

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017089.D
 Acq On : 01 Jul 2020 11:50
 Operator : JC/SP
 Sample : VX0701WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:16:00 AM

Quant Time: Jul 02 02:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	380849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	360178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	150817	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.46	113	122268	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.70	98	452399	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	173301	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47106	19.278	ug/l	98
3) Chloromethane	1.31	50	48262	16.317	ug/l	98
4) Vinyl Chloride	1.39	62	47433	17.285	ug/l	99
5) Bromomethane	1.63	94	32587	22.476	ug/l	97
6) Chloroethane	1.71	64	29015	17.902	ug/l	95
7) Trichlorofluoromethane	1.92	101	79287	19.536	ug/l	99
8) Diethyl Ether	2.17	74	27948	20.682	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44235	18.185	ug/l	98
10) Methyl Iodide	2.49	142	53508	17.047	ug/l	99
11) Tert butyl alcohol	3.01	59	52976	89.184	ug/l	100
12) 1,1-Dichloroethene	2.35	96	40744	16.305	ug/l	95
13) Acrolein	2.27	56	32137	90.505	ug/l	99
14) Allyl chloride	2.71	41	79409	17.195	ug/l	98
15) Acrylonitrile	3.11	53	130100	91.108	ug/l	99
16) Acetone	2.42	43	105619	90.674	ug/l	99
17) Carbon Disulfide	2.55	76	129360	18.566	ug/l	99
18) Methyl Acetate	2.75	43	54659	17.975	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158638	18.915	ug/l	98
20) Methylene Chloride	2.83	84	53527	19.560	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	50205	18.104	ug/l	93
22) Diisopropyl ether	3.82	45	163187	19.092	ug/l	90
23) Vinyl Acetate	3.78	43	702360	95.627	ug/l	99
24) 1,1-Dichloroethane	3.67	63	89192	18.340	ug/l	100
25) 2-Butanone	4.63	43	173641	89.465	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79866	18.495	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	56502	17.982	ug/l	100
28) Bromochloromethane	4.97	49	41434	17.508	ug/l	99
29) Tetrahydrofuran	5.09	42	115508	90.073	ug/l	99
30) Chloroform	5.17	83	93905	18.836	ug/l	94
31) Cyclohexane	5.54	56	77262	18.379	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86180	18.770	ug/l	100
36) 1,1-Dichloropropene	5.77	75	67257	18.685	ug/l	97
37) Ethyl Acetate	4.79	43	69090	18.918	ug/l	99
38) Carbon Tetrachloride	5.75	117	78836	19.885	ug/l	99

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Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:16:00 AM

Quant Time: Jul 02 02:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76800	19.177	ug/l	98
40) Benzene	6.11	78	201887	19.089	ug/l	98
41) Methacrylonitrile	5.00	41	39795	19.360	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77850	20.379	ug/l	100
43) Isopropyl Acetate	6.41	43	114051	18.793	ug/l	100
44) Trichloroethene	7.18	130	59542	20.218	ug/l	99
45) 1,2-Dichloropropane	7.49	63	52914	19.480	ug/l	100
46) Dibromomethane	7.63	93	37519	20.231	ug/l	98
47) Bromodichloromethane	7.87	83	75388	19.726	ug/l	99
48) Methyl methacrylate	7.74	41	55931	19.399	ug/l	99
49) 1,4-Dioxane	7.71	88	24618	376.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	350289	96.831	ug/l	100
52) Toluene	8.76	92	129199	19.567	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	81717	19.379	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	87719	19.406	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	53603	19.869	ug/l	99
56) Ethyl methacrylate	9.16	69	74327	19.357	ug/l	99
57) 1,3-Dichloropropane	9.35	76	89638	19.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	181919	95.193	ug/l	98
59) 2-Hexanone	9.47	43	258023	97.662	ug/l	99
60) Dibromochloromethane	9.56	129	62603	19.979	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57723	19.906	ug/l	100
64) Tetrachloroethene	9.32	164	60391	20.775	ug/l	99
65) Chlorobenzene	10.12	112	142238	19.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56024	19.555	ug/l	99
67) Ethyl Benzene	10.24	91	238715	19.229	ug/l	97
68) m/p-Xylenes	10.34	106	189280	39.708	ug/l	99
69) o-Xylene	10.68	106	88525	19.522	ug/l	100
70) Styrene	10.69	104	153446	19.871	ug/l	99
71) Bromoform	10.84	173	46332	20.394	ug/l	98
73) Isopropylbenzene	11.00	105	237562	18.833	ug/l	99
74) N-amyl acetate	10.88	43	97767	18.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74843	18.863	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	73373m	19.376	ug/l	
77) Bromobenzene	11.24	156	65069	18.769	ug/l	99
78) n-propylbenzene	11.34	91	270642	18.974	ug/l	99
79) 2-Chlorotoluene	11.40	91	167357	19.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	207300	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26727	18.277	ug/l	94
82) 4-Chlorotoluene	11.49	91	200062	19.386	ug/l	99
83) tert-Butylbenzene	11.76	119	190950	18.591	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	208128	19.608	ug/l	99
85) sec-Butylbenzene	11.93	105	223605	18.521	ug/l	99
86) p-Isopropyltoluene	12.05	119	218245	19.418	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	116335	18.477	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	119205	19.961	ug/l	100
89) n-Butylbenzene	12.37	91	180274	17.964	ug/l	99
90) Hexachloroethane	12.58	117	40952	18.477	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	111433	18.934	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16505	17.437	ug/l	98

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MSVOA_X
ClientSampleId :
VX0701WBSD01

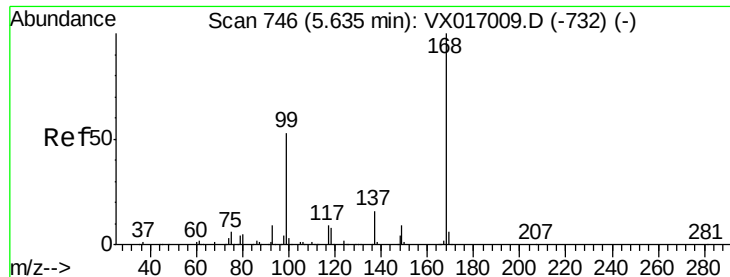
Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:16:00 AM

Quant Time: Jul 02 02:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74055	18.435	ug/l	99
94) Hexachlorobutadiene	13.77	225	31215	20.973	ug/l	95
95) Naphthalene	13.82	128	224579	18.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	74453	19.151	ug/l	99

(#) = 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. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion:168 Resp: 252574

Ion Ratio Lower Upper

168 100

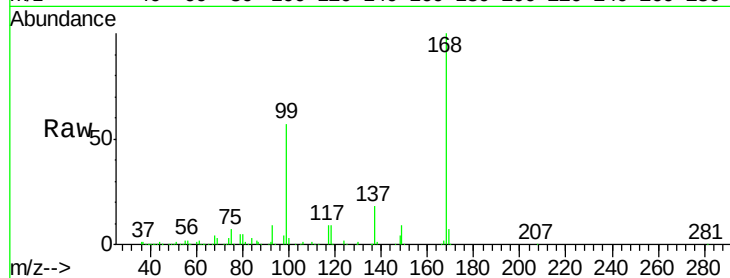
99 56.5 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

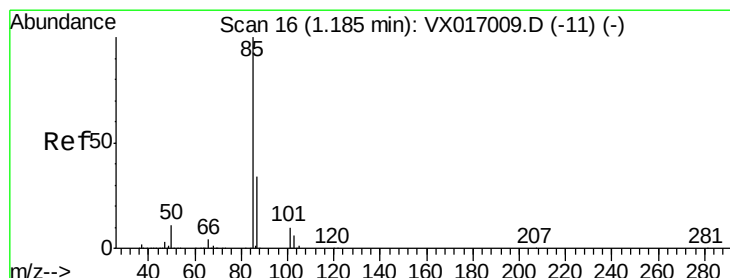
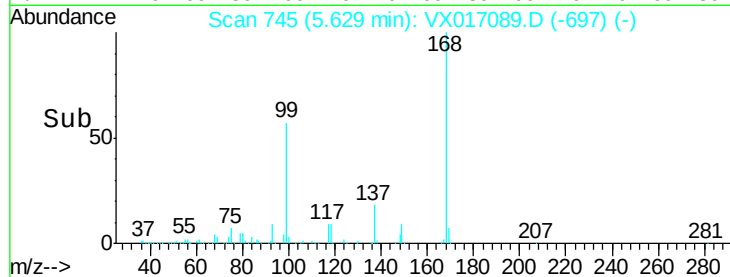
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.278 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017089.D

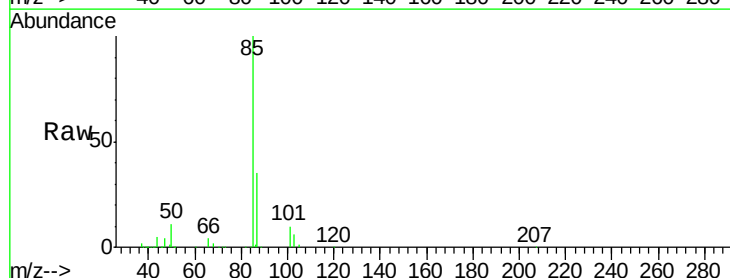
Acq: 01 Jul 2020 11:50

Tgt Ion: 85 Resp: 47106

Ion Ratio Lower Upper

85 100

87 34.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

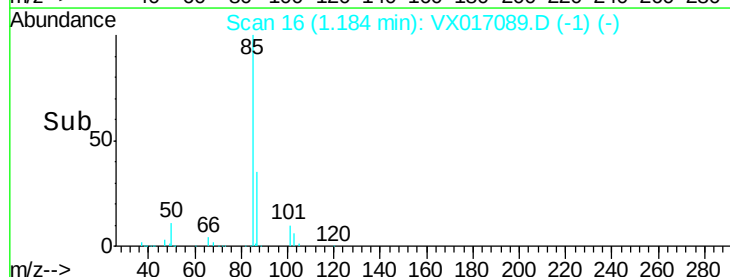
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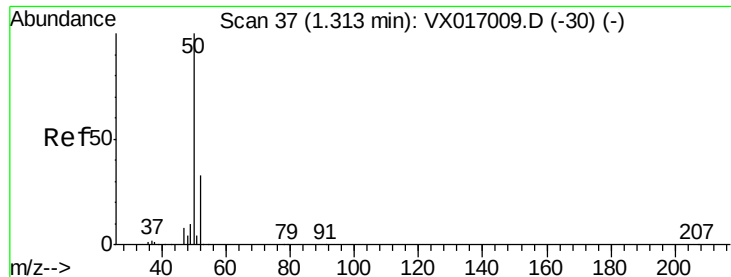
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.317 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion: 50 Resp: 48262

Ion Ratio Lower Upper

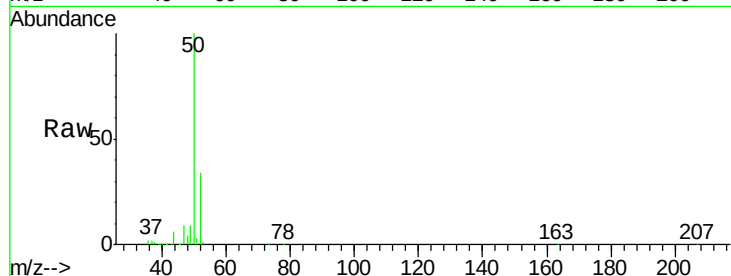
50 100

52 34.0 26.1 39.1

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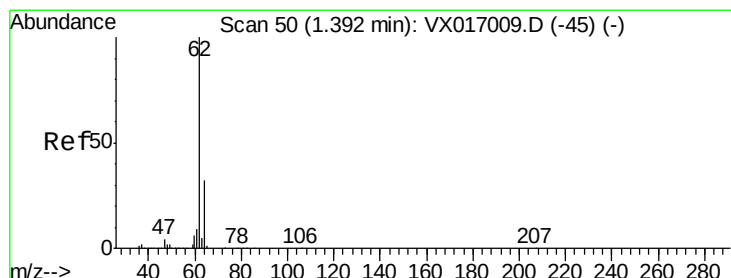
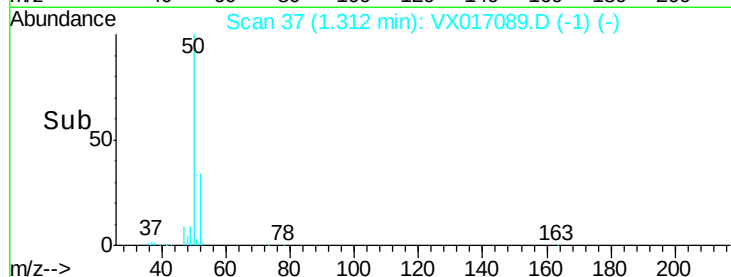
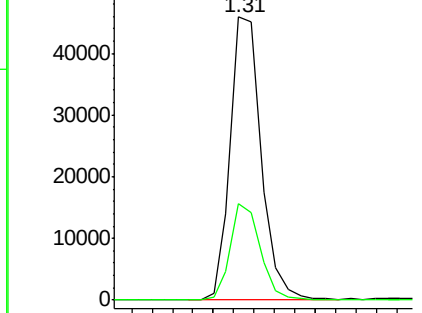
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.285 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017089.D

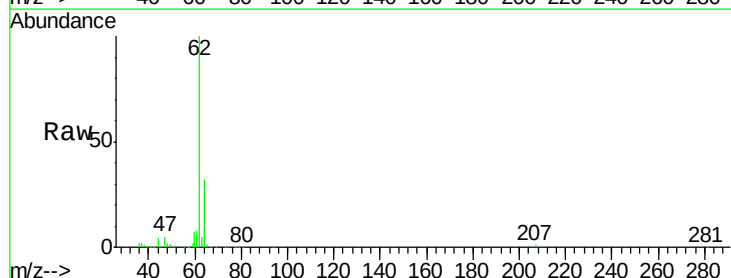
Acq: 01 Jul 2020 11:50

Tgt Ion: 62 Resp: 47433

Ion Ratio Lower Upper

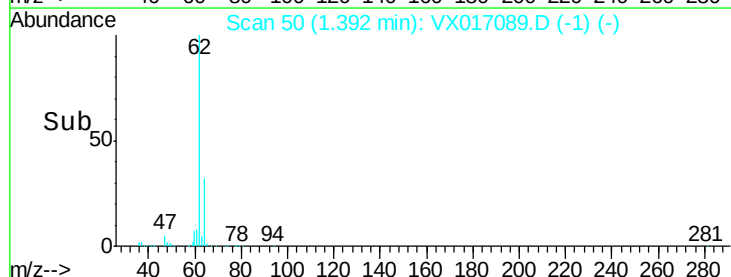
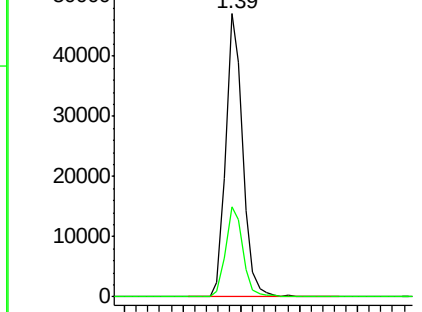
62 100

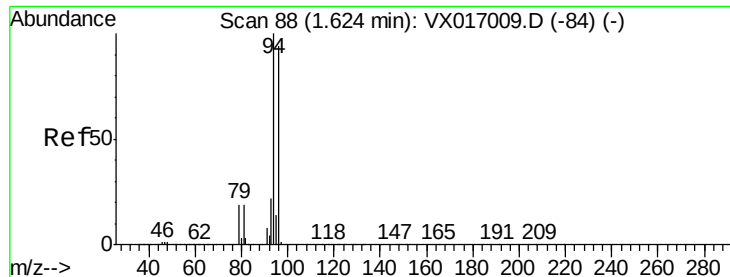
64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.476 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion: 94 Resp: 32587

Ion Ratio Lower Upper

94 100

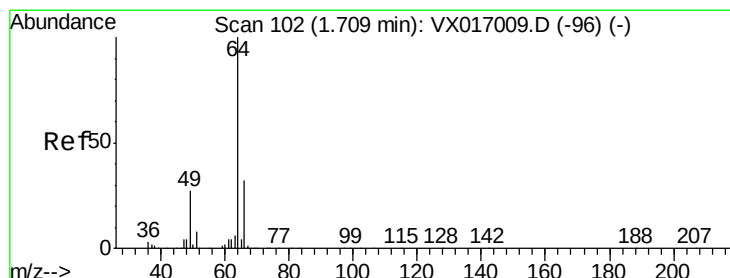
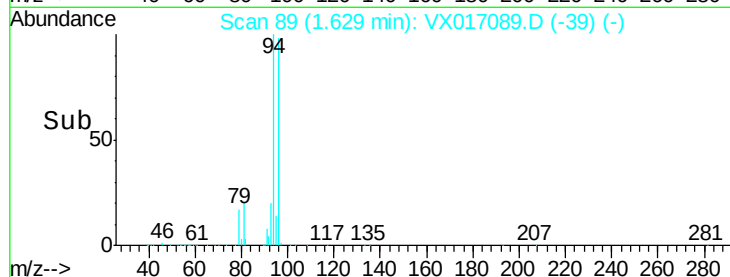
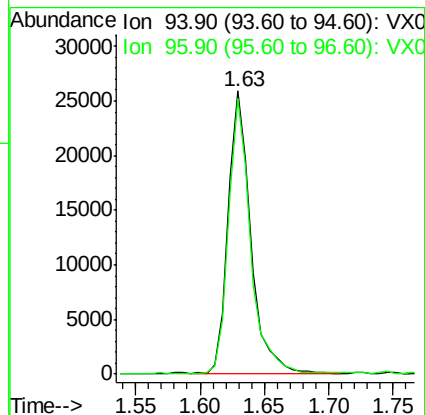
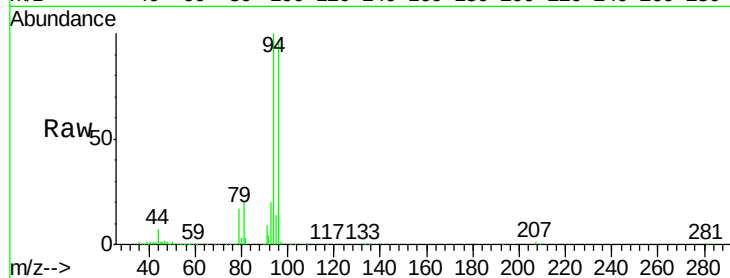
96 96.9 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 17.902 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017089.D

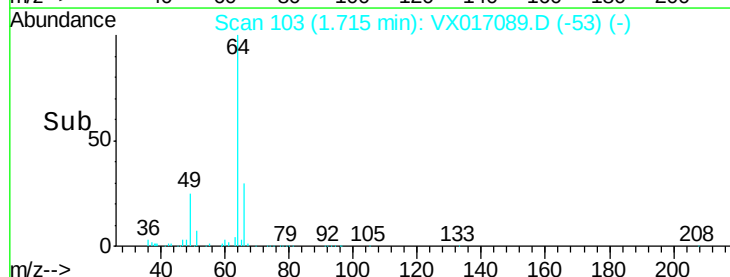
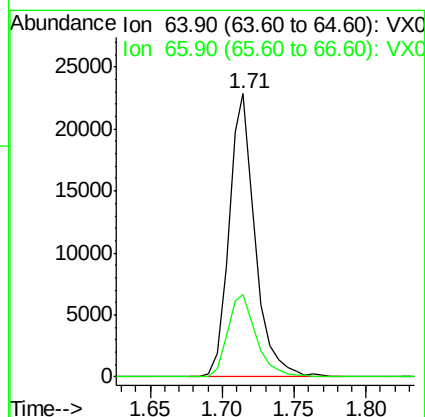
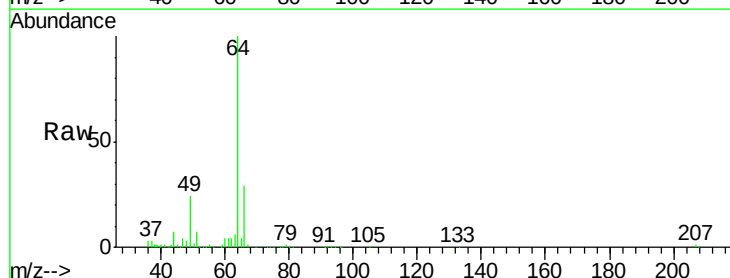
Acq: 01 Jul 2020 11:50

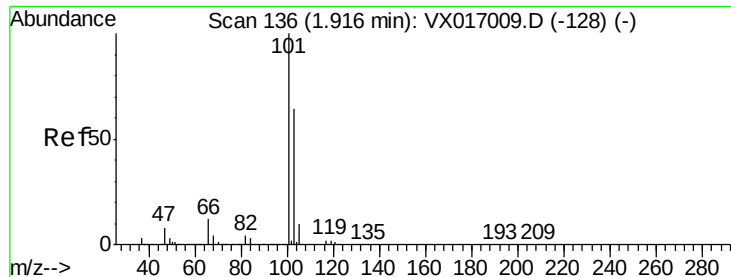
Tgt Ion: 64 Resp: 29015

Ion Ratio Lower Upper

64 100

66 28.9 25.5 38.3





#7

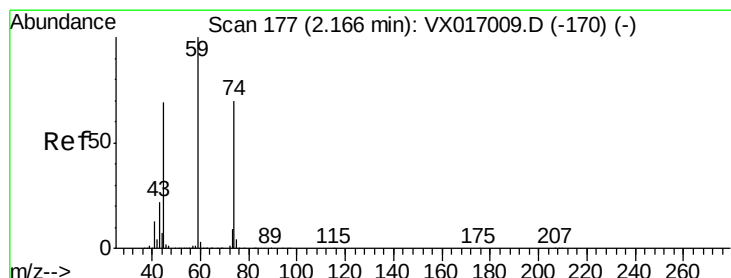
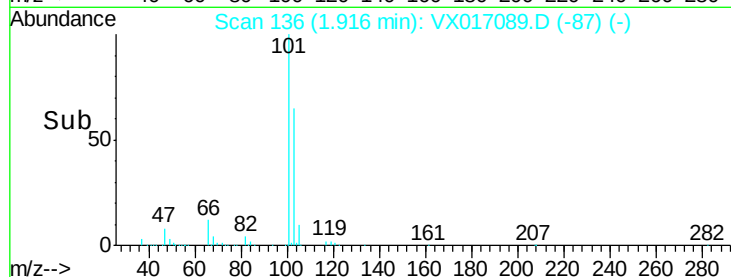
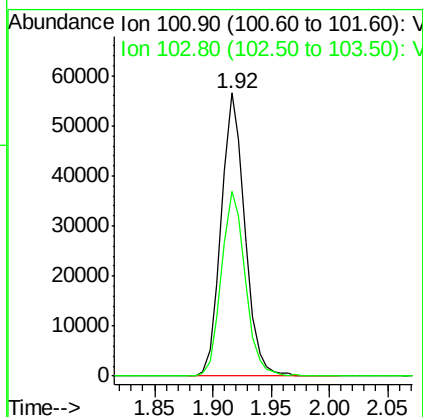
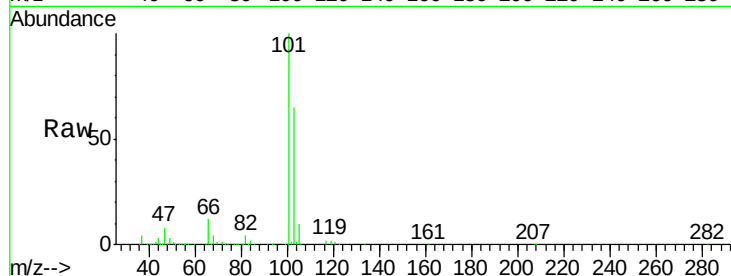
Trichlorofluoromethane
Concen: 19.536 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

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ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

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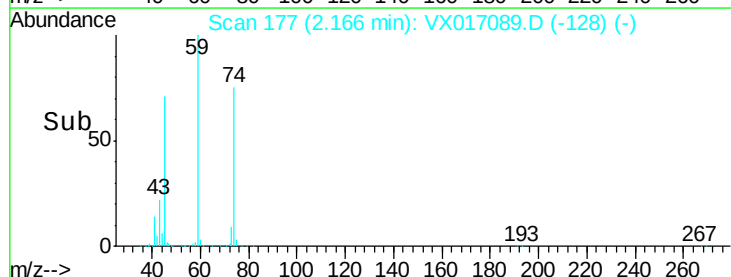
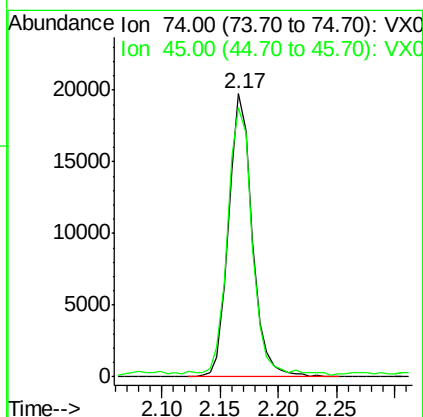
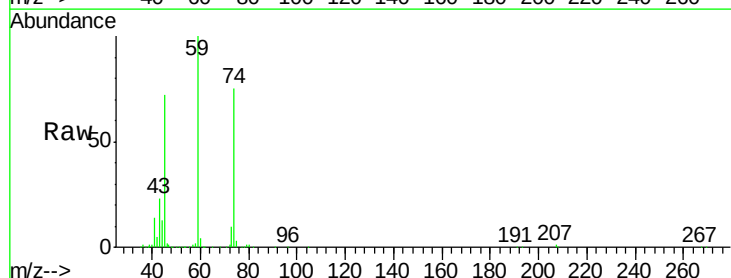
MMDadoda
7/2/2020 9:16:00 AM

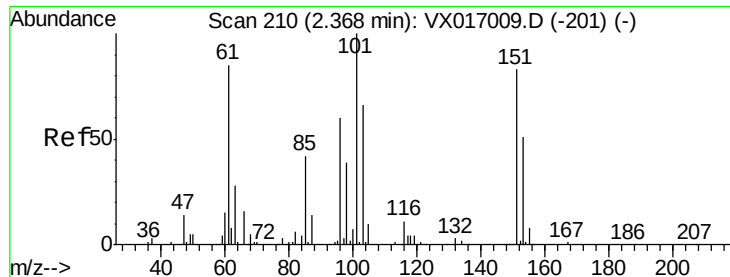


#8

Diethyl Ether
Concen: 20.682 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.185 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017089.D

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Instrument :

MSVOA_X

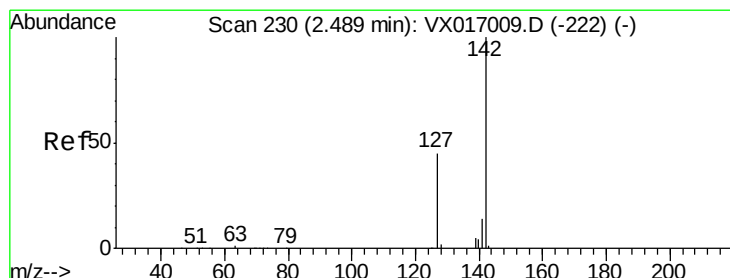
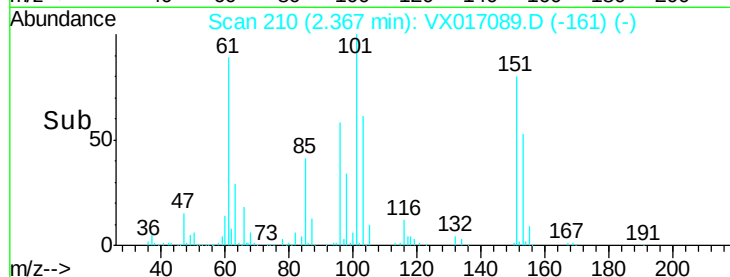
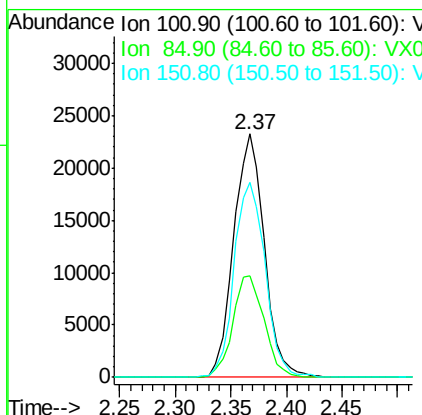
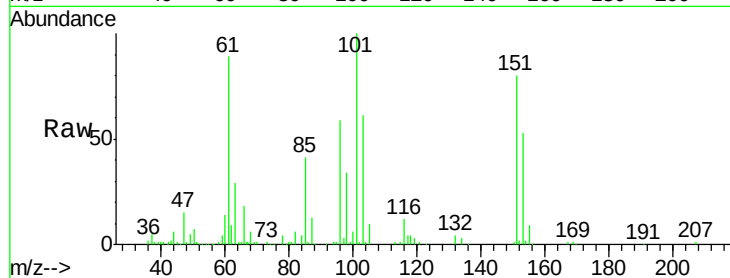
ClientSampleId :

VX0701WBSD01

Tot Ion:	101	Resp:	44235
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.5	50.3
151	81.3	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.047 ug/l

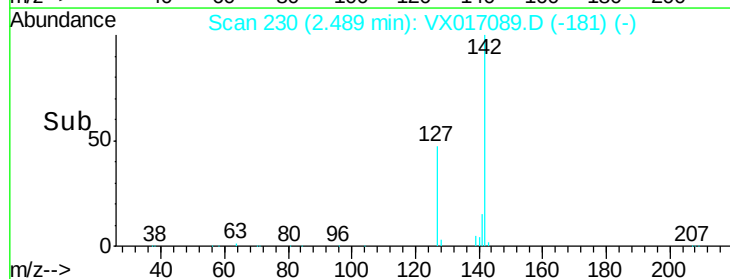
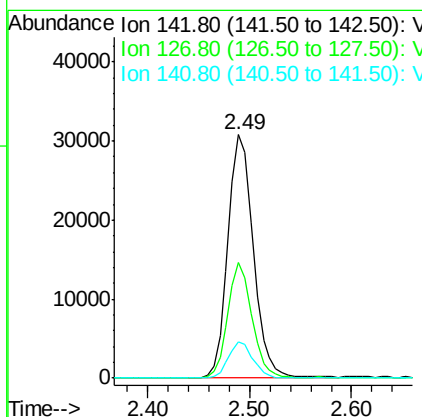
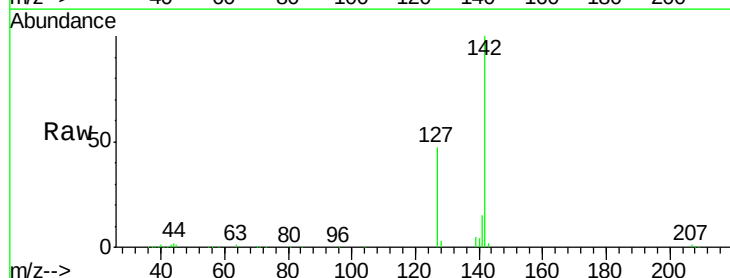
RT: 2.49 min Scan# 230

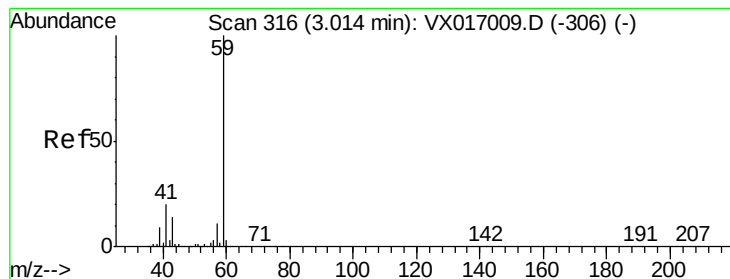
Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	142	Resp:	53508
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.6	54.8
141	14.5	11.6	17.4





