

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051120\
 Data File : VX016164.D
 Acq On : 11 May 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: May 12 07:55:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	290358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	181933	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	144752	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.70	98	557242	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	216791	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	152489	49.616	ug/l	100
3) Chloromethane	1.31	50	165665	46.415	ug/l	99
4) Vinyl Chloride	1.39	62	182714	47.982	ug/l	100
5) Bromomethane	1.62	94	79429	41.374	ug/l	96
6) Chloroethane	1.70	64	113203	48.859	ug/l	99
7) Trichlorofluoromethane	1.92	101	242316	48.470	ug/l	98
8) Diethyl Ether	2.17	74	103038	48.916	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138789	48.119	ug/l	98
10) Methyl Iodide	2.49	142	162694	41.994	ug/l	100
11) Tert butyl alcohol	3.02	59	227614	235.580	ug/l	100
12) 1,1-Dichloroethene	2.36	96	144789	47.970	ug/l	96
13) Acrolein	2.27	56	111166	183.865	ug/l	99
14) Allyl chloride	2.71	41	269906	48.771	ug/l	97
15) Acrylonitrile	3.12	53	508978	253.936	ug/l	99
16) Acetone	2.42	43	415401	243.664	ug/l	98
17) Carbon Disulfide	2.55	76	421979	46.541	ug/l	99
18) Methyl Acetate	2.75	43	219901	52.461	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	538133	51.719	ug/l	100
20) Methylene Chloride	2.84	84	167799	47.745	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	160715	47.782	ug/l	99
22) Diisopropyl ether	3.82	45	528681	50.637	ug/l	99
23) Vinyl Acetate	3.79	43	2349057	255.736	ug/l	100
24) 1,1-Dichloroethane	3.67	63	297336	50.910	ug/l	98
25) 2-Butanone	4.64	43	706201	257.068	ug/l	100
26) 2,2-Dichloropropane	4.56	77	234957	44.051	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	185831	50.537	ug/l	97
28) Bromochloromethane	4.98	49	133573	50.156	ug/l	99
29) Tetrahydrofuran	5.09	42	458277	251.764	ug/l	99
30) Chloroform	5.18	83	295293	50.780	ug/l	98
31) Cyclohexane	5.55	56	256926	48.405	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268161	50.732	ug/l	99
36) 1,1-Dichloropropene	5.78	75	221801	47.290	ug/l	99
37) Ethyl Acetate	4.79	43	268887	49.464	ug/l	100
38) Carbon Tetrachloride	5.76	117	233705	49.023	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	255705	45.271	ug/l	99
40) Benzene	6.12	78	672878	49.032	ug/l	98
41) Methacrylonitrile	5.01	41	142909	48.679	ug/l	99
42) 1,2-Dichloroethane	6.17	62	235020	47.541	ug/l	99
43) Isopropyl Acetate	6.42	43	429020	49.464	ug/l	100
44) Trichloroethene	7.19	130	204157	41.875	ug/l	100
45) 1,2-Dichloropropane	7.49	63	173851	50.066	ug/l	97
46) Dibromomethane	7.64	93	115556	48.969	ug/l	99
47) Bromodichloromethane	7.88	83	239530	49.839	ug/l	97
48) Methyl methacrylate	7.74	41	203691	49.561	ug/l	98
49) 1,4-Dioxane	7.71	88	82757	839.588	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1350416	254.429	ug/l	99
52) Toluene	8.77	92	423127	49.466	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	277420	48.413	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	292098	48.802	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	170634	50.702	ug/l	99
56) Ethyl methacrylate	9.16	69	284336	51.759	ug/l	97
57) 1,3-Dichloropropane	9.35	76	293910	50.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	704465	240.878	ug/l	100
59) 2-Hexanone	9.48	43	1052123	252.416	ug/l	99
60) Dibromochloromethane	9.57	129	194066	52.358	ug/l	99
61) 1,2-Dibromoethane	9.65	107	183259	50.272	ug/l	99
64) Tetrachloroethene	9.32	164	229083	42.147	ug/l	98
65) Chlorobenzene	10.12	112	456454	49.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	171879	50.161	ug/l	100
67) Ethyl Benzene	10.24	91	797715	48.226	ug/l	99
68) m/p-Xylenes	10.34	106	602711	97.252	ug/l	99
69) o-Xylene	10.68	106	295323	49.574	ug/l	98
70) Styrene	10.70	104	515389	50.996	ug/l	99
71) Bromoform	10.84	173	147202	52.728	ug/l #	99
73) Isopropylbenzene	11.00	105	767313	47.090	ug/l	100
74) N-amyl acetate	10.88	43	372561	49.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	211919	63.958	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	246739m	48.535	ug/l	
77) Bromobenzene	11.24	156	198563	47.211	ug/l	99
78) n-propylbenzene	11.34	91	890762	46.991	ug/l	100
79) 2-Chlorotoluene	11.40	91	529199	47.295	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	654398	47.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100696	47.203	ug/l	98
82) 4-Chlorotoluene	11.49	91	629743	47.660	ug/l	100
83) tert-Butylbenzene	11.76	119	572105	48.253	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	660823	47.510	ug/l	99
85) sec-Butylbenzene	11.93	105	737999	46.101	ug/l	99
86) p-Isopropyltoluene	12.05	119	693801	46.680	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	353132	46.761	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	355295	46.354	ug/l	100
89) n-Butylbenzene	12.37	91	612049	45.076	ug/l	100
90) Hexachloroethane	12.58	117	119706	46.896	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	338710	46.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64574	48.195	ug/l	97

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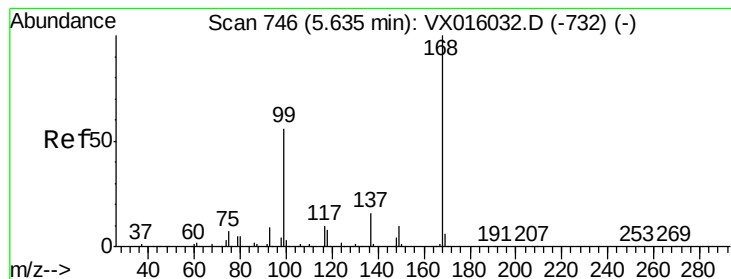
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245975	45.689	ug/l	96
94) Hexachlorobutadiene	13.77	225	95209	41.164	ug/l	100
95) Naphthalene	13.82	128	819798	47.028	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	239112	45.446	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 290358

Ion Ratio Lower Upper

168 100

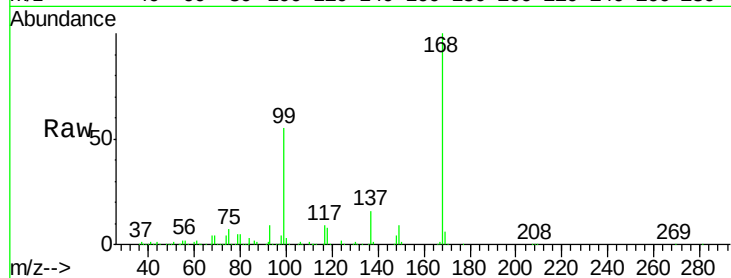
99 55.4 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

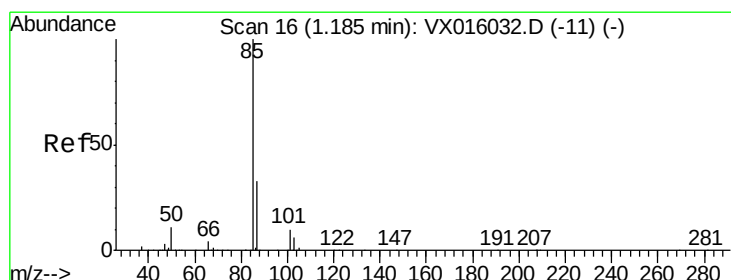
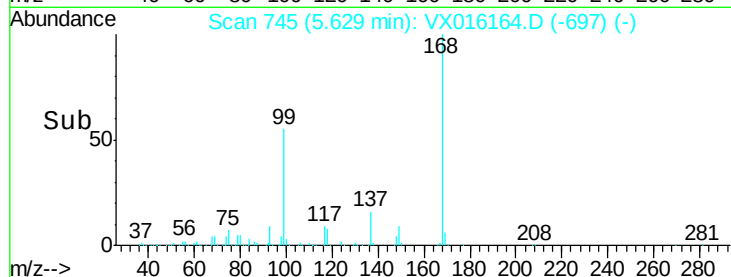
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.616 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016164.D

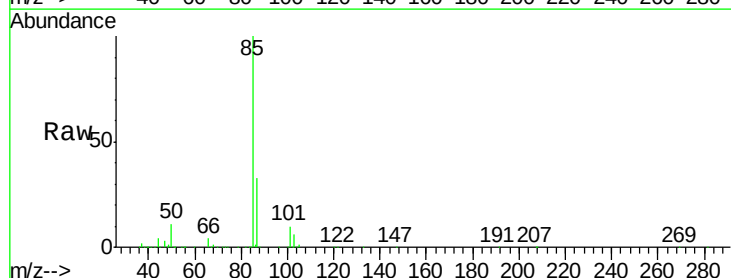
Acq: 11 May 2020 20:59

Tgt Ion: 85 Resp: 152489

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

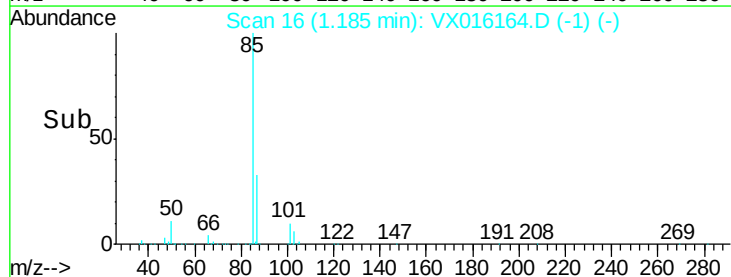
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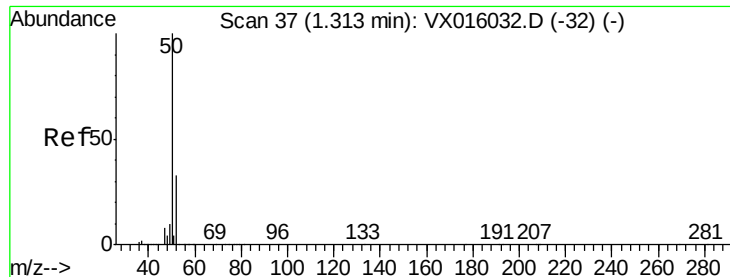
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 165665

Ion Ratio Lower Upper

50 100

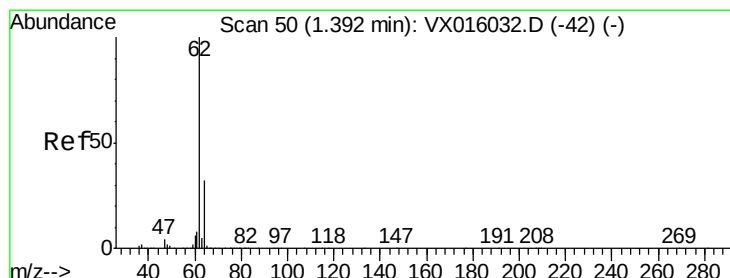
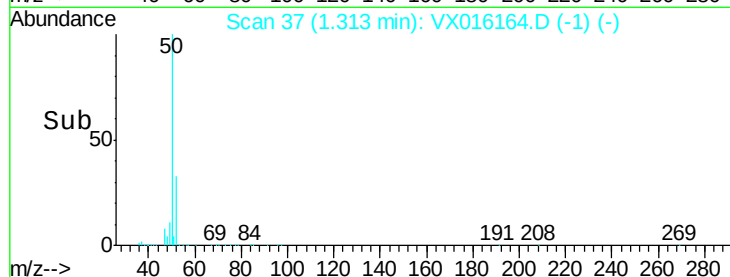
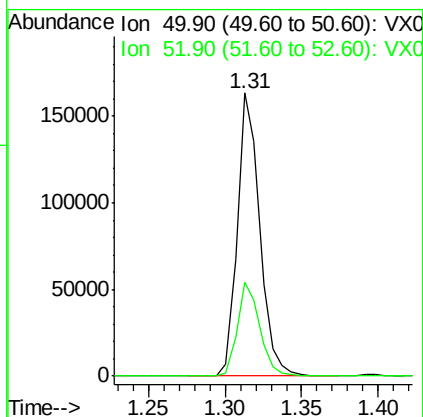
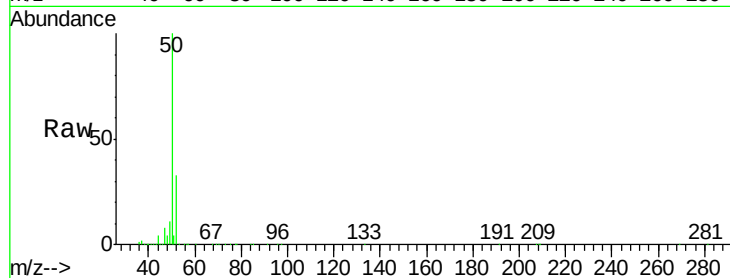
52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 47.982 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016164.D

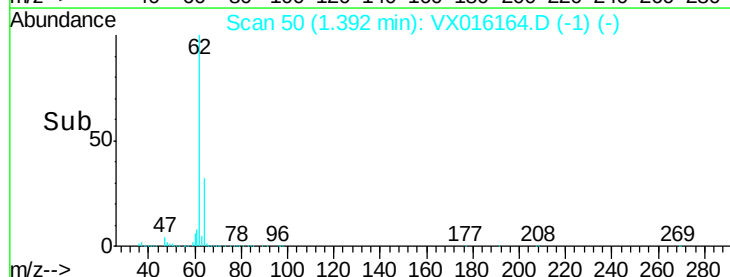
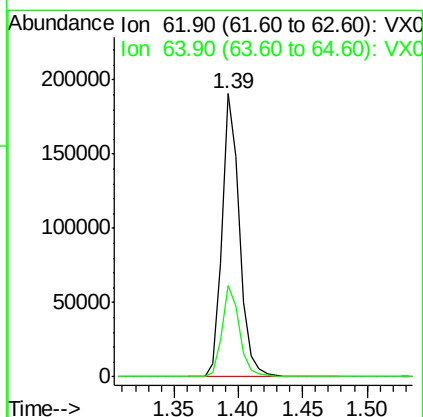
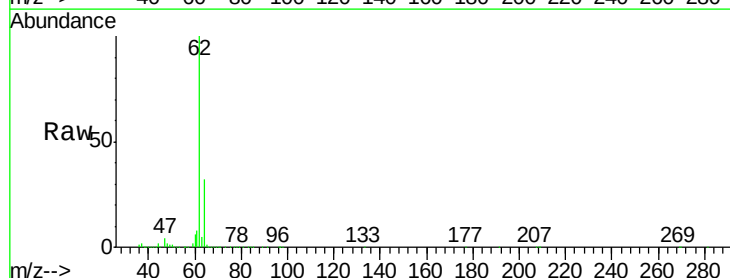
Acq: 11 May 2020 20:59

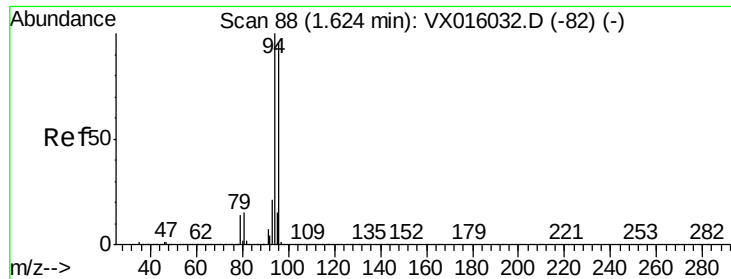
Tgt Ion: 62 Resp: 182714

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 41.374 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 79429

Ion Ratio Lower Upper

94 100

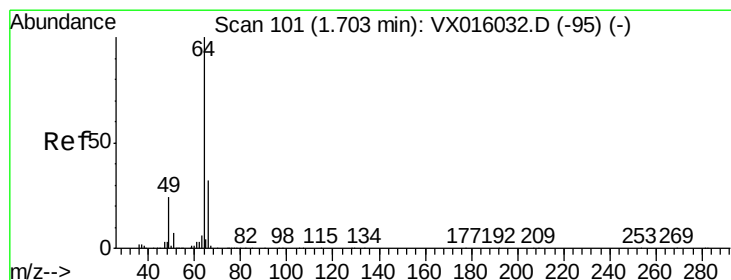
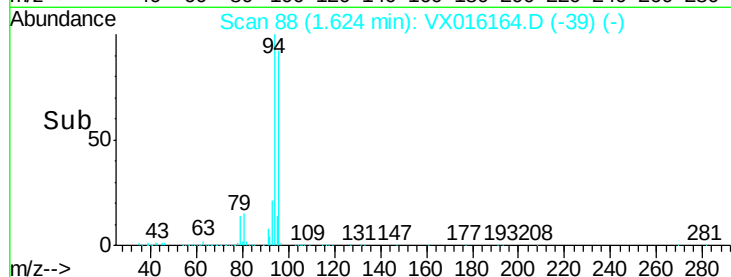
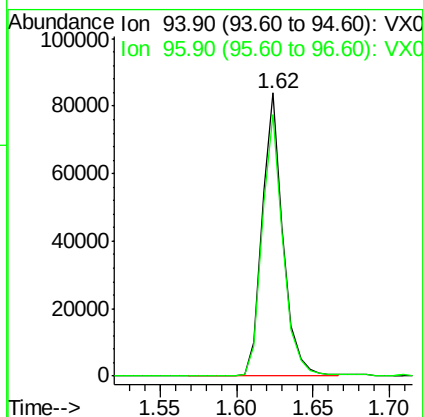
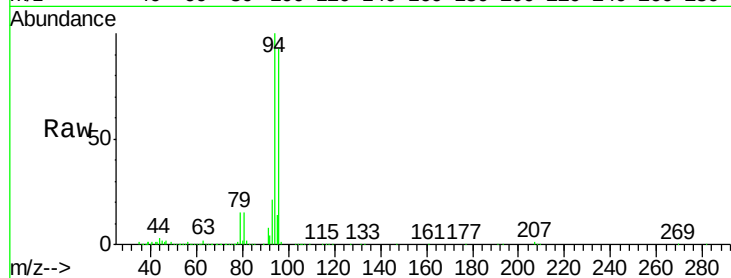
96 92.4 76.9 115.3

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#6

Chloroethane

Concen: 48.859 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016164.D

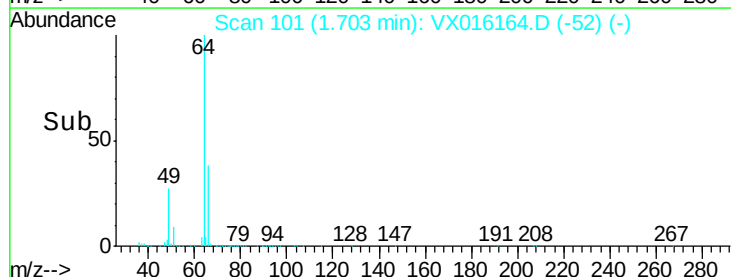
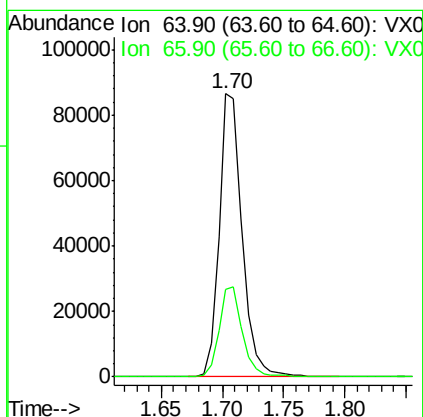
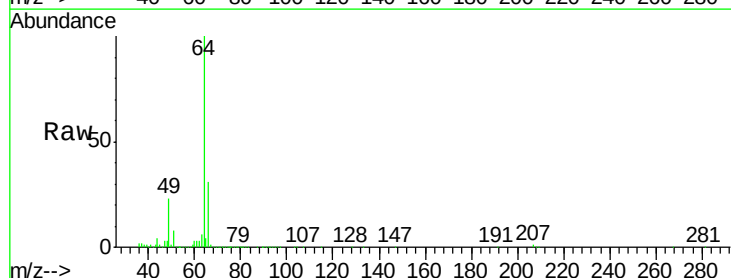
Acq: 11 May 2020 20:59

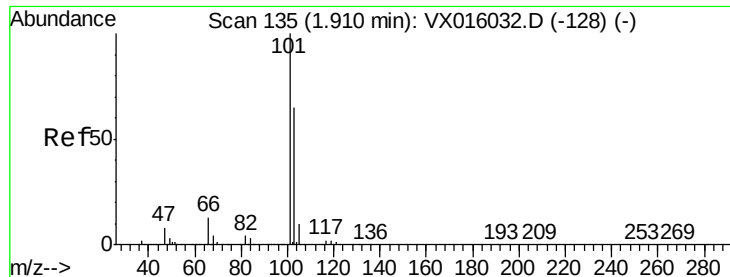
Tgt Ion: 64 Resp: 113203

Ion Ratio Lower Upper

64 100

66 31.0 25.2 37.8





#7

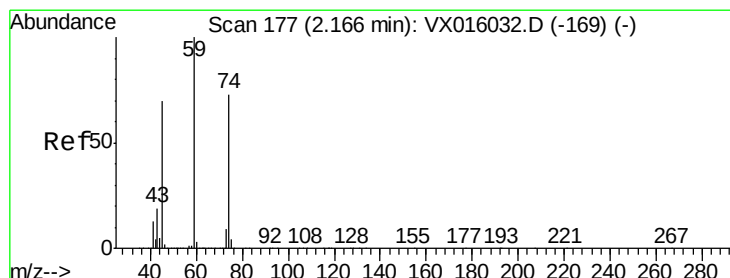
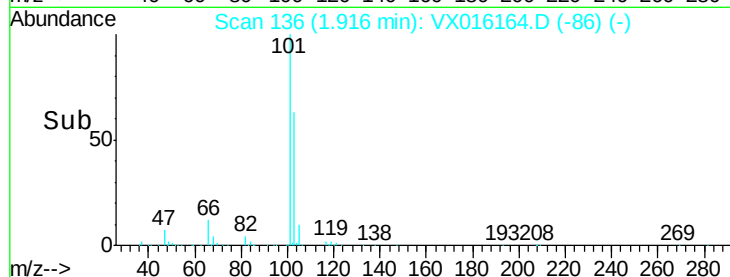
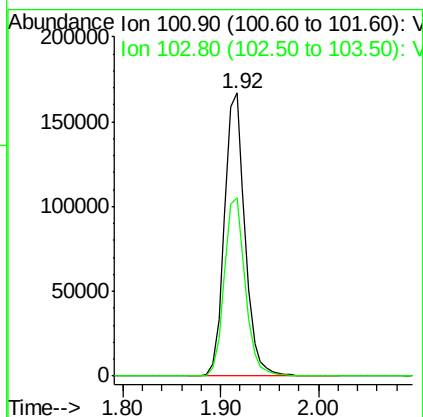
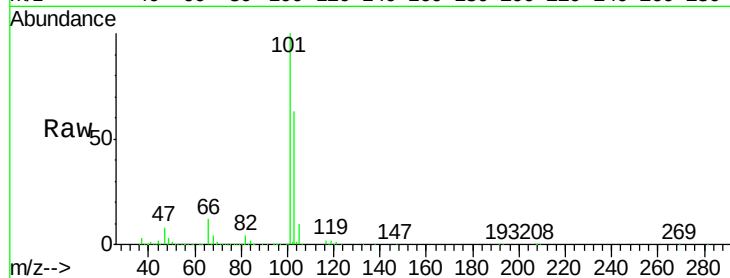
Trichlorofluoromethane
 Concen: 48.470 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.8	77.6

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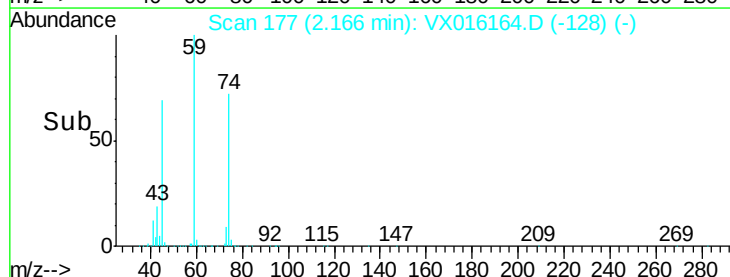
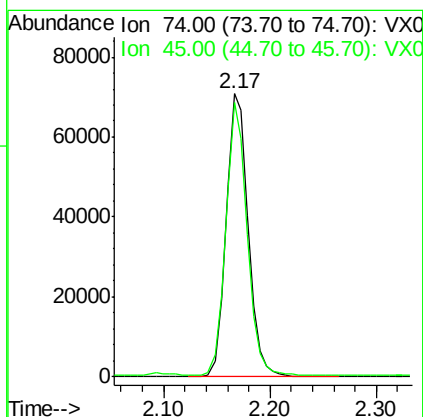
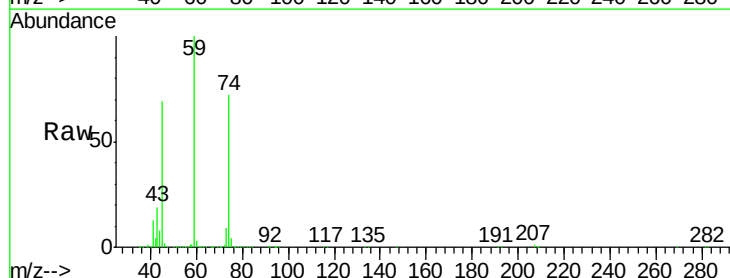
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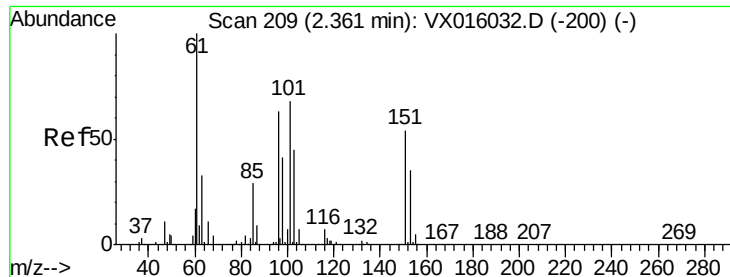


#8

Diethyl Ether
 Concen: 48.916 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.119 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

