

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017112.D
 Acq On : 01 Jul 2020 20:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:16:06 AM

Quant Time: Jul 02 03:49:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153270	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.46	113	126867	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.70	98	462961	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	185996	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120606	48.644	ug/l	98
3) Chloromethane	1.31	50	131381	43.777	ug/l	98
4) Vinyl Chloride	1.39	62	129329	46.446	ug/l	98
5) Bromomethane	1.62	94	73136	49.714	ug/l	98
6) Chloroethane	1.71	64	75088	45.659	ug/l	98
7) Trichlorofluoromethane	1.92	101	203231	49.350	ug/l	98
8) Diethyl Ether	2.17	74	71035	51.256	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120161	48.683	ug/l	98
10) Methyl Iodide	2.49	142	145855	45.797	ug/l	98
11) Tert butyl alcohol	3.01	59	144562	239.847	ug/l	99
12) 1,1-Dichloroethene	2.36	96	119706	47.211	ug/l	96
13) Acrolein	2.28	56	50013	138.810	ug/l	98
14) Allyl chloride	2.71	41	215884	46.071	ug/l	98
15) Acrylonitrile	3.12	53	353994	244.314	ug/l	100
16) Acetone	2.42	43	287950	243.630	ug/l	98
17) Carbon Disulfide	2.55	76	341965	48.332	ug/l	99
18) Methyl Acetate	2.75	43	155966	50.550	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	427216	50.203	ug/l	99
20) Methylene Chloride	2.84	84	138754	51.207	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	134096	47.656	ug/l	96
22) Diisopropyl ether	3.82	45	427144	49.251	ug/l	97
23) Vinyl Acetate	3.79	43	1893332	254.050	ug/l	99
24) 1,1-Dichloroethane	3.67	63	238823	48.396	ug/l	100
25) 2-Butanone	4.64	43	481870	244.682	ug/l	100
26) 2,2-Dichloropropane	4.56	77	191049	43.602	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	150073	47.071	ug/l	100
28) Bromochloromethane	4.98	49	109757	45.706	ug/l	97
29) Tetrahydrofuran	5.09	42	320638	246.416	ug/l	100
30) Chloroform	5.18	83	247921	49.009	ug/l	98
31) Cyclohexane	5.55	56	203570	47.725	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	223710	48.019	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181156	48.378	ug/l	99
37) Ethyl Acetate	4.79	43	190195	50.060	ug/l	99
38) Carbon Tetrachloride	5.76	117	206873	50.158	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	205095	49.226	ug/l	99
40) Benzene	6.12	78	537017	48.809	ug/l	100
41) Methacrylonitrile	5.01	41	109417	51.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	200789	50.524	ug/l	100
43) Isopropyl Acetate	6.42	43	311568	49.350	ug/l	99
44) Trichloroethene	7.19	130	155658	51.277	ug/l	98
45) 1,2-Dichloropropane	7.49	63	140638	49.768	ug/l	96
46) Dibromomethane	7.64	93	96867	50.209	ug/l	97
47) Bromodichloromethane	7.87	83	200803	50.505	ug/l	95
48) Methyl methacrylate	7.74	41	156117	52.048	ug/l	97
49) 1,4-Dioxane	7.71	88	65456	963.269	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	971028	258.019	ug/l	100
52) Toluene	8.76	92	344083	50.090	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	219580	50.055	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	230763	49.072	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	140497	50.060	ug/l	99
56) Ethyl methacrylate	9.16	69	214982	53.817	ug/l	99
57) 1,3-Dichloropropane	9.35	76	237506	50.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	565085	284.232	ug/l	100
59) 2-Hexanone	9.48	43	736324	267.896	ug/l	100
60) Dibromochloromethane	9.57	129	169083	51.870	ug/l	100
61) 1,2-Dibromoethane	9.65	107	153307	50.818	ug/l	100
64) Tetrachloroethene	9.32	164	145600	47.807	ug/l	99
65) Chlorobenzene	10.12	112	379939	48.781	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	152330	50.749	ug/l	99
67) Ethyl Benzene	10.23	91	663548	51.014	ug/l	100
68) m/p-Xylenes	10.34	106	508165	101.749	ug/l	98
69) o-Xylene	10.68	106	243248	51.198	ug/l	98
70) Styrene	10.70	104	429013	53.026	ug/l	100
71) Bromoform	10.84	173	129572	54.436	ug/l #	99
73) Isopropylbenzene	11.00	105	661791	48.820	ug/l	100
74) N-amyl acetate	10.88	43	284053	49.109	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	203049	47.619	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	195657m	48.077	ug/l	
77) Bromobenzene	11.24	156	175516	47.111	ug/l	99
78) n-propylbenzene	11.34	91	754892	49.245	ug/l	99
79) 2-Chlorotoluene	11.40	91	452547	48.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	568072	50.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73479	46.757	ug/l	98
82) 4-Chlorotoluene	11.49	91	543714	49.025	ug/l	100
83) tert-Butylbenzene	11.76	119	556588	50.426	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	580084	50.853	ug/l	100
85) sec-Butylbenzene	11.93	105	646298	49.813	ug/l	99
86) p-Isopropyltoluene	12.05	119	604088	50.014	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	316180	46.727	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	317043	49.683	ug/l	100
89) n-Butylbenzene	12.37	91	514116	47.670	ug/l	100
90) Hexachloroethane	12.58	117	112795	47.355	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	303334	47.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47663	46.857	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206427	47.817	ug/l	99
94) Hexachlorobutadiene	13.77	225	77679	47.455	ug/l	96
95) Naphthalene	13.82	128	673734	51.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201759	48.292	ug/l	99

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

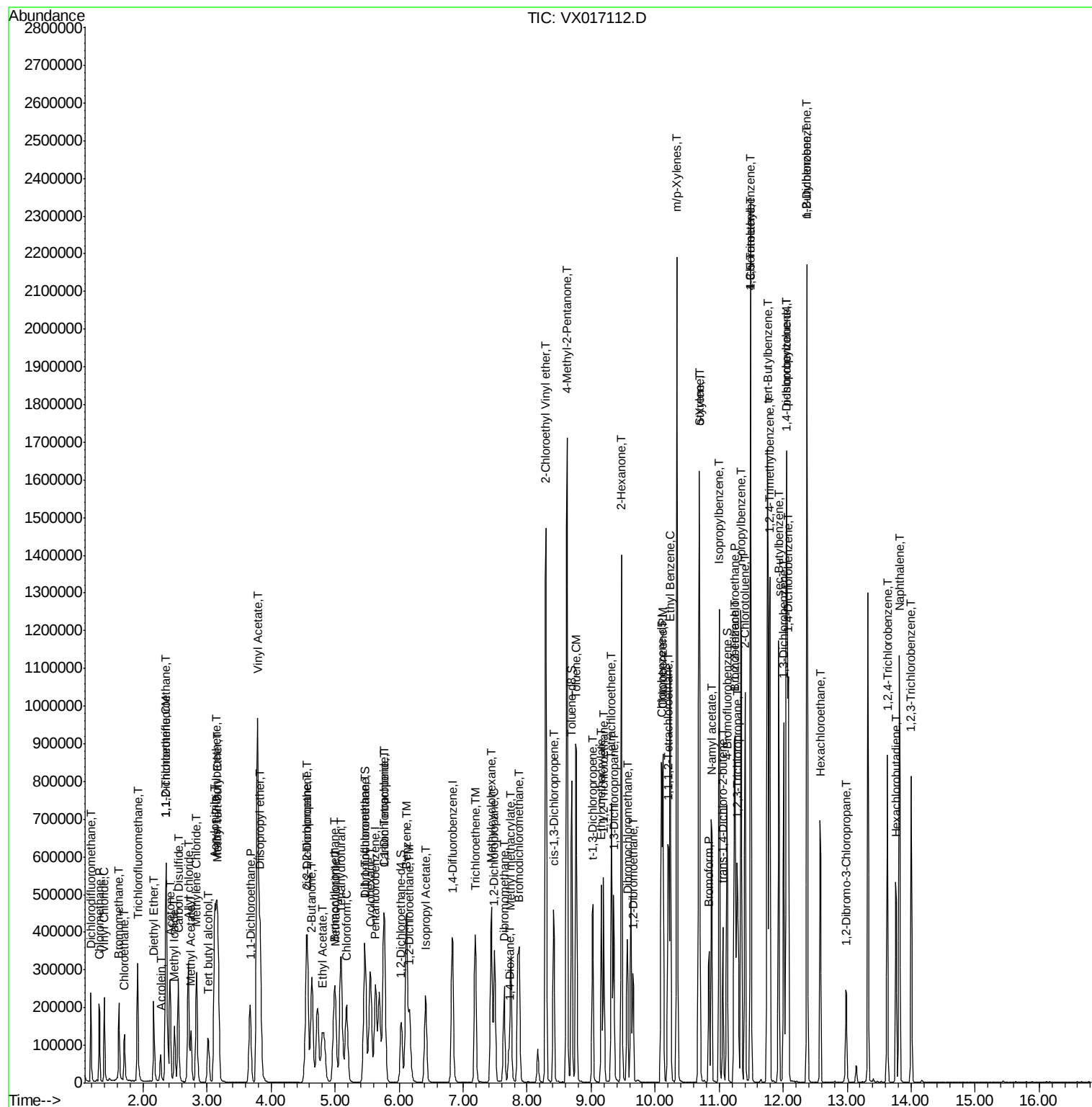
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Data File : VX017112.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 256281

Ion Ratio Lower Upper

168 100

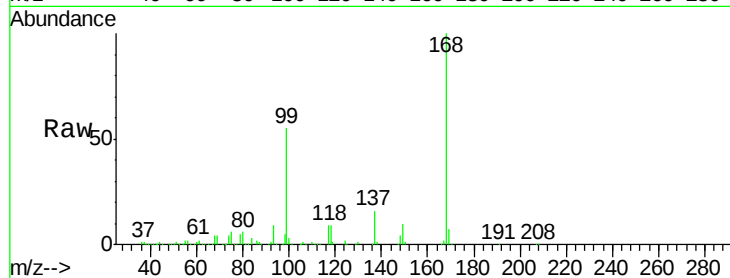
99 54.6 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

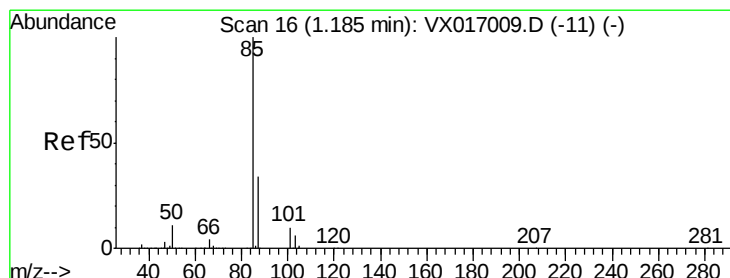
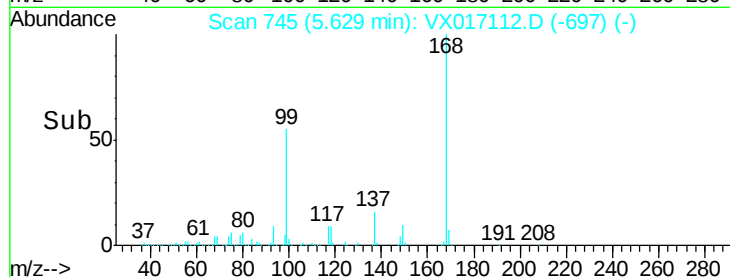
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40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.644 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017112.D

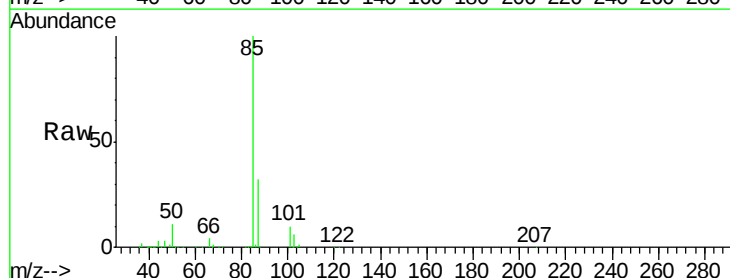
Acq: 01 Jul 2020 20:34

Tgt Ion: 85 Resp: 120606

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

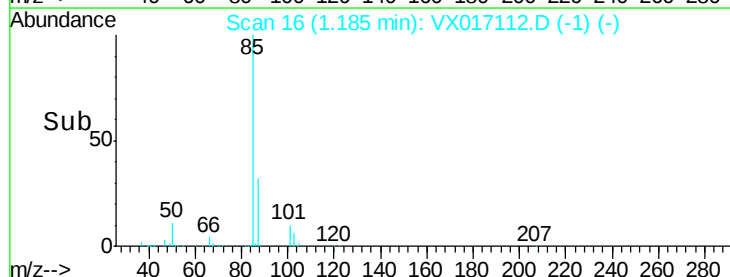
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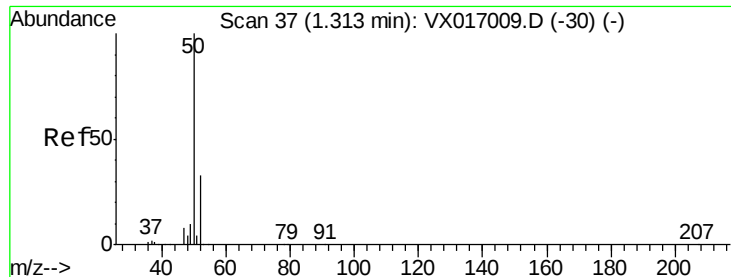
100000

50000

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Time-->





#3

Chloromethane

Concen: 43.777 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 131381

Ion Ratio Lower Upper

50 100

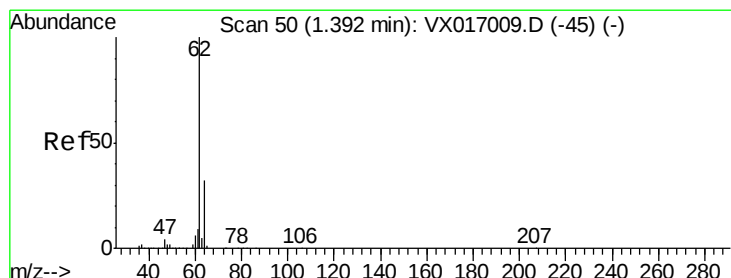
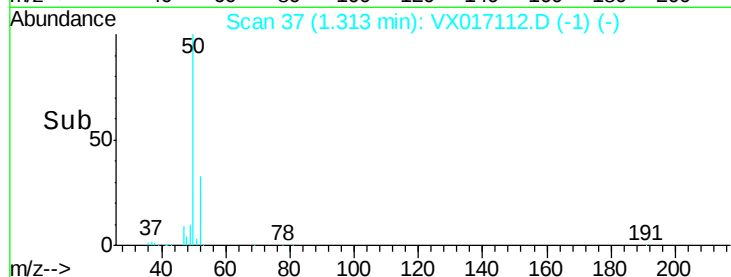
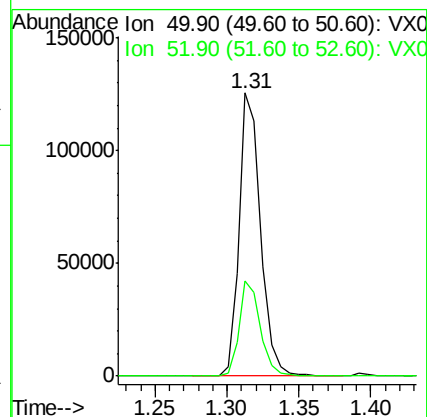
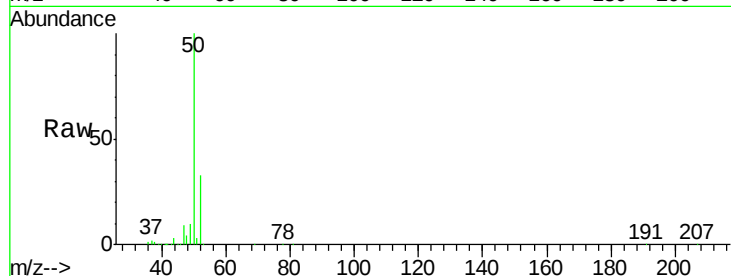
52 33.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.446 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017112.D

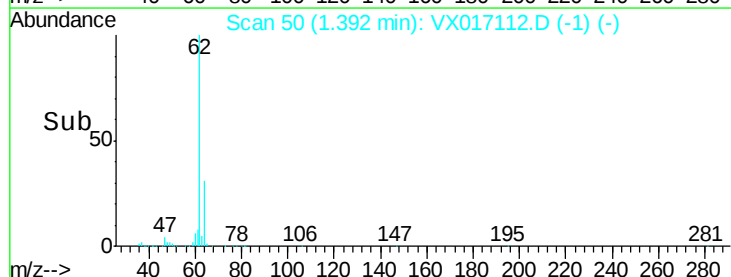
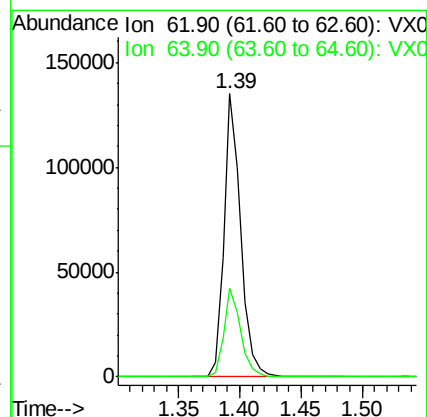
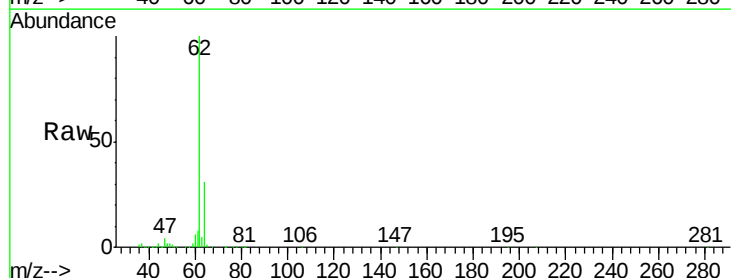
Acq: 01 Jul 2020 20:34

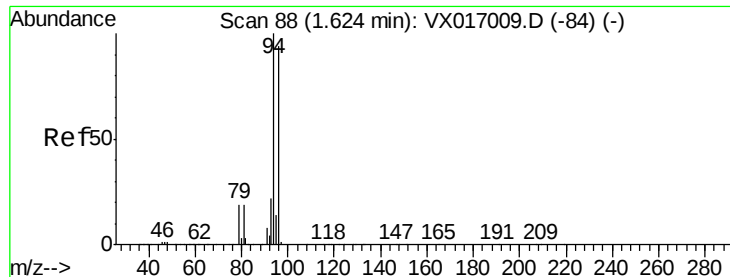
Tgt Ion: 62 Resp: 129329

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 49.714 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 73136

Ion Ratio Lower Upper

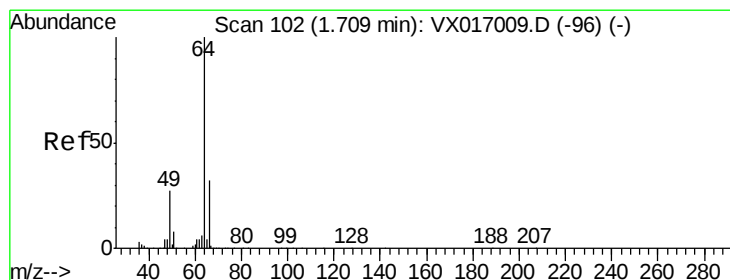
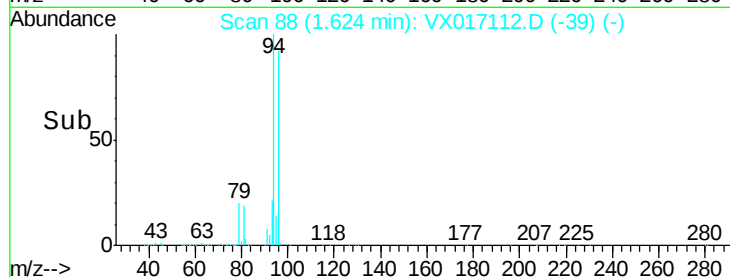
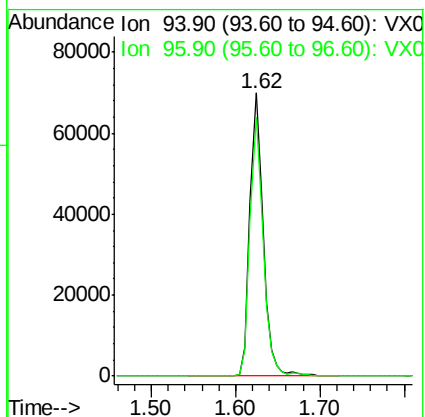
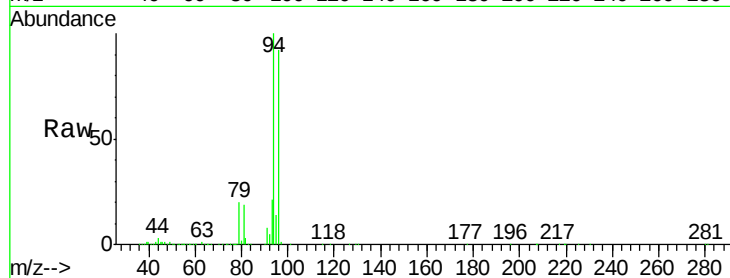
94 100

96 91.5 75.0 112.4

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#6

Chloroethane

Concen: 45.659 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017112.D

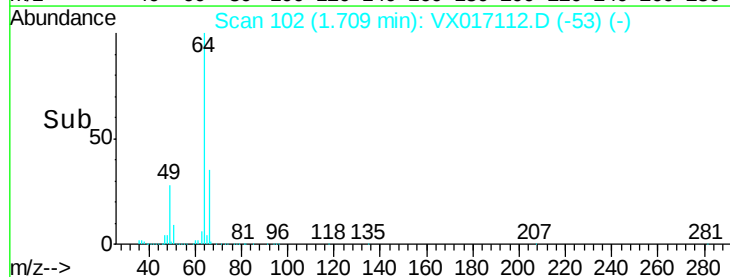
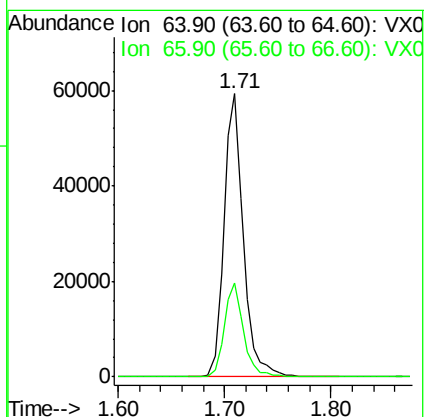
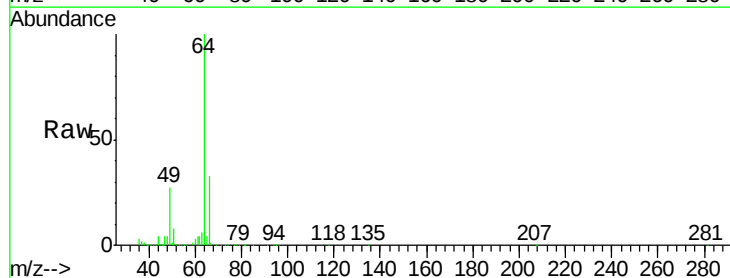
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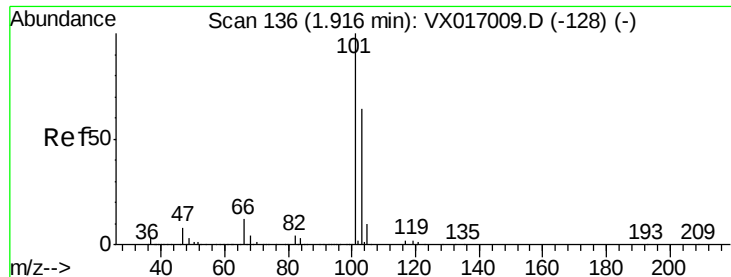
Tgt Ion: 64 Resp: 75088

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3





#7

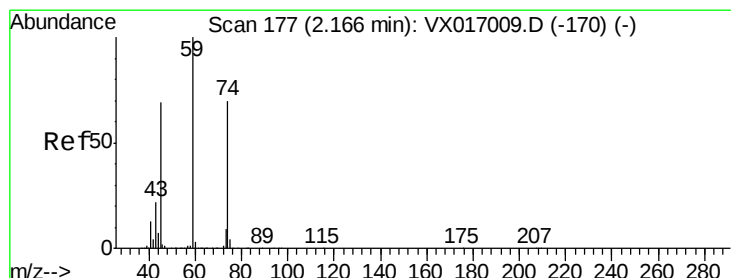
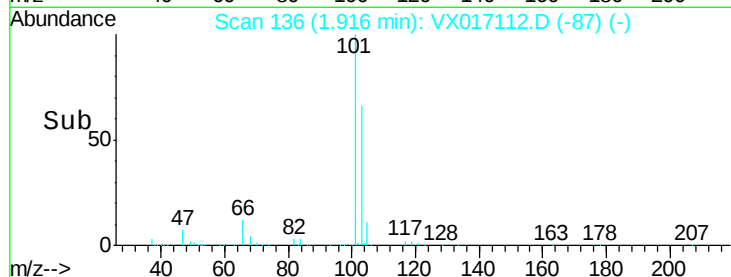
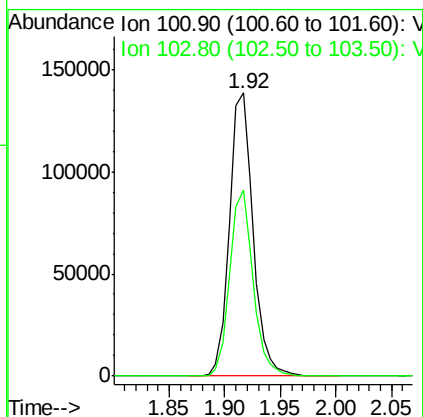
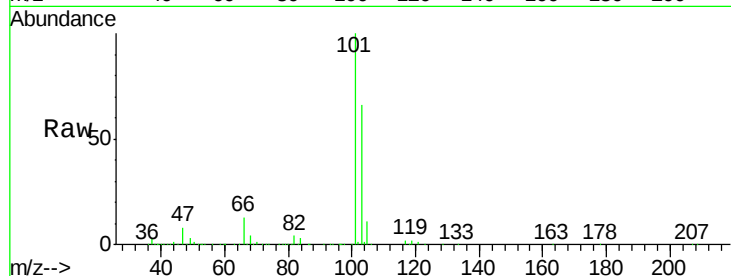
Trichlorofluoromethane
Concen: 49.350 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

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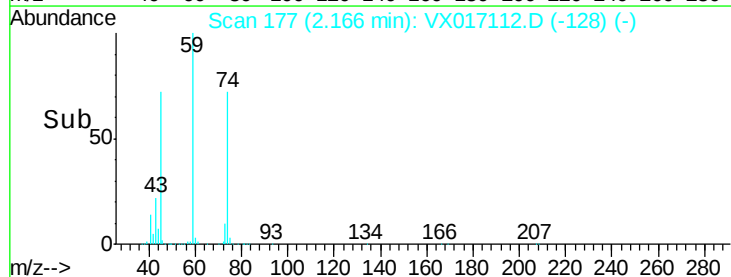
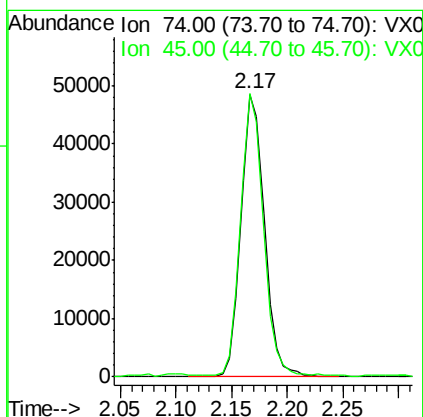
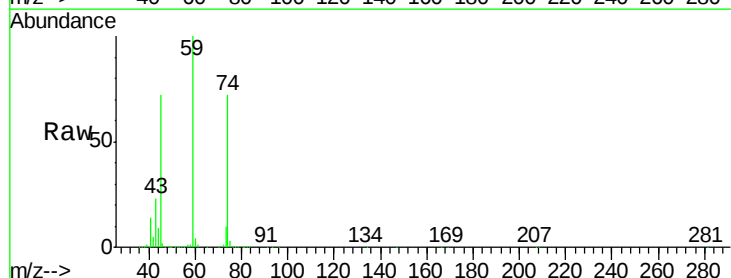
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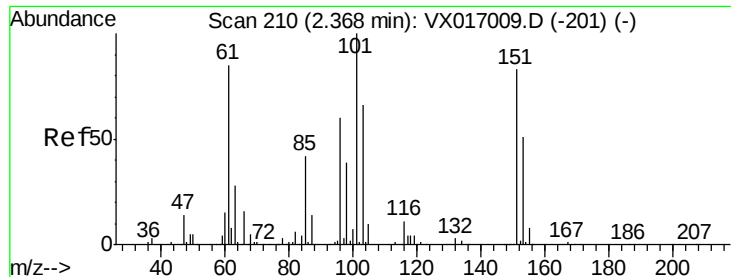


#8

Diethyl Ether
Concen: 51.256 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.683 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017112.D

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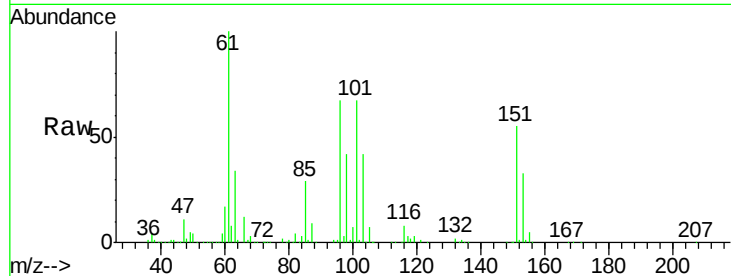
ClientSampleId :

VSTDCCC050EC

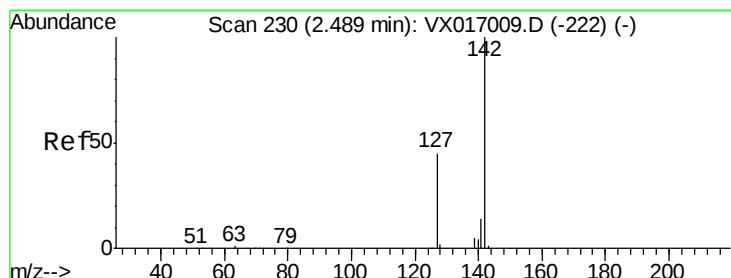
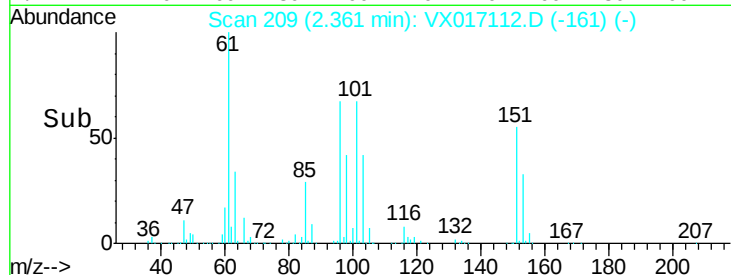
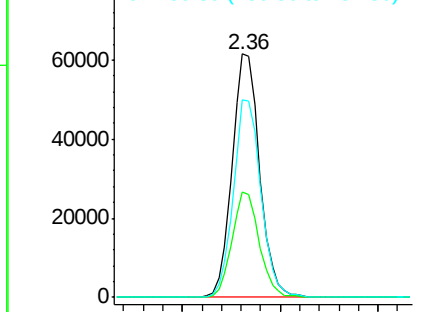
Tot Ion:	101	Resp:	120161
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.5	50.3
151	81.5	63.8	95.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.797 ug/l

