

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019066.D
 Acq On : 23 Oct 2020 06:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 5:24:42 PM

Quant Time: Oct 23 09:50:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	361264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133219	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.46	113	117951	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.70	98	452879	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.12	95	165246	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119891	53.431	ug/l	99
3) Chloromethane	1.31	50	103644	46.456	ug/l	100
4) Vinyl Chloride	1.39	62	133172	50.588	ug/l	98
5) Bromomethane	1.63	94	70429	26.804	ug/l	97
6) Chloroethane	1.71	64	86690	46.723	ug/l	100
7) Trichlorofluoromethane	1.92	101	223590	50.260	ug/l	100
8) Diethyl Ether	2.17	74	85041	48.820	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105213	49.923	ug/l	99
10) Methyl Iodide	2.49	142	82504	29.883	ug/l	97
11) Tert butyl alcohol	3.01	59	129916	237.721	ug/l	99
12) 1,1-Dichloroethene	2.35	96	110205	50.262	ug/l	99
13) Acrolein	2.28	56	33329	166.539	ug/l	98
14) Allyl chloride	2.71	41	132543	46.728	ug/l	100
15) Acrylonitrile	3.11	53	255599	241.860	ug/l	100
16) Acetone	2.42	43	217604	236.760	ug/l	100
17) Carbon Disulfide	2.55	76	288585	45.637	ug/l	99
18) Methyl Acetate	2.75	43	121240	53.159	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	351602	50.624	ug/l	99
20) Methylene Chloride	2.84	84	126733	49.530	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	125716	49.137	ug/l	98
22) Diisopropyl ether	3.82	45	280447	50.140	ug/l	97
23) Vinyl Acetate	3.78	43	1301716	245.095	ug/l	99
24) 1,1-Dichloroethane	3.67	63	204078	50.101	ug/l	99
25) 2-Butanone	4.64	43	350458	241.322	ug/l	100
26) 2,2-Dichloropropane	4.55	77	136884	36.396	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	146483	50.449	ug/l	95
28) Bromochloromethane	4.98	49	86719	50.137	ug/l	98
29) Tetrahydrofuran	5.09	42	203171	234.067	ug/l	99
30) Chloroform	5.18	83	227740	51.498	ug/l	97
31) Cyclohexane	5.55	56	156168	49.422	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	204942	51.097	ug/l	99
36) 1,1-Dichloropropene	5.77	75	165106	48.113	ug/l	100
37) Ethyl Acetate	4.79	43	140357	47.921	ug/l	100
38) Carbon Tetrachloride	5.76	117	176586	49.026	ug/l	97

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Manual Integrations
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Quant Time: Oct 23 09:50:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180869	47.045	ug/l	98
40) Benzene	6.12	78	502788	49.749	ug/l	99
41) Methacrylonitrile	5.00	41	73738	46.868	ug/l	98
42) 1,2-Dichloroethane	6.16	62	174121	50.484	ug/l	99
43) Isopropyl Acetate	6.41	43	240114	48.406	ug/l	99
44) Trichloroethene	7.19	130	144832	49.140	ug/l	94
45) 1,2-Dichloropropane	7.49	63	120619	49.755	ug/l	100
46) Dibromomethane	7.63	93	92587	50.144	ug/l	99
47) Bromodichloromethane	7.88	83	185096	51.128	ug/l	100
48) Methyl methacrylate	7.74	41	114021	46.651	ug/l	99
49) 1,4-Dioxane	7.73	88	51193	927.006	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	716322	245.066	ug/l	100
52) Toluene	8.76	92	337821	50.608	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	191922	46.945	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	204135	47.285	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134211	49.320	ug/l	99
56) Ethyl methacrylate	9.16	69	198697	50.753	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218416	50.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	504612	245.363	ug/l	99
59) 2-Hexanone	9.47	43	535286	245.742	ug/l	100
60) Dibromochloromethane	9.57	129	151859	51.201	ug/l	98
61) 1,2-Dibromoethane	9.65	107	147524	50.669	ug/l	99
64) Tetrachloroethene	9.32	164	133398	48.499	ug/l	92
65) Chlorobenzene	10.12	112	367465	48.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	136675	50.730	ug/l	100
67) Ethyl Benzene	10.24	91	649621	49.733	ug/l	98
68) m/p-Xylenes	10.34	106	504319	100.790	ug/l	99
69) o-Xylene	10.68	106	237330	49.559	ug/l	99
70) Styrene	10.69	104	403767	49.661	ug/l	99
71) Bromoform	10.84	173	107471	49.414	ug/l #	97
73) Isopropylbenzene	11.00	105	640353	46.420	ug/l	99
74) N-amyl acetate	10.88	43	210181	47.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	195936	47.148	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	174704m	45.582	ug/l	
77) Bromobenzene	11.24	156	164856	47.320	ug/l	98
78) n-propylbenzene	11.34	91	722456	46.219	ug/l	100
79) 2-Chlorotoluene	11.40	91	419671	46.022	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	536933	47.134	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59221	39.367	ug/l	99
82) 4-Chlorotoluene	11.49	91	504282	46.476	ug/l	100
83) tert-Butylbenzene	11.76	119	514162	45.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	544225	47.711	ug/l	100
85) sec-Butylbenzene	11.93	105	624550	45.992	ug/l	100
86) p-Isopropyltoluene	12.05	119	577697	46.559	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293465	45.920	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304658	46.453	ug/l	98
89) n-Butylbenzene	12.37	91	510306	44.931	ug/l	100
90) Hexachloroethane	12.58	117	92690	48.796	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	289181	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43477	45.945	ug/l	99

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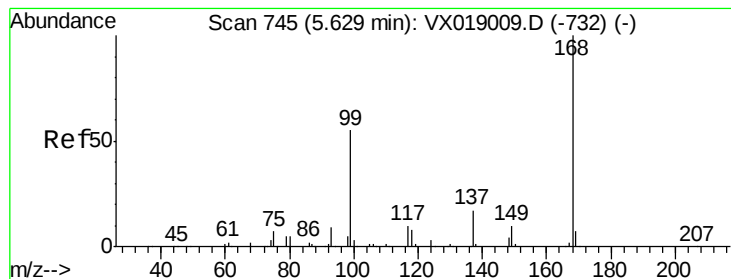
Manual Integrations
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 10/23/2020 5:24:42 PM

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198704	45.581	ug/l	97
94) Hexachlorobutadiene	13.76	225	78564	38.873	ug/l	96
95) Naphthalene	13.82	128	663851	48.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	191424	45.112	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. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 225269

Ion Ratio Lower Upper

168 100

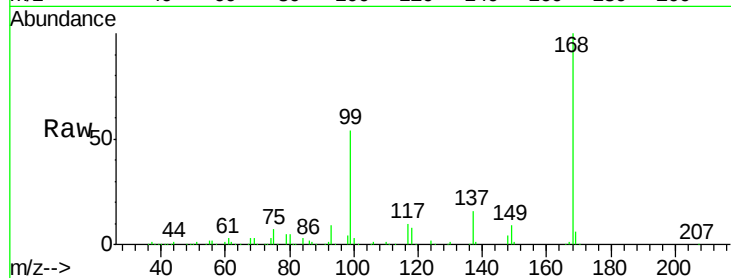
99 54.2 44.2 66.2

Manual Integrations

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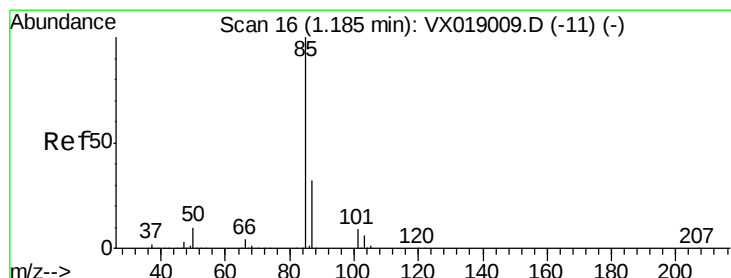
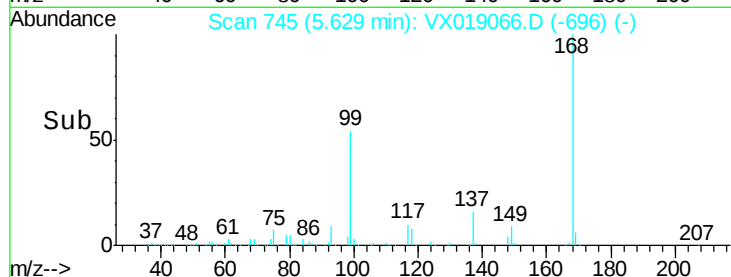
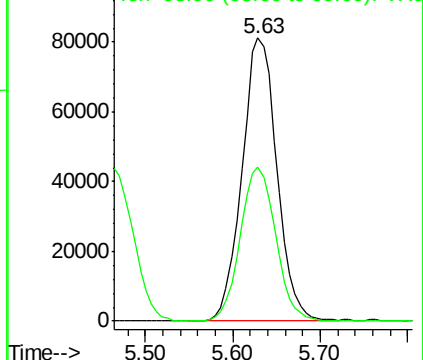
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.431 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019066.D

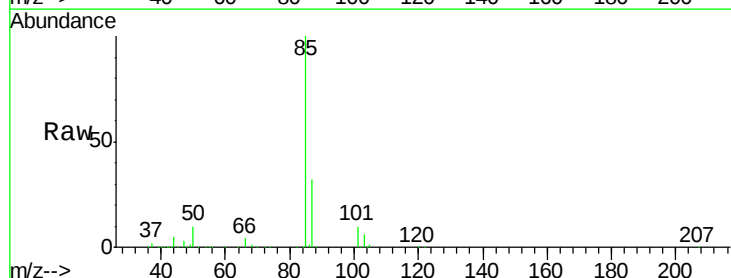
Acq: 23 Oct 2020 06:55

Tgt Ion: 85 Resp: 119891

Ion Ratio Lower Upper

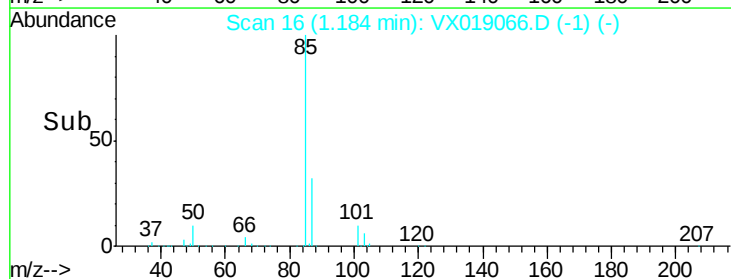
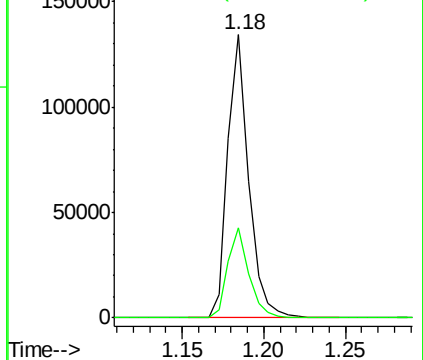
85 100

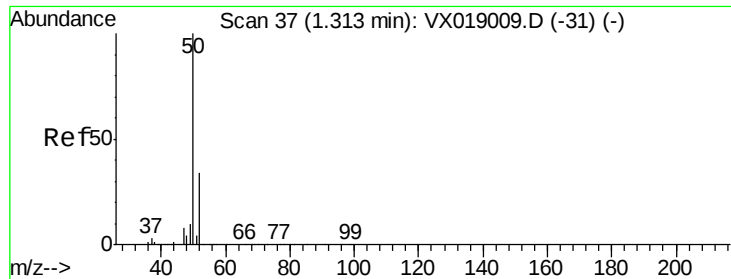
87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.456 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103644

Ion Ratio Lower Upper

50 100

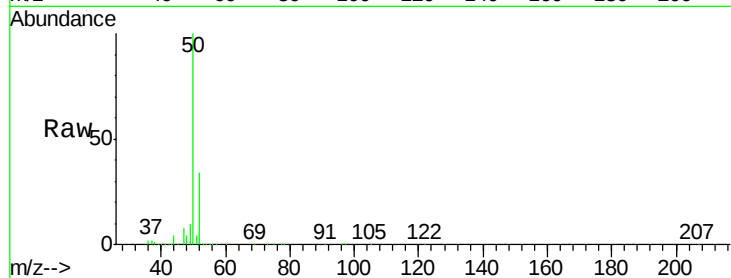
52 33.9 27.0 40.6

Manual Integrations

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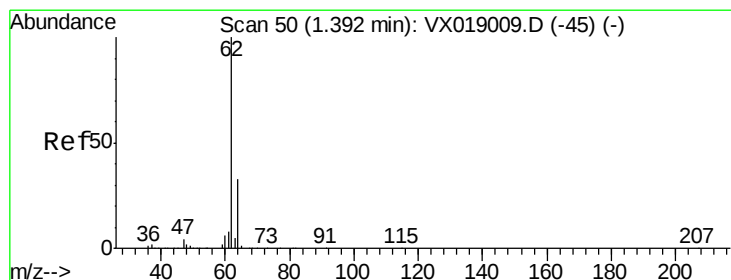
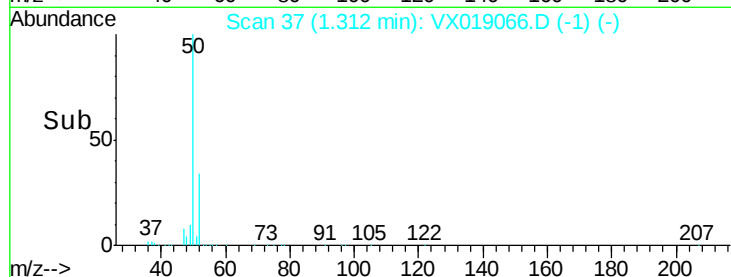
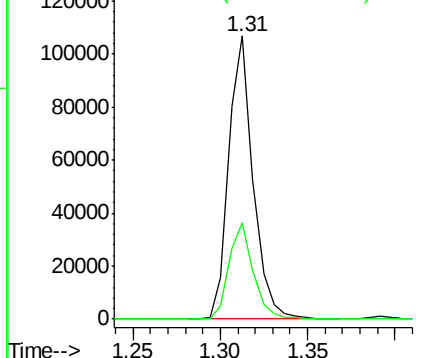
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.588 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019066.D

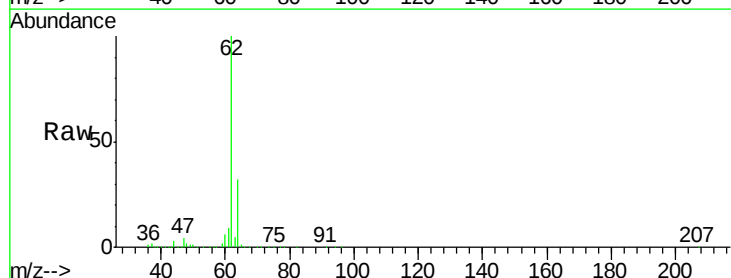
Acq: 23 Oct 2020 06:55

Tgt Ion: 62 Resp: 133172

Ion Ratio Lower Upper

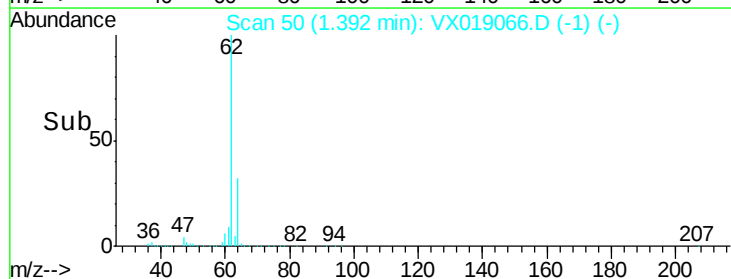
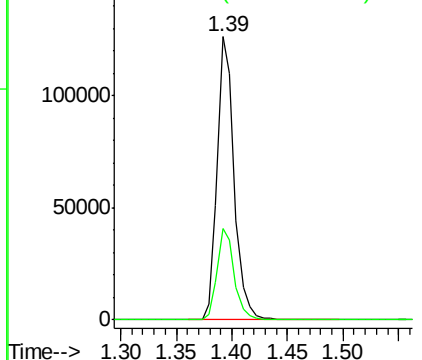
62 100

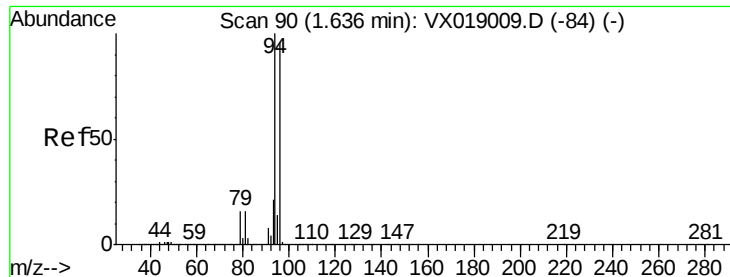
64 32.2 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.804 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 70429

Ion Ratio Lower Upper

94 100

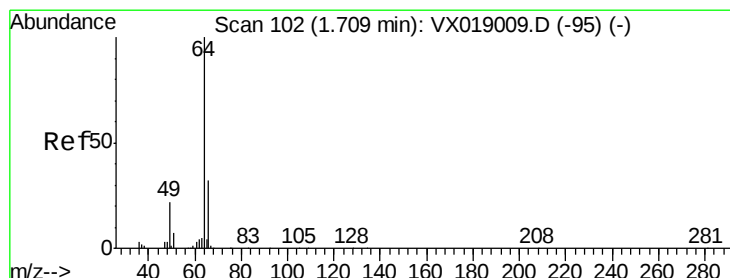
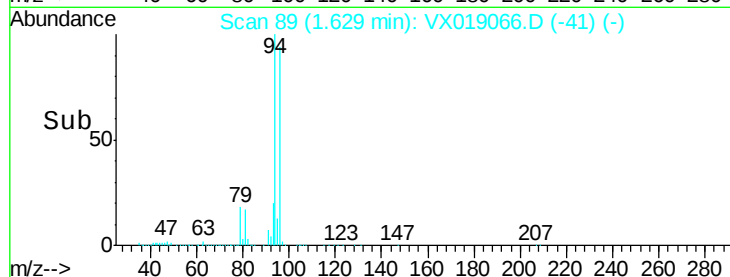
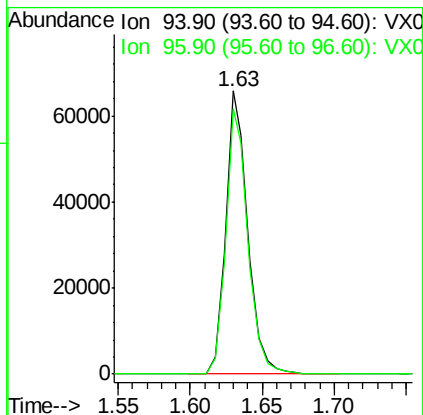
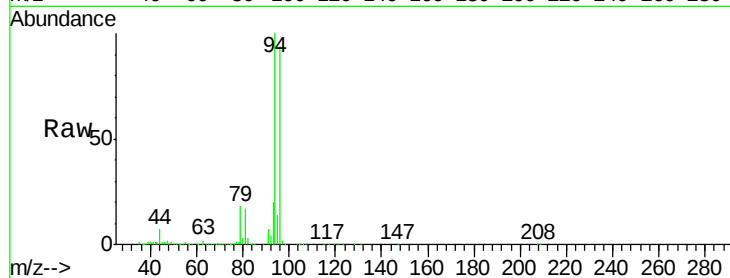
96 93.9 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 46.723 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019066.D

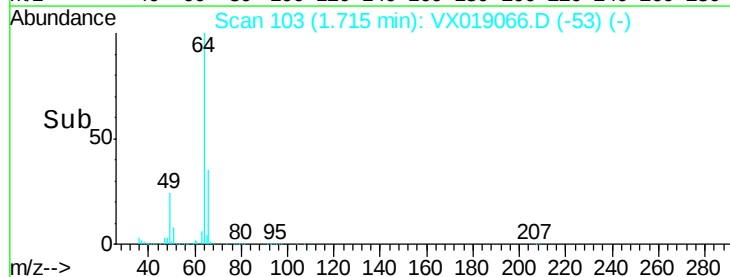
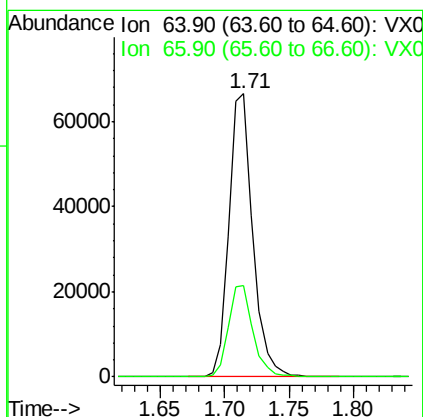
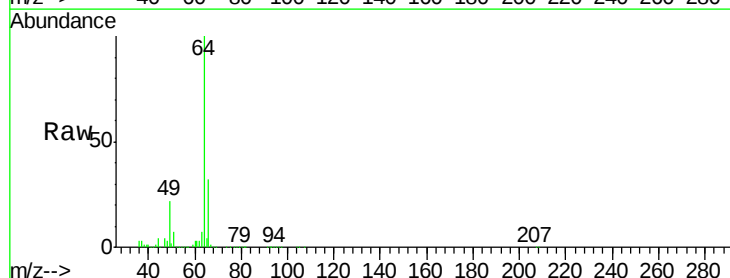
Acq: 23 Oct 2020 06:55

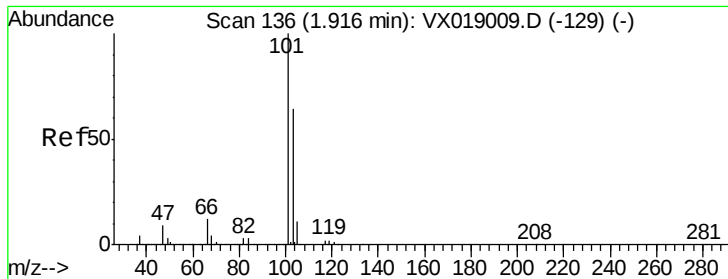
Tgt Ion: 64 Resp: 86690

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5





#7

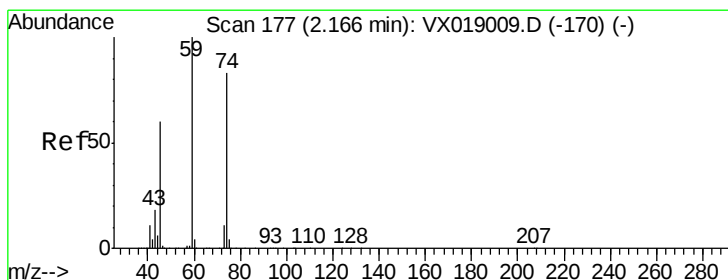
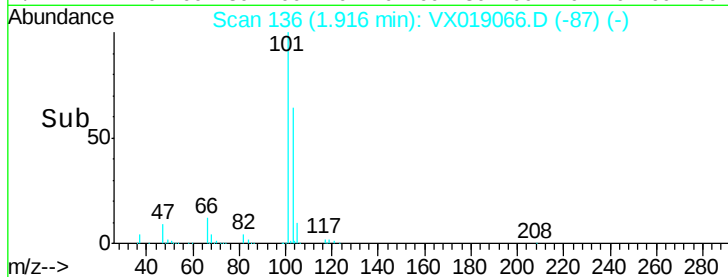
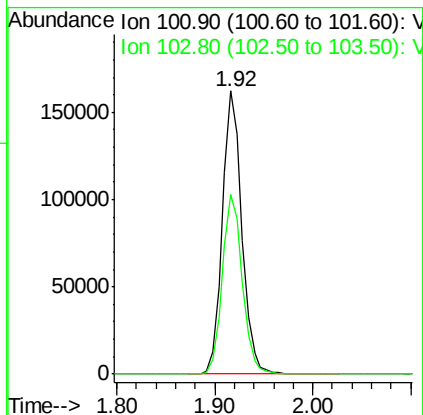
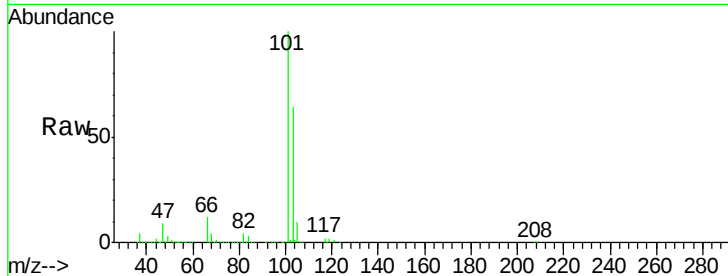
Trichlorofluoromethane
Concen: 50.260 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.2	76.8

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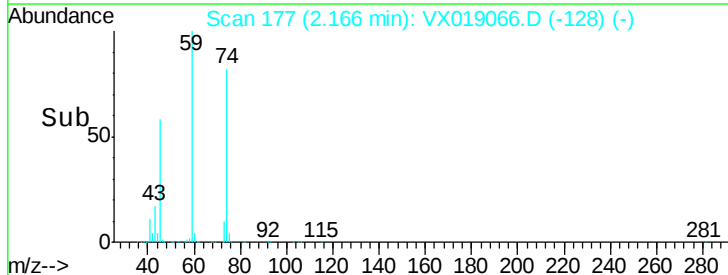
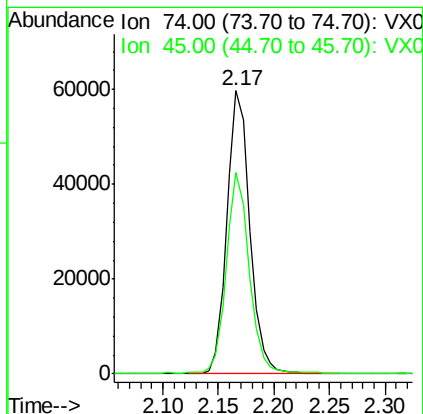
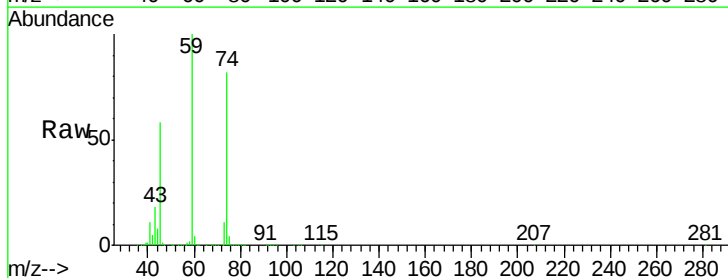
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10/23/2020 5:24:42 PM

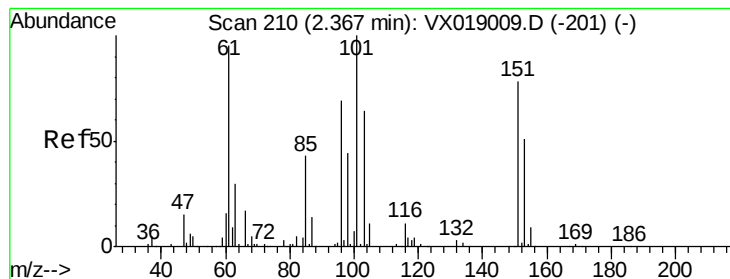


#8

Diethyl Ether
Concen: 48.820 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	70.9	36.8	110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.923 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

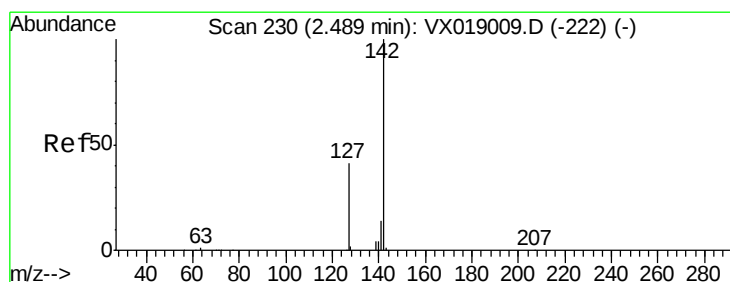
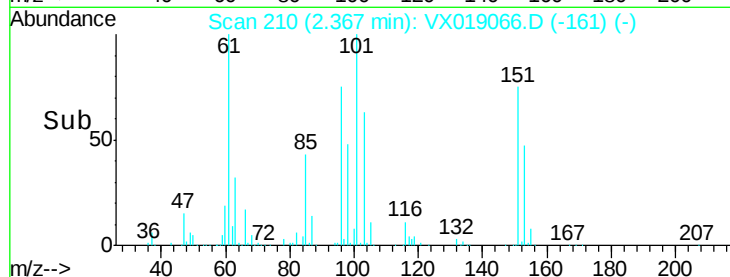
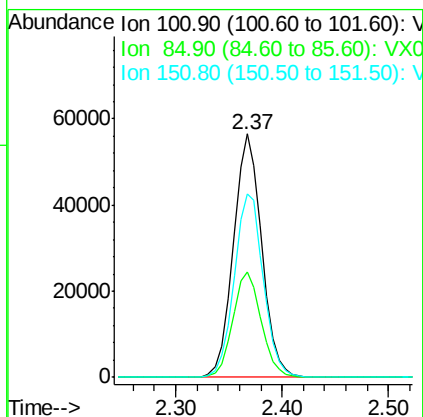
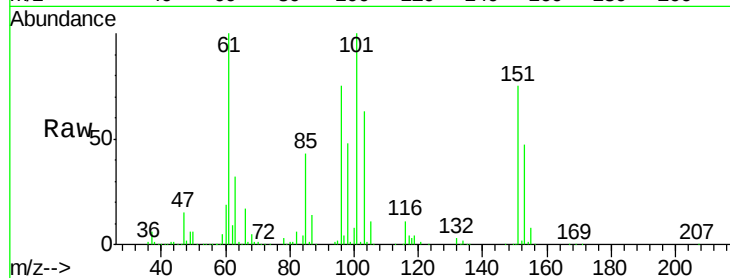
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105213
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.2	52.8
151	77.7	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 29.883 ug/l

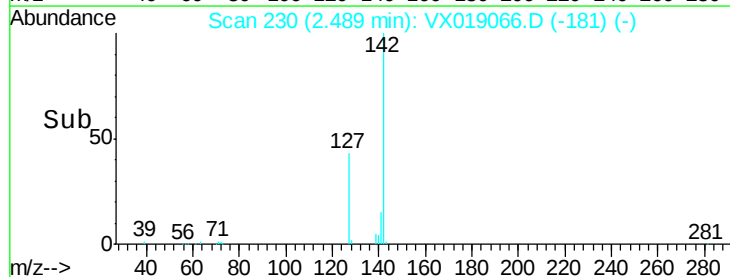
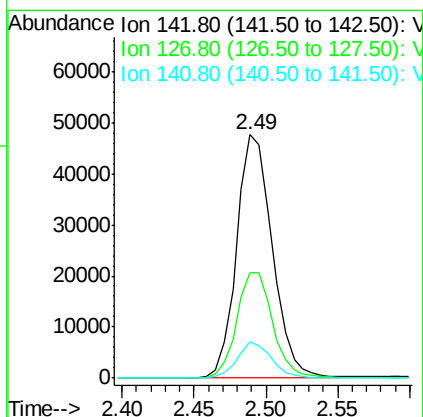
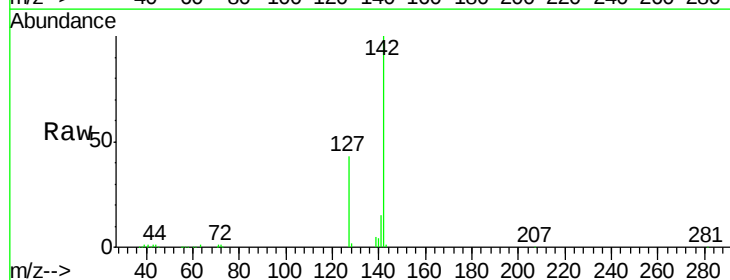
RT: 2.49 min Scan# 230

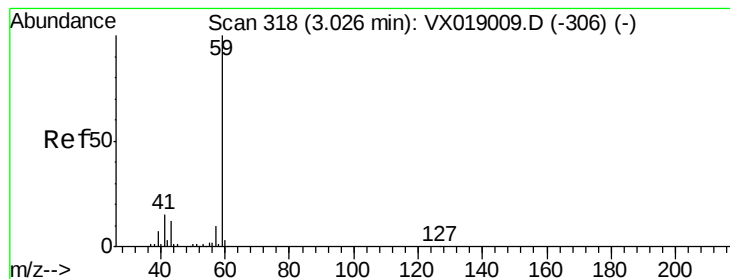
Delta R.T. 0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion:	142	Resp:	82504
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.6	50.4
141	14.3	11.2	16.8