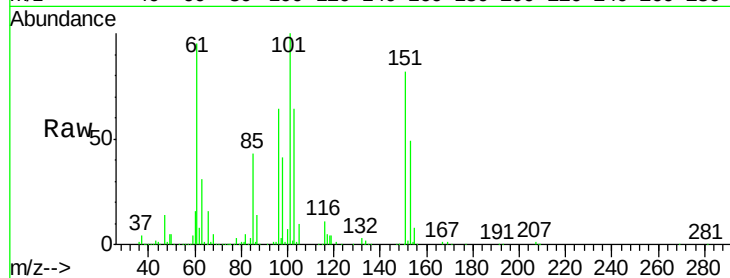
ClientSampleId :

VSTDCCC050EC

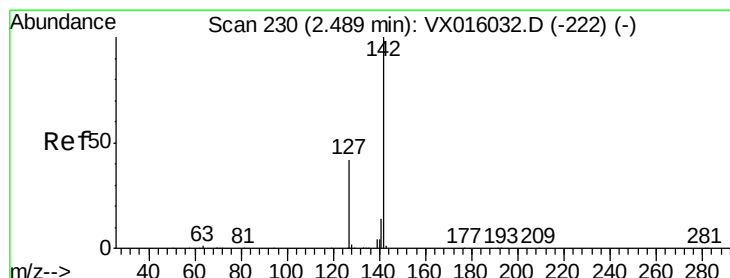
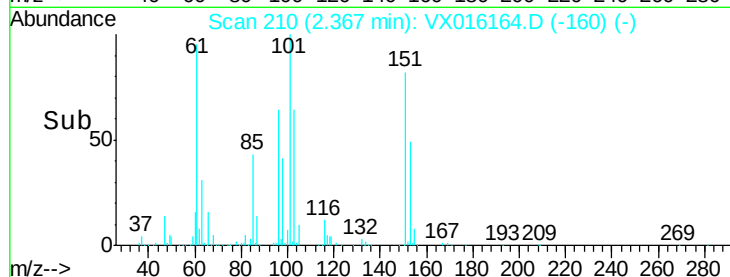
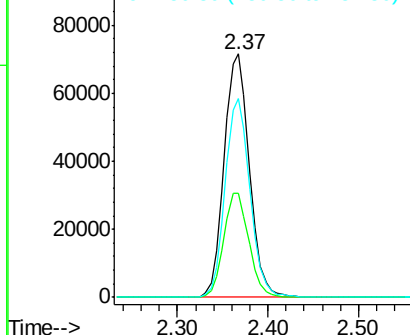
Tot Ion:	101	Resp:	138789
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	80.0	62.1	93.1

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



#10

Methyl Iodide

Concen: 41.994 ug/l

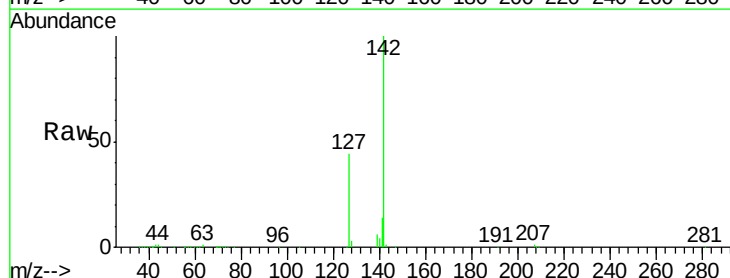
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

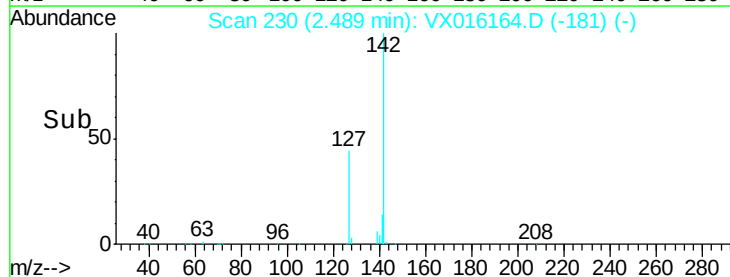
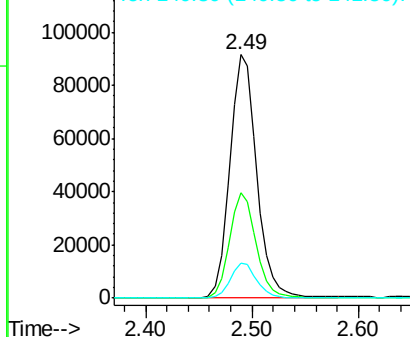
Lab File: VX016164.D

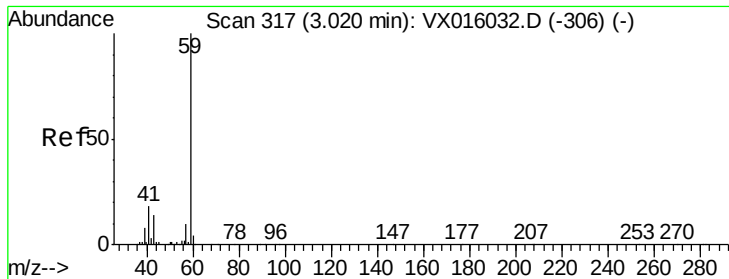
Acq: 11 May 2020 20:59

Tgt Ion:	142	Resp:	162694
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.1	11.3	16.9



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





#11

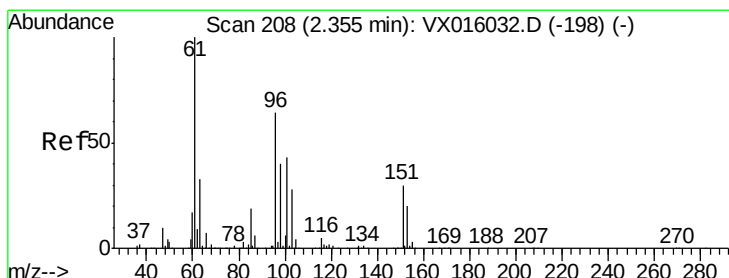
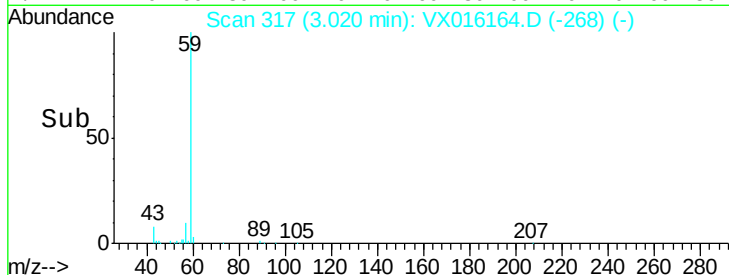
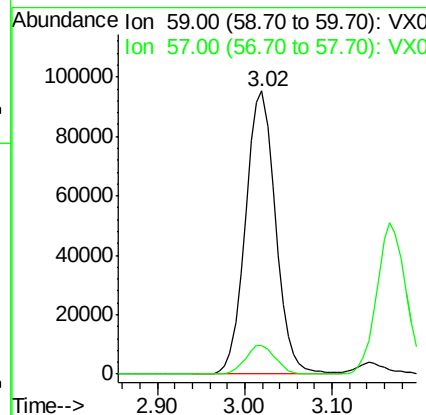
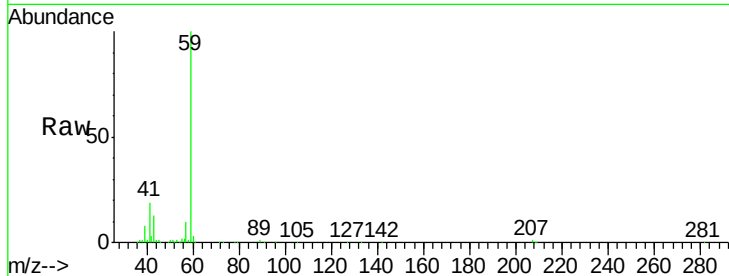
Tert butyl alcohol
Concen: 235.580 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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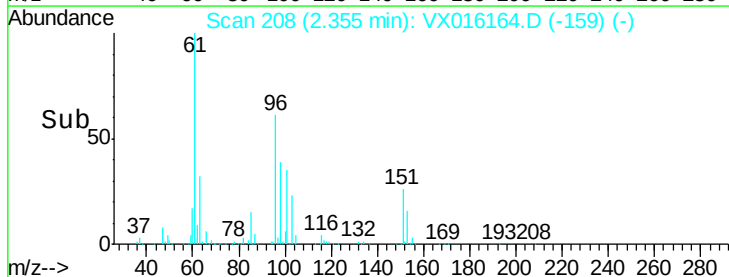
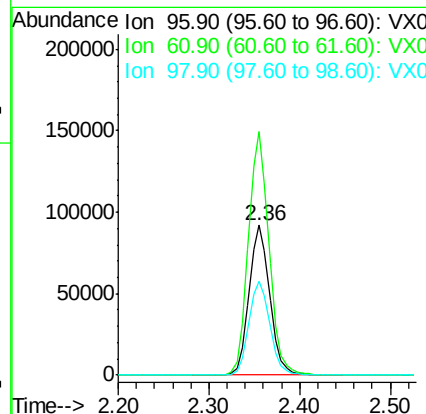
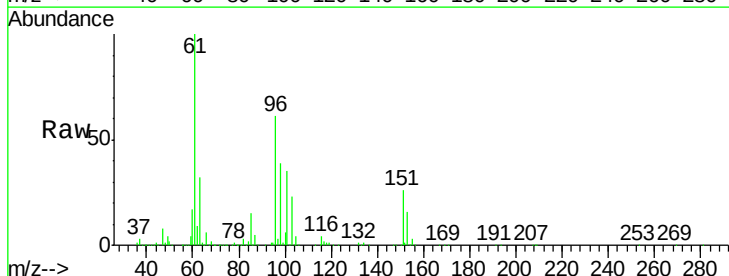
apatel
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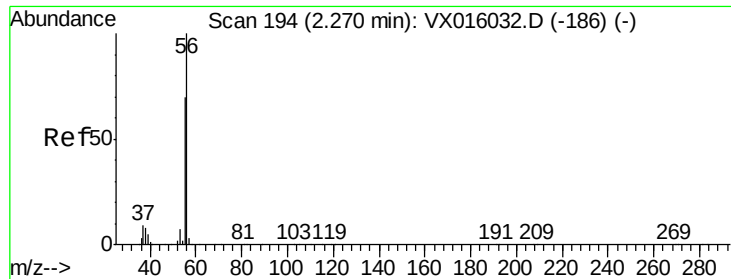


#12

1,1-Dichloroethene
Concen: 47.970 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	124.8	187.2
98	62.9	49.7	74.5





#13

Acrolein

Concen: 183.865 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 111166

Ion Ratio Lower Upper

56 100

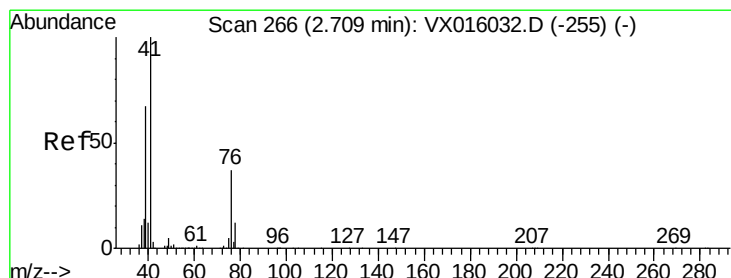
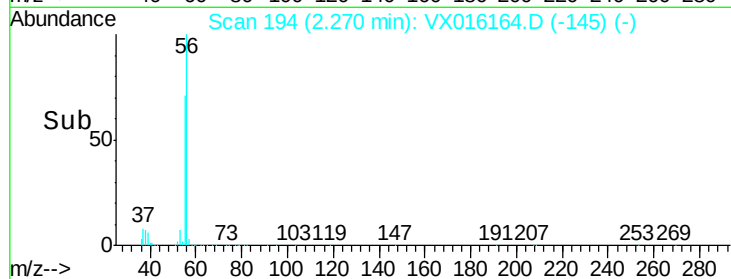
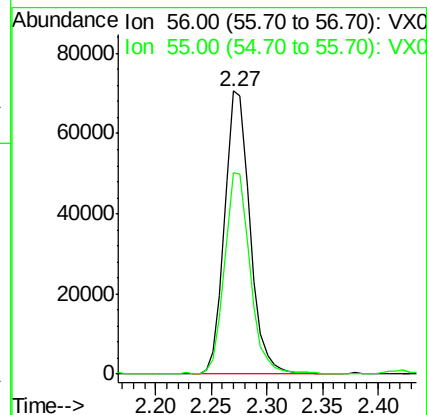
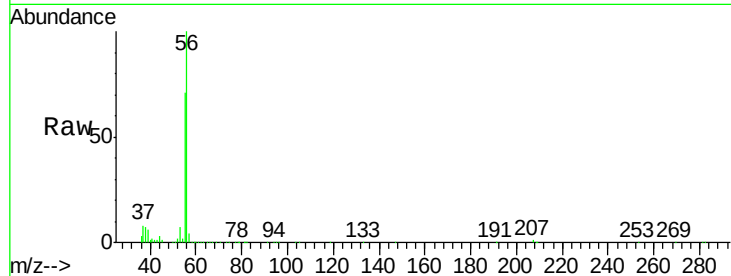
55 71.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 48.771 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

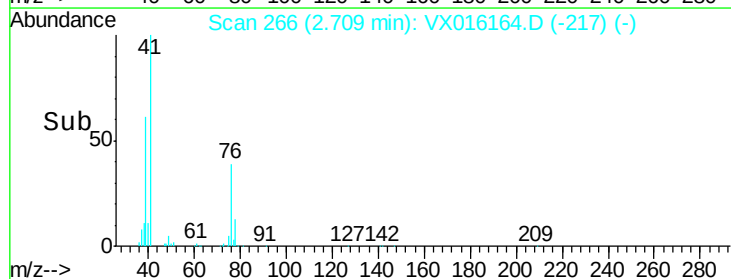
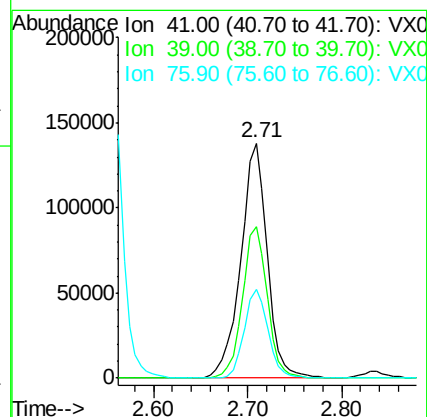
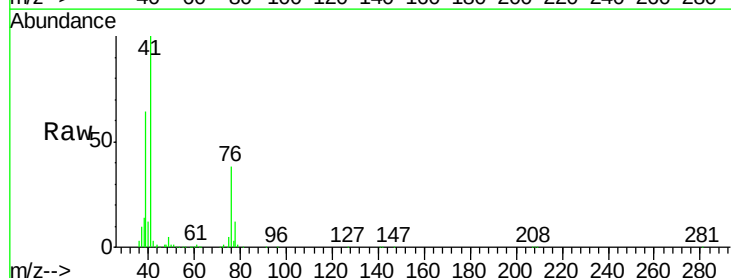
Tgt Ion: 41 Resp: 269906

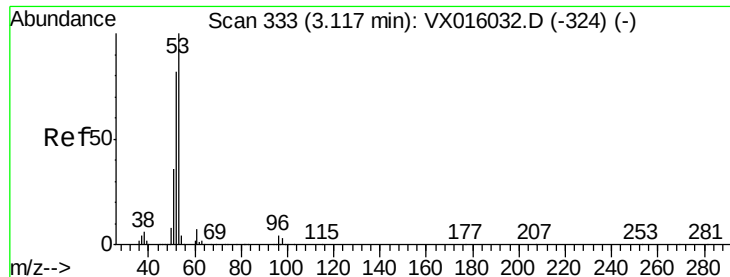
Ion Ratio Lower Upper

41 100

39 60.6 50.5 75.7

76 33.9 26.6 40.0





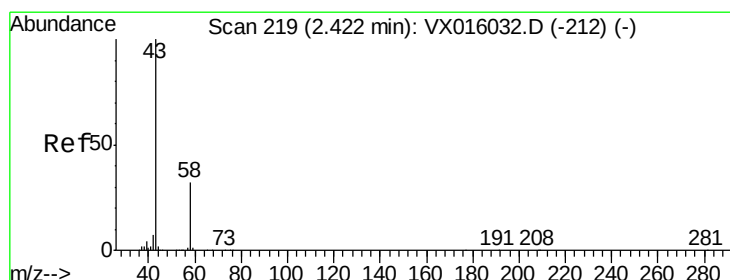
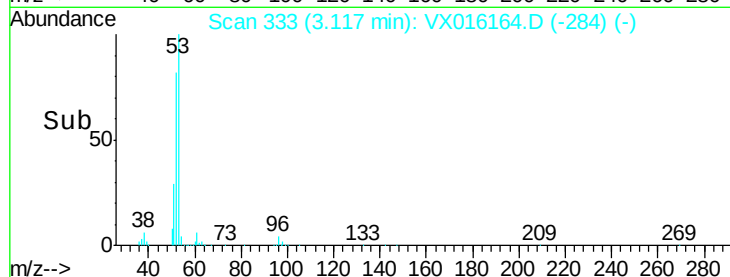
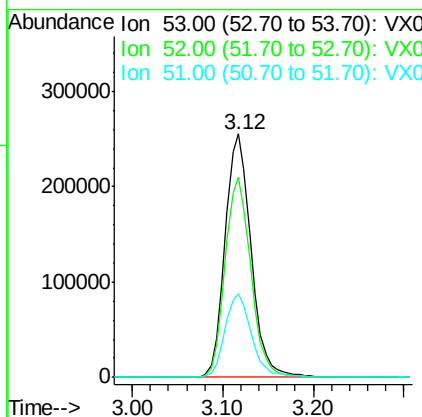
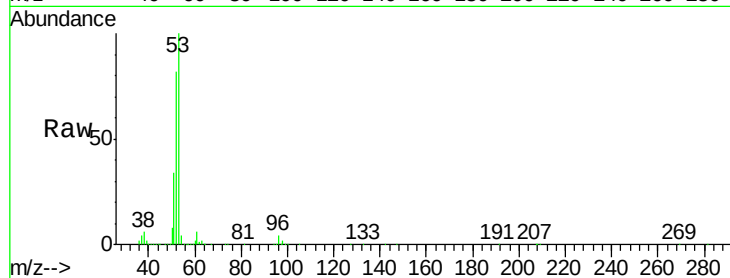
#15
 Acrylonitrile
 Concen: 253.936 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.0	28.8	43.2

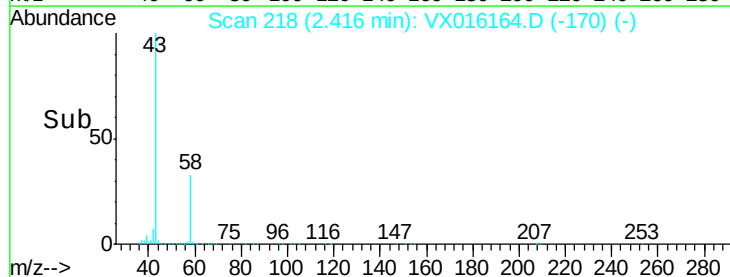
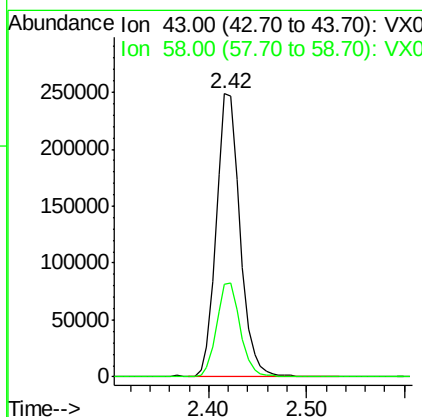
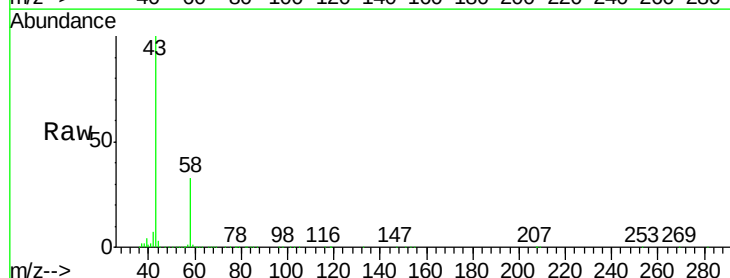
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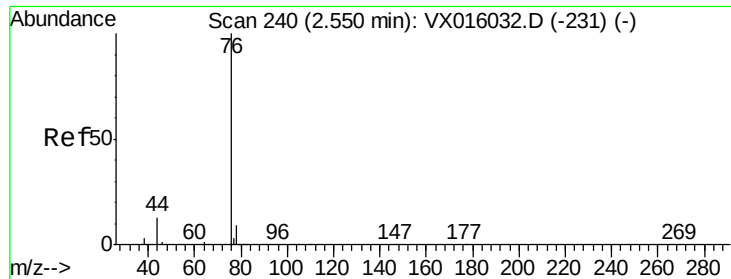
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#16
 Acetone
 Concen: 243.664 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.4	38.0





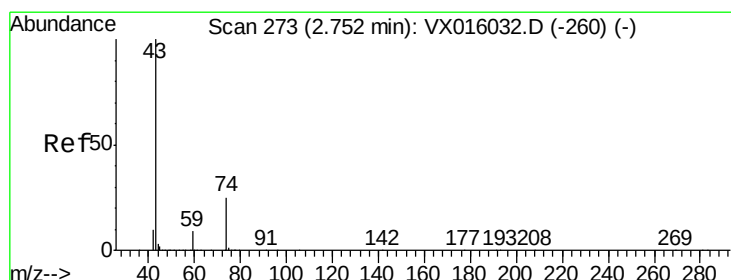
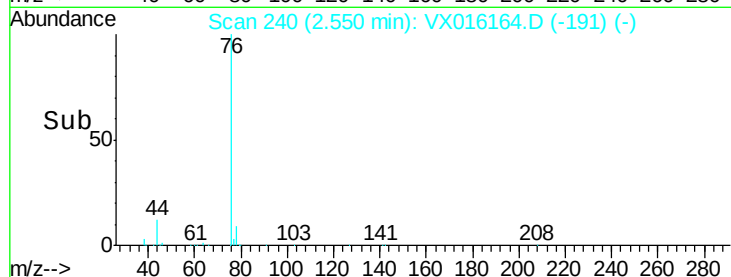
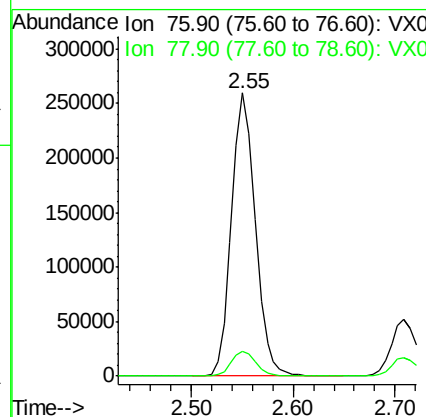
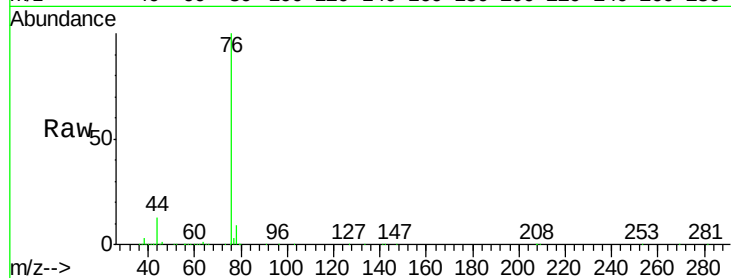
#17
Carbon Disulfide
Concen: 46.541 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

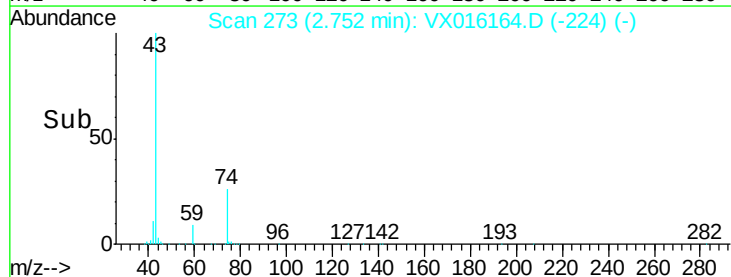
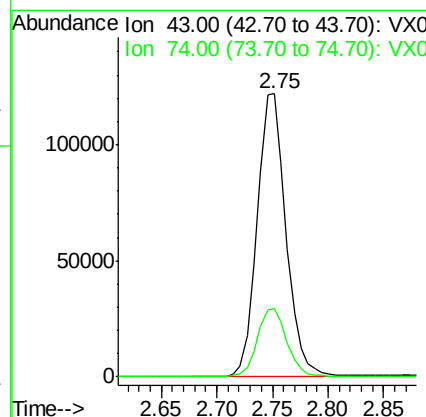
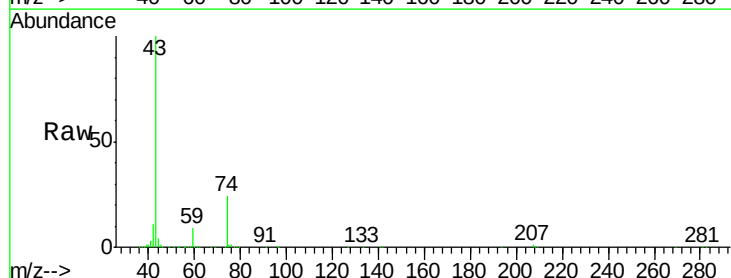
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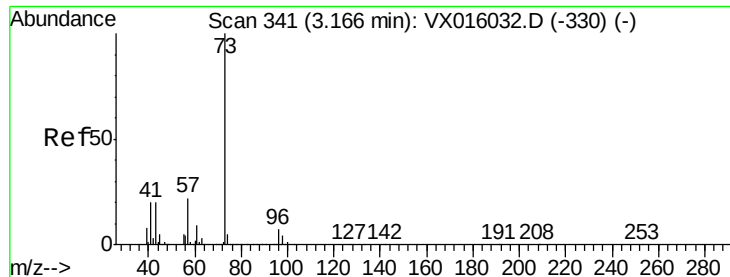
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#18
Methyl Acetate
Concen: 52.461 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.2	30.2





