

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016819.D
 Acq On : 17 Jun 2020 16:14
 Operator : JC/SP
 Sample : VX0617WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:16:01 AM

Quant Time: Jun 18 01:22:15 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	304294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	549235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158175	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	5.46	113	130450	38.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.00%	
50) Toluene-d8	8.70	98	499838	40.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.00%	
62) 4-Bromofluorobenzene	11.12	95	187996	39.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	68891	20.127	ug/l	100
3) Chloromethane	1.31	50	59267	17.842	ug/l	100
4) Vinyl Chloride	1.39	62	75588	21.326	ug/l	97
5) Bromomethane	1.63	94	46085	20.936	ug/l	97
6) Chloroethane	1.71	64	45530	20.853	ug/l	99
7) Trichlorofluoromethane	1.92	101	98791	19.352	ug/l	99
8) Diethyl Ether	2.17	74	39295	18.850	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53889	20.749	ug/l	97
10) Methyl Iodide	2.49	142	46924	14.455	ug/l	99
11) Tert butyl alcohol	3.01	59	67871	78.933	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55099	18.526	ug/l	95
13) Acrolein	2.27	56	27993	78.059	ug/l	97
14) Allyl chloride	2.71	41	77989	16.766	ug/l	96
15) Acrylonitrile	3.11	53	146424	83.921	ug/l	99
16) Acetone	2.42	43	155585	100.212	ug/l	98
17) Carbon Disulfide	2.55	76	133954	15.726	ug/l	99
18) Methyl Acetate	2.75	43	74767	18.042	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	164524	16.231	ug/l	98
20) Methylene Chloride	2.84	84	54812	16.390	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	52718	16.495	ug/l	95
22) Diisopropyl ether	3.82	45	152854	17.495	ug/l	97
23) Vinyl Acetate	3.78	43	641194	84.906	ug/l	100
24) 1,1-Dichloroethane	3.67	63	90672	16.592	ug/l	99
25) 2-Butanone	4.63	43	198231	84.719	ug/l	97
26) 2,2-Dichloropropane	4.55	77	84169	16.634	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	60879	16.666	ug/l	97
28) Bromochloromethane	4.98	49	40277	17.278	ug/l	97
29) Tetrahydrofuran	5.09	42	131121	86.503	ug/l	98
30) Chloroform	5.18	83	95229	16.472	ug/l	99
31) Cyclohexane	5.55	56	77253	18.007	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	86048	16.402	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69465	14.312	ug/l	98
37) Ethyl Acetate	4.79	43	76386	14.371	ug/l	100
38) Carbon Tetrachloride	5.76	117	78100	14.168	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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 6/18/2020 11:16:01 AM

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 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	78009	14.549	ug/l	98
40) Benzene	6.11	78	215533	14.585	ug/l	99
41) Methacrylonitrile	5.00	41	41072	14.492	ug/l	98
42) 1,2-Dichloroethane	6.17	62	77190	14.311	ug/l	99
43) Isopropyl Acetate	6.42	43	140759	16.896	ug/l	99
44) Trichloroethene	7.19	130	77679	16.993	ug/l	95
45) 1,2-Dichloropropane	7.49	63	51996	14.353	ug/l	99
46) Dibromomethane	7.64	93	36998	14.013	ug/l	99
47) Bromodichloromethane	7.87	83	75433	13.704	ug/l	97
48) Methyl methacrylate	7.74	41	56460	14.299	ug/l	99
49) 1,4-Dioxane	7.71	88	27392	280.331	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	379060	73.841	ug/l	100
52) Toluene	8.76	92	138632	14.442	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	86006	13.833	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	91522	14.112	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	54908	14.223	ug/l	99
56) Ethyl methacrylate	9.16	69	84206	14.569	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108680	16.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	216483	76.176	ug/l	99
59) 2-Hexanone	9.47	43	333691	84.205	ug/l	100
60) Dibromochloromethane	9.57	129	71255	15.618	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67704	16.093	ug/l	97
64) Tetrachloroethene	9.32	164	91451	18.802	ug/l	98
65) Chlorobenzene	10.12	112	169678	16.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	64540	15.741	ug/l	98
67) Ethyl Benzene	10.23	91	282675	16.269	ug/l	98
68) m/p-Xylenes	10.34	106	205002	31.118	ug/l	99
69) o-Xylene	10.68	106	102345	16.126	ug/l	99
70) Styrene	10.70	104	169091	15.412	ug/l	100
71) Bromoform	10.84	173	48901	13.978	ug/l	98
73) Isopropylbenzene	11.00	105	247553	17.305	ug/l	99
74) N-amyl acetate	10.88	43	96226	17.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	62710	14.903	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	77750m	16.959	ug/l	
77) Bromobenzene	11.24	156	66658	16.503	ug/l	99
78) n-propylbenzene	11.34	91	266527	17.156	ug/l	100
79) 2-Chlorotoluene	11.40	91	166252	16.924	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	205986	17.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28578	15.692	ug/l	99
82) 4-Chlorotoluene	11.49	91	194159	16.885	ug/l	99
83) tert-Butylbenzene	11.76	119	182277	16.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	210154	17.324	ug/l	100
85) sec-Butylbenzene	11.93	105	221988	17.296	ug/l	100
86) p-Isopropyltoluene	12.05	119	209648	17.024	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	115676	16.940	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	115451	16.303	ug/l	98
89) n-Butylbenzene	12.37	91	177966	17.506	ug/l	99
90) Hexachloroethane	12.58	117	36360	16.011	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	117467	17.202	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19584	16.642	ug/l	98

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ClientSampleId :
VX0617WBS02

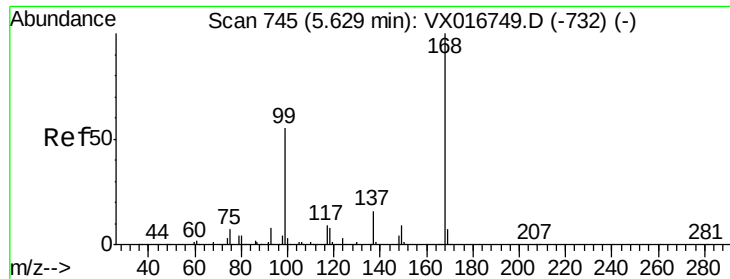
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85933	17.970	ug/l	99
94) Hexachlorobutadiene	13.77	225	37412	18.045	ug/l	97
95) Naphthalene	13.82	128	296318	19.779	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83988	17.844	ug/l	98

(#) = 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: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion:168 Resp: 304294

Ion Ratio Lower Upper

168 100

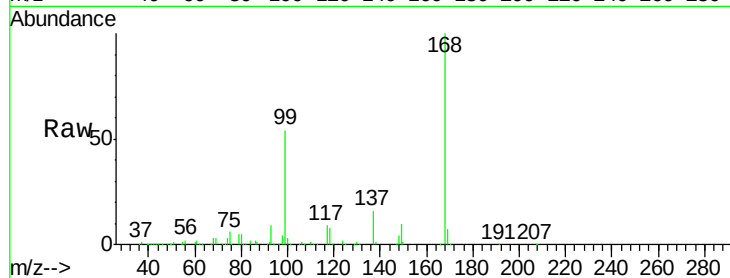
99 54.3 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

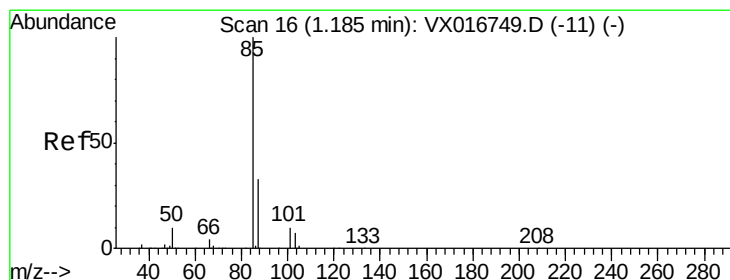
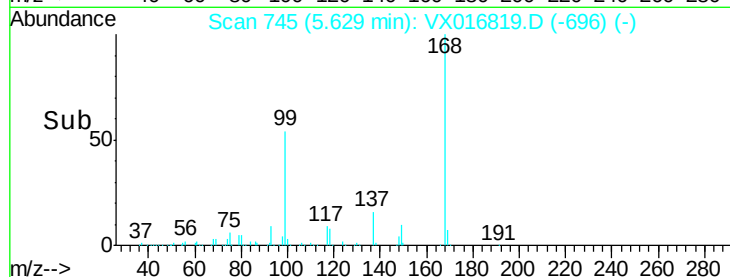
40000

20000

0

5.50 5.63 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.127 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016819.D

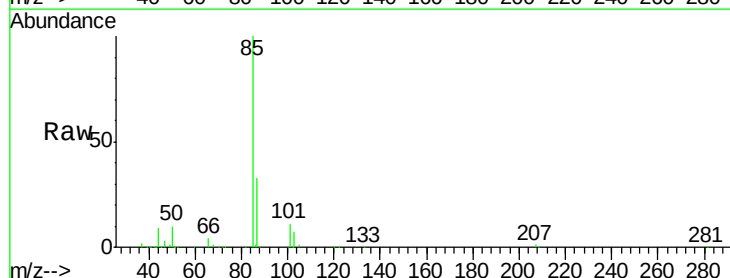
Acq: 17 Jun 2020 16:14

Tgt Ion: 85 Resp: 68891

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

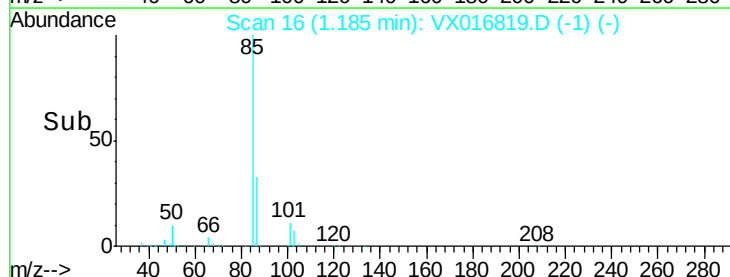
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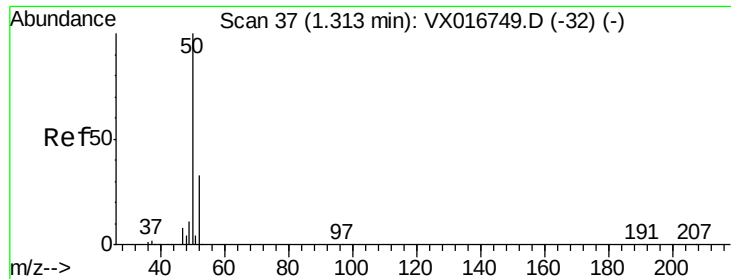
20000

0

1.15 1.18 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.842 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 50 Resp: 59267

Ion Ratio Lower Upper

50 100

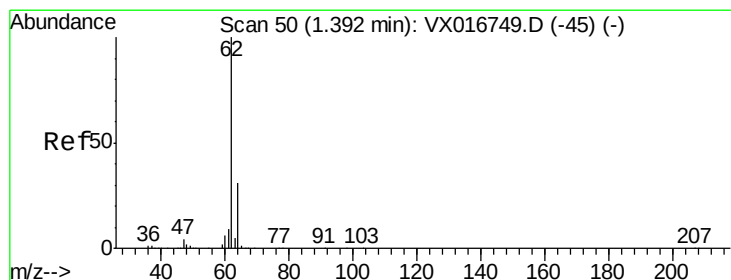
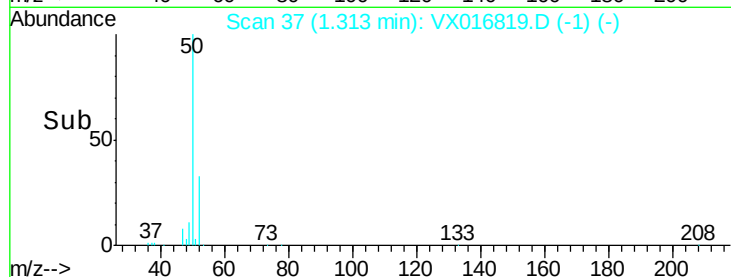
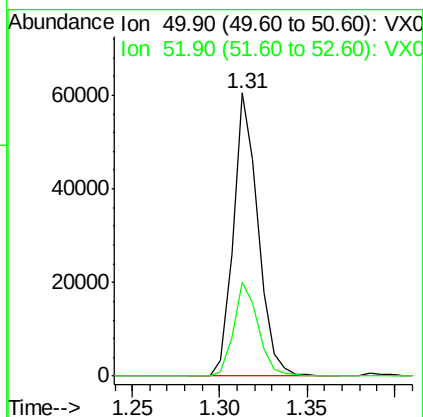
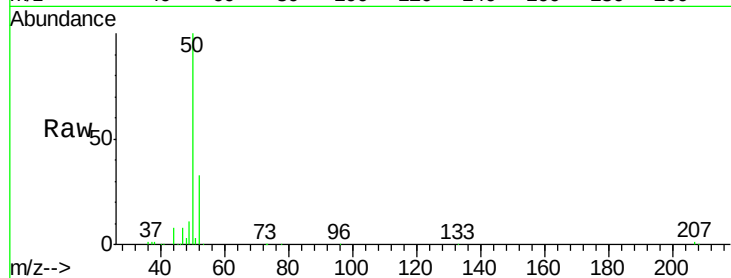
52 33.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.326 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016819.D

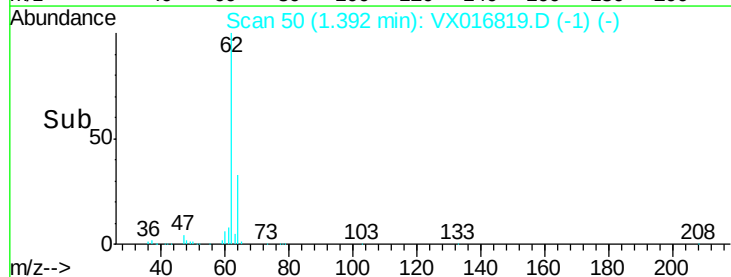
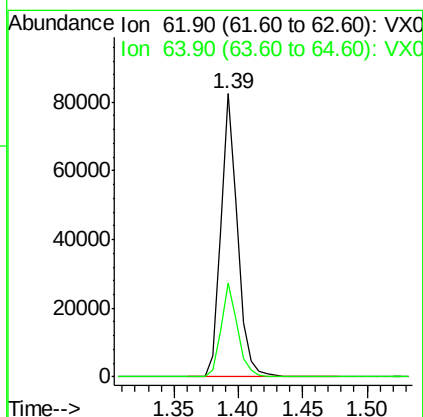
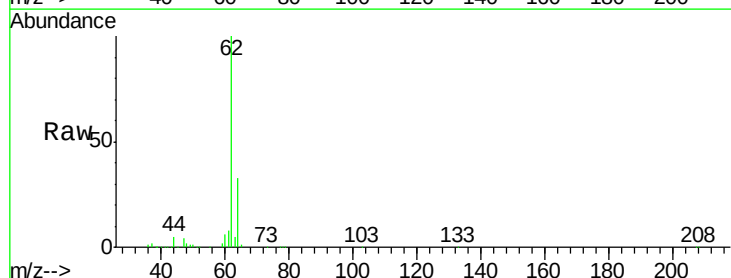
Acq: 17 Jun 2020 16:14

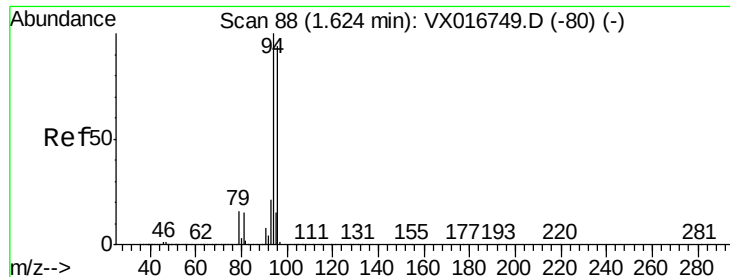
Tgt Ion: 62 Resp: 75588

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 20.936 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 94 Resp: 46085

Ion Ratio Lower Upper

94 100

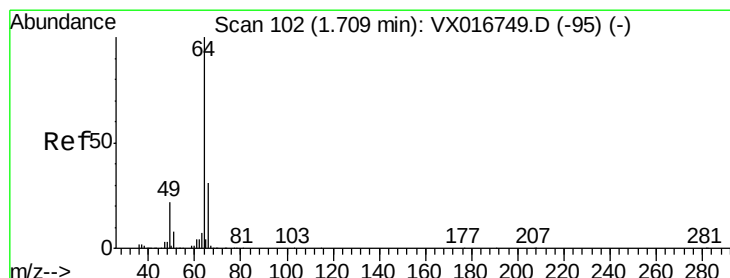
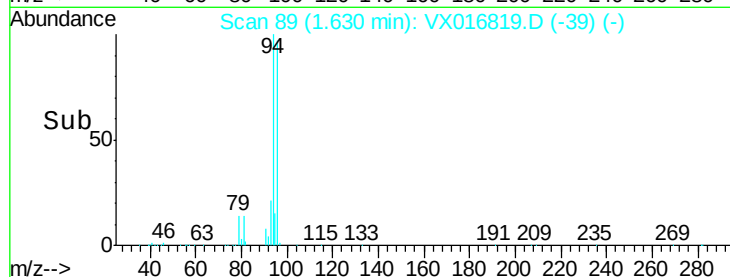
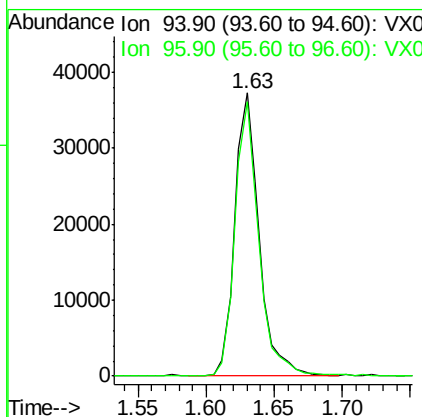
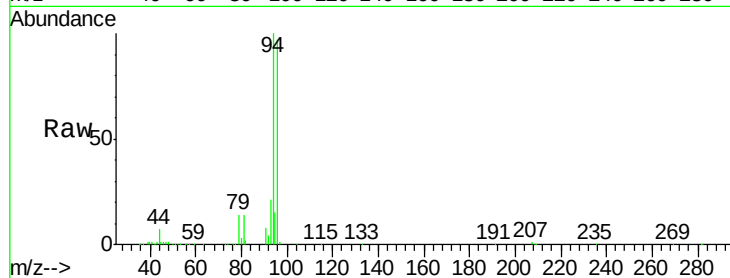
96 96.8 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 20.853 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016819.D

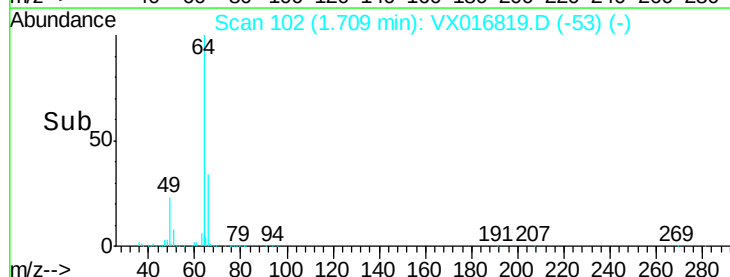
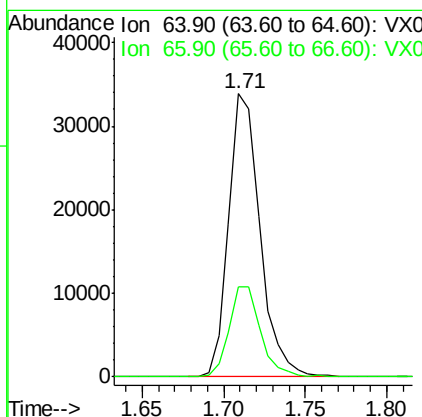
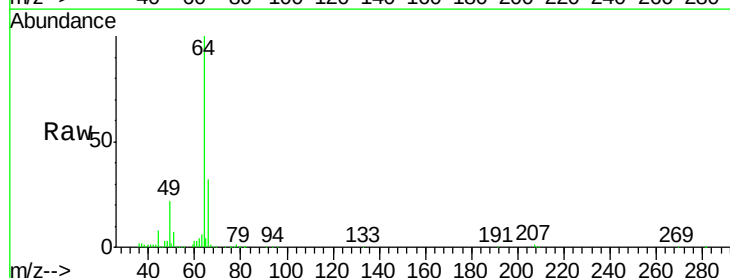
Acq: 17 Jun 2020 16:14

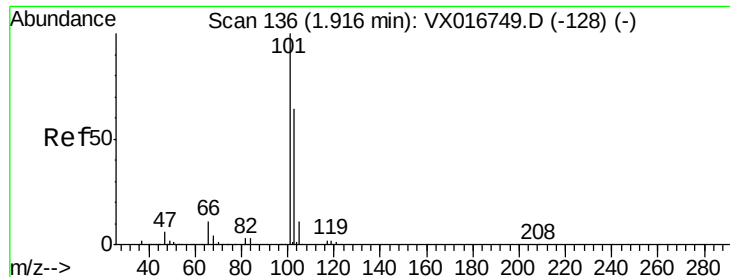
Tgt Ion: 64 Resp: 45530

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.6





#7

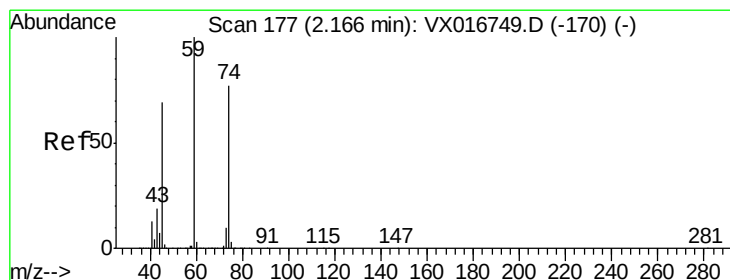
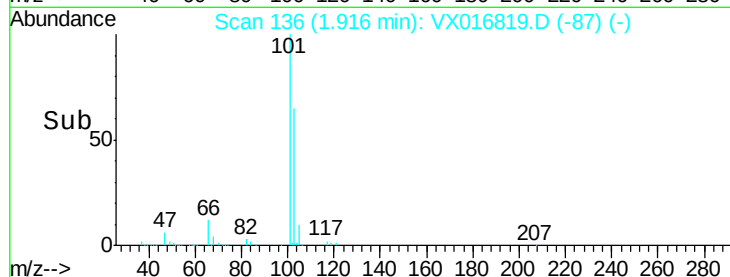
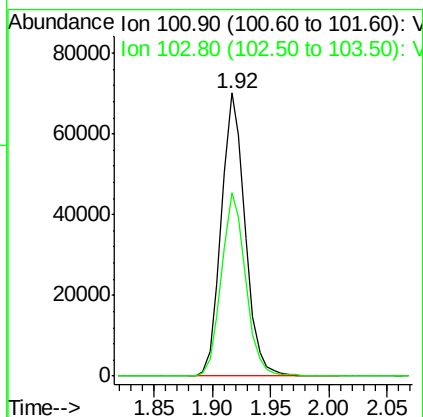
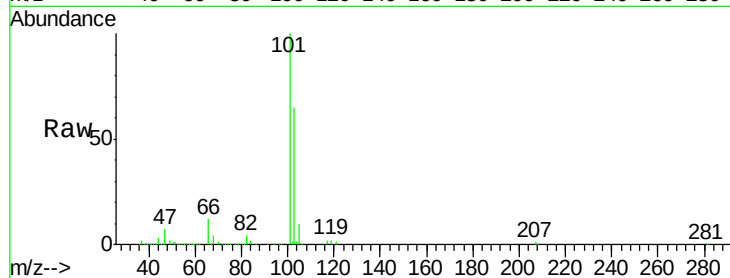
Trichlorofluoromethane
Concen: 19.352 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
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ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.3	76.9

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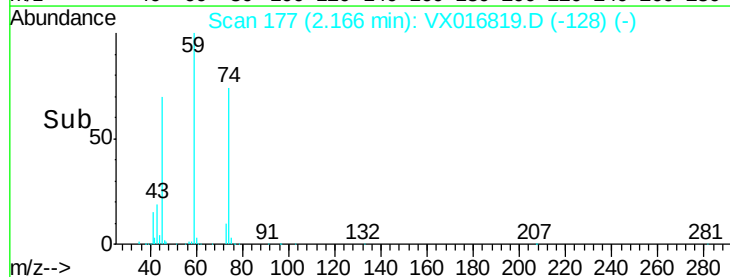
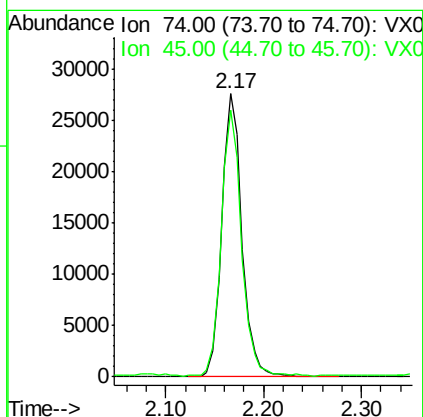
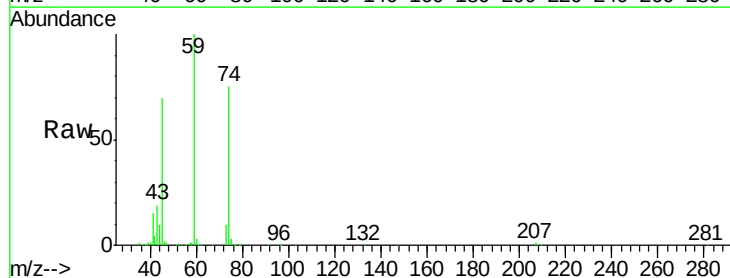
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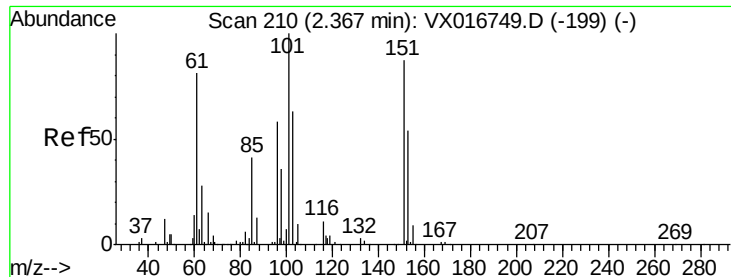


#8

Diethyl Ether
Concen: 18.850 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.749 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

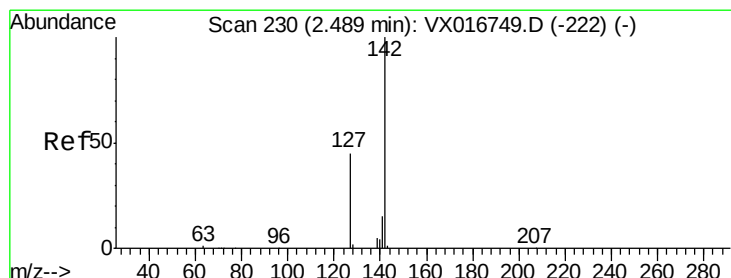
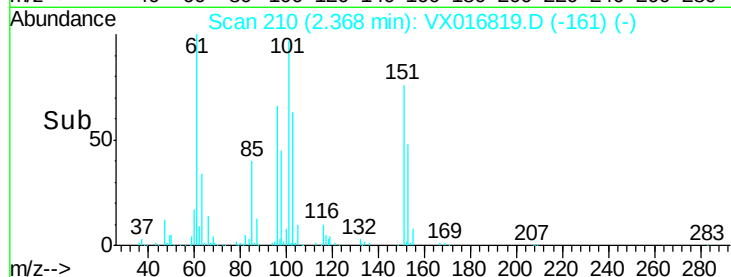
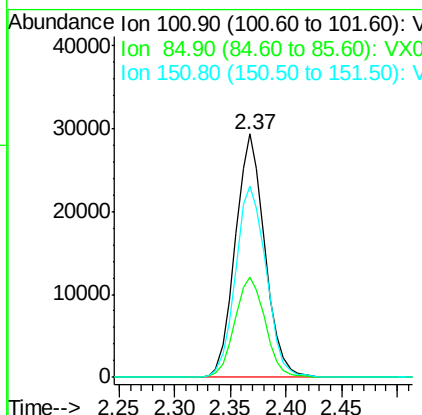
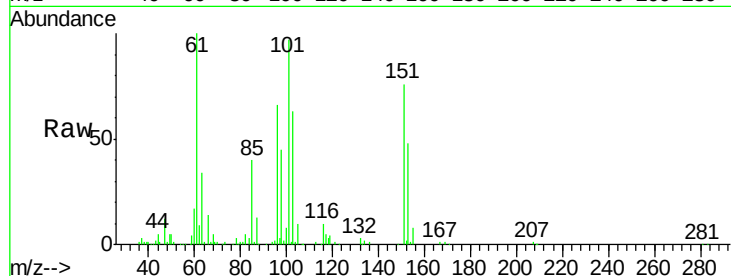
ClientSampleId :

VX0617WBS02

Tot Ion:	101	Resp:	53889
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.0	51.0
151	81.6	68.7	103.1

Manual Integrations
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#10

Methyl Iodide

Concen: 14.455 ug/l

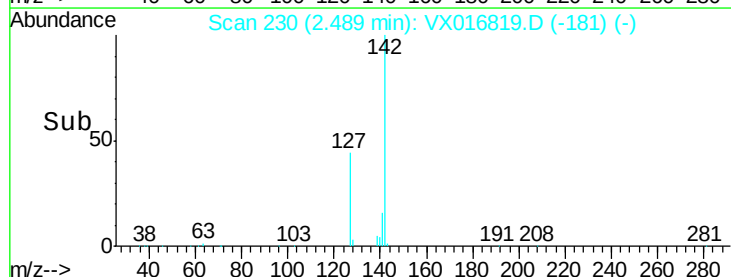
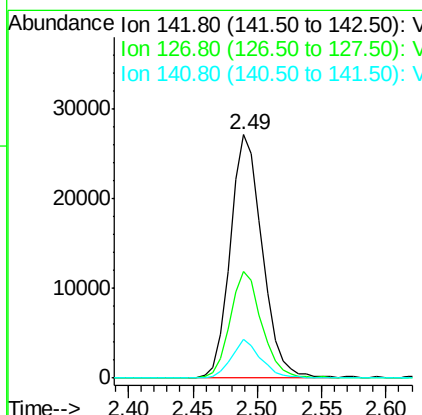
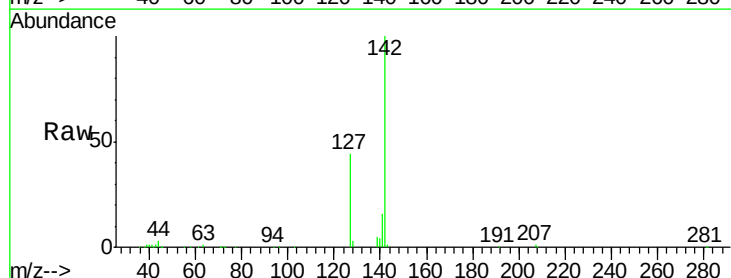
RT: 2.49 min Scan# 230

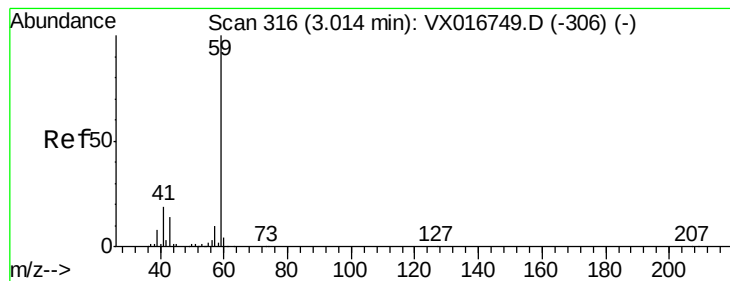
Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion:	142	Resp:	46924
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.4	53.2
141	14.6	11.7	17.5