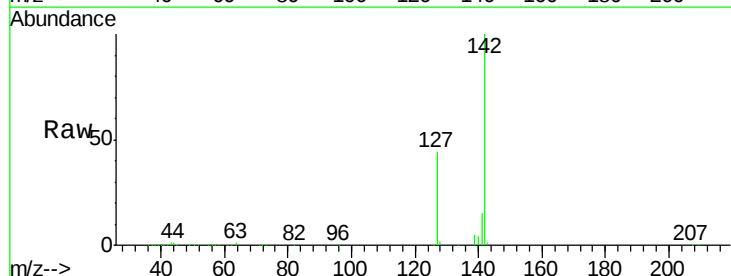
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

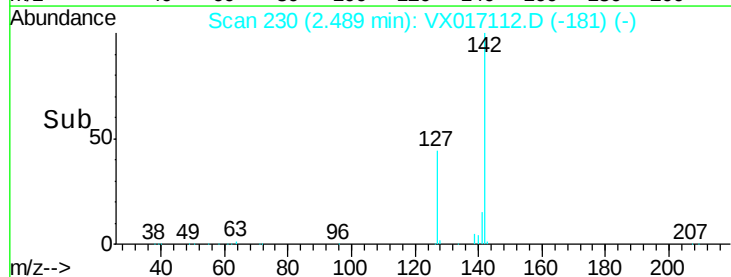
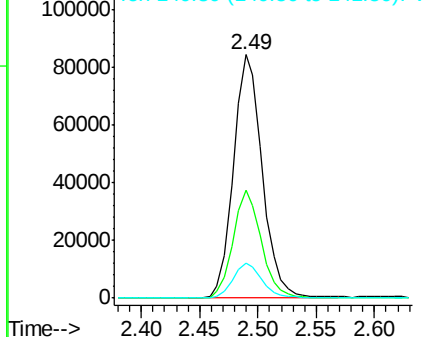
Lab File: VX017112.D

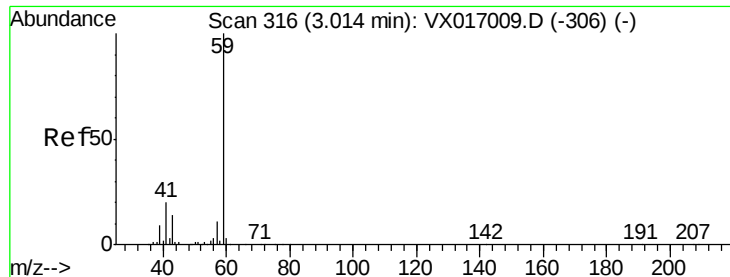
Acq: 01 Jul 2020 20:34

Tgt Ion:	142	Resp:	145855
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.6	54.8
141	14.6	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

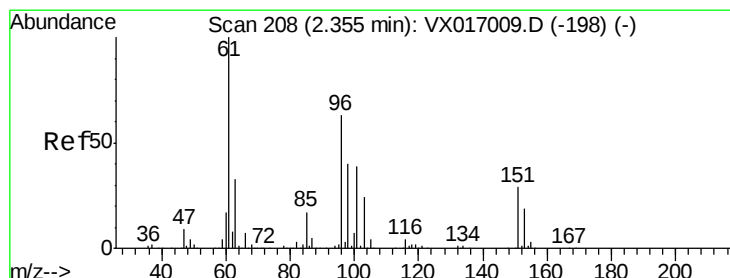
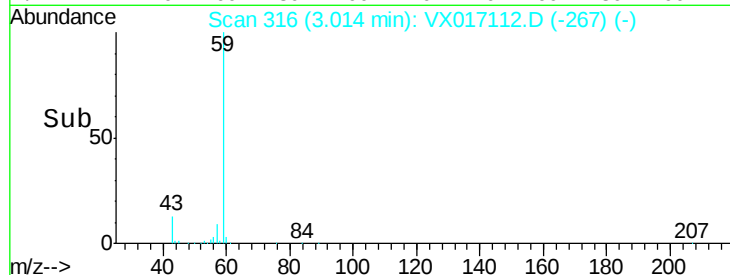
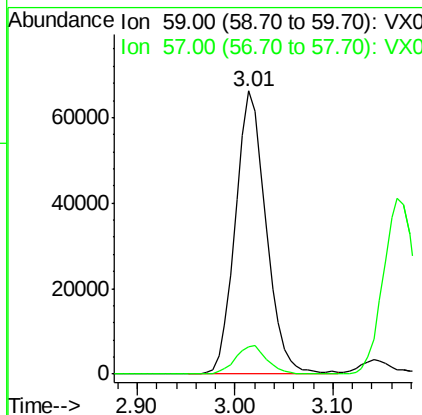
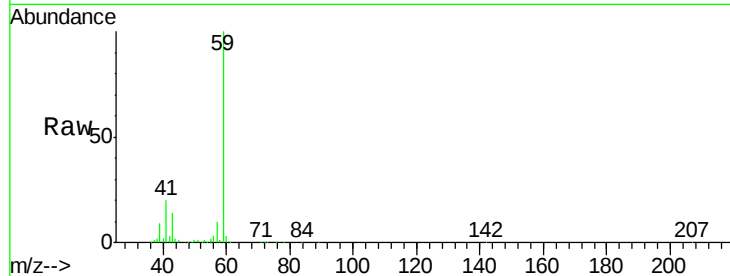
Tert butyl alcohol
Concen: 239.847 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
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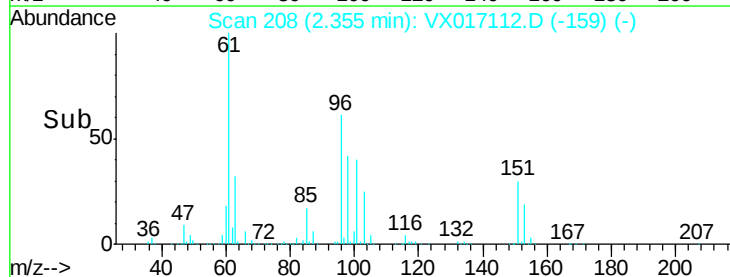
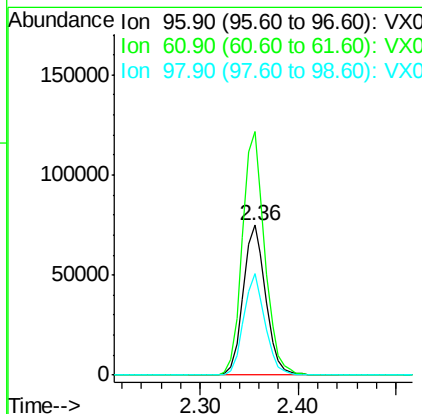
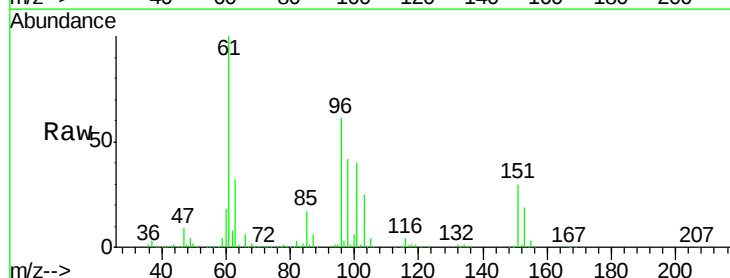
MMDadoda
7/2/2020 9:16:06 AM

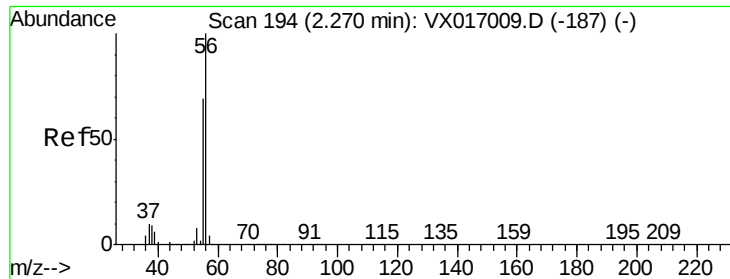


#12

1,1-Dichloroethene
Concen: 47.211 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	126.3	189.5
98	68.1	51.0	76.6





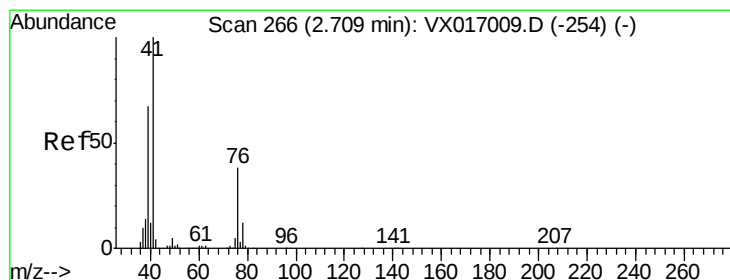
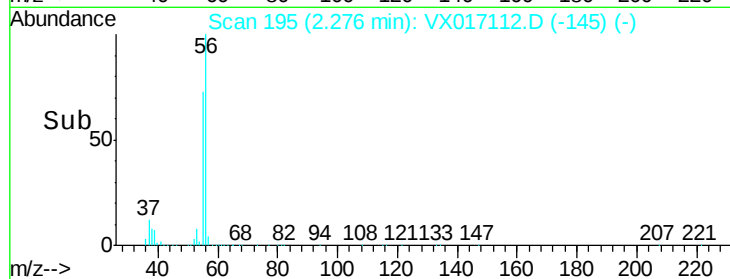
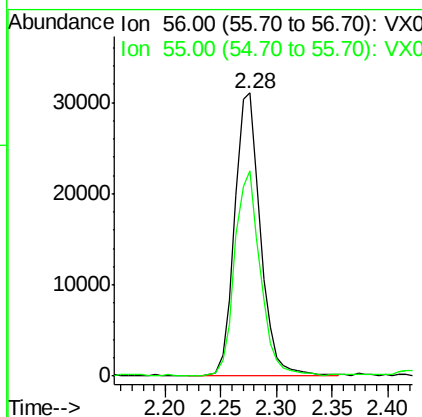
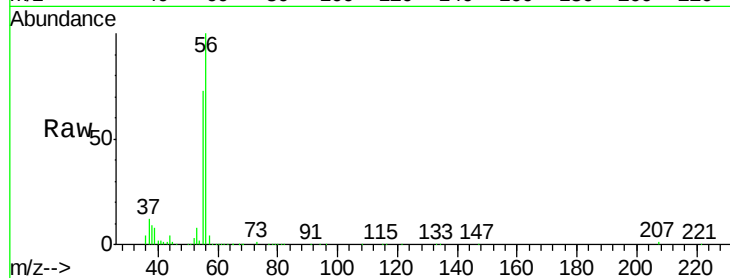
#13
Acrolein
Concen: 138.810 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	100	71.1	Resp	50013	Lower	Upper
56	100								
55		71.1						55.7	83.5

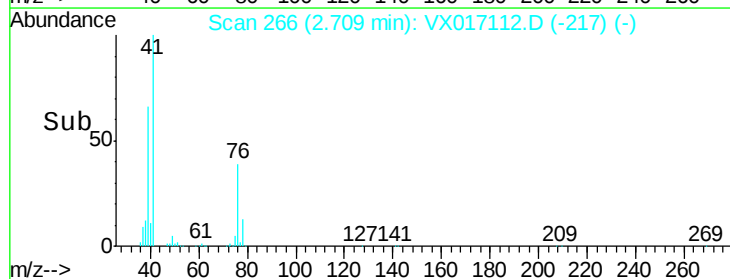
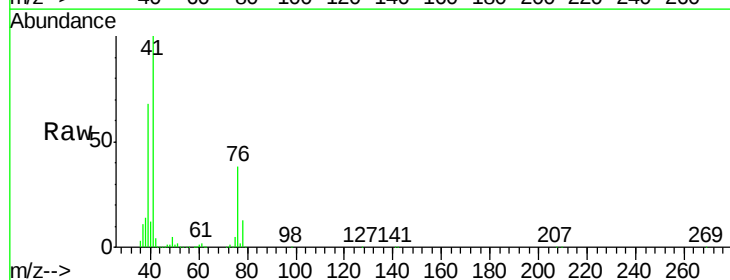
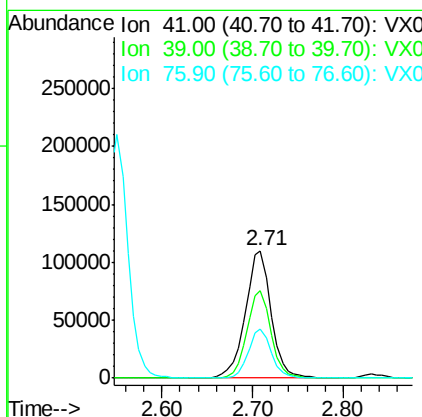
Manual Integrations
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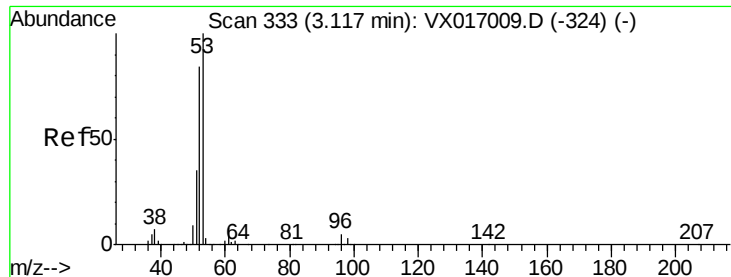
MMDadoda
7/2/2020 9:16:06 AM



#14
Allyl chloride
Concen: 46.071 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	41	39	76	Ratio	100	63.8	34.0	Resp	215884	Lower	Upper
41	100										
39		63.8								49.4	74.2
76			34.0							26.8	40.2





#15

Acrylonitrile

Concen: 244.314 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

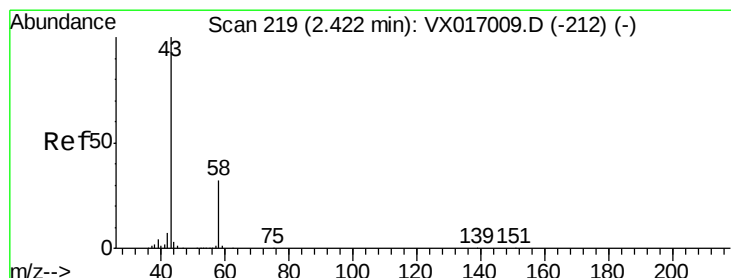
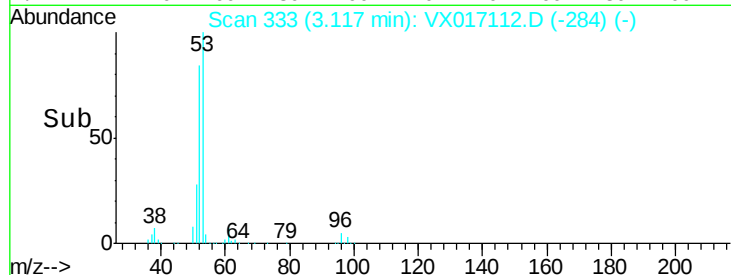
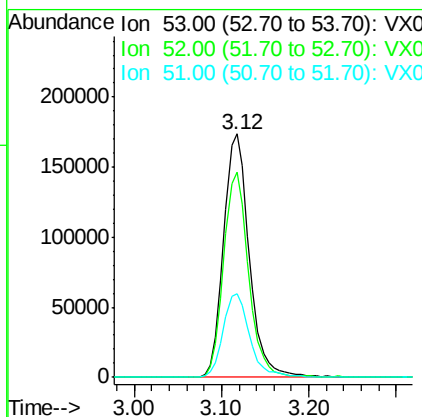
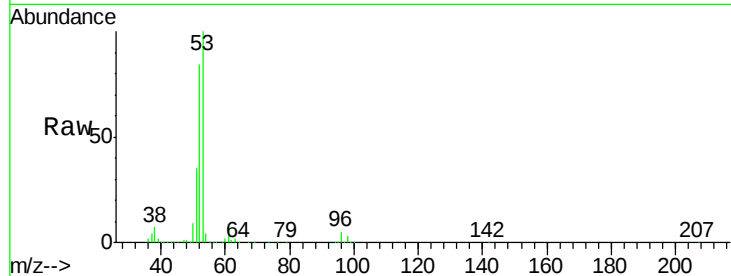
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	353994
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.6	98.4
51	35.9	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 243.630 ug/l

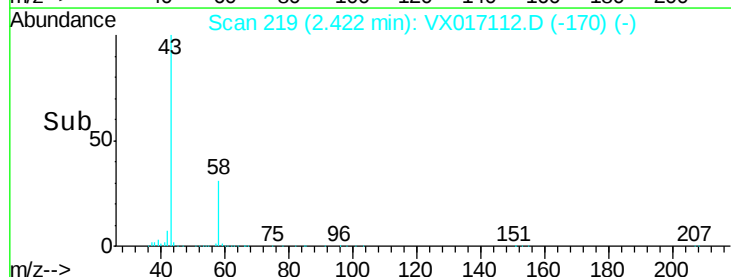
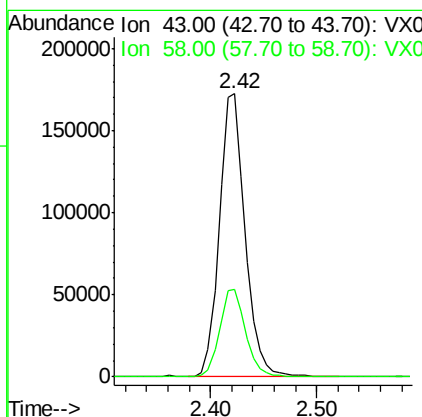
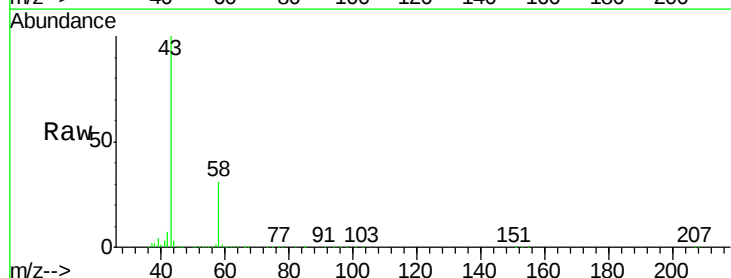
RT: 2.42 min Scan# 219

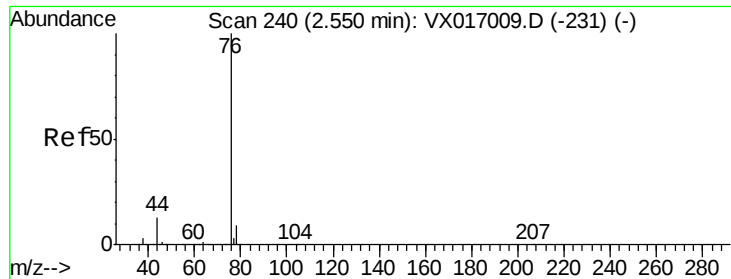
Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion:	43	Resp:	287950
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.7	38.5





#17

Carbon Disulfide

Concen: 48.332 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 341965

Ion Ratio Lower Upper

76 100

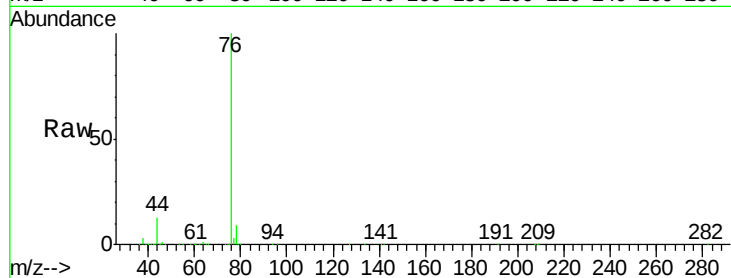
78 8.7 7.2 10.8

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

250000

200000

150000

100000

50000

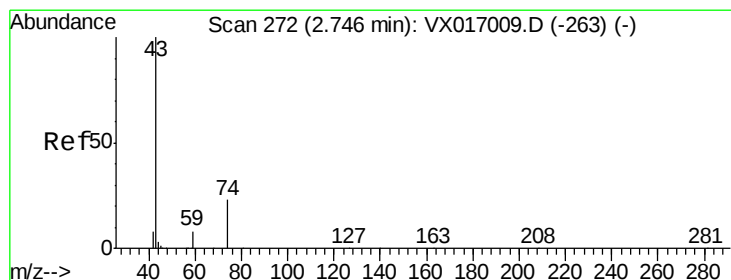
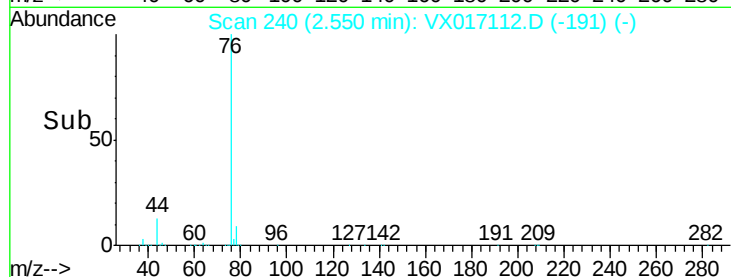
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 50.550 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017112.D

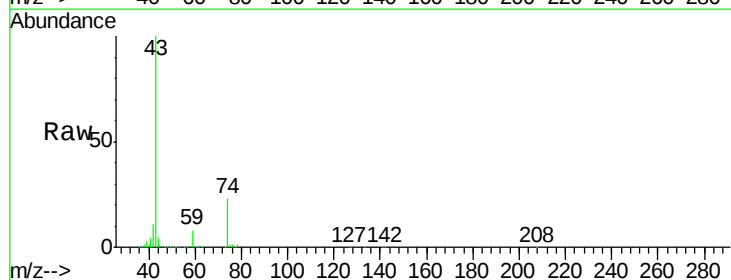
Acq: 01 Jul 2020 20:34

Tgt Ion: 43 Resp: 155966

Ion Ratio Lower Upper

43 100

74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

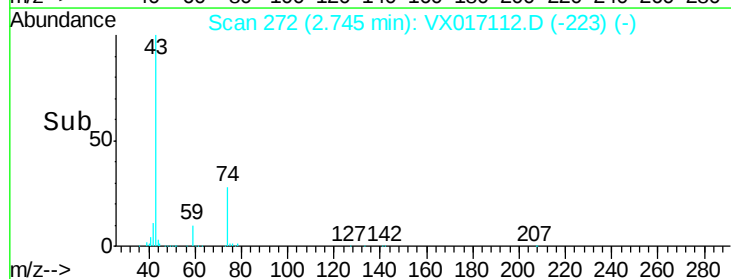
0

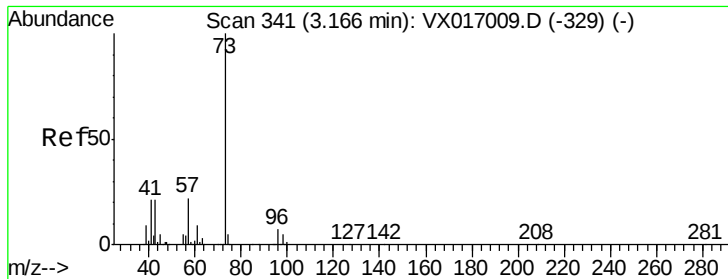
2.75

2.80

2.85

Time-->





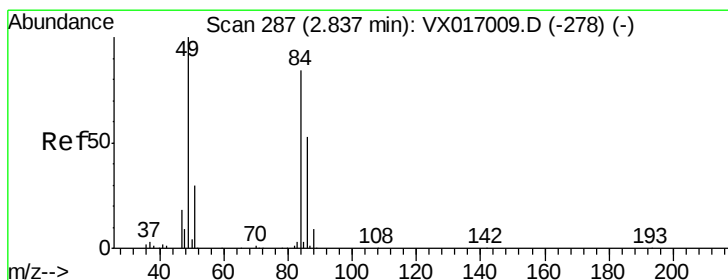
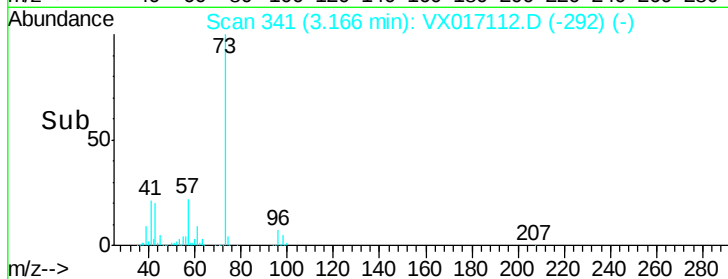
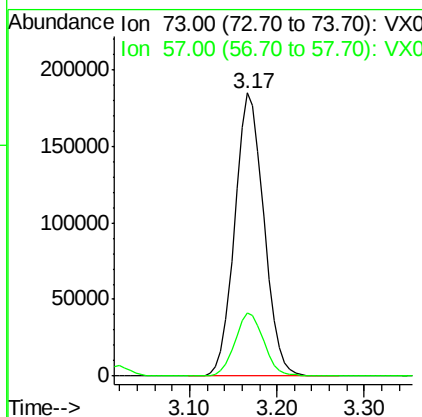
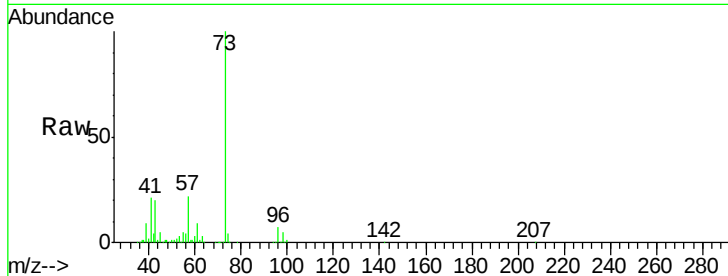
#19
Methyl tert-butyl Ether
Concen: 50.203 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.6	26.4

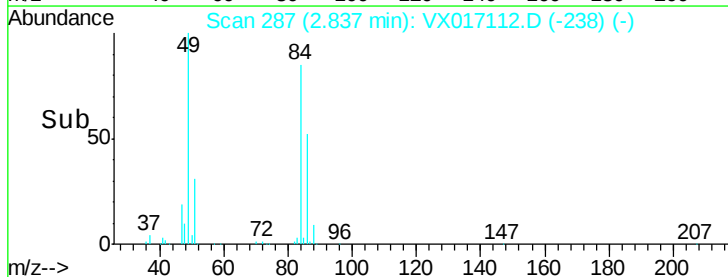
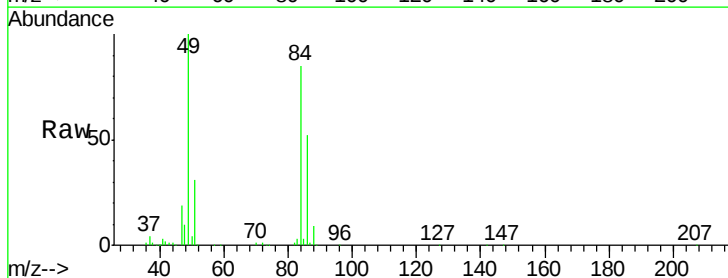
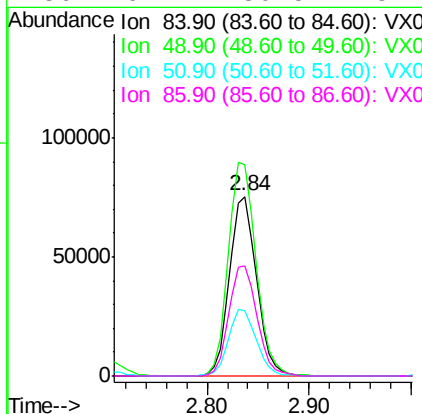
Manual Integrations
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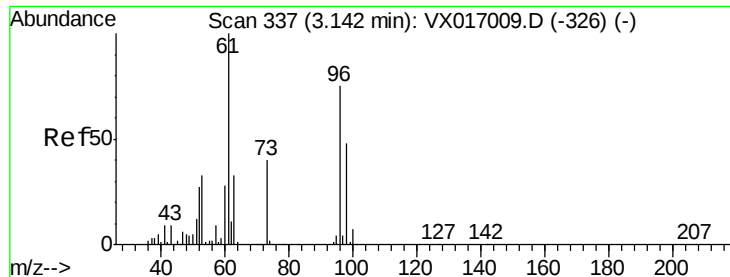
MMDadoda
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#20
Methylene Chloride
Concen: 51.207 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.6	94.7	142.1
51	36.2	28.6	42.8
86	61.2	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 47.656 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 134096

Ion Ratio Lower Upper

96 100

61 140.4 107.0 160.6

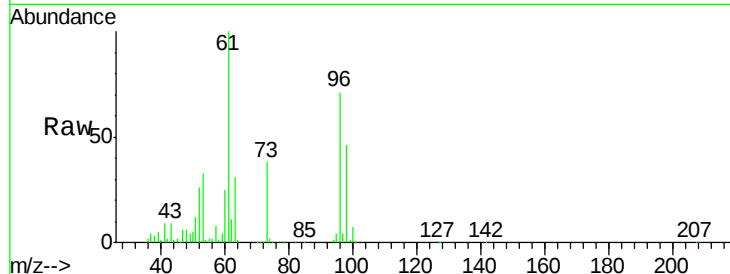
98 64.1 51.6 77.4

Manual Integrations

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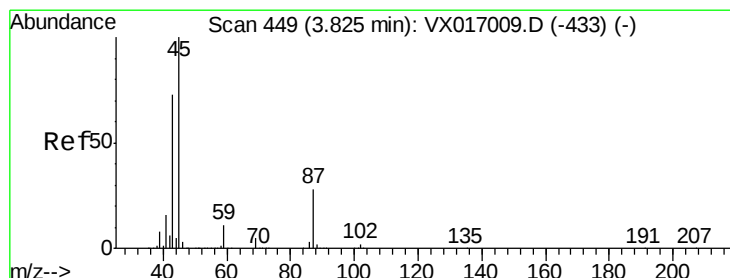
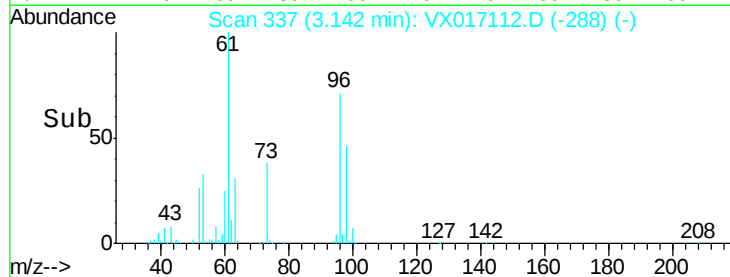
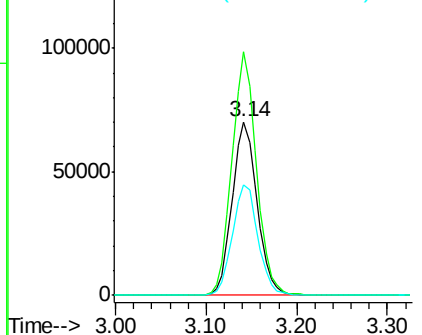
7/2/2020 9:16:06 AM



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: 49.251 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion: 45 Resp: 427144

Ion Ratio Lower Upper

45 100

43 77.2 58.6 88.0

87 28.1 22.6 34.0

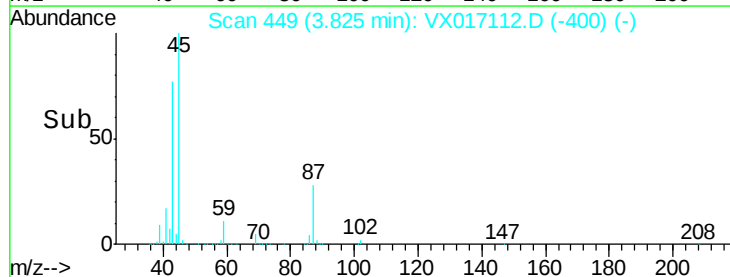
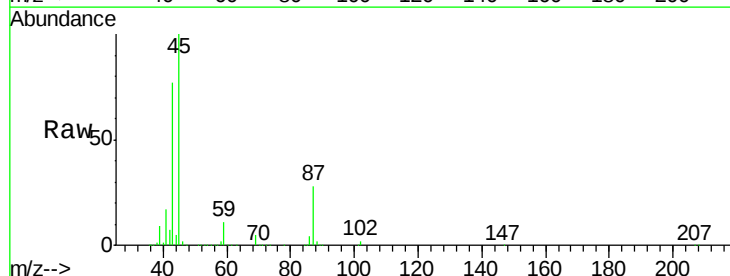
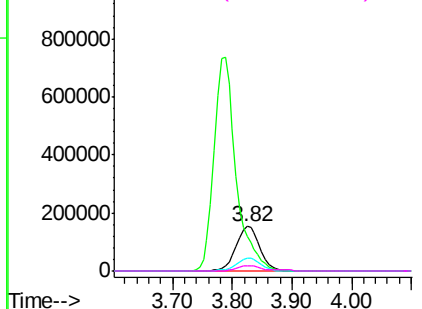
59 11.3 8.7 13.1