#11

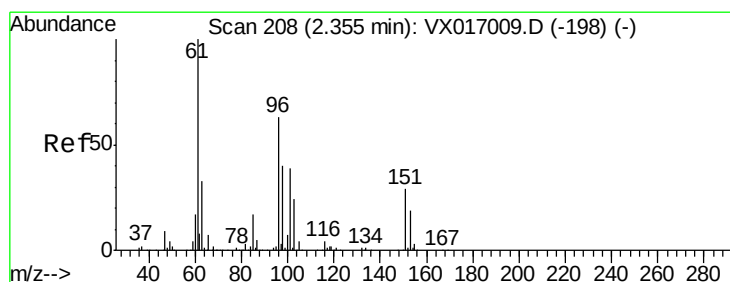
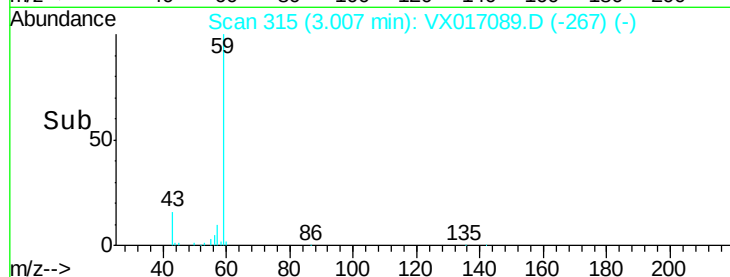
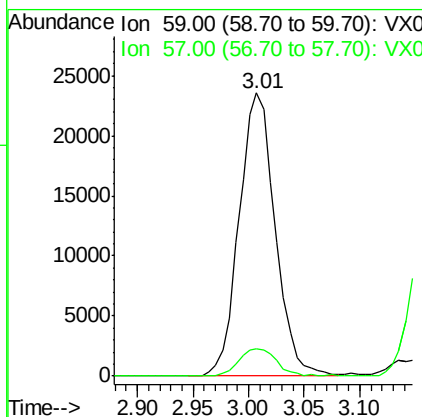
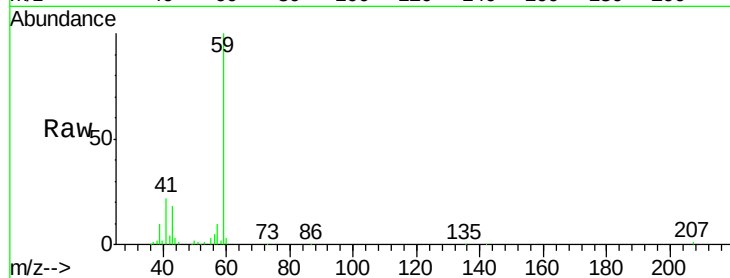
Tert butyl alcohol
Concen: 89.184 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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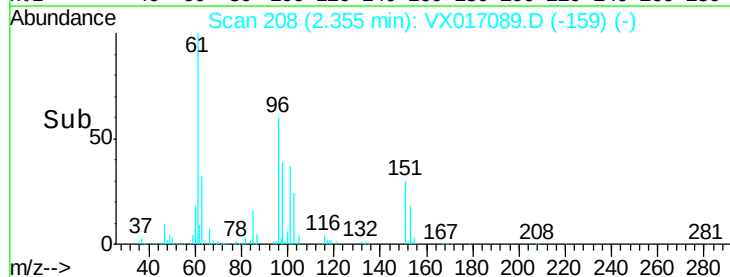
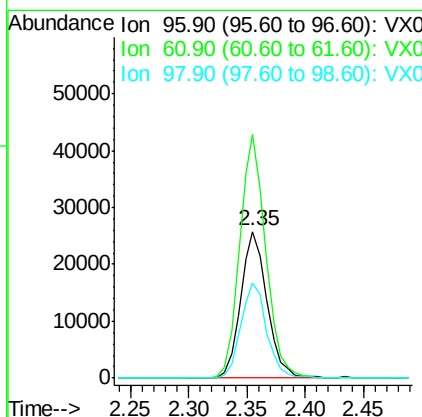
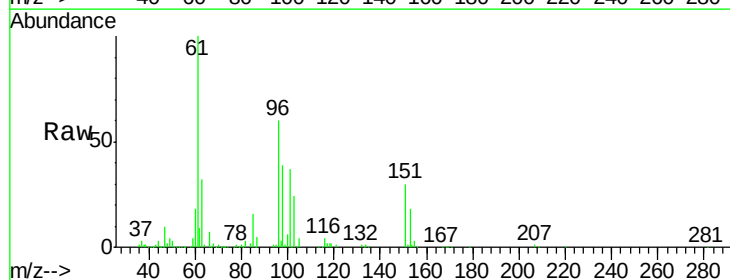
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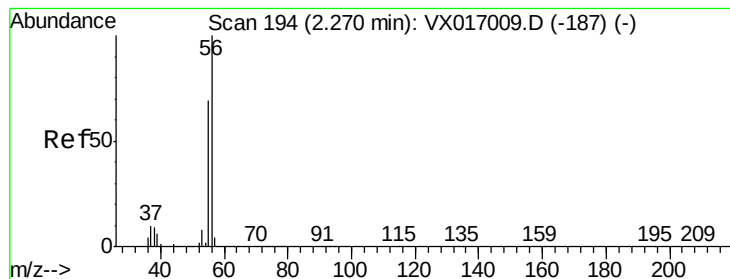


#12

1,1-Dichloroethene
Concen: 16.305 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	126.3	189.5
98	64.5	51.0	76.6





#13

Acrolein

Concen: 90.505 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion: 56 Resp: 32137

Ion Ratio Lower Upper

56 100

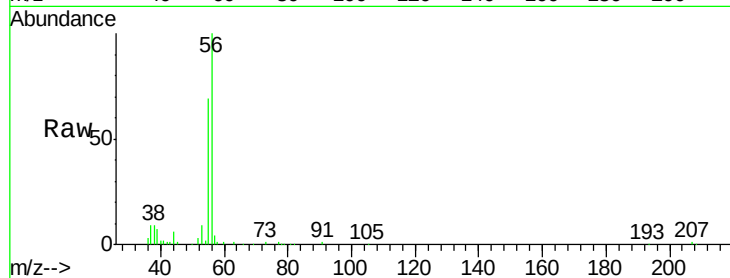
55 70.3 55.7 83.5

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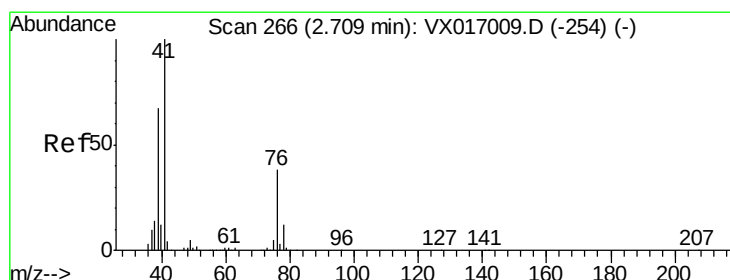
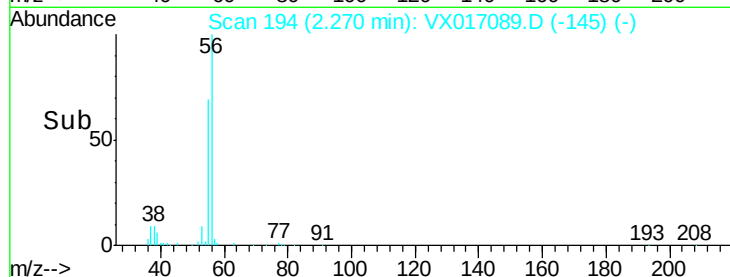
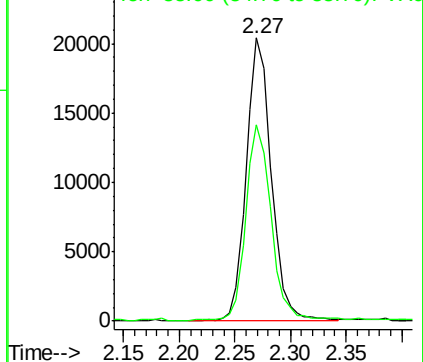
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.195 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

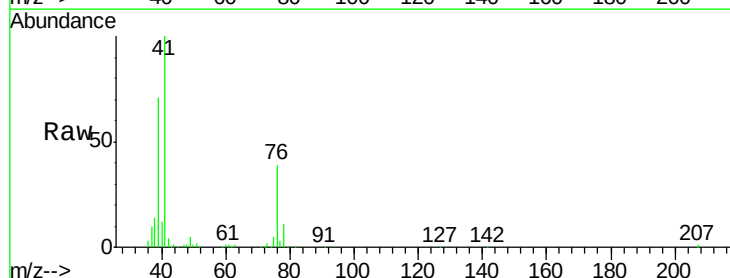
Tgt Ion: 41 Resp: 79409

Ion Ratio Lower Upper

41 100

39 63.8 49.4 74.2

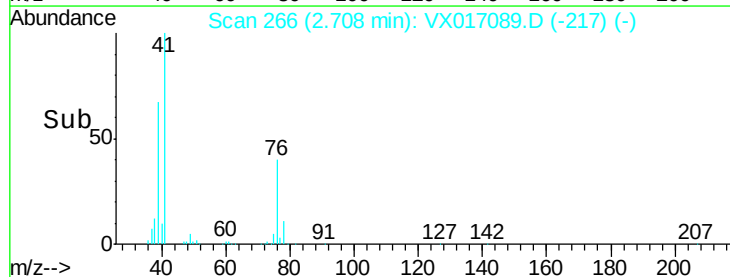
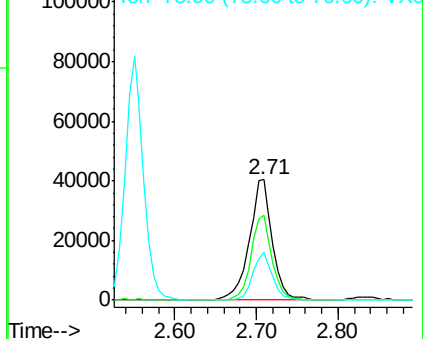
76 34.3 26.8 40.2

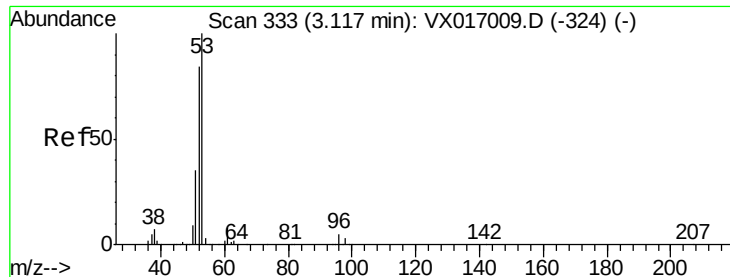


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.108 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

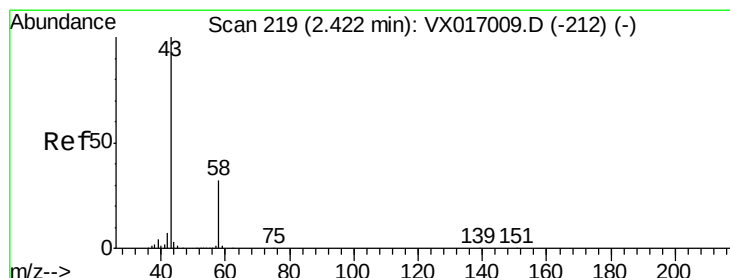
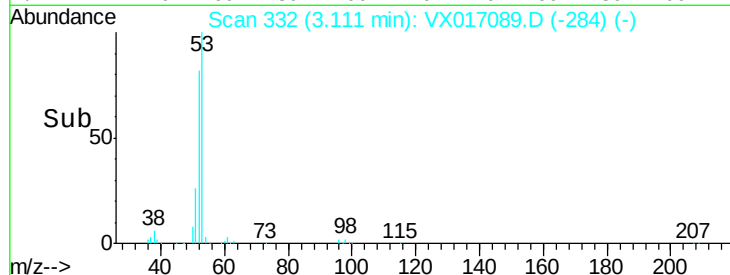
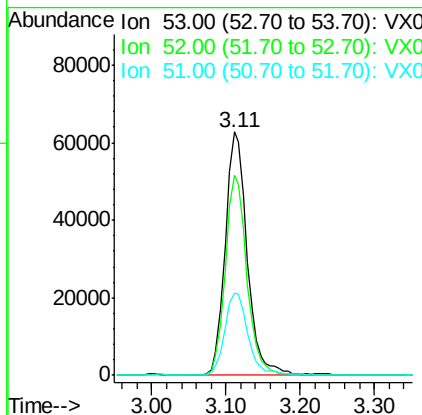
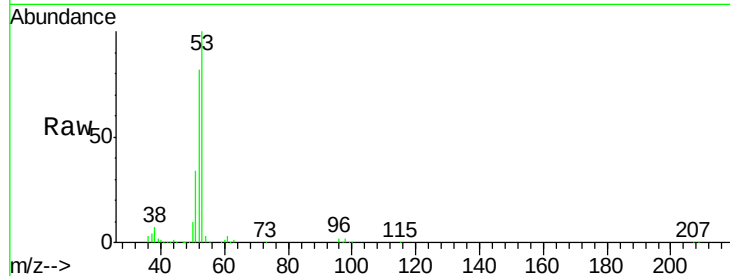
ClientSampleId :

VX0701WBSD01

Tot Ion:	53	Resp:	130100
Ion Ratio		Lower	Upper
53	100		
52	80.9	65.6	98.4
51	35.8	28.3	42.5

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#16

Acetone

Concen: 90.674 ug/l

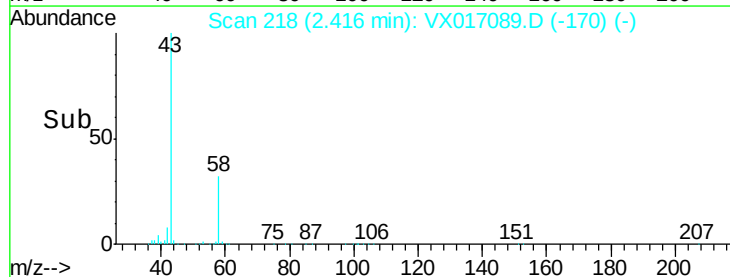
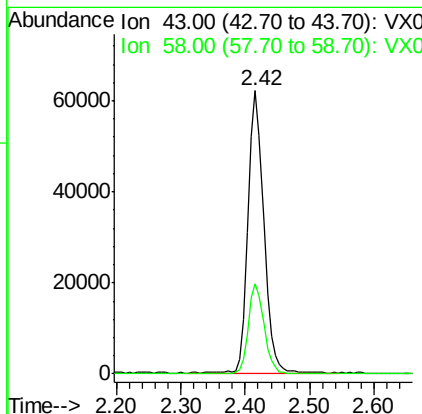
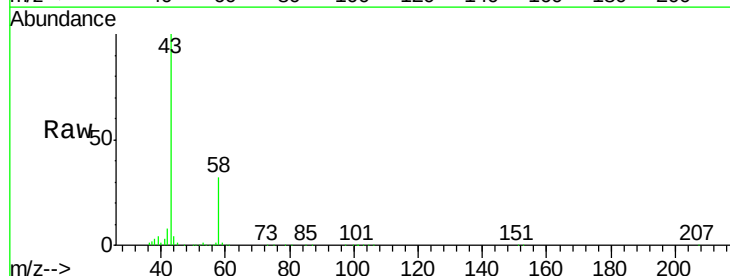
RT: 2.42 min Scan# 218

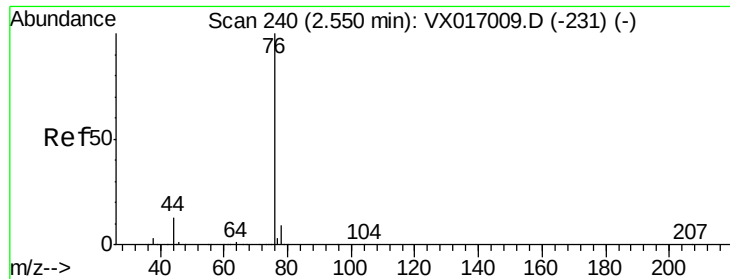
Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	43	Resp:	105619
Ion Ratio		Lower	Upper
43	100		
58	31.6	25.7	38.5





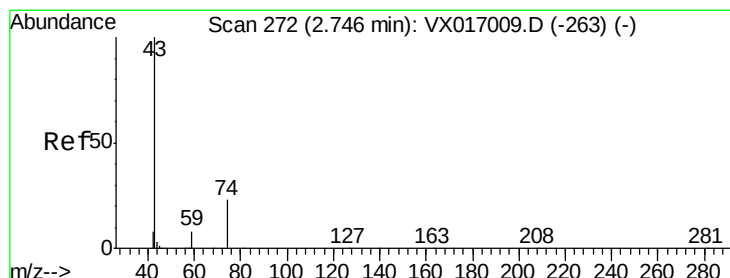
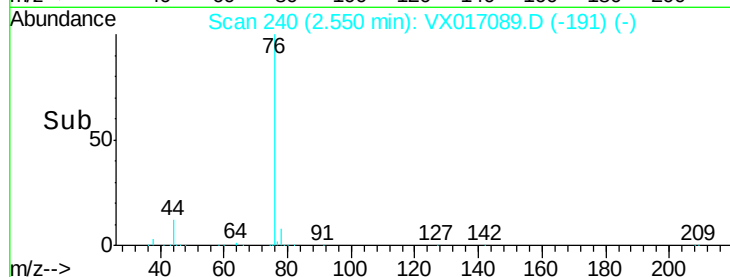
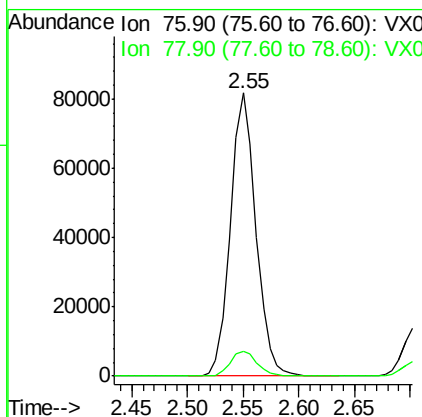
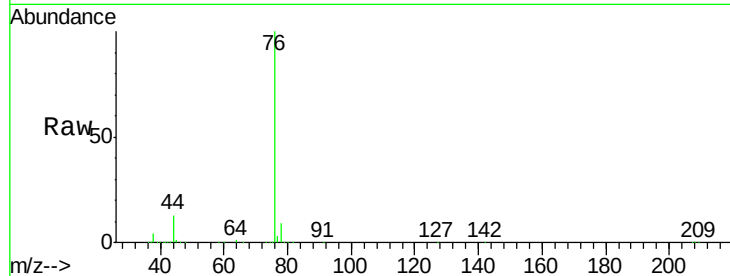
#17
Carbon Disulfide
Concen: 18.566 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

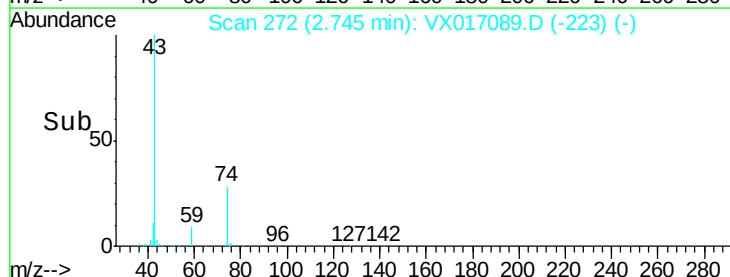
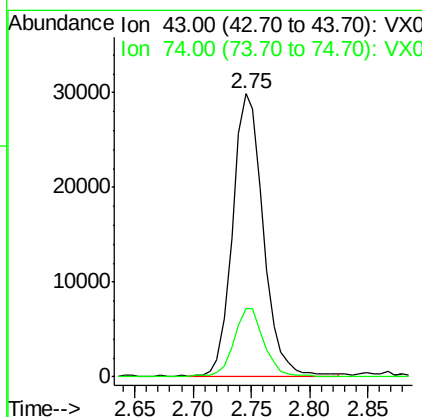
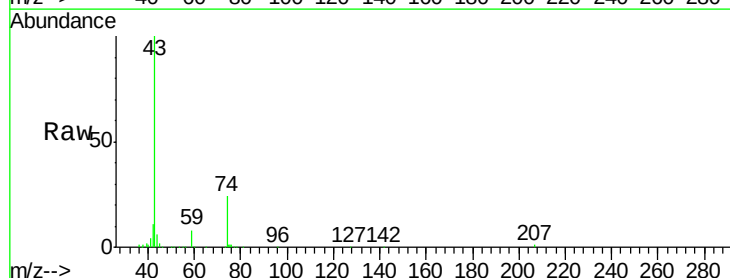
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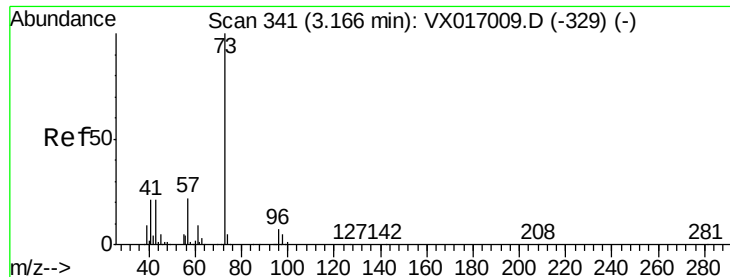
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#18
Methyl Acetate
Concen: 17.975 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.3	28.9





#19

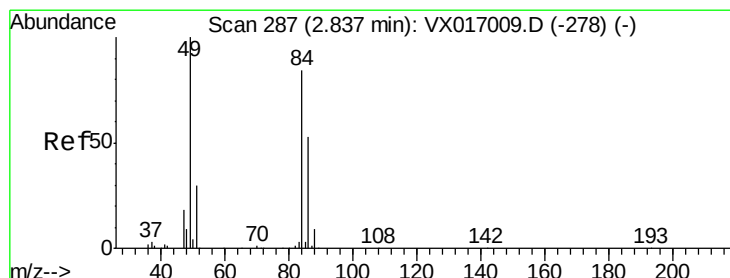
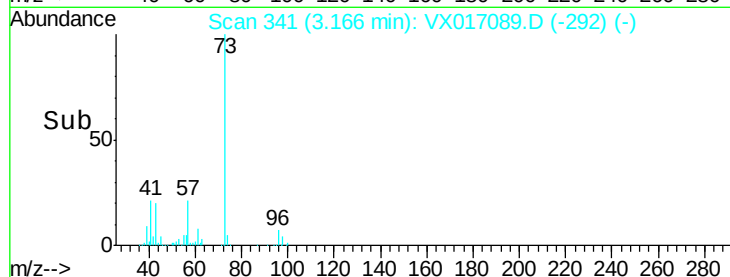
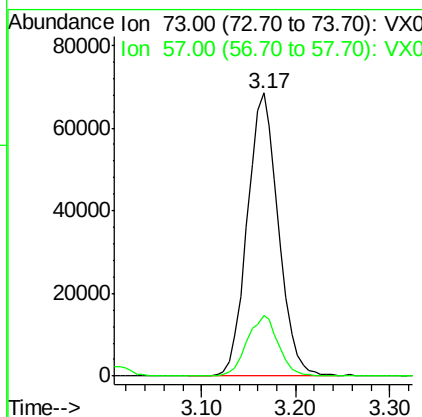
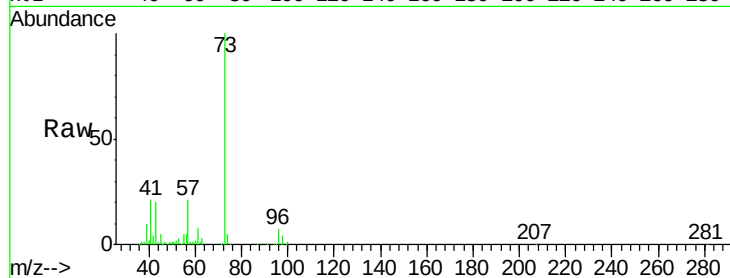
Methyl tert-butyl Ether
 Concen: 18.915 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.6	26.4

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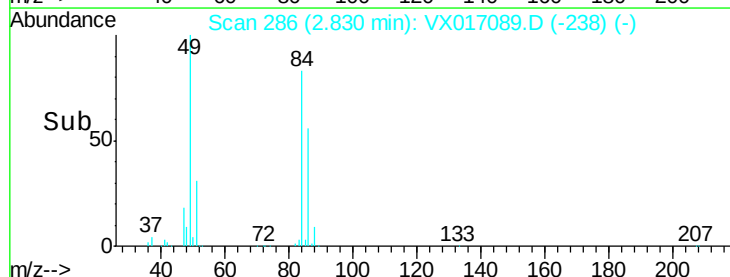
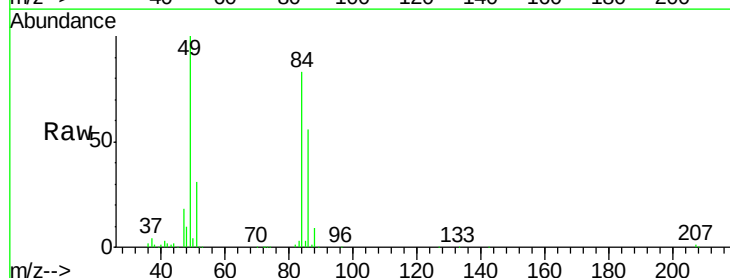
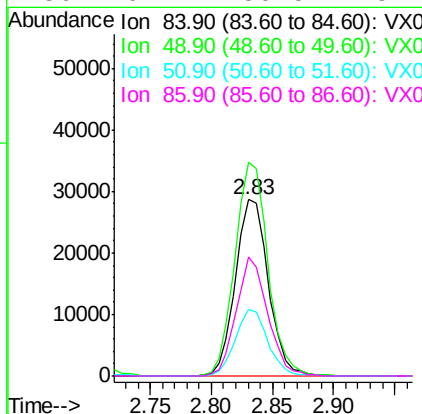
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 7/2/2020 9:16:00 AM

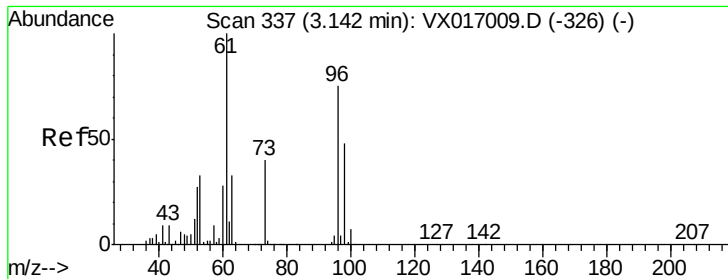


#20

Methylene Chloride
 Concen: 19.560 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	94.7	142.1
51	37.9	28.6	42.8
86	67.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 18.104 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion: 96 Resp: 50205

Ion Ratio Lower Upper

96 100

61 144.1 107.0 160.6

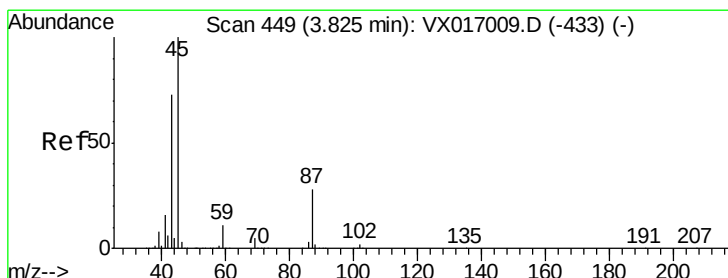
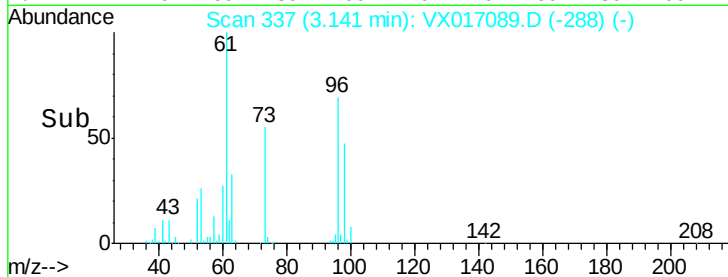
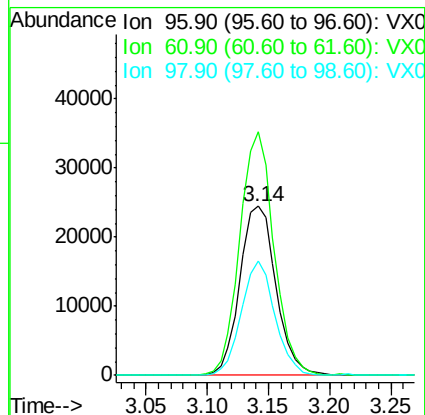
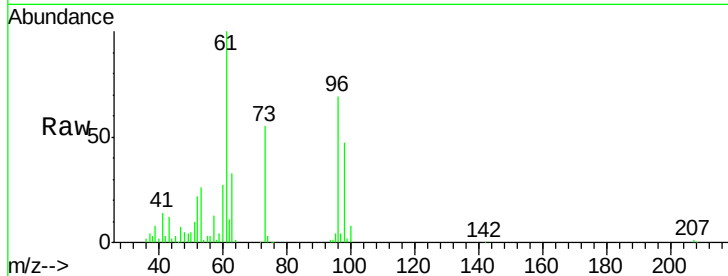
98 67.9 51.6 77.4

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#22

Diisopropyl ether

Concen: 19.092 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion: 45 Resp: 163187

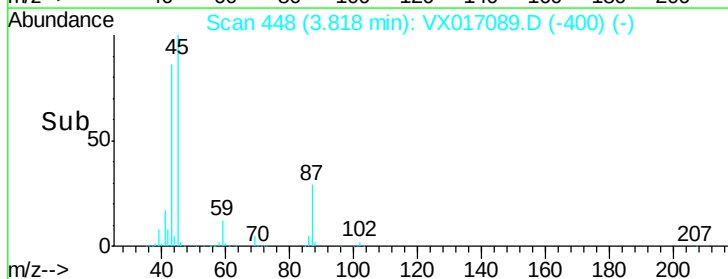
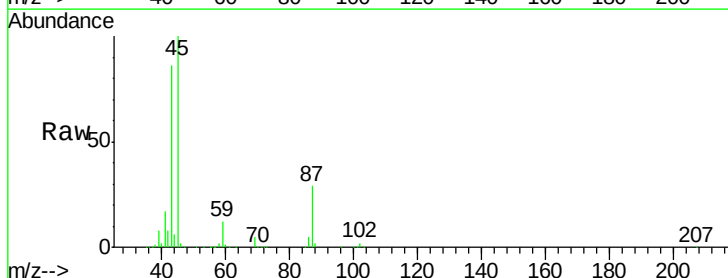
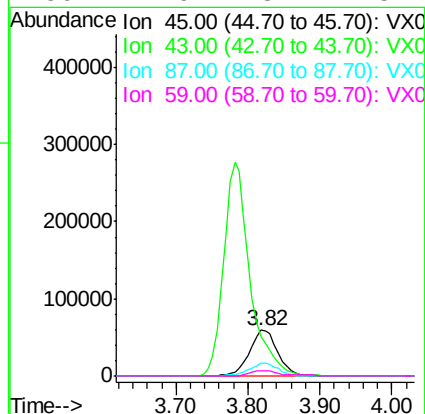
Ion Ratio Lower Upper

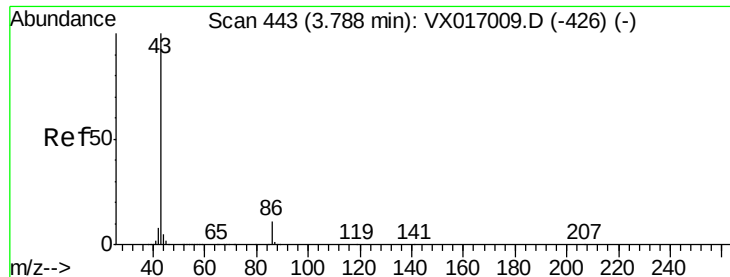
45 100

43 85.5 58.6 88.0

87 28.9 22.6 34.0

59 11.9 8.7 13.1





#23

Vinyl Acetate

Concen: 95.627 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion: 43 Resp: 702360