#11

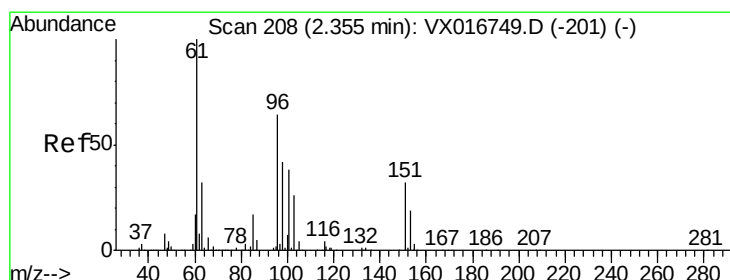
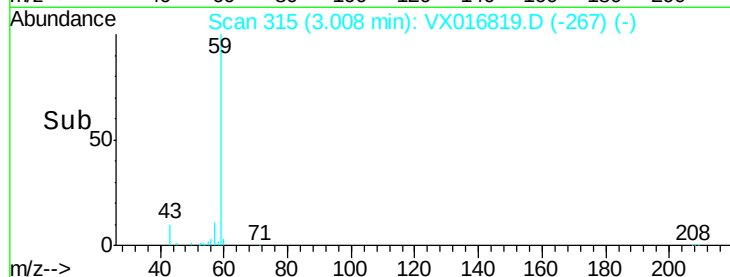
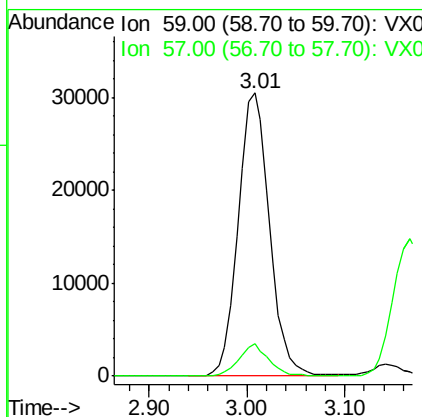
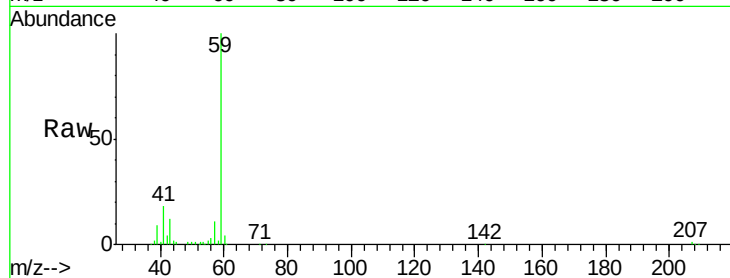
Tert butyl alcohol
Concen: 78.933 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
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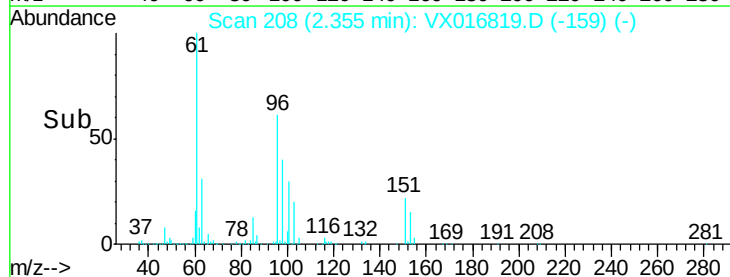
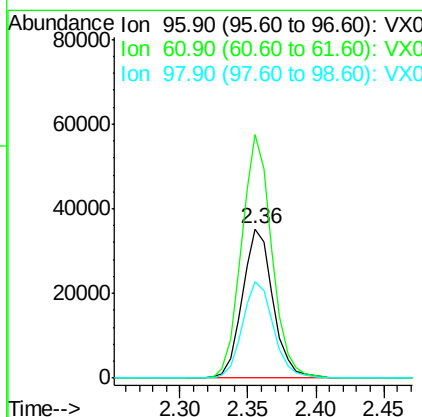
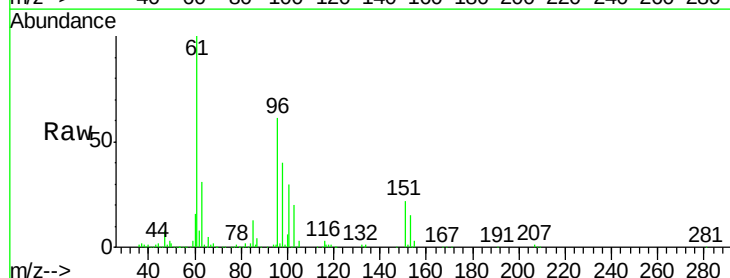
MMDadoda
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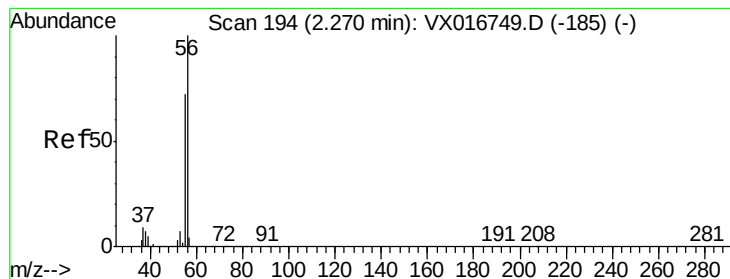


#12

1,1-Dichloroethene
Concen: 18.526 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	124.1	186.1
98	64.8	52.7	79.1





#13

Acrolein

Concen: 78.059 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 56 Resp: 27993

Ion Ratio Lower Upper

56 100

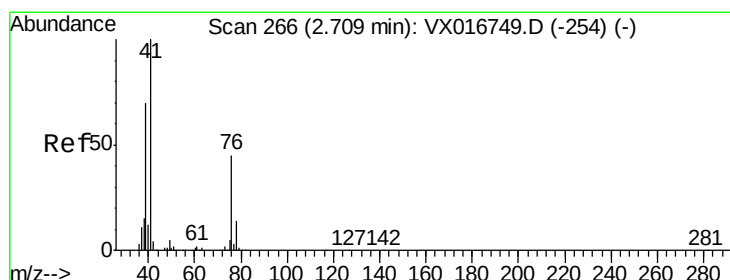
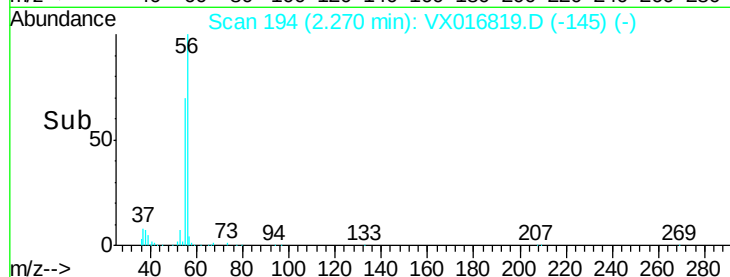
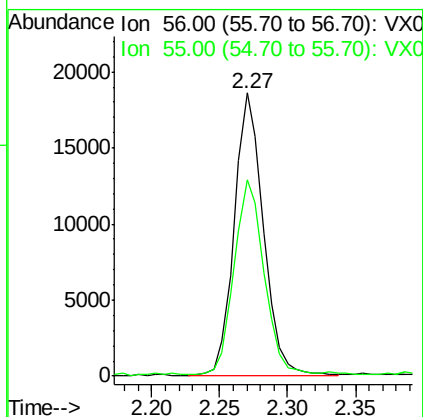
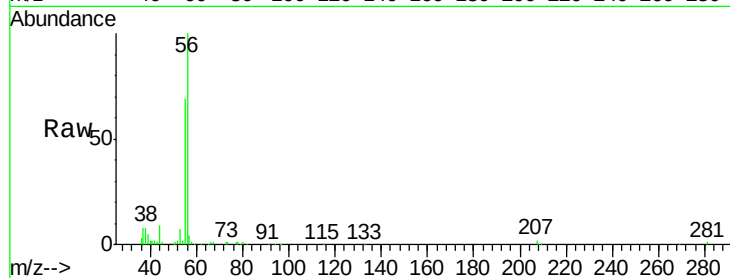
55 69.9 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 16.766 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

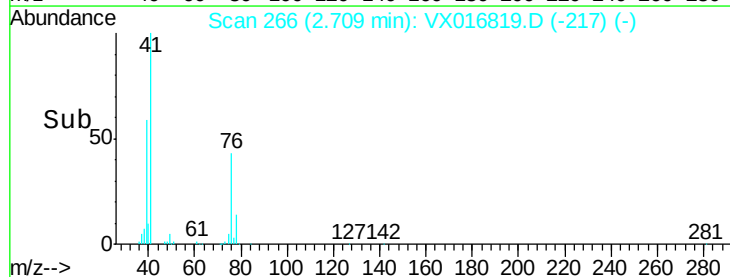
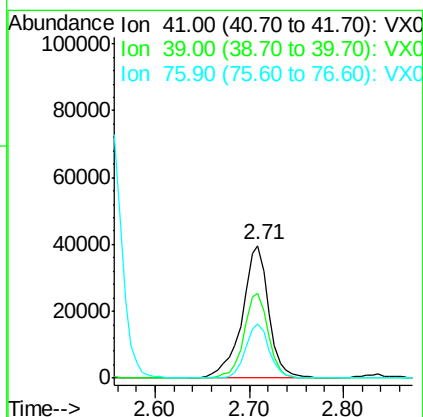
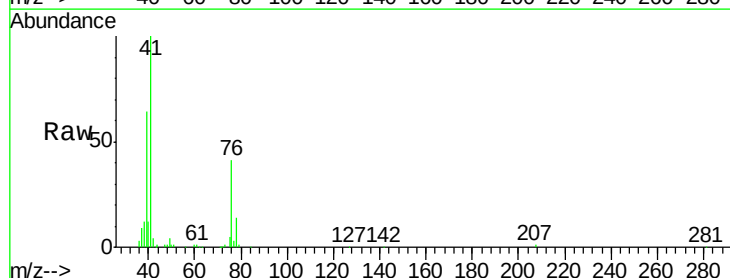
Tgt Ion: 41 Resp: 77989

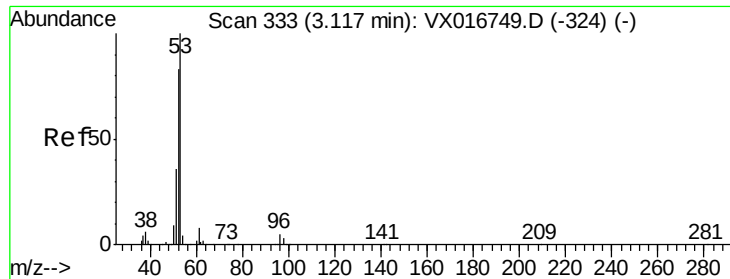
Ion Ratio Lower Upper

41 100

39 59.4 50.2 75.4

76 36.6 30.4 45.6





#15

Acrylonitrile

Concen: 83.921 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

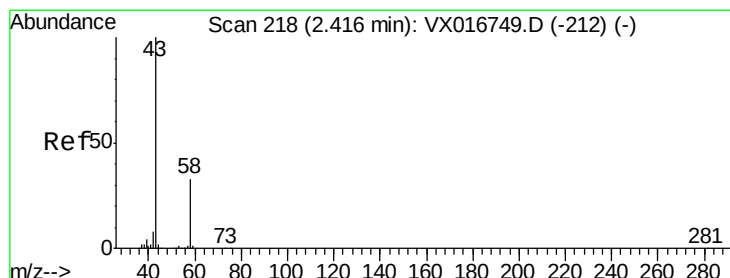
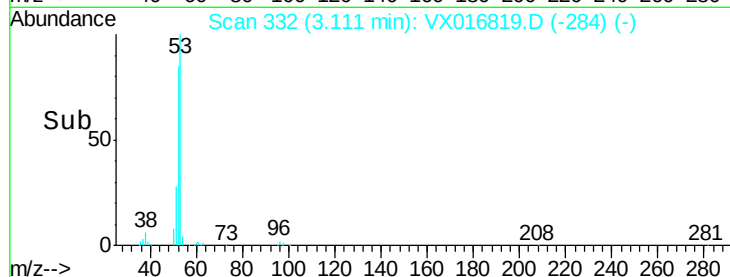
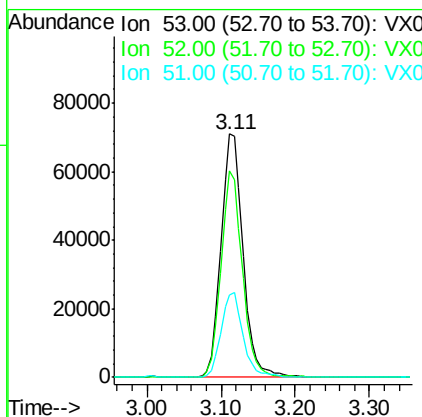
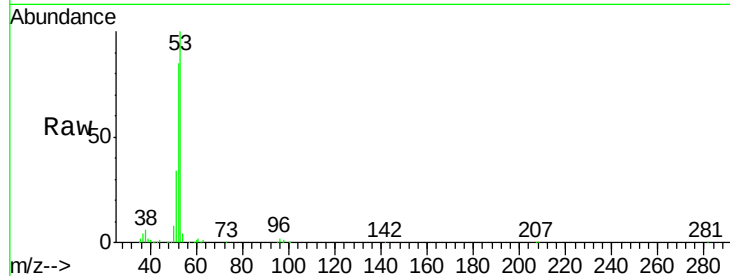
ClientSampleId :

VX0617WBS02

Tot Ion:	53	Resp:	146424
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.5	98.3
51	34.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 100.212 ug/l

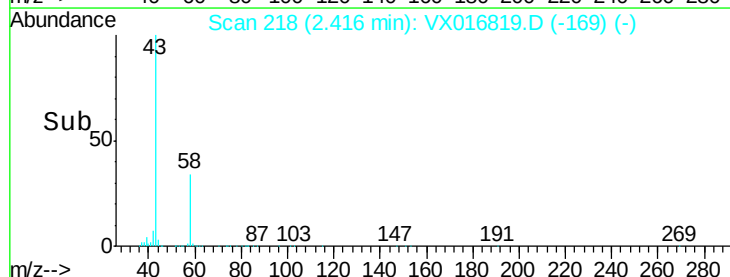
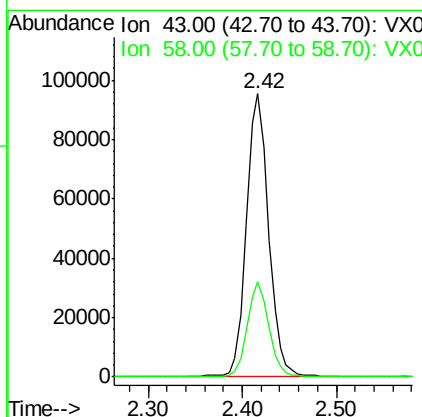
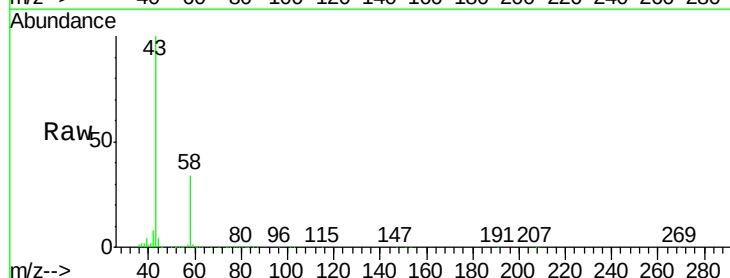
RT: 2.42 min Scan# 218

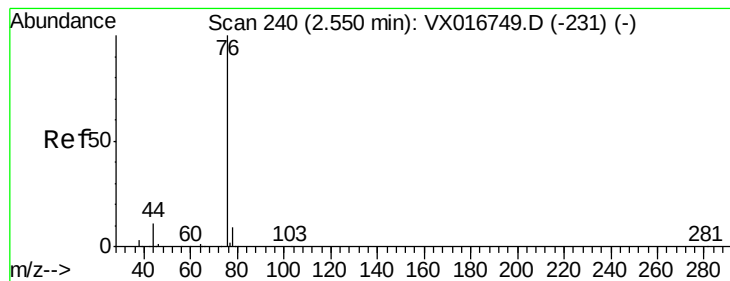
Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion:	43	Resp:	155585
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.3	39.5





#17

Carbon Disulfide

Concen: 15.726 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 76 Resp: 133954

Ion Ratio Lower Upper

76 100

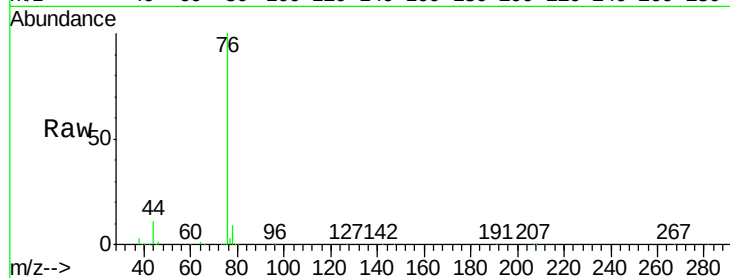
78 9.5 7.3 10.9

Manual Integrations

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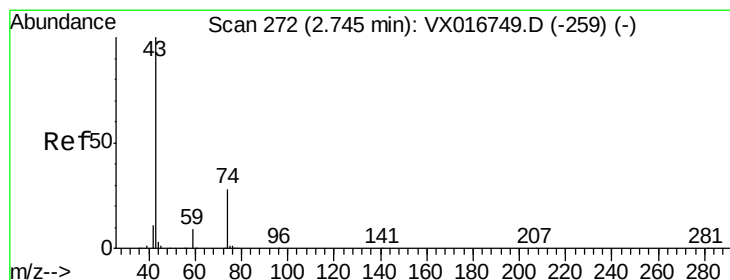
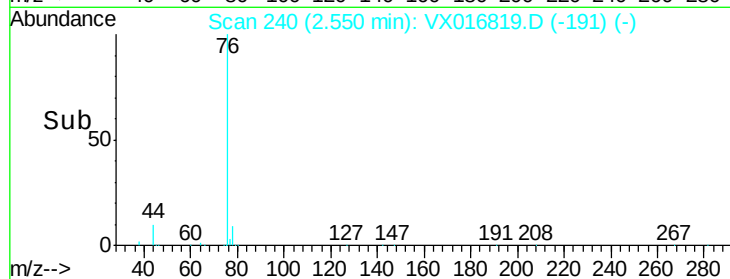
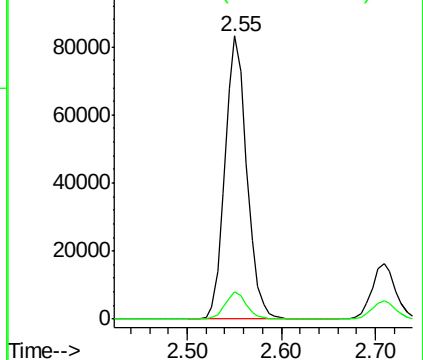
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.042 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016819.D

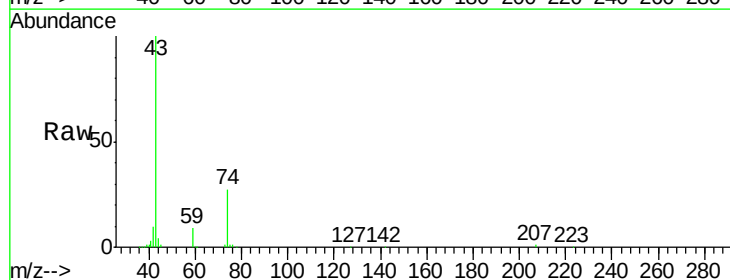
Acq: 17 Jun 2020 16:14

Tgt Ion: 43 Resp: 74767

Ion Ratio Lower Upper

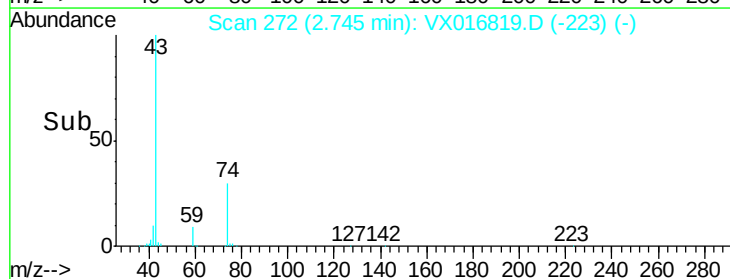
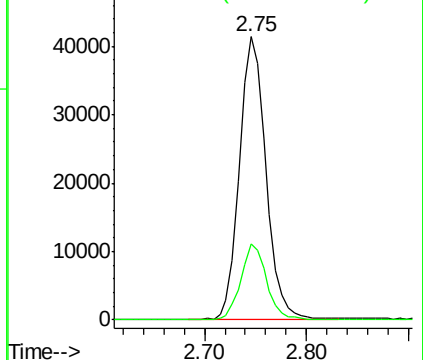
43 100

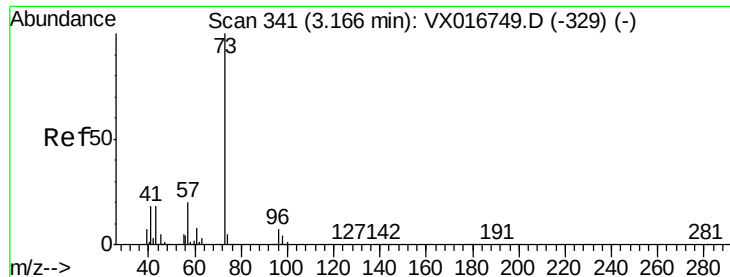
74 26.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

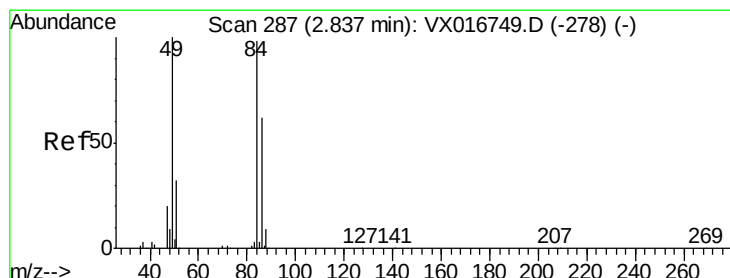
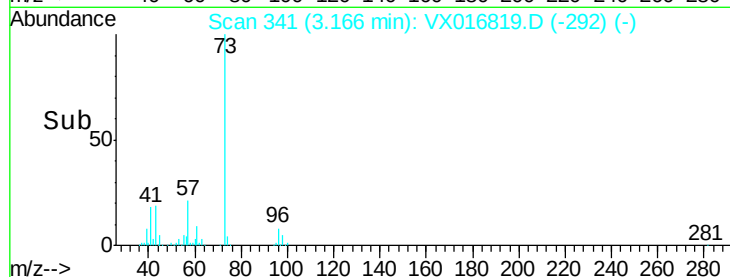
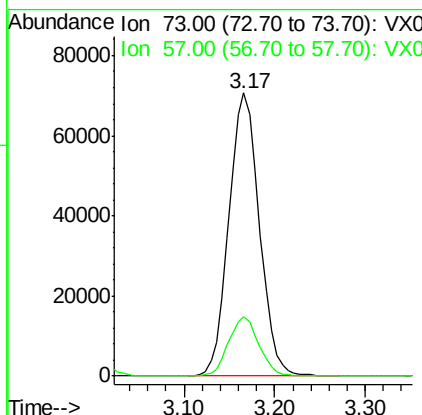
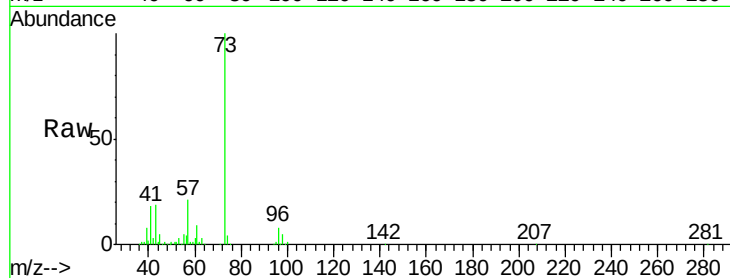
Methyl tert-butyl Ether
 Concen: 16.231 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	73	Resp	164524
Ion Ratio	Lower	Upper	
73	100		
57	21.1	16.2	24.4

Manual Integrations
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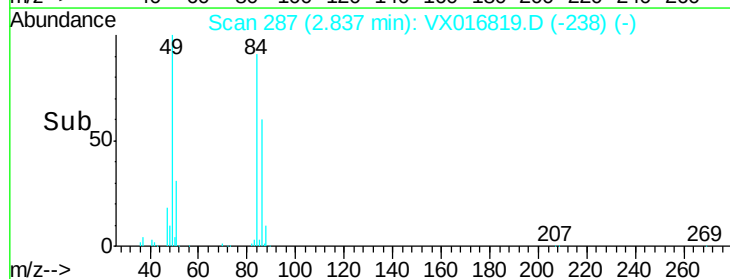
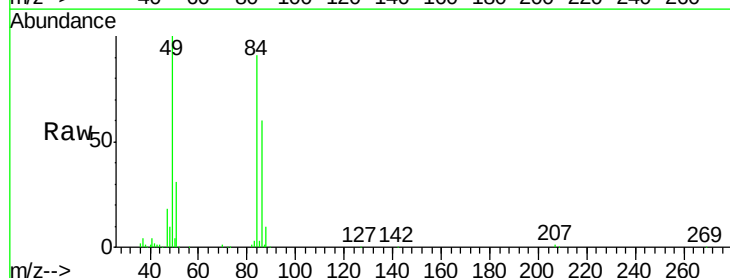
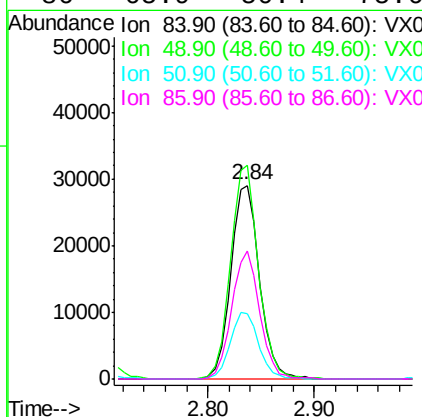
MMDadoda
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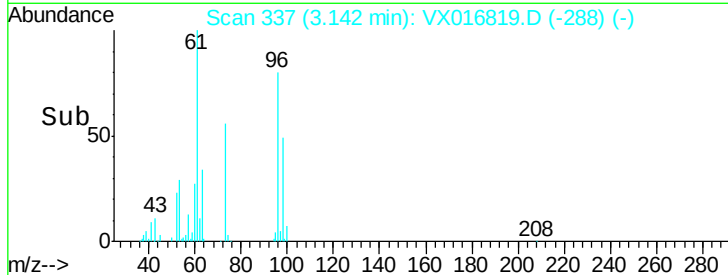
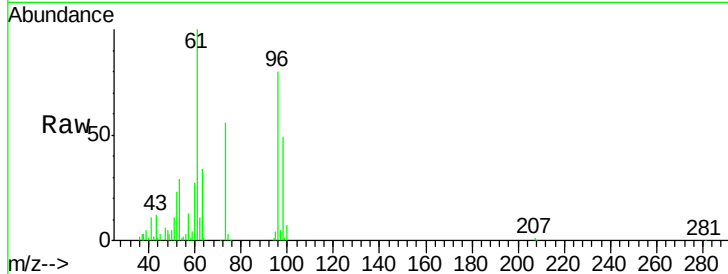
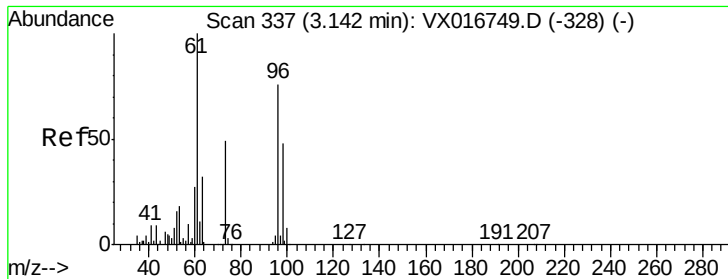


#20

Methylene Chloride
 Concen: 16.390 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	84	Resp	54812
Ion Ratio	Lower	Upper	
84	100		
49	110.3	81.8	122.8
51	33.9	25.8	38.8
86	65.9	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 16.495 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tot Ion:	96	Resp:	52718
Ion	Ratio	Lower	Upper
96	100		
61	125.5	105.4	158.2
98	61.1	50.8	76.2

Instrument :

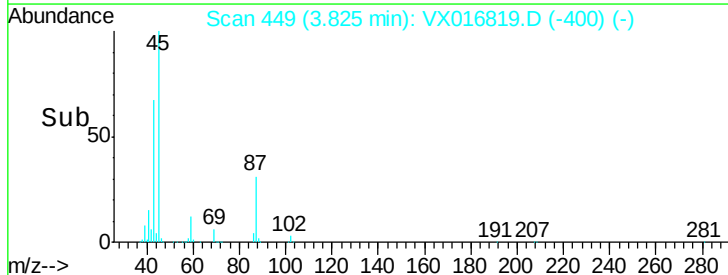
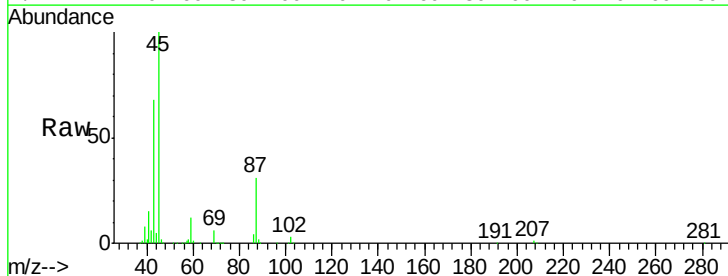
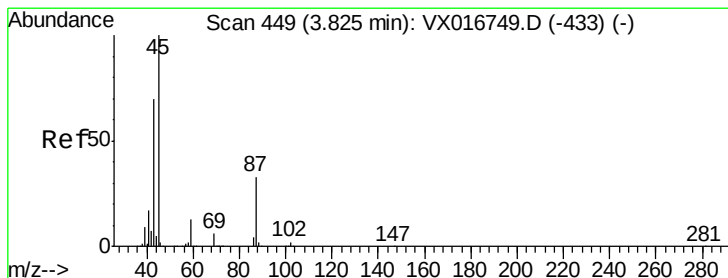
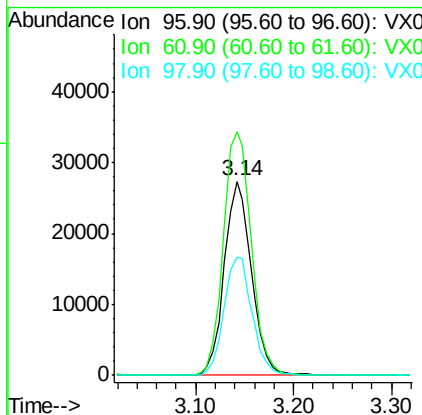
MSVOA_X

ClientSampleId :

VX0617WBS02

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.495 ug/l

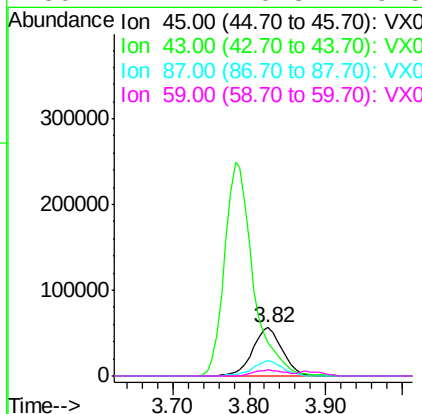
RT: 3.82 min Scan# 449

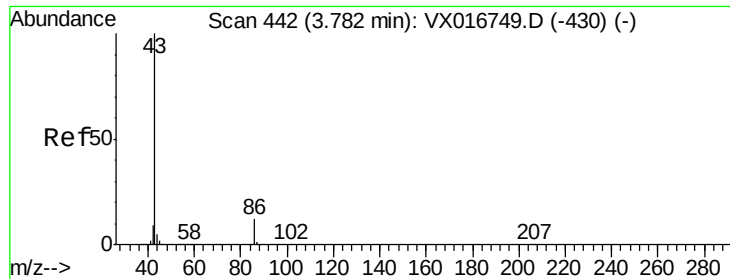
Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion:	45	Resp:	152854
Ion	Ratio	Lower	Upper
45	100		
43	67.5	56.2	84.4
87	31.4	26.2	39.4
59	12.1	10.3	15.5





#23

Vinyl Acetate

Concen: 84.906 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 43 Resp: 641194

