

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016834.D
 Acq On : 17 Jun 2020 21:52
 Operator : JC/SP
 Sample : L2984-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:00 AM

Quant Time: Jun 18 02:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	404346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	156841	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	5.47	113	121082	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.70	98	430550	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.12	95	164016	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126296	42.245	ug/l	99
3) Chloromethane	1.31	50	128895	44.596	ug/l	99
4) Vinyl Chloride	1.39	62	179592	58.233	ug/l	99
5) Bromomethane	1.62	94	78356	40.910	ug/l	96
6) Chloroethane	1.70	64	106076	55.838	ug/l	99
7) Trichlorofluoromethane	1.91	101	221277	49.818	ug/l	98
8) Diethyl Ether	2.17	74	95677	52.748	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109894	48.630	ug/l	98
10) Methyl Iodide	2.49	142	110304	39.052	ug/l	99
11) Tert butyl alcohol	3.01	59	229491	306.740	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130957	50.606	ug/l	98
13) Acrolein	2.27	56	77857	244.454	ug/l	96
14) Allyl chloride	2.70	41	186672	46.122	ug/l	95
15) Acrylonitrile	3.12	53	401725	264.615	ug/l	99
16) Acetone	2.42	43	731011	541.132	ug/l	99
17) Carbon Disulfide	2.55	76	311190	41.989	ug/l	99
18) Methyl Acetate	2.75	43	201958	56.010	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	407626	46.217	ug/l	99
20) Methylene Chloride	2.83	84	128208	44.061	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	138288	49.728	ug/l	98
22) Diisopropyl ether	3.82	45	355376	46.746	ug/l	98
23) Vinyl Acetate	3.78	43	1485409	226.059	ug/l	100
24) 1,1-Dichloroethane	3.67	63	214108	45.029	ug/l	98
25) 2-Butanone	4.64	43	4754666	2335.375	ug/l	99
26) 2,2-Dichloropropane	4.55	77	166850	37.896	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	169713	53.395	ug/l	96
28) Bromochloromethane	4.98	49	90316	44.527	ug/l	100
29) Tetrahydrofuran	5.09	42	410198	311.015	ug/l	94
30) Chloroform	5.18	83	226895	45.105	ug/l	98
31) Cyclohexane	5.55	56	204199	53.286	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	211951	46.433	ug/l	100
36) 1,1-Dichloropropene	5.77	75	181002	50.654	ug/l	100
37) Ethyl Acetate	4.79	43	240251	61.395	ug/l	98
38) Carbon Tetrachloride	5.75	117	202873	49.991	ug/l	99

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Manual Integrations
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MMDadoda
 6/18/2020 11:17:00 AM

Quant Time: Jun 18 02:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	150416	36.562	ug/l	97
40) Benzene	6.11	78	600949	55.236	ug/l	100
41) Methacrylonitrile	5.01	41	103954	49.822	ug/l	98
42) 1,2-Dichloroethane	6.17	62	206387	51.976	ug/l	98
43) Isopropyl Acetate	6.42	43	401851	65.522	ug/l	99
44) Trichloroethene	7.19	130	151273	44.951	ug/l	100
45) 1,2-Dichloropropane	7.49	63	124459	46.667	ug/l	98
46) Dibromomethane	7.64	93	90317	46.464	ug/l	99
47) Bromodichloromethane	7.88	83	185696	45.823	ug/l	97
48) Methyl methacrylate	7.74	41	149436	51.408	ug/l	98
49) 1,4-Dioxane	7.71	88	81959	1139.329	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	1057396	279.790	ug/l	100
52) Toluene	8.77	92	342129	48.413	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	207762	45.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	216310	45.306	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134100	47.185	ug/l	99
56) Ethyl methacrylate	9.16	69	216152	50.798	ug/l	99
57) 1,3-Dichloropropane	9.35	76	221010	46.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	497014	237.556	ug/l	100
59) 2-Hexanone	9.48	43	861492	295.289	ug/l	99
60) Dibromochloromethane	9.57	129	159356	47.444	ug/l	99
61) 1,2-Dibromoethane	9.65	107	148657	47.996	ug/l	98
64) Tetrachloroethene	9.32	164	149420	37.448	ug/l	97
65) Chlorobenzene	10.12	112	436901	51.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	170182	50.597	ug/l	99
67) Ethyl Benzene	10.24	91	733470	51.459	ug/l	99
68) m/p-Xylenes	10.34	106	547089	101.233	ug/l	99
69) o-Xylene	10.68	106	250794	48.170	ug/l	99
70) Styrene	10.70	104	448216	49.800	ug/l	99
71) Bromoform	10.84	173	146690	51.115	ug/l #	98
73) Isopropylbenzene	11.00	105	683750	57.886	ug/l	100
74) N-amyl acetate	10.88	43	317456	69.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	192962	55.534	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	199520m	52.704	ug/l	
77) Bromobenzene	11.24	156	161185	48.329	ug/l	98
78) n-propylbenzene	11.34	91	645953	50.356	ug/l	99
79) 2-Chlorotoluene	11.40	91	405117	49.943	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	499179	50.413	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	75000	49.875	ug/l	98
82) 4-Chlorotoluene	11.49	91	474555	49.981	ug/l	100
83) tert-Butylbenzene	11.76	119	467097	51.554	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	514812	51.396	ug/l	100
85) sec-Butylbenzene	11.93	105	521139	49.173	ug/l	99
86) p-Isopropyltoluene	12.05	119	510183	50.172	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	282108	50.033	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	283635	48.507	ug/l	99
89) n-Butylbenzene	12.37	91	406951	48.479	ug/l	99
90) Hexachloroethane	12.58	117	89854	47.917	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	276460	49.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56740	58.394	ug/l	95

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ClientSampleId :
S49-0563MS

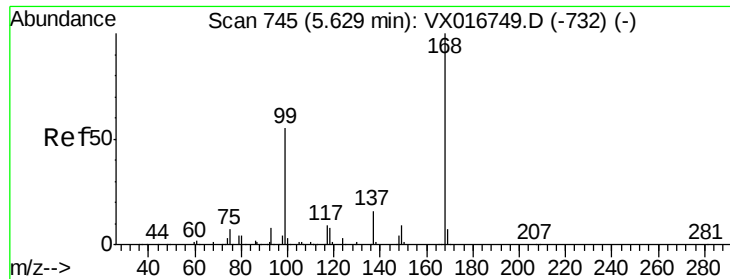
Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:17:00 AM

Quant Time: Jun 18 02:11:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	187766	47.551	ug/l	99
94) Hexachlorobutadiene	13.76	225	83312	47.964	ug/l	98
95) Naphthalene	13.82	128	696774	56.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187138	48.150	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

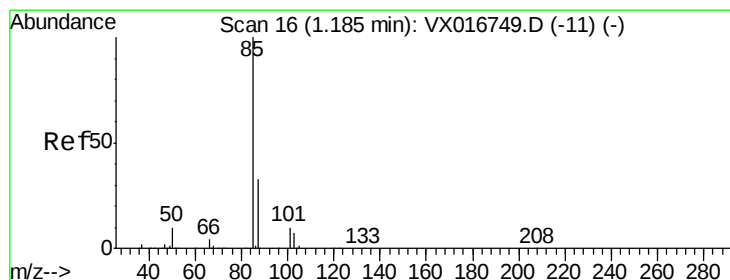
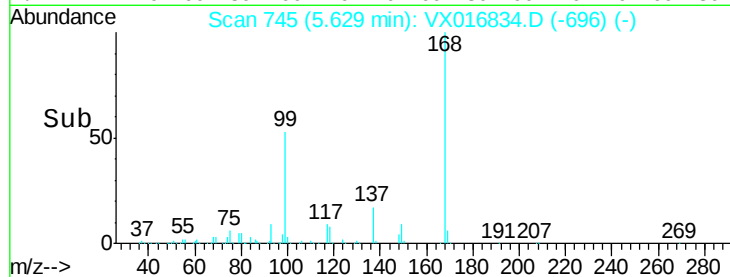
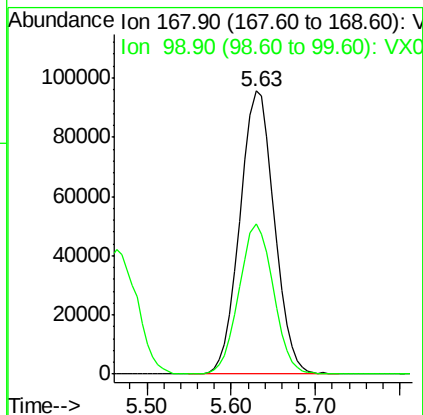
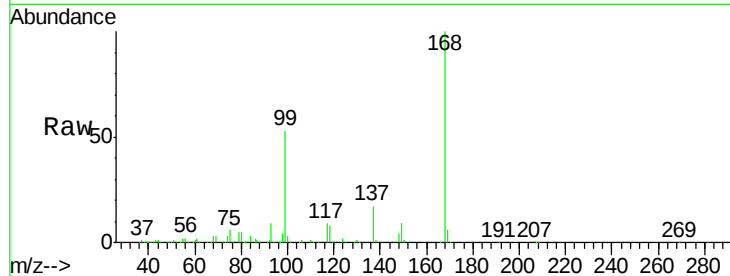
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.9	43.8	65.6

Manual Integrations
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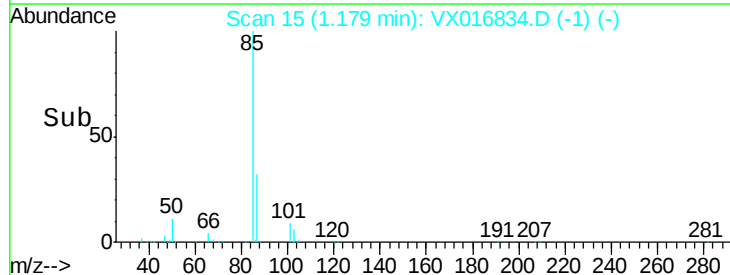
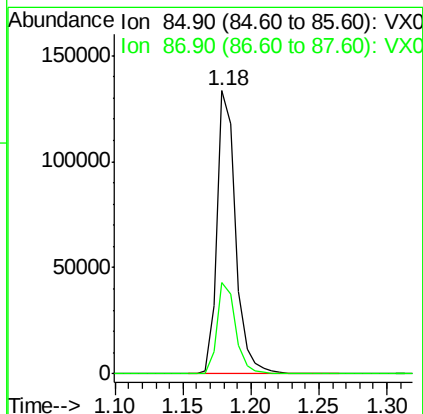
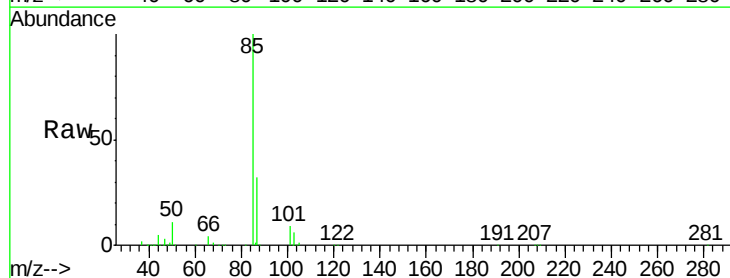
MMDadoda
 6/18/2020 11:17:00 AM

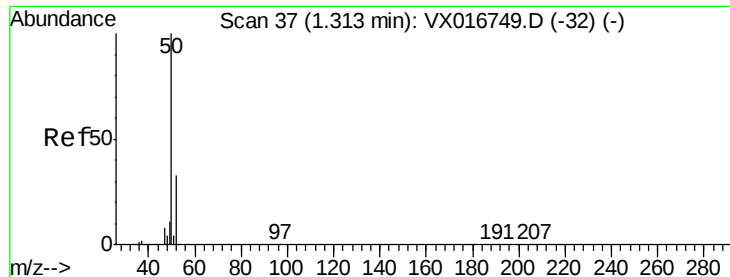


#2

Dichlorodifluoromethane
 Concen: 42.245 ug/l
 RT: 1.18 min Scan# 15
 Delta R.T. -0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.2





#3

Chloromethane

Concen: 44.596 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 50 Resp: 128895

Ion Ratio Lower Upper

50 100

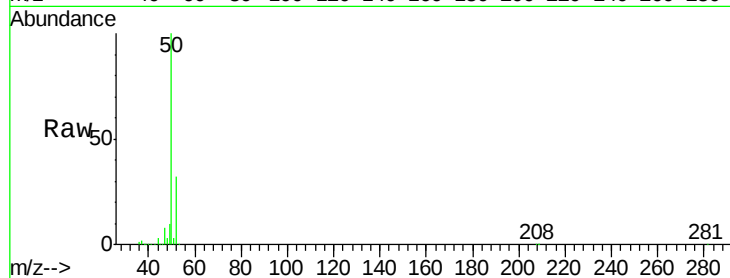
52 32.4 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

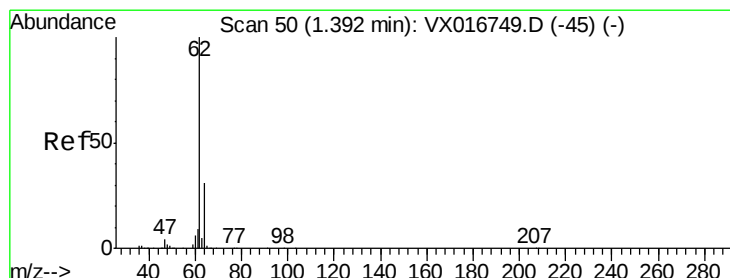
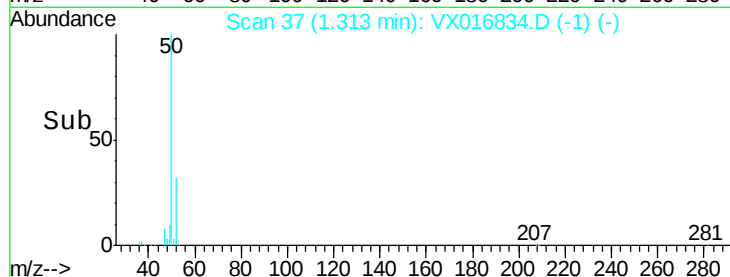
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 58.233 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016834.D

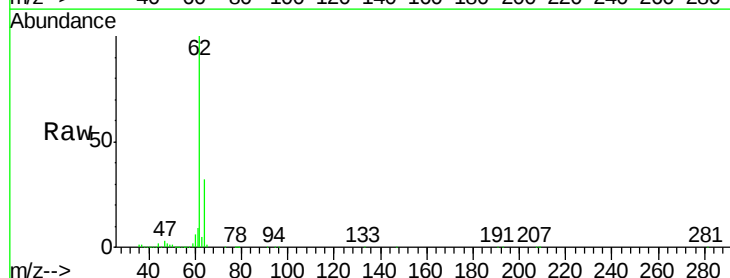
Acq: 17 Jun 2020 21:52

Tgt Ion: 62 Resp: 179592

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

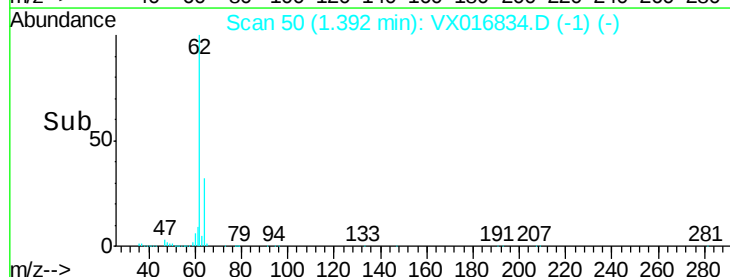
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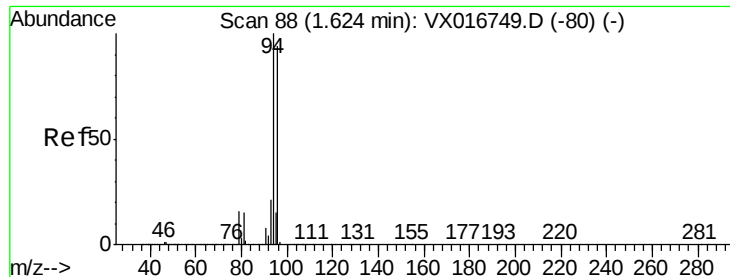
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 40.910 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 94 Resp: 78356

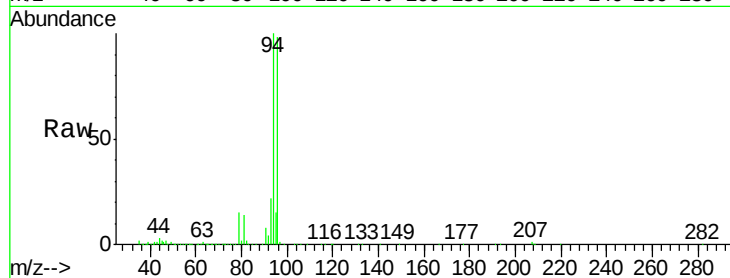
Ion Ratio Lower Upper

94 100

96 98.1 75.4 113.0

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

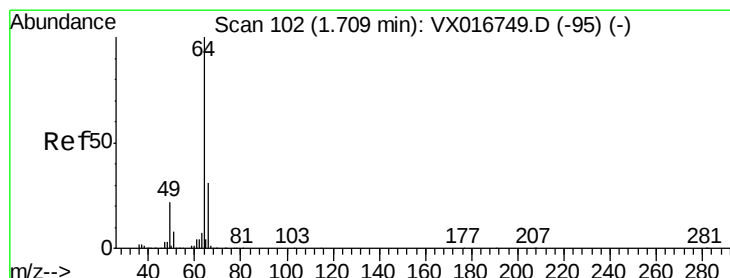
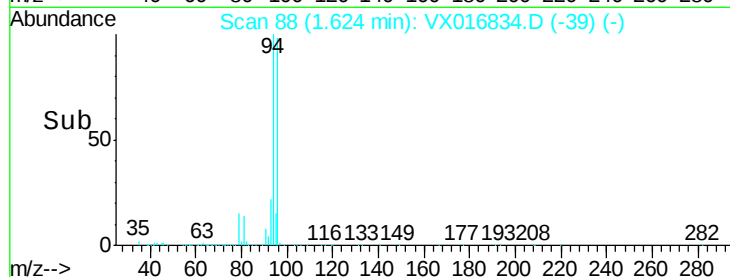
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 55.838 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016834.D

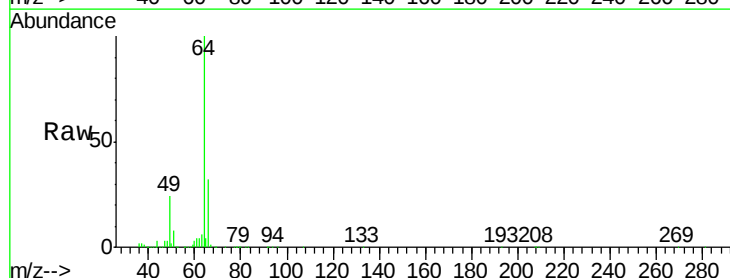
Acq: 17 Jun 2020 21:52

Tgt Ion: 64 Resp: 106076

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

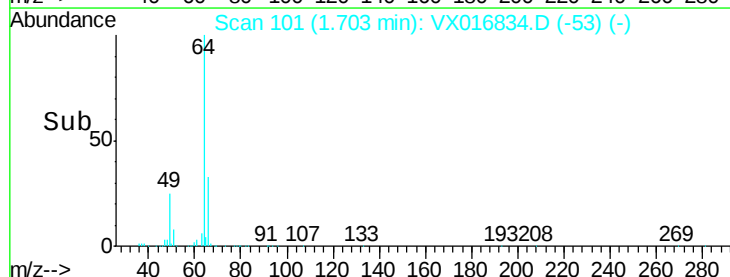
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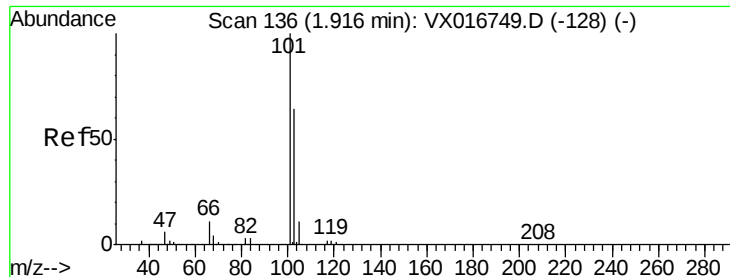
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20000

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Time-->





#7

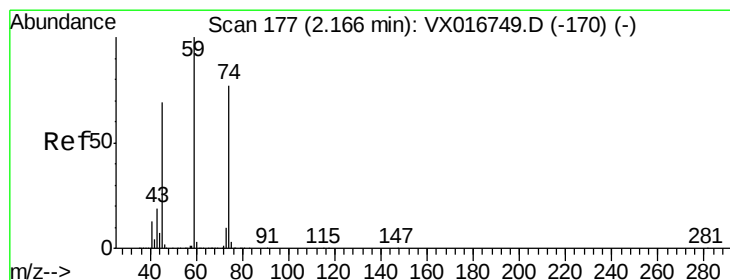
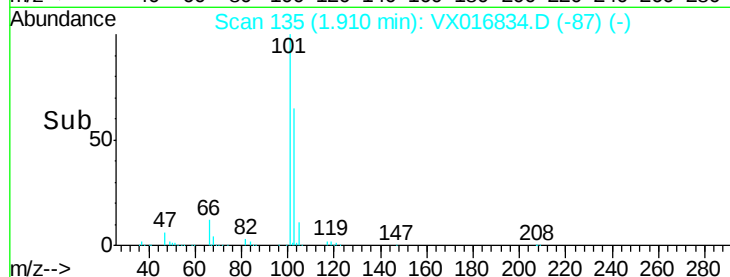
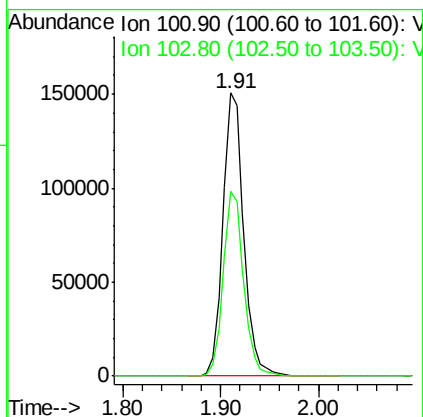
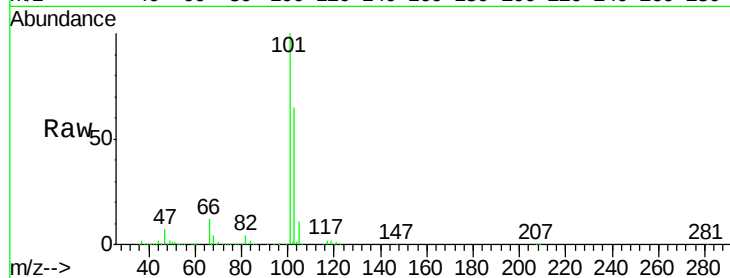
Trichlorofluoromethane
Concen: 49.818 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	221277		
103	65.4	51.3	76.9	

Manual Integrations
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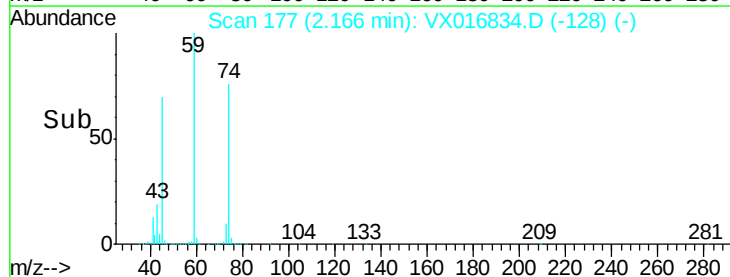
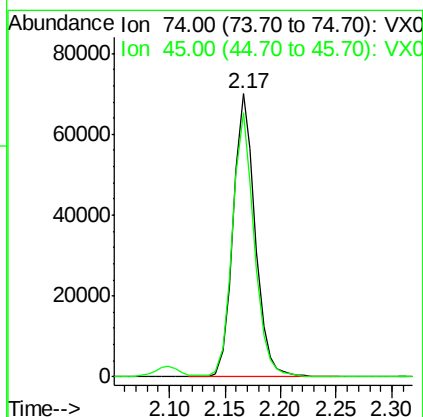
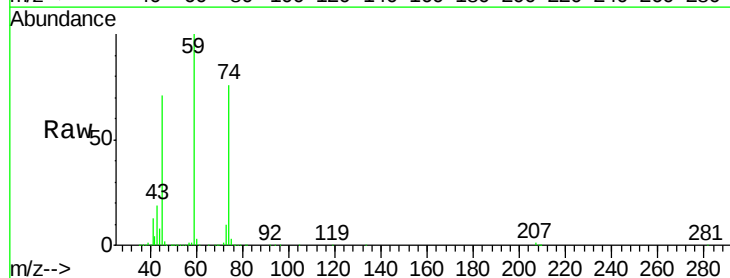
MMDadoda
6/18/2020 11:17:00 AM

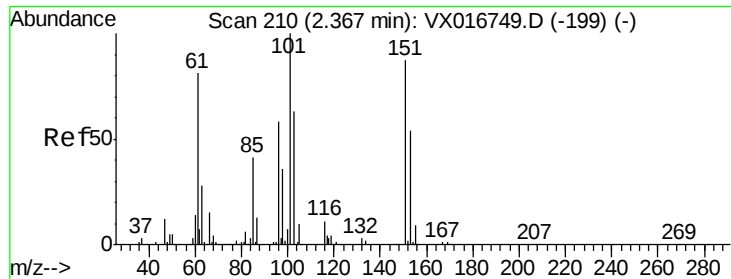


#8

Diethyl Ether
Concen: 52.748 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	95677		
45	92.1	43.5	130.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.630 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

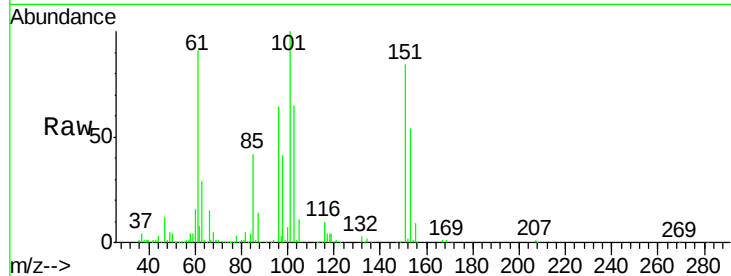
ClientSampleId :

S49-0563MS

Tot Ion:	101	Resp:	109894
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.0	51.0
151	83.3	68.7	103.1

Manual Integrations
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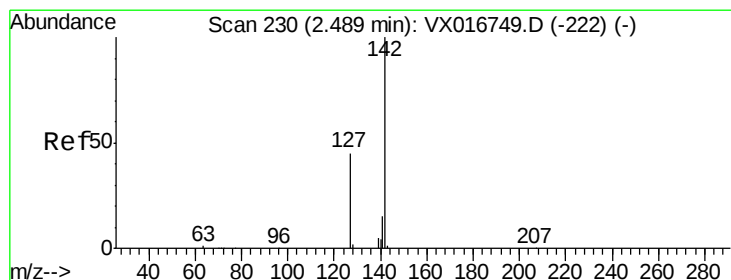
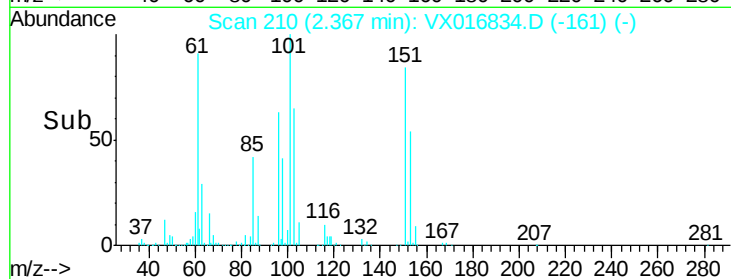
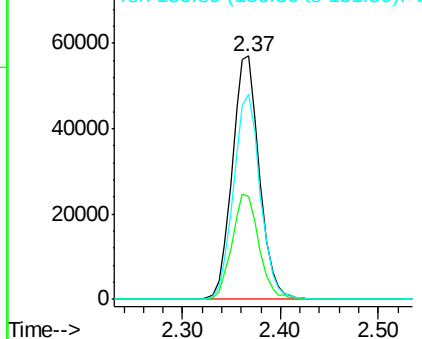
MMDadoda
6/18/2020 11:17:00 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.052 ug/l

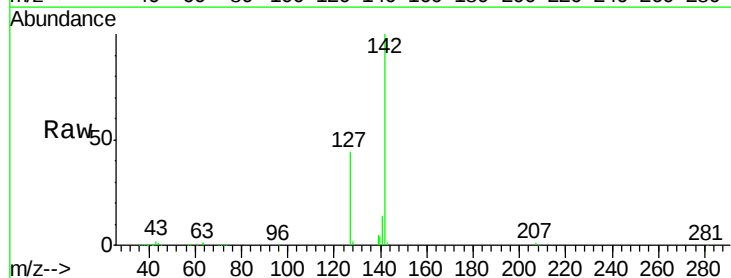
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

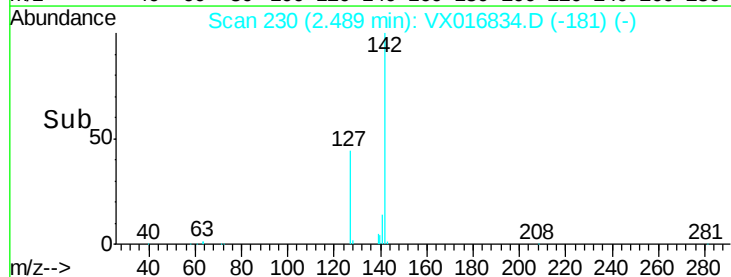
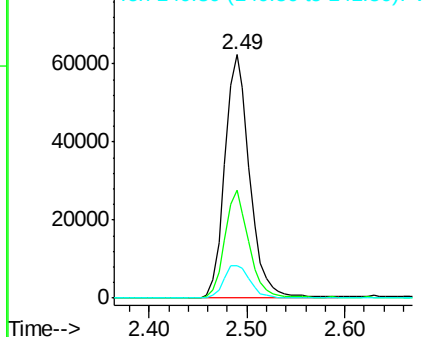
Tgt Ion:	142	Resp:	110304
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.4	53.2
141	14.6	11.7	17.5

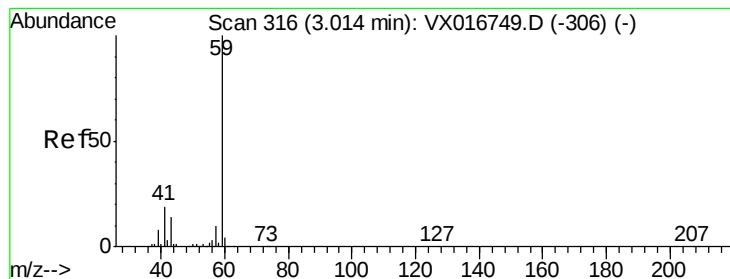


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

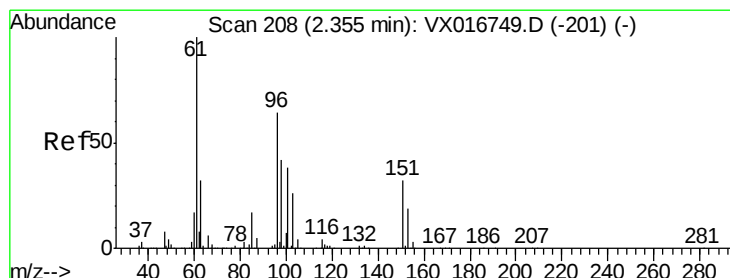
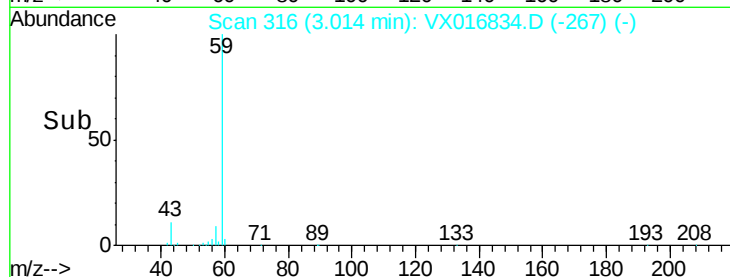
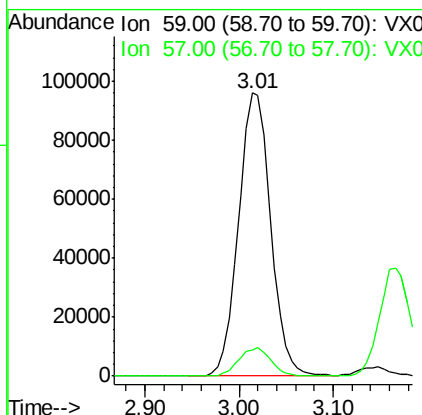
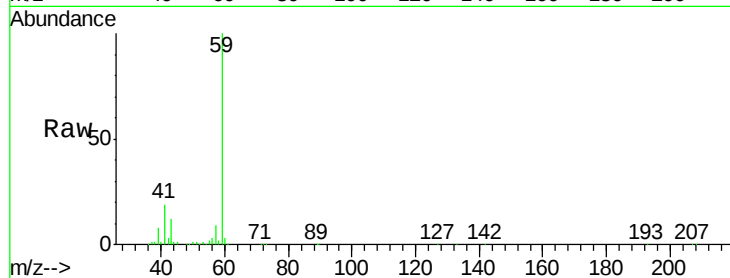
Tert butyl alcohol
 Concen: 306.740 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
 APPROVED