Ion Ratio Lower Upper

43 100

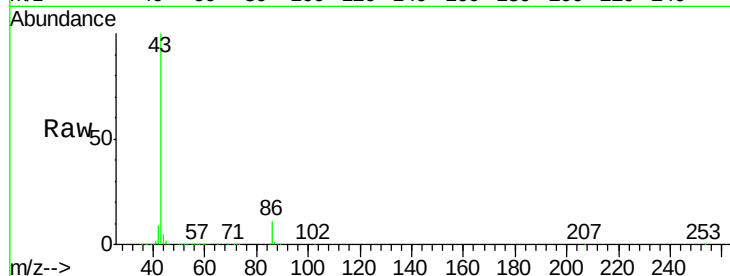
86 11.1 8.6 13.0

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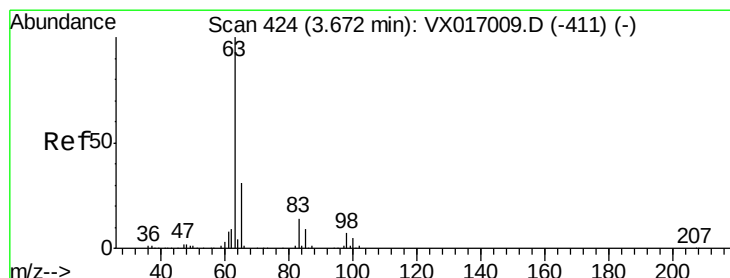
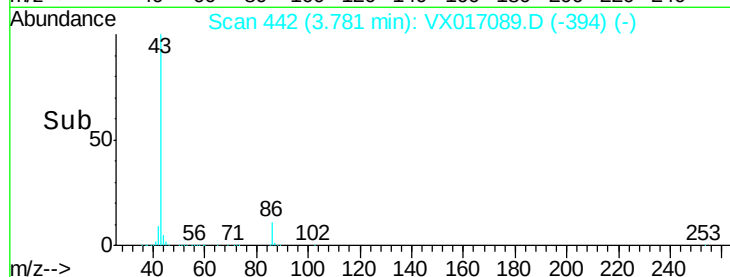
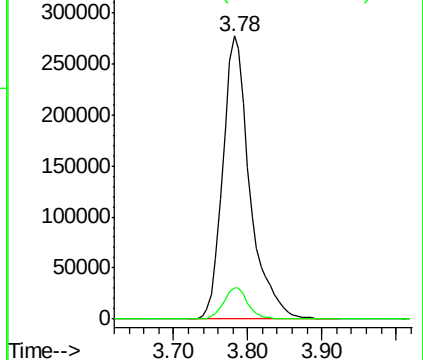
MMDadoda

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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: 18.340 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

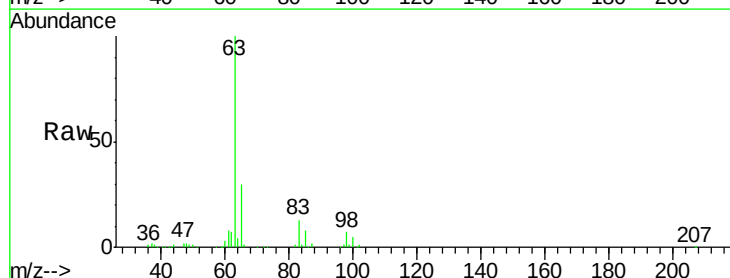
Tgt Ion: 63 Resp: 89192

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

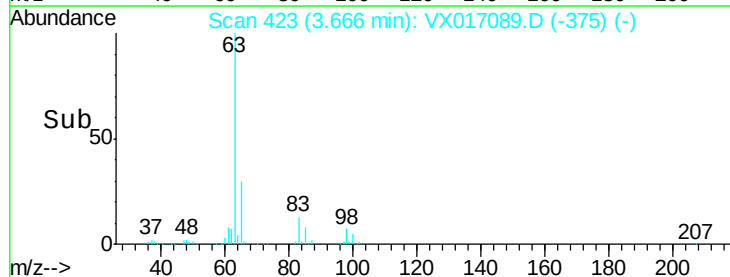
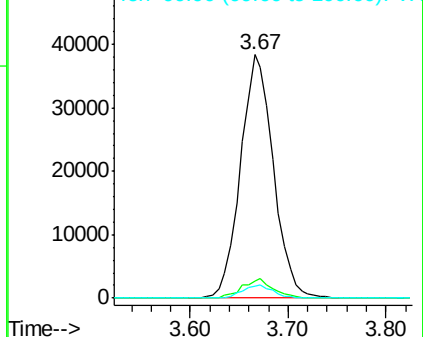
100 4.9 2.4 7.1

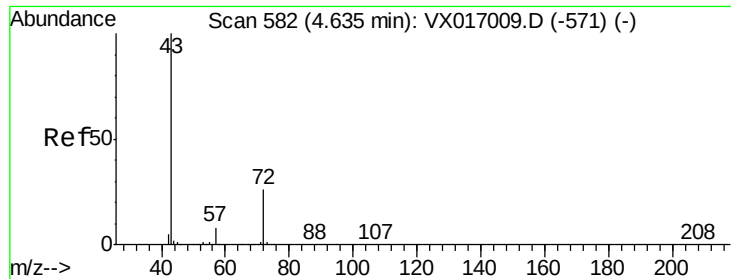


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





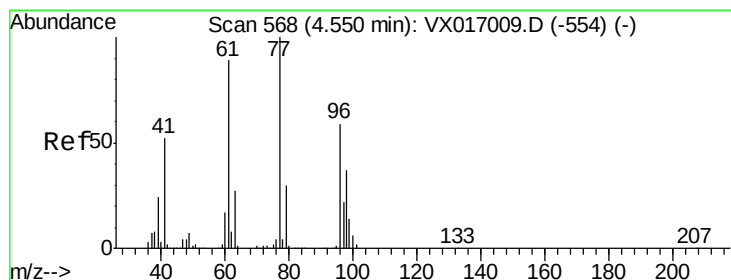
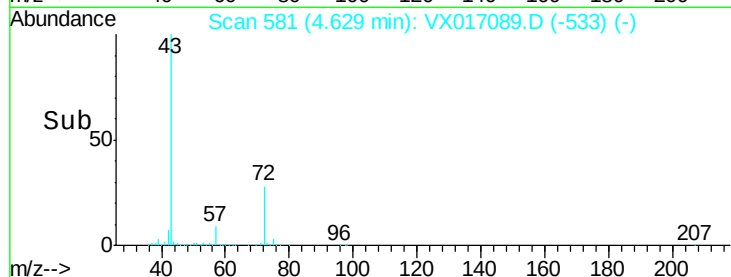
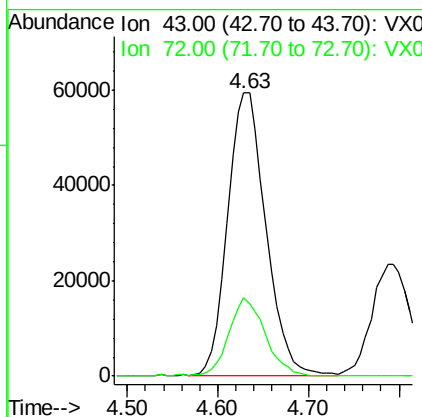
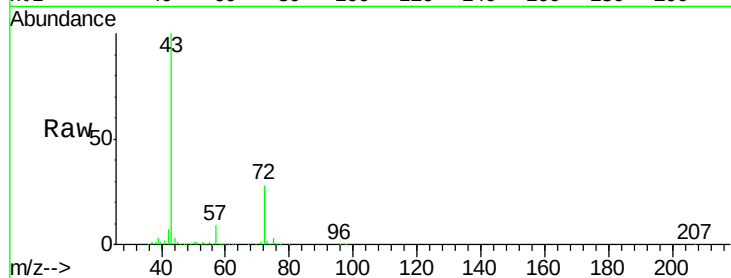
#25
2-Butanone
Concen: 89.465 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion: 43 Resp: 173641
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2

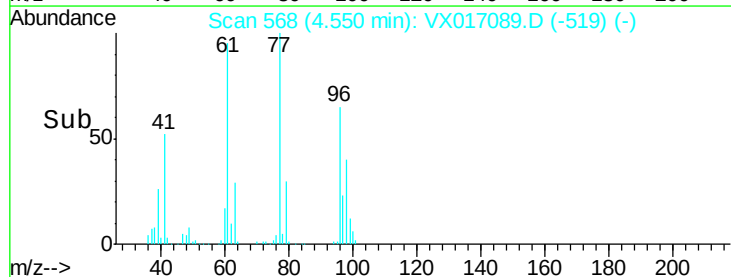
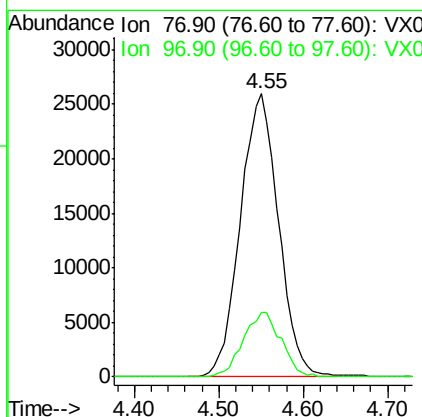
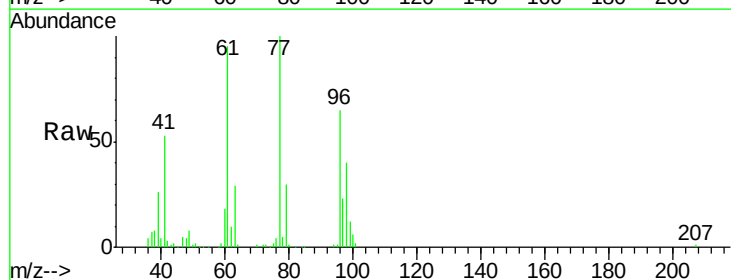
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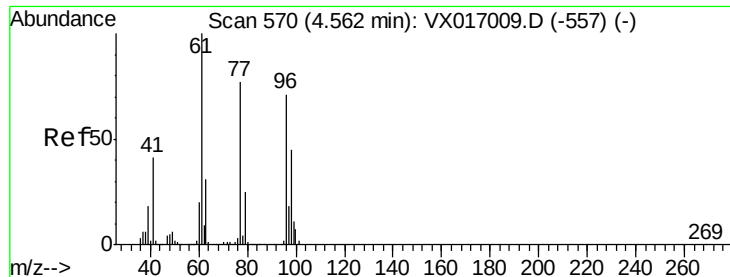
MMDadoda
7/2/2020 9:16:00 AM



#26
2,2-Dichloropropane
Concen: 18.495 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 77 Resp: 79866
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

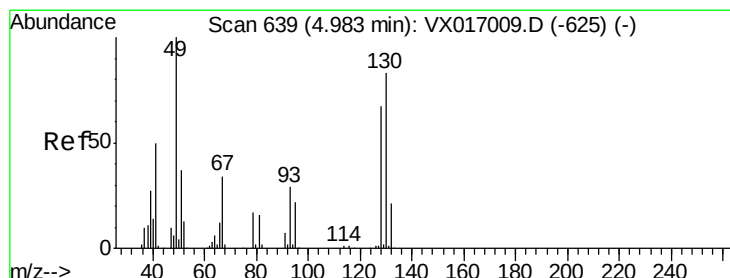
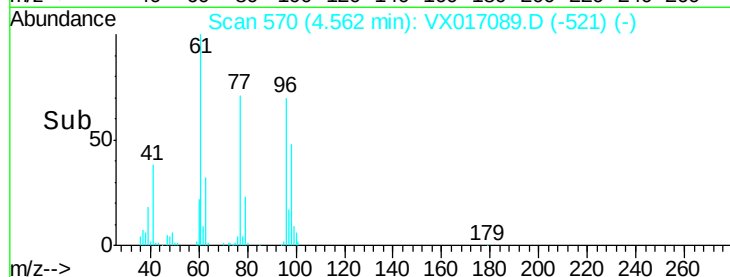
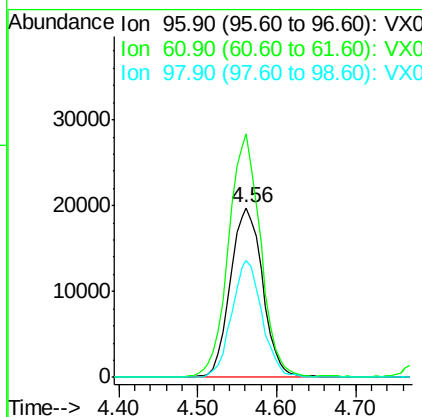
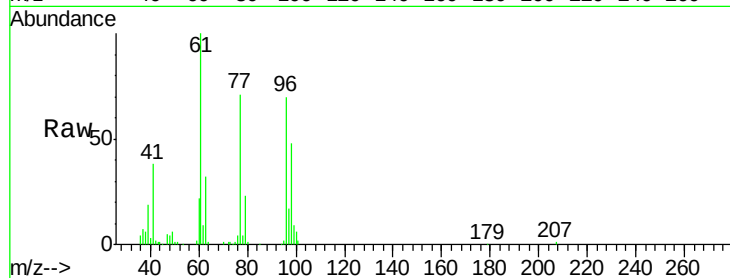
cis-1,2-Dichloroethene
Concen: 17.982 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	282.8
98	64.3	0.0	127.6

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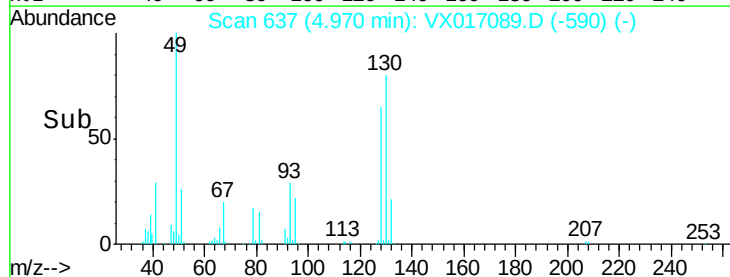
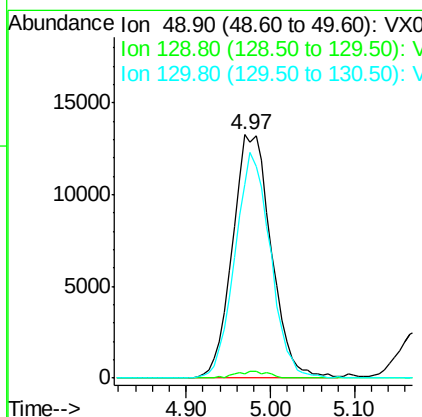
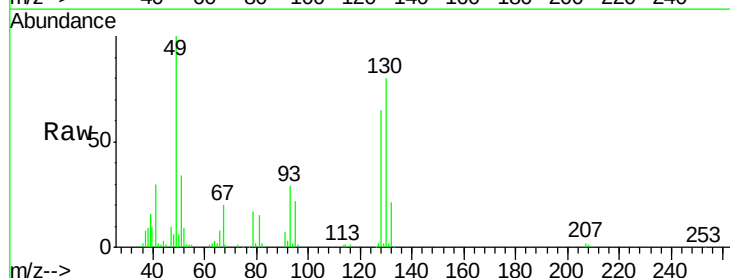
MMDadoda
7/2/2020 9:16:00 AM

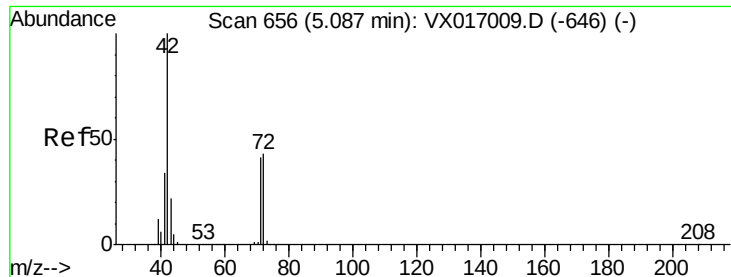


#28

Bromochloromethane
Concen: 17.508 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	84.5	66.6	100.0





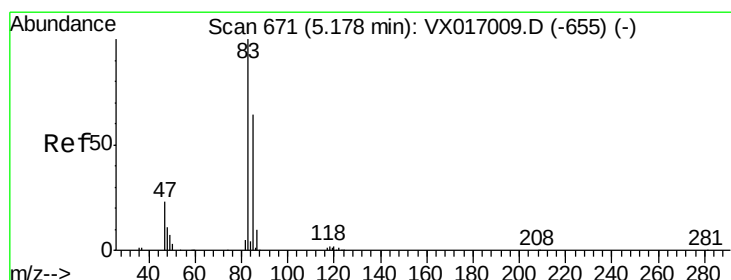
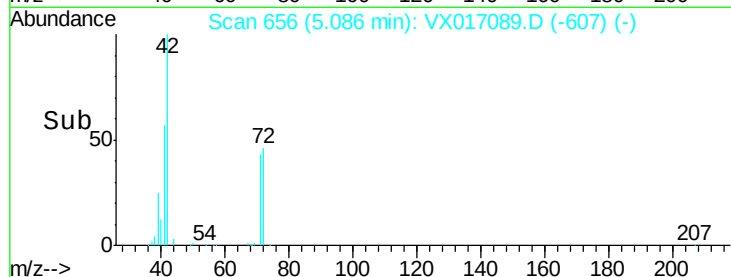
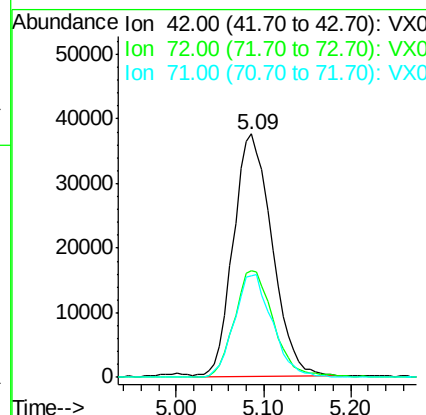
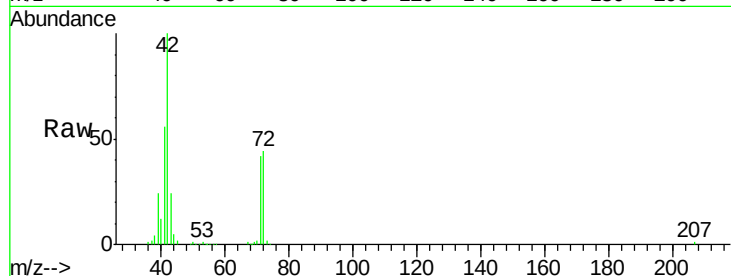
#29
Tetrahydrofuran
Concen: 90.073 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.3	52.9
71	41.7	33.1	49.7

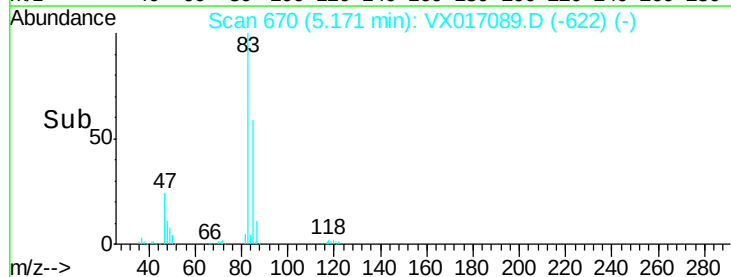
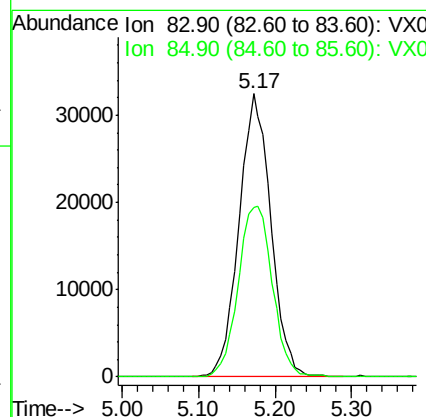
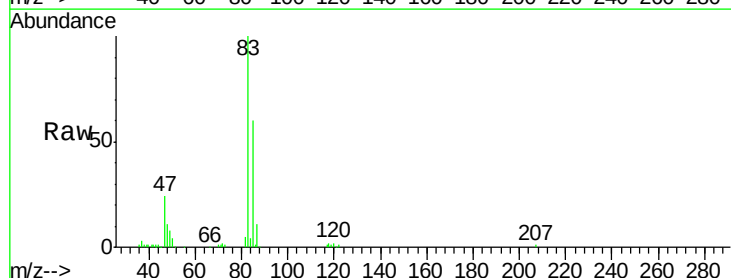
Manual Integrations
APPROVED

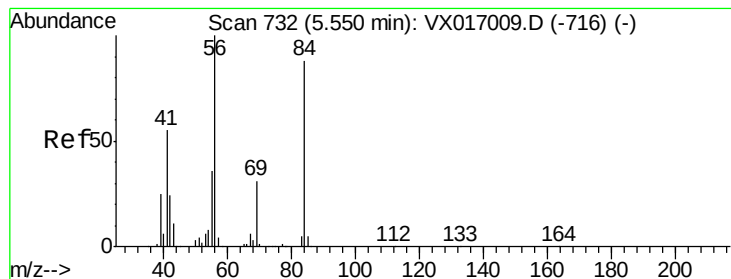
MMDadoda
7/2/2020 9:16:00 AM



#30
Chloroform
Concen: 18.836 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.9	51.4	77.2





#31

Cyclohexane

Concen: 18.379 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

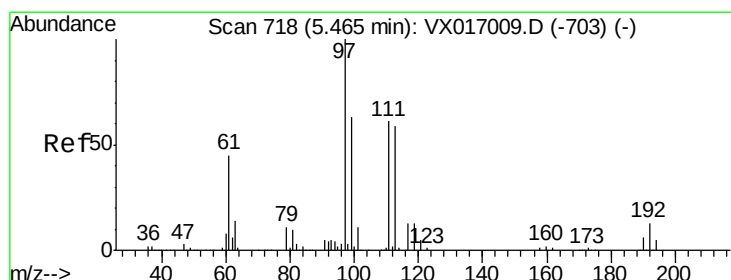
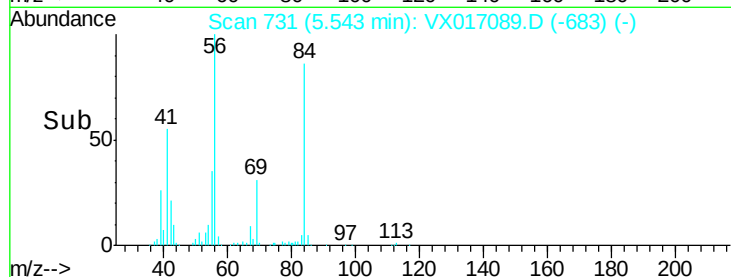
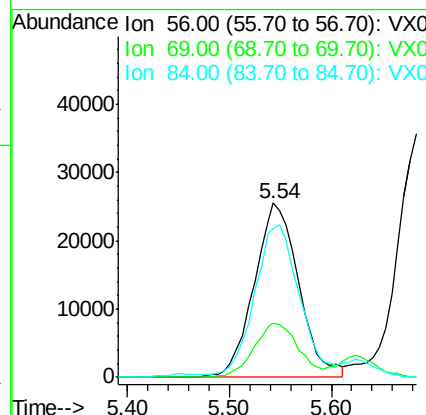
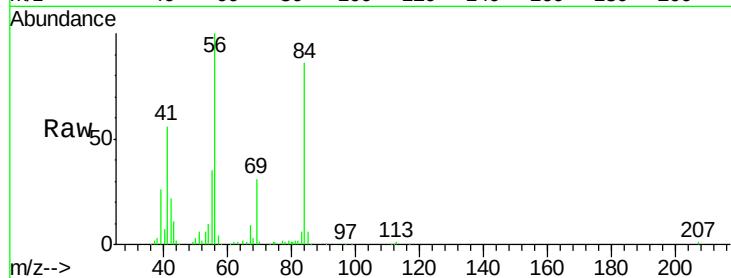
ClientSampleId :

VX0701WBSD01

Tot Ion:	56	Resp:	77262
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.4
84	83.6	69.1	103.7

Manual Integrations
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MMDadoda
7/2/2020 9:16:00 AM



#32

1,1,1-Trichloroethane

Concen: 18.770 ug/l

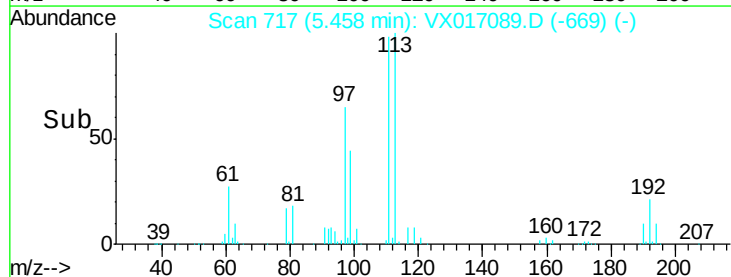
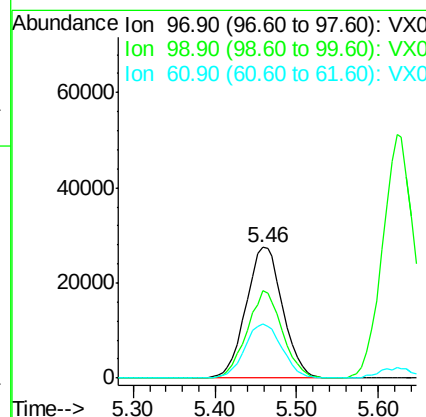
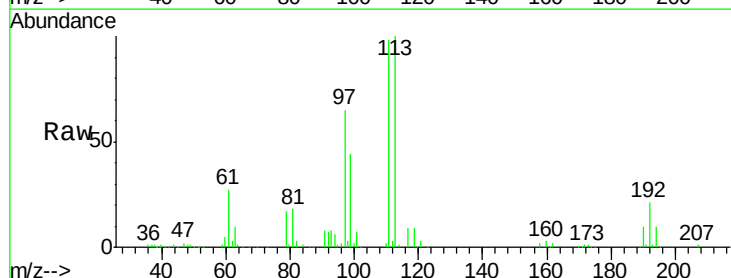
RT: 5.46 min Scan# 717

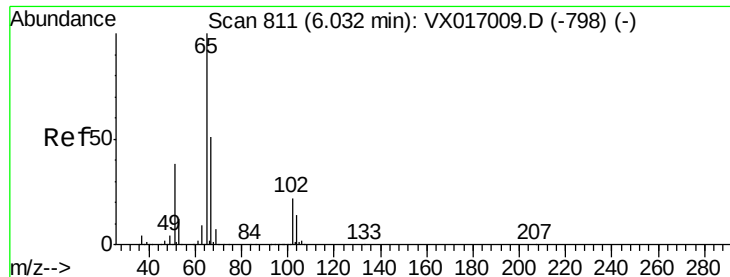
Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	97	Resp:	86180
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.8	76.2
61	41.8	33.7	50.5





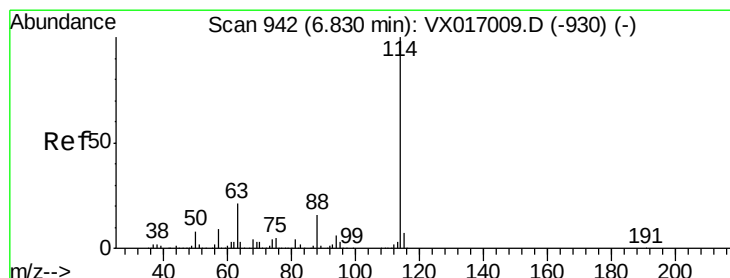
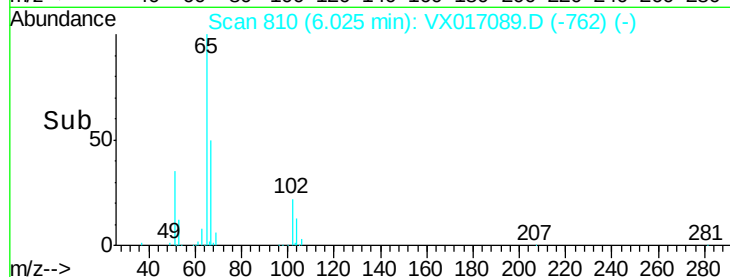
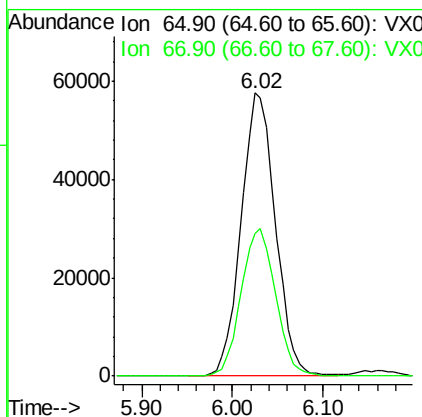
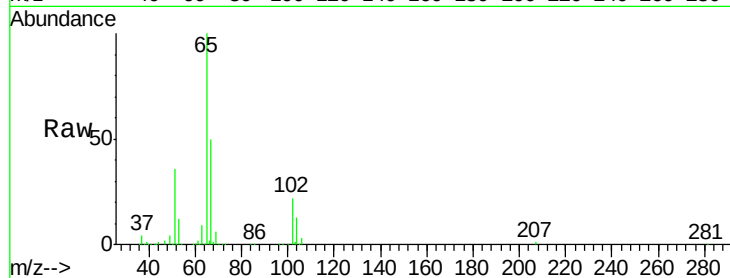
#33
 1,2-Dichloroethane-d4
 Concen: 48.436 ug/l
 RT: 6.02 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.8

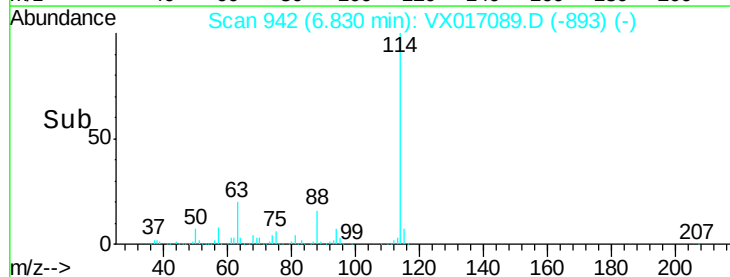
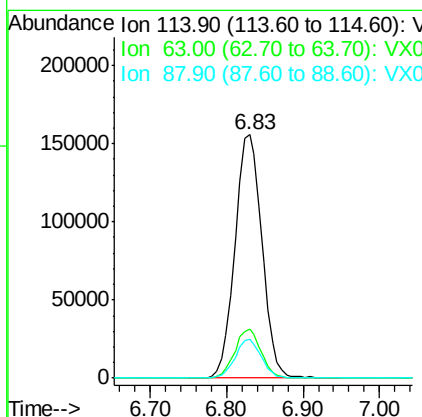
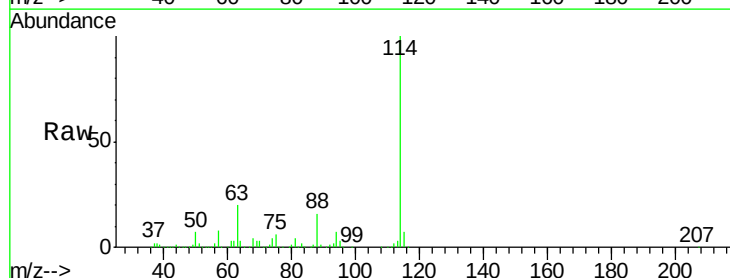
Manual Integrations
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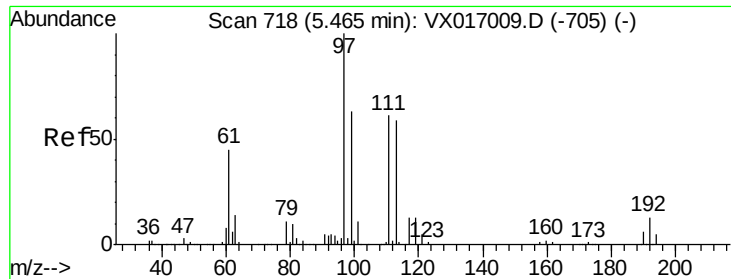
MMDadoda
 7/2/2020 9:16:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.4
88	15.9	0.0	32.4





#35

Dibromofluoromethane

Concen: 50.752 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

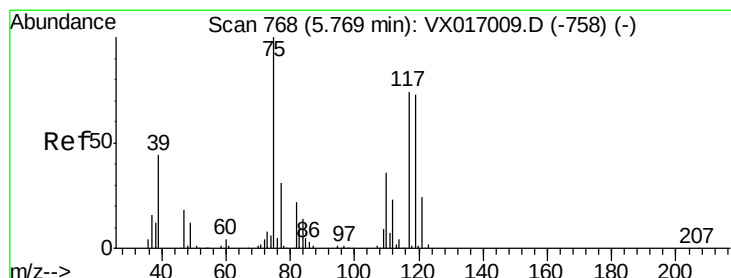
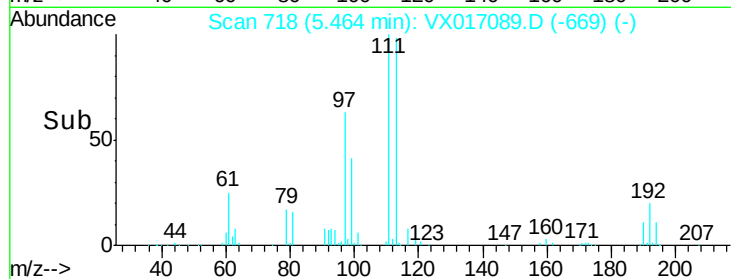
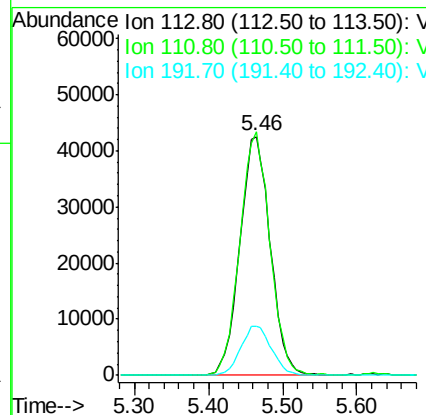
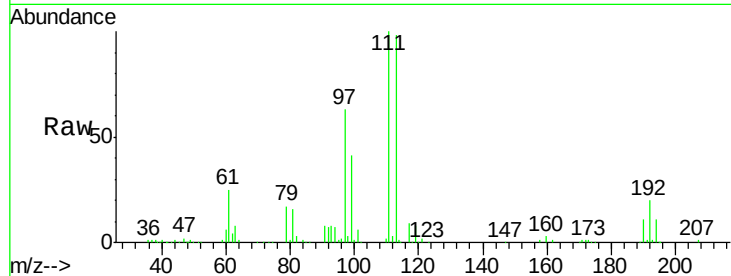
ClientSampleId :