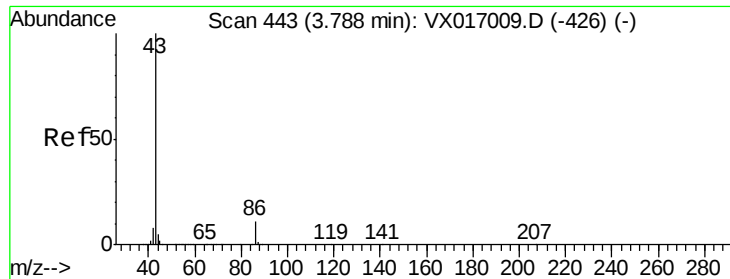
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 254.050 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1893332

Ion Ratio Lower Upper

43 100

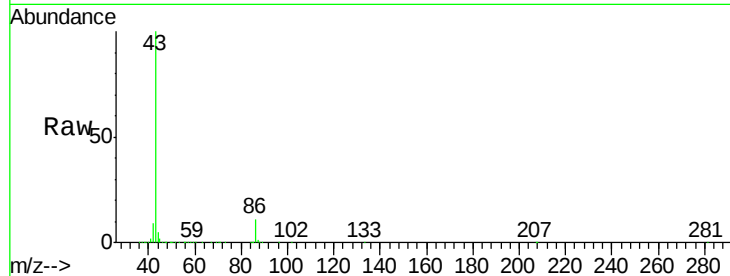
86 11.2 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

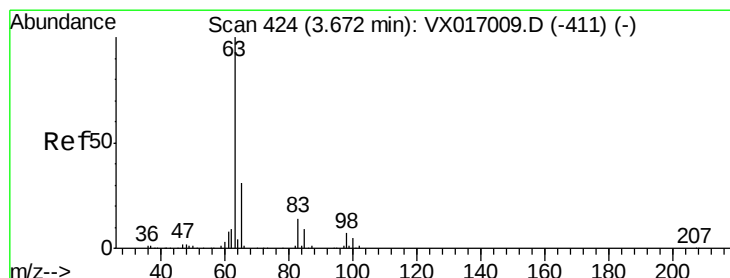
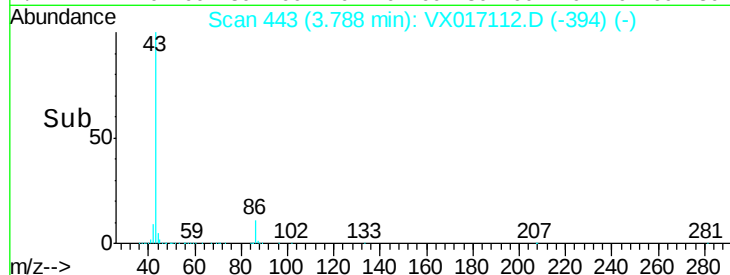
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.396 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

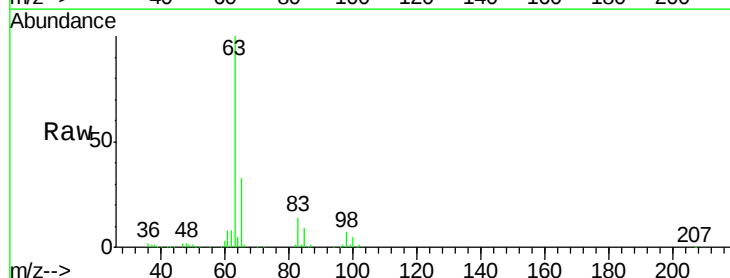
Tgt Ion: 63 Resp: 238823

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

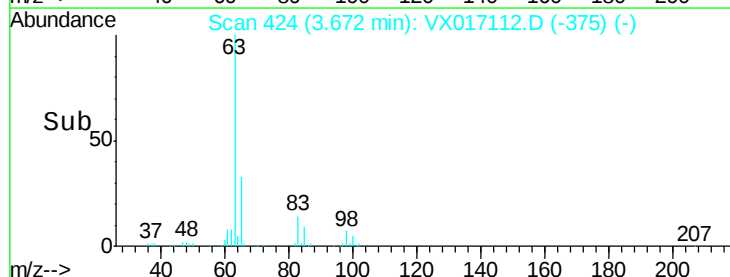
3.67

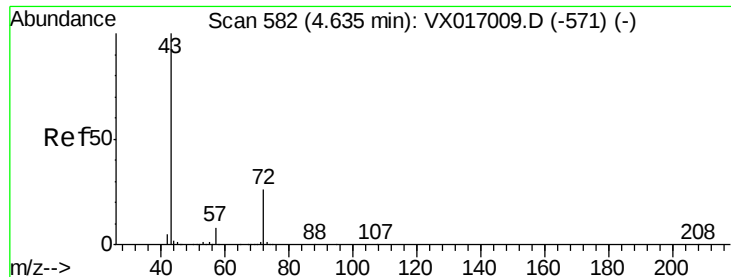
100000

50000

0

Time-->





#25

2-Butanone

Concen: 244.682 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 481870

Ion Ratio Lower Upper

43 100

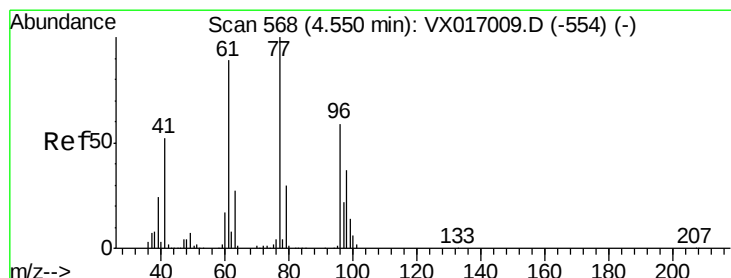
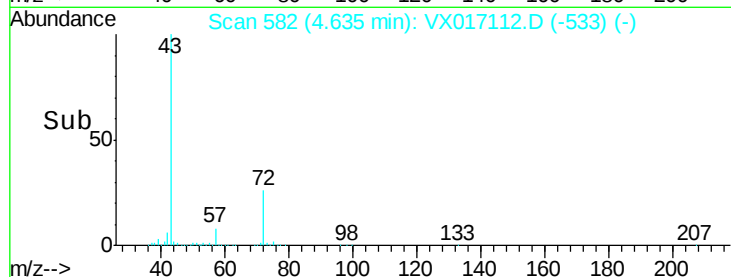
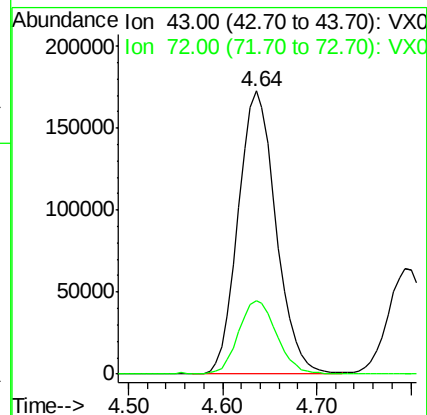
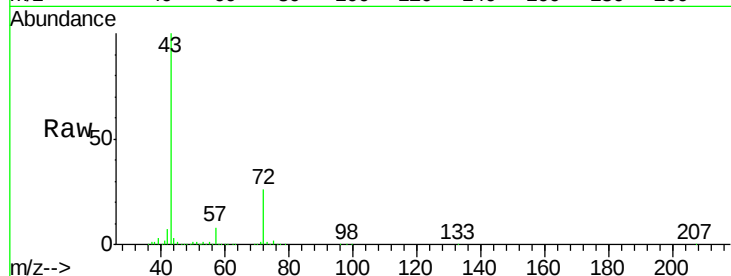
72 25.9 20.8 31.2

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#26

2,2-Dichloropropane

Concen: 43.602 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017112.D

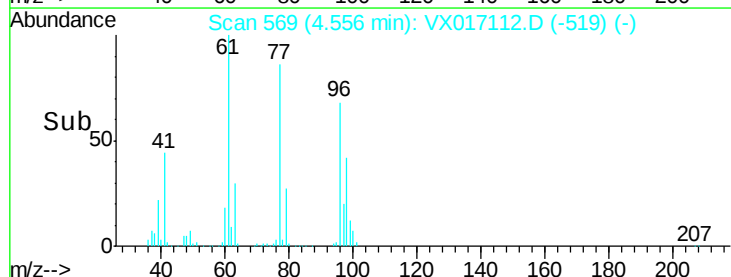
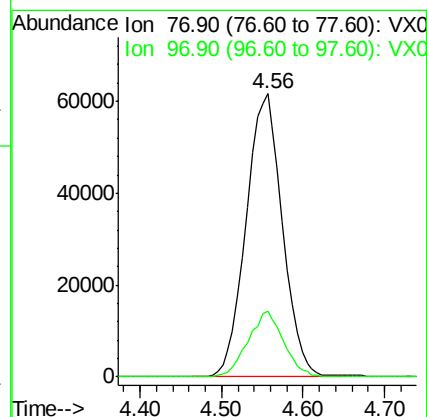
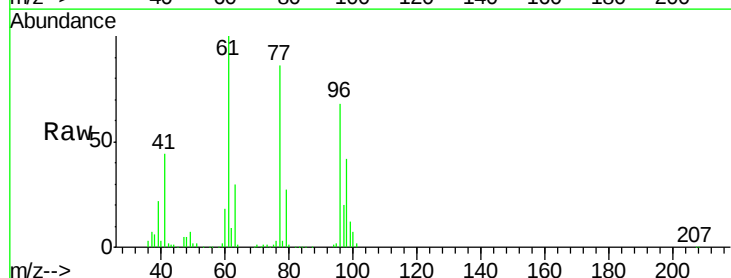
Acq: 01 Jul 2020 20:34

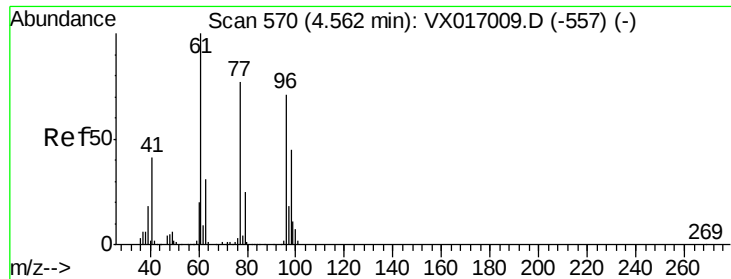
Tgt Ion: 77 Resp: 191049

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

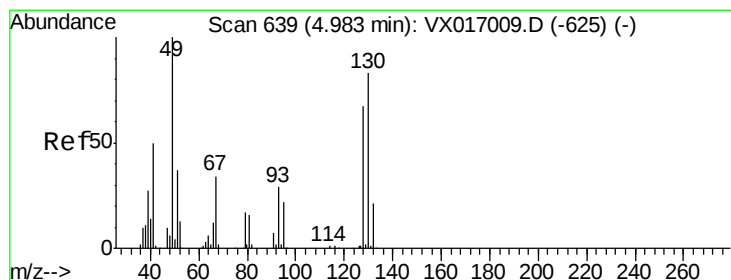
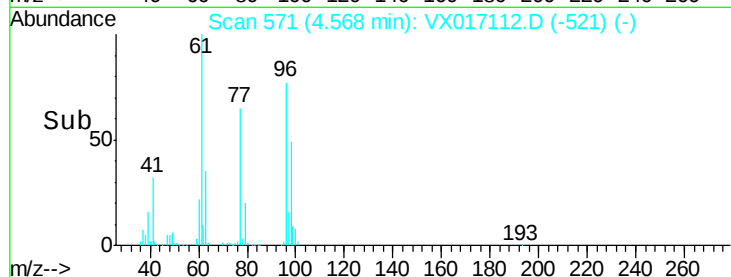
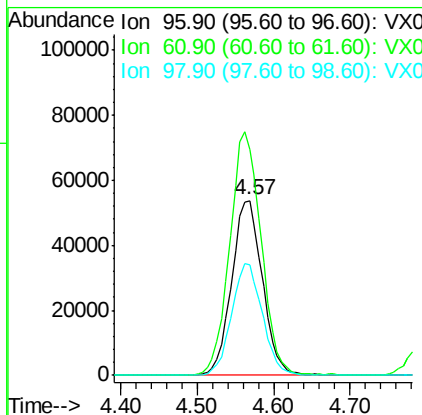
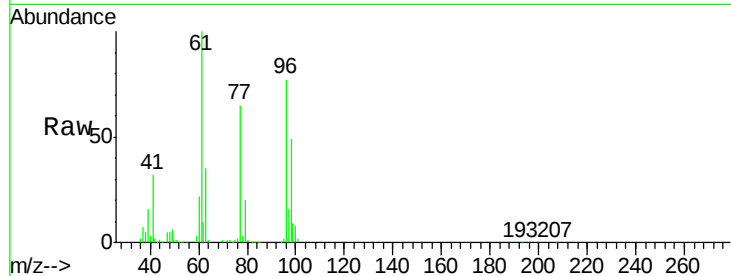
cis-1,2-Dichloroethene
Concen: 47.071 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	282.8
98	64.0	0.0	127.6

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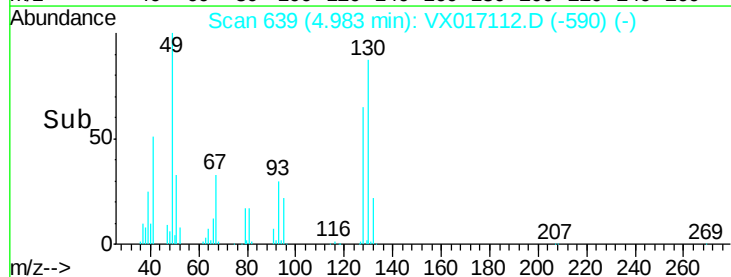
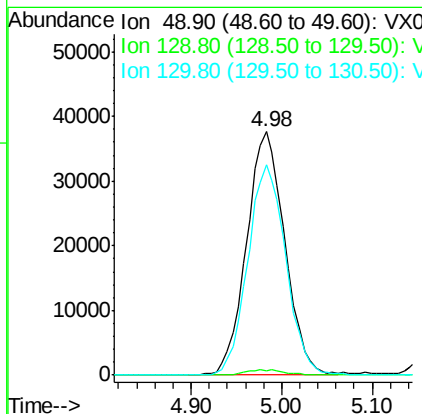
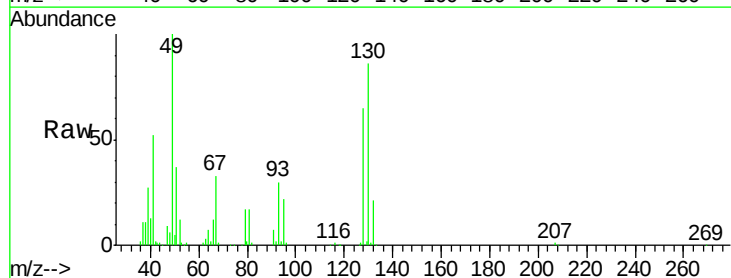
MMDadoda
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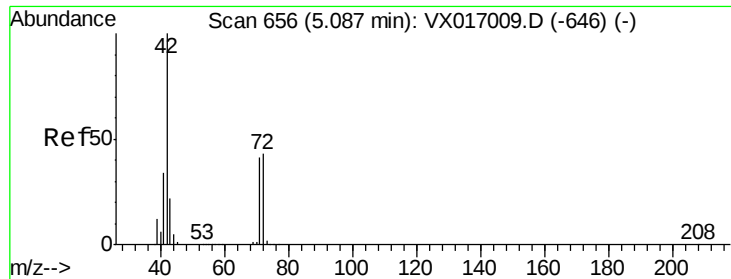


#28

Bromochloromethane
Concen: 45.706 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	86.0	66.6	100.0





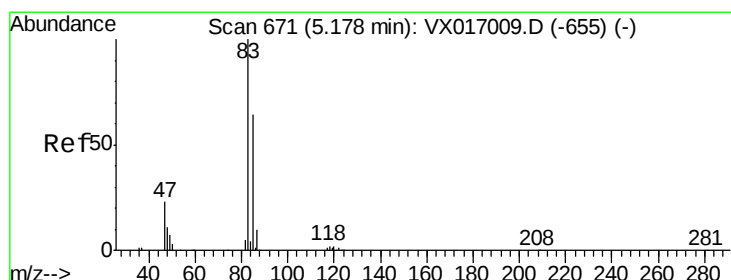
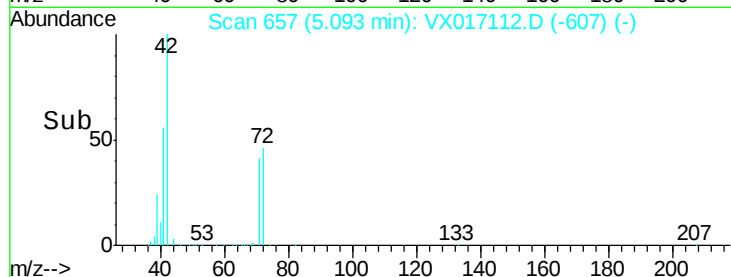
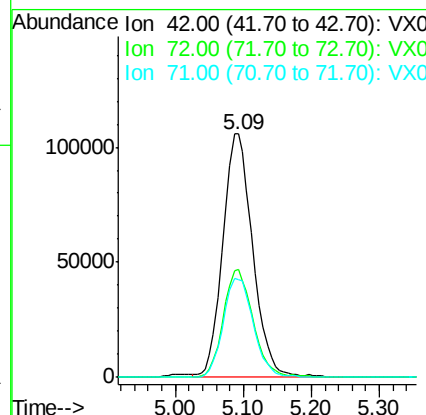
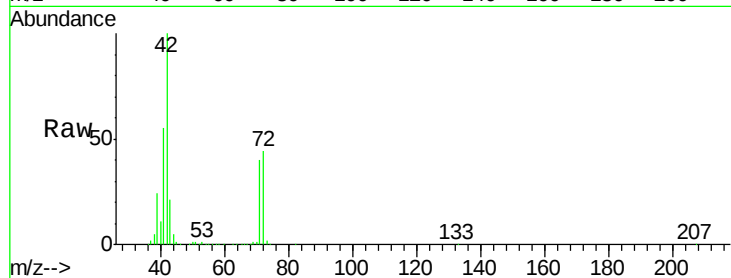
#29
Tetrahydrofuran
Concen: 246.416 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.3	52.9
71	41.4	33.1	49.7

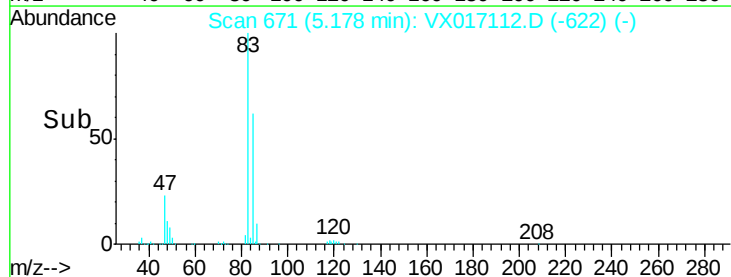
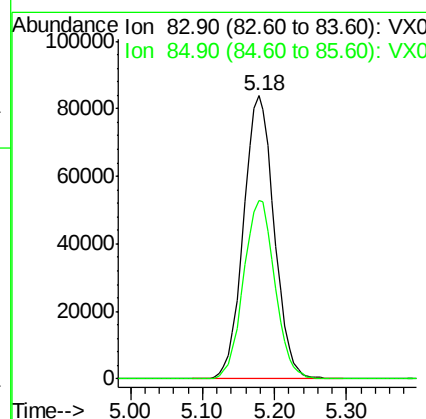
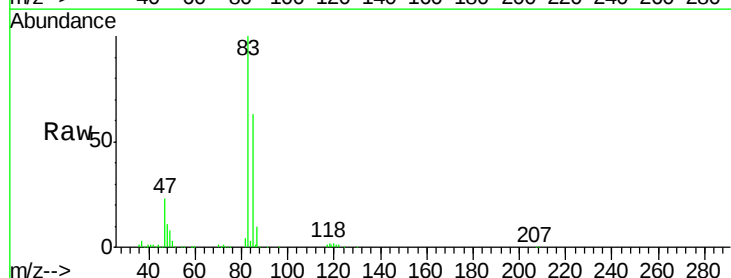
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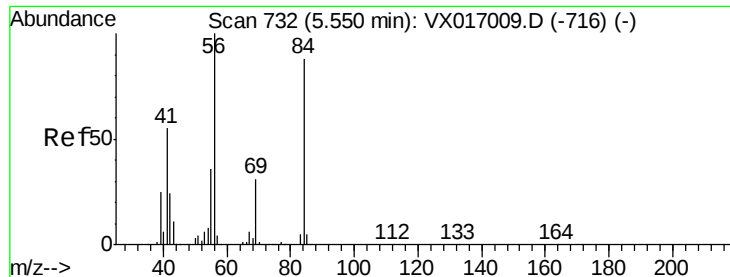
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#30
Chloroform
Concen: 49.009 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.2





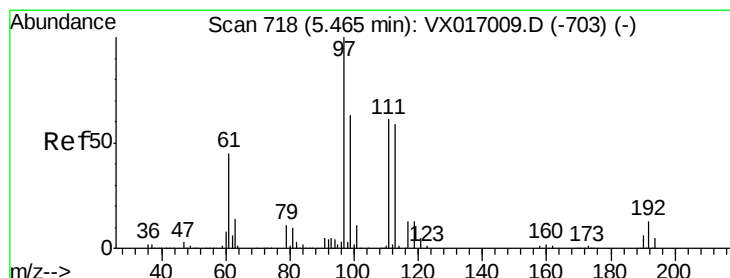
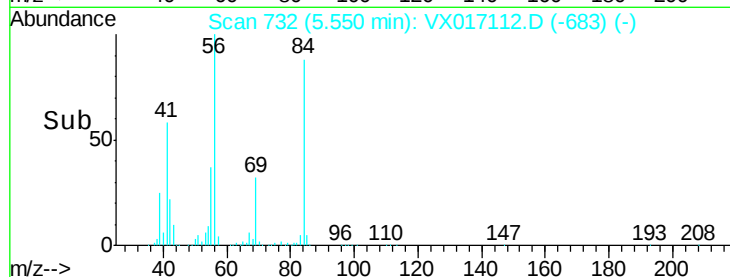
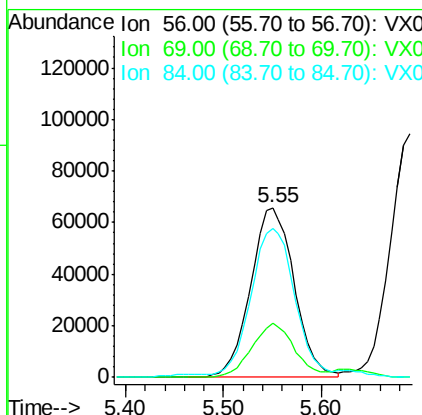
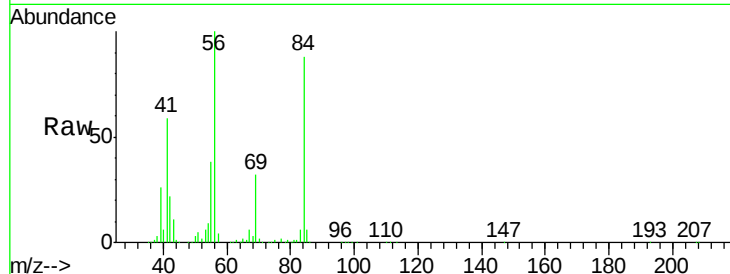
#31
Cyclohexane
Concen: 47.725 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.0	37.4
84	86.0	69.1	103.7

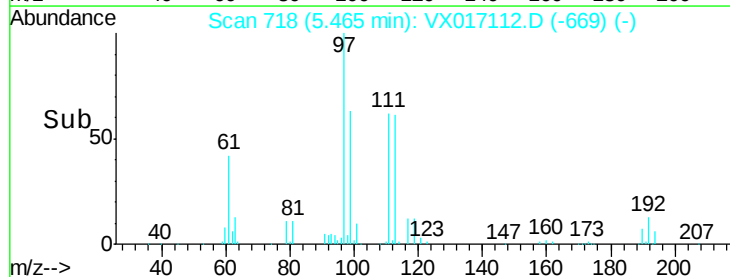
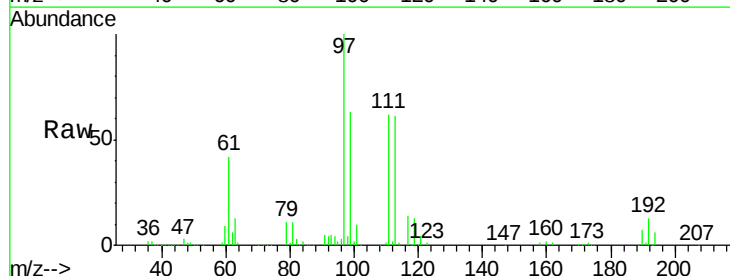
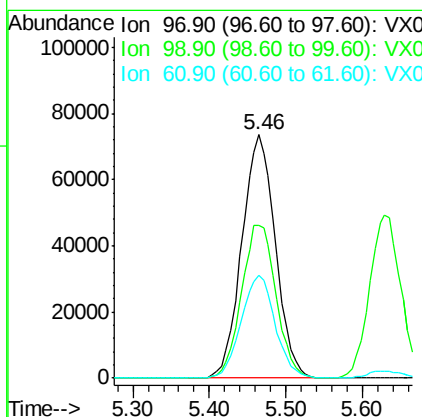
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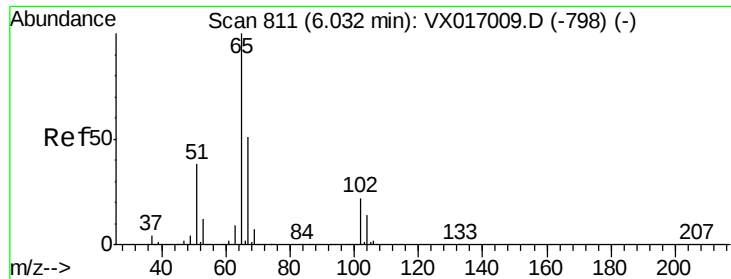
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#32
1,1,1-Trichloroethane
Concen: 48.019 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	42.9	33.7	50.5





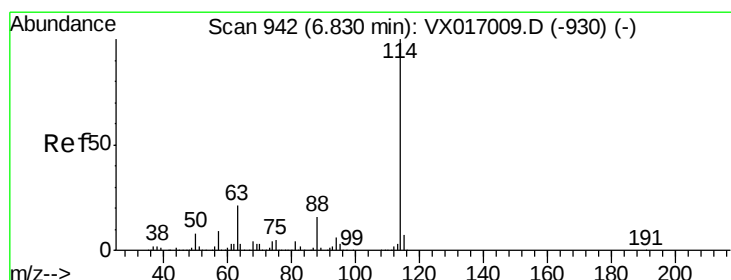
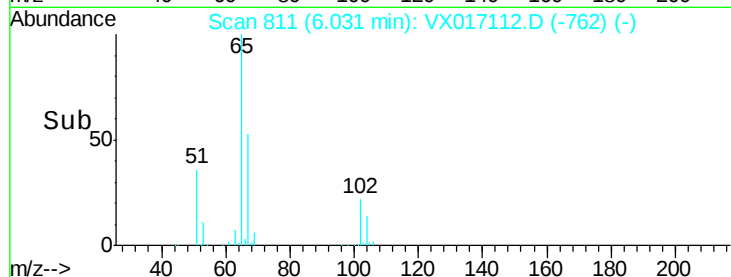
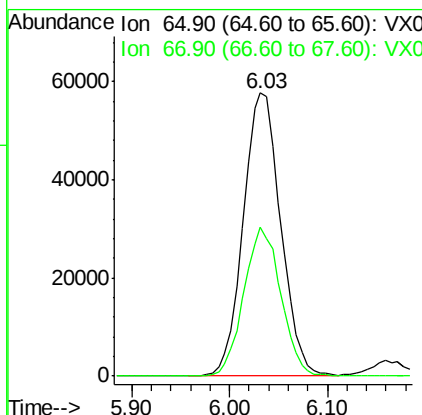
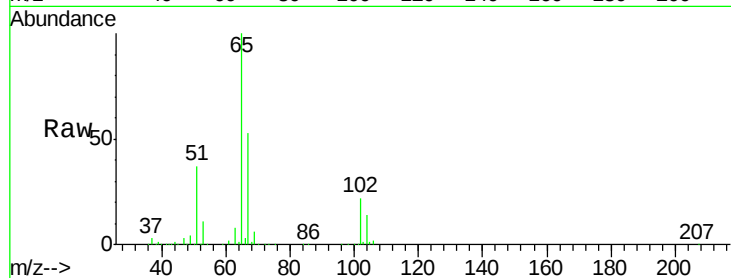
#33
 1,2-Dichloroethane-d4
 Concen: 48.512 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.8

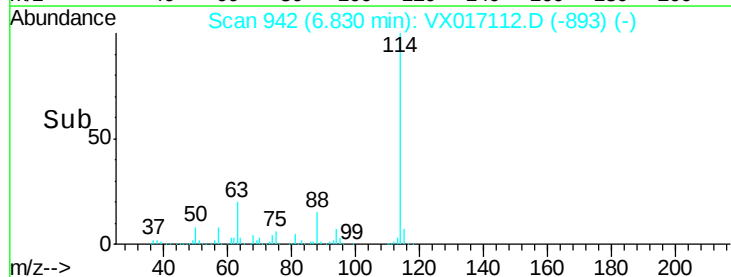
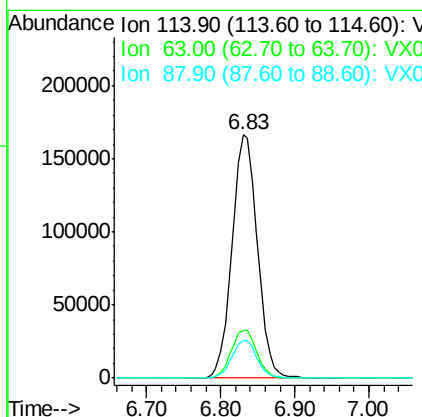
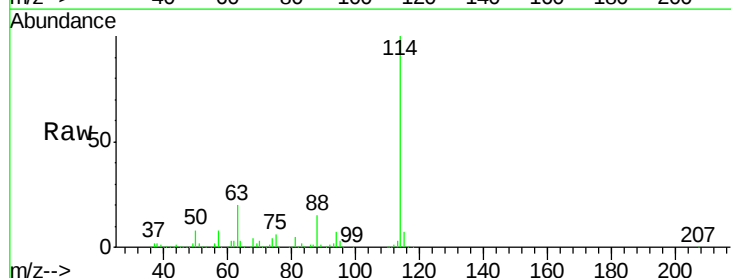
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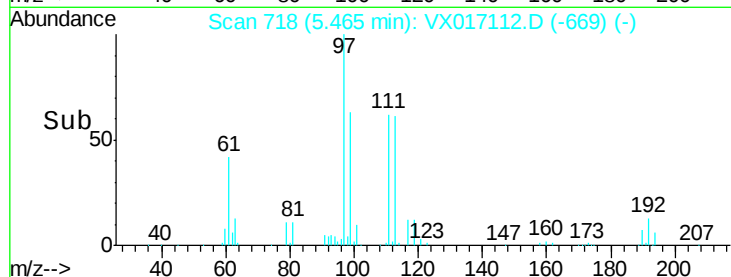
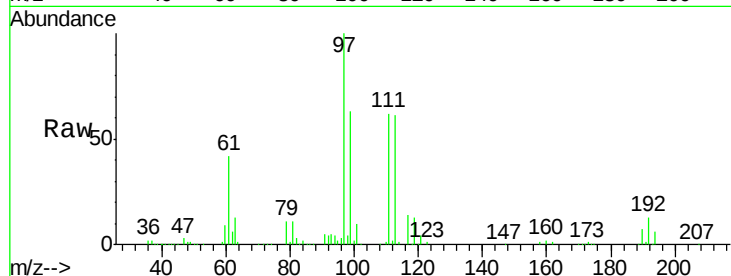
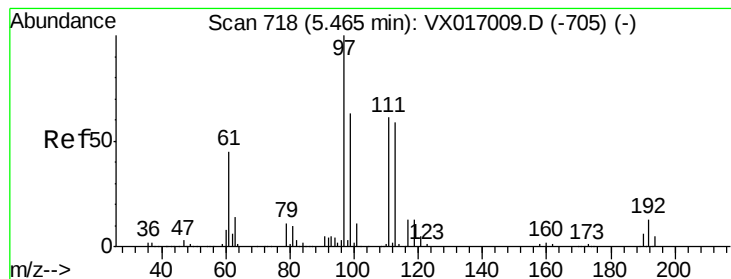
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.2	0.0	32.4