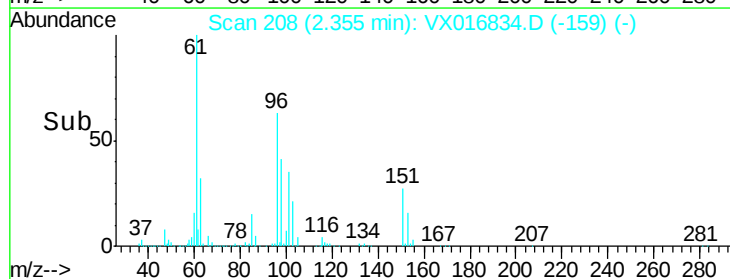
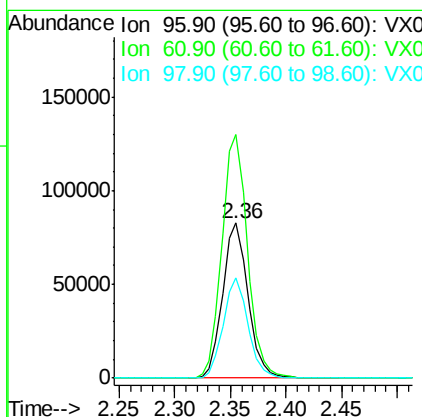
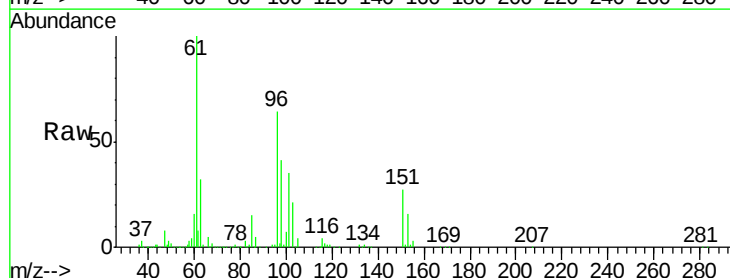
MMDadoda
 6/18/2020 11:17:00 AM

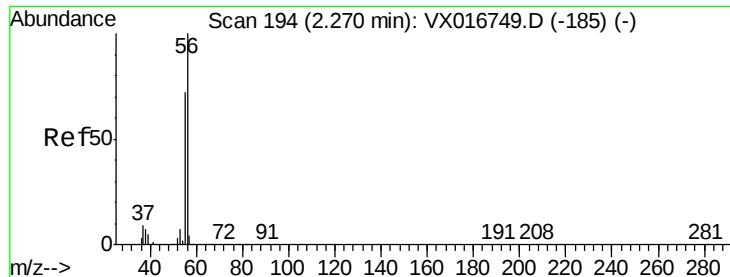


#12

1,1-Dichloroethene
 Concen: 50.606 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	124.1	186.1
98	65.0	52.7	79.1





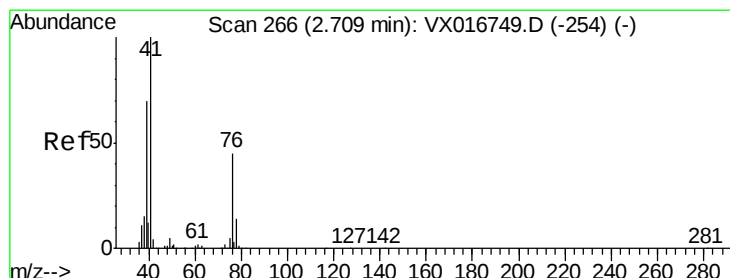
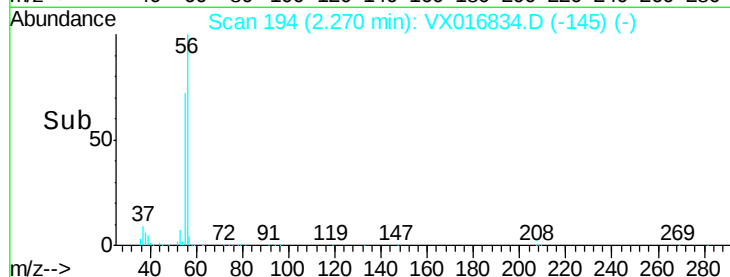
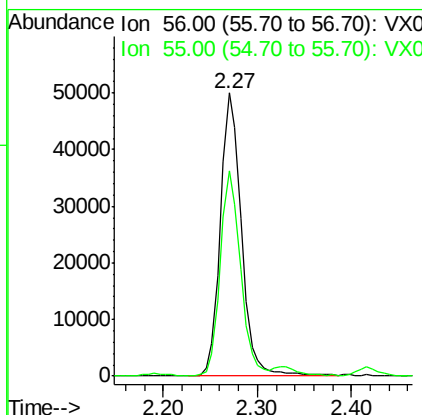
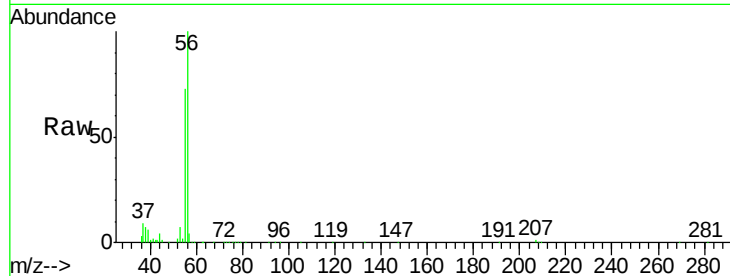
#13
Acrolein
Concen: 244.454 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampled :
S49-0563MS

Tot Ion	56	Resp	77857
Ion Ratio	100	Lower	Upper
55	69.6	58.2	87.4

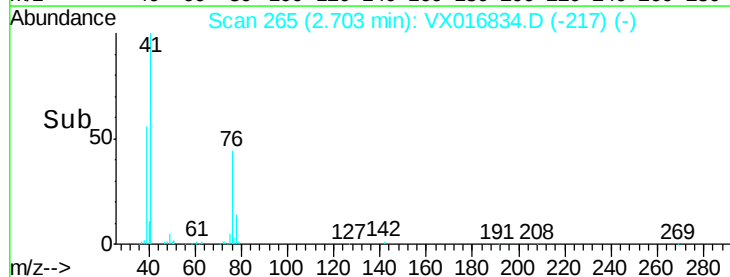
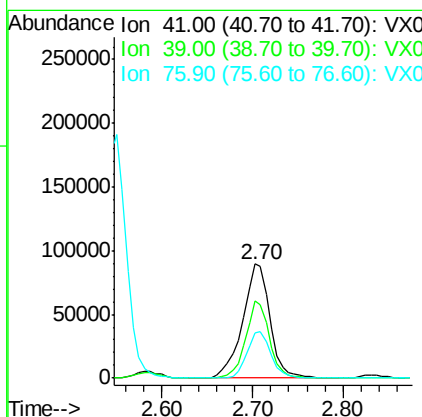
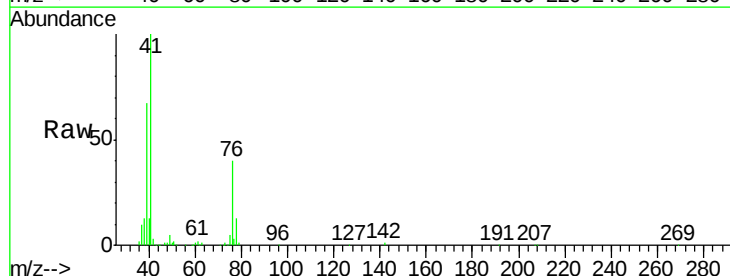
Manual Integrations
APPROVED

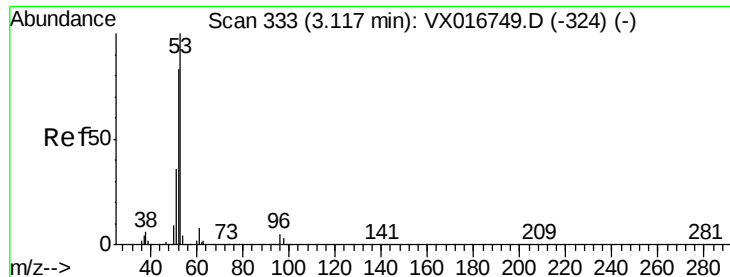
MMDadoda
6/18/2020 11:17:00 AM



#14
Allyl chloride
Concen: 46.122 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	41	Resp	186672
Ion Ratio	100	Lower	Upper
39	58.8	50.2	75.4
76	35.7	30.4	45.6





#15

Acrylonitrile

Concen: 264.615 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

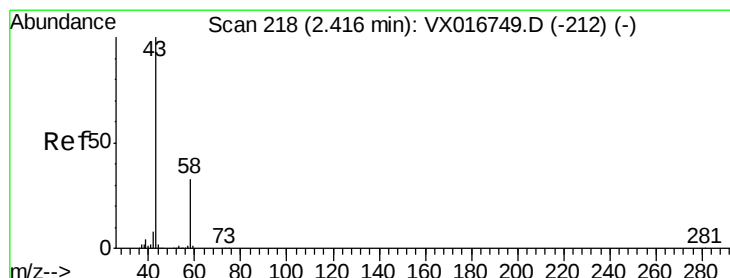
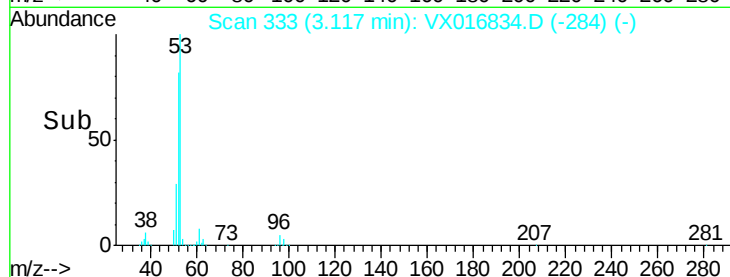
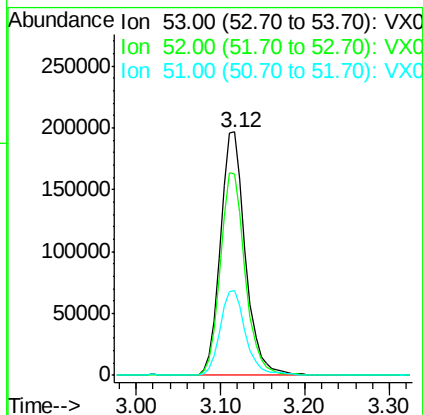
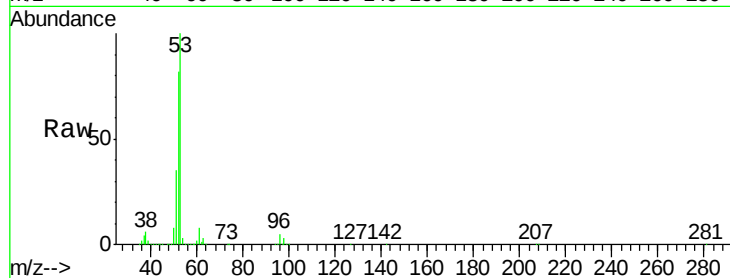
ClientSampleId :

S49-0563MS

Tot Ion:	53	Resp:	401725
Ion Ratio		Lower	Upper
53	100		
52	82.5	65.5	98.3
51	35.4	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:17:00 AM



#16

Acetone

Concen: 541.132 ug/l

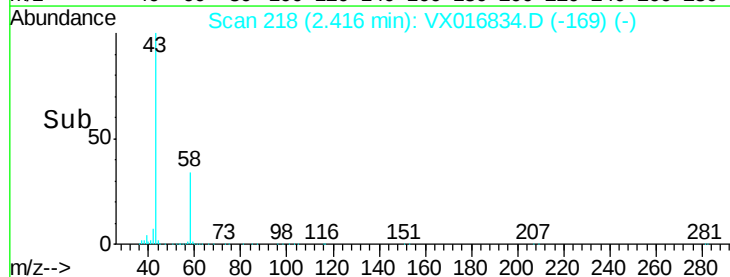
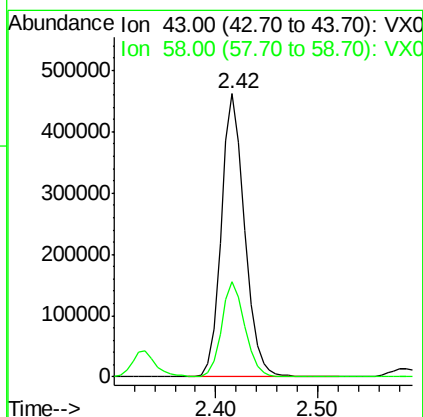
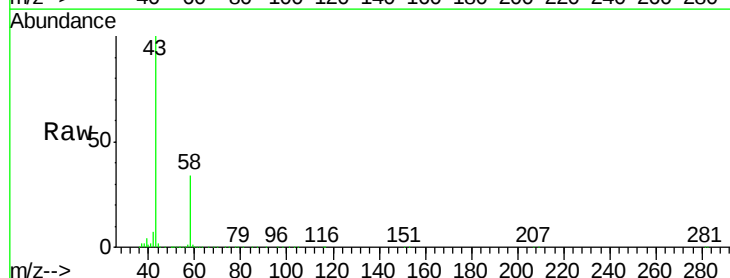
RT: 2.42 min Scan# 218

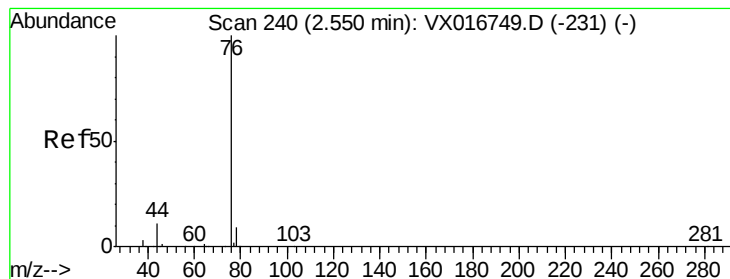
Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion:	43	Resp:	731011
Ion Ratio		Lower	Upper
43	100		
58	33.6	26.3	39.5





#17

Carbon Disulfide

Concen: 41.989 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 76 Resp: 311190

Ion Ratio Lower Upper

76 100

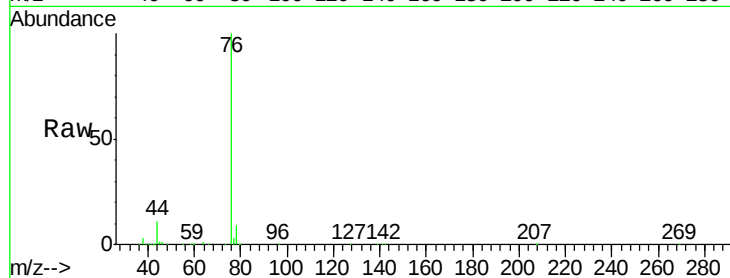
78 9.4 7.3 10.9

Manual Integrations

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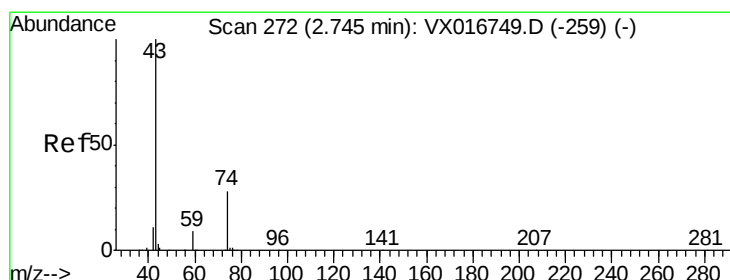
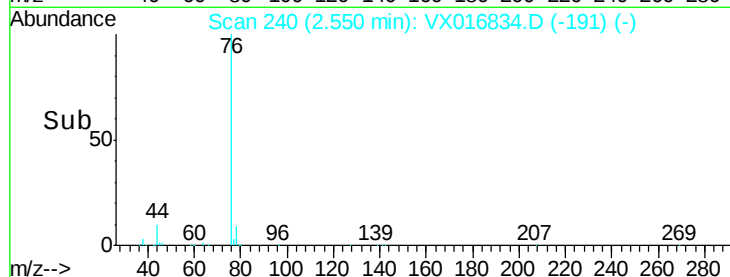
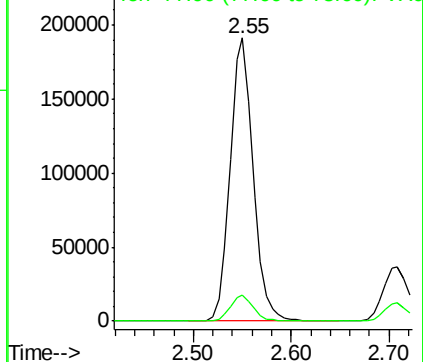
MMDadoda

6/18/2020 11:17:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.010 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016834.D

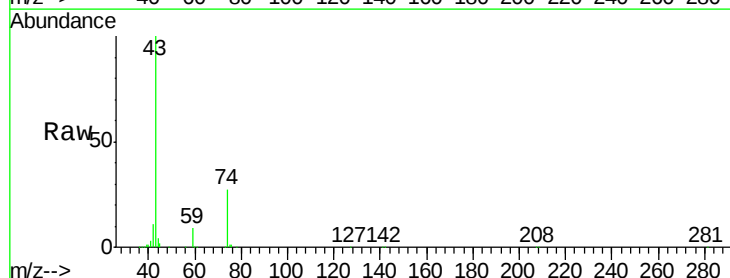
Acq: 17 Jun 2020 21:52

Tgt Ion: 43 Resp: 201958

Ion Ratio Lower Upper

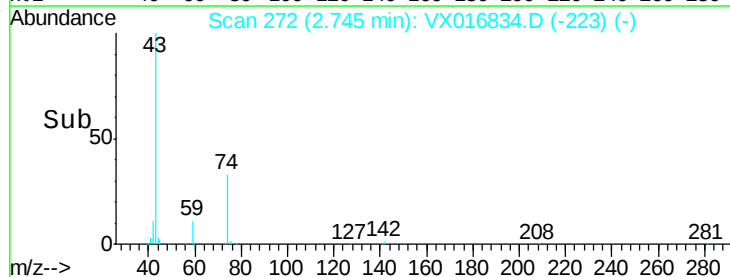
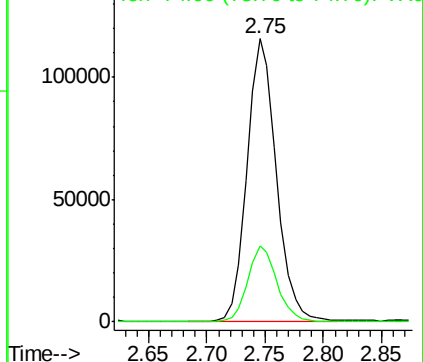
43 100

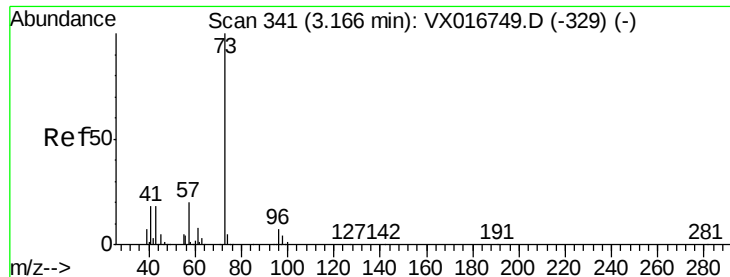
74 27.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





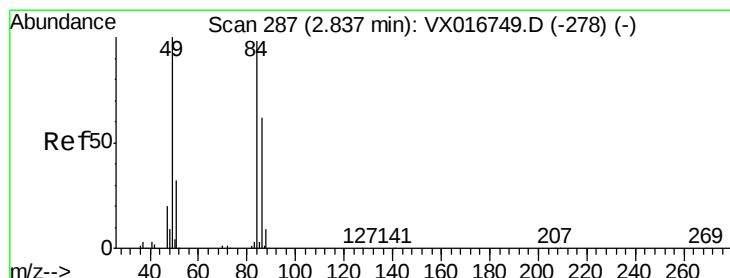
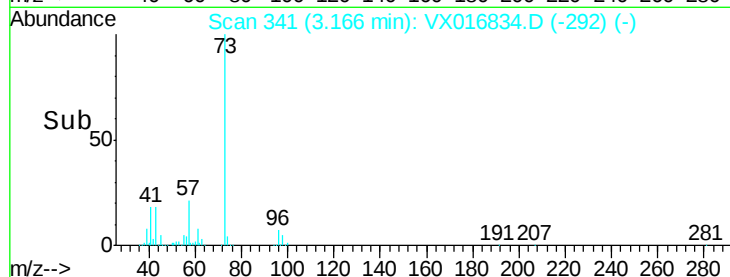
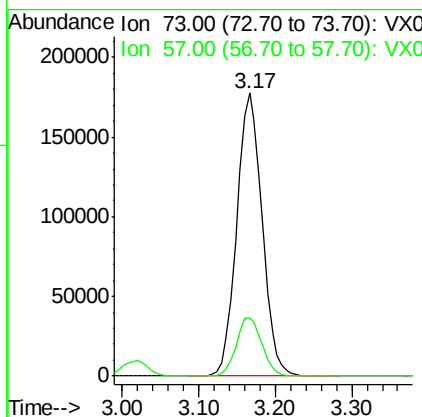
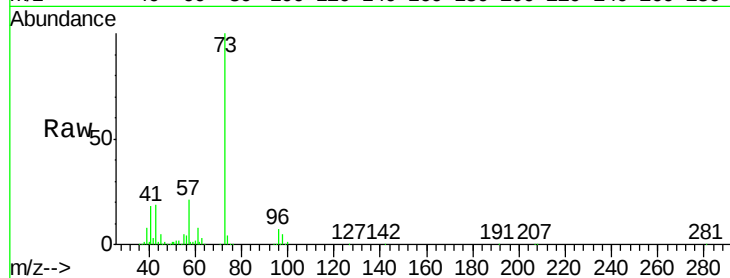
#19
Methvl tert-butvl Ether
Concen: 46.217 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.2	24.4

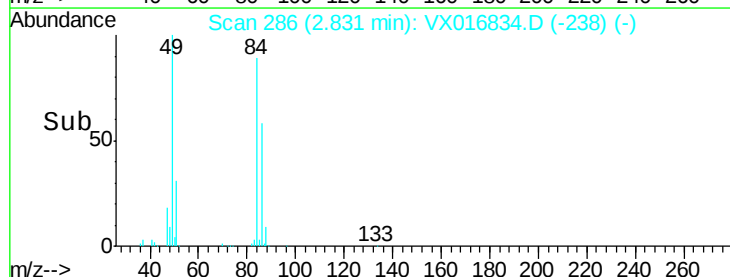
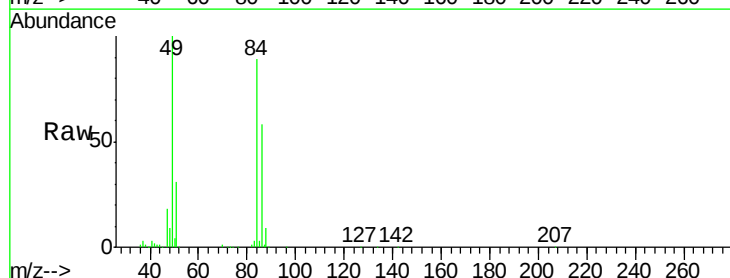
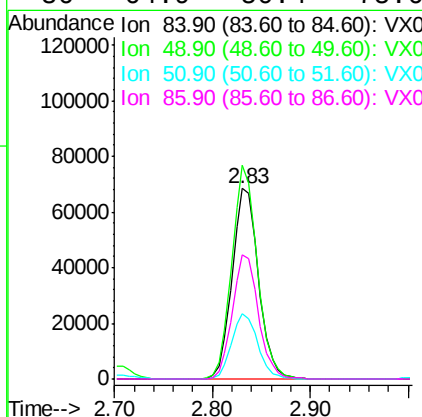
Manual Integrations
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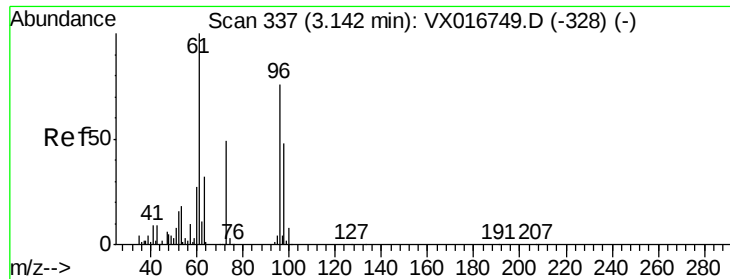
MMDadoda
6/18/2020 11:17:00 AM



#20
Methylene Chloride
Concen: 44.061 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	81.8	122.8
51	34.5	25.8	38.8
86	64.9	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 49.728 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

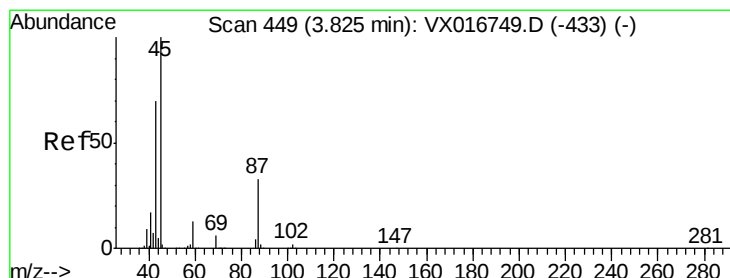
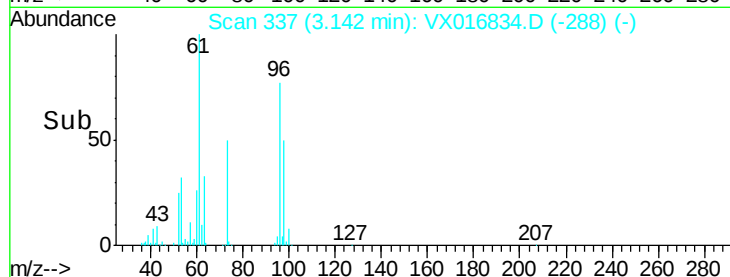
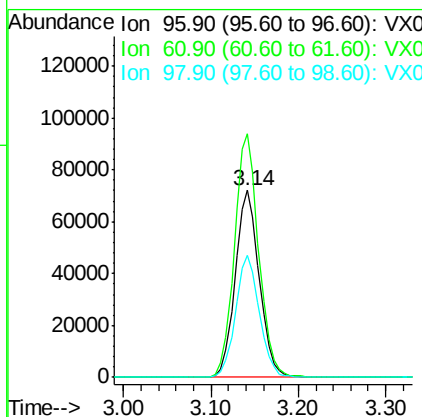
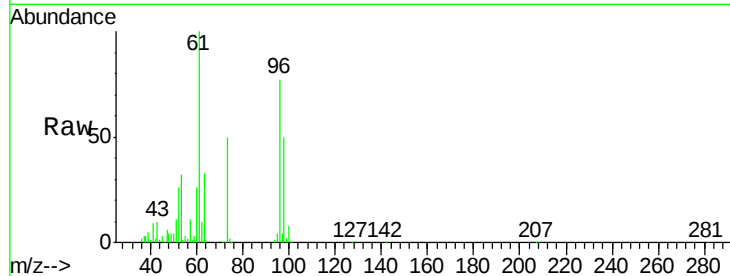
ClientSampleId :

S49-0563MS

Tot Ion:	96	Resp:	138288
Ion	Ratio	Lower	Upper
96	100		
61	130.2	105.4	158.2
98	65.1	50.8	76.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:17:00 AM



#22

Diisopropyl ether

Concen: 46.746 ug/l

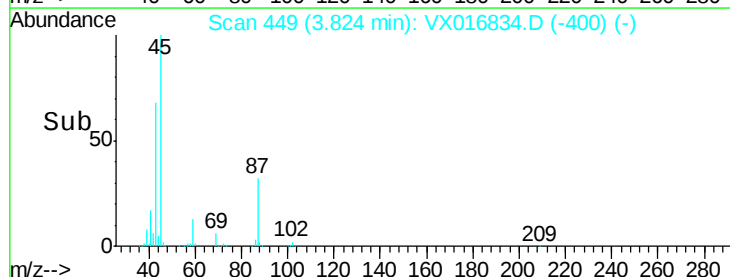
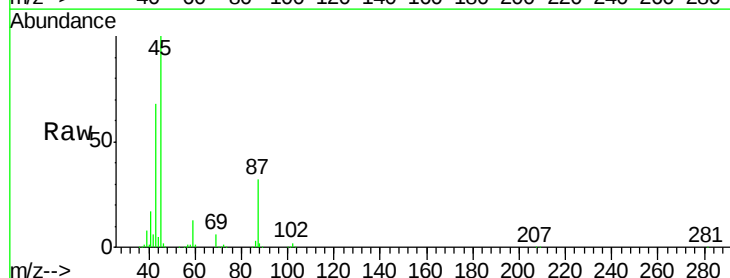
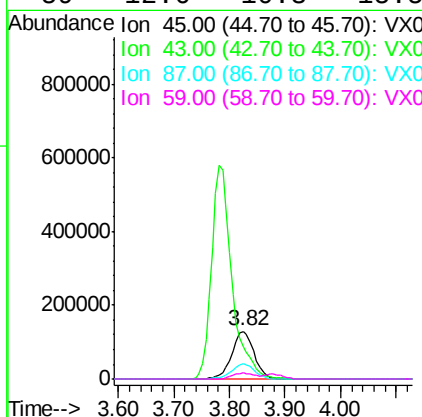
RT: 3.82 min Scan# 449

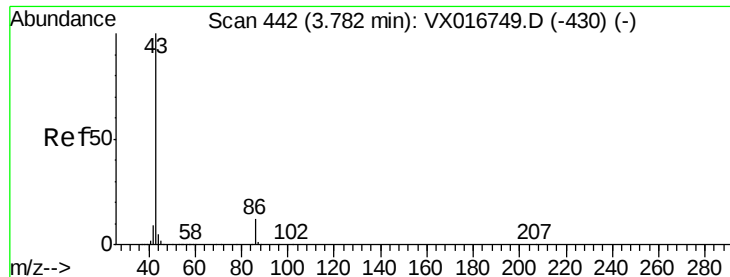
Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion:	45	Resp:	355376
Ion	Ratio	Lower	Upper
45	100		
43	68.1	56.2	84.4
87	32.2	26.2	39.4
59	12.6	10.3	15.5





#23

Vinyl Acetate

Concen: 226.059 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 43 Resp: 1485409