VX0701WBSD01

Tot Ion:	113	Resp:	122268
Ion Ratio	Lower	Upper	
113	100		
111	100.5	81.9	122.9
192	21.0	16.7	25.1

Manual Integrations
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MMDadoda
7/2/2020 9:16:00 AM



#36

1,1-Dichloropropene

Concen: 18.685 ug/l

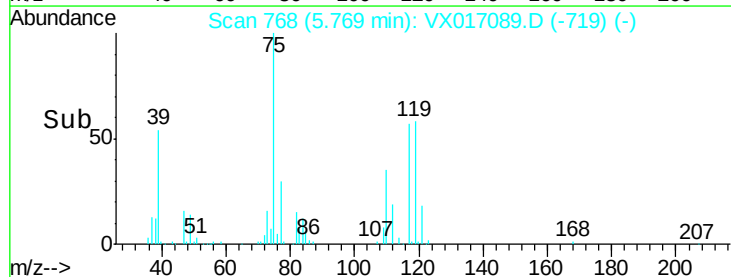
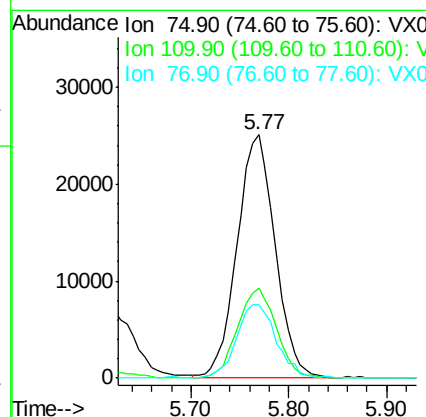
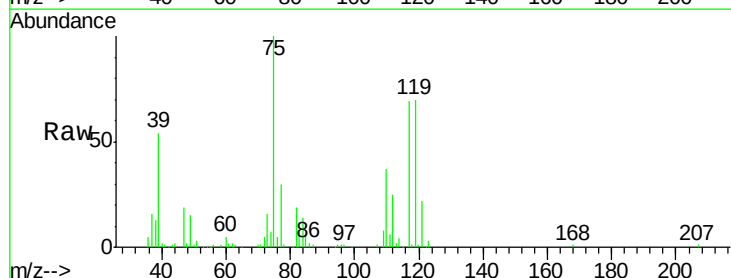
RT: 5.77 min Scan# 768

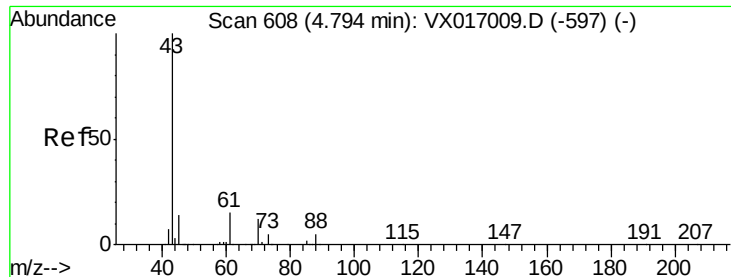
Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	75	Resp:	67257
Ion Ratio	Lower	Upper	
75	100		
110	38.1	18.1	54.1
77	31.8	24.6	37.0





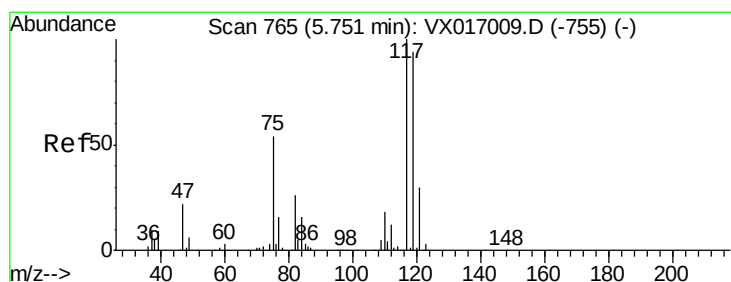
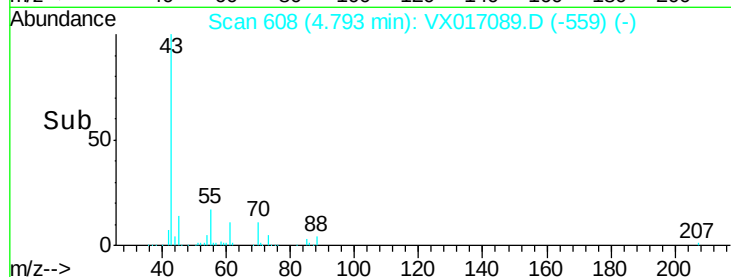
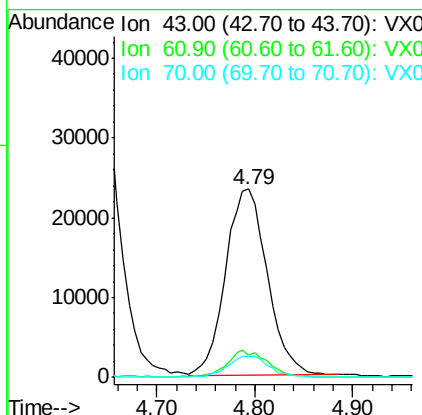
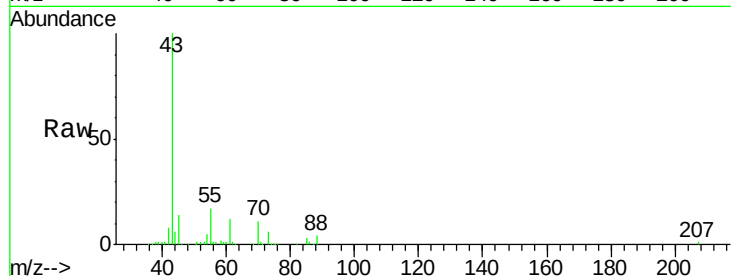
#37
Ethyl Acetate
Concen: 18.918 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	11.3	8.9	13.3

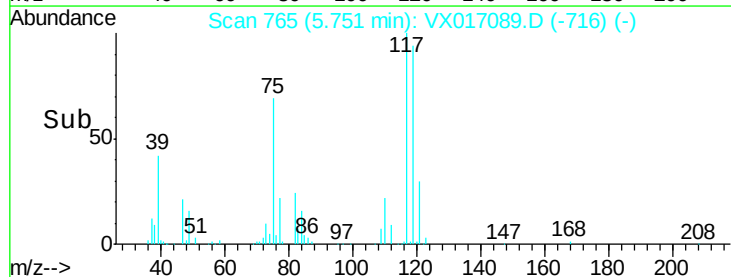
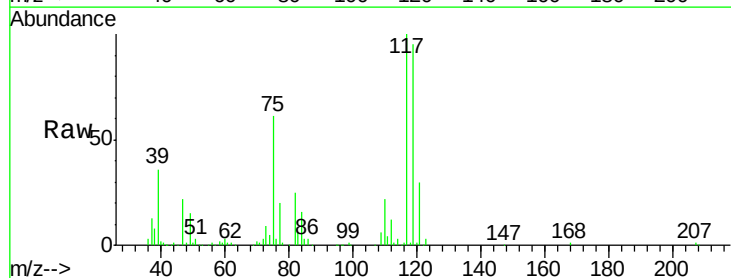
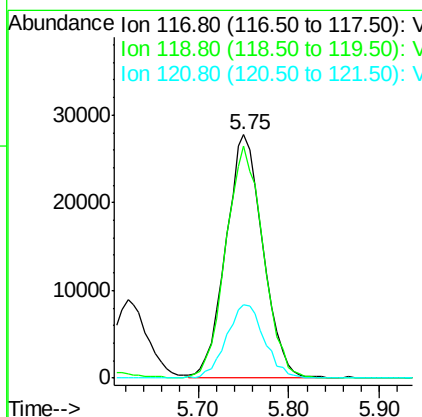
Manual Integrations
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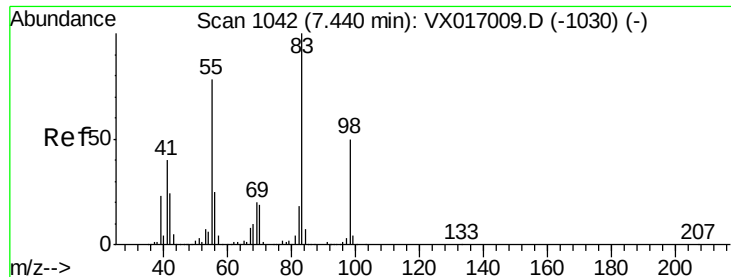
MMDadoda
7/2/2020 9:16:00 AM



#38
Carbon Tetrachloride
Concen: 19.885 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
121	30.0	23.8	35.6





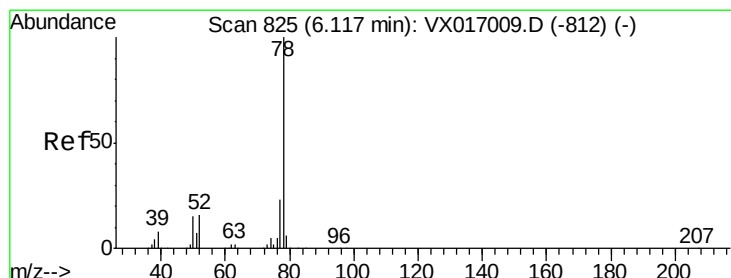
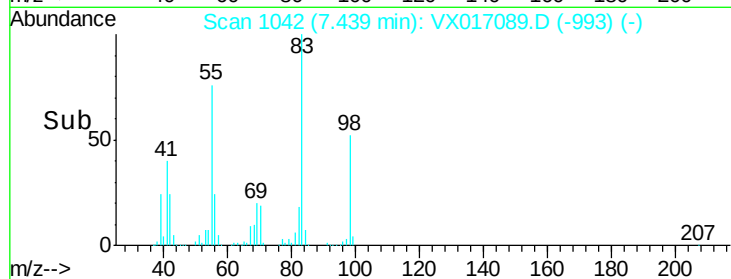
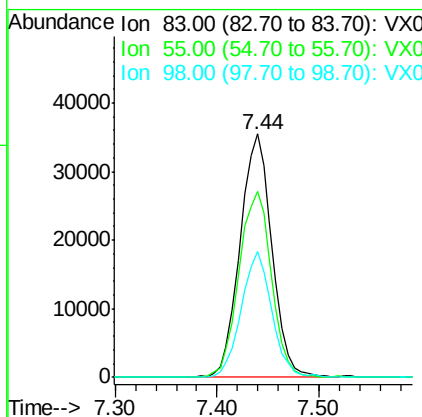
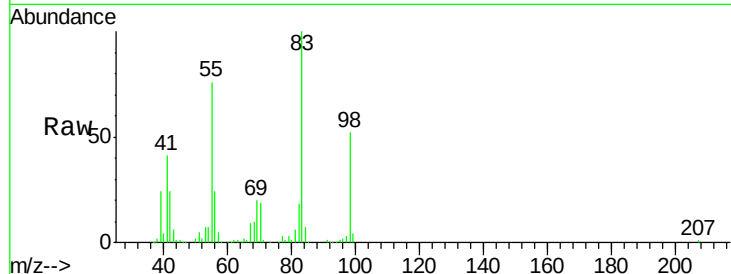
#39
Methylvlcyclohexane
Concen: 19.177 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	83	Resp	76800
Ion Ratio	100	Lower	Upper
83	100		
55	76.0	62.5	93.7
98	51.8	40.1	60.1

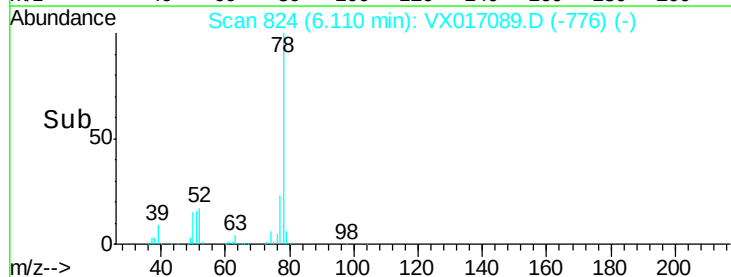
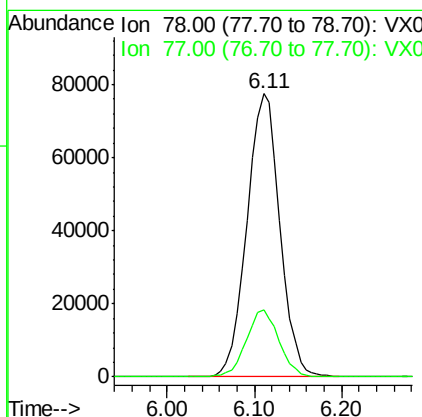
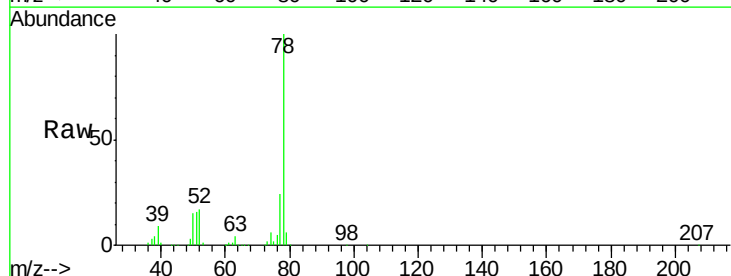
Manual Integrations
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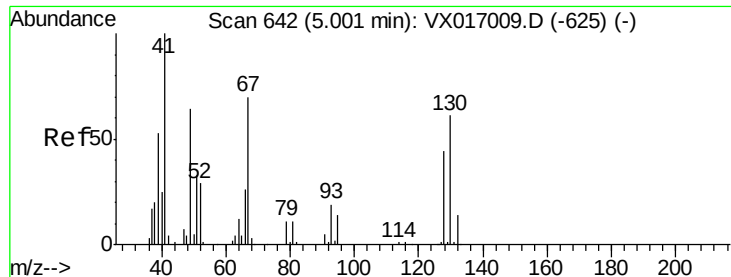
MMDadoda
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#40
Benzene
Concen: 19.089 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	78	Resp	201887
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.3	27.5





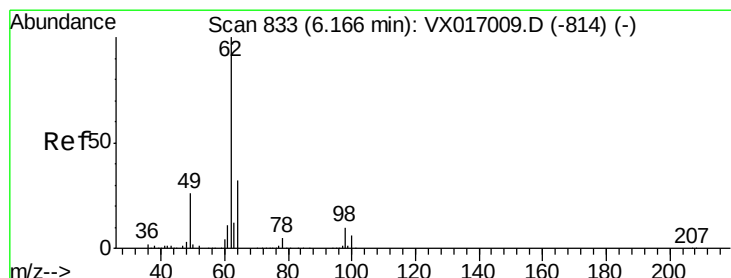
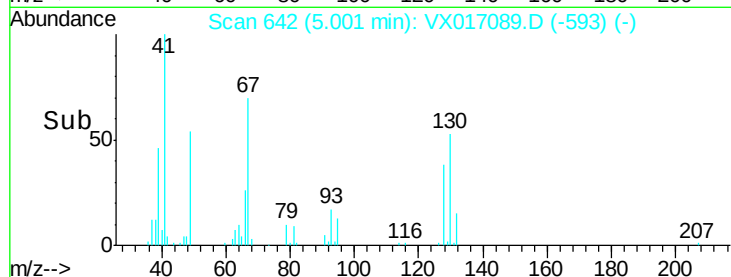
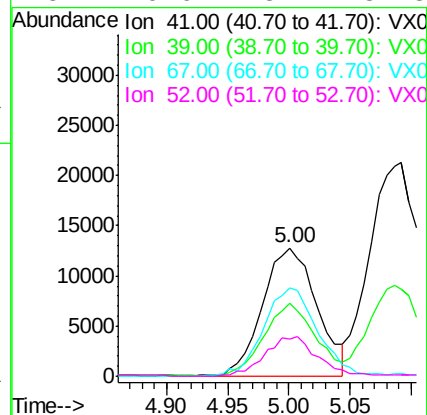
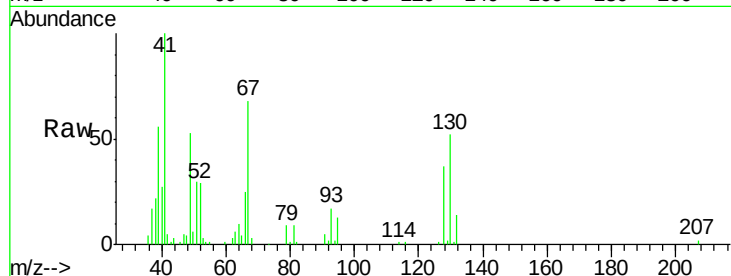
#41
Methacrylonitrile
Concen: 19.360 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
39795	41	100		
	39	53.8	44.4	66.6
	67	68.7	57.1	85.7
	52	29.6	23.2	34.8

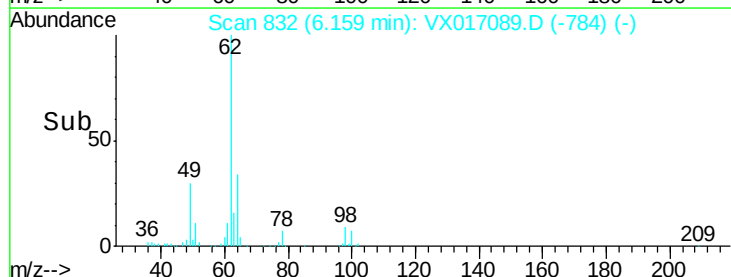
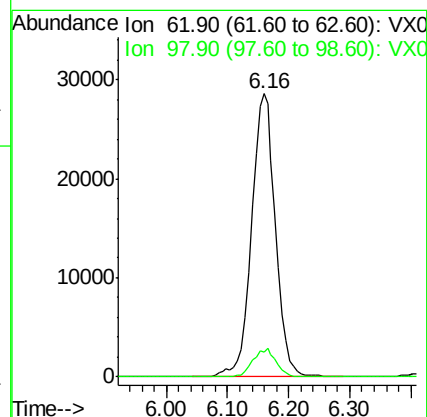
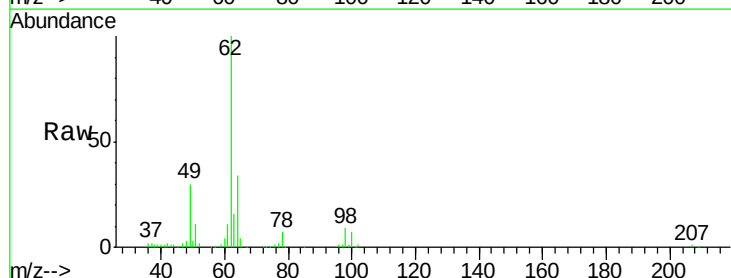
Manual Integrations
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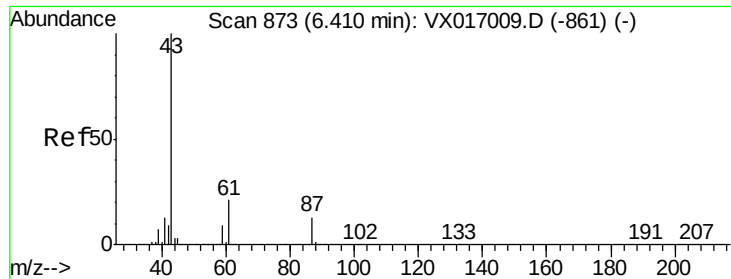
MMDadoda
7/2/2020 9:16:00 AM



#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
77850	62	100		
	98	9.6	0.0	19.2





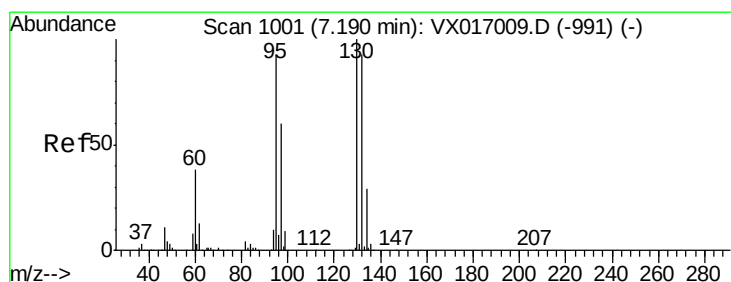
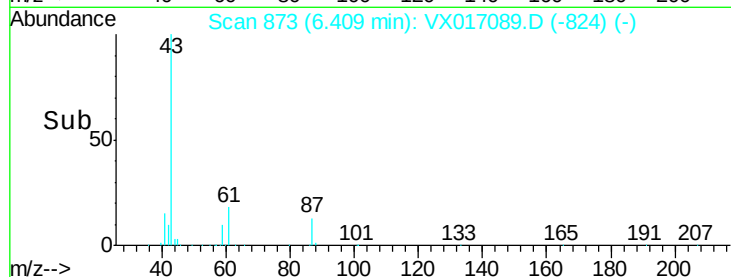
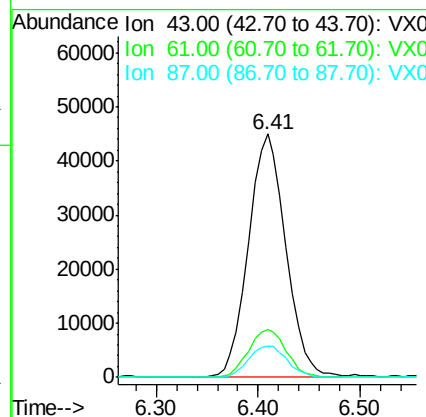
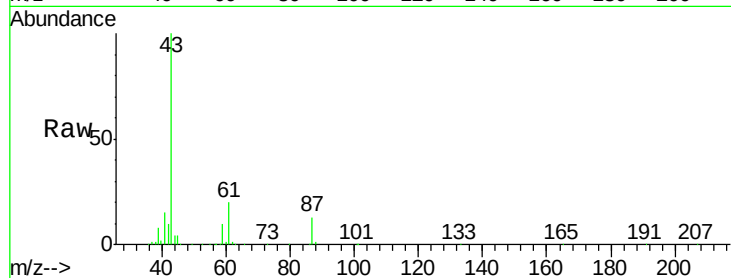
#43
Isopropyl Acetate
Concen: 18.793 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.5	10.7	16.1

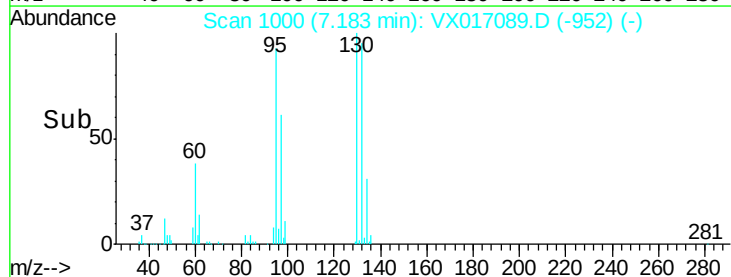
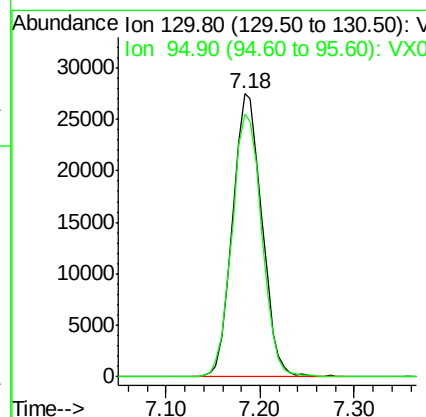
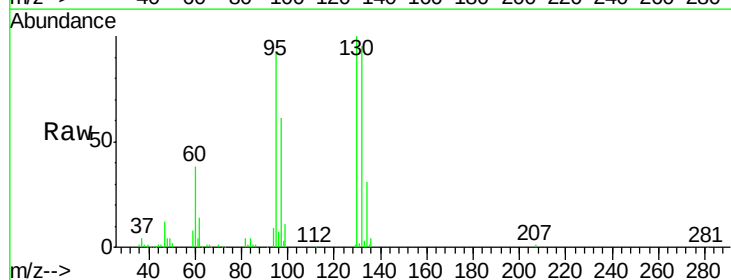
Manual Integrations
APPROVED

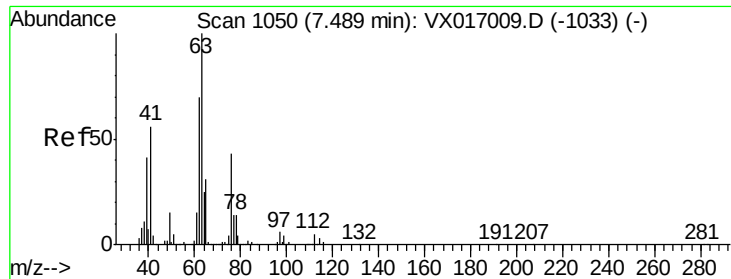
MMDadoda
7/2/2020 9:16:00 AM



#44
Trichloroethene
Concen: 20.218 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.0





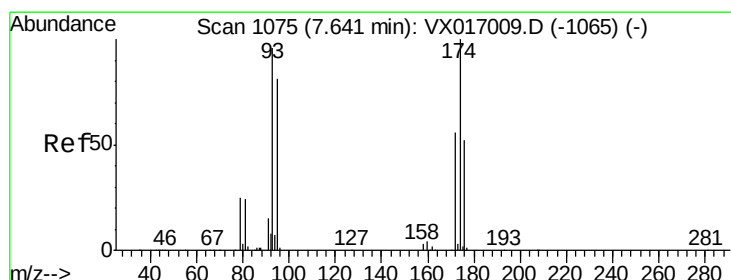
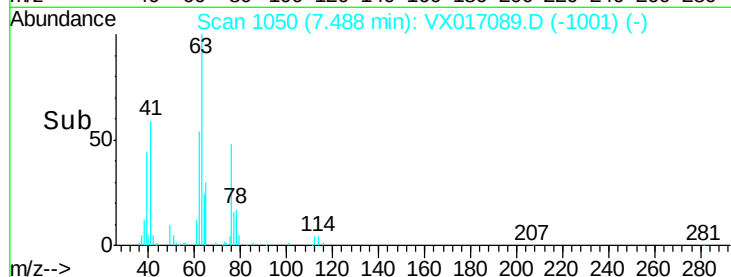
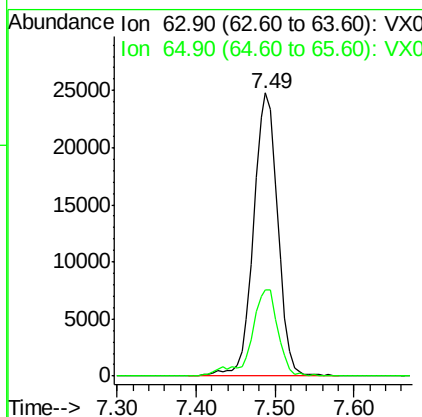
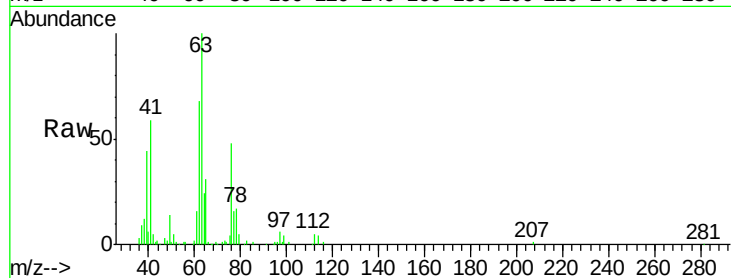
#45
 1,2-Dichloropropane
 Concen: 19.480 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	36.8

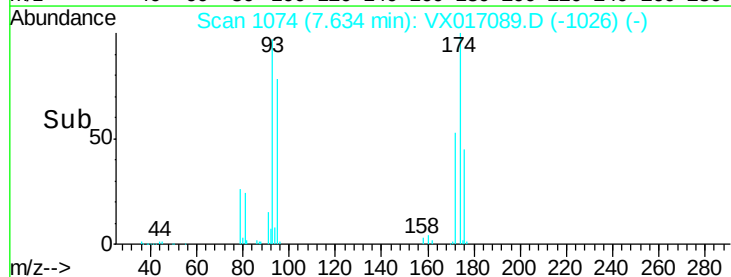
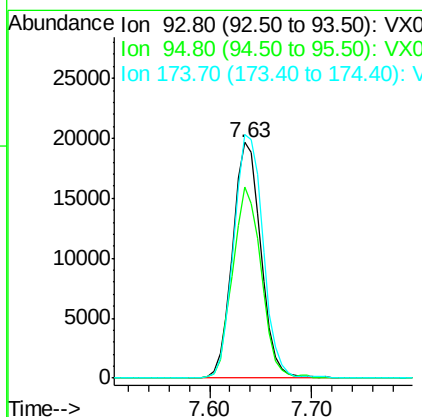
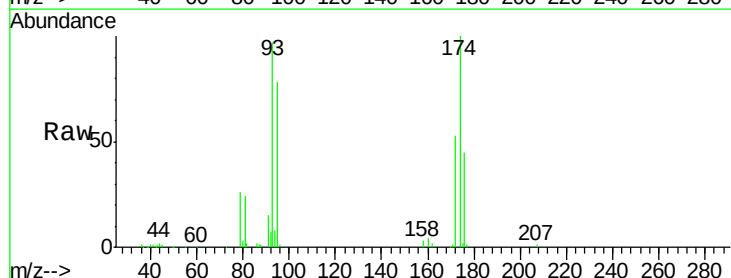
Manual Integrations
 APPROVED

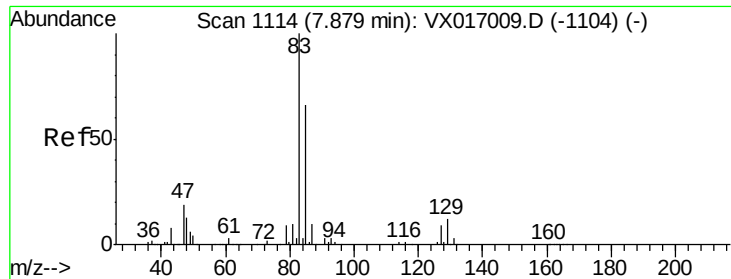
MMDadoda
 7/2/2020 9:16:00 AM



#46
 Dibromomethane
 Concen: 20.231 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.4	101.0
174	107.8	84.3	126.5





#47

Bromodichloromethane

Concen: 19.726 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

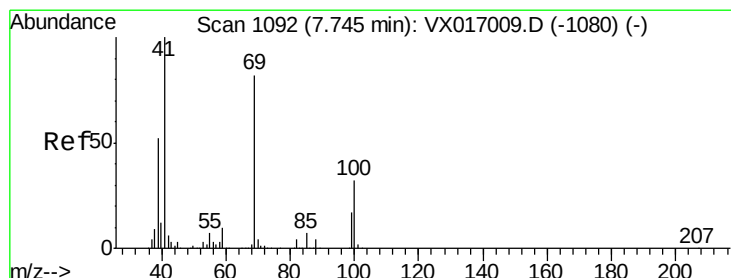
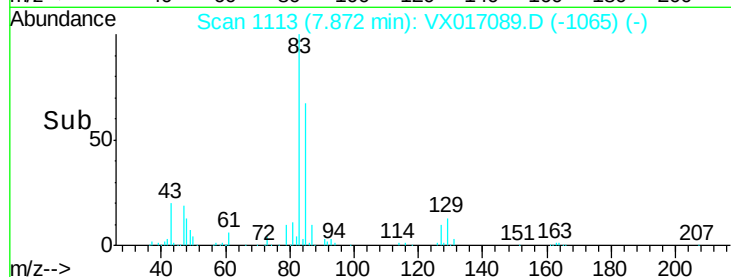
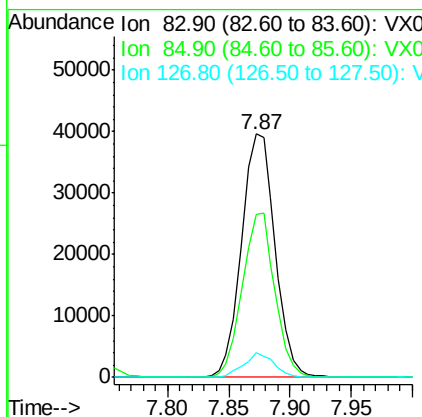
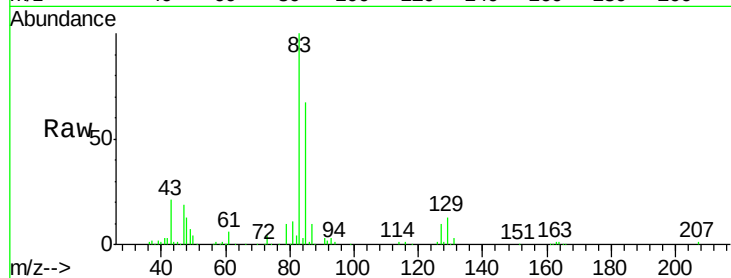
ClientSampled :