#11

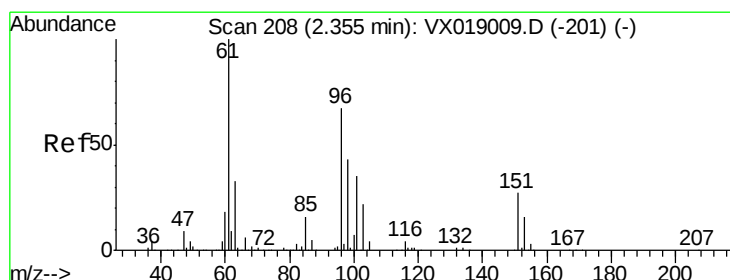
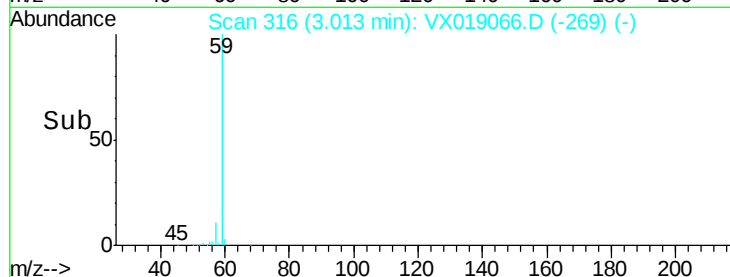
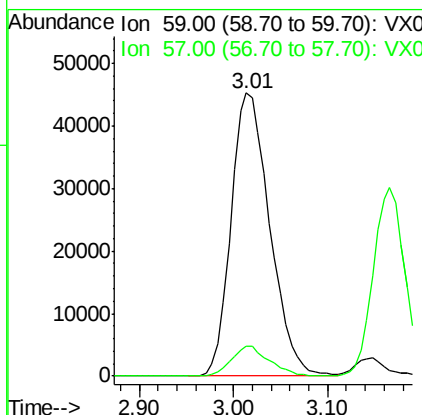
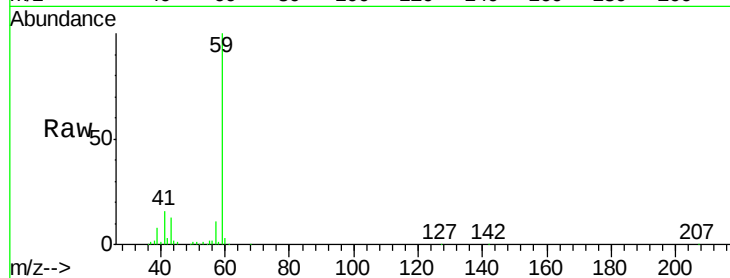
Tert butyl alcohol
 Concen: 237.721 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 129916
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

Manual Integrations
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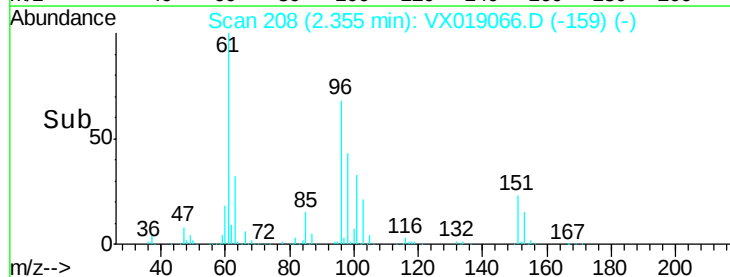
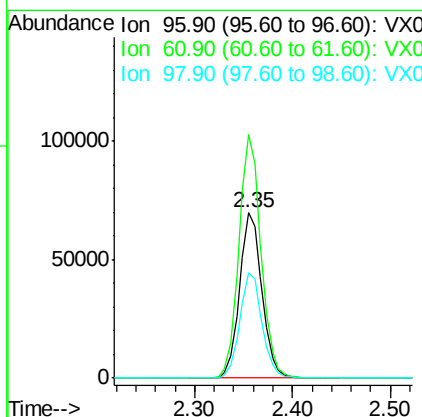
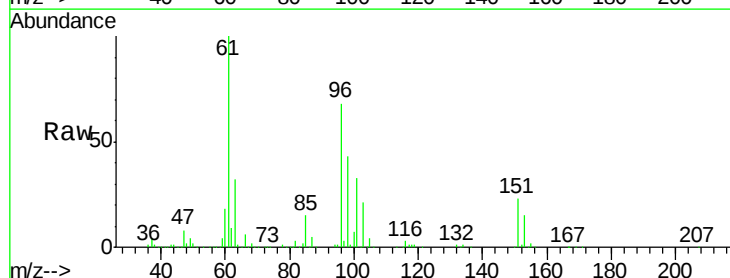
MMDadoda
 10/23/2020 5:24:42 PM

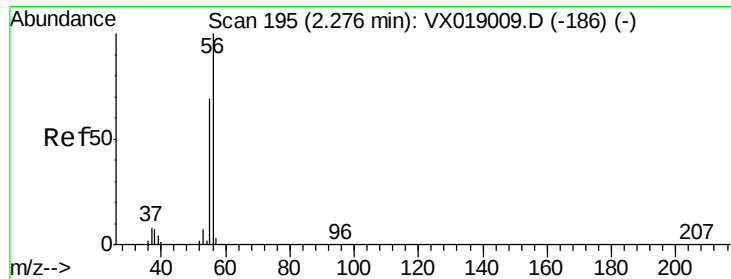


#12

1,1-Dichloroethene
 Concen: 50.262 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 96 Resp: 110205
 Ion Ratio Lower Upper
 96 100
 61 147.5 119.0 178.6
 98 63.9 51.0 76.4





#13

Acrolein

Concen: 166.539 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 33329

Ion Ratio Lower Upper

56 100

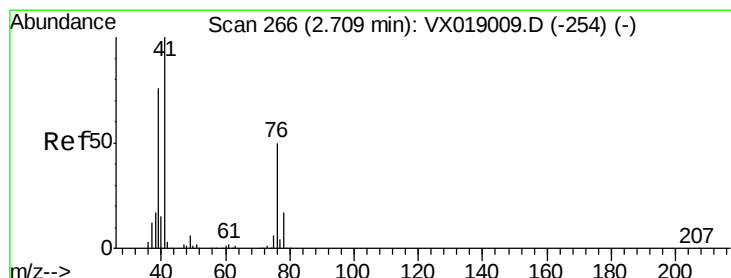
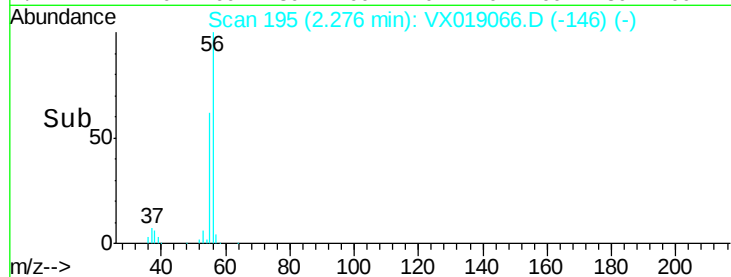
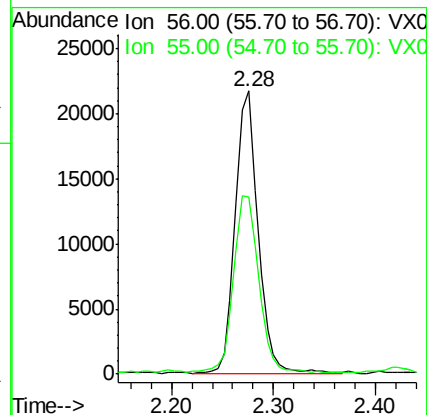
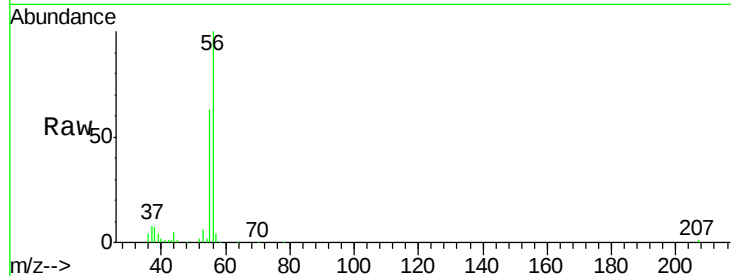
55 69.1 54.2 81.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.728 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

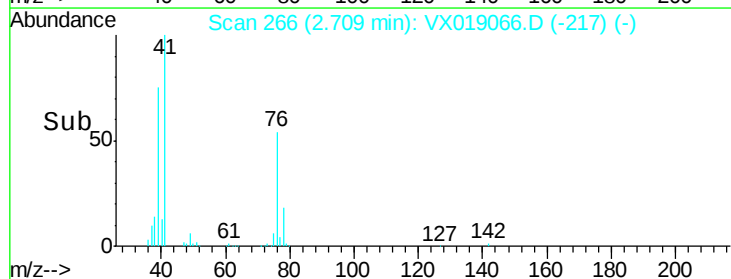
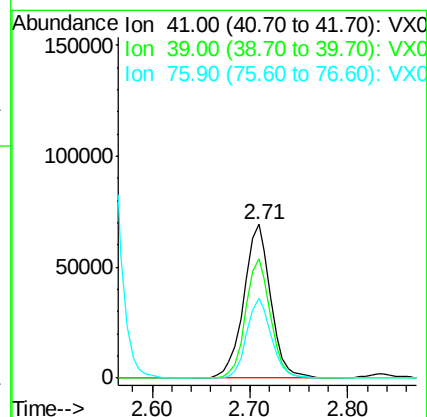
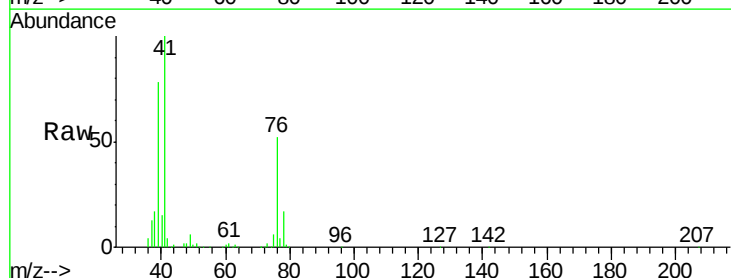
Tgt Ion: 41 Resp: 132543

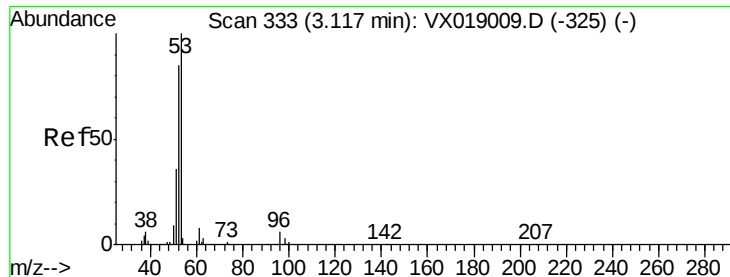
Ion Ratio Lower Upper

41 100

39 71.7 57.4 86.0

76 47.0 37.7 56.5





#15

Acrylonitrile

Concen: 241.860 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

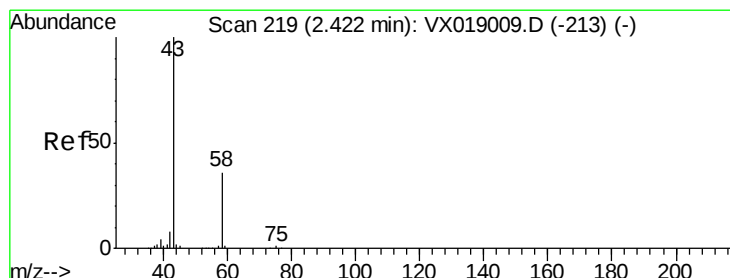
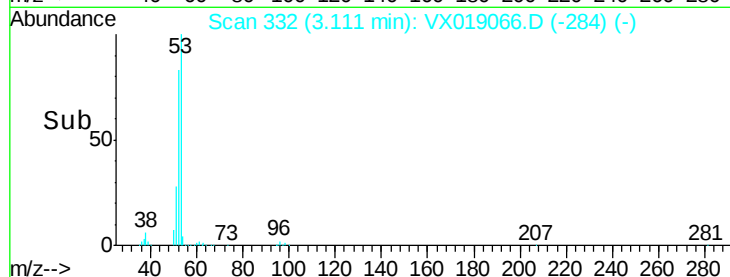
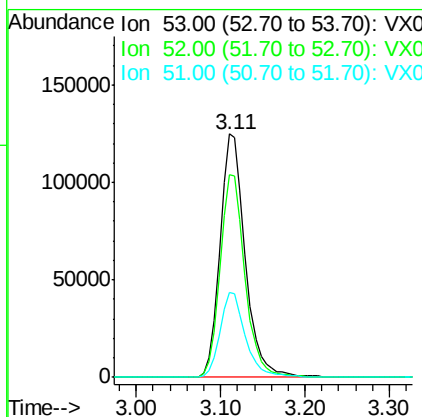
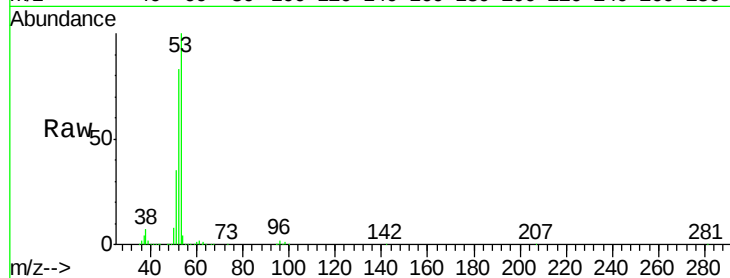
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	255599
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.9	98.9
51	35.2	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 236.760 ug/l

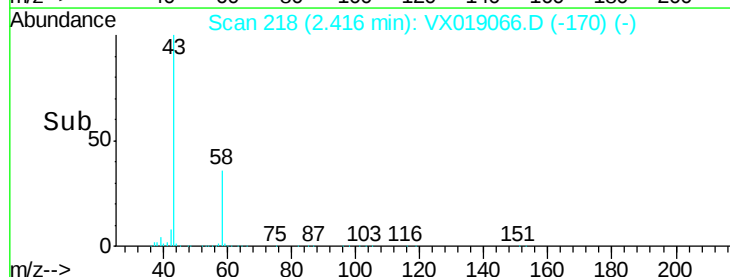
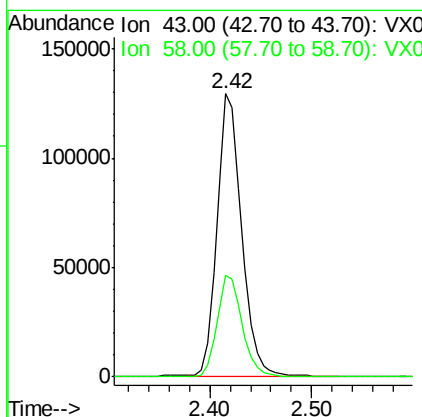
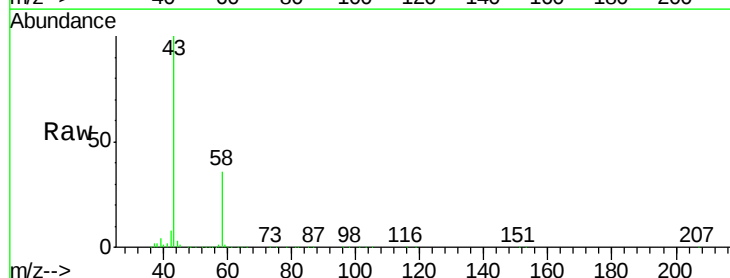
RT: 2.42 min Scan# 218

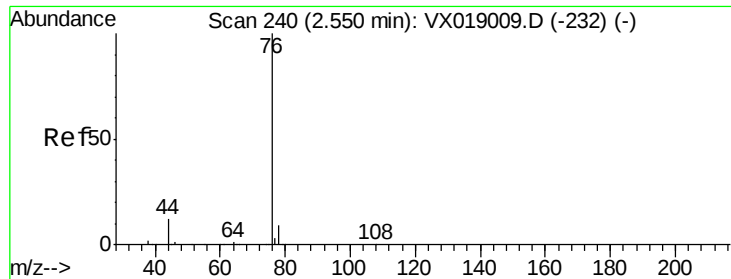
Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion:	43	Resp:	217604
Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.6	42.8





#17

Carbon Disulfide

Concen: 45.637 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 288585

Ion Ratio Lower Upper

76 100

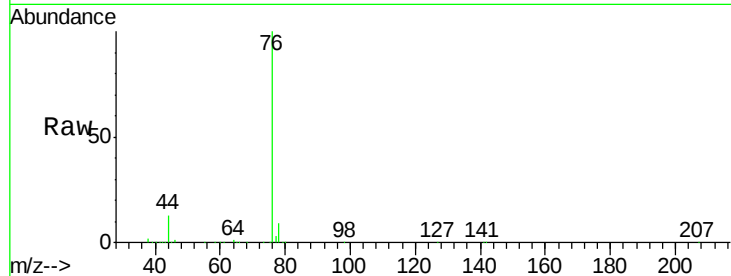
78 9.2 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

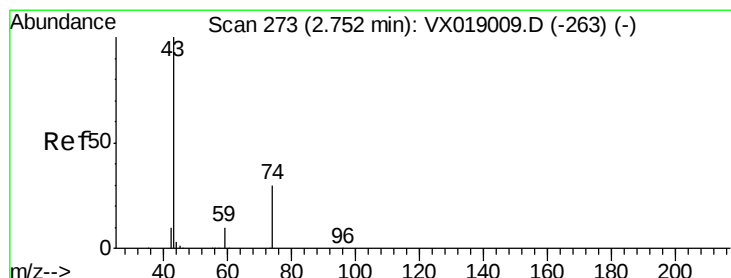
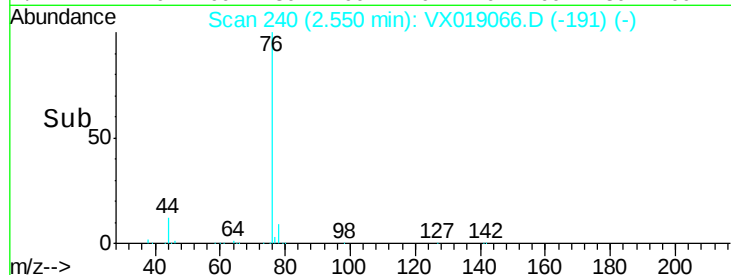
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.159 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019066.D

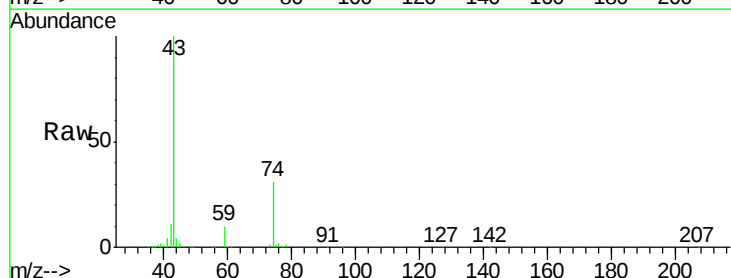
Acq: 23 Oct 2020 06:55

Tgt Ion: 43 Resp: 121240

Ion Ratio Lower Upper

43 100

74 32.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

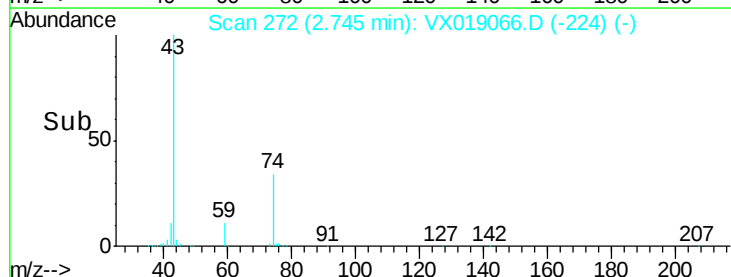
60000

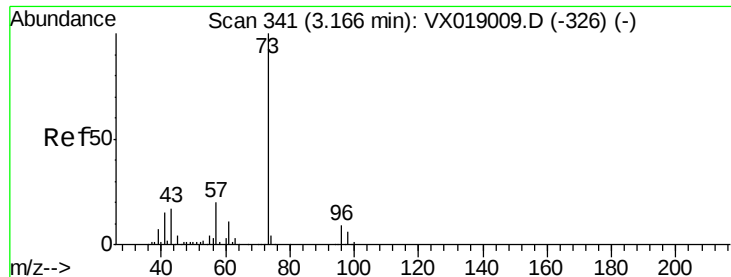
40000

20000

0

Time-->





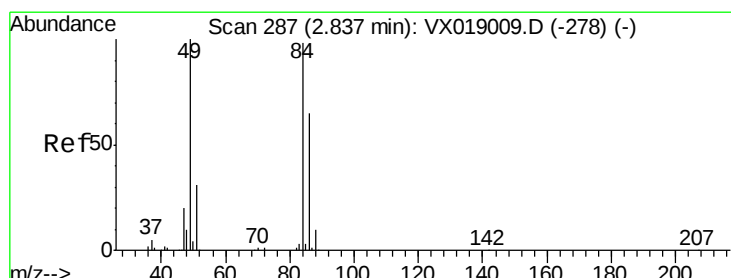
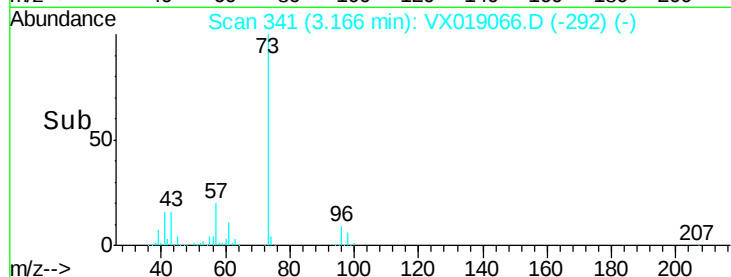
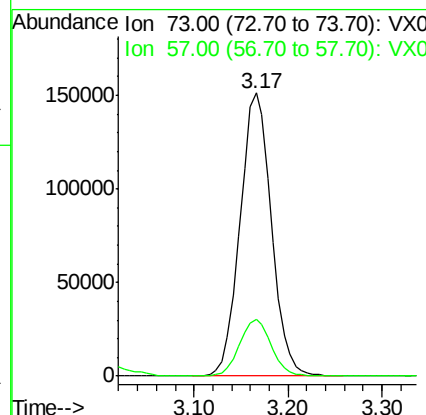
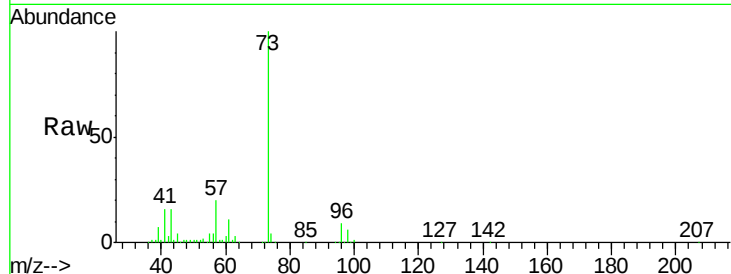
#19
Methyl tert-butyl Ether
Concen: 50.624 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 351602
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.2

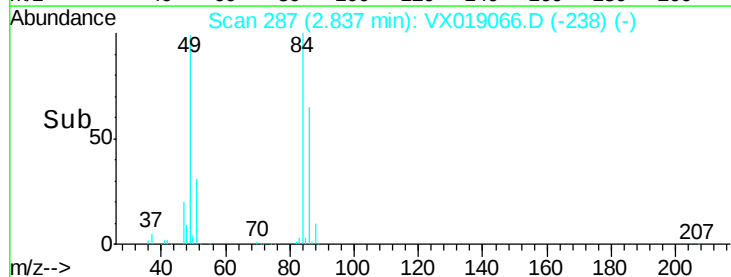
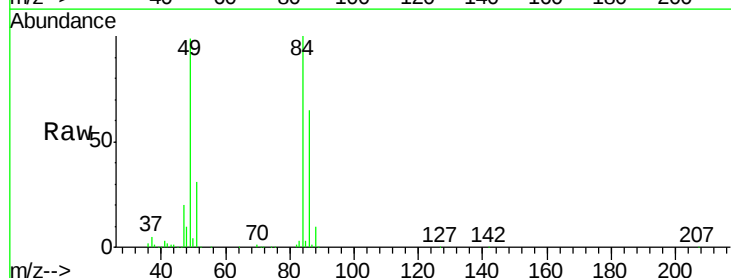
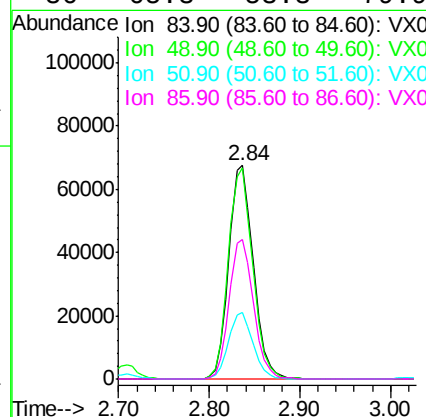
Manual Integrations
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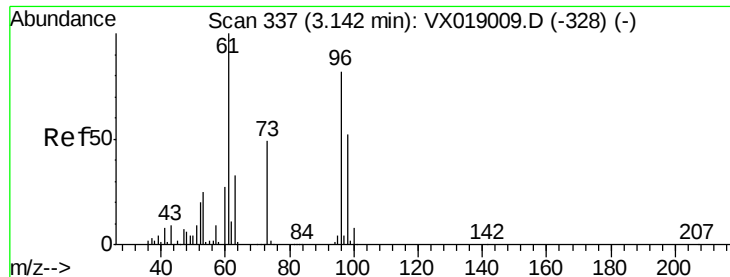
MMDadoda
10/23/2020 5:24:42 PM



#20
Methylene Chloride
Concen: 49.530 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 84 Resp: 126733
Ion Ratio Lower Upper
84 100
49 99.0 81.6 122.4
51 31.4 25.6 38.4
86 65.3 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 49.137 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 125716

Ion Ratio Lower Upper

96 100

61 119.5 97.8 146.6

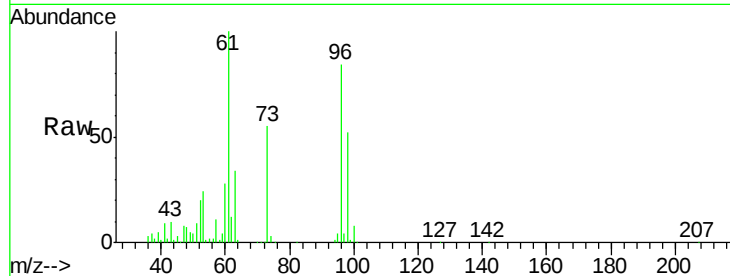
98 61.5 50.7 76.1

Manual Integrations

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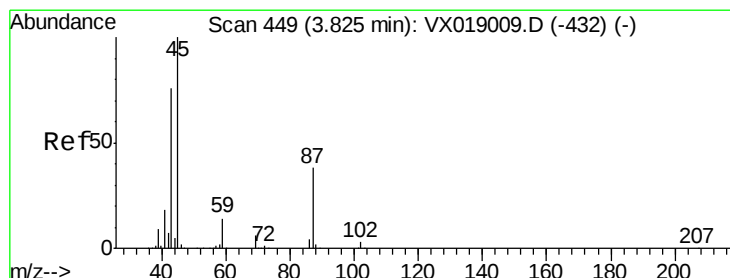
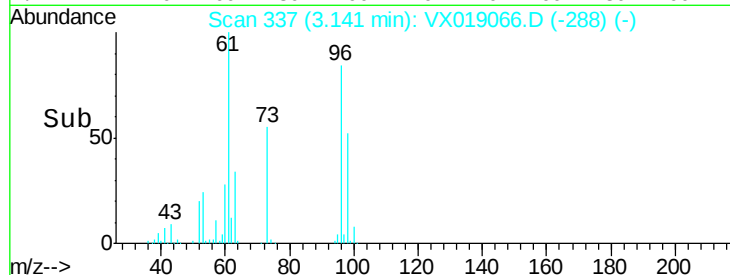
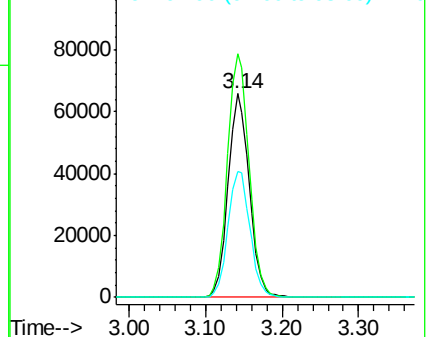


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.140 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion: 45 Resp: 280447

Ion Ratio Lower Upper

45 100

43 72.0 60.4 90.6

87 38.1 30.4 45.6

59 13.7 11.2 16.8

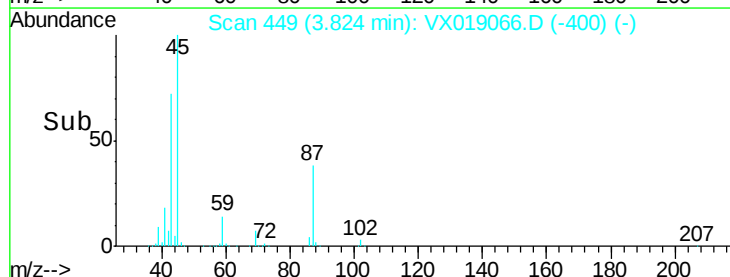
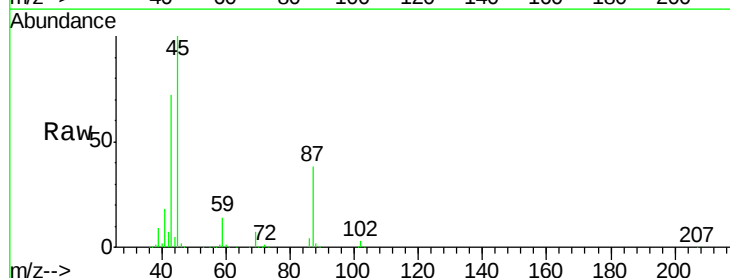
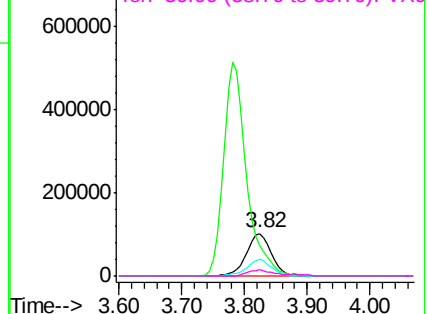
Abundance

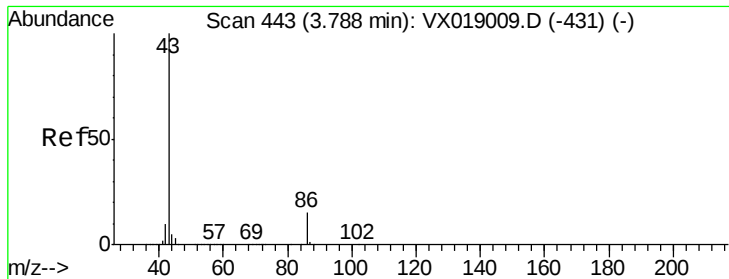
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.095 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1301716