#35

Dibromofluoromethane

Concen: 50.620 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017112.D

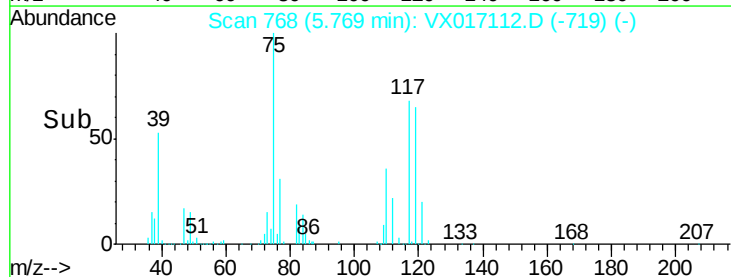
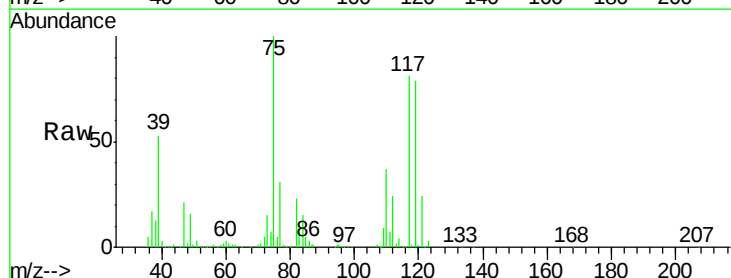
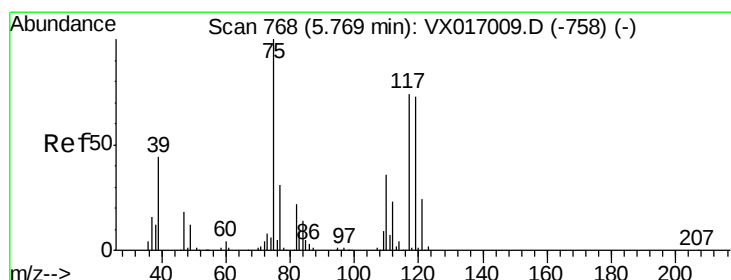
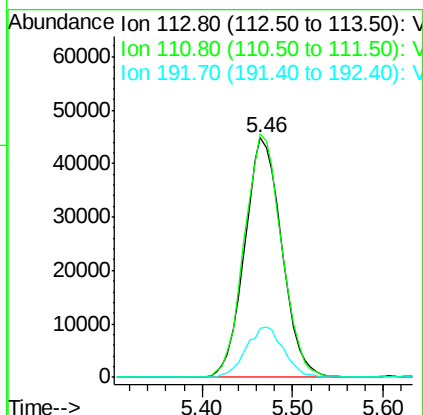
Acq: 01 Jul 2020 20:34

Tot Ion:	113	Resp:	126867
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	21.4	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 48.378 ug/l

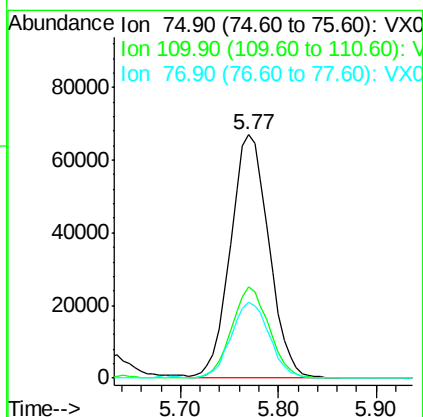
RT: 5.77 min Scan# 768

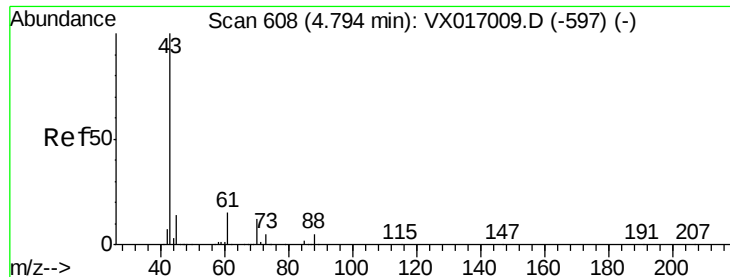
Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion:	75	Resp:	181156
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	31.6	24.6	37.0





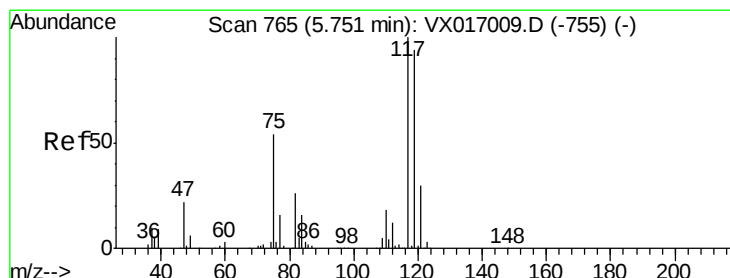
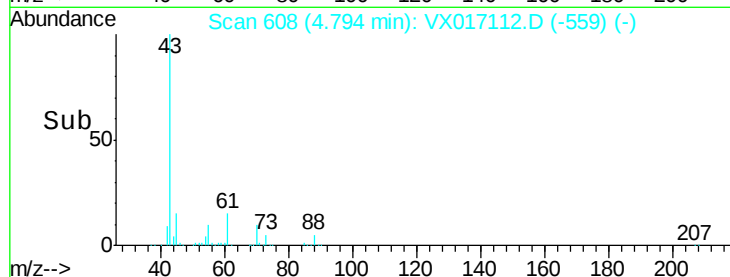
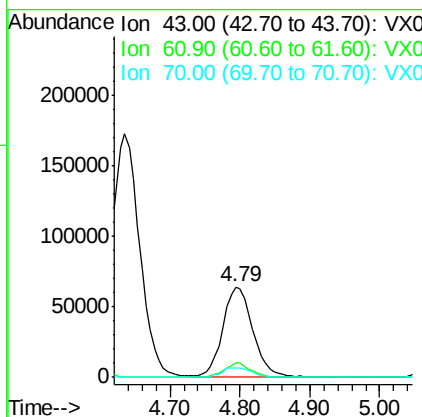
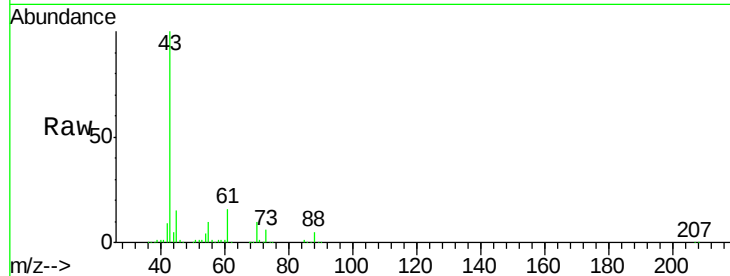
#37
Ethyl Acetate
Concen: 50.060 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	190195
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.0	16.4
70	11.2	8.9	13.3

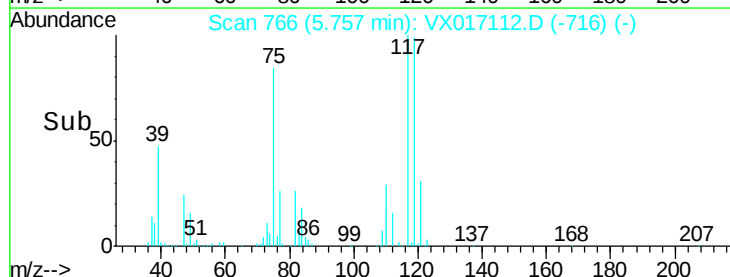
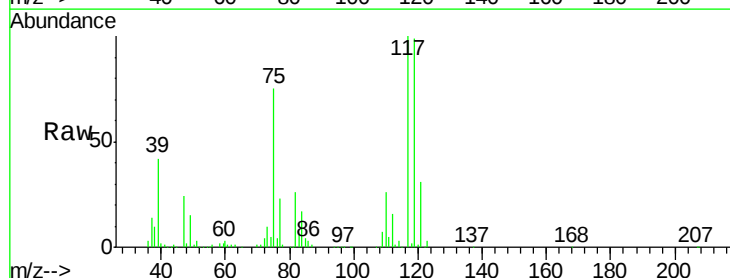
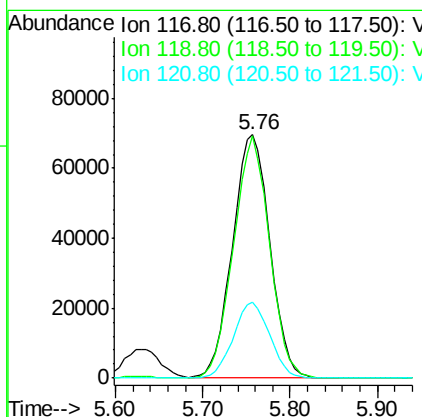
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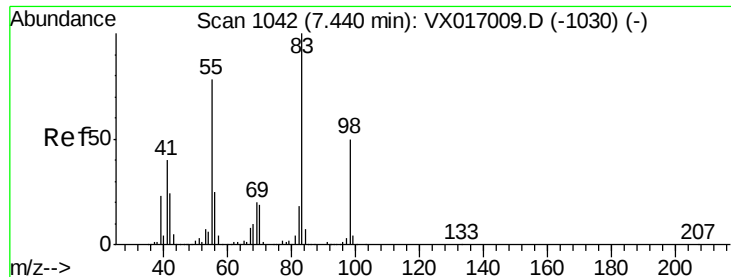
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#38
Carbon Tetrachloride
Concen: 50.158 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	117	Resp	206873
Ion Ratio	Lower	Upper	
117	100		
119	99.4	75.4	113.0
121	31.4	23.8	35.6





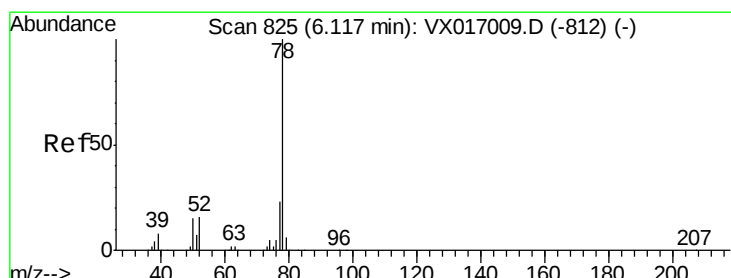
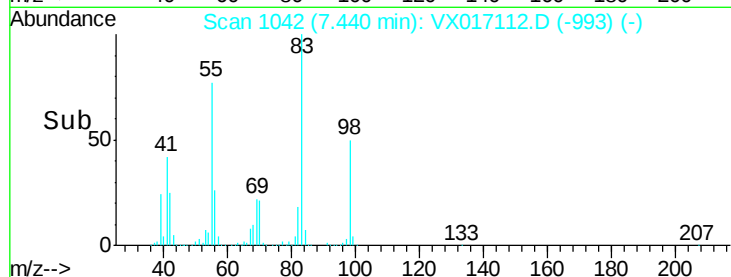
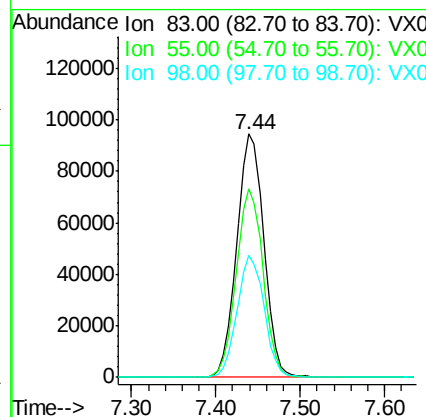
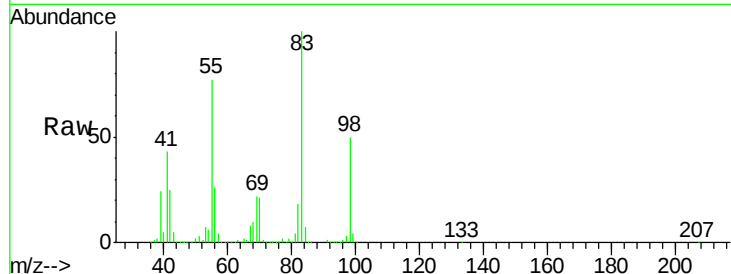
#39
Methylvlcyclohexane
Concen: 49.226 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	62.5	93.7
98	49.9	40.1	60.1

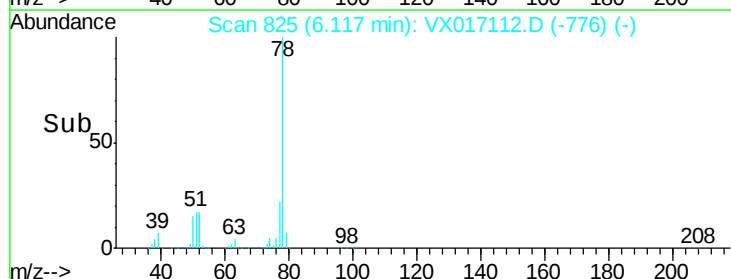
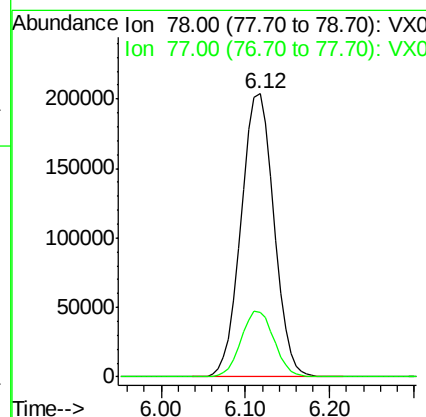
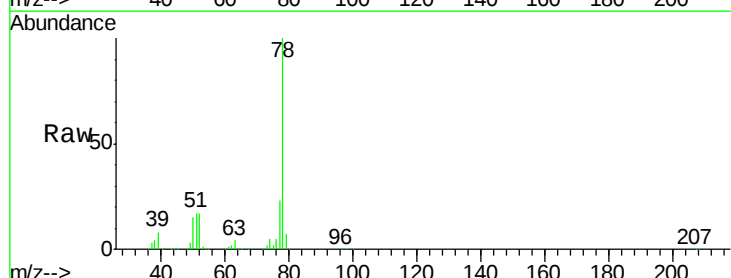
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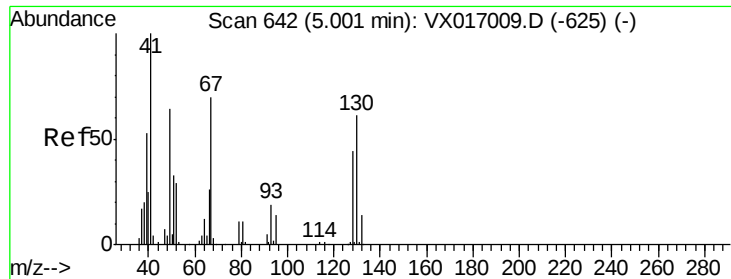
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#40
Benzene
Concen: 48.809 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.3	27.5





#41

Methacrylonitrile

Concen: 51.169 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

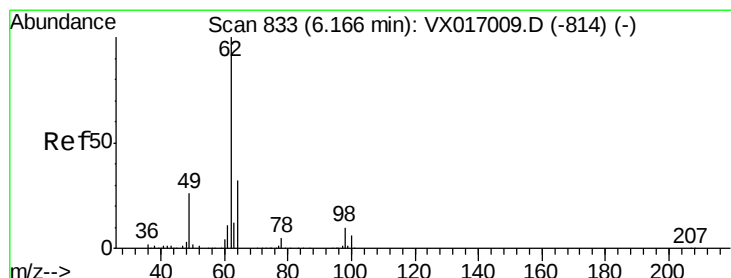
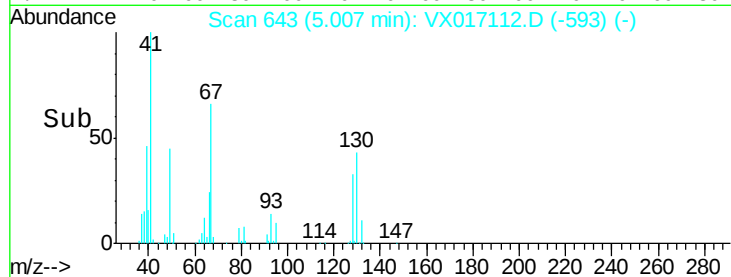
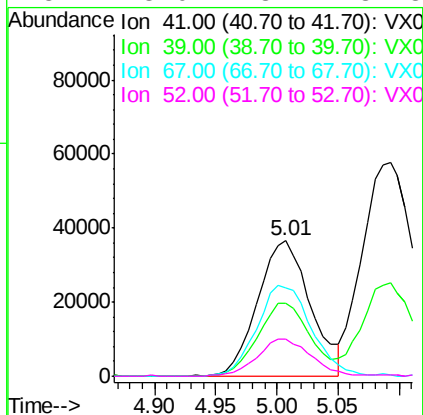
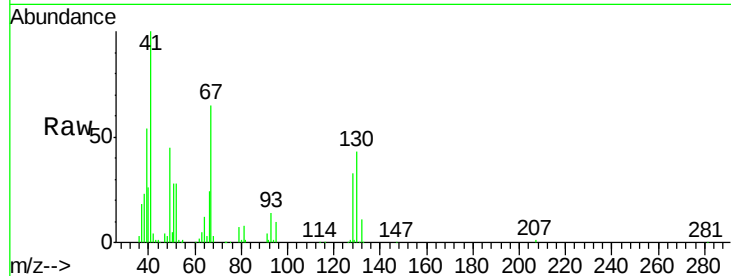
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	44.4	66.6	
67	69.7	57.1	85.7	
52	28.0	23.2	34.8	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.524 ug/l

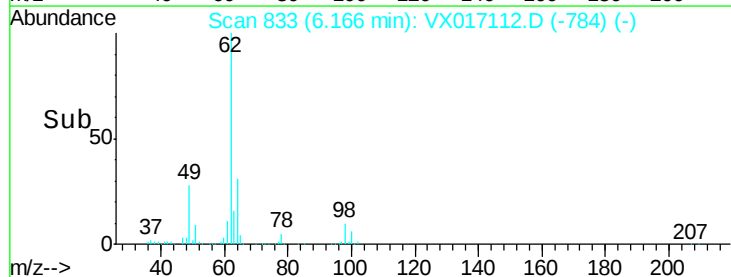
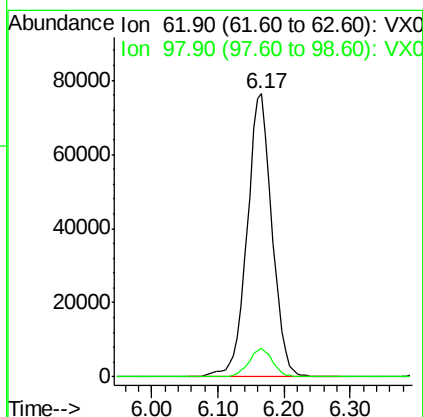
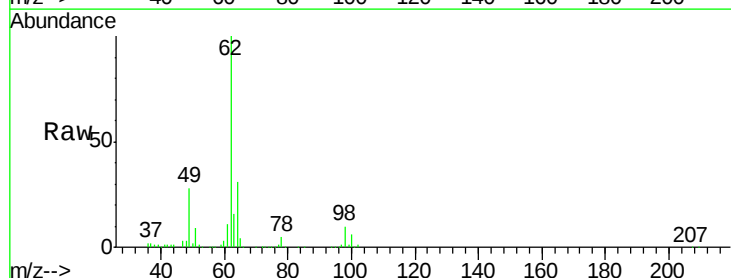
RT: 6.17 min Scan# 833

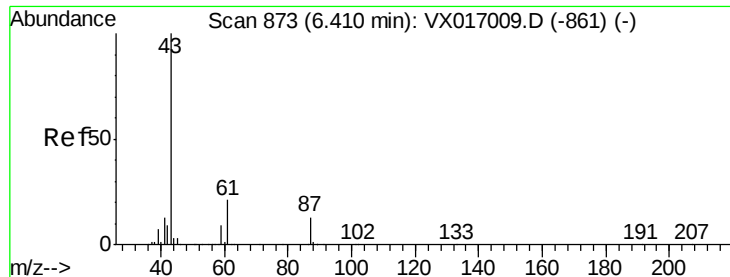
Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.2	





#43

Isopropyl Acetate

Concen: 49.350 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

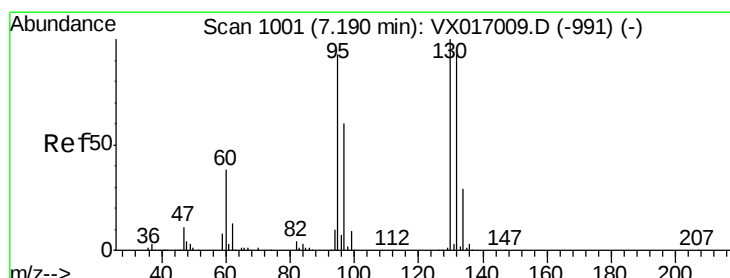
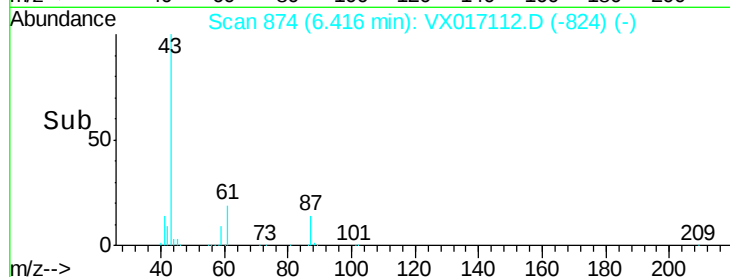
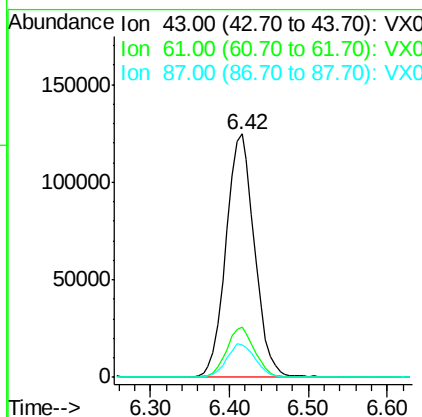
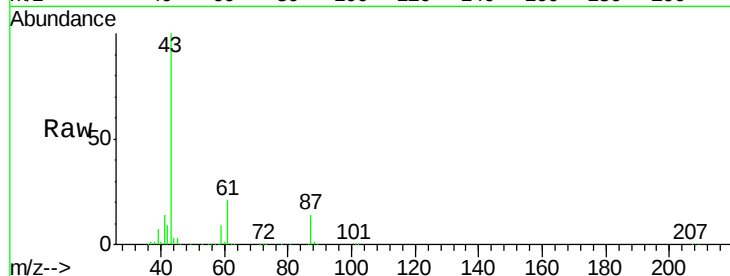
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	311568
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	13.9	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 51.277 ug/l

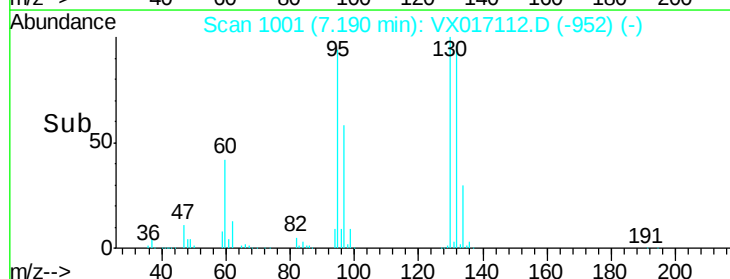
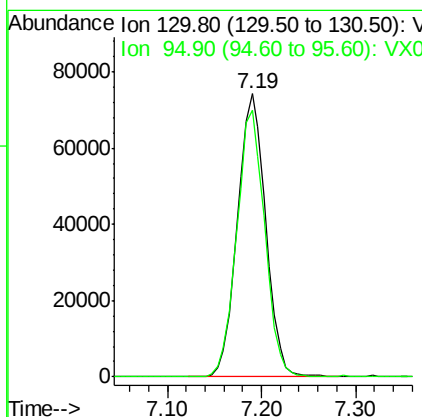
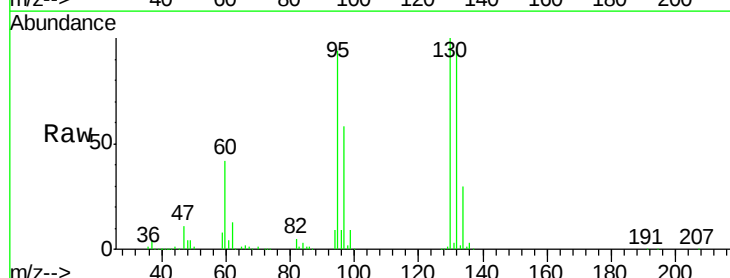
RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion:	130	Resp:	155658
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	185.0





#45

1,2-Dichloropropane

Concen: 49.768 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 140638

Ion Ratio Lower Upper

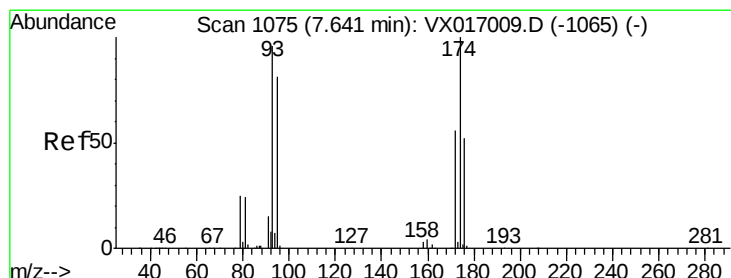
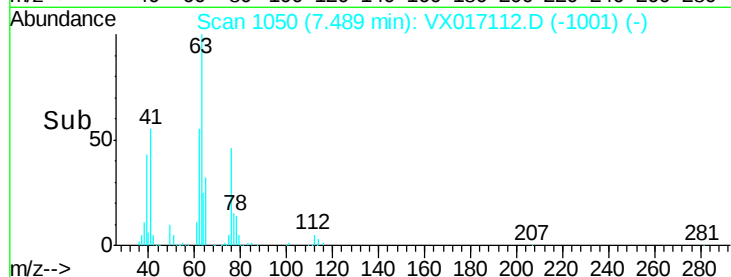
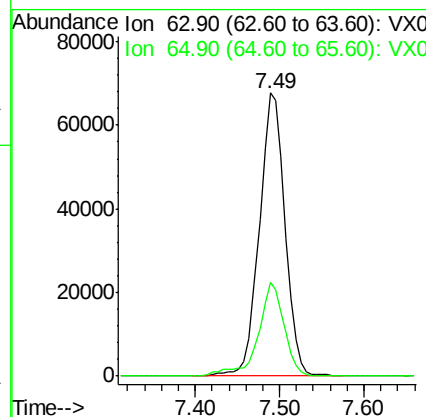
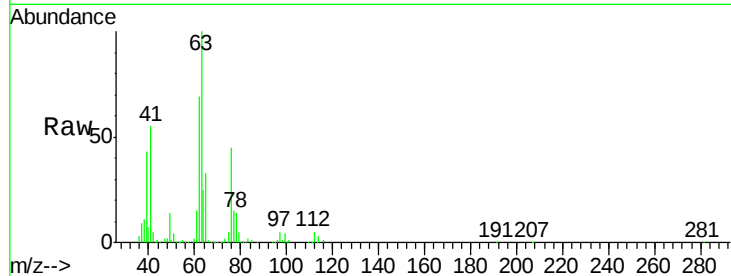
63 100

65 33.2 24.6 36.8

Manual Integrations
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MMDadoda

7/2/2020 9:16:06 AM



#46

Dibromomethane

Concen: 50.209 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

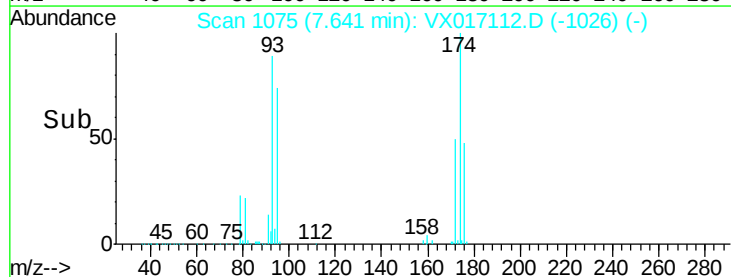
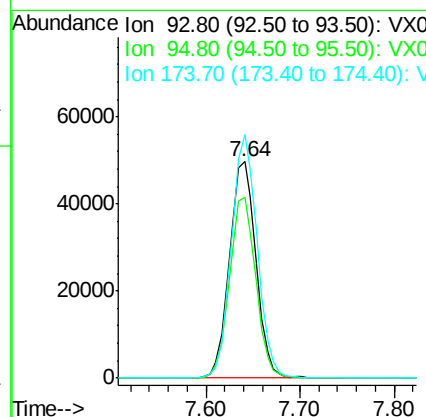
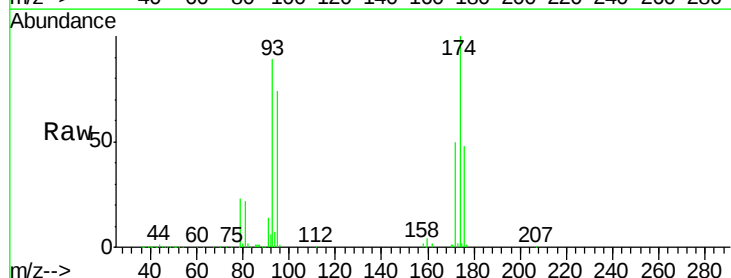
Tgt Ion: 93 Resp: 96867