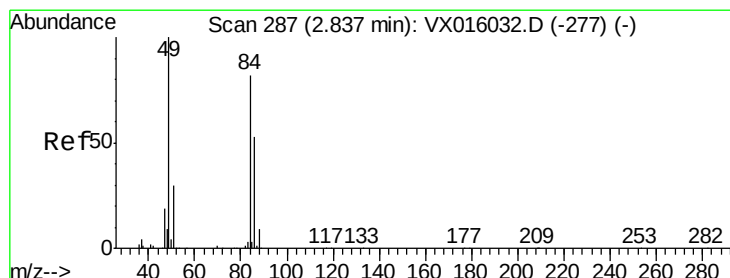
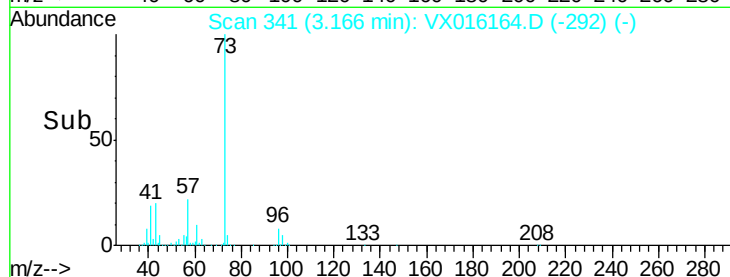
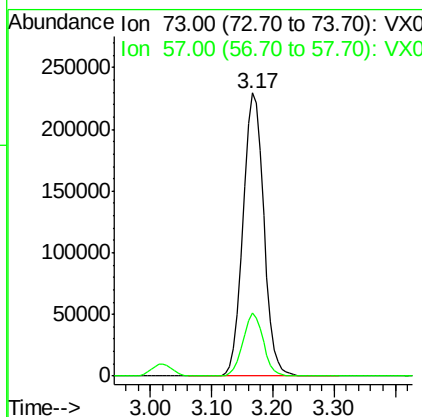
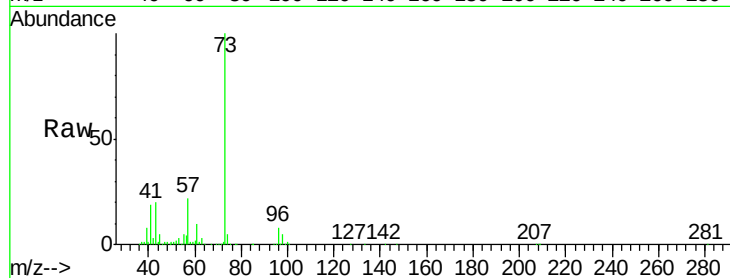
#19
Methyl tert-butyl Ether
Concen: 51.719 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

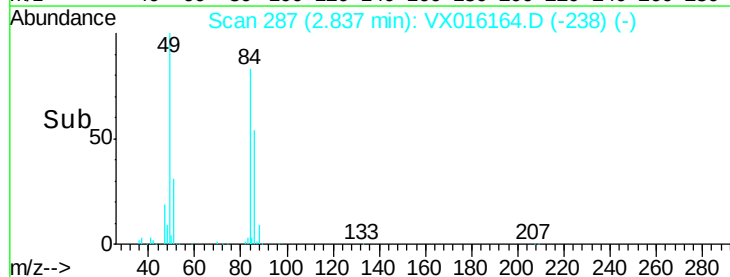
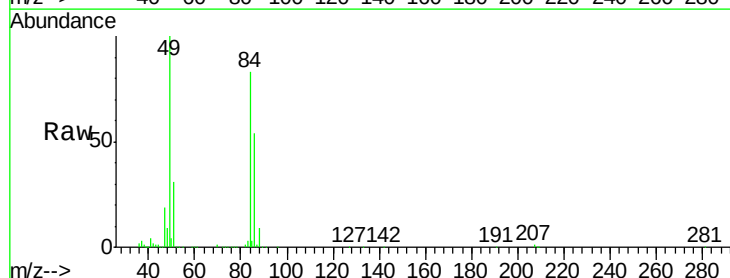
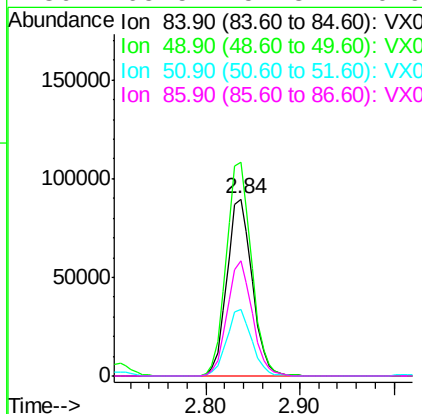
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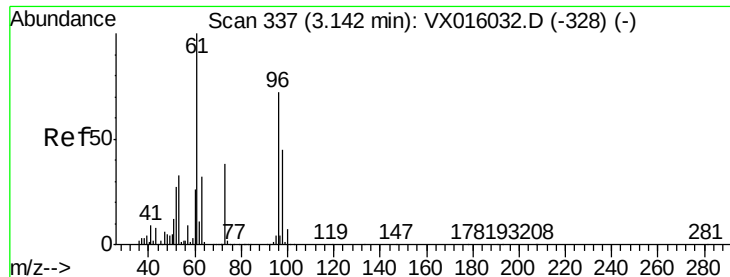
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#20
Methylene Chloride
Concen: 47.745 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	97.3	145.9
51	37.6	29.3	43.9
86	65.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.782 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

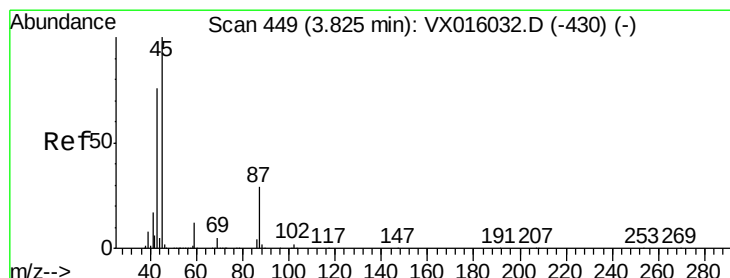
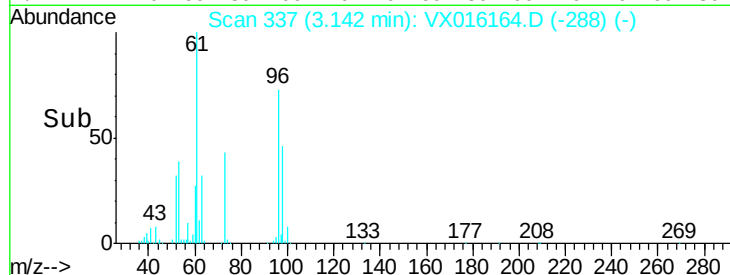
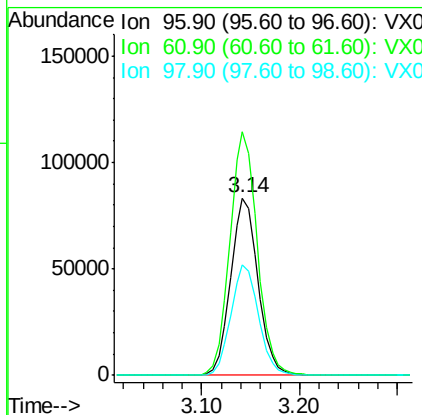
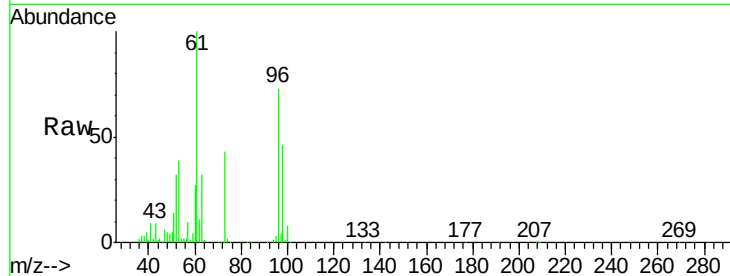
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	160715
Ion	Ratio	Lower	Upper
96	100		
61	137.6	111.2	166.8
98	62.8	50.2	75.4

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#22

Diisopropyl ether

Concen: 50.637 ug/l

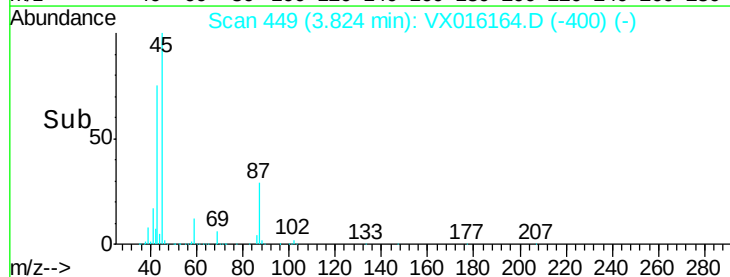
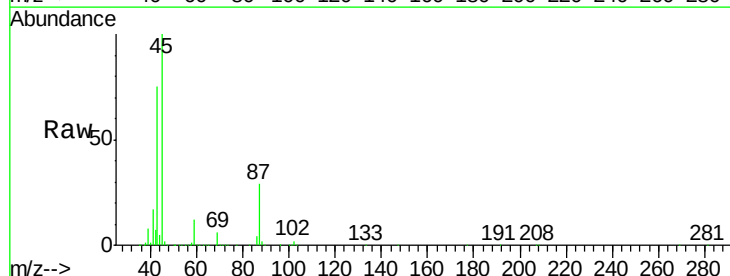
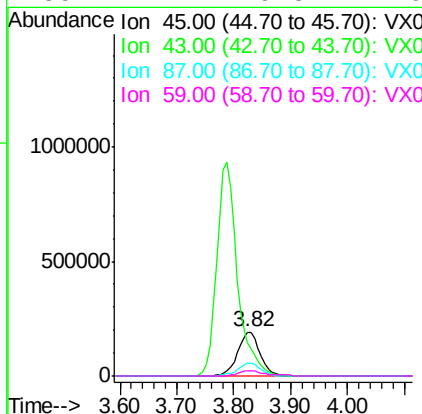
RT: 3.82 min Scan# 449

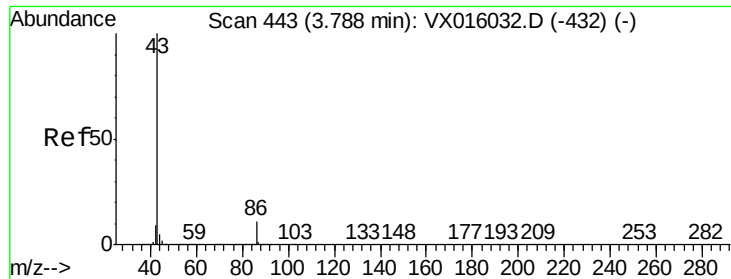
Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	45	Resp:	528681
Ion	Ratio	Lower	Upper
45	100		
43	75.1	61.1	91.7
87	28.9	23.0	34.6
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 255.736 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2349057

Ion Ratio Lower Upper

43 100

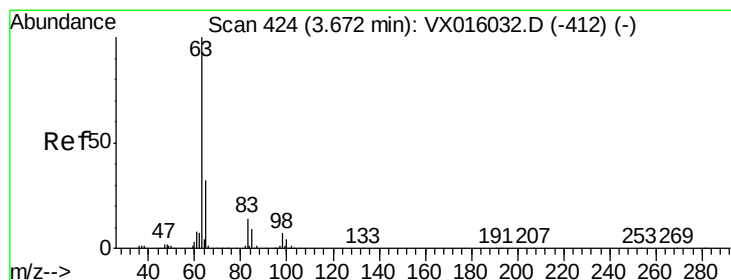
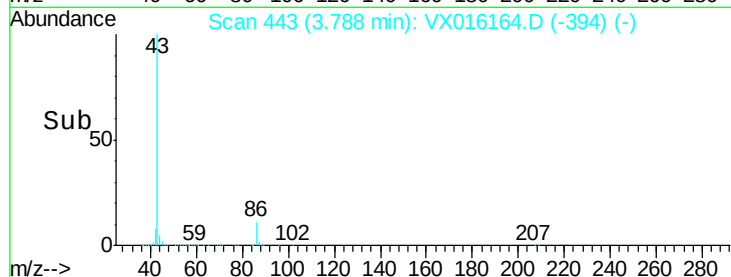
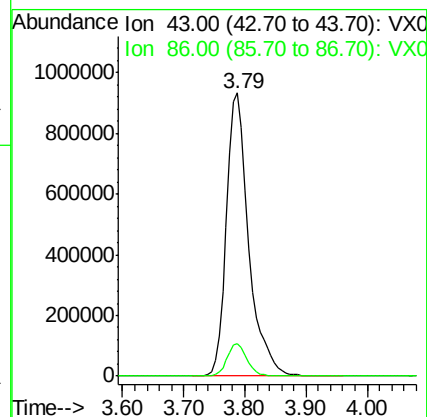
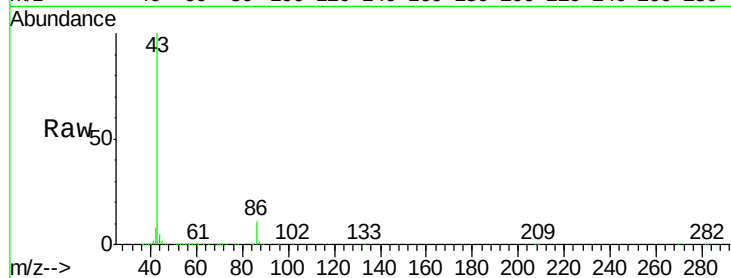
86 11.4 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 50.910 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

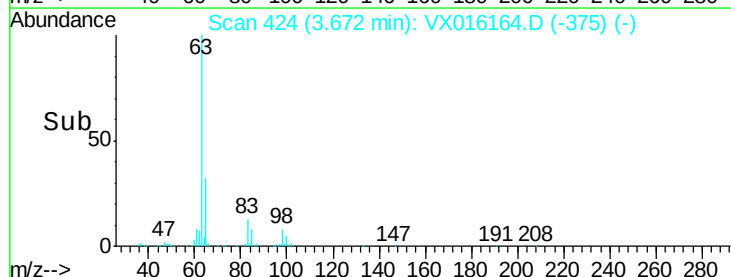
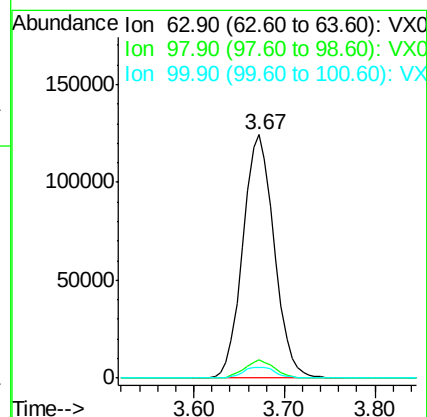
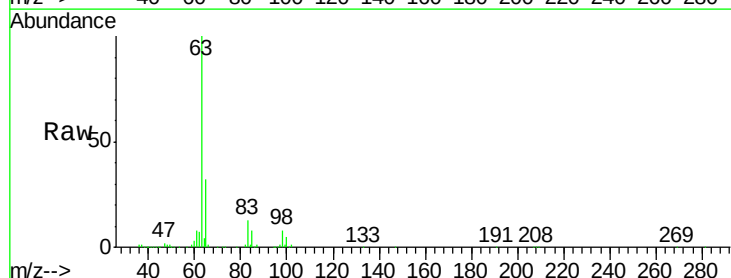
Tgt Ion: 63 Resp: 297336

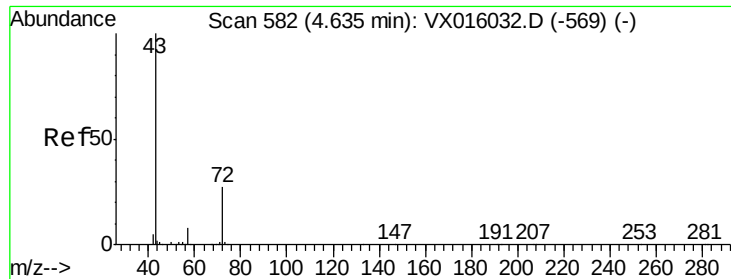
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 257.068 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 706201

Ion Ratio Lower Upper

43 100

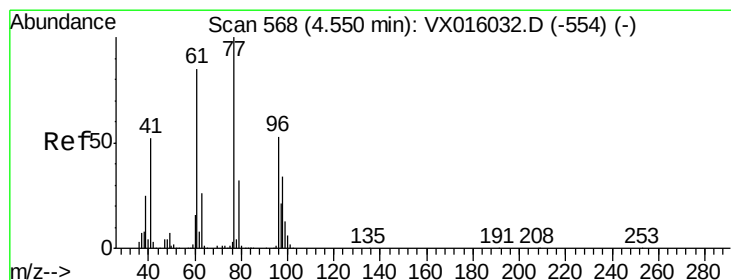
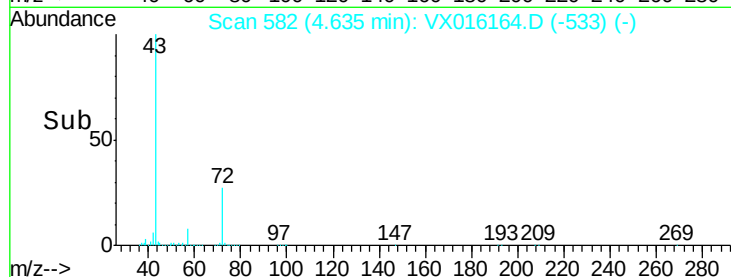
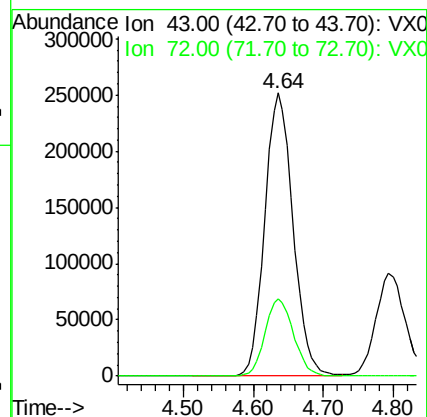
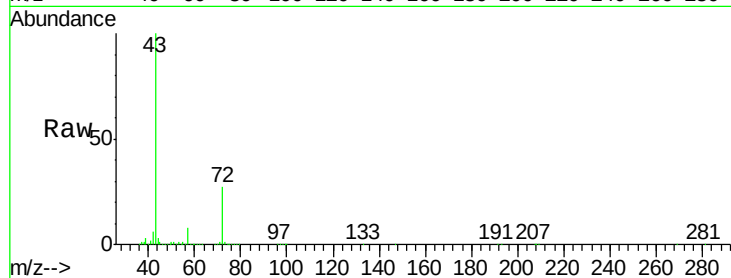
72 27.3 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.051 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016164.D

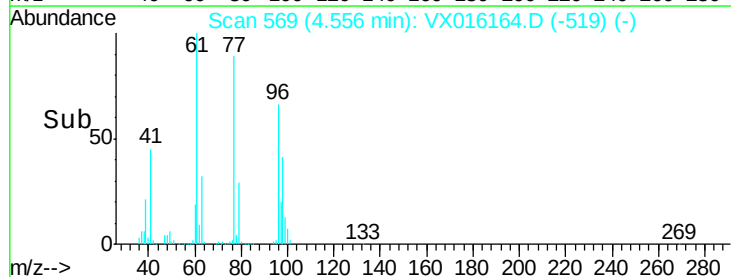
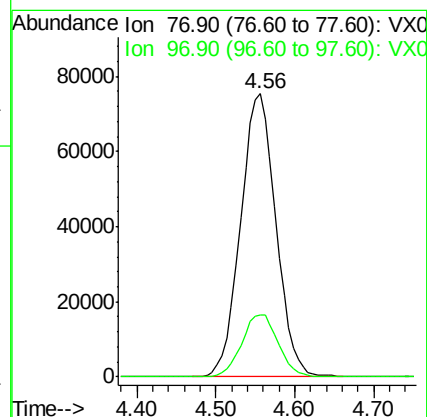
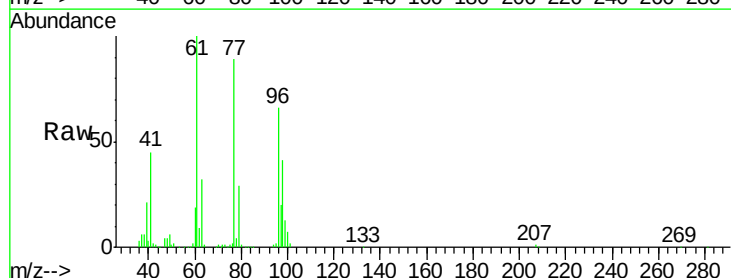
Acq: 11 May 2020 20:59

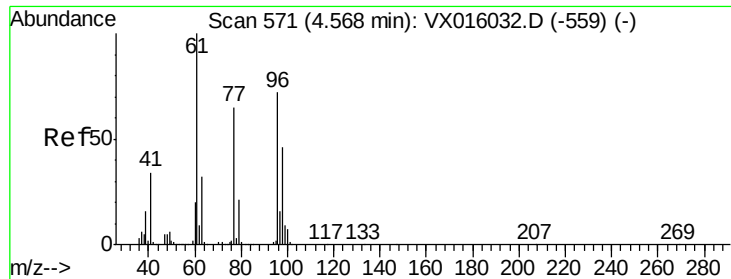
Tgt Ion: 77 Resp: 234957

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

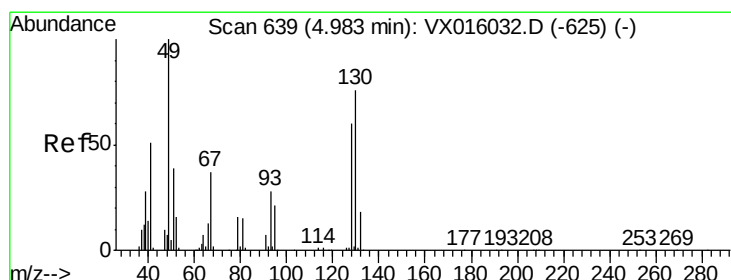
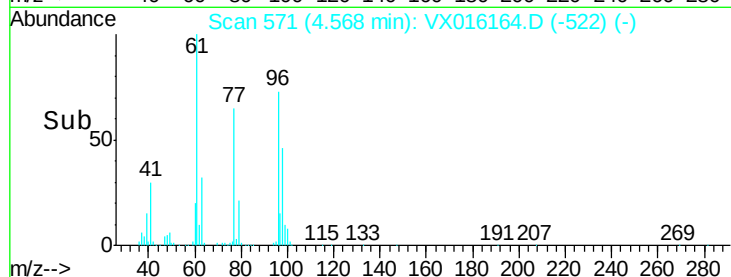
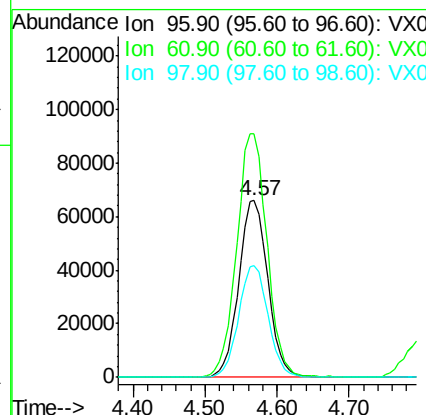
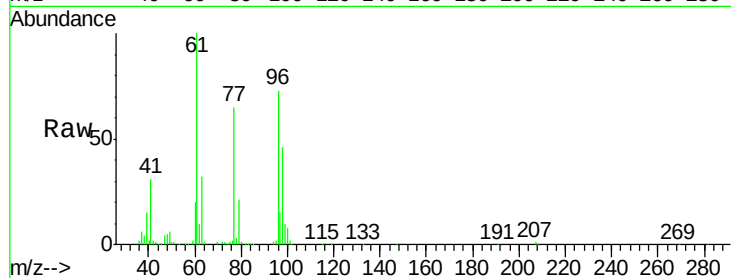
cis-1,2-Dichloroethene
Concen: 50.537 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185831		
61	142.9	0.0	296.2	
98	63.8	0.0	129.4	

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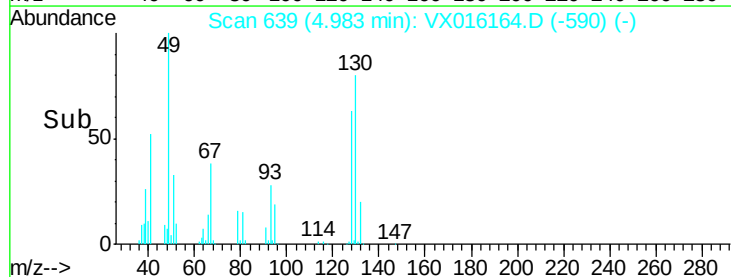
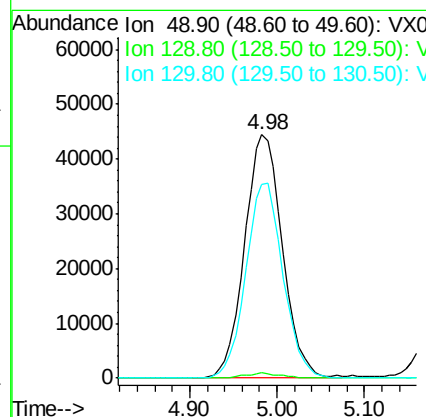
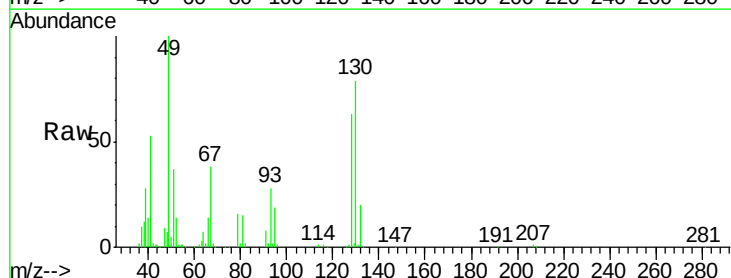
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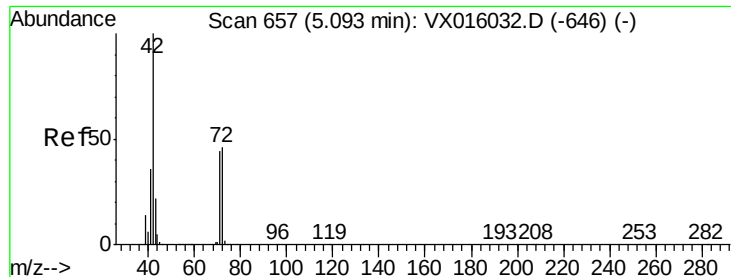


#28

Bromochloromethane
Concen: 50.156 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133573		
129	2.0	0.0	4.0	
130	78.9	62.4	93.6	