Ion Ratio Lower Upper

43 100

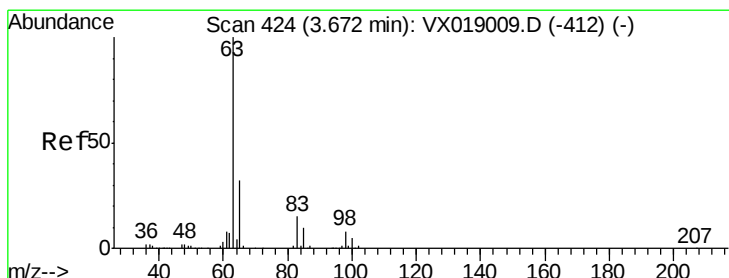
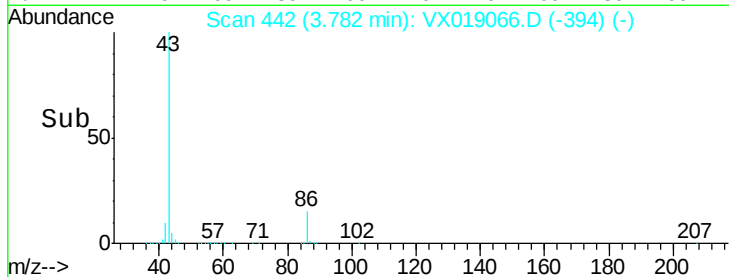
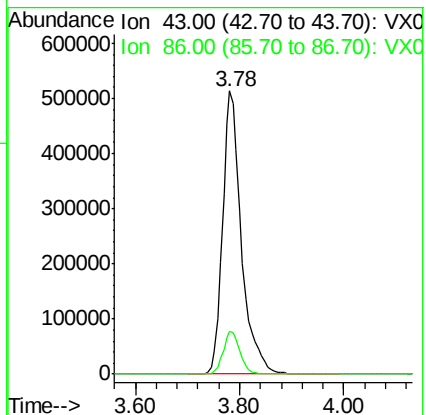
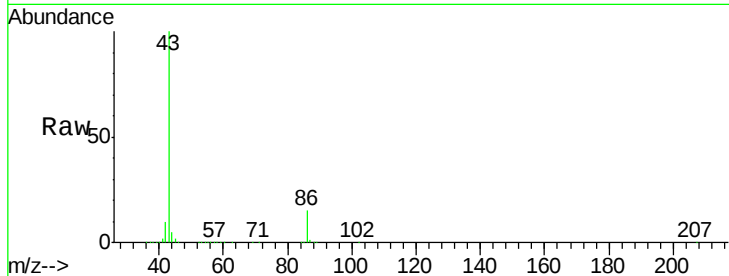
86 15.0 11.7 17.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.101 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

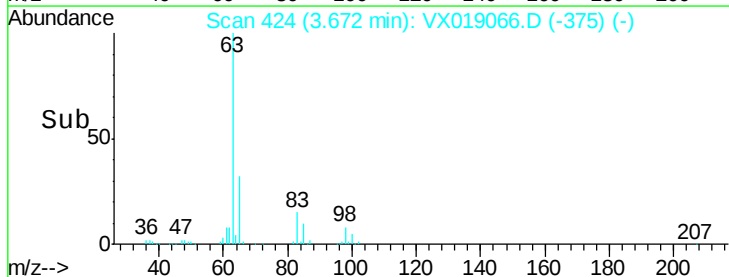
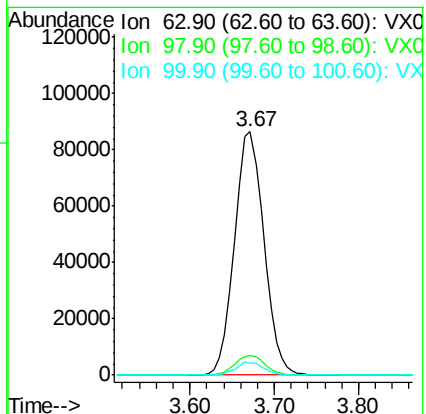
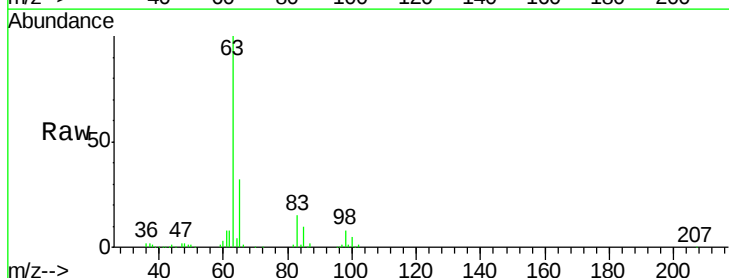
Tgt Ion: 63 Resp: 204078

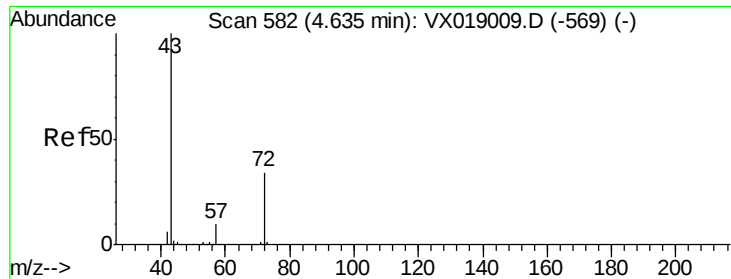
Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.0

100 5.1 2.5 7.4





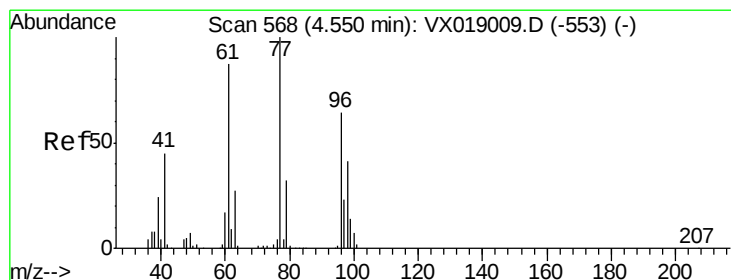
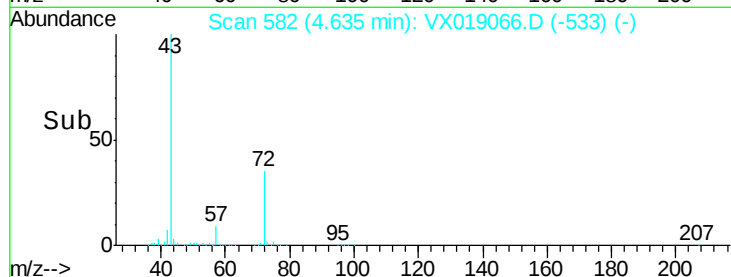
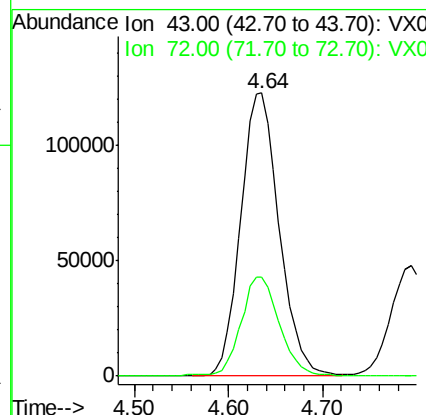
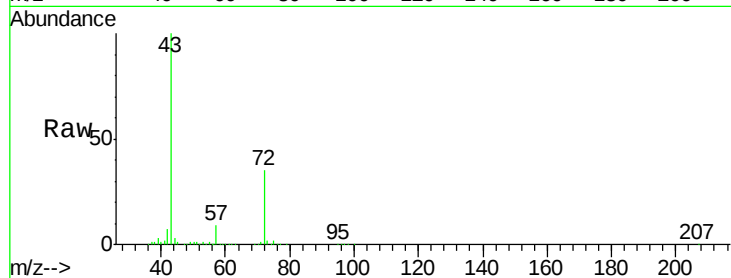
#25
2-Butanone
Concen: 241.322 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 350458
Ion Ratio Lower Upper
43 100
72 34.7 27.8 41.6

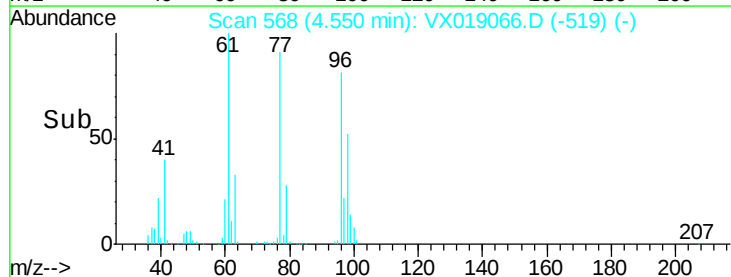
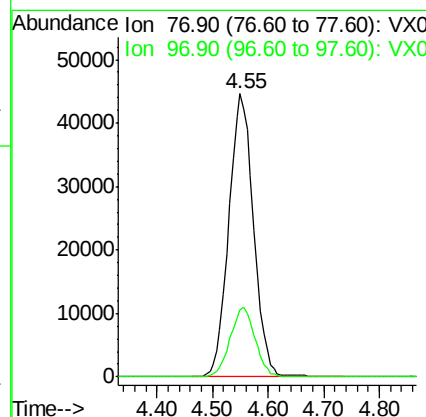
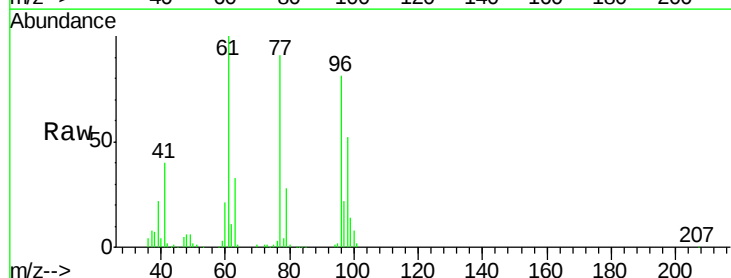
Manual Integrations
APPROVED

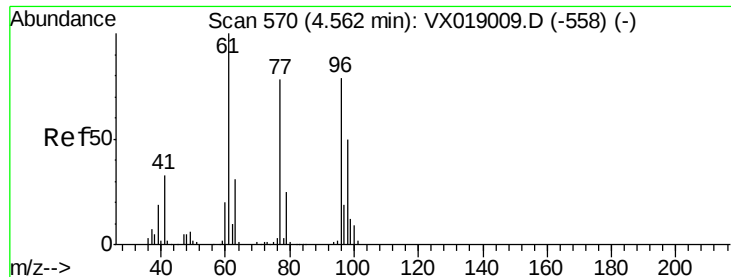
MMDadoda
10/23/2020 5:24:42 PM



#26
2,2-Dichloropropane
Concen: 36.396 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 77 Resp: 136884
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.7





#27

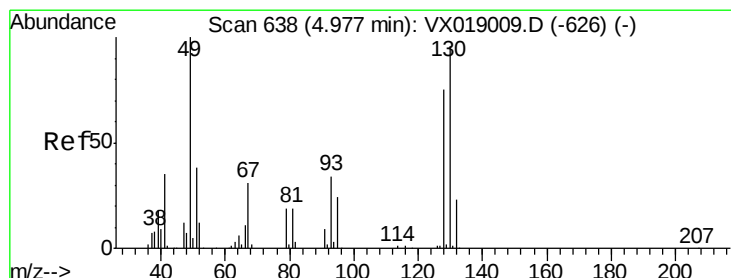
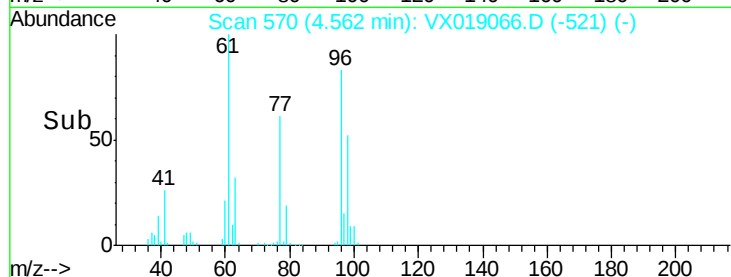
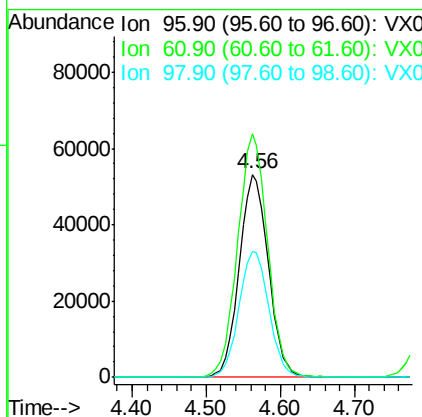
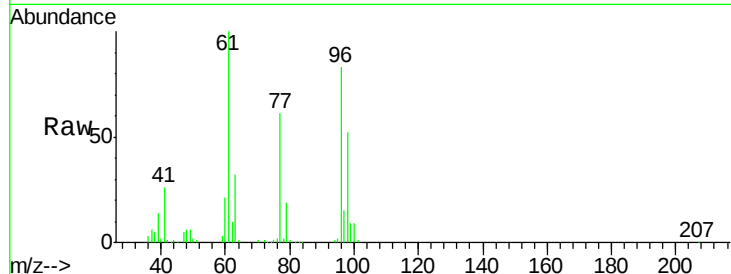
cis-1,2-Dichloroethene
Concen: 50.449 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146483		
61	123.3		0.0	260.0
98	64.0		0.0	131.4

Manual Integrations
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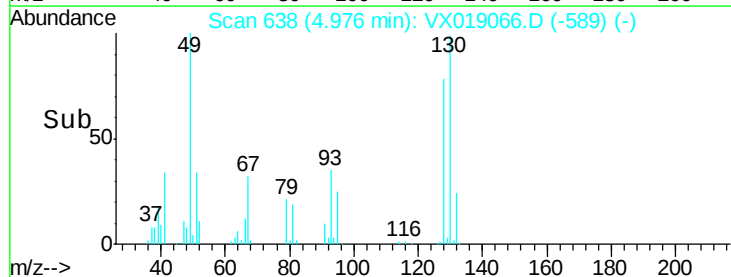
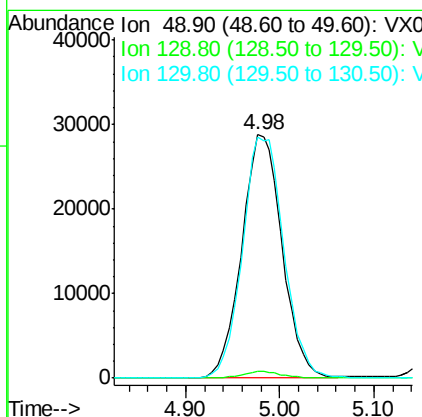
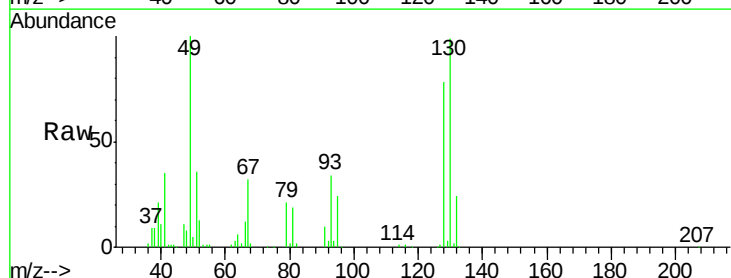
MMDadoda
10/23/2020 5:24:42 PM

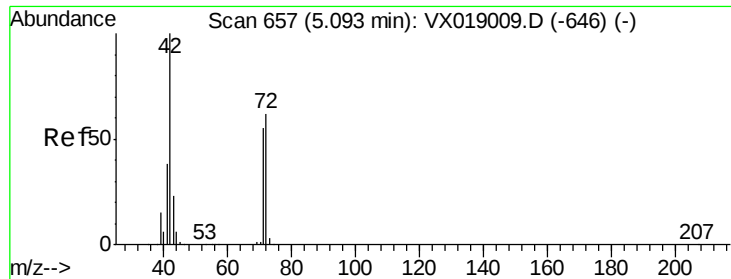


#28

Bromochloromethane
Concen: 50.137 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86719		
129	2.6		0.0	5.2
130	101.1		79.0	118.6





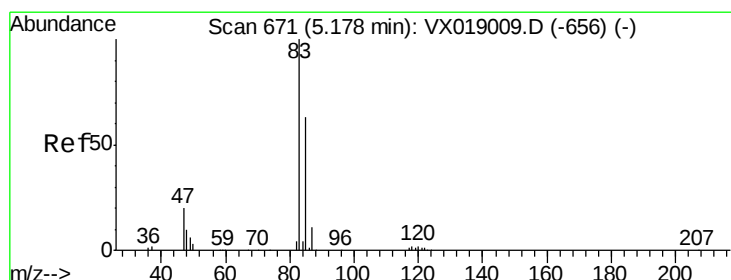
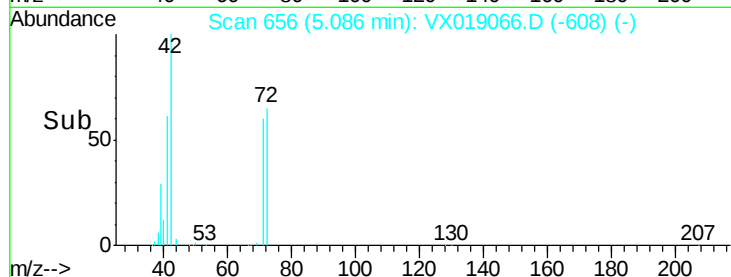
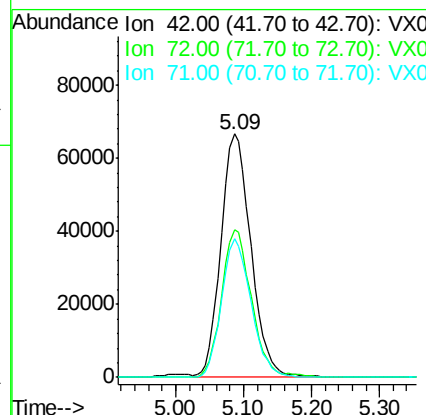
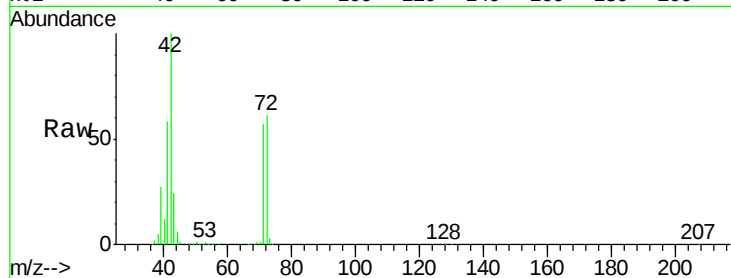
#29
Tetrahydrofuran
Concen: 234.067 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	203171
Ion Ratio		Lower	Upper
42	100		
72	61.1	49.1	73.7
71	56.5	44.2	66.4

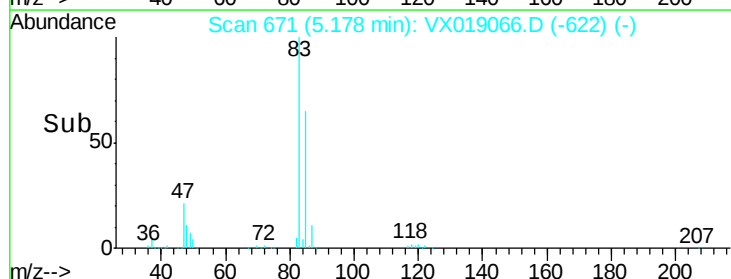
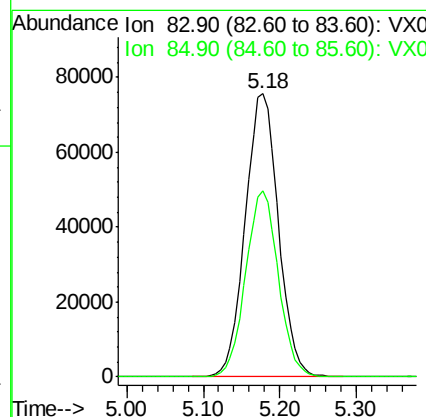
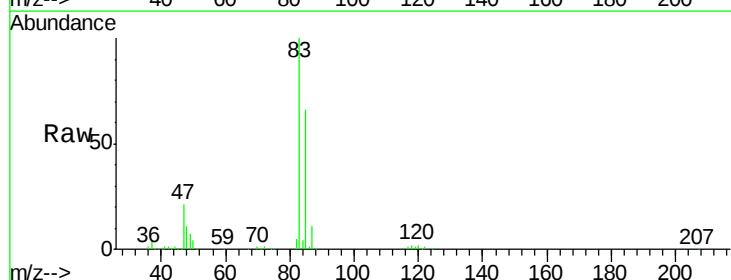
Manual Integrations
APPROVED

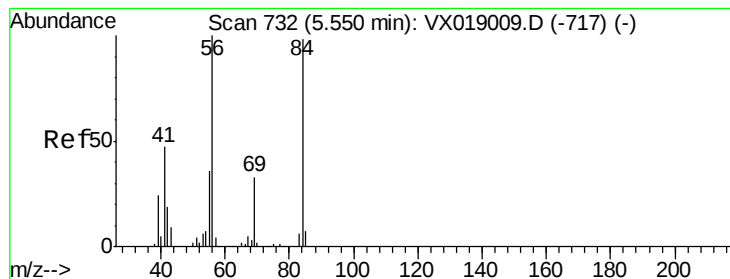
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#30
Chloroform
Concen: 51.498 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion:	83	Resp:	227740
Ion Ratio		Lower	Upper
83	100		
85	65.5	50.5	75.7





#31

Cyclohexane

Concen: 49.422 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

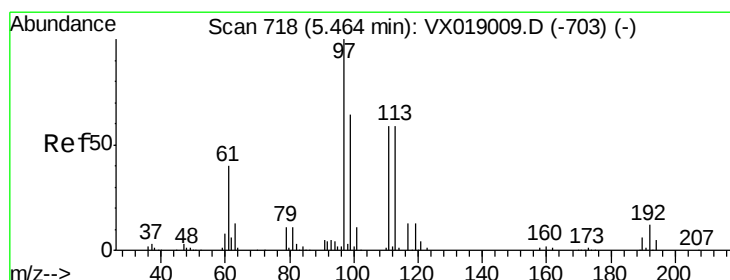
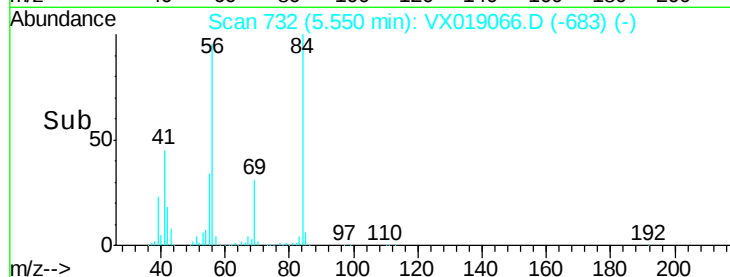
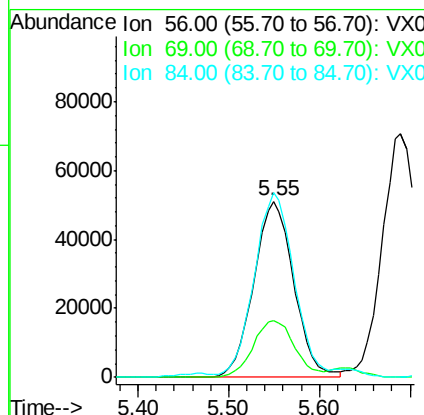
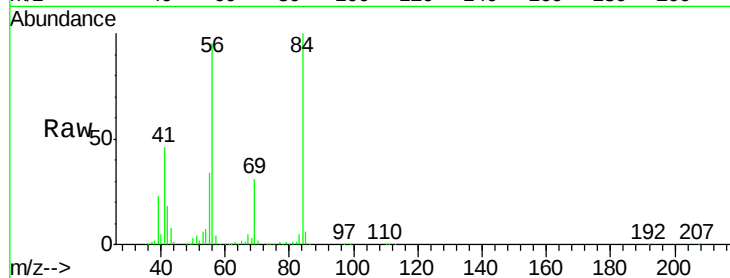
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	156168
Ion Ratio	Lower	Upper	
56	100		
69	32.0	26.2	39.2
84	102.8	78.3	117.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.097 ug/l

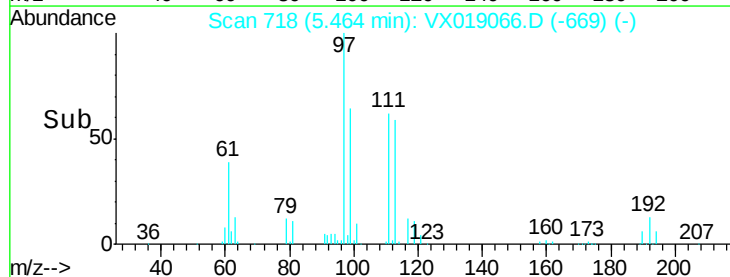
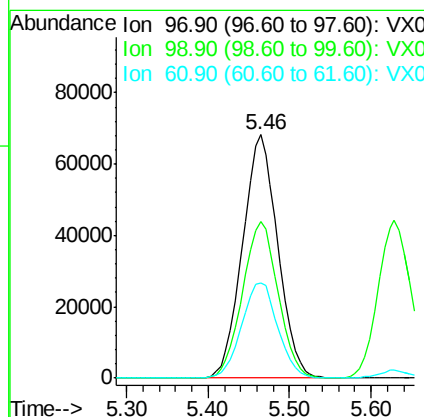
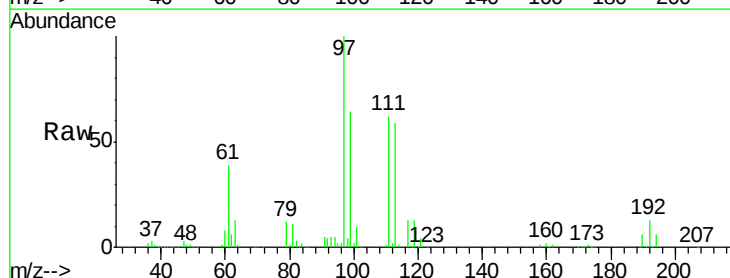
RT: 5.46 min Scan# 718

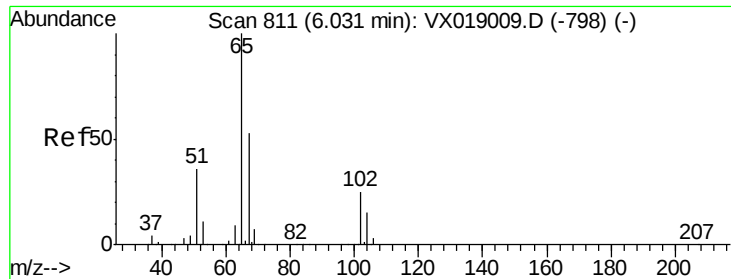
Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion:	97	Resp:	204942
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.3	76.9
61	40.2	31.9	47.9





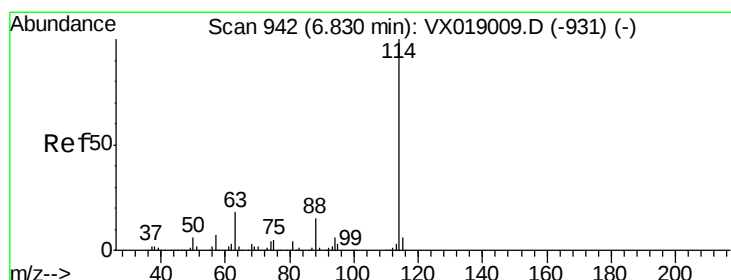
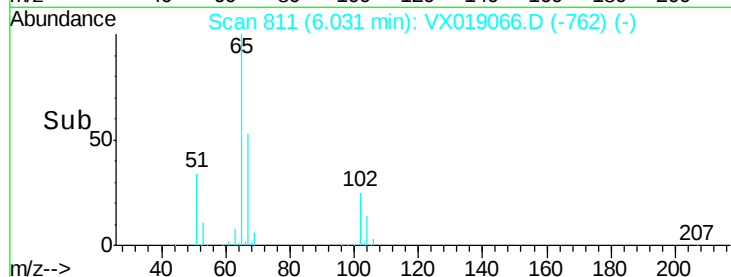
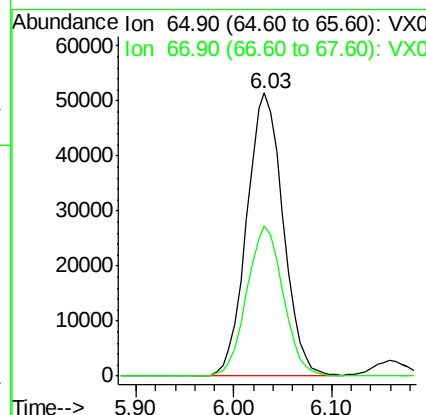
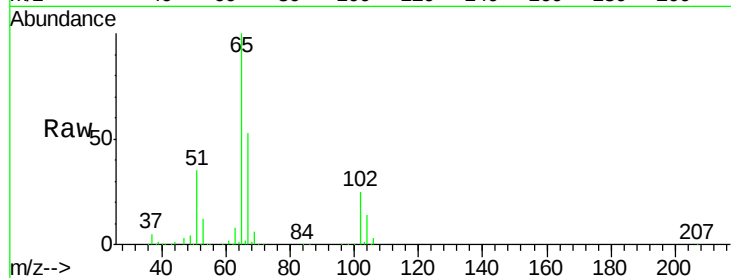
#33
 1,2-Dichloroethane-d4
 Concen: 49.370 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0

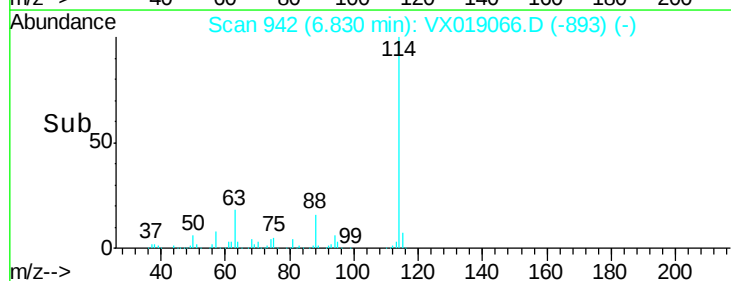
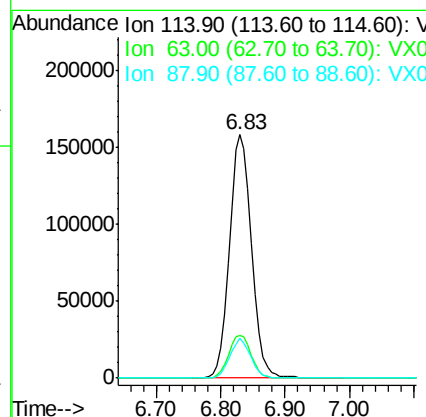
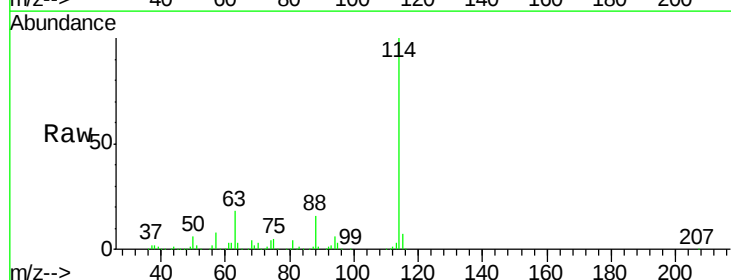
Manual Integrations
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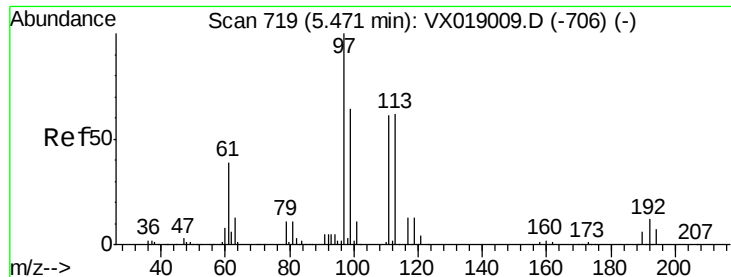
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.8
88	16.3	0.0	30.2





