

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017758.D
 Acq On : 04 Aug 2020 09:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 8/5/2020 2:51:14 PM

Quant Time: Aug 05 01:56:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	520882	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	770233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	752124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	384467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	341963	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.46	113	263952	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	943226	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.12	95	362511	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	225043	46.497	ug/l	97
3) Chloromethane	1.31	50	280370	43.593	ug/l	99
4) Vinyl Chloride	1.39	62	281565	42.956	ug/l	99
5) Bromomethane	1.62	94	169364	47.948	ug/l	97
6) Chloroethane	1.70	64	178004	49.236	ug/l	98
7) Trichlorofluoromethane	1.92	101	487856	47.320	ug/l	100
8) Diethyl Ether	2.17	74	166297	49.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	260004	45.956	ug/l	97
10) Methyl Iodide	2.49	142	322078	44.498	ug/l	96
11) Tert butyl alcohol	3.01	59	301176	213.573	ug/l	99
12) 1,1-Dichloroethene	2.36	96	237852	44.209	ug/l	96
13) Acrolein	2.27	56	247404	230.125	ug/l	100
14) Allyl chloride	2.70	41	462923	47.122	ug/l	97
15) Acrylonitrile	3.11	53	657952	216.018	ug/l	100
16) Acetone	2.42	43	610931	207.452	ug/l	97
17) Carbon Disulfide	2.55	76	651122	39.817	ug/l	100
18) Methyl Acetate	2.75	43	355399	51.242	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	828591	44.496	ug/l	98
20) Methylene Chloride	2.83	84	273306	49.257	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	252896	43.878	ug/l	97
22) Diisopropyl ether	3.82	45	912668	50.809	ug/l	99
23) Vinyl Acetate	3.78	43	3667501	228.988	ug/l	100
24) 1,1-Dichloroethane	3.67	63	468445	45.271	ug/l	99
25) 2-Butanone	4.63	43	942104	225.191	ug/l	97
26) 2,2-Dichloropropane	4.54	77	468429	50.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	288191	46.035	ug/l	100
28) Bromochloromethane	4.98	49	214763	45.800	ug/l	95
29) Tetrahydrofuran	5.08	42	612382	236.312	ug/l	99
30) Chloroform	5.17	83	512740	48.495	ug/l	99
31) Cyclohexane	5.54	56	378546	45.875	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	486170	48.763	ug/l	99
36) 1,1-Dichloropropene	5.76	75	374548	50.702	ug/l	99
37) Ethyl Acetate	4.79	43	366978	45.403	ug/l	99
38) Carbon Tetrachloride	5.75	117	457980	51.052	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	398078	46.161	ug/l	99
40) Benzene	6.10	78	1013284	47.844	ug/l	99
41) Methacrylonitrile	5.00	41	202982	43.813	ug/l	98
42) 1,2-Dichloroethane	6.16	62	448263	51.736	ug/l	99
43) Isopropyl Acetate	6.41	43	677506	50.803	ug/l	100
44) Trichloroethene	7.19	130	316734	51.174	ug/l	96
45) 1,2-Dichloropropane	7.49	63	275662	46.952	ug/l	100
46) Dibromomethane	7.63	93	194442	46.863	ug/l	99
47) Bromodichloromethane	7.87	83	450327	53.940	ug/l	99
48) Methyl methacrylate	7.74	41	306794	46.409	ug/l	97
49) 1,4-Dioxane	7.71	88	110390	870.992	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1916654	240.872	ug/l	100
52) Toluene	8.76	92	681922	50.206	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	470961	50.393	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	485890	50.972	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	287178	50.755	ug/l	98
56) Ethyl methacrylate	9.16	69	430284	50.477	ug/l	99
57) 1,3-Dichloropropane	9.35	76	472051	50.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1054951	234.902	ug/l	98
59) 2-Hexanone	9.47	43	1514542	252.810	ug/l	99
60) Dibromochloromethane	9.56	129	370351	51.498	ug/l	99
61) 1,2-Dibromoethane	9.65	107	316858	52.600	ug/l	99
64) Tetrachloroethene	9.32	164	341172	50.540	ug/l	97
65) Chlorobenzene	10.12	112	793462	48.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	326122	49.635	ug/l	99
67) Ethyl Benzene	10.23	91	1358641	49.995	ug/l	98
68) m/p-Xylenes	10.34	106	1048239	99.569	ug/l	97
69) o-Xylene	10.68	106	467944	46.215	ug/l	99
70) Styrene	10.70	104	824197	47.842	ug/l	99
71) Bromoform	10.84	173	254962	44.790	ug/l #	99
73) Isopropylbenzene	11.00	105	1311041	49.707	ug/l	99
74) N-amyl acetate	10.88	43	519715	44.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	368106	44.713	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	359617m	45.471	ug/l	
77) Bromobenzene	11.24	156	349452	47.327	ug/l	99
78) n-propylbenzene	11.34	91	1528363	51.379	ug/l	100
79) 2-Chlorotoluene	11.40	91	896813	48.668	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1136825	50.482	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	143973	45.871	ug/l	96
82) 4-Chlorotoluene	11.49	91	1066972	49.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1053779	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1142832	51.023	ug/l	99
85) sec-Butylbenzene	11.93	105	1268601	50.539	ug/l	100
86) p-Isopropyltoluene	12.05	119	1200490	50.221	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	606428	47.826	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	623681	47.487	ug/l	99
89) n-Butylbenzene	12.37	91	1057399	49.643	ug/l	99
90) Hexachloroethane	12.58	117	226296	48.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	597619	47.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96859	42.036	ug/l	100

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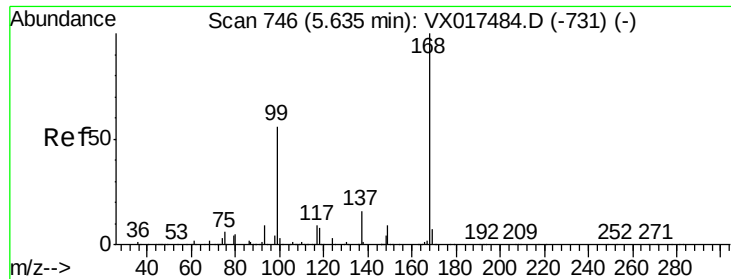
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	428627	50.396	ug/l	99
94) Hexachlorobutadiene	13.77	225	177362	45.302	ug/l	95
95) Naphthalene	13.82	128	1261923	49.702	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	430899	51.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017758.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 520882

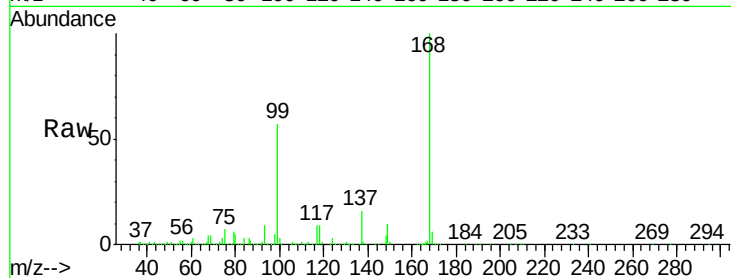
Ion Ratio Lower Upper

168 100

99 57.0 43.4 65.2

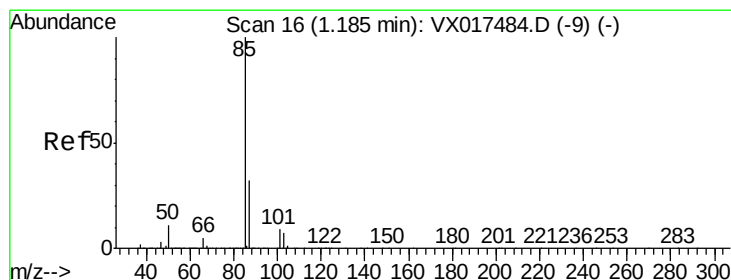
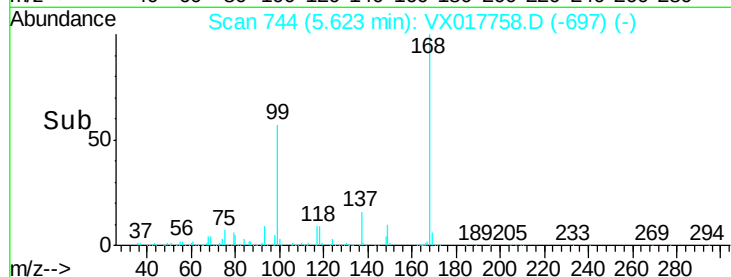
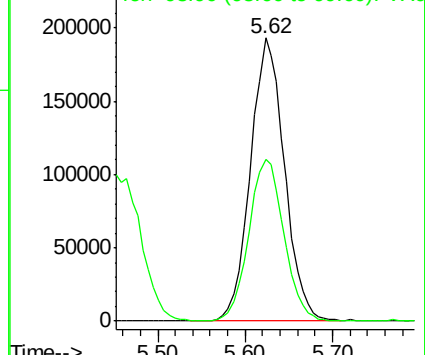
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.497 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017758.D

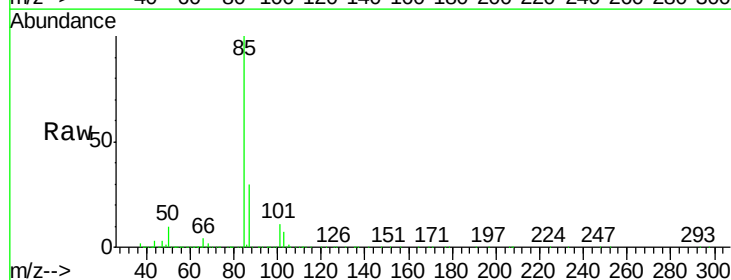
Acq: 04 Aug 2020 09:22

Tgt Ion: 85 Resp: 225043

Ion Ratio Lower Upper

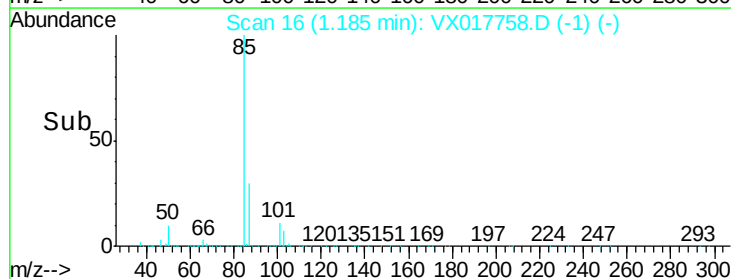
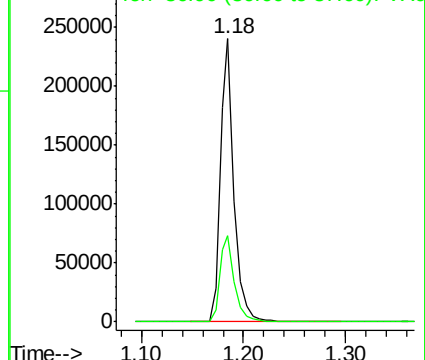
85 100

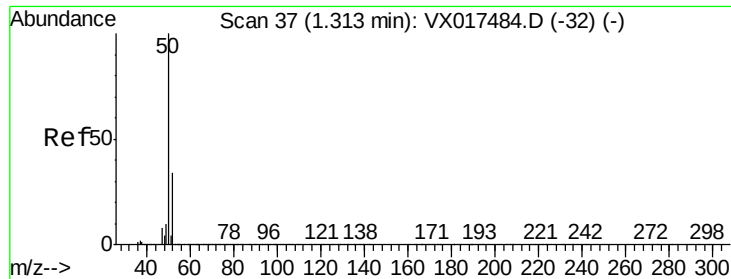
87 30.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.593 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 280370

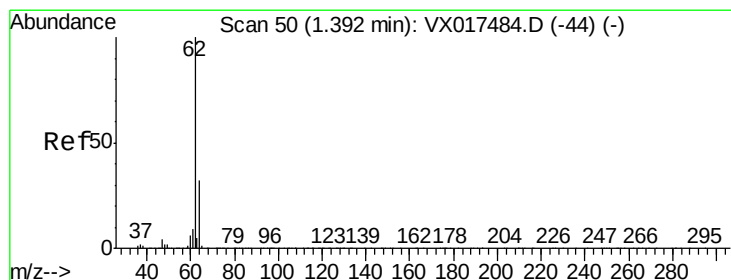
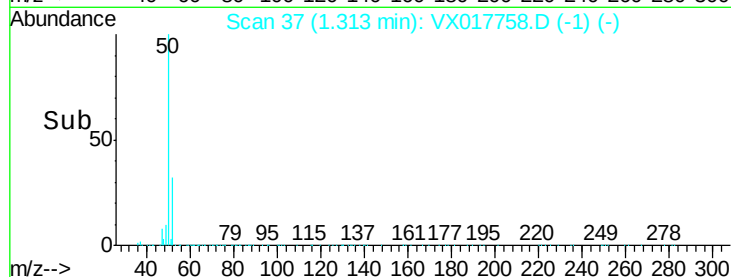
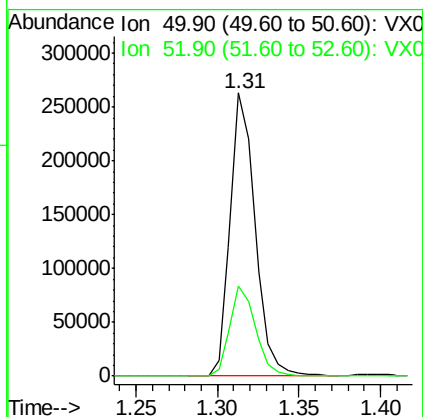
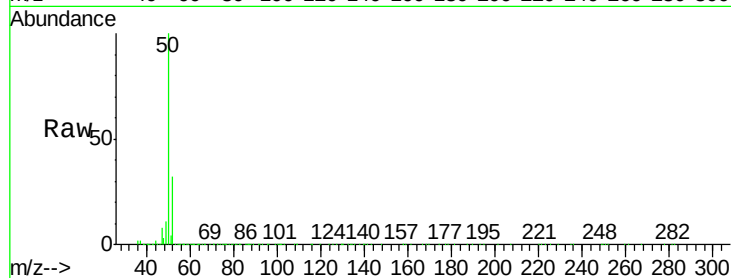
Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 42.956 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017758.D

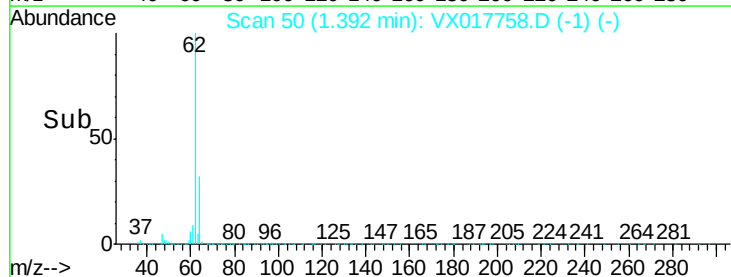
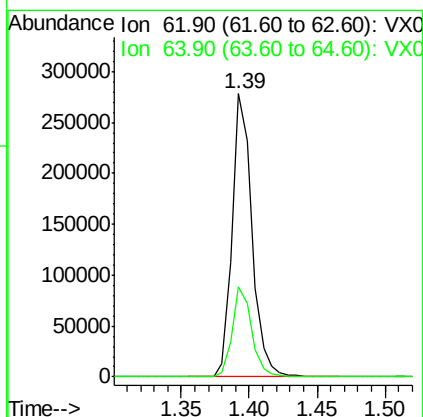
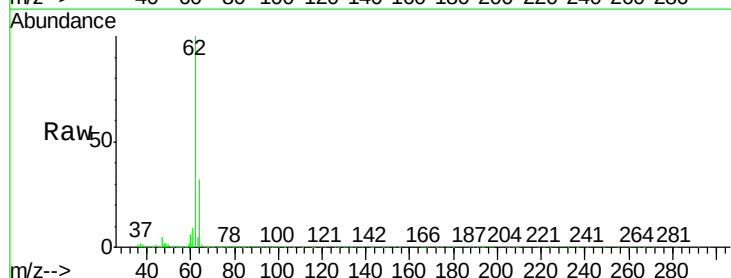
Acq: 04 Aug 2020 09:22

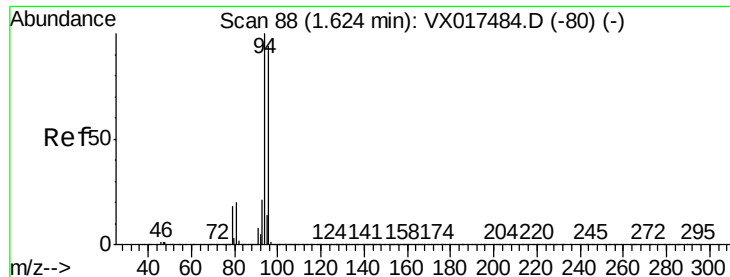
Tgt Ion: 62 Resp: 281565

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 47.948 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 169364

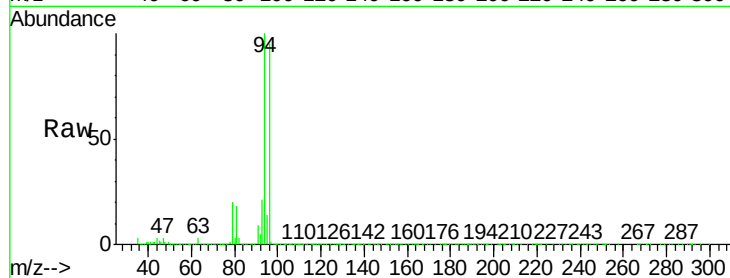
Ion Ratio Lower Upper

94 100

96 95.4 74.1 111.1

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

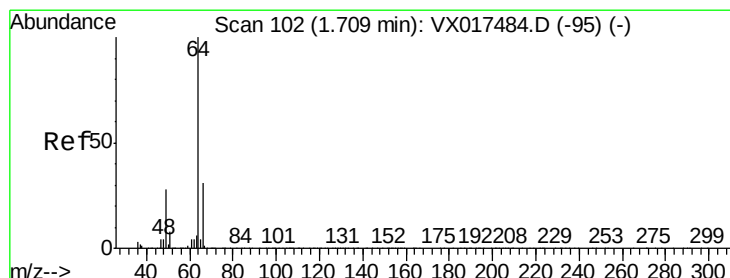
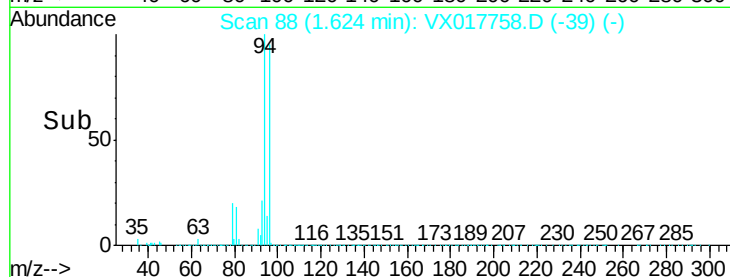
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.236 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017758.D

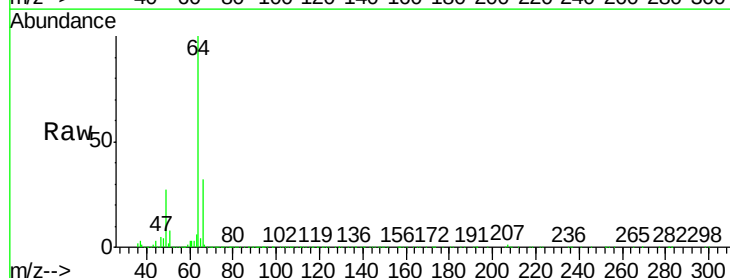
Acq: 04 Aug 2020 09:22

Tgt Ion: 64 Resp: 178004

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

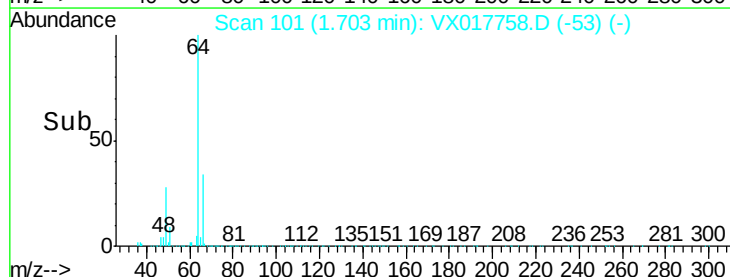
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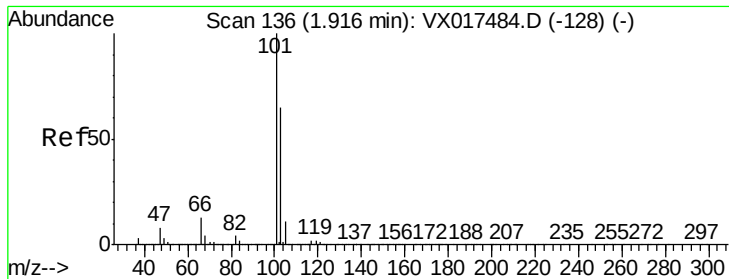
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50000

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Time-->





#7

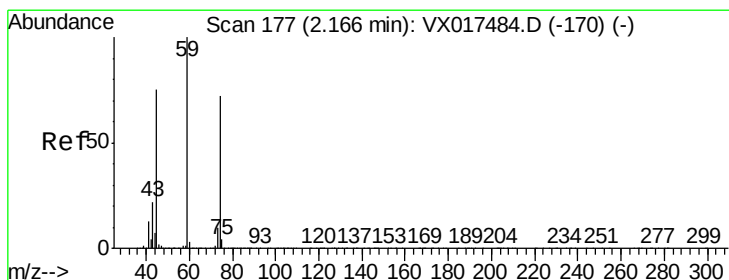
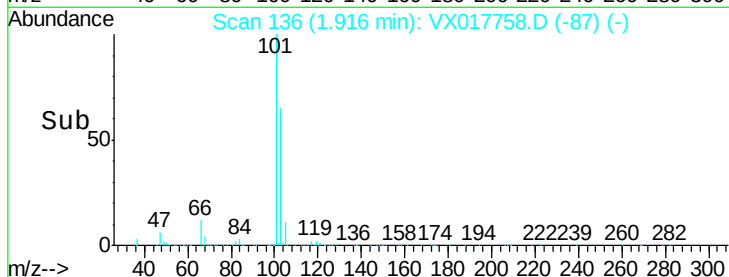
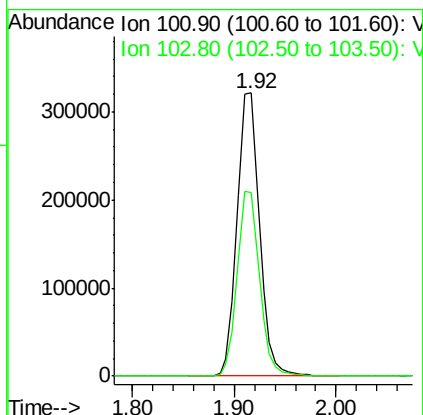
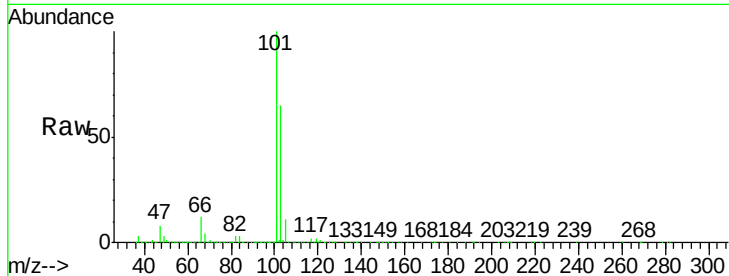
Trichlorofluoromethane
Concen: 47.320 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.8

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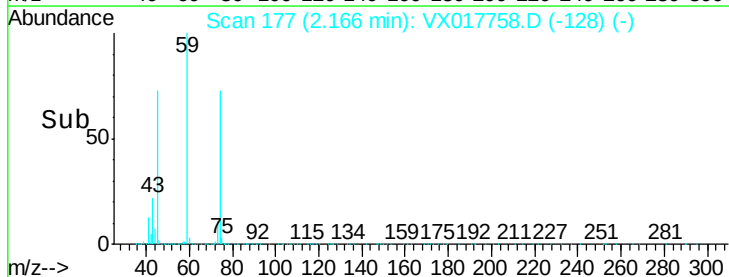
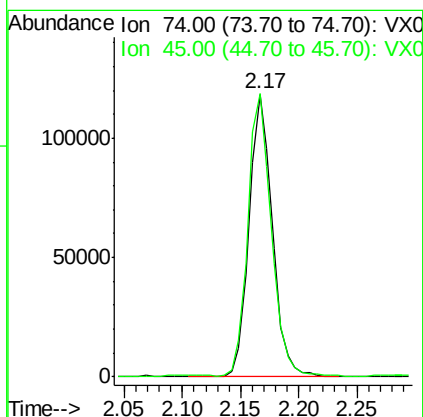
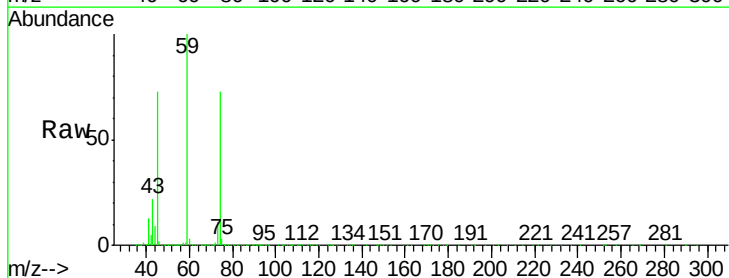
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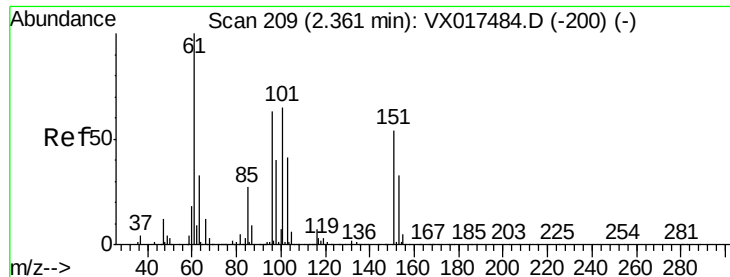


#8

Diethyl Ether
Concen: 49.746 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.956 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

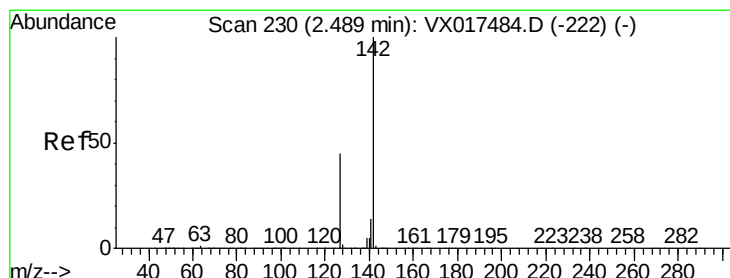
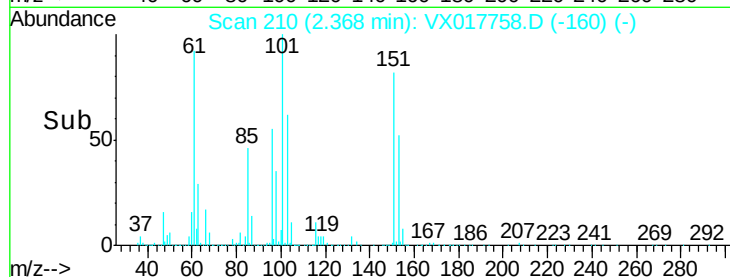
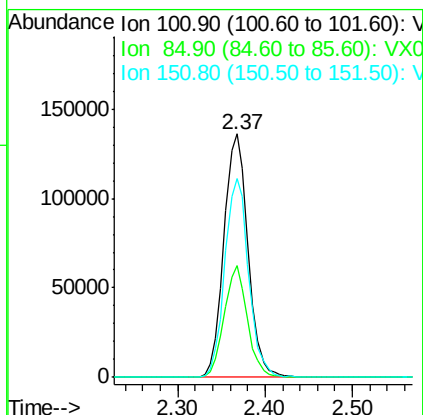
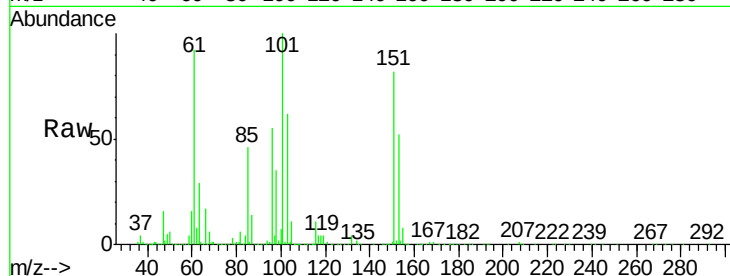
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	260004
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.8	52.2
151	81.0	68.0	102.0

Manual Integrations
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8/5/2020 2:51:14 PM



#10

Methyl Iodide

Concen: 44.498 ug/l

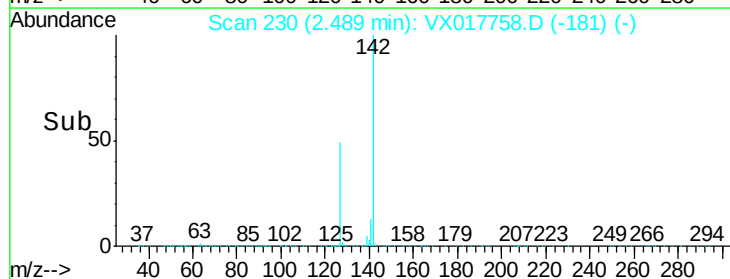
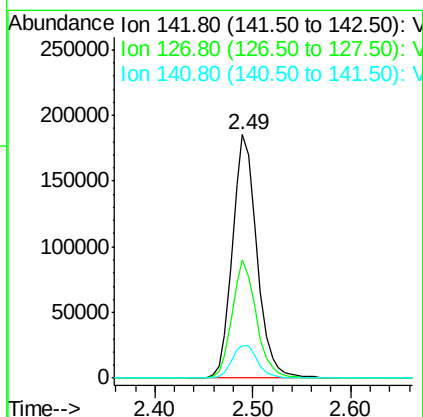
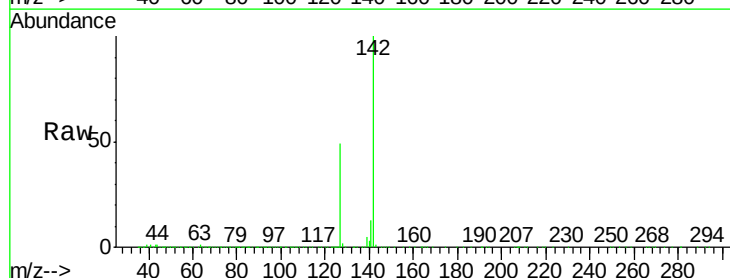
RT: 2.49 min Scan# 230

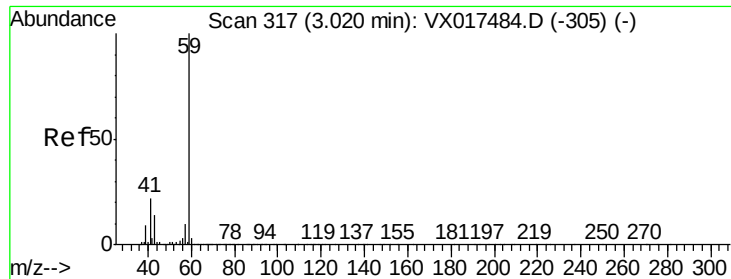
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion:	142	Resp:	322078
Ion Ratio	Lower	Upper	
142	100		
127	48.1	35.9	53.9
141	14.2	11.4	17.0