Ion Ratio Lower Upper

43 100

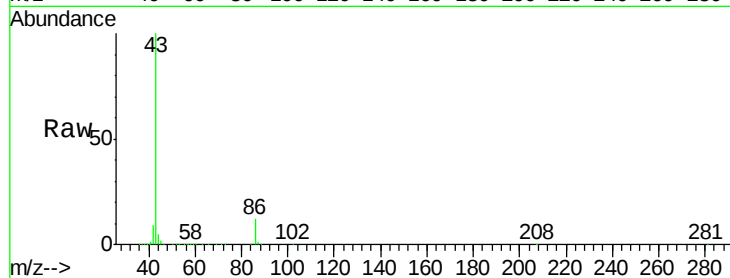
86 12.2 9.8 14.8

Manual Integrations

APPROVED

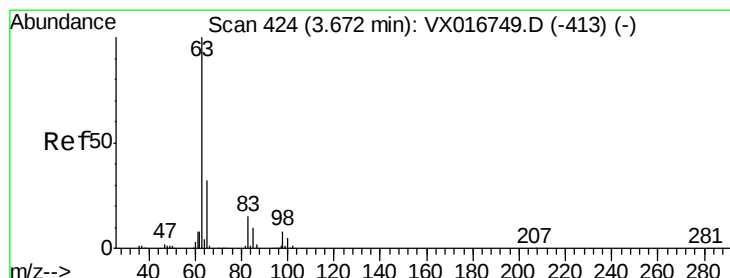
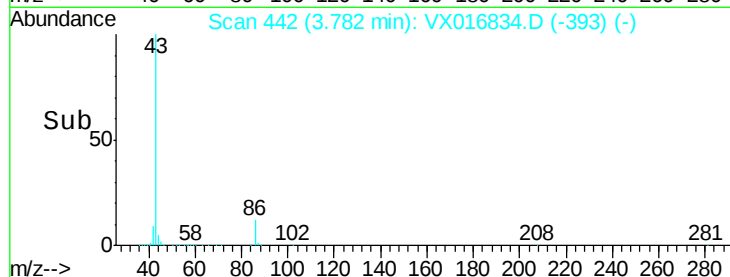
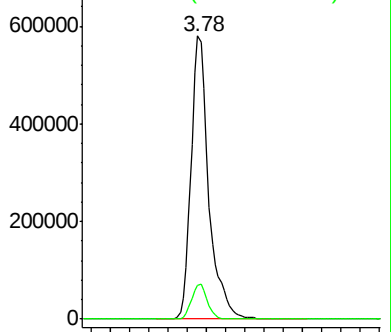
MMDadoda

6/18/2020 11:17:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.029 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

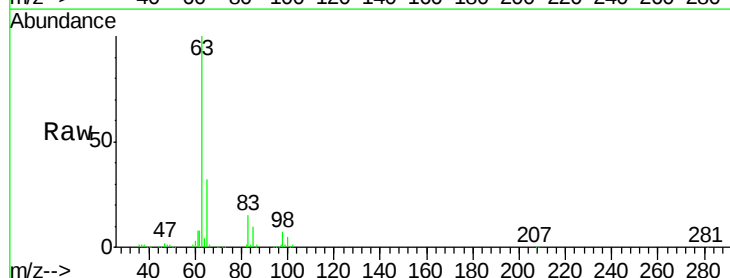
Tgt Ion: 63 Resp: 214108

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

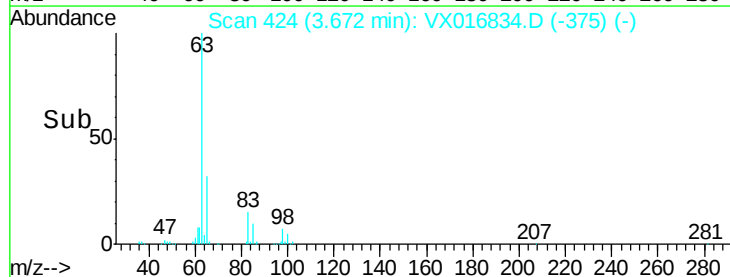
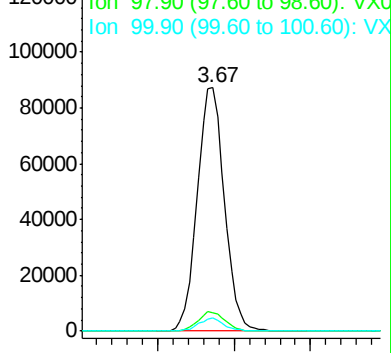
100 5.5 2.3 6.9

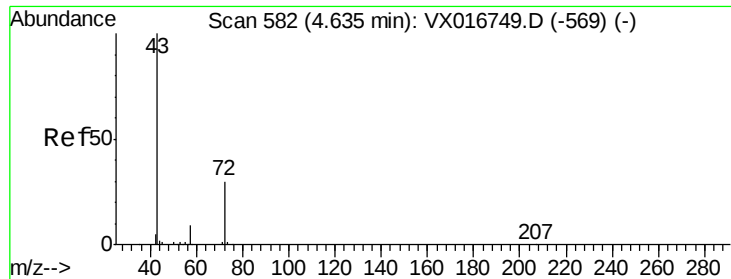


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 2335.375 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 43 Resp: 4754666

Ion Ratio Lower Upper

43 100

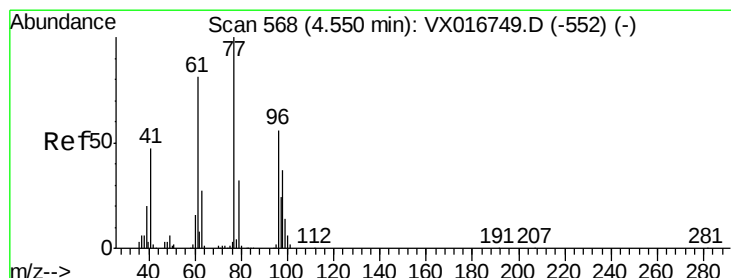
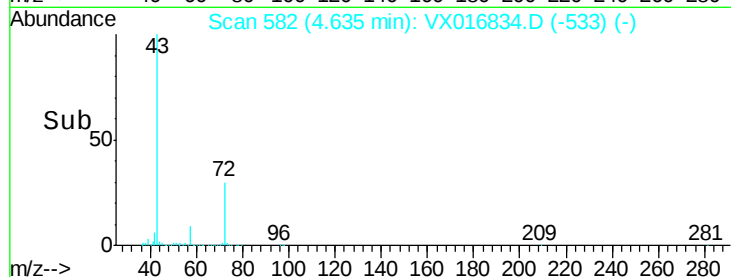
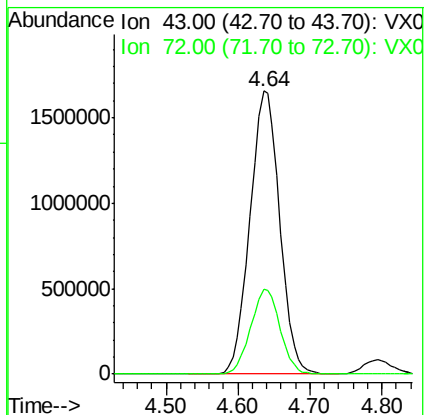
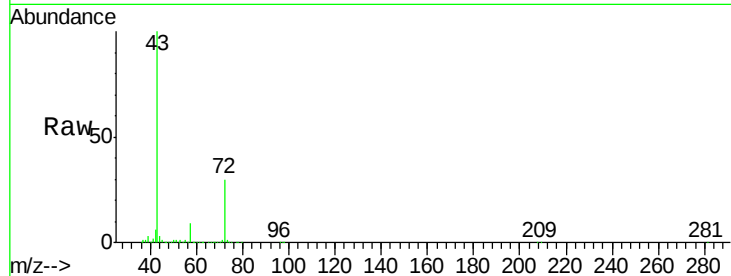
72 29.8 24.2 36.4

Manual Integrations

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6/18/2020 11:17:00 AM



#26

2,2-Dichloropropane

Concen: 37.896 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016834.D

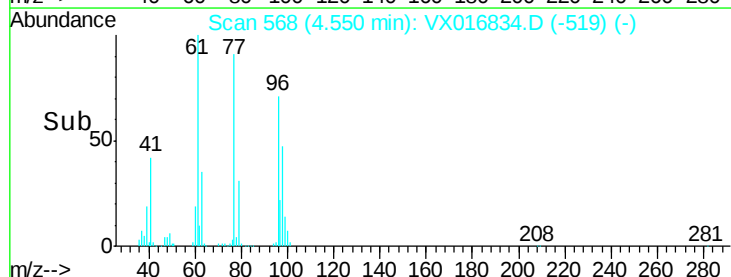
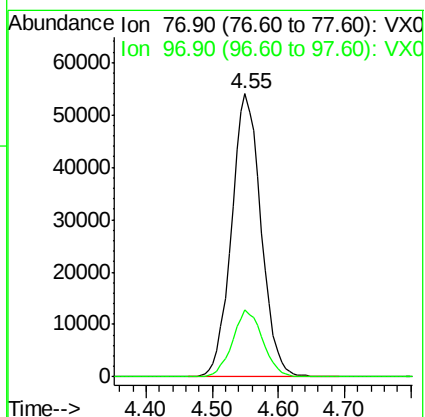
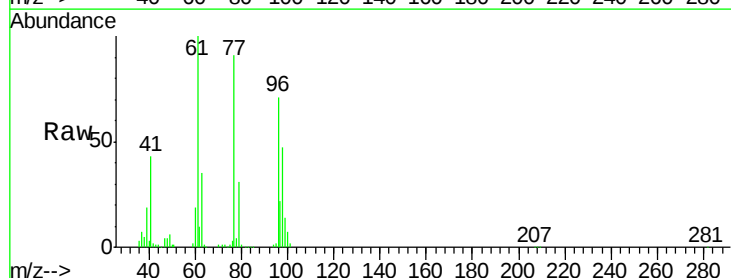
Acq: 17 Jun 2020 21:52

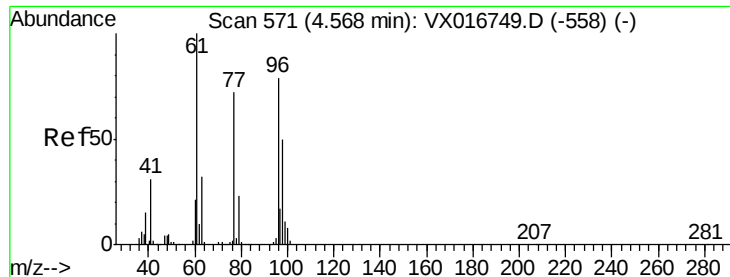
Tgt Ion: 77 Resp: 166850

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.4





#27

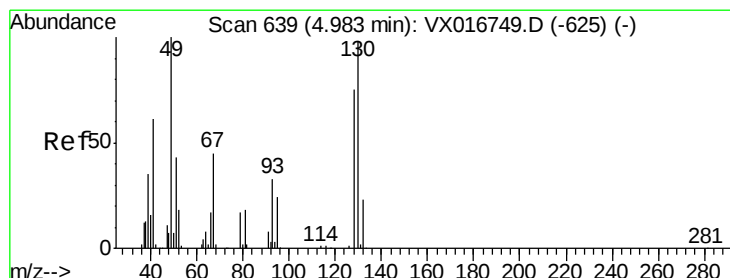
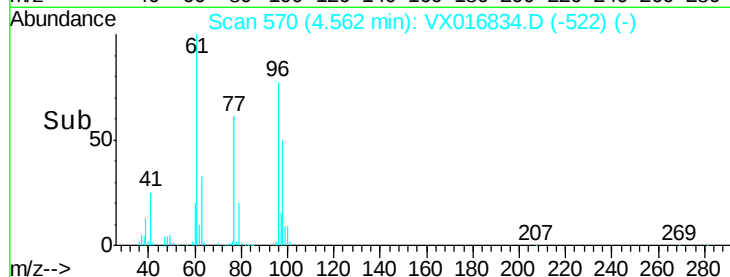
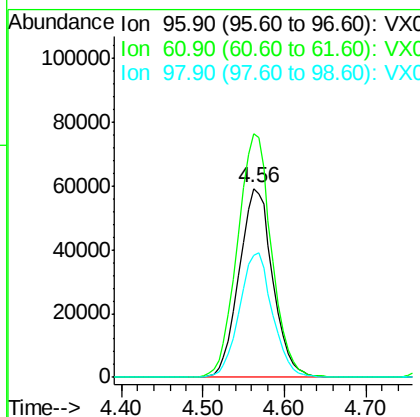
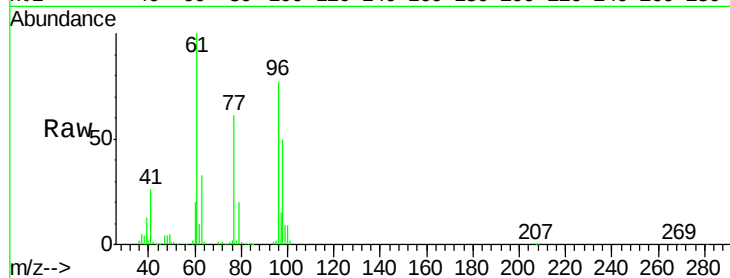
cis-1,2-Dichloroethene
Concen: 53.395 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169713		
61	130.8	0.0	276.2	
98	64.8	0.0	130.0	

Manual Integrations
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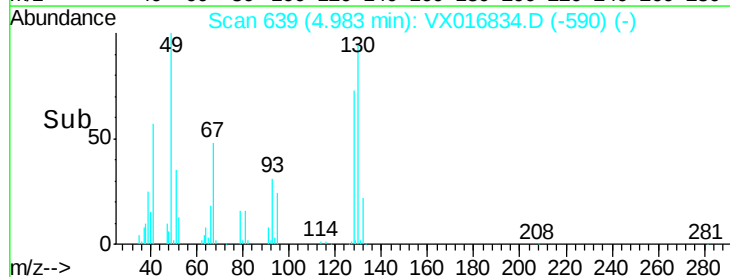
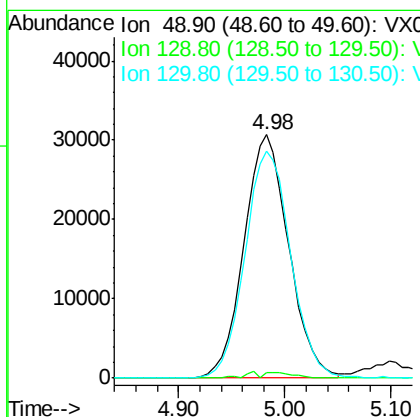
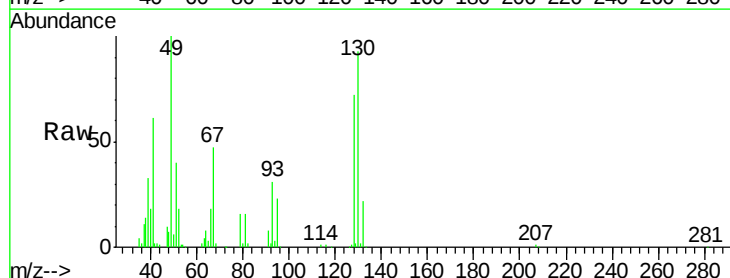
MMDadoda
6/18/2020 11:17:00 AM

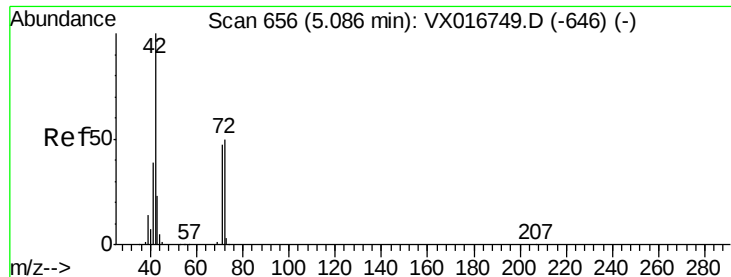


#28

Bromochloromethane
Concen: 44.527 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90316		
129	1.5	0.0	2.8	
130	95.3	76.0	114.0	





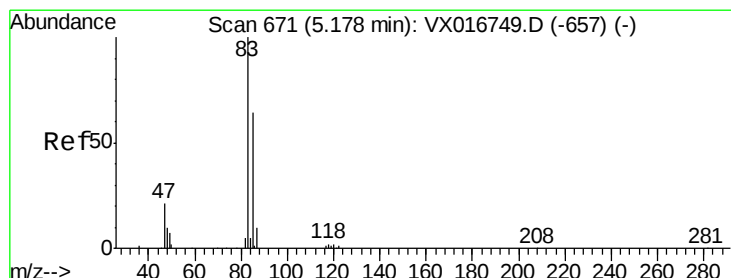
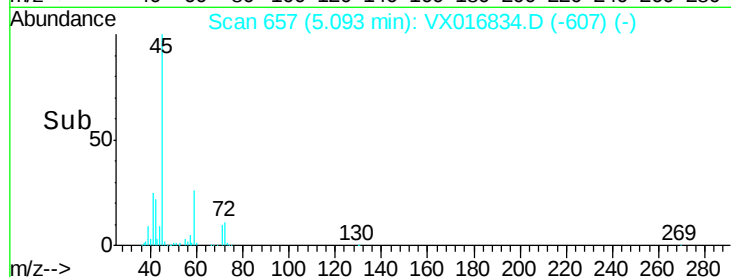
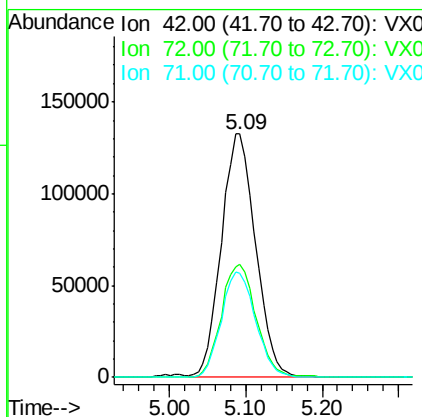
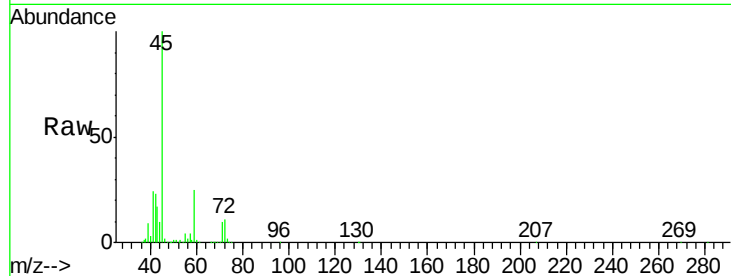
#29
Tetrahydrofuran
Concen: 311.015 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	41.0	61.6
71	43.4	38.2	57.4

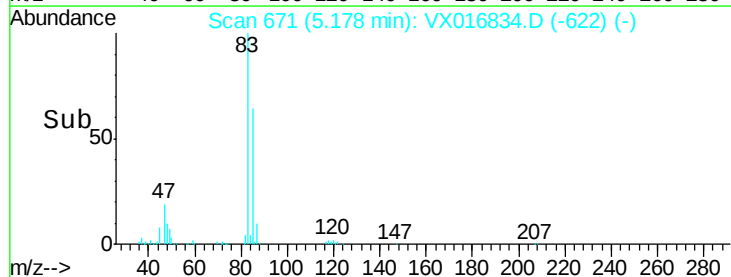
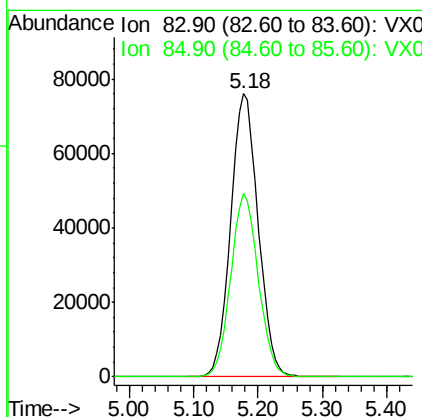
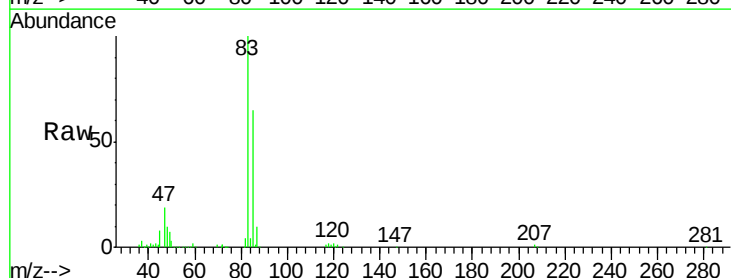
Manual Integrations
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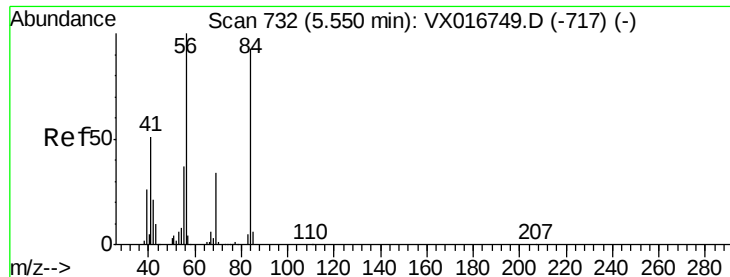
MMDadoda
6/18/2020 11:17:00 AM



#30
Chloroform
Concen: 45.105 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.8	76.2





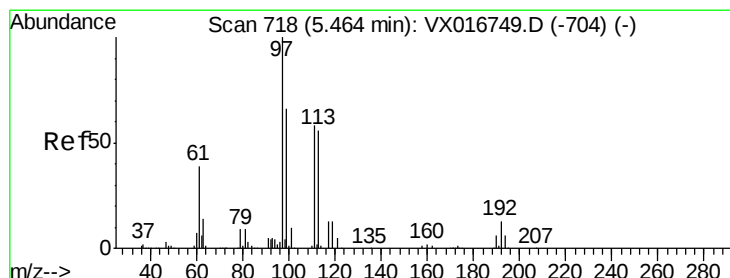
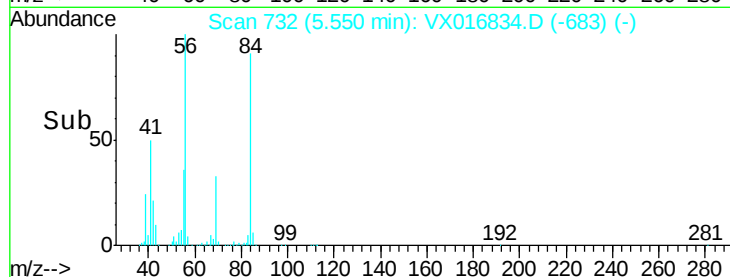
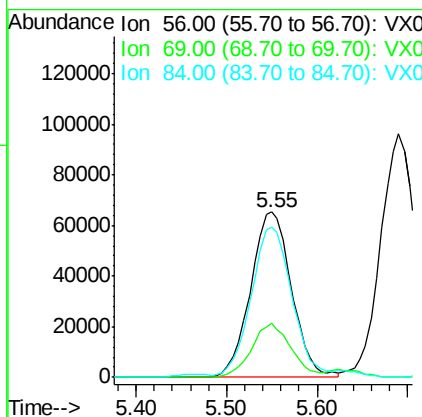
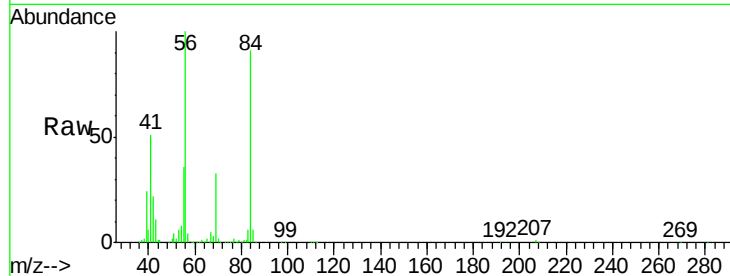
#31
Cyclohexane
Concen: 53.286 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.1	40.7
84	89.2	74.0	111.0

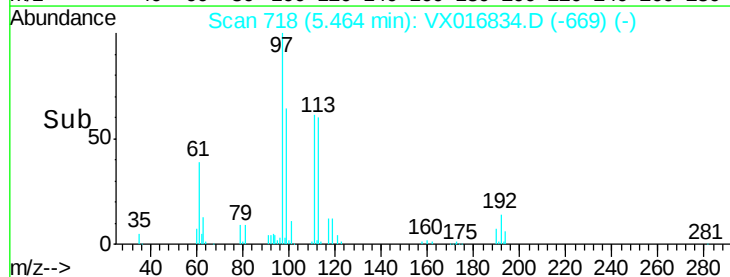
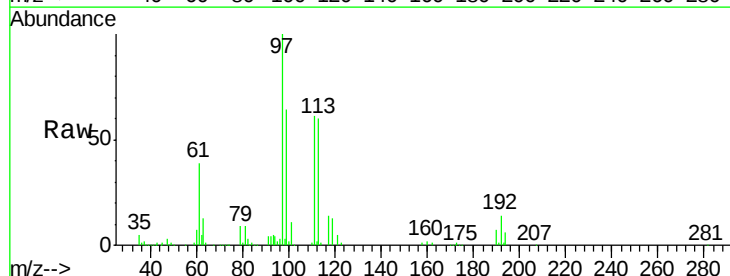
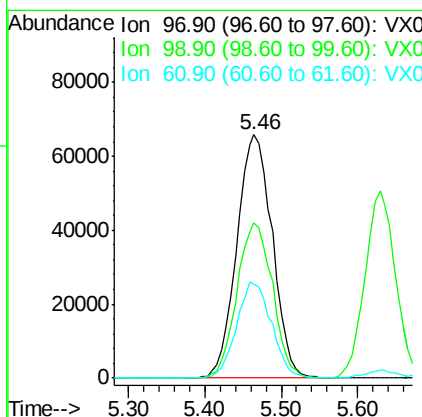
Manual Integrations
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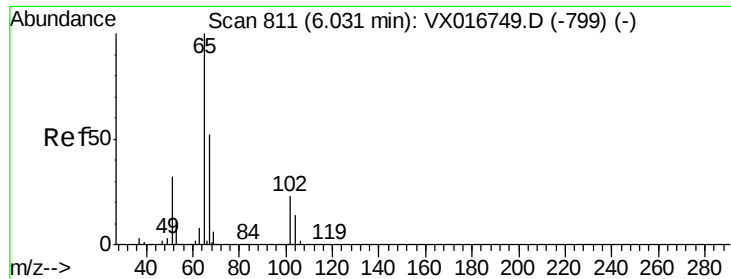
MMDadoda
6/18/2020 11:17:00 AM



#32
1,1,1-Trichloroethane
Concen: 46.433 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	39.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 65 Resp: 156841

Ion Ratio Lower Upper

65 100

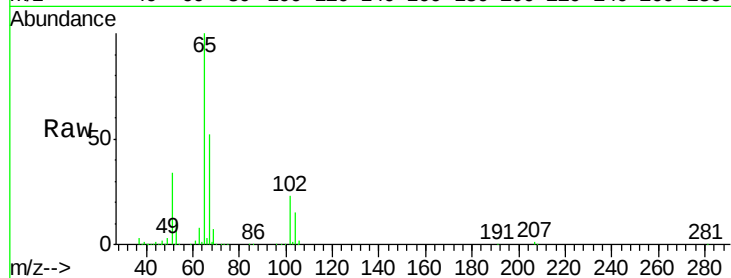
67 52.8 0.0 103.0

Manual Integrations

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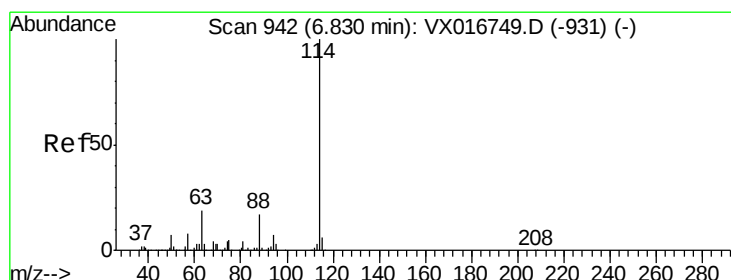
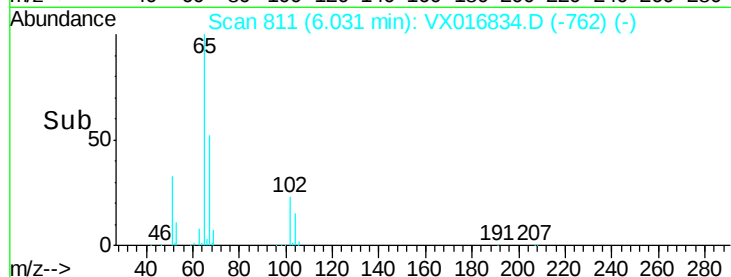
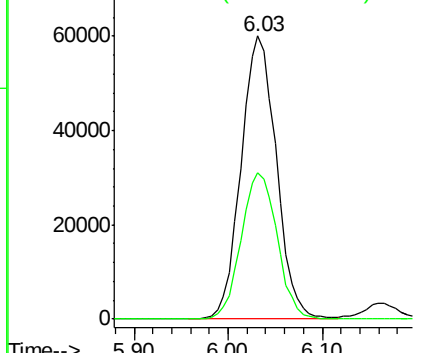
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

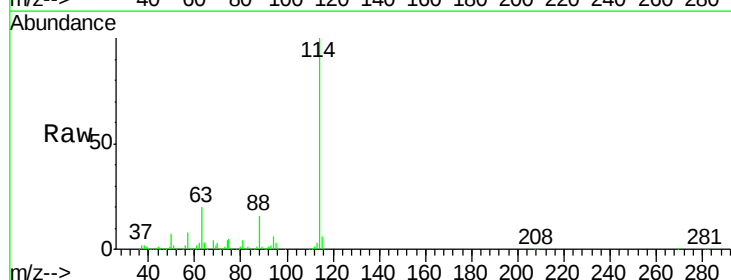
Tgt Ion: 114 Resp: 404346

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

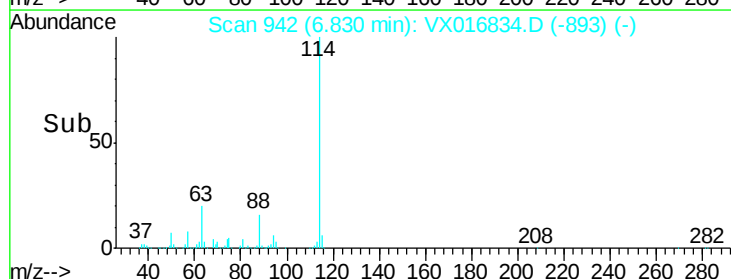
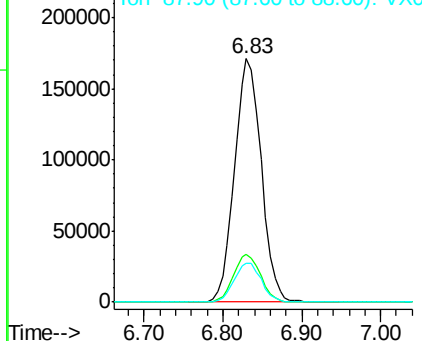
88 16.0 0.0 33.4