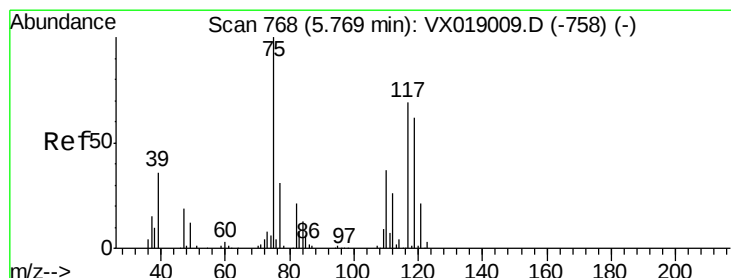
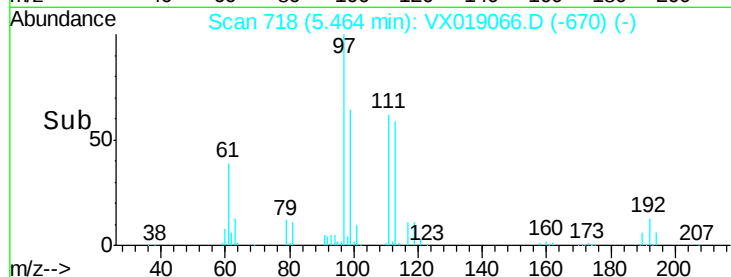
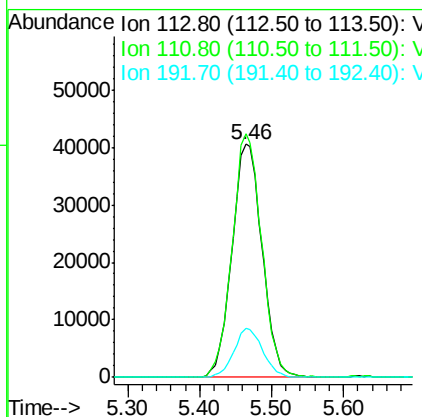
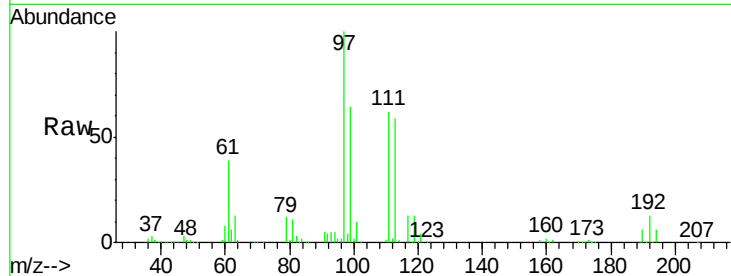
#35
 Dibromofluoromethane
 Concen: 48.713 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	20.3	16.3	24.5

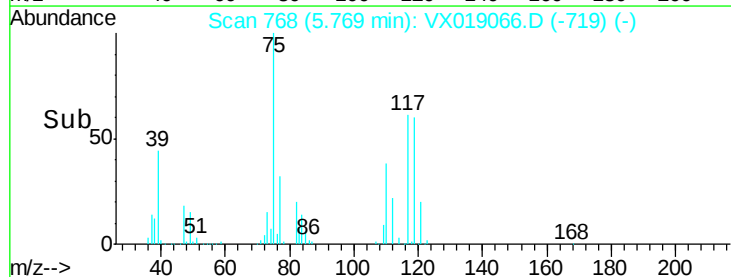
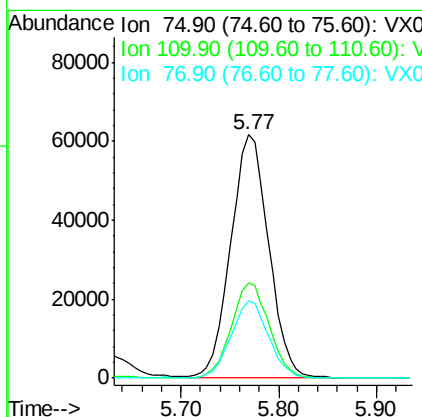
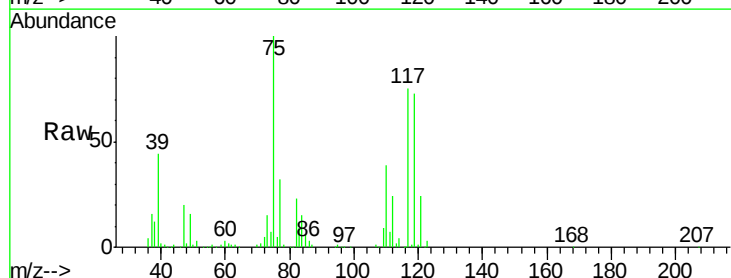
Manual Integrations
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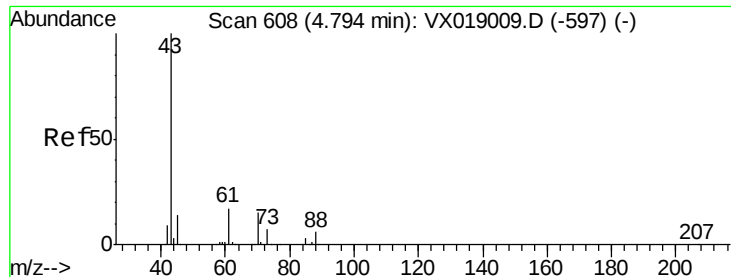
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#36
 1,1-Dichloropropene
 Concen: 48.113 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.4	58.2
77	31.6	25.2	37.8





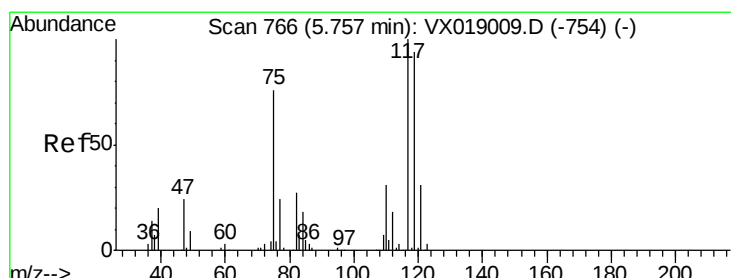
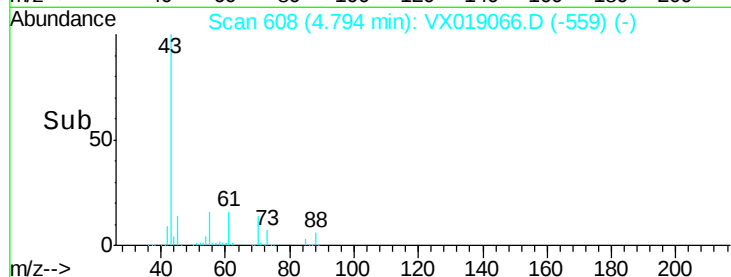
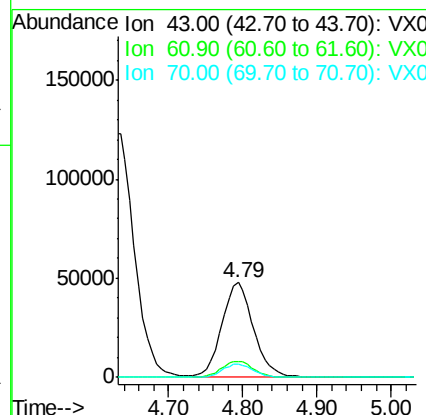
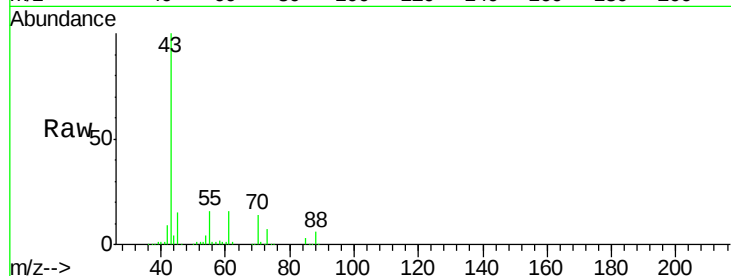
#37
Ethyl Acetate
Concen: 47.921 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.8	20.8
70	14.2	11.4	17.2

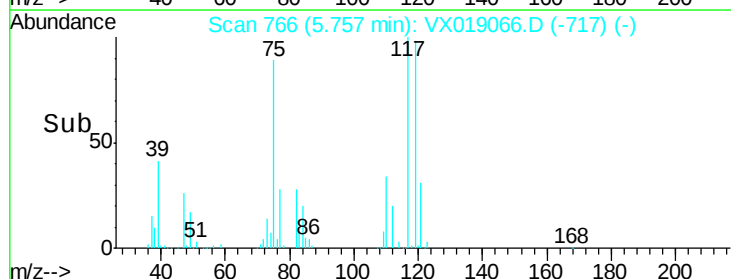
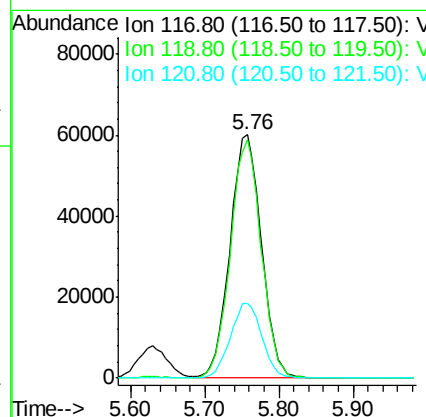
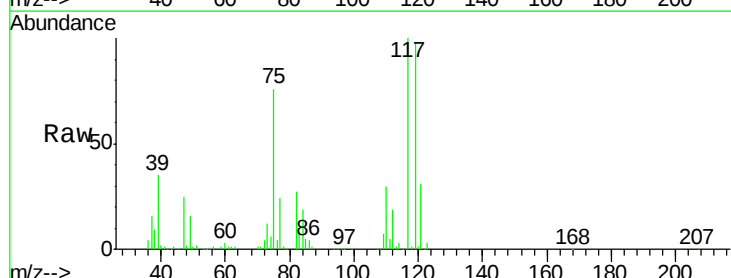
Manual Integrations
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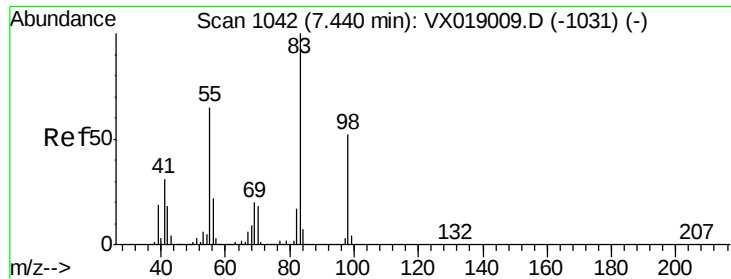
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#38
Carbon Tetrachloride
Concen: 49.026 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
121	30.9	25.0	37.6





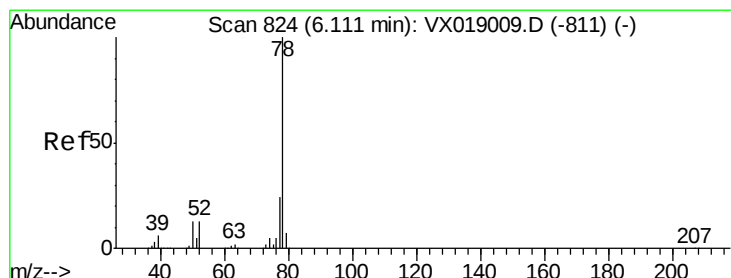
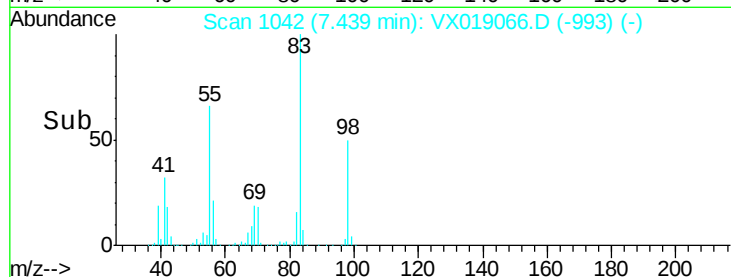
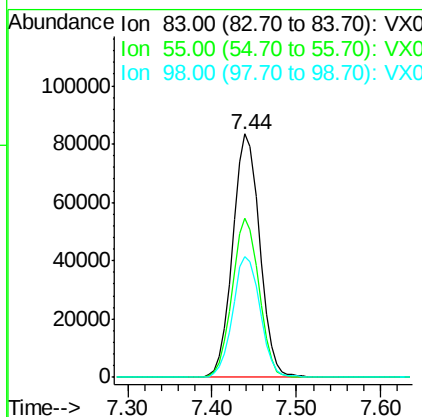
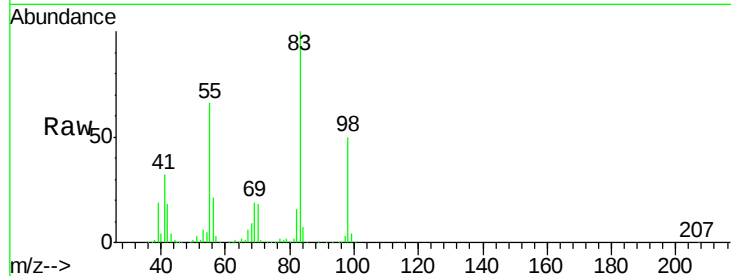
#39
Methvlcvclohexane
Concen: 47.045 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	51.8	77.6
98	49.5	41.4	62.2

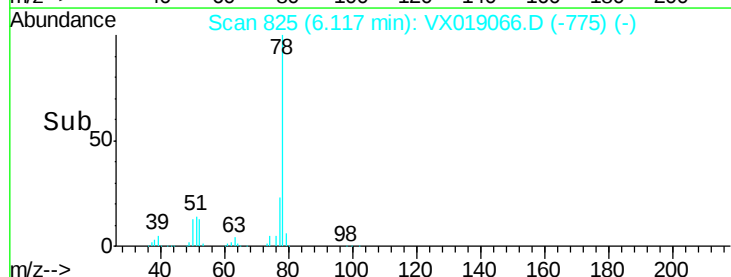
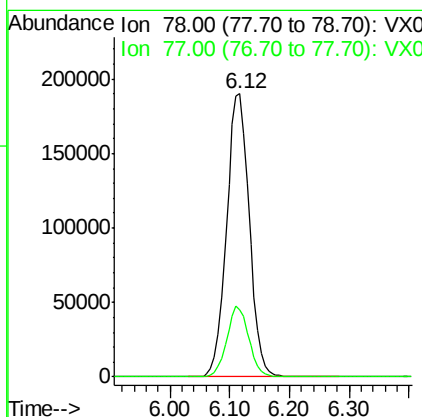
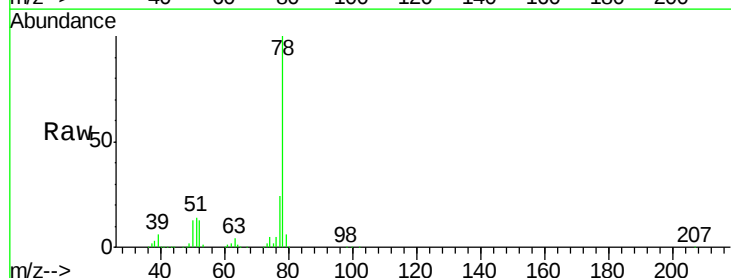
Manual Integrations
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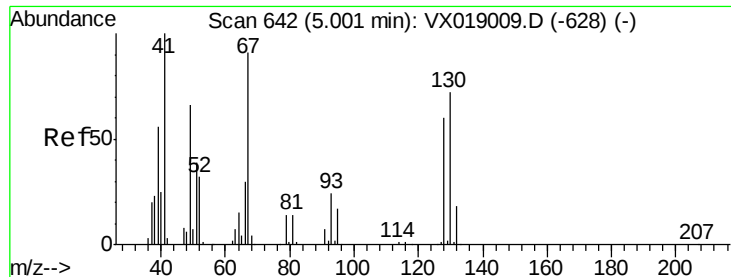
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#40
Benzene
Concen: 49.749 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41

Methacrylonitrile

Concen: 46.868 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 73738

Ion Ratio Lower Upper

41 100

39 56.8 44.6 67.0

67 96.3 76.1 114.1

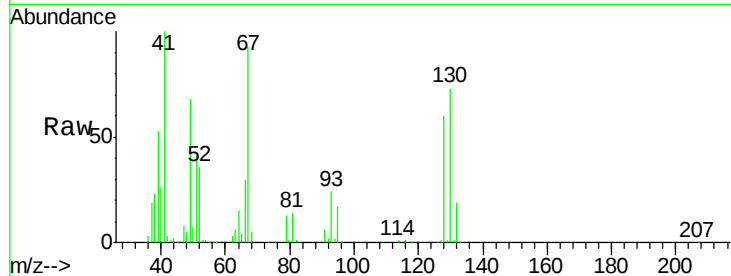
52 37.0 28.3 42.5

Manual Integrations

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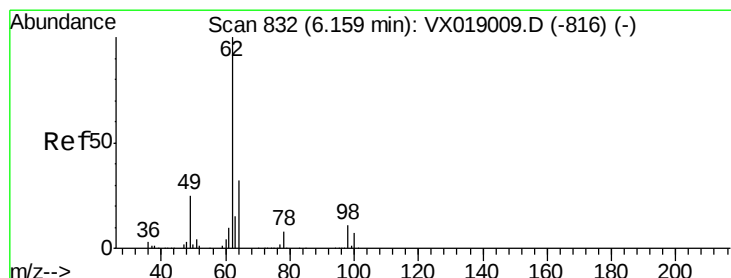
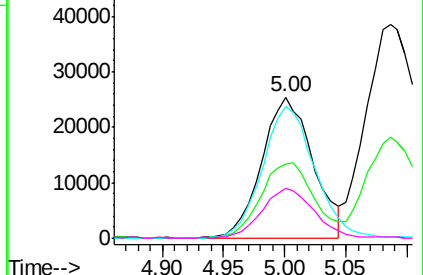
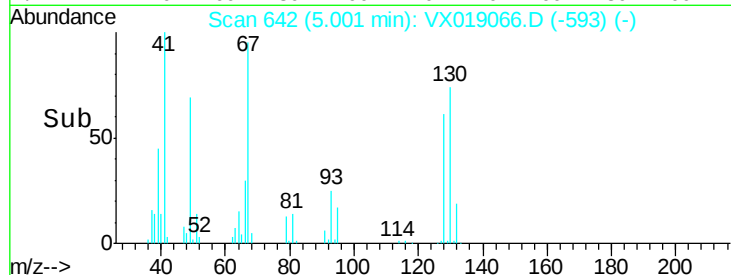


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.484 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019066.D

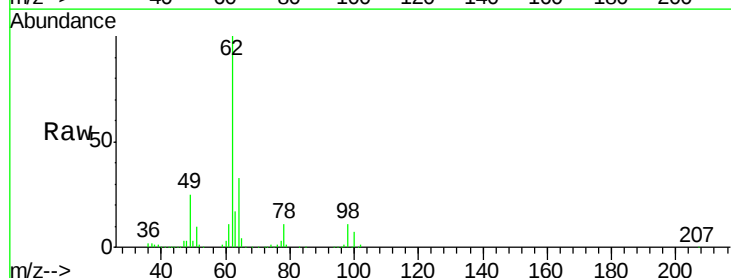
Acq: 23 Oct 2020 06:55

Tgt Ion: 62 Resp: 174121

Ion Ratio Lower Upper

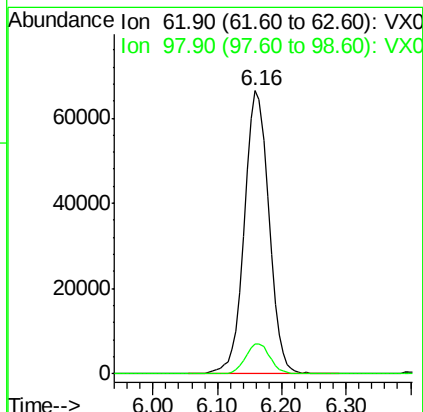
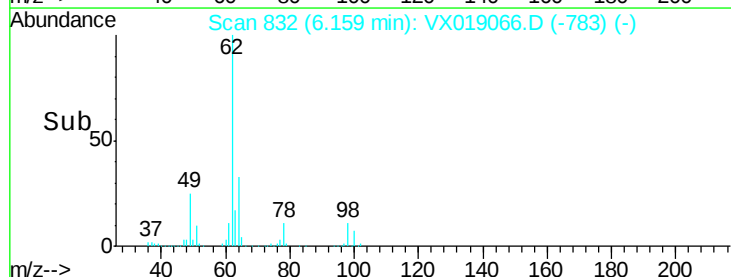
62 100

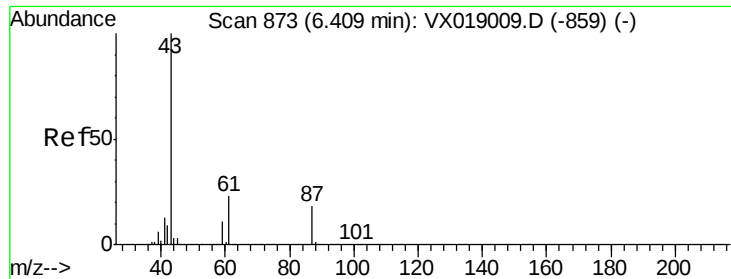
98 10.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

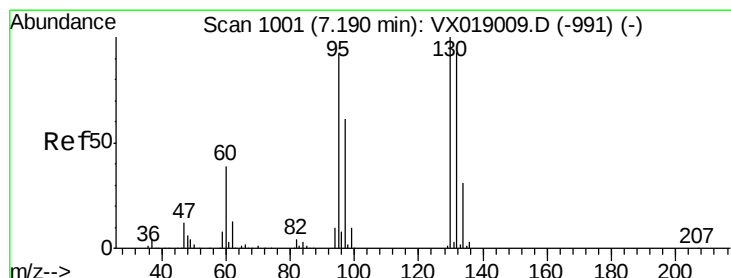
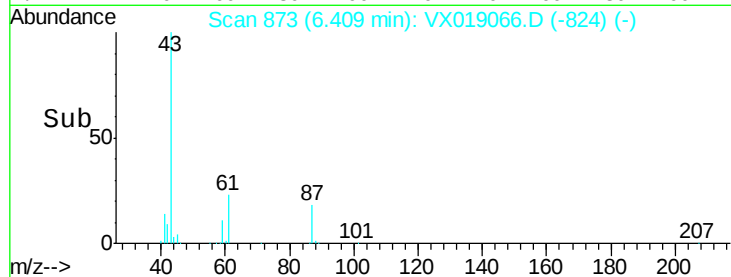
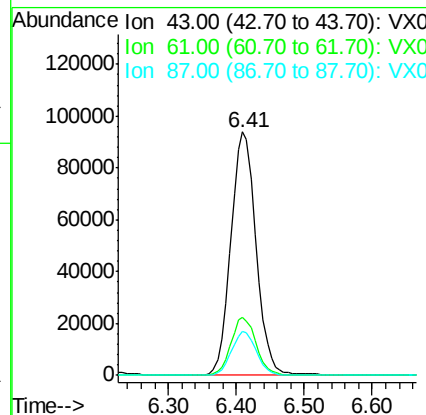
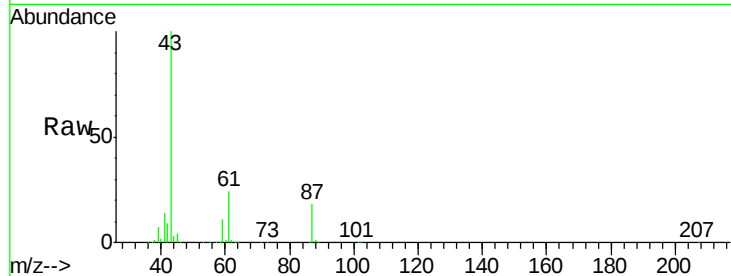
Isopropyl Acetate
 Concen: 48.406 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.8	18.7	28.1
87	17.9	14.2	21.4

Manual Integrations
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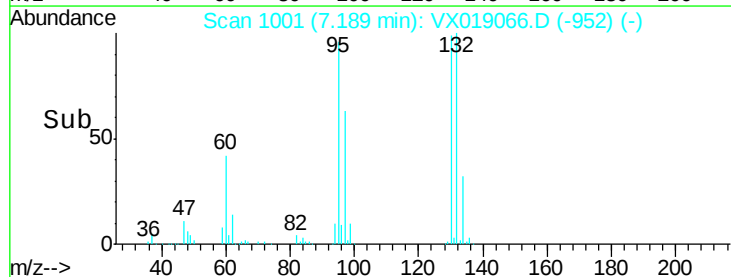
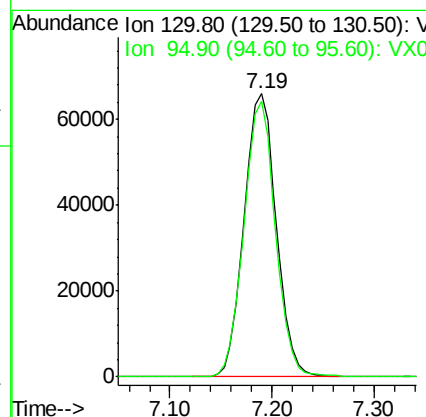
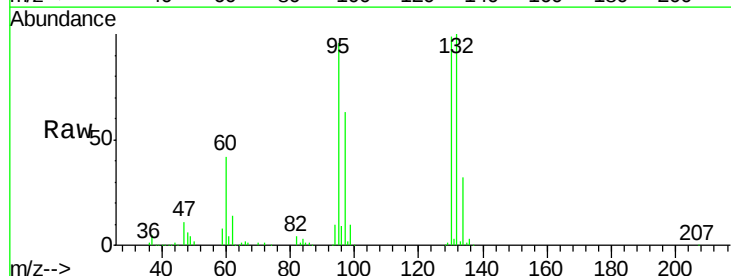
MMDadoda
 10/23/2020 5:24:42 PM

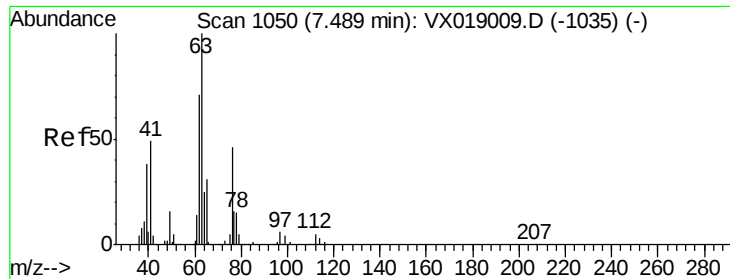


#44

Trichloroethene
 Concen: 49.140 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	184.2





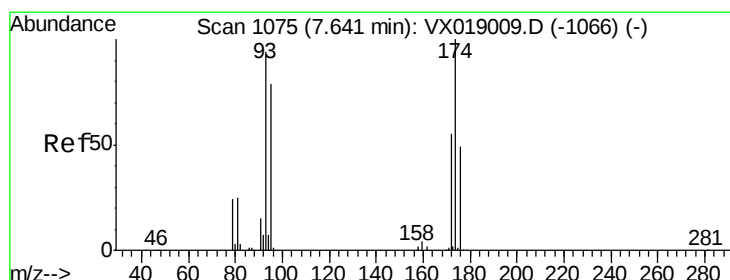
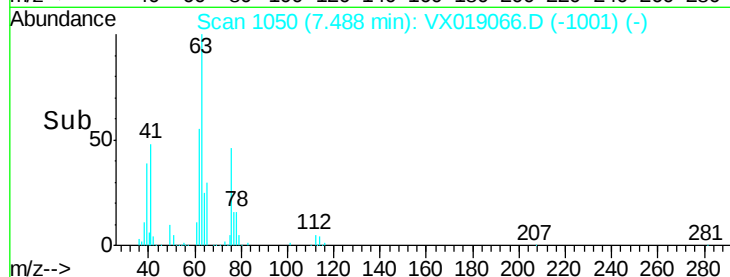
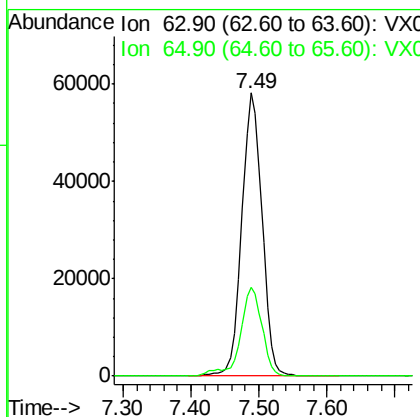
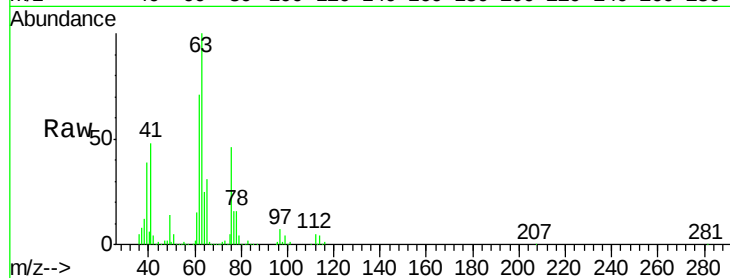
#45
 1,2-Dichloropropane
 Concen: 49.755 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

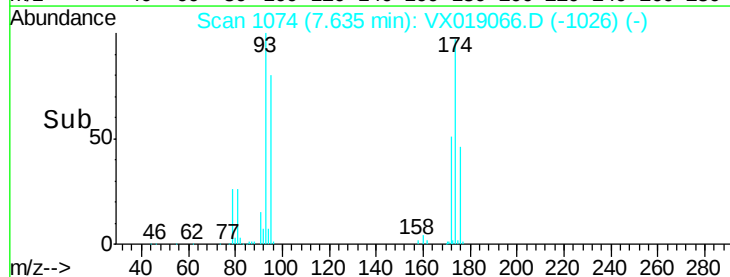
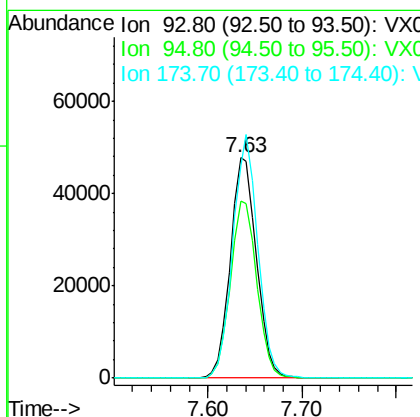
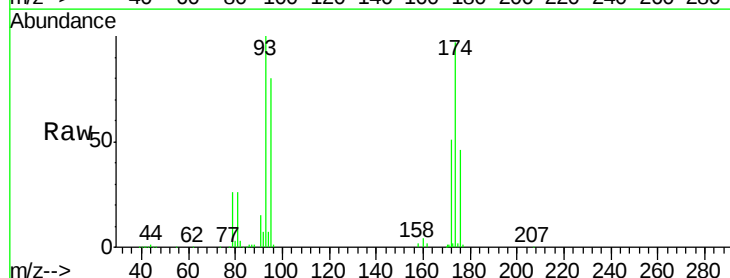
Manual Integrations
 APPROVED

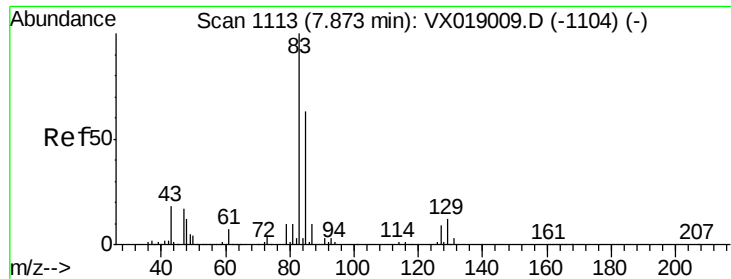
MMDadoda
 10/23/2020 5:24:42 PM



#46
 Dibromomethane
 Concen: 50.144 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.8	100.2
174	105.3	83.8	125.8