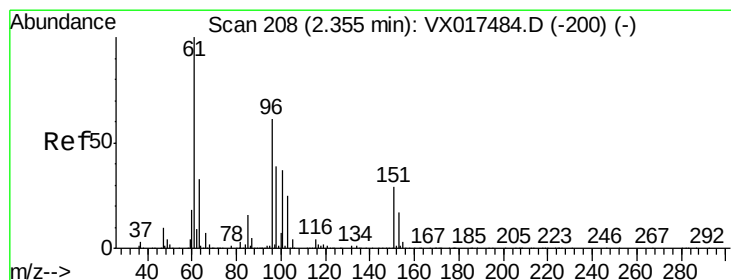
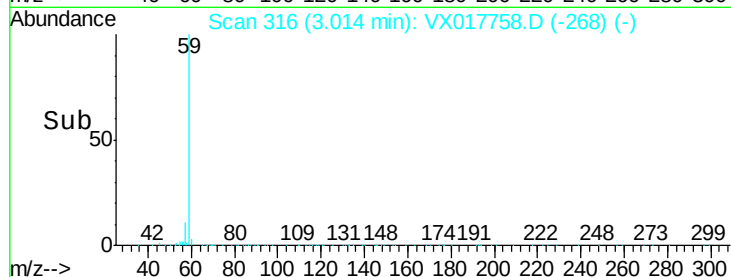
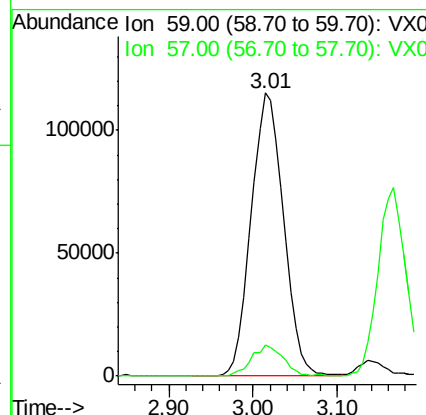
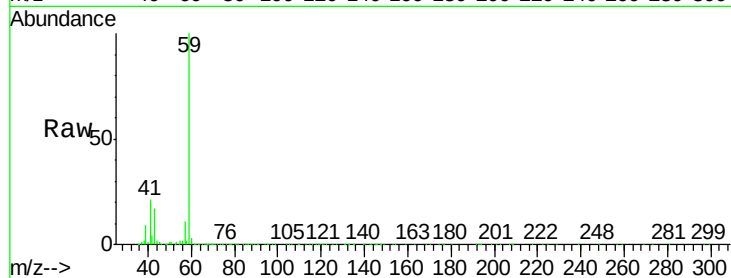
#11
Tert butyl alcohol
Concen: 213.573 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

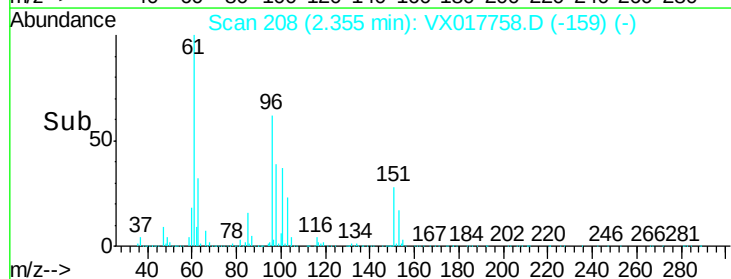
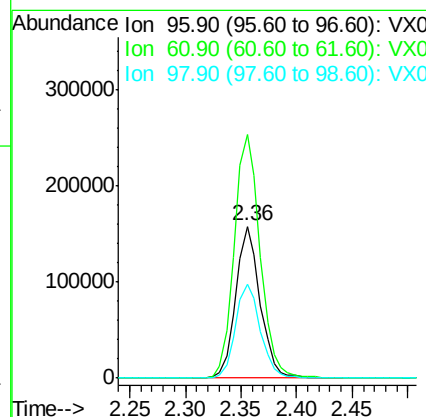
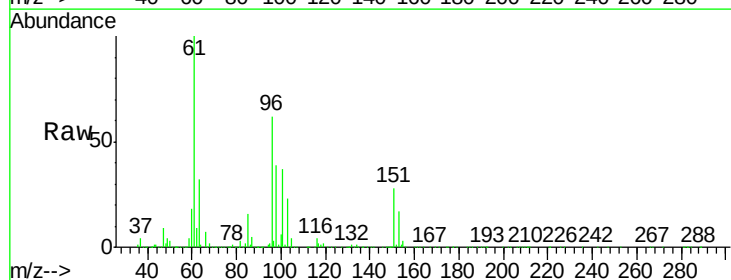
Manual Integrations
APPROVED

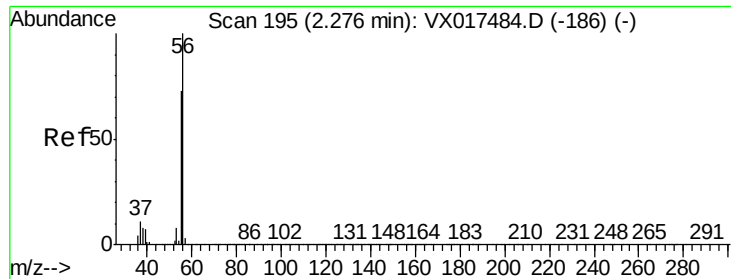
MMDadoda
8/5/2020 2:51:14 PM



#12
1,1-Dichloroethene
Concen: 44.209 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	134.0	201.0
98	62.4	51.0	76.4





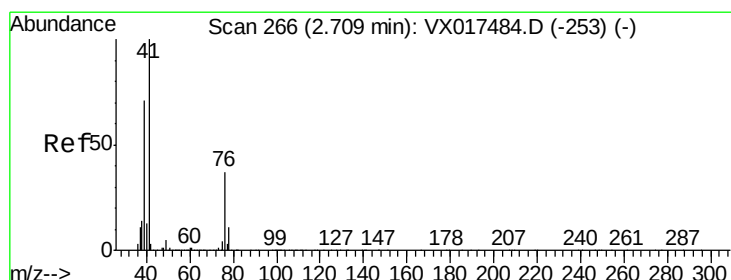
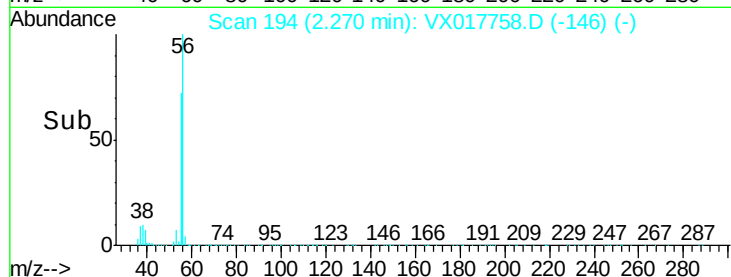
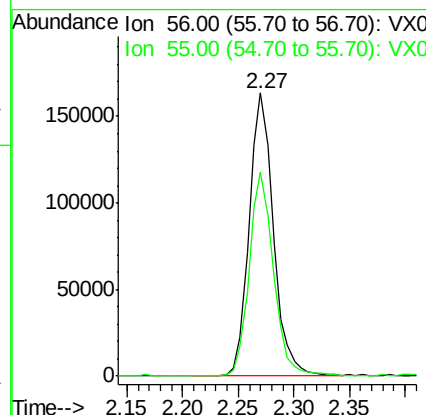
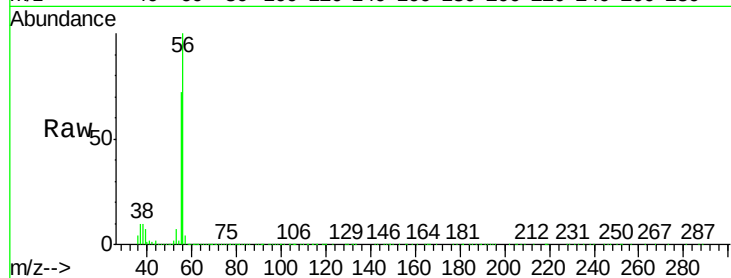
#13
Acrolein
Concen: 230.125 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.2	57.4	86.2

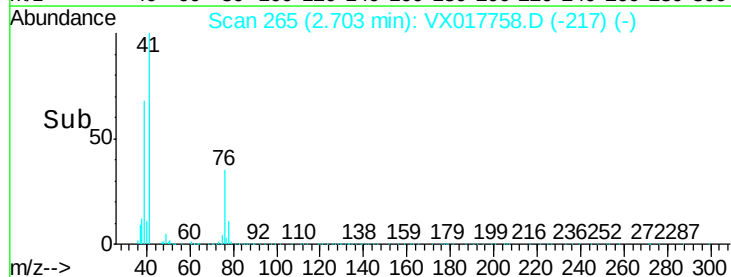
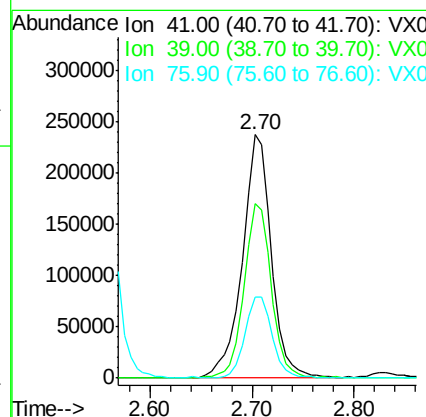
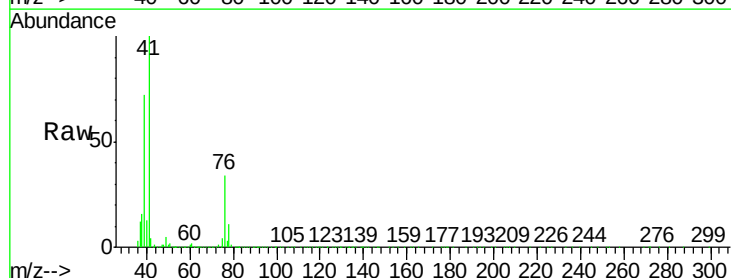
Manual Integrations
APPROVED

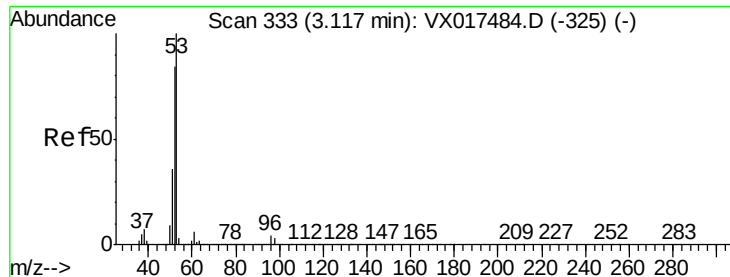
MMDadoda
8/5/2020 2:51:14 PM



#14
Allyl chloride
Concen: 47.122 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.7	51.9	77.9
76	31.4	25.5	38.3





#15

Acrylonitrile

Concen: 216.018 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

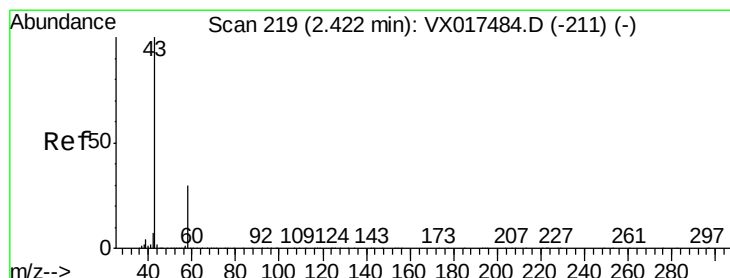
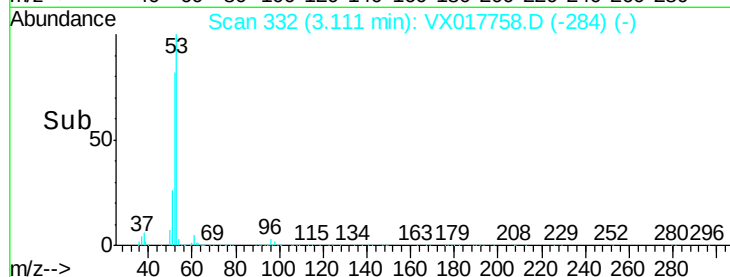
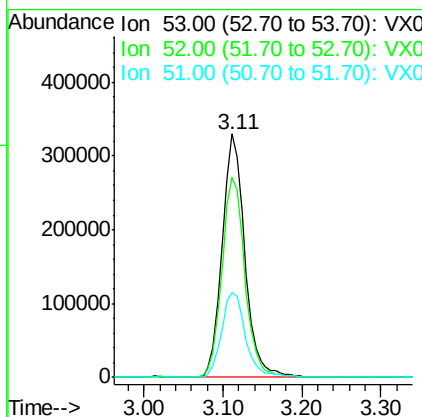
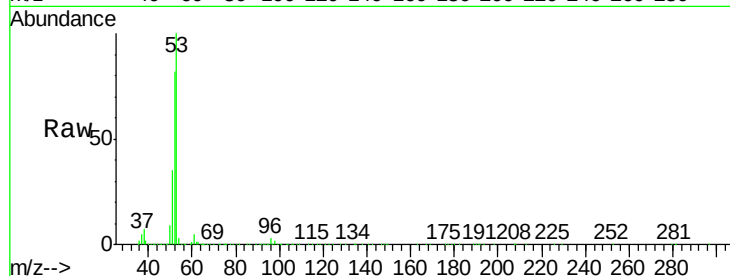
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	657952
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	99.8
51	37.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 207.452 ug/l

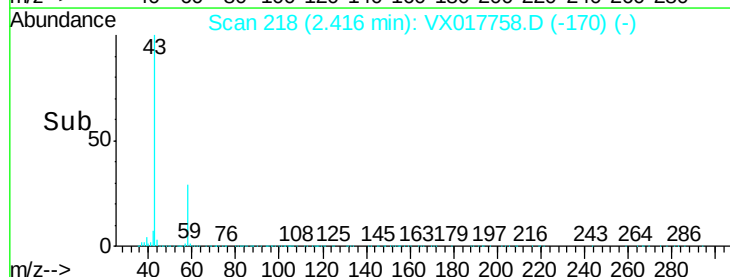
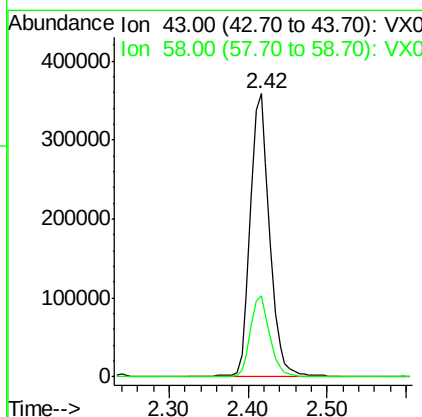
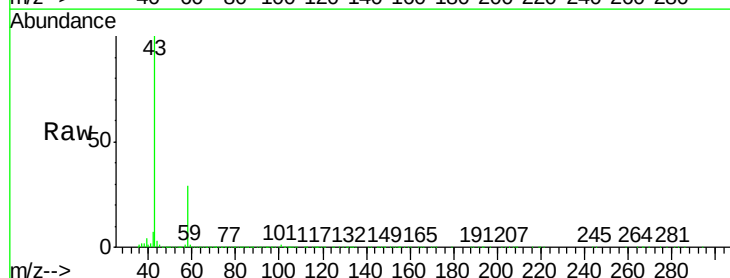
RT: 2.42 min Scan# 218

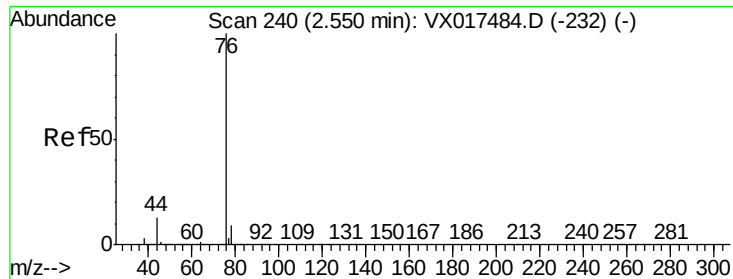
Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion:	43	Resp:	610931
Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4





#17

Carbon Disulfide

Concen: 39.817 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 651122

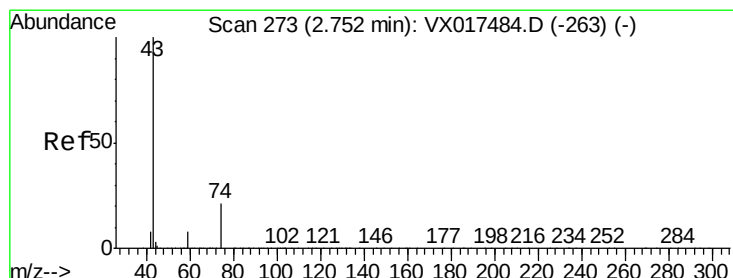
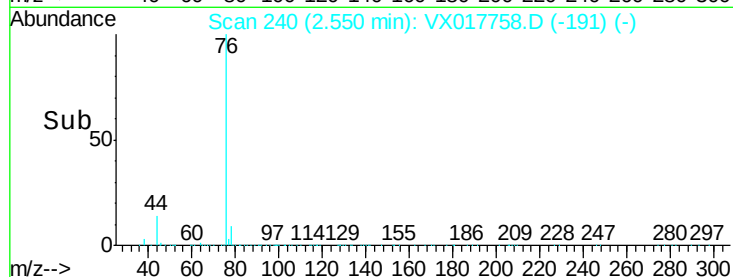
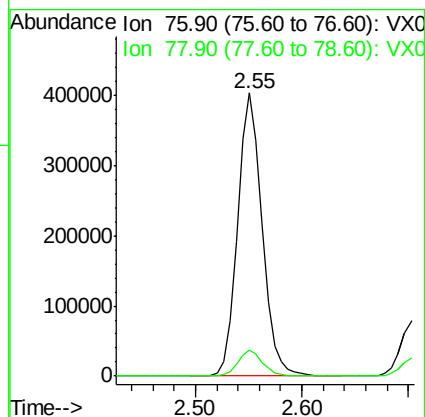
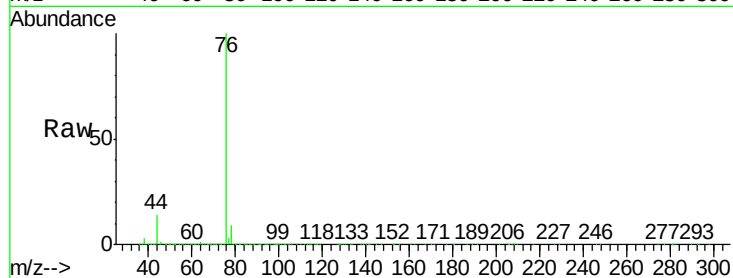
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

Manual Integrations
APPROVED

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#18

Methyl Acetate

Concen: 51.242 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017758.D

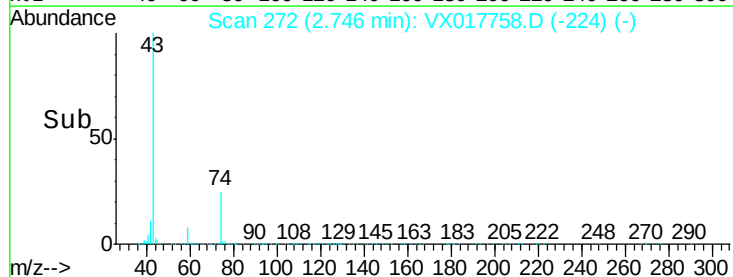
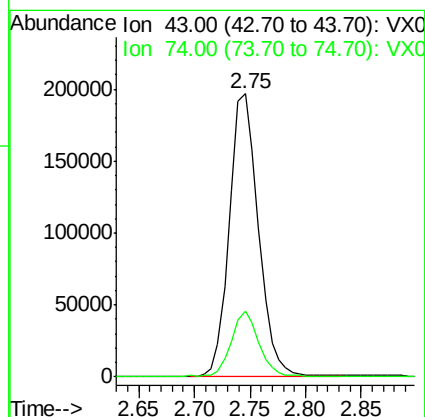
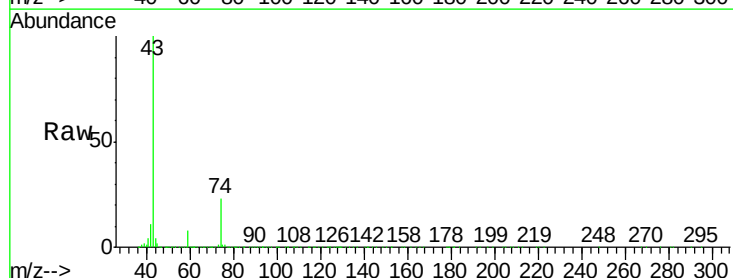
Acq: 04 Aug 2020 09:22

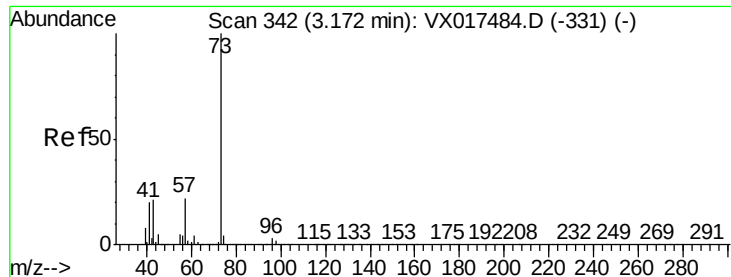
Tgt Ion: 43 Resp: 355399

Ion Ratio Lower Upper

43 100

74 22.5 17.5 26.3





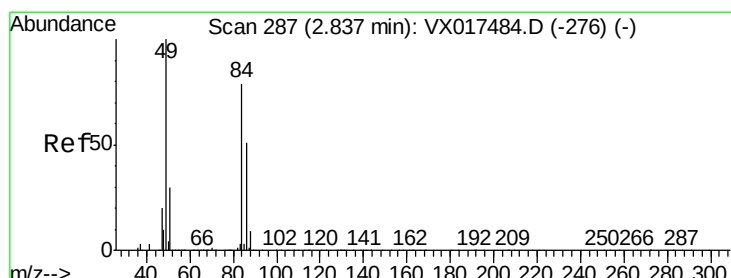
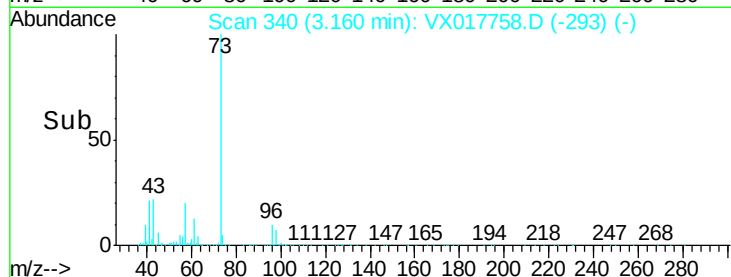
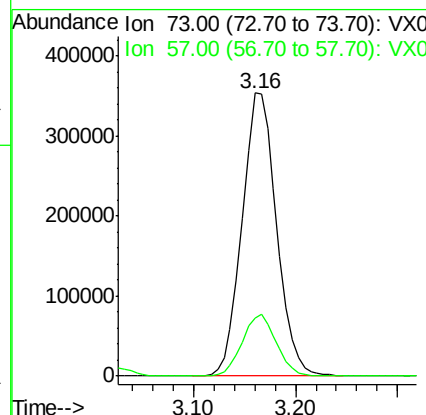
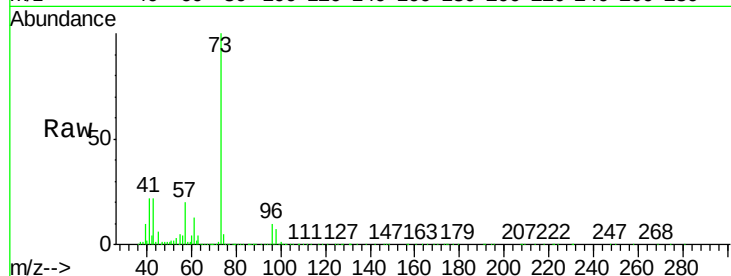
#19
Methyl tert-butyl Ether
Concen: 44.496 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.0	25.4

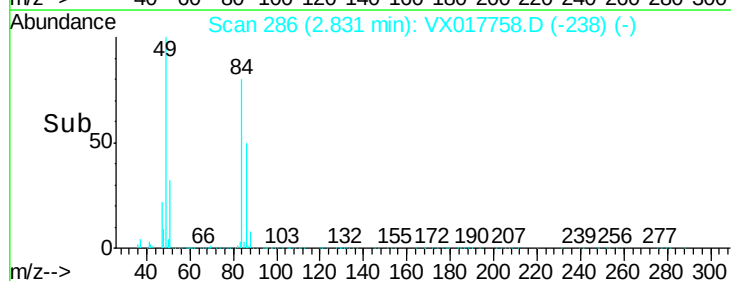
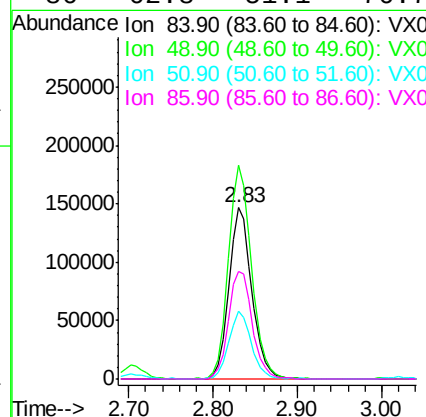
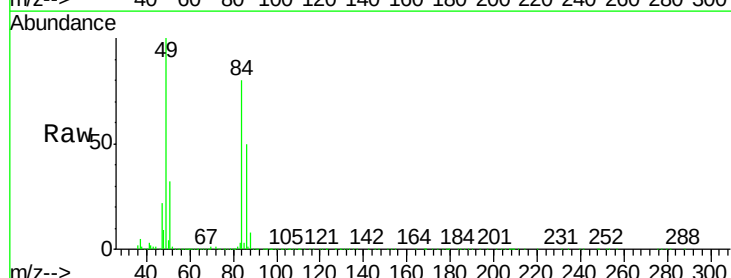
Manual Integrations
APPROVED

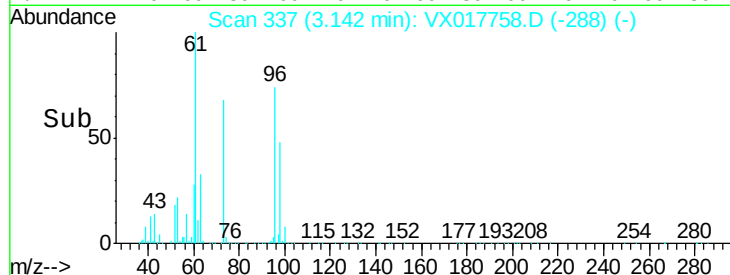
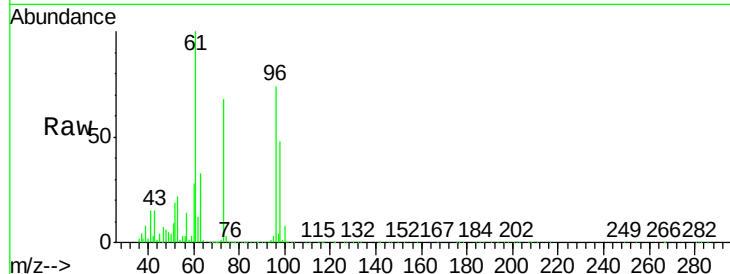
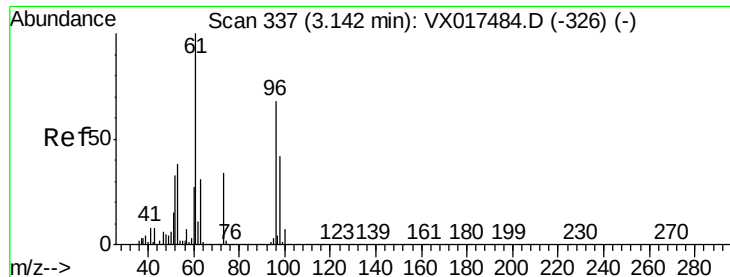
MMDadoda
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#20
Methylene Chloride
Concen: 49.257 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.6	100.3	150.5
51	39.6	30.5	45.7
86	62.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 43.878 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017758.D

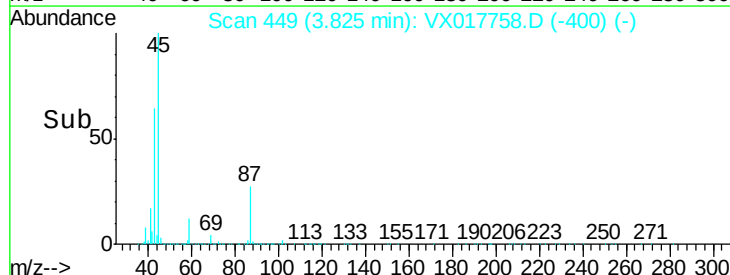
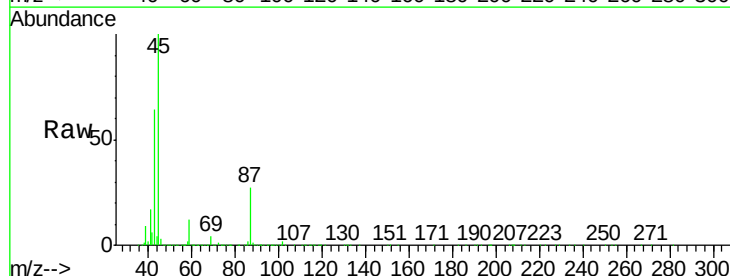
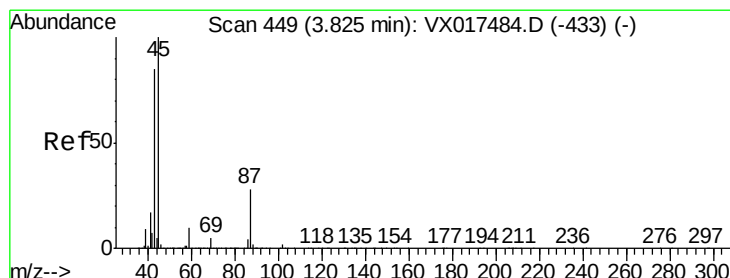
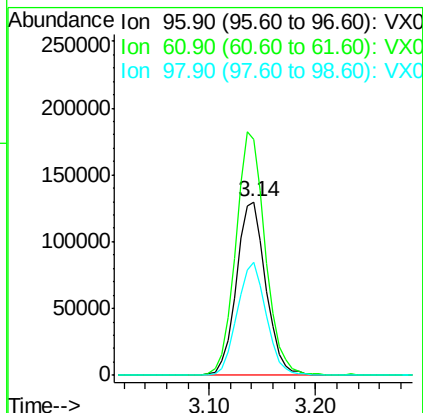
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.8	113.0	169.4
98	65.3	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.809 ug/l

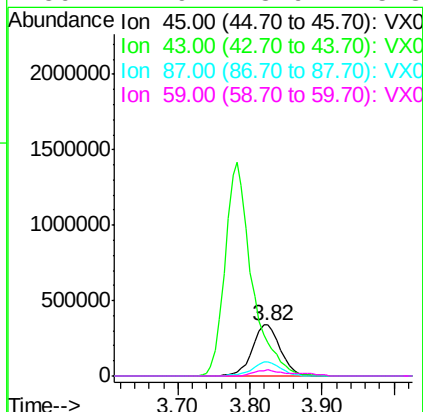
RT: 3.82 min Scan# 449

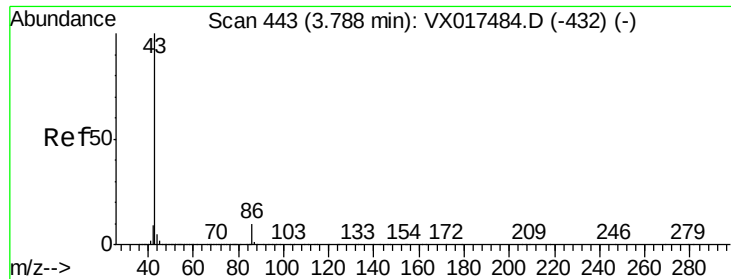
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	52.0	78.0
87	27.1	22.2	33.4
59	11.9	8.9	13.3





#23

Vinyl Acetate

Concen: 228.988 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3667501

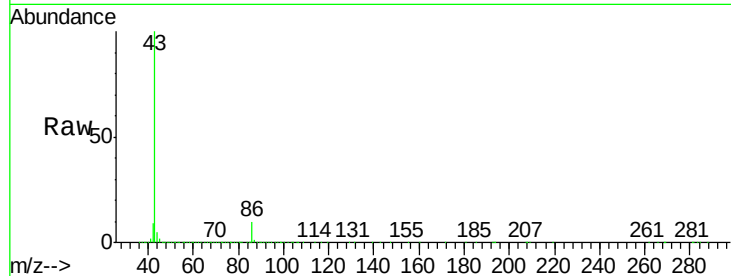
Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4