VX0701WBSD01

Tot Ion:	83	Resp:	75388
Ion	Ratio	Lower	Upper
83	100		
85	66.9	53.0	79.4
127	9.9	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:16:00 AM



#48

Methyl methacrylate

Concen: 19.399 ug/l

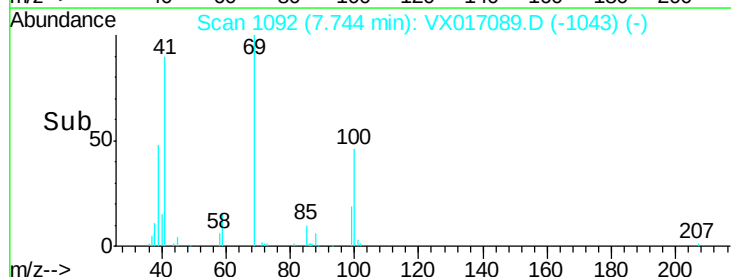
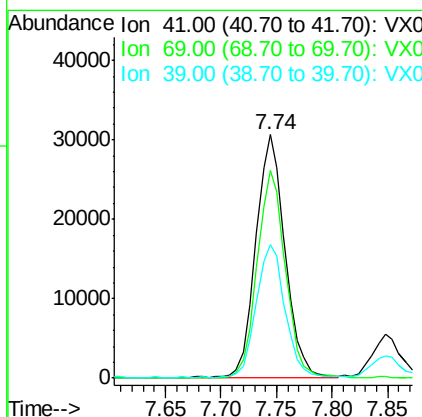
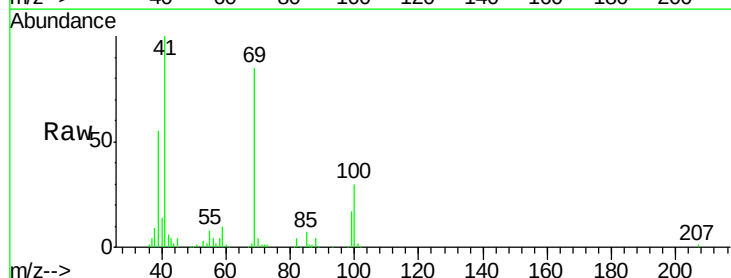
RT: 7.74 min Scan# 1092

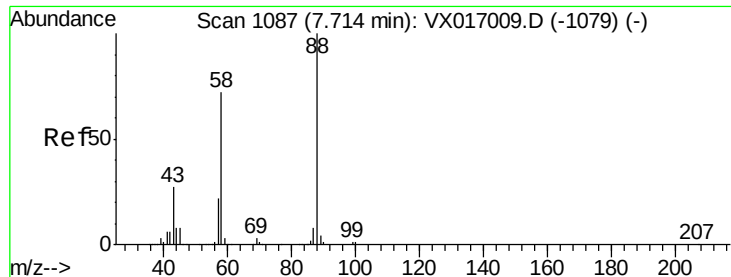
Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	41	Resp:	55931
Ion	Ratio	Lower	Upper
41	100		
69	82.9	65.8	98.8
39	54.0	42.5	63.7





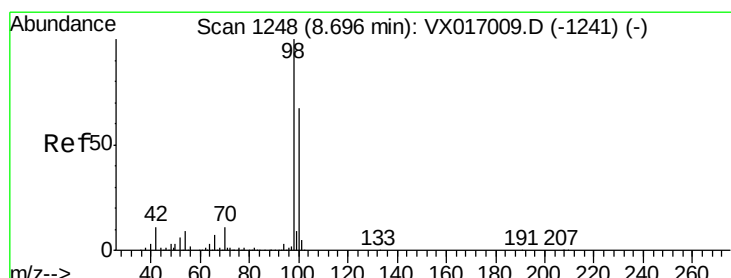
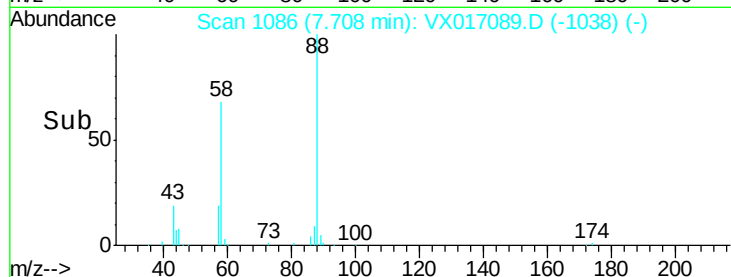
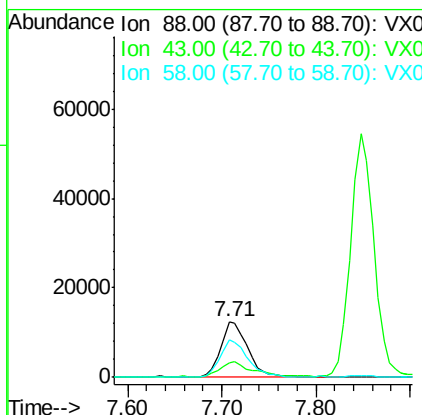
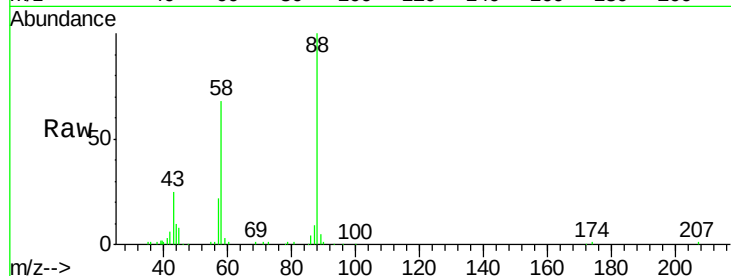
#49
1,4-Dioxane
Concen: 376.894 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.8	38.8
58	70.5	54.8	82.2

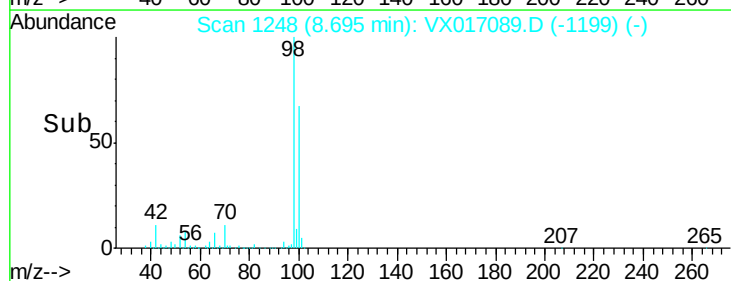
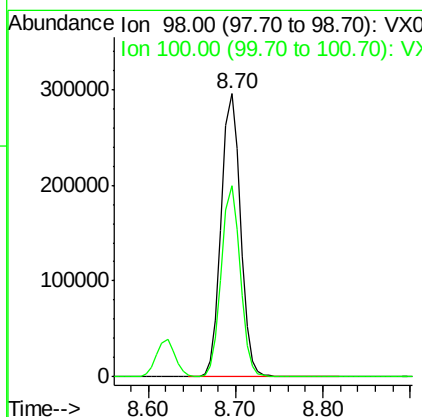
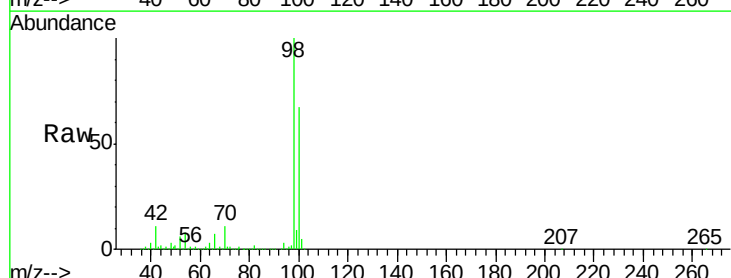
Manual Integrations
APPROVED

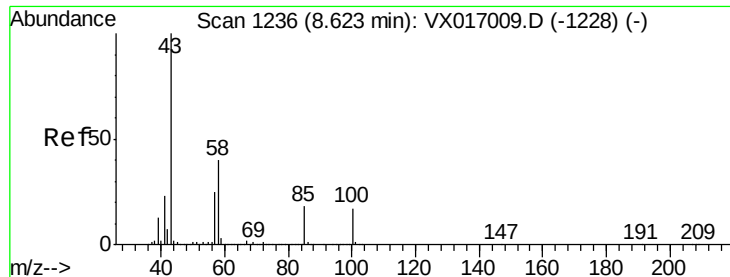
MMDadoda
7/2/2020 9:16:00 AM



#50
Toluene-d8
Concen: 50.783 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.8	80.6





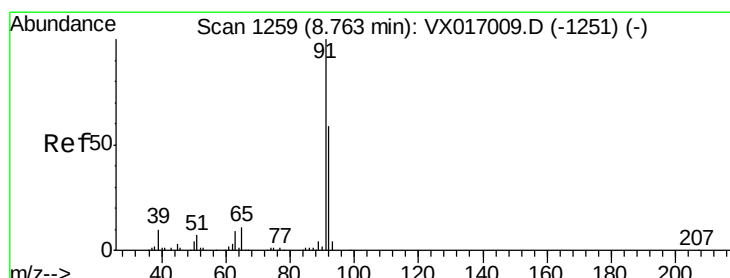
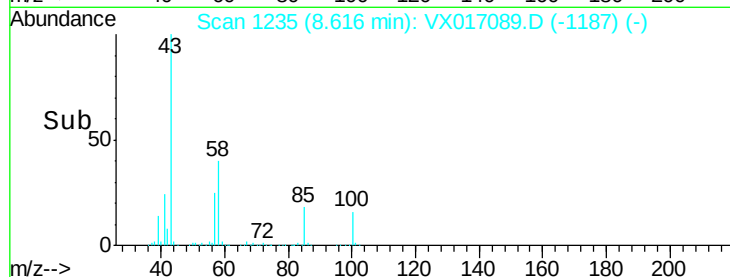
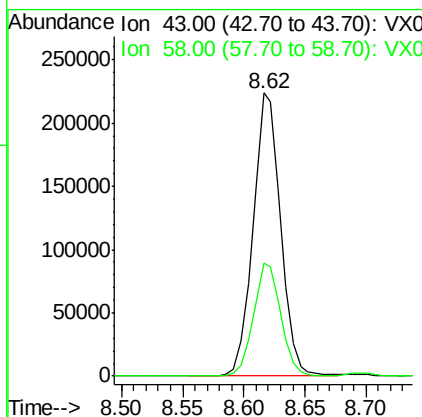
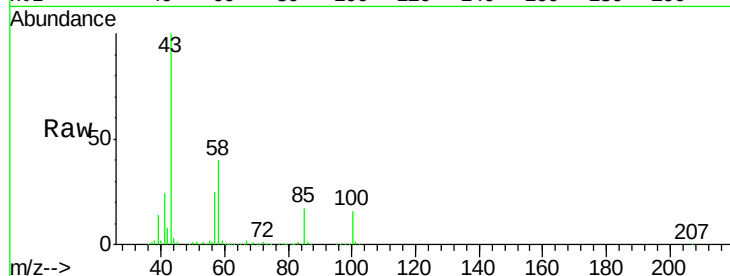
#51
 4-Methyl-2-Pentanone
 Concen: 96.831 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.9	47.9

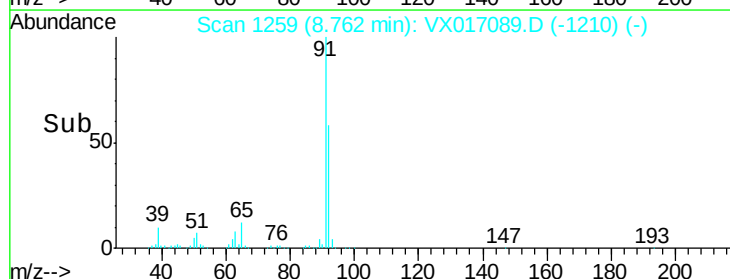
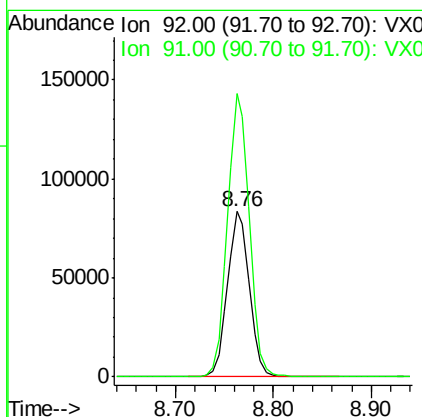
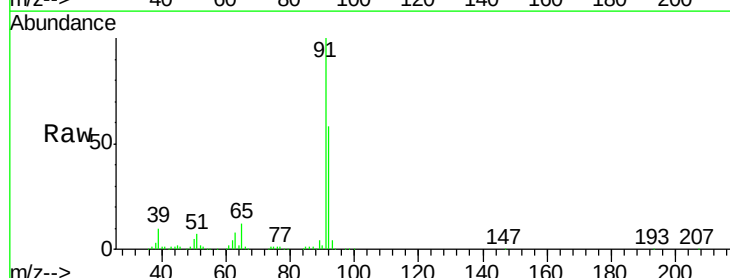
Manual Integrations
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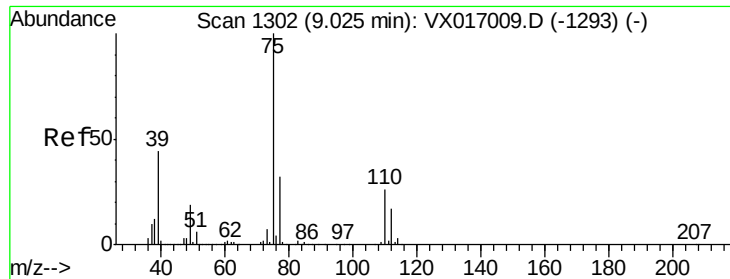
MMDadoda
 7/2/2020 9:16:00 AM



#52
 Toluene
 Concen: 19.567 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	136.9	205.3





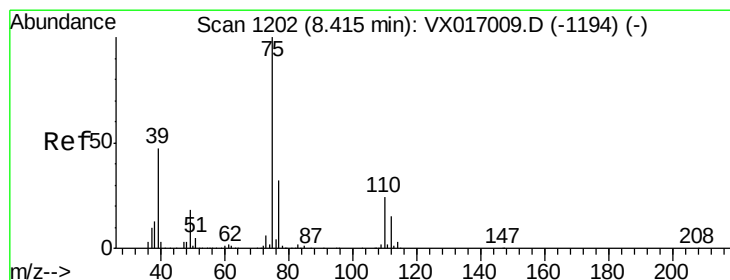
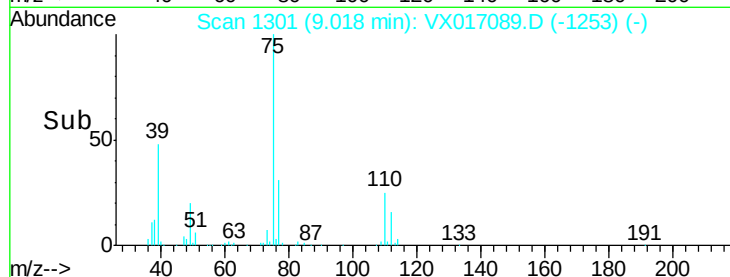
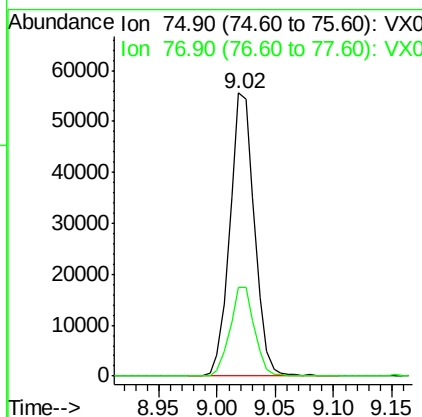
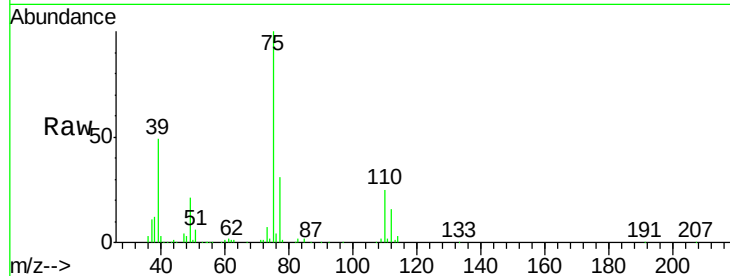
#53
t-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion: 75 Resp: 81717
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

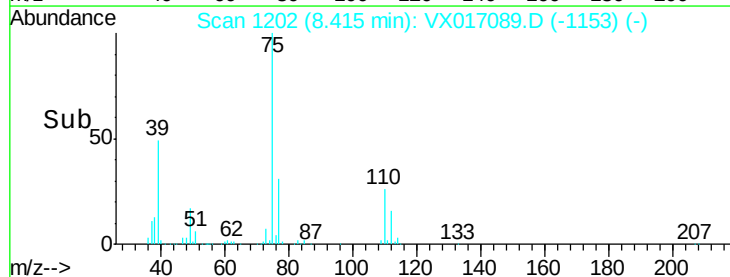
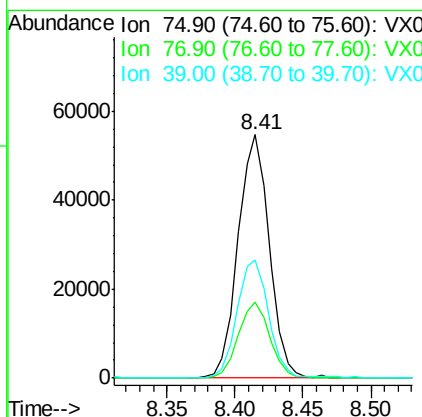
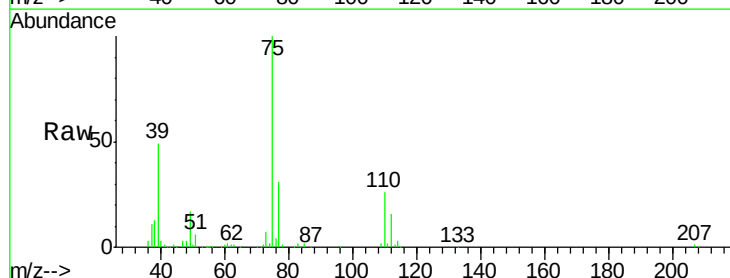
Manual Integrations
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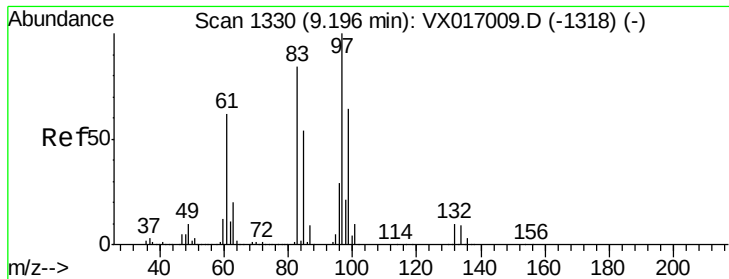
MMDadoda
7/2/2020 9:16:00 AM



#54
cis-1,3-Dichloropropene
Concen: 19.406 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion: 75 Resp: 87719
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 48.4 37.4 56.2





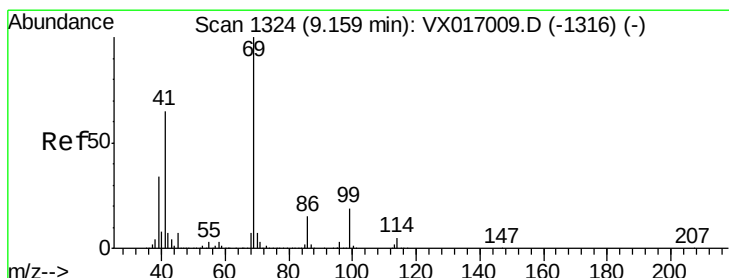
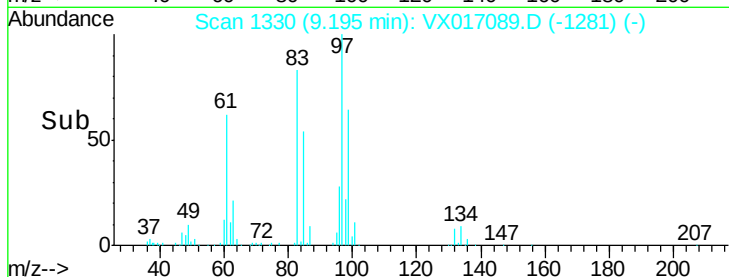
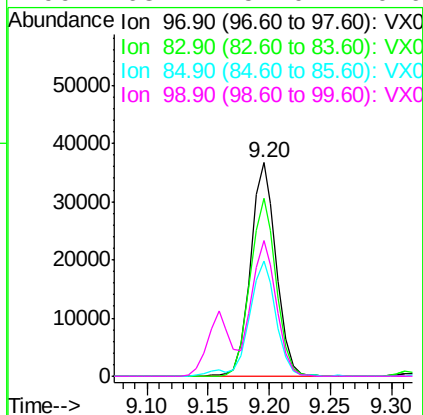
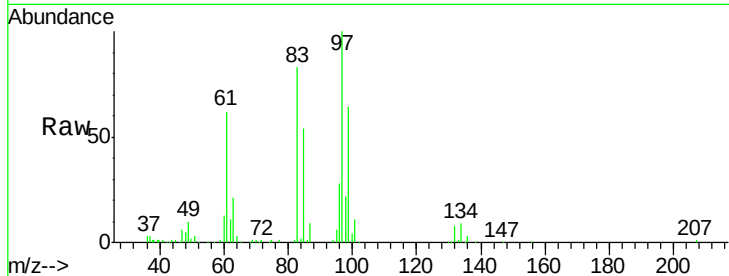
#55
 1,1,2-Trichloroethane
 Concen: 19.869 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion:	97	Resp:	53603
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.0	100.6
85	53.4	43.5	65.3
99	63.7	51.0	76.6

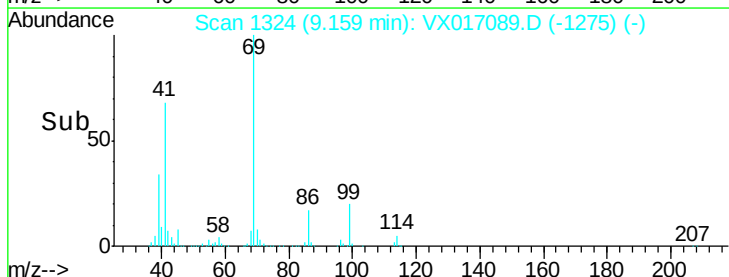
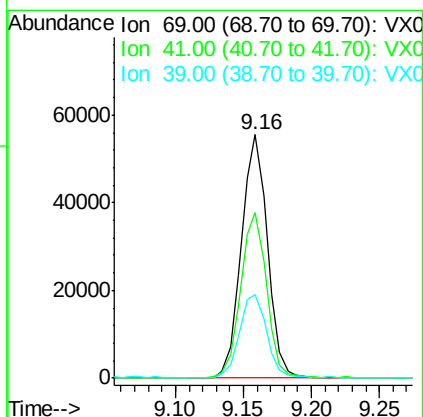
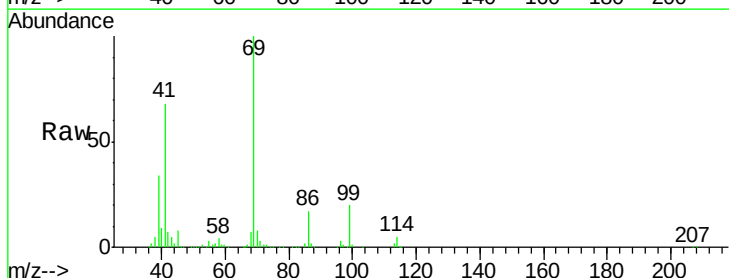
Manual Integrations
 APPROVED

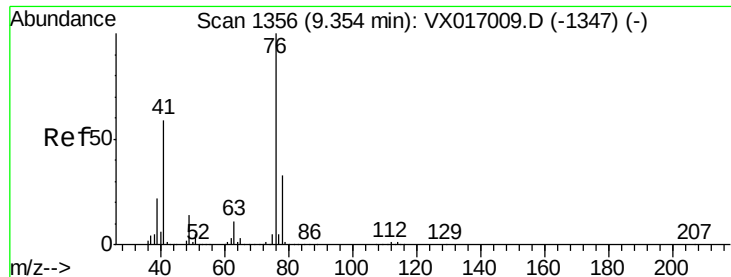
MMDadoda
 7/2/2020 9:16:00 AM



#56
 Ethyl methacrylate
 Concen: 19.357 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion:	69	Resp:	74327
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.6	80.4
39	35.6	28.2	42.2





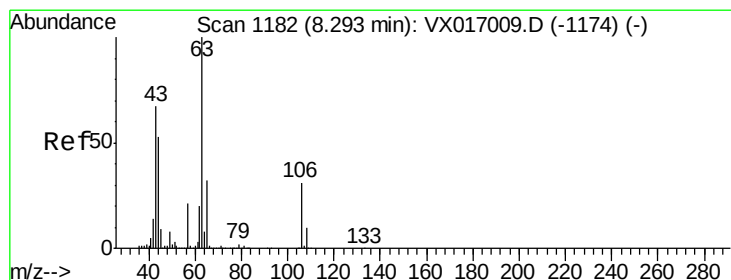
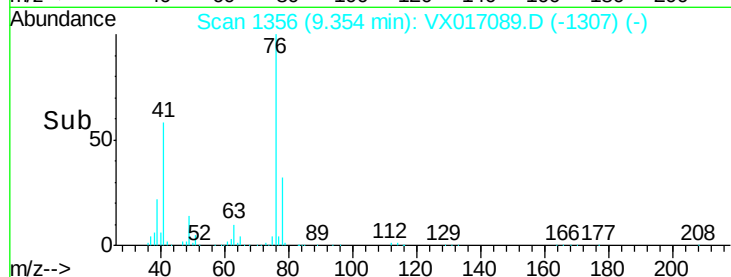
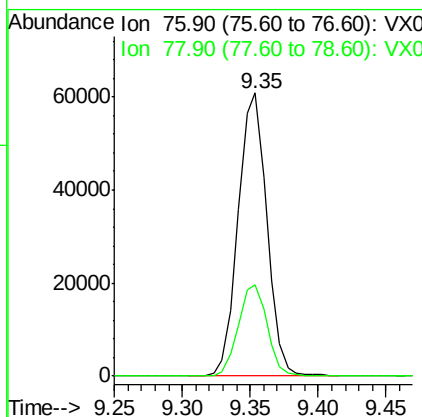
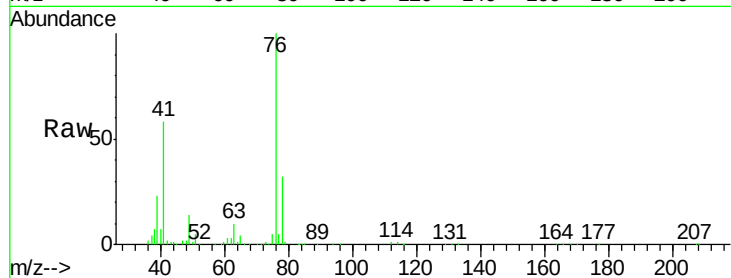
#57
 1,3-Dichloropropane
 Concen: 19.636 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

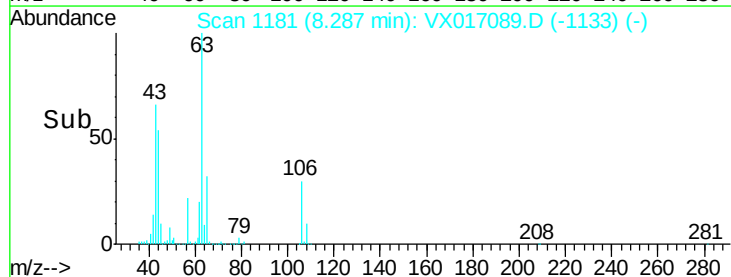
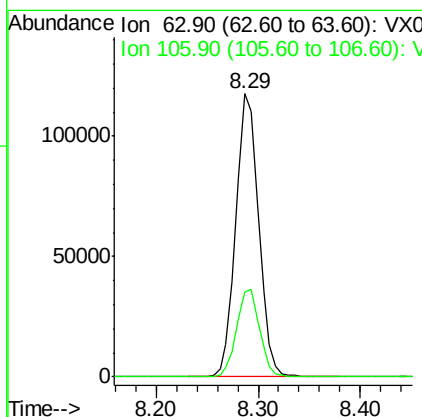
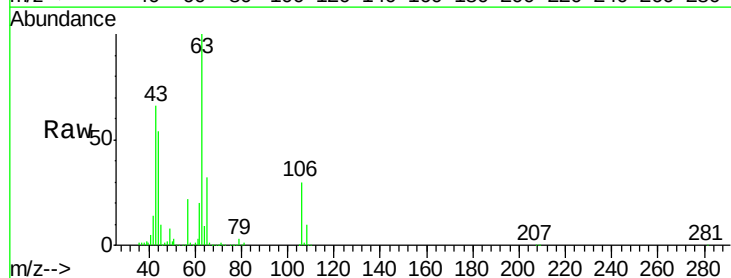
Manual Integrations
 APPROVED

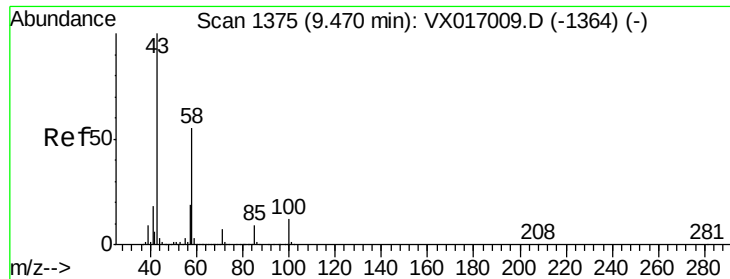
MMDadoda
 7/2/2020 9:16:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.193 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.0	36.0