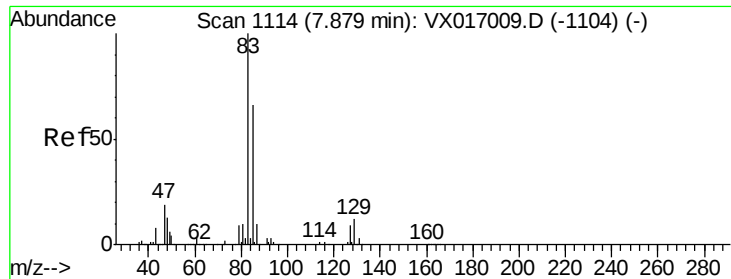
Ion Ratio Lower Upper

93 100

95 82.9 67.4 101.0

174 109.9 84.3 126.5





#47

Bromodichloromethane

Concen: 50.505 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

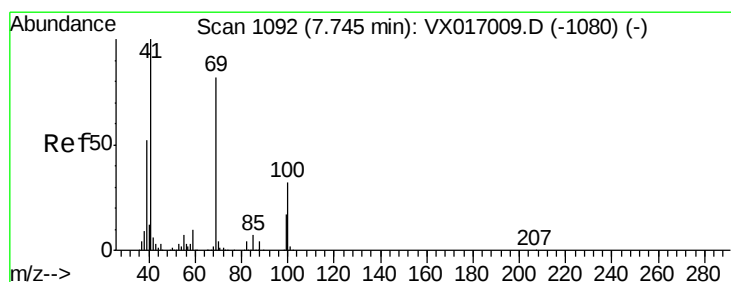
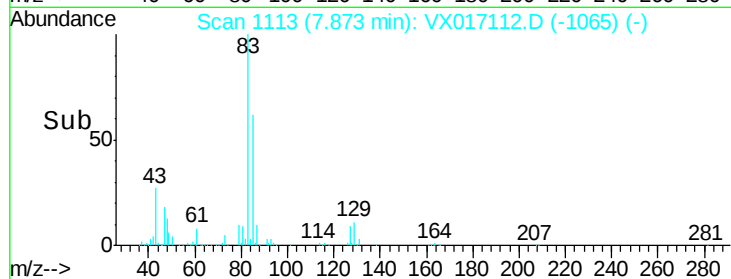
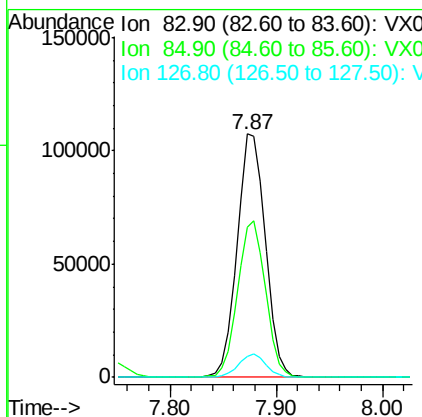
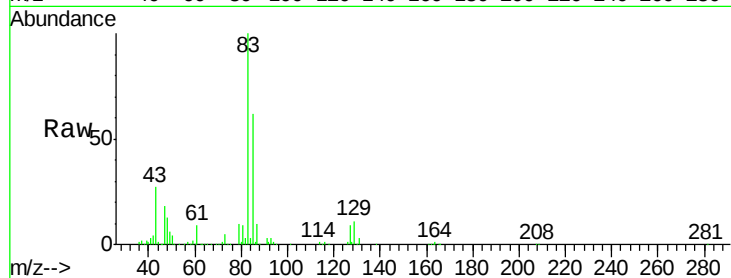
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	200803
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.0	79.4
127	8.7	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.048 ug/l

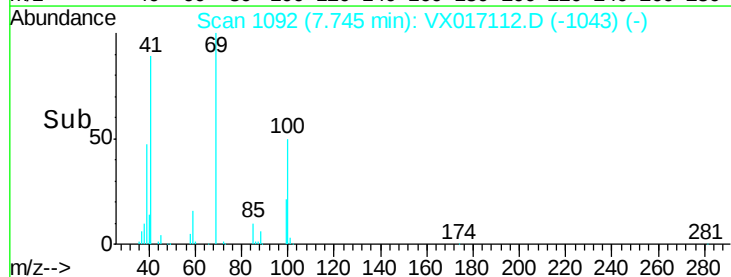
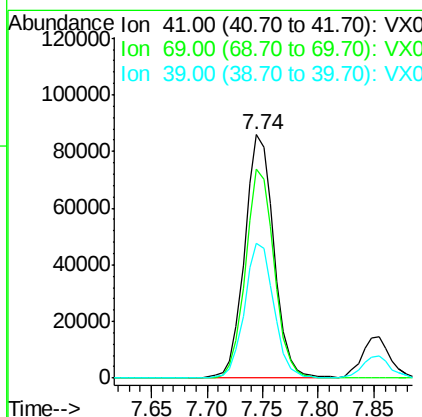
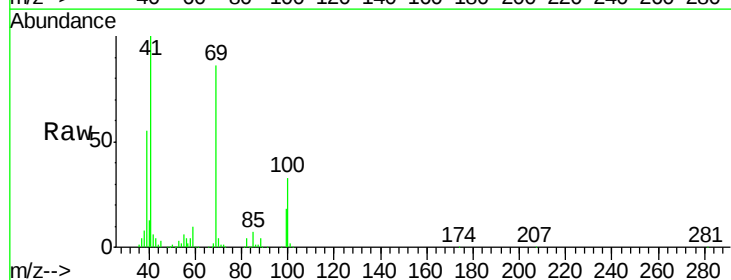
RT: 7.74 min Scan# 1092

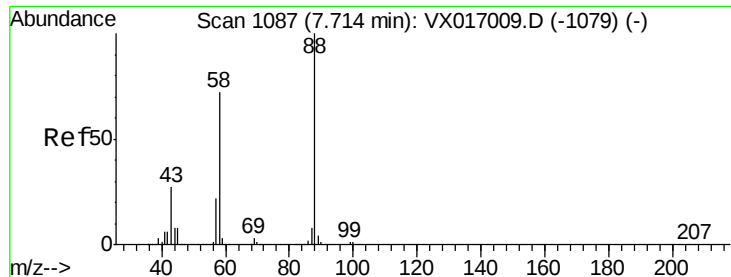
Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion:	41	Resp:	156117
Ion	Ratio	Lower	Upper
41	100		
69	84.5	65.8	98.8
39	55.7	42.5	63.7





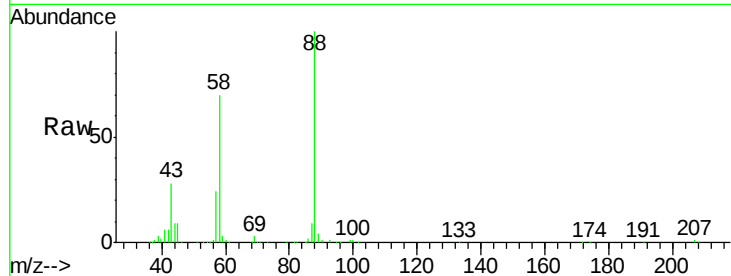
#49
1,4-Dioxane
Concen: 963.269 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.8	38.8
58	68.8	54.8	82.2

Manual Integrations
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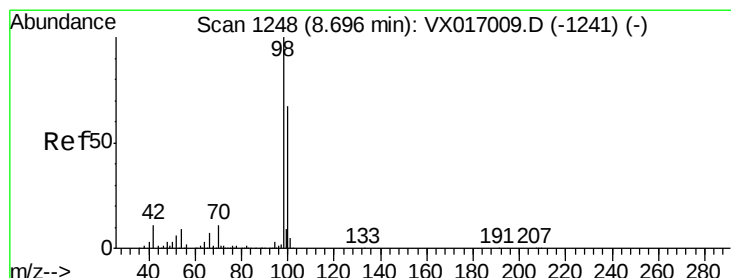
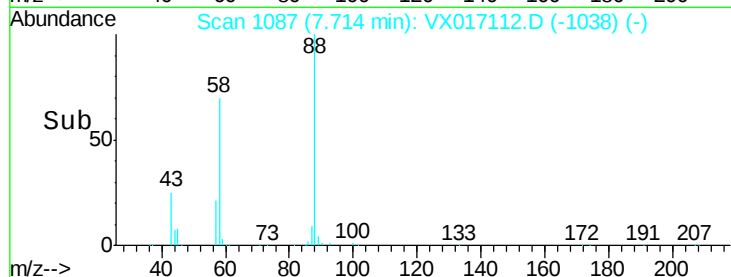
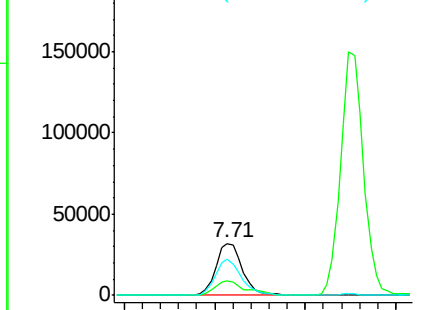


Abundance

Ion 88.00 (87.70 to 88.70): VX0

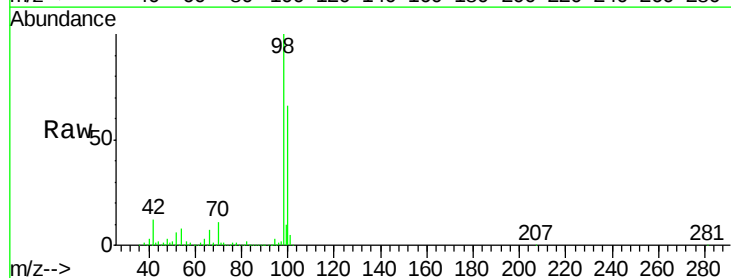
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.954 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

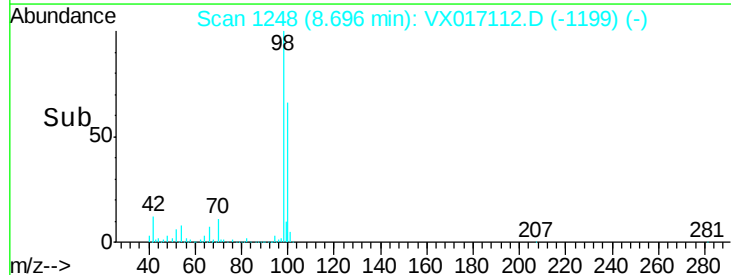
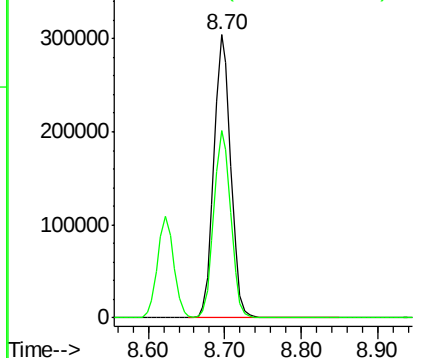
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6

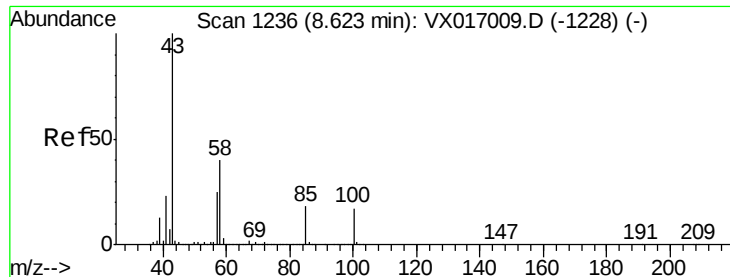


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





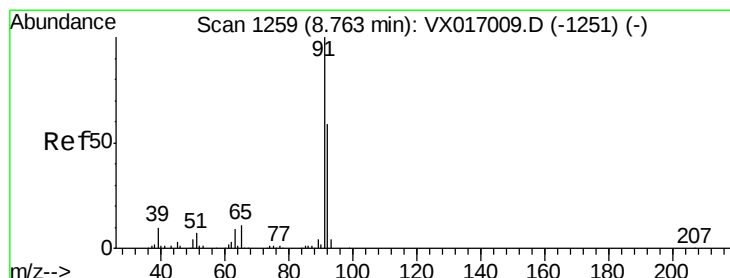
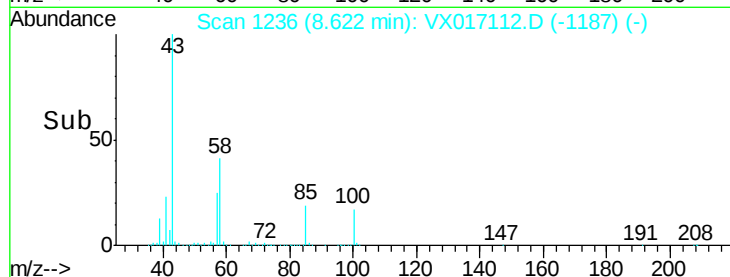
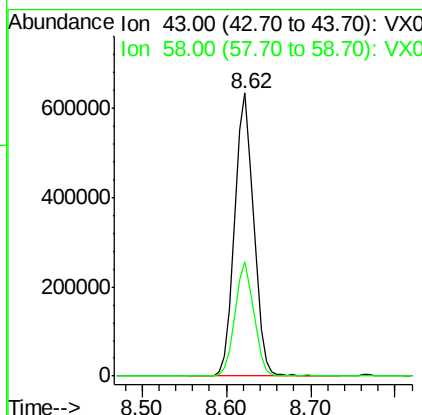
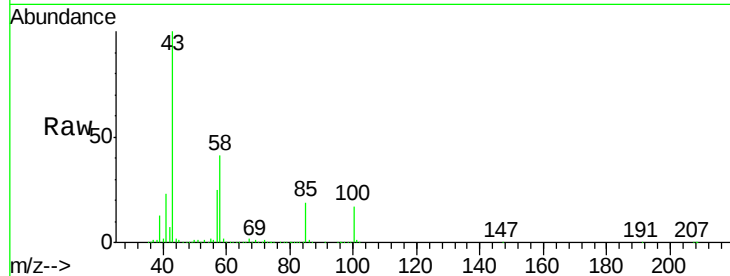
#51
4-Methyl-2-Pentanone
Concen: 258.019 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.9	47.9

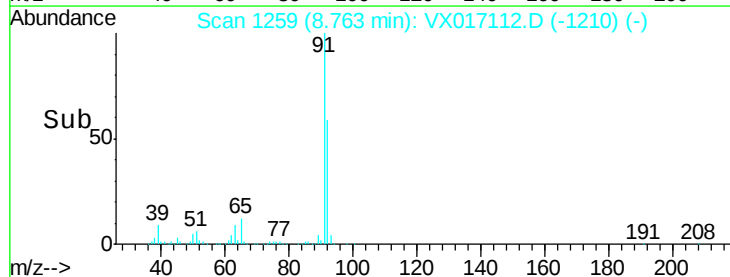
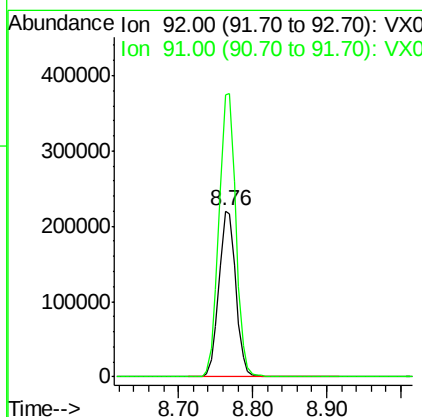
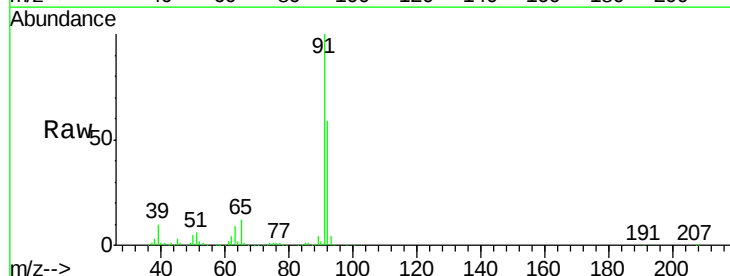
Manual Integrations
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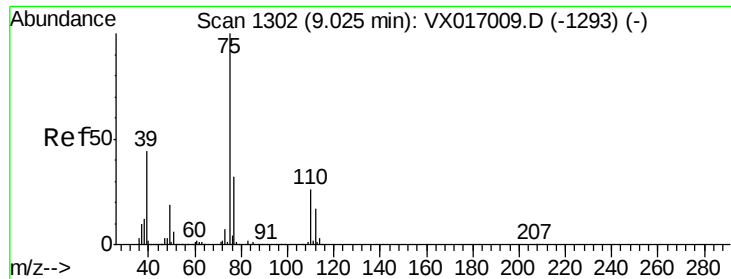
MMDadoda
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#52
Toluene
Concen: 50.090 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.9	205.3





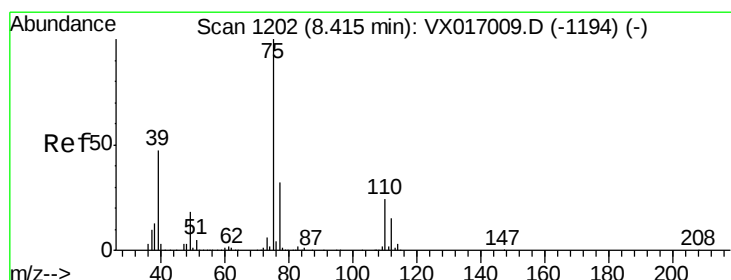
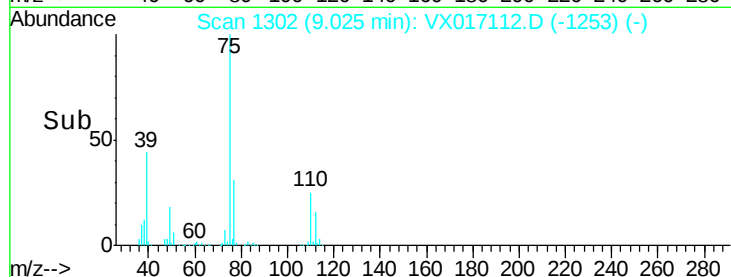
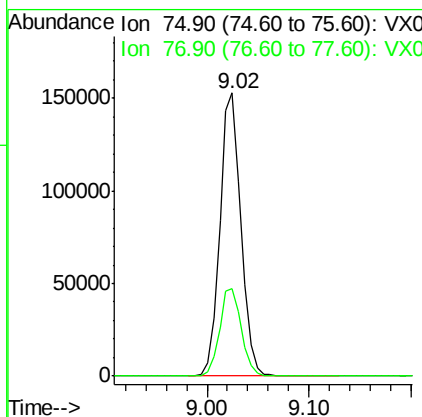
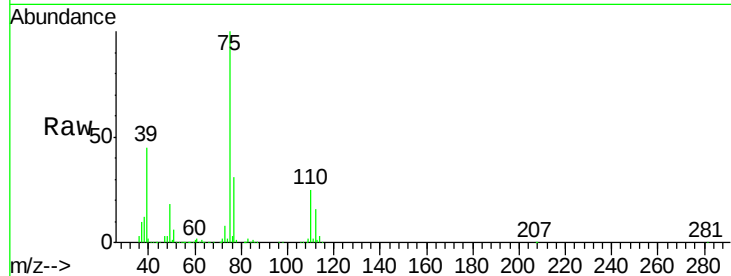
#53
t-1,3-Dichloropropene
Concen: 50.055 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4

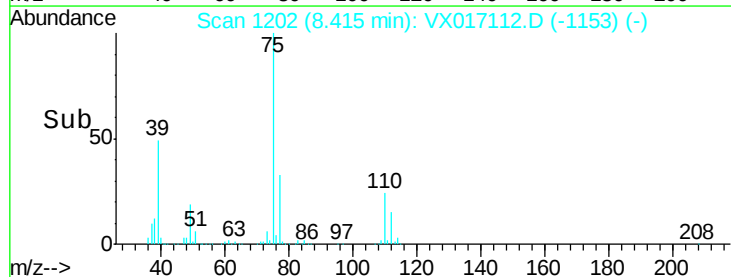
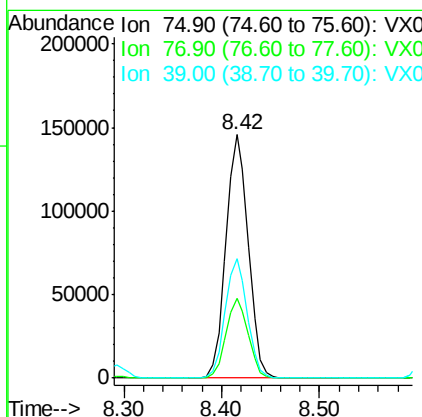
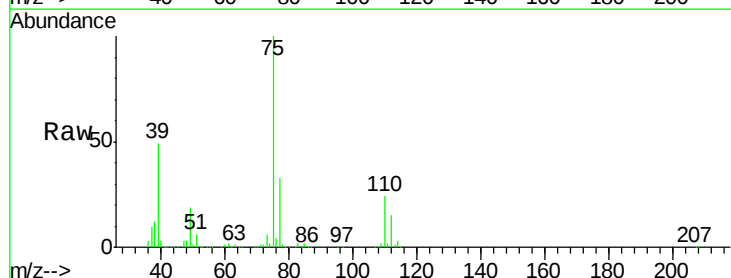
Manual Integrations
APPROVED

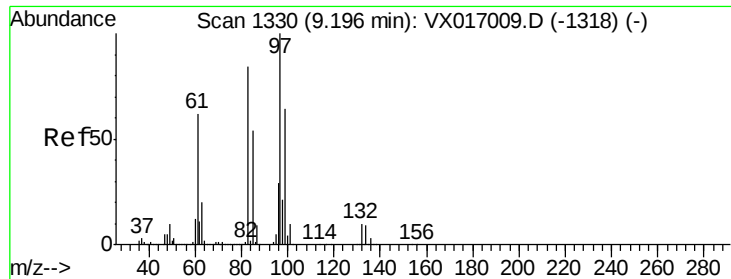
MMDadoda
7/2/2020 9:16:06 AM



#54
cis-1,3-Dichloropropene
Concen: 49.072 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.2	37.8
39	48.8	37.4	56.2





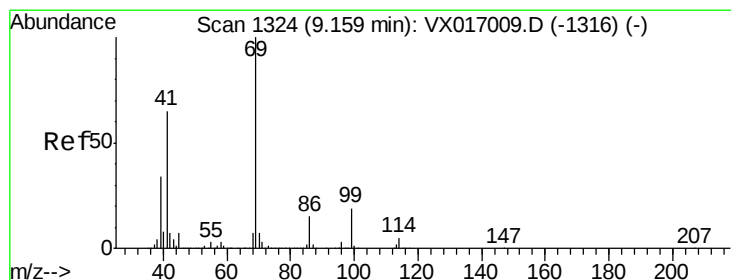
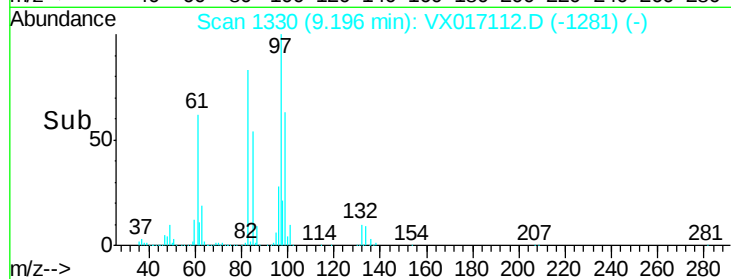
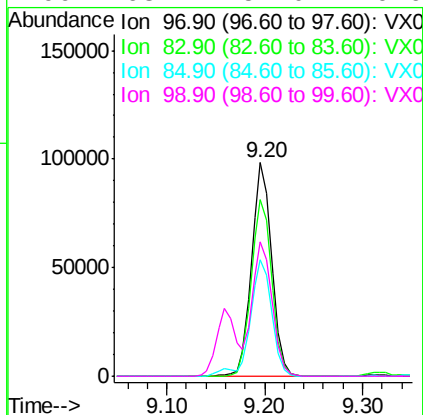
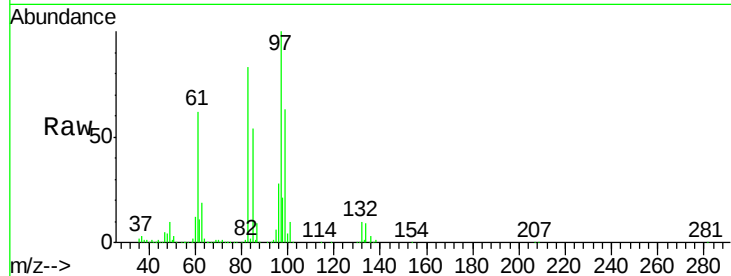
#55
 1,1,2-Trichloroethane
 Concen: 50.060 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	82.7		67.0	100.6	
85	54.3		43.5	65.3	
99	63.1		51.0	76.6	

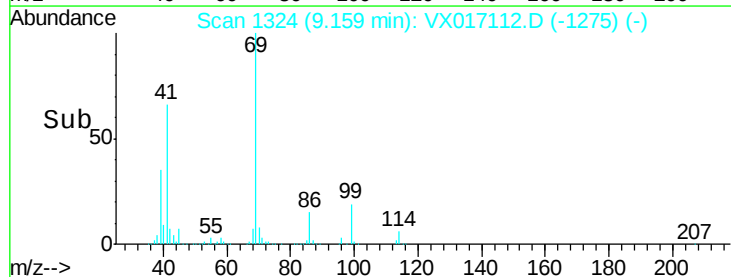
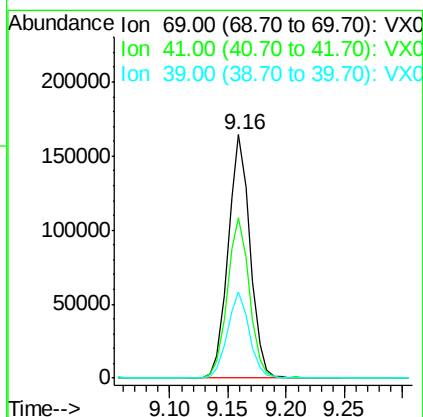
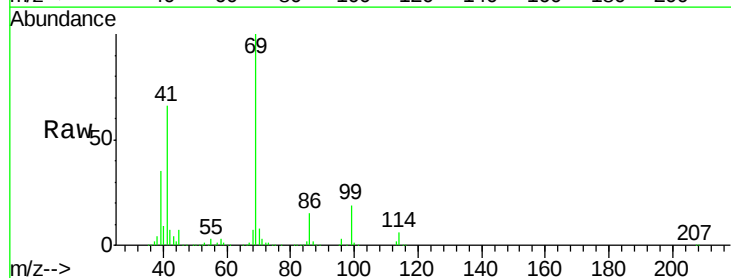
Manual Integrations
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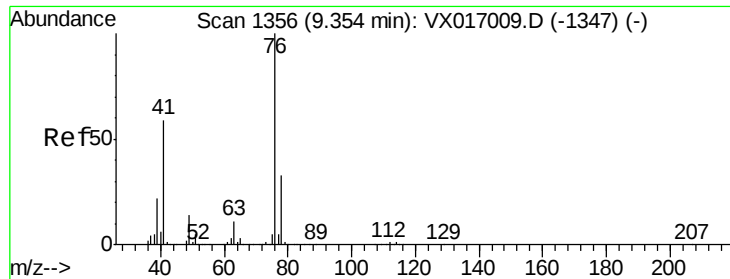
MMDadoda
 7/2/2020 9:16:06 AM



#56
 Ethyl methacrylate
 Concen: 53.817 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	66.0		53.6	80.4	
39	35.0		28.2	42.2	





#57

1,3-Dichloropropane

Concen: 50.012 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 237506

Ion Ratio Lower Upper

76 100

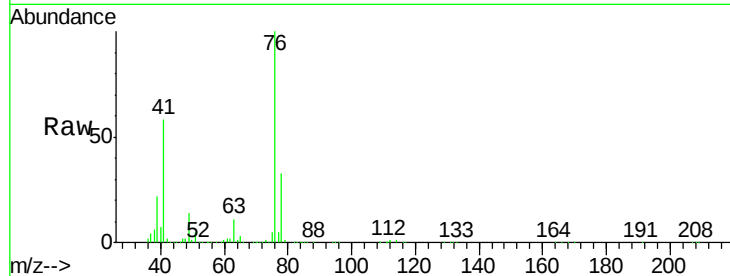
78 32.3 25.9 38.9

Manual Integrations

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MMDadoda

7/2/2020 9:16:06 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

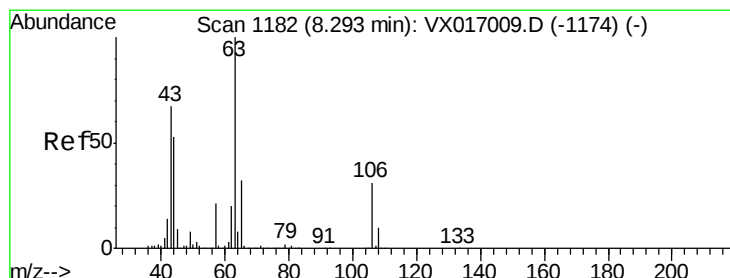
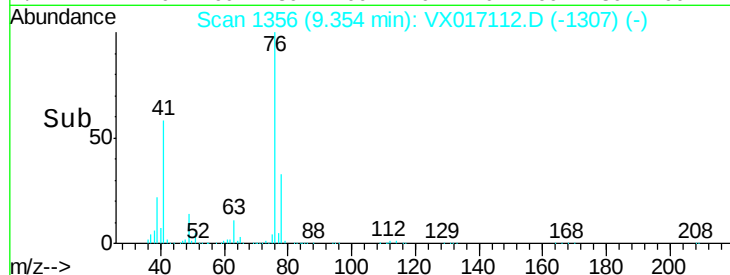
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 284.232 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017112.D

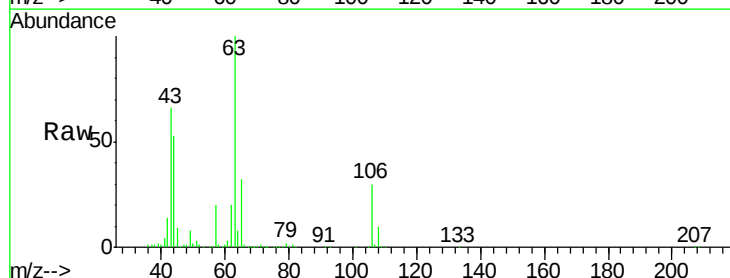
Acq: 01 Jul 2020 20:34

Tgt Ion: 63 Resp: 565085

Ion Ratio Lower Upper

63 100

106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

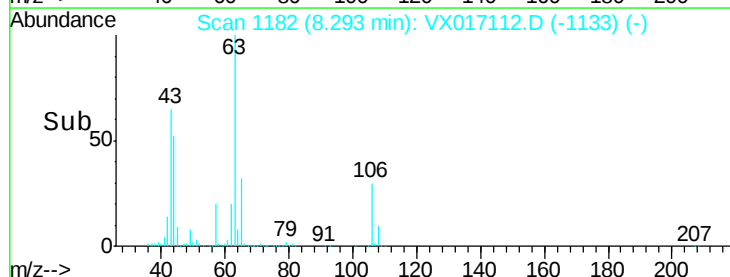
300000

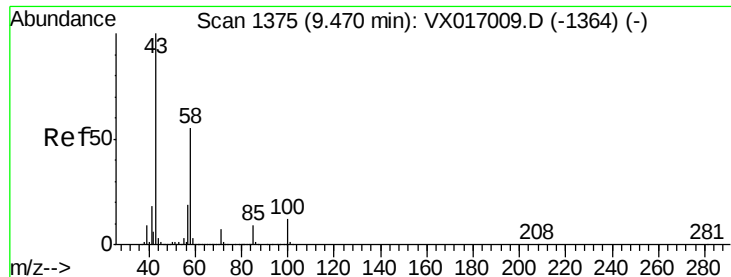
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40





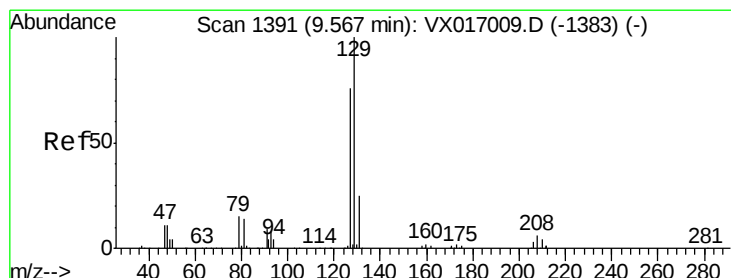
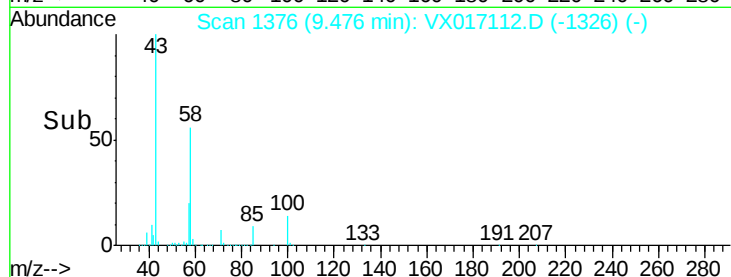
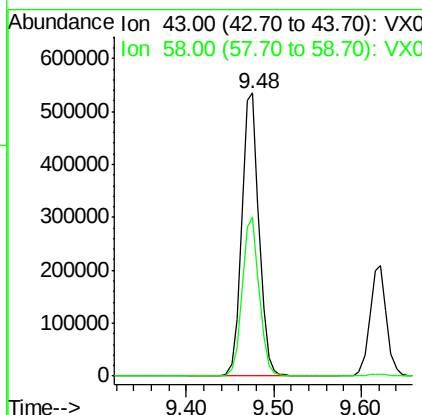
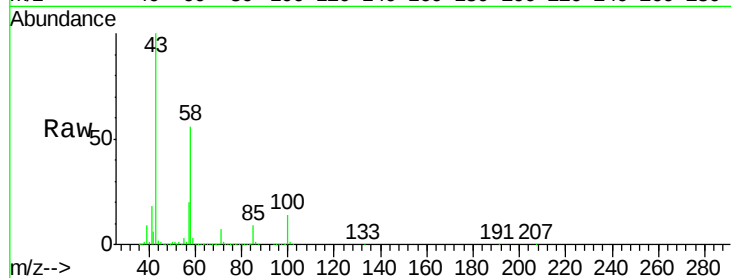
#59
2-Hexanone
Concen: 267.896 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 736324
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.6