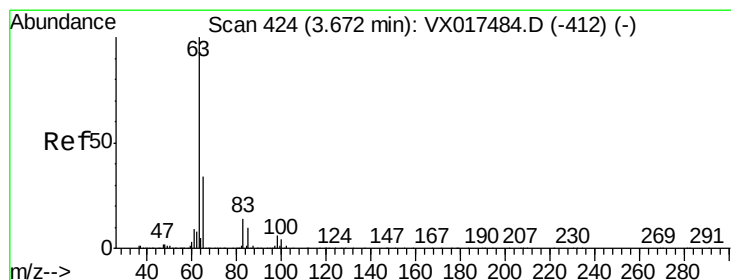
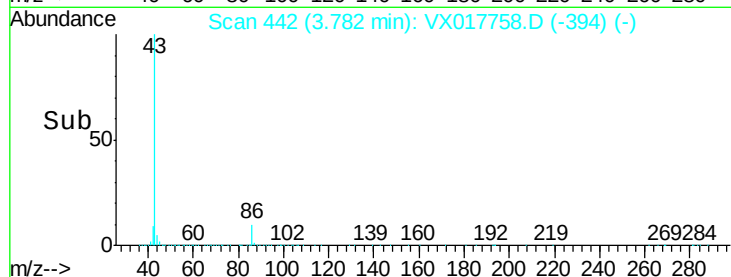
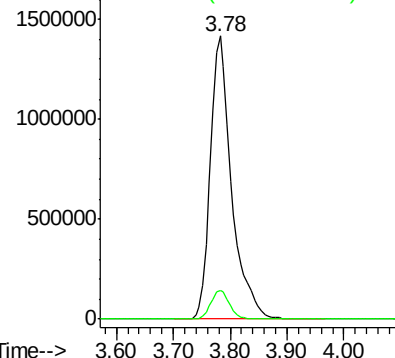
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.271 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

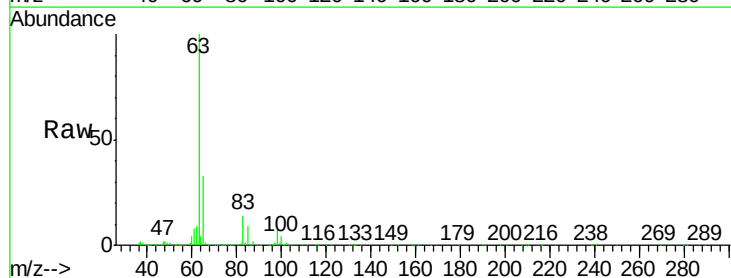
Tgt Ion: 63 Resp: 468445

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

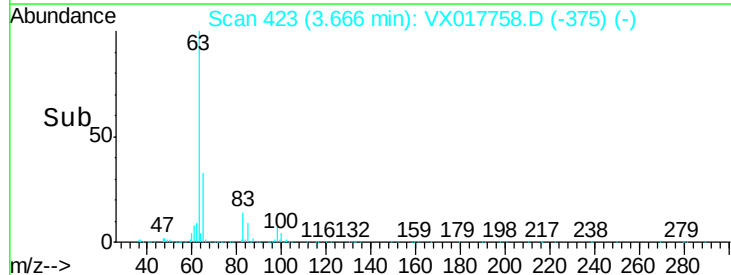
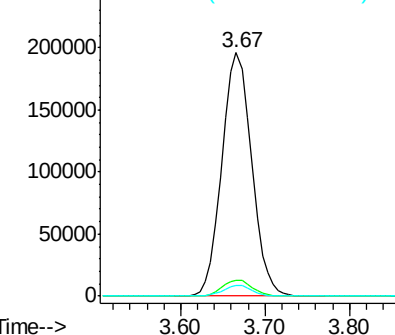
100 4.2 1.9 5.7

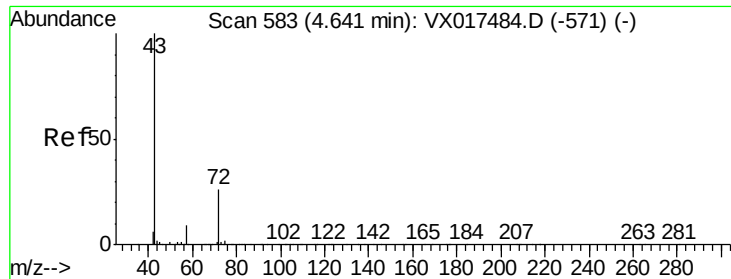


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.191 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 942104

Ion Ratio Lower Upper

43 100

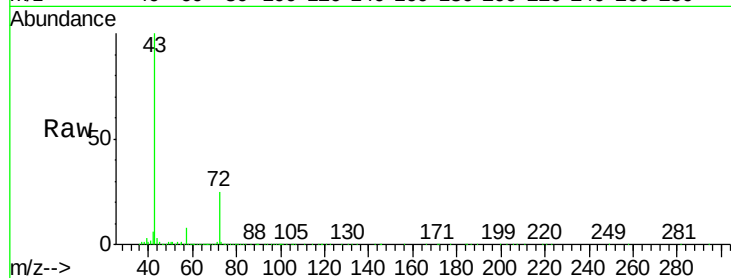
72 25.0 19.0 28.4

Manual Integrations

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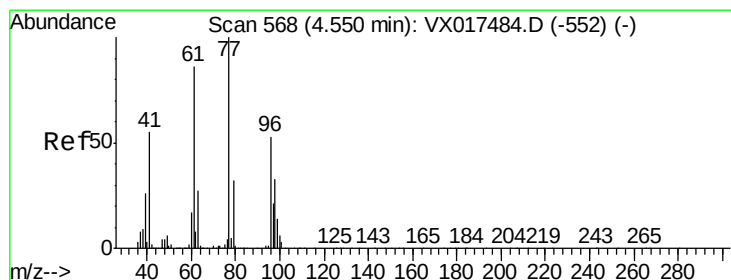
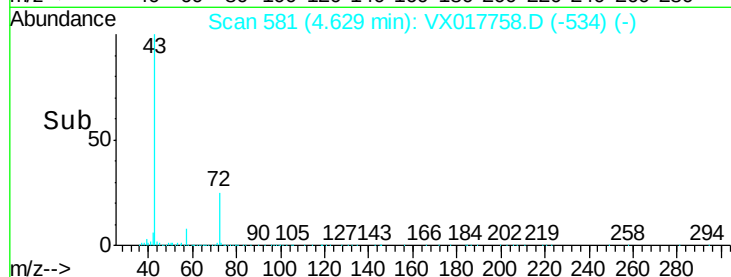
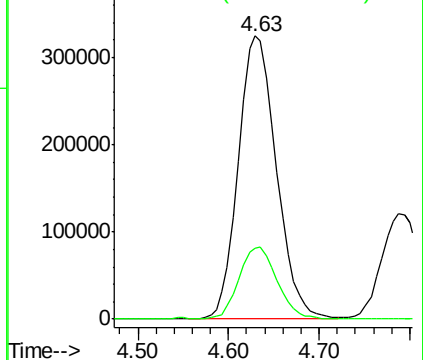
MMDadoda

8/5/2020 2:51:14 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.572 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017758.D

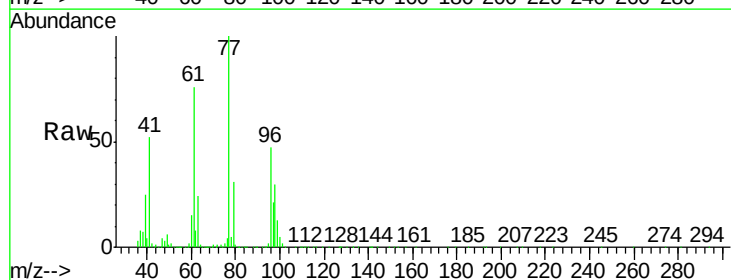
Acq: 04 Aug 2020 09:22

Tgt Ion: 77 Resp: 468429

Ion Ratio Lower Upper

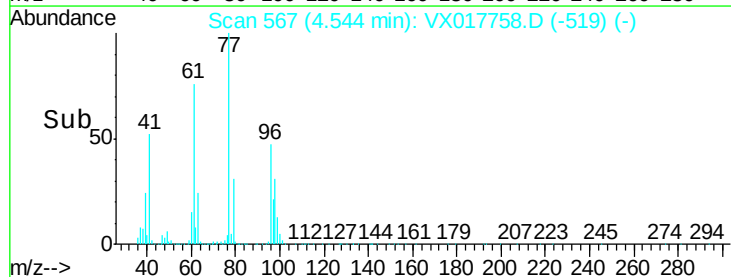
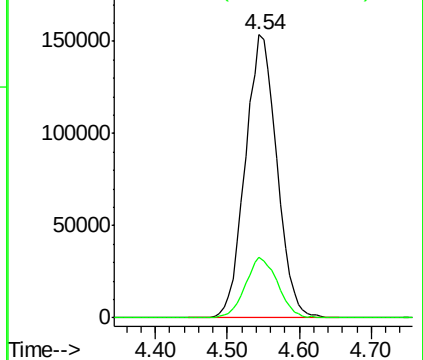
77 100

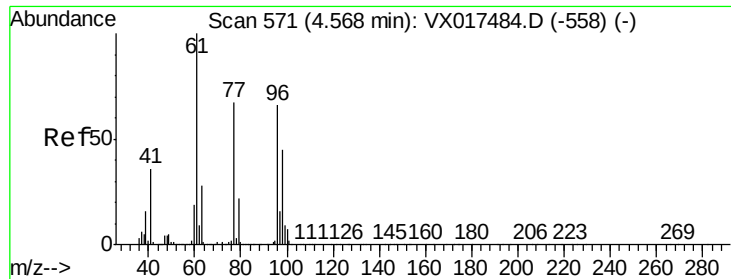
97 21.9 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.035 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX017758.D

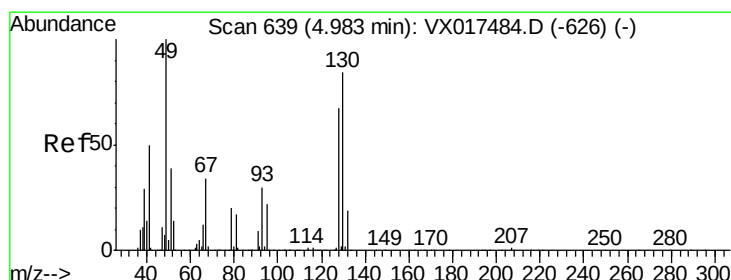
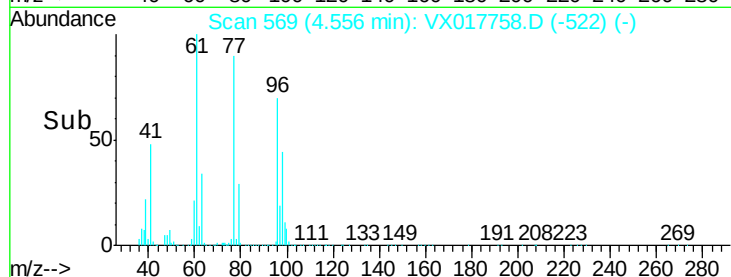
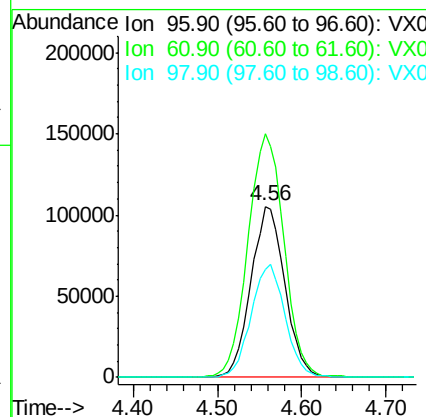
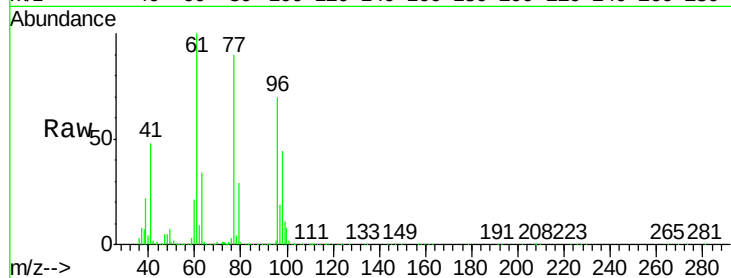
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	288191		
61	150.5	0.0	301.2	
98	66.1	0.0	130.0	

Manual Integrations
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#28

Bromochloromethane

Concen: 45.800 ug/l

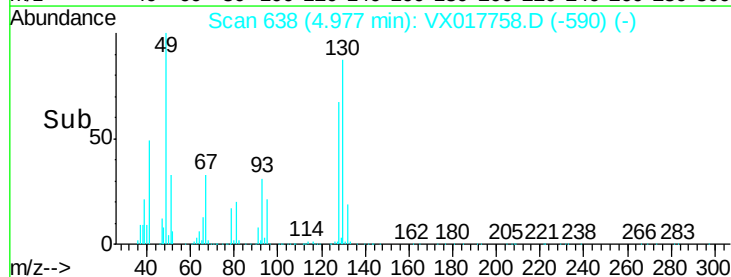
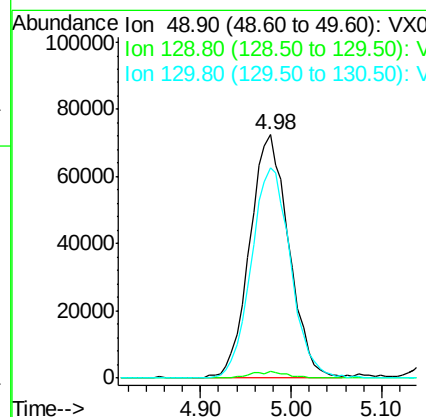
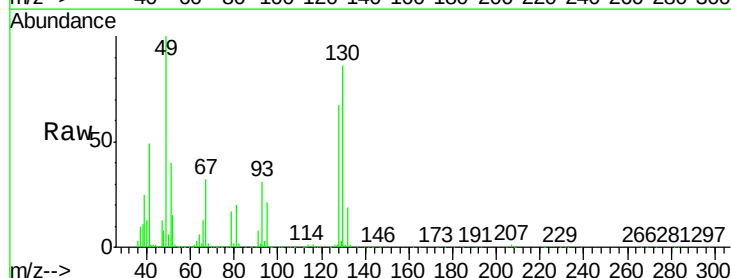
RT: 4.98 min Scan# 638

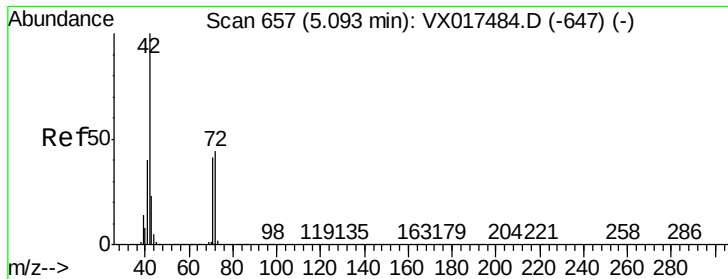
Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	214763		
129	2.5	0.0	4.6	
130	88.0	66.7	100.1	





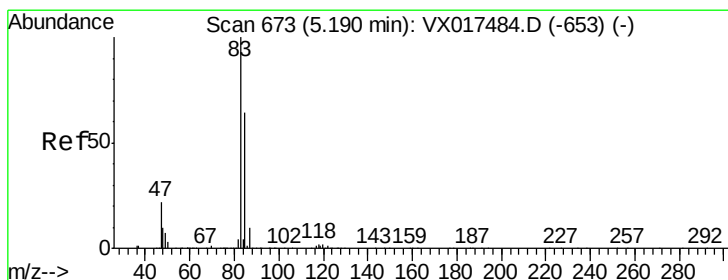
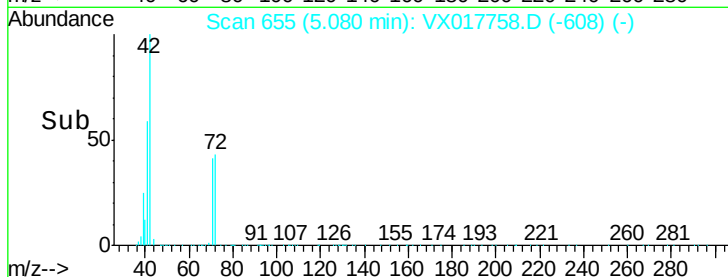
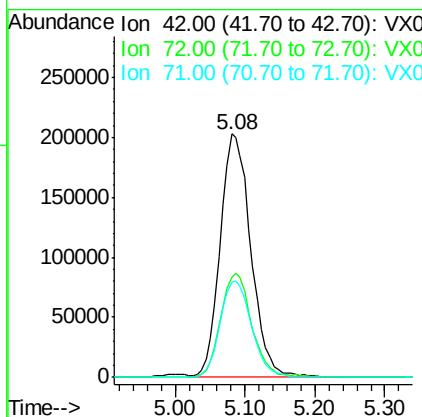
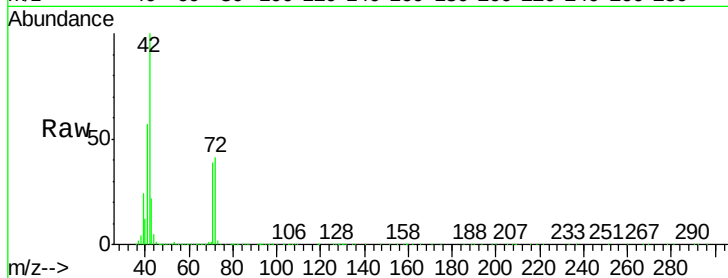
#29
Tetrahydrofuran
Concen: 236.312 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.5	53.3
71	40.6	33.0	49.4

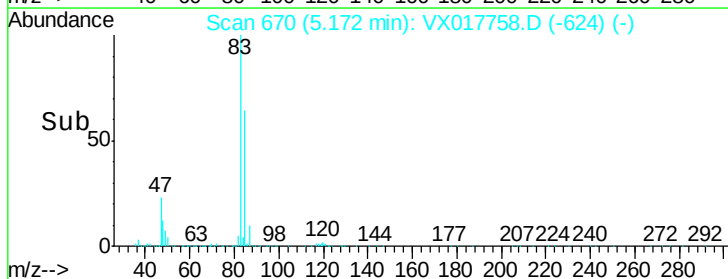
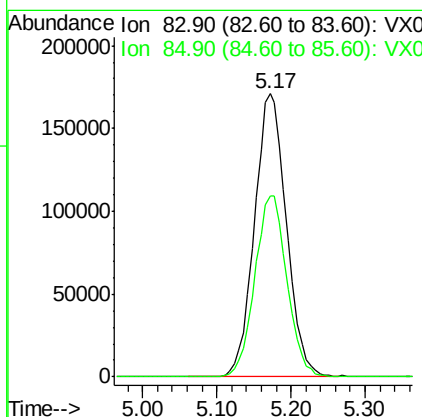
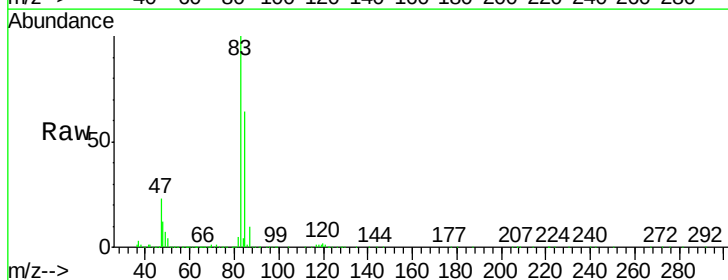
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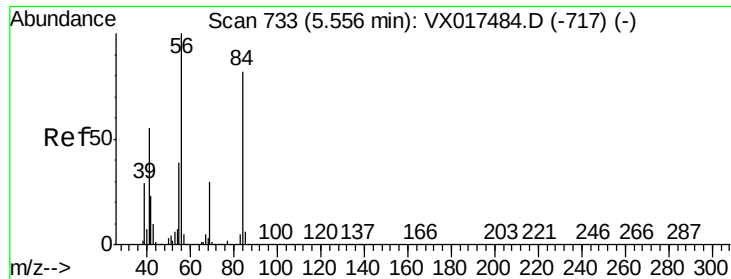
MMDadoda
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#30
Chloroform
Concen: 48.495 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2





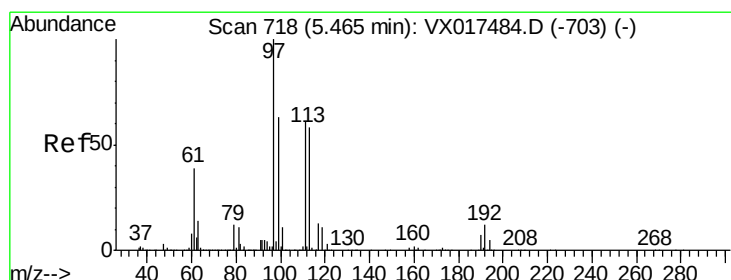
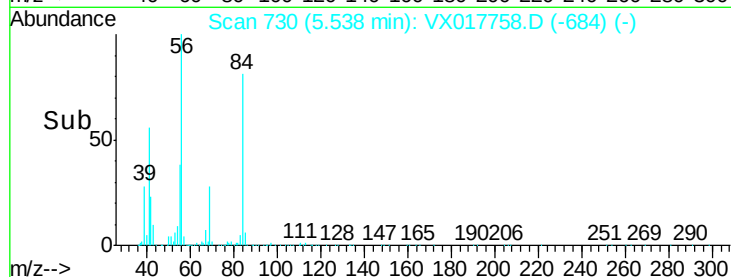
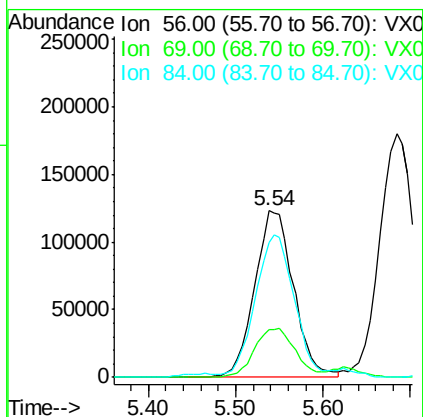
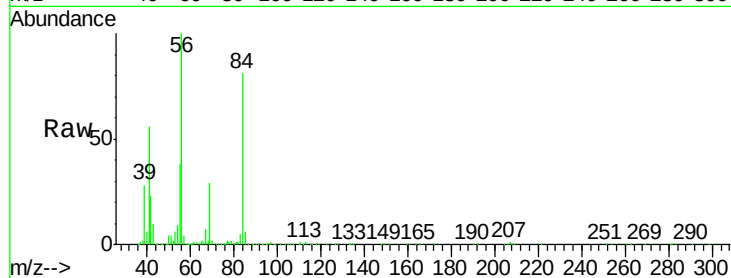
#31
Cyclohexane
Concen: 45.875 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.02 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.2	36.4
84	79.1	69.0	103.6

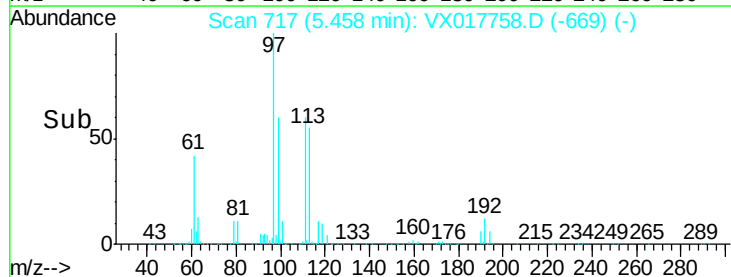
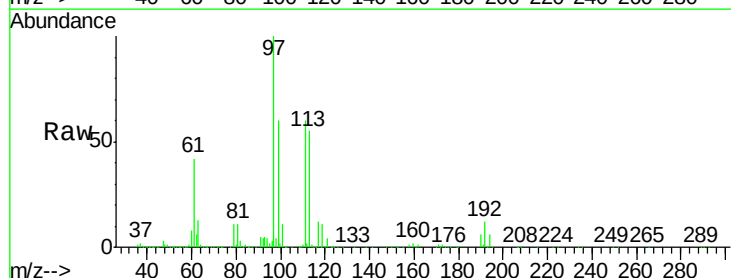
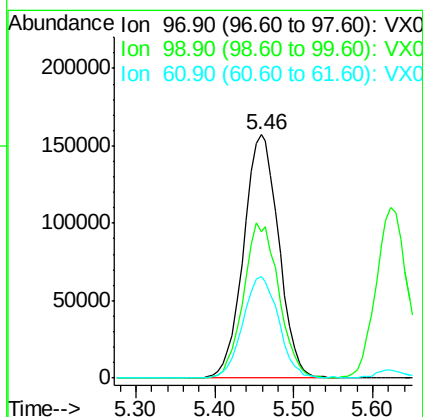
Manual Integrations
APPROVED

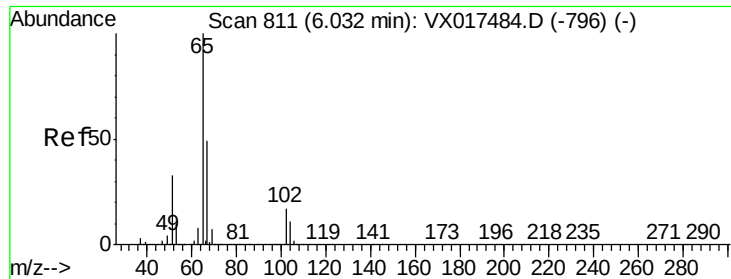
MMDadoda
8/5/2020 2:51:14 PM



#32
1,1,1-Trichloroethane
Concen: 48.763 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	42.5	34.1	51.1





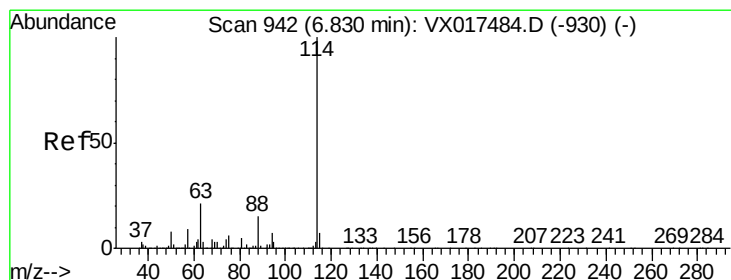
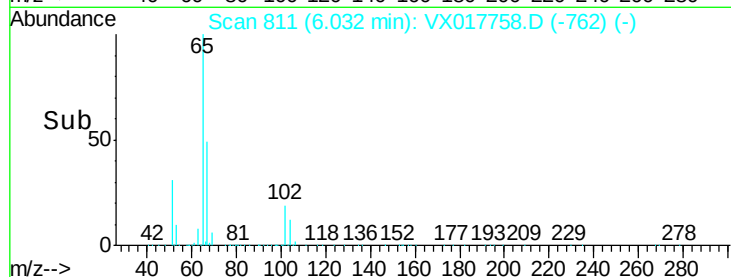
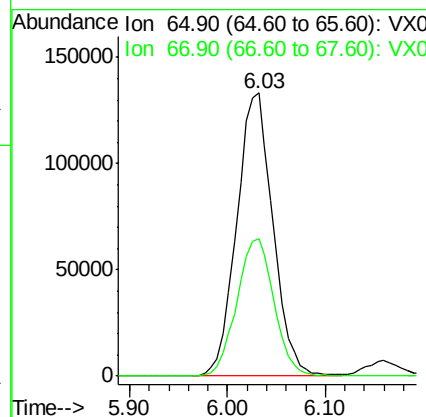
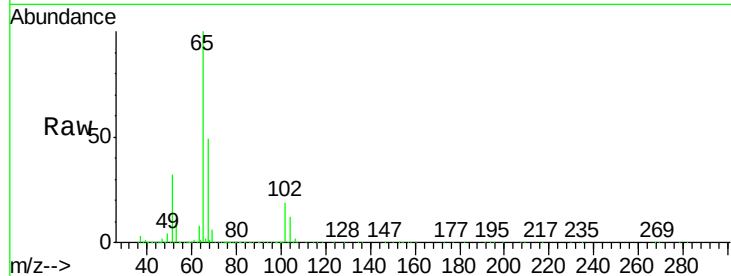
#33
 1,2-Dichloroethane-d4
 Concen: 51.108 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	341963		
67	49.9	0.0	102.8	

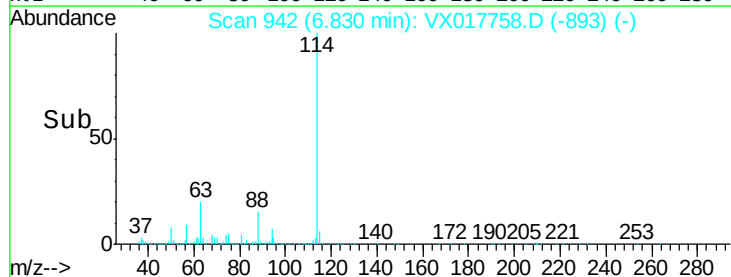
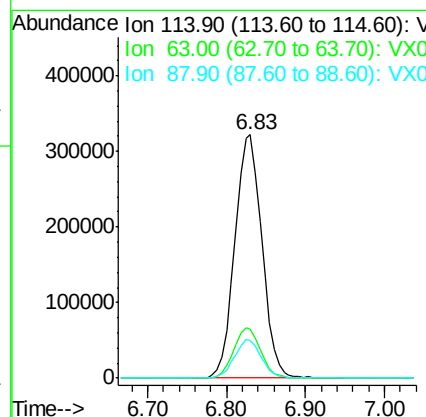
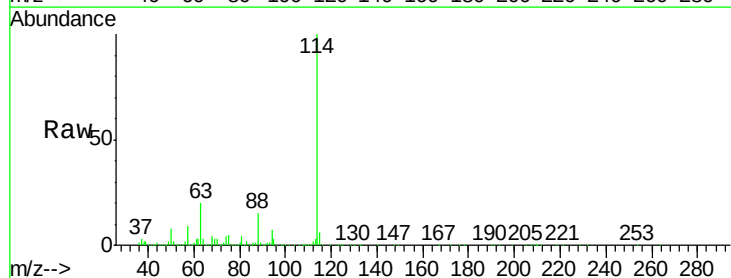
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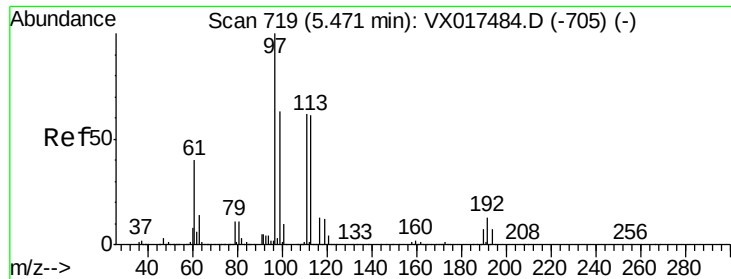
MMDadoda
 8/5/2020 2:51:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	770233		
63	20.3	0.0	40.6	
88	15.2	0.0	33.4	





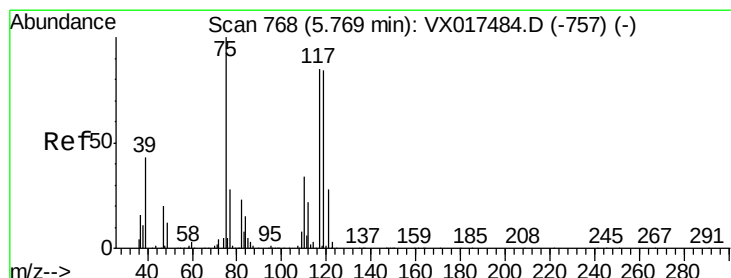
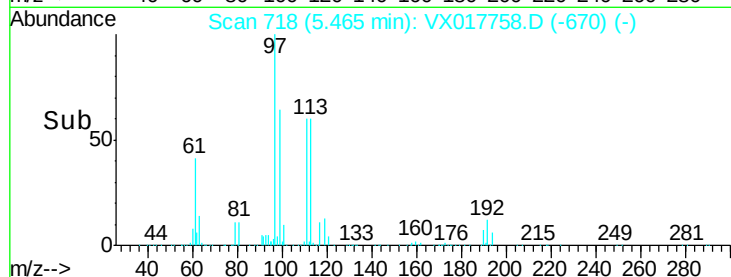
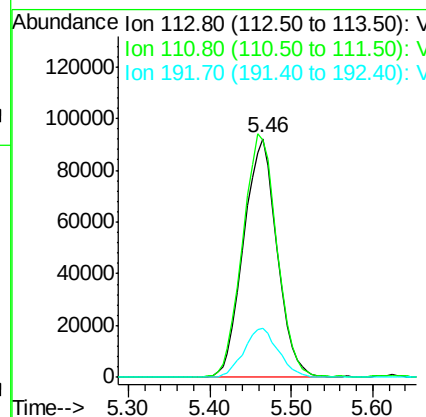
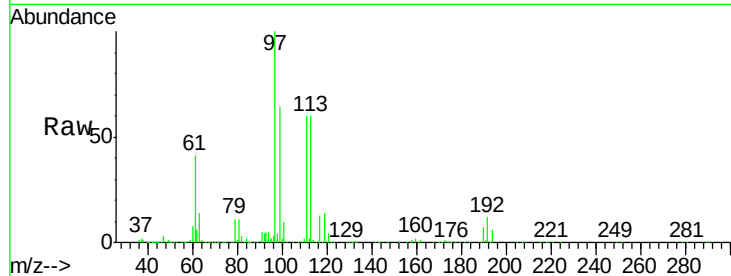
#35
 Dibromofluoromethane
 Concen: 51.239 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	263952		
111	104.4	80.7	121.1	
192	21.0	16.9	25.3	