Ion Ratio Lower Upper

43 100

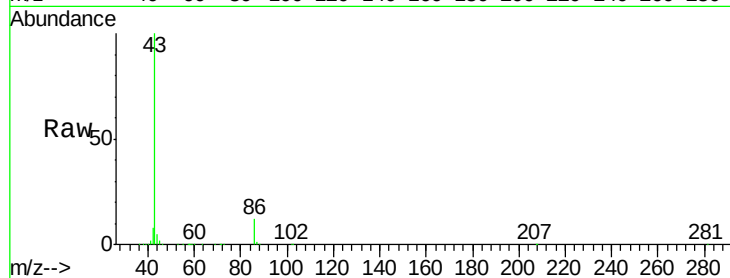
86 12.2 9.8 14.8

Manual Integrations

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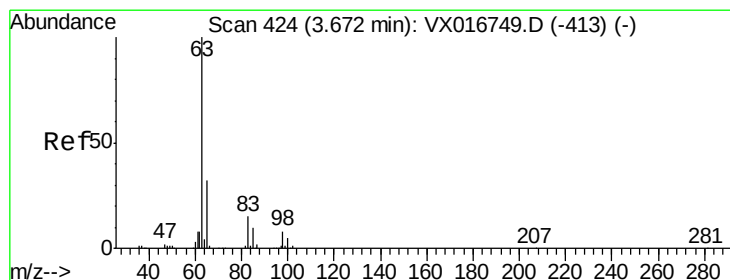
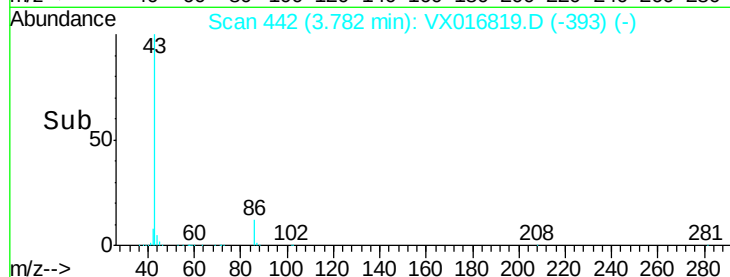
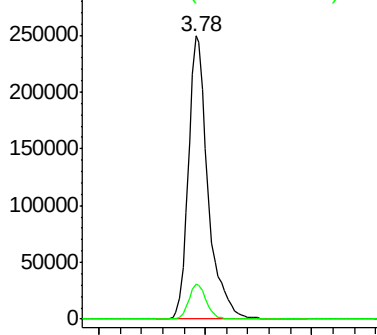
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.592 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

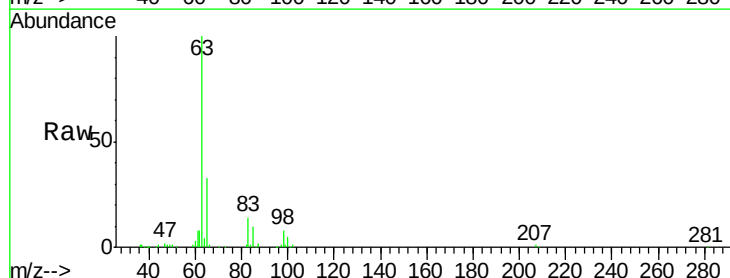
Tgt Ion: 63 Resp: 90672

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

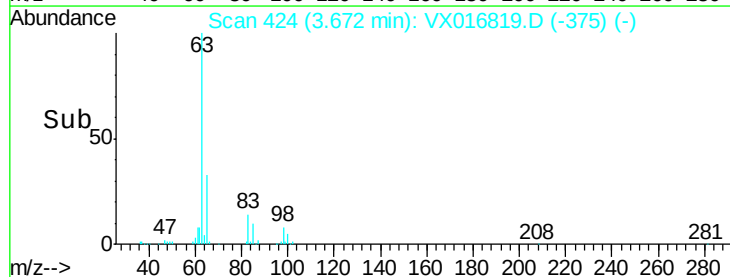
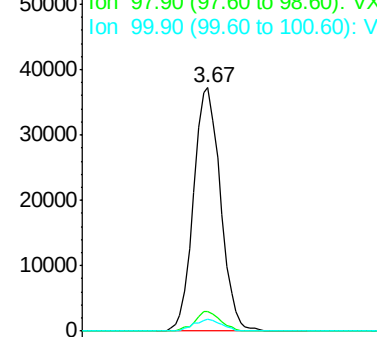
100 5.1 2.3 6.9

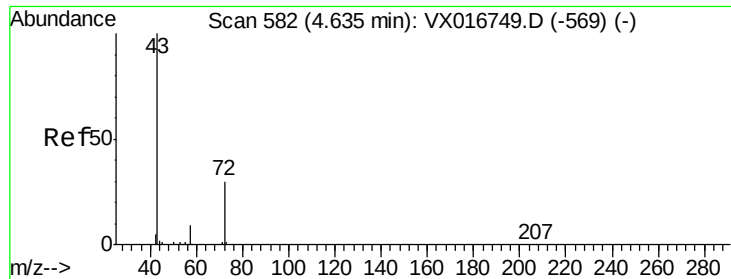


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.719 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 43 Resp: 198231

Ion Ratio Lower Upper

43 100

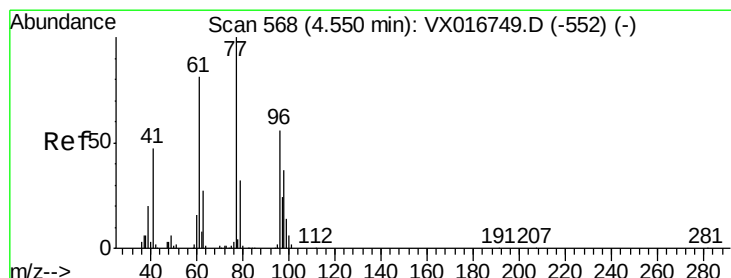
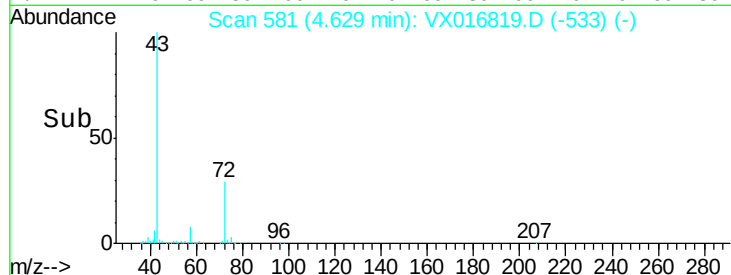
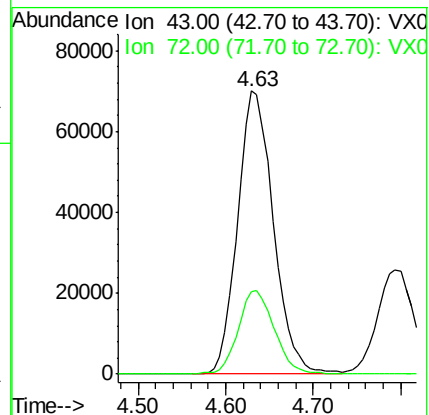
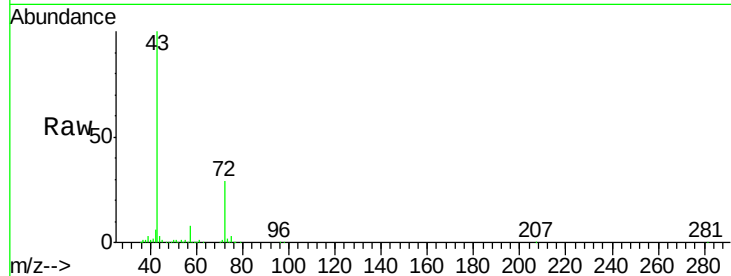
72 28.9 24.2 36.4

Manual Integrations

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6/18/2020 11:16:01 AM



#26

2,2-Dichloropropane

Concen: 16.634 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016819.D

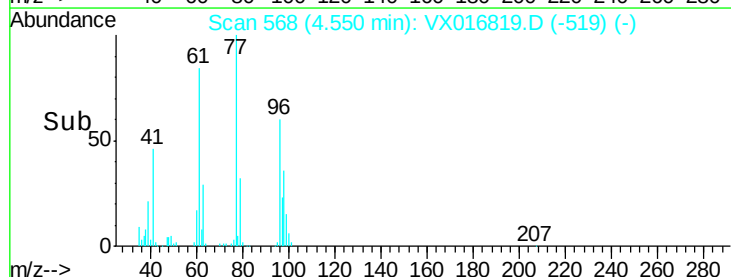
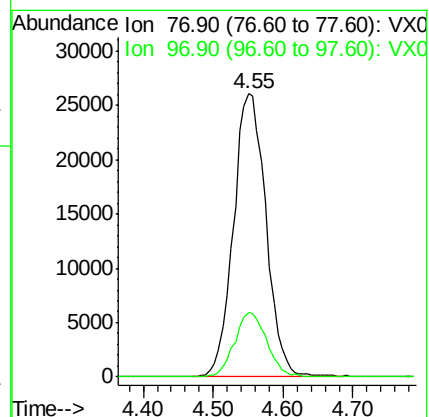
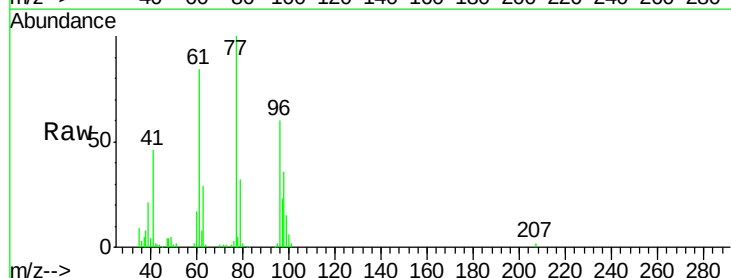
Acq: 17 Jun 2020 16:14

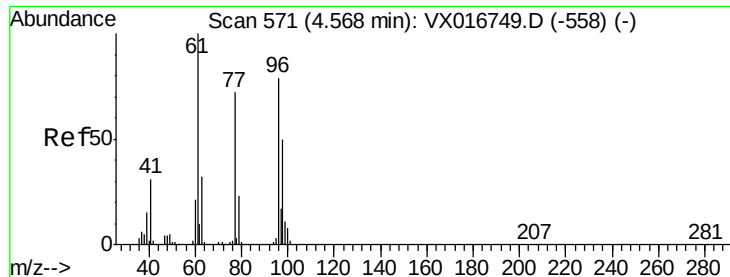
Tgt Ion: 77 Resp: 84169

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

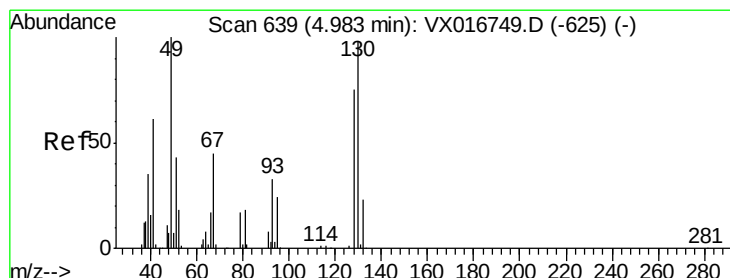
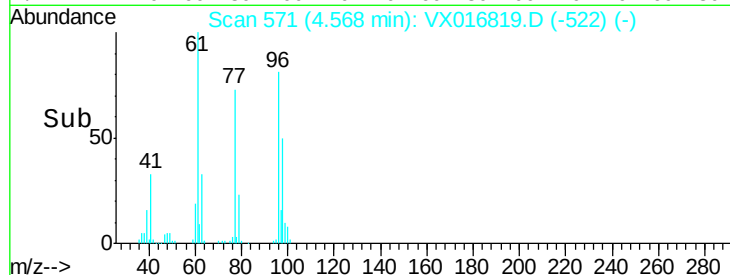
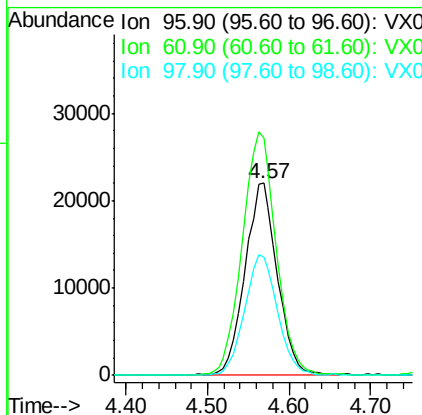
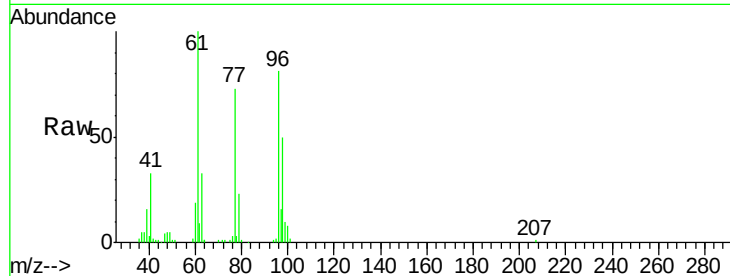
cis-1,2-Dichloroethene
Concen: 16.666 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	276.2
98	63.7	0.0	130.0

Manual Integrations
APPROVED

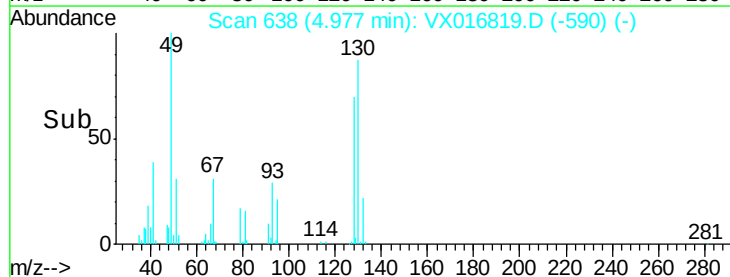
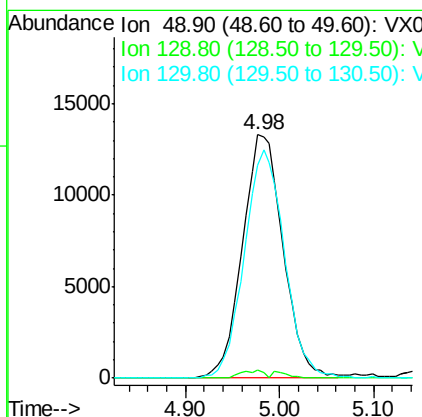
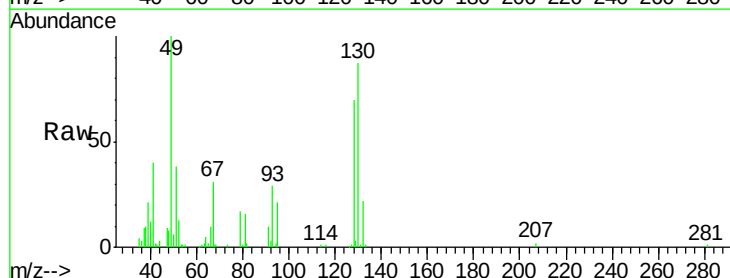
MMDadoda
6/18/2020 11:16:01 AM

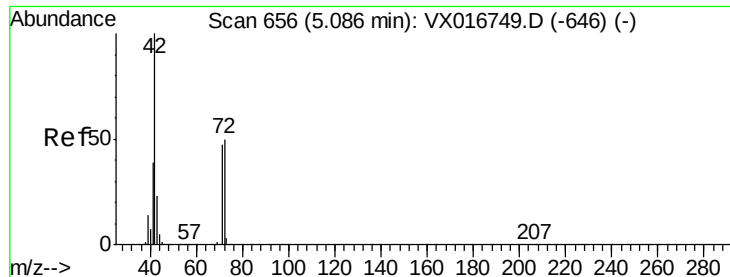


#28

Bromochloromethane
Concen: 17.278 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.8
130	92.4	76.0	114.0





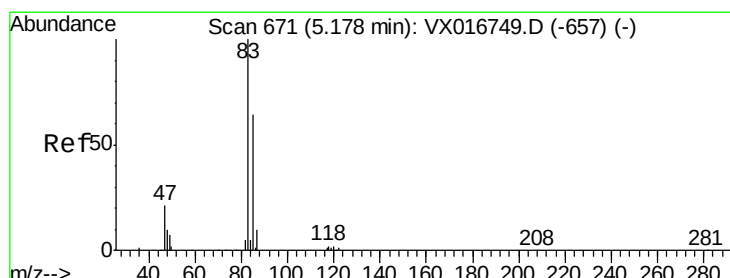
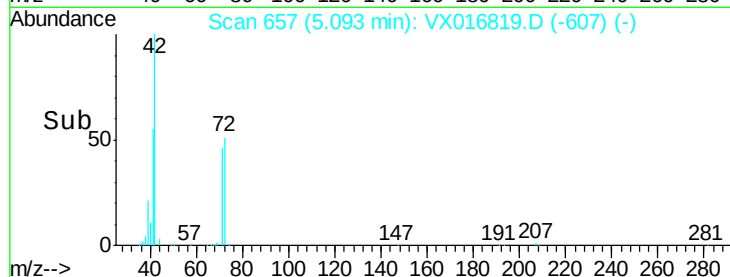
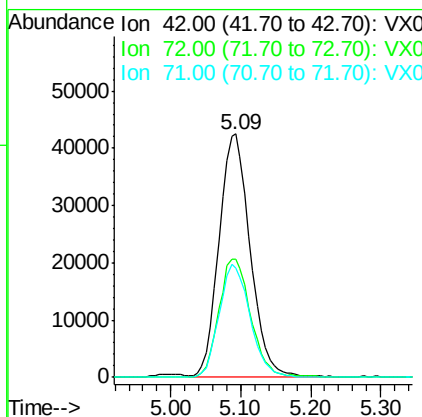
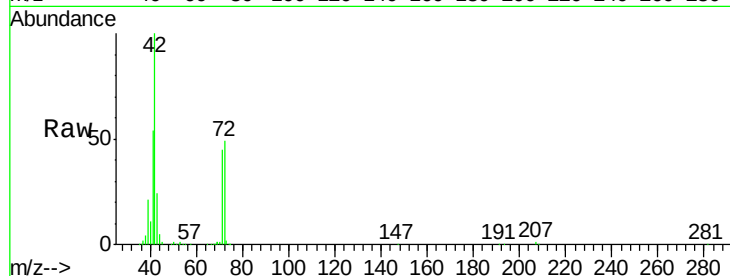
#29
Tetrahydrofuran
Concen: 86.503 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion:	42	Resp:	131121
Ion Ratio	Lower	Upper	
42	100		
72	49.7	41.0	61.6
71	46.3	38.2	57.4

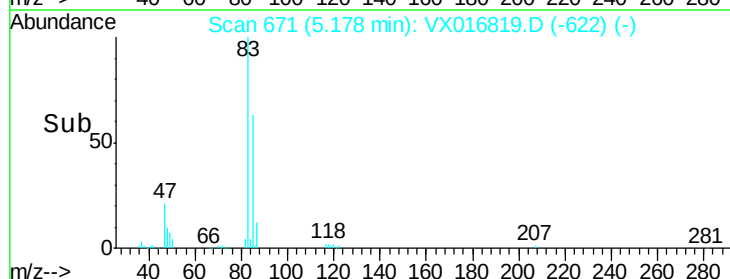
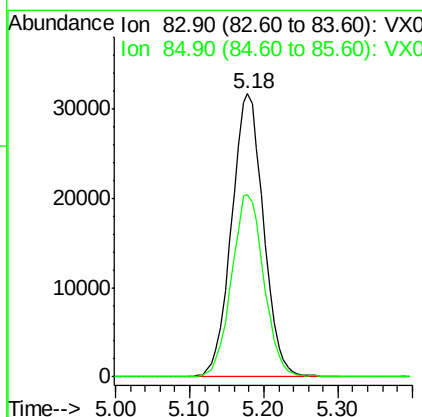
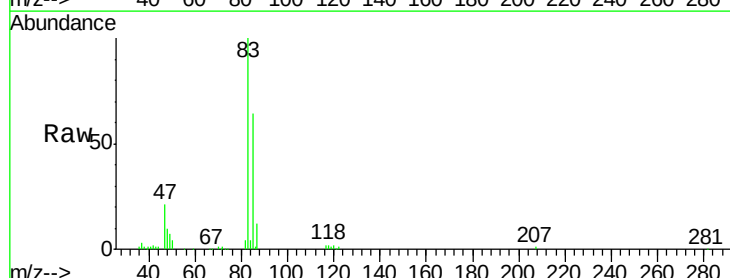
Manual Integrations
APPROVED

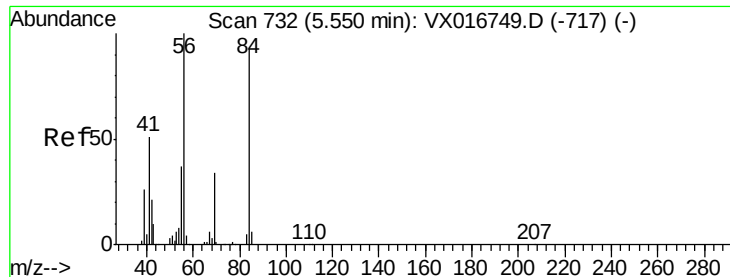
MMDadoda
6/18/2020 11:16:01 AM



#30
Chloroform
Concen: 16.472 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion:	83	Resp:	95229
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.8	76.2





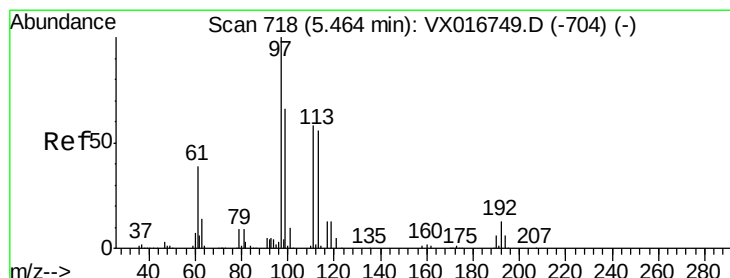
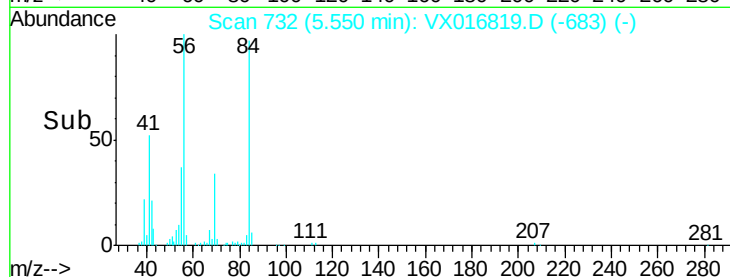
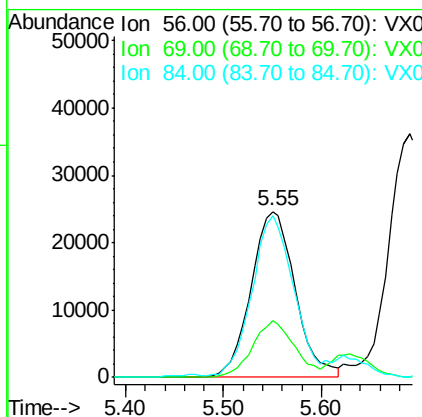
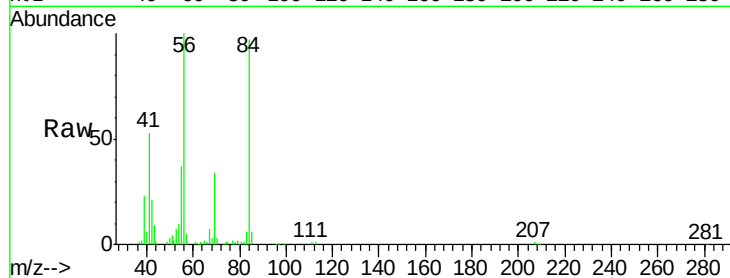
#31
Cyclohexane
Concen: 18.007 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	27.1	40.7
84	95.6	74.0	111.0

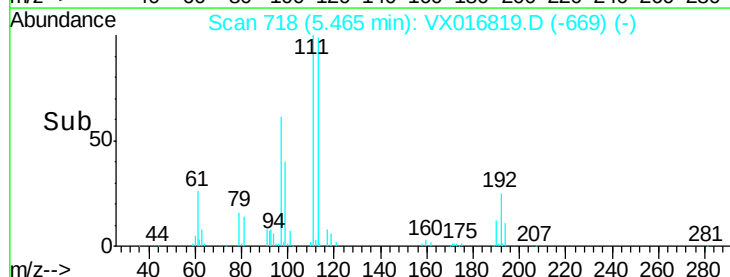
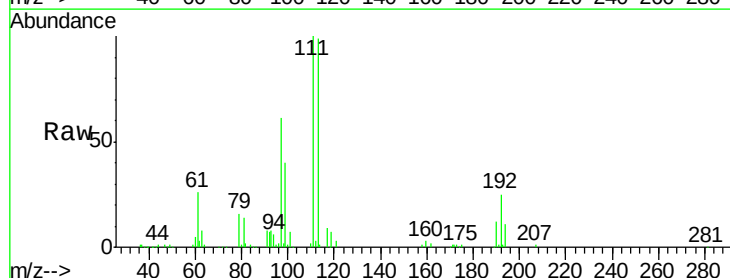
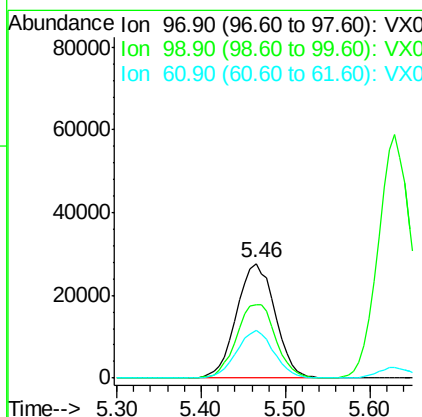
Manual Integrations
APPROVED

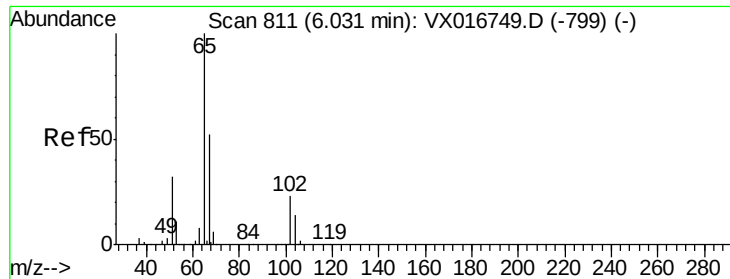
MMDadoda
6/18/2020 11:16:01 AM



#32
1,1,1-Trichloroethane
Concen: 16.402 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.5	77.3
61	40.4	31.3	46.9





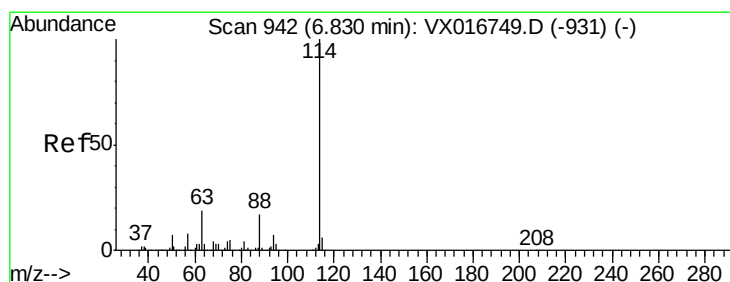
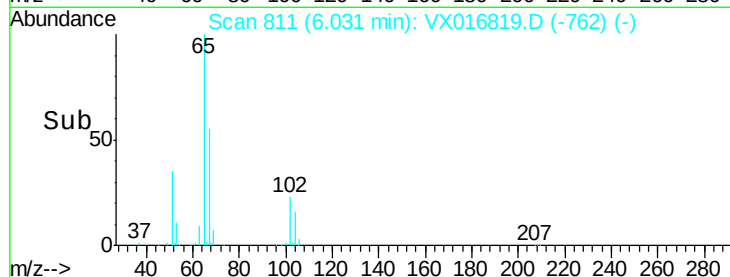
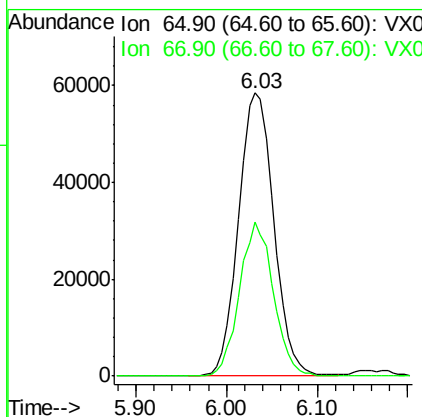
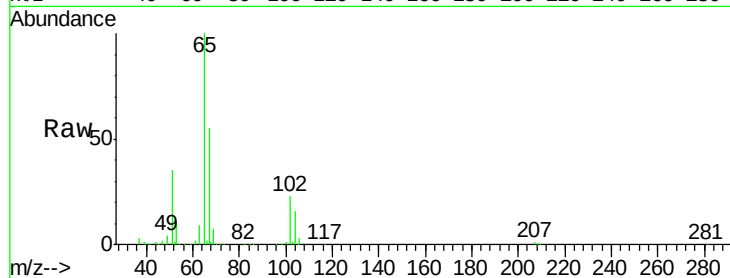
#33
 1,2-Dichloroethane-d4
 Concen: 46.219 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0

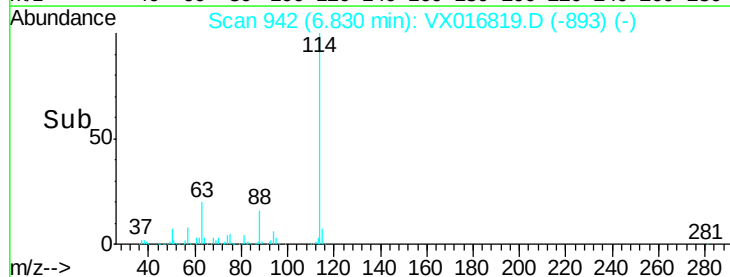
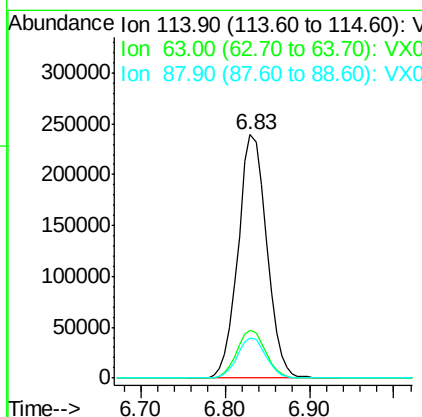
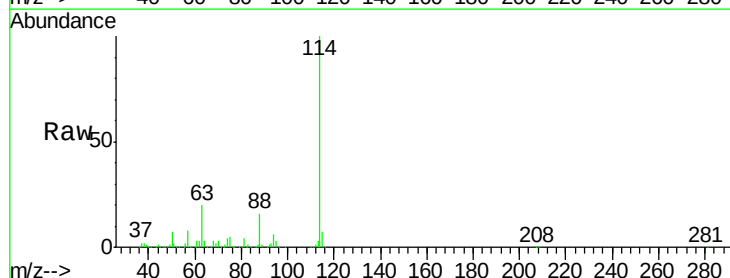
Manual Integrations
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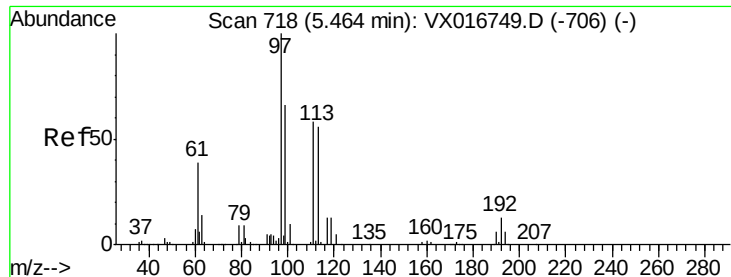
MMDadoda
 6/18/2020 11:16:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.8
88	16.3	0.0	33.4