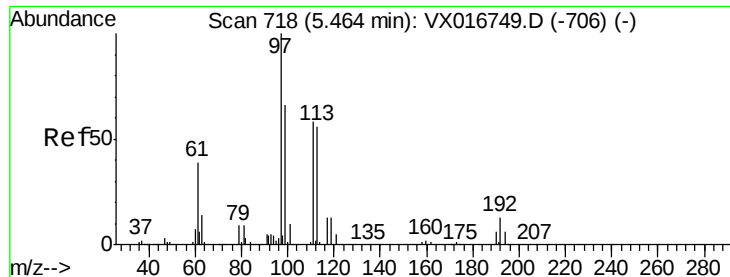


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





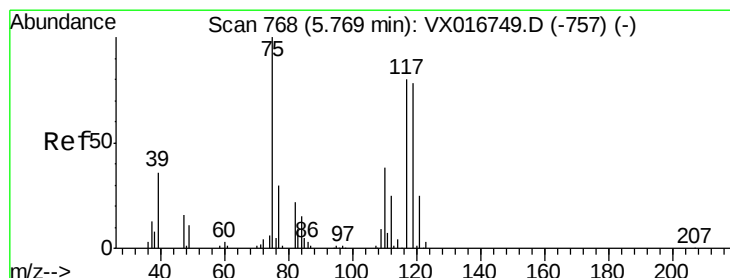
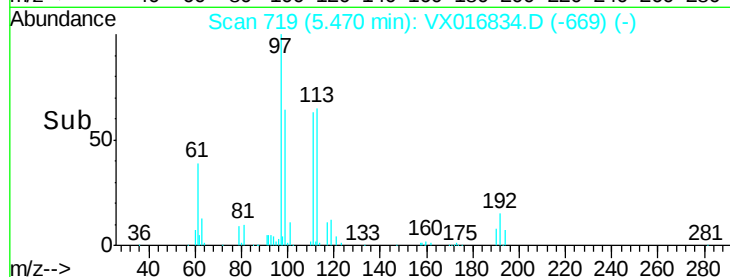
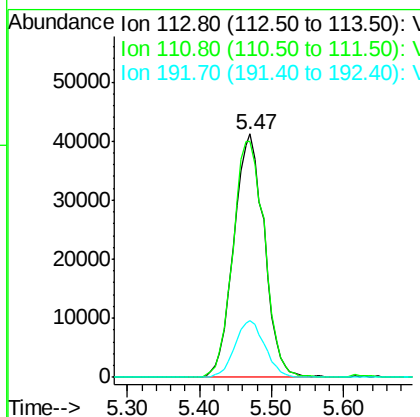
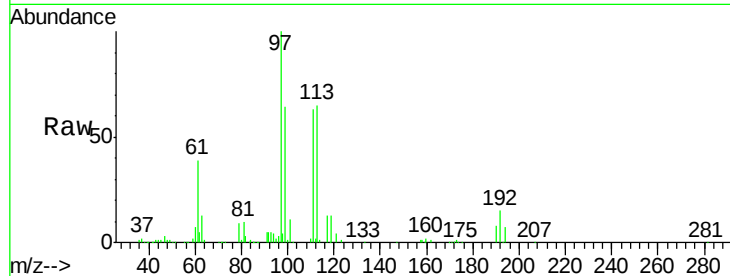
#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121082		
111	100.8	81.8	122.6	
192	22.9	18.2	27.4	

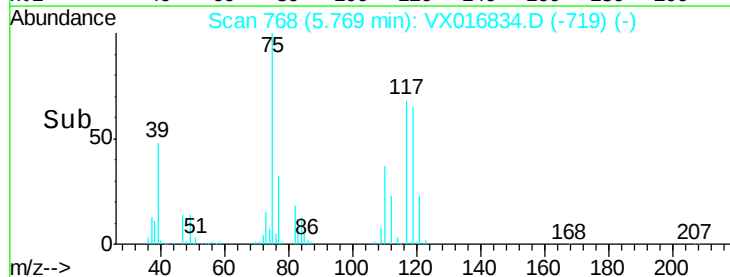
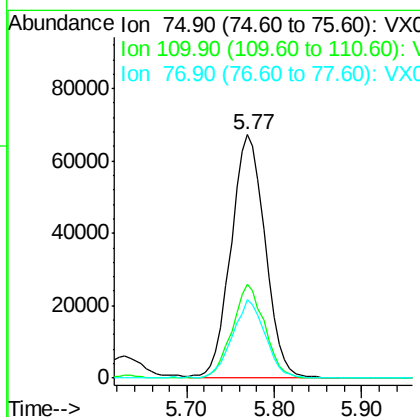
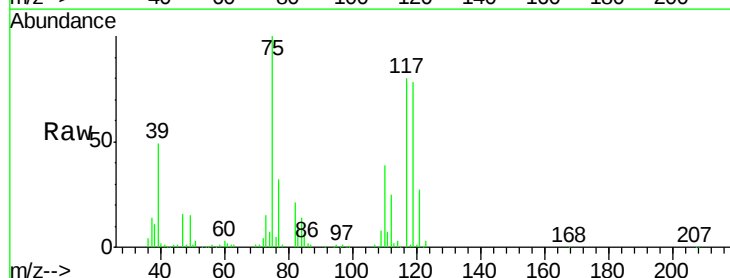
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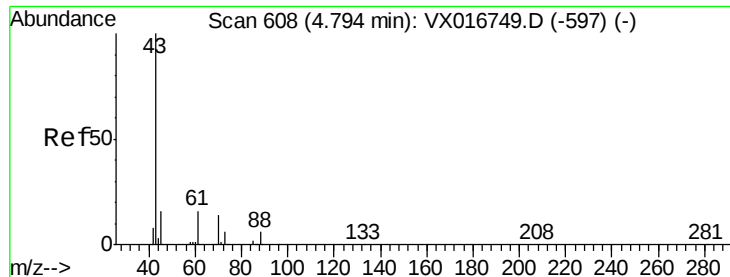
MMDadoda
 6/18/2020 11:17:00 AM



#36
 1,1-Dichloropropene
 Concen: 50.654 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	181002		
110	36.9	18.4	55.2	
77	30.9	24.7	37.1	





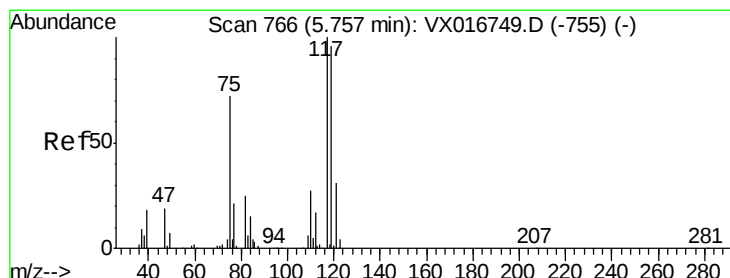
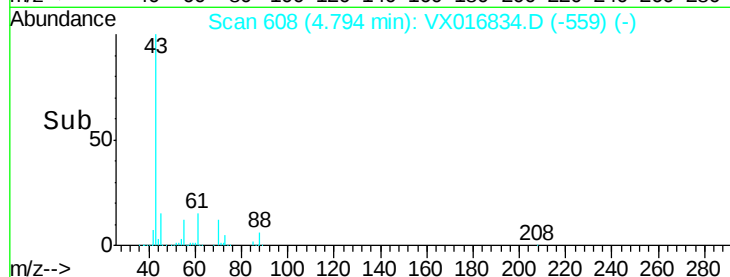
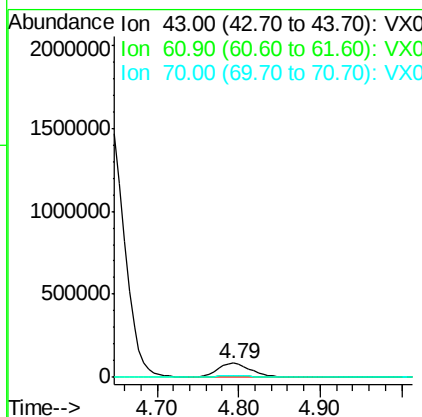
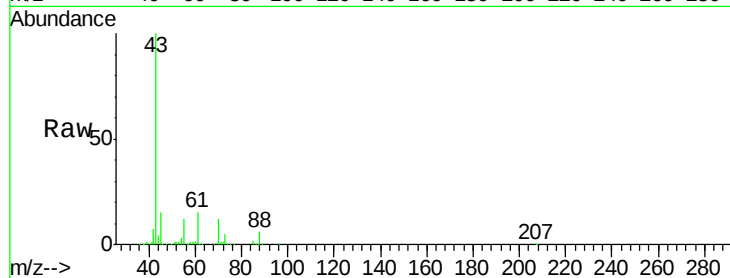
#37
Ethyl Acetate
Concen: 61.395 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	12.3	10.8	16.2

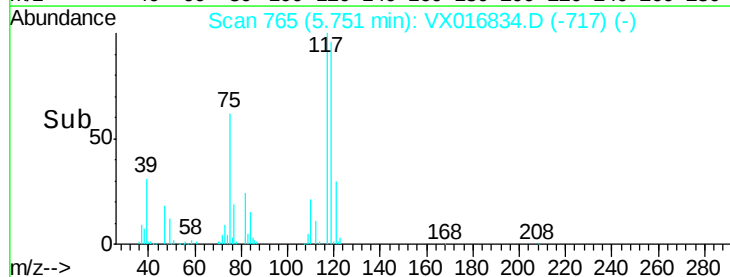
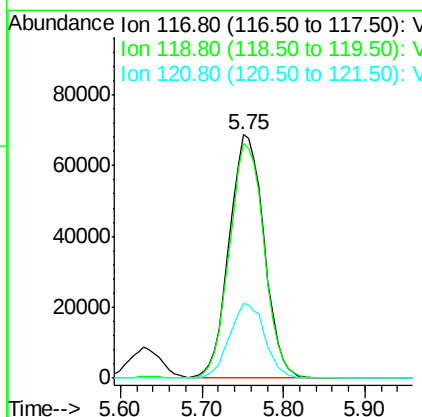
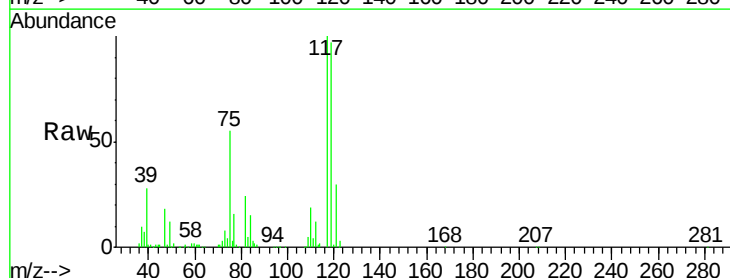
Manual Integrations
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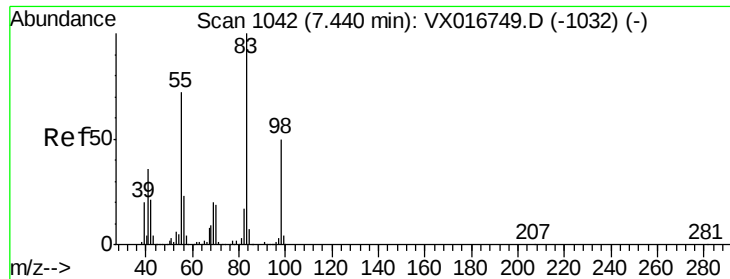
MMDadoda
6/18/2020 11:17:00 AM



#38
Carbon Tetrachloride
Concen: 49.991 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
121	30.4	24.7	37.1





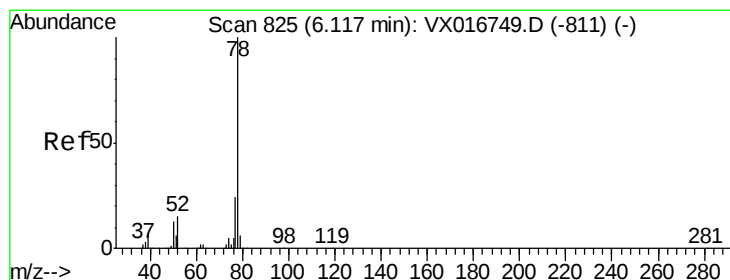
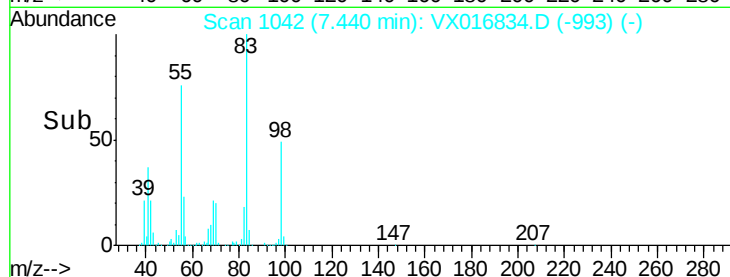
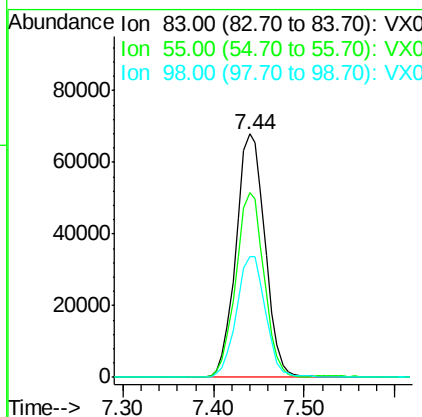
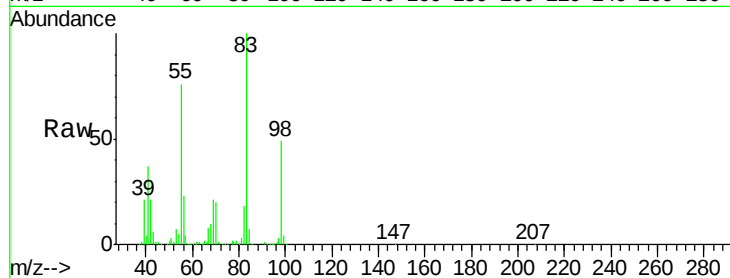
#39
Methvlcvclohexane
Concen: 36.562 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	57.3	85.9
98	49.5	40.3	60.5

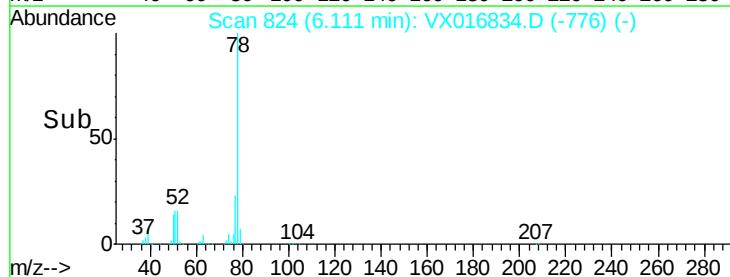
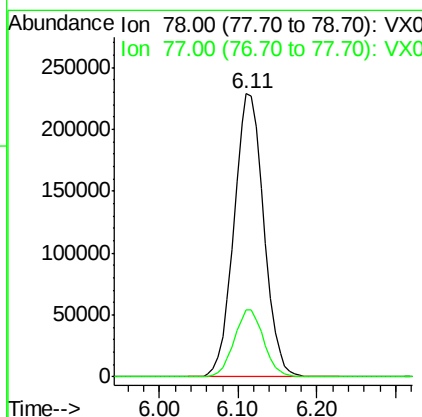
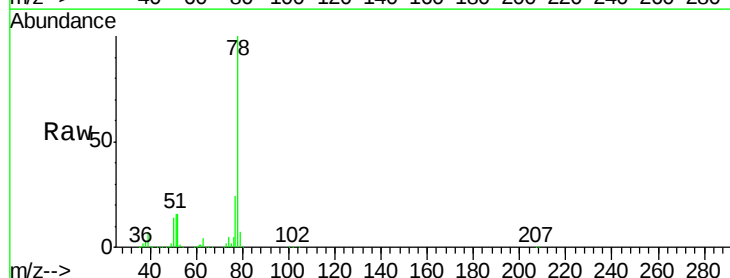
Manual Integrations
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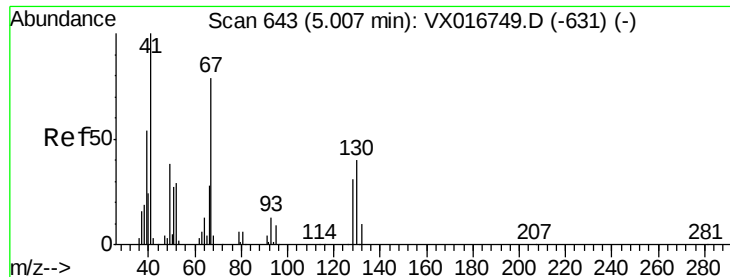
MMDadoda
6/18/2020 11:17:00 AM



#40
Benzene
Concen: 55.236 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41

Methacrylonitrile

Concen: 49.822 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

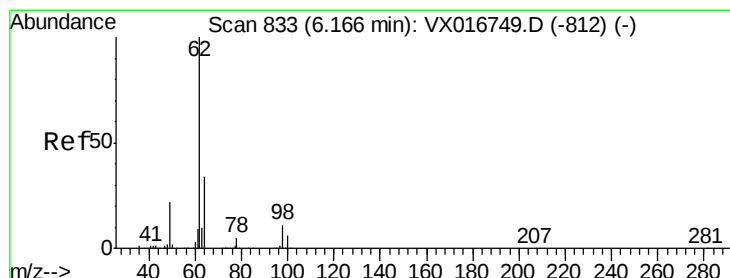
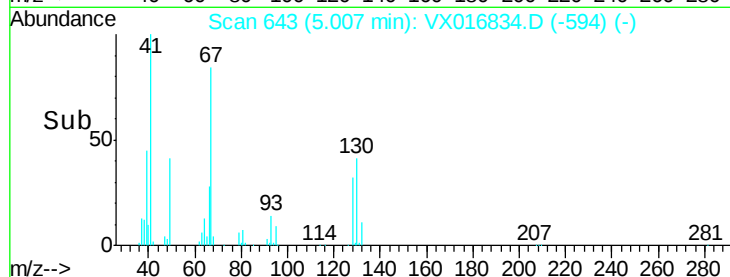
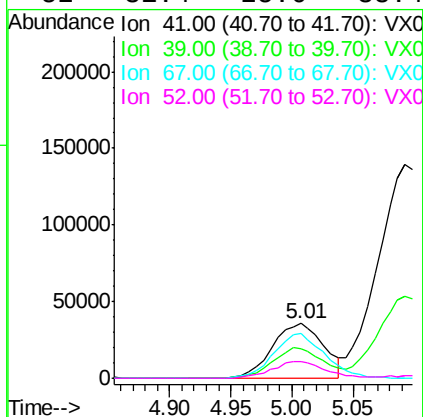
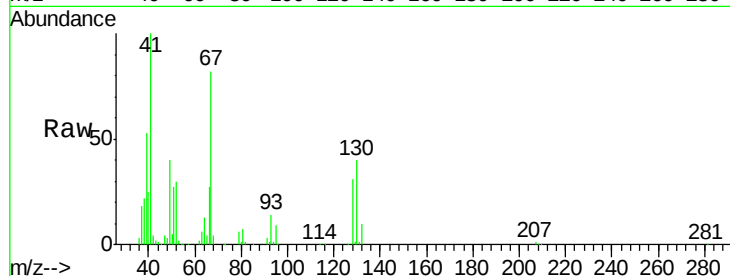
ClientSampleId :

S49-0563MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	43.7	65.5	
67	82.3	64.6	96.8	
52	31.4	25.6	38.4	

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MMDadoda
6/18/2020 11:17:00 AM



#42

1,2-Dichloroethane

Concen: 51.976 ug/l

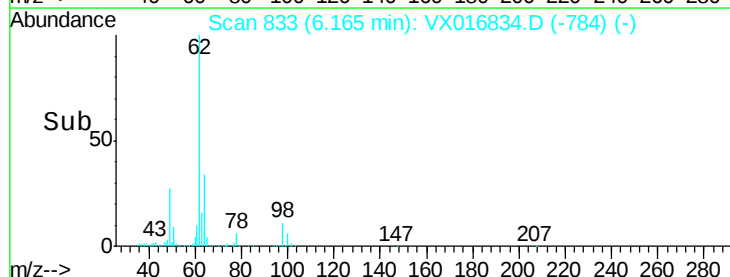
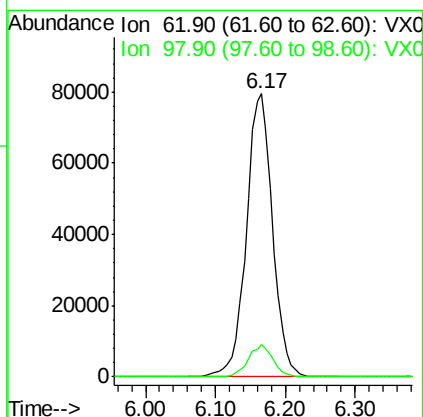
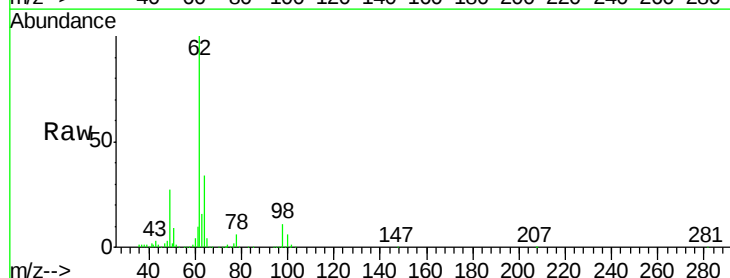
RT: 6.17 min Scan# 833

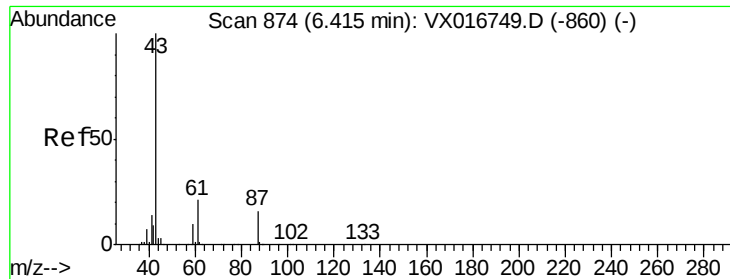
Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.2	





#43

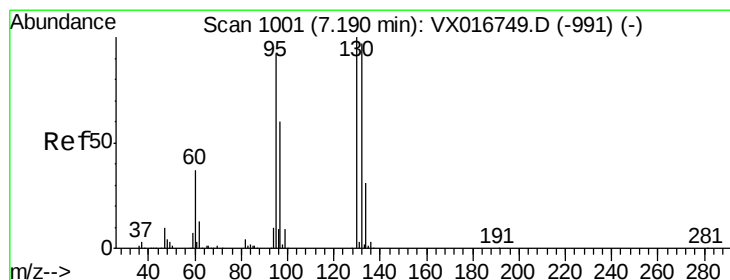
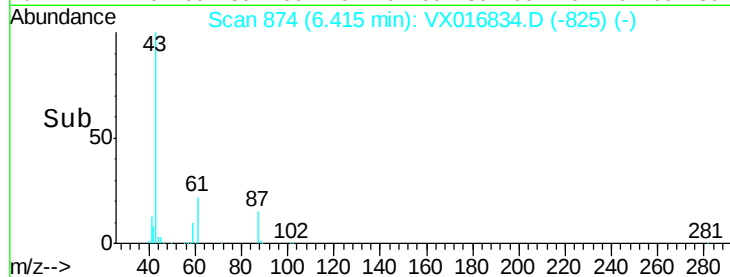
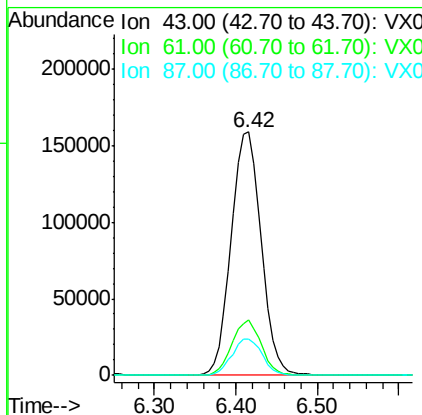
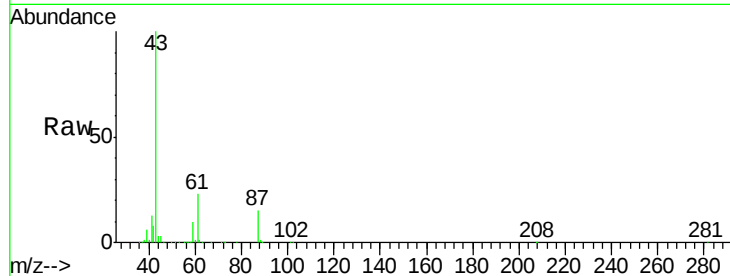
Isopropyl Acetate
 Concen: 65.522 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.7	26.5
87	15.1	12.5	18.7

Manual Integrations
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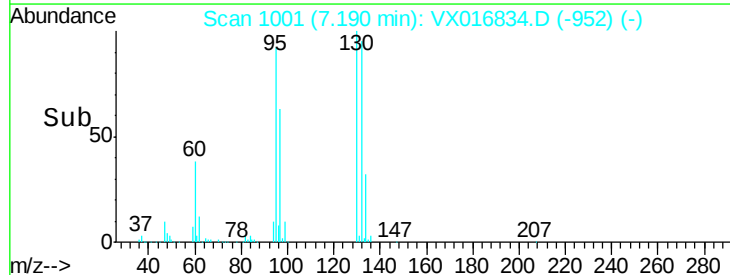
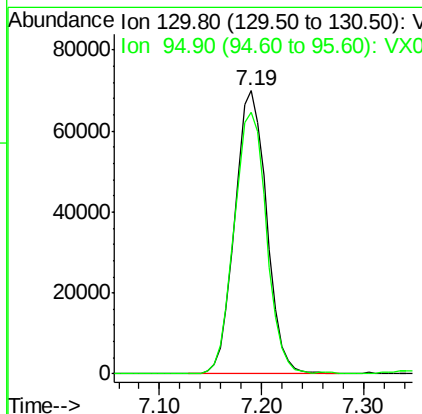
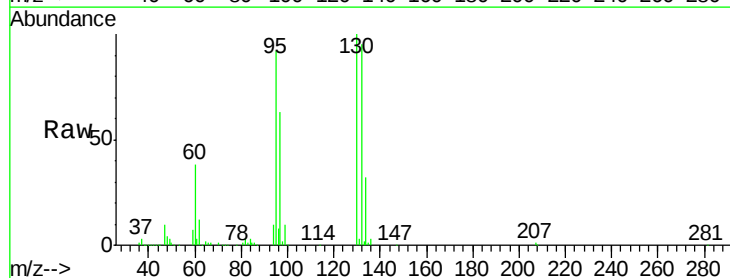
MMDadoda
 6/18/2020 11:17:00 AM

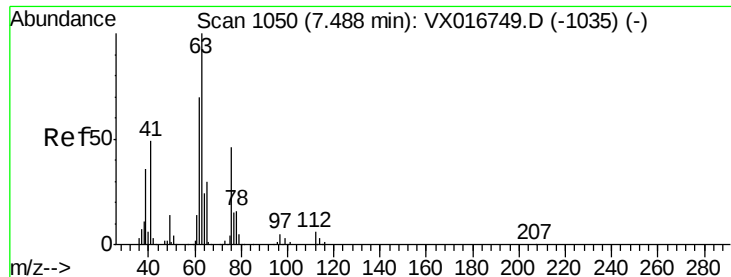


#44

Trichloroethene
 Concen: 44.951 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	183.6





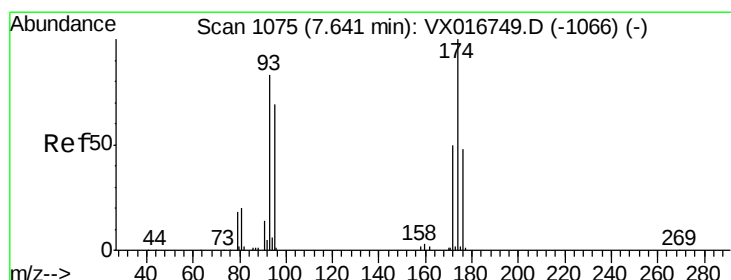
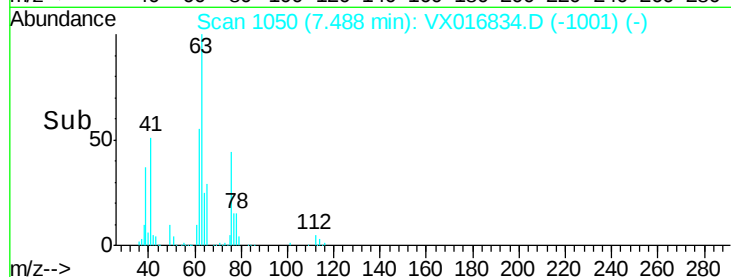
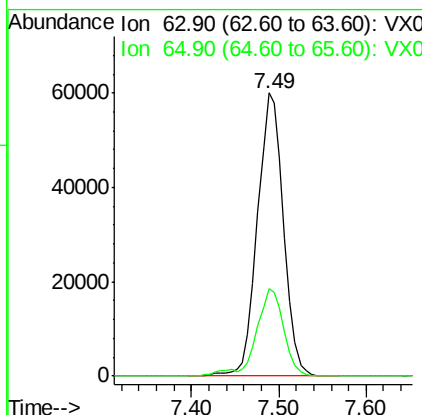
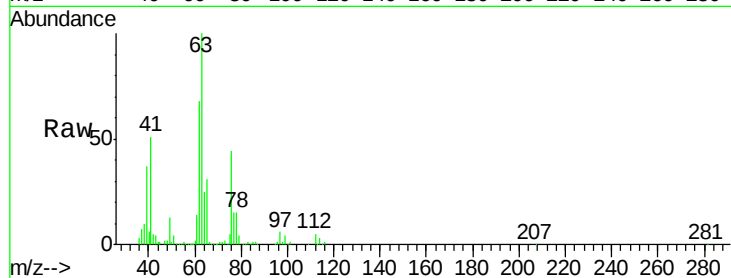
#45
 1,2-Dichloropropane
 Concen: 46.667 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.2	36.2

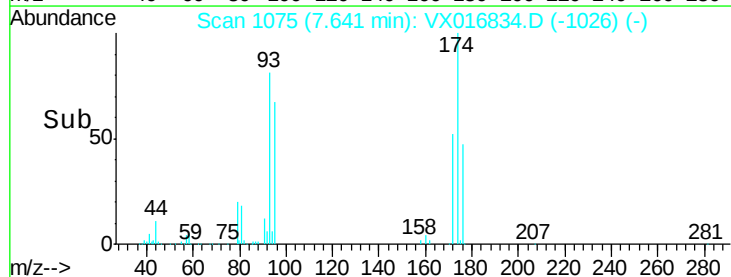
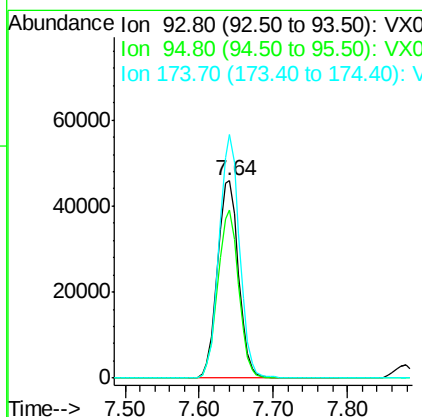
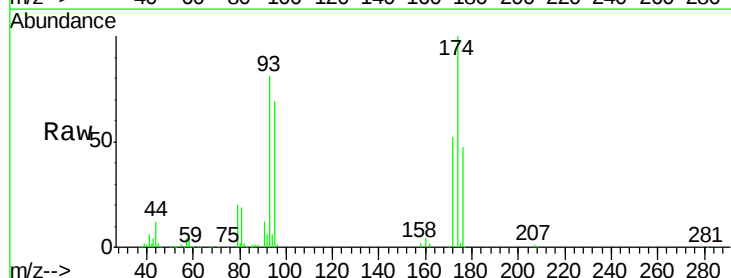
Manual Integrations
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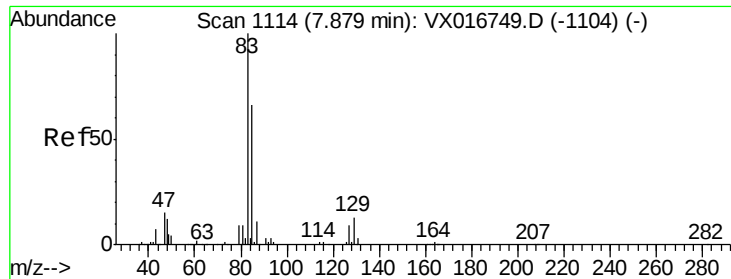
MMDadoda
 6/18/2020 11:17:00 AM



#46
 Dibromomethane
 Concen: 46.464 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.9	100.3
174	118.6	93.8	140.8