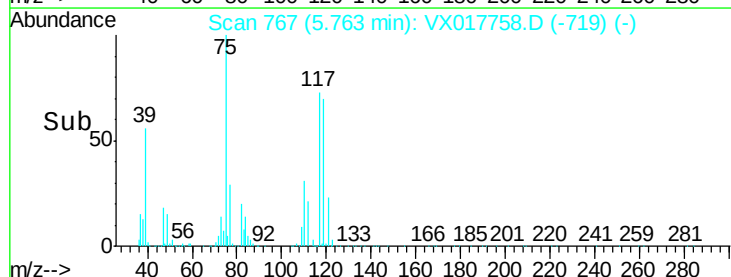
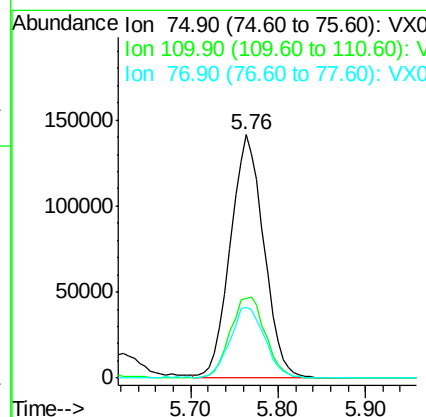
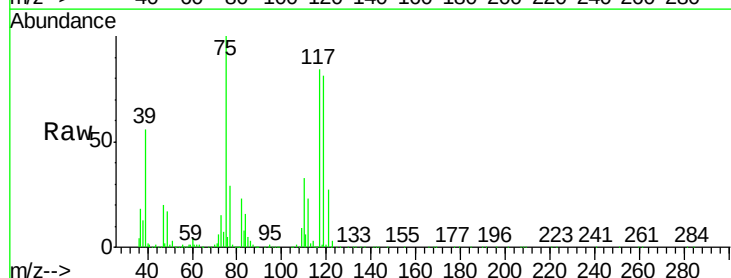
Manual Integrations
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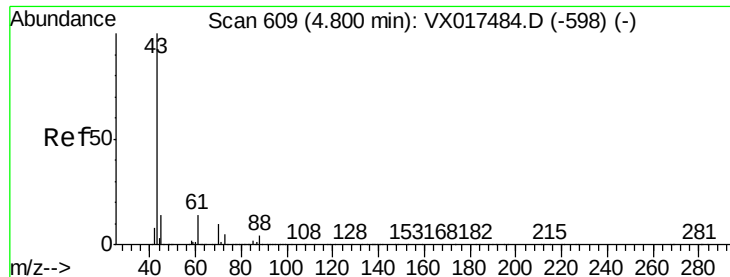
MMDadoda
 8/5/2020 2:51:14 PM



#36
 1,1-Dichloropropene
 Concen: 50.702 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	374548		
110	35.2	18.1	54.3	
77	30.4	24.6	37.0	





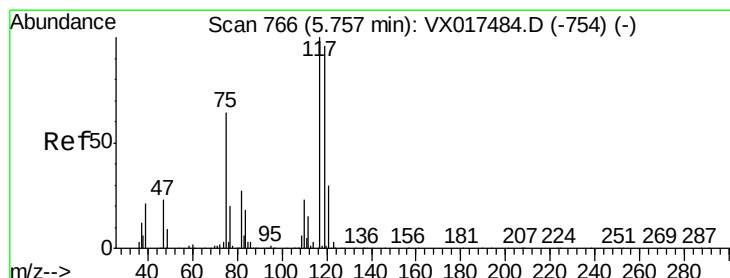
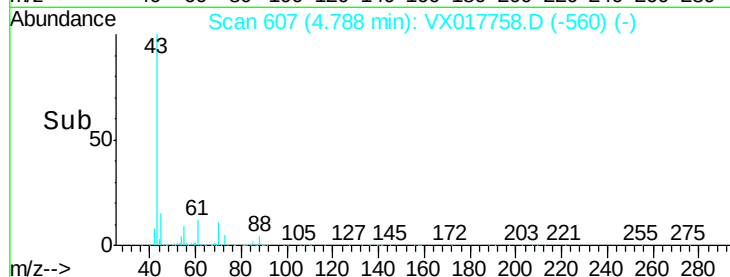
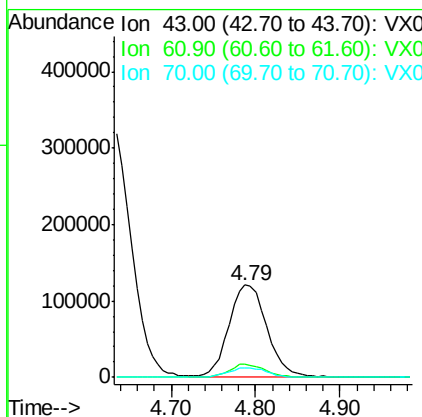
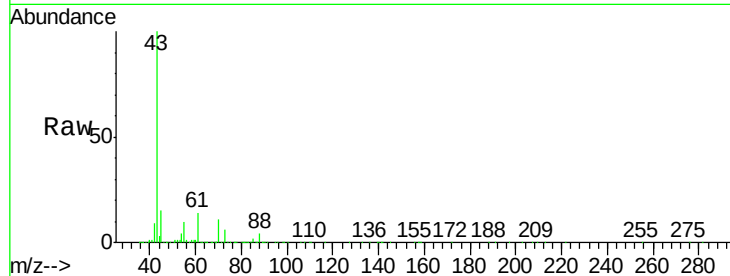
#37
Ethyl Acetate
Concen: 45.403 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.7	16.1
70	10.8	8.5	12.7

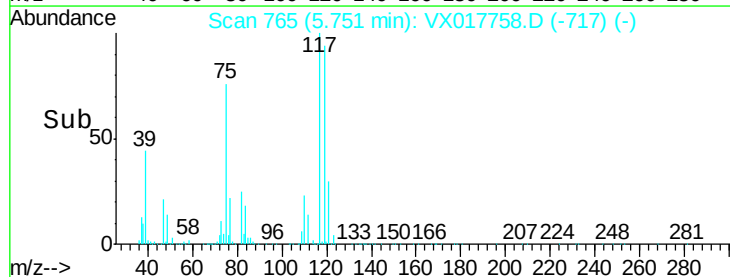
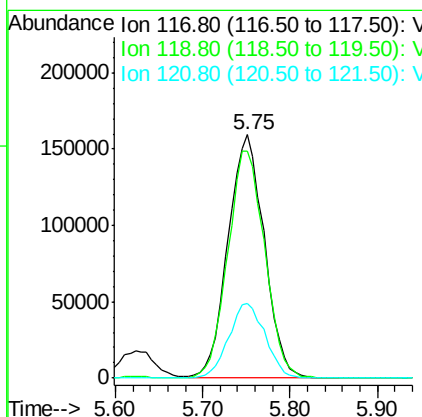
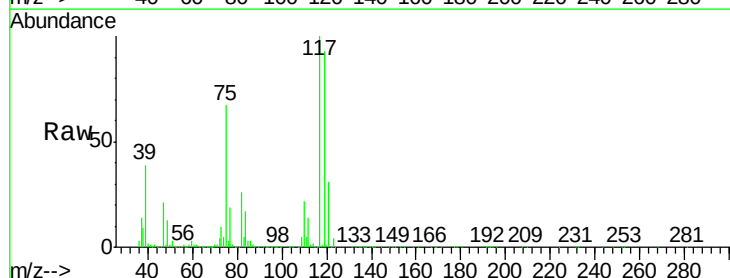
Manual Integrations
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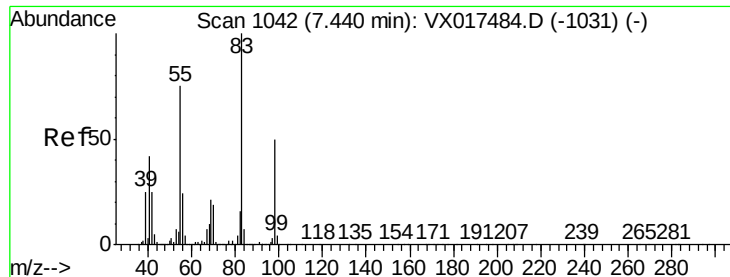
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.052 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.4	113.0
121	30.7	24.3	36.5





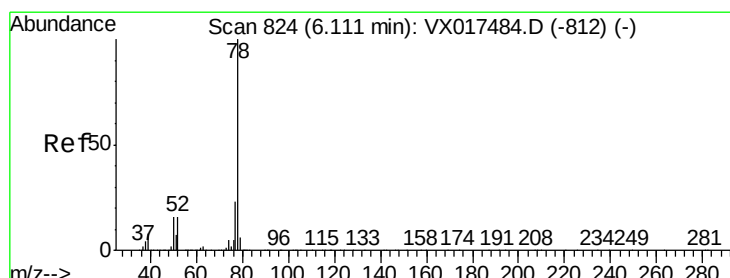
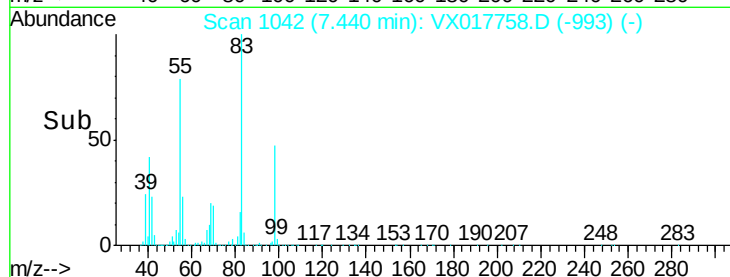
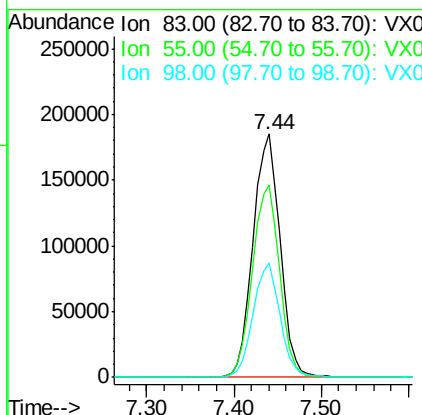
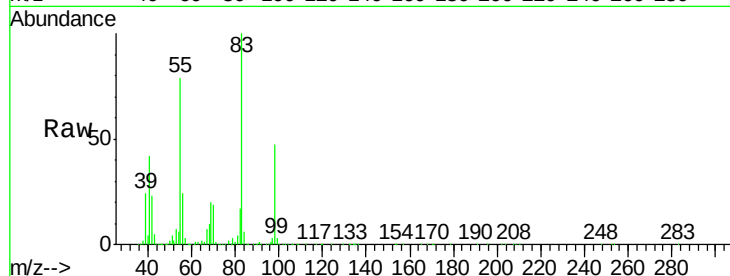
#39
Methylcyclohexane
Concen: 46.161 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.7	61.8	92.8
98	46.9	36.9	55.3

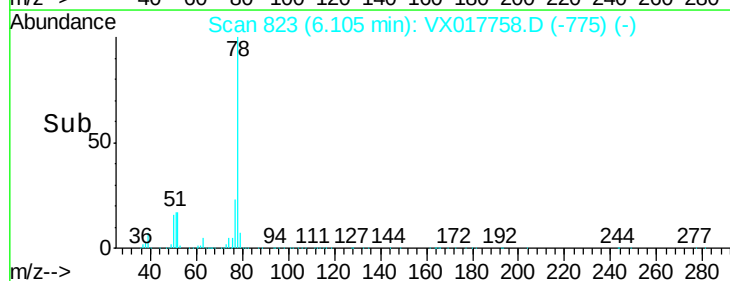
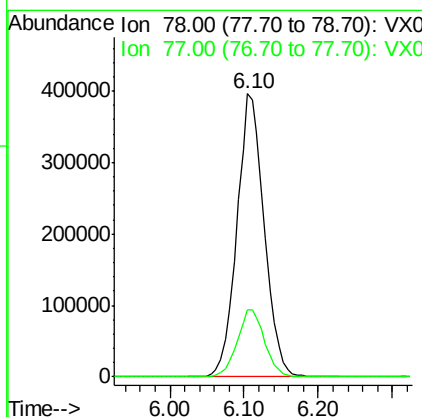
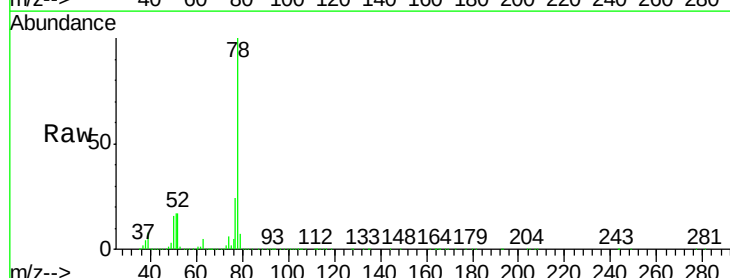
Manual Integrations
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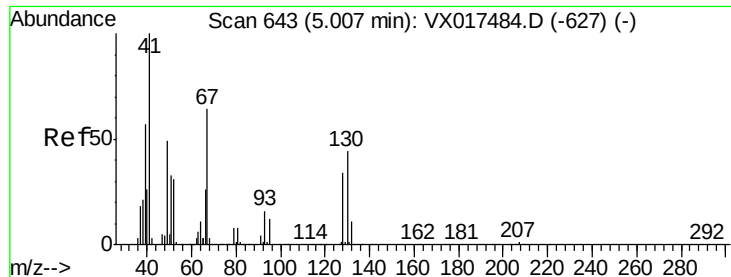
MMDadoda
8/5/2020 2:51:14 PM



#40
Benzene
Concen: 47.844 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2





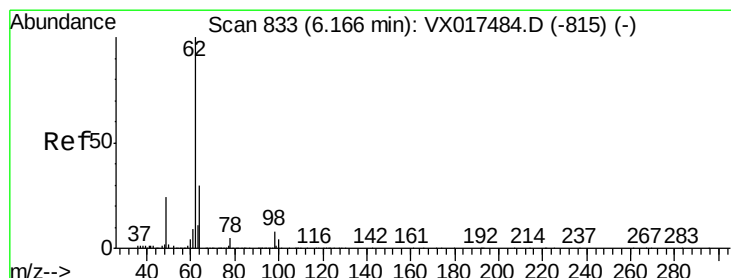
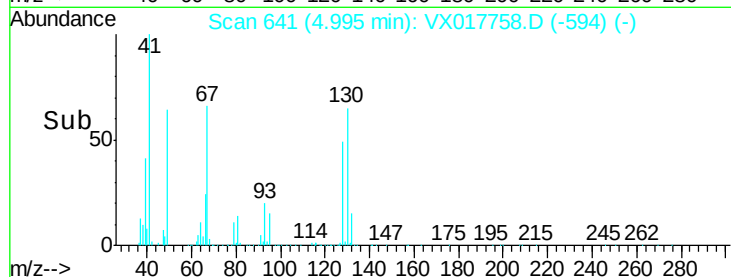
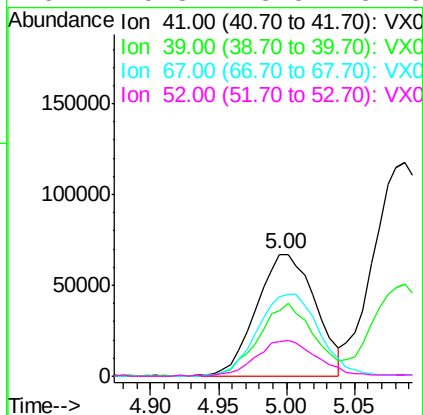
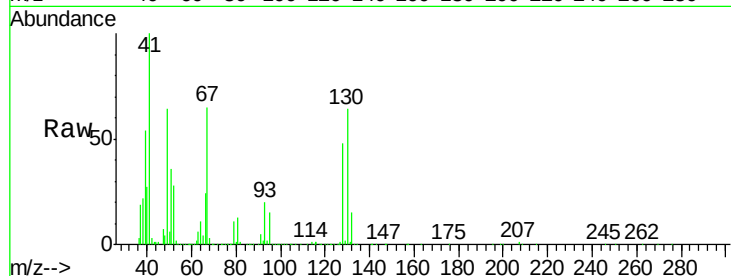
#41
Methacrylonitrile
Concen: 43.813 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.9	65.9
67	70.5	54.0	81.0
52	29.3	23.0	34.6

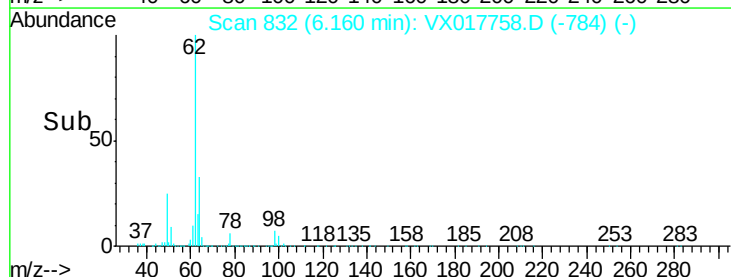
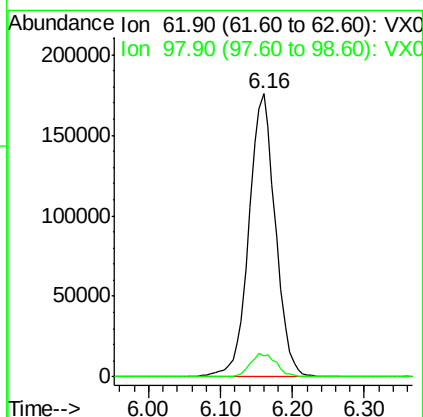
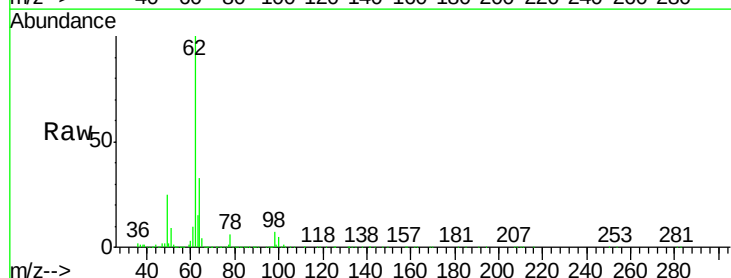
Manual Integrations
APPROVED

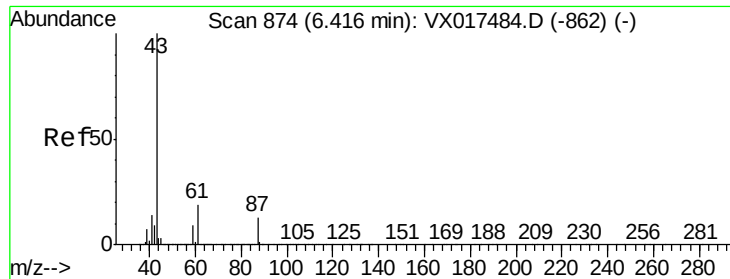
MMDadoda
8/5/2020 2:51:14 PM



#42
1,2-Dichloroethane
Concen: 51.736 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0





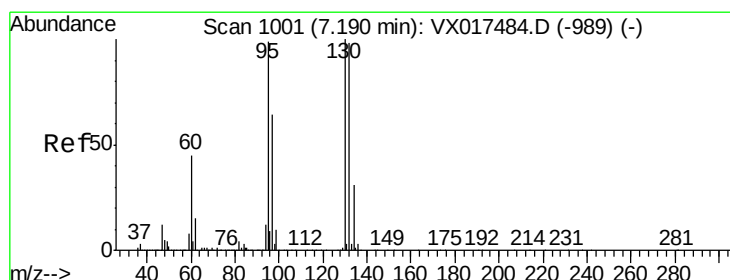
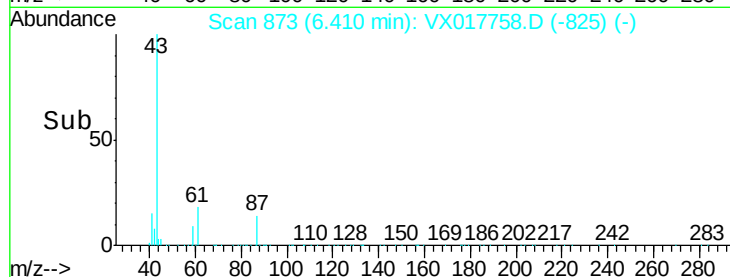
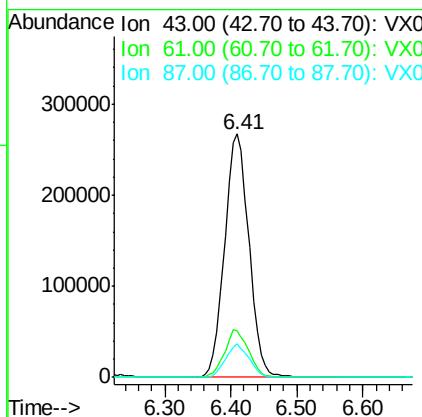
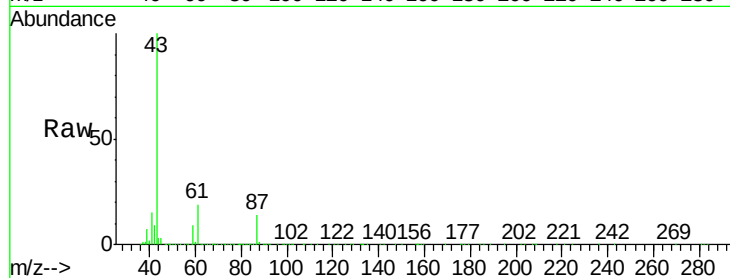
#43
Isopropyl Acetate
Concen: 50.803 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.2	10.5	15.7

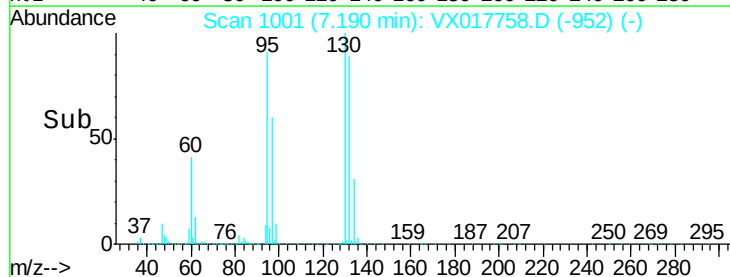
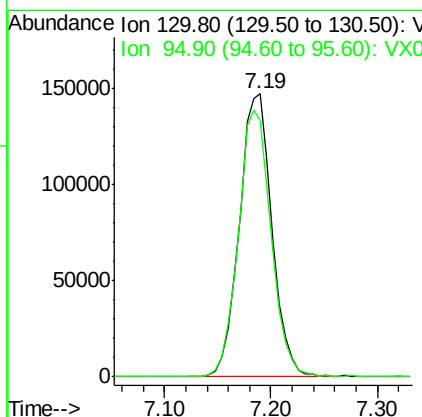
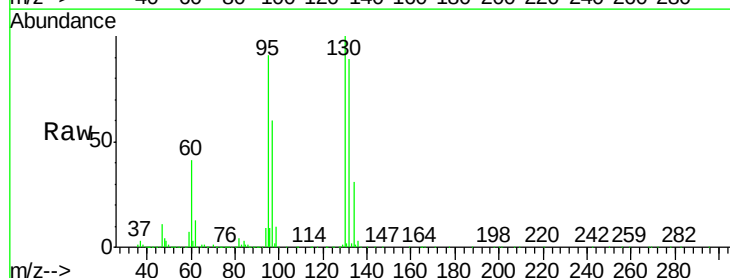
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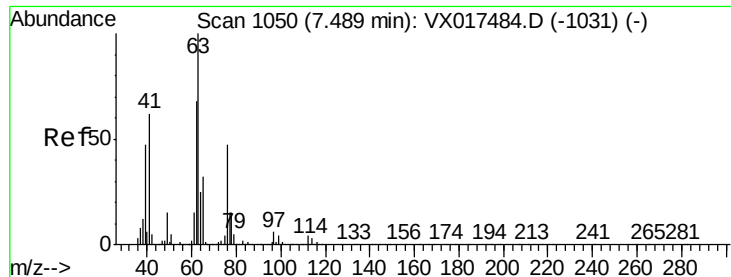
MMDadoda
8/5/2020 2:51:14 PM



#44
Trichloroethene
Concen: 51.174 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	189.0





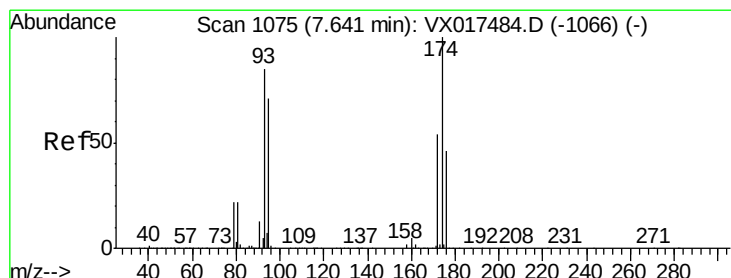
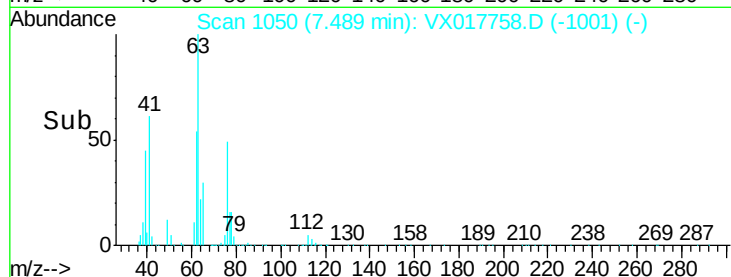
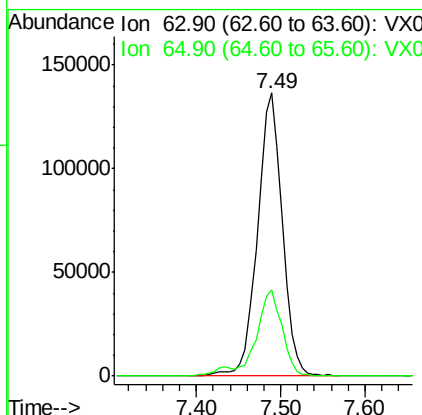
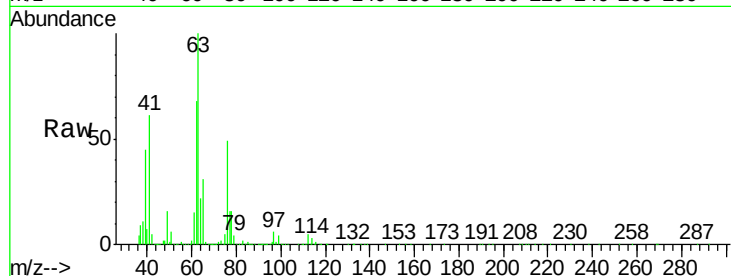
#45
 1,2-Dichloropropane
 Concen: 46.952 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.5	36.7

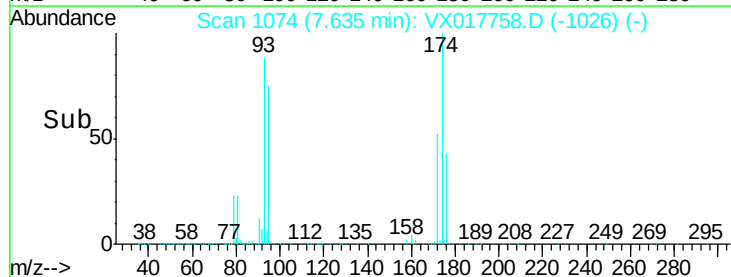
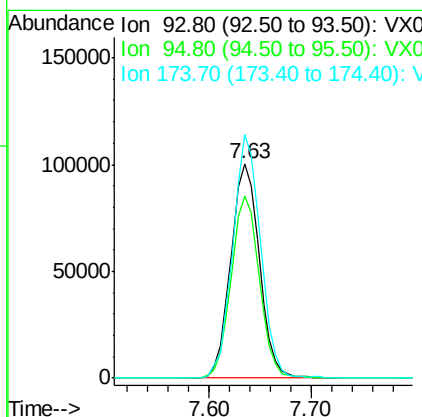
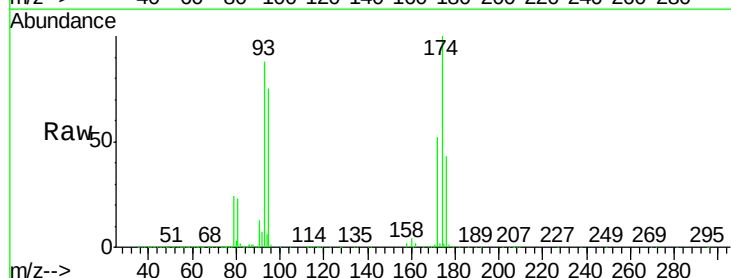
Manual Integrations
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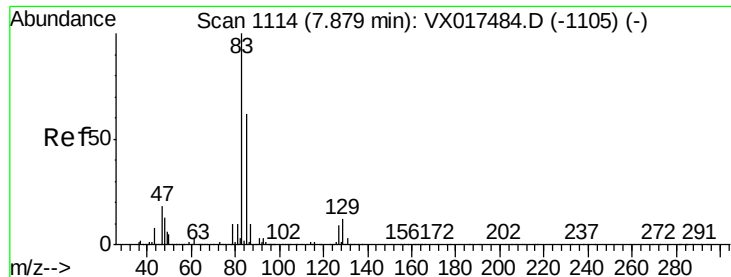
MMDadoda
 8/5/2020 2:51:14 PM



#46
 Dibromomethane
 Concen: 46.863 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.6	99.8
174	109.8	87.0	130.6





#47

Bromodichloromethane

Concen: 53.940 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

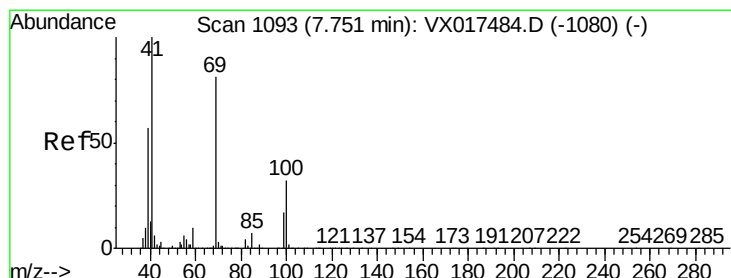
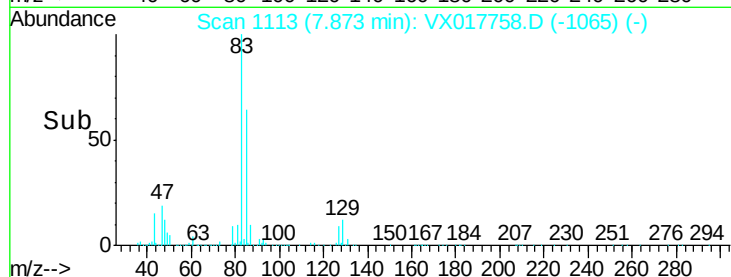
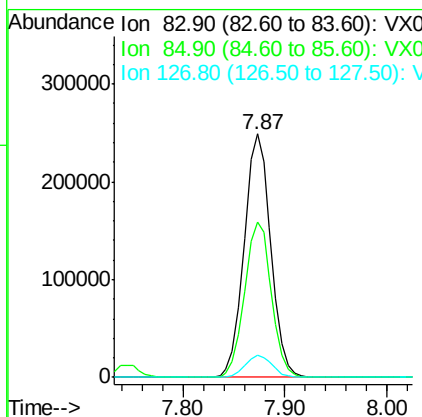
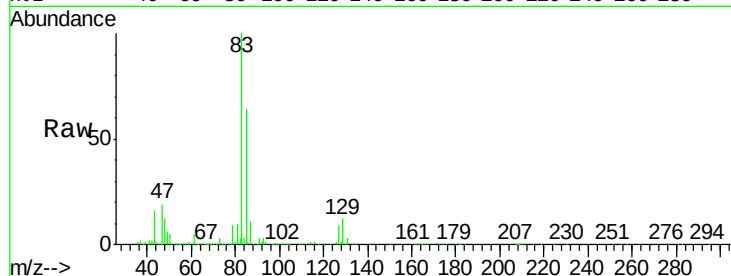
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	450327
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.8
127	9.0	7.4	11.2