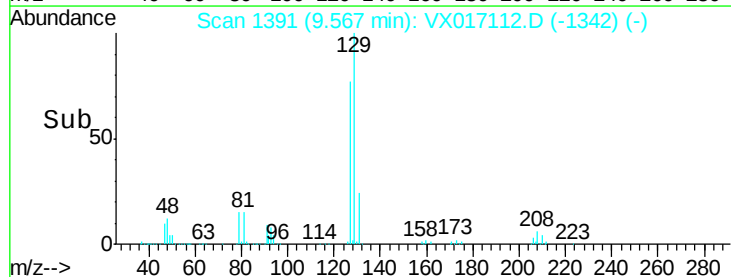
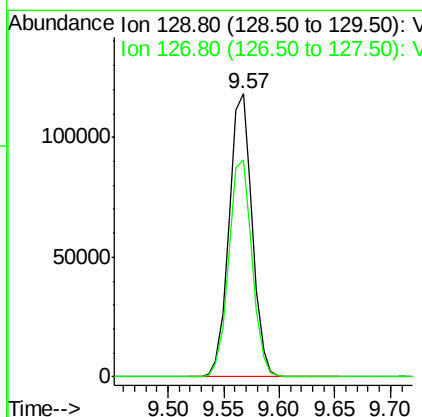
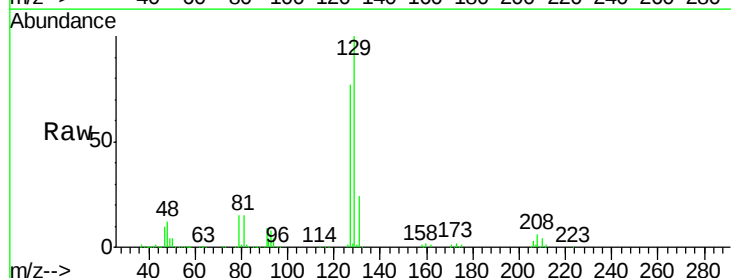
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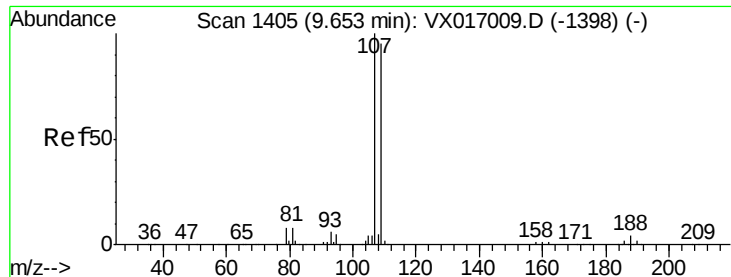
MMDadoda
7/2/2020 9:16:06 AM



#60
Dibromochloromethane
Concen: 51.870 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion:129 Resp: 169083
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.818 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 153307

Ion Ratio Lower Upper

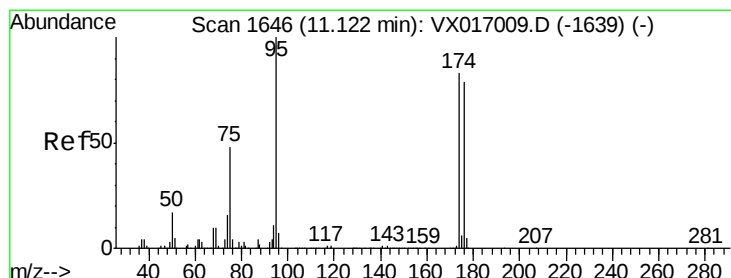
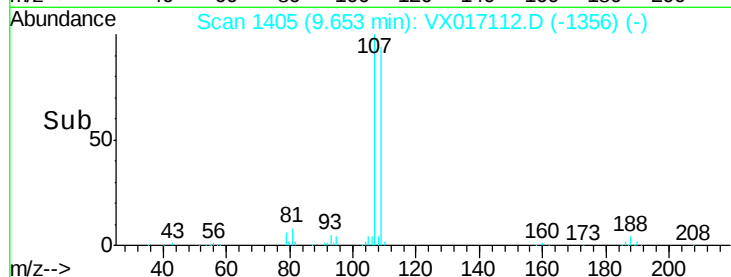
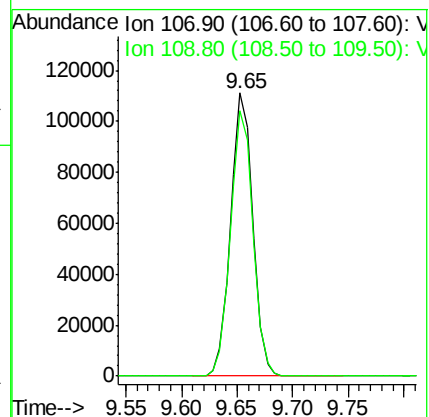
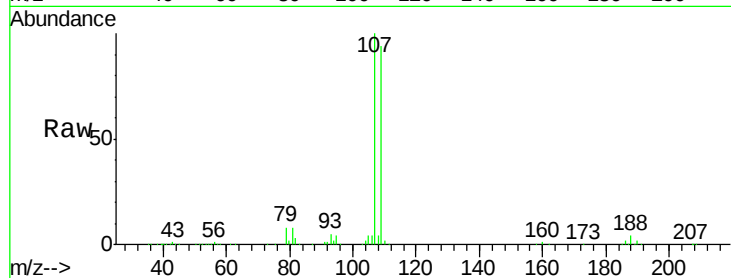
107 100

109 94.8 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 51.340 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

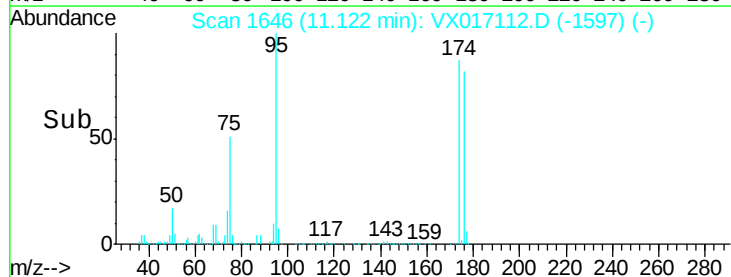
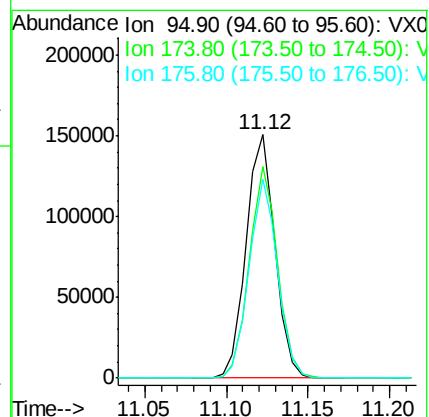
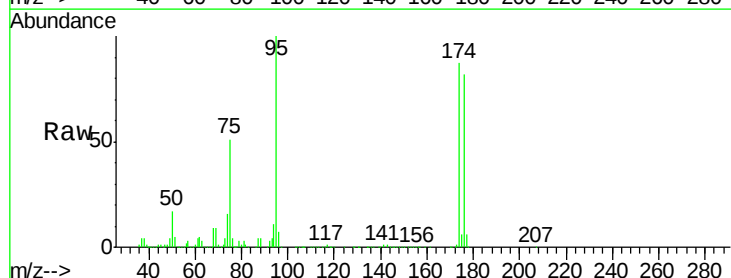
Tgt Ion: 95 Resp: 185996

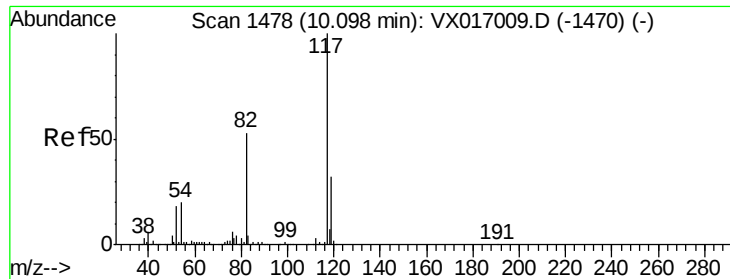
Ion Ratio Lower Upper

95 100

174 85.4 0.0 164.0

176 80.6 0.0 157.6





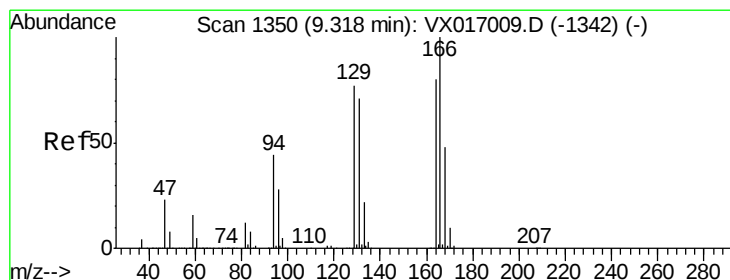
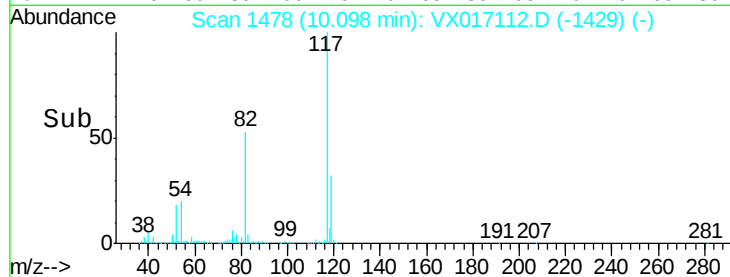
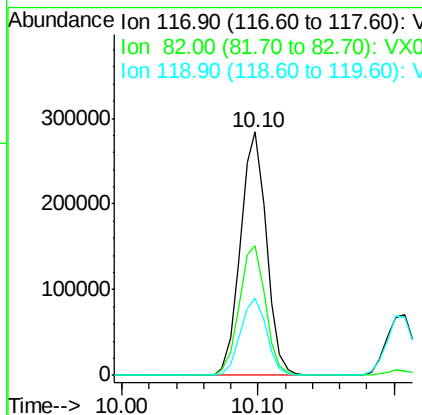
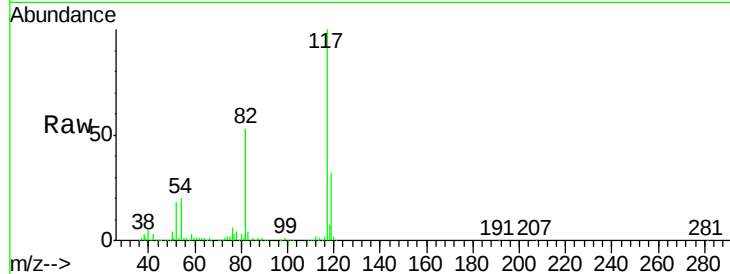
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	63.8
119	31.9	25.4	38.2

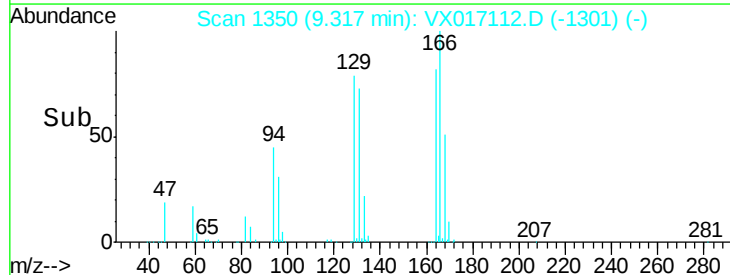
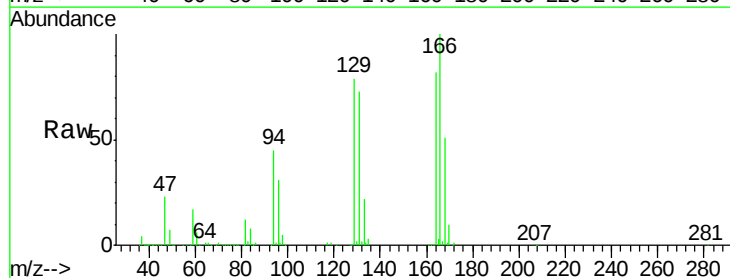
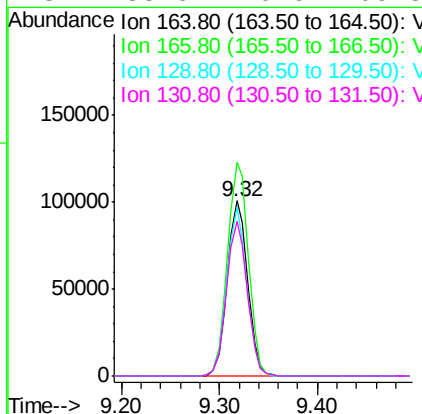
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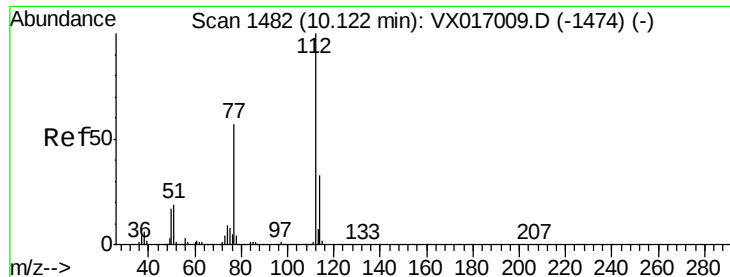
MMDadoda
7/2/2020 9:16:06 AM



#64
Tetrachloroethene
Concen: 47.807 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	99.4	149.0
129	96.8	76.3	114.5
131	88.6	70.6	105.8





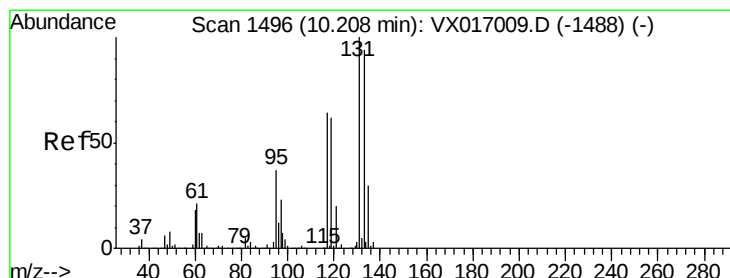
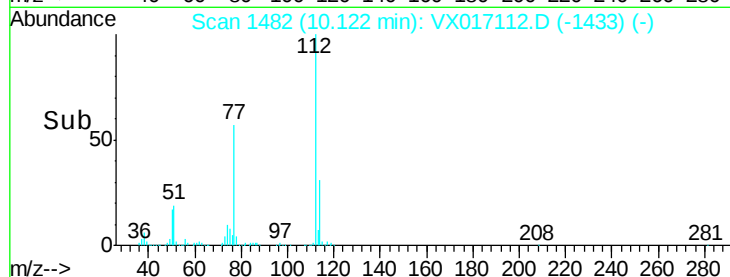
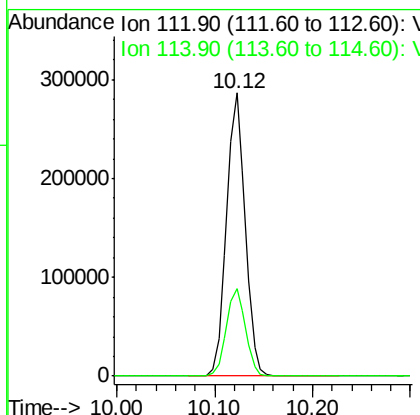
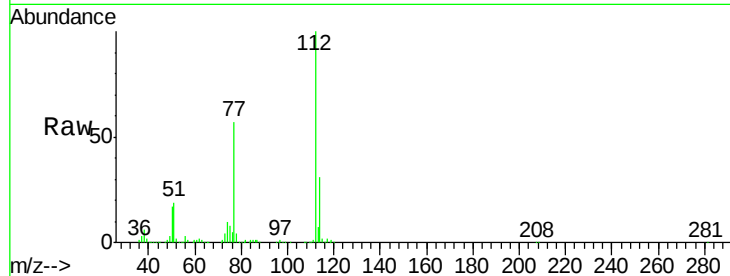
#65
Chlorobenzene
Concen: 48.781 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.2	39.4

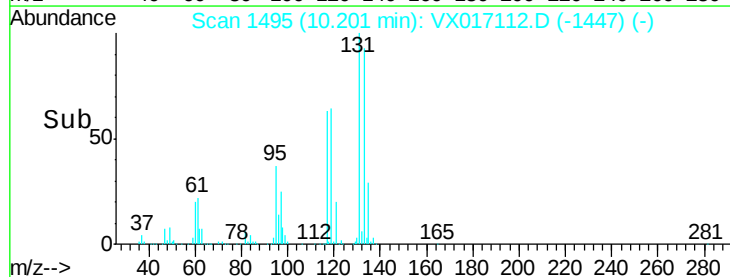
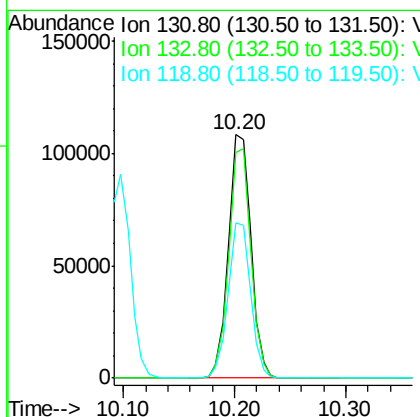
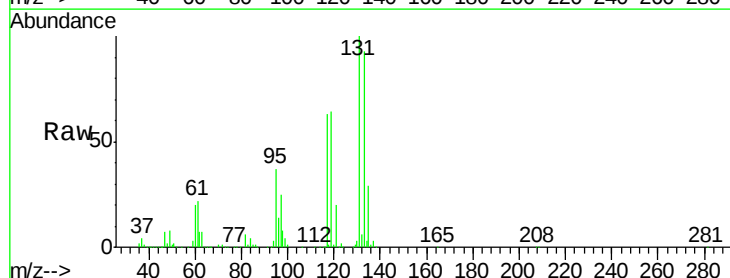
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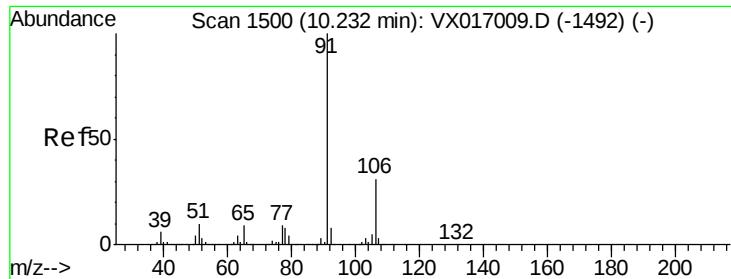
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.749 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.4	47.3	141.9
119	63.4	31.9	95.5





#67

Ethyl Benzene

Concen: 51.014 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 663548

Ion Ratio Lower Upper

91 100

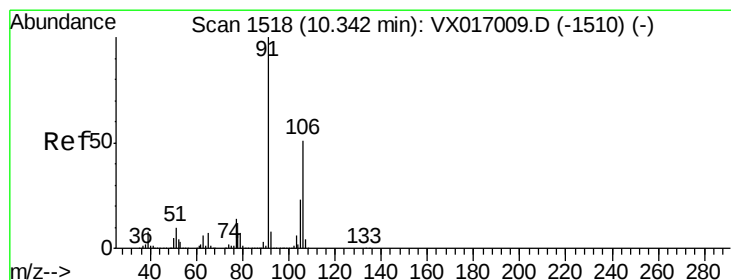
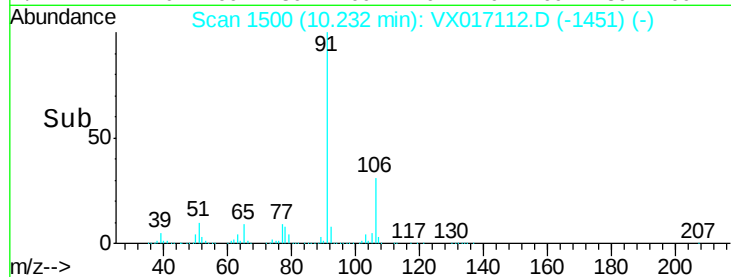
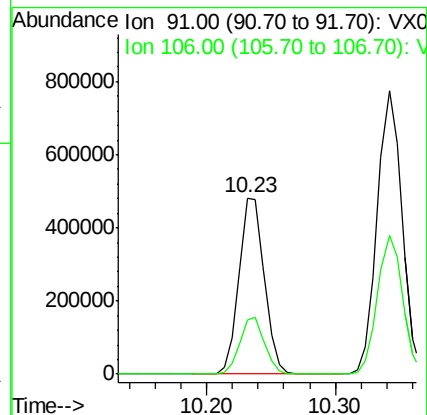
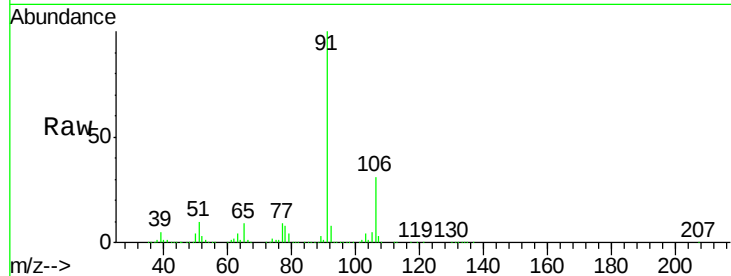
106 30.8 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.749 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017112.D

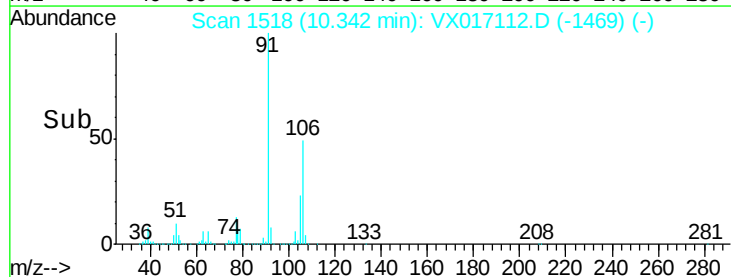
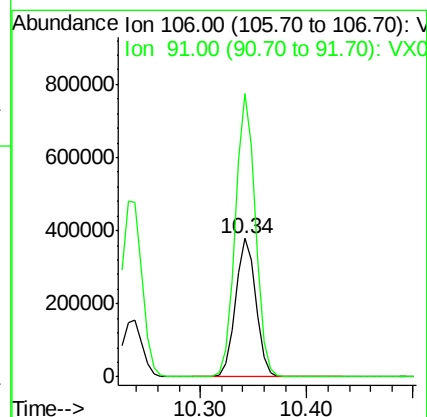
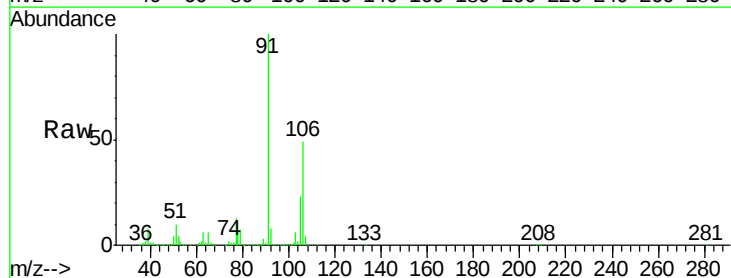
Acq: 01 Jul 2020 20:34

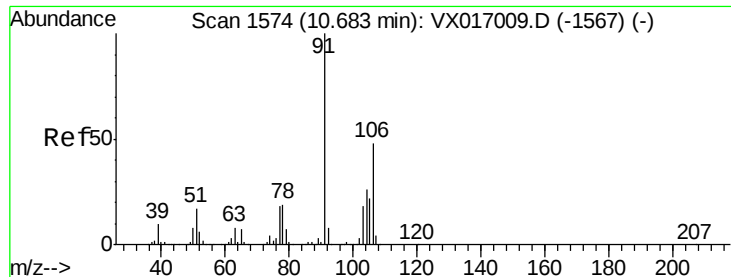
Tgt Ion: 106 Resp: 508165

Ion Ratio Lower Upper

106 100

91 201.6 158.6 238.0





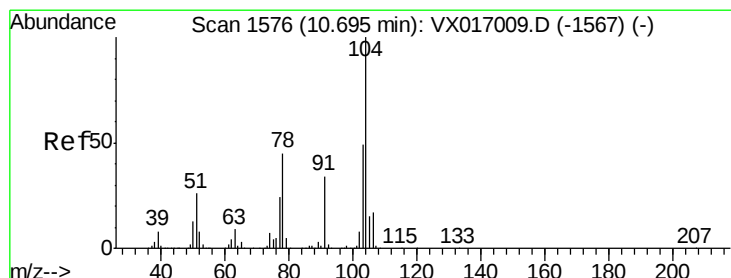
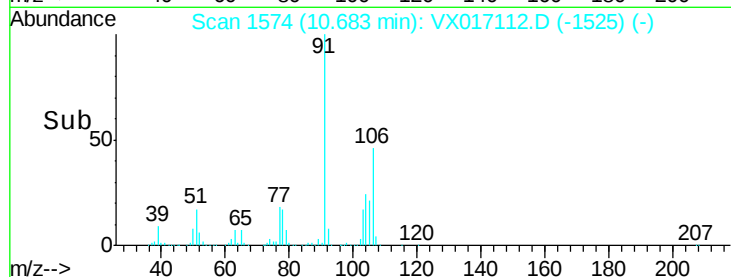
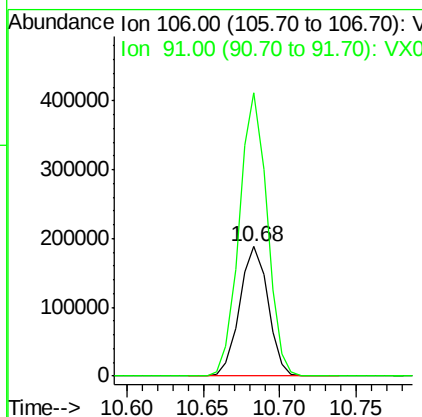
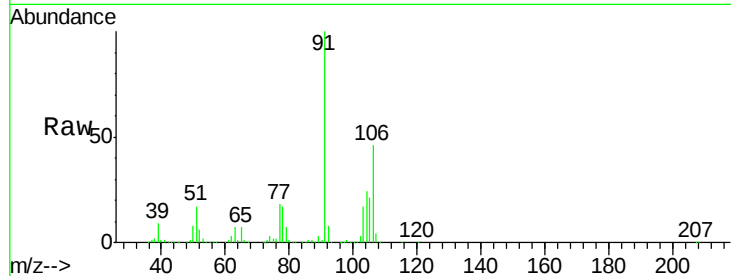
#69
o-Xylene
Concen: 51.198 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.8	105.6	316.7

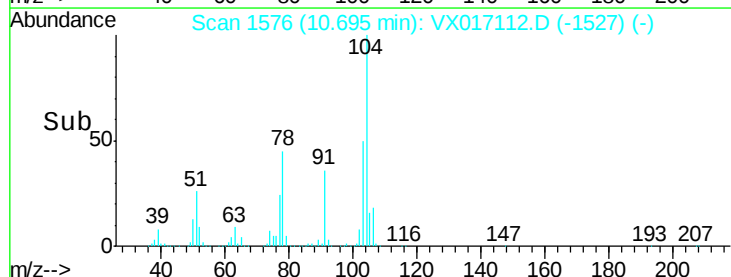
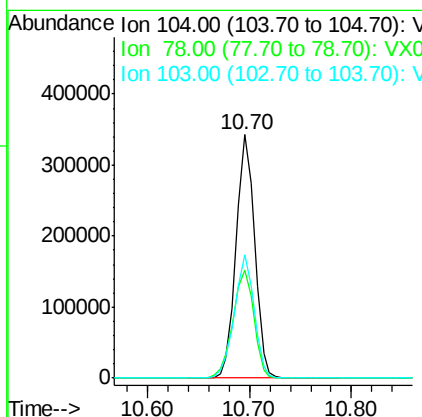
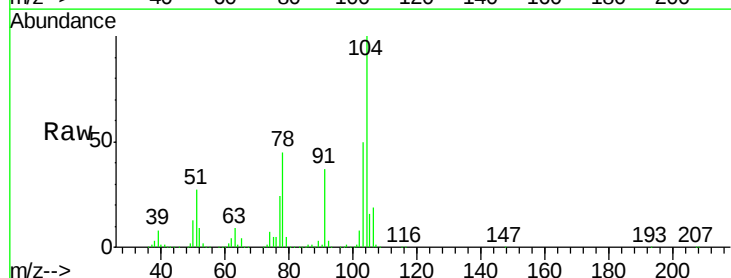
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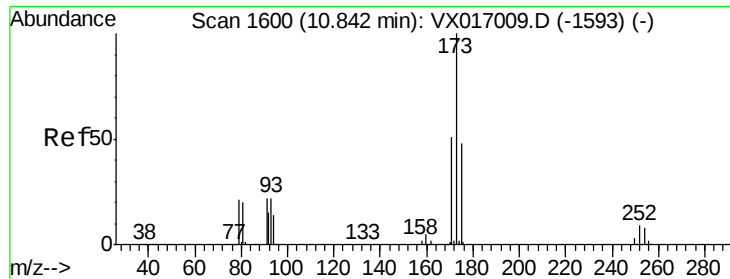
MMDadoda
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#70
Styrene
Concen: 53.026 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.5	59.3
103	53.8	43.0	64.6





#71

Bromoform

Concen: 54.436 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 129572

Ion Ratio Lower Upper

173 100

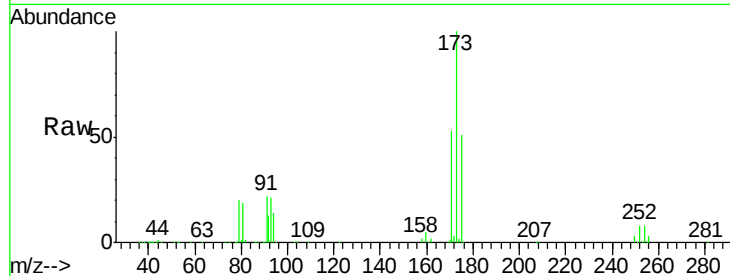
175 49.6 24.5 73.5

254 0.1 0.1 0.1#

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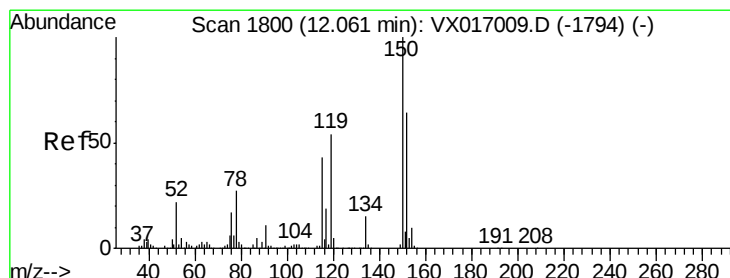
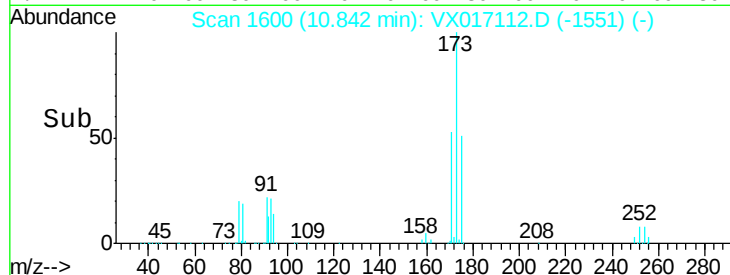
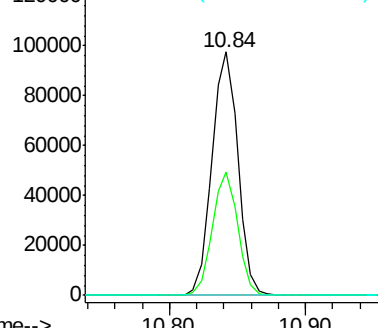
7/2/2020 9:16:06 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