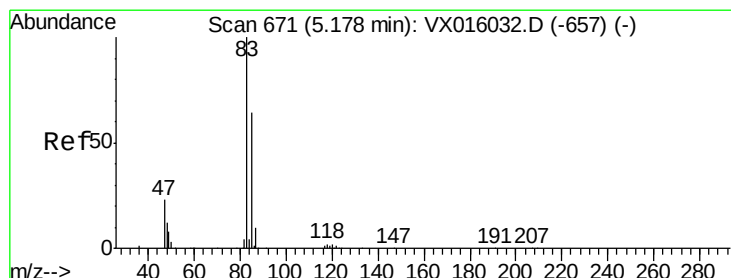
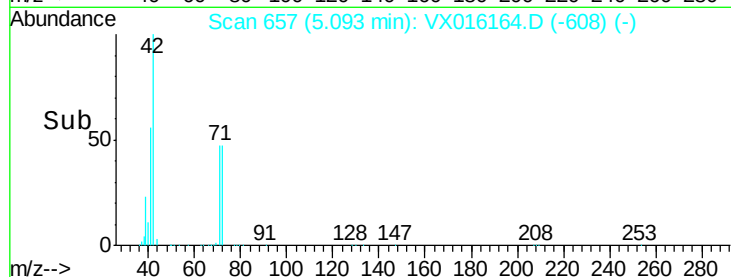
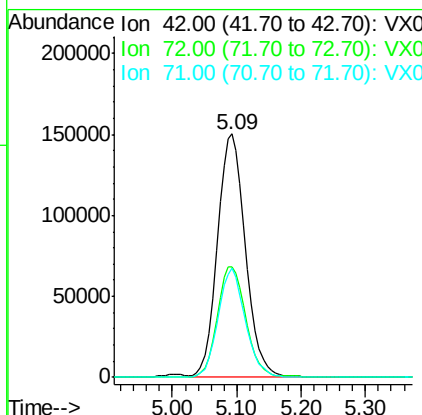
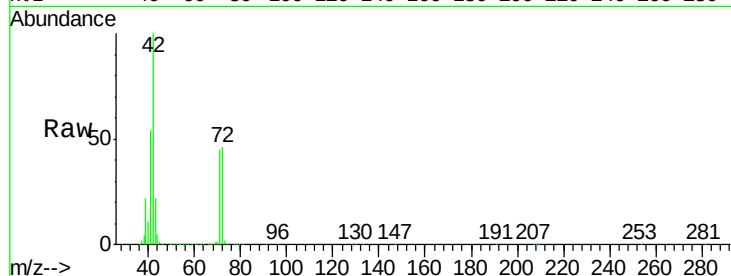
#29
Tetrahydrofuran
Concen: 251.764 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	458277
Ion Ratio		Lower	Upper
42	100		
72	46.9	37.1	55.7
71	43.7	34.5	51.7

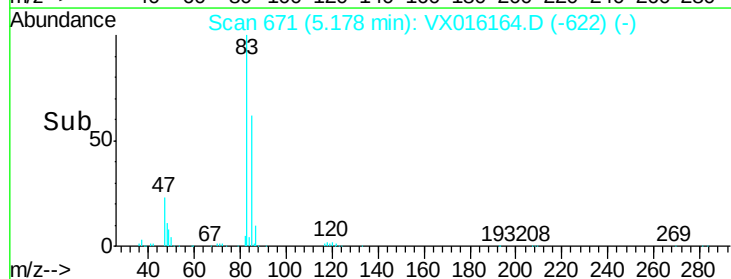
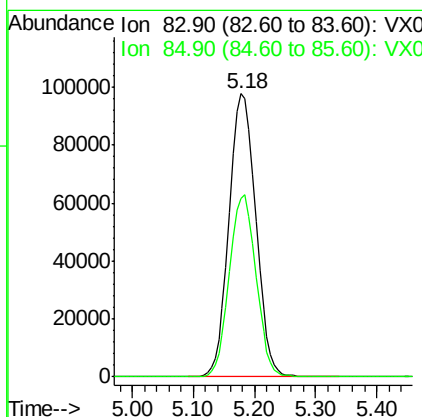
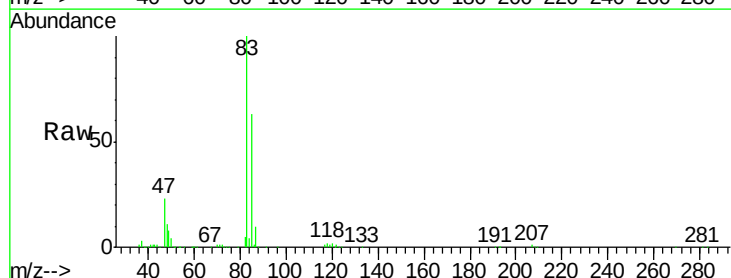
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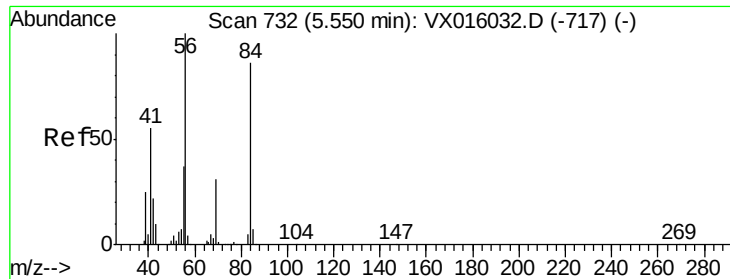
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#30
Chloroform
Concen: 50.780 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion:	83	Resp:	295293
Ion Ratio		Lower	Upper
83	100		
85	62.8	51.6	77.4





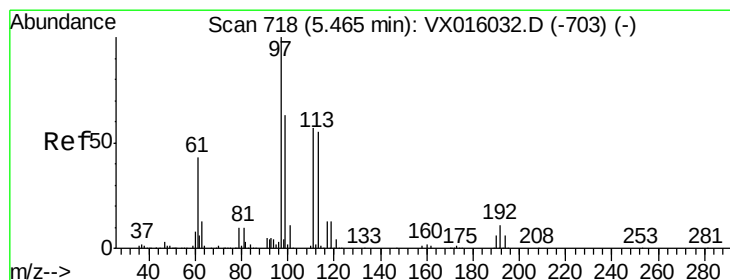
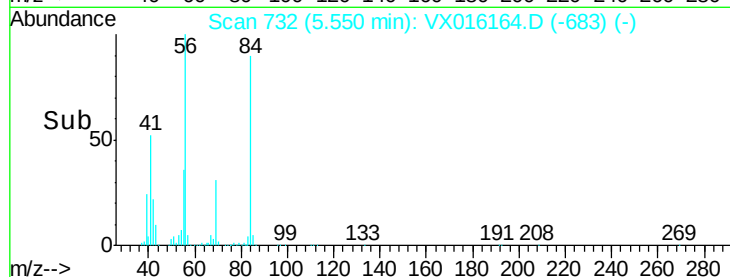
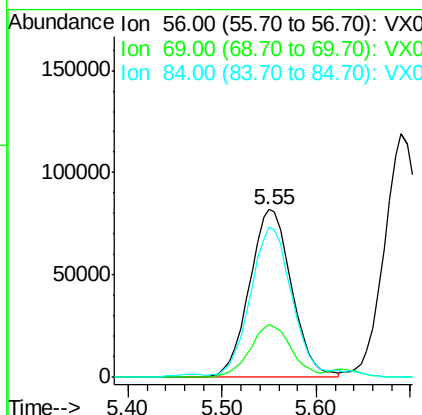
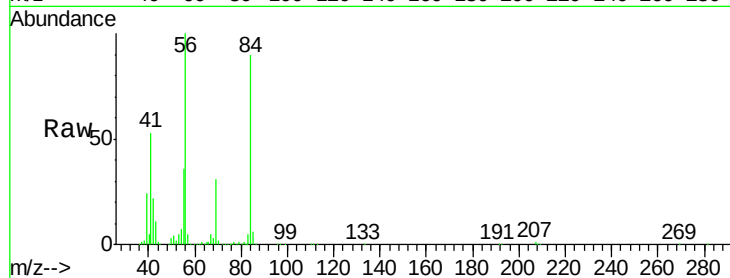
#31
Cyclohexane
Concen: 48.405 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	88.0	69.0	103.6

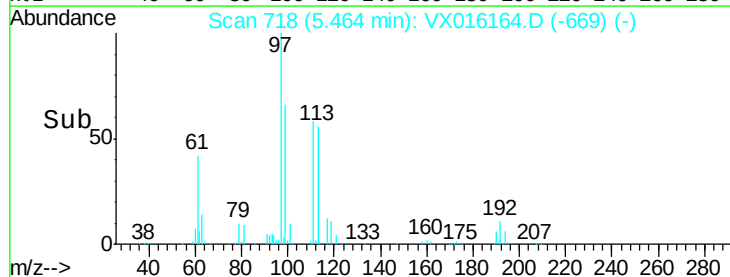
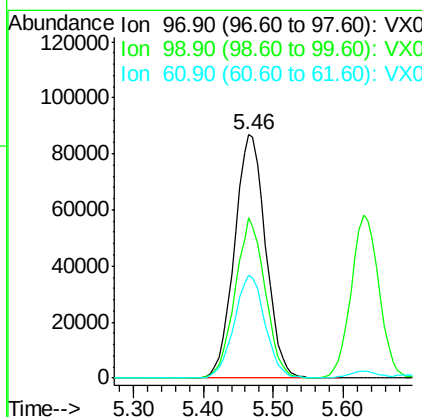
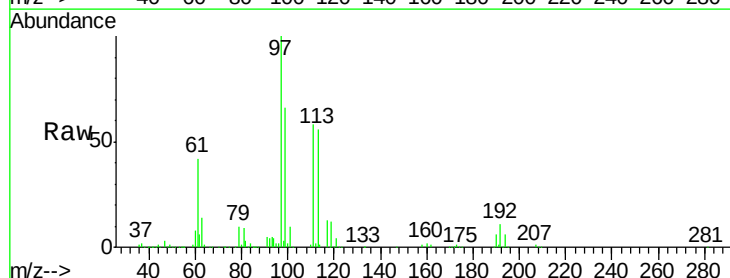
Manual Integrations
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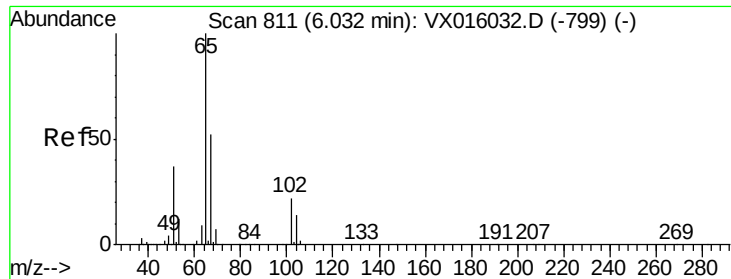
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#32
1,1,1-Trichloroethane
Concen: 50.732 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	41.9	34.5	51.7





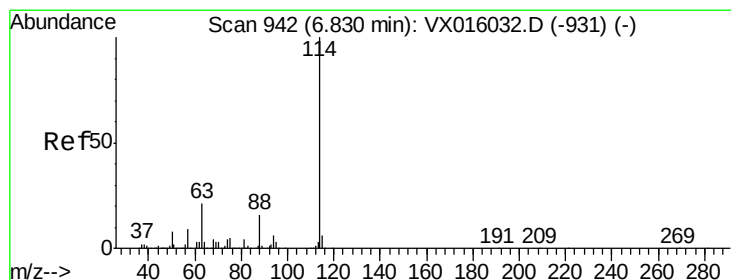
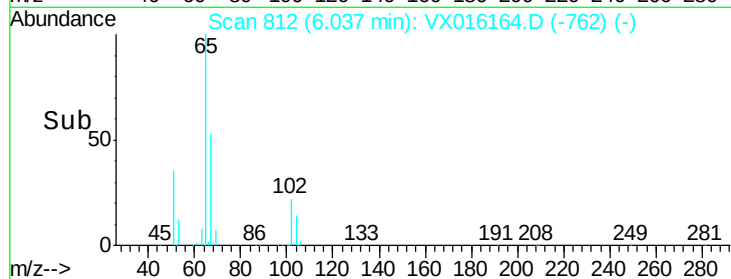
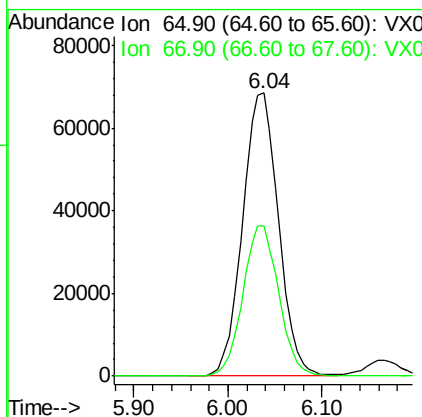
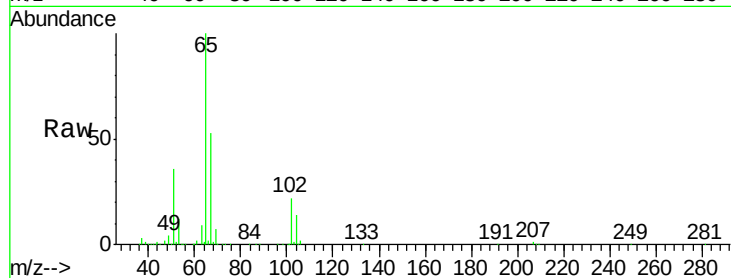
#33
 1,2-Dichloroethane-d4
 Concen: 47.616 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181933		
67	53.1	0.0	104.8	

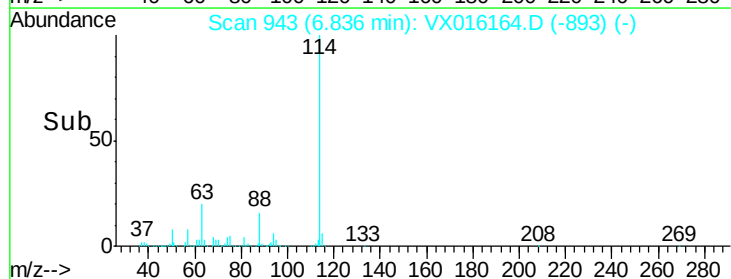
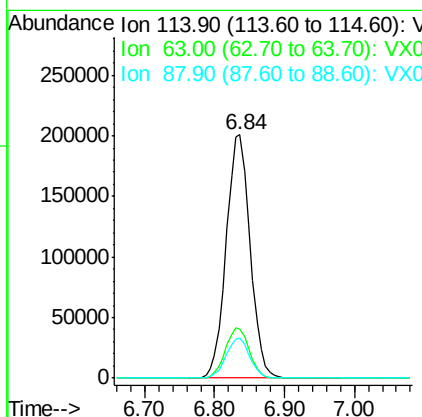
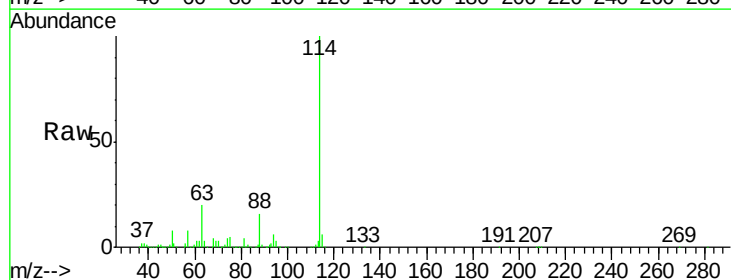
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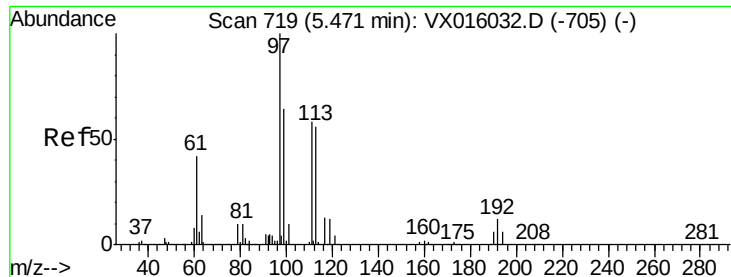
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	476471		
63	20.1	0.0	42.8	
88	16.2	0.0	31.4	





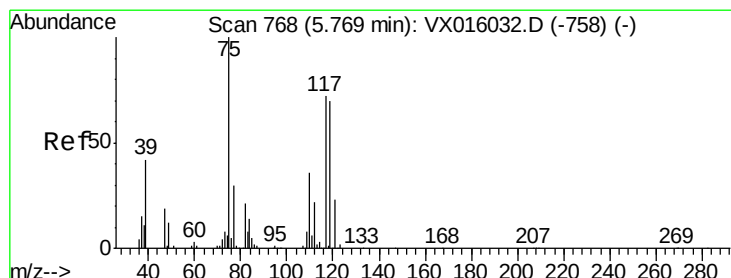
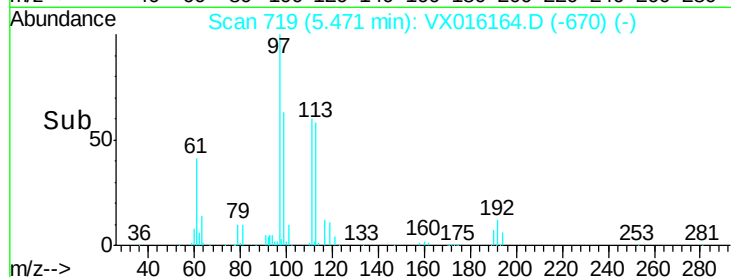
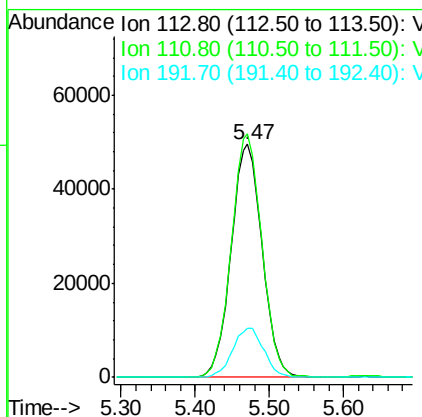
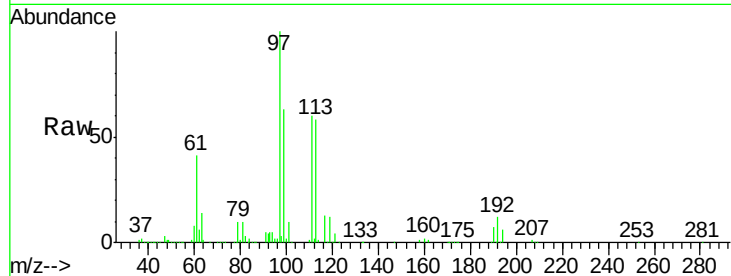
#35
Dibromofluoromethane
Concen: 47.953 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144752		
111	102.7	81.6	122.4	
192	21.0	17.0	25.4	

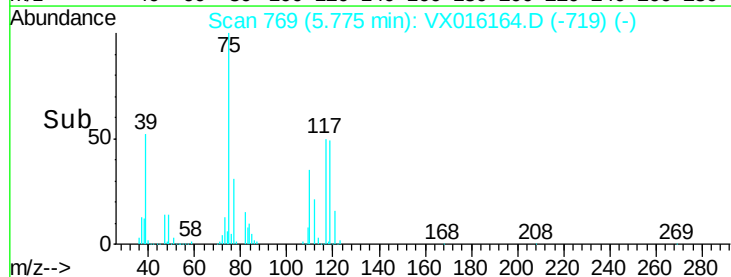
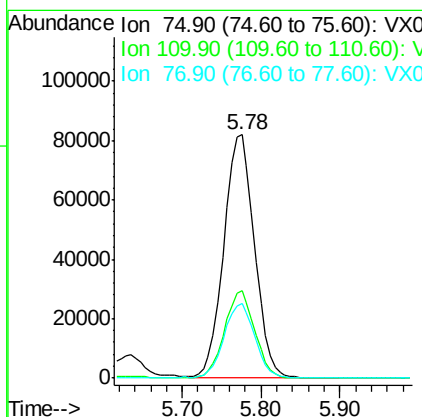
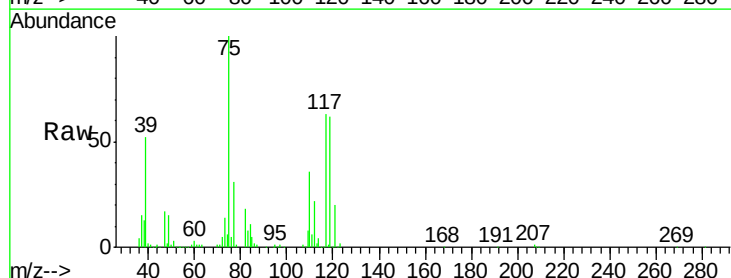
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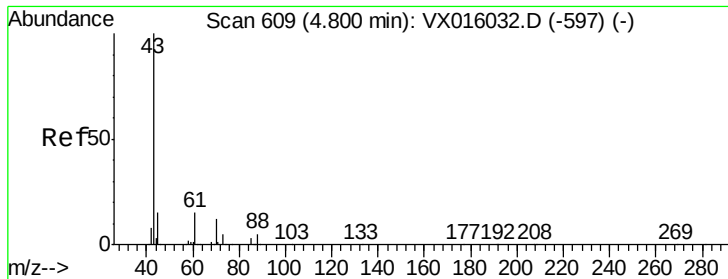
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#36
1,1-Dichloropropene
Concen: 47.290 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	221801		
110	35.3	18.1	54.1	
77	31.3	25.0	37.6	





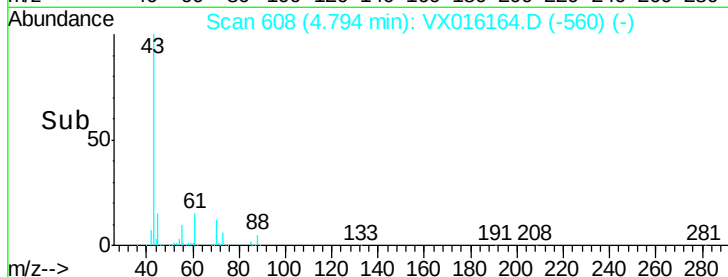
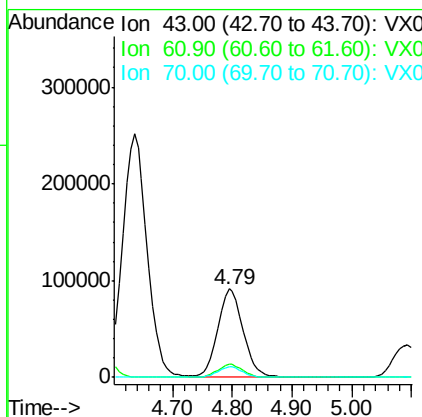
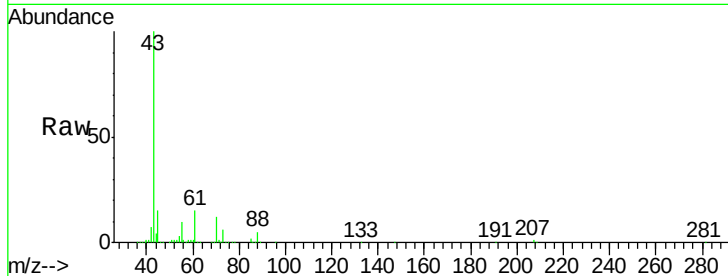
#37
Ethyl Acetate
Concen: 49.464 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	11.8	9.3	13.9

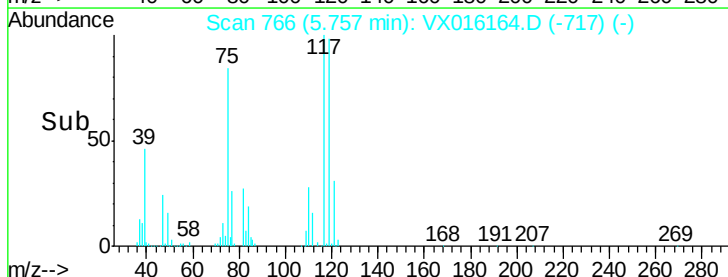
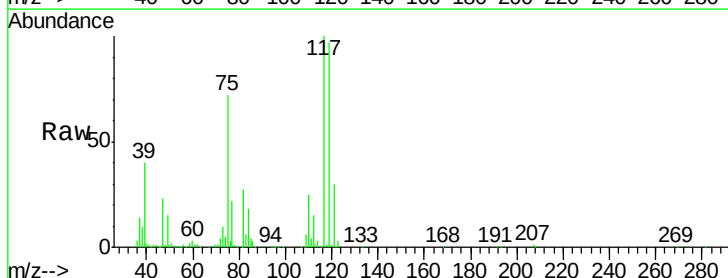
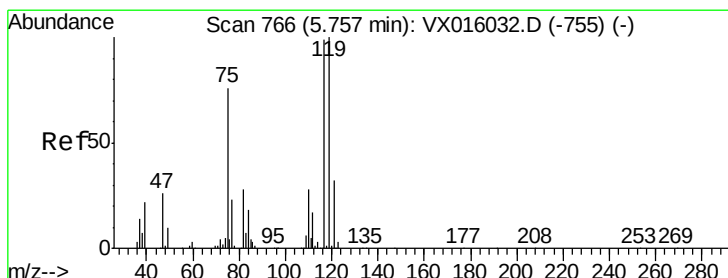
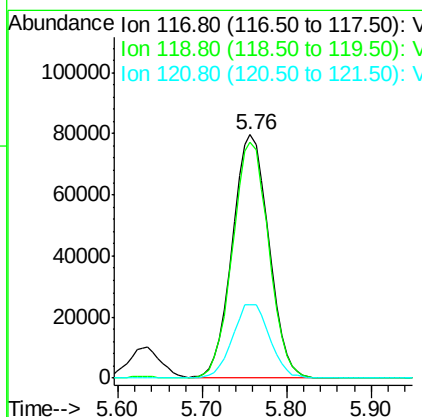
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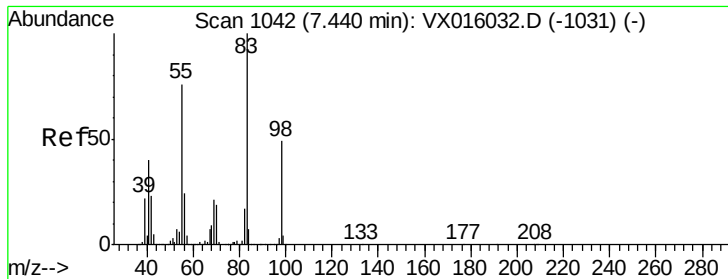
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#38
Carbon Tetrachloride
Concen: 49.023 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	80.3	120.5
121	30.4	25.7	38.5