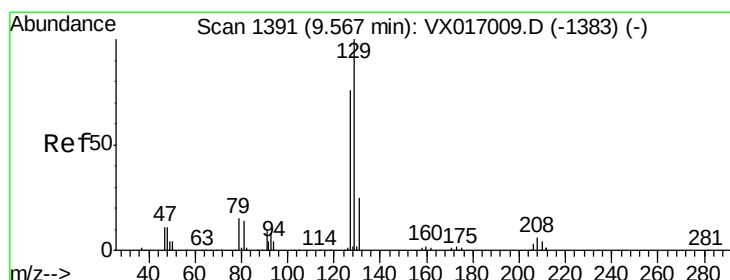
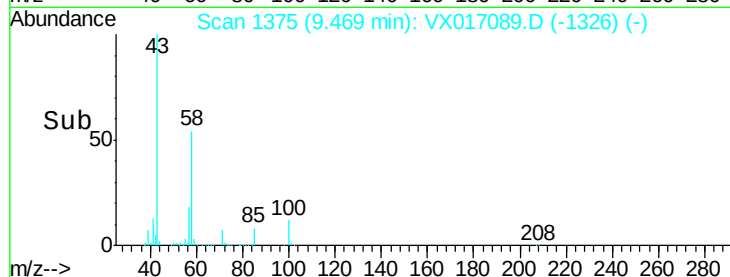
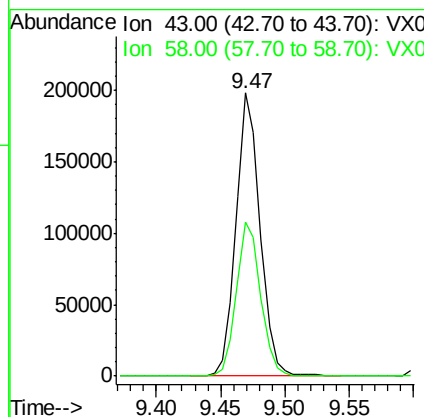
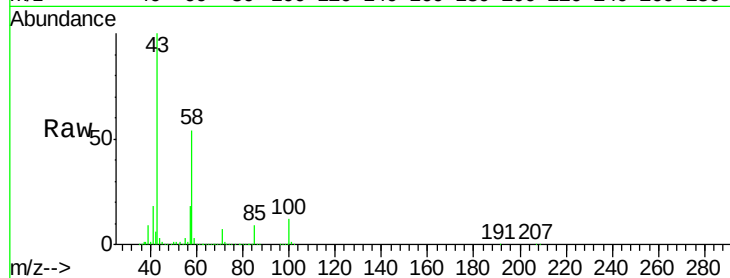
#59
2-Hexanone
Concen: 97.662 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.9	83.6

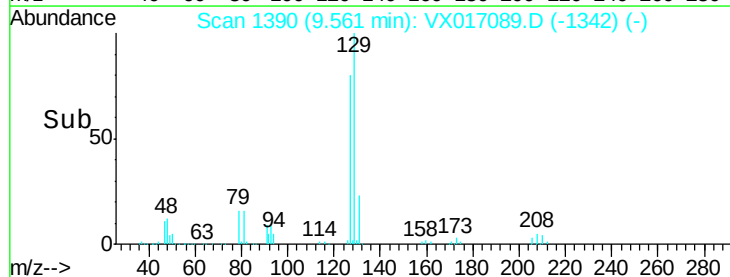
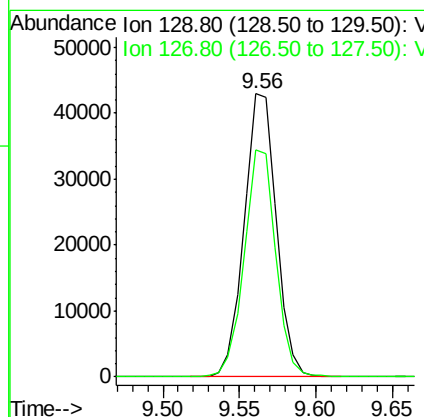
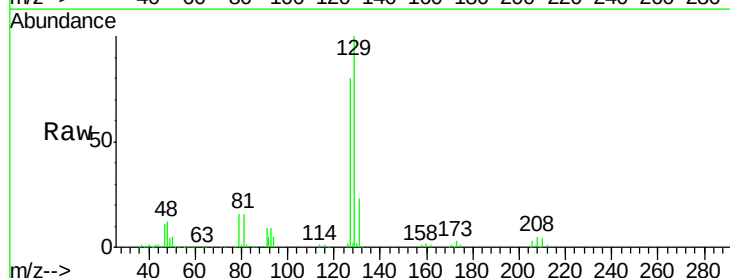
Manual Integrations
APPROVED

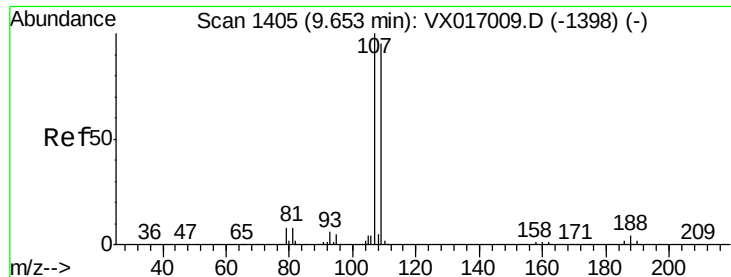
MMDadoda
7/2/2020 9:16:00 AM



#60
Dibromochloromethane
Concen: 19.979 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.7





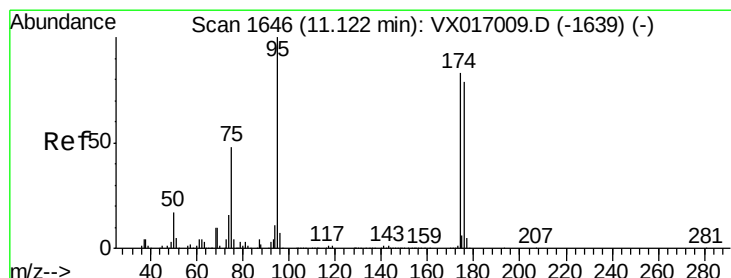
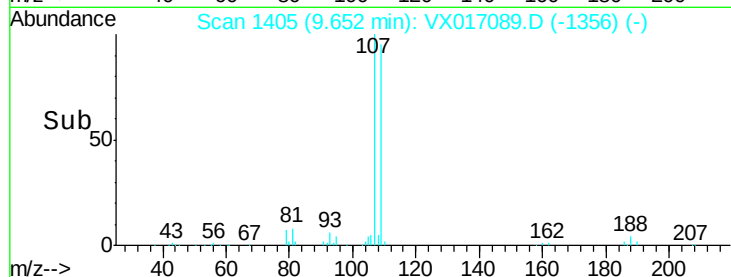
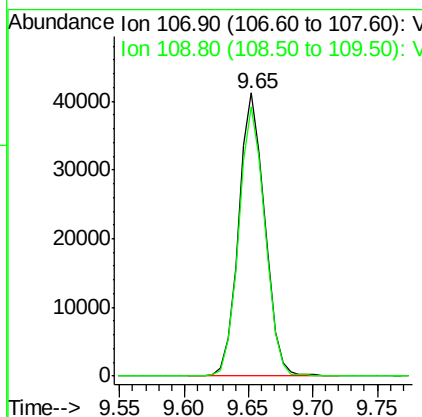
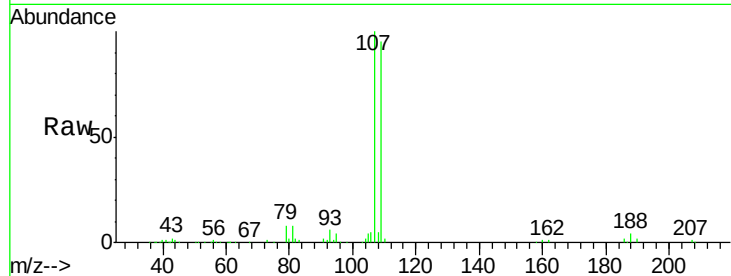
#61
 1,2-Dibromoethane
 Concen: 19.906 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion: 107 Resp: 57723
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.8

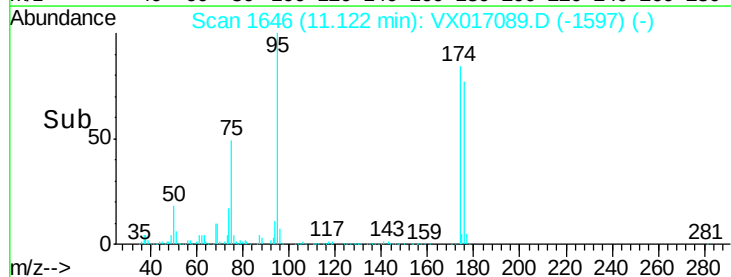
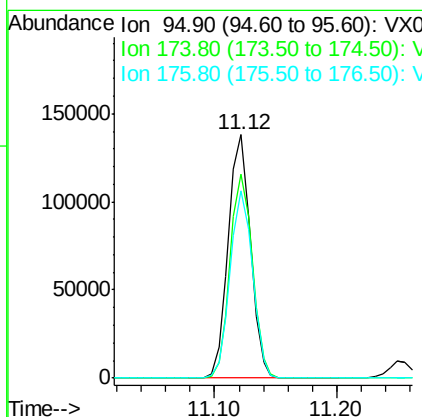
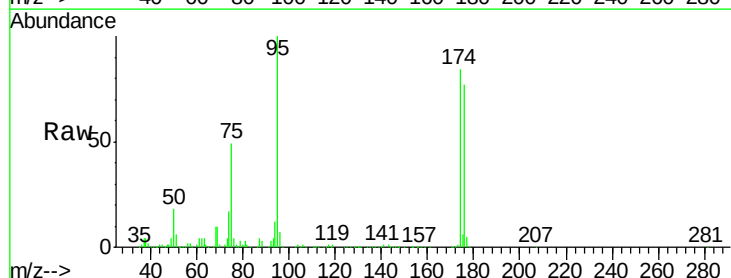
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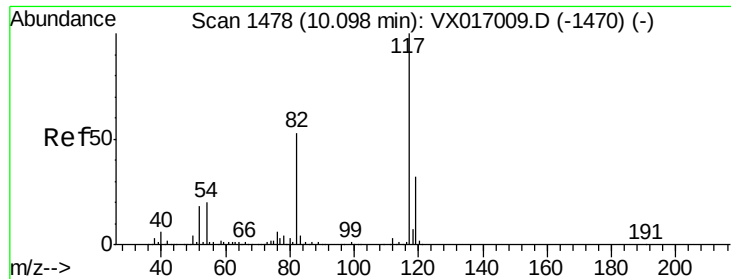
MMDadoda
 7/2/2020 9:16:00 AM



#62
 4-Bromofluorobenzene
 Concen: 49.764 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 95 Resp: 173301
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 164.0
 176 77.9 0.0 157.6





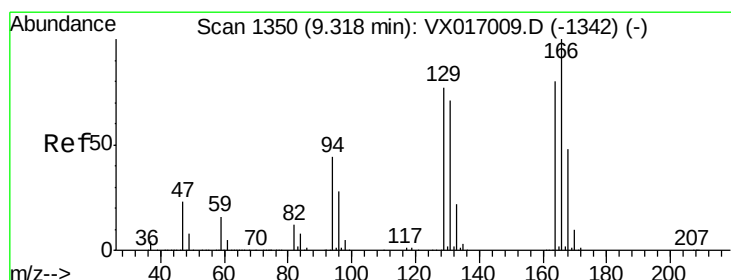
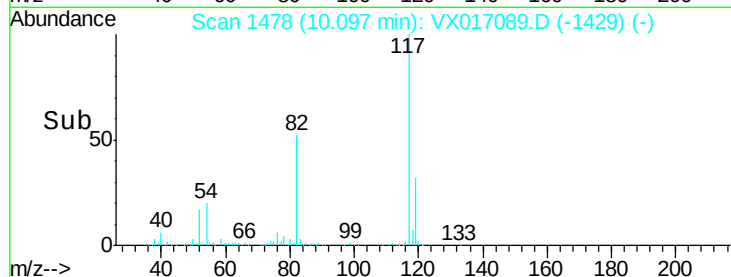
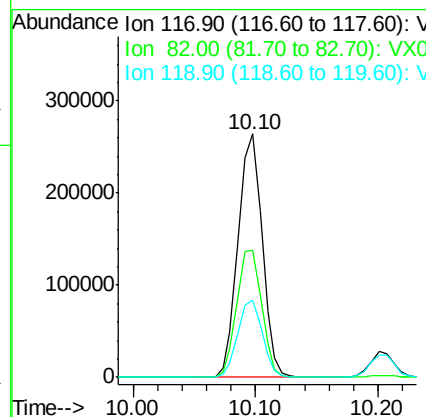
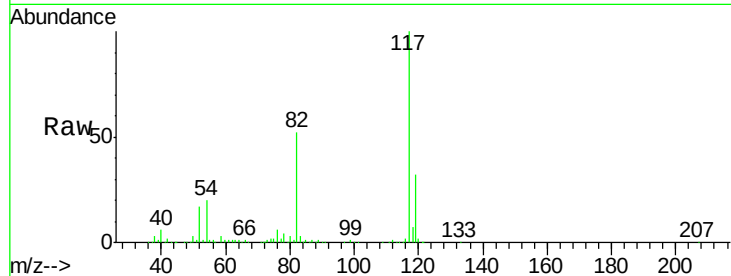
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0701WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360178		
82	52.3		42.6	63.8
119	31.9		25.4	38.2

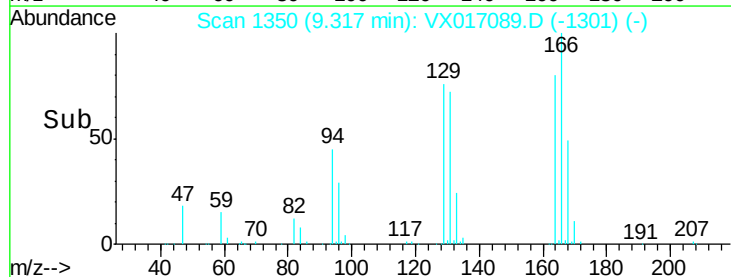
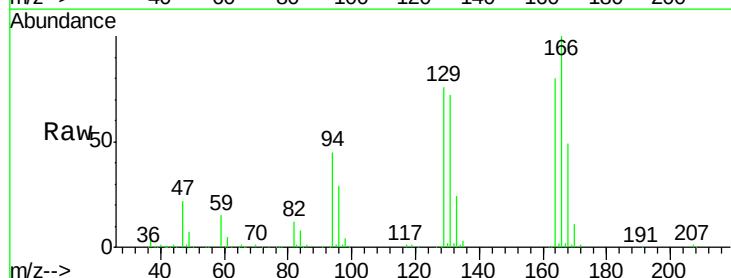
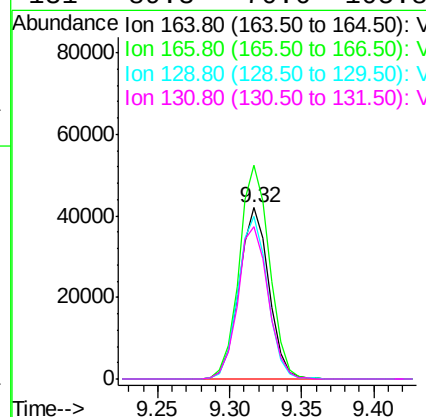
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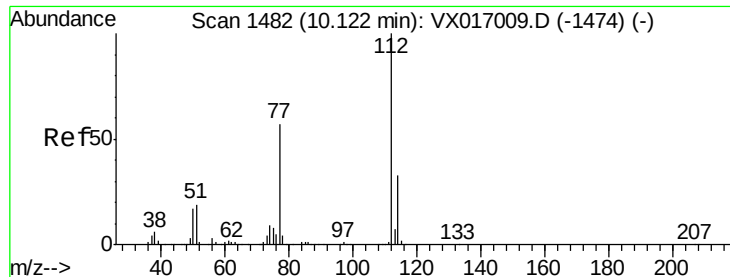
MMDadoda
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#64
Tetrachloroethene
Concen: 20.775 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60391		
166	124.8		99.4	149.0
129	94.9		76.3	114.5
131	89.3		70.6	105.8





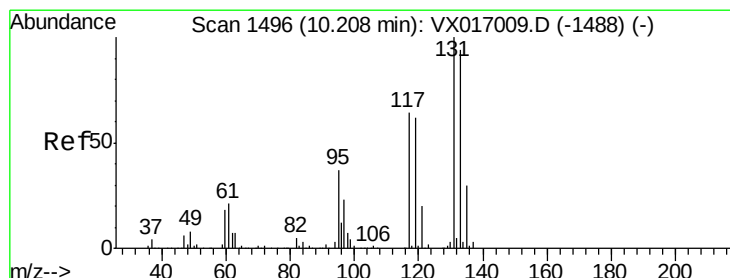
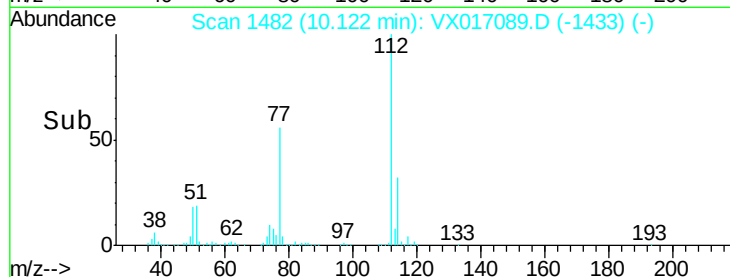
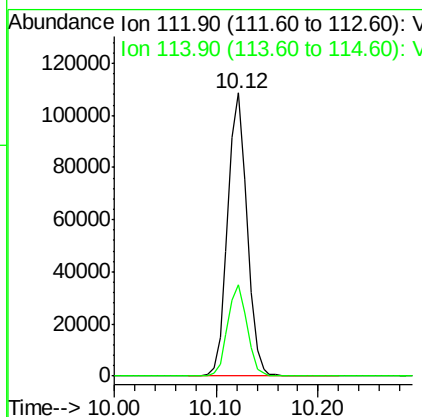
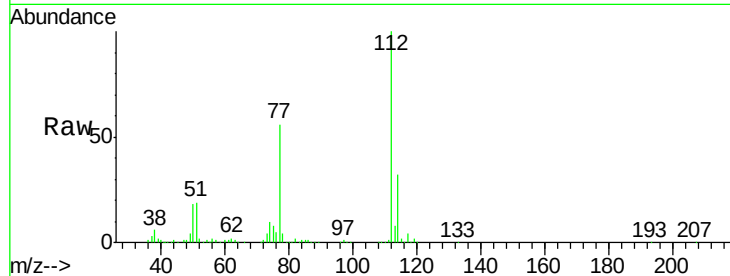
#65
Chlorobenzene
Concen: 19.134 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion:112 Resp: 142238
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

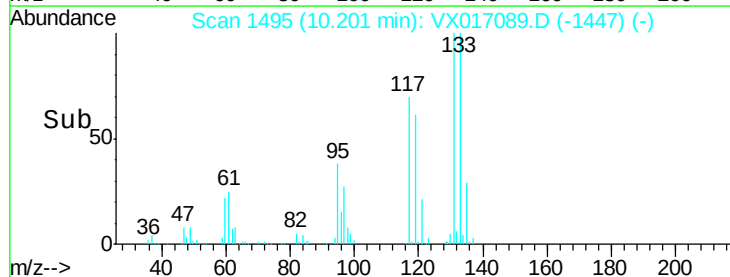
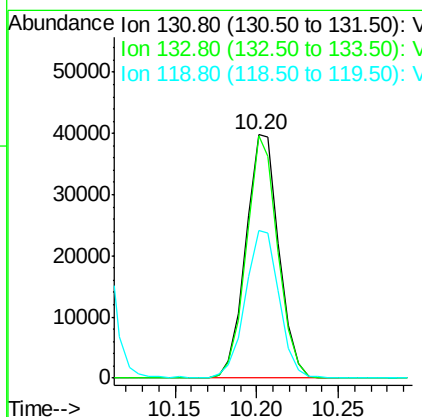
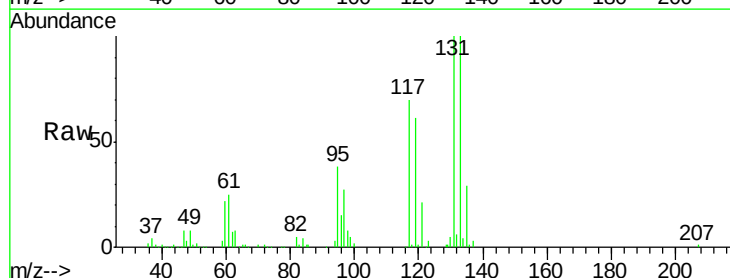
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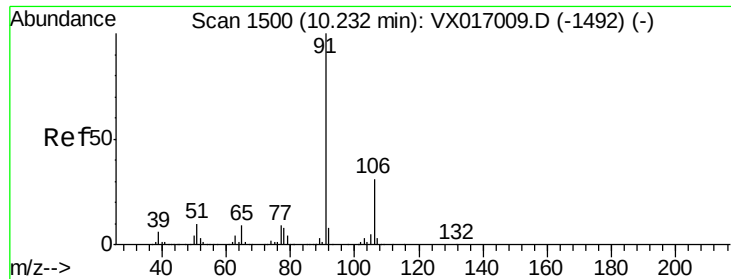
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.555 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion:131 Resp: 56024
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 61.6 31.9 95.5





#67

Ethyl Benzene

Concen: 19.229 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion: 91 Resp: 238715

Ion Ratio Lower Upper

91 100

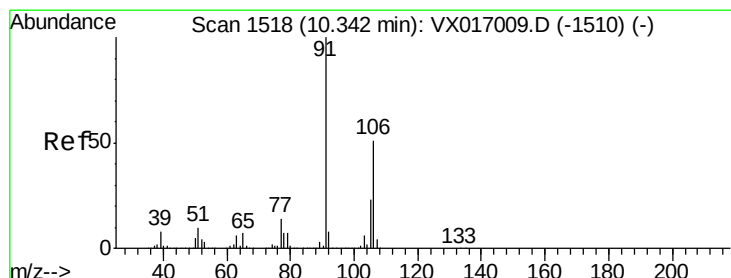
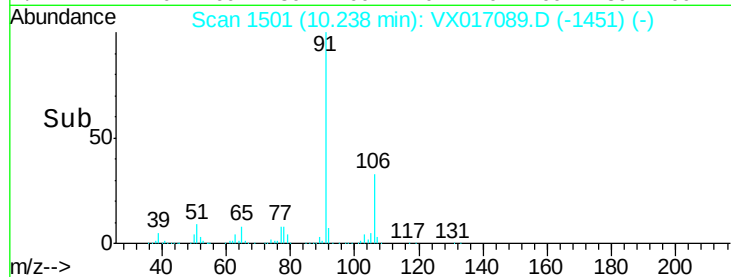
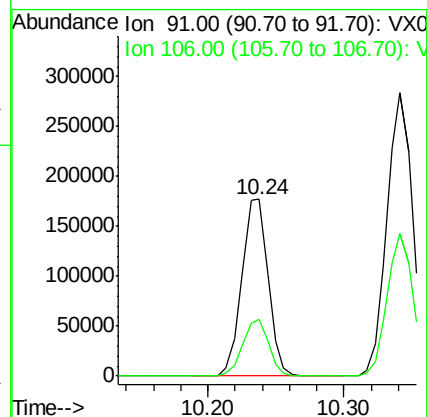
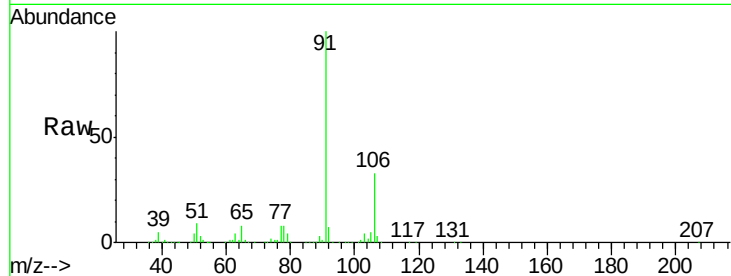
106 32.5 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.708 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017089.D

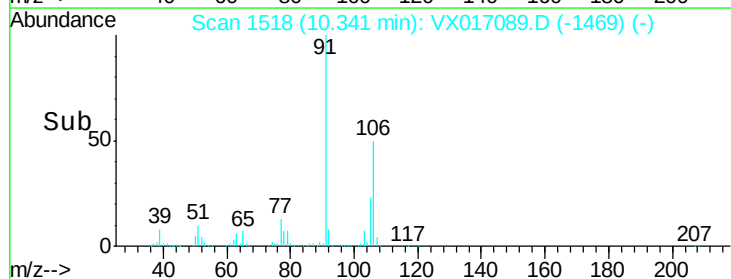
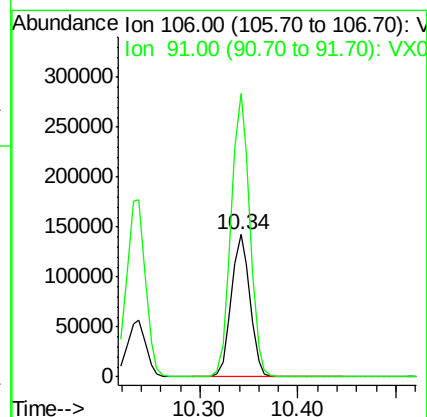
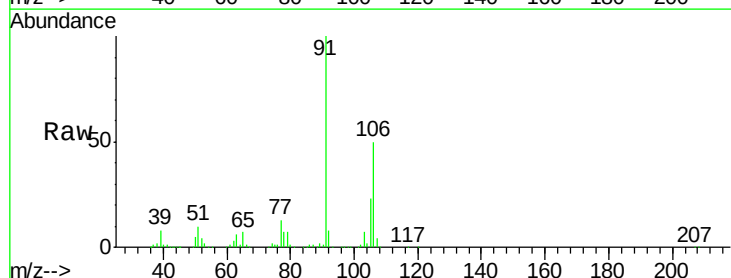
Acq: 01 Jul 2020 11:50

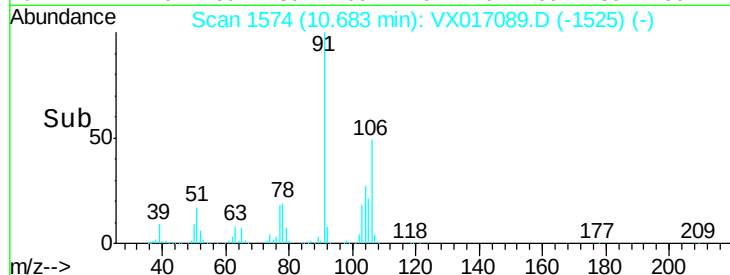
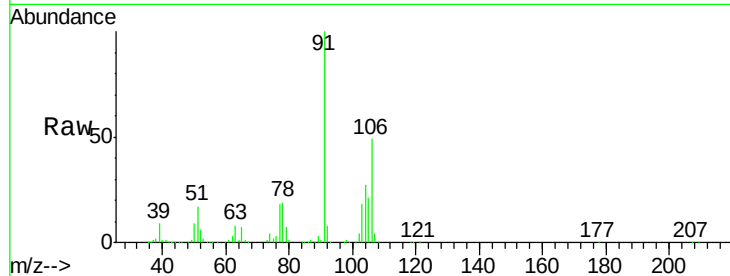
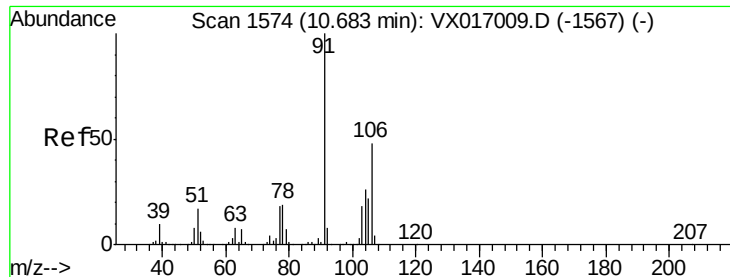
Tgt Ion: 106 Resp: 189280

Ion Ratio Lower Upper

106 100

91 199.1 158.6 238.0





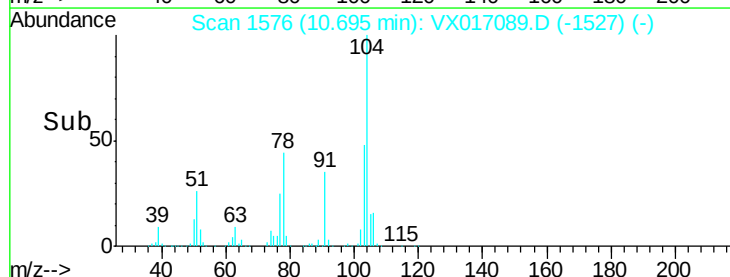
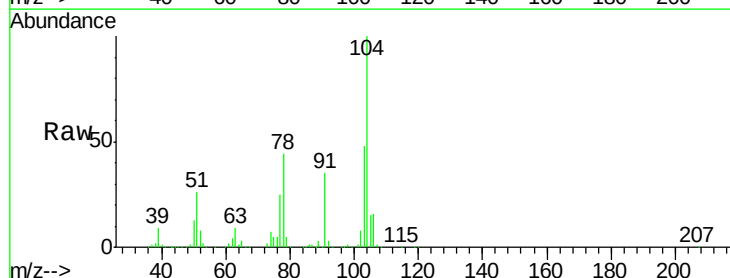
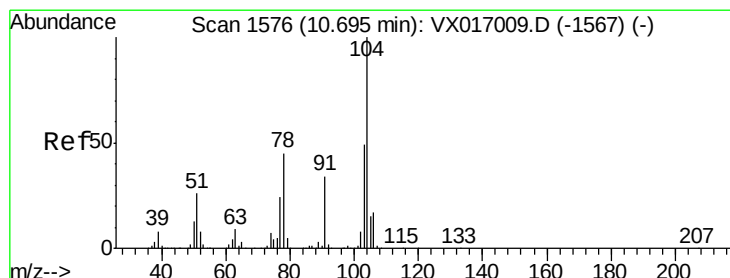
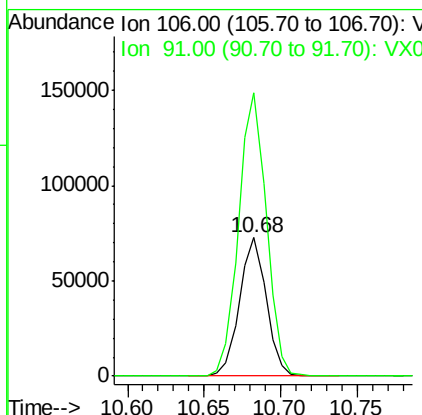
#69
o-Xylene
Concen: 19.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tot Ion:106 Resp: 88525
Ion Ratio Lower Upper
106 100
91 211.7 105.6 316.7

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

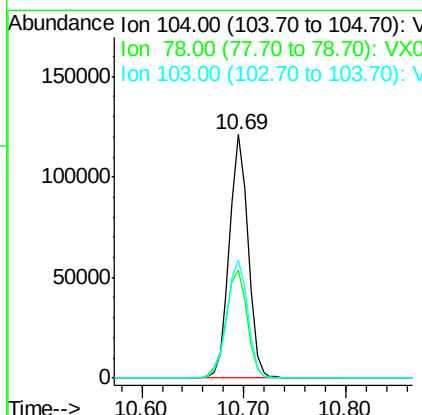
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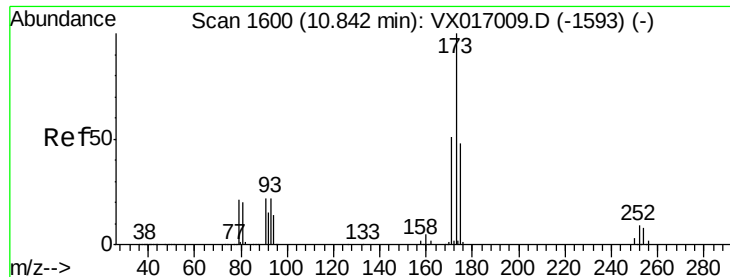
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#70
Styrene
Concen: 19.871 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion:104 Resp: 153446
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 53.9 43.0 64.6





#71

Bromoform

Concen: 20.394 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion:173 Resp: 46332

Ion Ratio Lower Upper

173 100

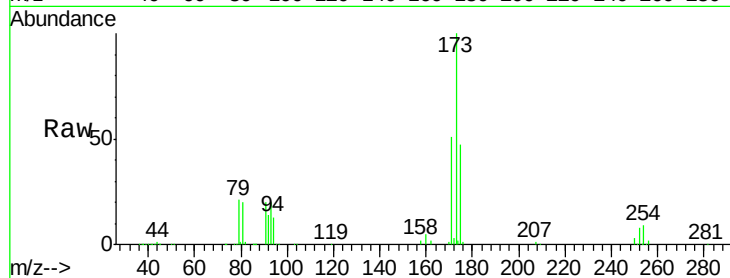
175 47.6 24.5 73.5

254 0.1 0.1 0.1

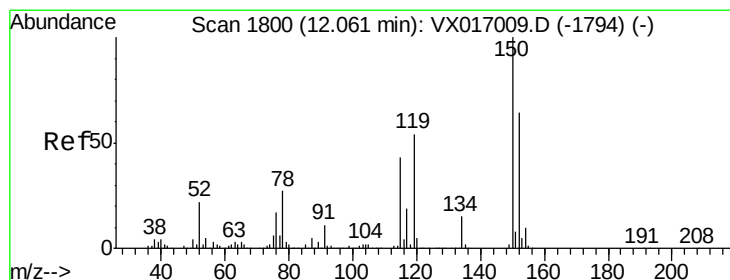
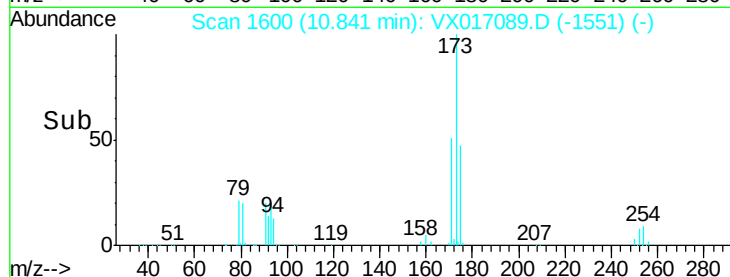
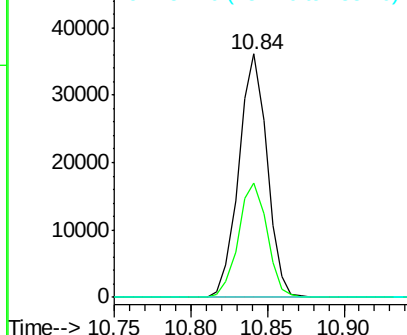
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