Manual Integrations
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MMDadoda
8/5/2020 2:51:14 PM



#48

Methyl methacrylate

Concen: 46.409 ug/l

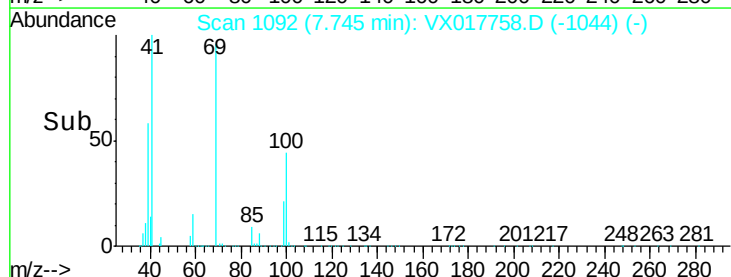
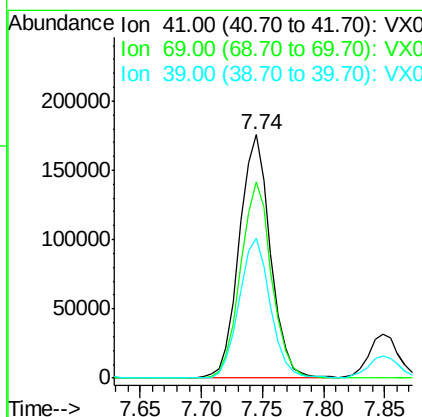
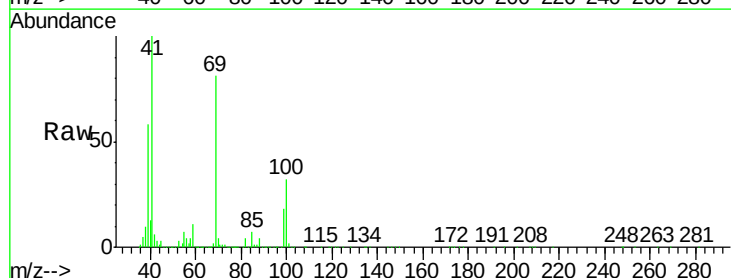
RT: 7.74 min Scan# 1092

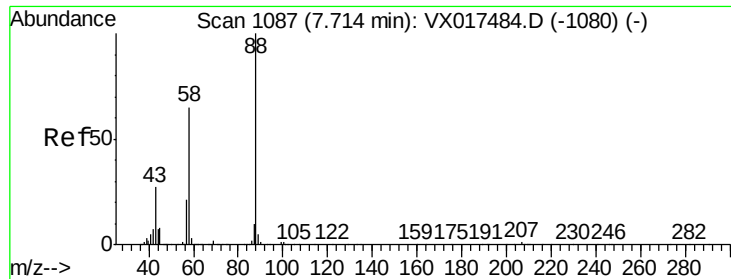
Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion:	41	Resp:	306794
Ion	Ratio	Lower	Upper
41	100		
69	81.5	63.1	94.7
39	58.3	45.1	67.7





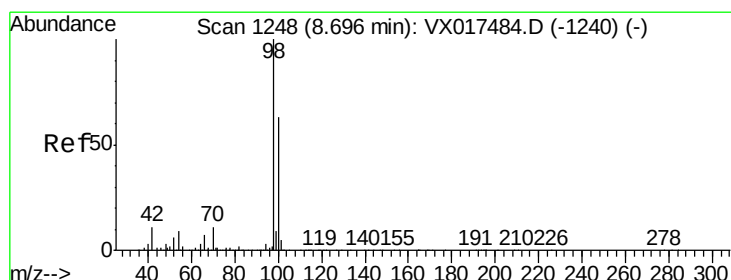
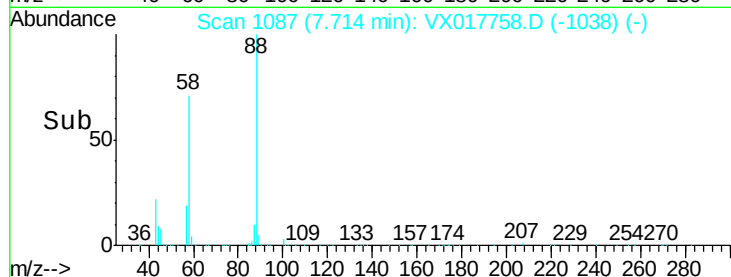
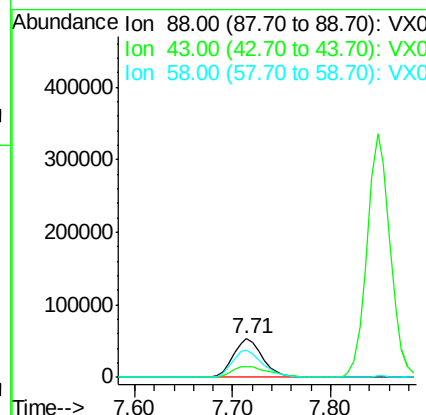
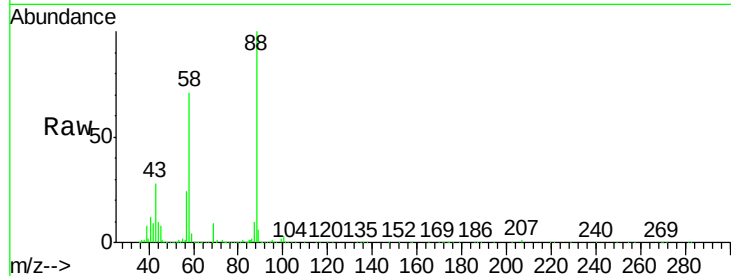
#49
1,4-Dioxane
Concen: 870.992 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.8	41.6
58	72.6	58.3	87.5

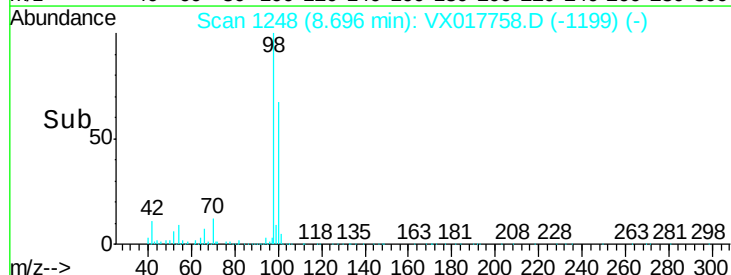
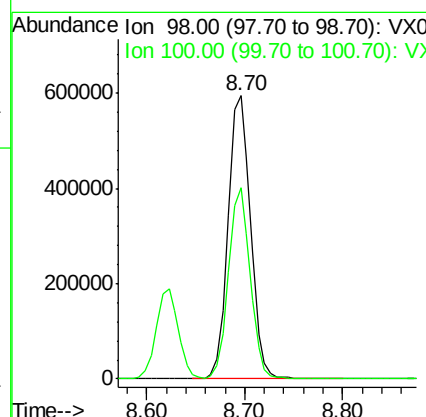
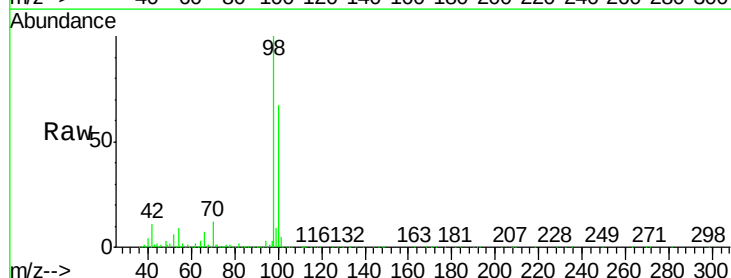
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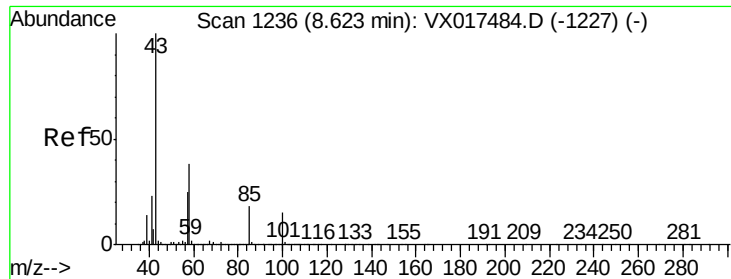
MMDadoda
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#50
Toluene-d8
Concen: 50.756 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 240.872 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1916654

Ion Ratio Lower Upper

43 100

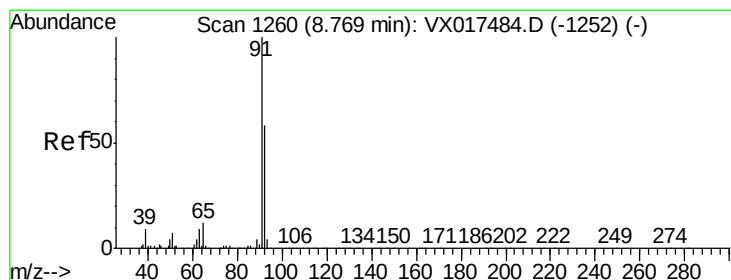
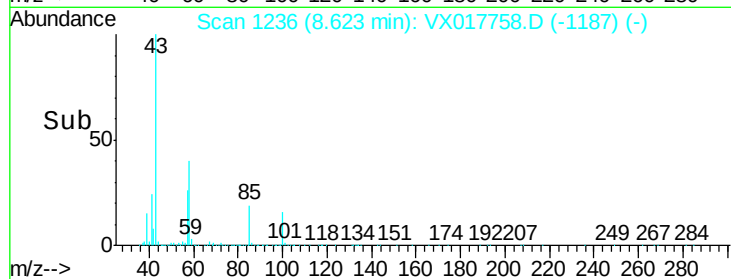
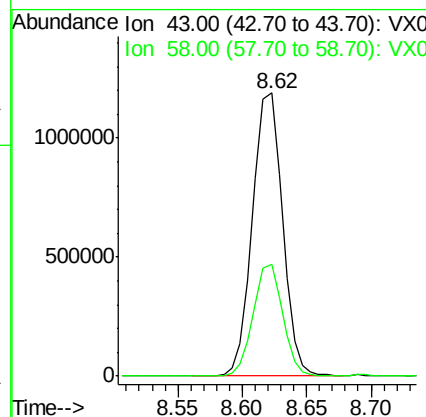
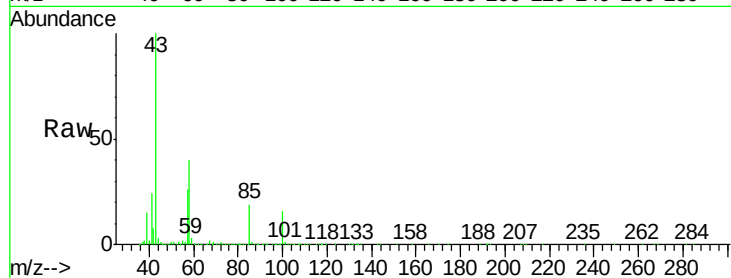
58 38.7 31.0 46.4

Manual Integrations

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#52

Toluene

Concen: 50.206 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017758.D

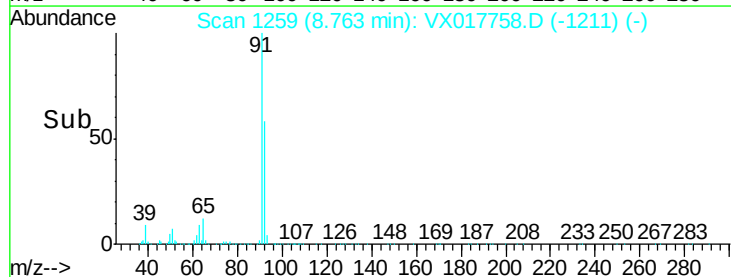
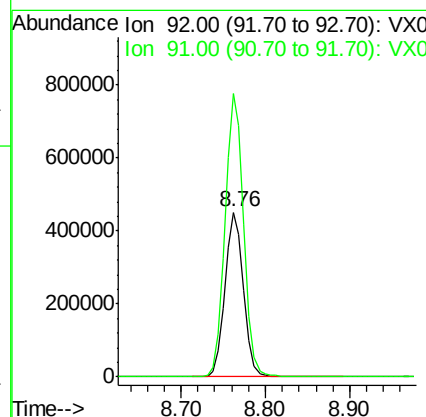
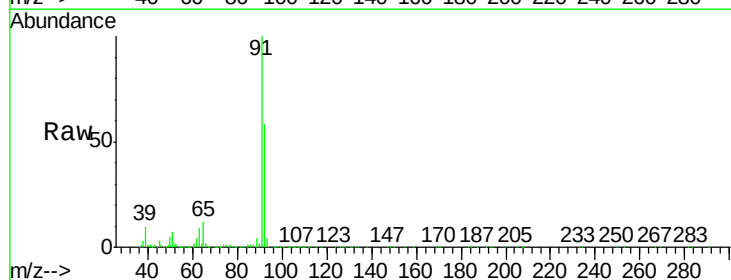
Acq: 04 Aug 2020 09:22

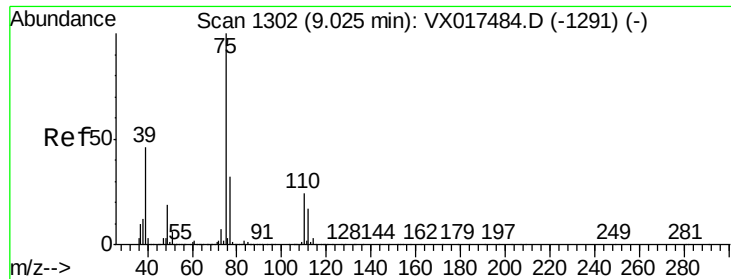
Tgt Ion: 92 Resp: 681922

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4





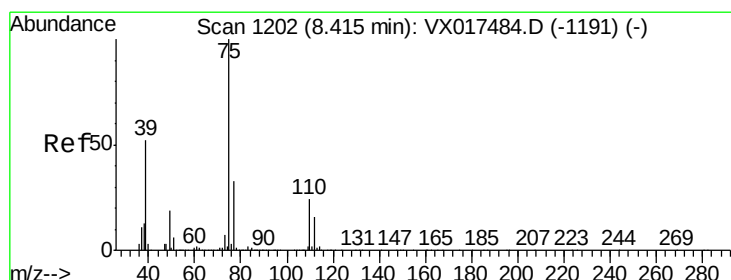
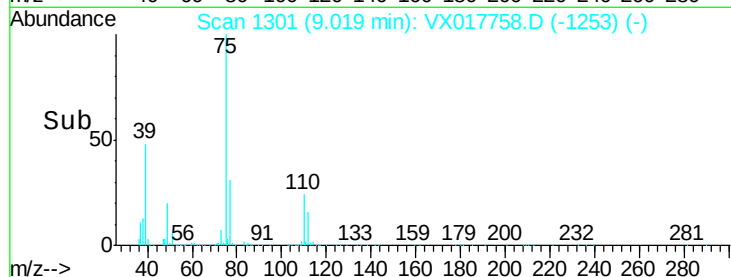
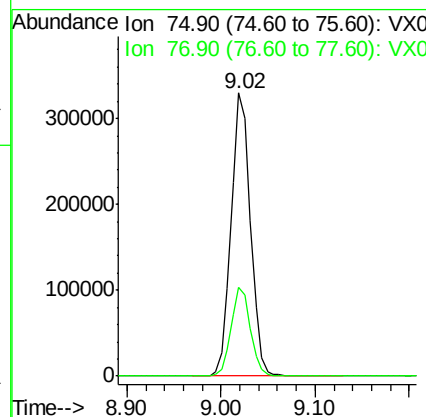
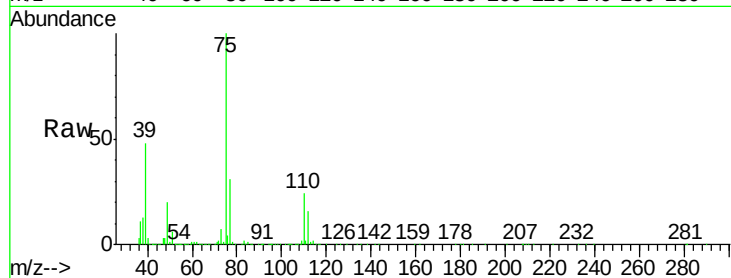
#53
t-1,3-Dichloropropene
Concen: 50.393 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 470961
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

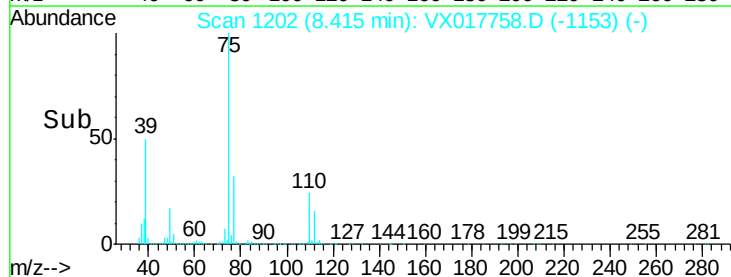
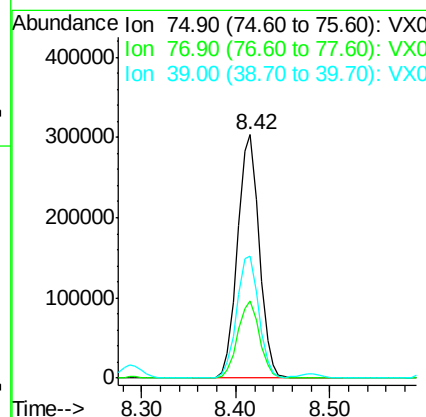
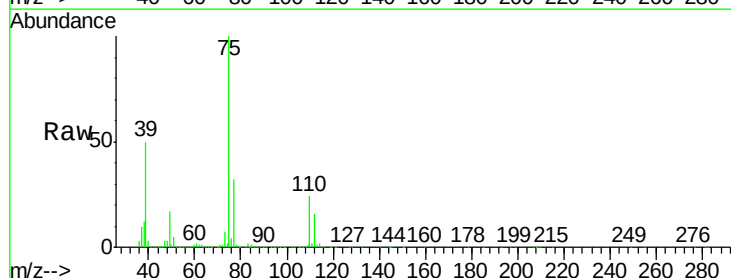
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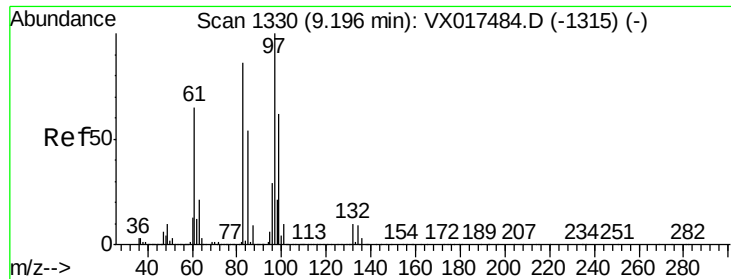
MMDadoda
8/5/2020 2:51:14 PM



#54
cis-1,3-Dichloropropene
Concen: 50.972 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 75 Resp: 485890
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 50.2 41.8 62.8





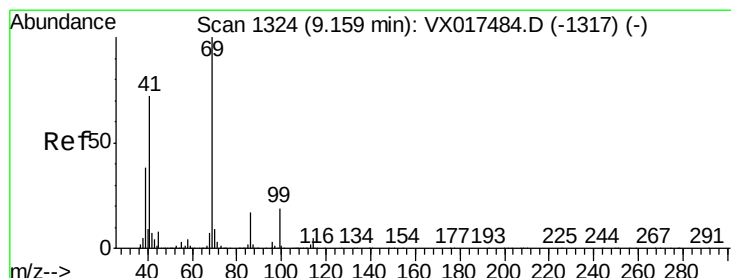
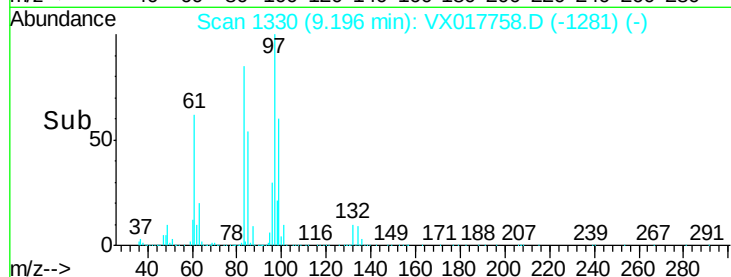
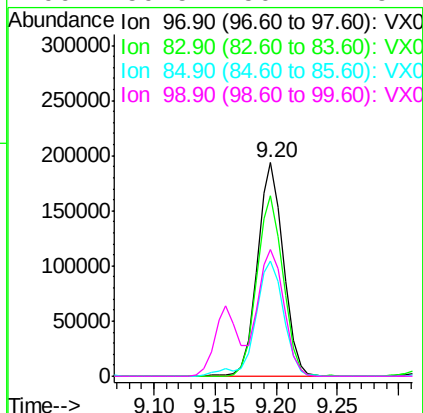
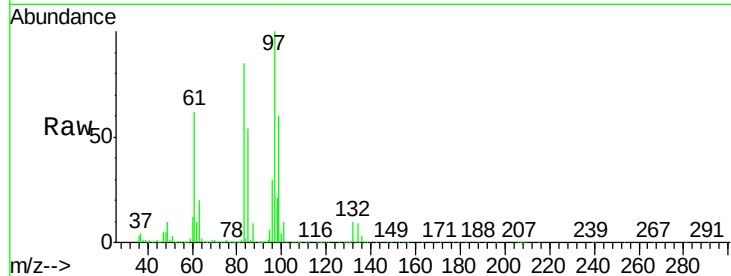
#55
 1,1,2-Trichloroethane
 Concen: 50.755 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	287178		
83	84.7	67.6	101.4	
85	54.0	44.6	67.0	
99	59.5	50.2	75.4	

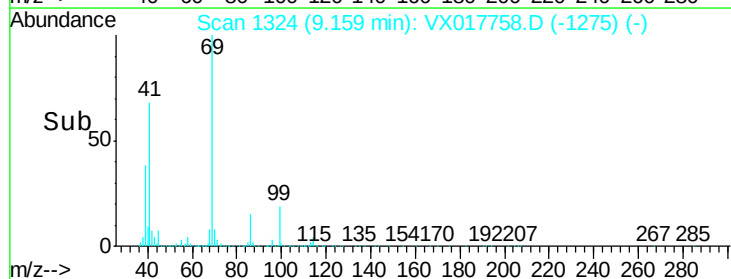
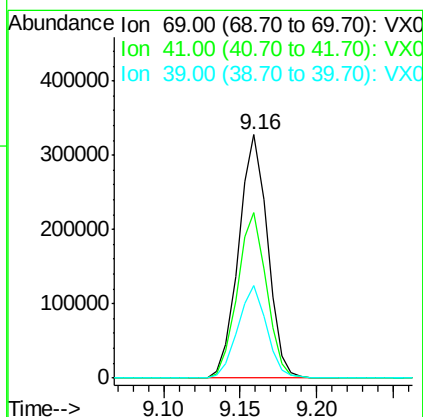
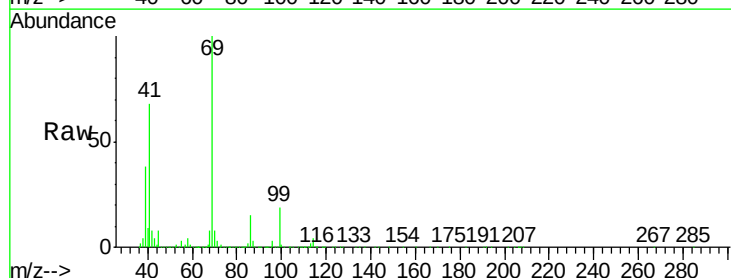
Manual Integrations
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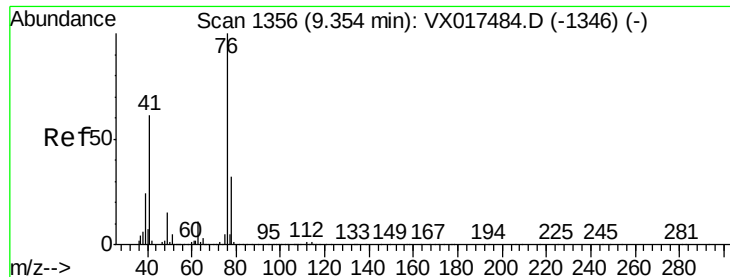
MMDadoda
 8/5/2020 2:51:14 PM



#56
 Ethyl methacrylate
 Concen: 50.477 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	430284		
41	68.1	55.0	82.6	
39	38.0	30.0	45.0	





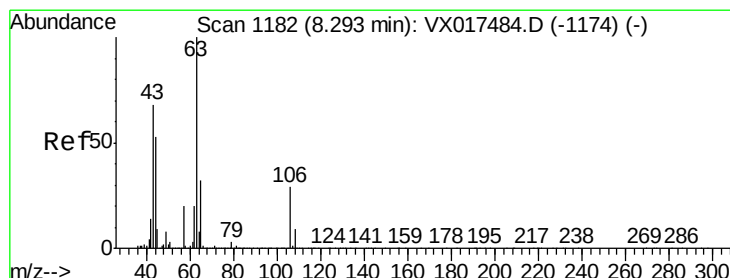
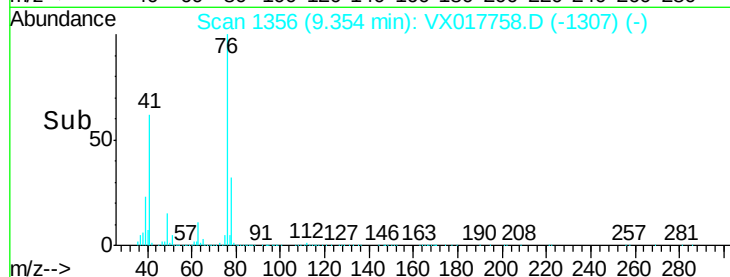
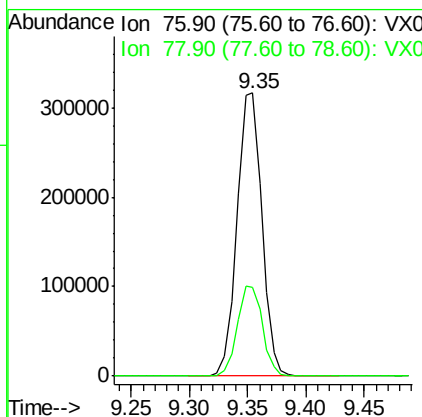
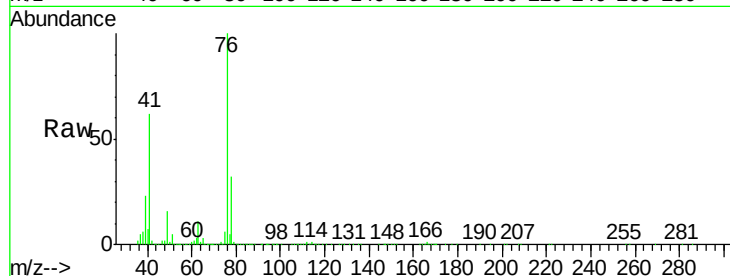
#57
 1,3-Dichloropropane
 Concen: 50.667 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 472051
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

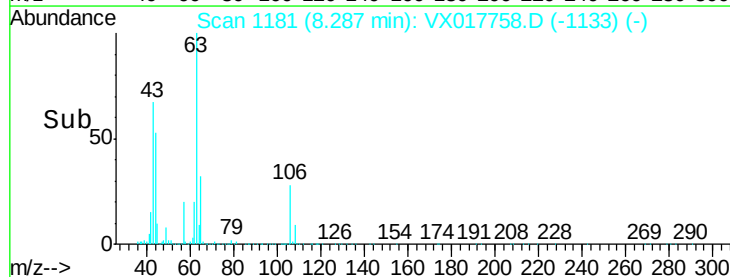
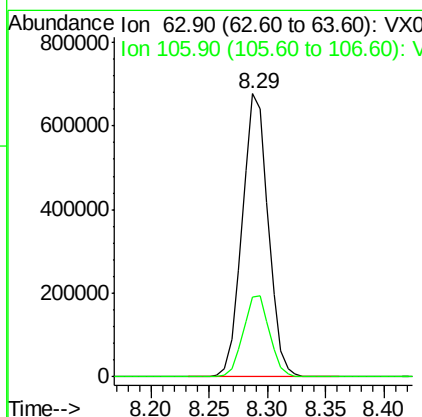
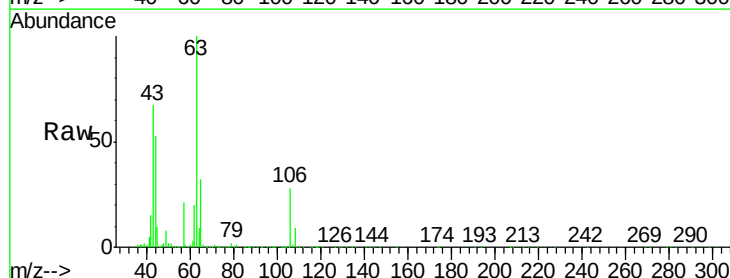
Manual Integrations
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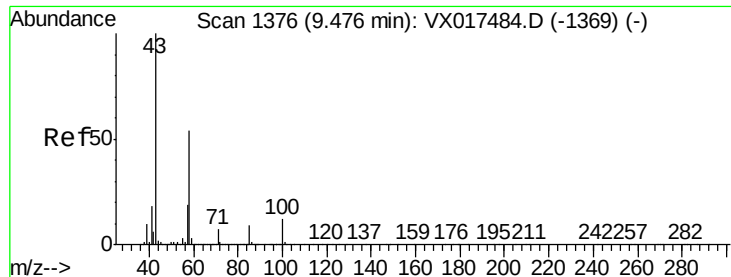
MMDadoda
 8/5/2020 2:51:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.902 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion: 63 Resp: 1054951
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.6 34.0