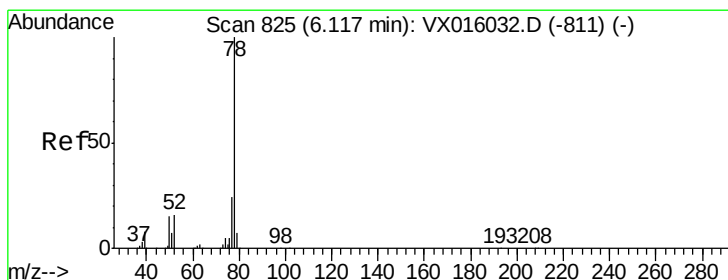
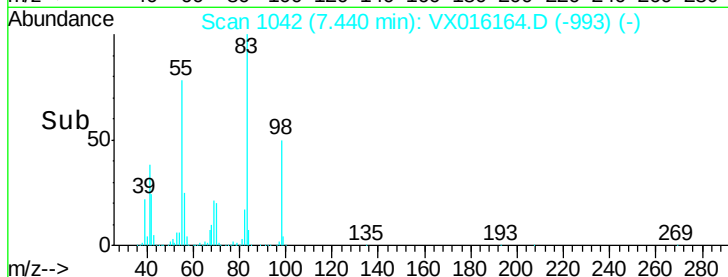
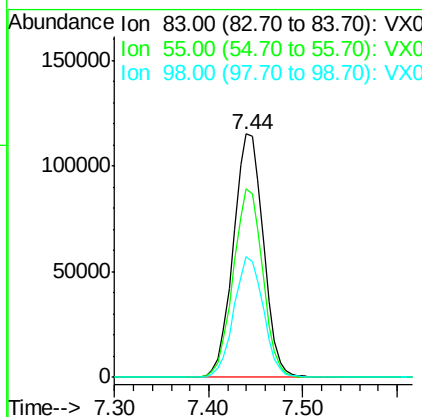
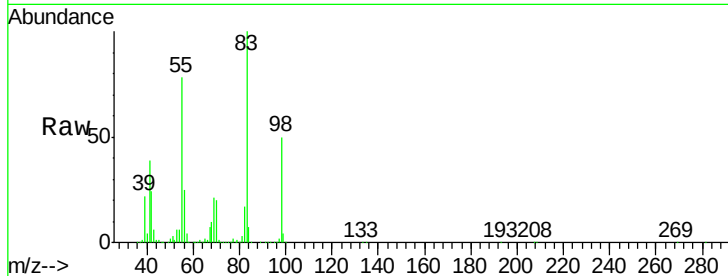
#39
Methylvlcyclohexane
Concen: 45.271 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.1	91.7
98	49.5	39.0	58.4

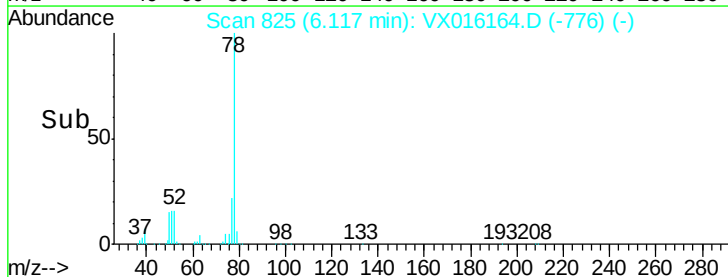
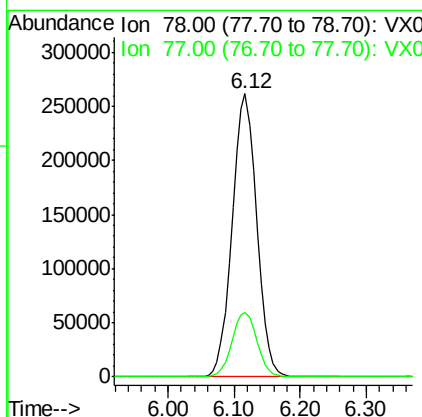
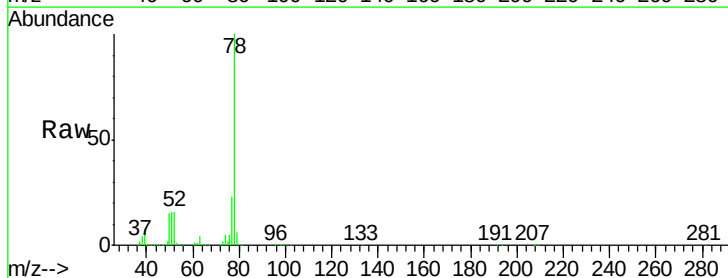
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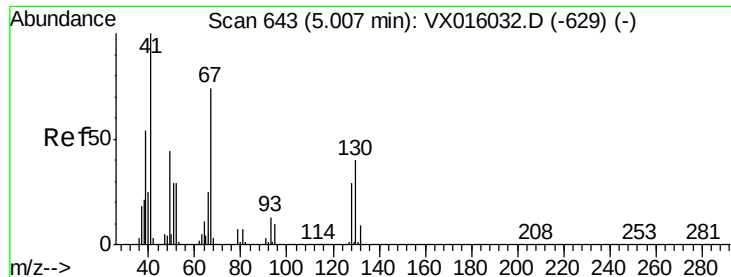
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#40
Benzene
Concen: 49.032 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





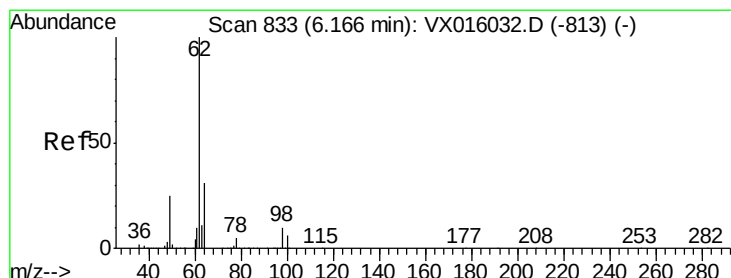
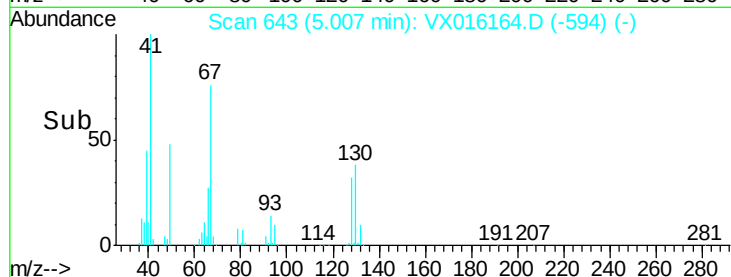
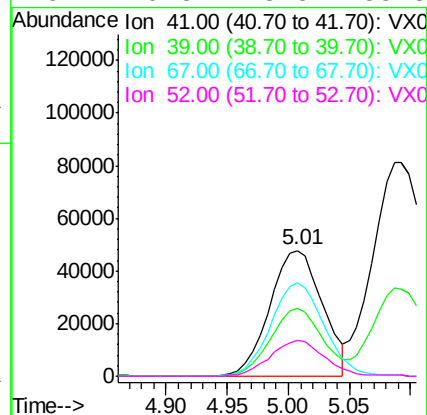
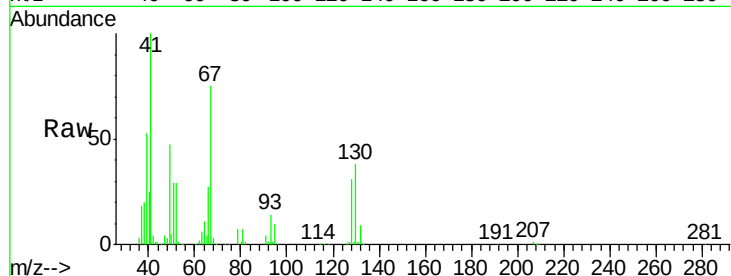
#41
Methacrylonitrile
Concen: 48.679 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	43.2	64.8	
67	76.3	59.3	88.9	
52	29.3	23.5	35.3	

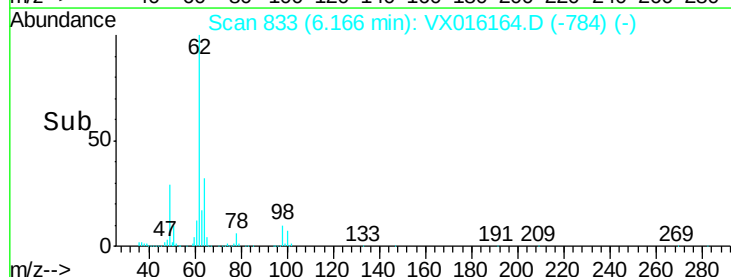
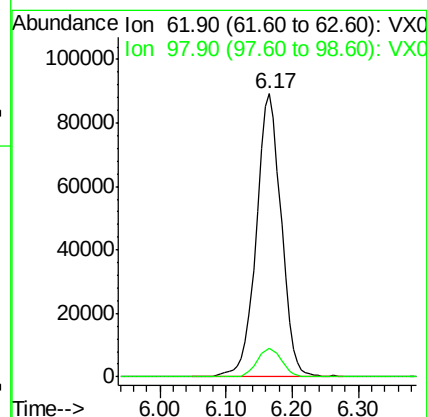
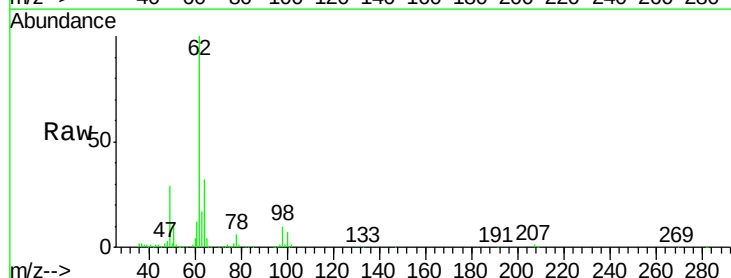
Manual Integrations
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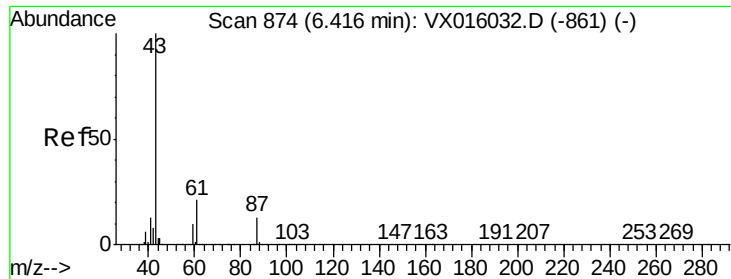
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#42
1,2-Dichloroethane
Concen: 47.541 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.4	





#43

Isopropyl Acetate

Concen: 49.464 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

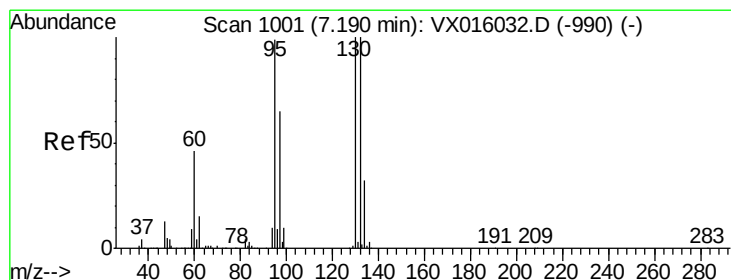
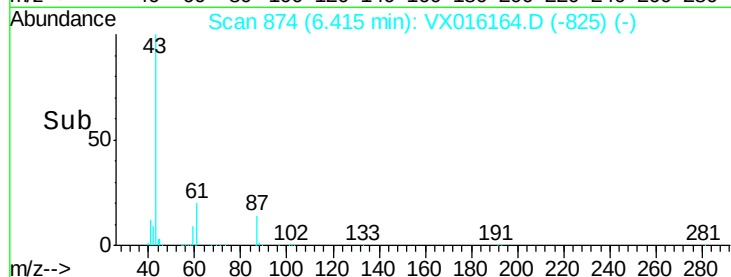
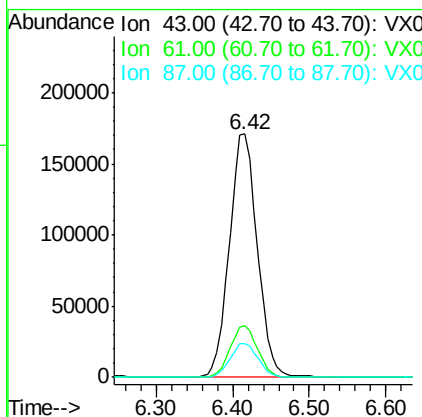
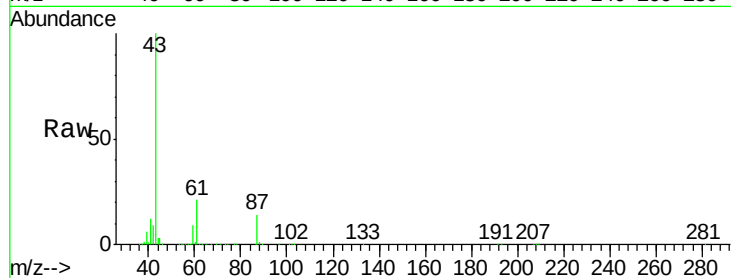
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	429020
Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	14.0	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 41.875 ug/l

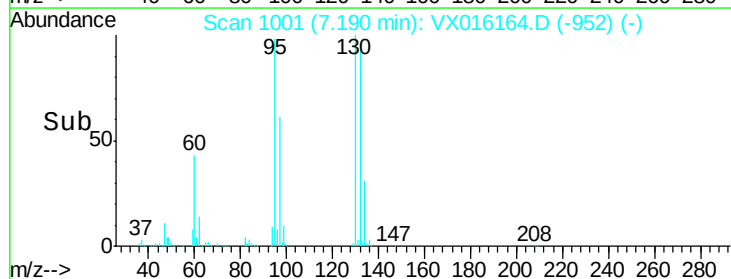
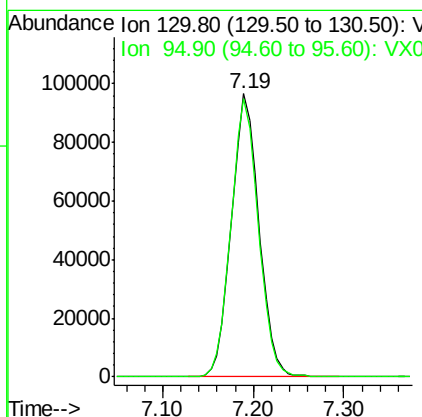
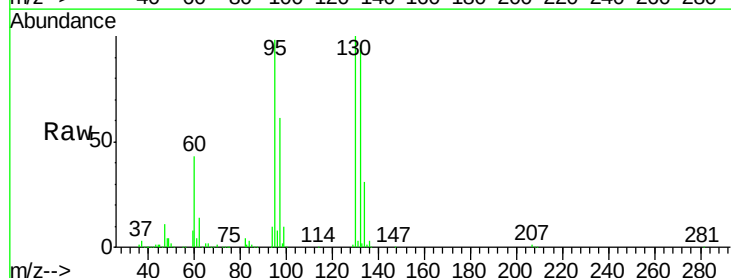
RT: 7.19 min Scan# 1001

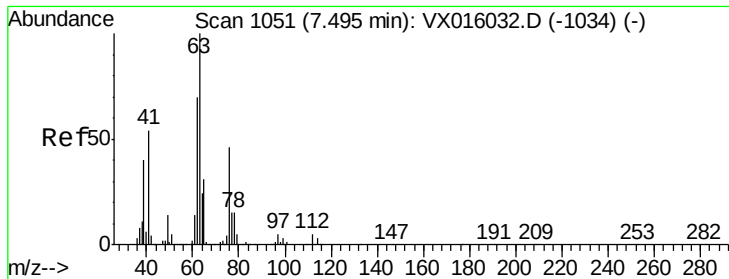
Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	130	Resp:	204157
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	197.4





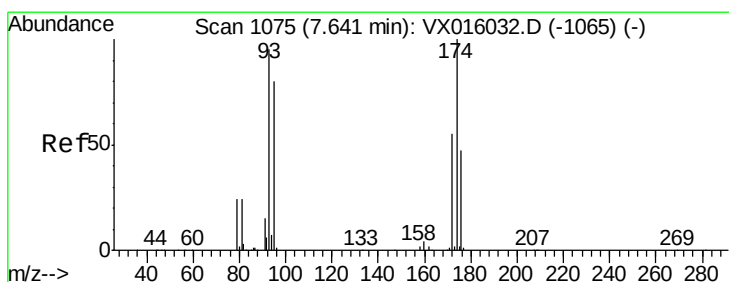
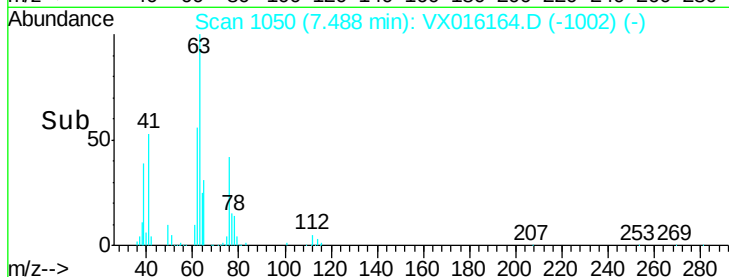
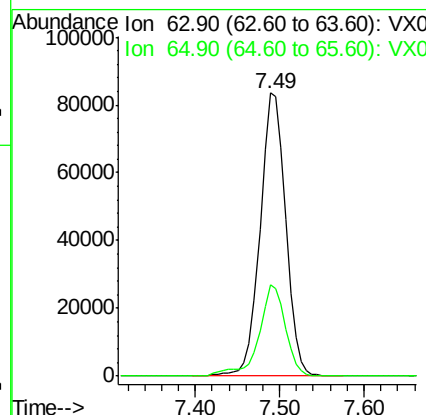
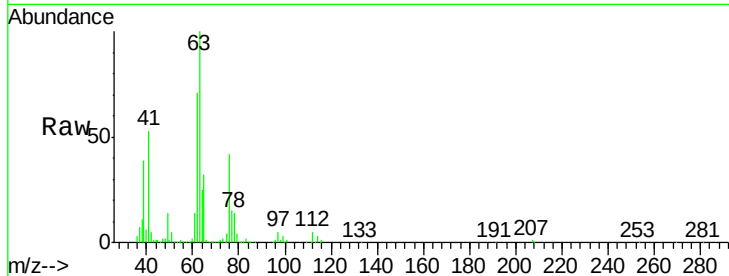
#45
 1,2-Dichloropropane
 Concen: 50.066 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.4	36.6

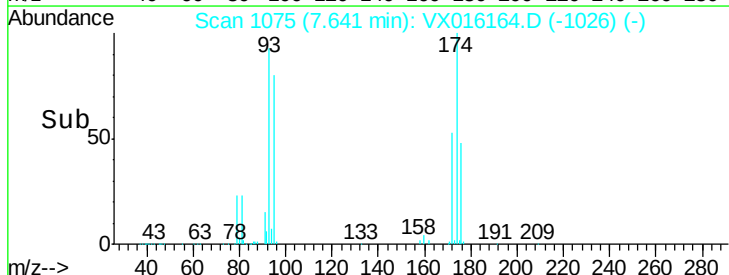
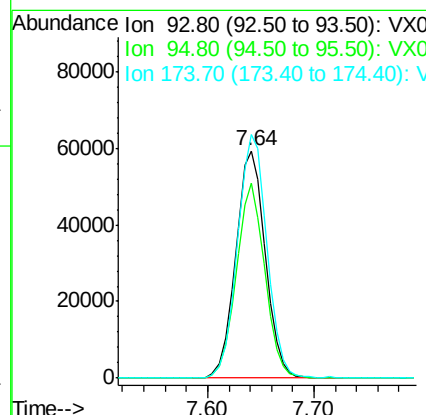
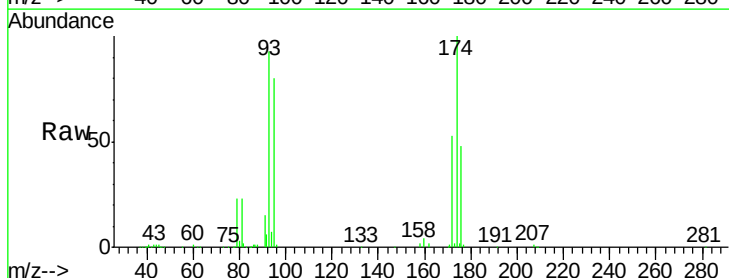
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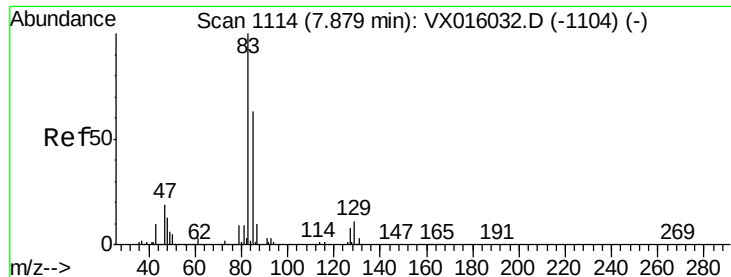
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#46
 Dibromomethane
 Concen: 48.969 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	100.0
174	106.6	84.2	126.4





#47

Bromodichloromethane

Concen: 49.839 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

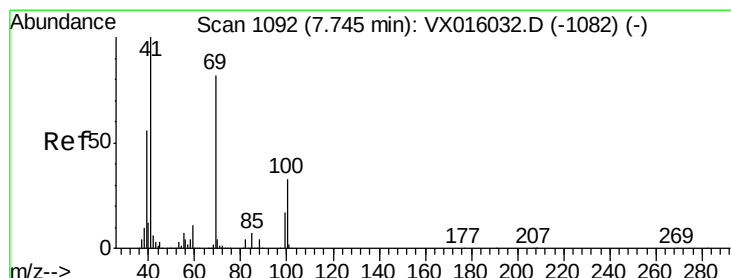
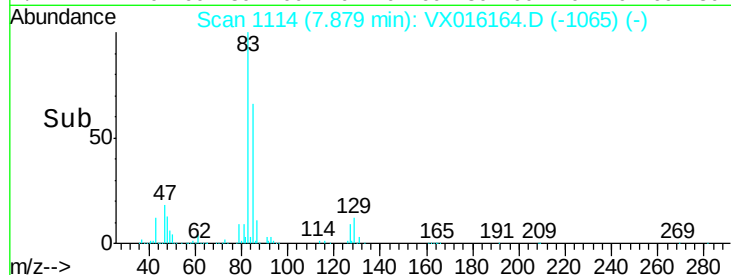
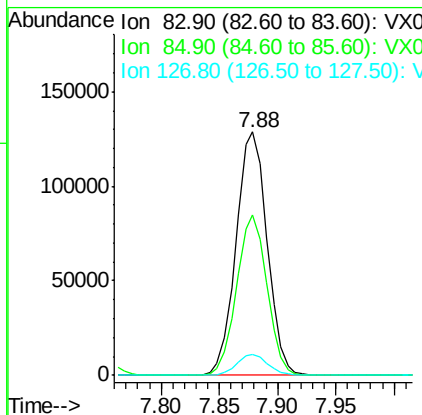
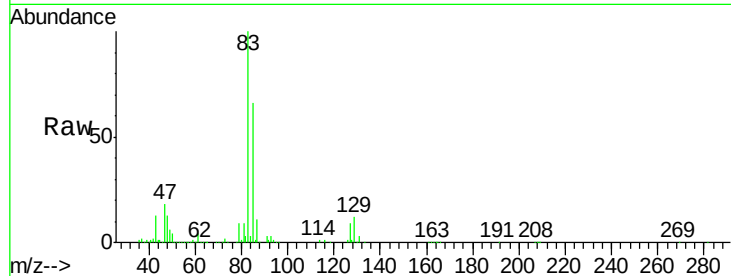
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	239530
Ion Ratio	Lower	Upper	
83	100		
85	66.0	50.5	75.7
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.561 ug/l

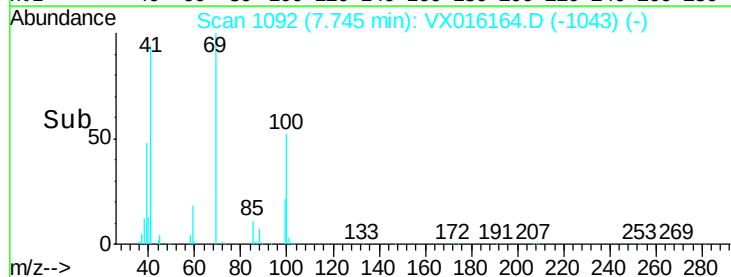
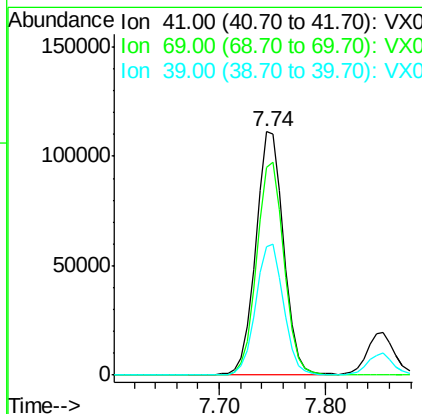
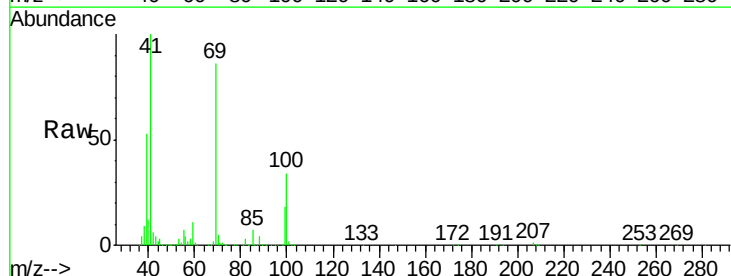
RT: 7.74 min Scan# 1092

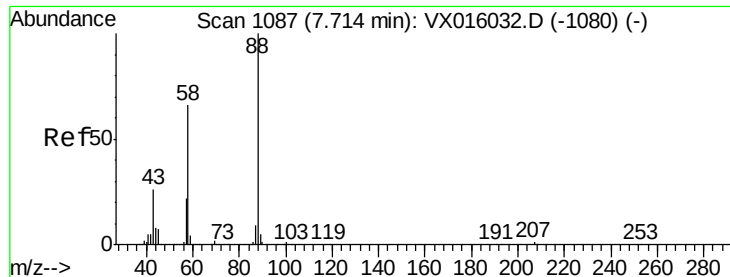
Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	41	Resp:	203691
Ion Ratio	Lower	Upper	
41	100		
69	86.5	67.8	101.6
39	53.8	44.6	67.0