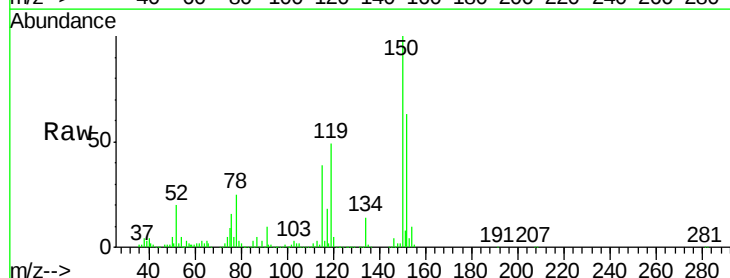
Tgt Ion:152 Resp: 206954

Ion Ratio Lower Upper

152 100

115 79.2 40.9 122.7

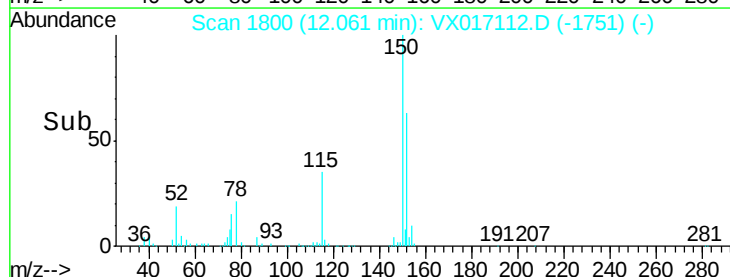
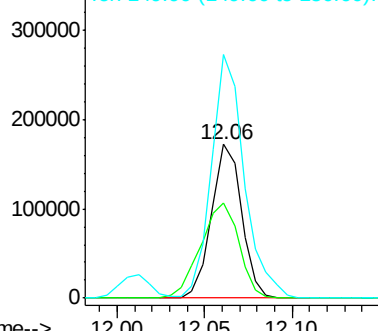
150 173.2 0.0 351.6

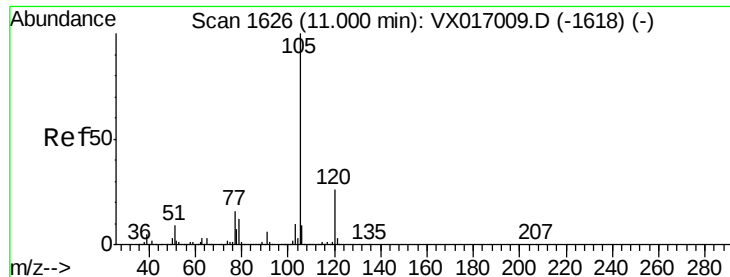


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.820 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 661791

Ion Ratio Lower Upper

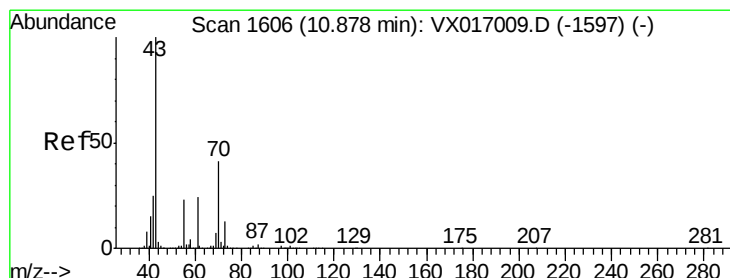
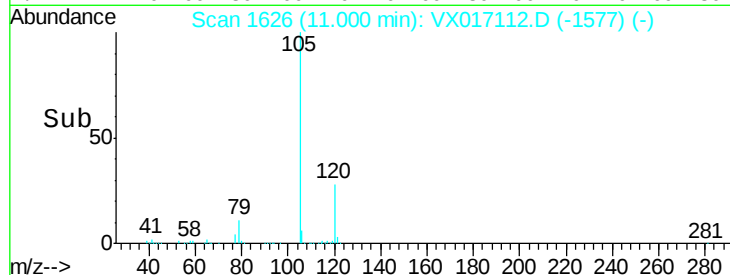
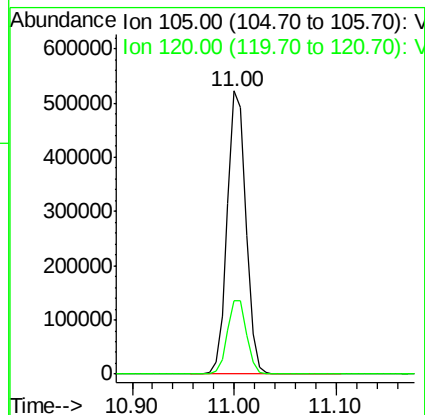
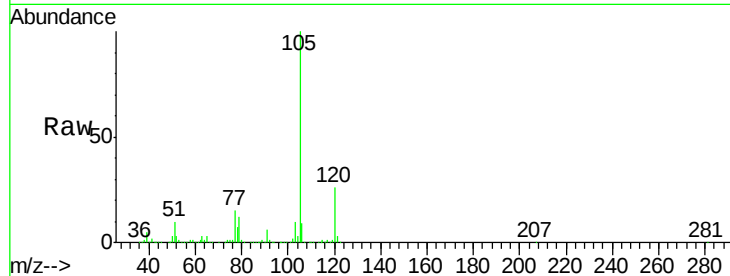
105 100

120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 49.109 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion: 43 Resp: 284053

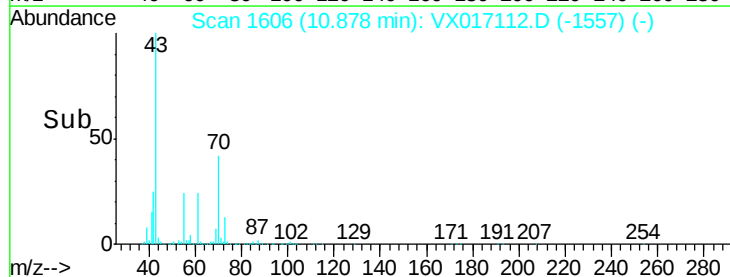
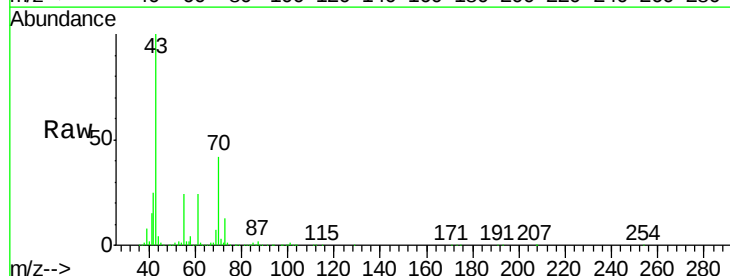
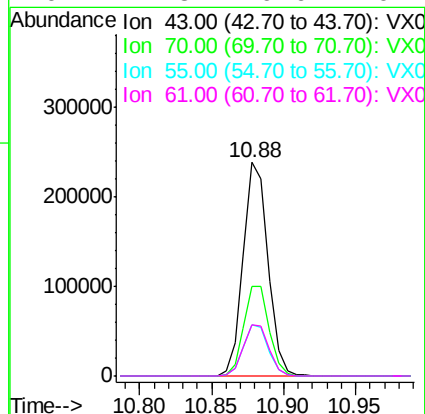
Ion Ratio Lower Upper

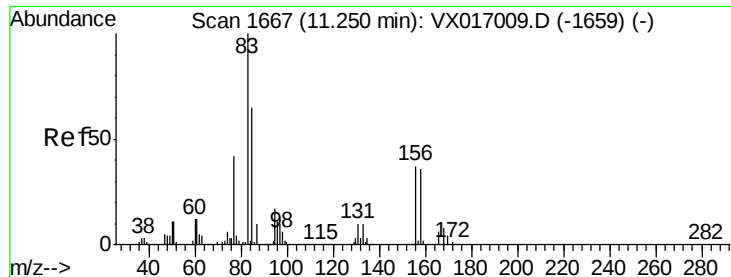
43 100

70 43.4 34.2 51.2

55 24.5 19.2 28.8

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.619 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

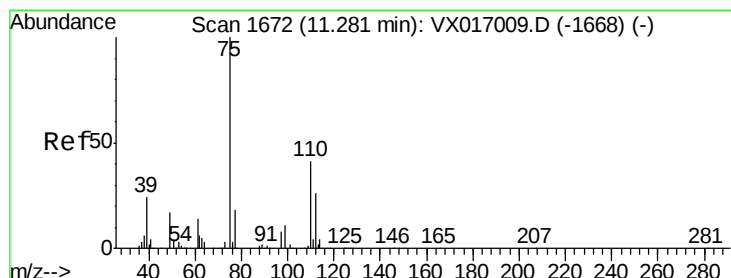
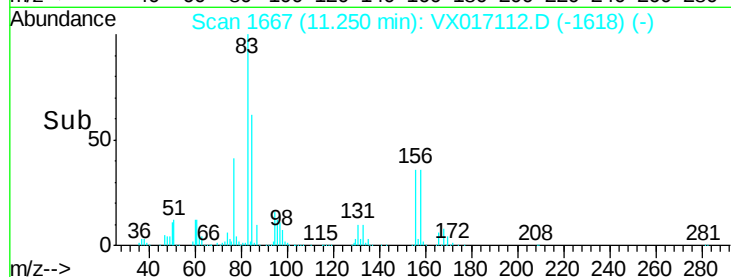
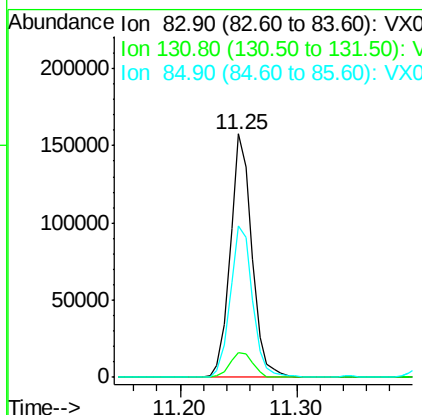
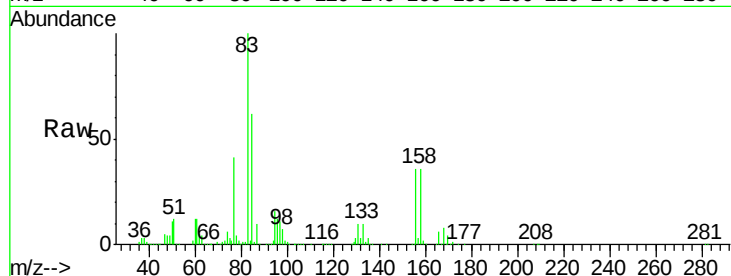
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	203049
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.077 ug/l m

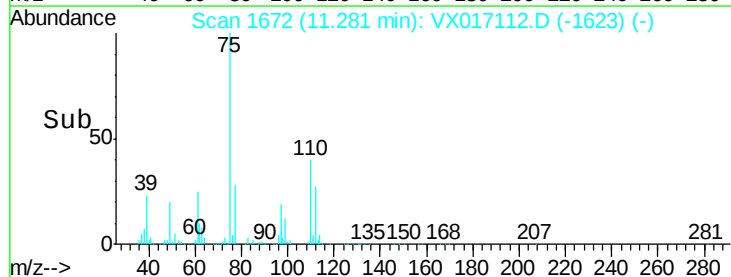
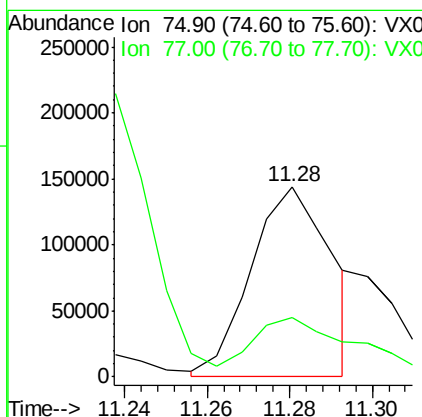
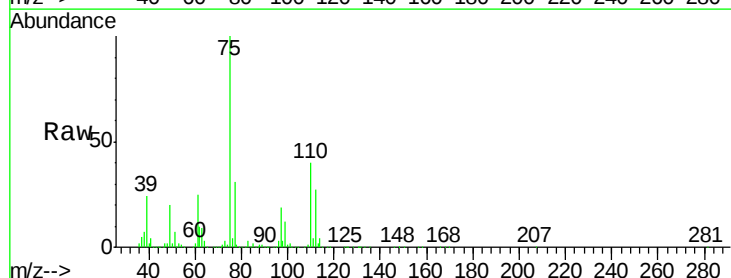
RT: 11.28 min Scan# 1672

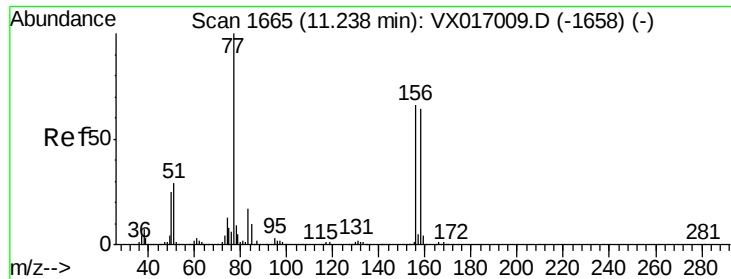
Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion:	75	Resp:	195657
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.2	60.6





#77

Bromobenzene

Concen: 47.111 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Instrument :

MSVOA_X

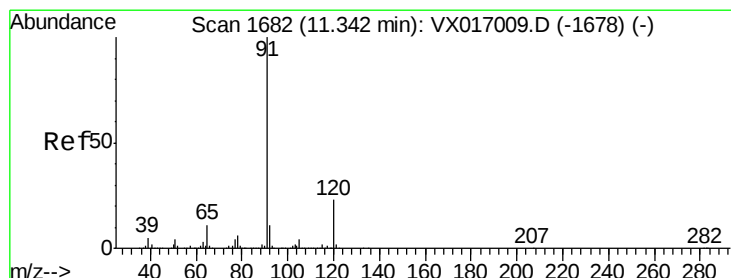
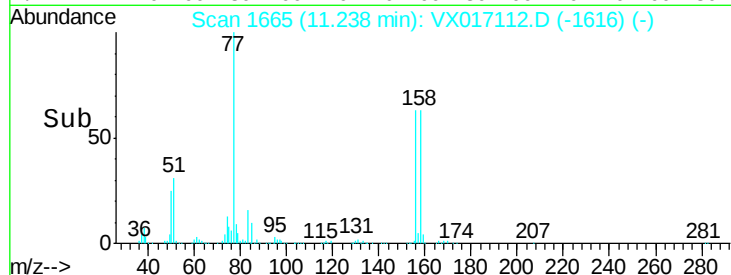
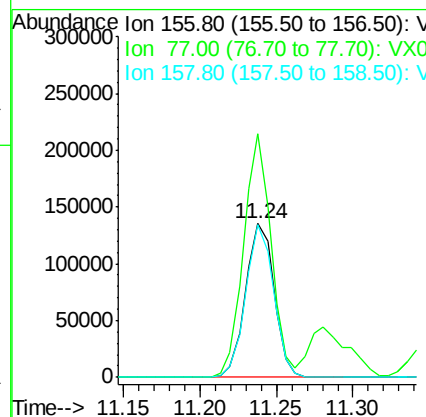
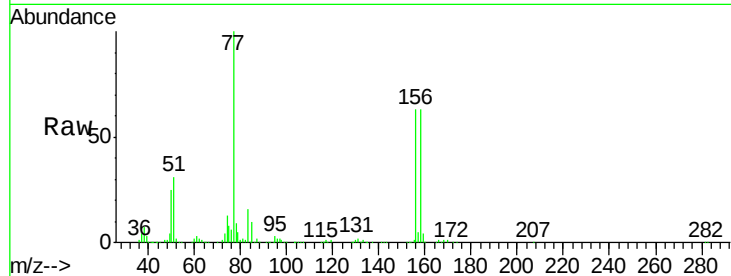
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	175516
Ion Ratio	Lower	Upper	
156	100		
77	151.8	76.9	230.7
158	96.7	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.245 ug/l

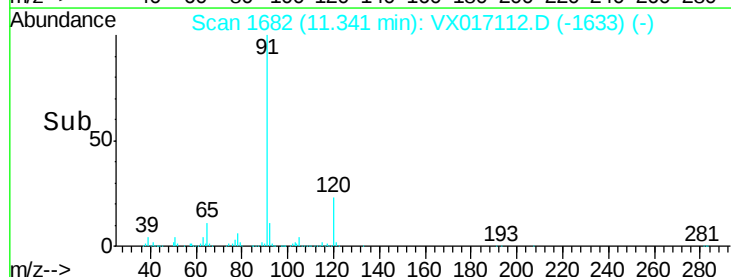
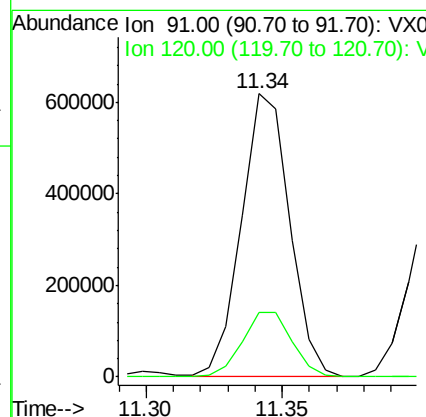
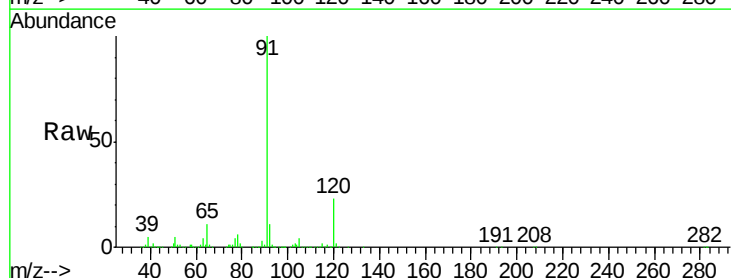
RT: 11.34 min Scan# 1682

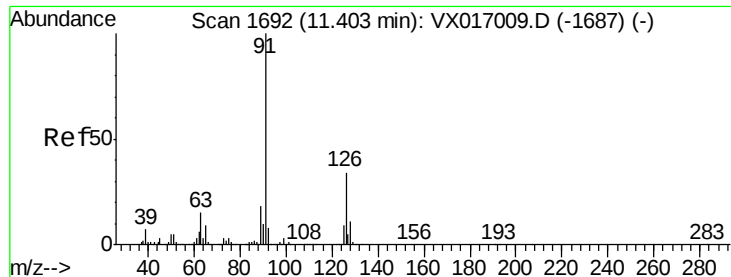
Delta R.T. -0.00 min

Lab File: VX017112.D

Acq: 01 Jul 2020 20:34

Tgt Ion:	91	Resp:	754892
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





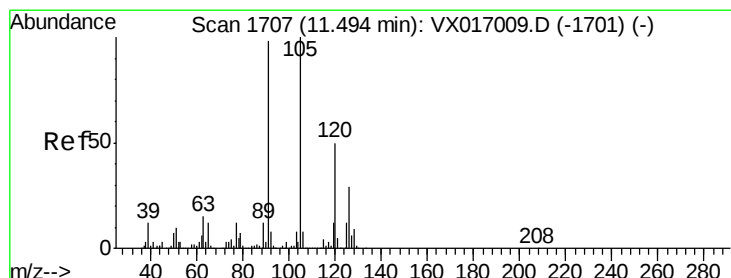
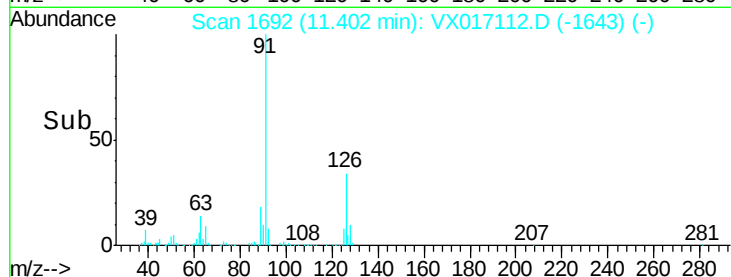
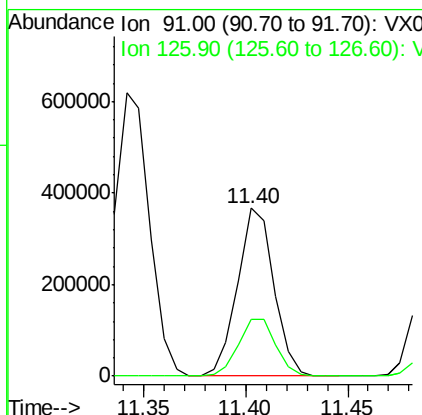
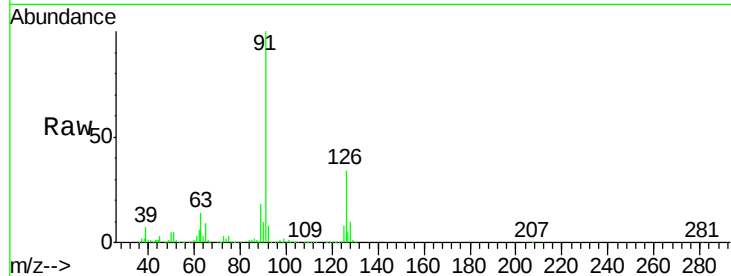
#79
 2-Chlorotoluene
 Concen: 48.779 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.3	17.4	52.3	

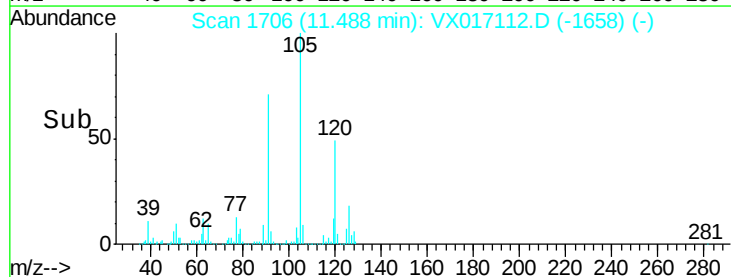
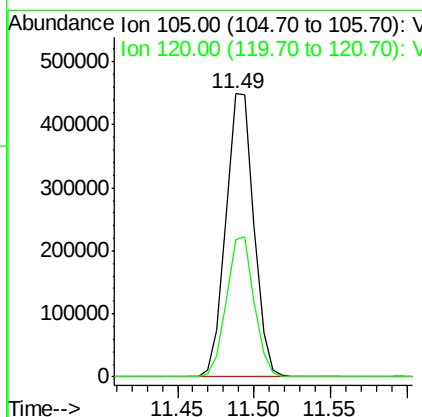
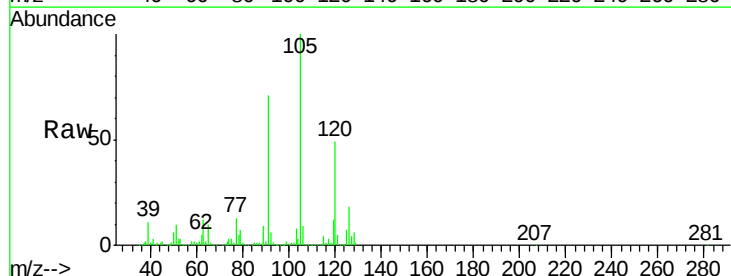
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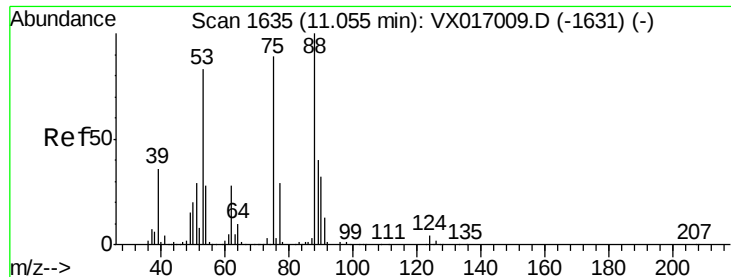
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.522 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	49.1	24.9	74.6	





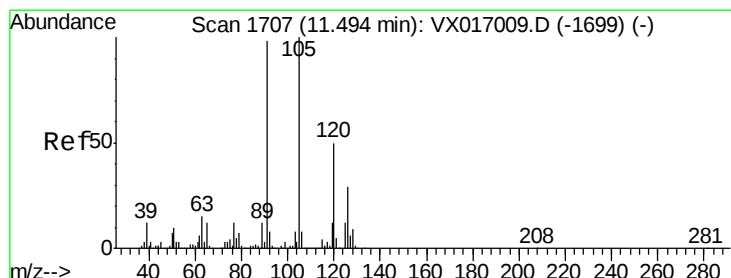
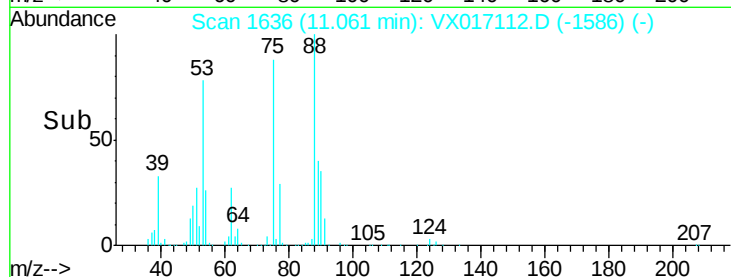
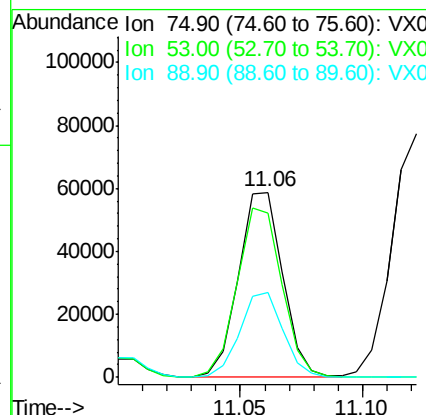
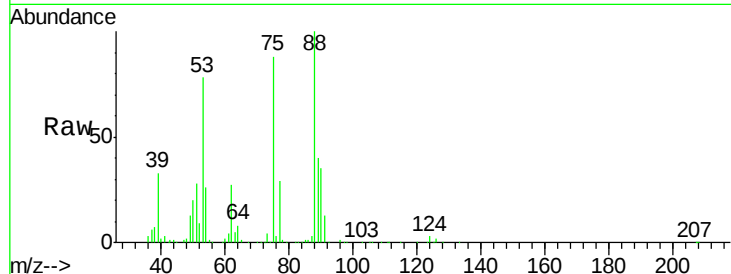
#81
trans-1,4-Dichloro-2-butene
Concen: 46.757 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	72.4	108.6
89	45.6	37.0	55.4

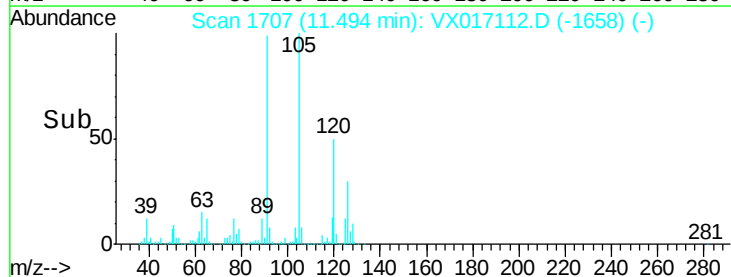
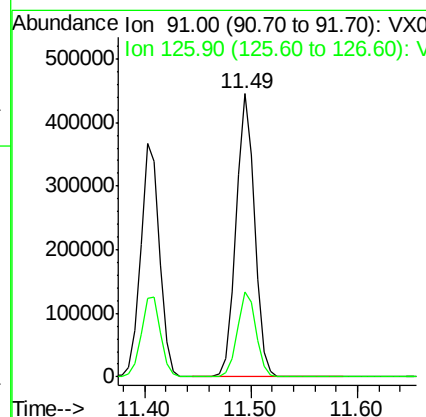
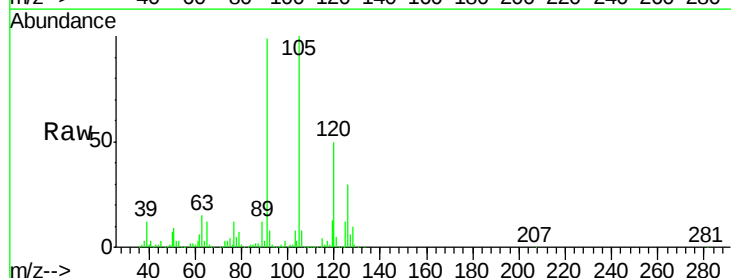
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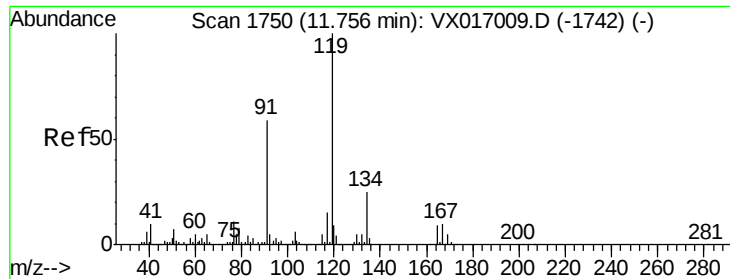
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.025 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.5





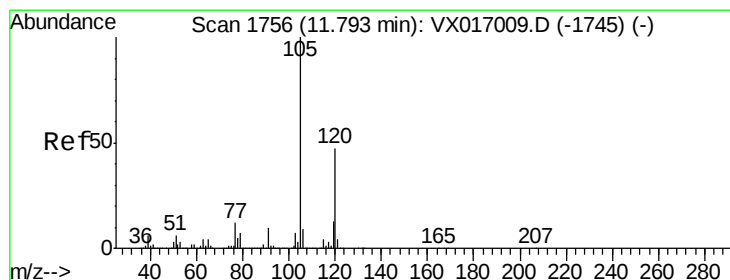
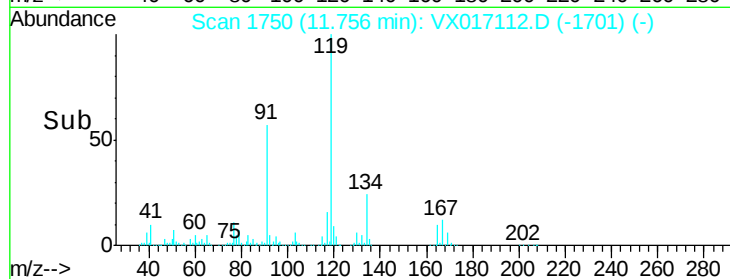
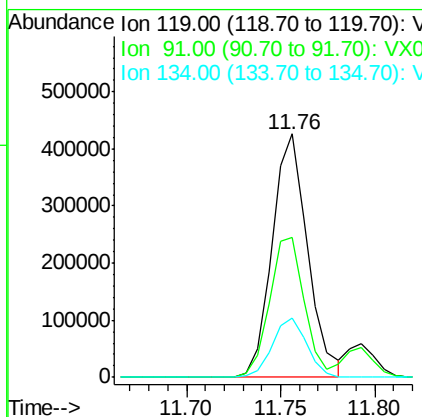
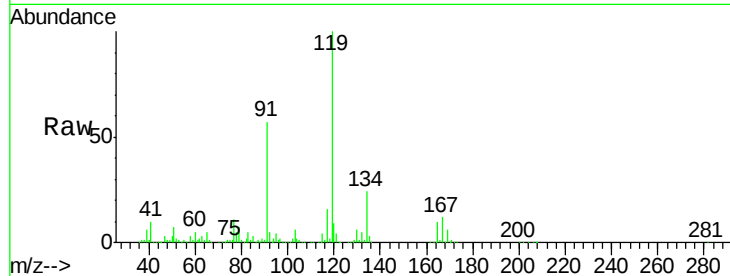
#83
tert-Butylbenzene
Concen: 50.426 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	556588		
91	56.2	28.3	84.9	
134	23.6	11.7	35.1	