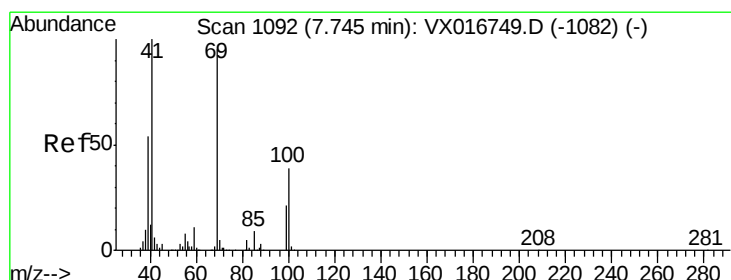
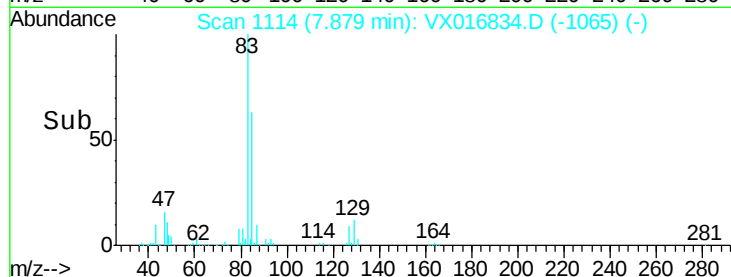
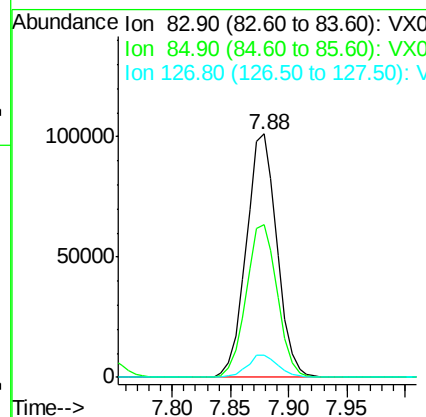
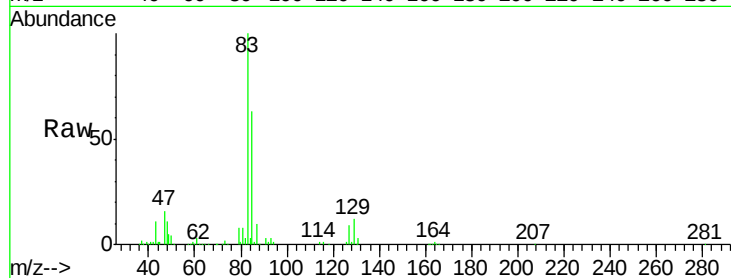
#47
Bromodichloromethane
Concen: 45.823 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	185696		
85	62.8		52.5	78.7
127	9.3		7.5	11.3

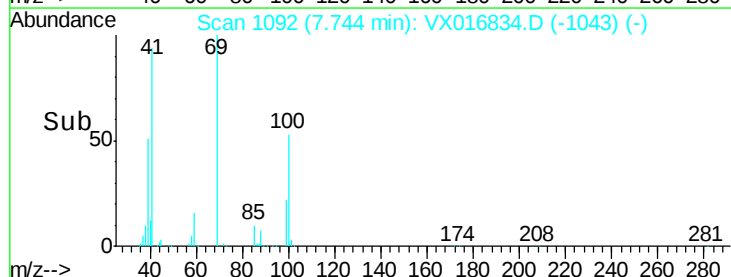
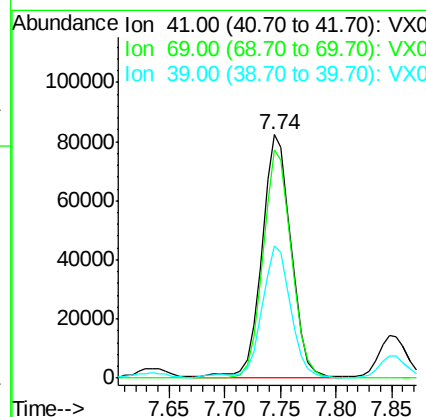
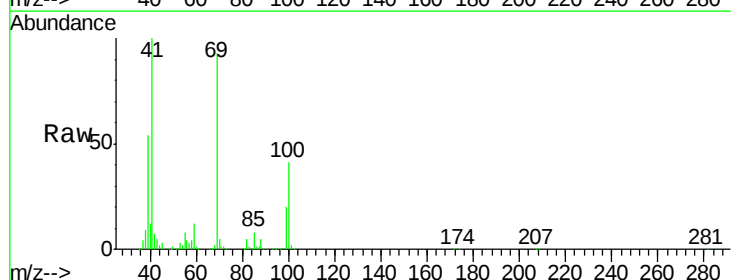
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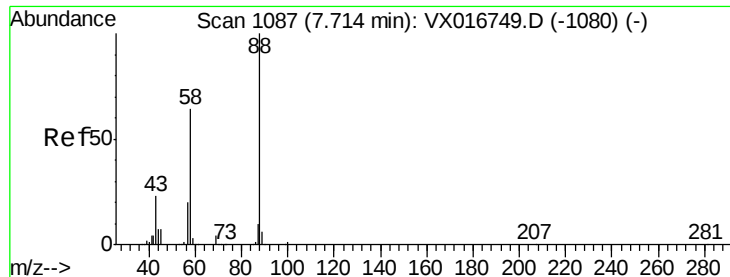
MMDadoda
6/18/2020 11:17:00 AM



#48
Methyl methacrylate
Concen: 51.408 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	149436		
69	92.3		75.0	112.6
39	52.9		44.3	66.5





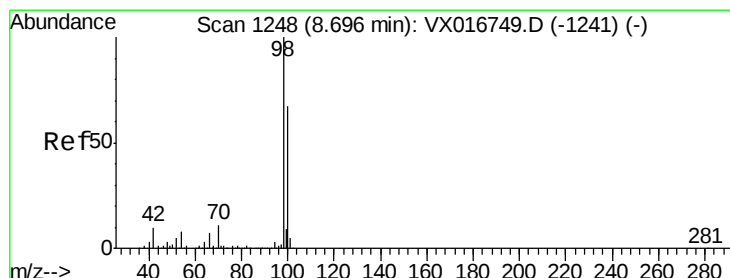
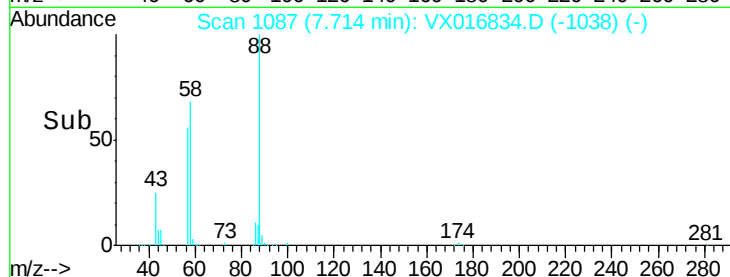
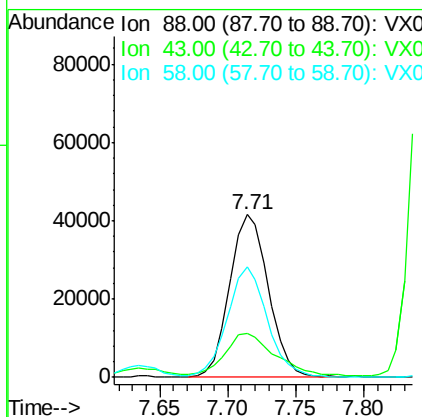
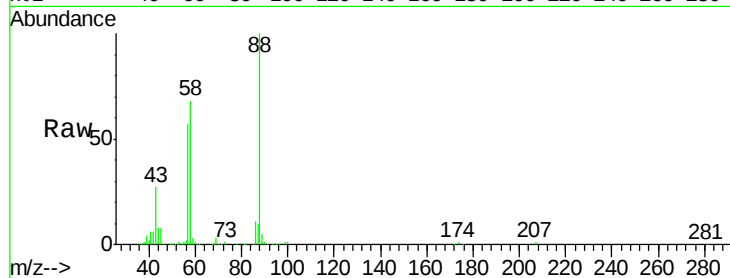
#49
1,4-Dioxane
Concen: 1139.329 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	22.9	34.3
58	70.8	53.7	80.5

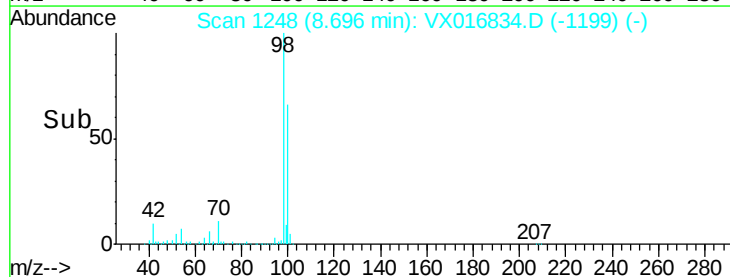
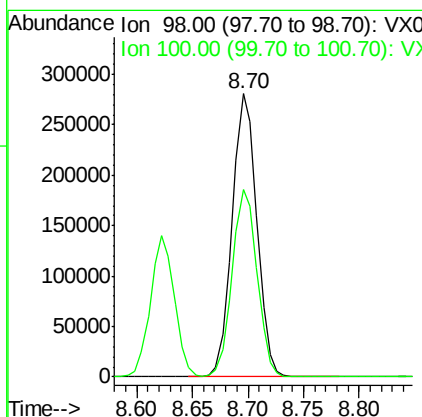
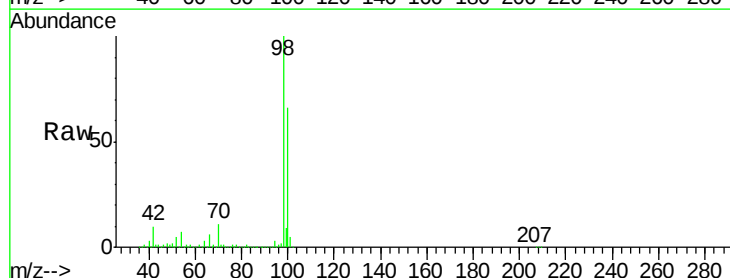
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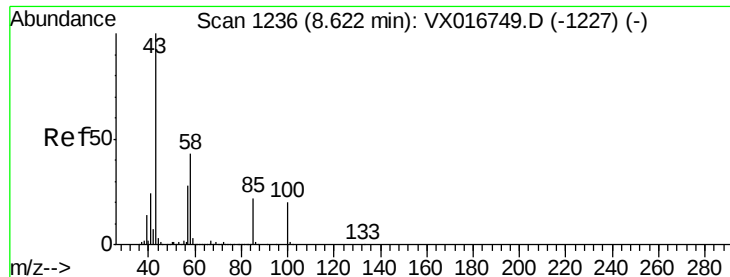
MMDadoda
6/18/2020 11:17:00 AM



#50
Toluene-d8
Concen: 46.805 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 279.790 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 43 Resp: 1057396

Ion Ratio Lower Upper

43 100

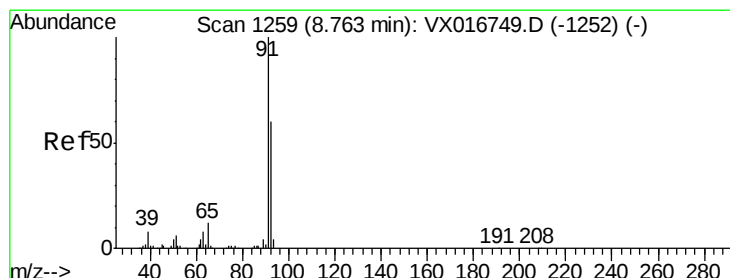
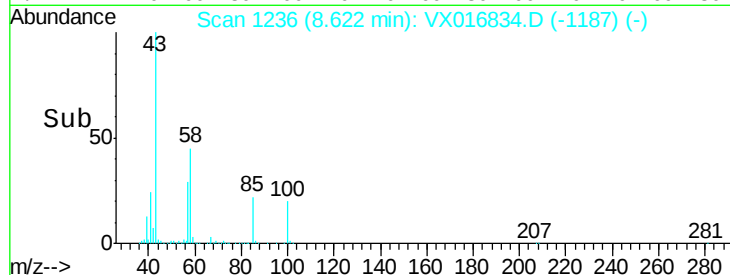
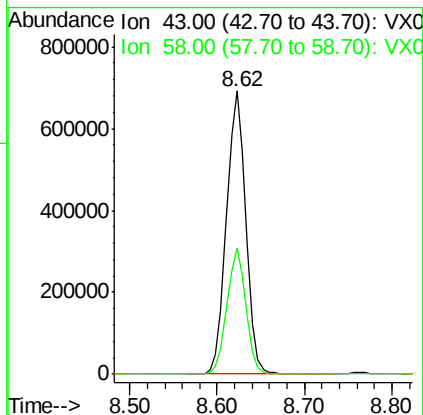
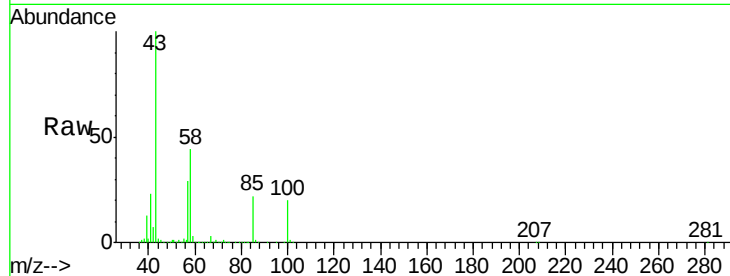
58 43.4 34.6 52.0

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#52

Toluene

Concen: 48.413 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016834.D

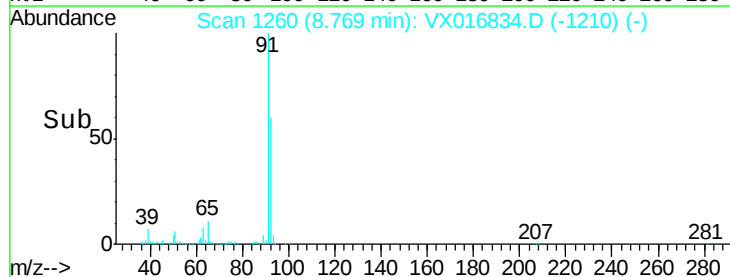
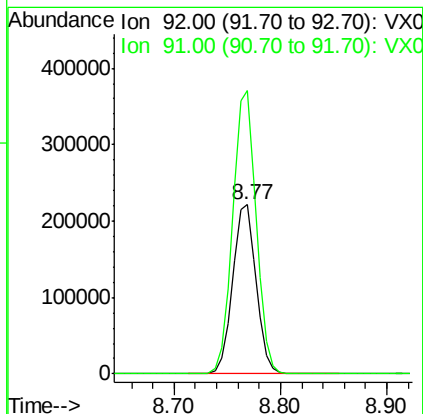
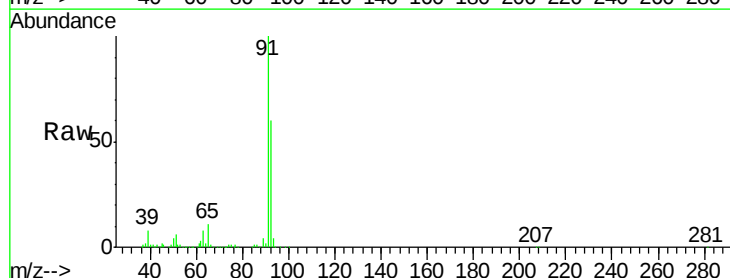
Acq: 17 Jun 2020 21:52

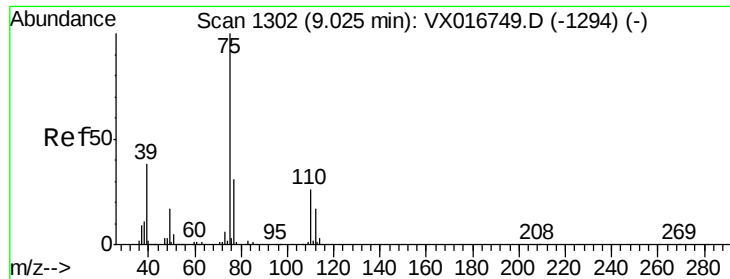
Tgt Ion: 92 Resp: 342129

Ion Ratio Lower Upper

92 100

91 167.6 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 45.391 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion: 75 Resp: 207762

Ion Ratio Lower Upper

75 100

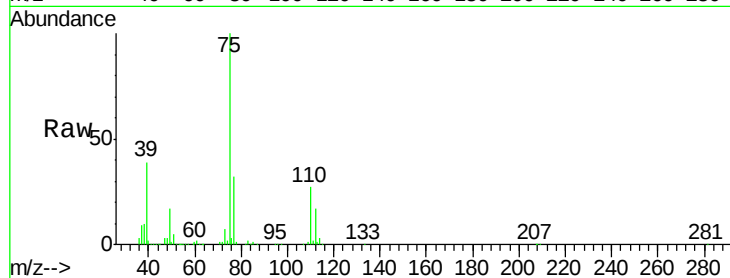
77 32.4 24.7 37.1

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

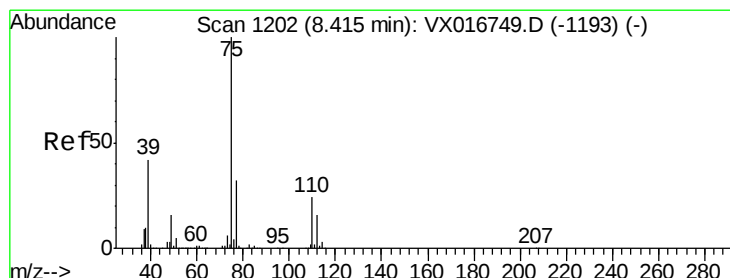
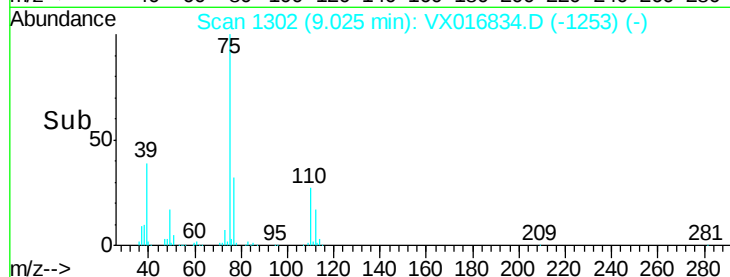
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.306 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

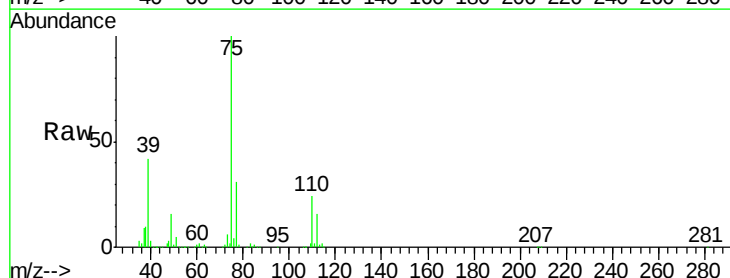
Tgt Ion: 75 Resp: 216310

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 41.7 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

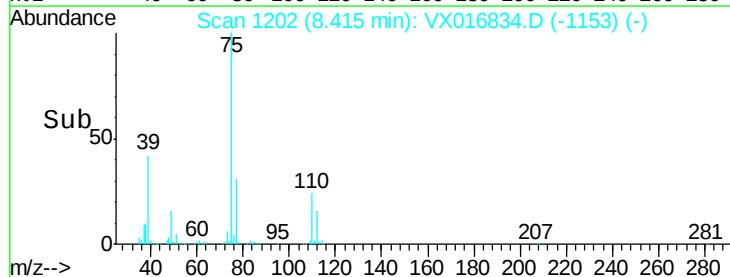
100000

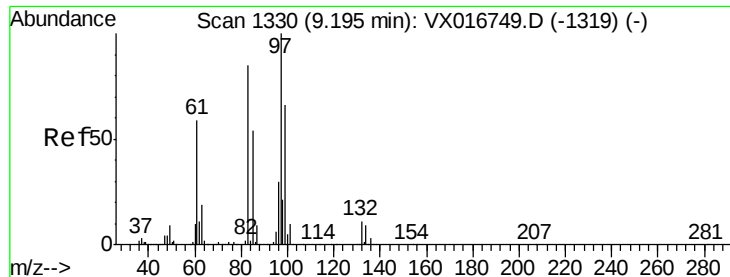
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->





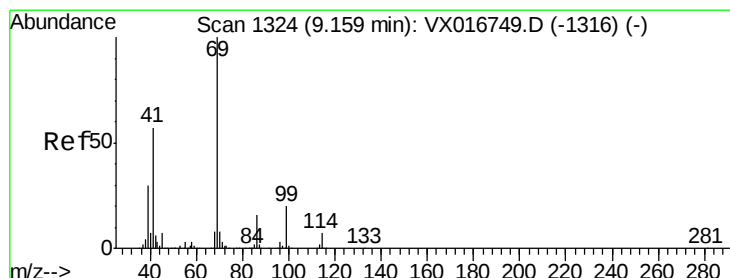
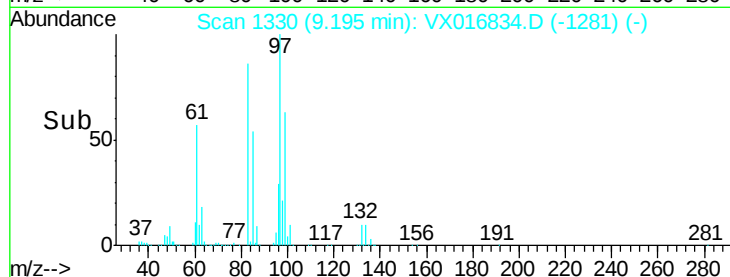
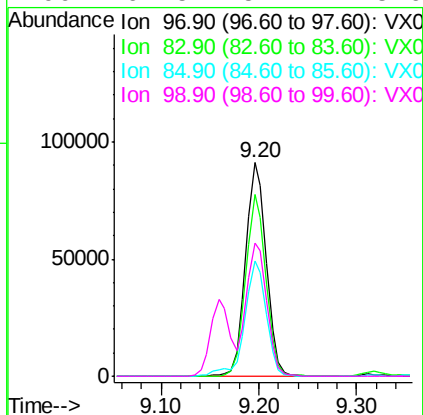
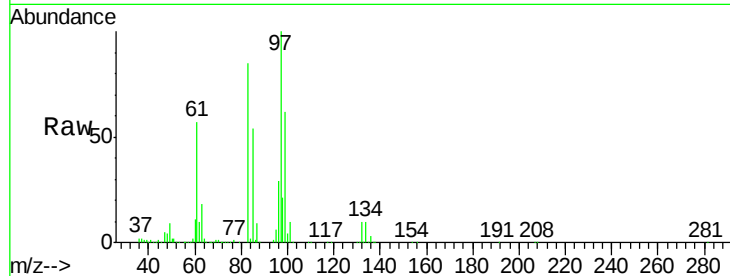
#55
 1,1,2-Trichloroethane
 Concen: 47.185 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.3	102.5
85	53.9	43.5	65.3
99	62.5	52.4	78.6

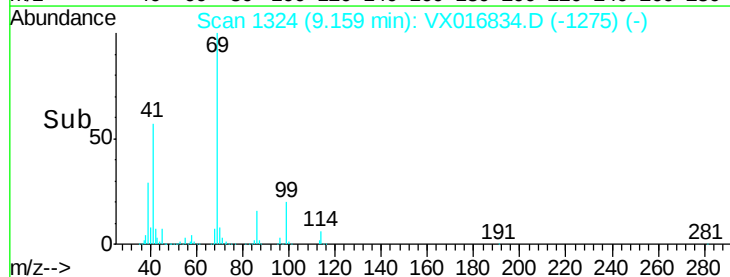
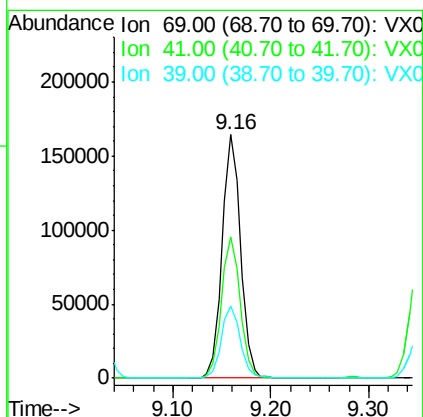
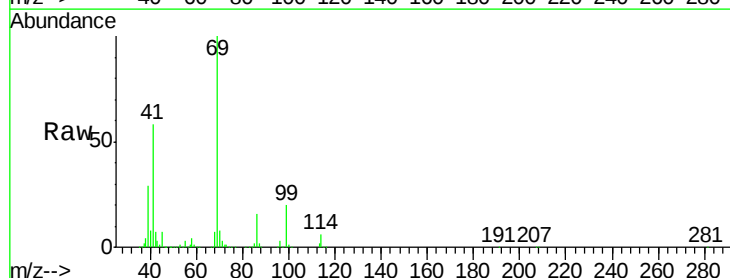
Manual Integrations
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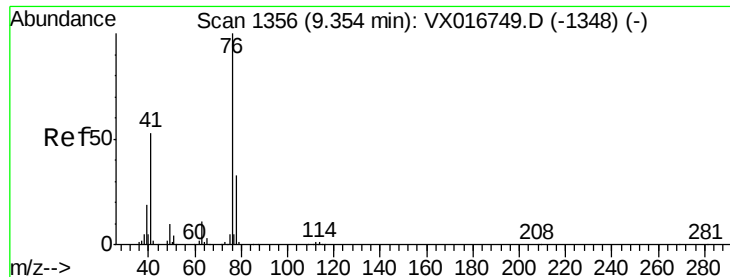
MMDadoda
 6/18/2020 11:17:00 AM



#56
 Ethyl methacrylate
 Concen: 50.798 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.1	70.7
39	29.9	25.0	37.6





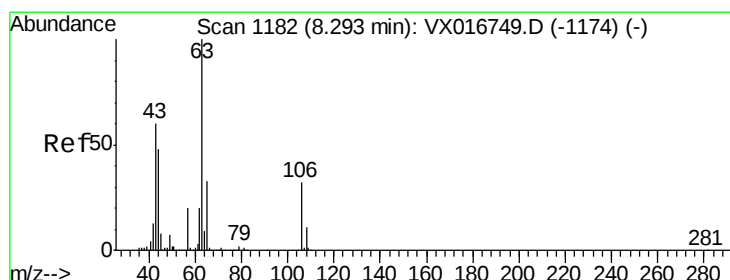
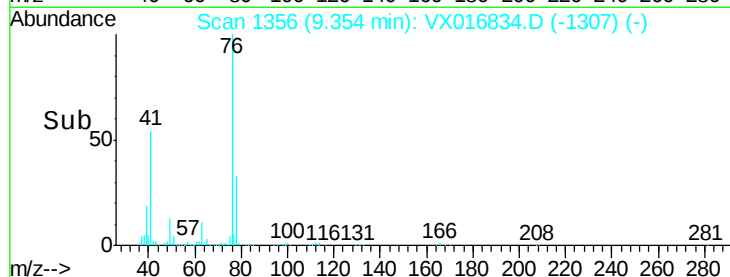
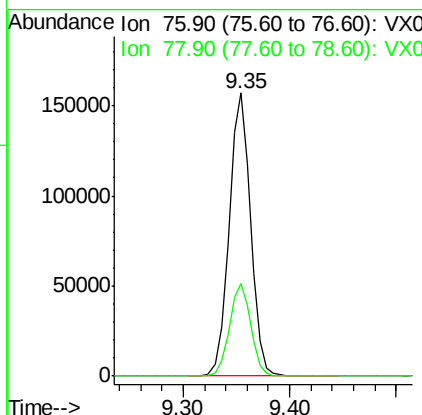
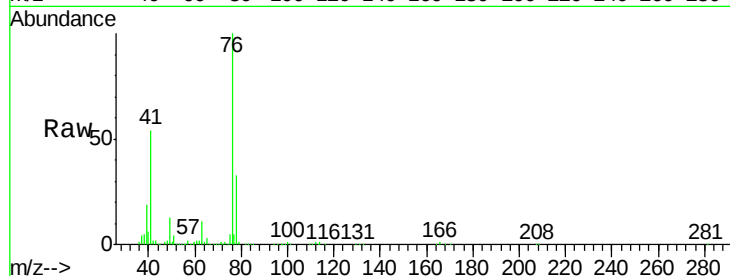
#57
 1,3-Dichloropropane
 Concen: 46.262 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.7	38.5

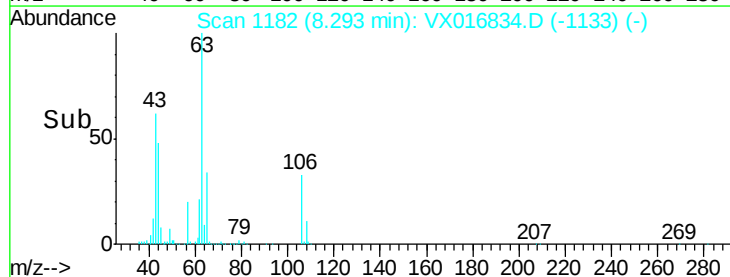
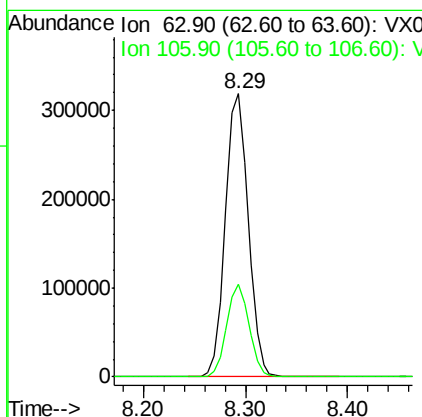
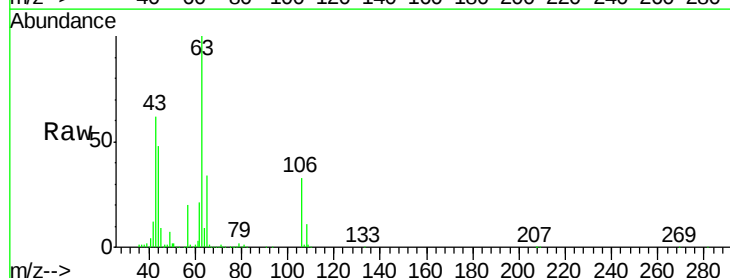
Manual Integrations
 APPROVED

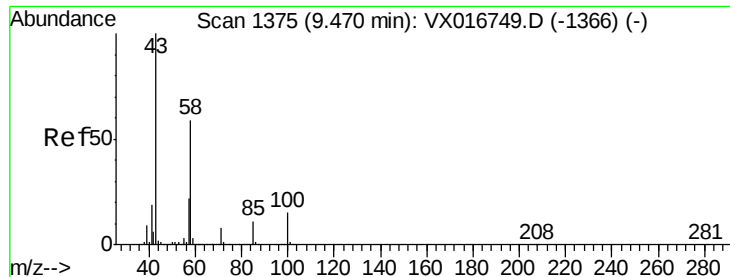
MMDadoda
 6/18/2020 11:17:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.556 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	25.5	38.3





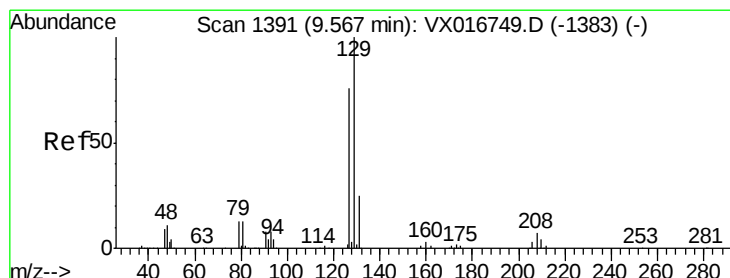
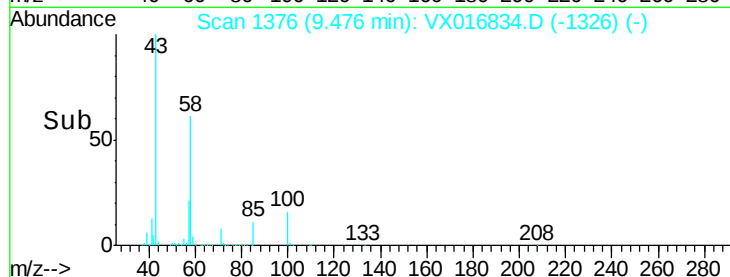
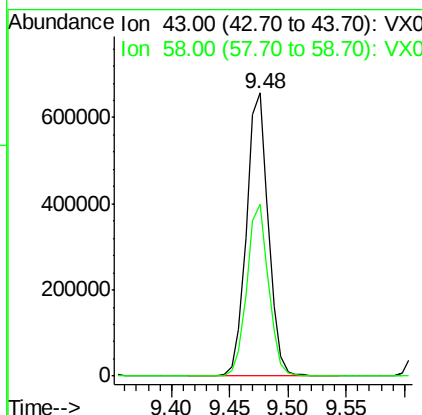
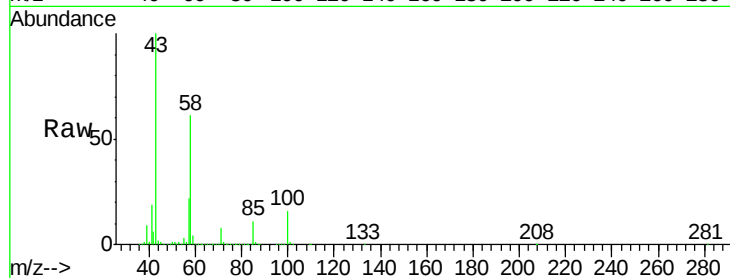
#59
2-Hexanone
Concen: 295.289 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion: 43 Resp: 861492
Ion Ratio Lower Upper
43 100
58 60.6 29.9 89.8