#49

1,4-Dioxane

Concen: 839.588 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

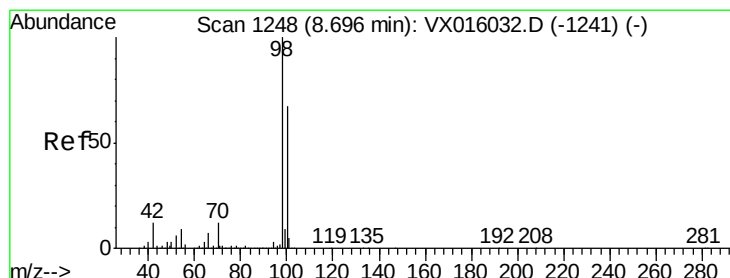
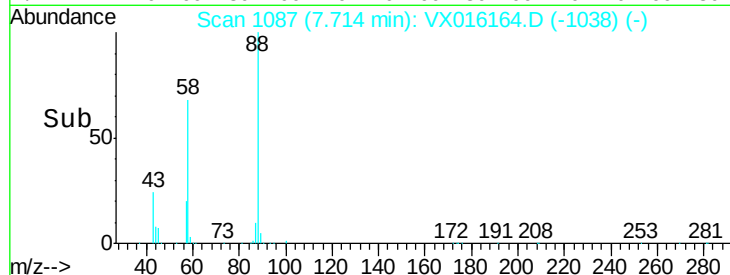
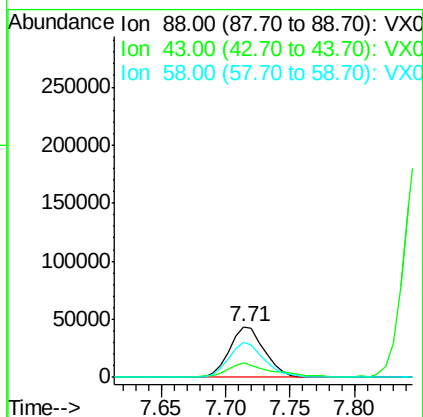
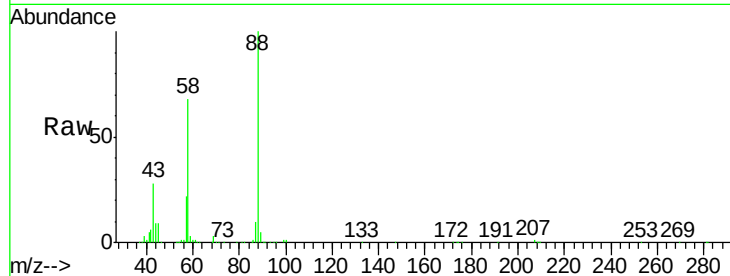
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	82757
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	70.1	55.9	83.9

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#50

Toluene-d8

Concen: 47.910 ug/l

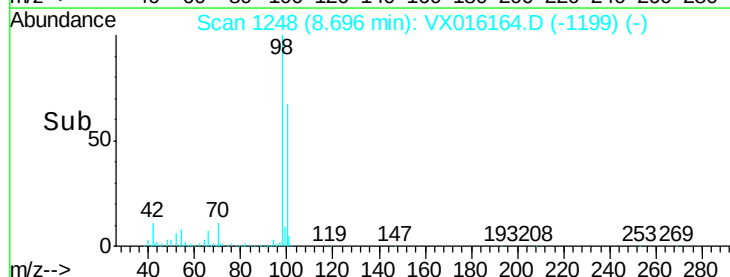
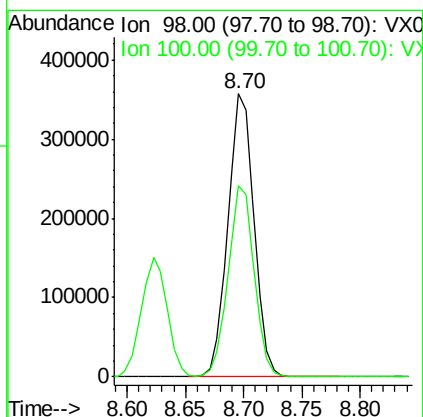
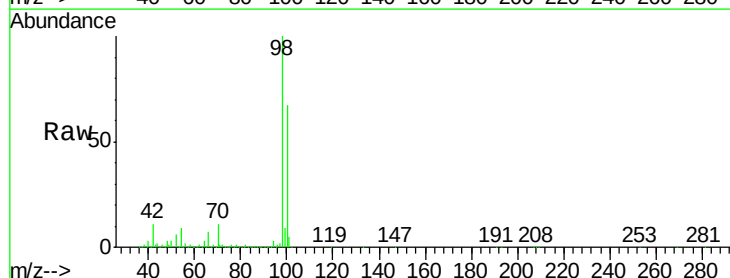
RT: 8.70 min Scan# 1248

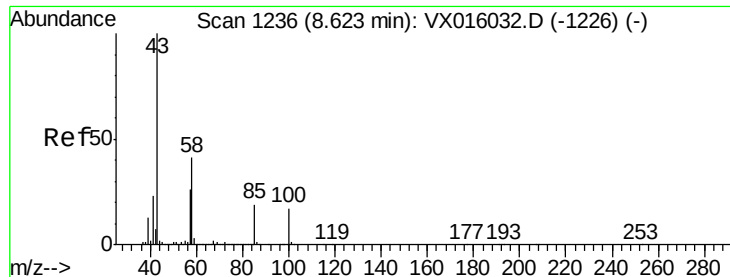
Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	98	Resp:	557242
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





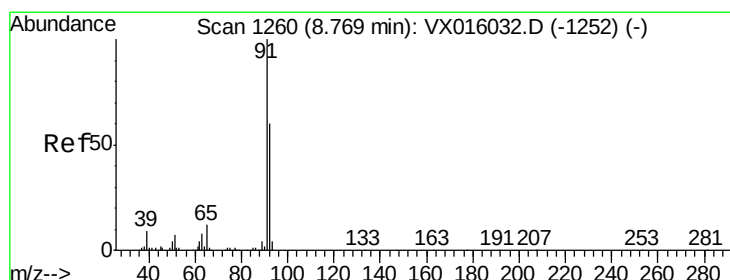
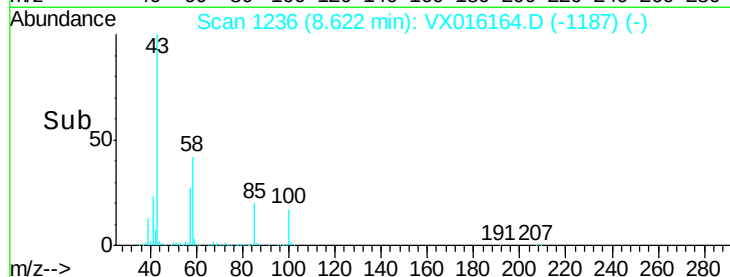
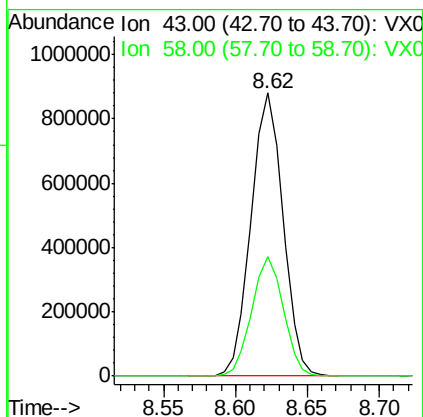
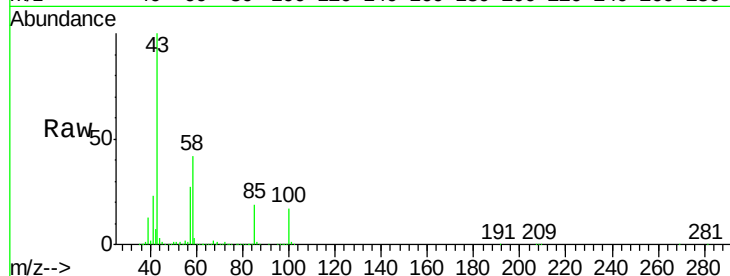
#51
4-Methyl-2-Pentanone
Concen: 254.429 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1350416
Ion Ratio Lower Upper
43 100
58 41.7 33.0 49.4

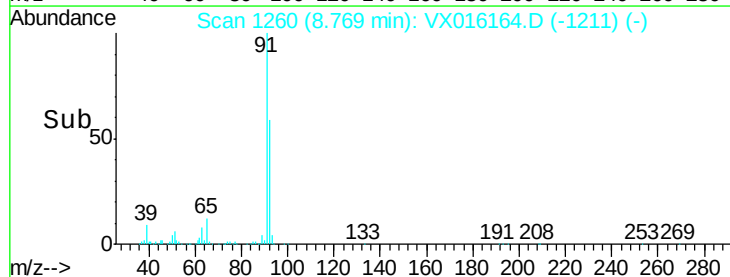
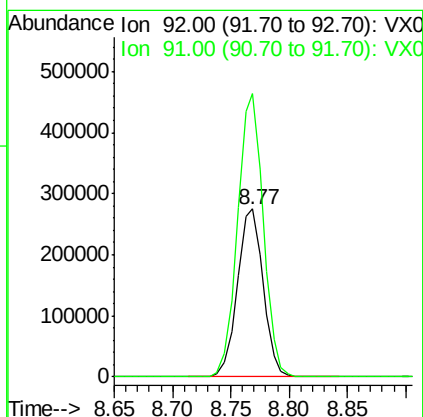
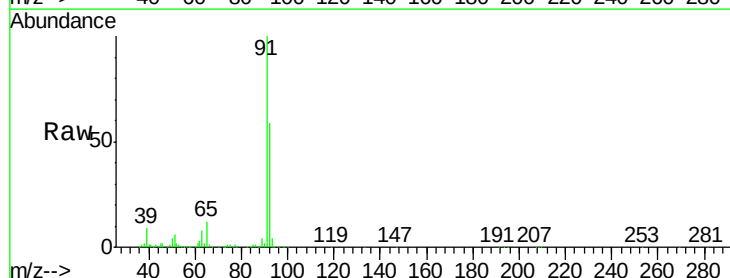
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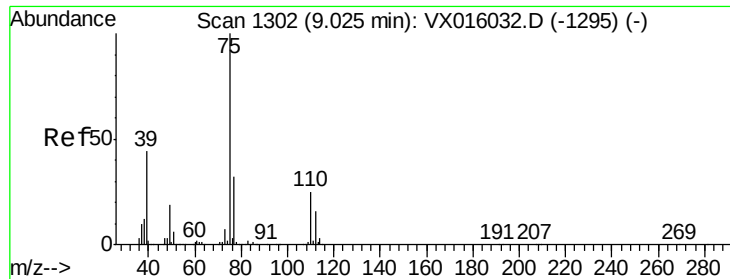
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#52
Toluene
Concen: 49.466 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 92 Resp: 423127
Ion Ratio Lower Upper
92 100
91 168.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.413 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 277420

Ion Ratio Lower Upper

75 100

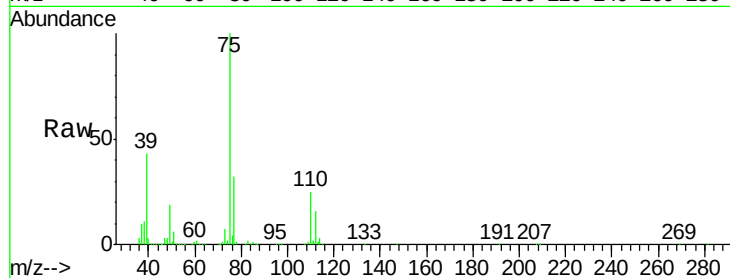
77 32.3 25.7 38.5

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

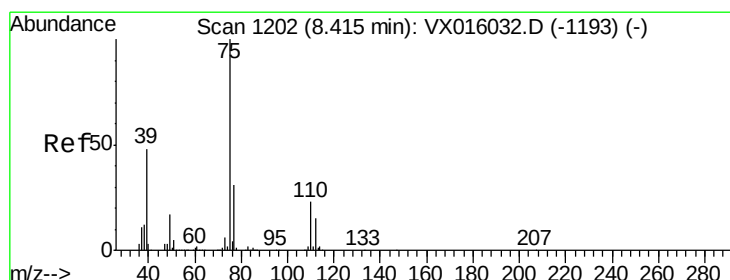
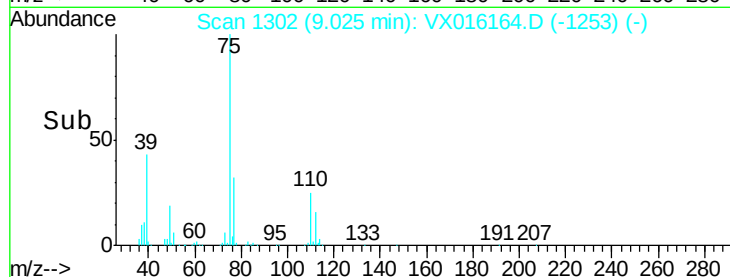
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 48.802 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

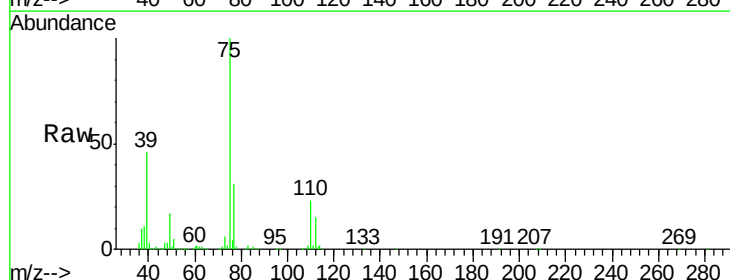
Tgt Ion: 75 Resp: 292098

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 45.6 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

250000

200000

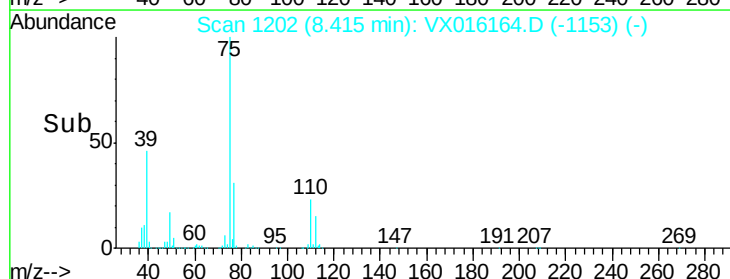
150000

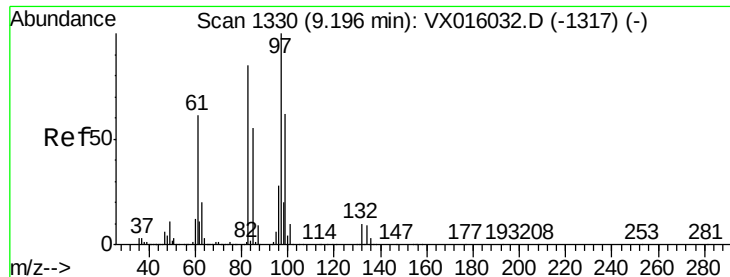
100000

50000

0

Time--> 8.30 8.40 8.50





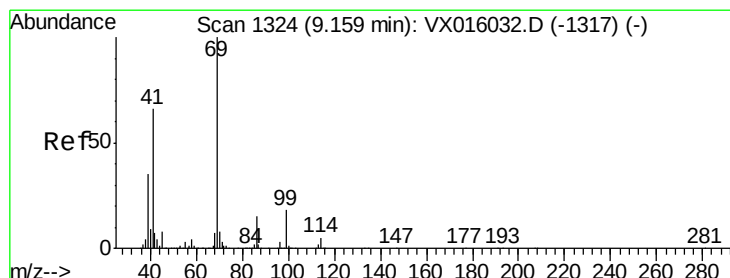
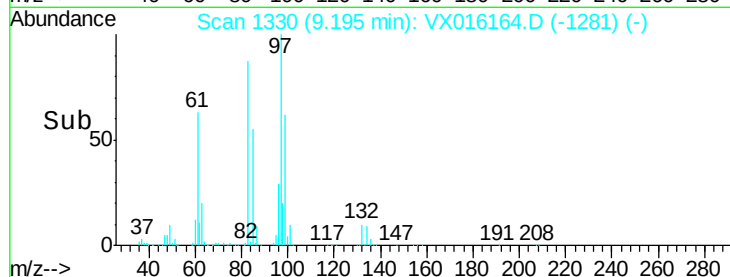
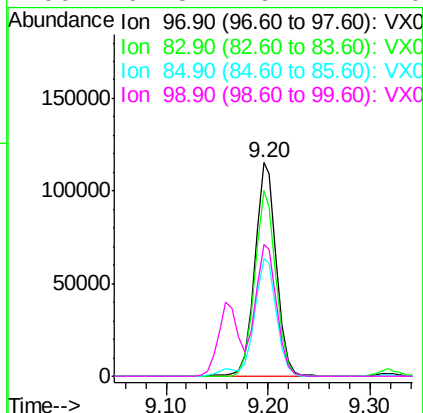
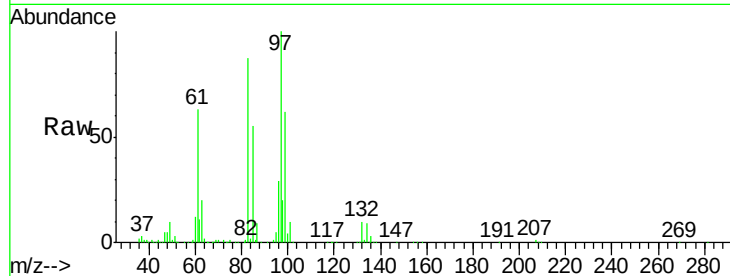
#55
 1,1,2-Trichloroethane
 Concen: 50.702 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	170634
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.8	101.8
85	55.3	43.8	65.8
99	61.8	49.4	74.0

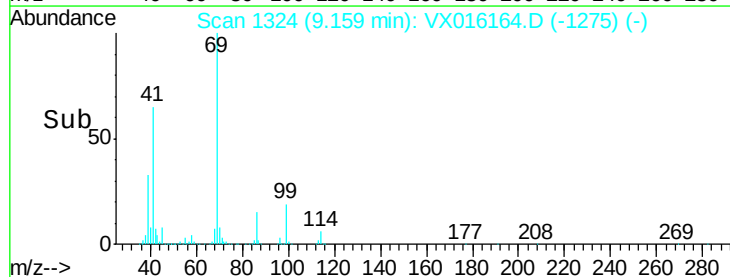
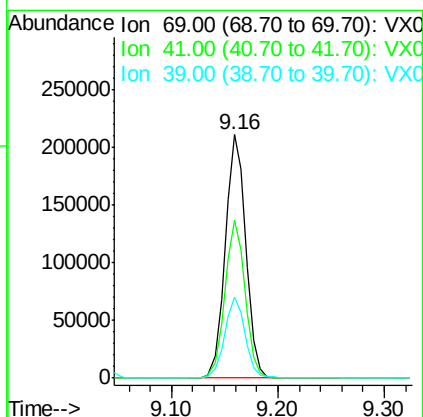
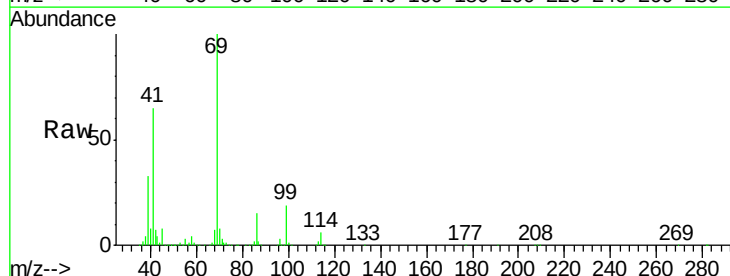
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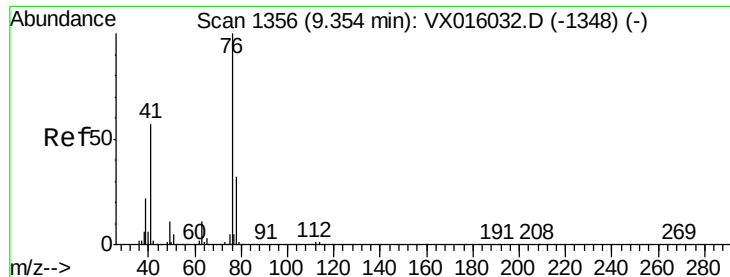
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#56
 Ethyl methacrylate
 Concen: 51.759 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion:	69	Resp:	284336
Ion	Ratio	Lower	Upper
69	100		
41	63.5	52.2	78.4
39	33.2	28.2	42.4





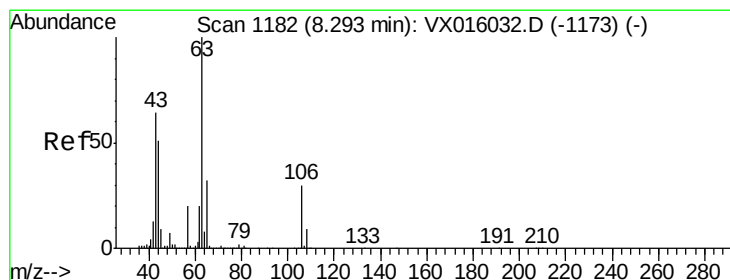
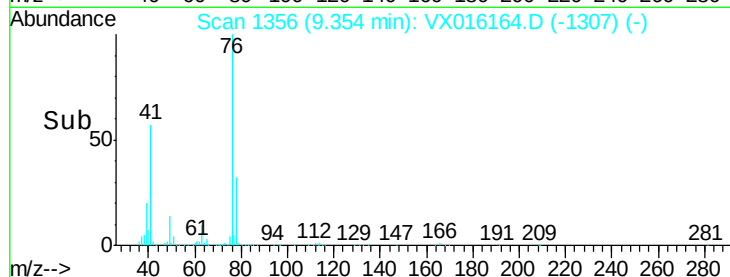
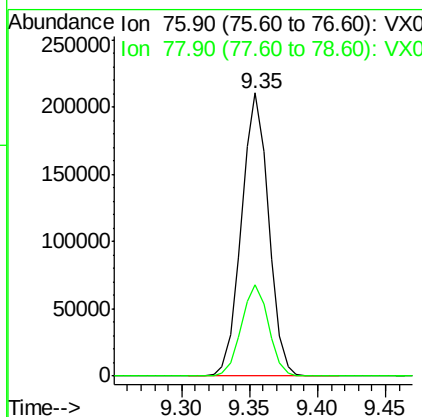
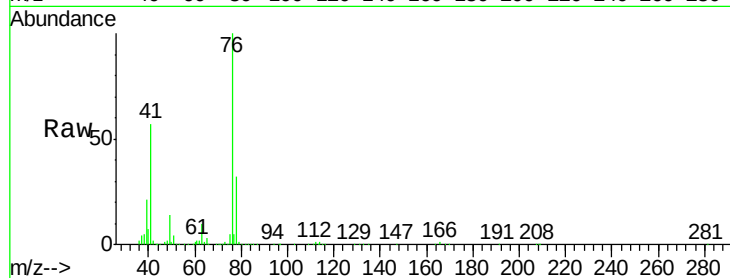
#57
 1,3-Dichloropropane
 Concen: 50.050 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

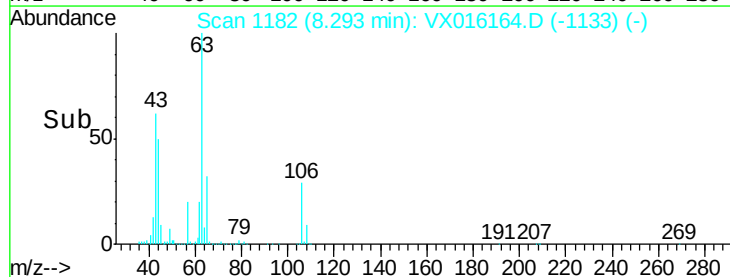
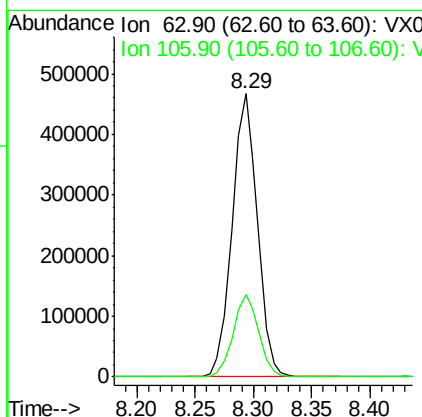
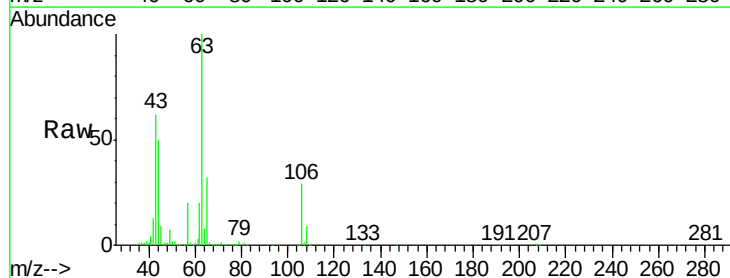
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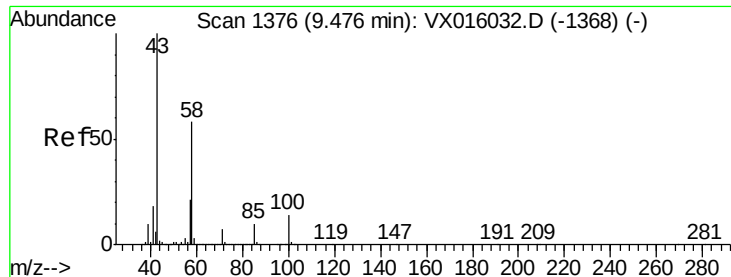
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.878 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.4	35.2