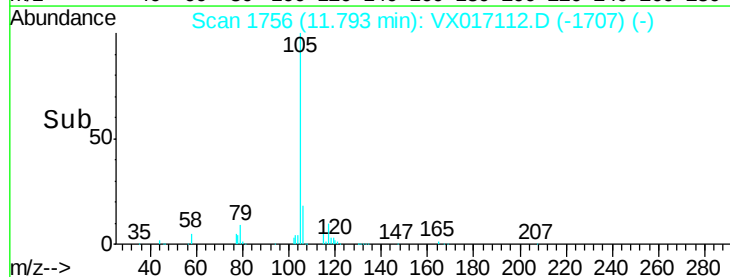
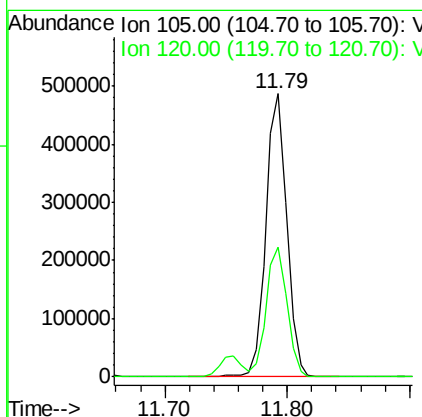
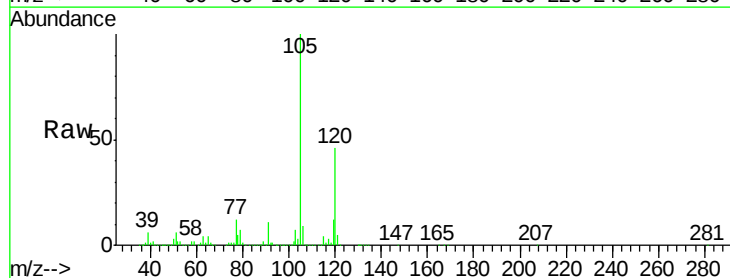
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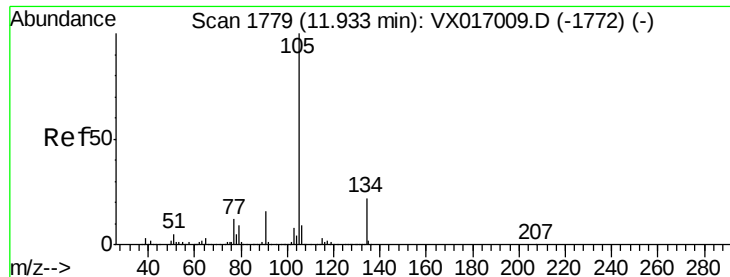
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#84
1,2,4-Trimethylbenzene
Concen: 50.853 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580084		
120	45.8	22.9	68.5	





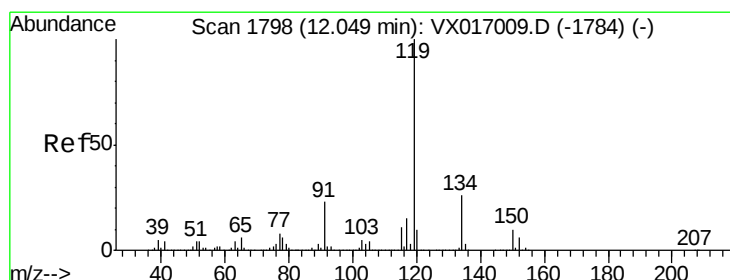
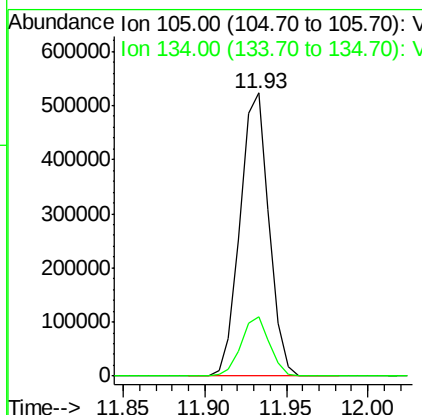
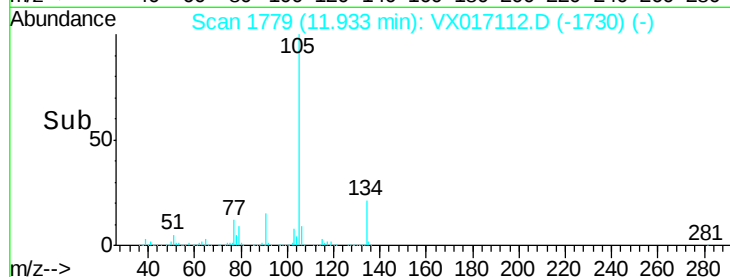
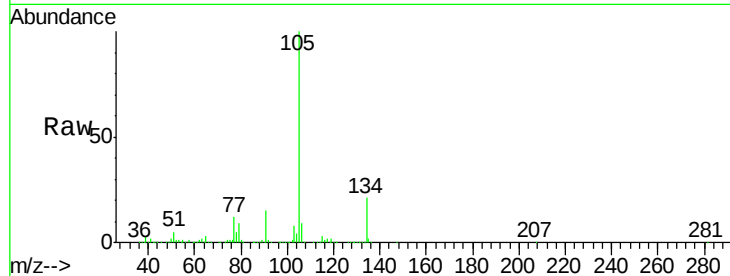
#85
 sec-Butylbenzene
 Concen: 49.813 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.6

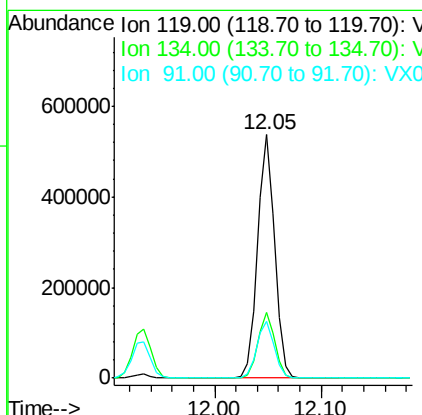
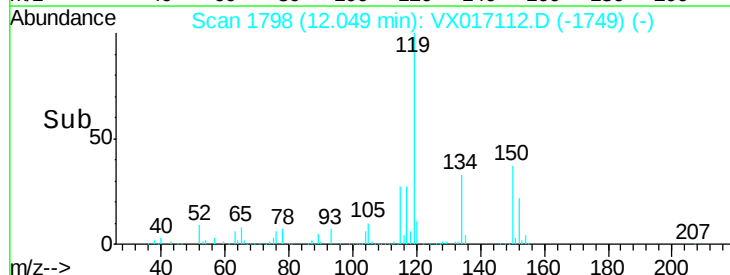
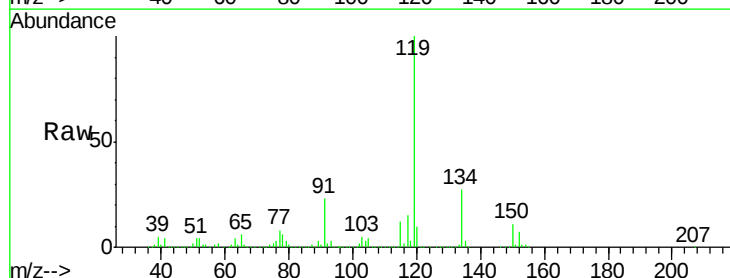
Manual Integrations
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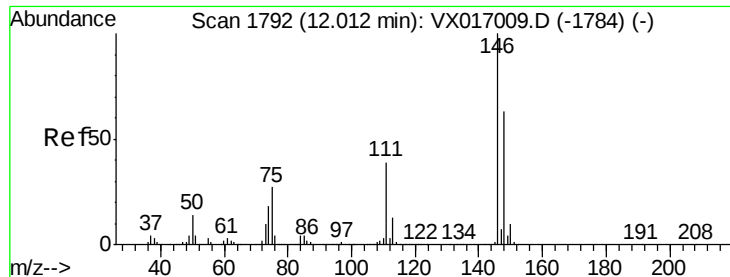
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#86
 p-Isopropyltoluene
 Concen: 50.014 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	23.7	11.8	35.4





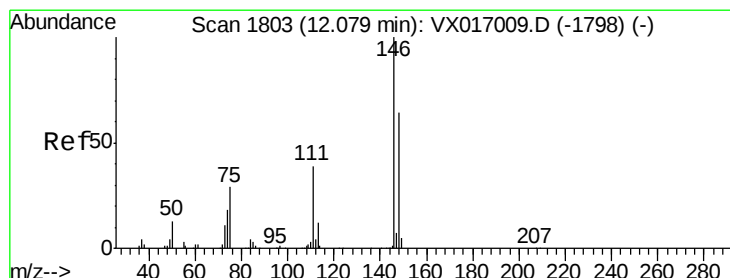
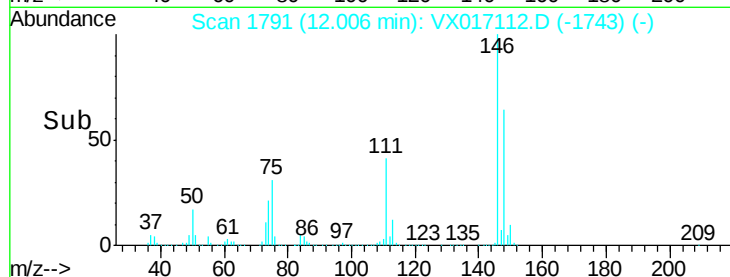
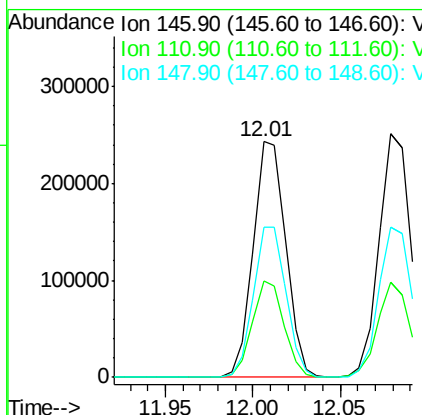
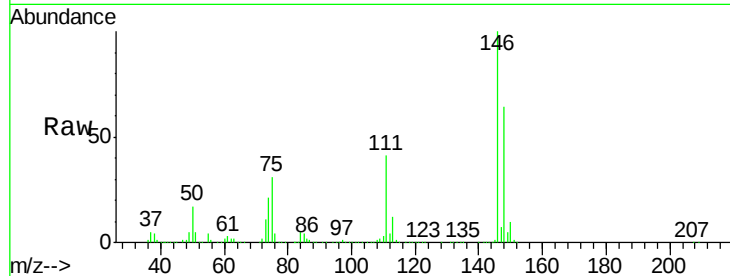
#87
 1,3-Dichlorobenzene
 Concen: 46.727 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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

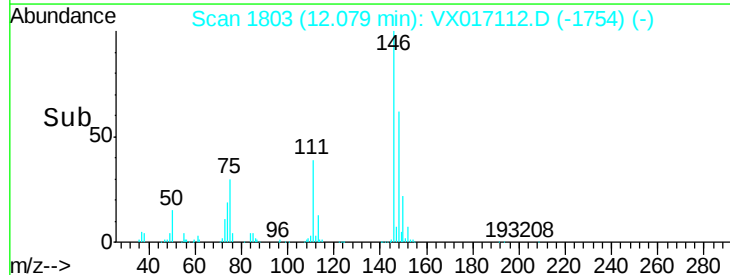
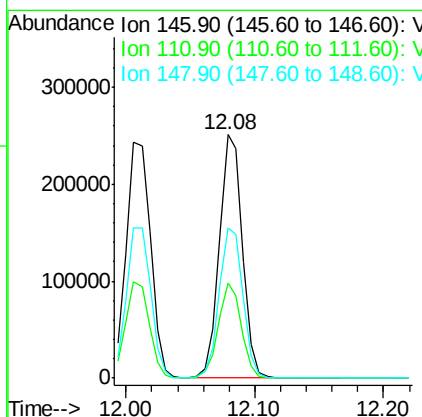
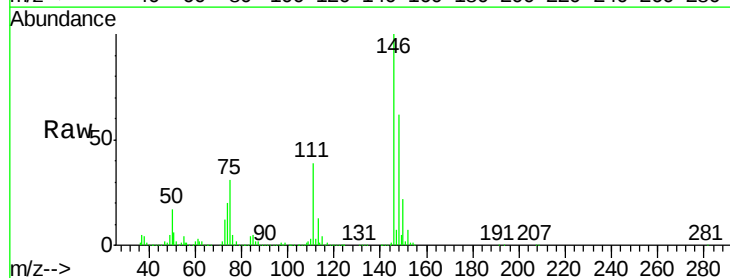
Manual Integrations
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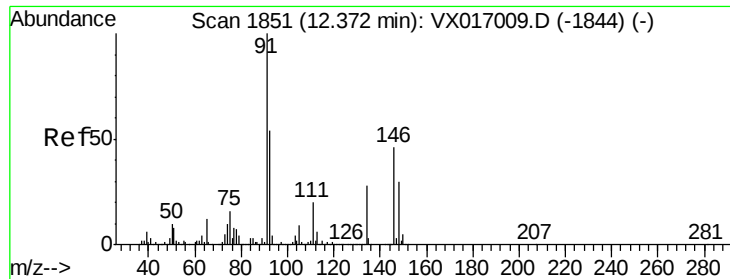
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 7/2/2020 9:16:06 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.683 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.5	31.9	95.7





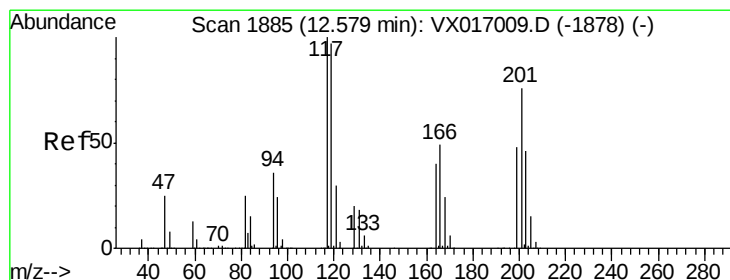
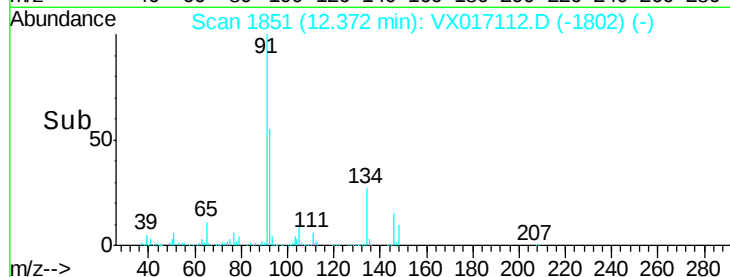
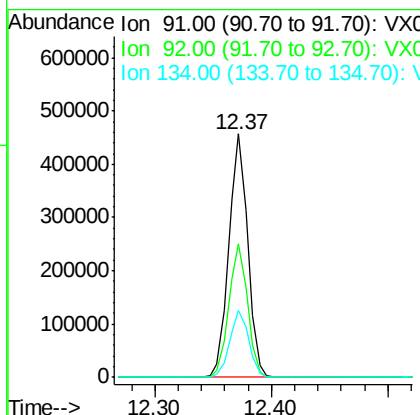
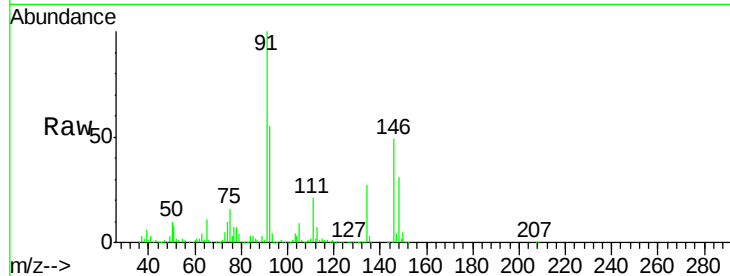
#89
n-Butylbenzene
Concen: 47.670 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.5	13.6	40.7

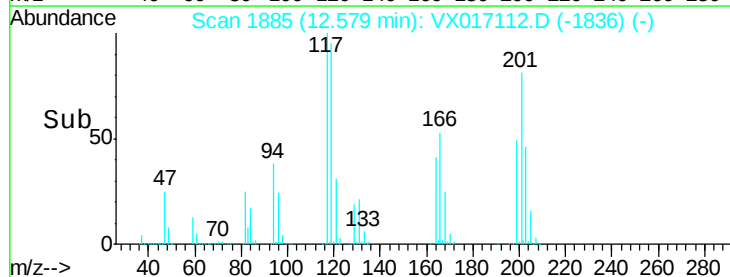
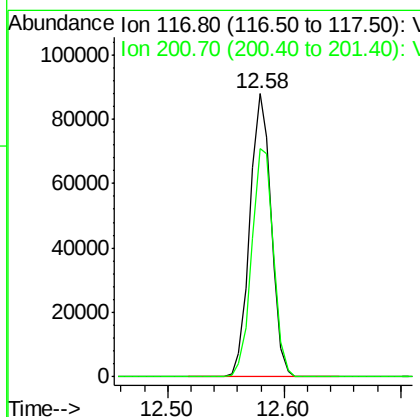
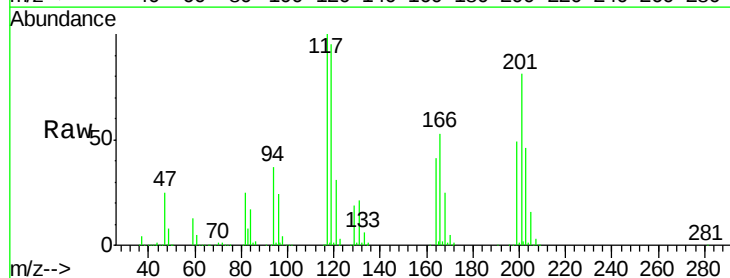
Manual Integrations
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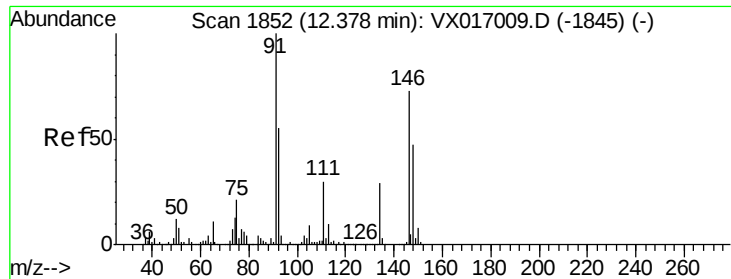
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#90
Hexachloroethane
Concen: 47.355 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.8	39.4	118.2





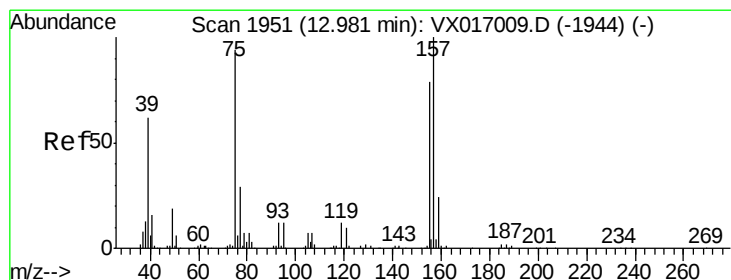
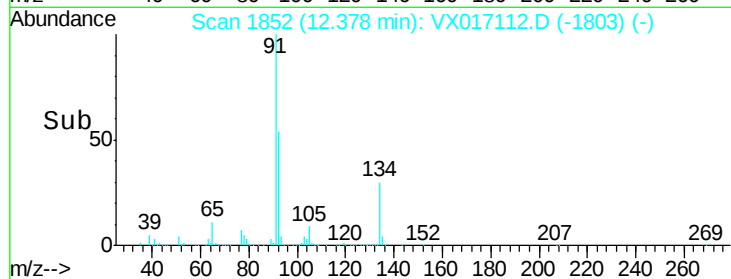
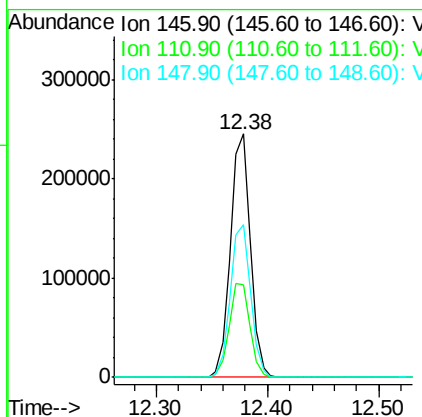
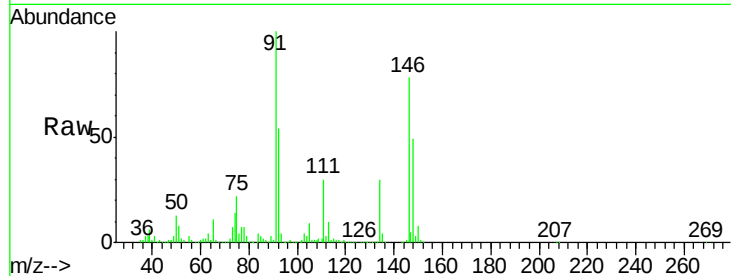
#91
 1,2-Dichlorobenzene
 Concen: 47.959 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	64.1	32.4	97.2

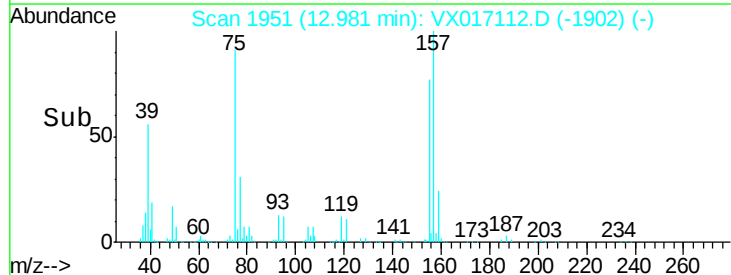
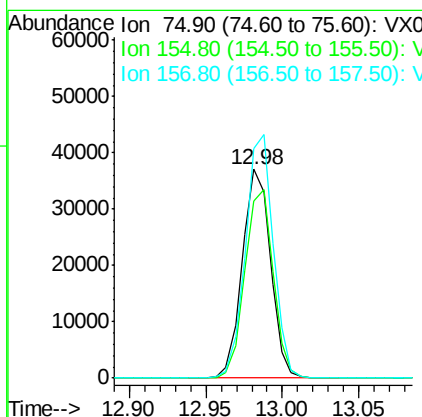
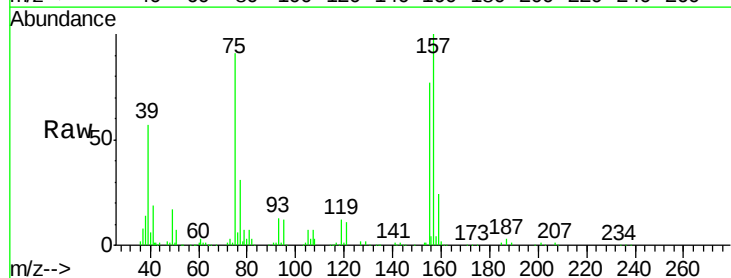
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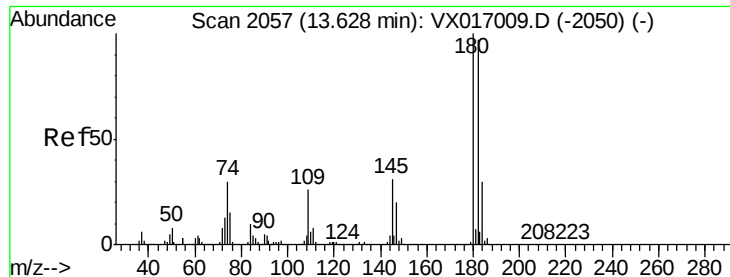
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.857 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.1	135.2
157	114.5	56.5	169.3





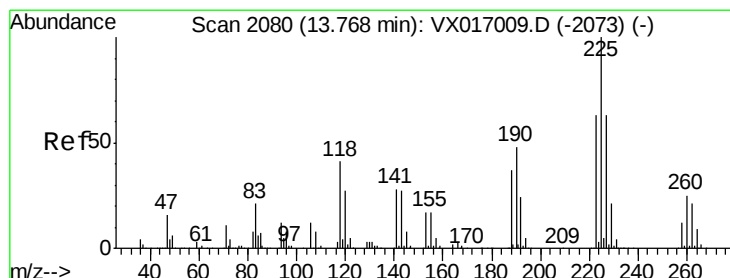
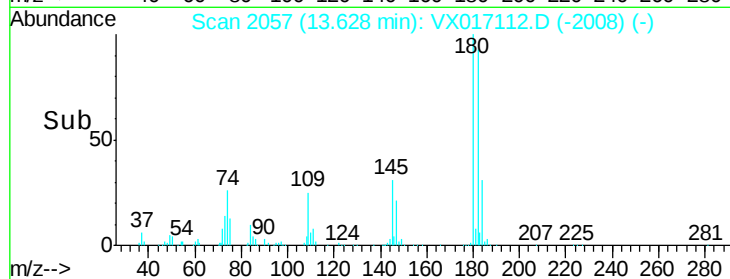
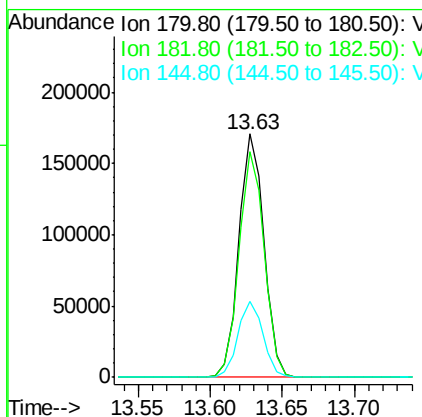
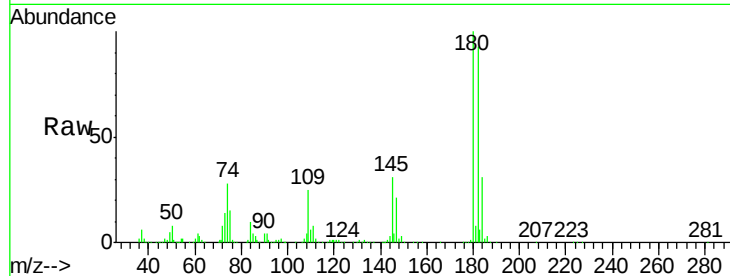
#93
 1,2,4-Trichlorobenzene
 Concen: 47.817 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206427		
182	93.5	47.3	141.9	
145	31.4	15.4	46.2	

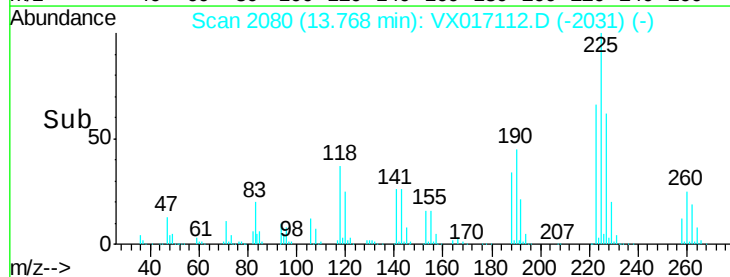
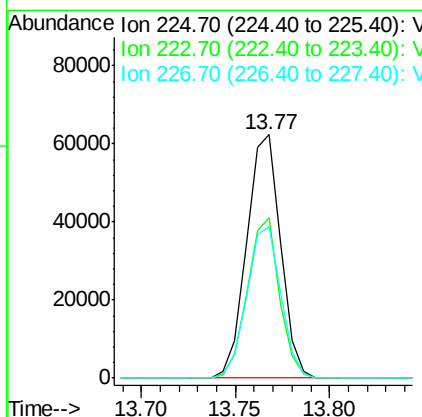
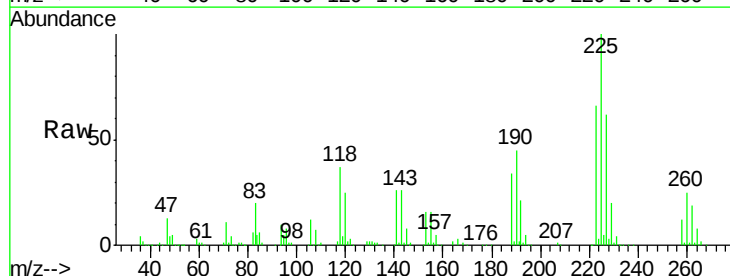
Manual Integrations
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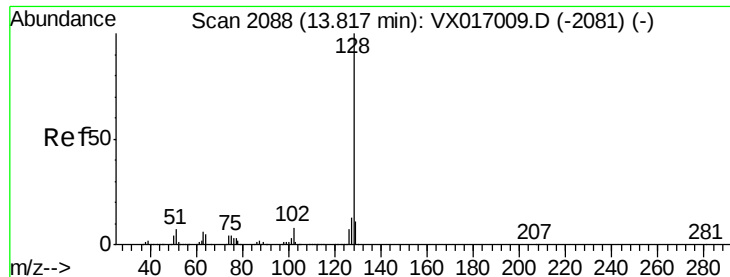
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 7/2/2020 9:16:06 AM



#94
 Hexachlorobutadiene
 Concen: 47.455 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017112.D
 Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77679		
223	62.4	32.5	97.5	
227	62.3	33.1	99.2	





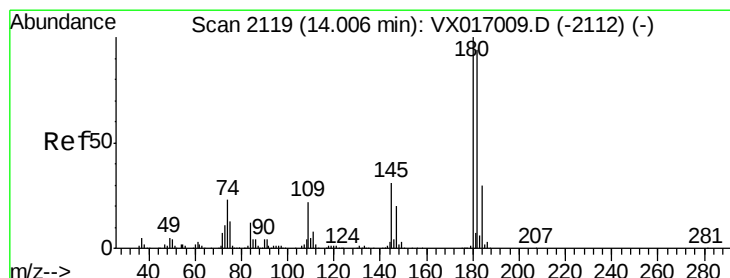
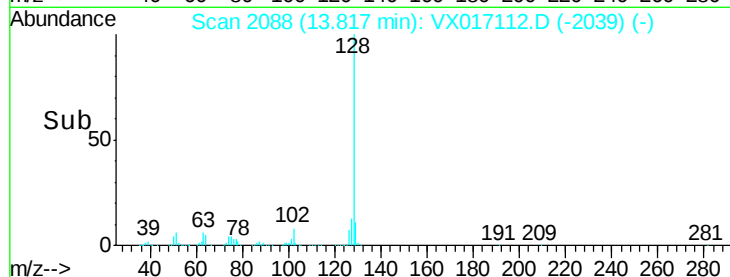
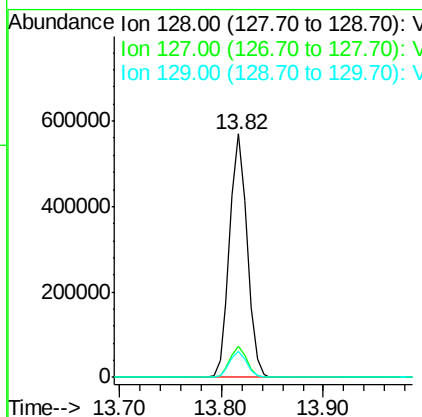
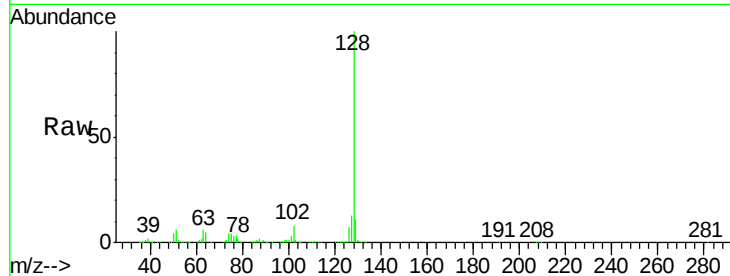
#95
Naphthalene
Concen: 51.334 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.292 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017112.D
Acq: 01 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.1	141.4
145	32.6	16.6	49.7