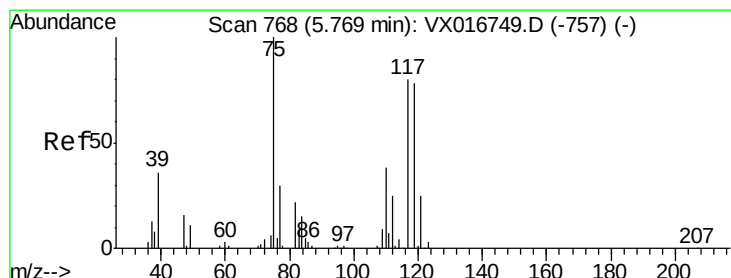
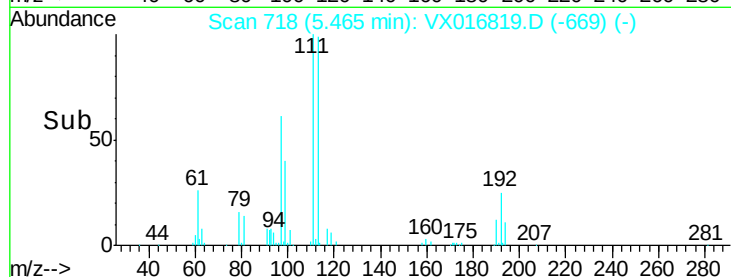
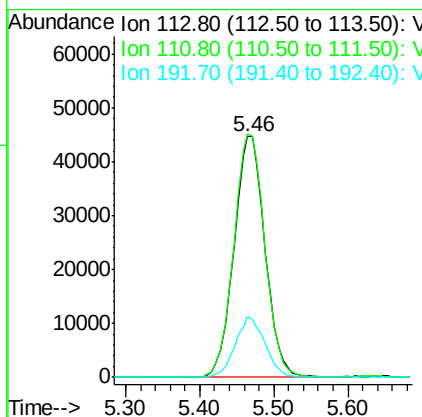
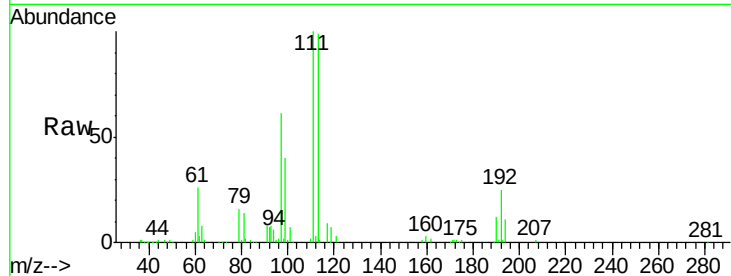
#35
 Dibromofluoromethane
 Concen: 38.496 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130450		
111	100.9	81.8	122.6	
192	24.0	18.2	27.4	

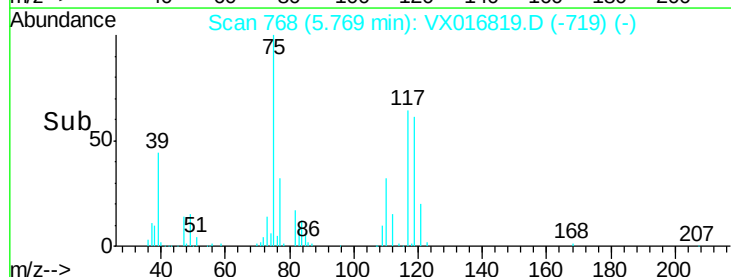
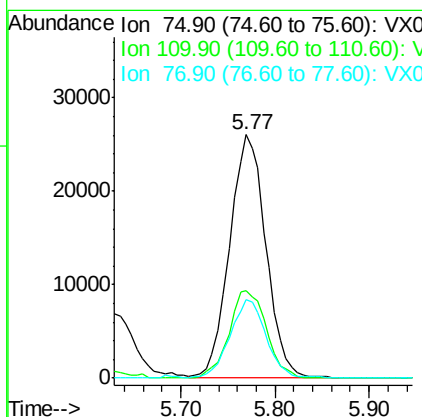
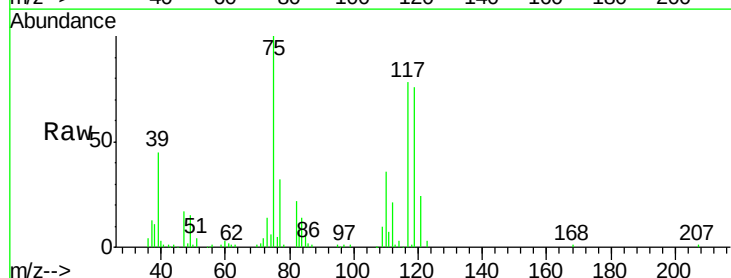
Manual Integrations
 APPROVED

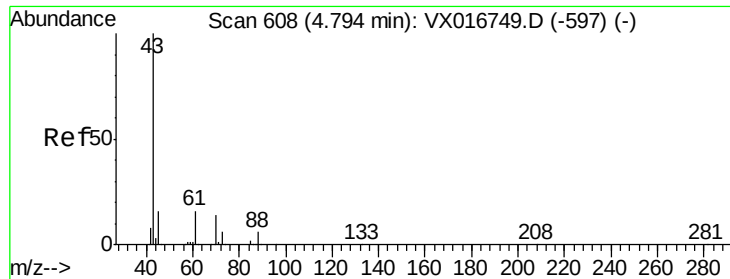
MMDadoda
 6/18/2020 11:16:01 AM



#36
 1,1-Dichloropropene
 Concen: 14.312 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69465		
110	37.5	18.4	55.2	
77	32.3	24.7	37.1	





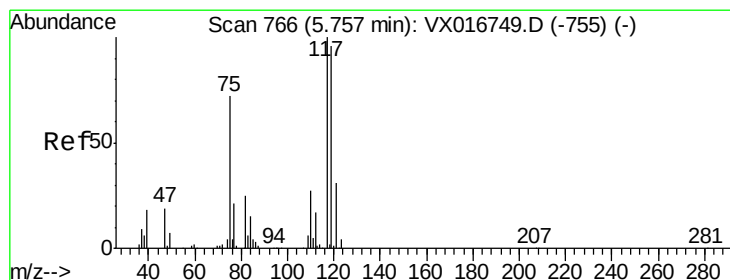
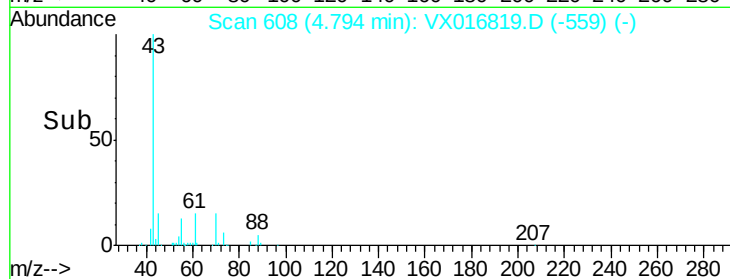
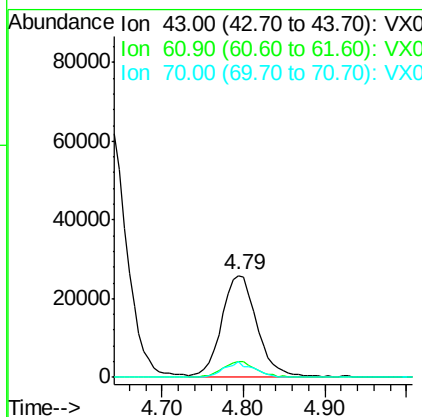
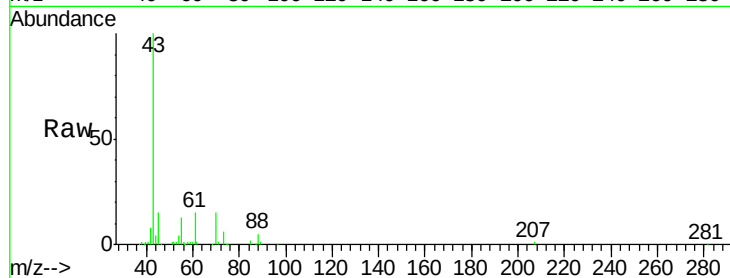
#37
Ethyl Acetate
Concen: 14.371 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampled :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	13.3	10.8	16.2

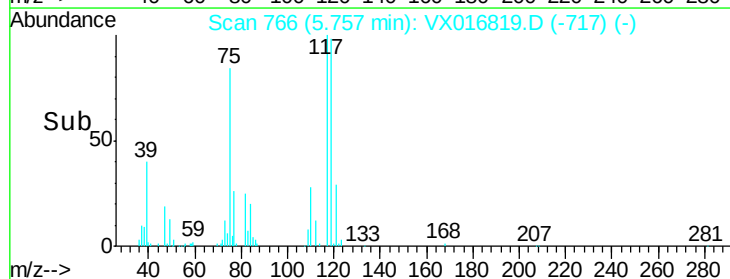
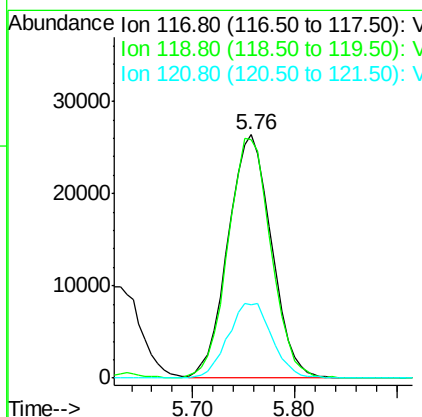
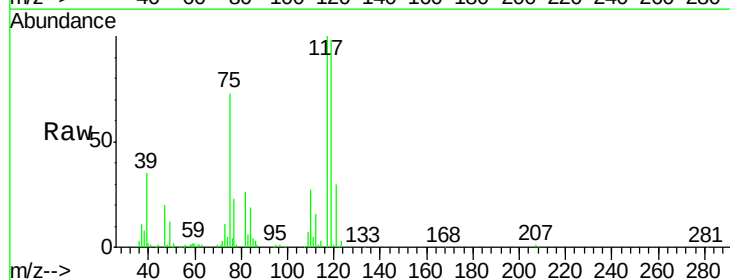
Manual Integrations
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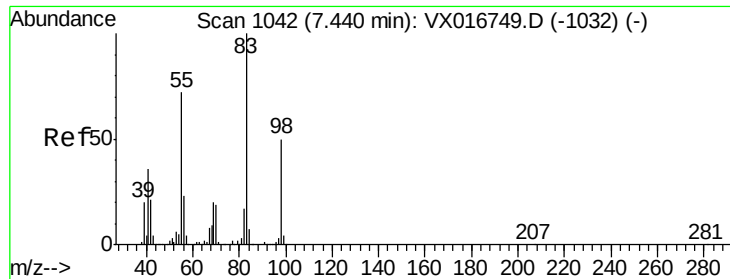
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#38
Carbon Tetrachloride
Concen: 14.168 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.7	115.1
121	30.0	24.7	37.1





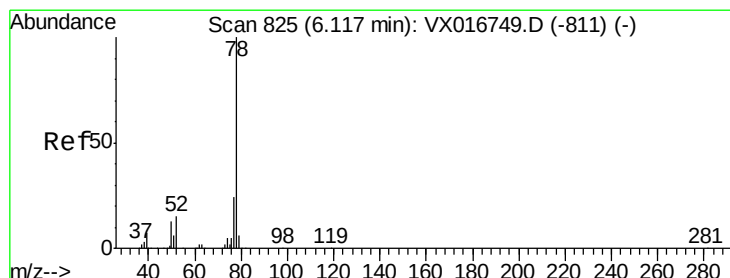
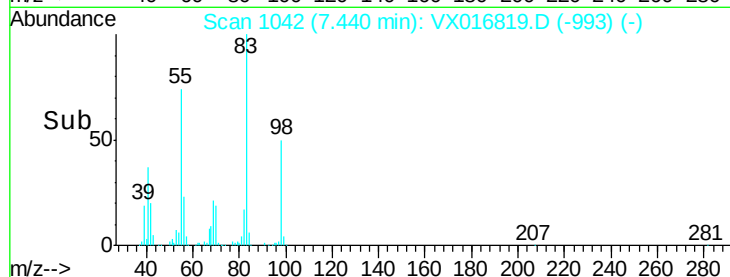
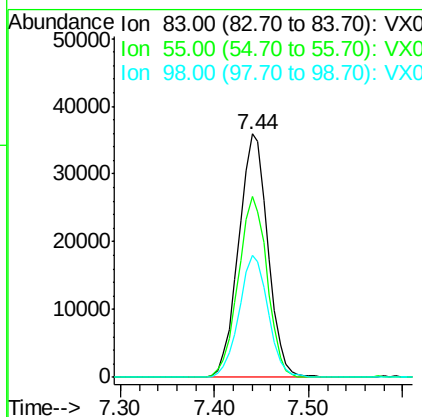
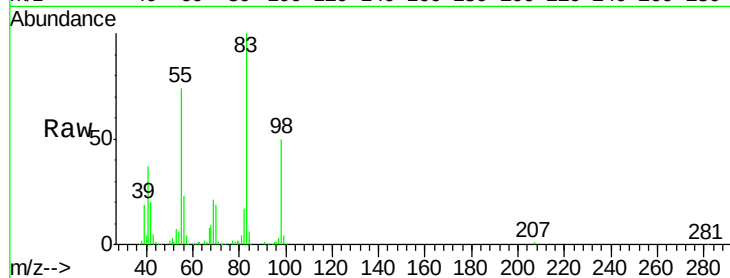
#39
Methylvlcyclohexane
Concen: 14.549 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	57.3	85.9
98	50.4	40.3	60.5

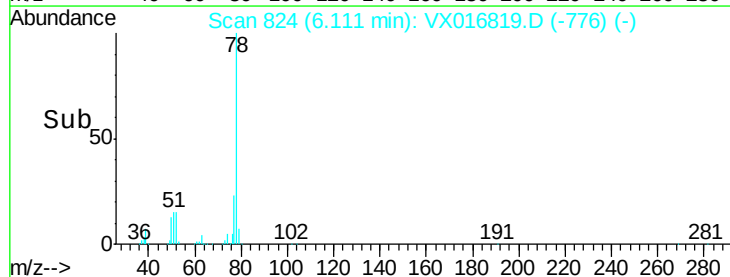
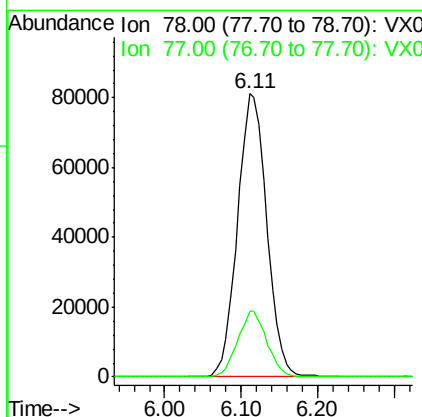
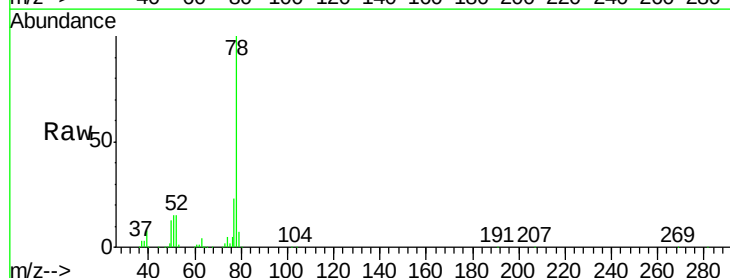
Manual Integrations
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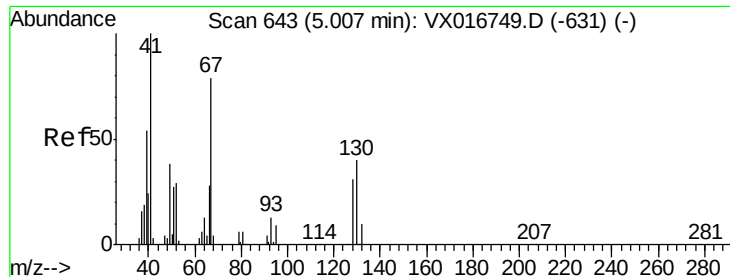
MMDadoda
6/18/2020 11:16:01 AM



#40
Benzene
Concen: 14.585 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





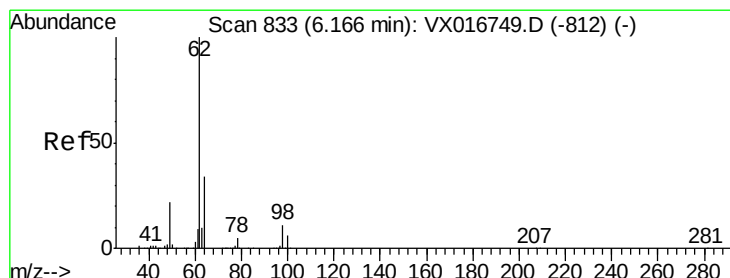
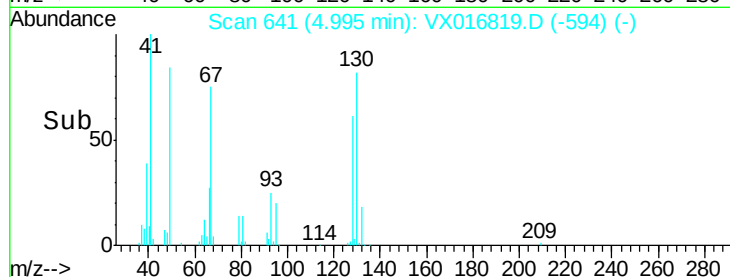
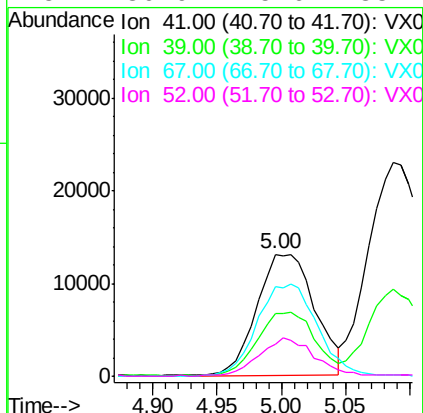
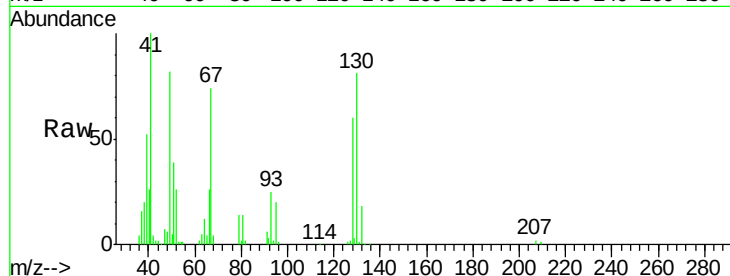
#41
Methacrylonitrile
Concen: 14.492 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.7	65.5
67	79.1	64.6	96.8
52	30.9	25.6	38.4

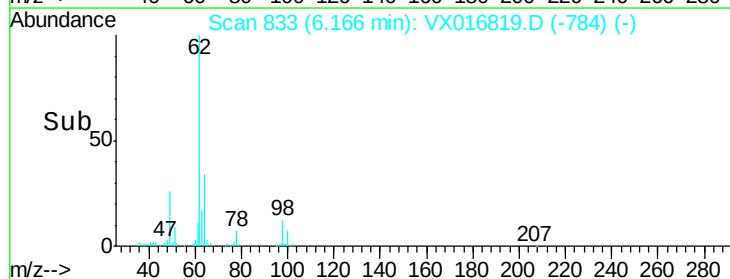
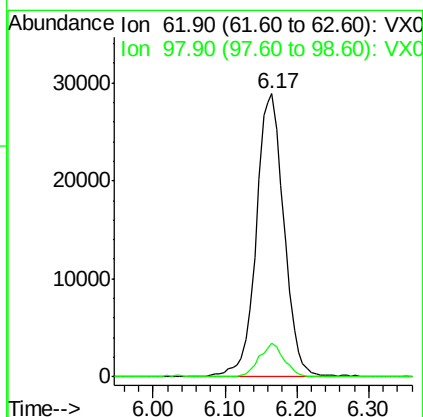
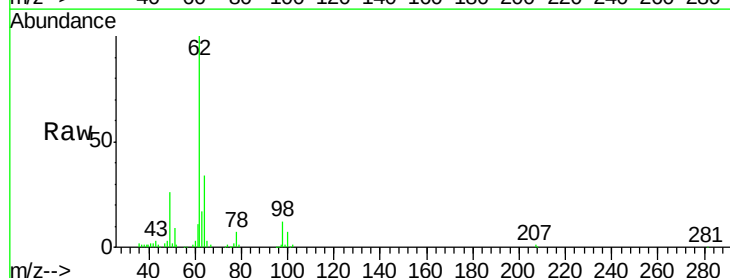
Manual Integrations
APPROVED

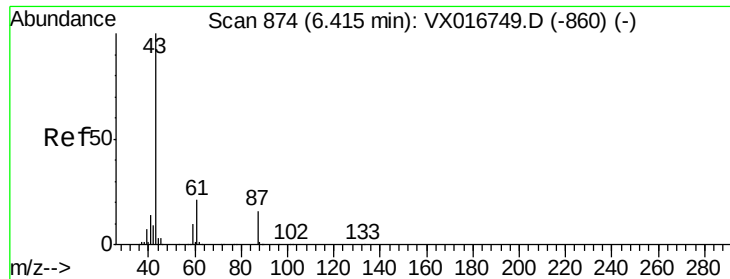
MMDadoda
6/18/2020 11:16:01 AM



#42
1,2-Dichloroethane
Concen: 14.311 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2





#43

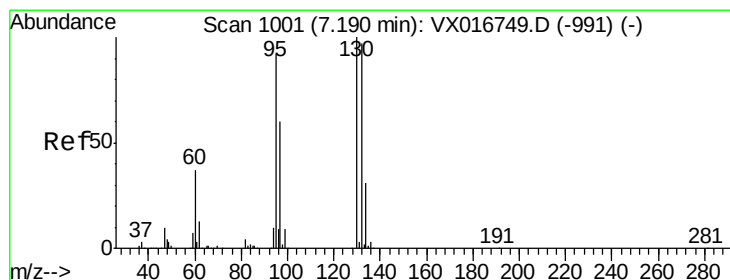
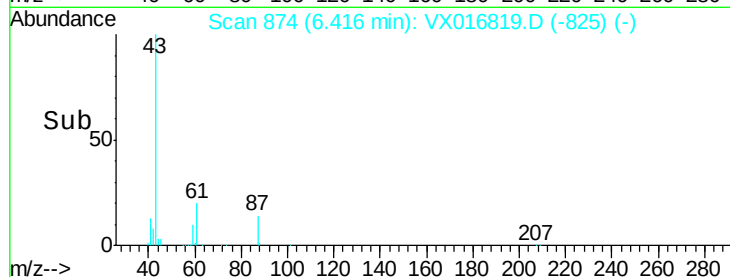
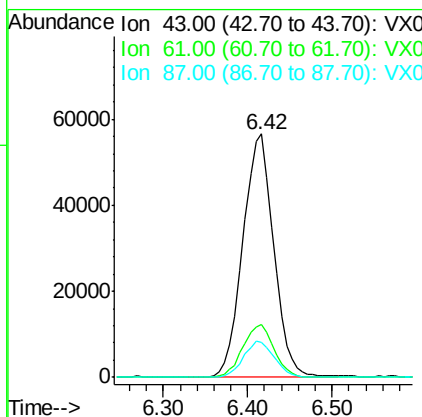
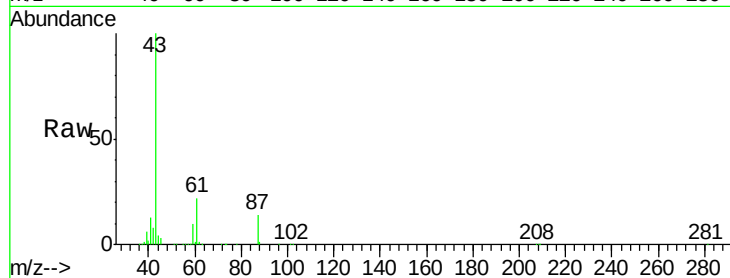
Isopropyl Acetate
 Concen: 16.896 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.7	26.5
87	15.0	12.5	18.7

Manual Integrations
 APPROVED

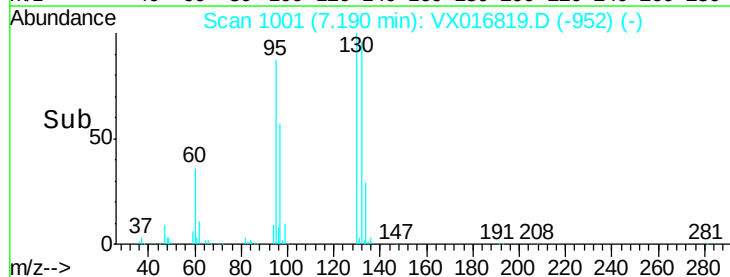
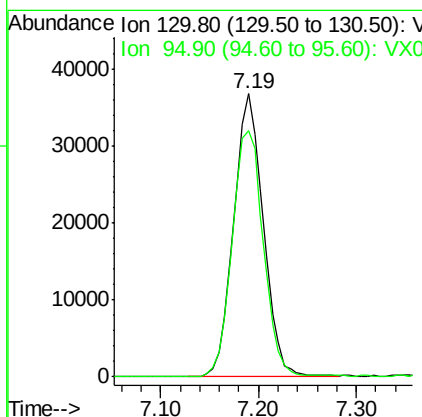
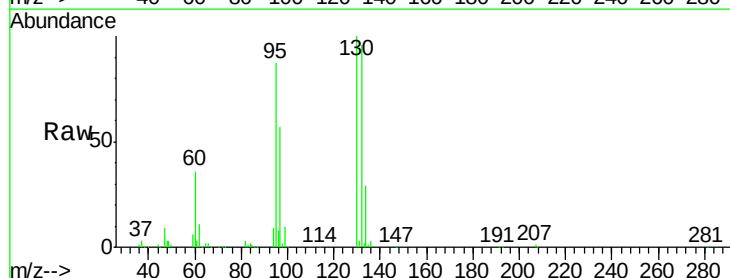
MMDadoda
 6/18/2020 11:16:01 AM

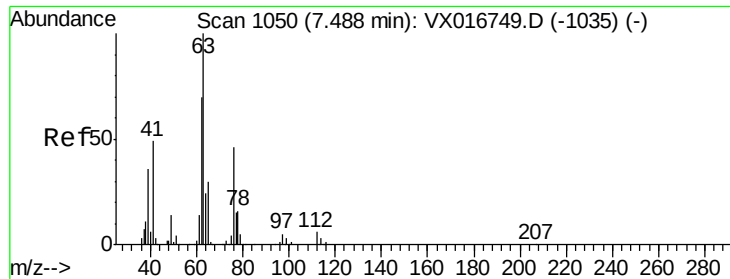


#44

Trichloroethene
 Concen: 16.993 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.1	0.0	183.6





#45

1,2-Dichloropropane

Concen: 14.353 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS02

Tot Ion: 63 Resp: 51996

Ion Ratio Lower Upper

63 100

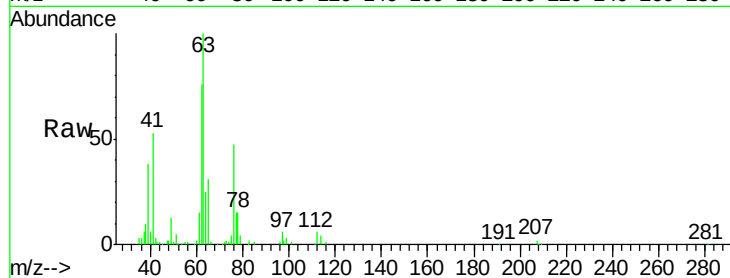
65 30.9 24.2 36.2

Manual Integrations

APPROVED

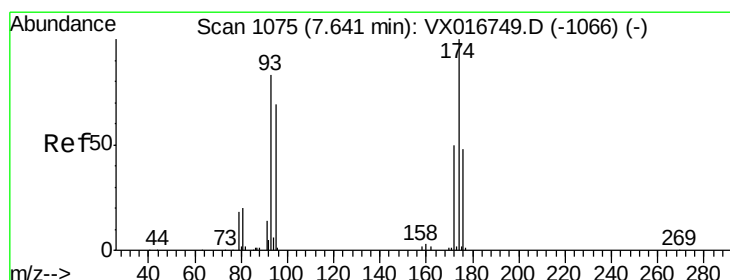
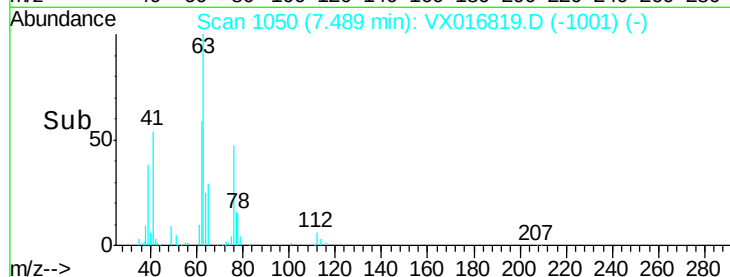
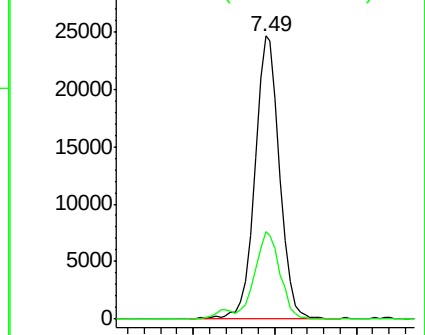
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 14.013 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

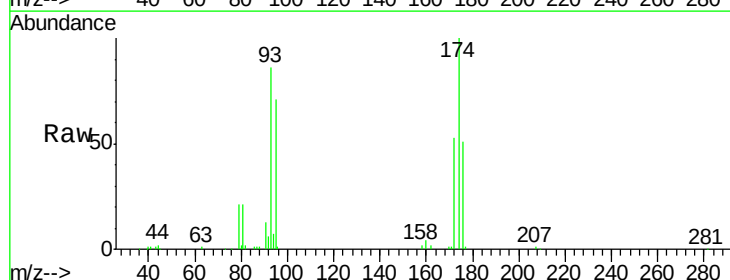
Tgt Ion: 93 Resp: 36998

Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

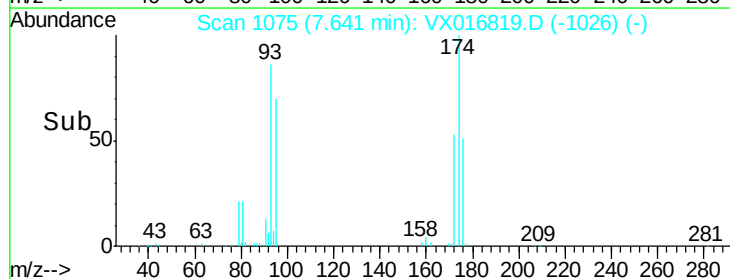
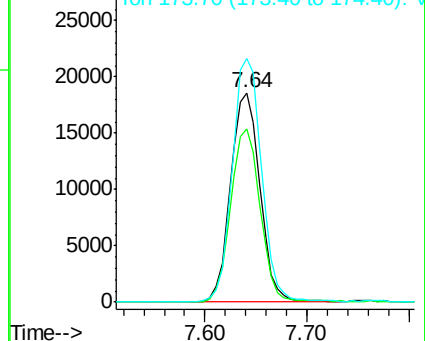
174 116.0 93.8 140.8

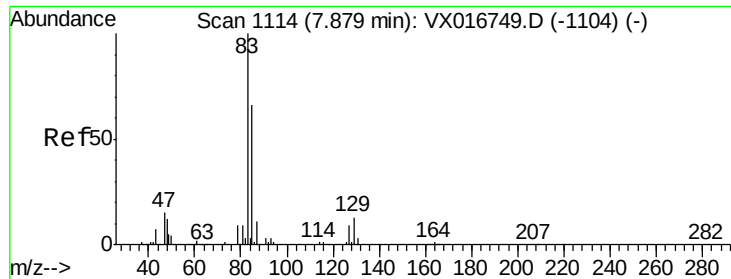


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 13.704 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