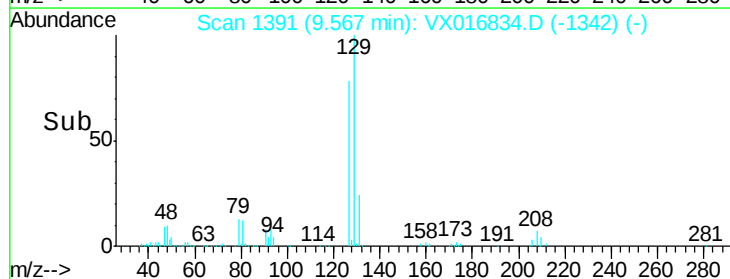
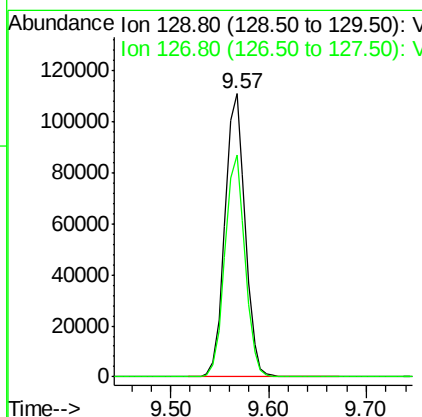
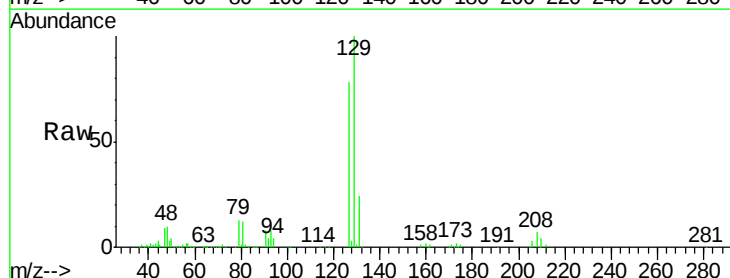
Manual Integrations
APPROVED

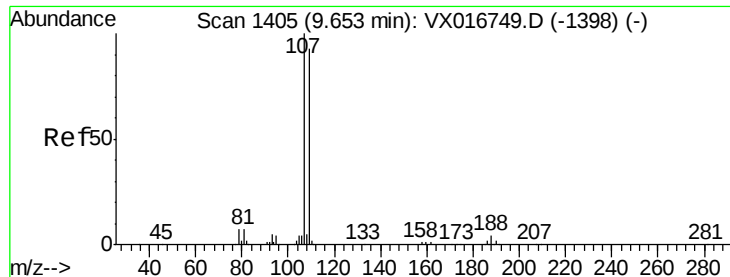
MMDadoda
6/18/2020 11:17:00 AM



#60
Dibromochloromethane
Concen: 47.444 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 129 Resp: 159356
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





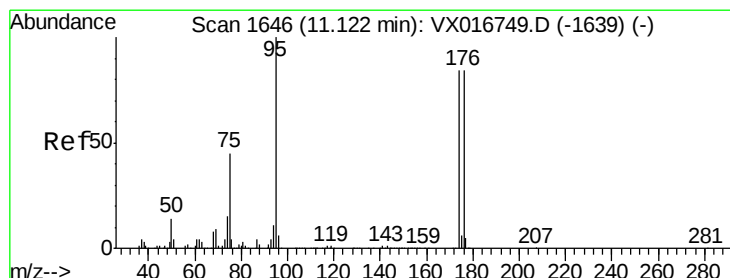
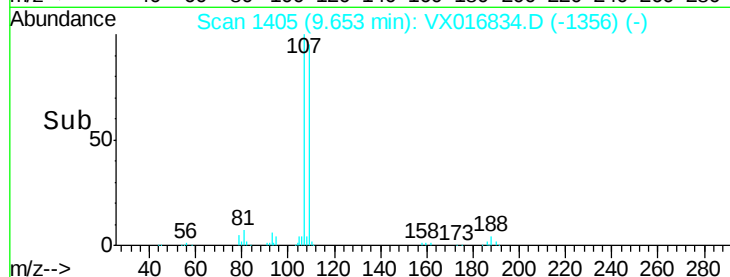
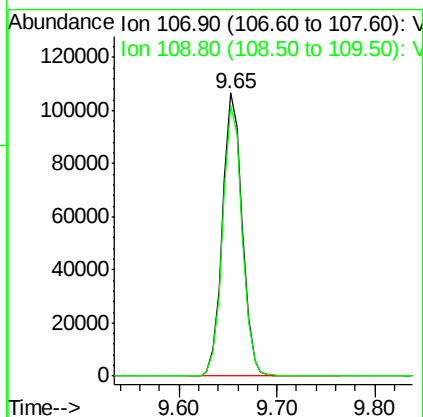
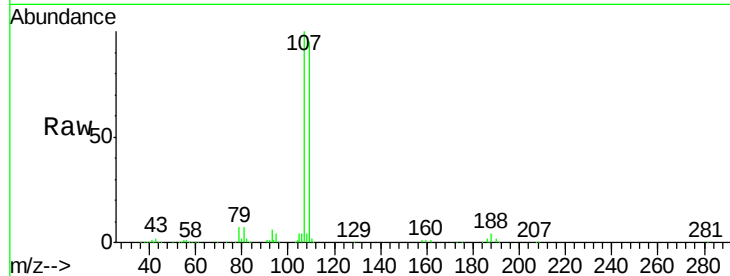
#61
 1,2-Dibromoethane
 Concen: 47.996 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	74.2	111.4

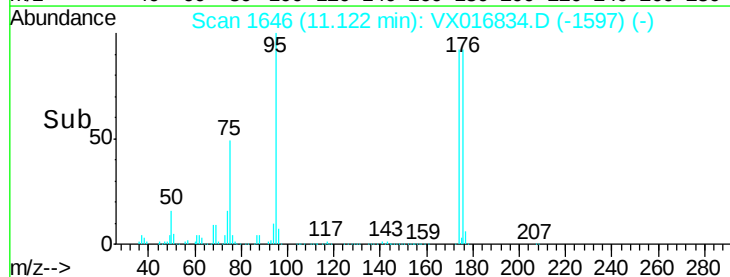
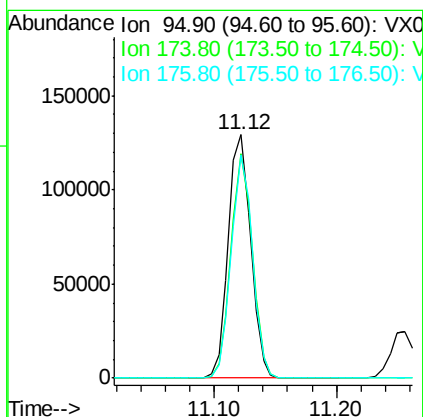
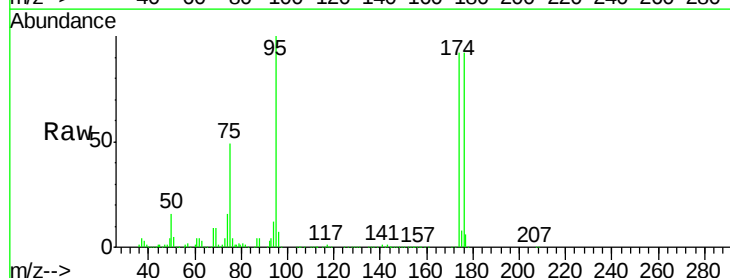
Manual Integrations
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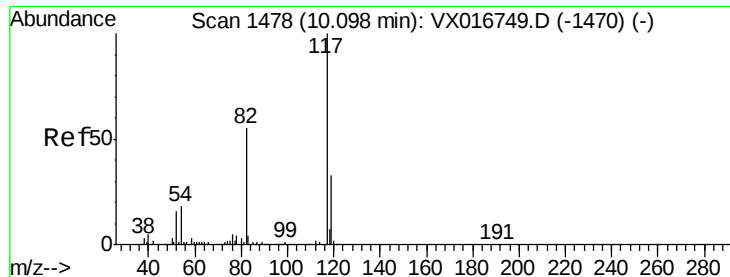
MMDadoda
 6/18/2020 11:17:00 AM



#62
 4-Bromofluorobenzene
 Concen: 46.615 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	171.0
176	86.5	0.0	166.2





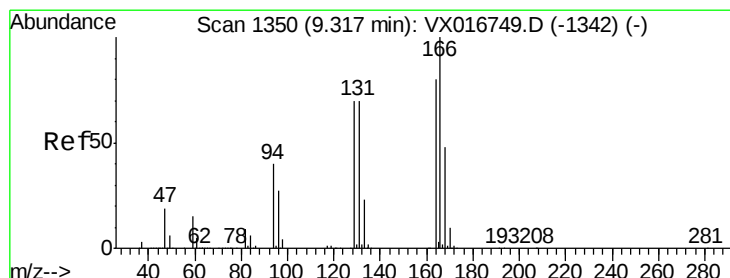
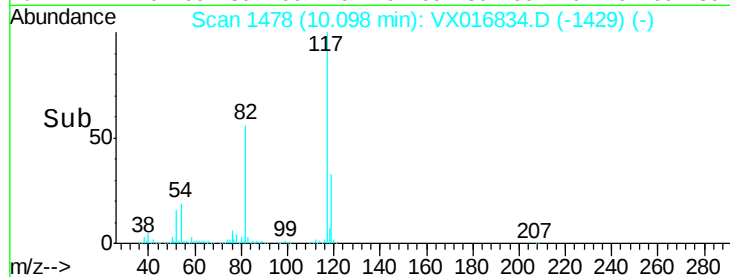
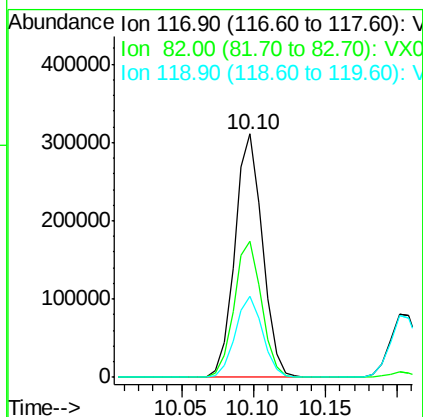
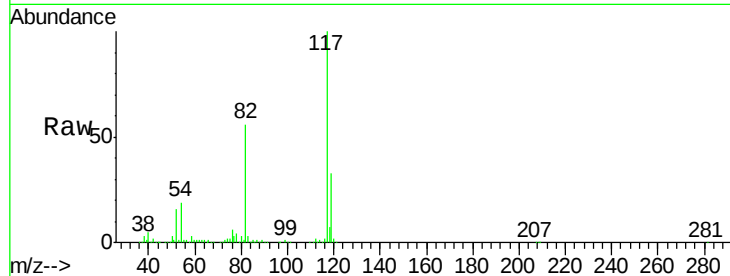
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415521		
82	55.8	43.8	65.6	
119	33.4	26.2	39.4	

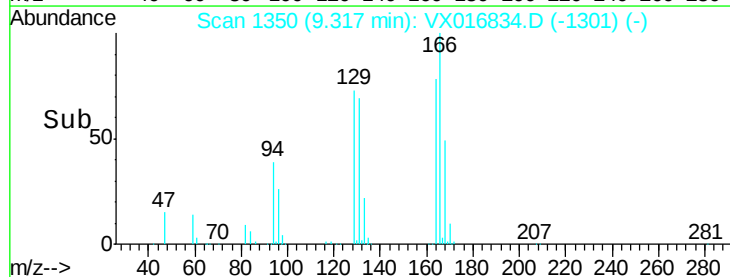
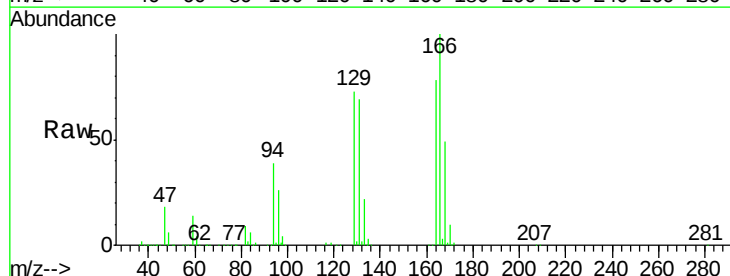
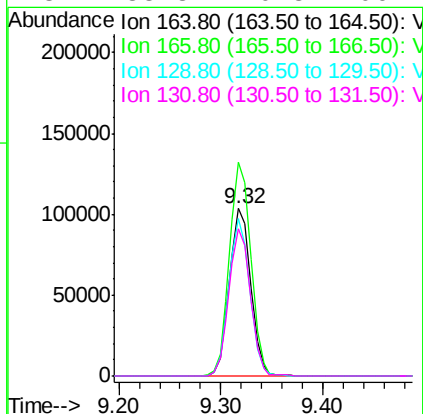
Manual Integrations
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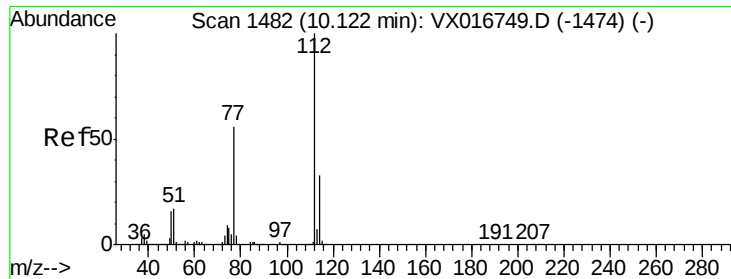
MMDadoda
6/18/2020 11:17:00 AM



#64
Tetrachloroethene
Concen: 37.448 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149420		
166	127.7	100.6	150.8	
129	93.9	70.1	105.1	
131	88.3	70.8	106.2	





#65

Chlorobenzene

Concen: 51.819 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion:112 Resp: 436901

Ion Ratio Lower Upper

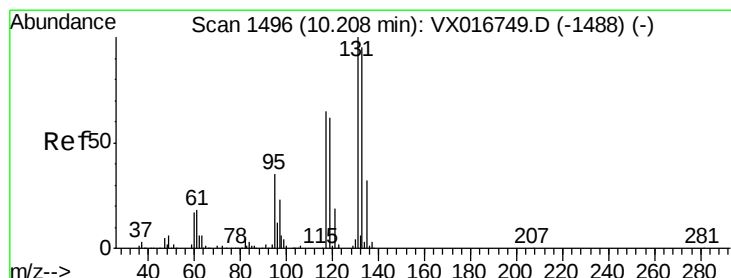
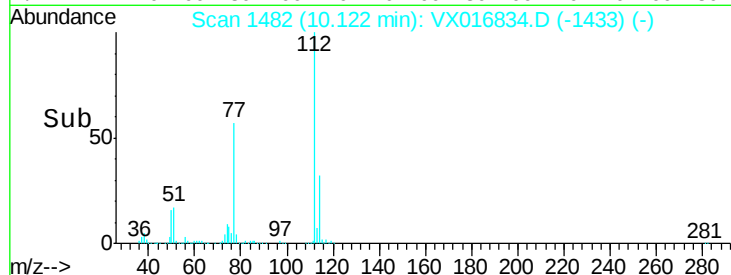
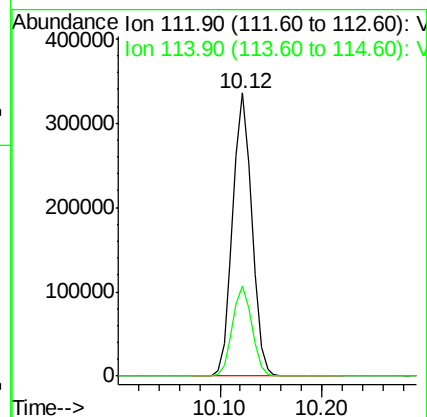
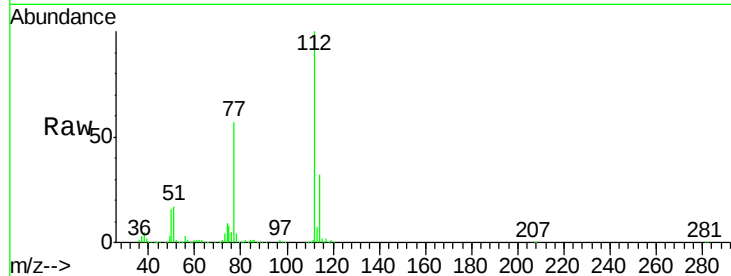
112 100

114 32.0 26.2 39.4

Manual Integrations
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MMDadoda

6/18/2020 11:17:00 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.597 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

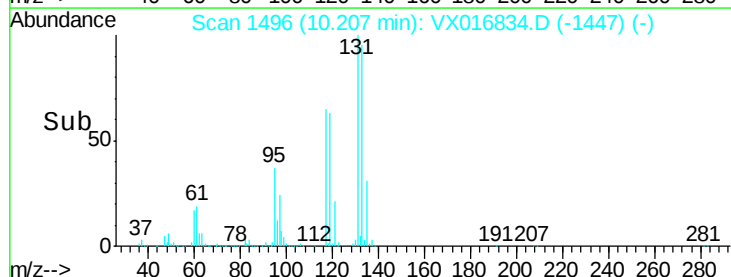
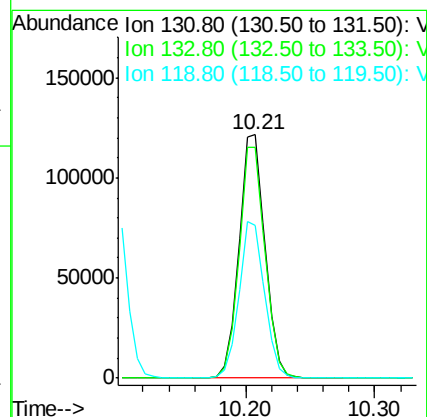
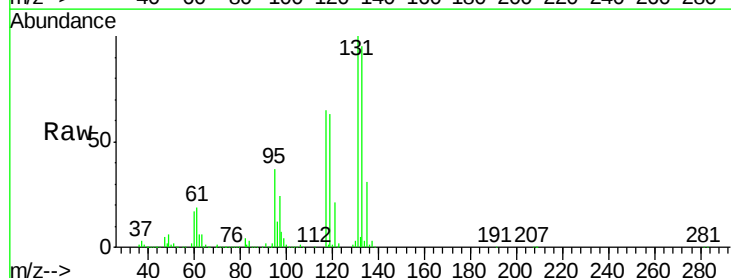
Tgt Ion:131 Resp: 170182

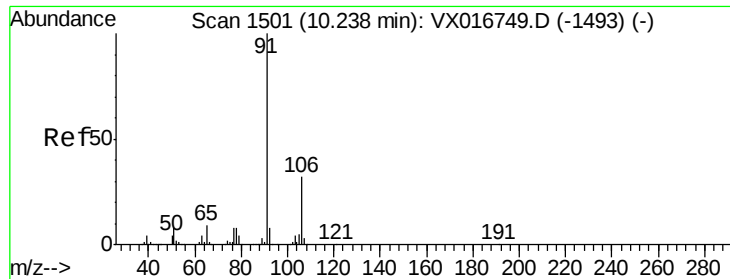
Ion Ratio Lower Upper

131 100

133 95.2 46.8 140.3

119 63.3 31.4 94.0





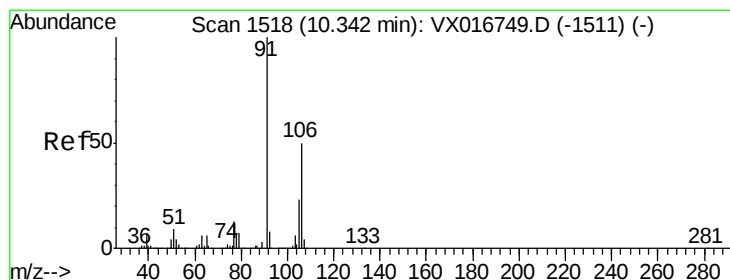
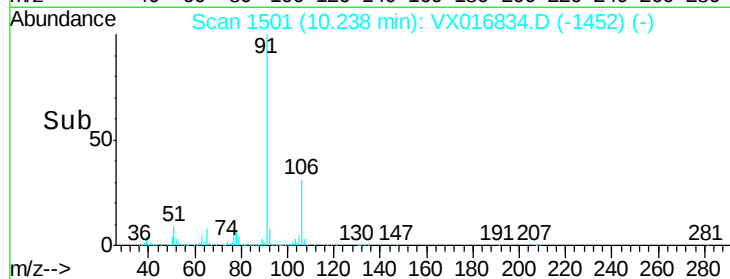
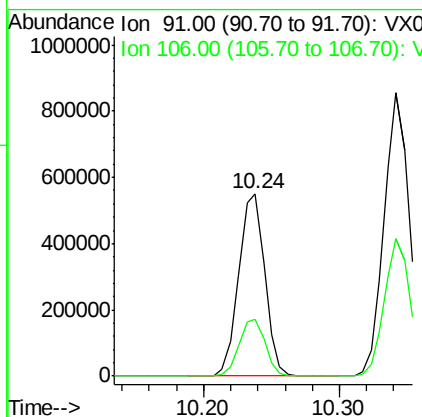
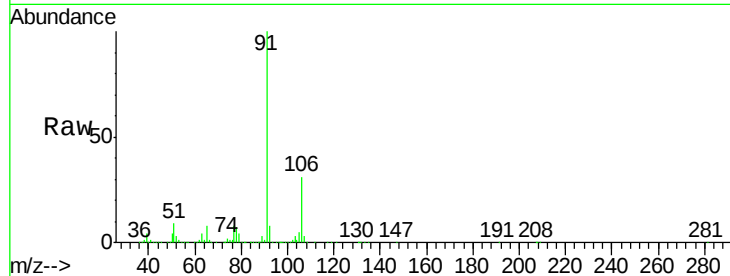
#67
Ethyl Benzene
Concen: 51.459 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion: 91 Resp: 733470
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

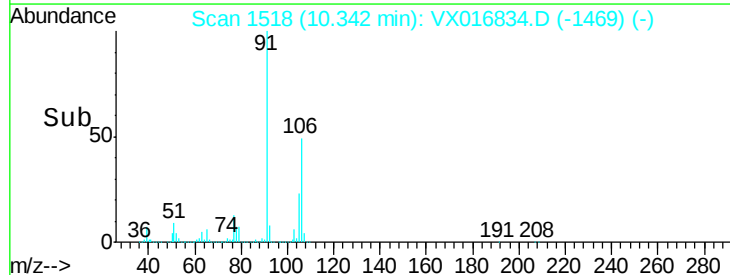
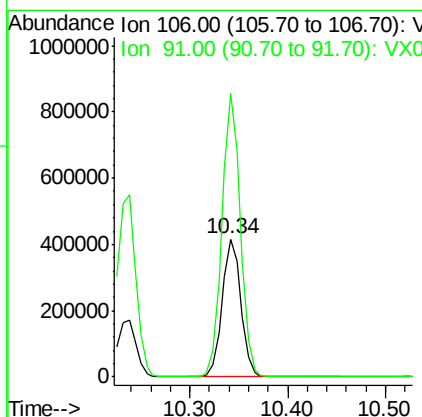
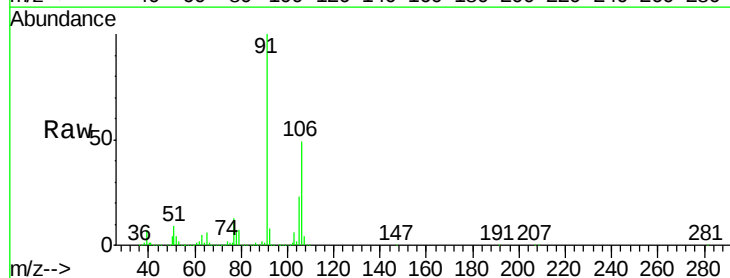
Manual Integrations
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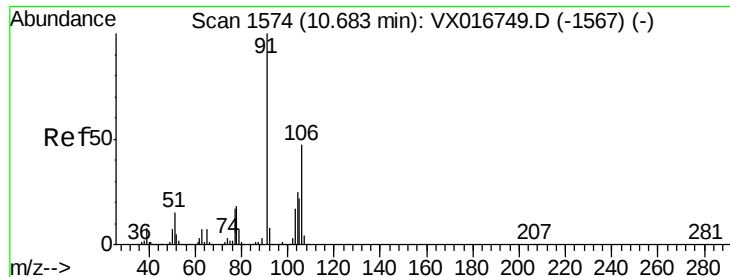
MMDadoda
6/18/2020 11:17:00 AM



#68
m/p-Xylenes
Concen: 101.233 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 106 Resp: 547089
Ion Ratio Lower Upper
106 100
91 202.4 161.2 241.8





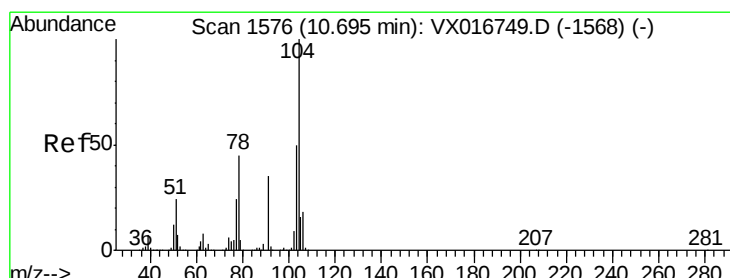
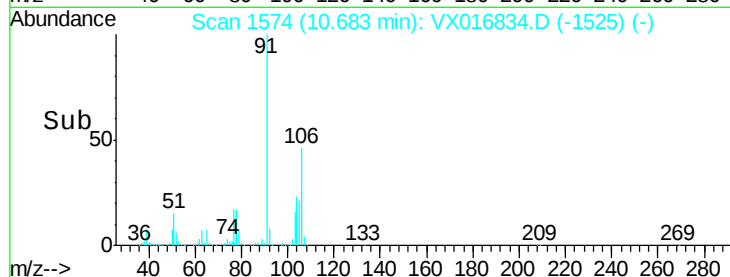
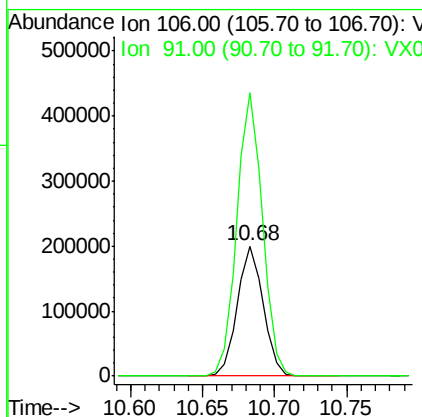
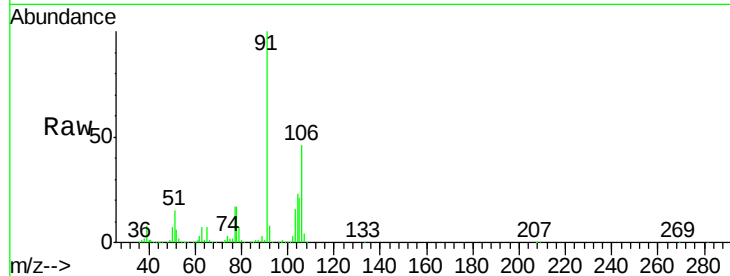
#69
o-Xylene
Concen: 48.170 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampled :
S49-0563MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		250794		
91	215.8	106.9	320.8		

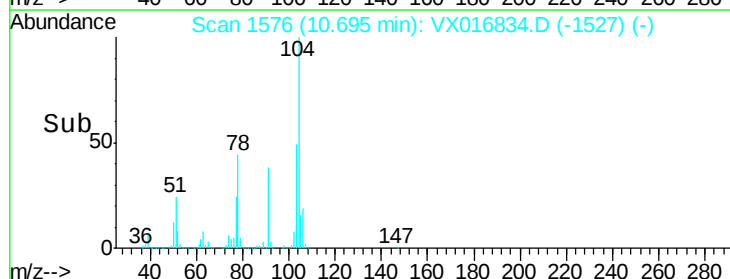
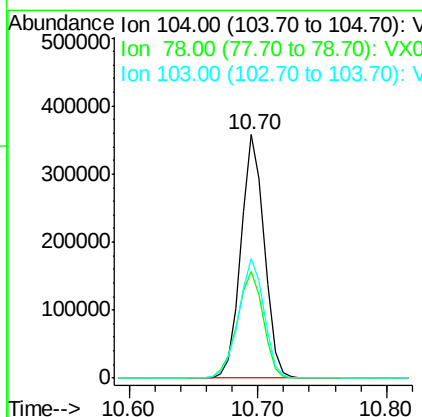
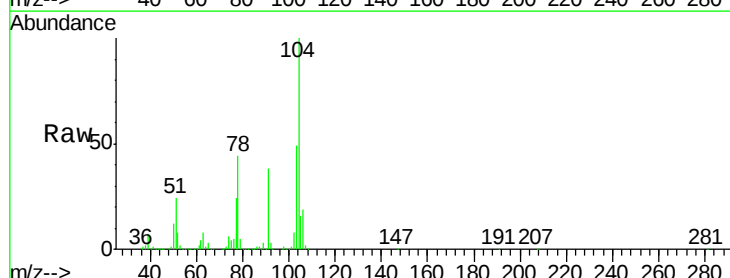
Manual Integrations
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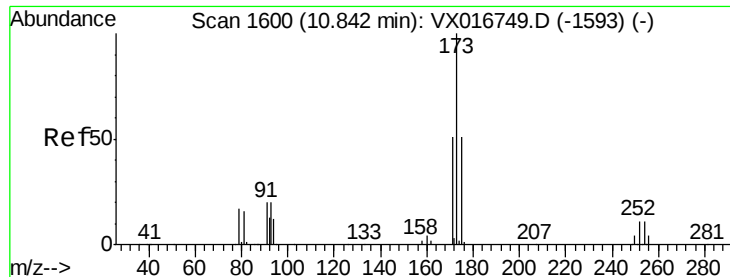
MMDadoda
6/18/2020 11:17:00 AM



#70
Styrene
Concen: 49.800 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		448216		
78	49.1	39.8	59.8		
103	53.6	43.4	65.2		





#71

Bromoform

Concen: 51.115 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

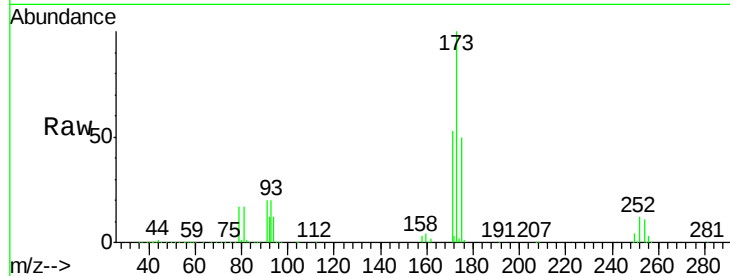
ClientSampleId :

S49-0563MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.1	75.4
254	0.1	0.1	0.1

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MMDadoda
6/18/2020 11:17:00 AM