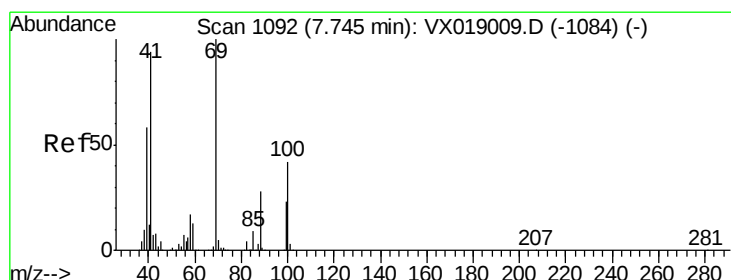
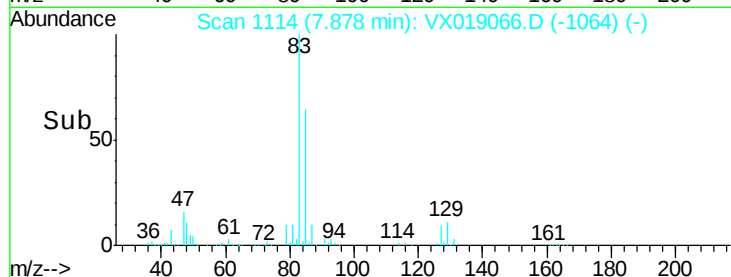
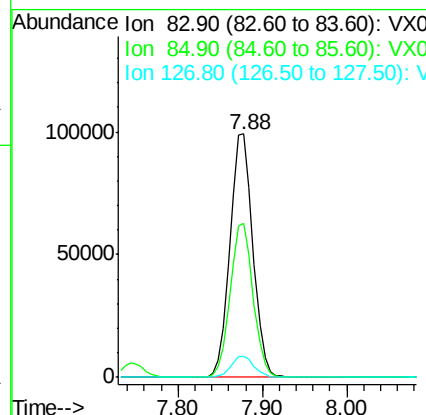
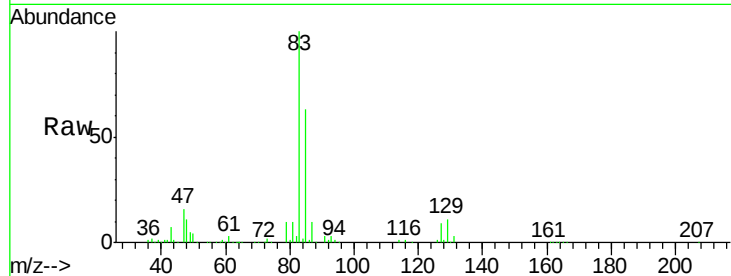
#47
Bromodichloromethane
Concen: 51.128 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	185096		
85	63.4	50.7	76.1	
127	8.8	6.8	10.2	

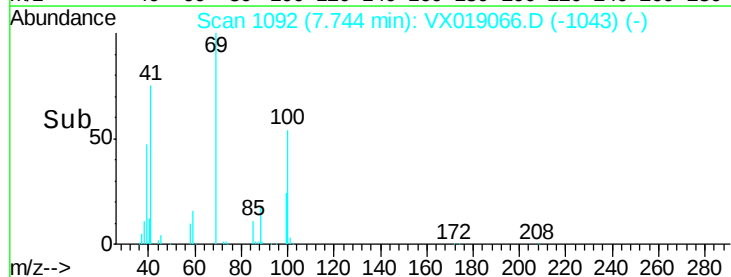
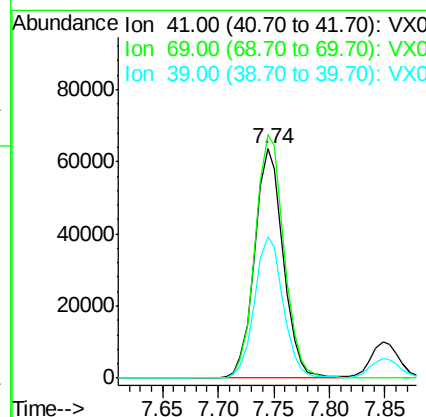
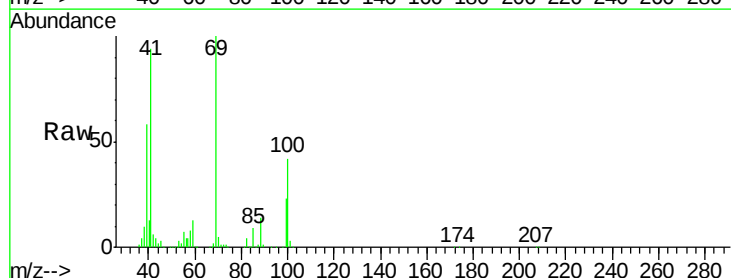
Manual Integrations
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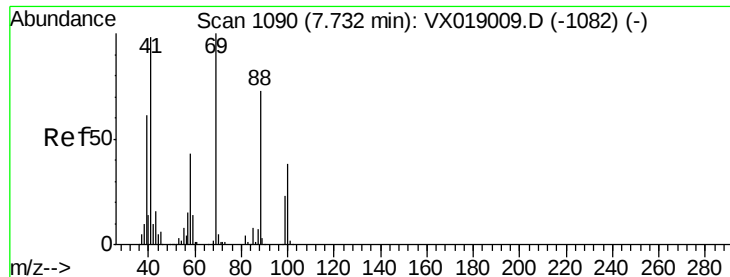
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10/23/2020 5:24:42 PM



#48
Methyl methacrylate
Concen: 46.651 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	114021		
69	107.8	85.5	128.3	
39	62.1	49.3	73.9	





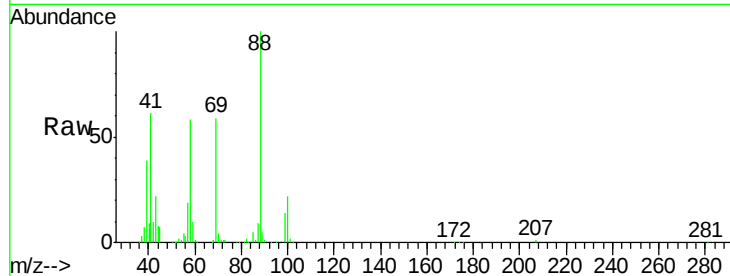
#49
1,4-Dioxane
Concen: 927.006 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.6	20.3	30.5
58	60.7	48.4	72.6

Manual Integrations
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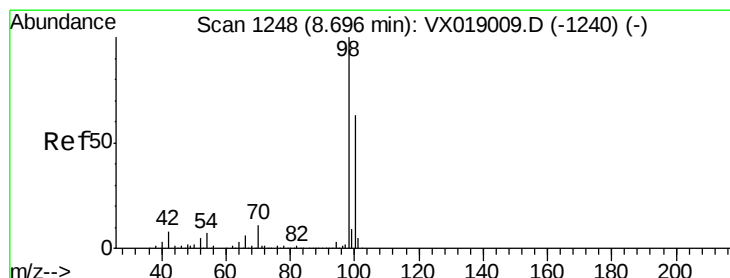
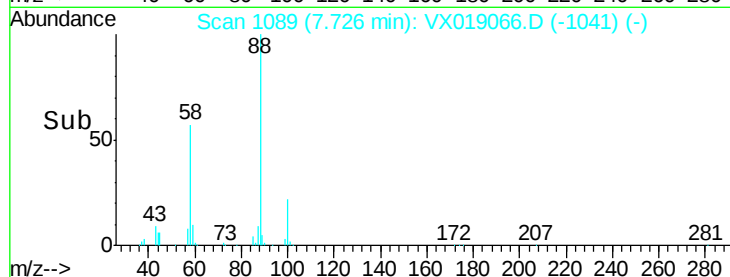
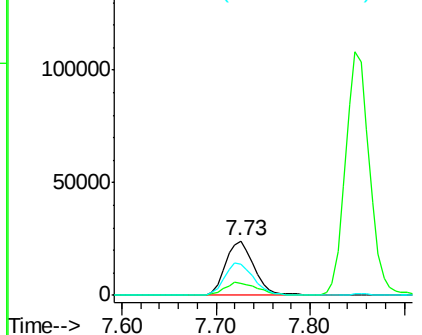


Abundance

Ion 88.00 (87.70 to 88.70): VX0

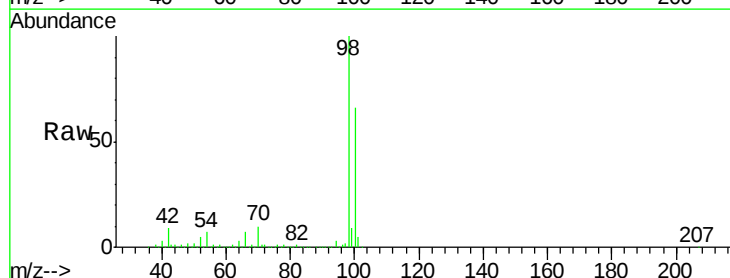
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.013 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

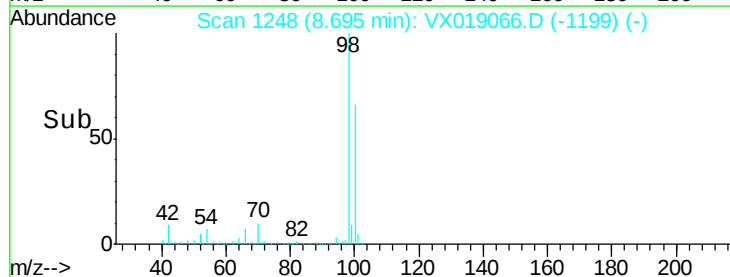
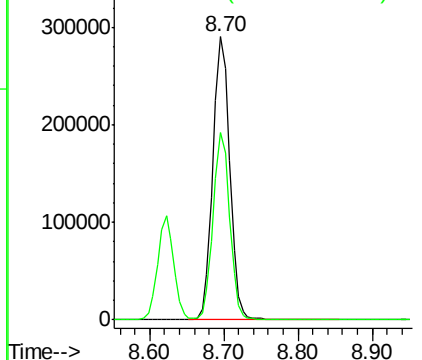
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1

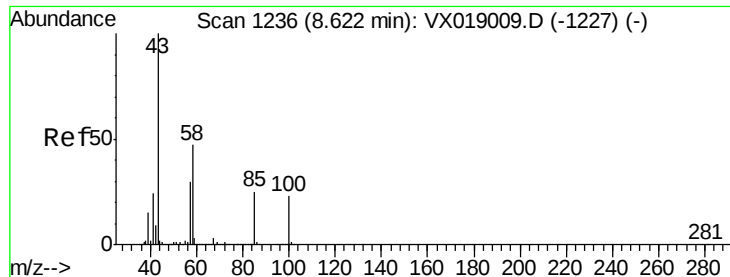


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





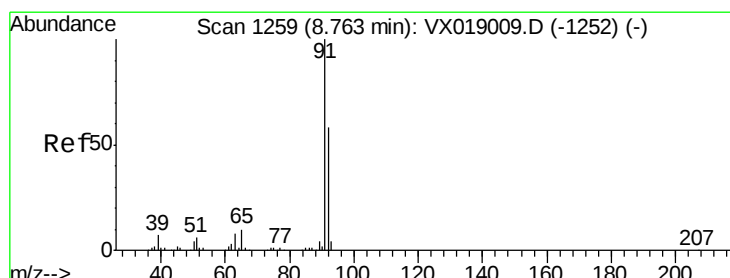
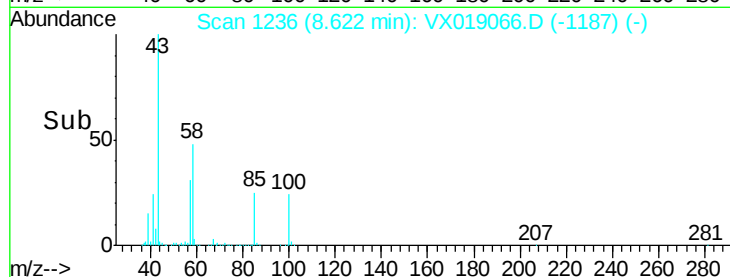
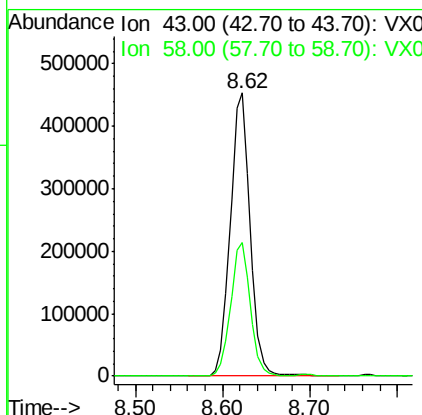
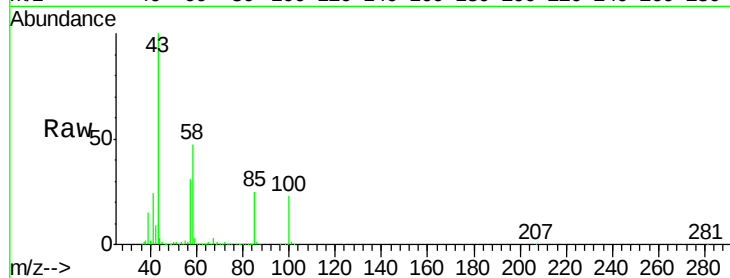
#51
 4-Methyl-2-Pentanone
 Concen: 245.066 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 716322
 Ion Ratio Lower Upper
 43 100
 58 46.8 37.4 56.0

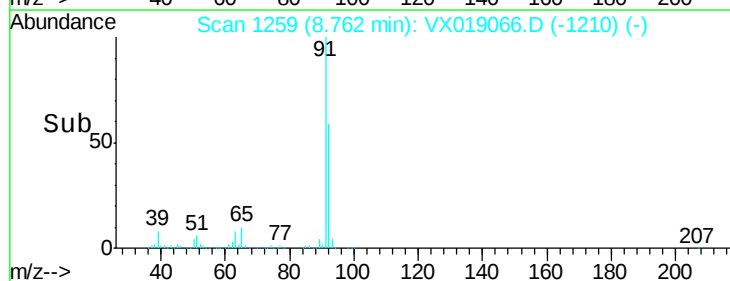
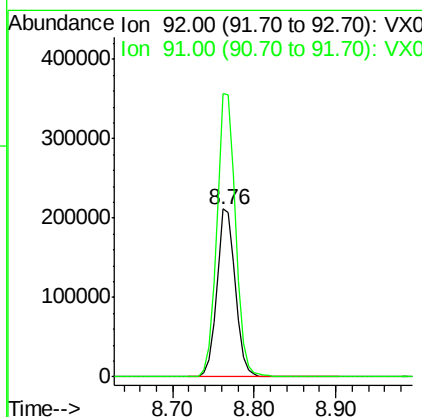
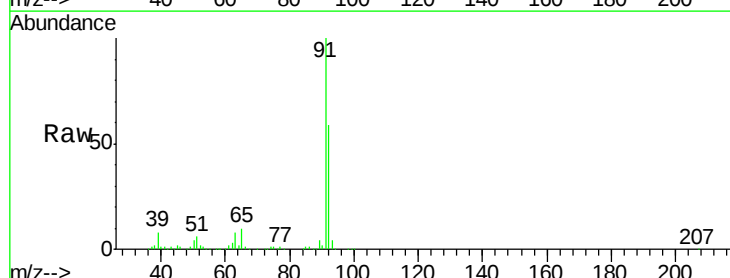
Manual Integrations
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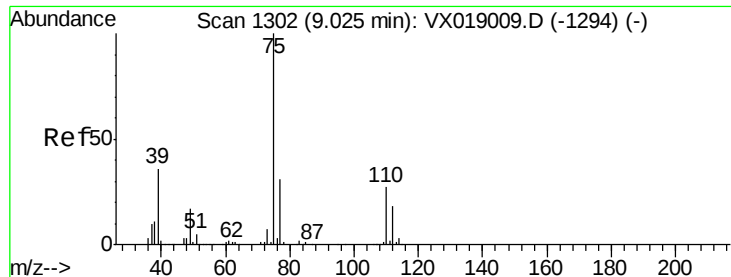
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#52
 Toluene
 Concen: 50.608 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 92 Resp: 337821
 Ion Ratio Lower Upper
 92 100
 91 170.9 138.6 208.0





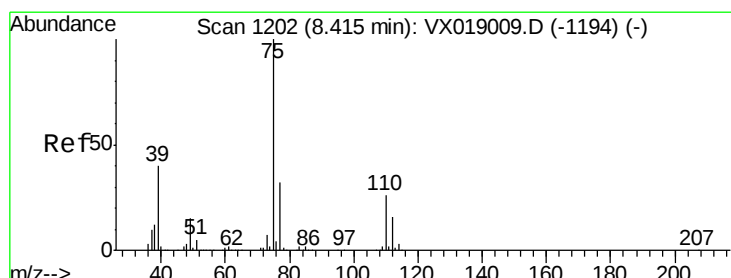
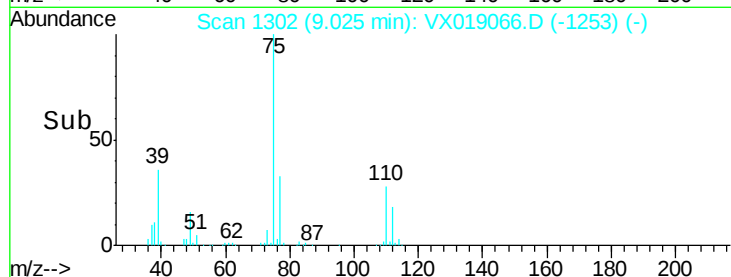
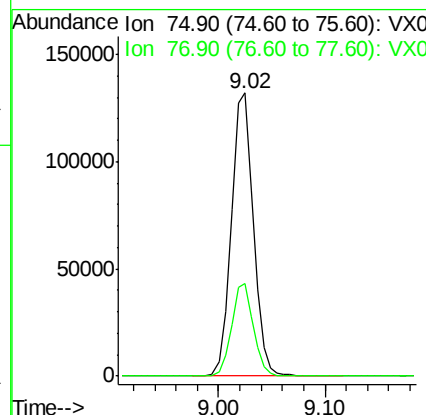
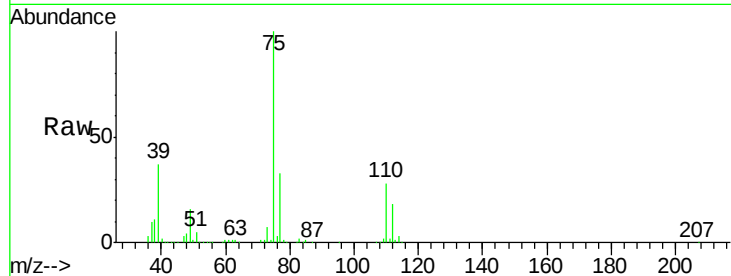
#53
 t-1,3-Dichloropropene
 Concen: 46.945 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 191922
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.1 37.7

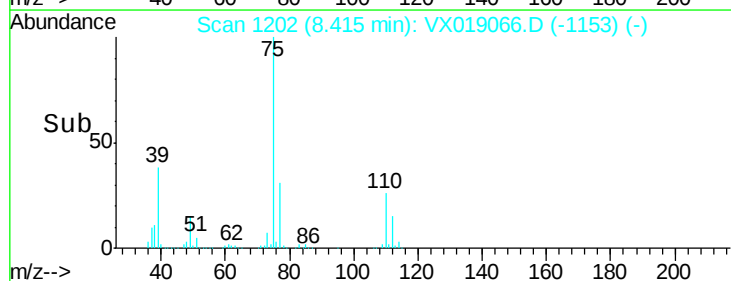
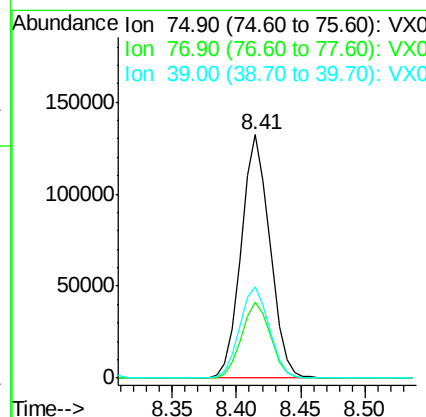
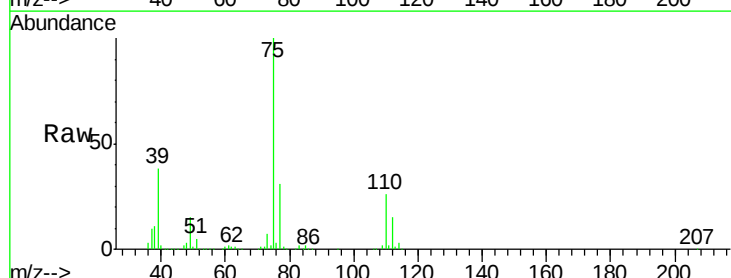
Manual Integrations
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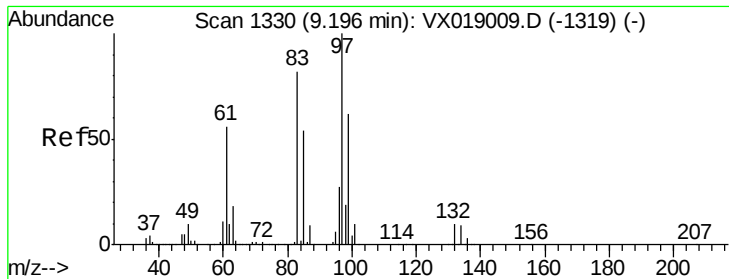
MMDadoda
 10/23/2020 5:24:42 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.285 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 75 Resp: 204135
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.9 38.9
 39 37.5 31.7 47.5





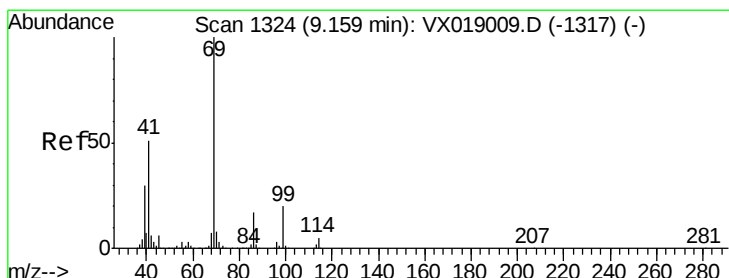
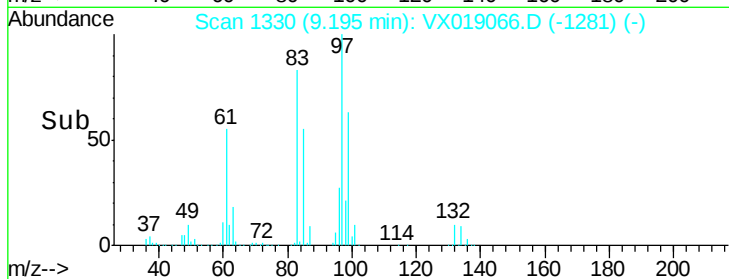
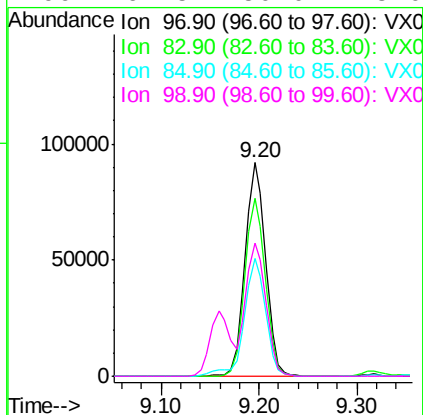
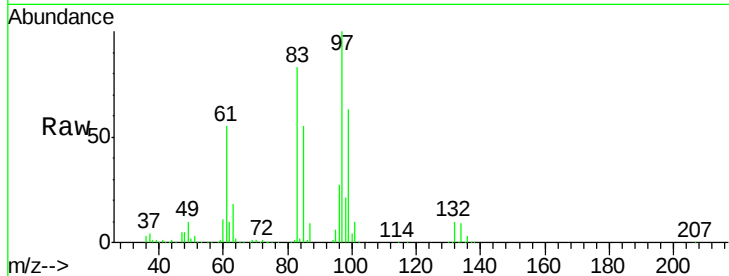
#55
 1,1,2-Trichloroethane
 Concen: 49.320 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	134211		
83	83.5	65.4	98.2	
85	55.1	43.3	64.9	
99	62.5	50.0	75.0	

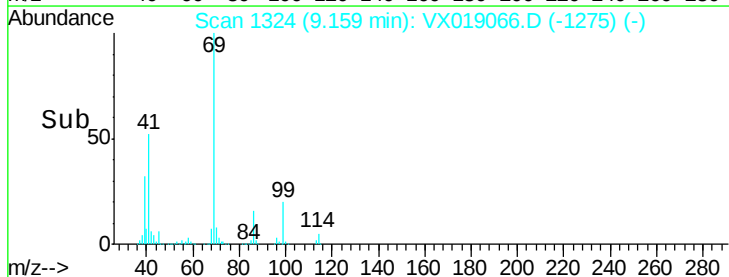
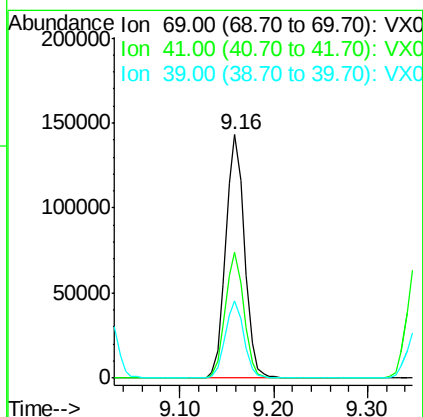
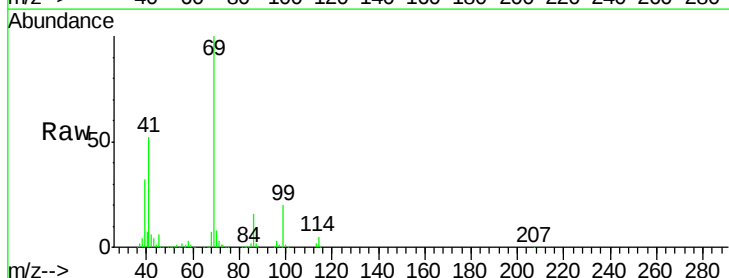
Manual Integrations
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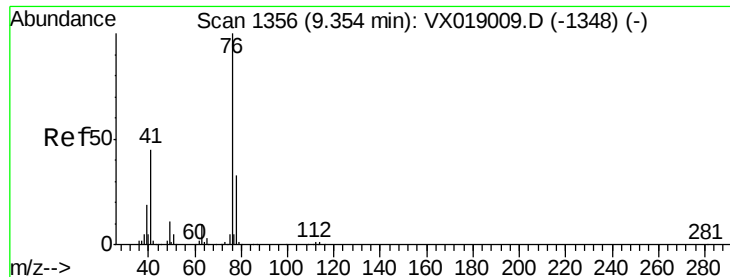
MMDadoda
 10/23/2020 5:24:42 PM



#56
 Ethyl methacrylate
 Concen: 50.753 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	198697		
41	51.1	41.1	61.7	
39	31.3	24.6	37.0	





#57

1,3-Dichloropropane

Concen: 50.568 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 218416

Ion Ratio Lower Upper

76 100

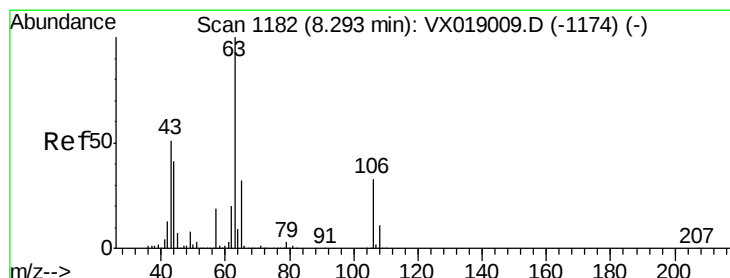
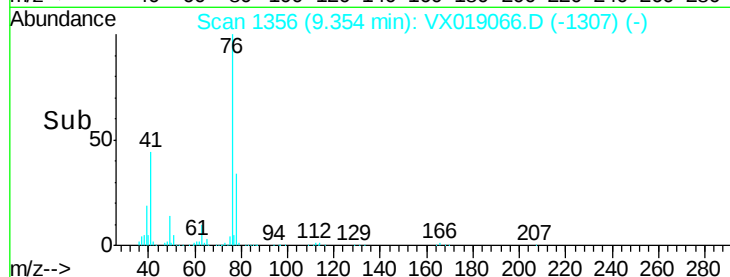
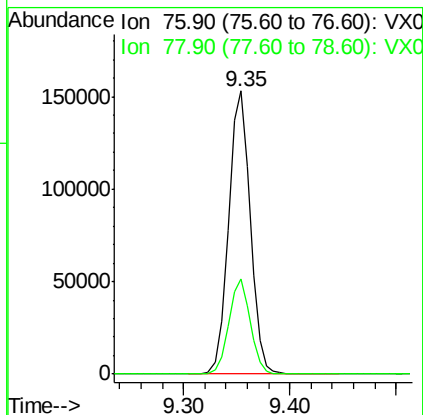
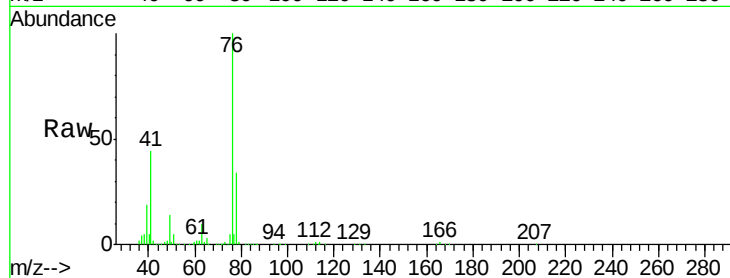
78 33.3 26.2 39.4

Manual Integrations

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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 245.363 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019066.D

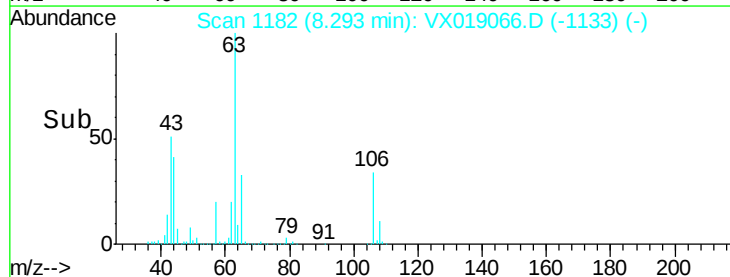
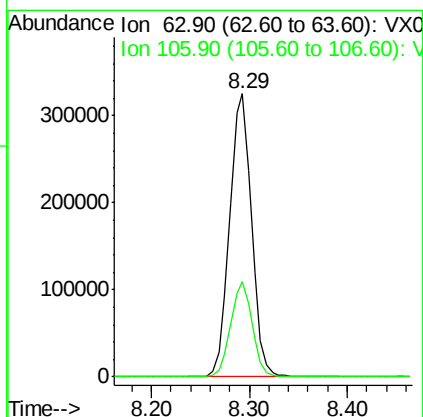
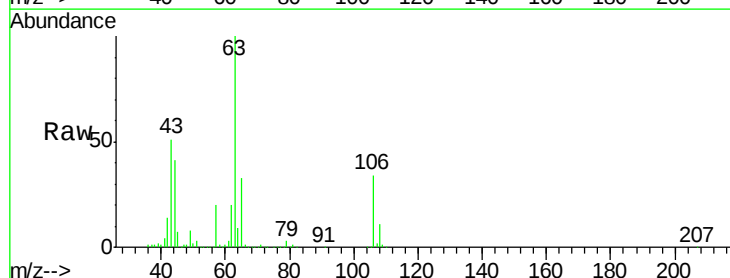
Acq: 23 Oct 2020 06:55