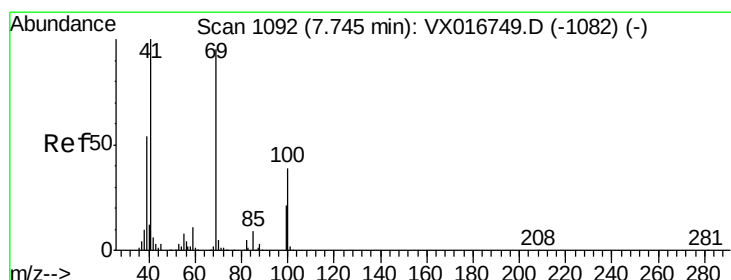
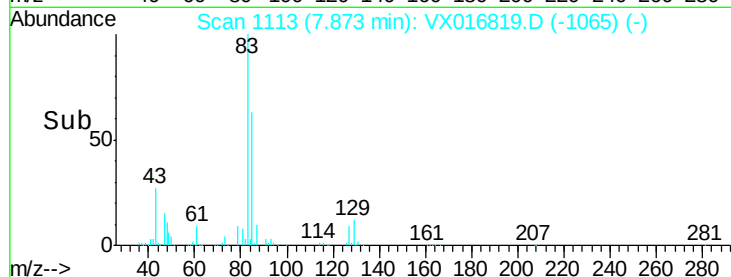
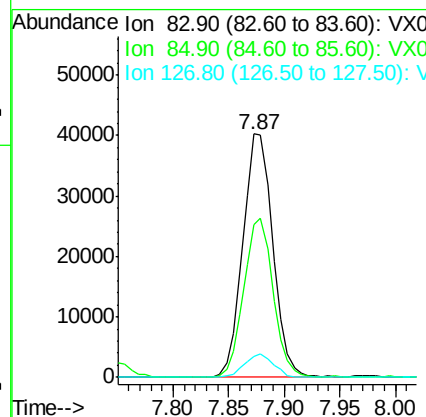
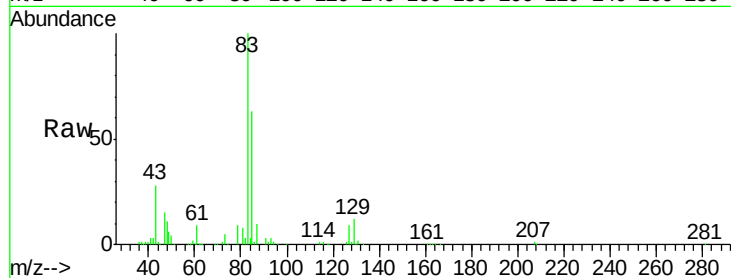
ClientSampleId :

VX0617WBS02

Tot Ion:	83	Resp:	75433
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.5	78.7
127	8.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 14.299 ug/l

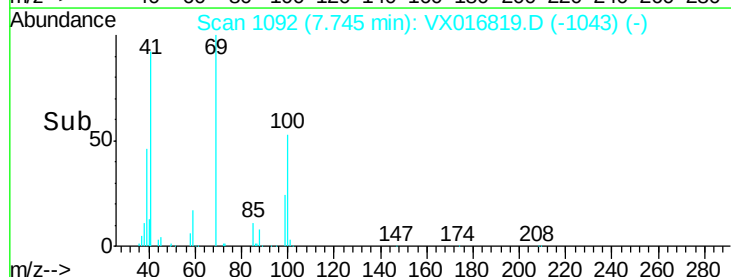
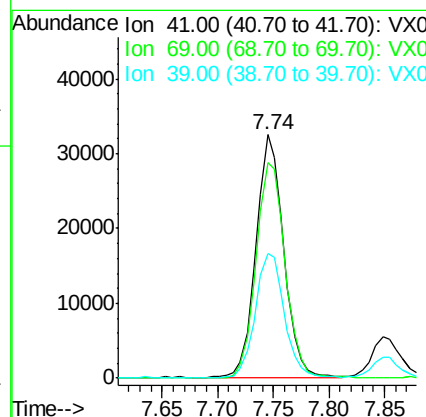
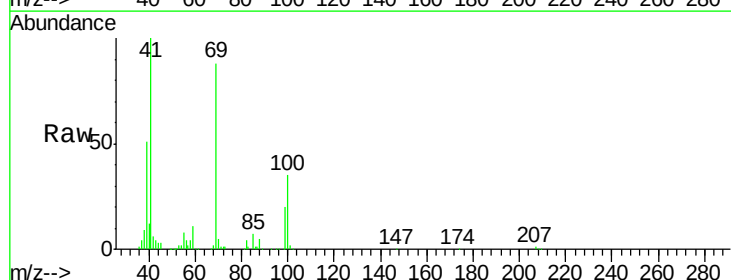
RT: 7.74 min Scan# 1092

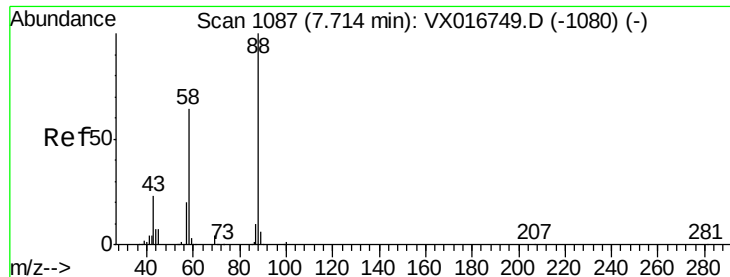
Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion:	41	Resp:	56460
Ion	Ratio	Lower	Upper
41	100		
69	93.6	75.0	112.6
39	54.0	44.3	66.5





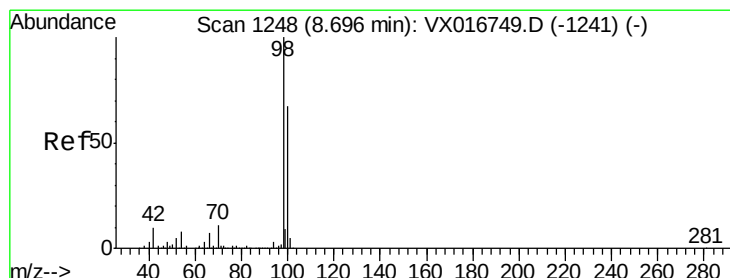
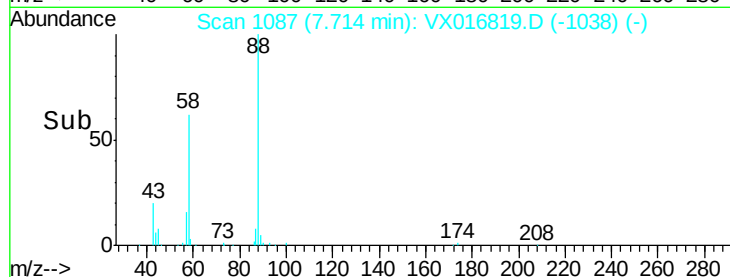
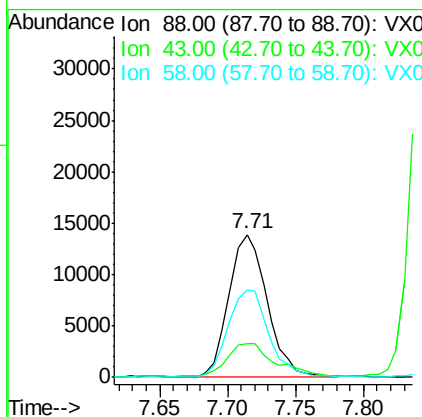
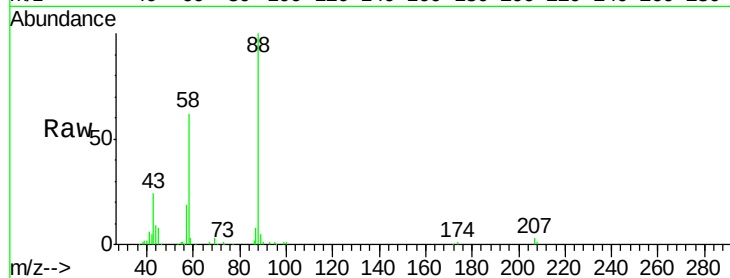
#49
1,4-Dioxane
Concen: 280.331 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	88	Resp	27392
Ion Ratio	Lower	Upper	
88	100		
43	29.5	22.9	34.3
58	65.5	53.7	80.5

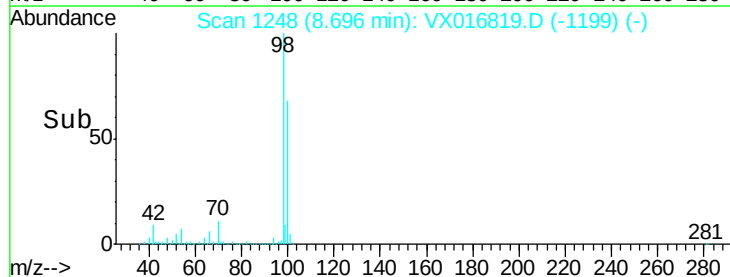
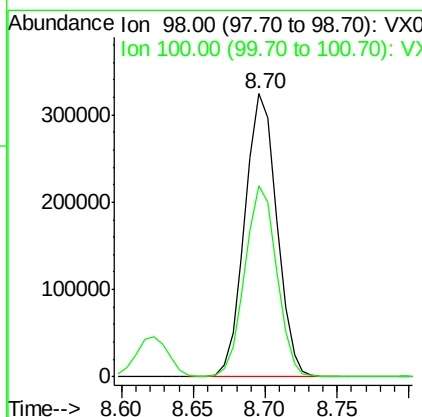
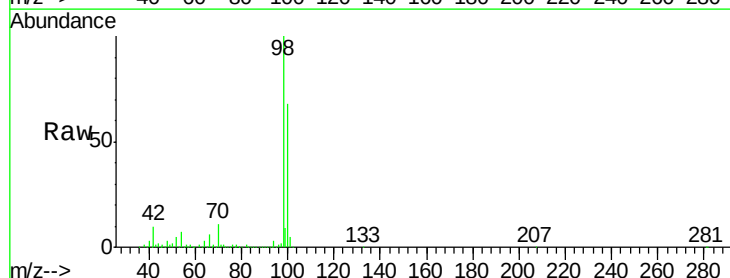
Manual Integrations
APPROVED

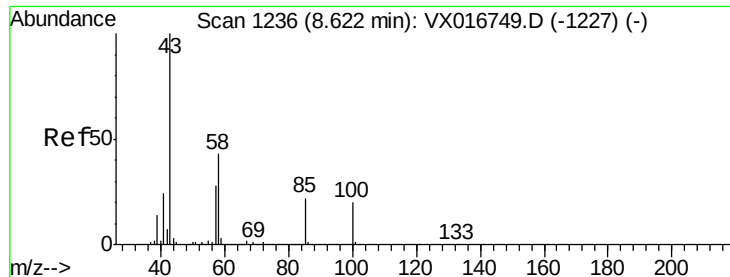
MMDadoda
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#50
Toluene-d8
Concen: 40.003 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	98	Resp	499838
Ion Ratio	Lower	Upper	
98	100		
100	66.6	53.9	80.9





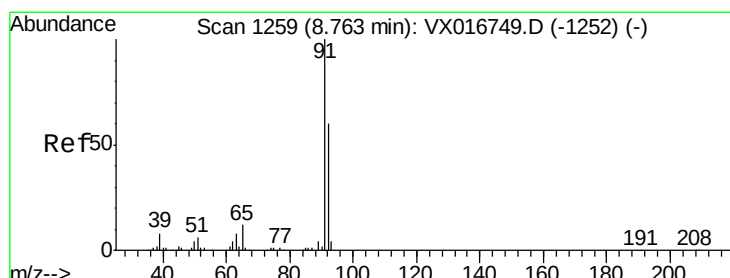
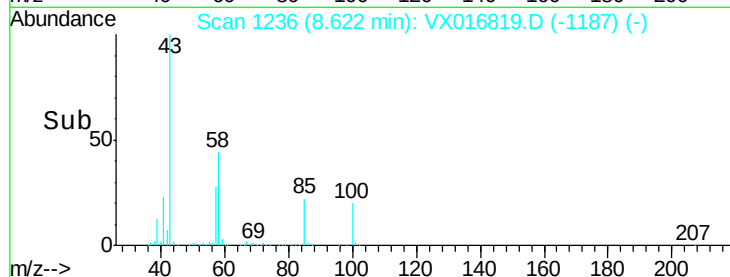
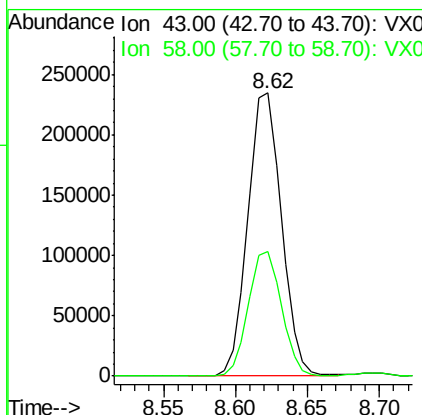
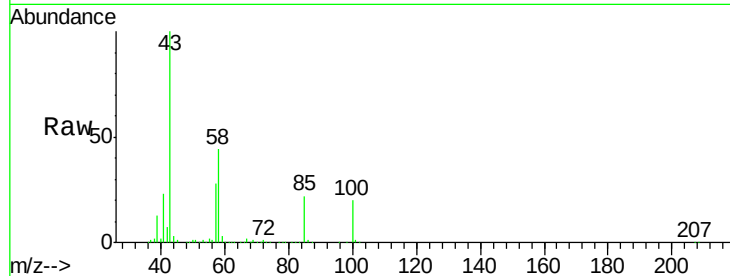
#51
4-Methyl-2-Pentanone
Concen: 73.841 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion: 43 Resp: 379060
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0

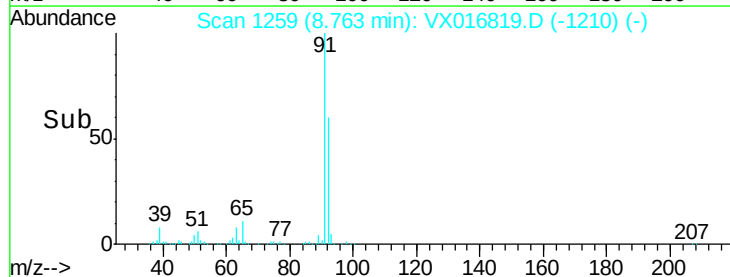
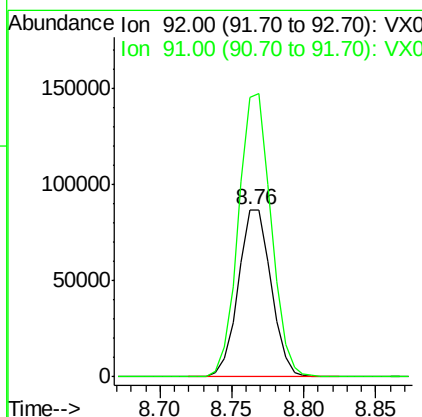
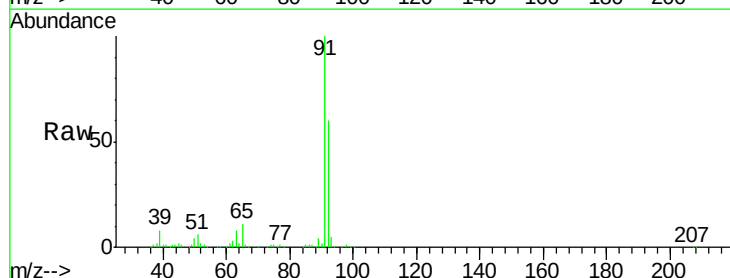
Manual Integrations
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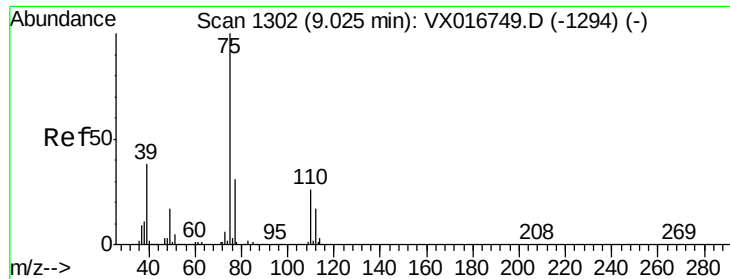
MMDadoda
6/18/2020 11:16:01 AM



#52
Toluene
Concen: 14.442 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 92 Resp: 138632
Ion Ratio Lower Upper
92 100
91 167.9 136.1 204.1





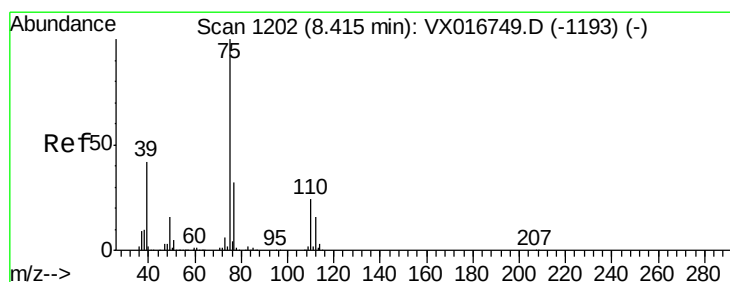
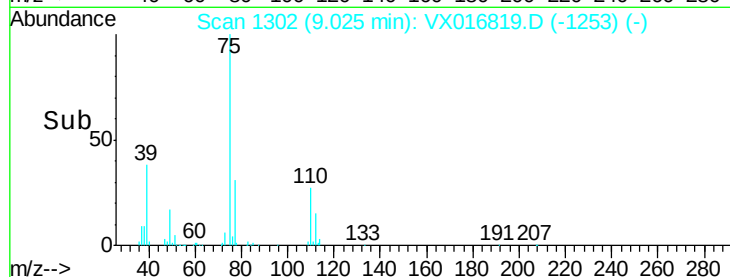
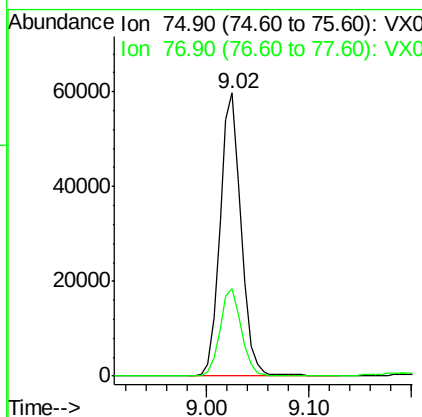
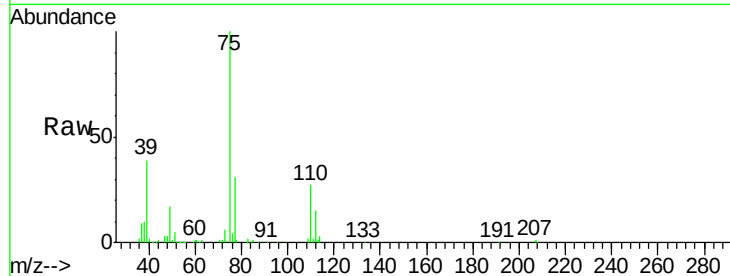
#53
t-1,3-Dichloropropene
Concen: 13.833 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion: 75 Resp: 86006
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1

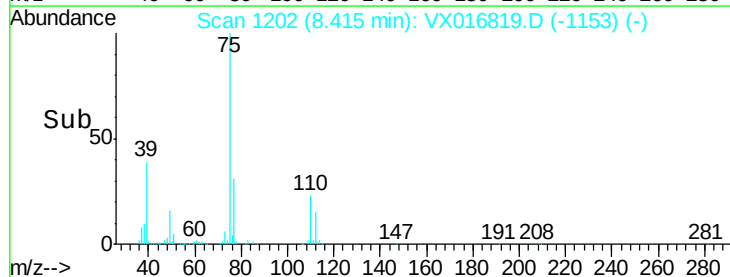
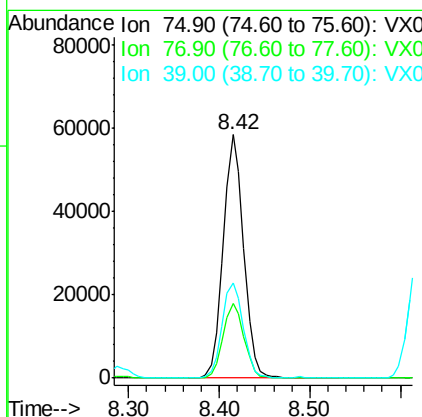
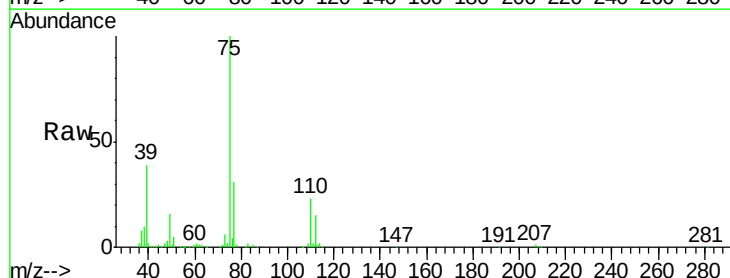
Manual Integrations
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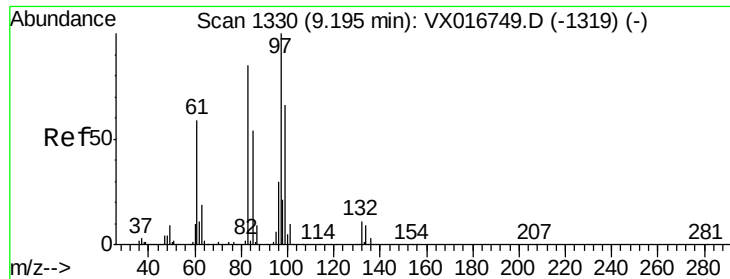
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 14.112 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 75 Resp: 91522
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 39.1 33.7 50.5





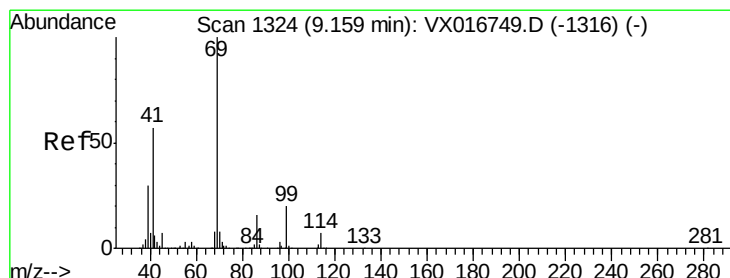
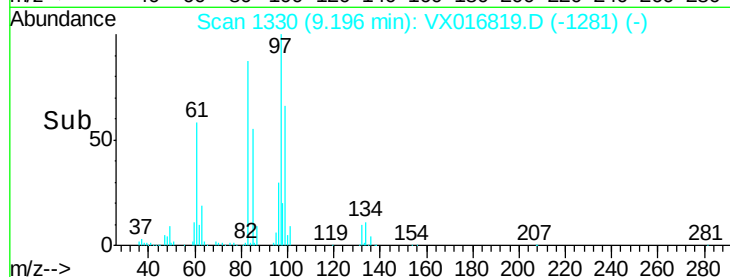
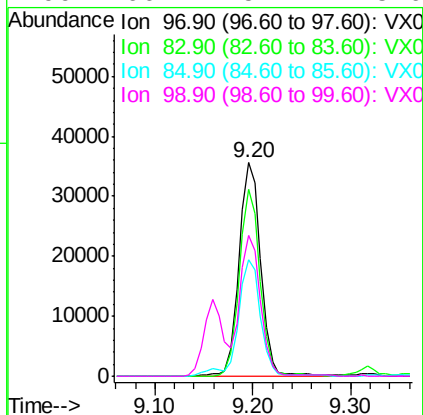
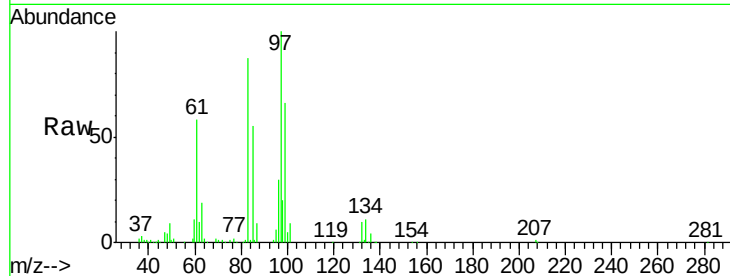
#55
 1,1,2-Trichloroethane
 Concen: 14.223 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion:	97	Resp:	54908
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.3	102.5
85	54.6	43.5	65.3
99	66.2	52.4	78.6

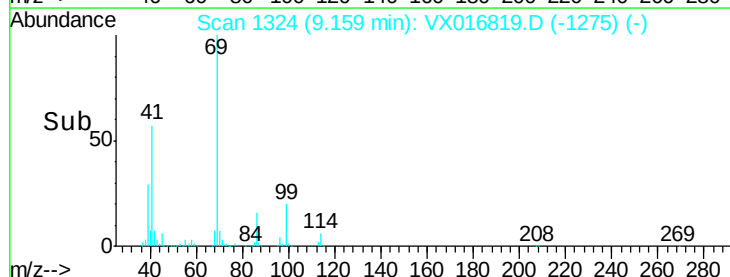
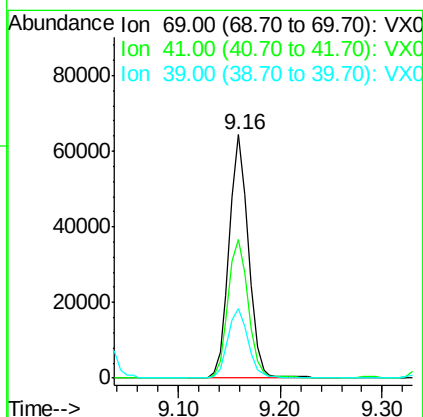
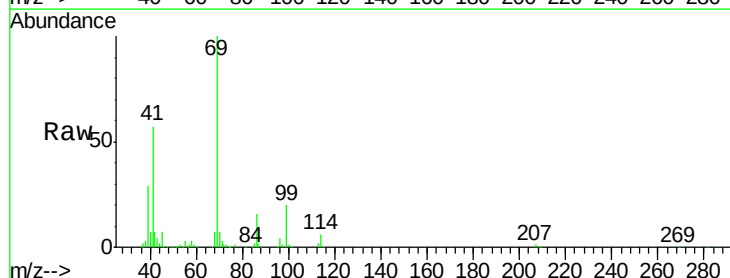
Manual Integrations
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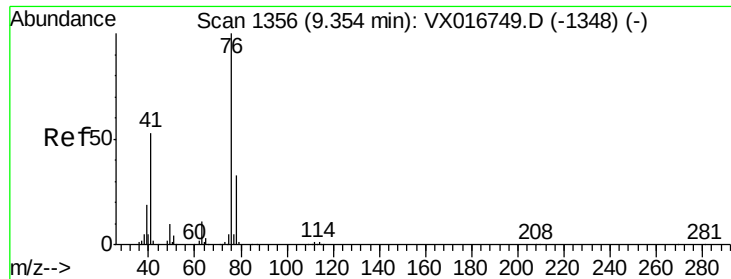
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 6/18/2020 11:16:01 AM



#56
 Ethyl methacrylate
 Concen: 14.569 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion:	69	Resp:	84206
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.1	70.7
39	29.5	25.0	37.6





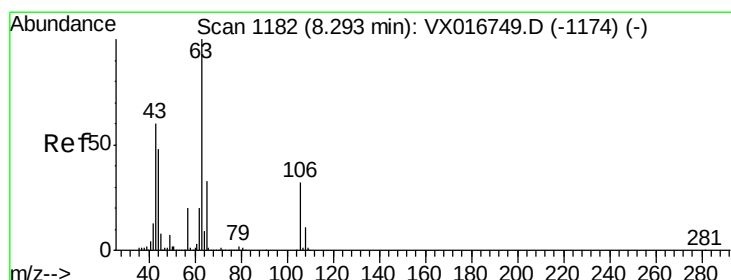
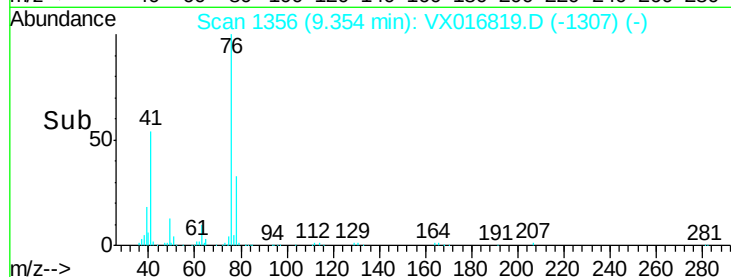
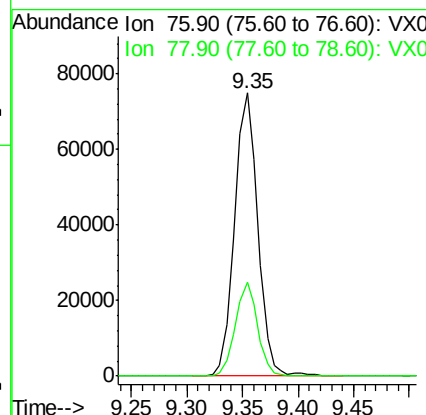
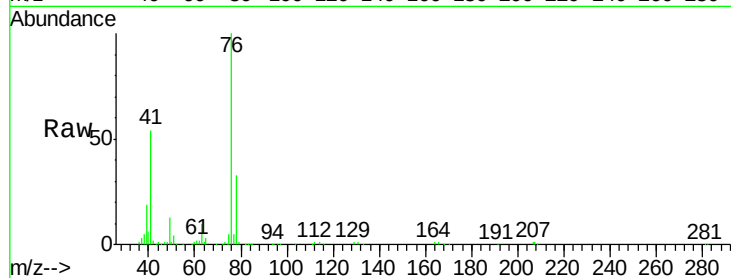
#57
 1,3-Dichloropropane
 Concen: 16.748 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.7	38.5

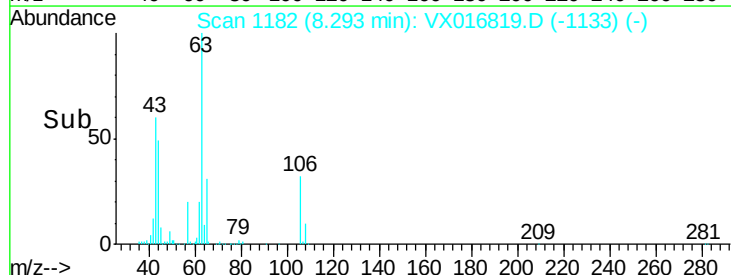
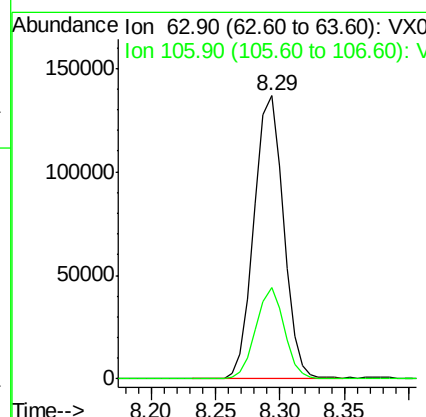
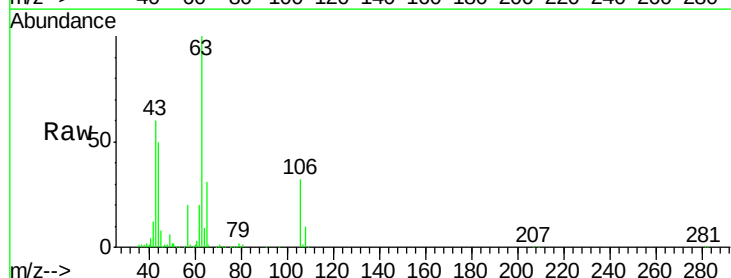
Manual Integrations
 APPROVED

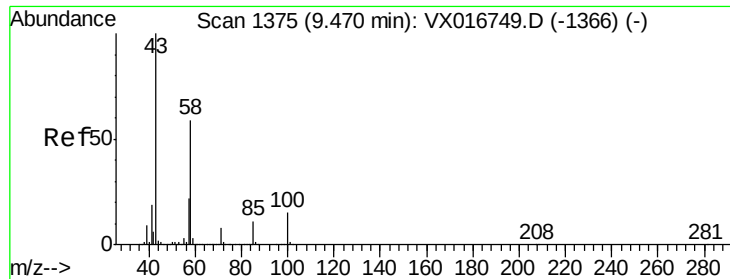
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 6/18/2020 11:16:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.176 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.5	38.3