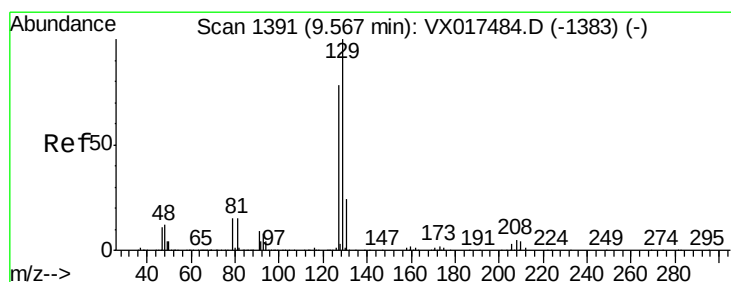
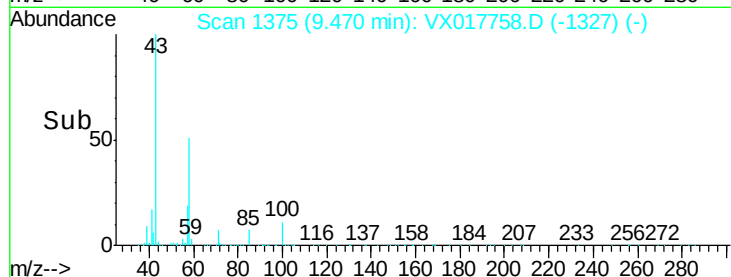
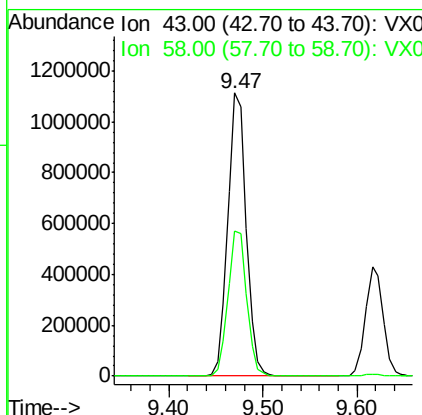
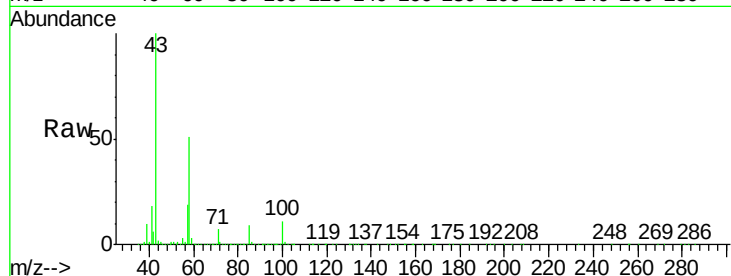
#59
2-Hexanone
Concen: 252.810 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1514542
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.8

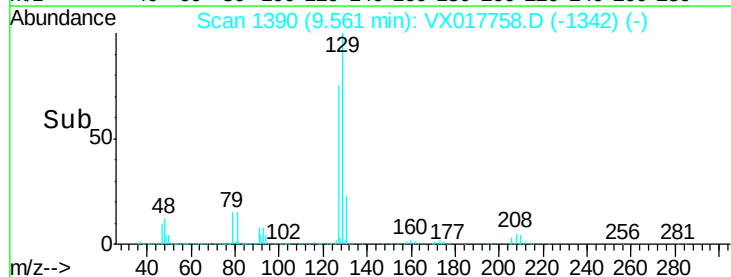
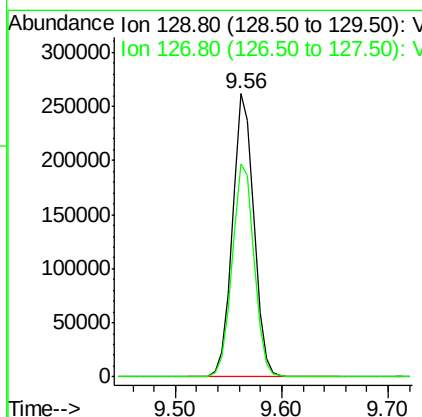
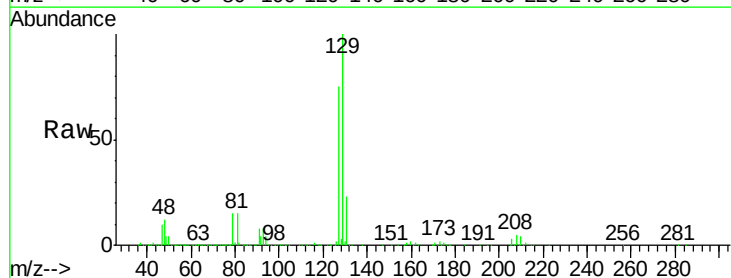
Manual Integrations
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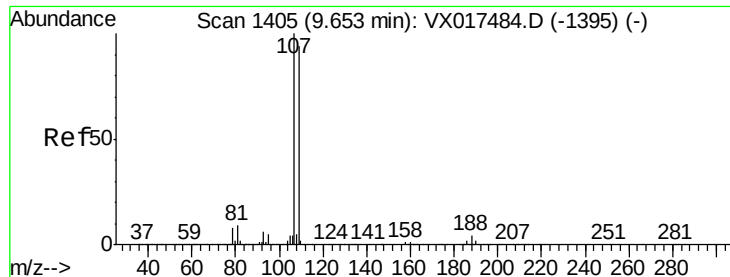
MMDadoda
8/5/2020 2:51:14 PM



#60
Dibromochloromethane
Concen: 51.498 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 129 Resp: 370351
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





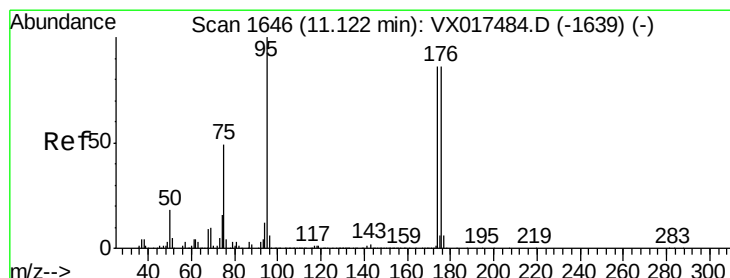
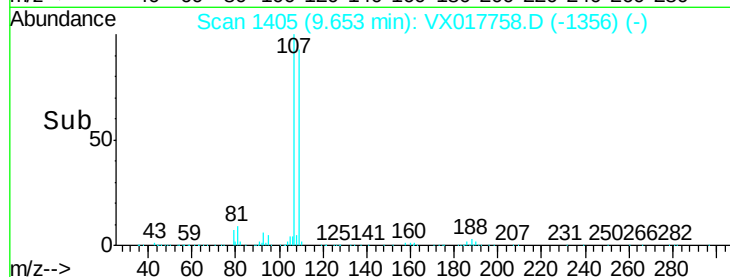
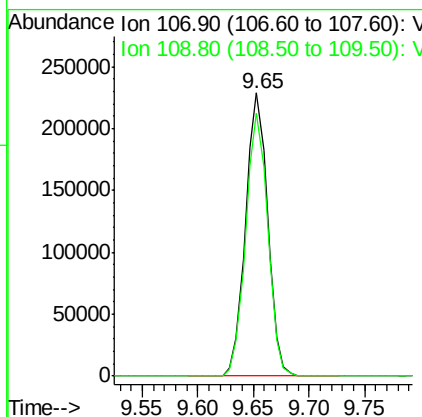
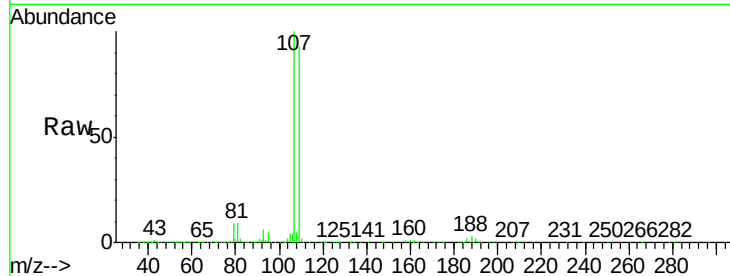
#61
 1,2-Dibromoethane
 Concen: 52.600 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	316858		
109	93.0	74.9	112.3	

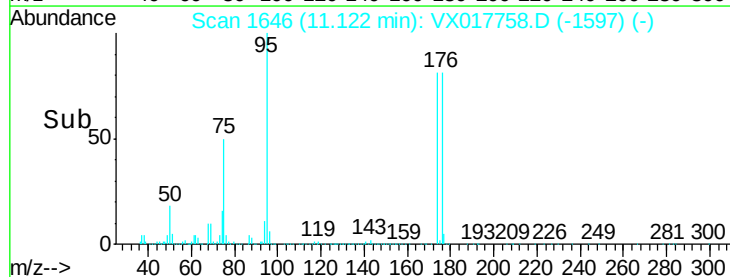
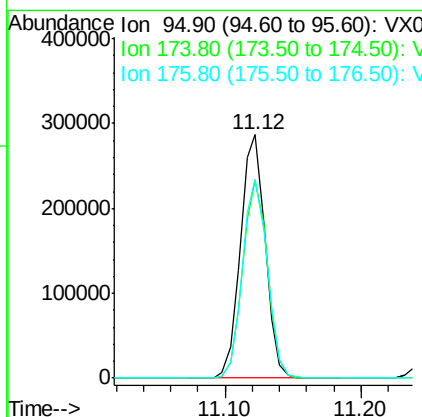
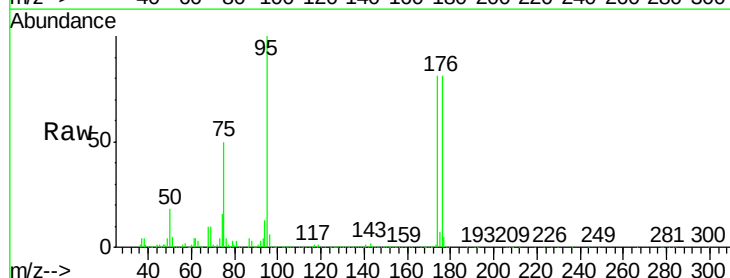
Manual Integrations
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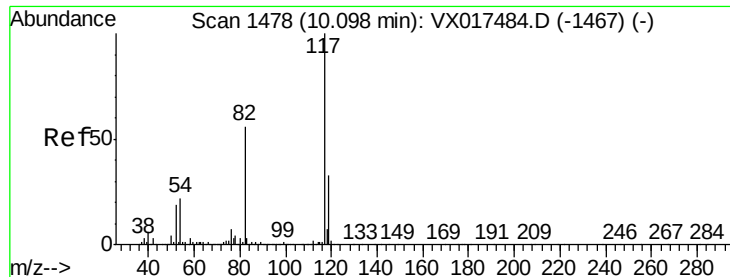
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 48.743 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	362511		
174	81.7	0.0	169.0	
176	82.1	0.0	161.0	





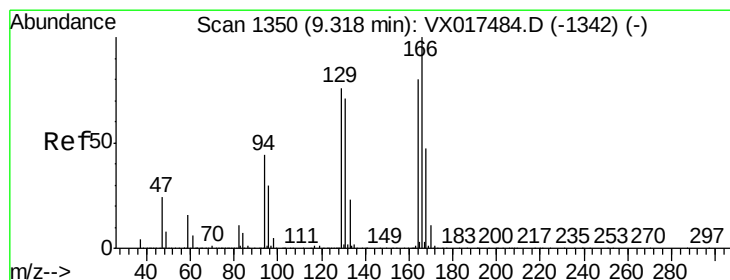
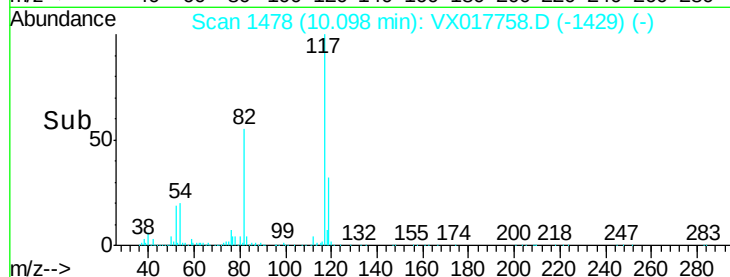
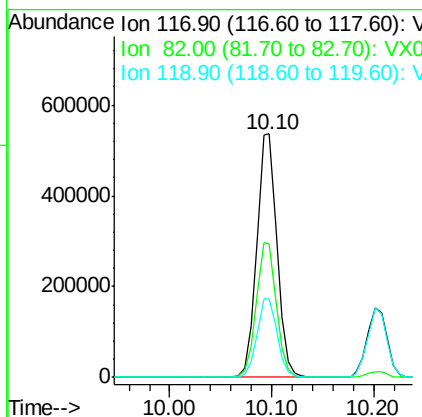
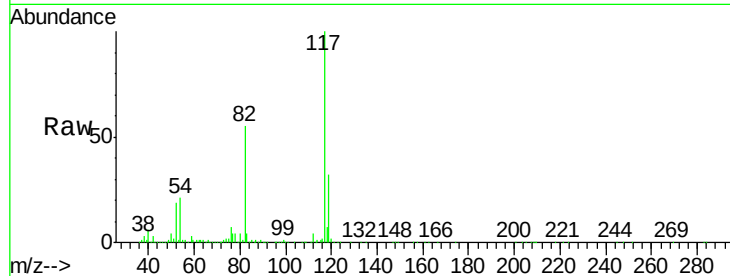
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.9	44.0	66.0
119	32.4	25.4	38.0

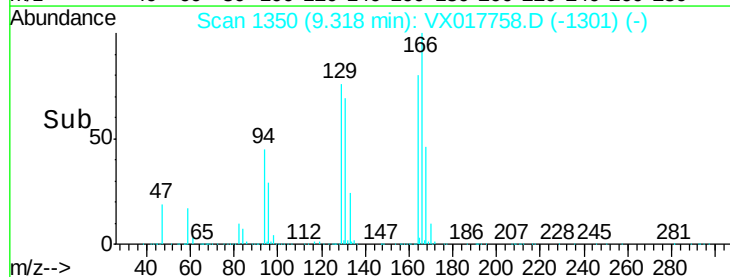
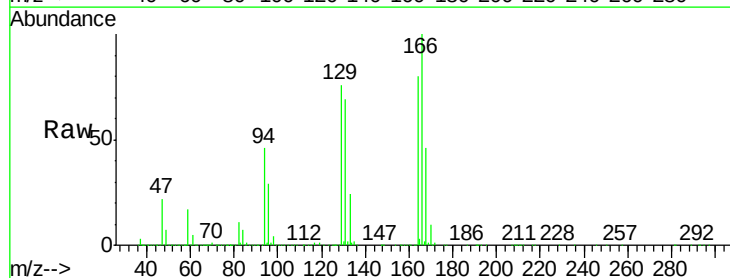
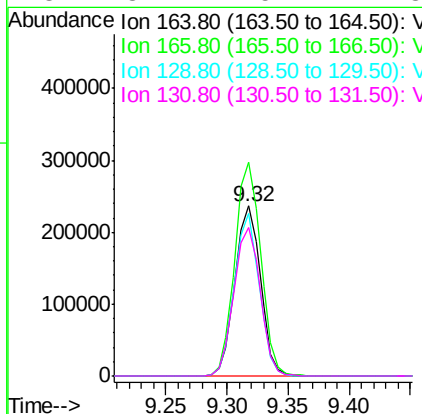
Manual Integrations
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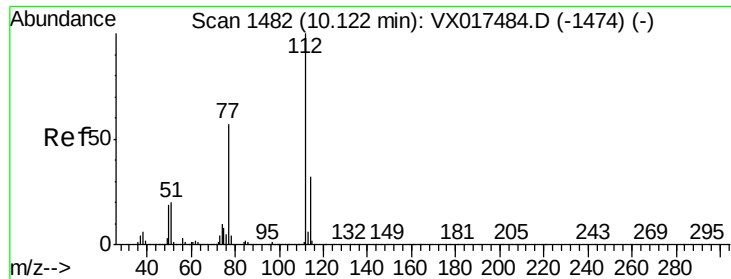
MMDadoda
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#64
Tetrachloroethene
Concen: 50.540 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	125.8	100.6	150.8
129	95.9	75.0	112.6
131	87.2	75.2	112.8





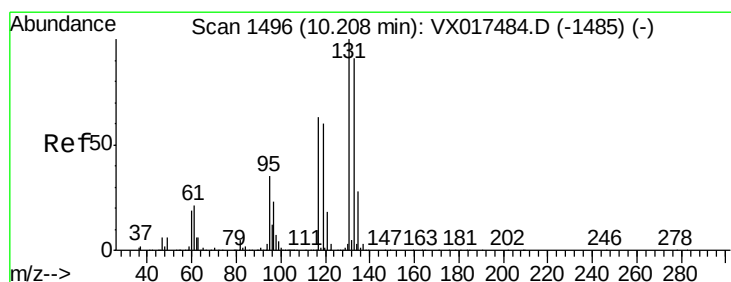
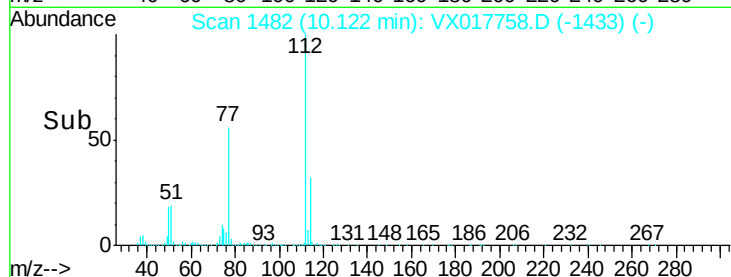
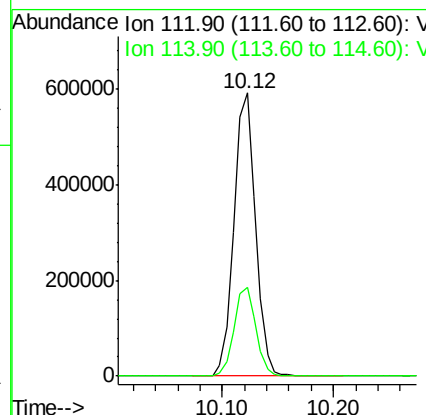
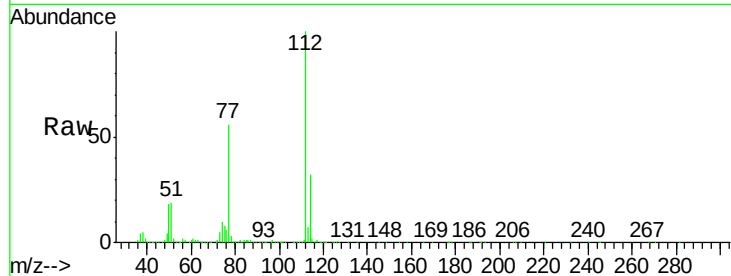
#65
Chlorobenzene
Concen: 48.739 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 793462
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

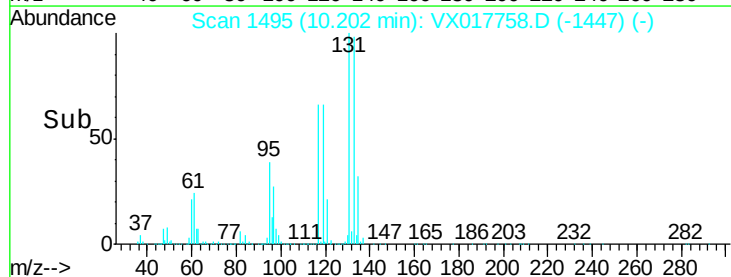
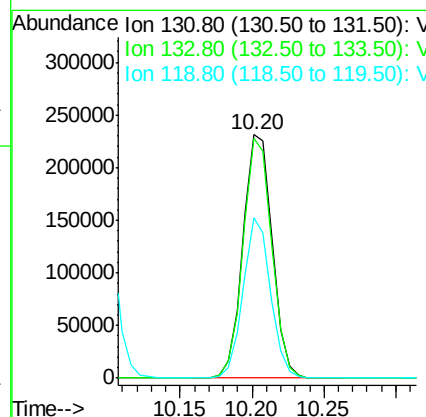
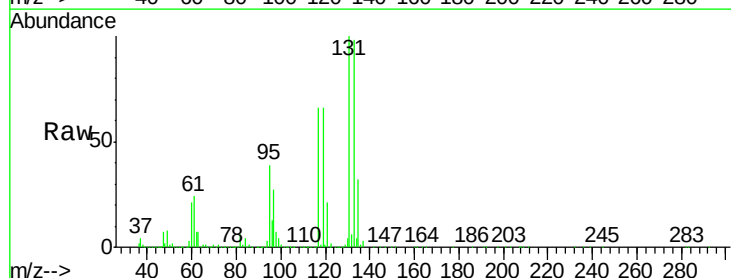
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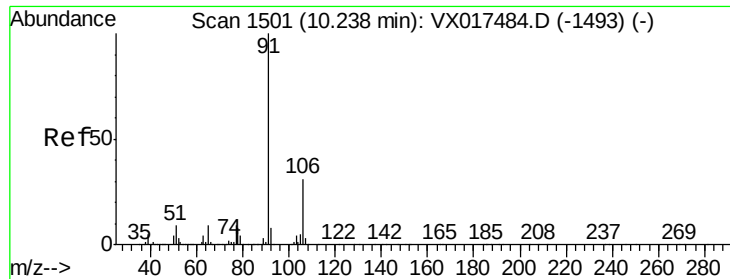
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.635 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion:131 Resp: 326122
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 61.6 31.1 93.3





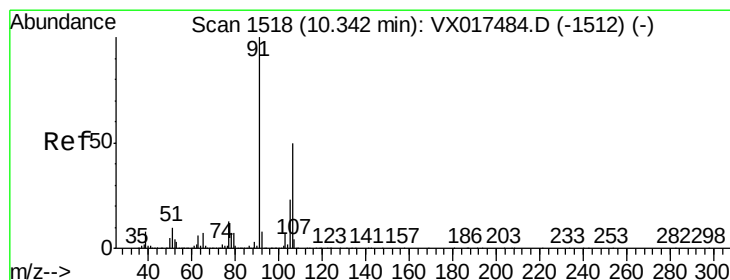
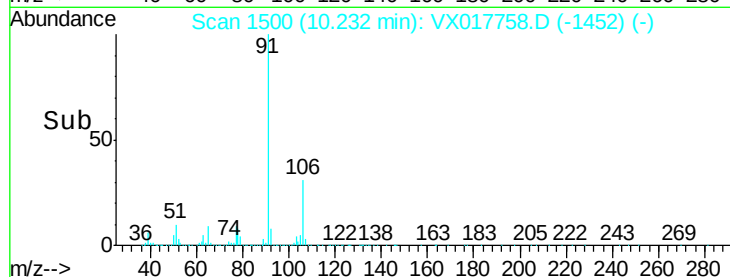
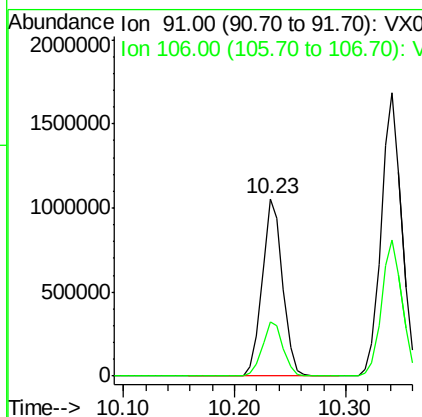
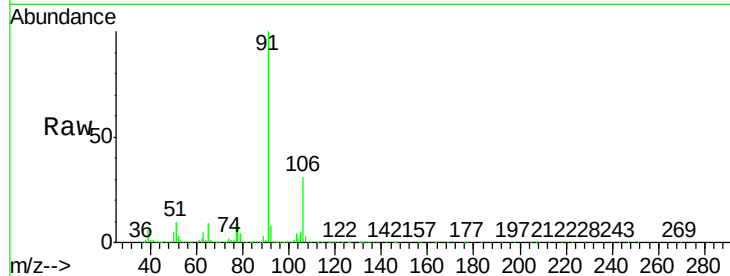
#67
Ethyl Benzene
Concen: 49.995 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1358641
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6

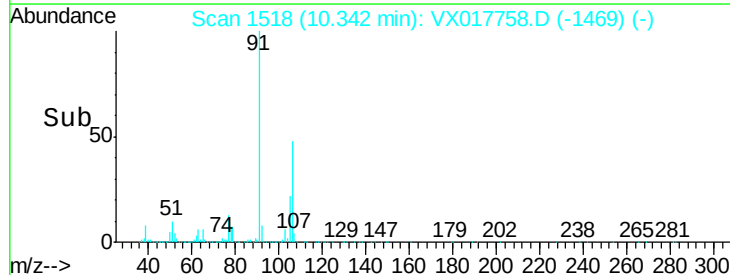
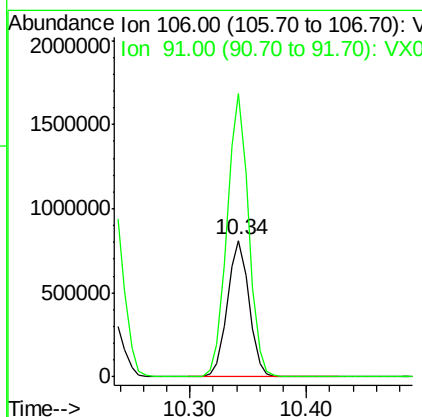
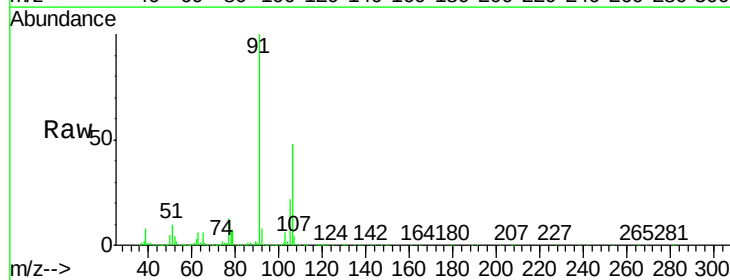
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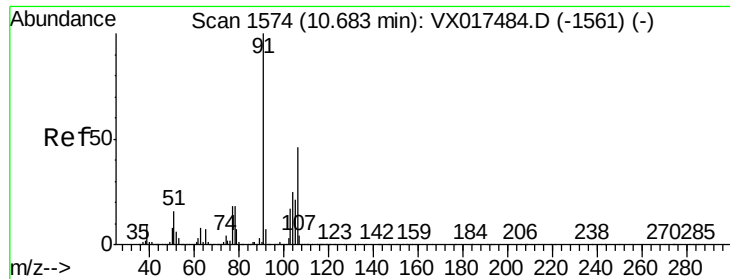
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#68
m/p-Xylenes
Concen: 99.569 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 106 Resp: 1048239
Ion Ratio Lower Upper
106 100
91 206.4 160.9 241.3





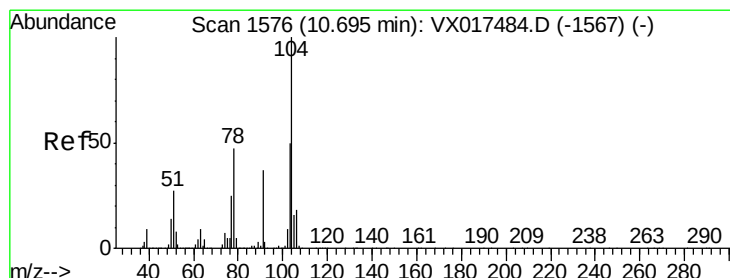
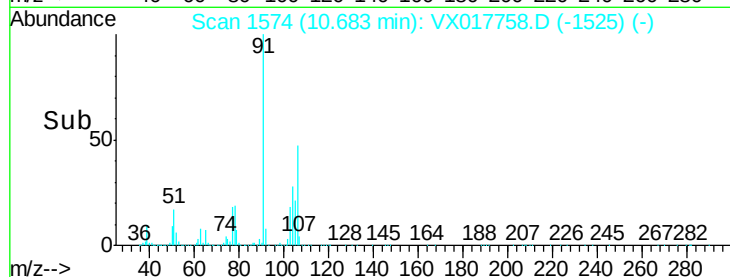
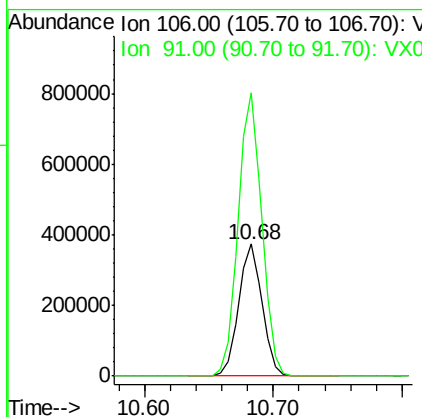
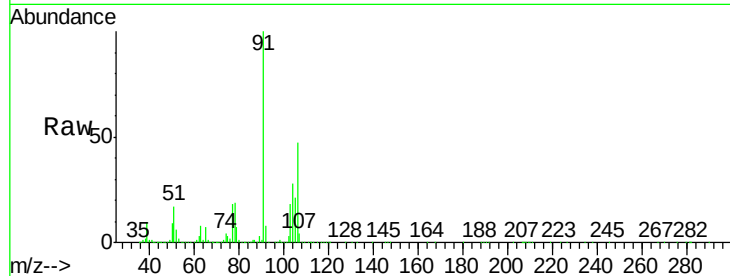
#69
o-Xylene
Concen: 46.215 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	467944		
91	218.5	108.2	324.6	

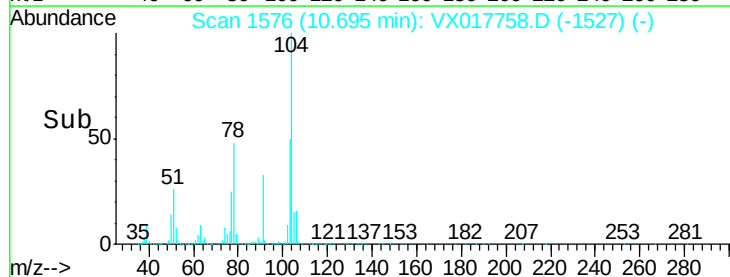
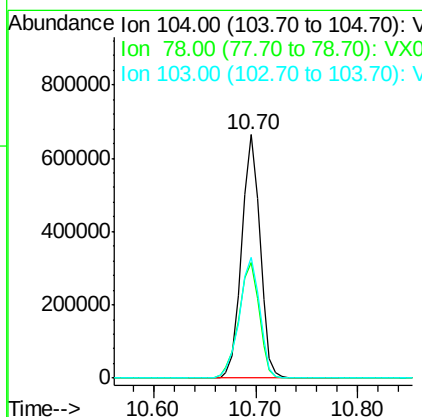
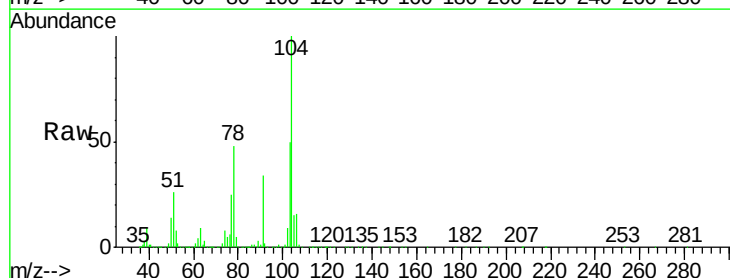
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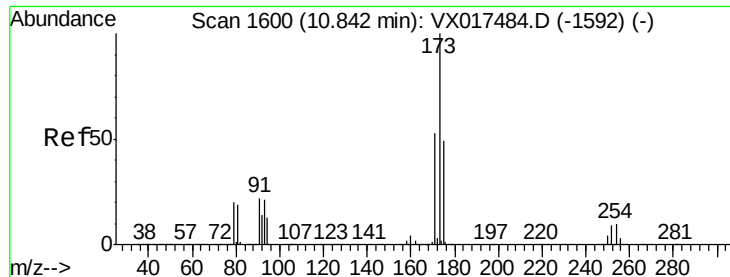
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#70
Styrene
Concen: 47.842 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	824197		
78	52.9	42.5	63.7	
103	54.8	44.3	66.5	





#71

Bromoform

Concen: 44.790 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

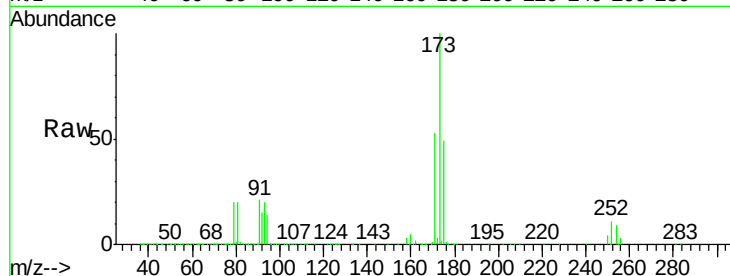
ClientSampleId :