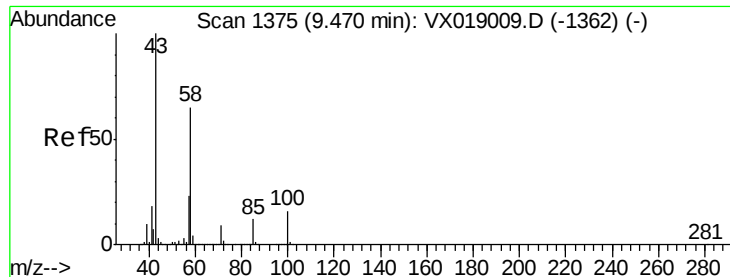
Tgt Ion: 63 Resp: 504612

Ion Ratio Lower Upper

63 100

106 33.1 26.0 39.0





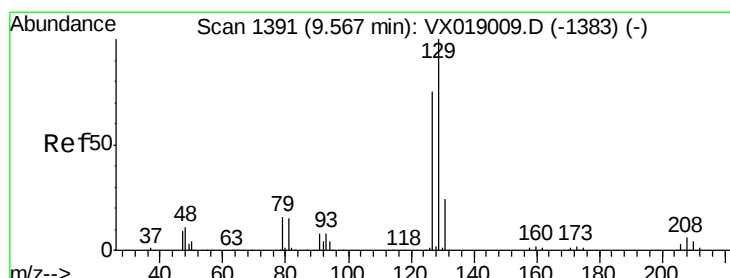
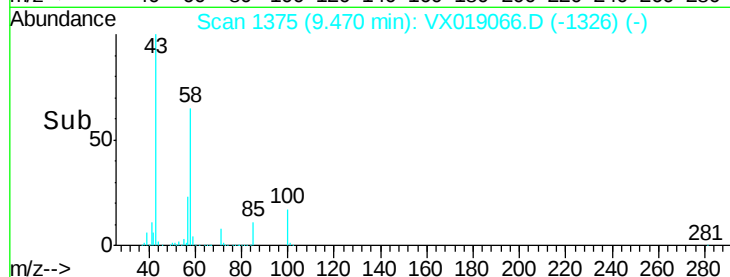
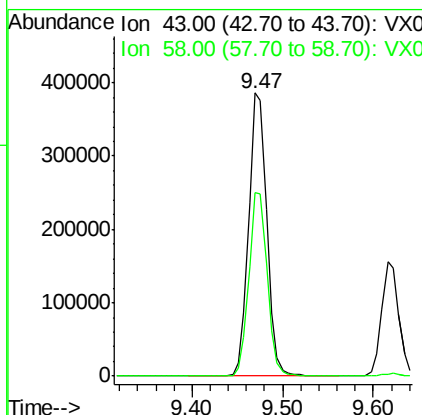
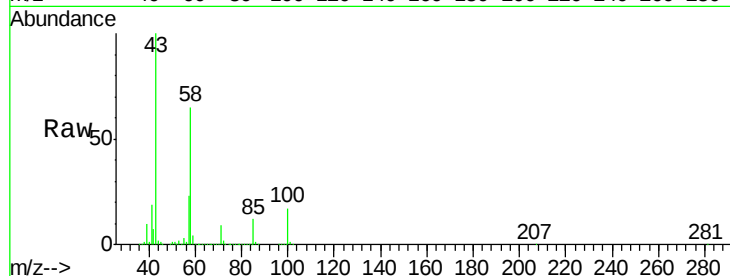
#59
2-Hexanone
Concen: 245.742 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 535286
Ion Ratio Lower Upper
43 100
58 65.7 32.8 98.4

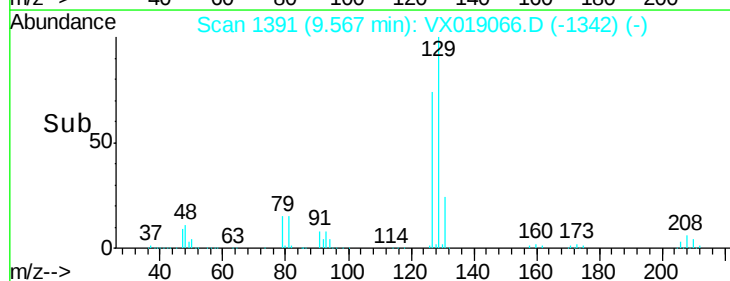
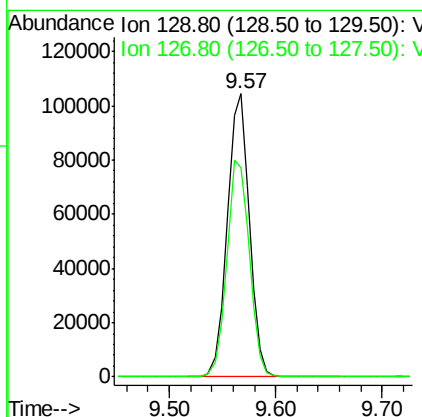
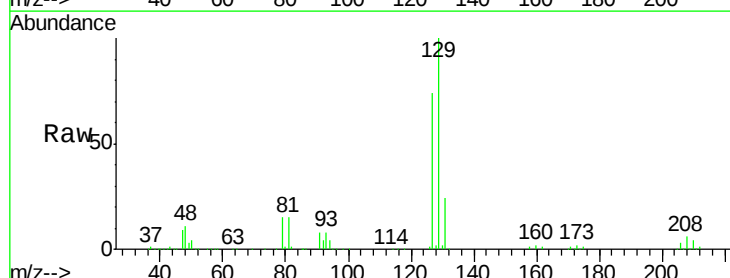
Manual Integrations
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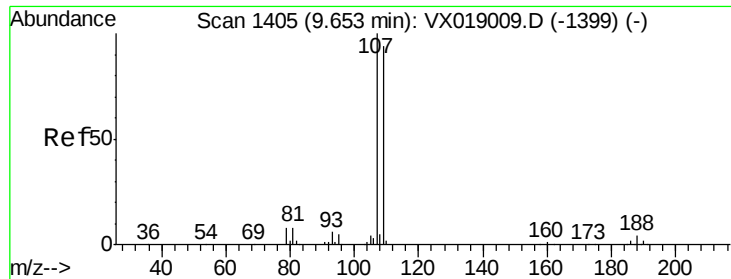
MMDadoda
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#60
Dibromochloromethane
Concen: 51.201 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 129 Resp: 151859
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7





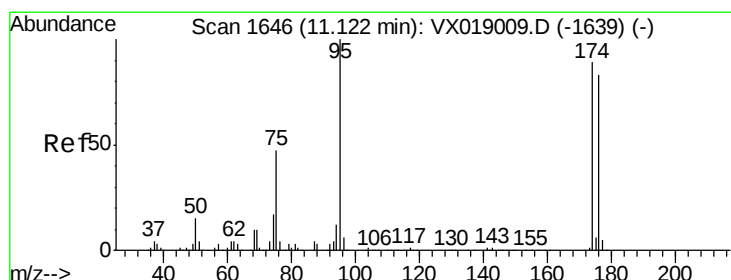
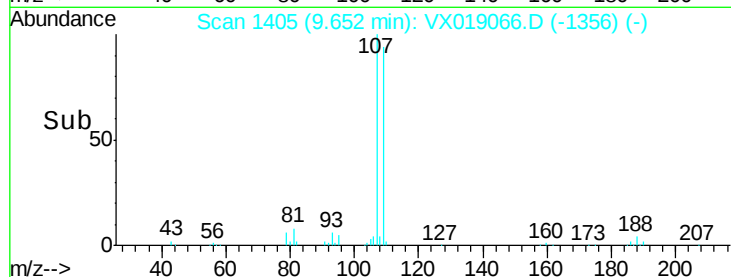
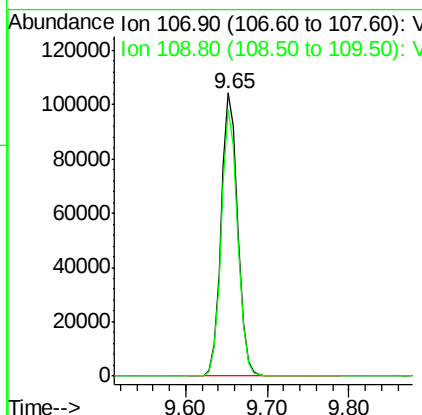
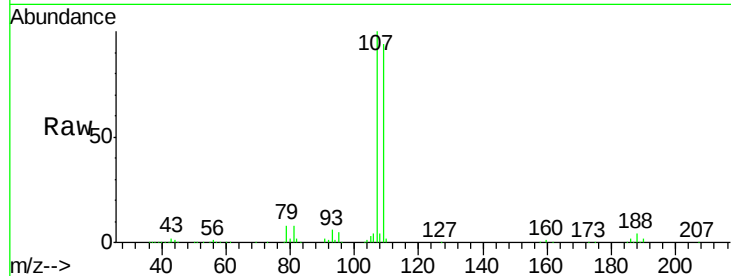
#61
 1,2-Dibromoethane
 Concen: 50.669 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.0	112.6

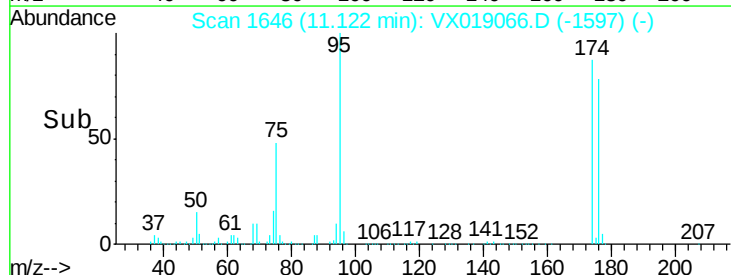
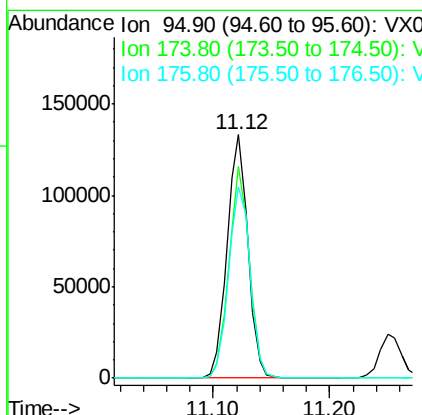
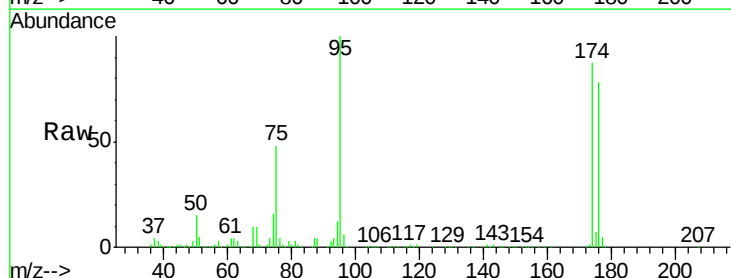
Manual Integrations
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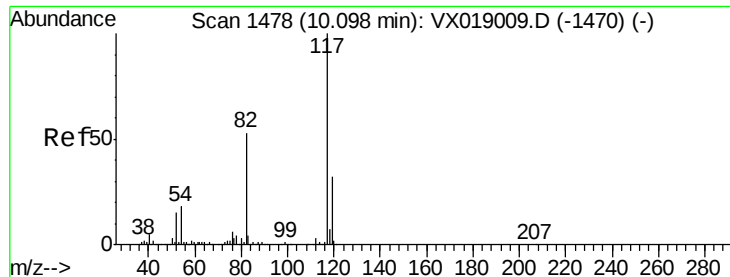
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.278 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.7	0.0	167.6
176	81.5	0.0	165.2





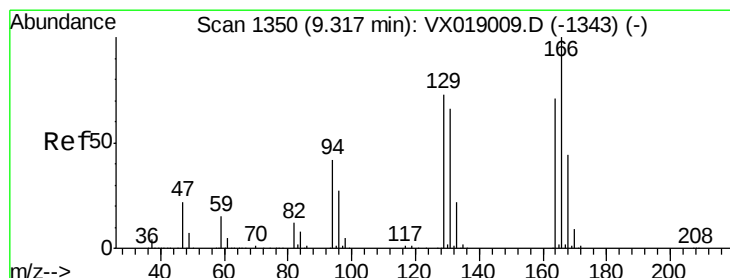
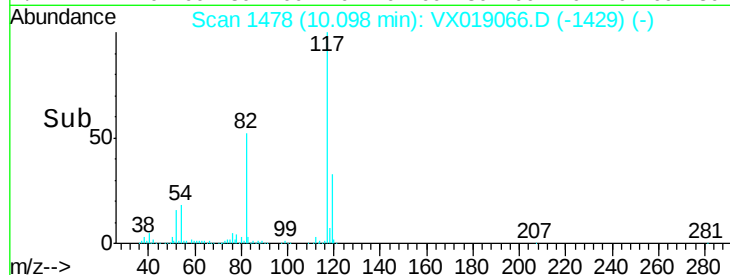
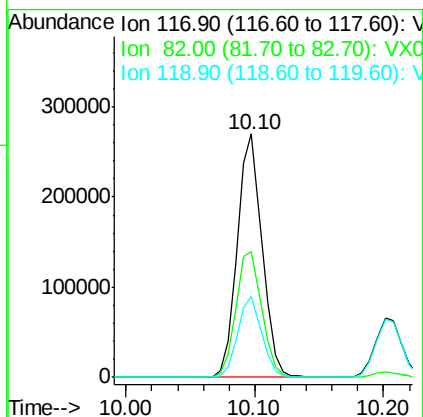
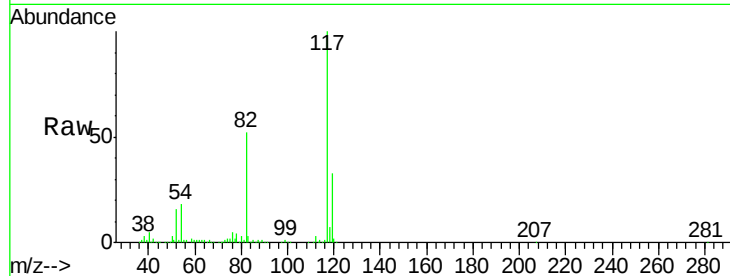
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.4	63.6
119	33.3	25.6	38.4

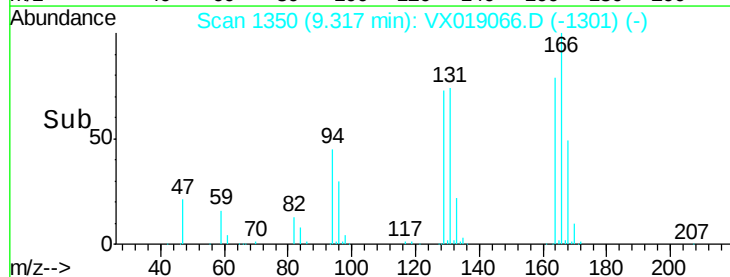
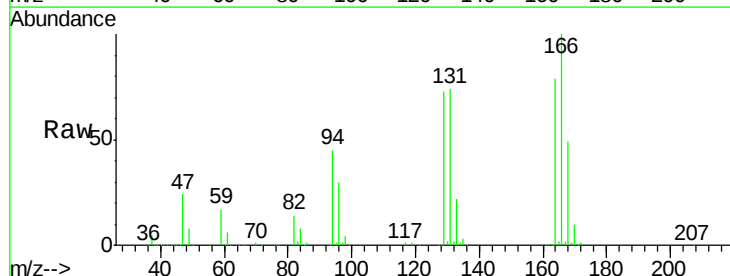
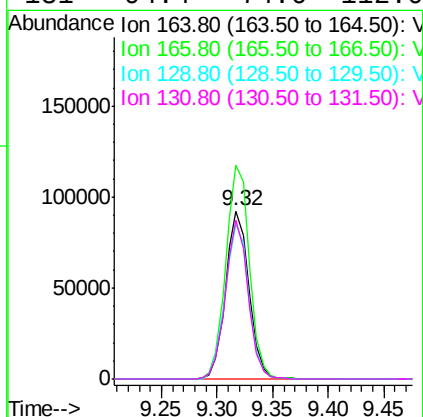
Manual Integrations
APPROVED

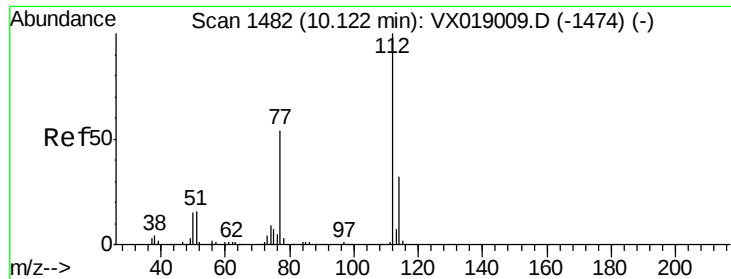
MMDadoda
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#64
Tetrachloroethene
Concen: 48.499 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	112.2	168.4
129	92.3	81.8	122.8
131	94.4	74.6	112.0





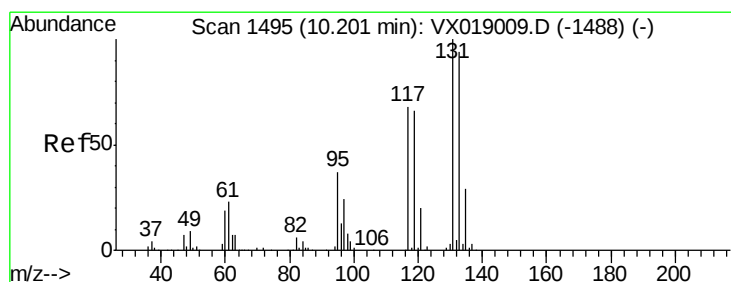
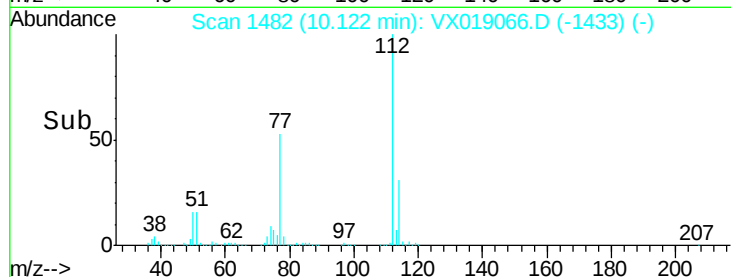
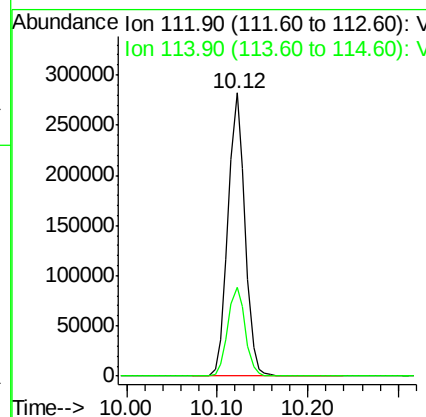
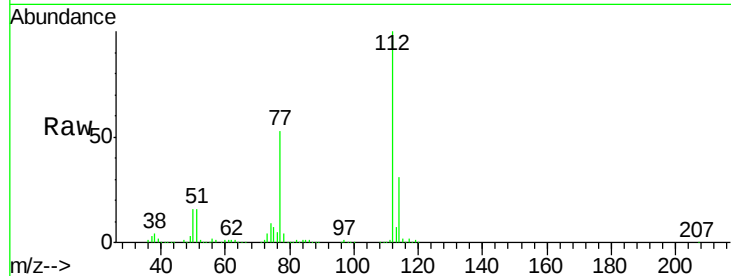
#65
Chlorobenzene
Concen: 48.492 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.5	38.3

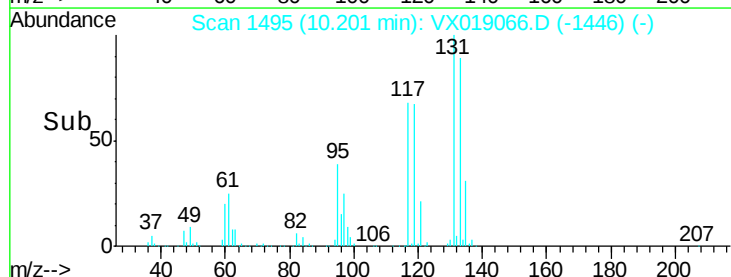
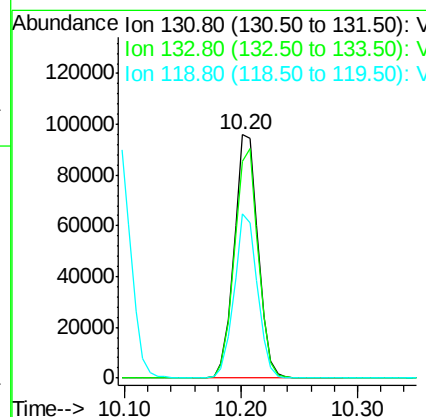
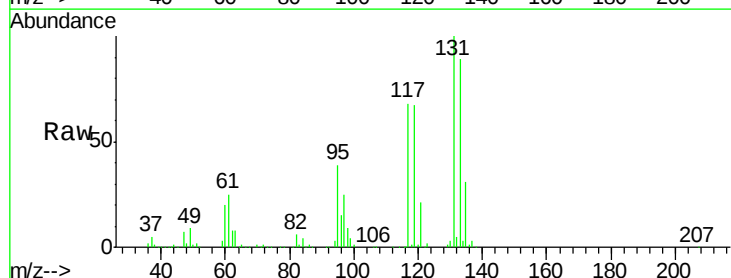
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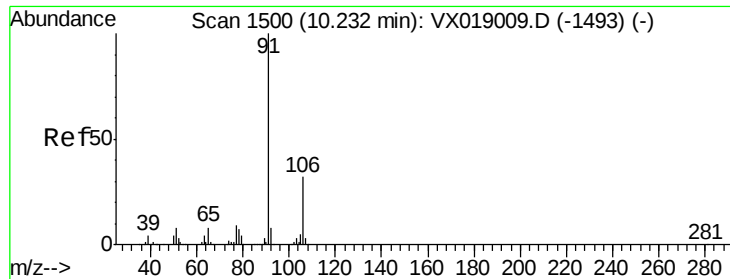
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.730 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.0	141.2
119	65.9	32.9	98.7





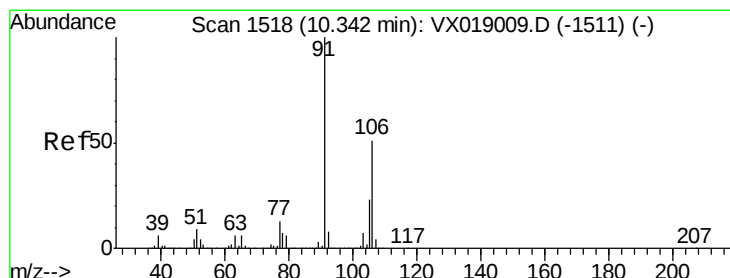
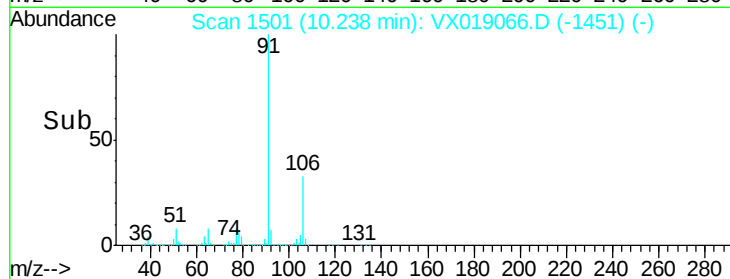
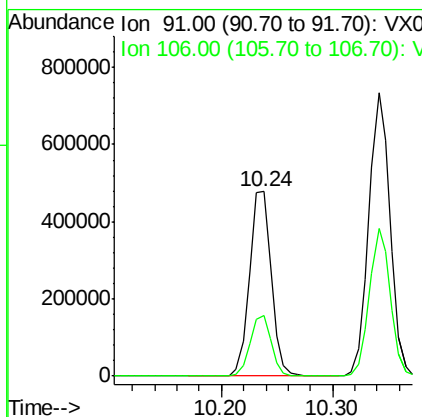
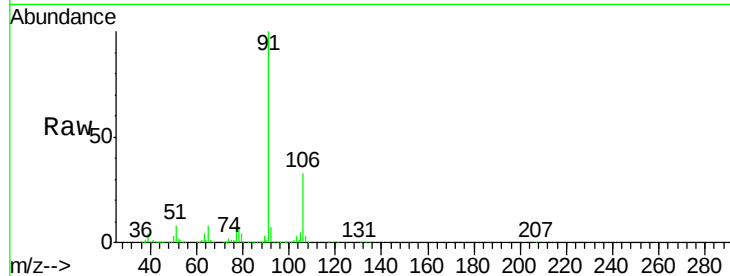
#67
Ethyl Benzene
Concen: 49.733 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 649621
Ion Ratio Lower Upper
91 100
106 32.7 25.3 37.9

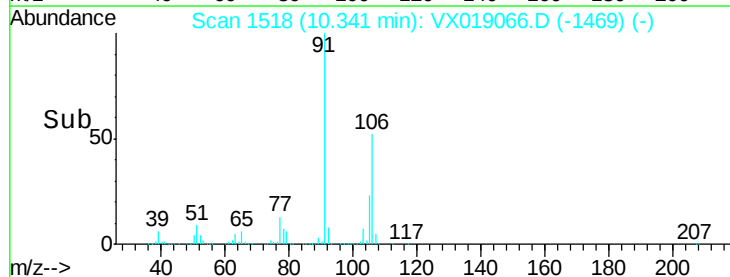
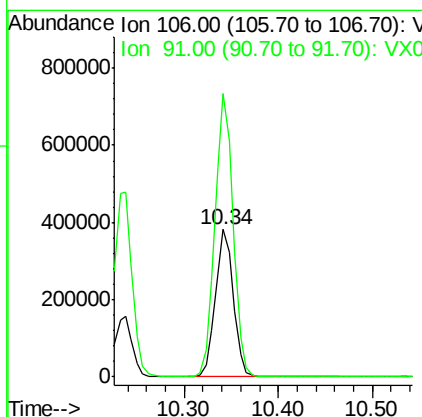
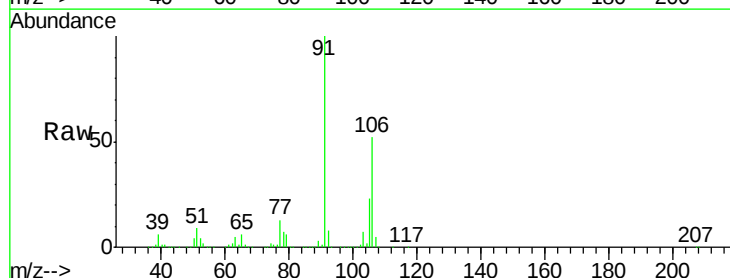
Manual Integrations
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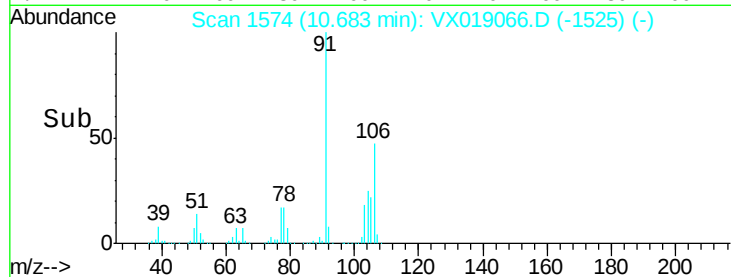
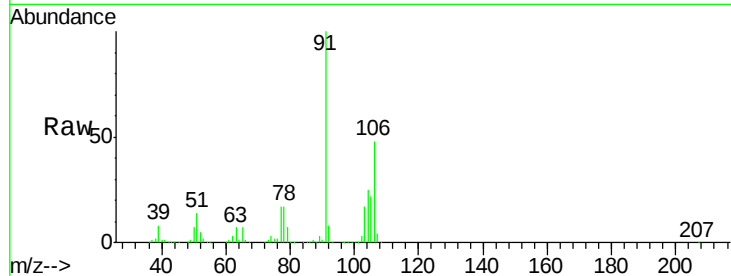
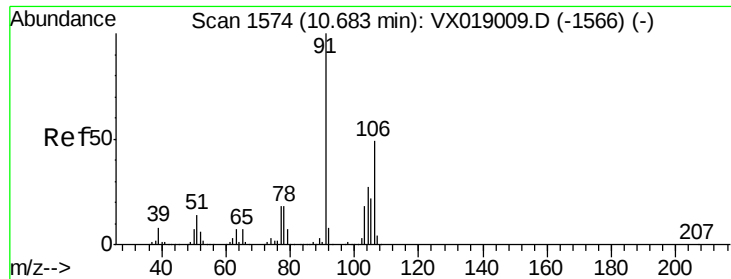
MMDadoda
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#68
m/p-Xylenes
Concen: 100.790 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 106 Resp: 504319
Ion Ratio Lower Upper
106 100
91 194.7 156.9 235.3





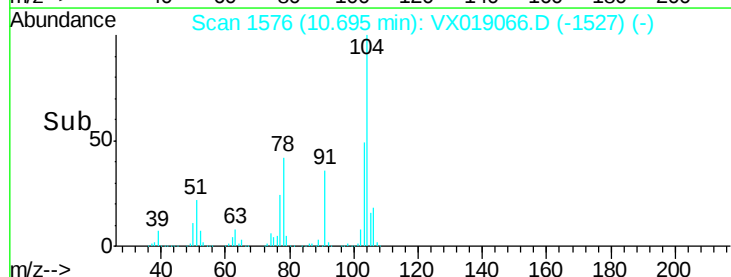
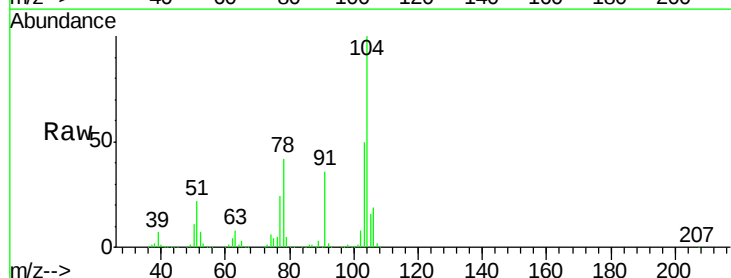
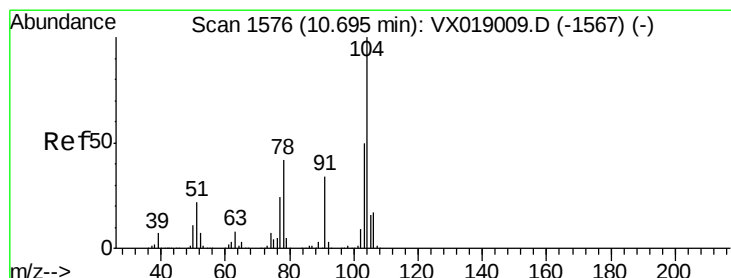
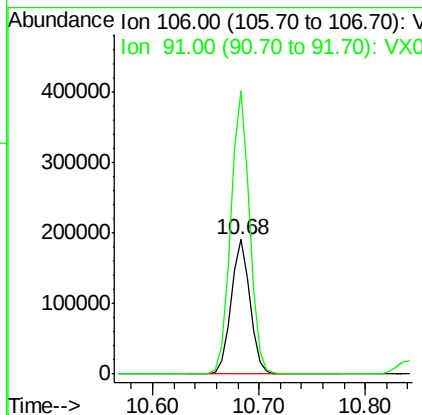
#69
o-Xylene
Concen: 49.559 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tot Ion:106 Resp: 237330
Ion Ratio Lower Upper
106 100
91 209.0 104.0 312.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

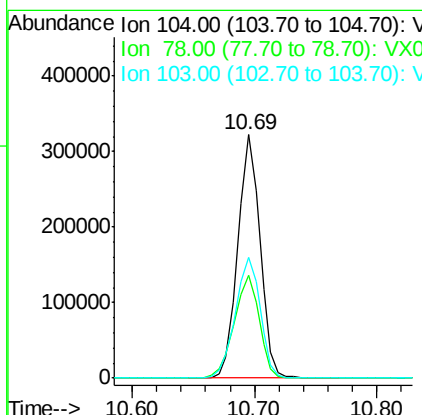
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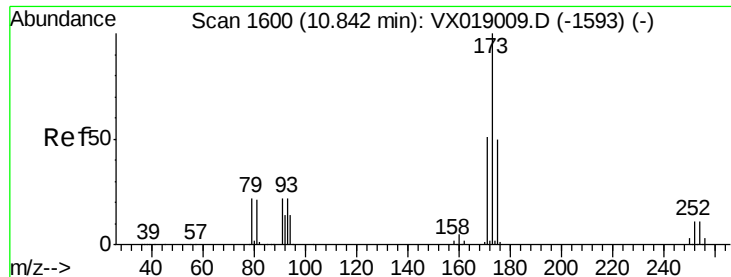
MMDadoda
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#70
Styrene
Concen: 49.661 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion:104 Resp: 403767
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 55.6 43.5 65.3