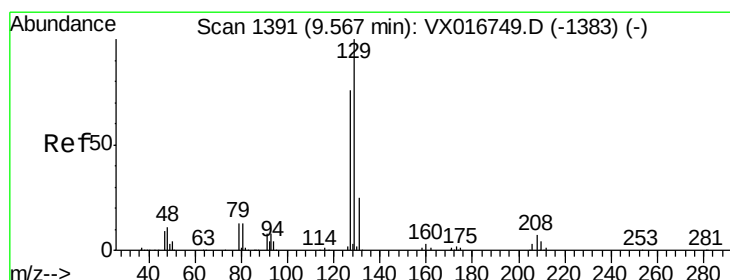
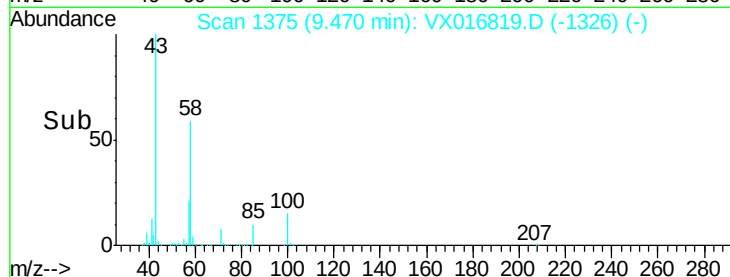
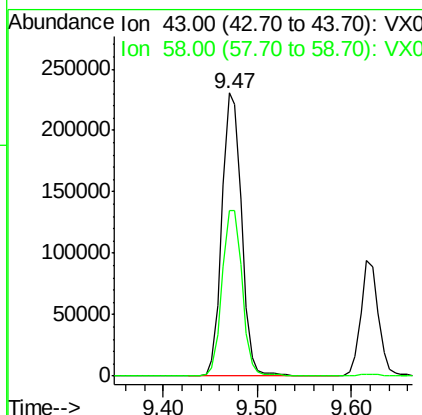
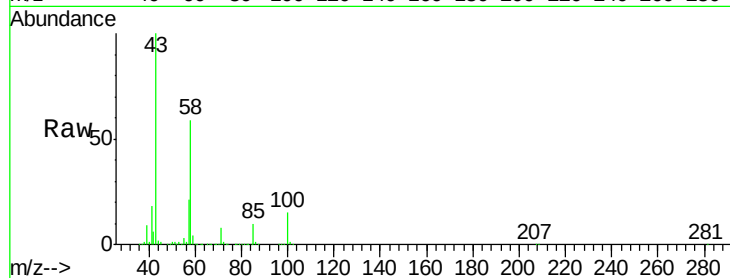
#59
2-Hexanone
Concen: 84.205 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.1	29.9	89.8

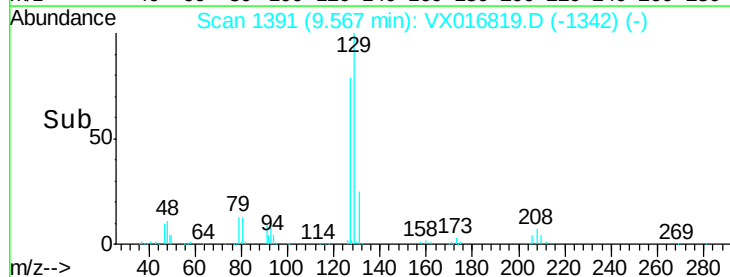
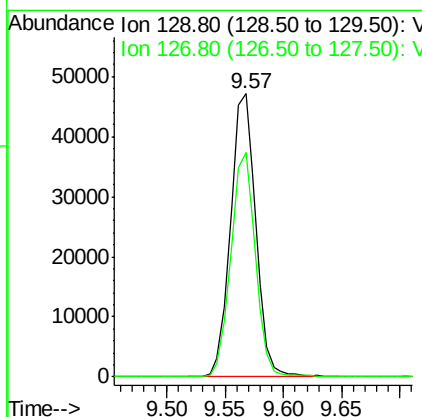
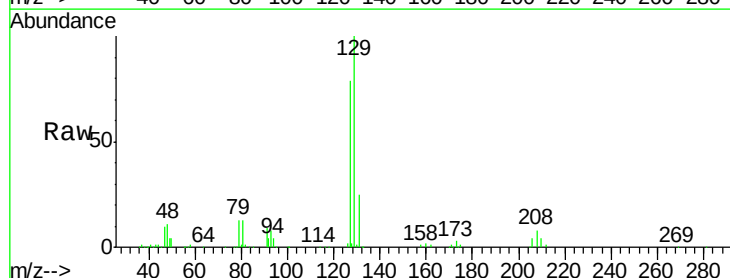
Manual Integrations
APPROVED

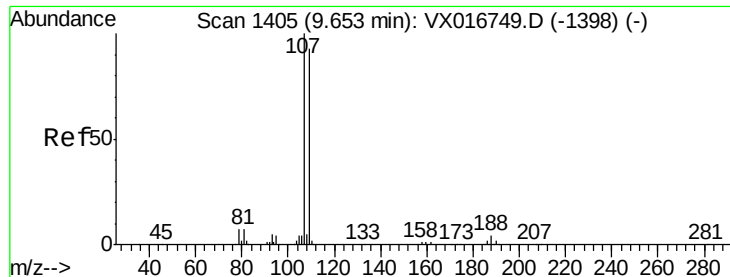
MMDadoda
6/18/2020 11:16:01 AM



#60
Dibromochloromethane
Concen: 15.618 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.7	116.1





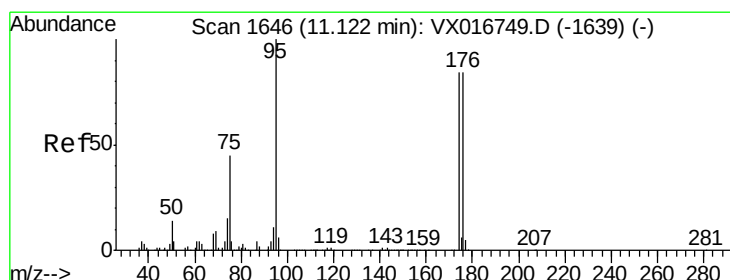
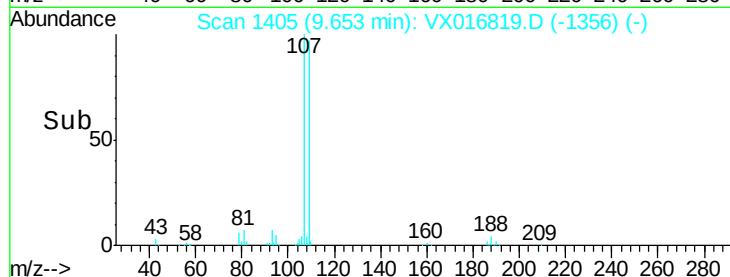
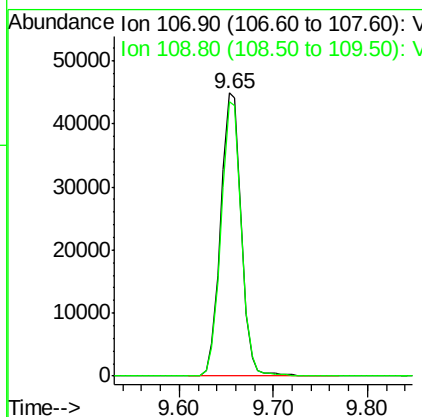
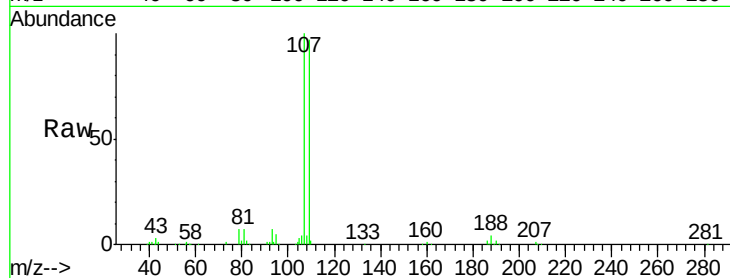
#61
 1,2-Dibromoethane
 Concen: 16.093 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	74.2	111.4

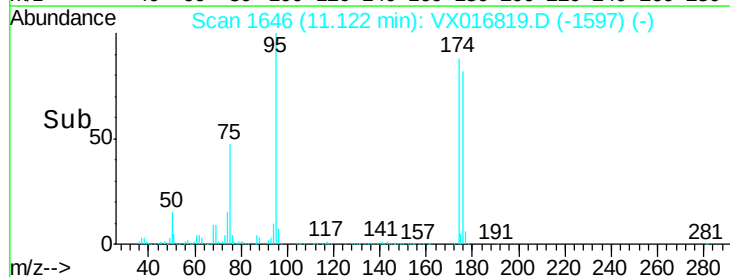
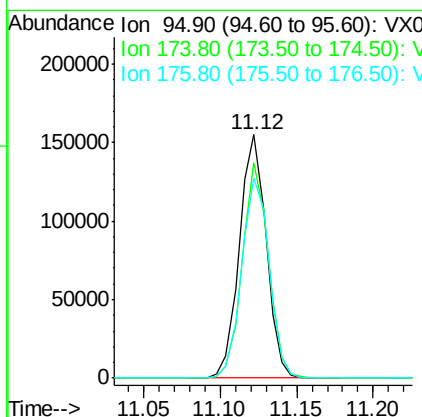
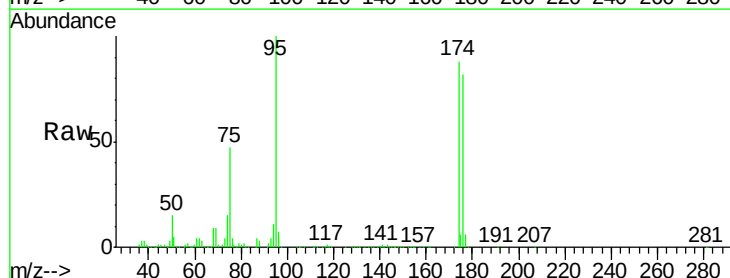
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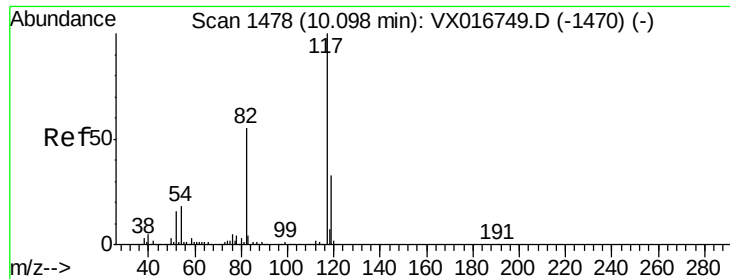
MMDadoda
 6/18/2020 11:16:01 AM



#62
 4-Bromofluorobenzene
 Concen: 39.335 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	171.0
176	84.5	0.0	166.2





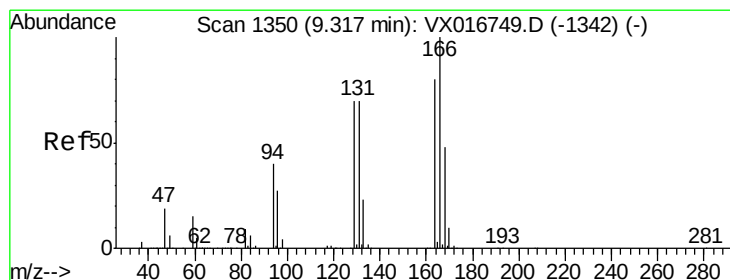
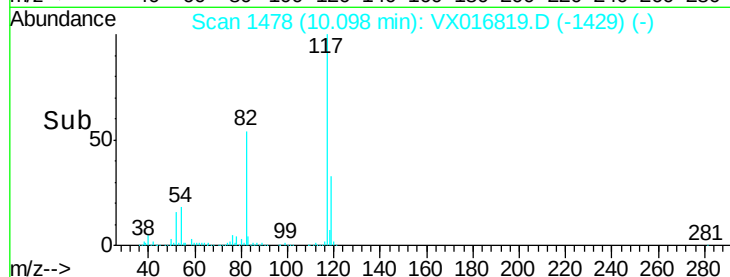
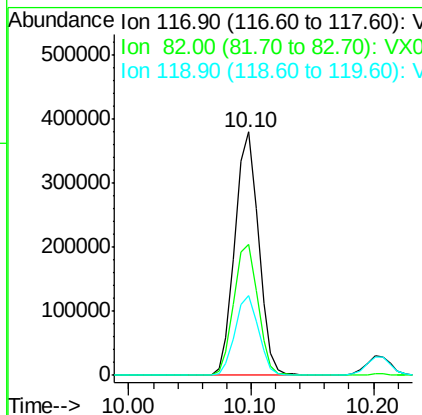
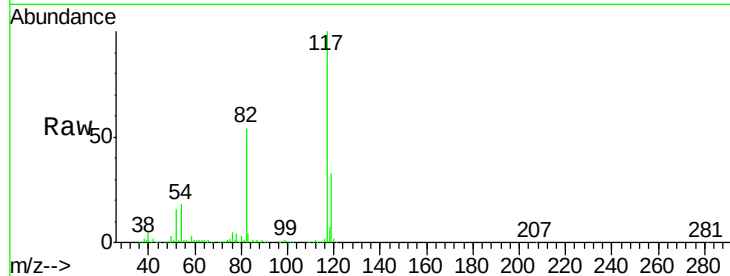
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	506527		
82	53.8		43.8	65.6
119	32.9		26.2	39.4

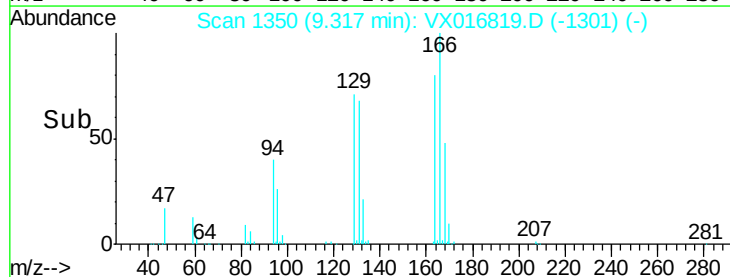
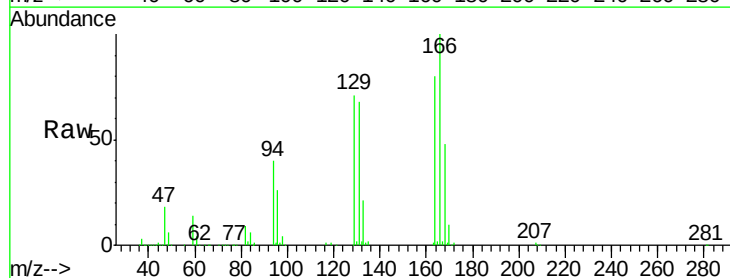
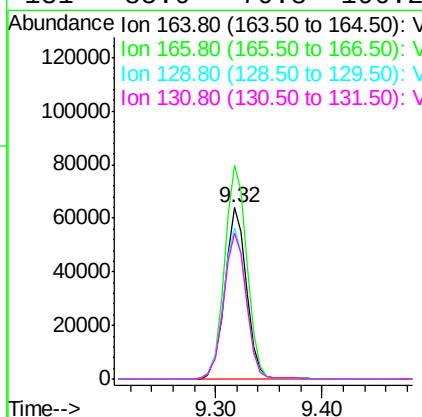
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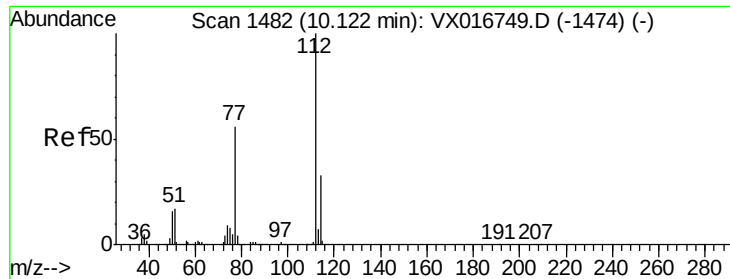
MMDadoda
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#64
Tetrachloroethene
Concen: 18.802 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	91451		
166	124.8		100.6	150.8
129	88.1		70.1	105.1
131	85.0		70.8	106.2





#65

Chlorobenzene

Concen: 16.509 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS02

Tot Ion:112 Resp: 169678

Ion Ratio Lower Upper

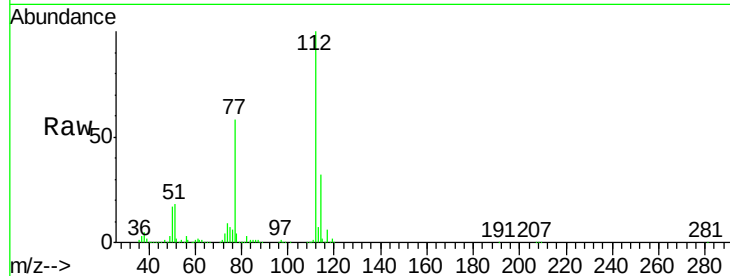
112 100

114 32.4 26.2 39.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

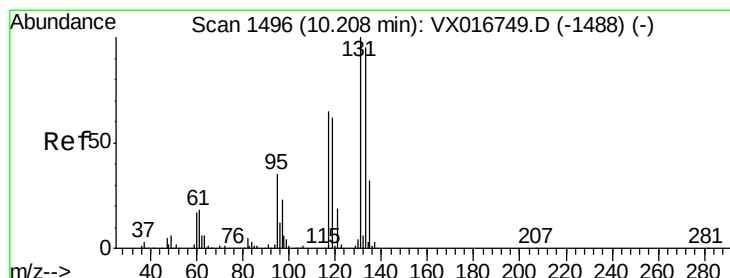
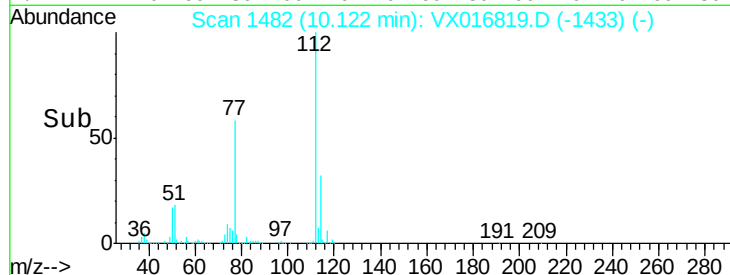
10.12

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 15.741 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

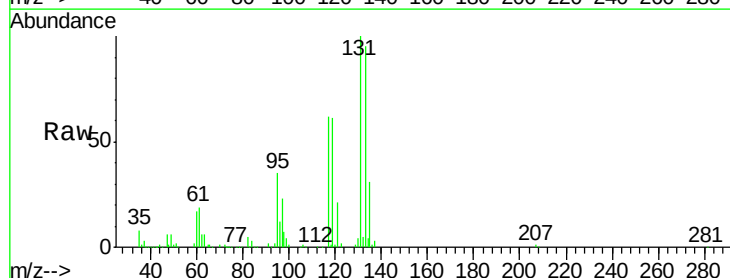
Tgt Ion:131 Resp: 64540

Ion Ratio Lower Upper

131 100

133 95.8 46.8 140.3

119 63.0 31.4 94.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

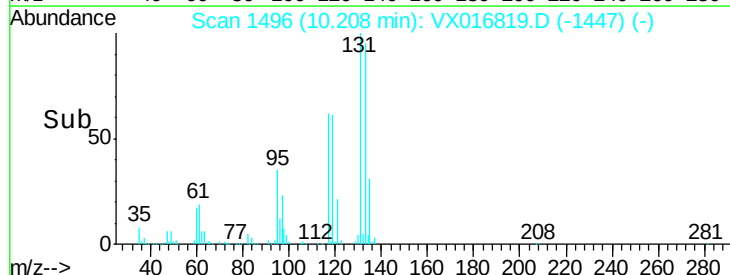
30000

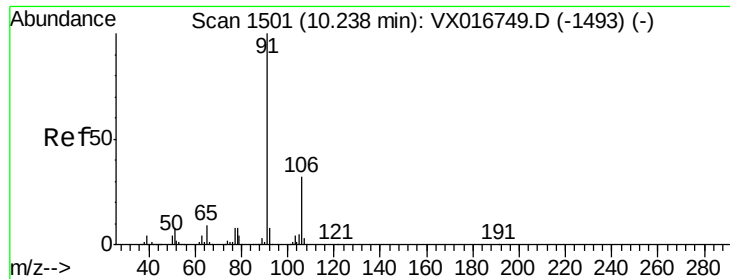
20000

10000

0

Time-->





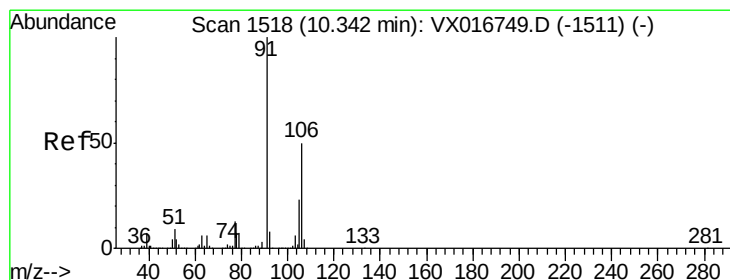
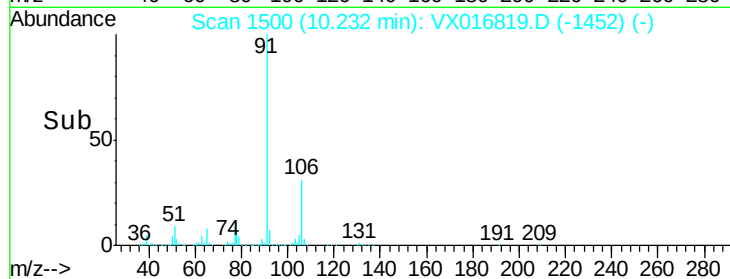
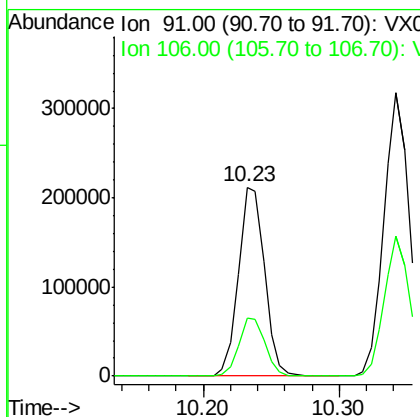
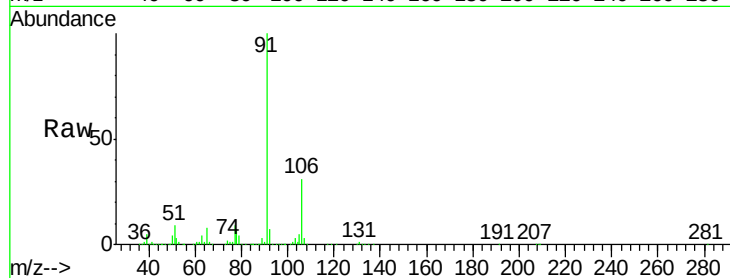
#67
Ethyl Benzene
Concen: 16.269 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion: 91 Resp: 282675
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

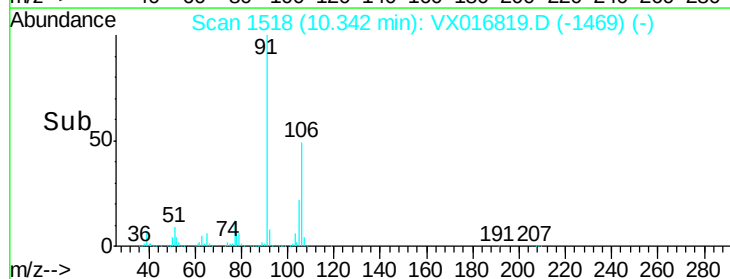
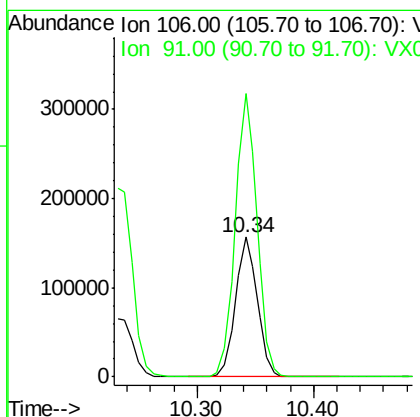
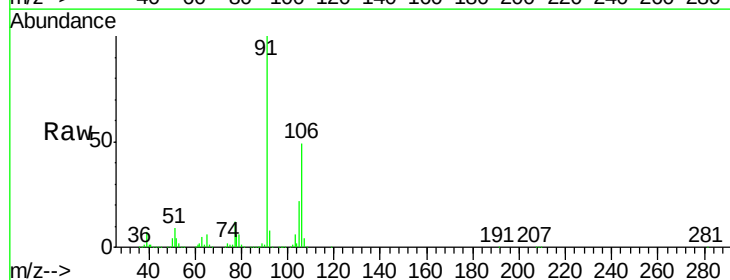
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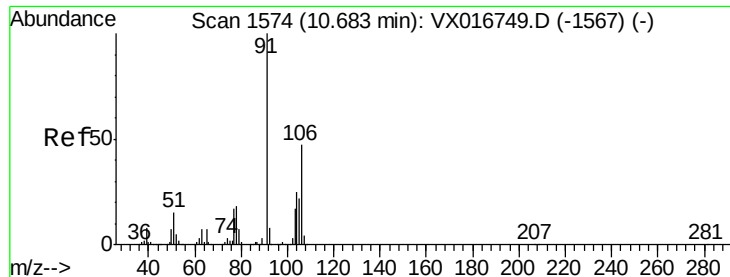
MMDadoda
6/18/2020 11:16:01 AM



#68
m/p-Xylenes
Concen: 31.118 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion: 106 Resp: 205002
Ion Ratio Lower Upper
106 100
91 202.8 161.2 241.8





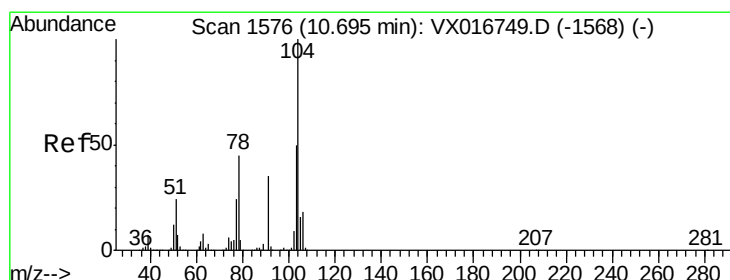
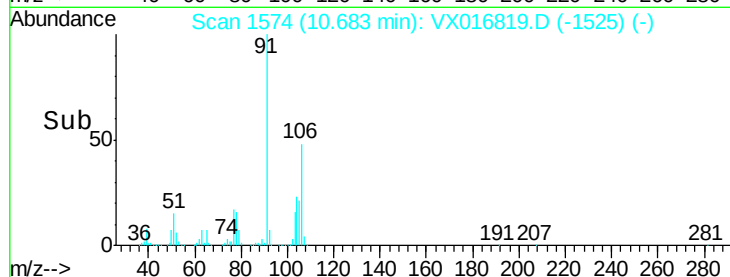
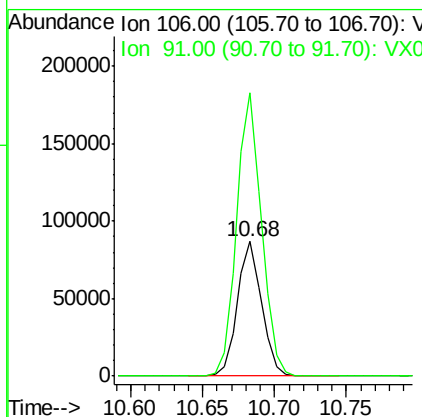
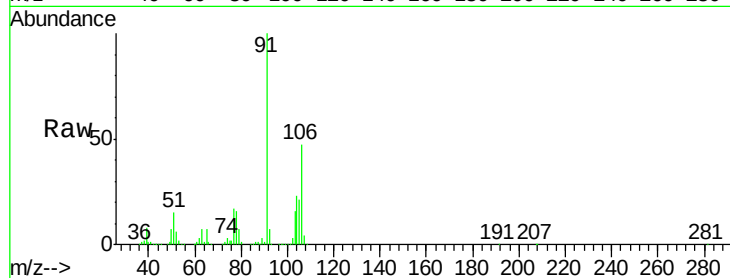
#69
o-Xylene
Concen: 16.126 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampled :
VX0617WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	102345		
91	91	215.2	106.9	320.8	

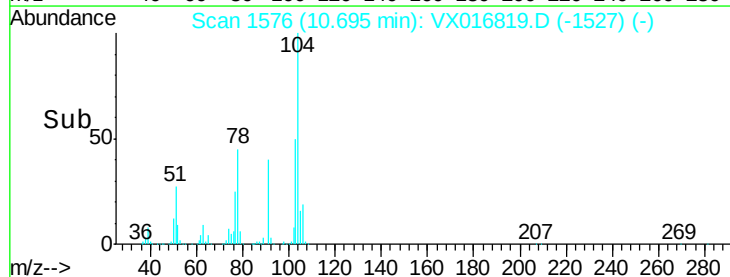
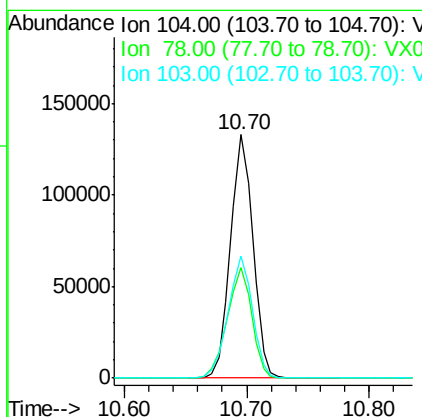
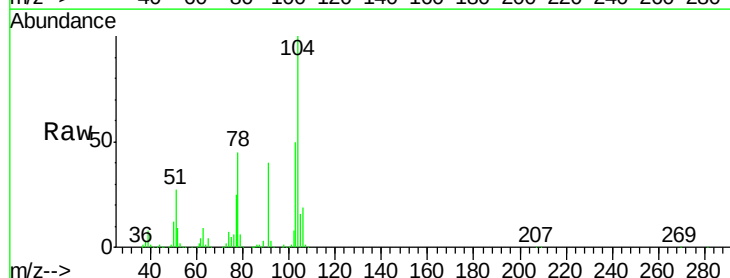
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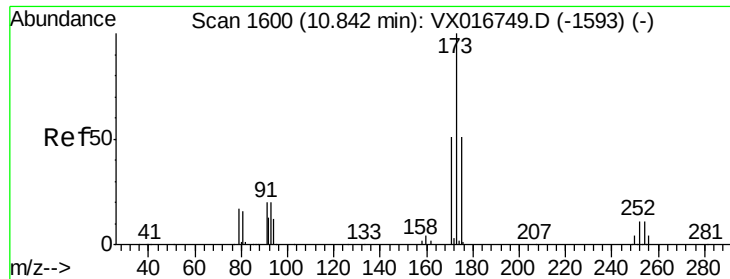
MMDadoda
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#70
Styrene
Concen: 15.412 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	169091		
78	78	49.6	39.8	59.8	
103	103	54.2	43.4	65.2	





#71

Bromoform

Concen: 13.978 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

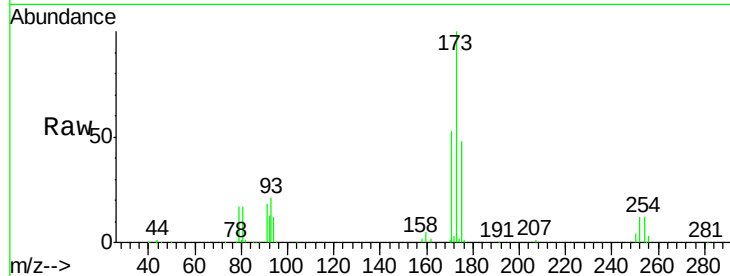
ClientSampleId :

VX0617WBS02

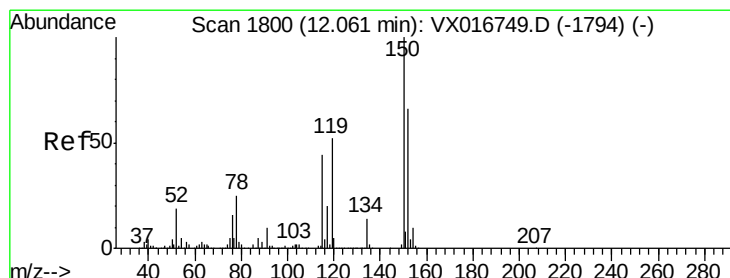
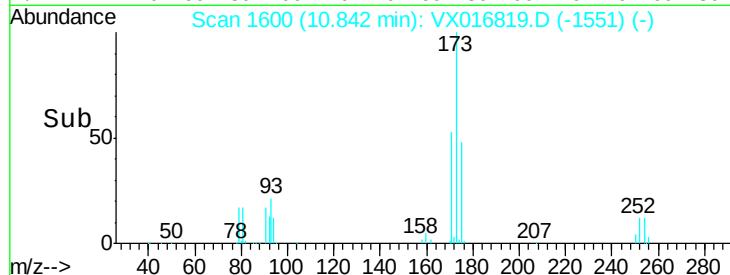
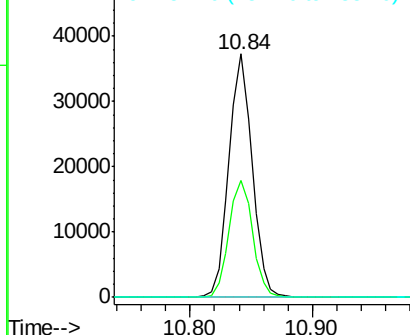
Tot Ion:	173	Resp:	48901
Ion Ratio	Lower	Upper	
173	100		
175	49.0	25.1	75.4
254	0.1	0.1	0.1