VSTDCCC050

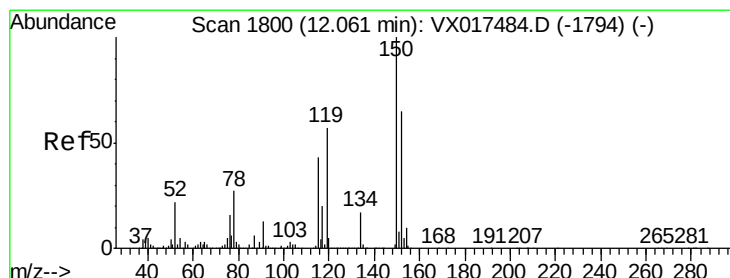
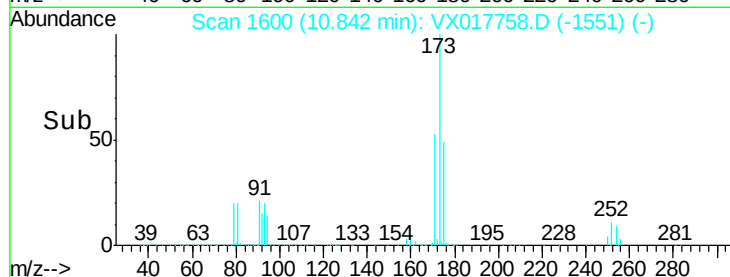
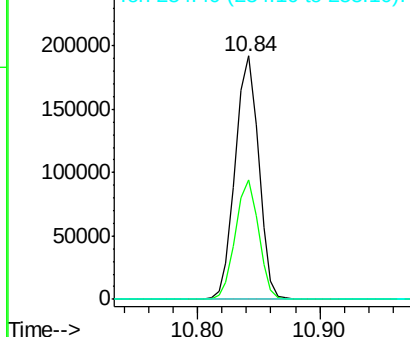
Tgt Ion:	173	Resp:	254962
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.8	71.5
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

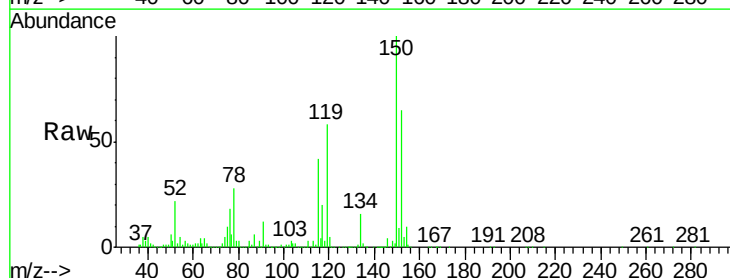
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

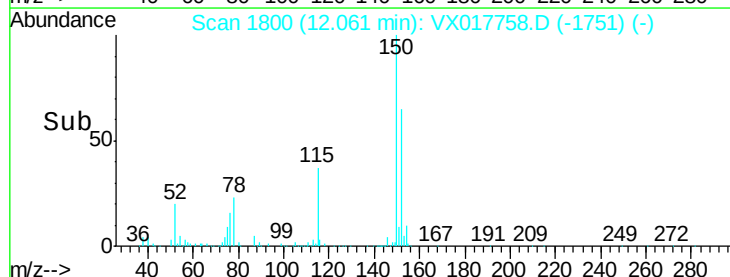
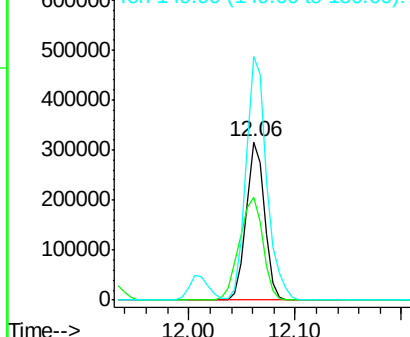
Lab File: VX017758.D

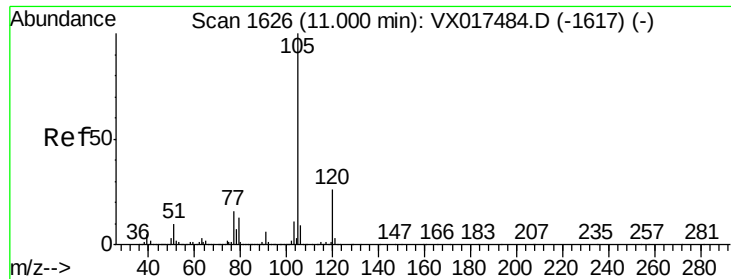
Acq: 04 Aug 2020 09:22

Tgt Ion:	152	Resp:	384467
Ion Ratio	Lower	Upper	
152	100		
115	82.6	65.5	196.6
150	172.4	0.0	412.6



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





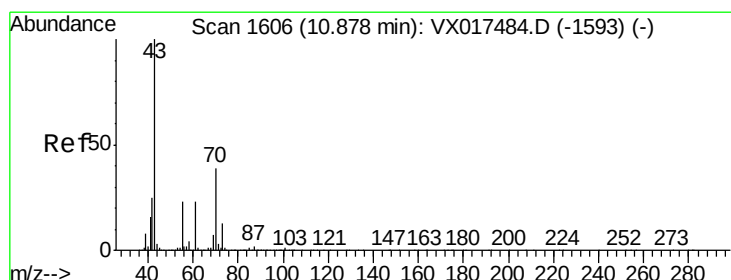
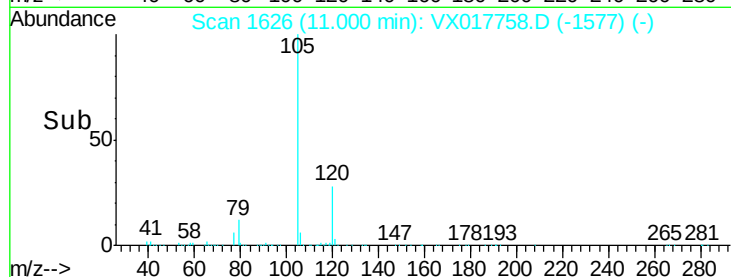
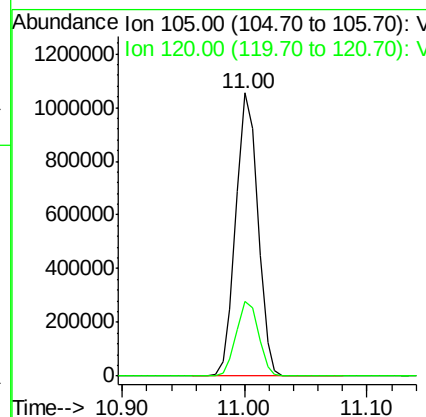
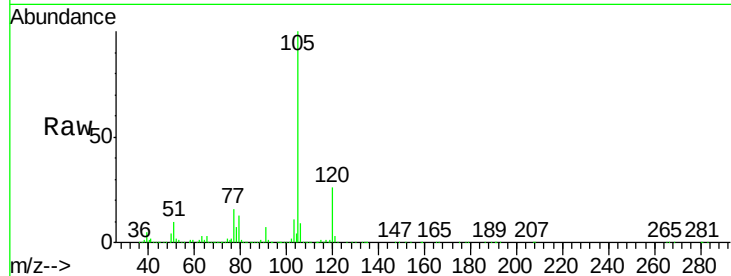
#73
Isopropylbenzene
Concen: 49.707 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 1311041
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8

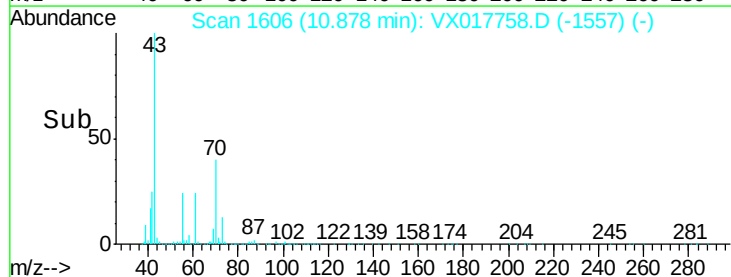
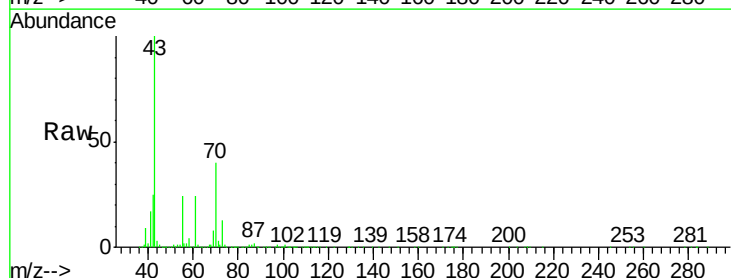
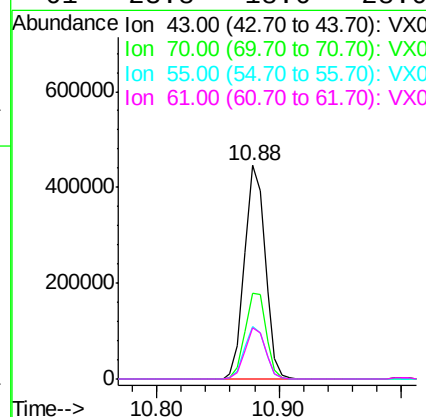
Manual Integrations
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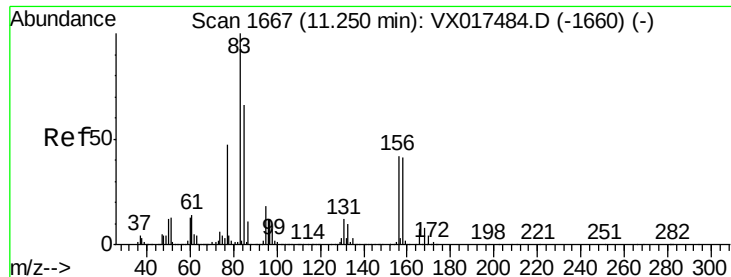
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#74
N-ethyl acetate
Concen: 44.349 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 43 Resp: 519715
Ion Ratio Lower Upper
43 100
70 41.3 32.3 48.5
55 24.4 18.4 27.6
61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.713 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 368106
Ion Ratio Lower Upper

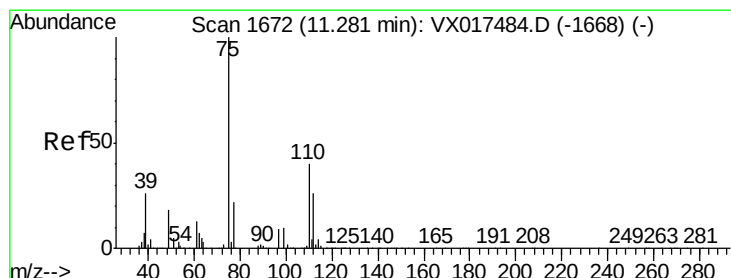
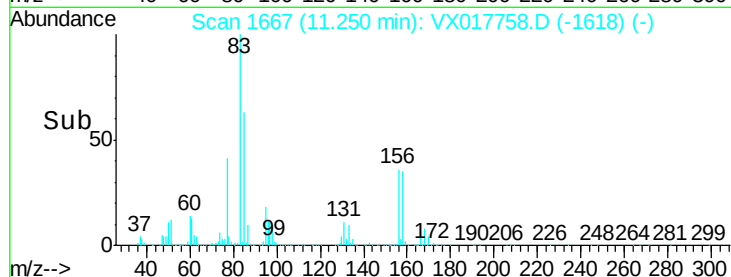
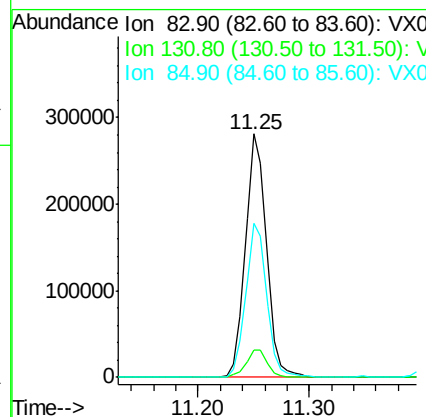
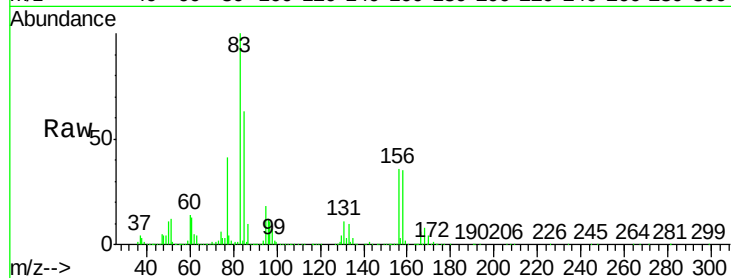
83 100

131 11.5 5.5 16.5

85 63.4 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 45.471 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

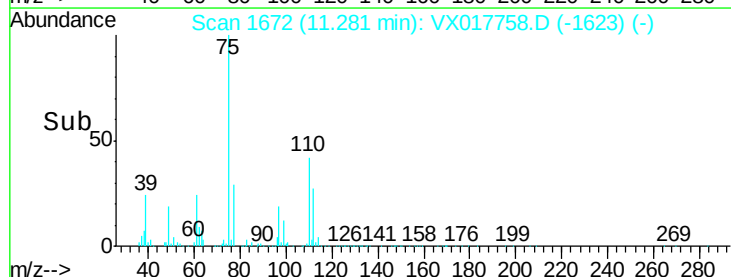
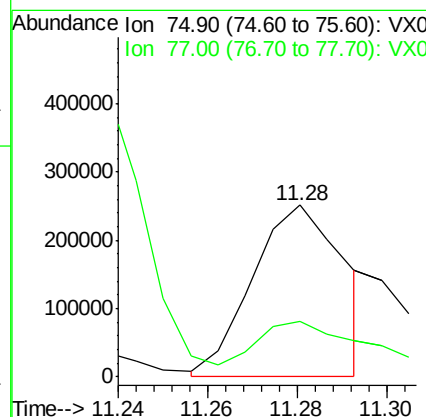
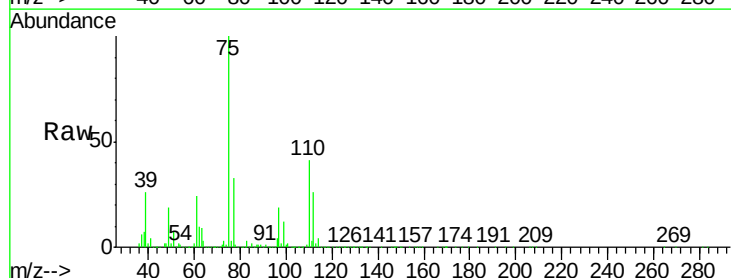
Lab File: VX017758.D

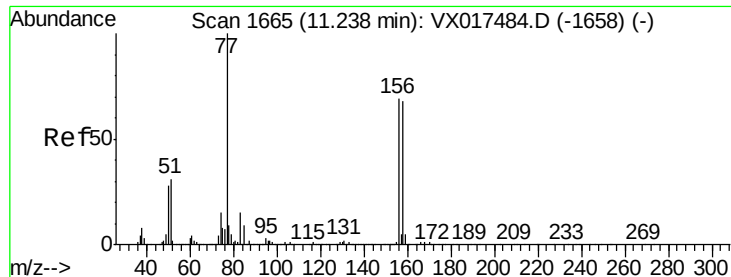
Acq: 04 Aug 2020 09:22

Tgt Ion: 75 Resp: 359617
Ion Ratio Lower Upper

75 100

77 40.4 21.8 65.3





#77

Bromobenzene

Concen: 47.327 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

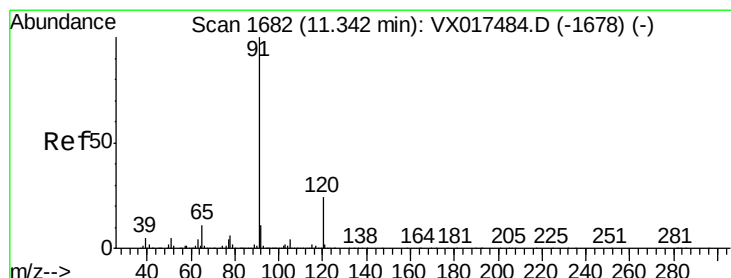
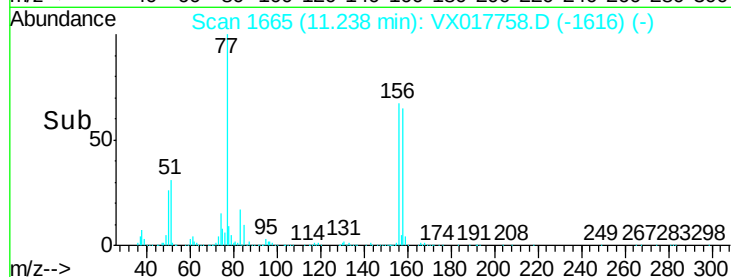
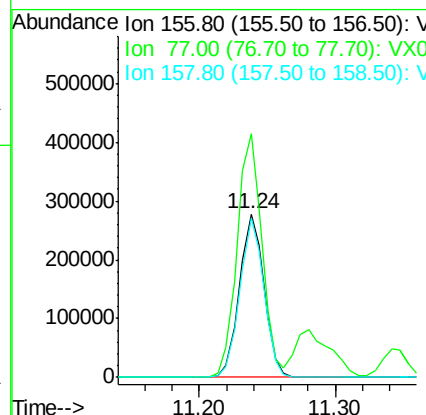
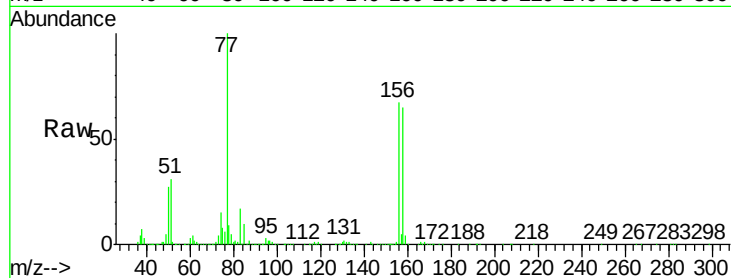
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.6	75.0	225.0
158	95.3	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.379 ug/l

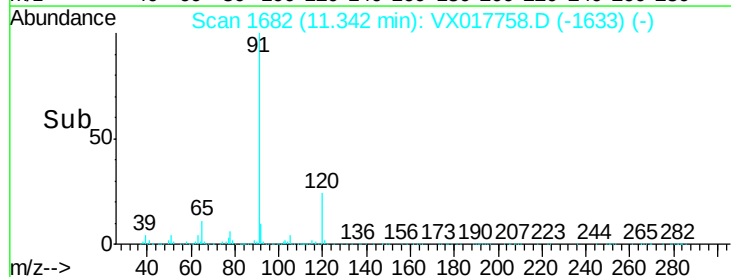
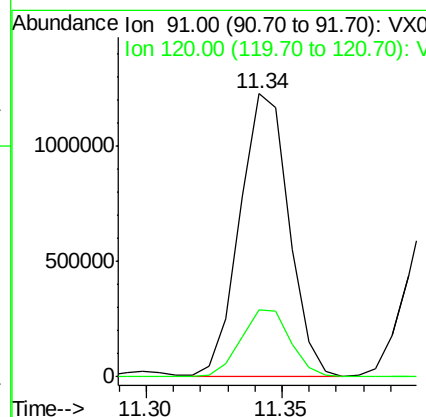
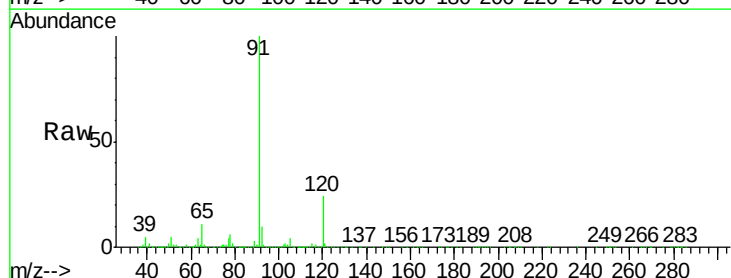
RT: 11.34 min Scan# 1682

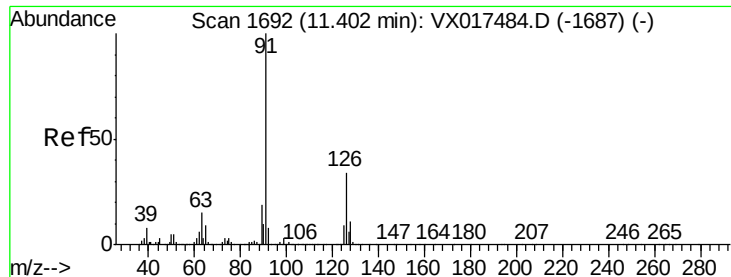
Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.668 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 896813

Ion Ratio Lower Upper

91 100

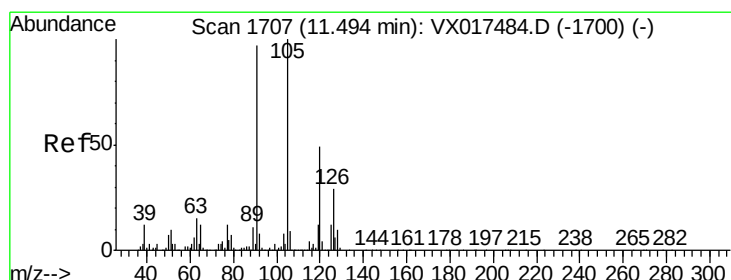
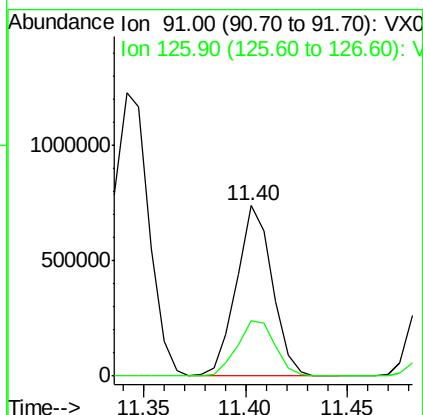
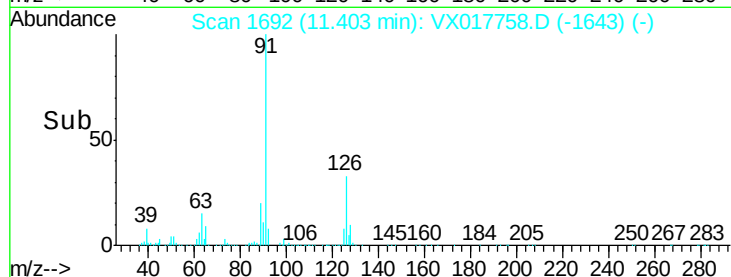
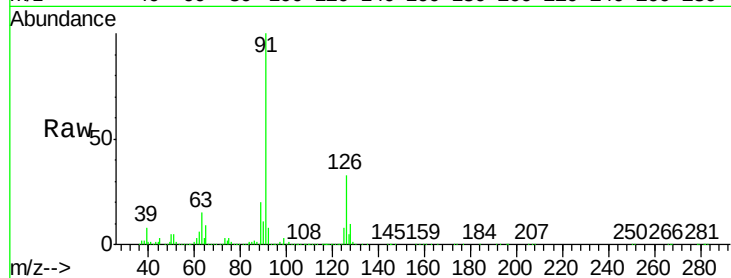
126 34.9 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.482 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017758.D

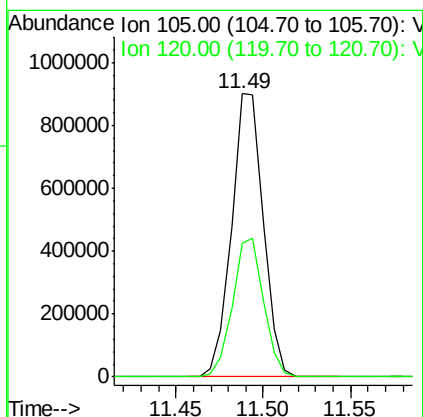
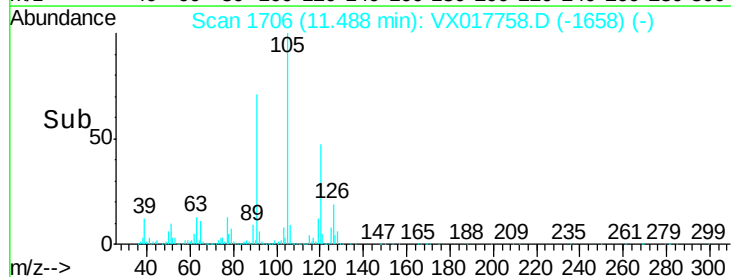
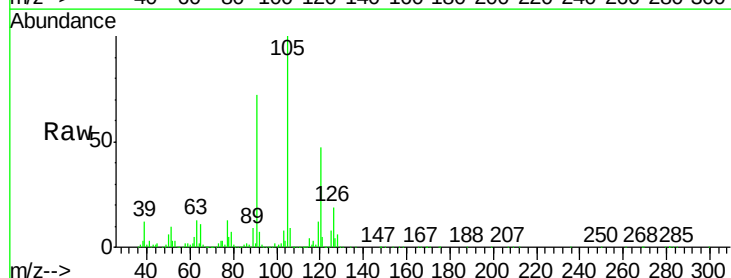
Acq: 04 Aug 2020 09:22

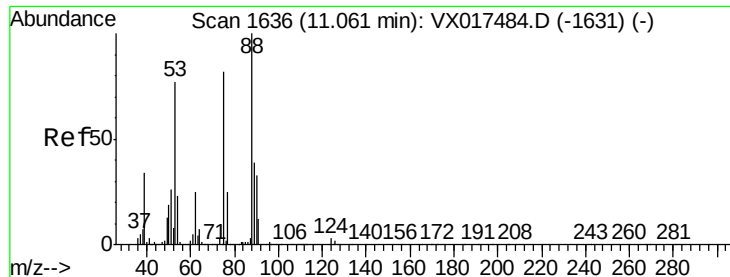
Tgt Ion: 105 Resp: 1136825

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3





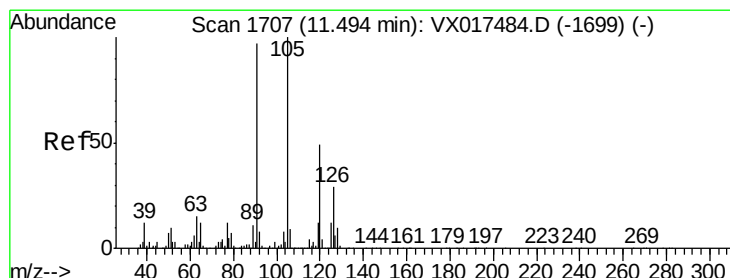
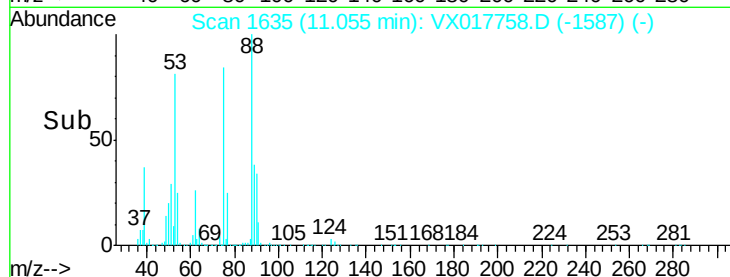
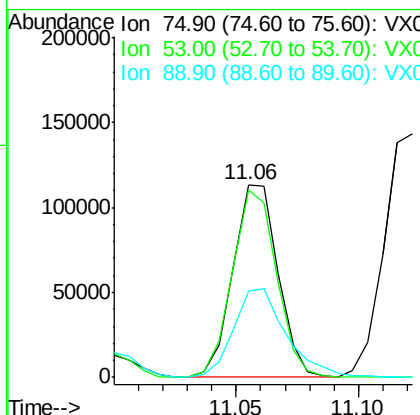
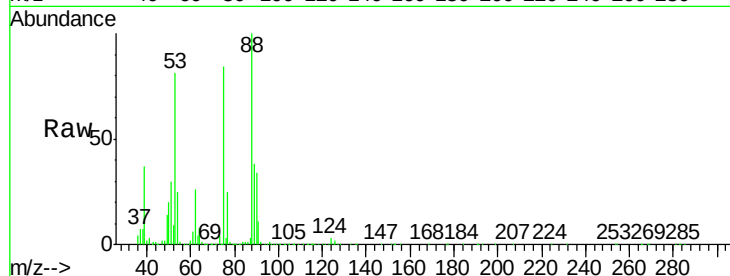
#81
trans-1,4-Dichloro-2-butene
Concen: 45.871 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.3	75.9	113.9
89	54.0	37.8	56.6

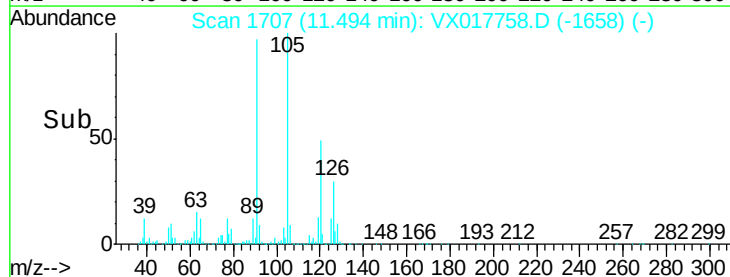
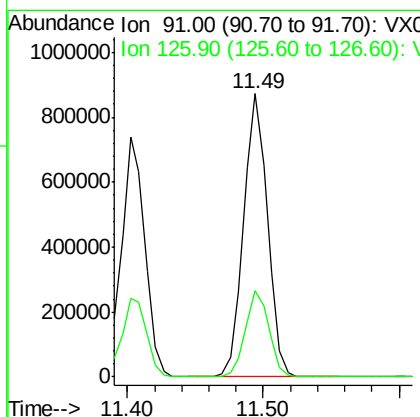
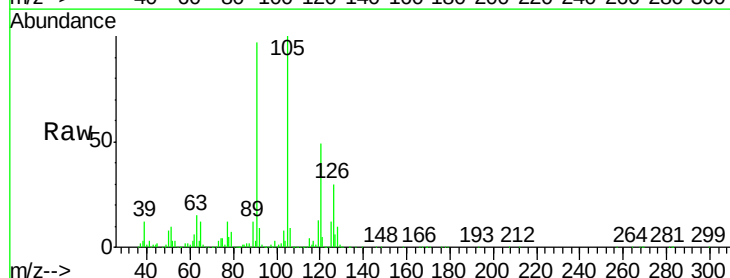
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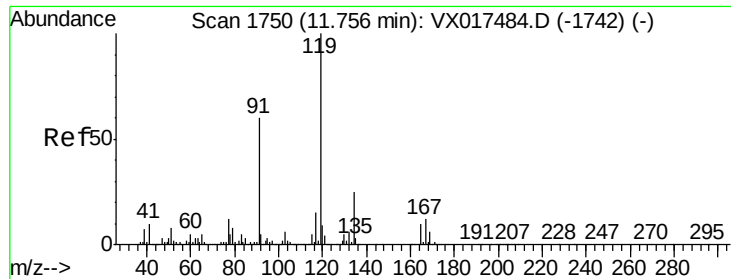
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#82
4-Chlorotoluene
Concen: 49.086 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





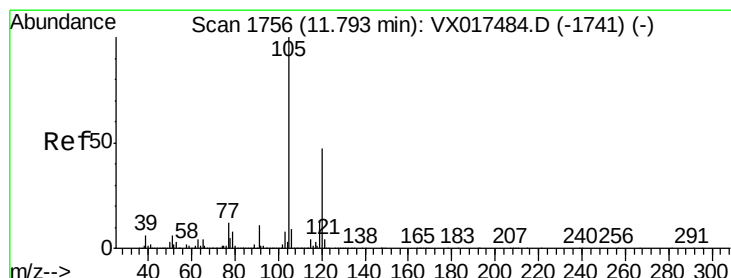
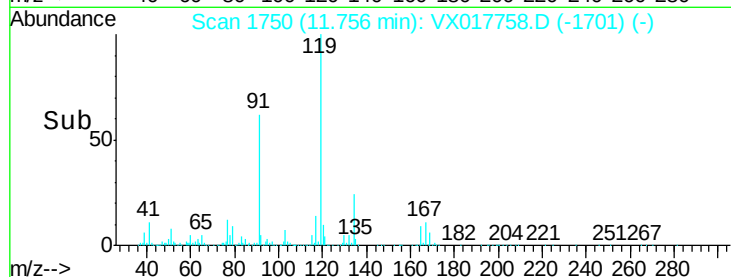
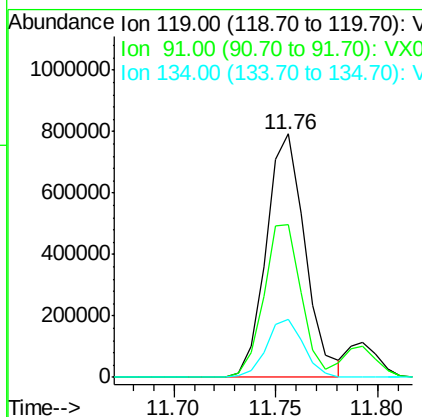
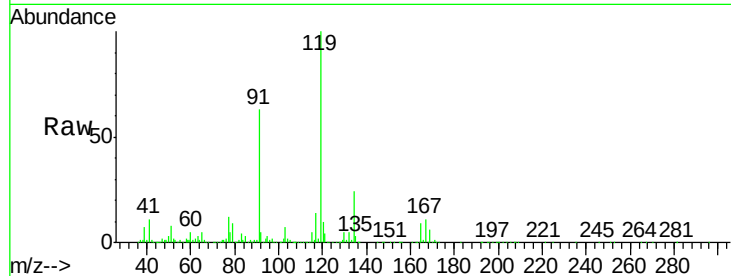
#83
 tert-Butylbenzene
 Concen: 48.904 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.3	88.0
134	22.6	11.2	33.6