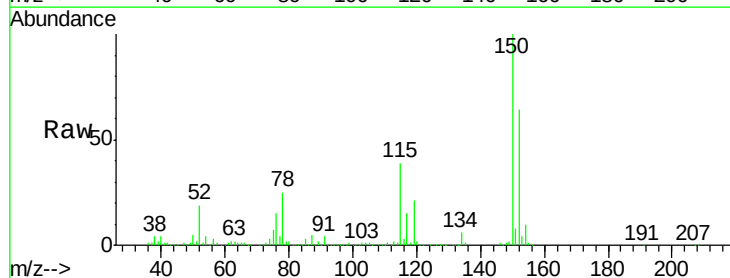
Tgt Ion:152 Resp: 192575

Ion Ratio Lower Upper

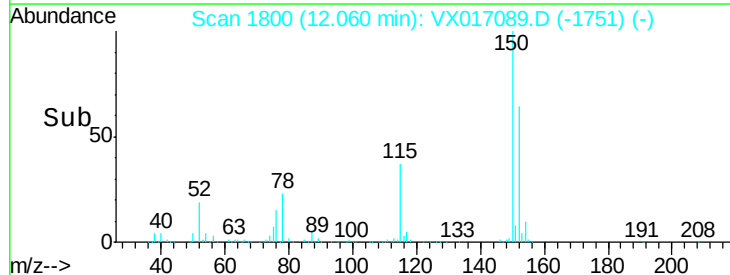
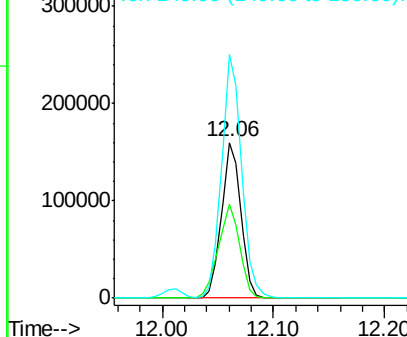
152 100

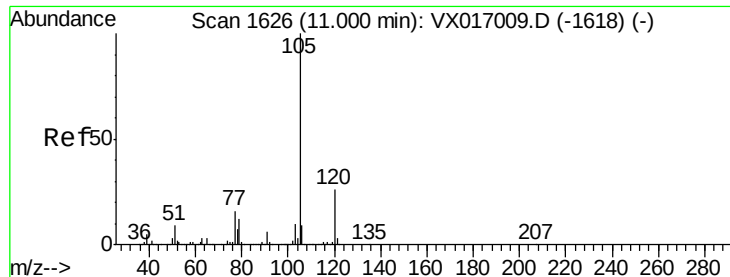
115 66.0 40.9 122.7

150 162.2 0.0 351.6



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: 18.833 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD01

Tot Ion:105 Resp: 237562

Ion Ratio Lower Upper

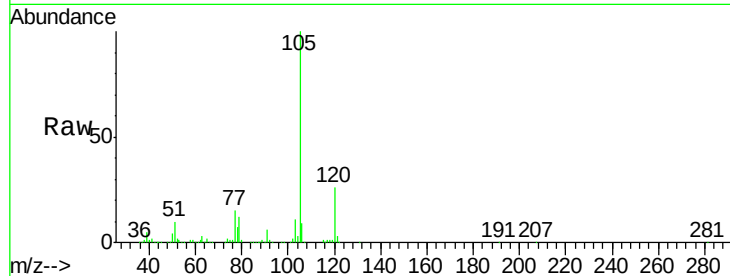
105 100

120 27.2 13.4 40.2

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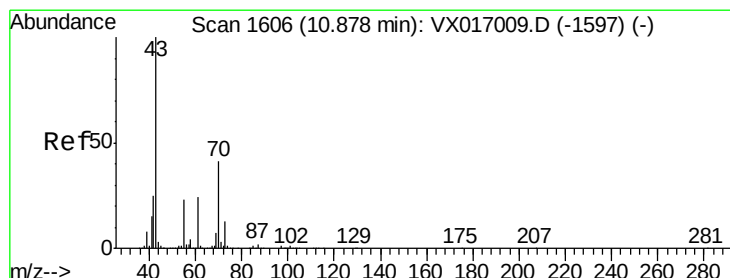
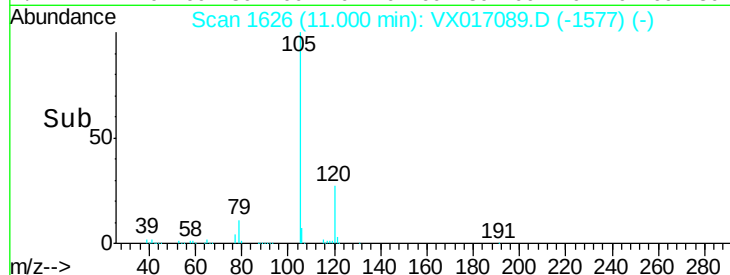
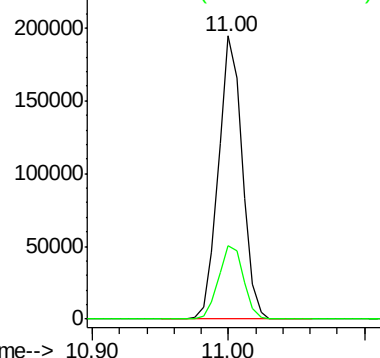
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.165 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion: 43 Resp: 97767

Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.2

55 25.2 19.2 28.8

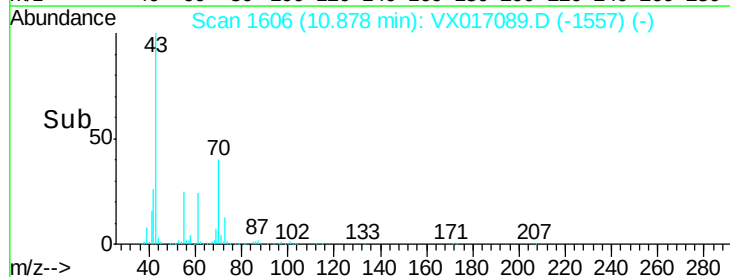
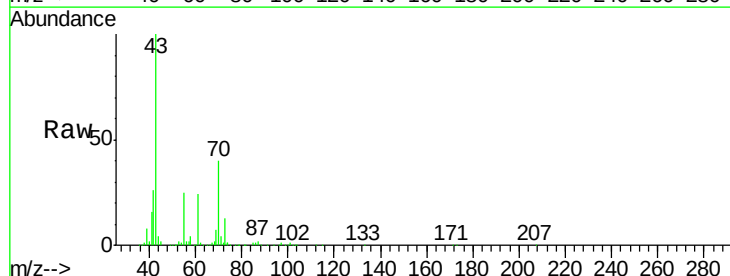
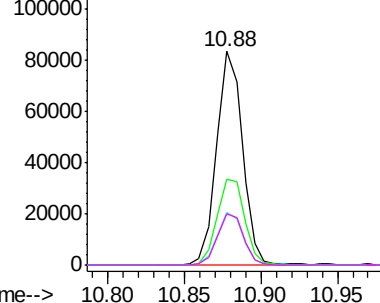
61 24.5 19.6 29.4

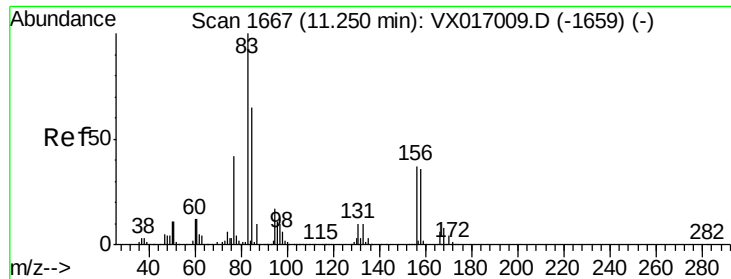
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.863 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

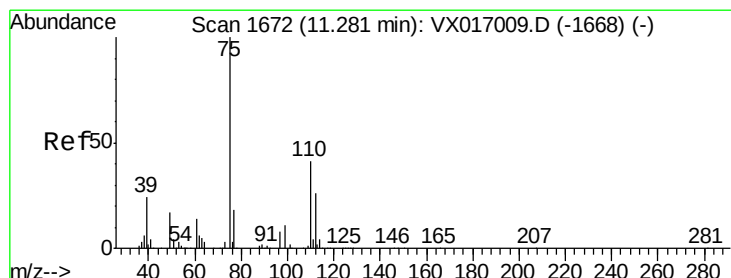
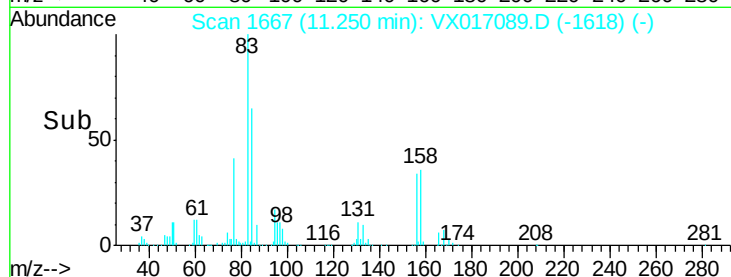
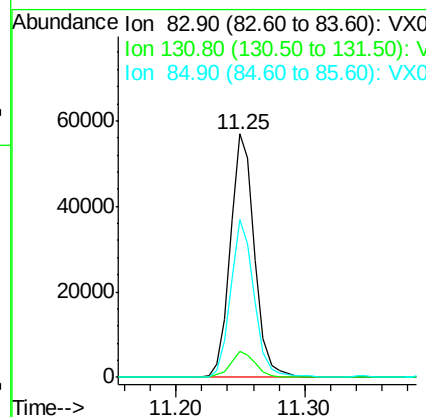
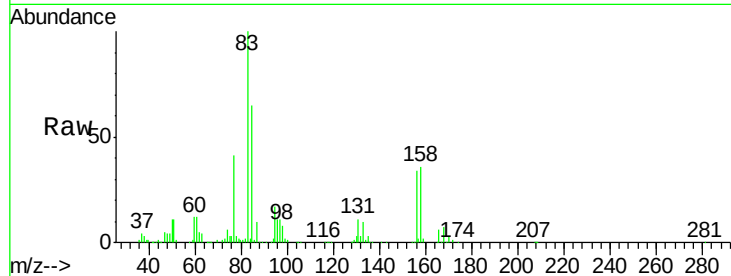
ClientSampleId :

VX0701WBSD01

Tot Ion:	83	Resp:	74843
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	63.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.376 ug/l m

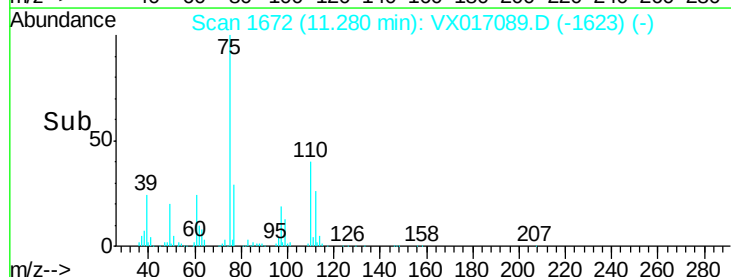
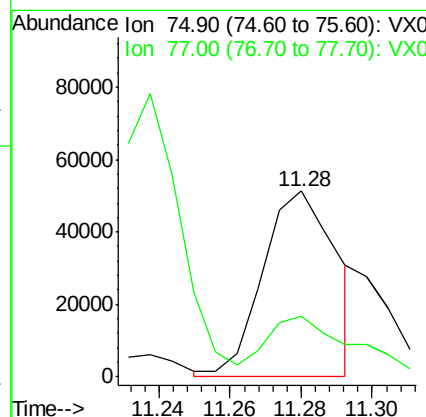
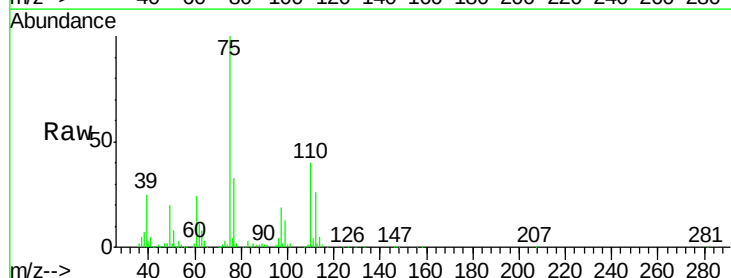
RT: 11.28 min Scan# 1672

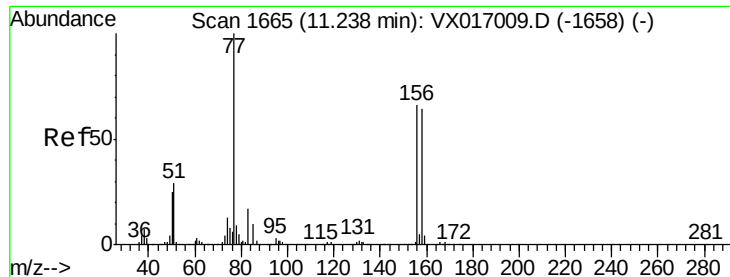
Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	75	Resp:	73373
Ion Ratio	Lower	Upper	
75	100		
77	38.7	20.2	60.6





#77

Bromobenzene

Concen: 18.769 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0701WBSD01

Tot Ion:156 Resp: 65069

Ion Ratio Lower Upper

156 100

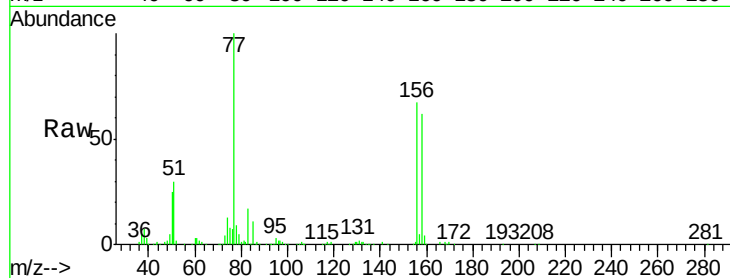
77 154.0 76.9 230.7

158 97.2 47.9 143.6

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MMDadoda

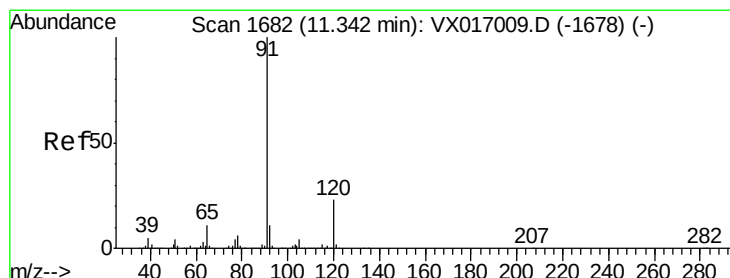
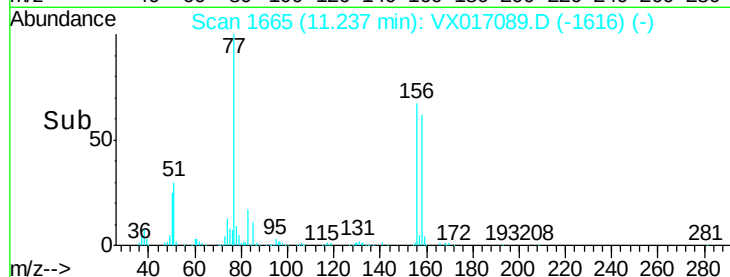
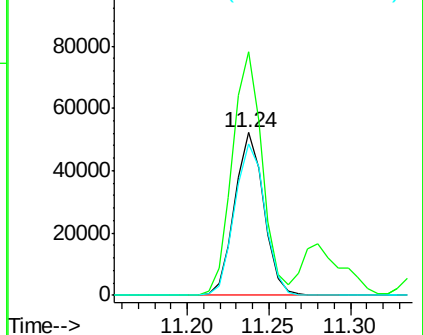
7/2/2020 9:16:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.974 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017089.D

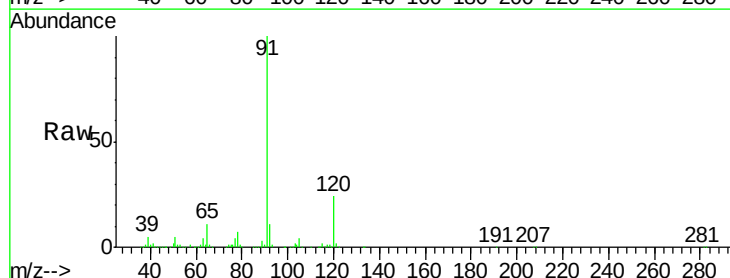
Acq: 01 Jul 2020 11:50

Tgt Ion: 91 Resp: 270642

Ion Ratio Lower Upper

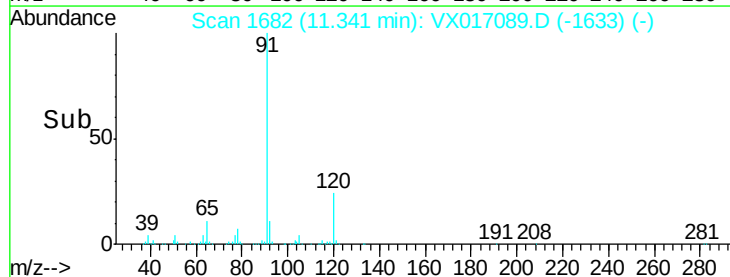
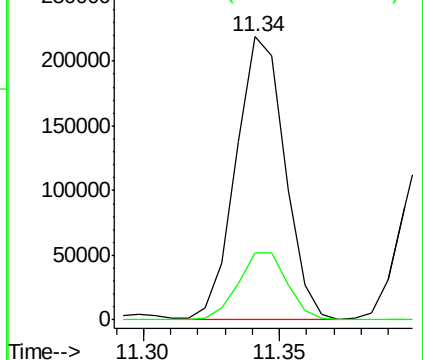
91 100

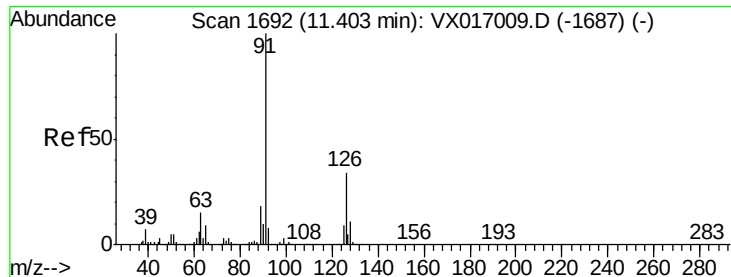
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





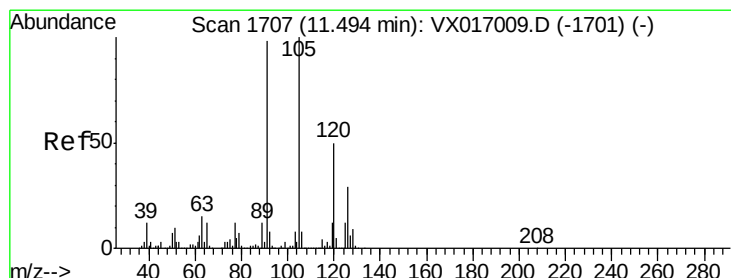
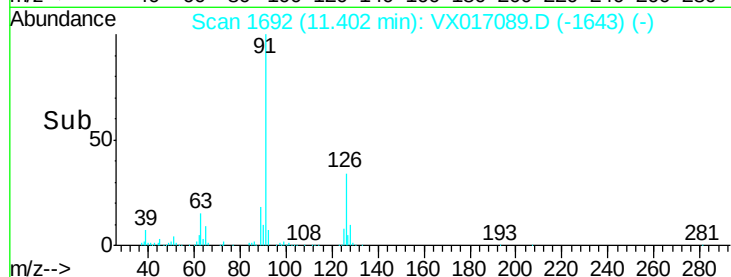
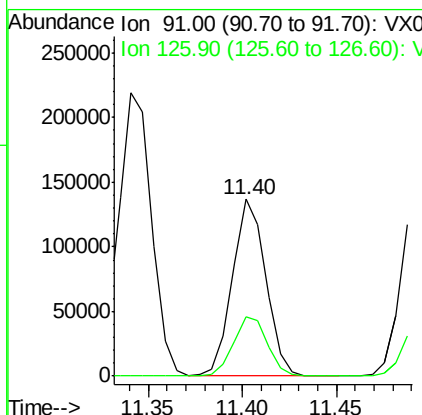
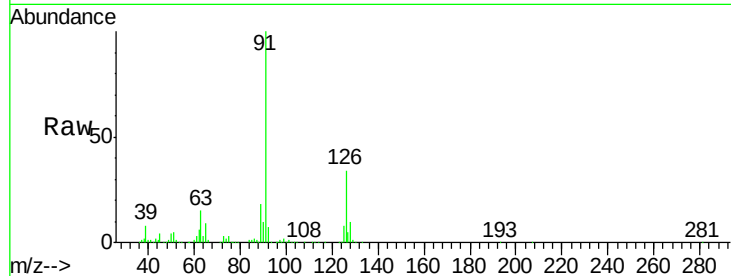
#79
 2-Chlorotoluene
 Concen: 19.386 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0701WBSD01

Tot Ion: 91 Resp: 167357
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.3

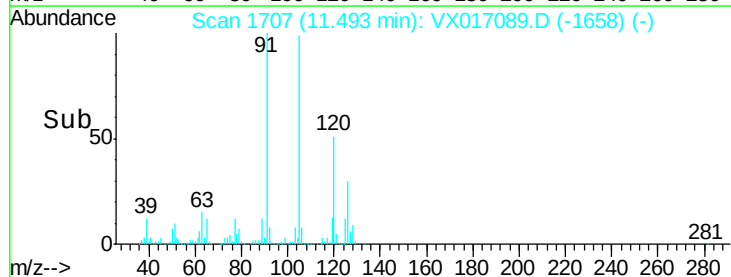
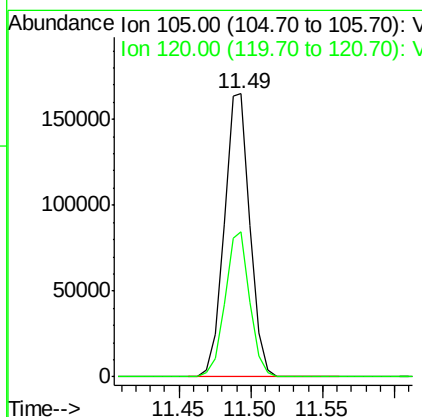
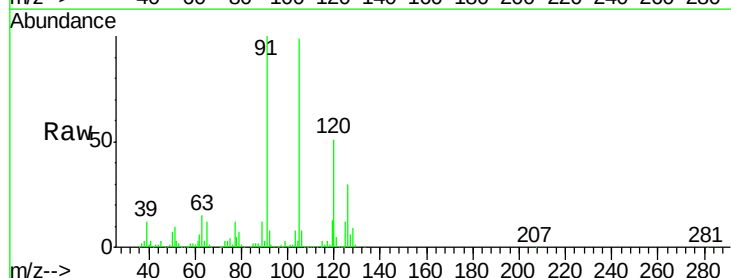
Manual Integrations
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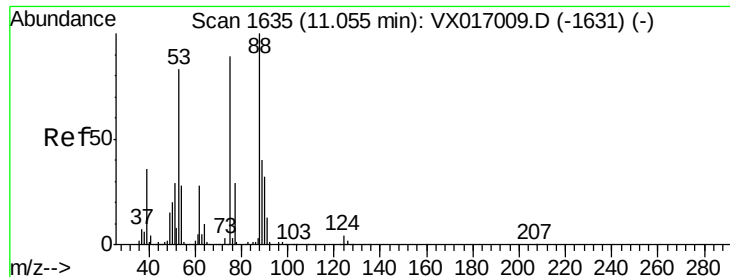
MMDadoda
 7/2/2020 9:16:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.813 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion: 105 Resp: 207300
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





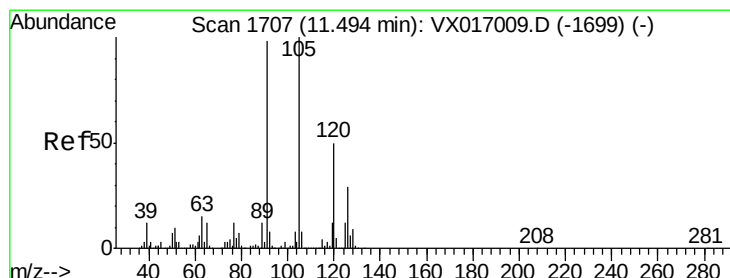
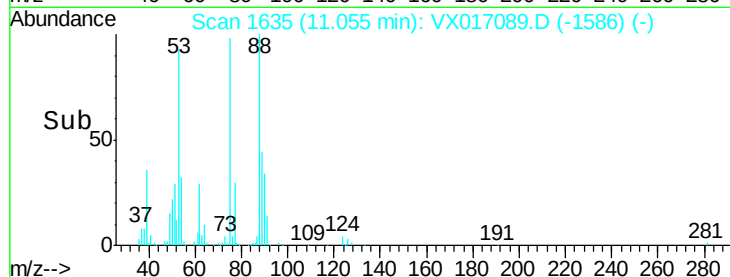
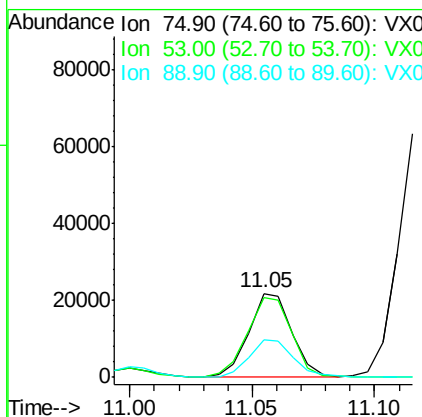
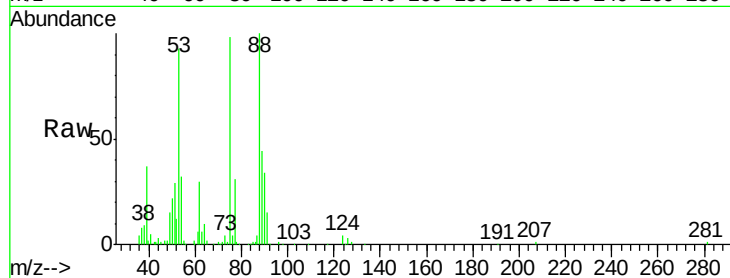
#81
trans-1,4-Dichloro-2-butene
Concen: 18.277 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	72.4	108.6
89	46.6	37.0	55.4

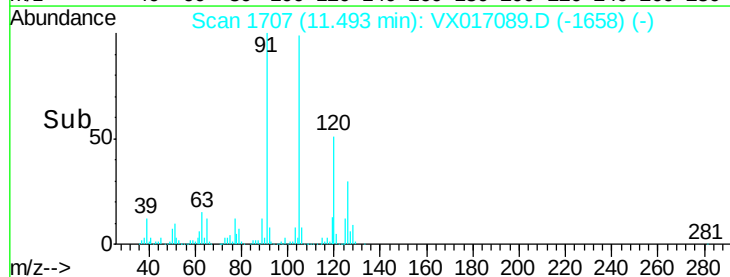
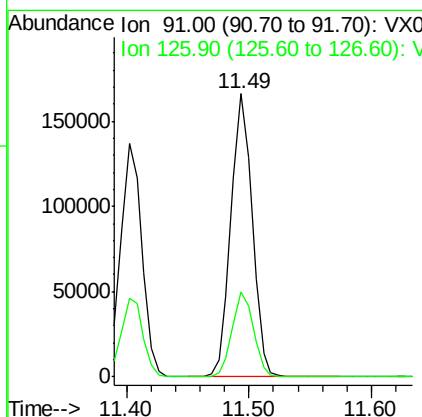
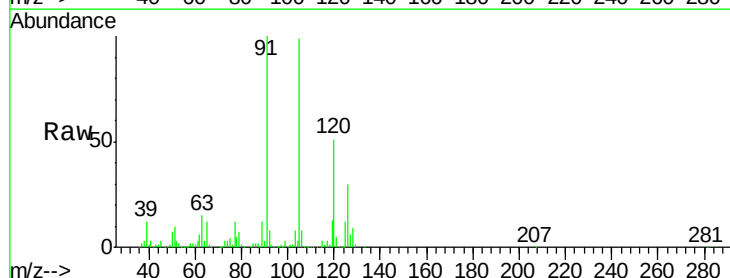
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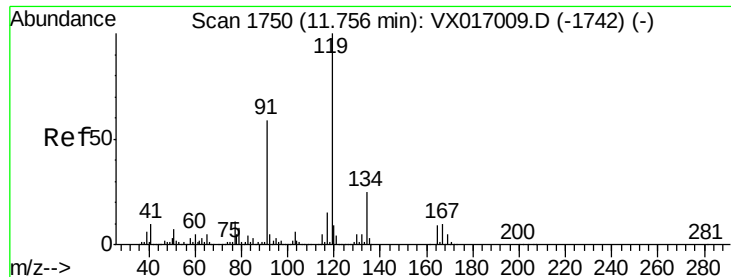
MMDadoda
7/2/2020 9:16:00 AM



#82
4-Chlorotoluene
Concen: 19.386 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.2	45.5





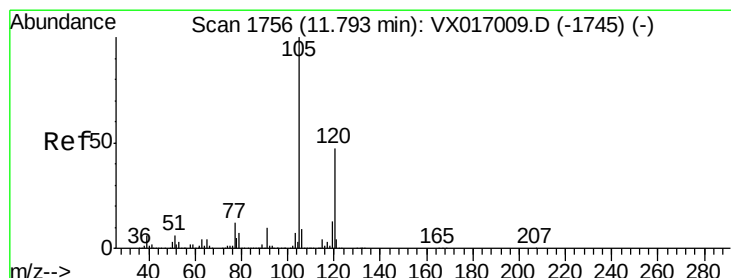
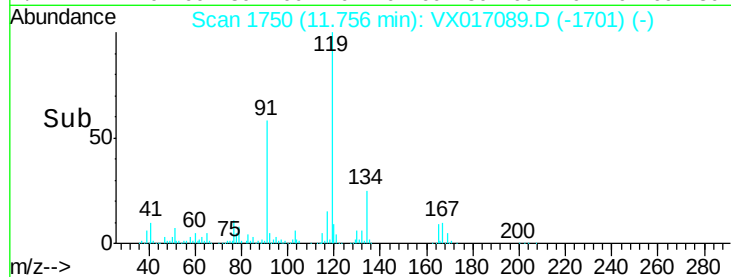
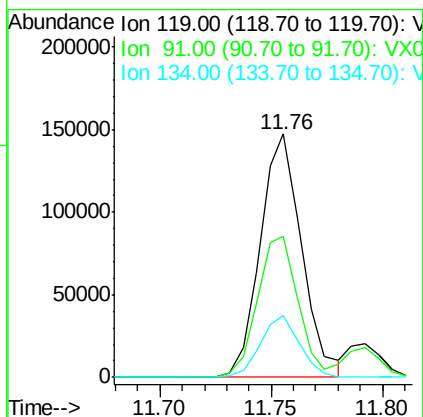
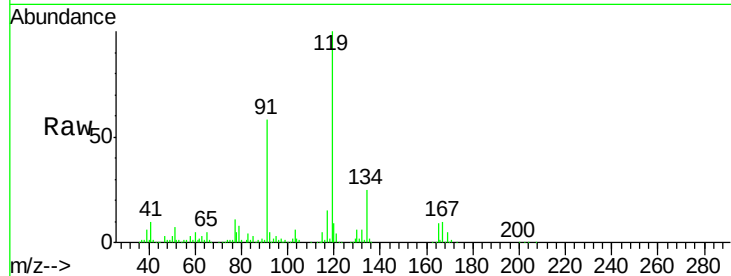
#83
 tert-Butylbenzene
 Concen: 18.591 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190950		
91	56.5	28.3	84.9	
134	23.8	11.7	35.1	