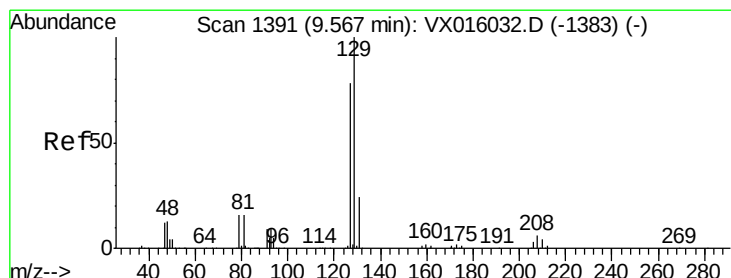
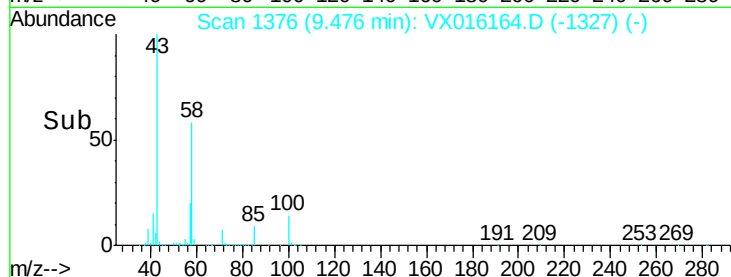
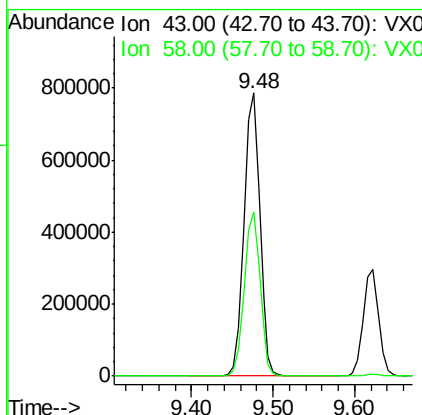
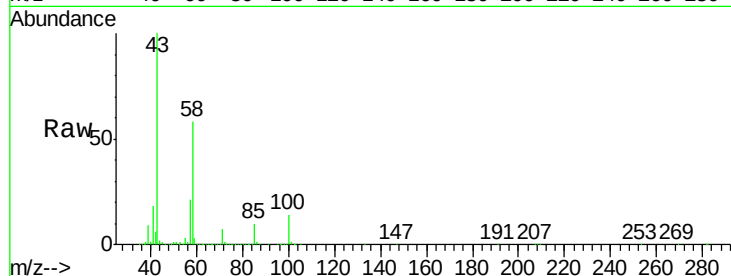
#59
2-Hexanone
Concen: 252.416 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1052123
Ion Ratio Lower Upper
43 100
58 58.1 28.6 85.9

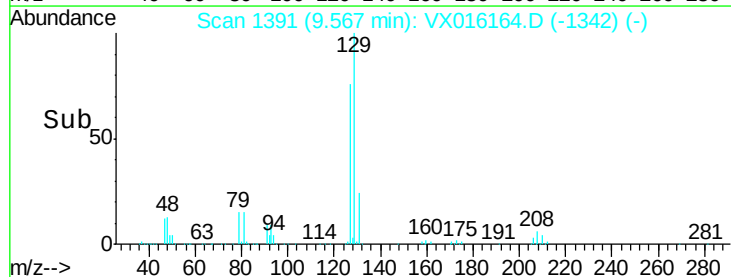
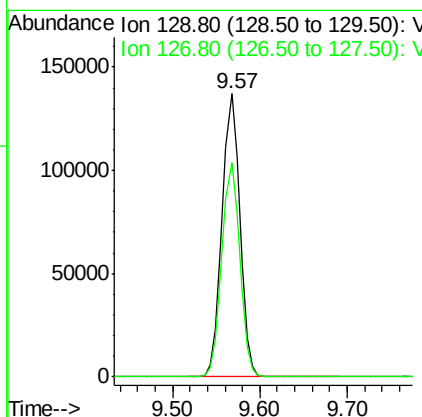
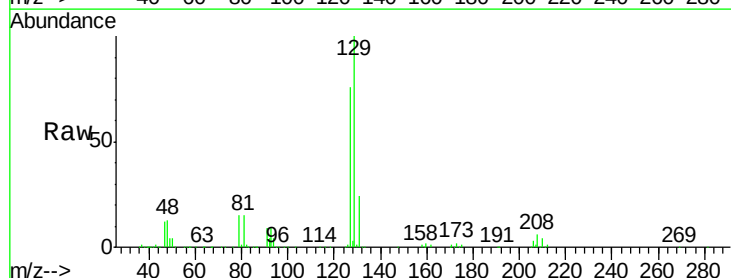
Manual Integrations
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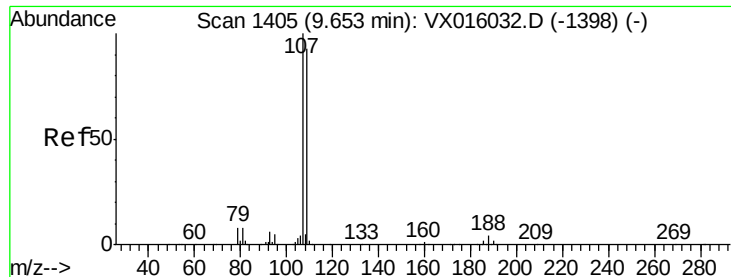
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#60
Dibromochloromethane
Concen: 52.358 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion: 129 Resp: 194066
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





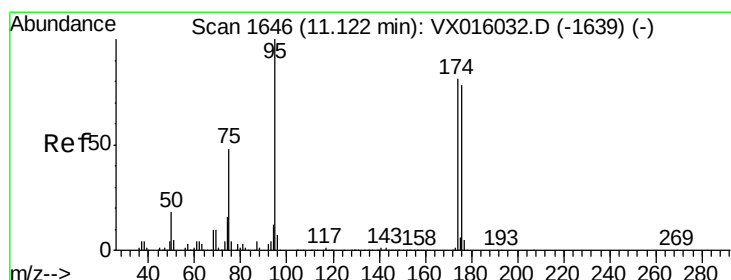
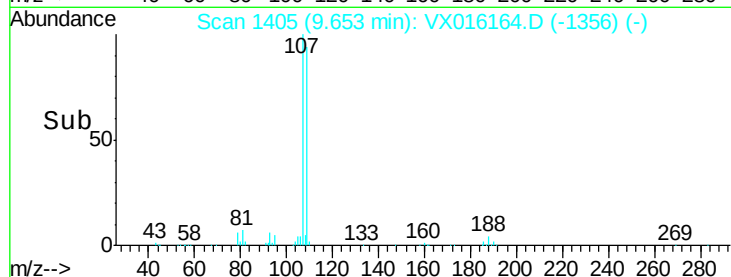
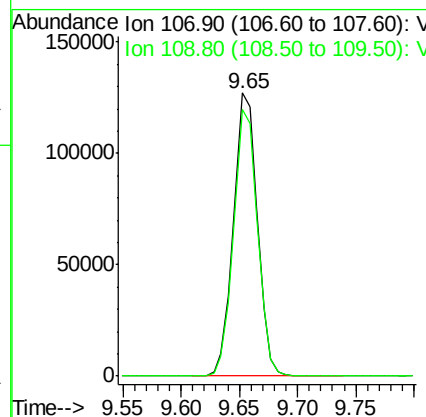
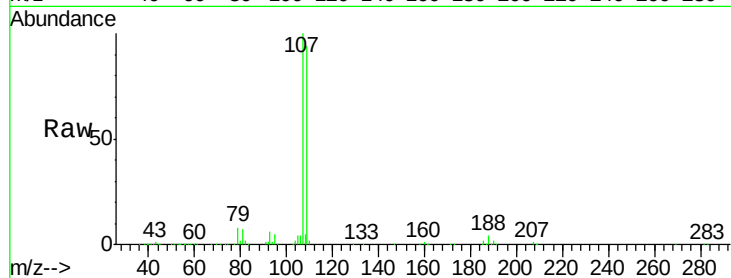
#61
 1,2-Dibromoethane
 Concen: 50.272 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	183259		
109	94.3	74.9	112.3	

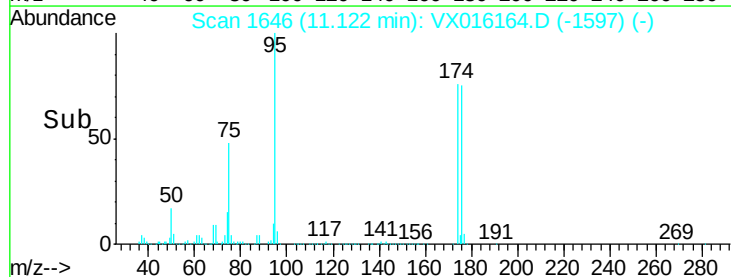
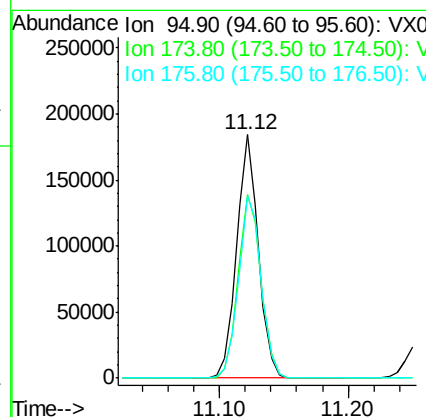
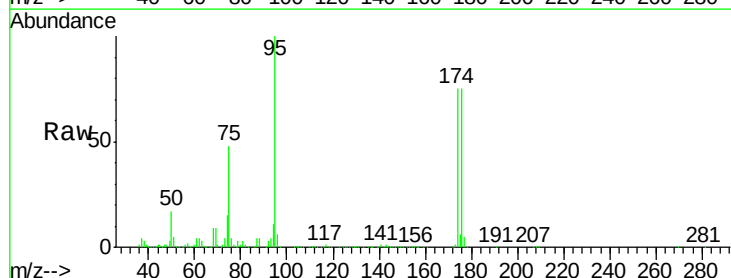
Manual Integrations
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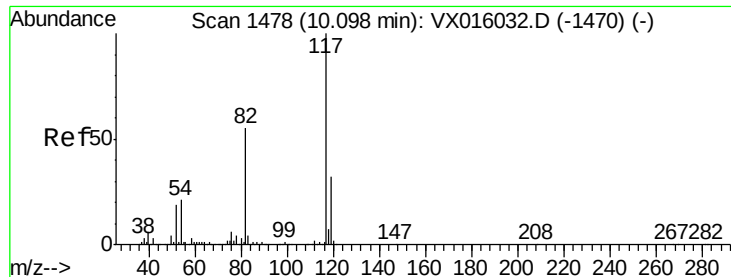
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.004 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	216791		
174	79.4	0.0	159.4	
176	78.0	0.0	157.6	





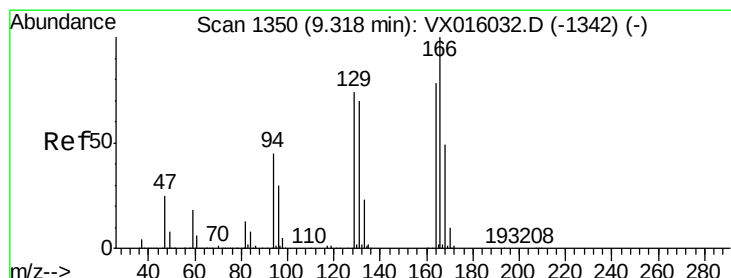
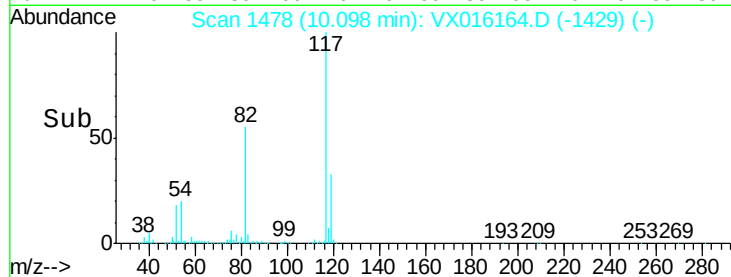
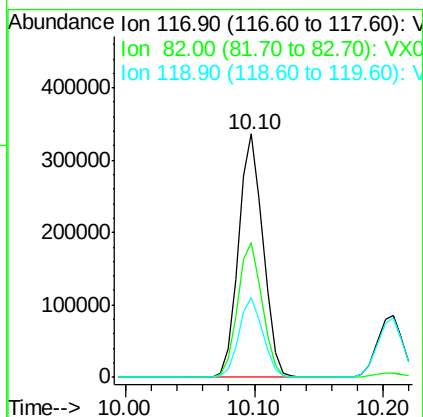
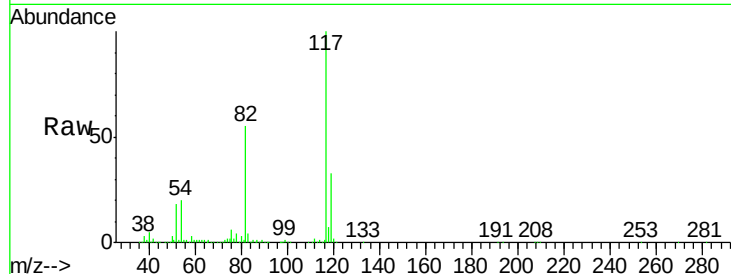
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	442751		
82	55.3	44.4	66.6	
119	32.8	25.5	38.3	

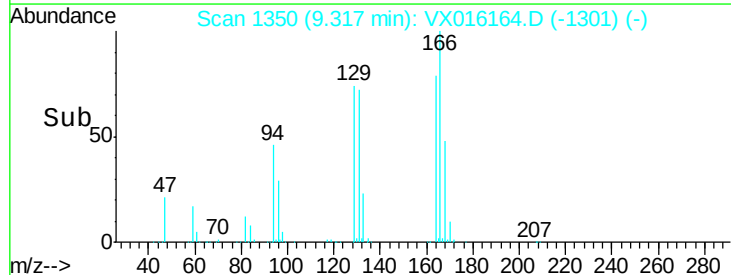
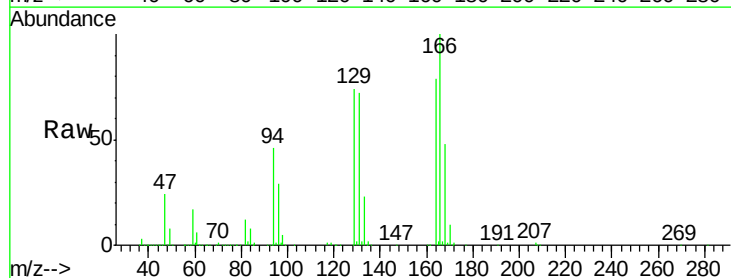
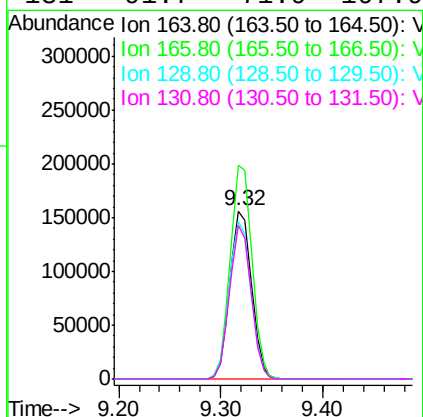
Manual Integrations
APPROVED

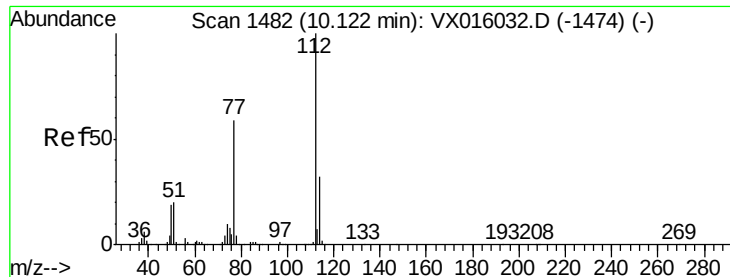
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#64
Tetrachloroethene
Concen: 42.147 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	229083		
166	127.0	102.9	154.3	
129	93.6	76.1	114.1	
131	91.7	71.9	107.9	





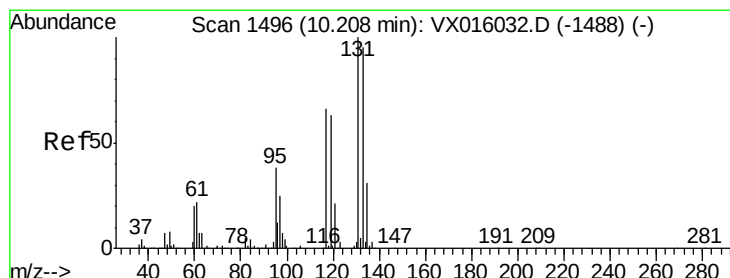
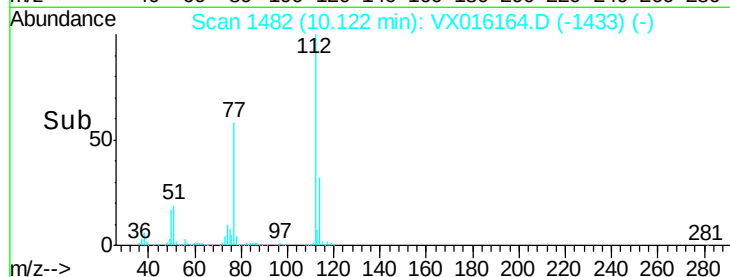
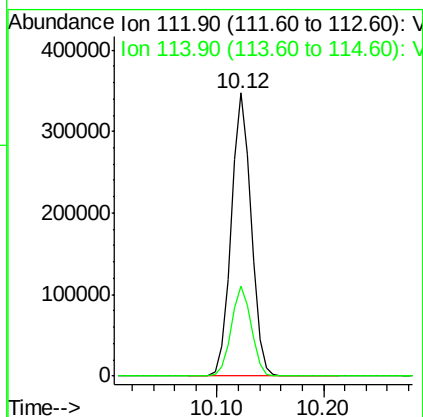
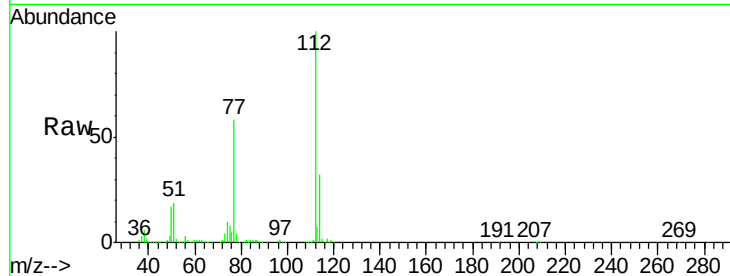
#65
Chlorobenzene
Concen: 49.236 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

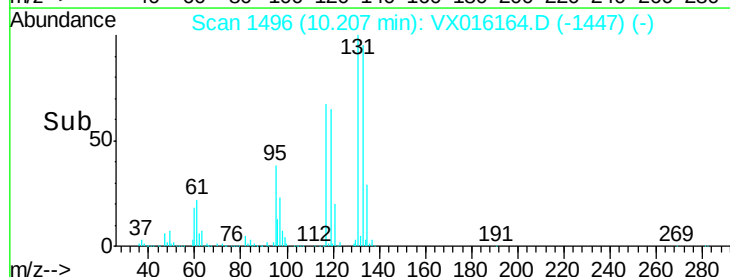
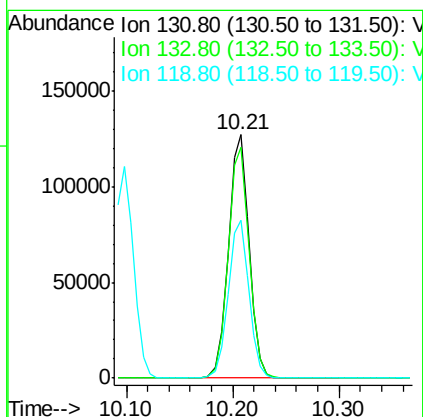
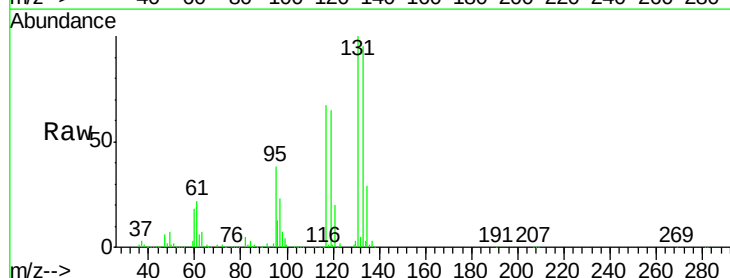
Manual Integrations
APPROVED

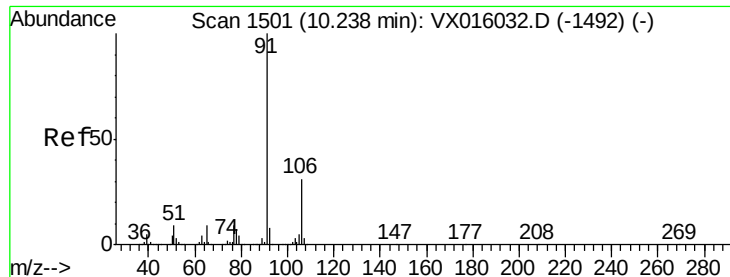
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.161 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.3	144.8
119	65.0	32.3	96.9





#67

Ethyl Benzene

Concen: 48.226 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 797715

Ion Ratio Lower Upper

91 100

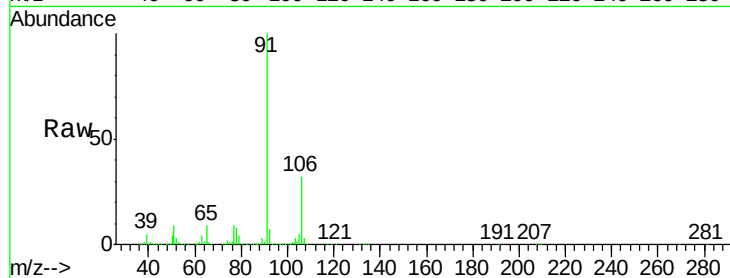
106 32.1 25.1 37.7

Manual Integrations

APPROVED

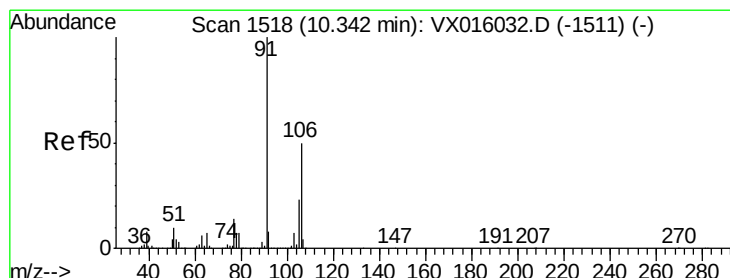
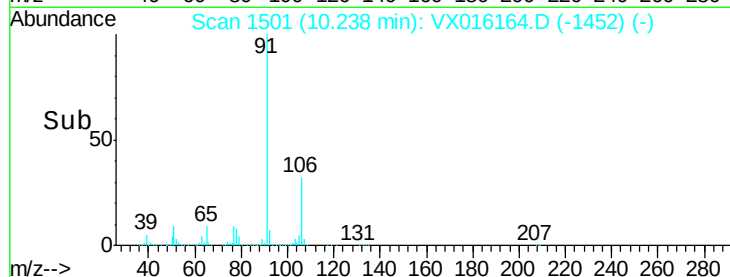
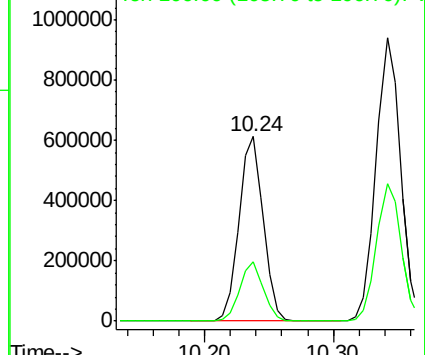
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.252 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016164.D

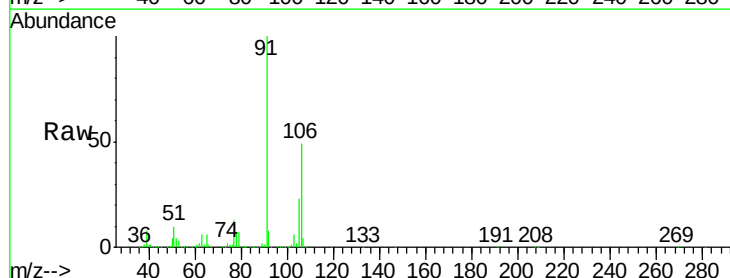
Acq: 11 May 2020 20:59

Tgt Ion: 106 Resp: 602711

Ion Ratio Lower Upper

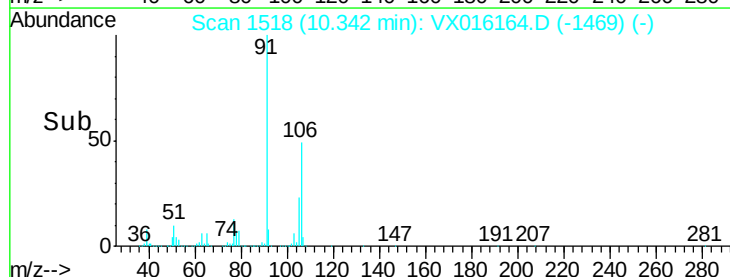
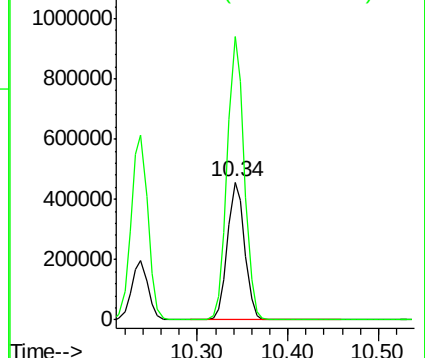
106 100

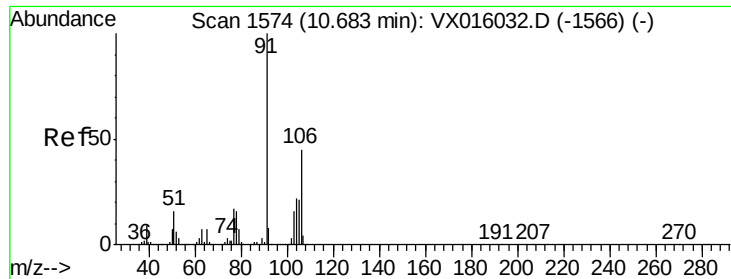
91 203.4 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