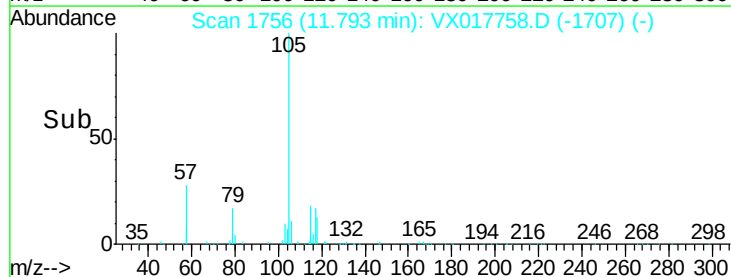
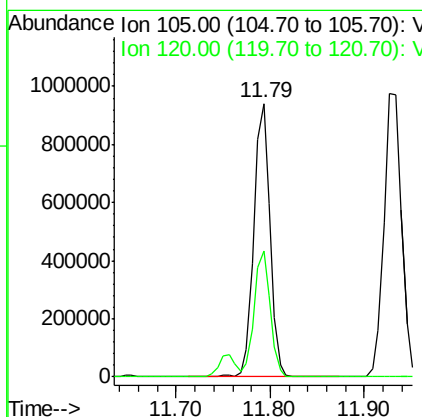
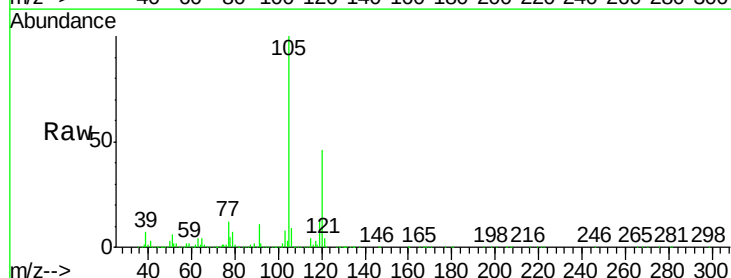
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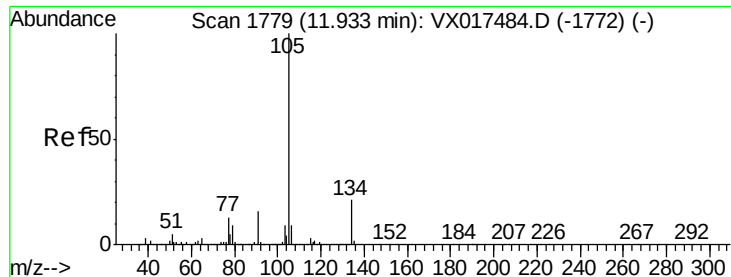
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.023 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.0





#85

sec-Butylbenzene

Concen: 50.539 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1268601

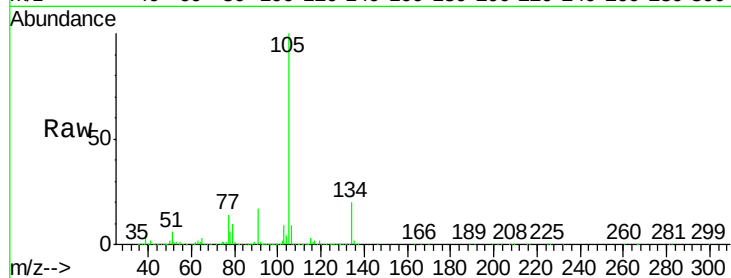
Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2

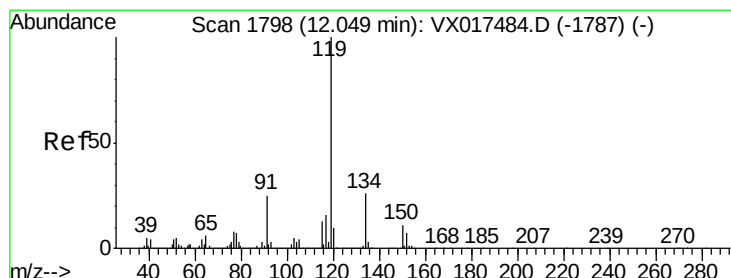
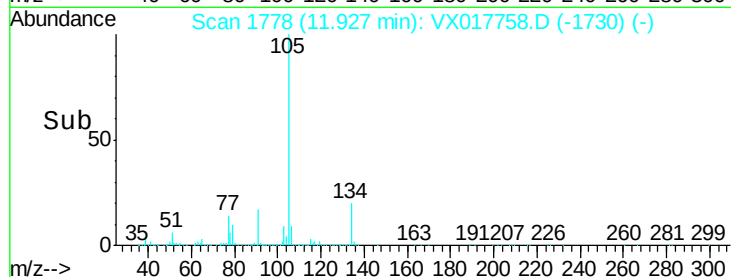
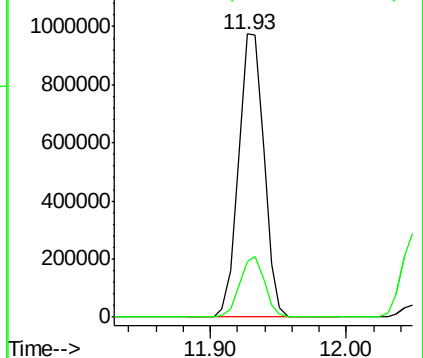
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.221 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017758.D

Acq: 04 Aug 2020 09:22

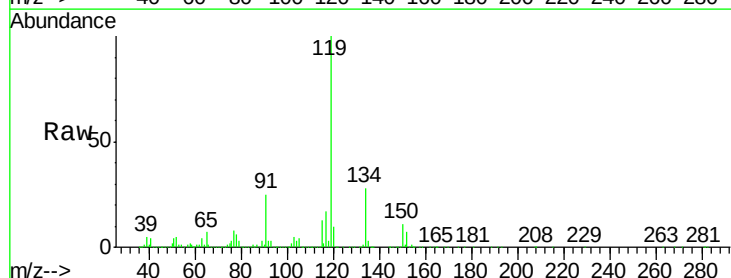
Tgt Ion:119 Resp: 1200490

Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

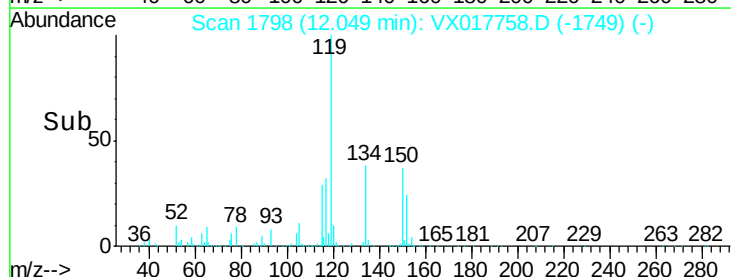
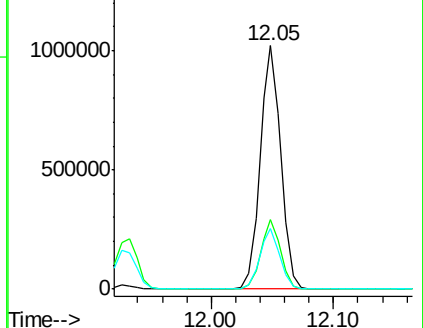
91 24.4 12.1 36.3

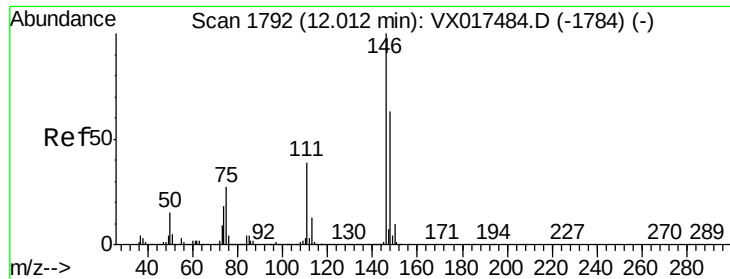


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





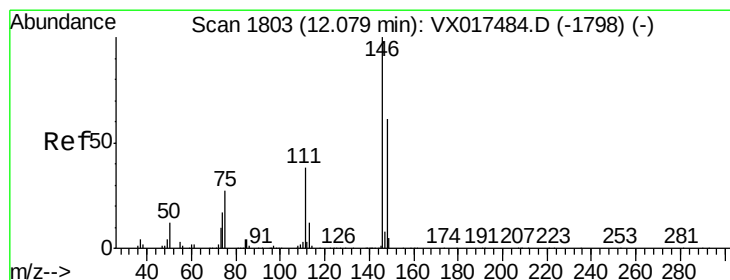
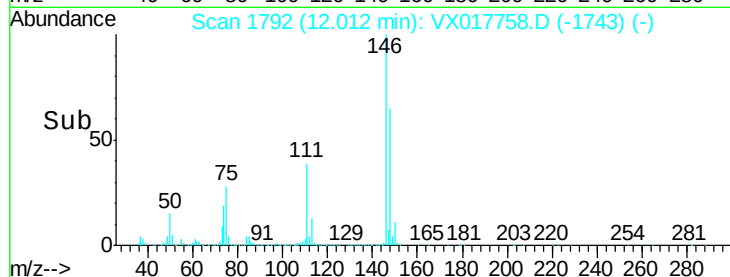
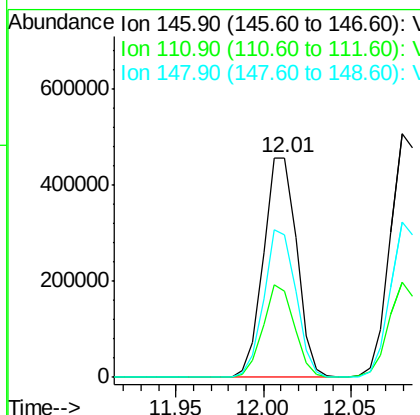
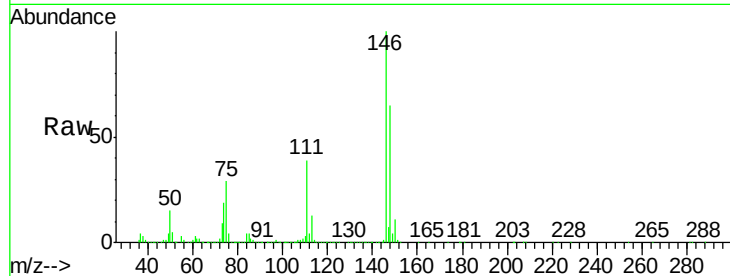
#87
 1,3-Dichlorobenzene
 Concen: 47.826 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.6	31.6	95.0

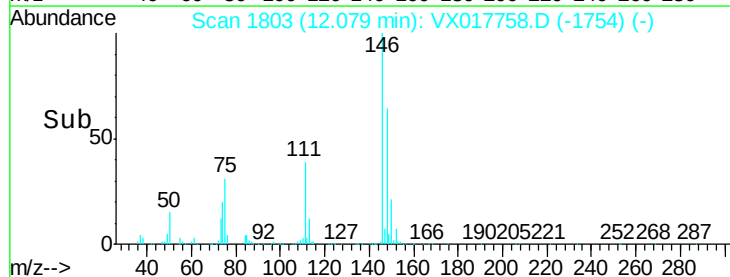
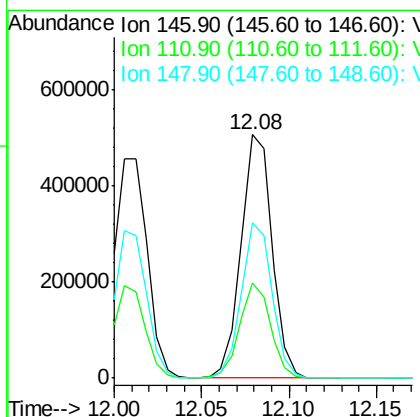
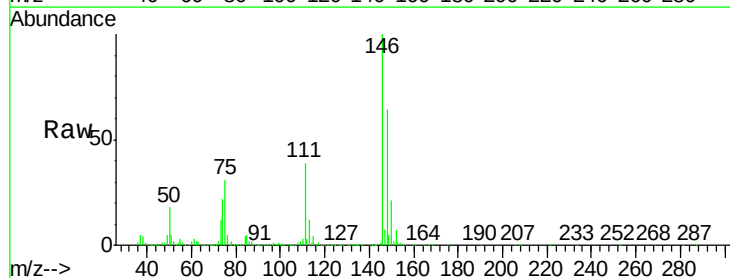
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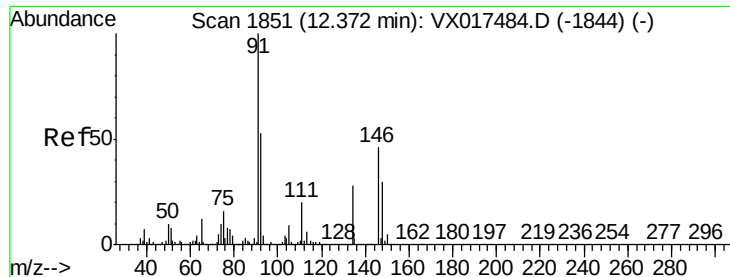
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#88
 1,4-Dichlorobenzene
 Concen: 47.487 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.3	32.2	96.6





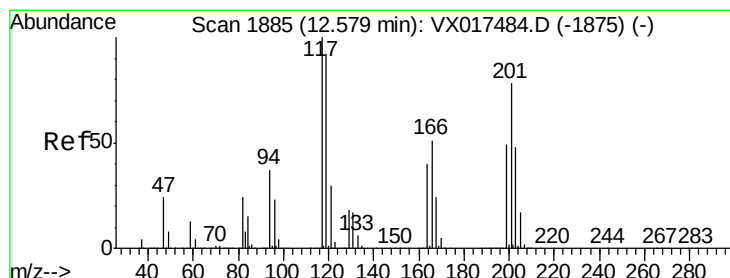
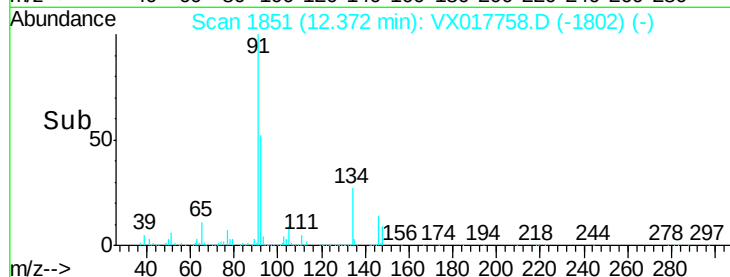
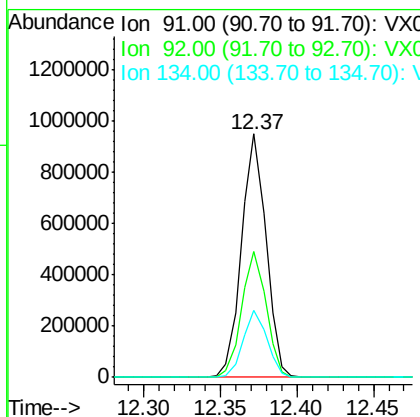
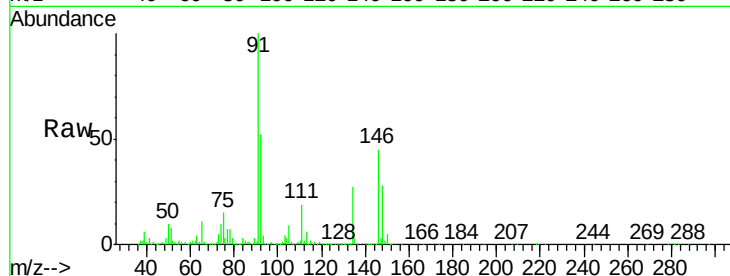
#89
n-Butylbenzene
Concen: 49.643 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1057399
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 26.9 13.6 40.7

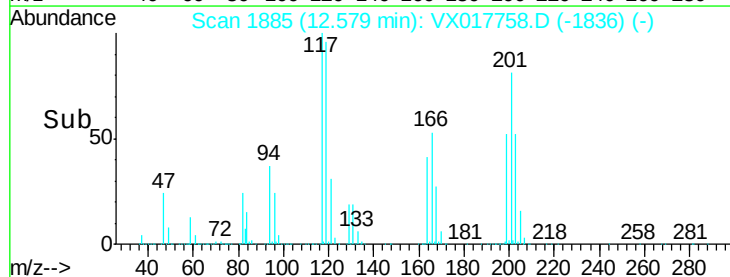
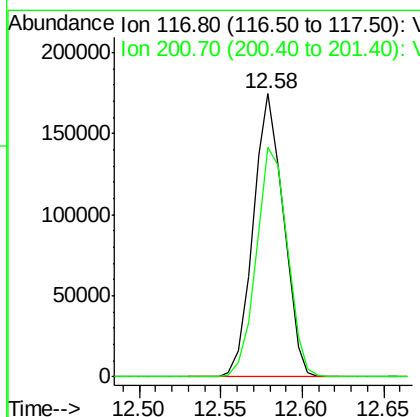
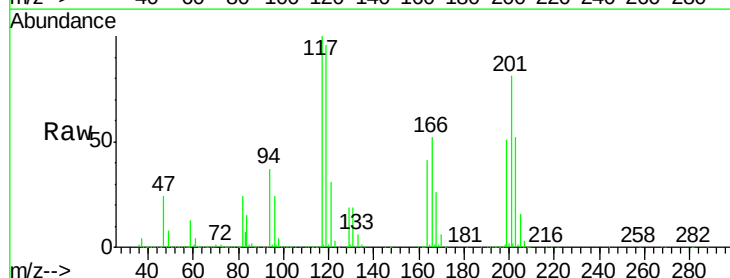
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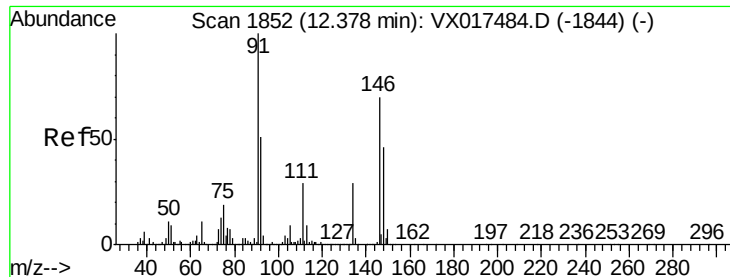
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#90
Hexachloroethane
Concen: 48.018 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion: 117 Resp: 226296
Ion Ratio Lower Upper
117 100
201 82.8 42.2 126.6





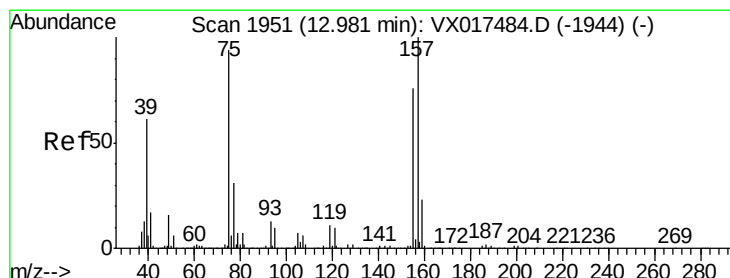
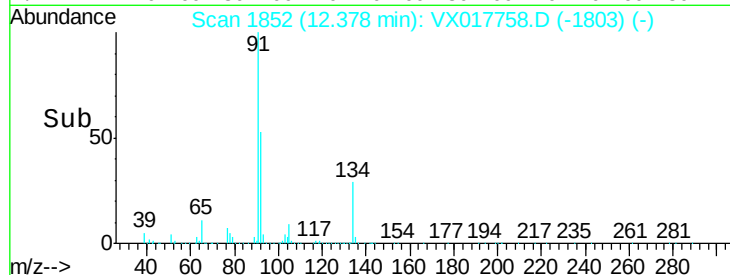
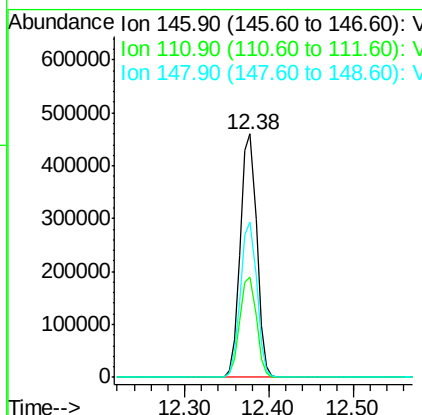
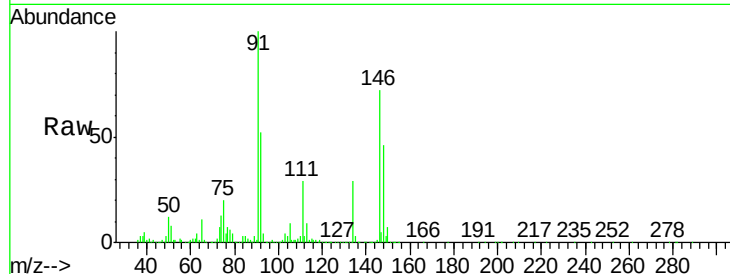
#91
 1,2-Dichlorobenzene
 Concen: 47.955 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	146	Resp:	597619
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.9	62.8
148	63.7	32.8	98.4

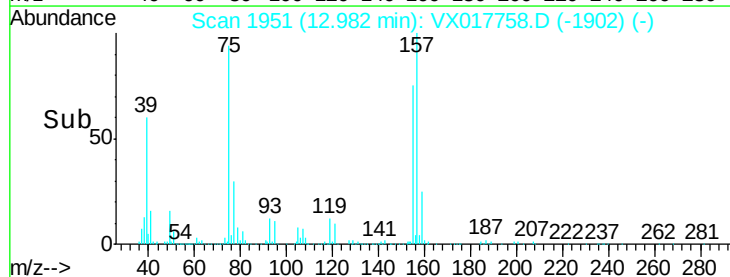
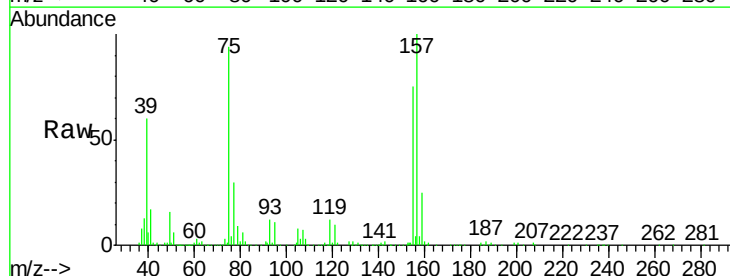
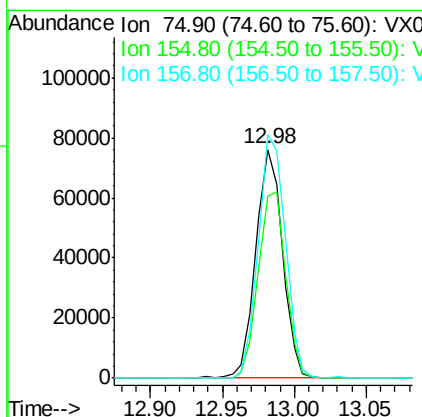
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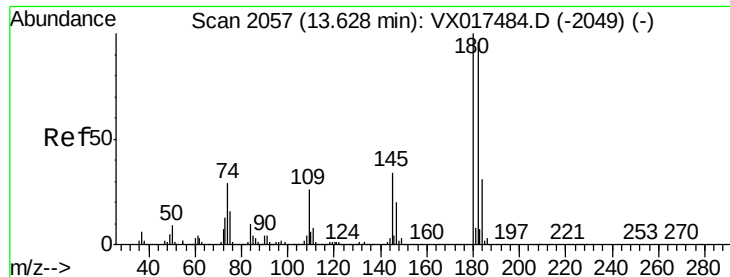
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.036 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion:	75	Resp:	96859
Ion Ratio	Lower	Upper	
75	100		
155	84.3	42.3	126.8
157	108.4	54.3	162.9





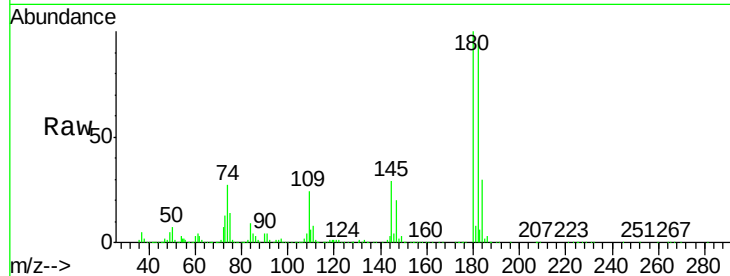
#93
 1,2,4-Trichlorobenzene
 Concen: 50.396 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	428627		
182	95.9	47.5	142.6	
145	31.0	15.4	46.4	

Manual Integrations
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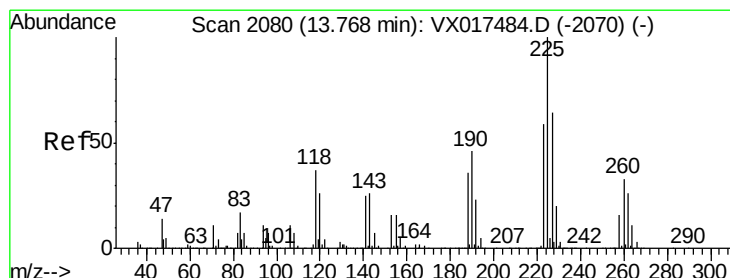
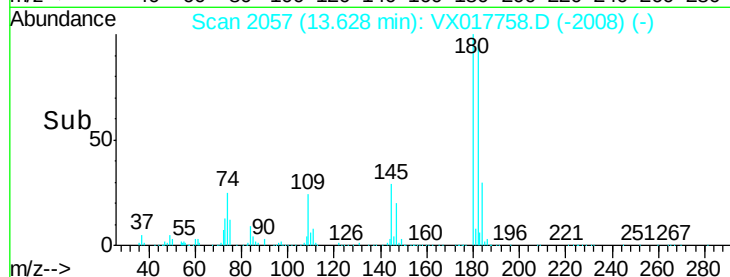
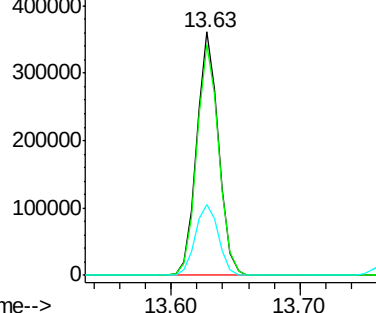


Abundance

Ion 179.80 (179.50 to 180.50): V

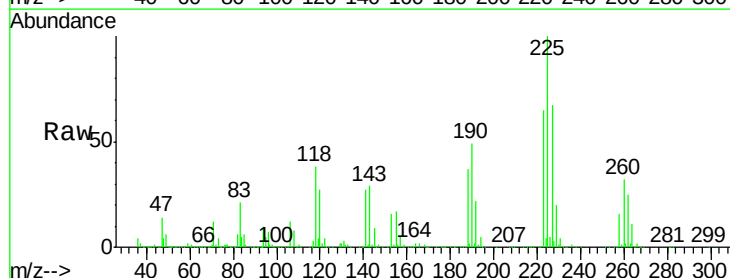
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.302 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017758.D
 Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	177362		
223	65.4	30.3	90.9	
227	65.4	31.1	93.2	

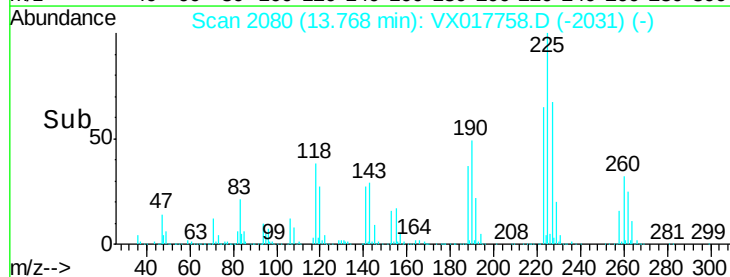
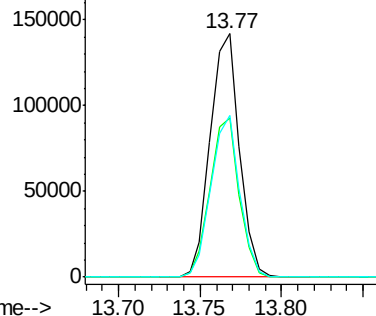


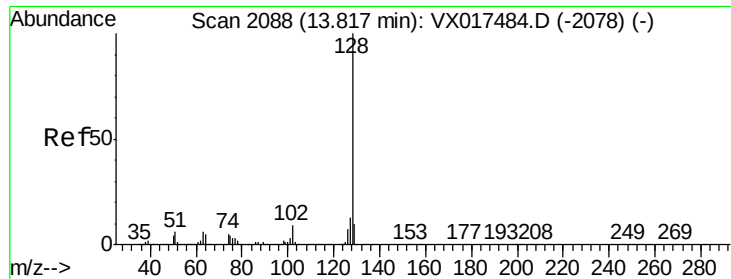
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





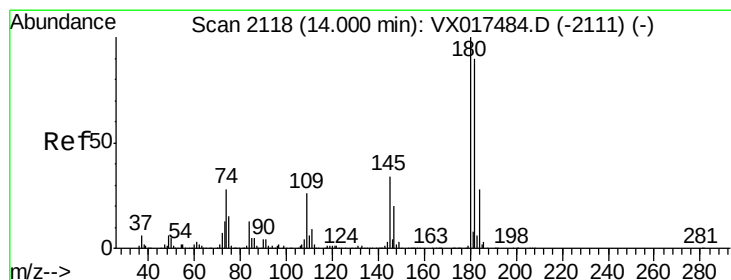
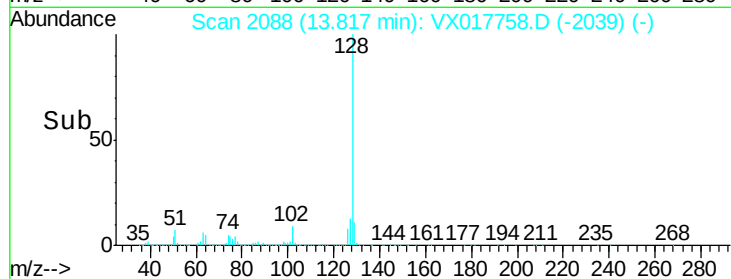
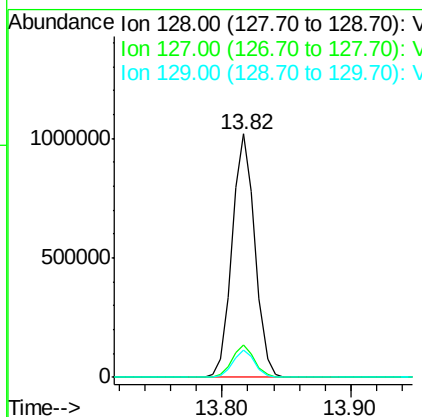
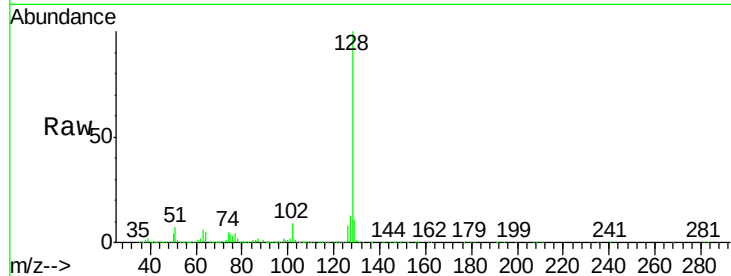
#95
Naphthalene
Concen: 49.702 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/5/2020 2:51:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.310 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017758.D
Acq: 04 Aug 2020 09:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	32.2	16.3	48.9