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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

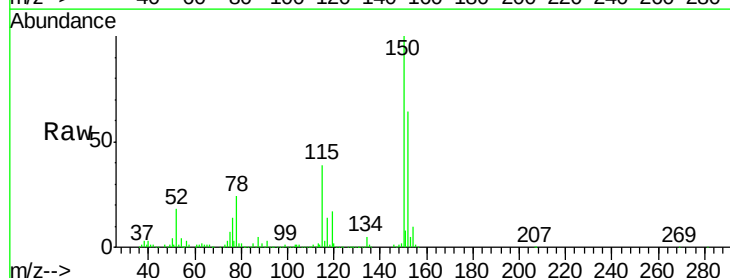
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

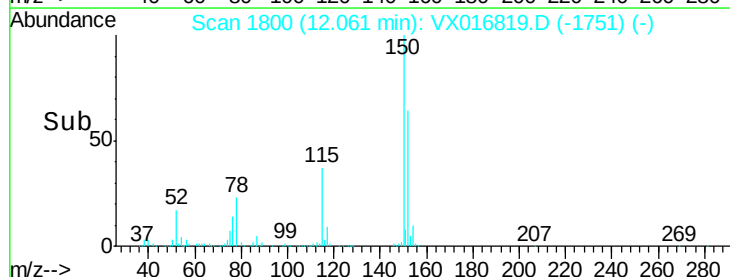
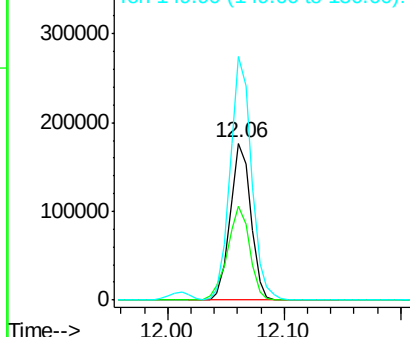
Lab File: VX016819.D

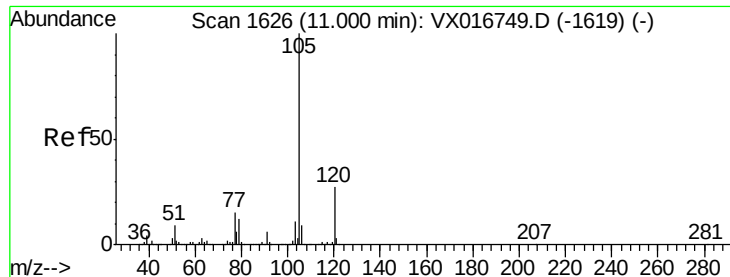
Acq: 17 Jun 2020 16:14

Tgt Ion:	152	Resp:	218011
Ion Ratio	Lower	Upper	
152	100		
115	64.2	40.3	120.8
150	161.0	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: 17.305 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion:105 Resp: 247553

Ion Ratio Lower Upper

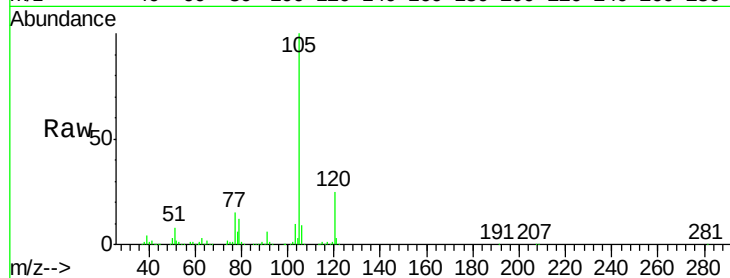
105 100

120 25.9 13.2 39.5

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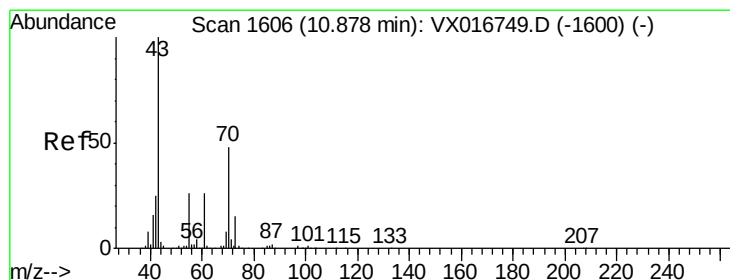
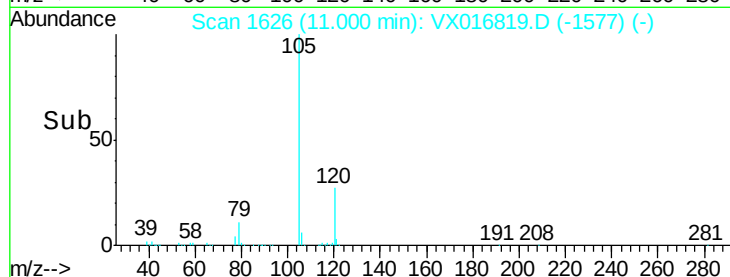
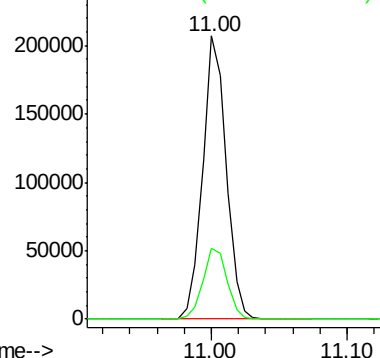
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.307 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion: 43 Resp: 96226

Ion Ratio Lower Upper

43 100

70 49.1 39.8 59.6

55 26.2 21.7 32.5

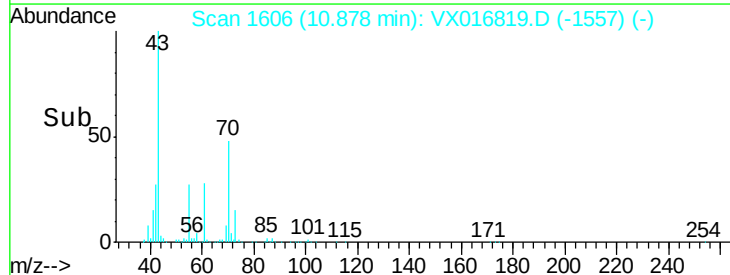
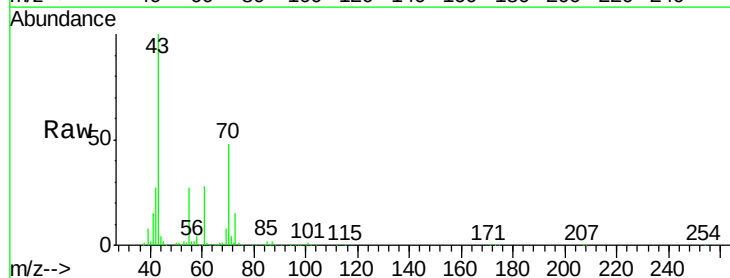
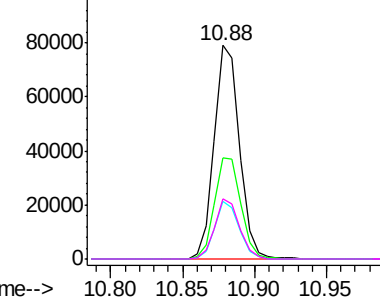
61 27.6 21.6 32.4

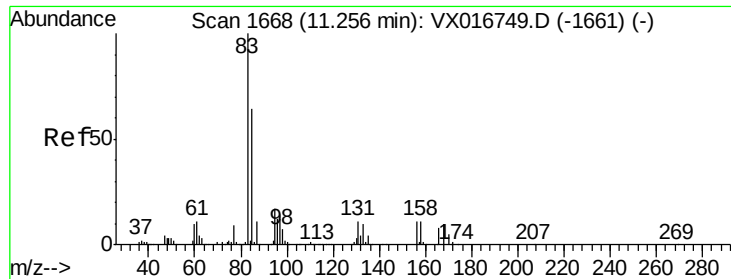
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 14.903 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

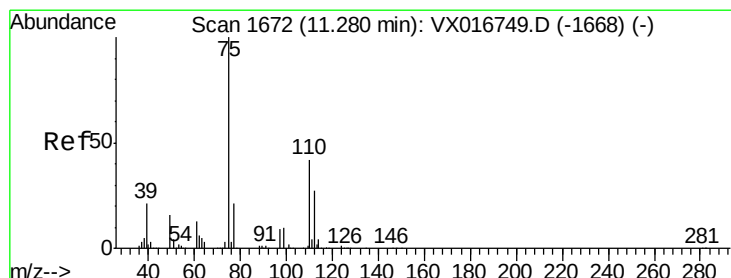
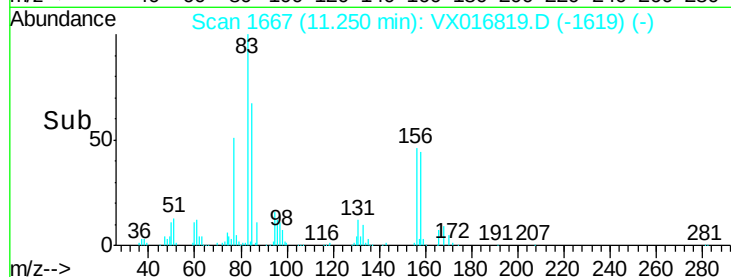
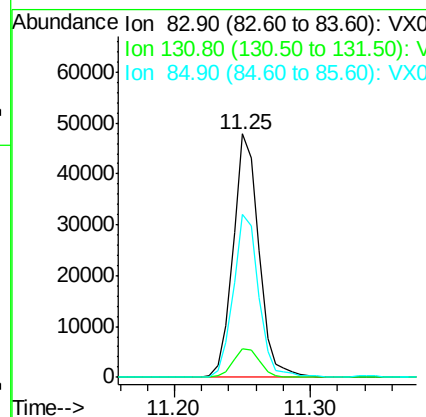
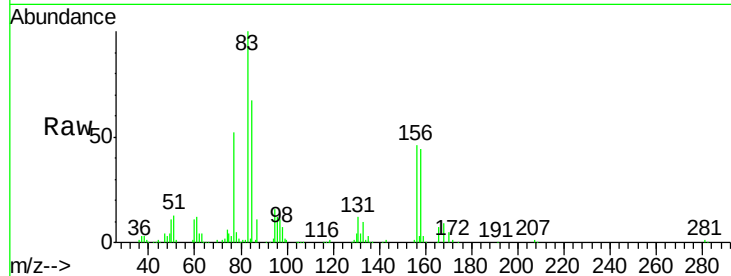
ClientSampleId :

VX0617WBS02

Tot Ion:	83	Resp:	62710
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.7	17.0
85	66.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 16.959 ug/l m

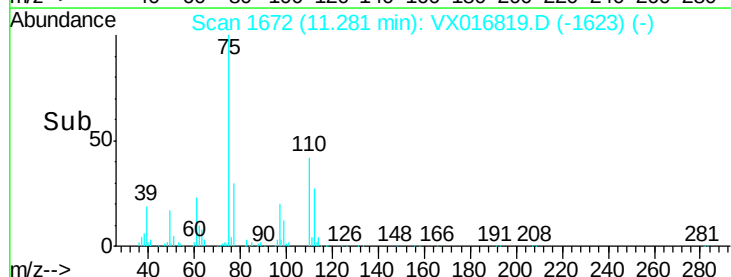
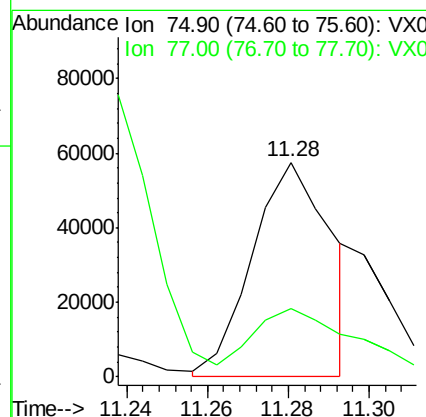
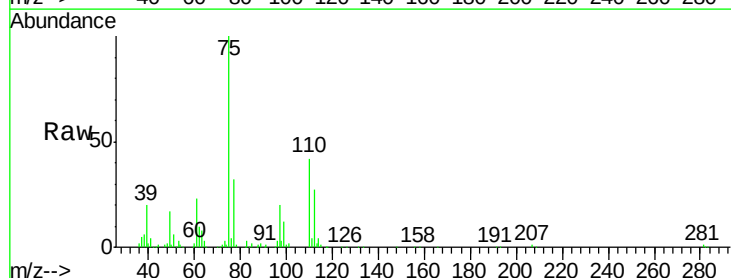
RT: 11.28 min Scan# 1672

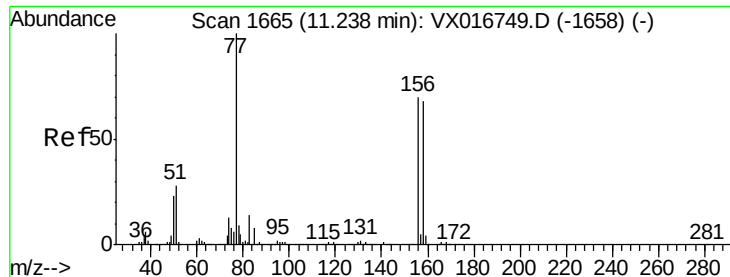
Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Tgt Ion:	75	Resp:	77750
Ion	Ratio	Lower	Upper
75	100		
77	42.2	20.3	60.9





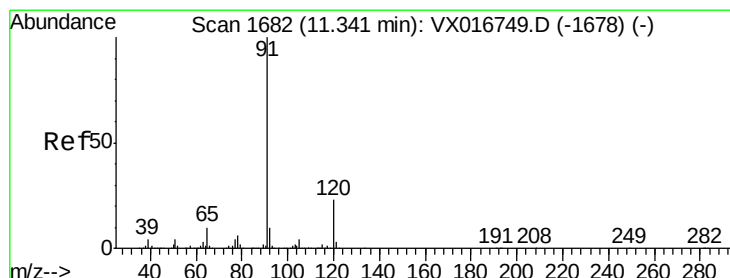
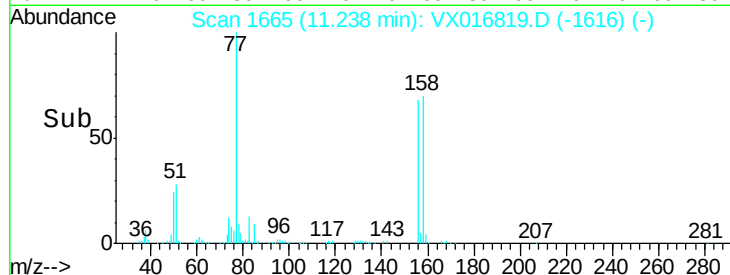
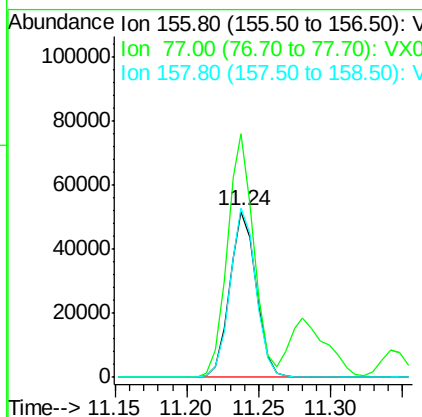
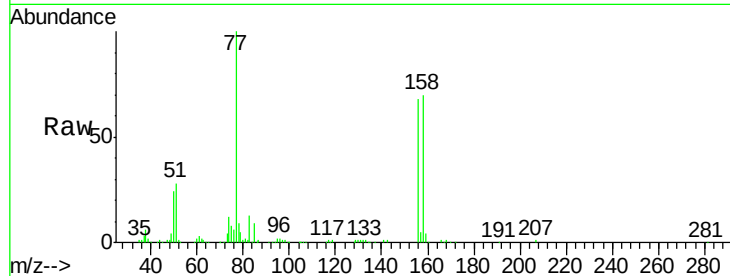
#77
Bromobenzene
Concen: 16.503 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.3	73.2	219.6
158	99.8	48.8	146.4

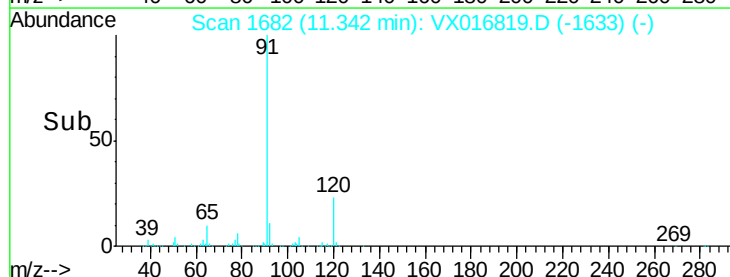
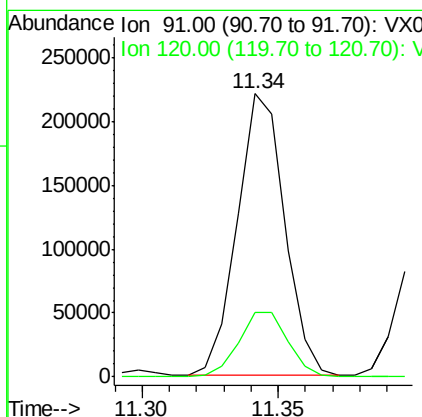
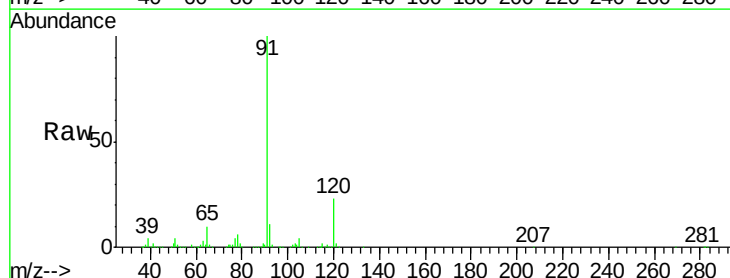
Manual Integrations
APPROVED

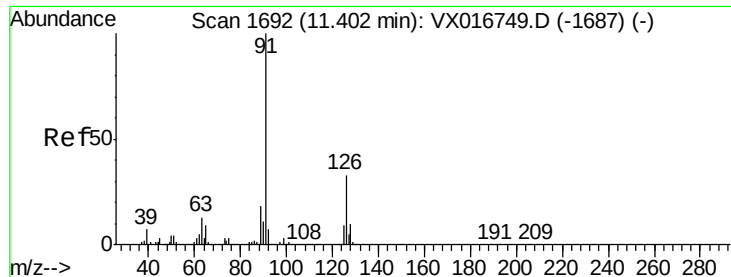
MMDadoda
6/18/2020 11:16:01 AM



#78
n-propylbenzene
Concen: 17.156 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 16.924 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS02

Tot Ion: 91 Resp: 166252

Ion Ratio Lower Upper

91 100

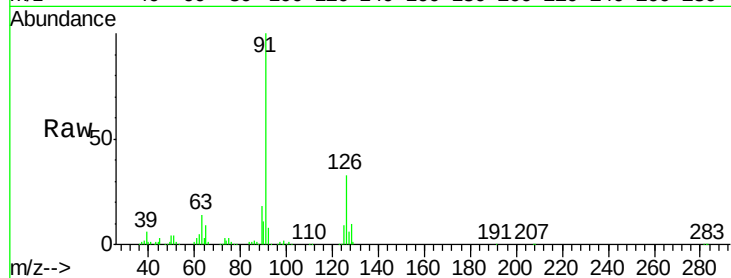
126 34.2 17.2 51.5

Manual Integrations

APPROVED

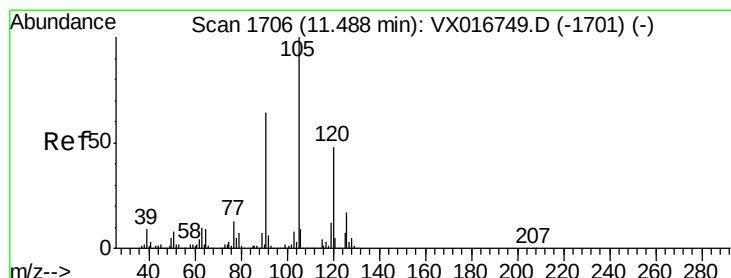
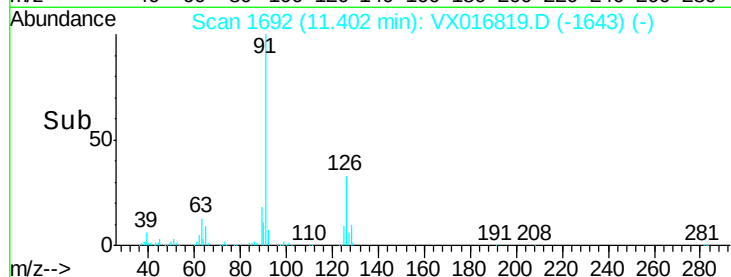
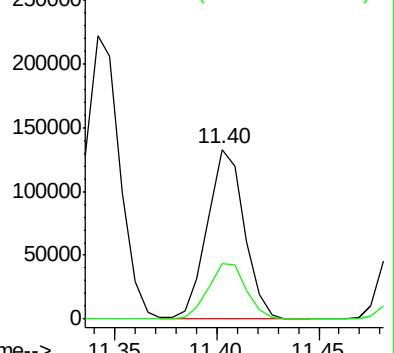
MMDadoda

6/18/2020 11:16:01 AM



Abundance Ion 91.00 (90.70 to 91.70): VX

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.177 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016819.D

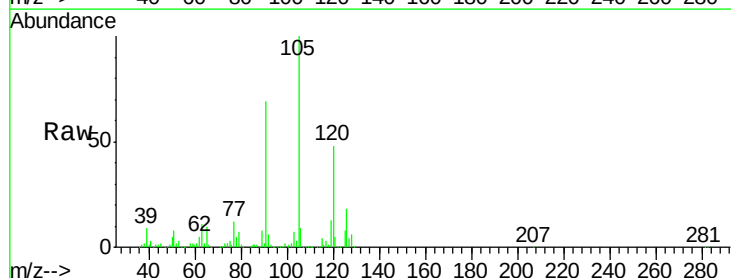
Acq: 17 Jun 2020 16:14

Tgt Ion: 105 Resp: 205986

Ion Ratio Lower Upper

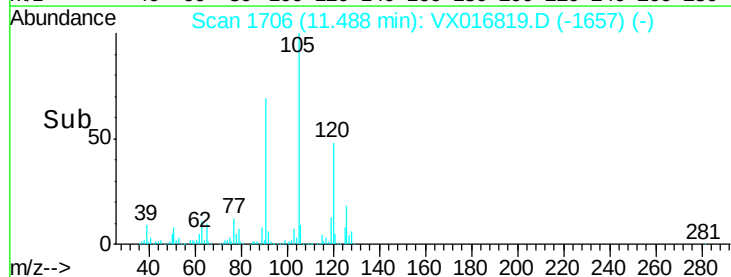
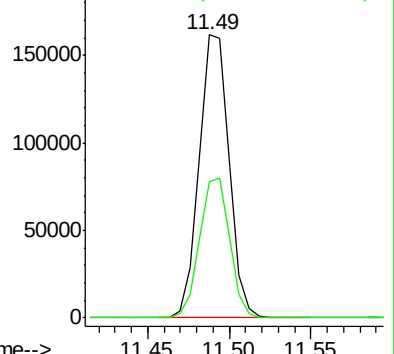
105 100

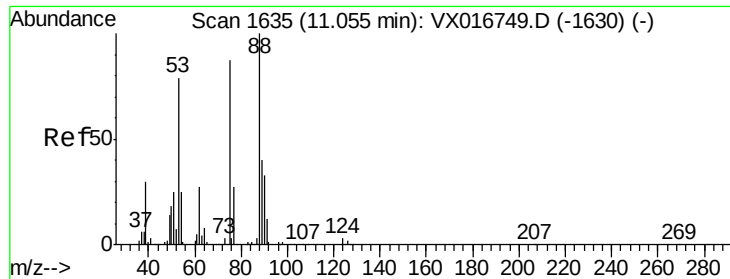
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





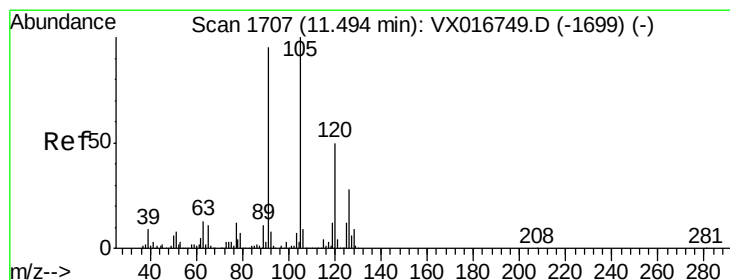
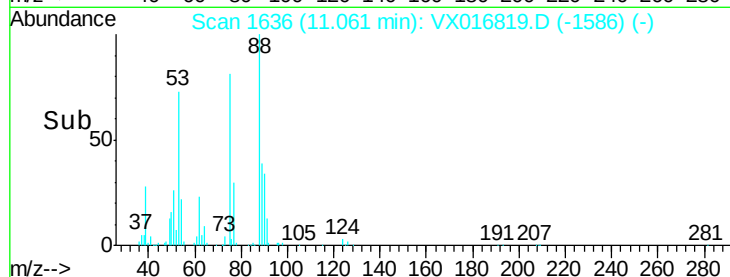
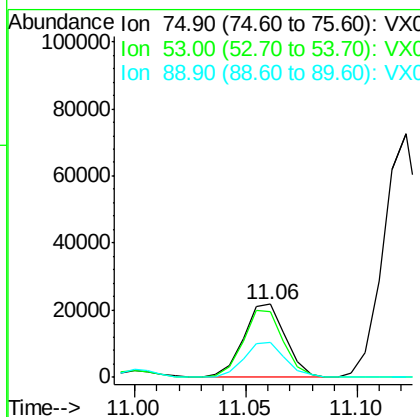
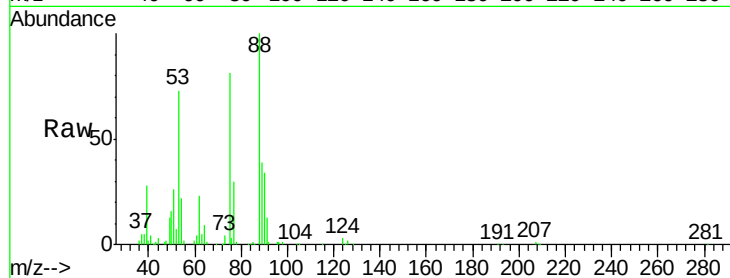
#81
trans-1,4-Dichloro-2-butene
Concen: 15.692 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	71.4	107.0
89	48.2	39.1	58.7

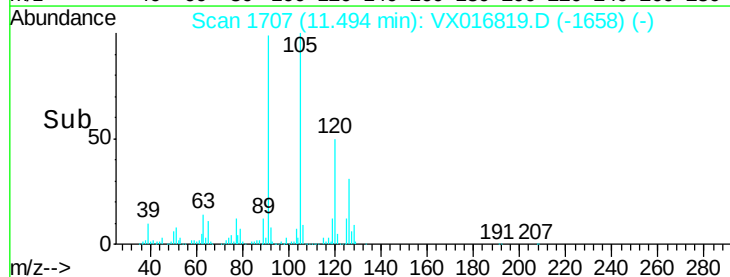
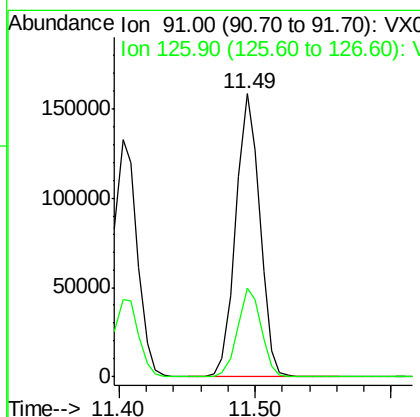
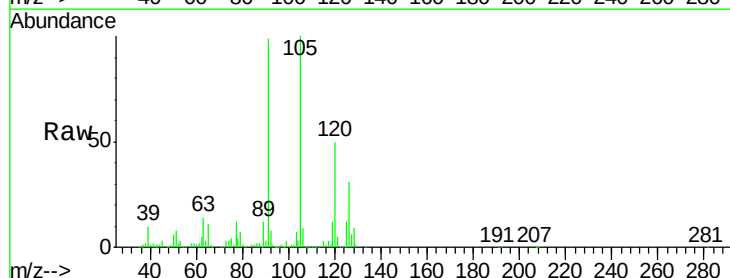
Manual Integrations
APPROVED

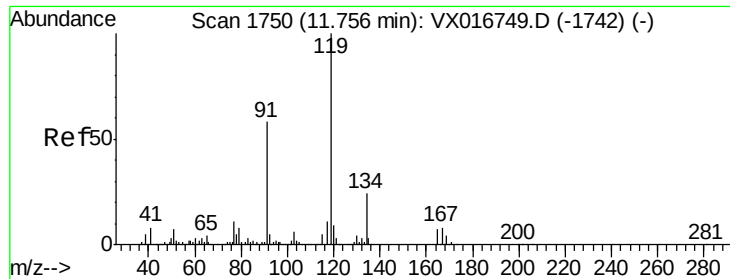
MMDadoda
6/18/2020 11:16:01 AM



#82
4-Chlorotoluene
Concen: 16.885 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.2	45.6





#83

tert-Butylbenzene

Concen: 16.612 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016819.D

Acq: 17 Jun 2020 16:14

Instrument :

MSVOA_X

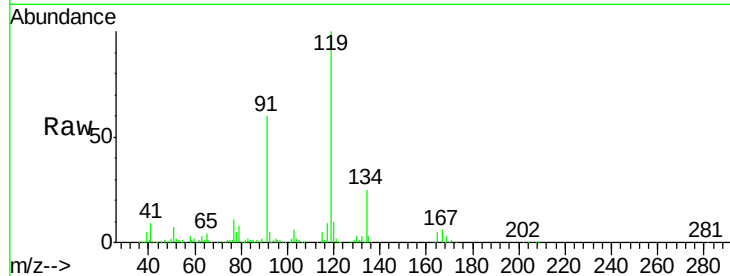
ClientSampleId :

VX0617WBS02

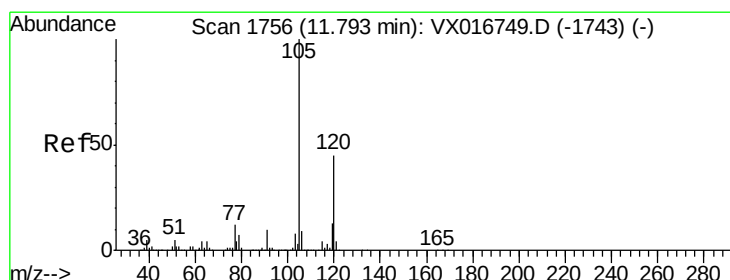
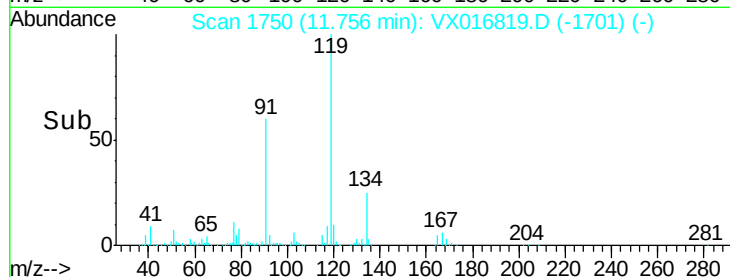
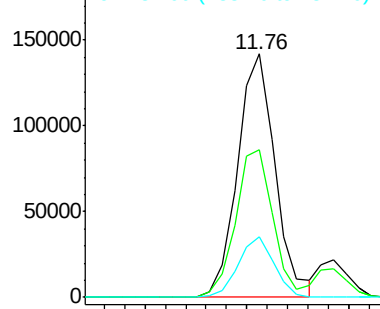
Tot Ion:	119	Resp:	182277
Ion Ratio	Lower	Upper	
119	100		
91	59.9	29.3	88.0
134	23.6	11.8	35.3