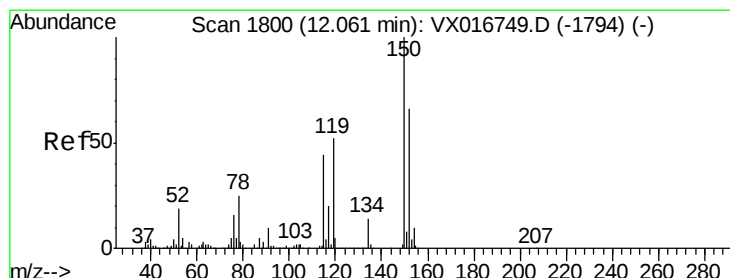
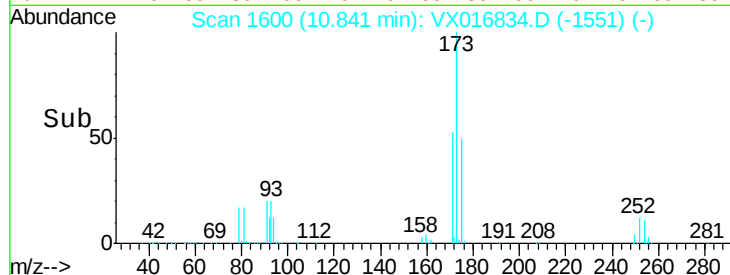
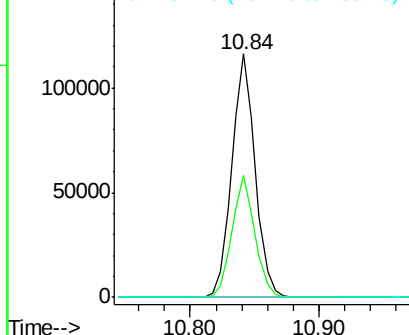


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

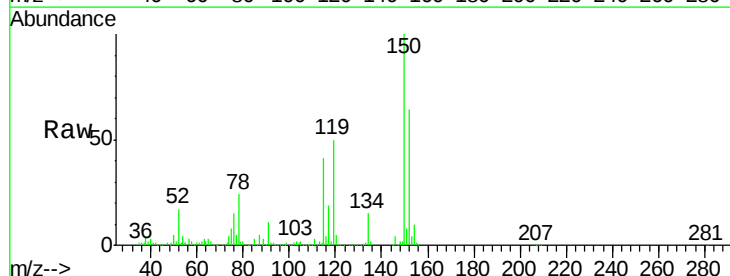
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.7	40.3	120.8
150	171.1	0.0	337.4

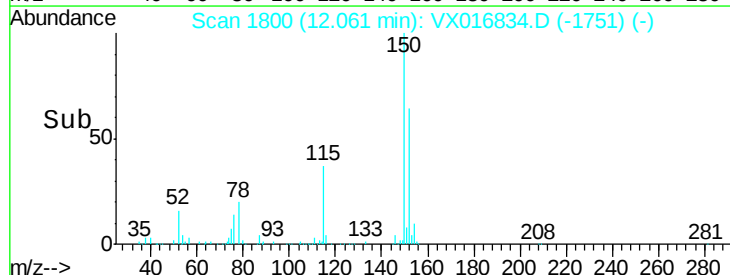
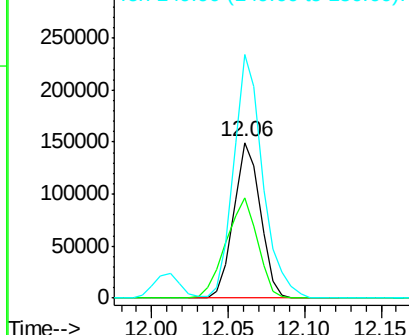


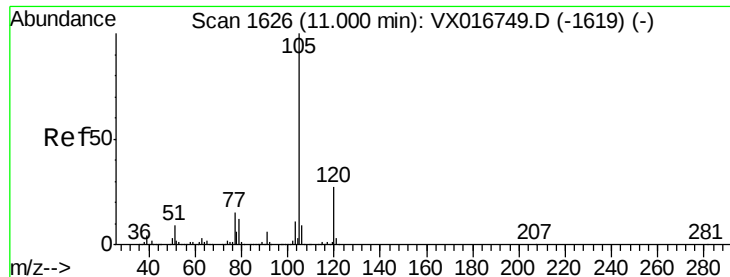
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.886 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

Tot Ion:105 Resp: 683750

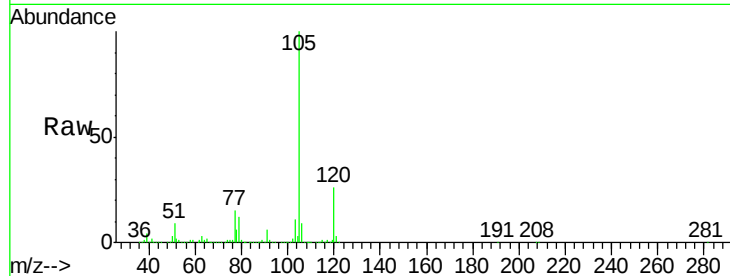
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

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6/18/2020 11:17:00 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

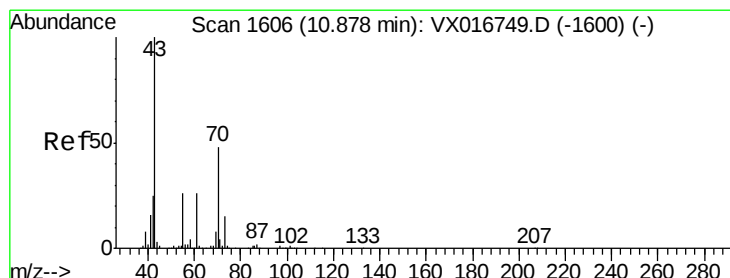
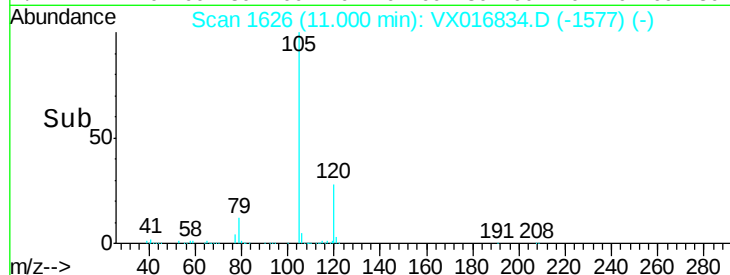
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 69.149 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion: 43 Resp: 317456

Ion Ratio Lower Upper

43 100

70 48.1 39.8 59.6

55 27.2 21.7 32.5

61 26.1 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

0

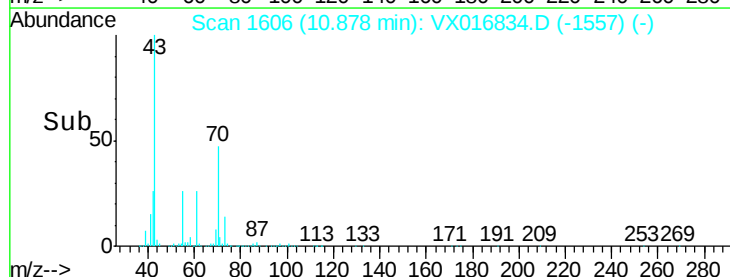
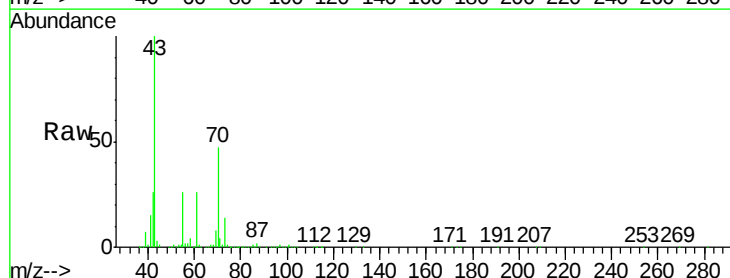
10.88

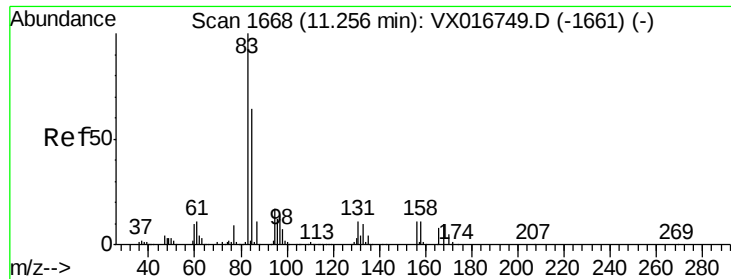
10.80

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.534 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

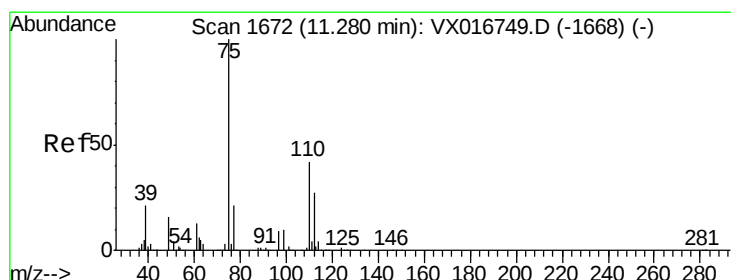
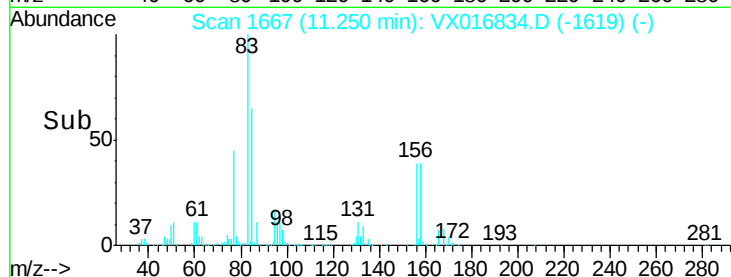
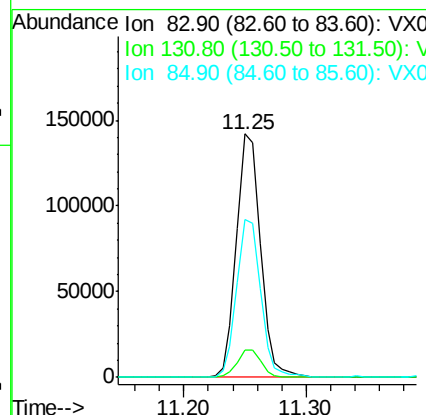
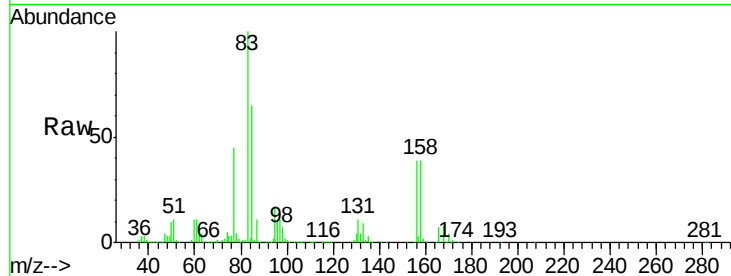
ClientSampleId :

S49-0563MS

Tot Ion:	83	Resp:	192962
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.0
85	64.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 52.704 ug/l m

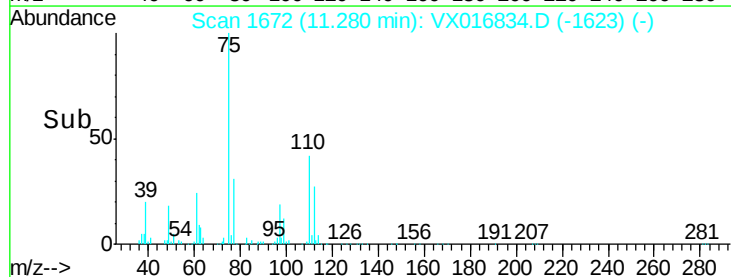
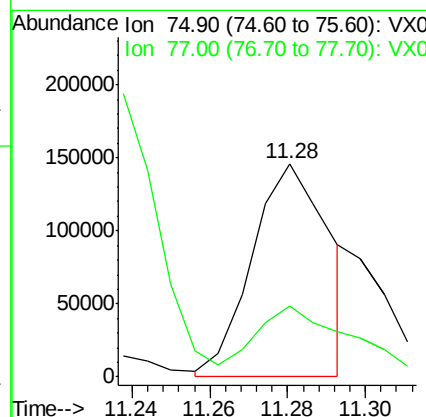
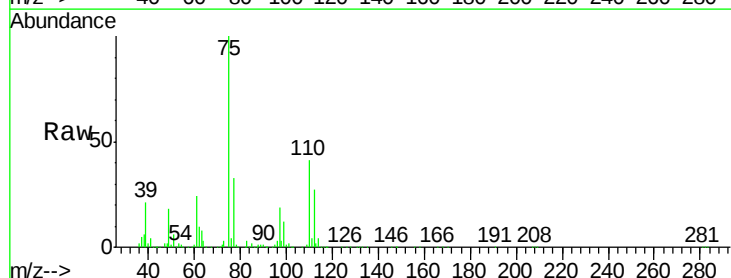
RT: 11.28 min Scan# 1672

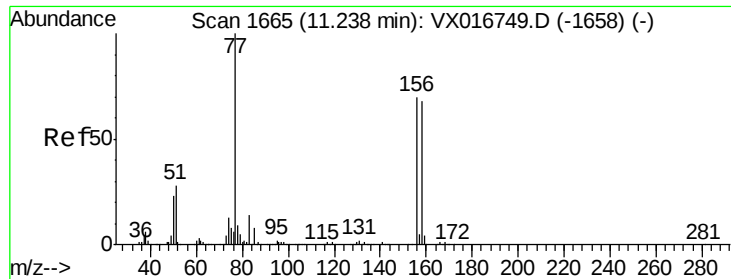
Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion:	75	Resp:	199520
Ion Ratio	Lower	Upper	
75	100		
77	41.7	20.3	60.9





#77

Bromobenzene

Concen: 48.329 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

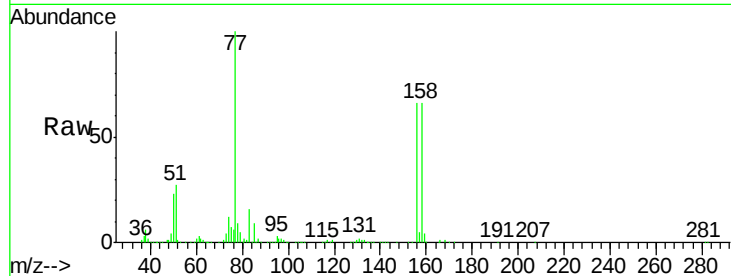
ClientSampleId :

S49-0563MS

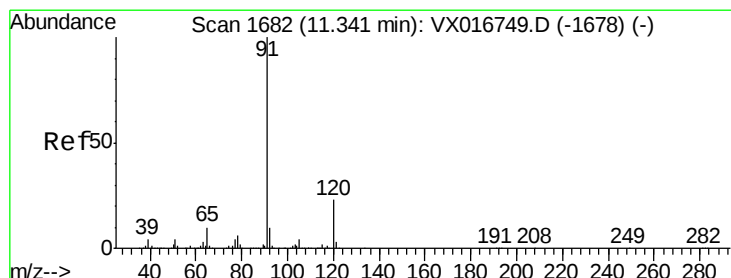
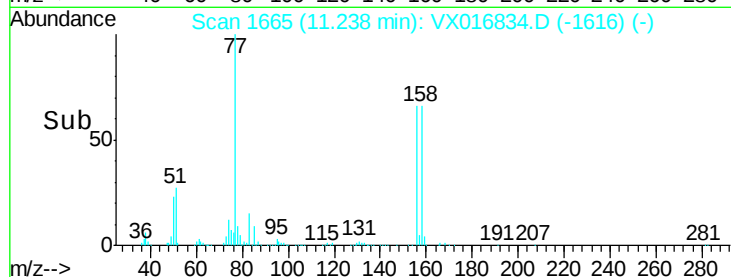
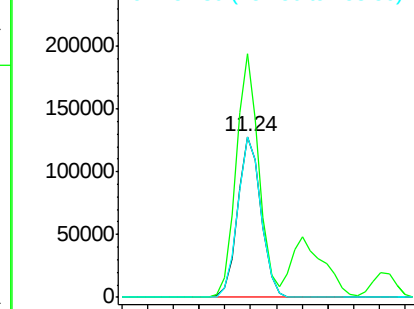
Tot Ion:	156	Resp:	161185
Ion Ratio	Lower	Upper	
156	100		
77	149.0	73.2	219.6
158	99.9	48.8	146.4

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.356 ug/l

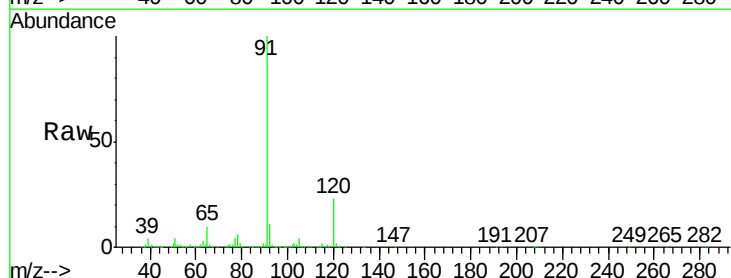
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

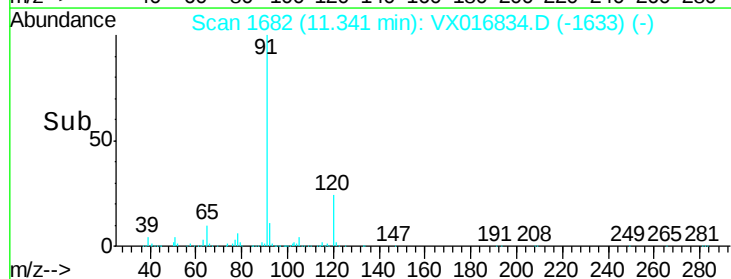
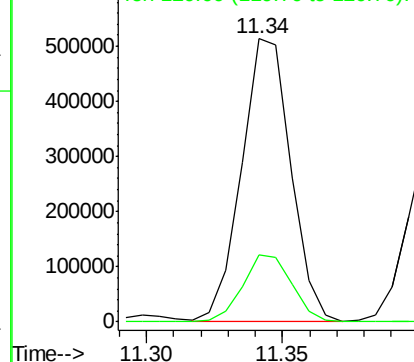
Lab File: VX016834.D

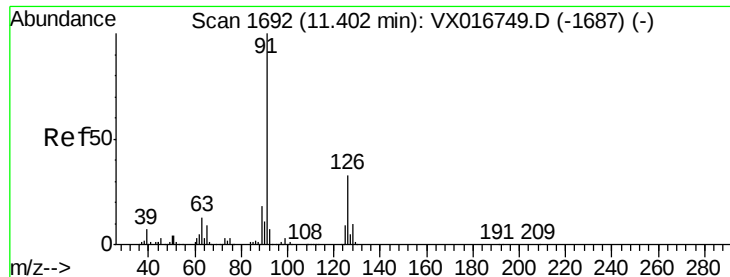
Acq: 17 Jun 2020 21:52

Tgt Ion:	91	Resp:	645953
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





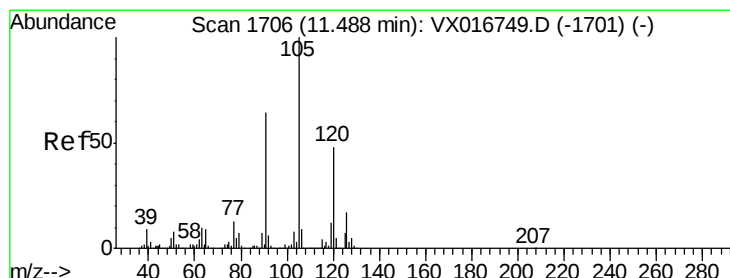
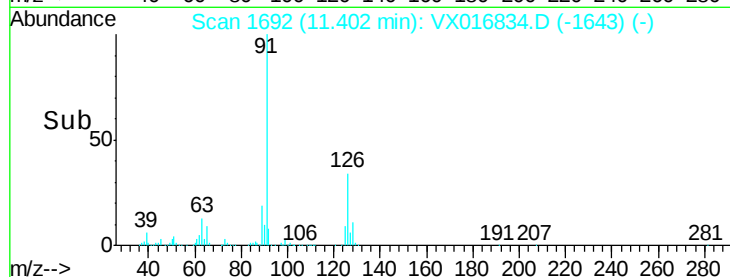
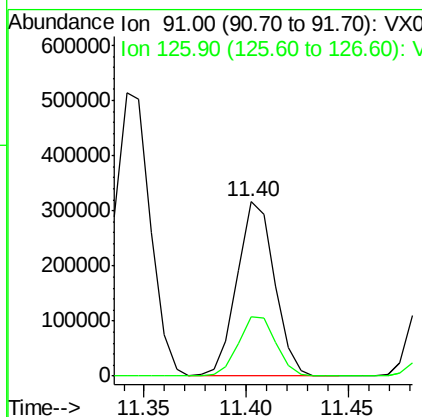
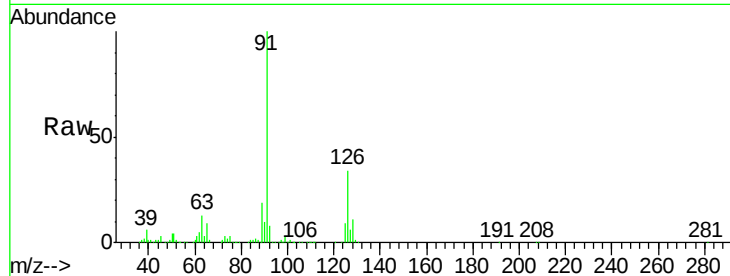
#79
2-Chlorotoluene
Concen: 49.943 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion: 91 Resp: 405117
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5

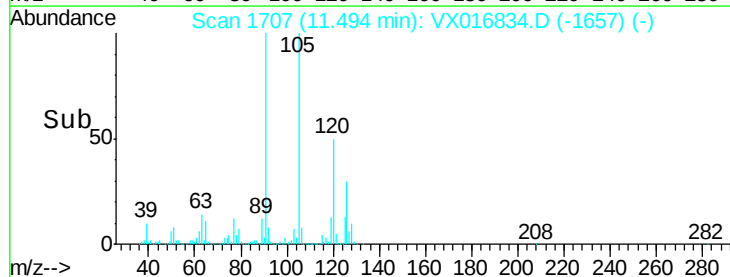
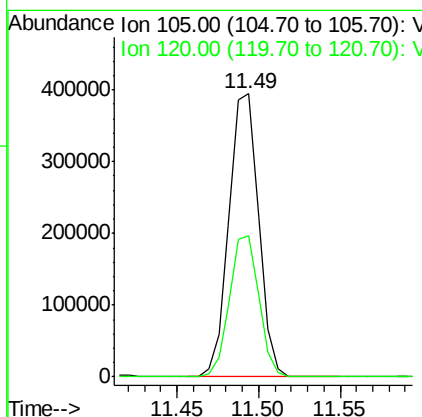
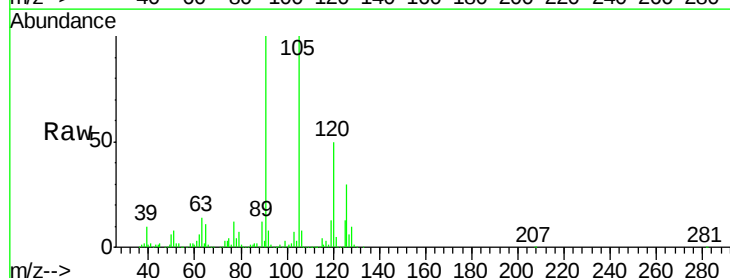
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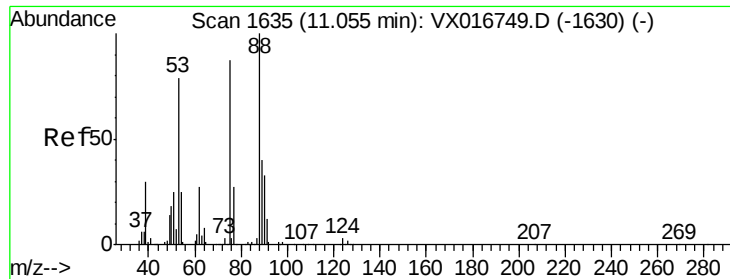
MMDadoda
6/18/2020 11:17:00 AM



#80
1,3,5-Trimethylbenzene
Concen: 50.413 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 105 Resp: 499179
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





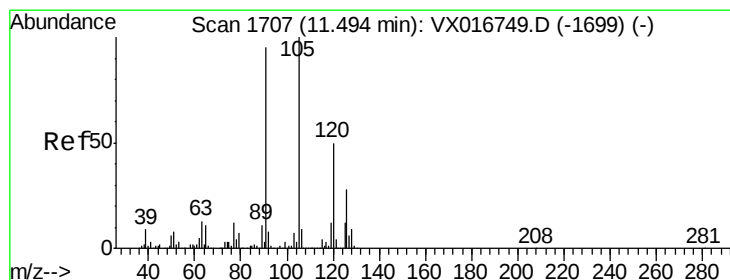
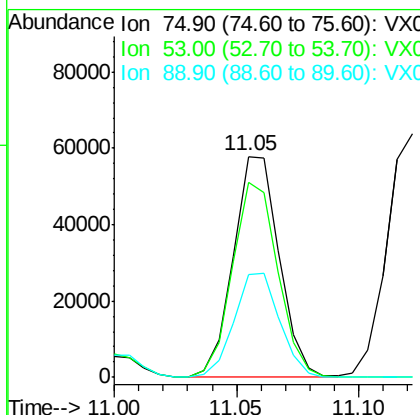
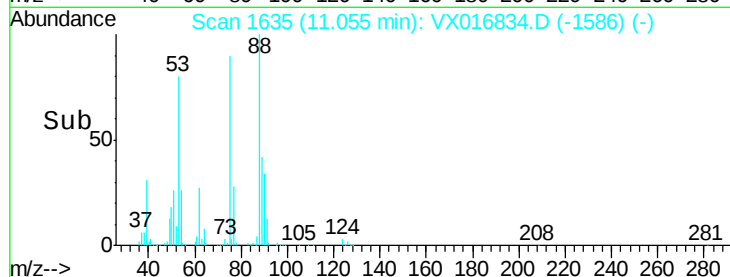
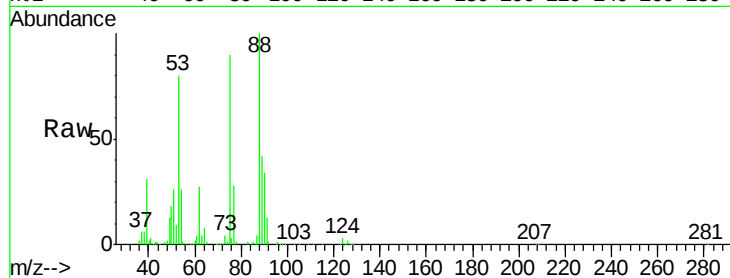
#81
trans-1,4-Dichloro-2-butene
Concen: 49.875 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.1	71.4	107.0
89	47.3	39.1	58.7

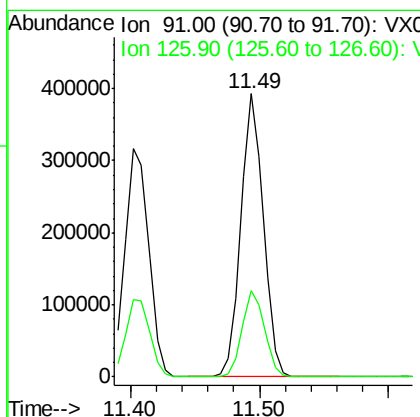
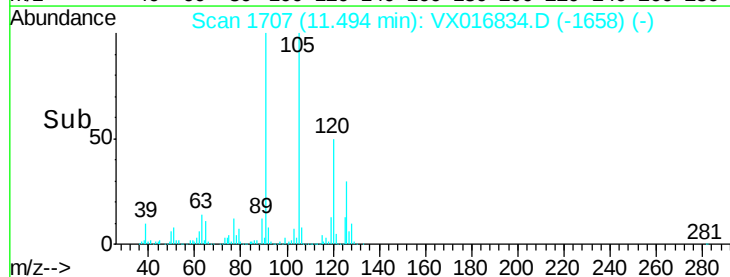
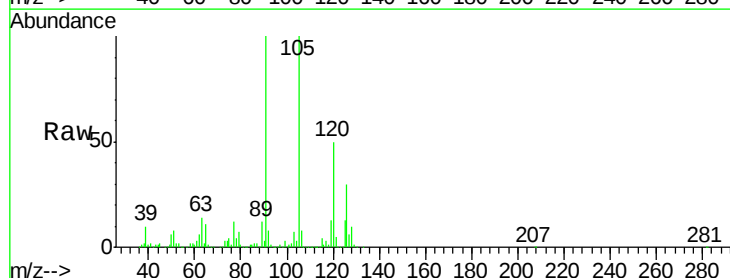
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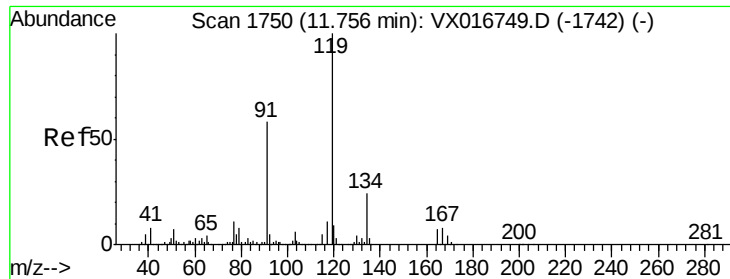
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.981 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





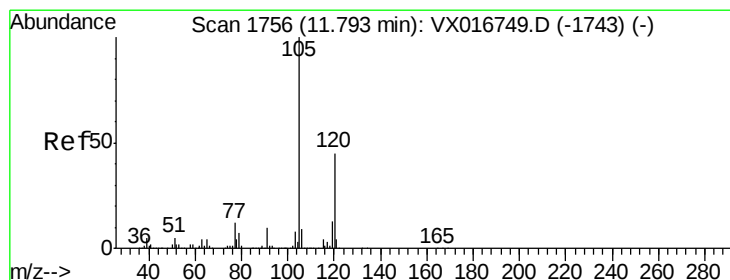
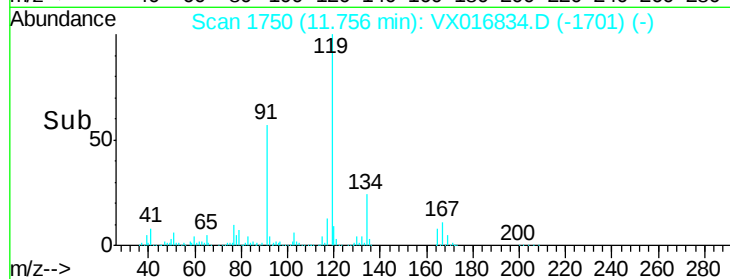
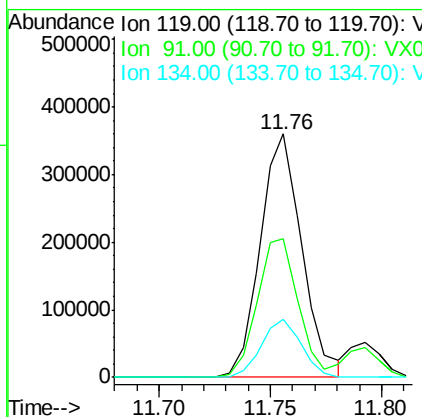
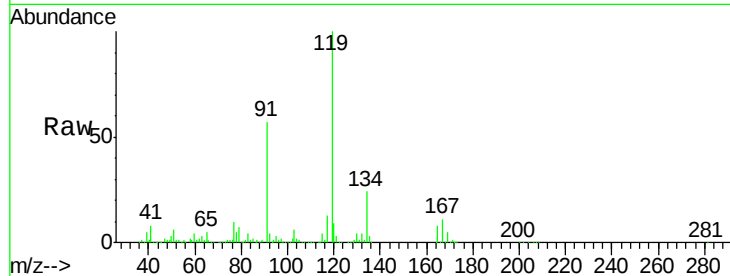
#83
 tert-Butylbenzene
 Concen: 51.554 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	467097		
91	56.2	29.3	88.0	
134	22.9	11.8	35.3	