#71

Bromoform

Concen: 49.414 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 107471

Ion Ratio Lower Upper

173 100

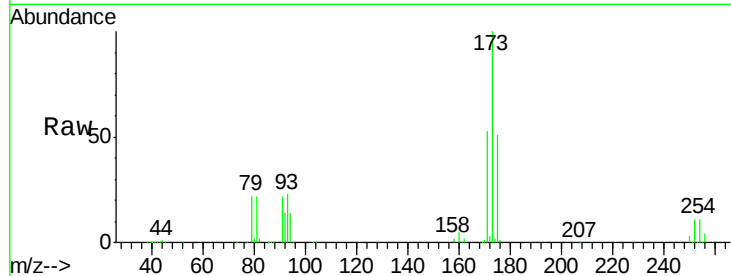
175 50.1 24.1 72.4

254 0.1 0.1 0.1#

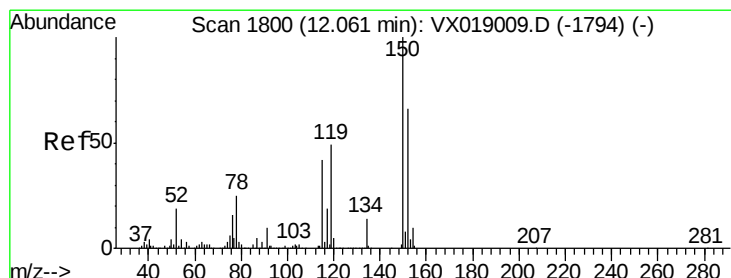
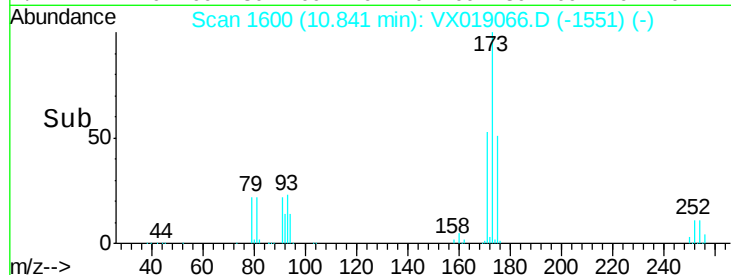
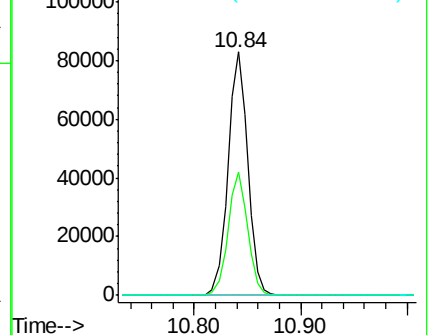
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

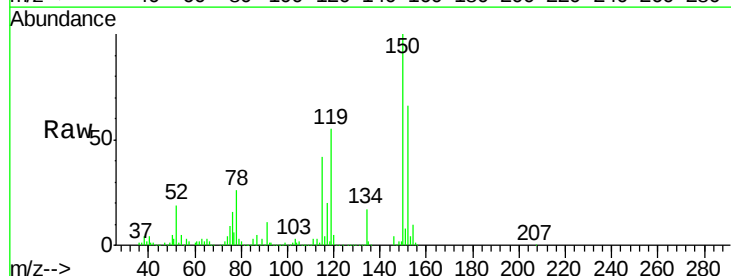
Tgt Ion:152 Resp: 191759

Ion Ratio Lower Upper

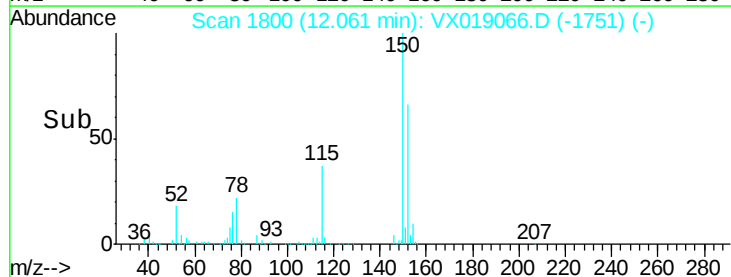
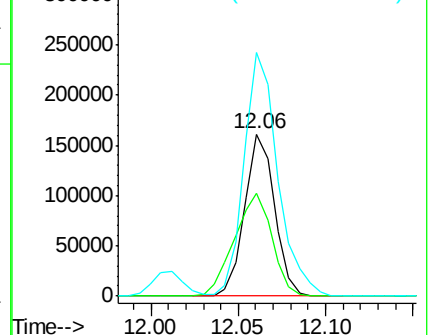
152 100

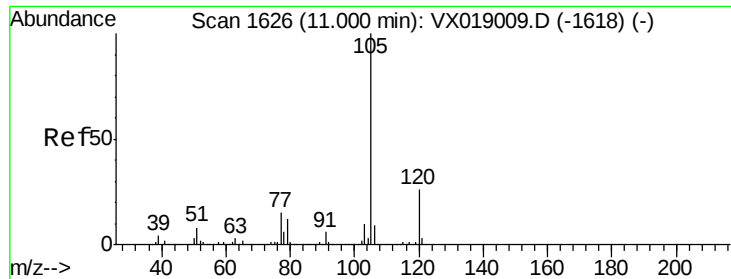
115 79.8 40.8 122.5

150 170.2 0.0 345.6



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: 46.420 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 640353

Ion Ratio Lower Upper

105 100

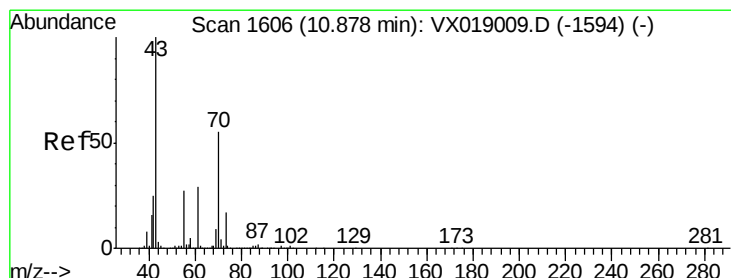
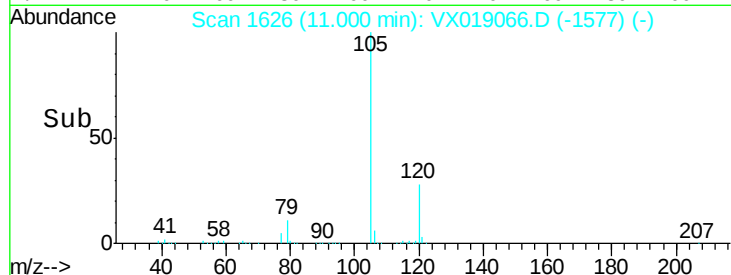
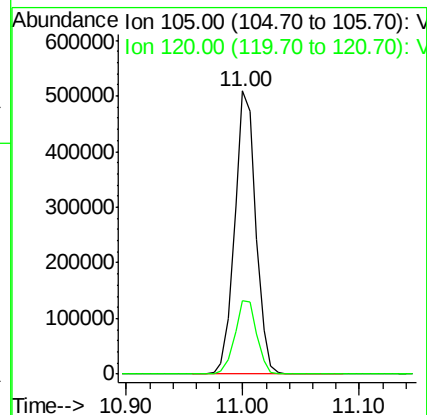
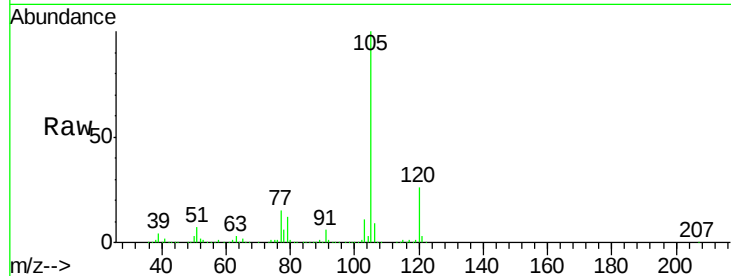
120 27.0 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.555 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion: 43 Resp: 210181

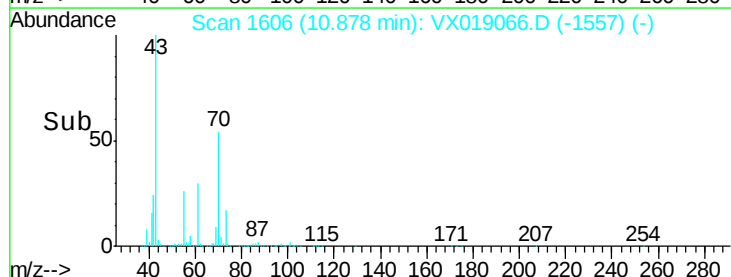
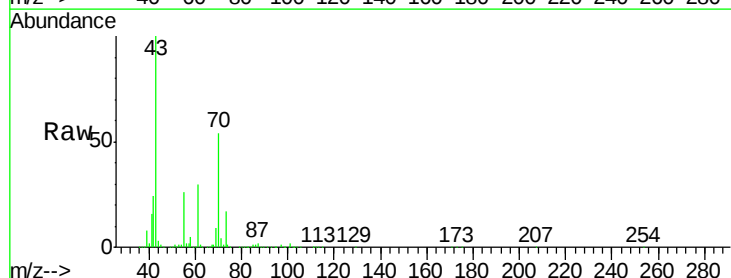
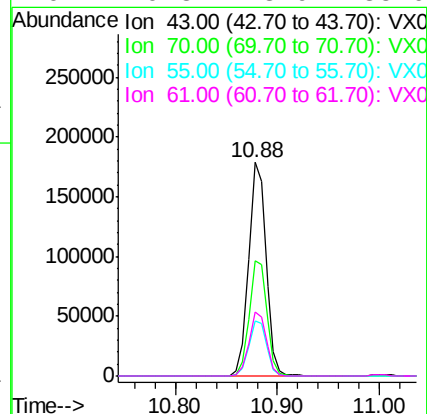
Ion Ratio Lower Upper

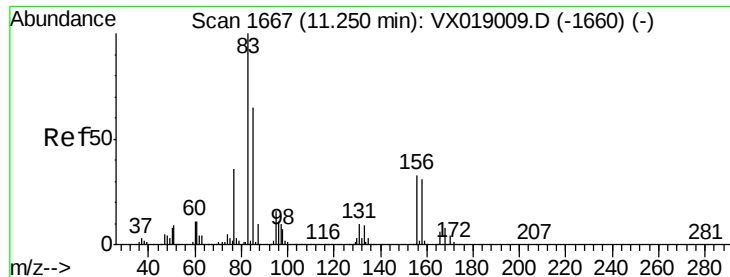
43 100

70 54.8 44.5 66.7

55 26.7 21.9 32.9

61 29.8 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.148 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 195936

Ion Ratio Lower Upper

83 100

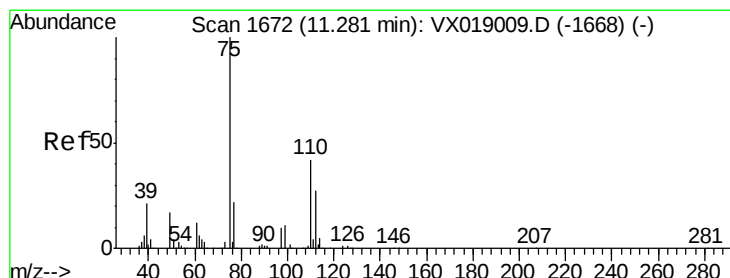
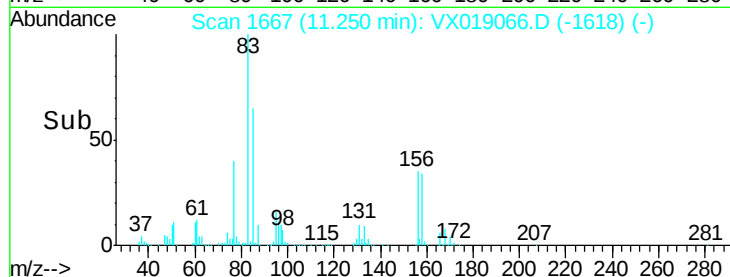
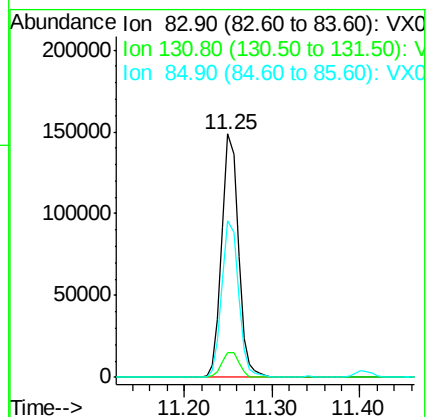
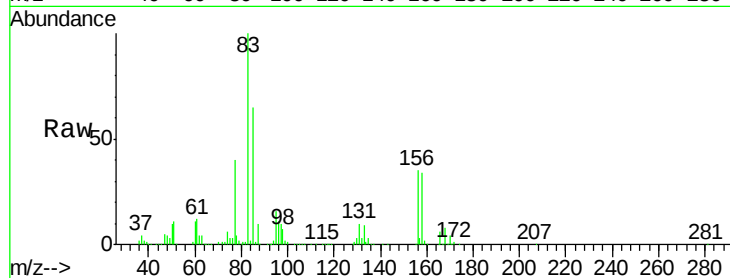
131 10.6 5.1 15.4

85 64.8 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 45.582 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019066.D

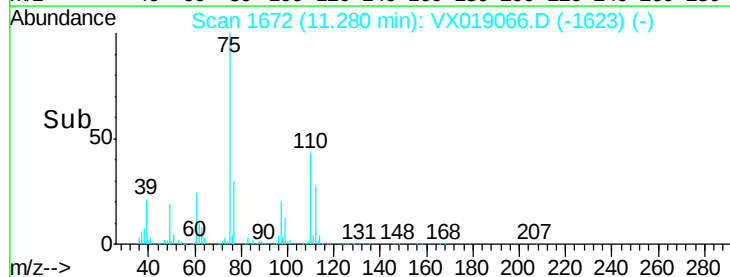
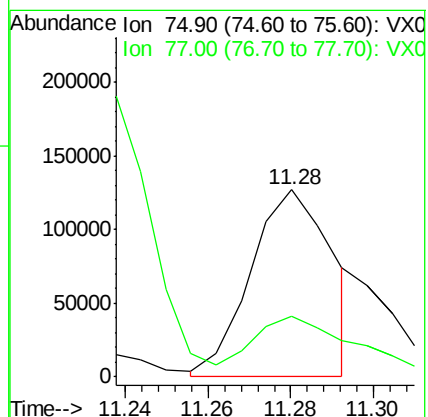
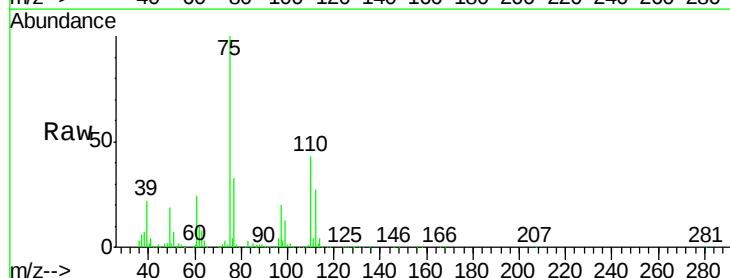
Acq: 23 Oct 2020 06:55

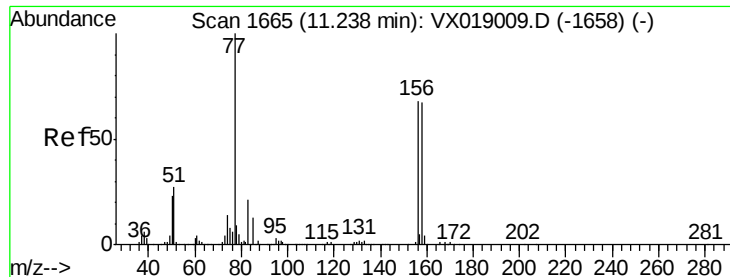
Tgt Ion: 75 Resp: 174704

Ion Ratio Lower Upper

75 100

77 40.8 20.7 62.1





#77

Bromobenzene

Concen: 47.320 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

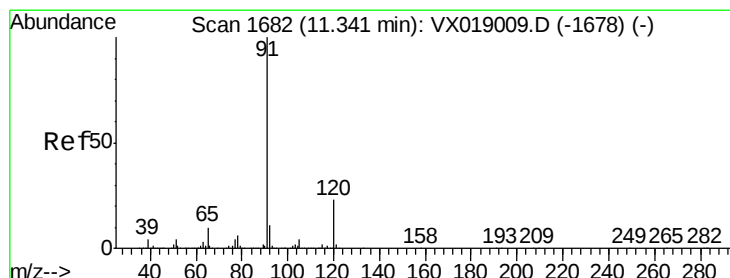
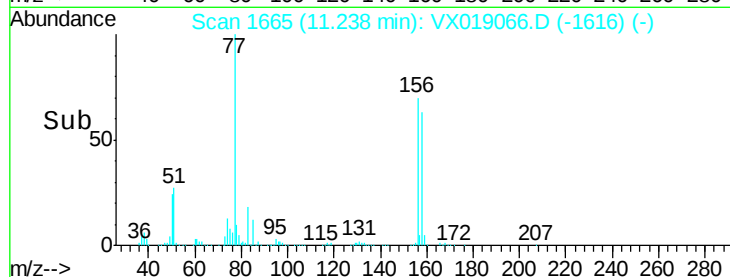
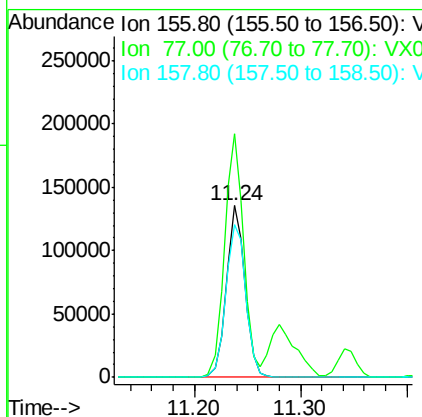
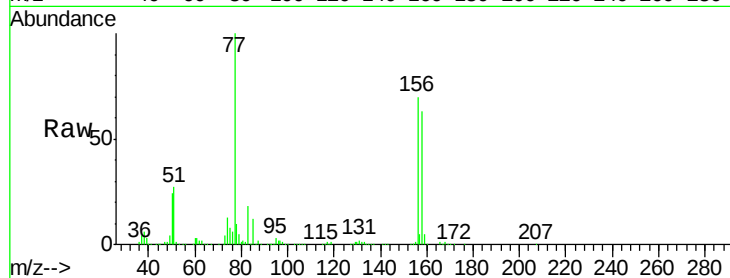
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	164856
Ion Ratio	Lower	Upper	
156	100		
77	145.6	74.4	223.1
158	96.0	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 46.219 ug/l

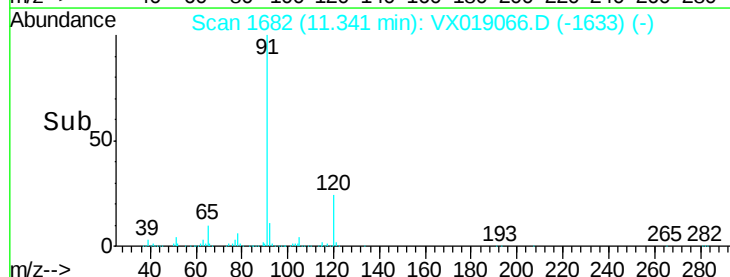
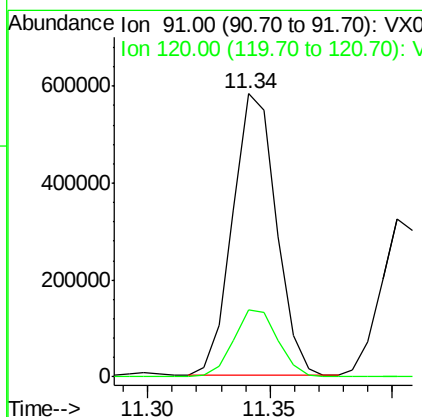
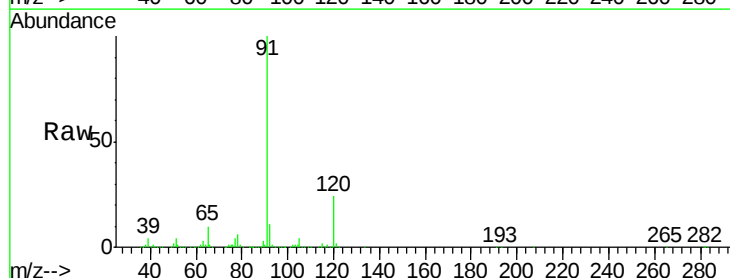
RT: 11.34 min Scan# 1682

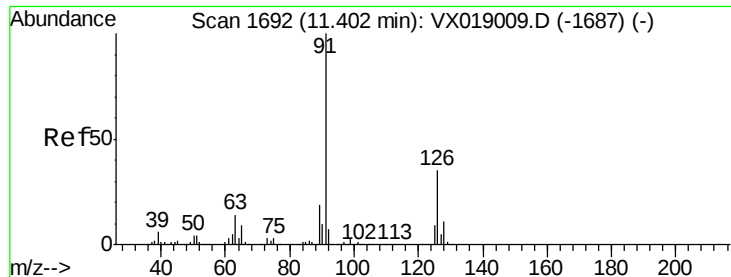
Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion:	91	Resp:	722456
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.1	36.3





#79

2-Chlorotoluene

Concen: 46.022 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 419671

Ion Ratio Lower Upper

91 100

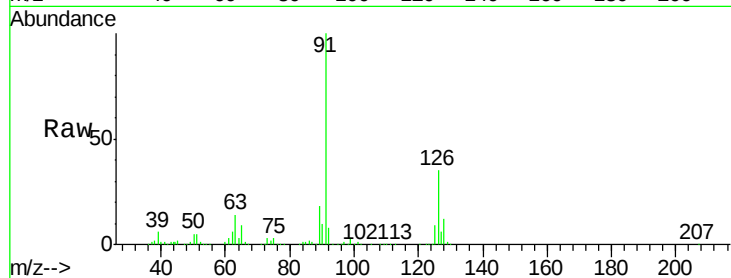
126 35.4 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)

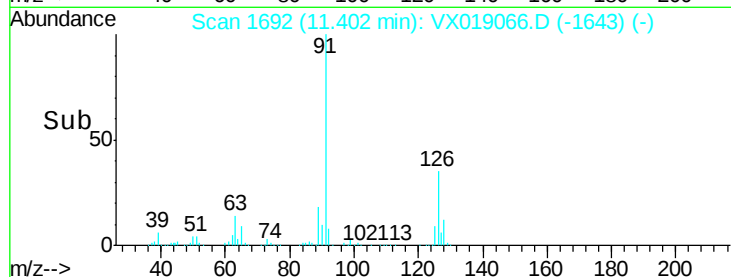
600000

400000

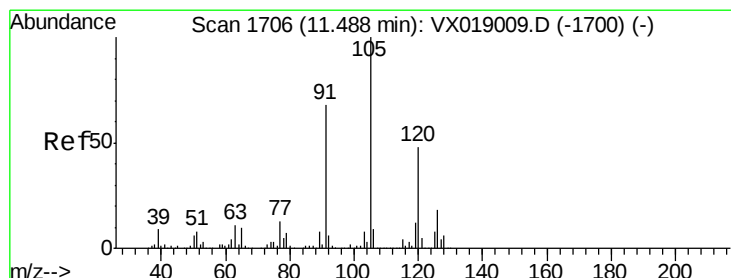
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.134 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019066.D

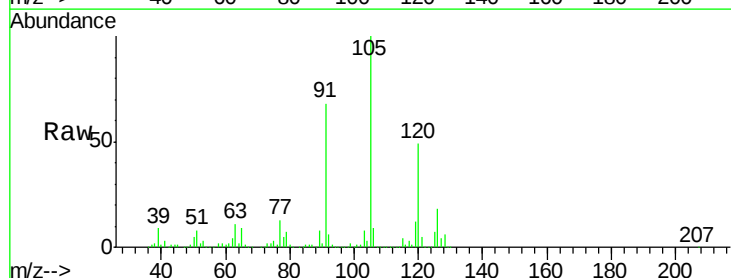
Acq: 23 Oct 2020 06:55

Tgt Ion: 105 Resp: 536933

Ion Ratio Lower Upper

105 100

120 50.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)

500000

400000

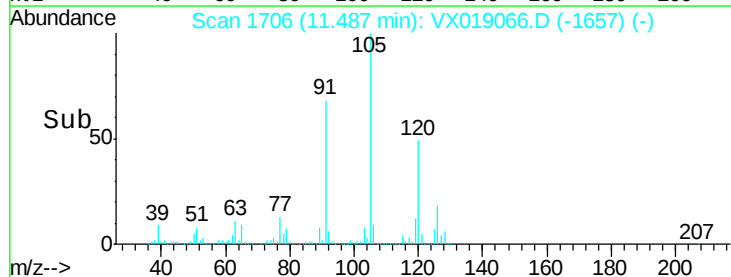
300000

200000

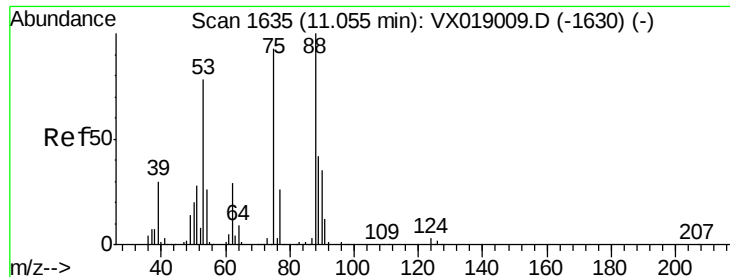
100000

0

11.45 11.50 11.55



Time-->



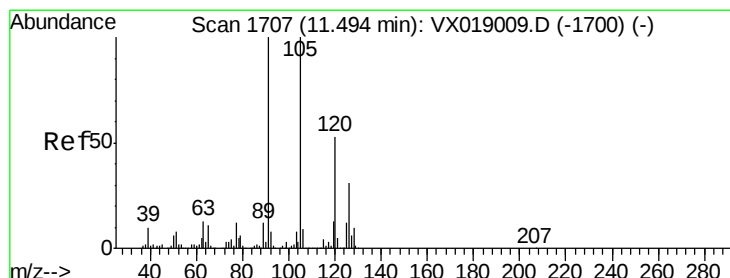
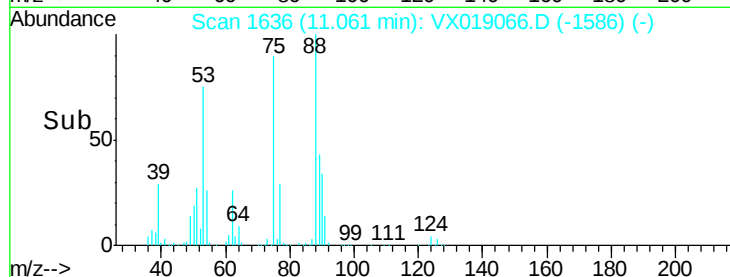
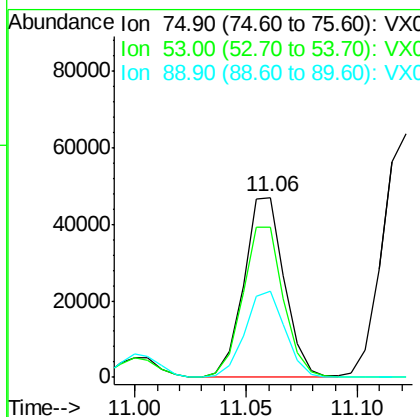
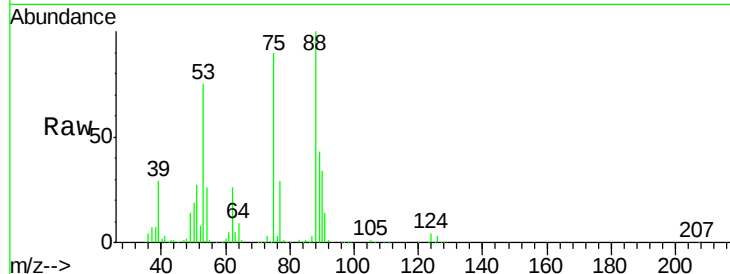
#81
trans-1,4-Dichloro-2-butene
Concen: 39.367 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.4	101.2
89	47.7	37.2	55.8

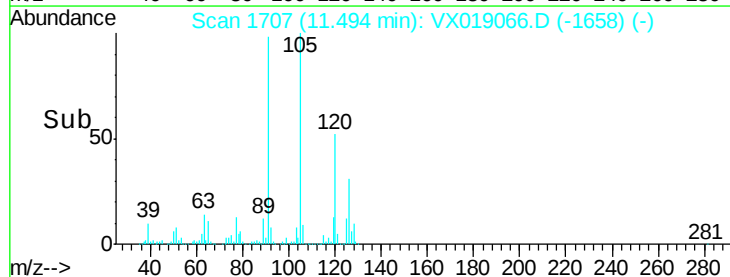
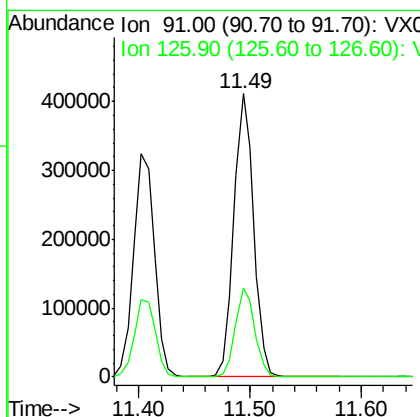
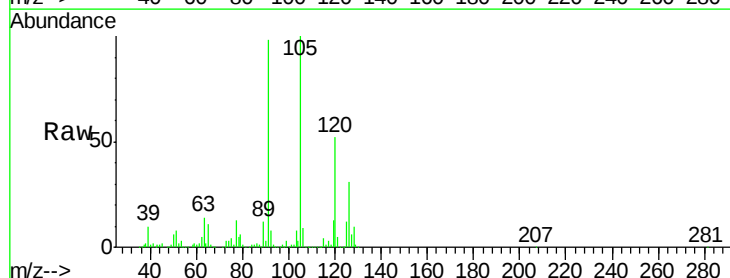
Manual Integrations
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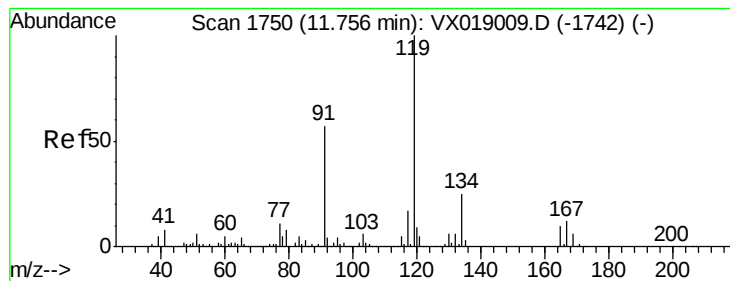
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.476 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7





#83

tert-Butylbenzene

Concen: 45.818 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

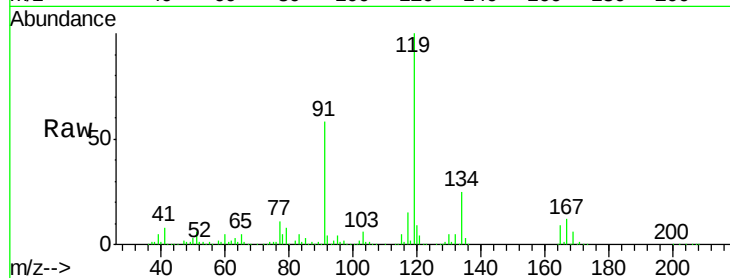
ClientSampleId :

VSTDCCC050EC

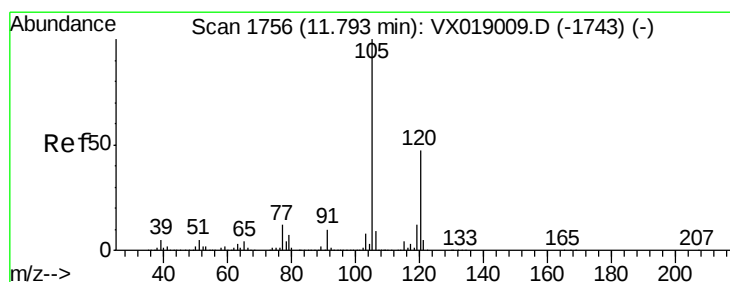
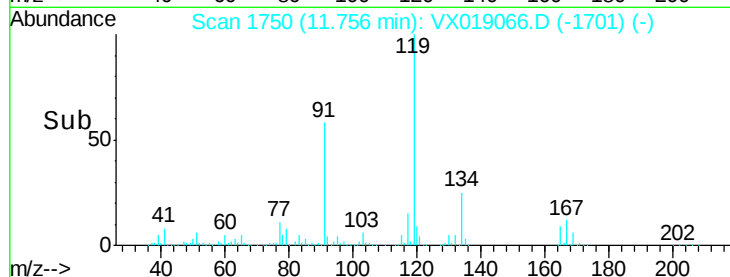
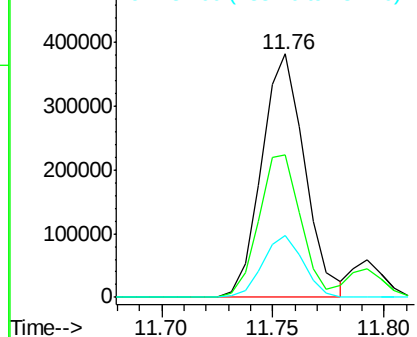
Tot Ion:	119	Resp:	514162
Ion Ratio	Lower	Upper	
119	100		
91	56.9	28.1	84.4
134	24.1	11.8	35.3