Manual Integrations
APPROVED

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Abundance Ion 119.00 (118.70 to 119.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.324 ug/l

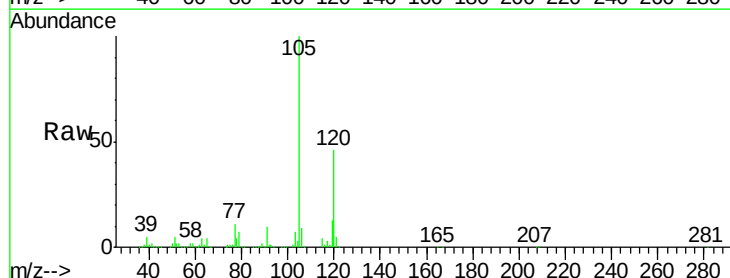
RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

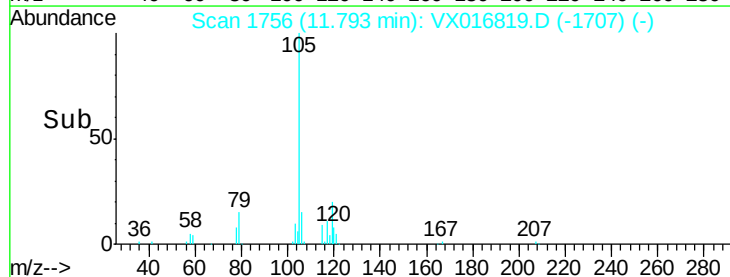
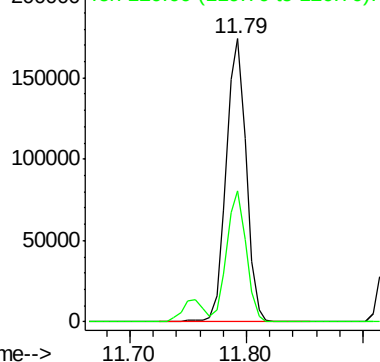
Lab File: VX016819.D

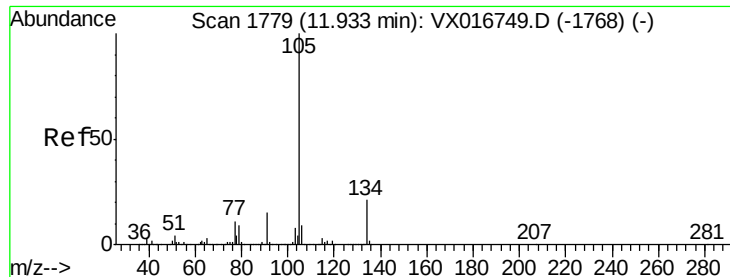
Acq: 17 Jun 2020 16:14

Tgt Ion:	105	Resp:	210154
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V





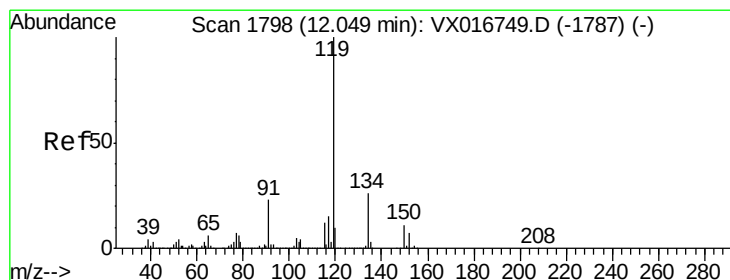
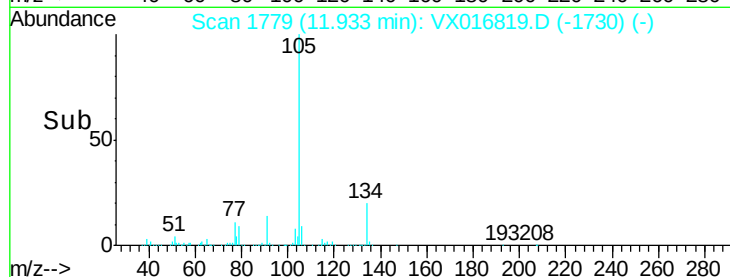
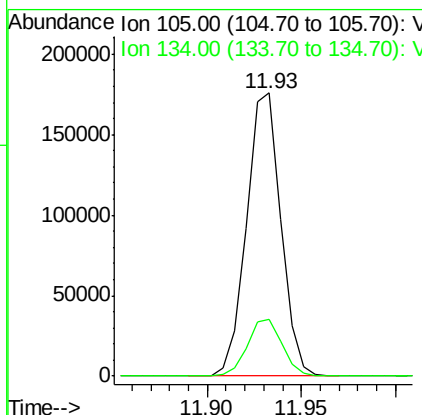
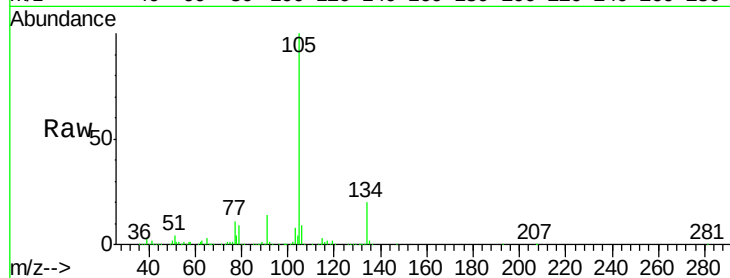
#85
 sec-Butylbenzene
 Concen: 17.296 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.3	30.8

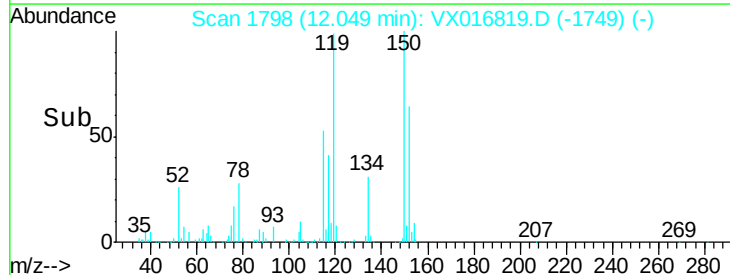
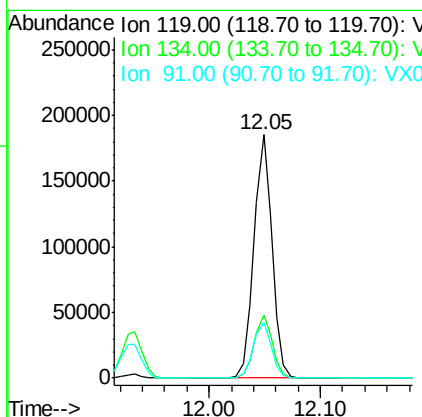
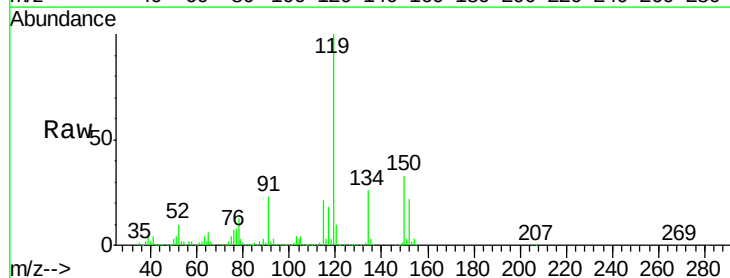
Manual Integrations
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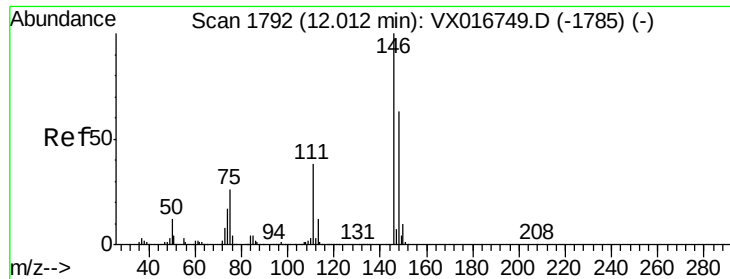
MMDadoda
 6/18/2020 11:16:01 AM



#86
 p-Isopropyltoluene
 Concen: 17.024 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	38.9
91	22.9	11.6	34.7





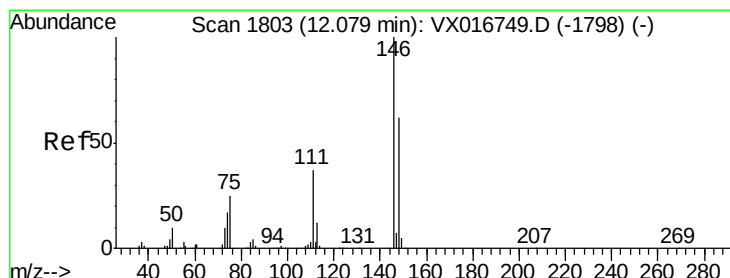
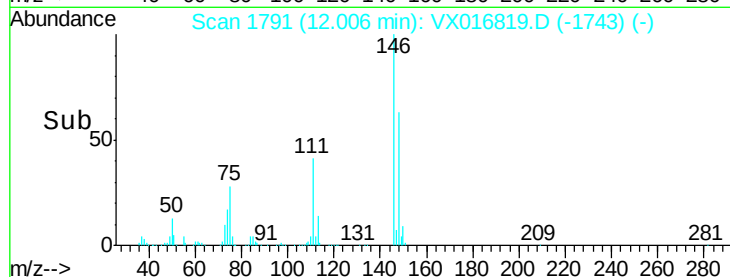
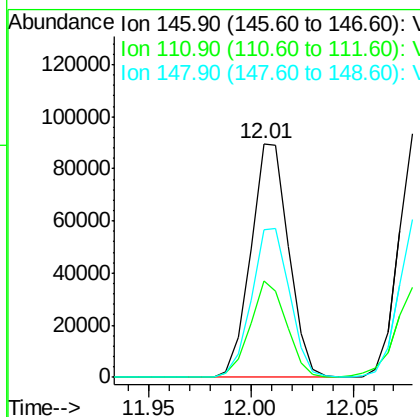
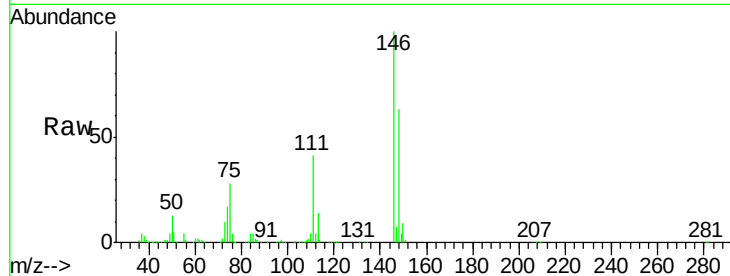
#87
 1,3-Dichlorobenzene
 Concen: 16.940 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	64.2	31.9	95.7

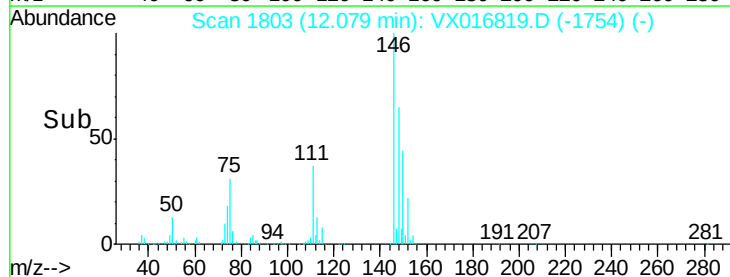
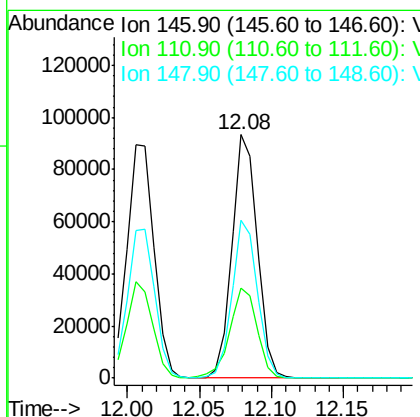
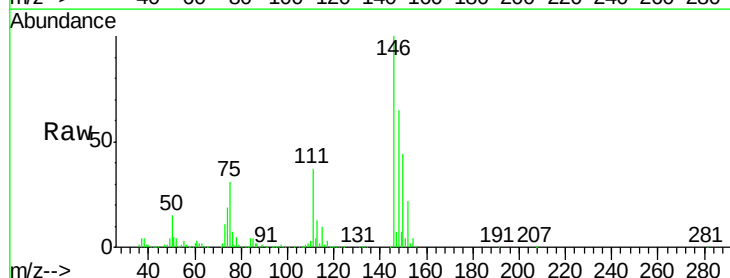
Manual Integrations
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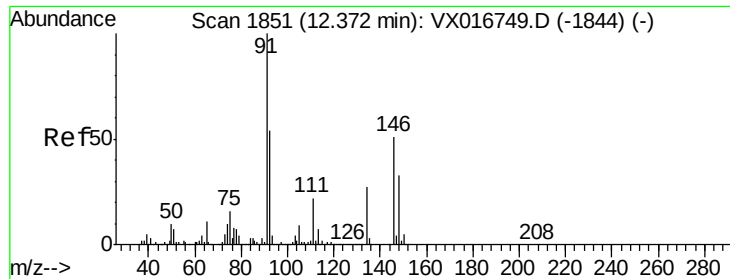
MMDadoda
 6/18/2020 11:16:01 AM



#88
 1,4-Dichlorobenzene
 Concen: 16.303 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	65.2	32.1	96.5





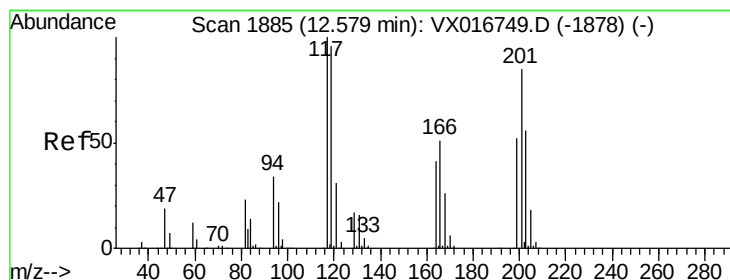
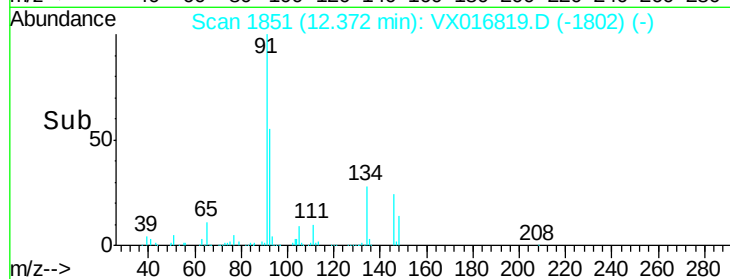
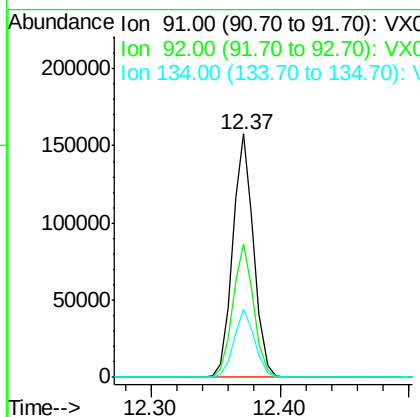
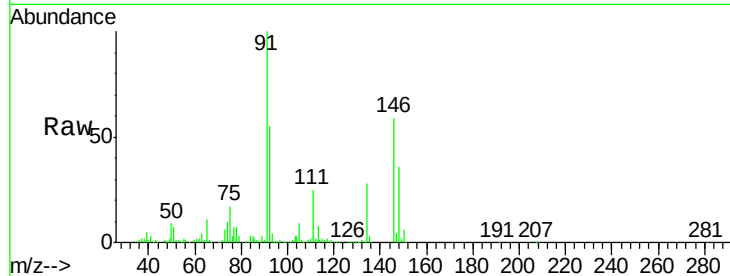
#89
n-Butylbenzene
Concen: 17.506 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.0	80.8
134	27.6	13.7	41.0

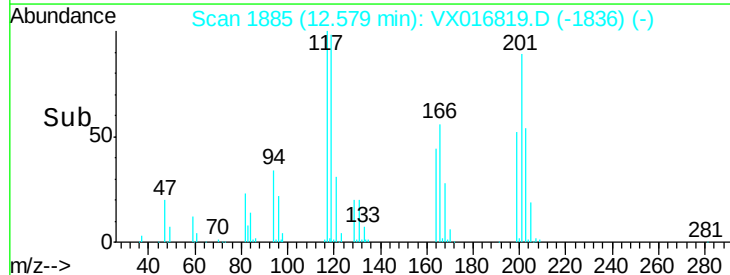
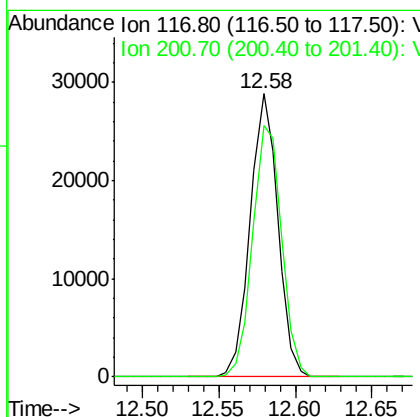
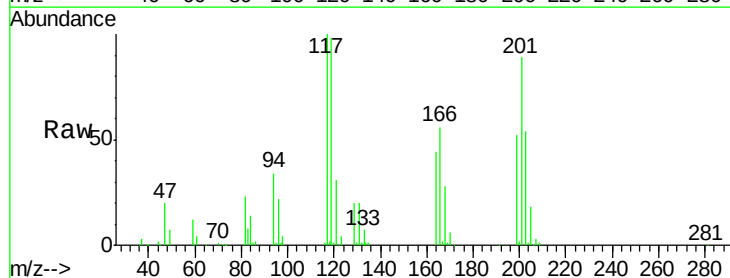
Manual Integrations
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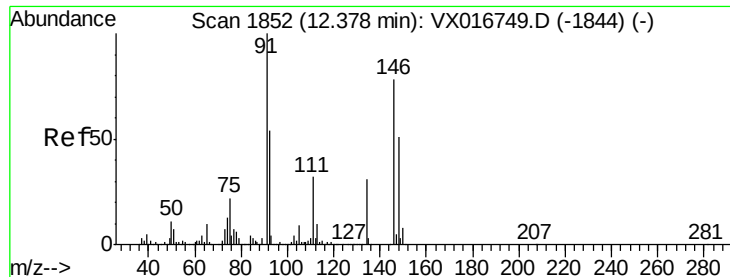
MMDadoda
6/18/2020 11:16:01 AM



#90
Hexachloroethane
Concen: 16.011 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	45.6	136.9





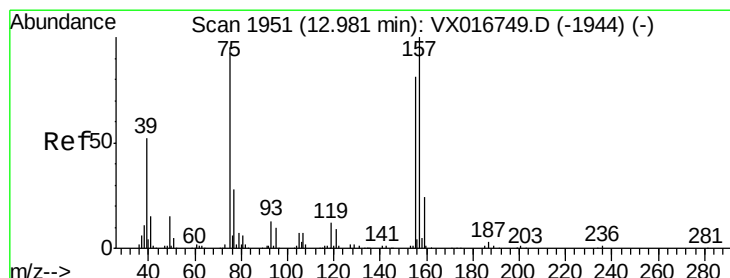
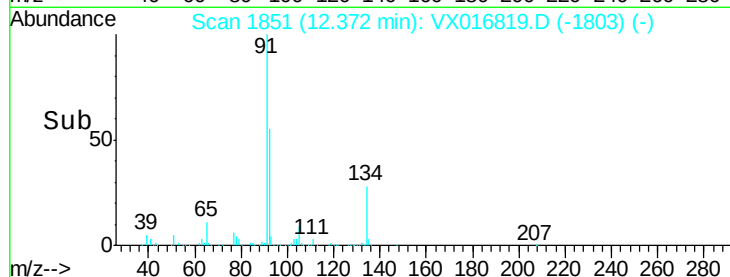
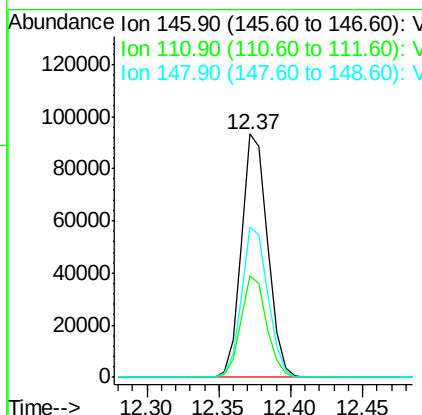
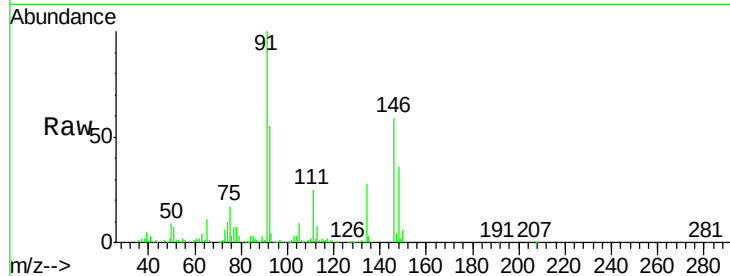
#91
 1,2-Dichlorobenzene
 Concen: 17.202 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.2
148	62.1	32.1	96.5

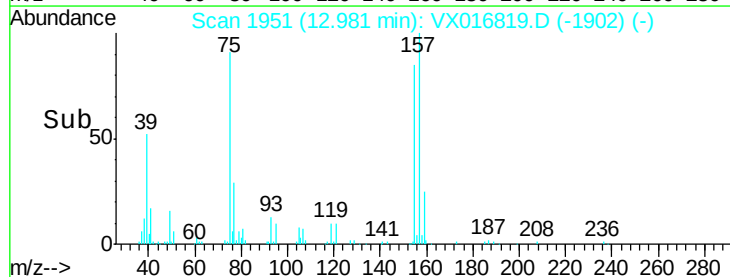
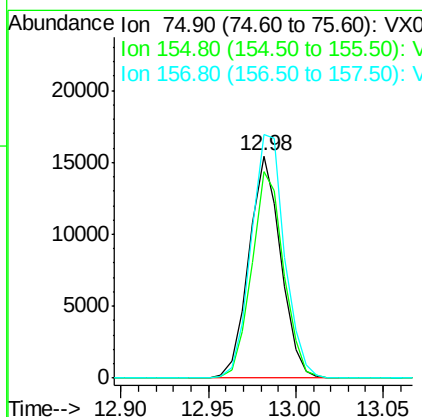
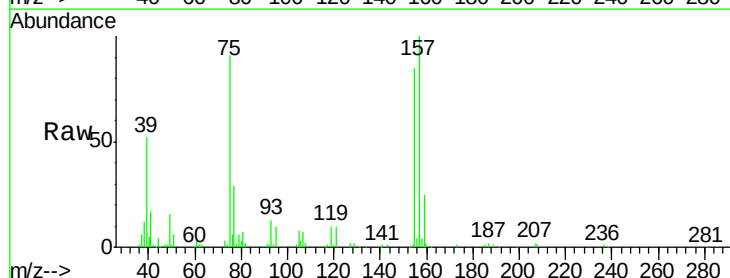
Manual Integrations
 APPROVED

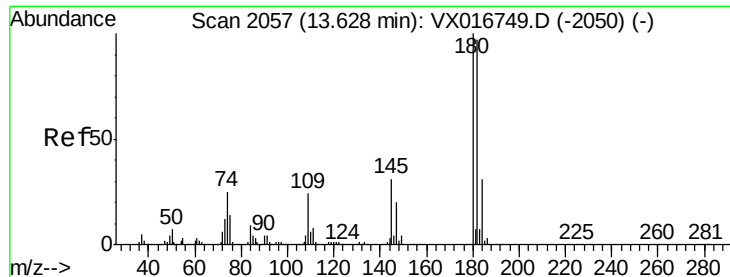
MMDadoda
 6/18/2020 11:16:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.642 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016819.D
 Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	46.9	140.7
157	115.2	59.6	178.7





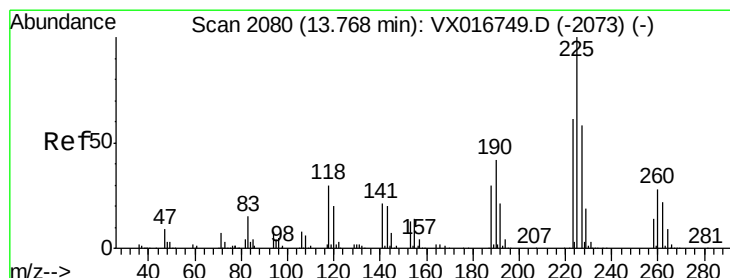
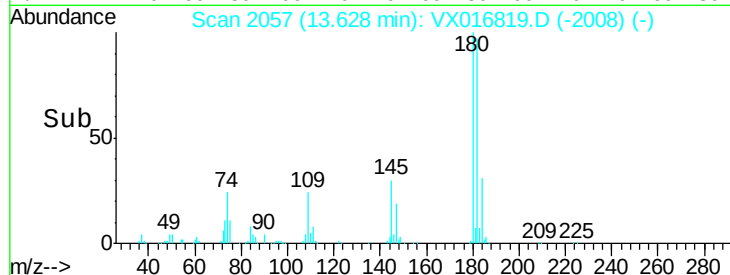
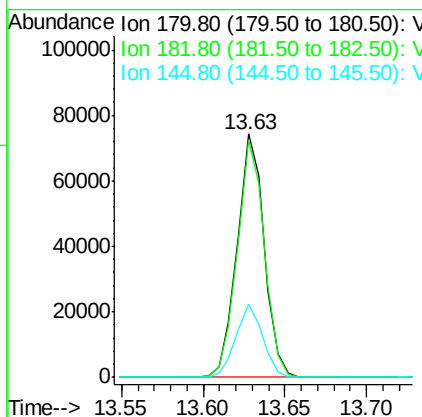
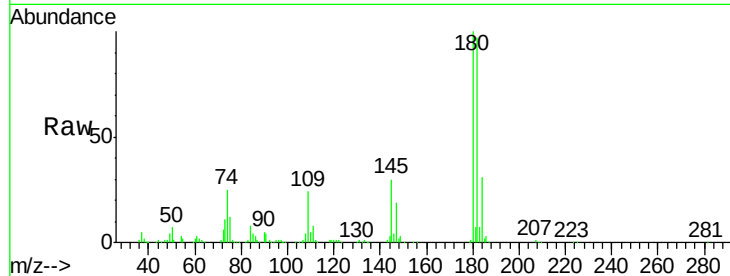
#93
1,2,4-Trichlorobenzene
Concen: 17.970 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	48.6	145.8	
145	29.8	15.4	46.4	

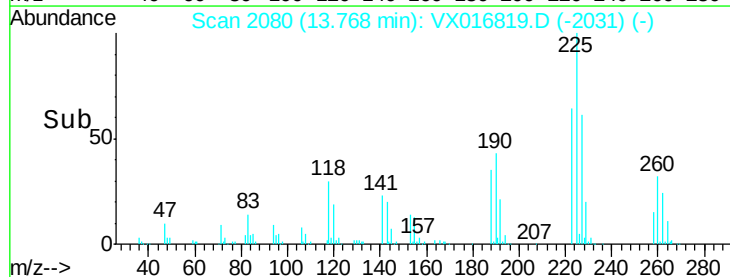
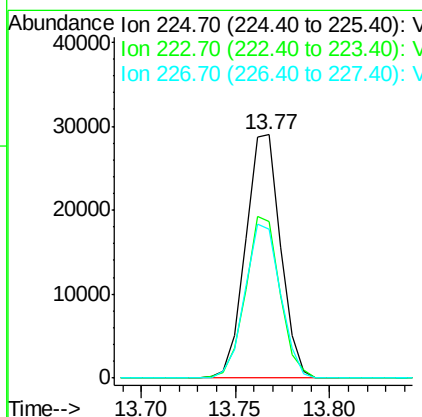
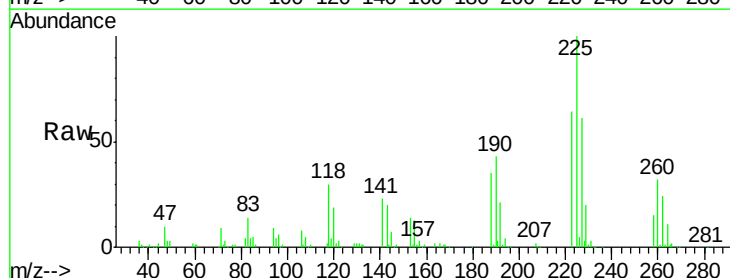
Manual Integrations
APPROVED

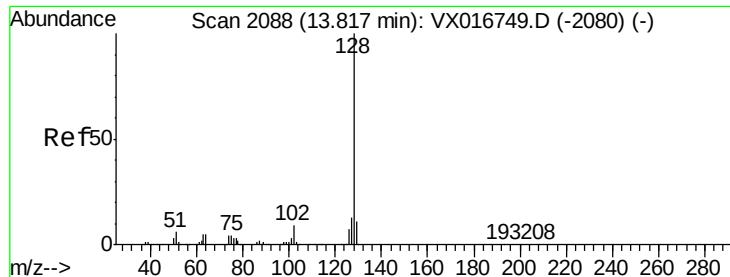
MMDadoda
6/18/2020 11:16:01 AM



#94
Hexachlorobutadiene
Concen: 18.045 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	31.1	93.5	
227	64.0	30.9	92.7	





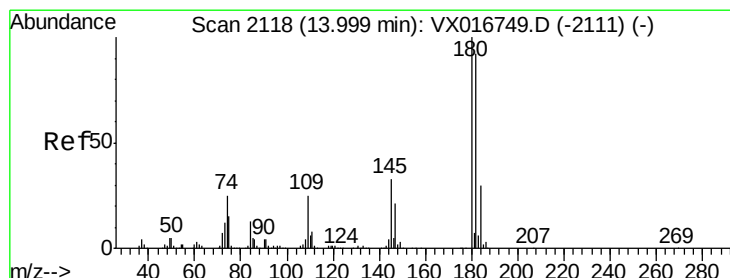
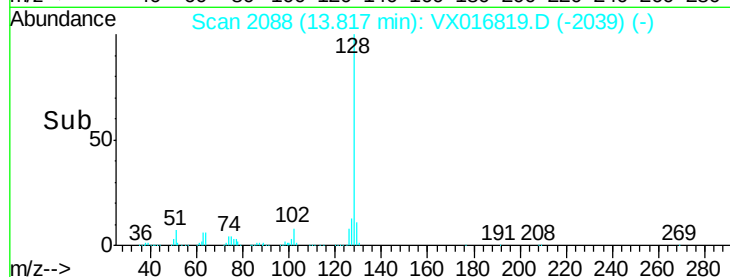
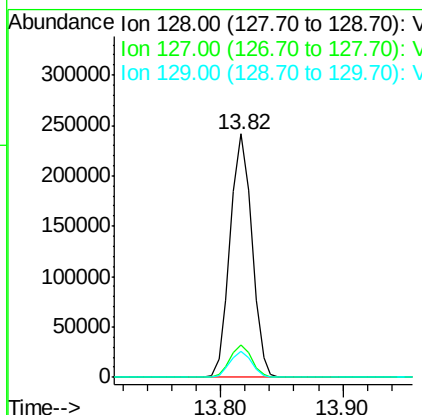
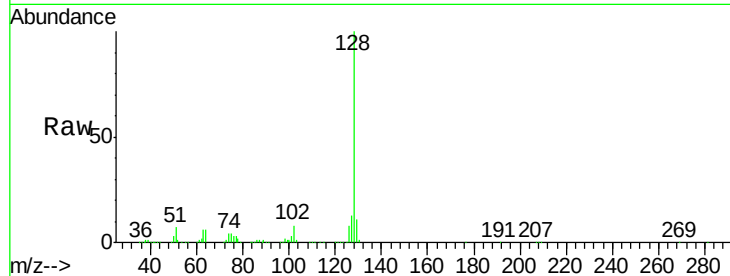
#95
Naphthalene
Concen: 19.779 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/18/2020 11:16:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.844 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016819.D
Acq: 17 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.1	141.4
145	32.8	15.9	47.7