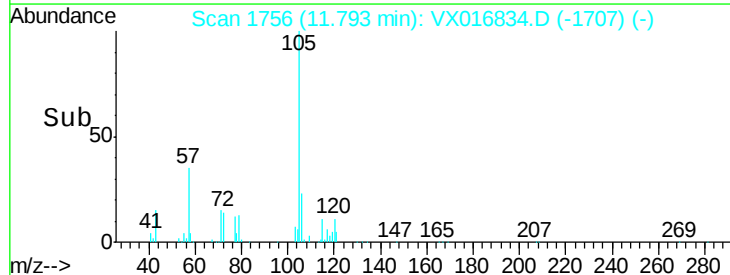
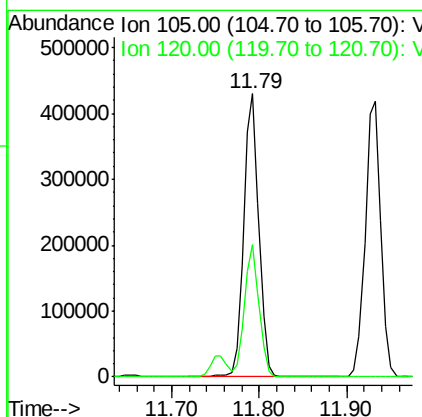
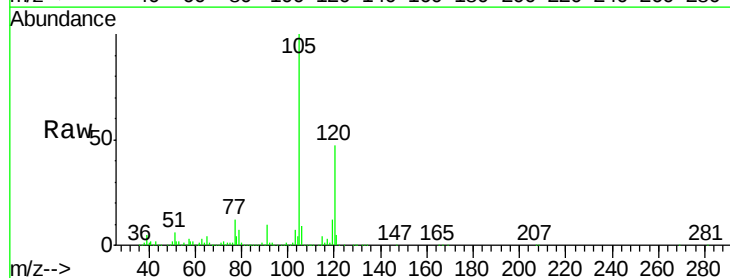
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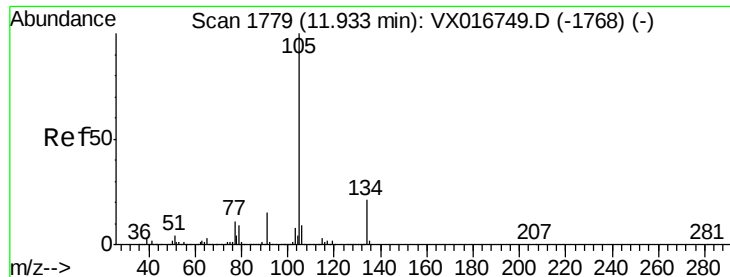
MMDadoda
 6/18/2020 11:17:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.396 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514812		
120	45.0	22.6	67.8	





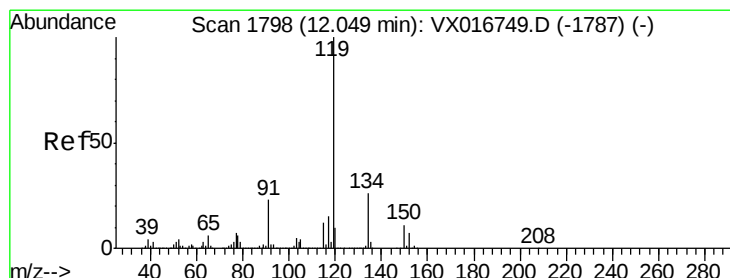
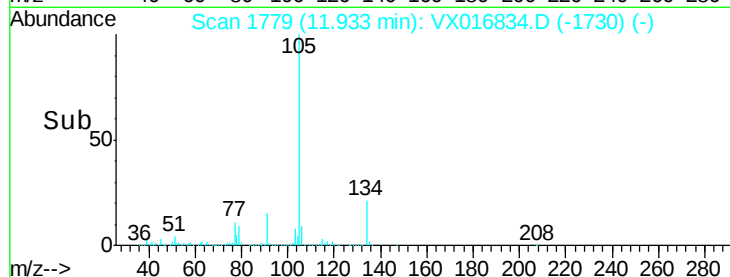
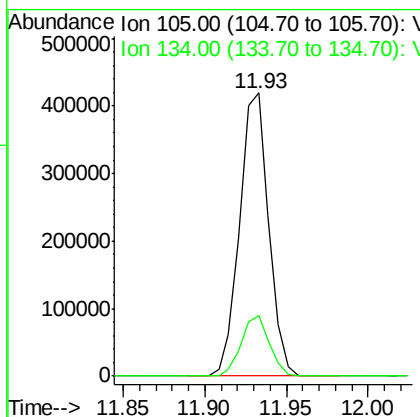
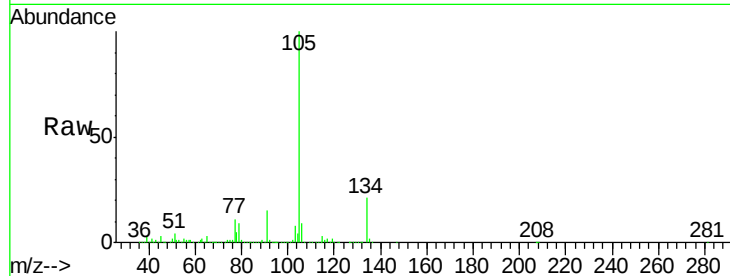
#85
 sec-Butylbenzene
 Concen: 49.173 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.8

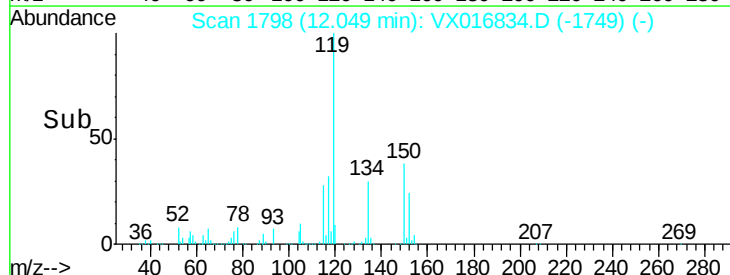
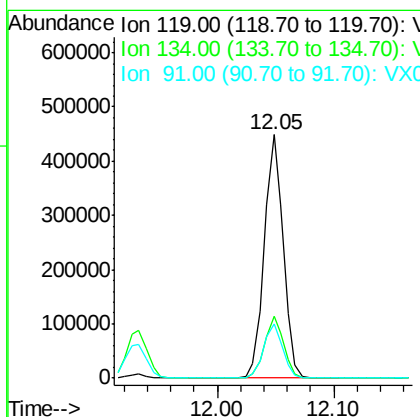
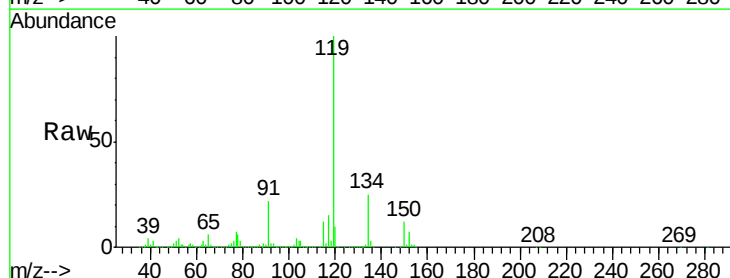
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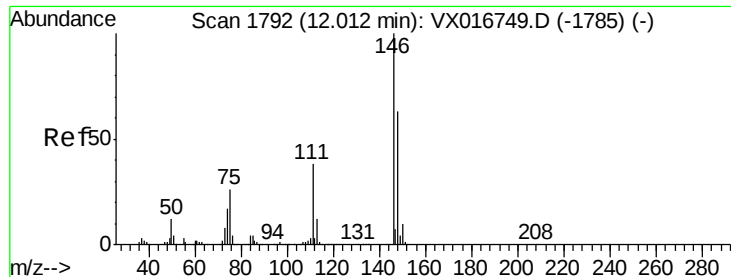
MMDadoda
 6/18/2020 11:17:00 AM



#86
 p-Isopropyltoluene
 Concen: 50.172 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.0	38.9
91	22.6	11.6	34.7





#87

1,3-Dichlorobenzene

Concen: 50.033 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

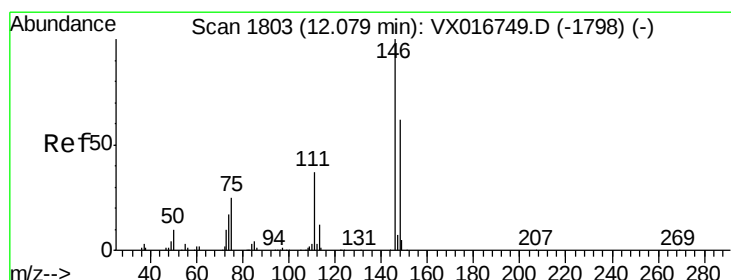
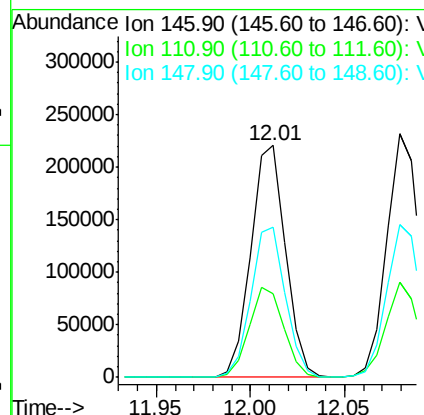
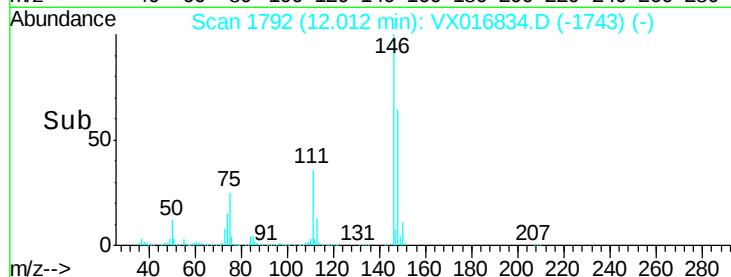
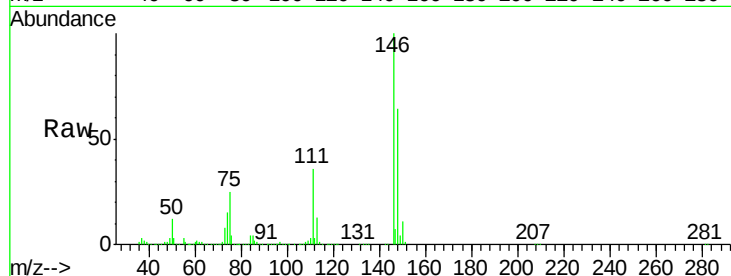
Instrument :
MSVOA_X

ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	64.1	31.9	95.7

Manual Integrations
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6/18/2020 11:17:00 AM



#88

1,4-Dichlorobenzene

Concen: 48.507 ug/l

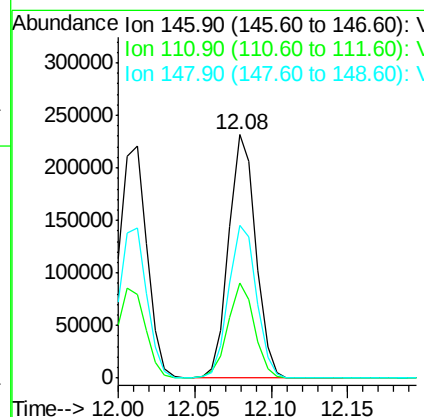
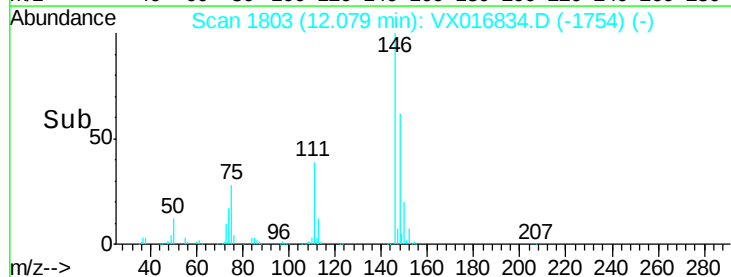
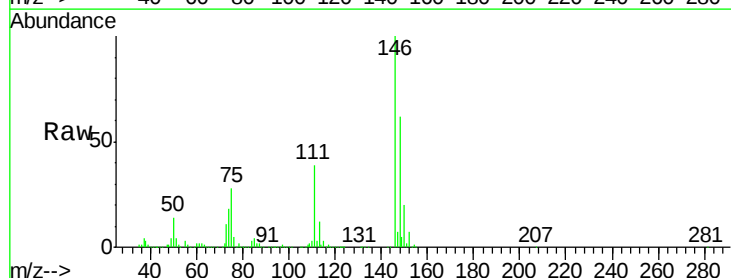
RT: 12.08 min Scan# 1803

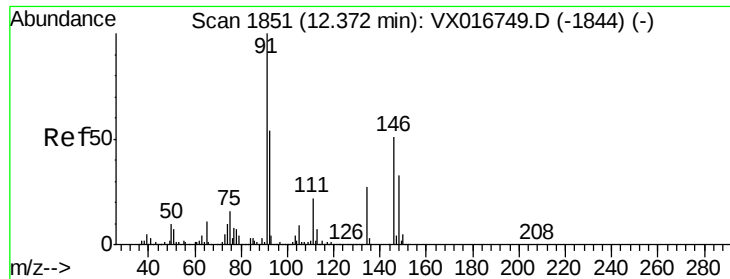
Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.8	32.1	96.5





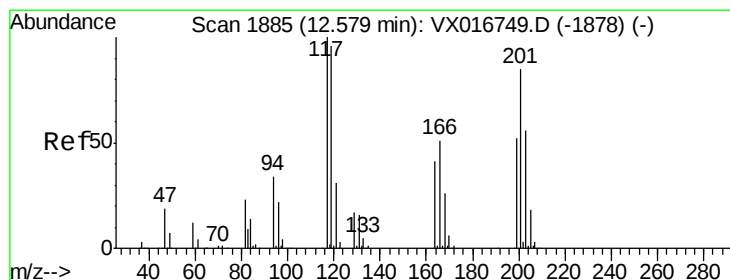
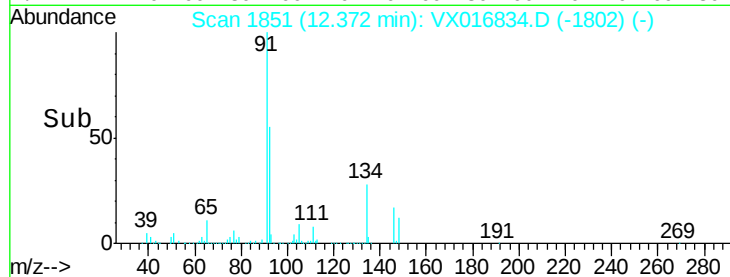
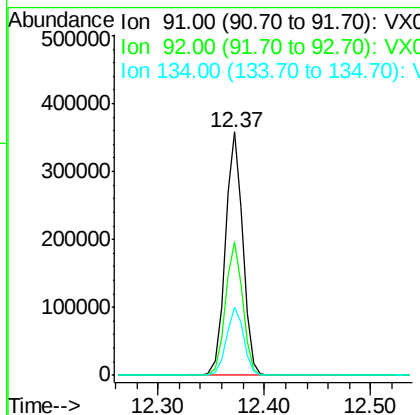
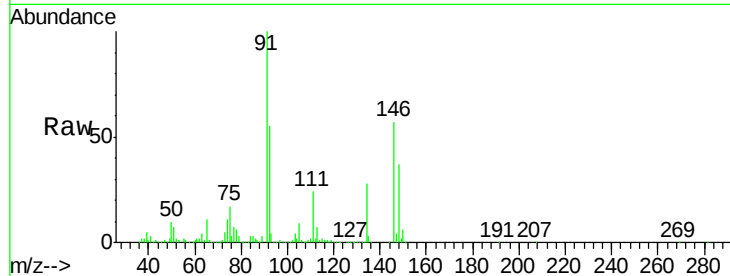
#89
n-Butylbenzene
Concen: 48.479 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	27.0	80.8	
134	27.8	13.7	41.0	

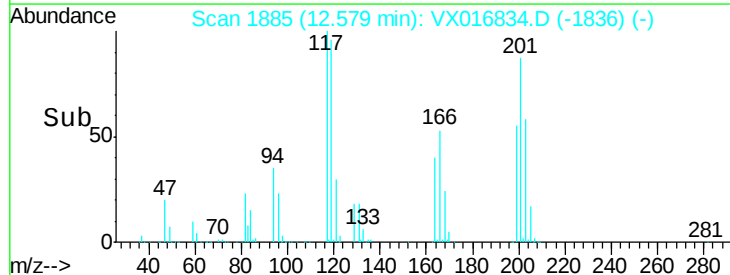
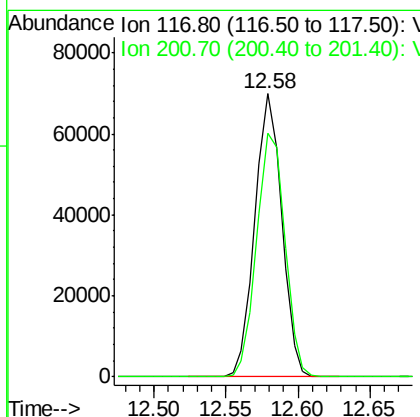
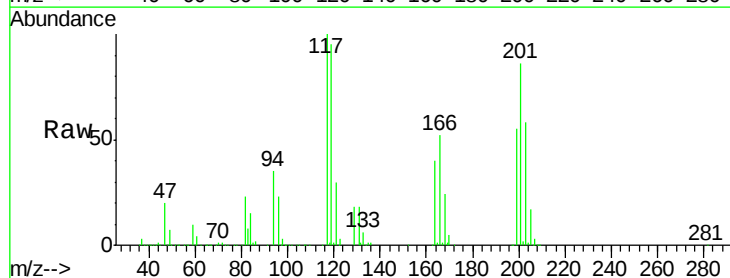
Manual Integrations
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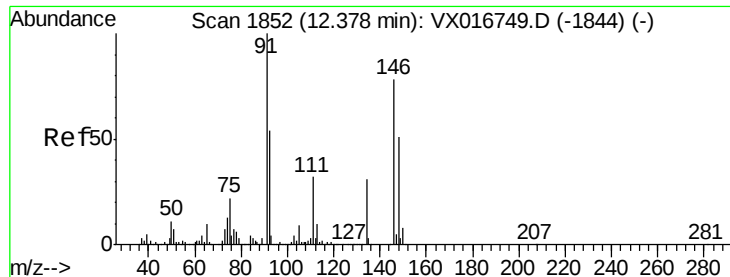
MMDadoda
6/18/2020 11:17:00 AM



#90
Hexachloroethane
Concen: 47.917 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.5	45.6	136.9	





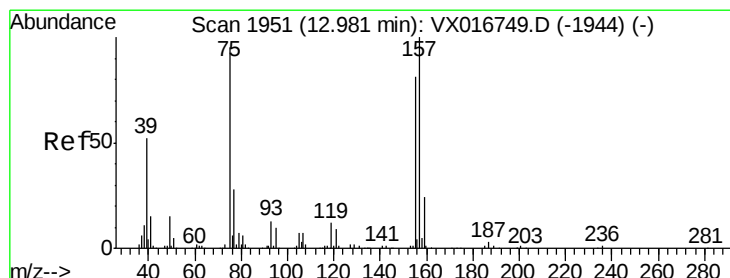
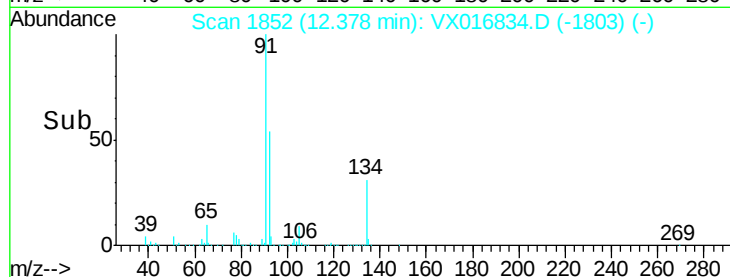
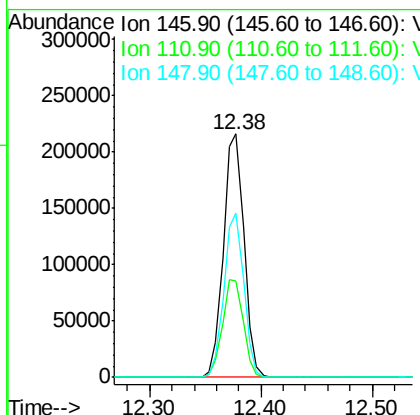
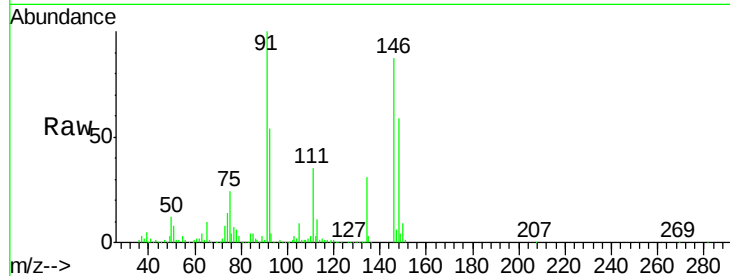
#91
 1,2-Dichlorobenzene
 Concen: 49.030 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	276460		
111	40.7	20.8	62.2	
148	65.3	32.1	96.5	

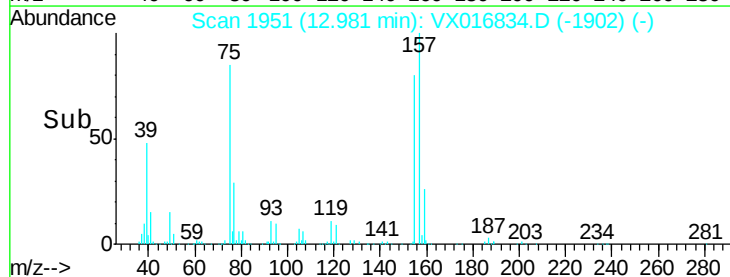
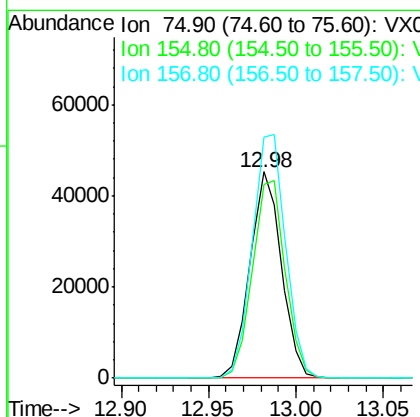
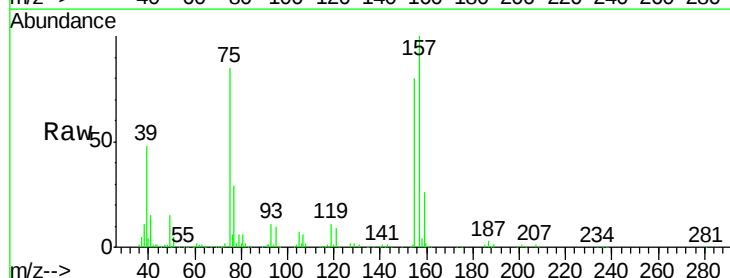
Manual Integrations
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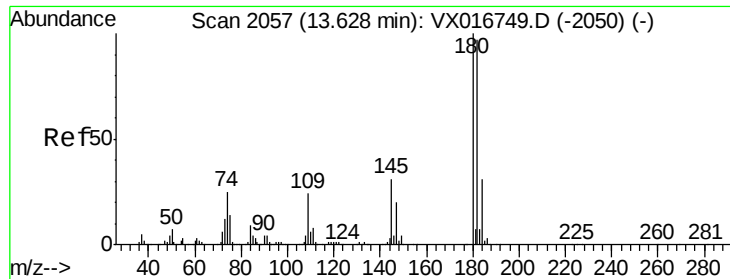
MMDadoda
 6/18/2020 11:17:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.394 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56740		
155	99.4	46.9	140.7	
157	124.5	59.6	178.7	





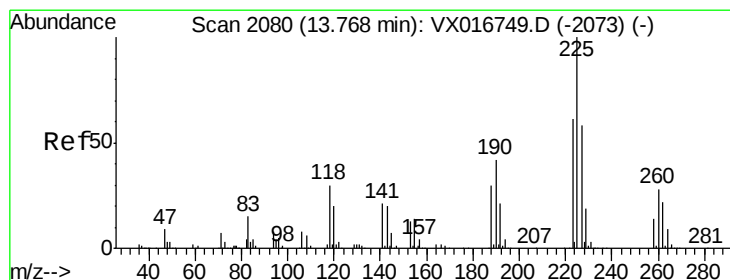
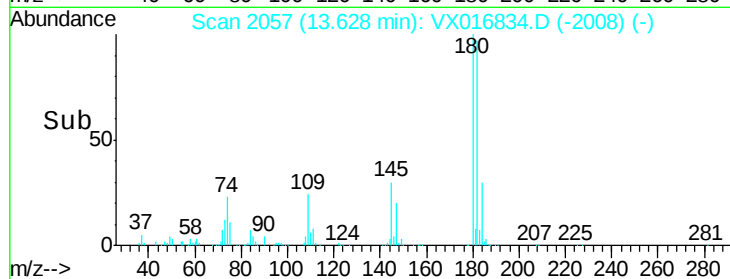
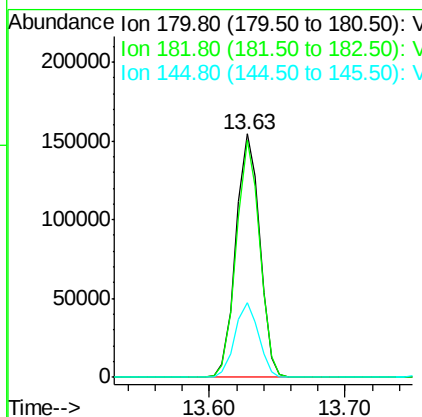
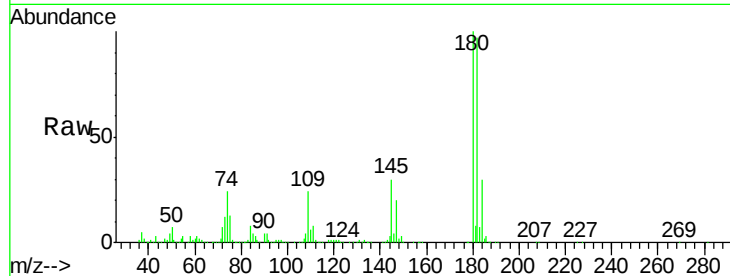
#93
 1,2,4-Trichlorobenzene
 Concen: 47.551 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187766		
182	95.8	48.6	145.8	
145	30.7	15.4	46.4	

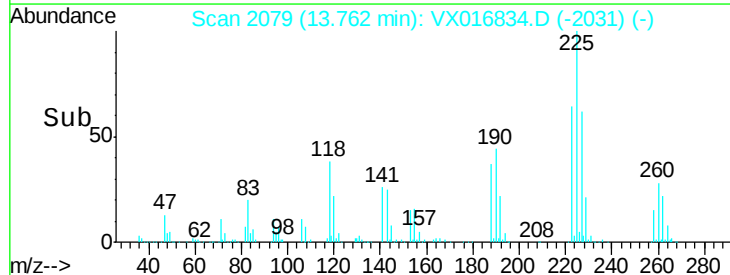
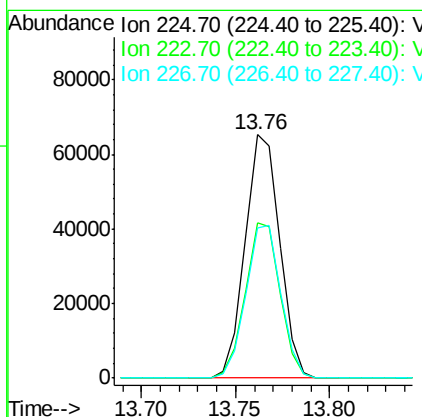
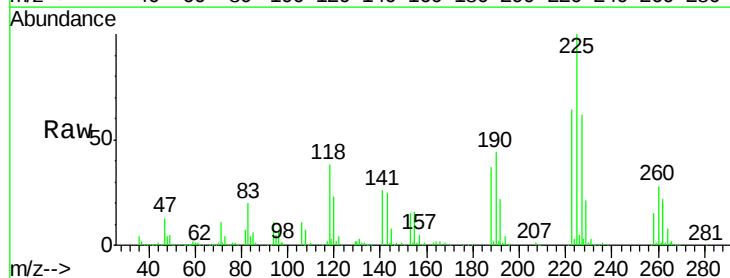
Manual Integrations
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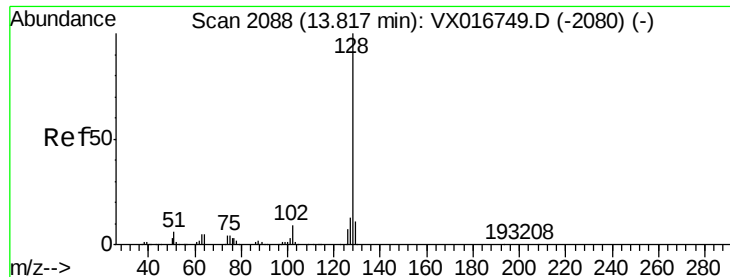
MMDadoda
 6/18/2020 11:17:00 AM



#94
 Hexachlorobutadiene
 Concen: 47.964 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83312		
223	63.8	31.1	93.5	
227	63.5	30.9	92.7	





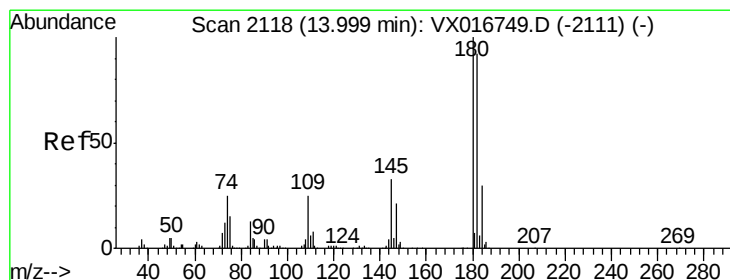
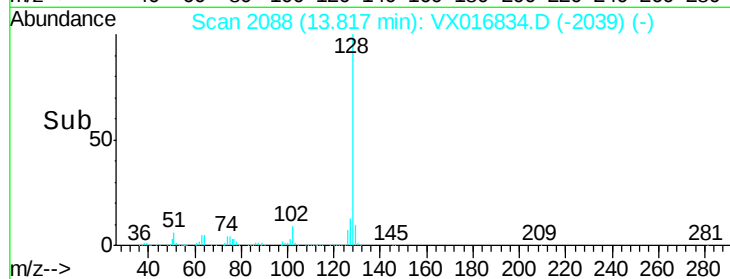
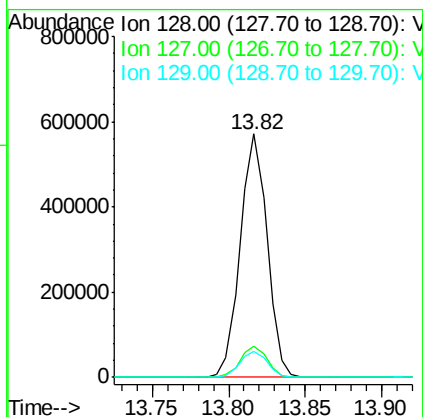
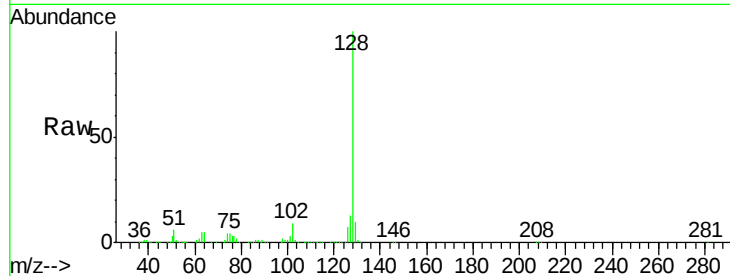
#95
Naphthalene
Concen: 56.325 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	696774		
127	12.8		10.2	15.4
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.150 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187138		
182	94.4		47.1	141.4
145	32.5		15.9	47.7