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.711 ug/l

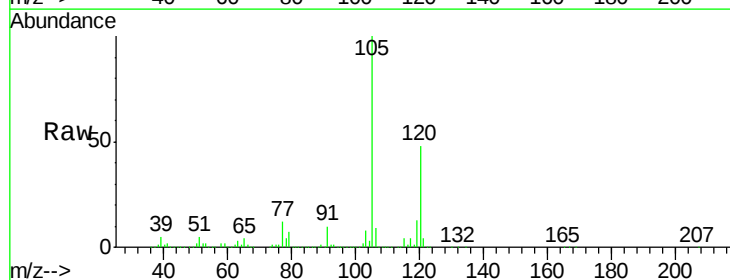
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

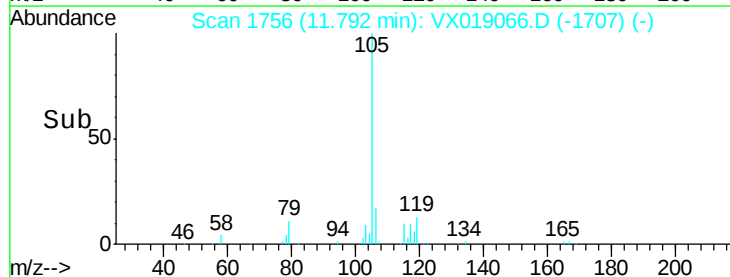
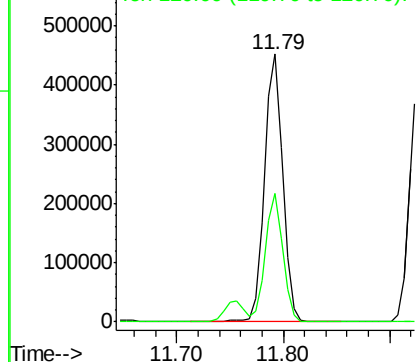
Lab File: VX019066.D

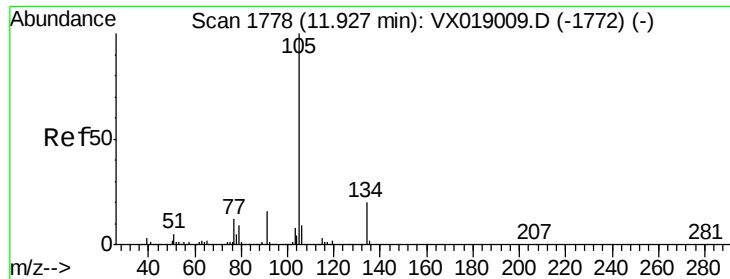
Acq: 23 Oct 2020 06:55

Tgt Ion:	105	Resp:	544225
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.9	68.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.992 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 624550

Ion Ratio Lower Upper

105 100

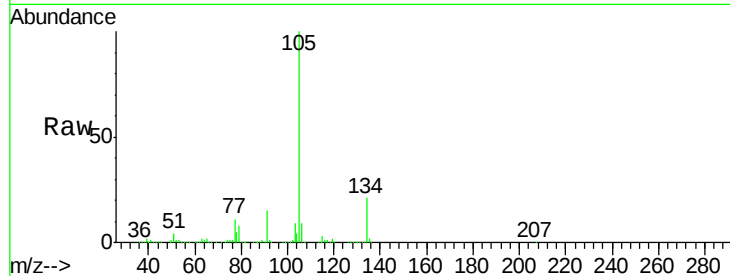
134 20.7 10.4 31.1

Manual Integrations

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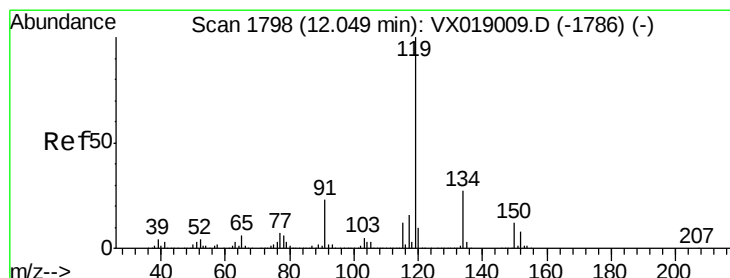
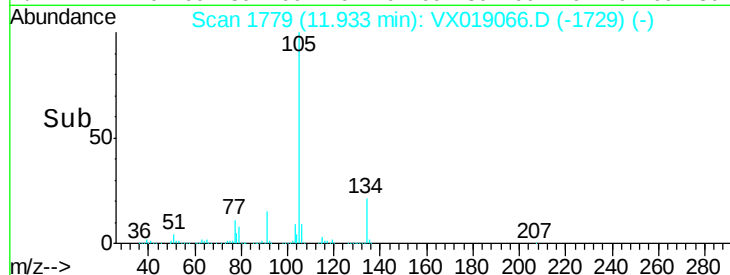
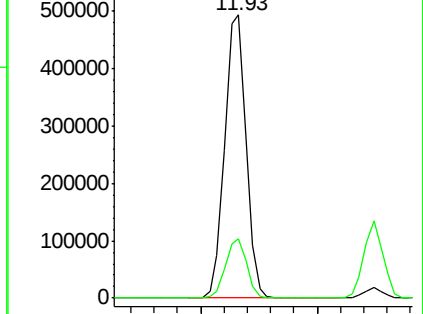
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.559 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

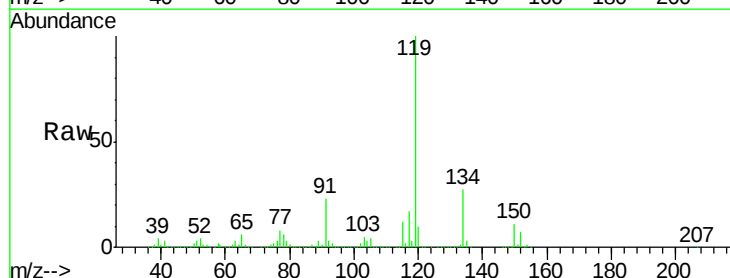
Tgt Ion:119 Resp: 577697

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

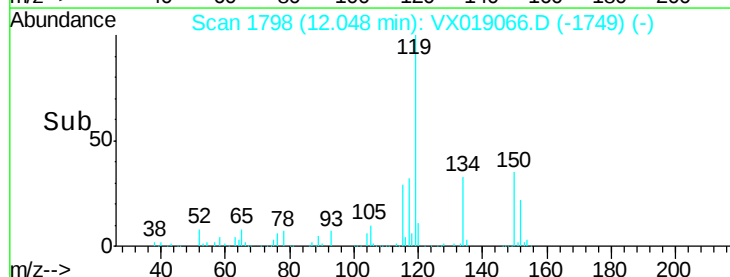
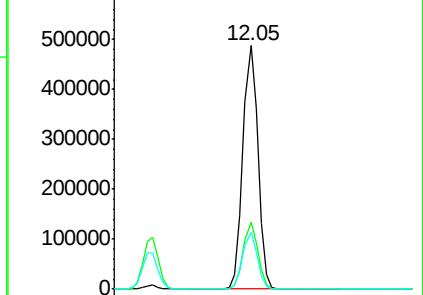
91 22.7 11.4 34.2

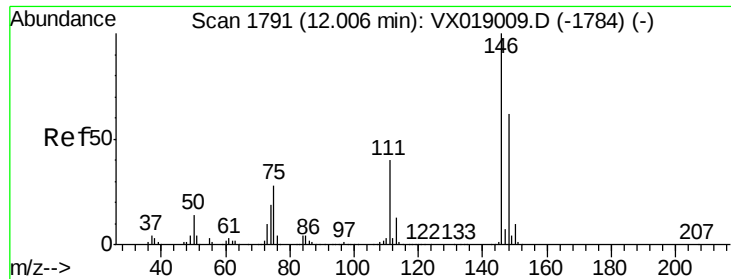


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





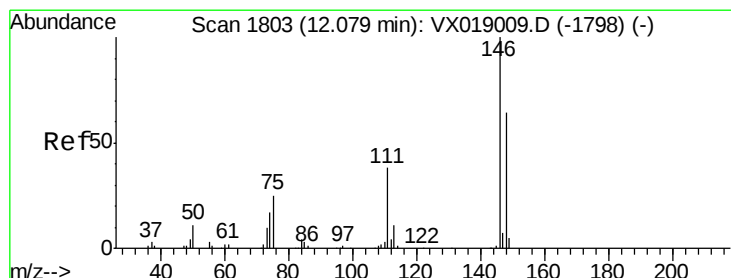
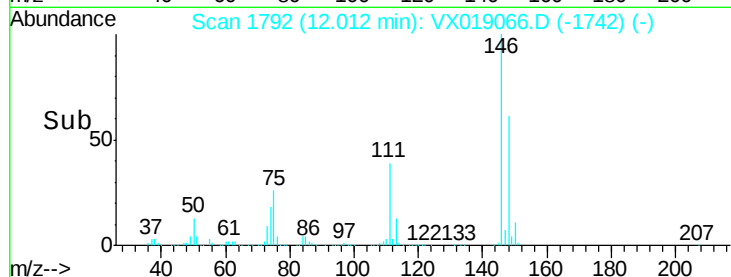
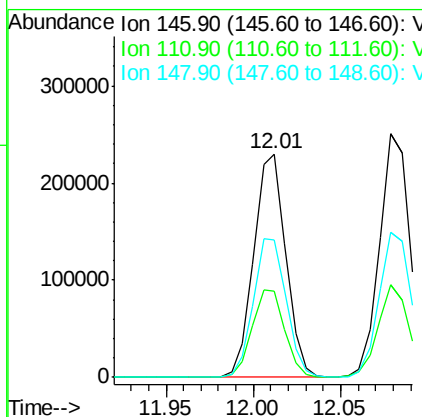
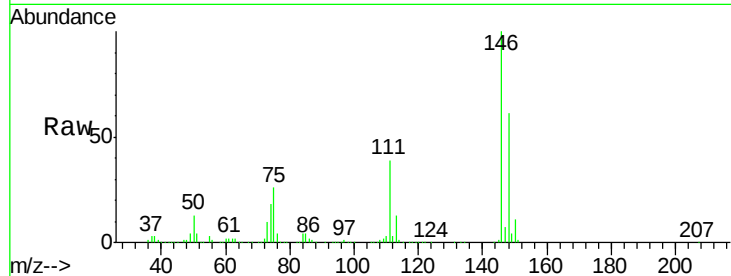
#87
 1,3-Dichlorobenzene
 Concen: 45.920 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	63.4	32.0	96.0

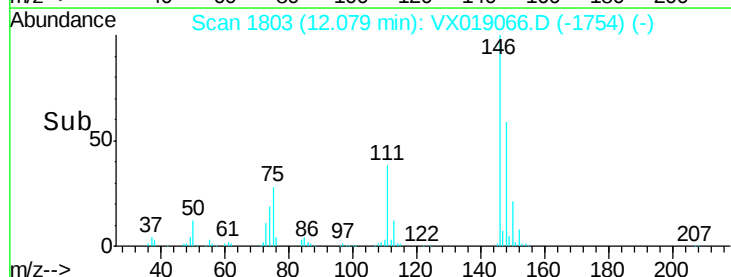
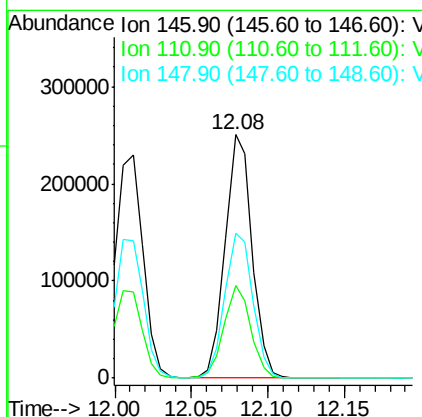
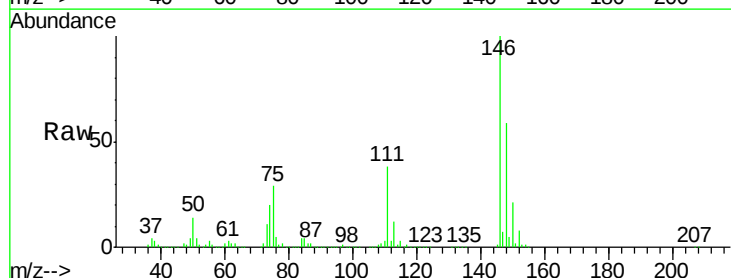
Manual Integrations
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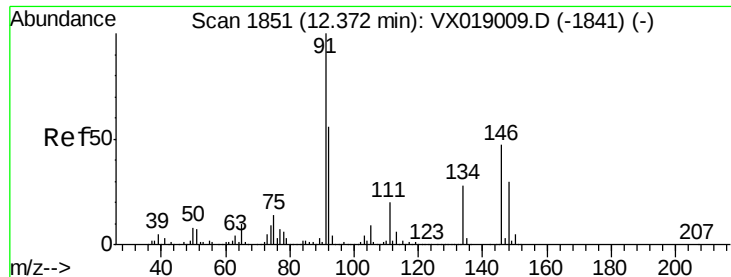
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#88
 1,4-Dichlorobenzene
 Concen: 46.453 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	62.1	32.2	96.6





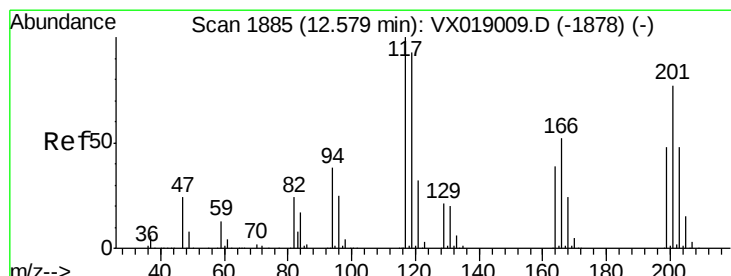
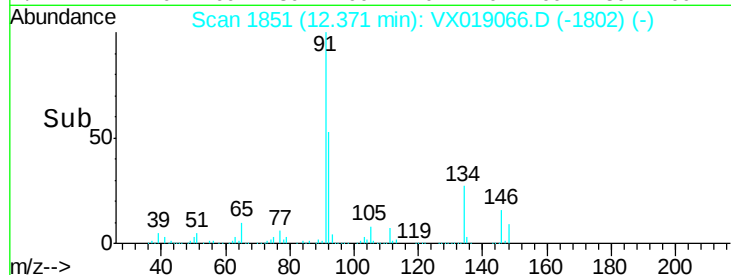
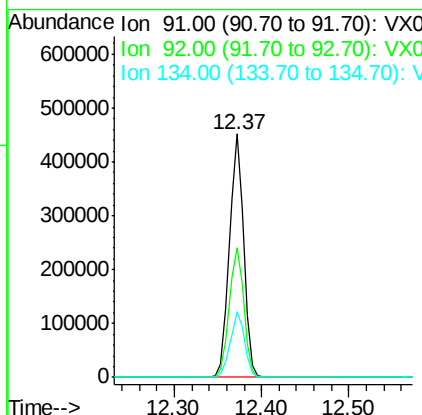
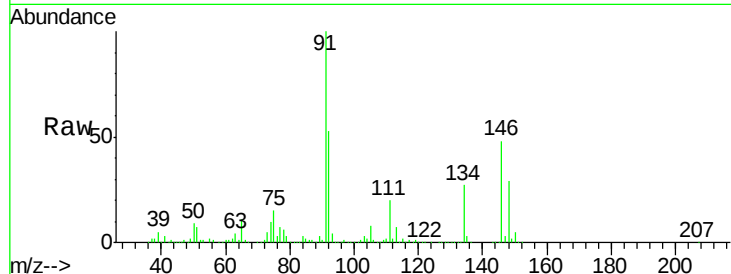
#89
n-Butylbenzene
Concen: 44.931 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.9
134	27.2	13.6	40.7

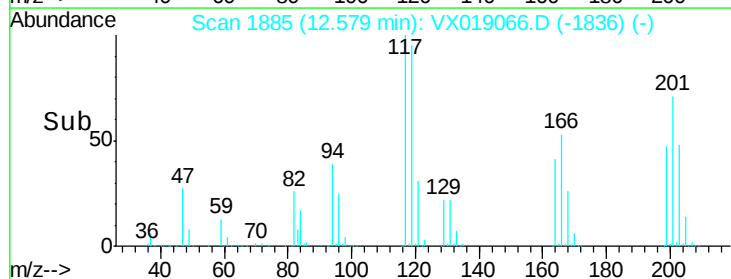
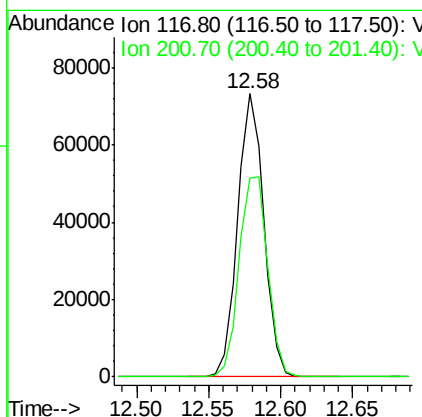
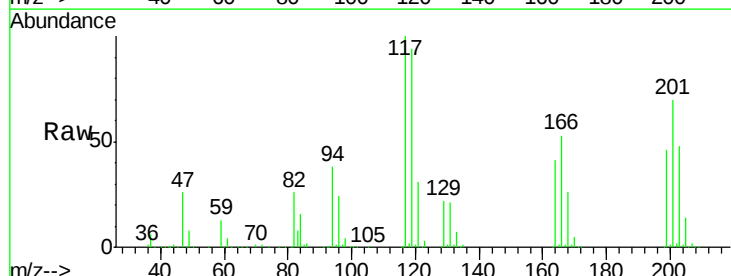
Manual Integrations
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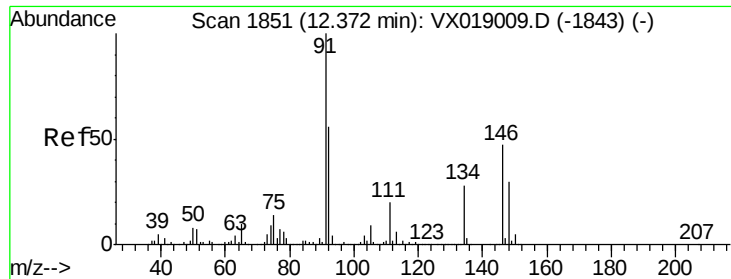
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#90
Hexachloroethane
Concen: 48.796 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	37.1	111.3





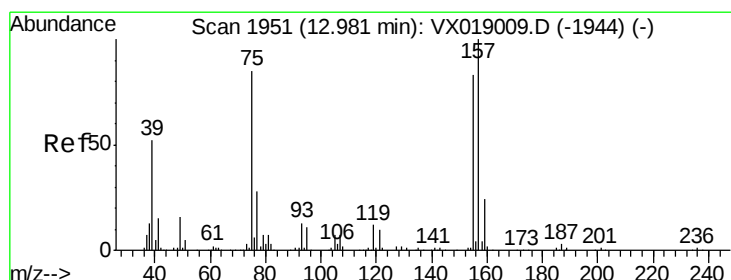
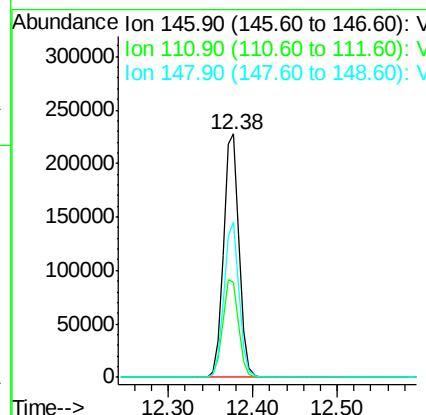
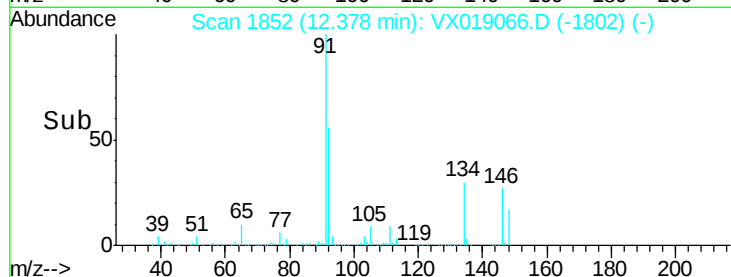
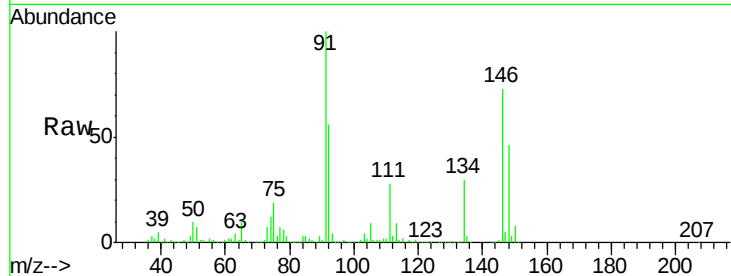
#91
 1,2-Dichlorobenzene
 Concen: 48.532 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	62.3	31.4	94.3

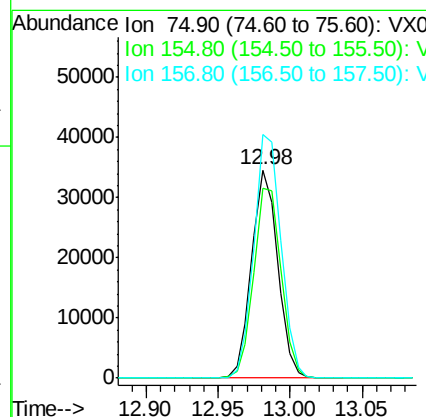
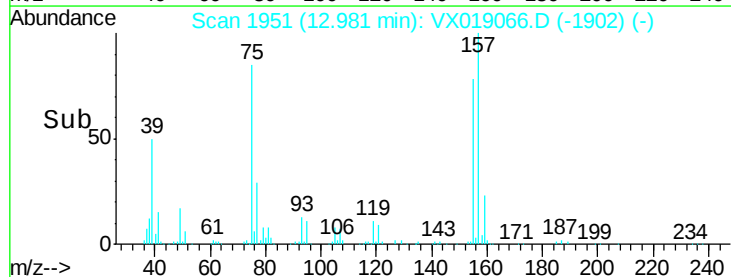
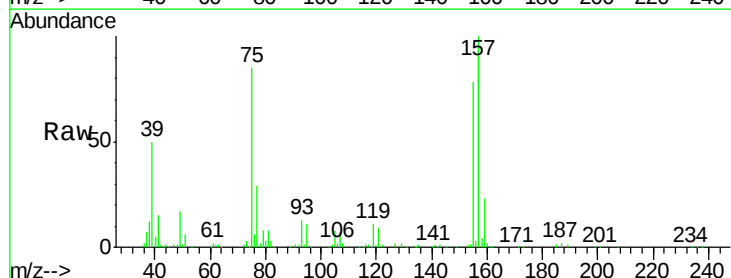
Manual Integrations
 APPROVED

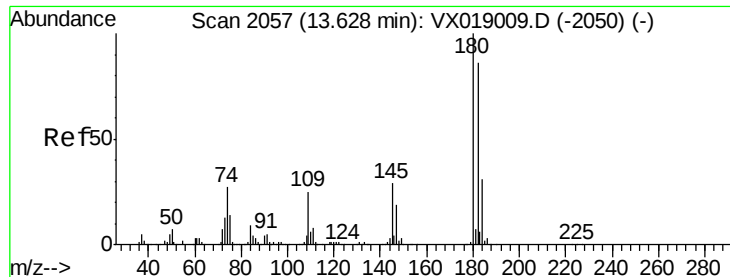
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.945 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	47.3	142.0
157	121.0	59.7	179.0





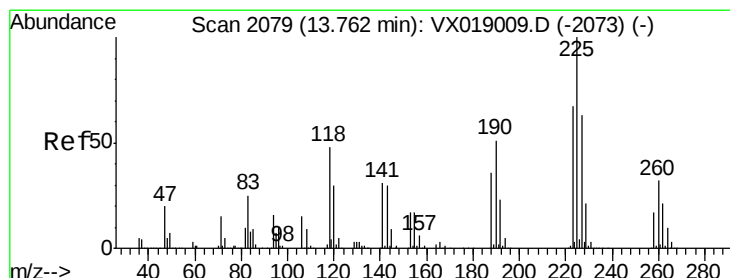
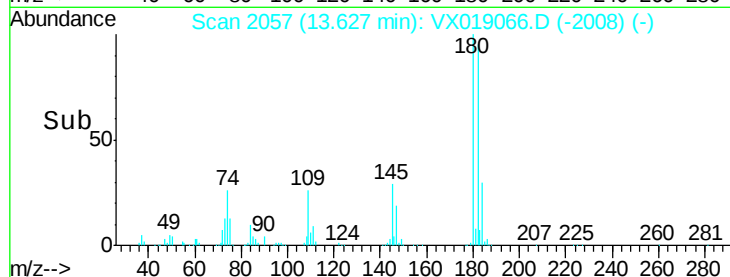
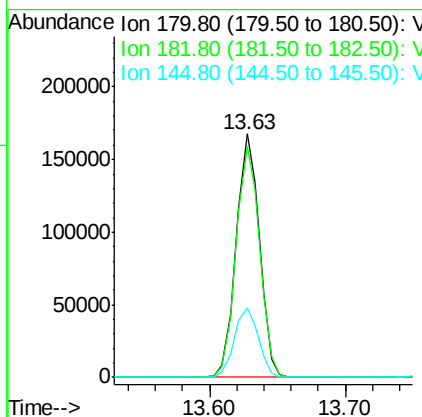
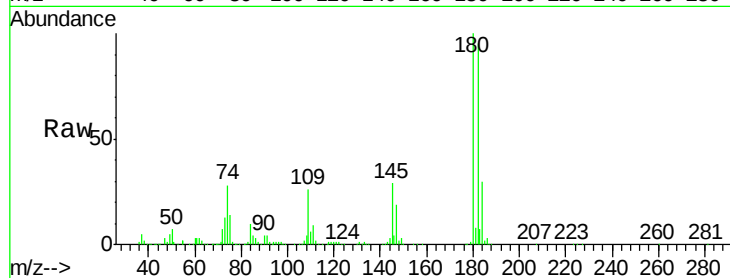
#93
 1,2,4-Trichlorobenzene
 Concen: 45.581 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198704		
182	96.6	46.4	139.2	
145	29.6	15.2	45.6	

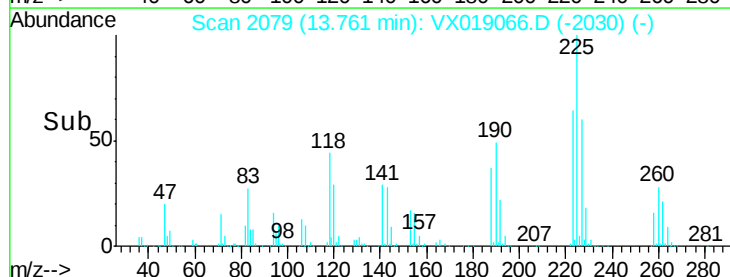
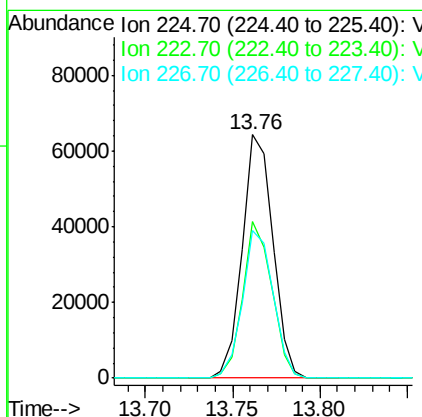
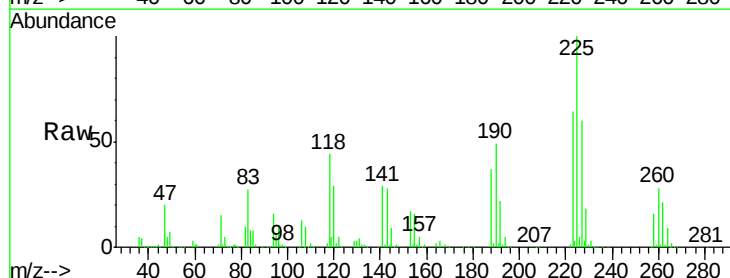
Manual Integrations
 APPROVED

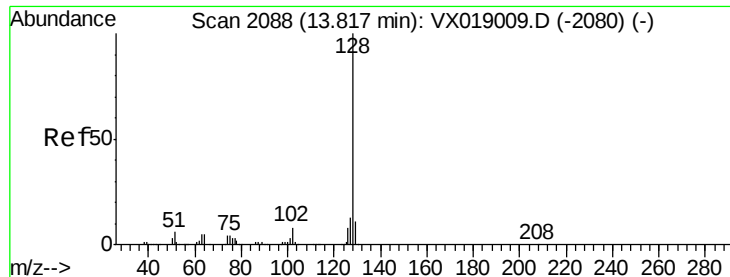
MMDadoda
 10/23/2020 5:24:42 PM



#94
 Hexachlorobutadiene
 Concen: 38.873 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78564		
223	61.2	32.5	97.4	
227	60.9	31.9	95.7	





#95

Naphthalene

Concen: 48.399 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

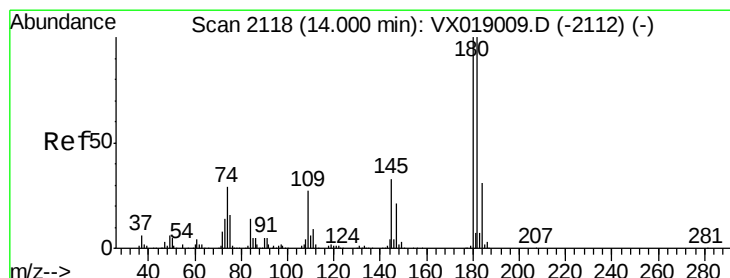
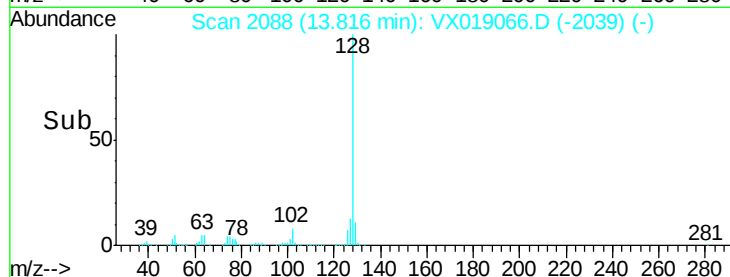
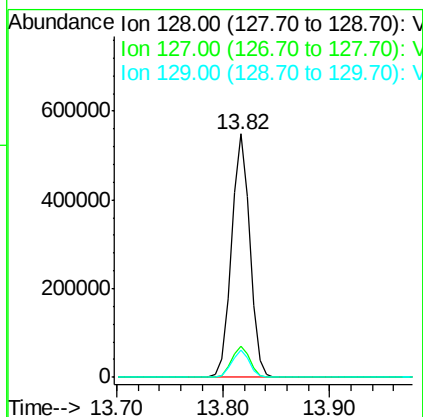
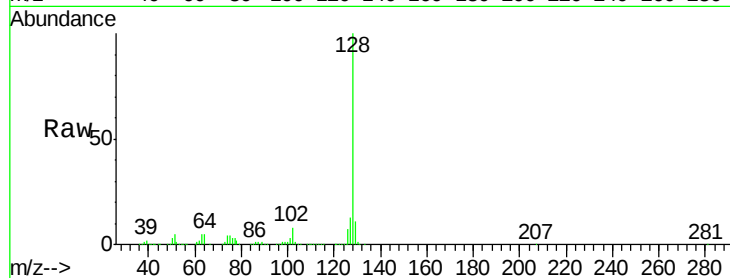
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	663851
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/23/2020 5:24:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 45.112 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion:	180	Resp:	191424
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	142.0
145	32.0	15.9	47.6