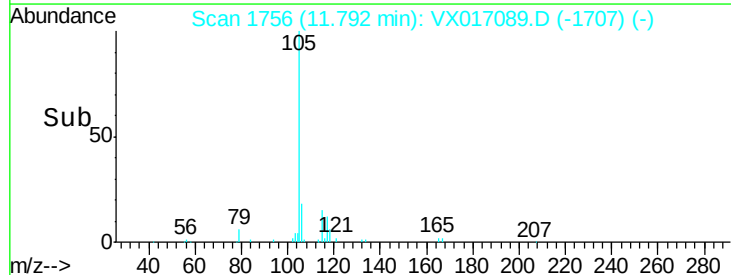
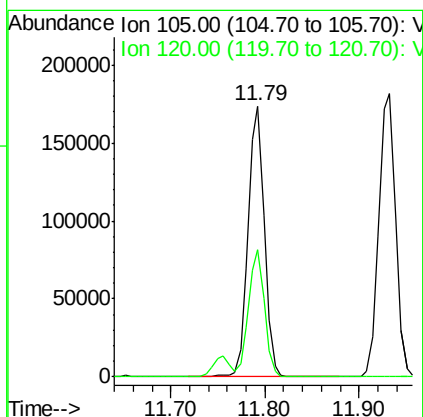
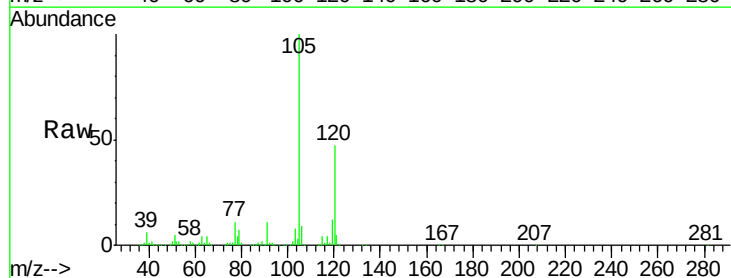
Manual Integrations
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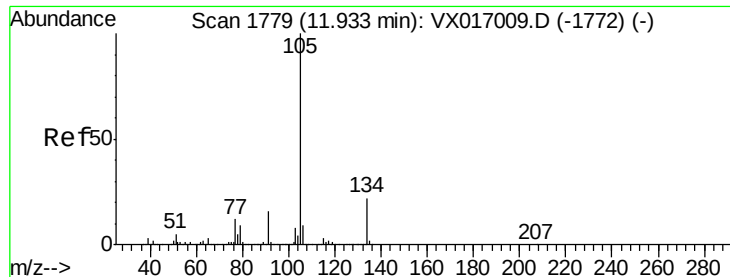
MMDadoda
 7/2/2020 9:16:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.608 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208128		
120	46.2	22.9	68.5	





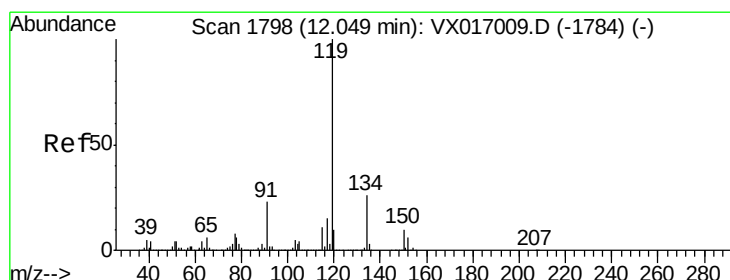
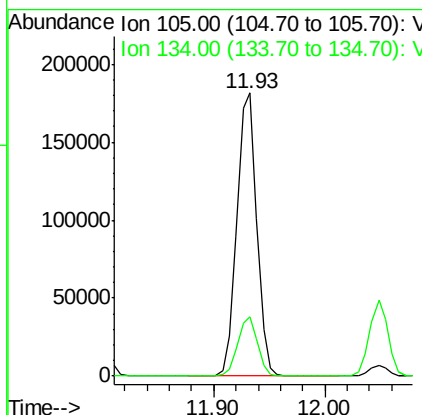
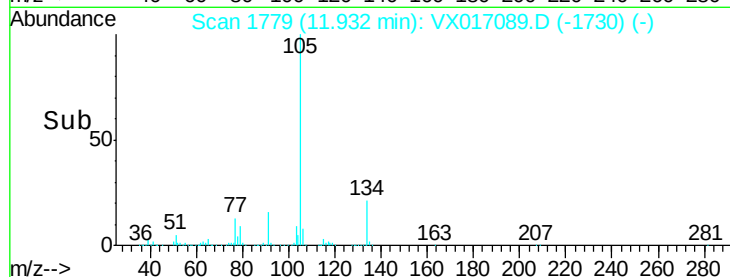
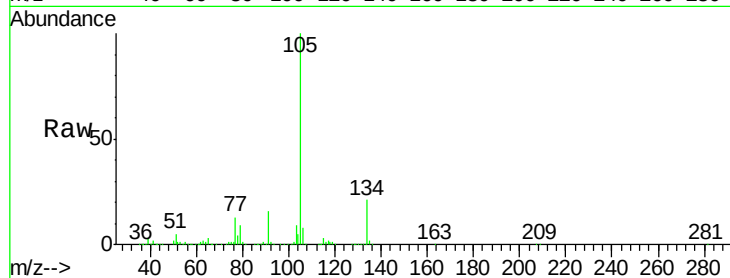
#85
 sec-Butylbenzene
 Concen: 18.521 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.6

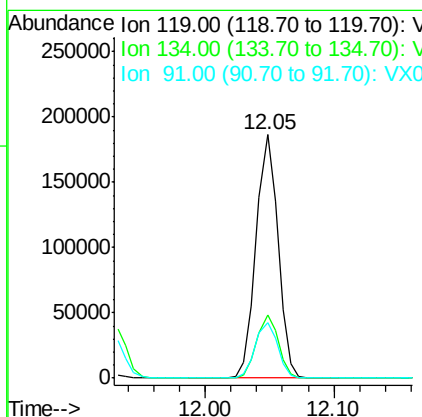
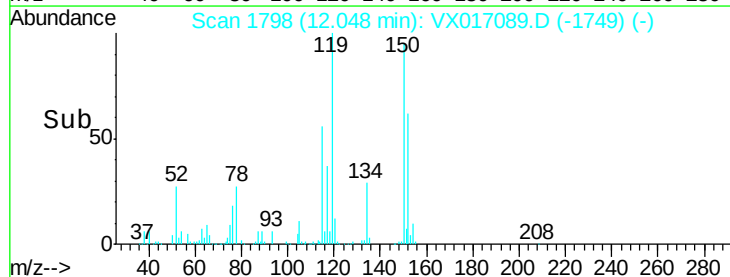
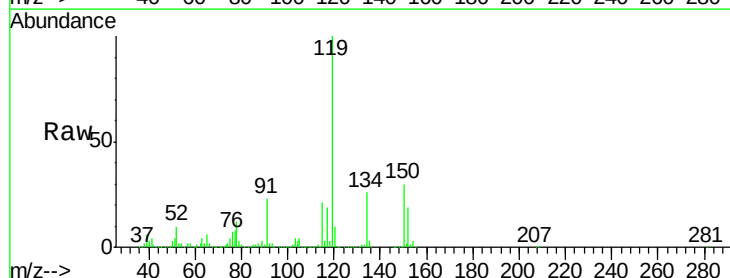
Manual Integrations
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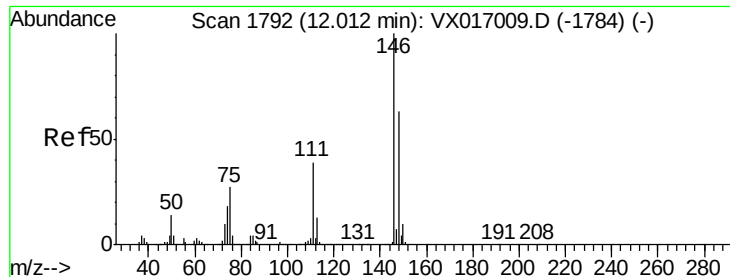
MMDadoda
 7/2/2020 9:16:00 AM



#86
 p-Isopropyltoluene
 Concen: 19.418 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.2	39.5
91	23.6	11.8	35.4





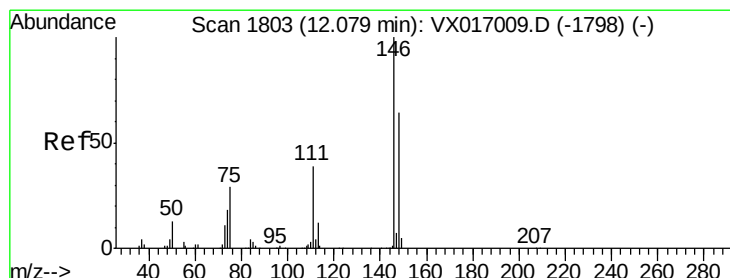
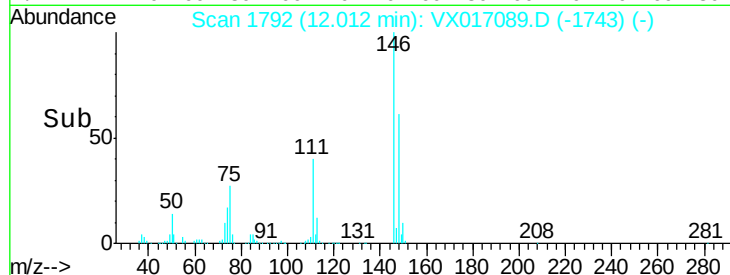
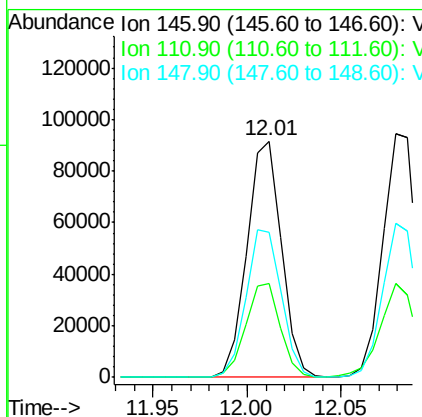
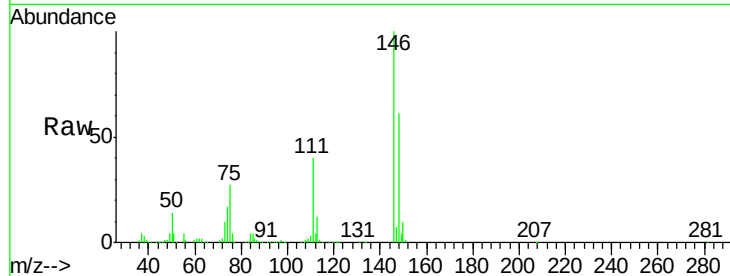
#87
 1,3-Dichlorobenzene
 Concen: 18.477 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	63.8	32.5	97.5

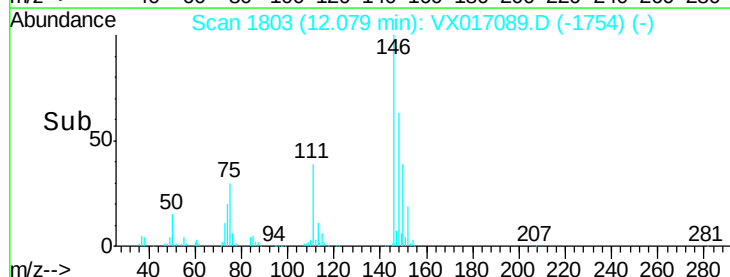
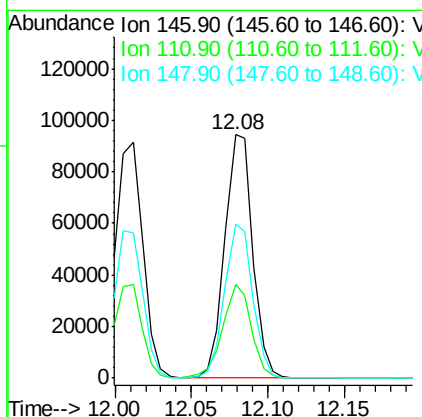
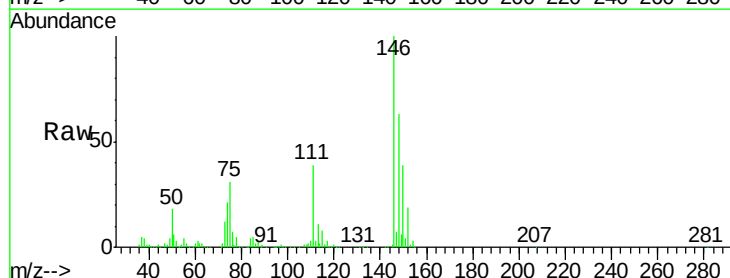
Manual Integrations
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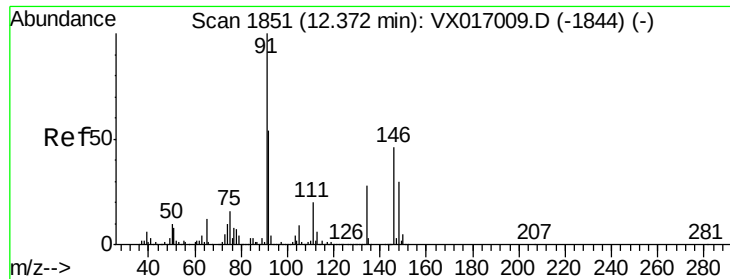
MMDadoda
 7/2/2020 9:16:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.5	58.5
148	63.9	31.9	95.7





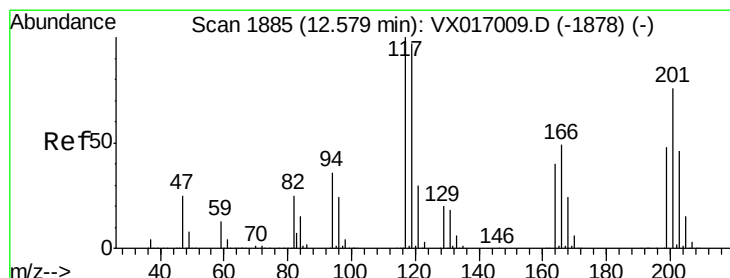
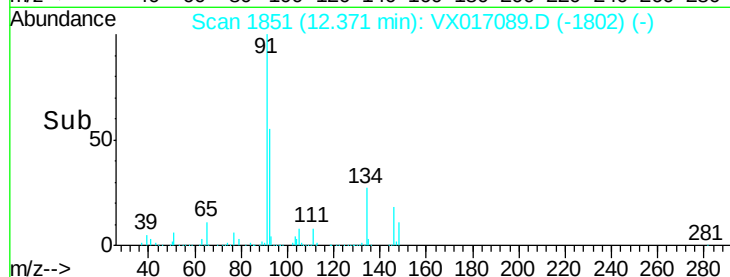
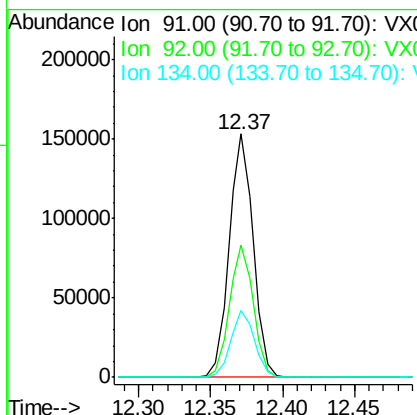
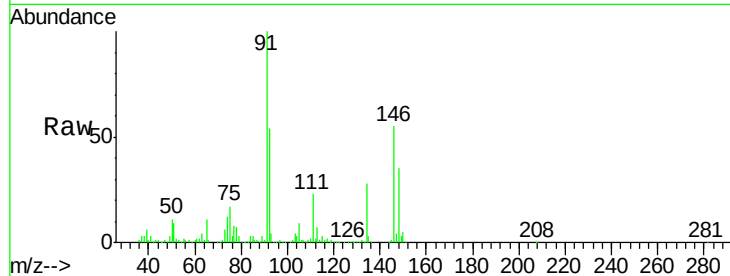
#89
n-Butylbenzene
Concen: 17.964 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	27.2	13.6	40.7

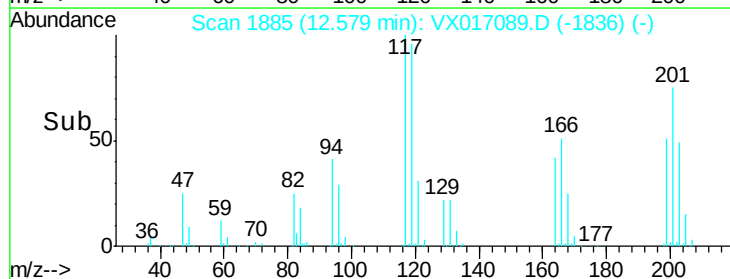
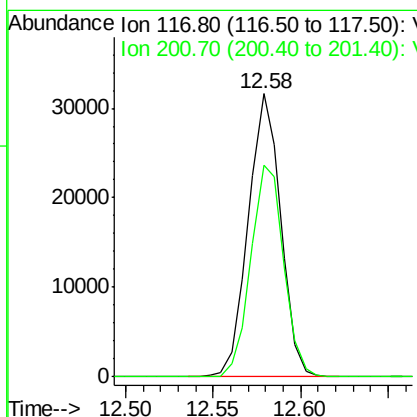
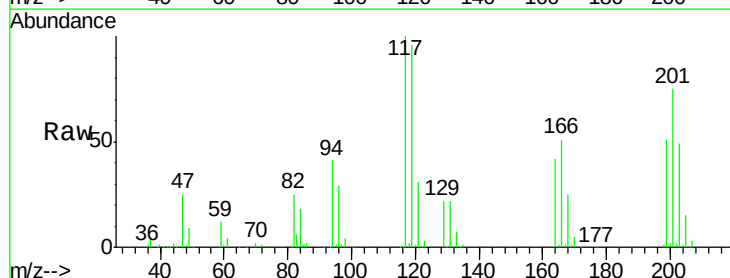
Manual Integrations
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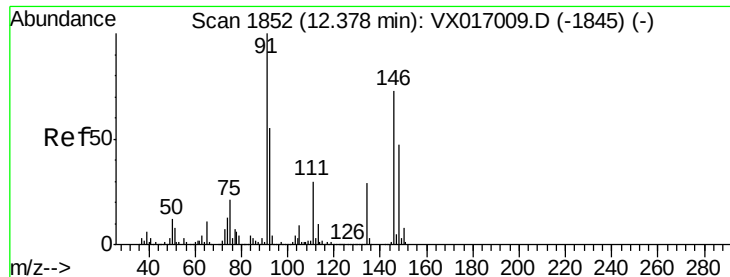
MMDadoda
7/2/2020 9:16:00 AM



#90
Hexachloroethane
Concen: 18.477 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017089.D
Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	39.4	118.2





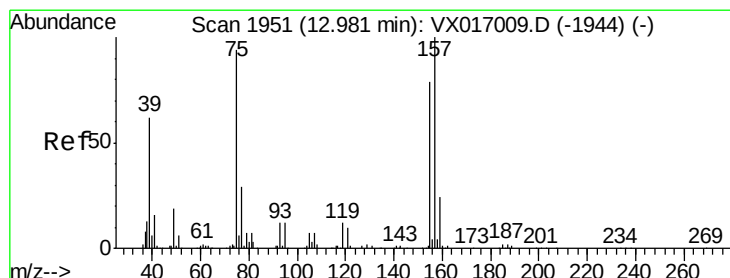
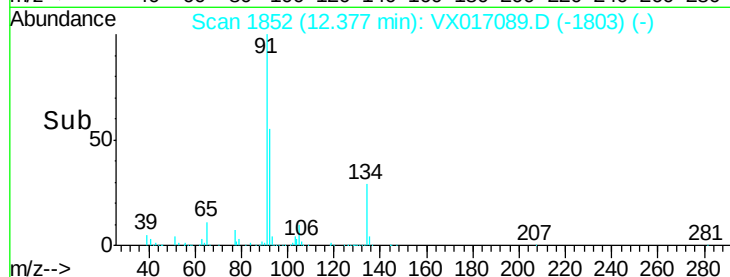
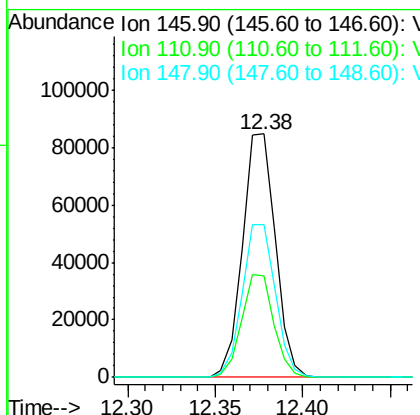
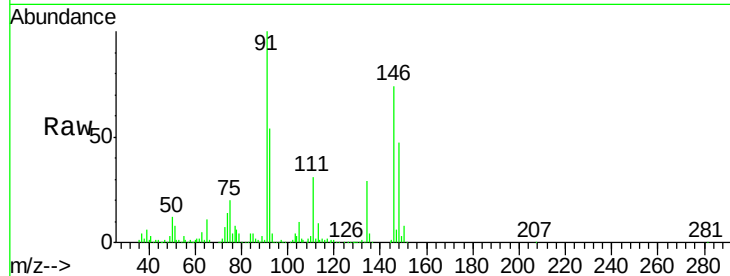
#91
 1,2-Dichlorobenzene
 Concen: 18.934 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	63.4	32.4	97.2

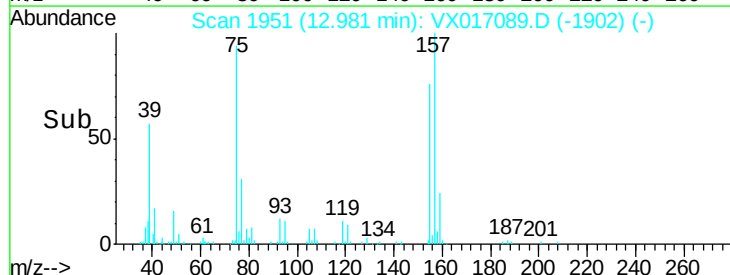
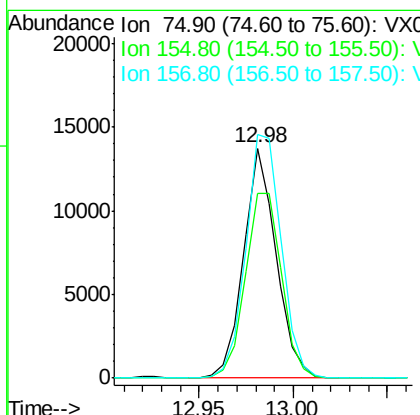
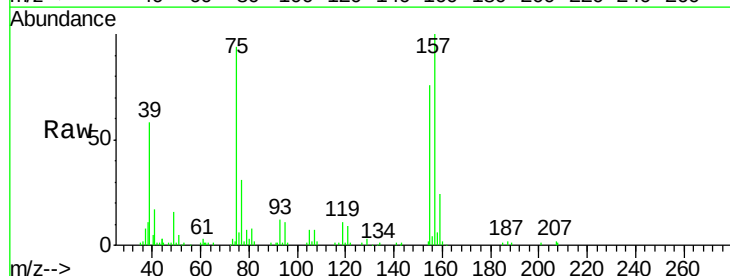
Manual Integrations
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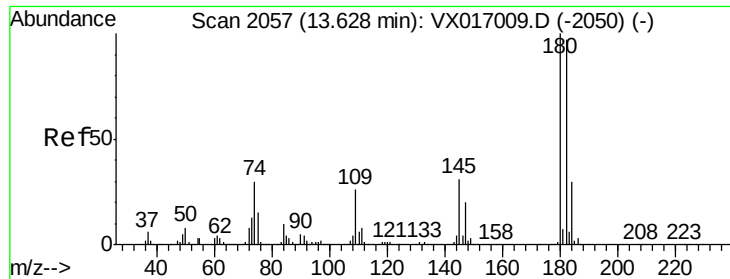
MMDadoda
 7/2/2020 9:16:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.437 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	45.1	135.2
157	115.2	56.5	169.3





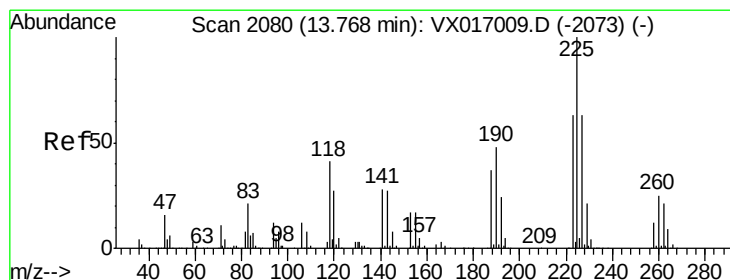
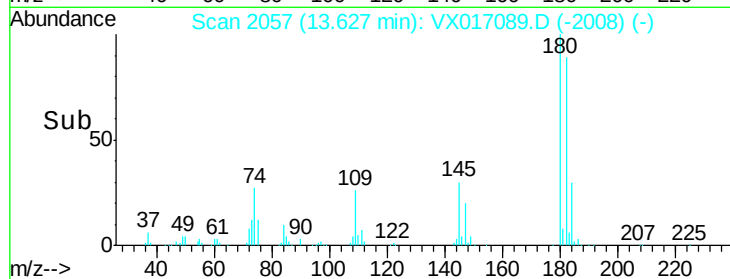
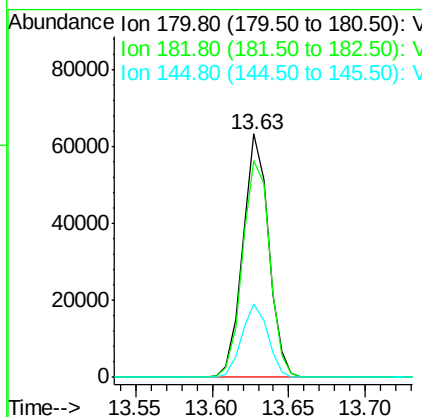
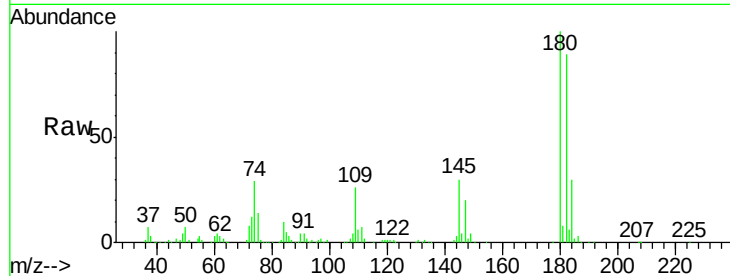
#93
 1,2,4-Trichlorobenzene
 Concen: 18.435 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	141.9
145	30.7	15.4	46.2

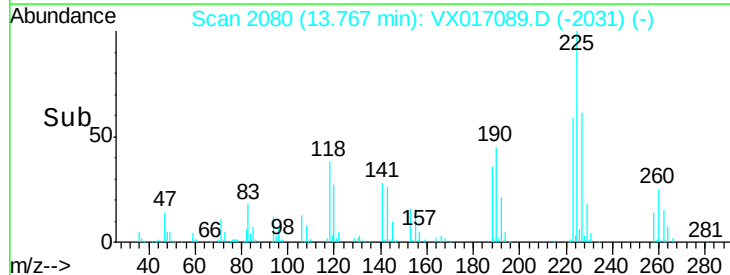
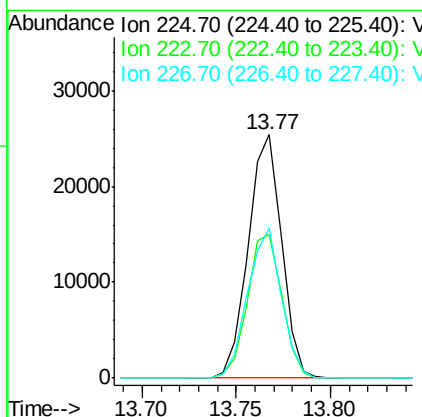
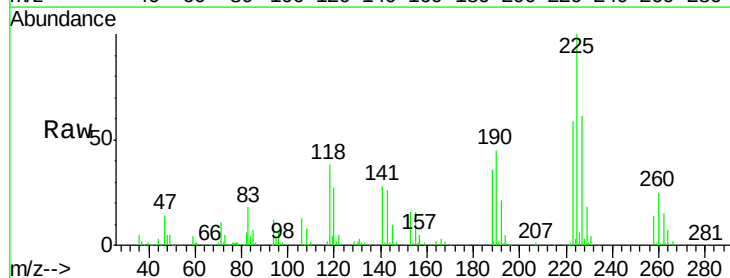
Manual Integrations
 APPROVED

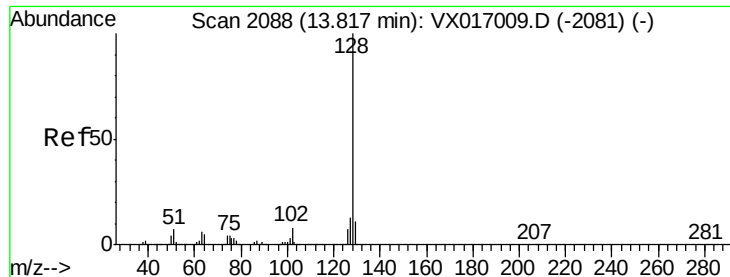
MMDadoda
 7/2/2020 9:16:00 AM



#94
 Hexachlorobutadiene
 Concen: 20.973 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017089.D
 Acq: 01 Jul 2020 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.5	97.5
227	61.9	33.1	99.2





#95

Naphthalene

Concen: 18.389 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Instrument :

MSVOA_X

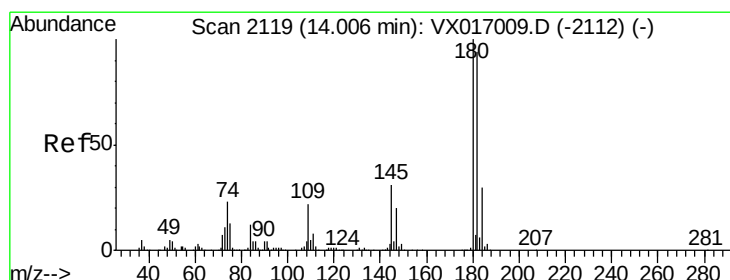
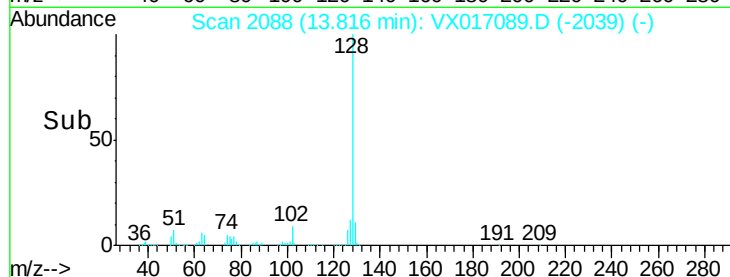
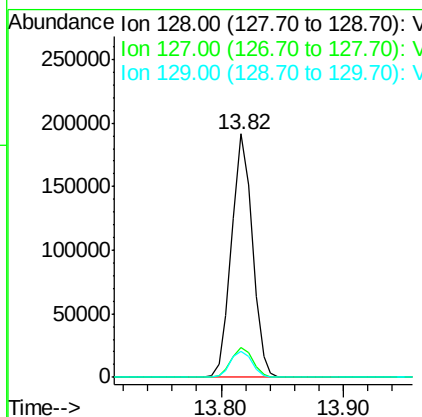
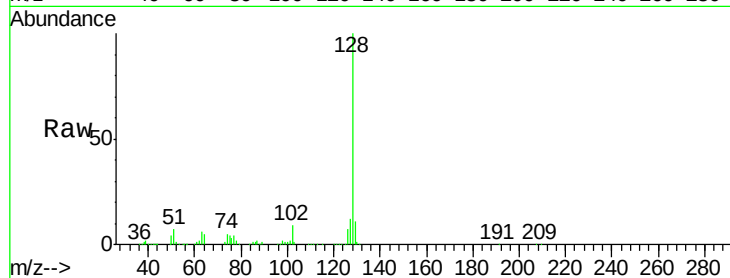
ClientSampleId :

VX0701WBSD01

Tot Ion:	128	Resp:	224579
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/2/2020 9:16:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.151 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX017089.D

Acq: 01 Jul 2020 11:50

Tgt Ion:	180	Resp:	74453
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.1	141.4
145	33.5	16.6	49.7