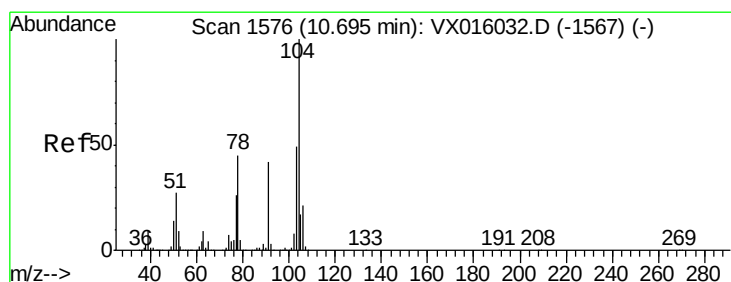
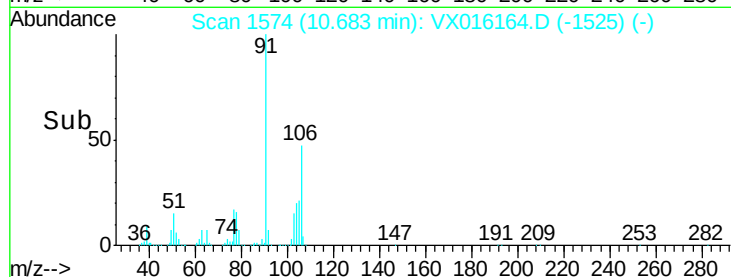
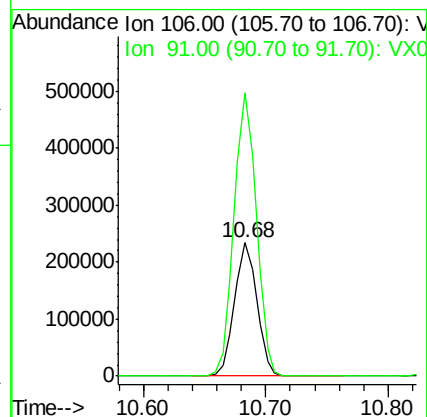
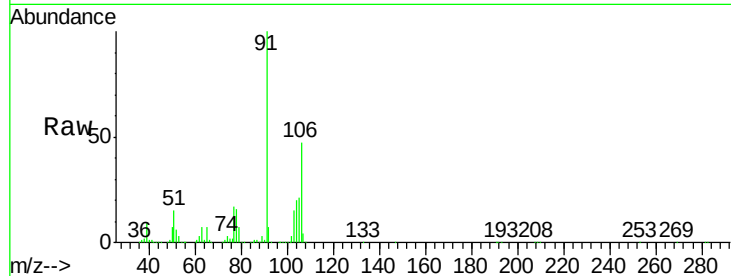
#69
o-Xylene
Concen: 49.574 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	295323		
91	212.5	107.5	322.6	

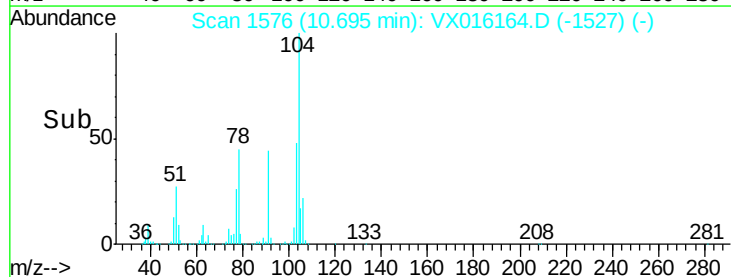
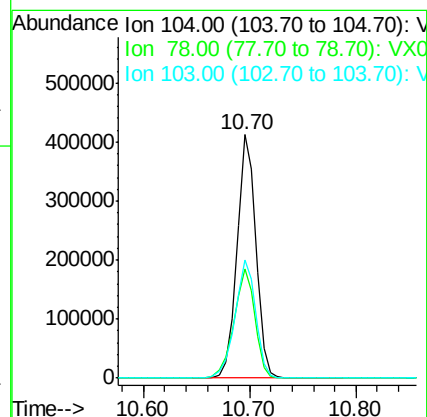
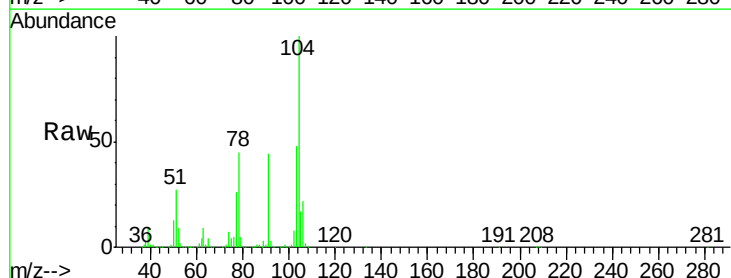
Manual Integrations
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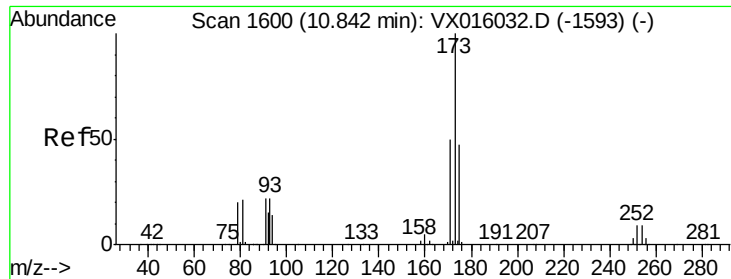
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#70
Styrene
Concen: 50.996 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	515389		
78	49.7	40.2	60.2	
103	53.0	43.0	64.6	





#71

Bromoform

Concen: 52.728 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

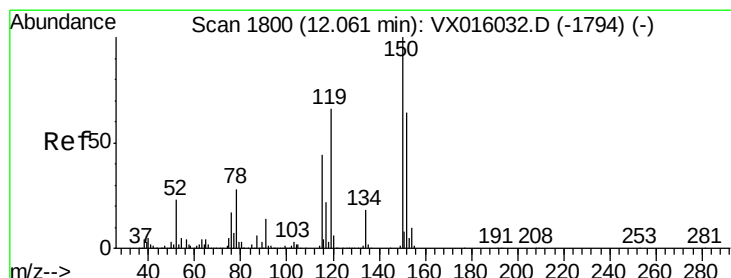
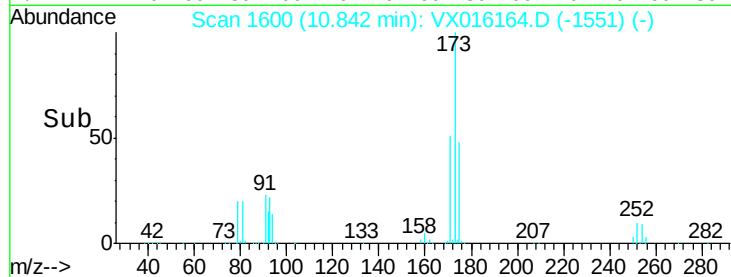
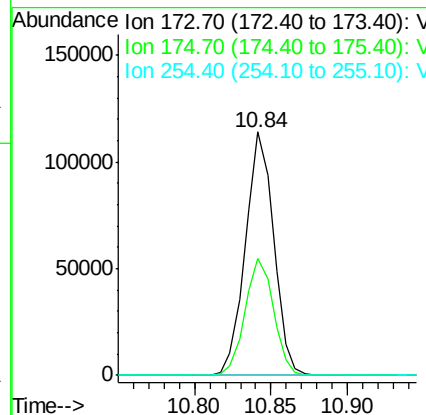
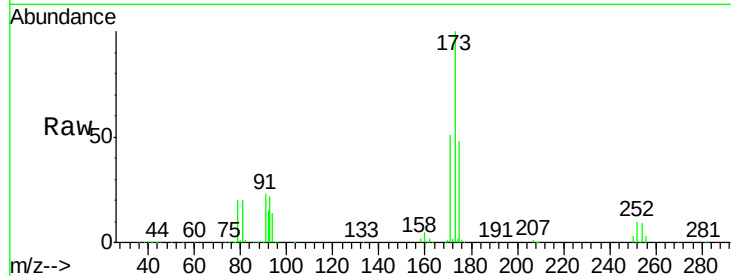
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	147202
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.0	72.0
254	0.1	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

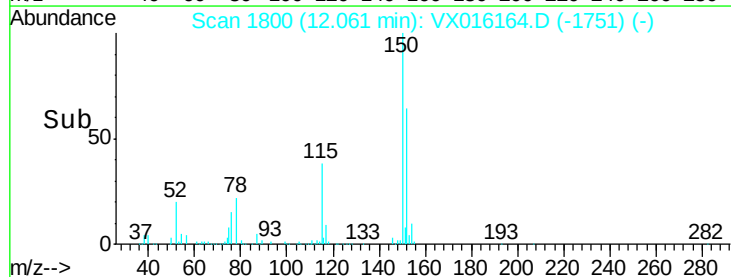
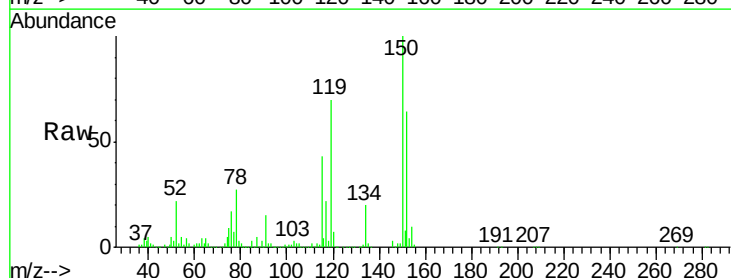
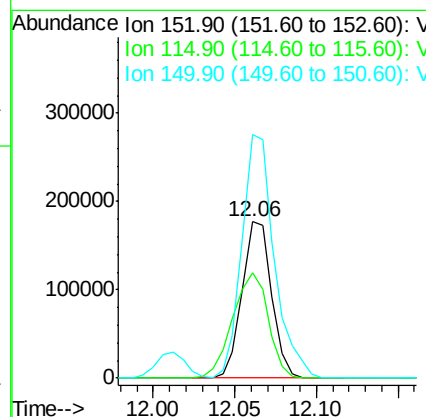
RT: 12.06 min Scan# 1800

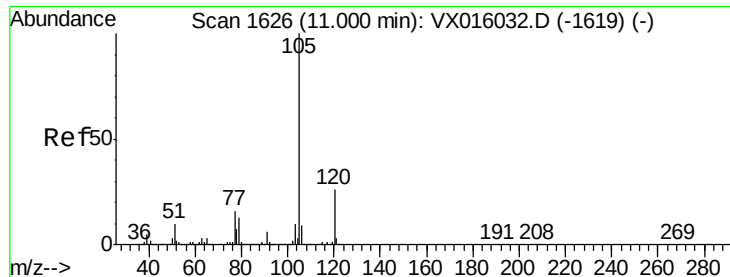
Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	152	Resp:	224027
Ion Ratio	Lower	Upper	
152	100		
115	80.9	41.3	124.1
150	171.0	0.0	352.2





#73

Isopropylbenzene

Concen: 47.090 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 767313

Ion Ratio Lower Upper

105 100

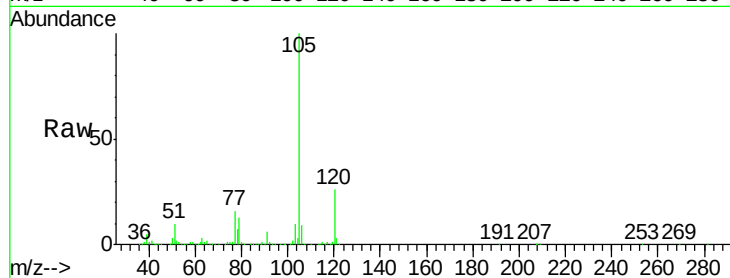
120 26.9 13.4 40.2

Manual Integrations

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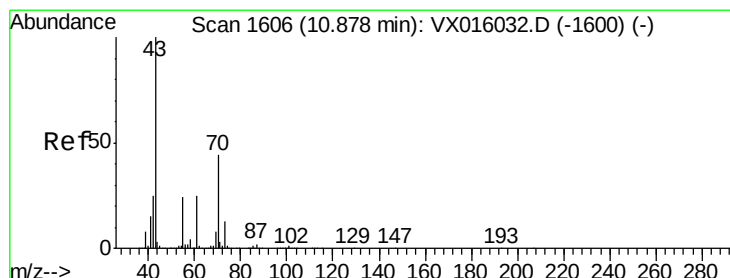
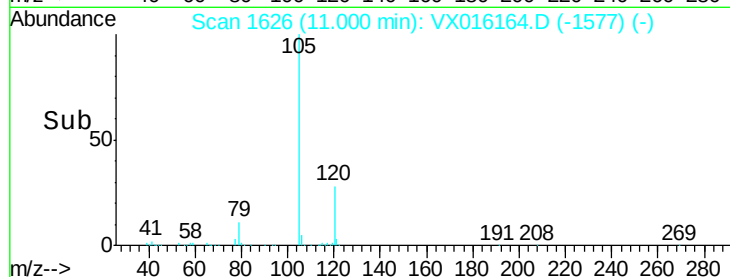
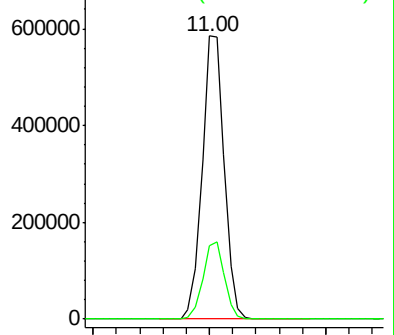
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.018 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion: 43 Resp: 372561

Ion Ratio Lower Upper

43 100

70 46.2 36.5 54.7

55 25.1 19.7 29.5

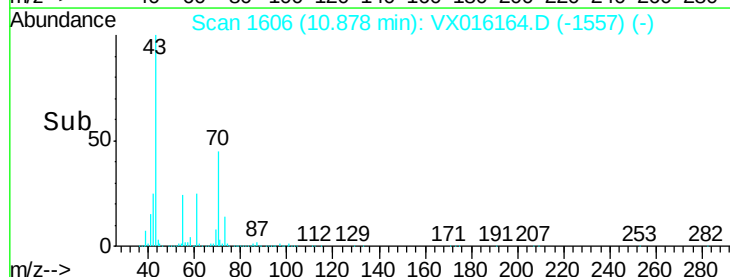
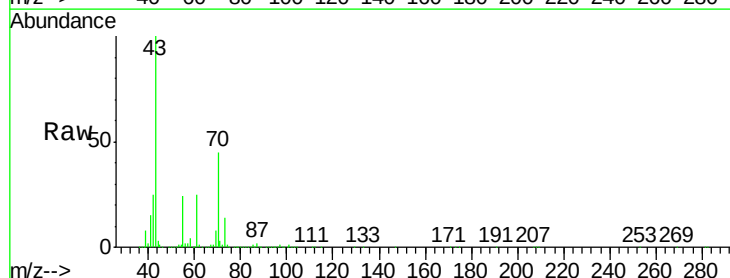
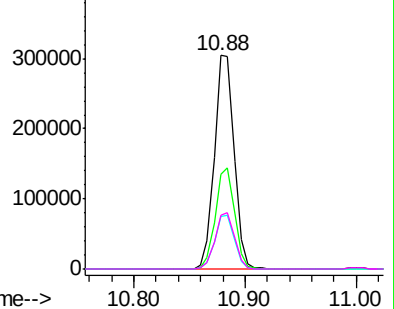
61 26.0 20.9 31.3

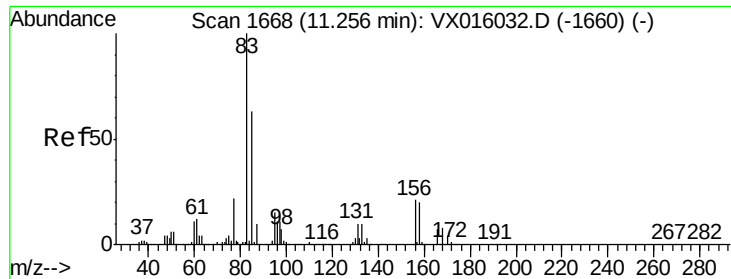
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 63.958 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

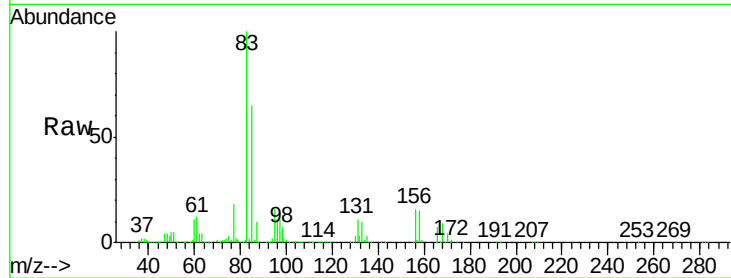
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	211919
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.8	32.0	96.0

Manual Integrations
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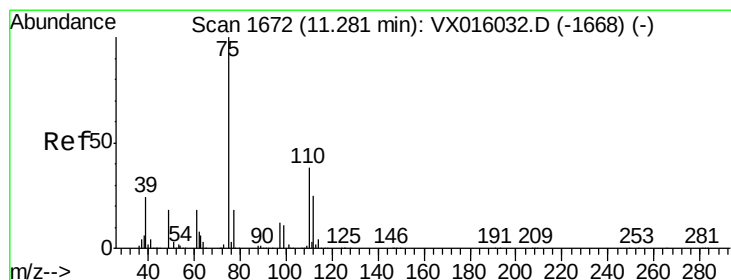
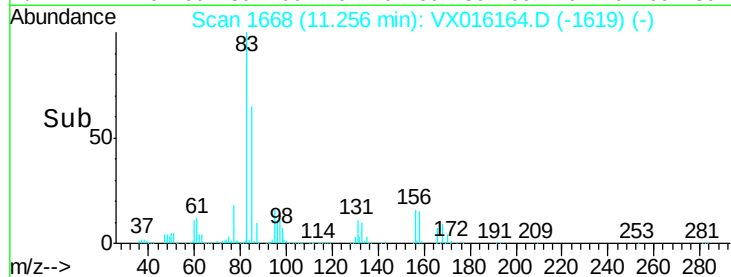
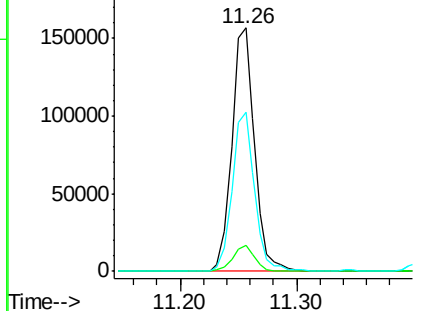
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.535 ug/l m

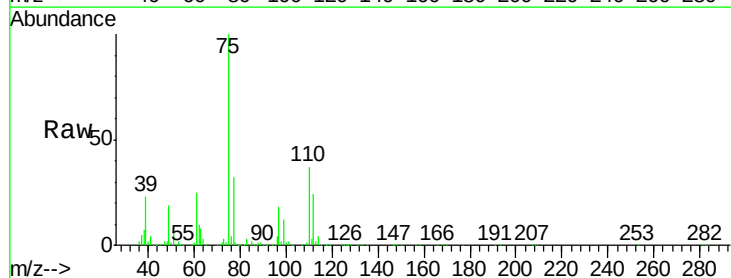
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016164.D

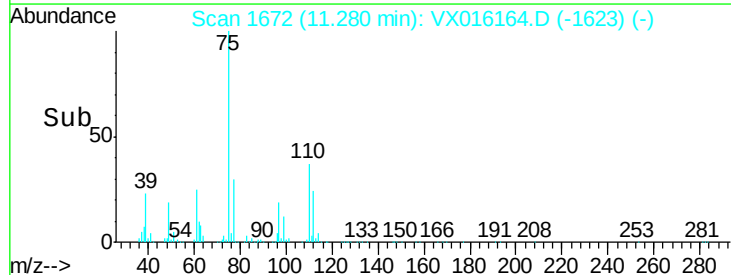
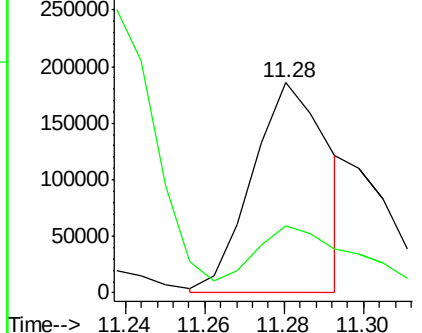
Acq: 11 May 2020 20:59

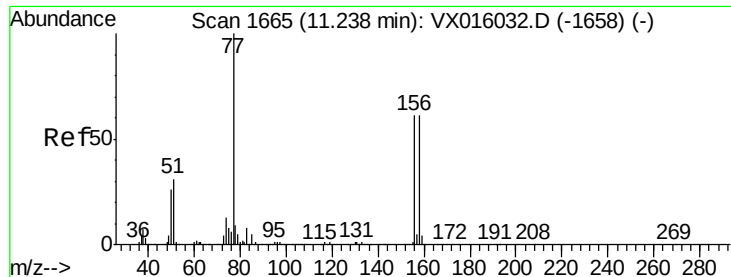
Tgt Ion:	75	Resp:	246739
Ion Ratio	Lower	Upper	
75	100		
77	43.3	21.2	63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.211 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

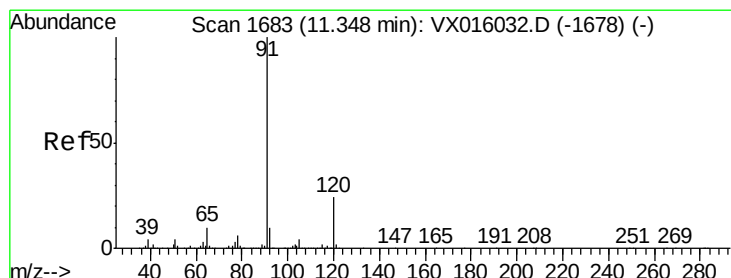
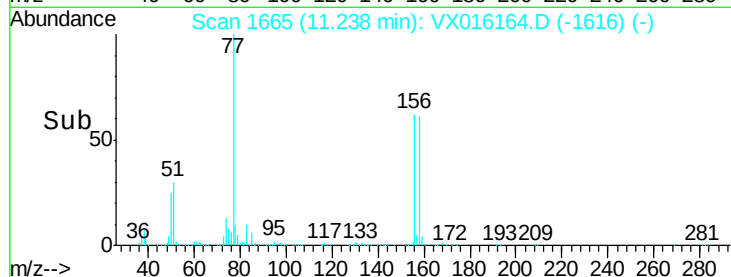
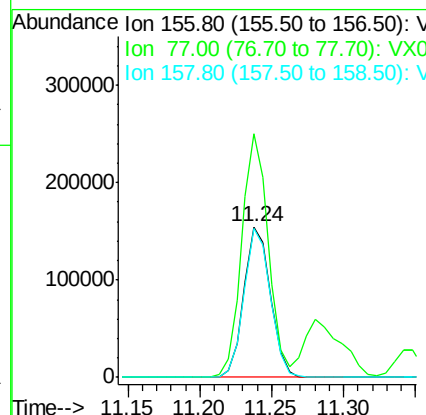
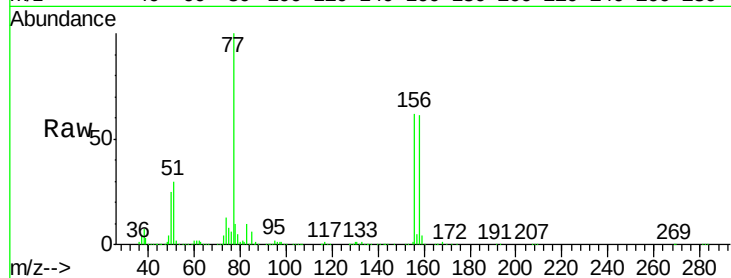
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	198563
Ion Ratio	Lower	Upper	
156	100		
77	161.8	80.1	240.3
158	97.7	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 46.991 ug/l

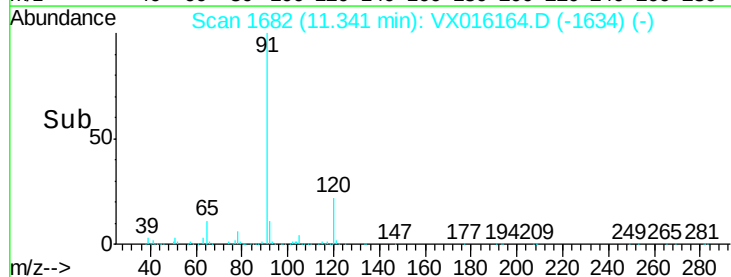
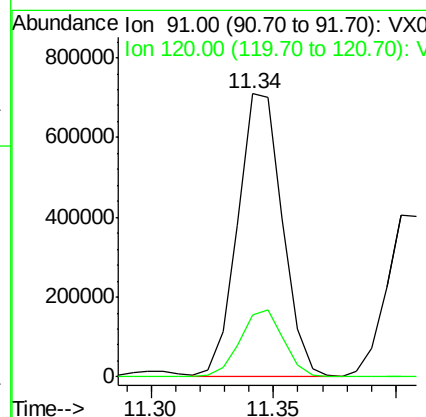
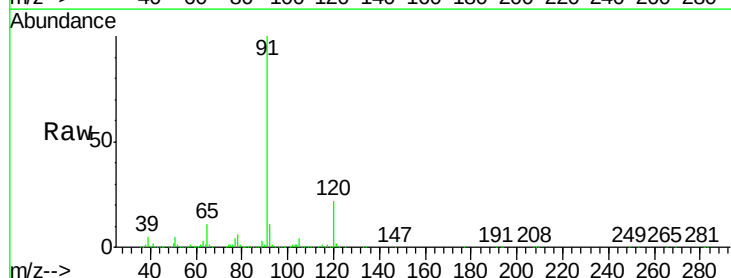
RT: 11.34 min Scan# 1682

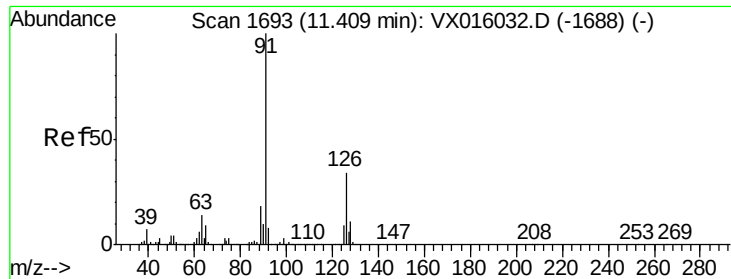
Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	91	Resp:	890762
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





#79

2-Chlorotoluene

Concen: 47.295 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 529199

Ion Ratio Lower Upper

91 100

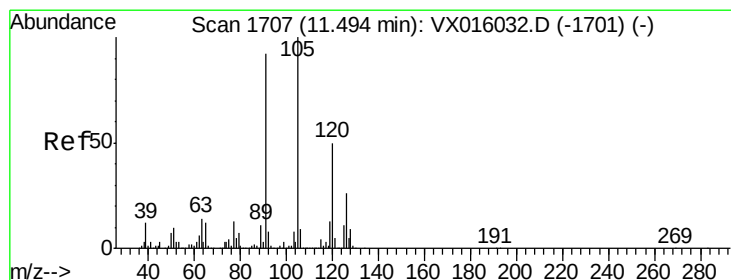
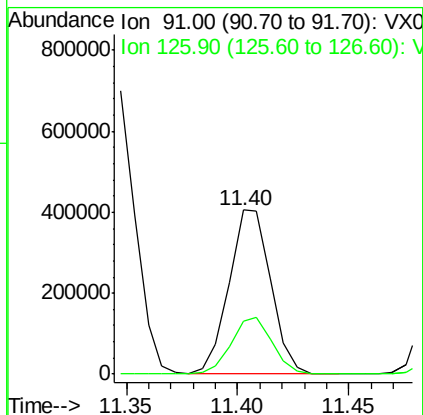
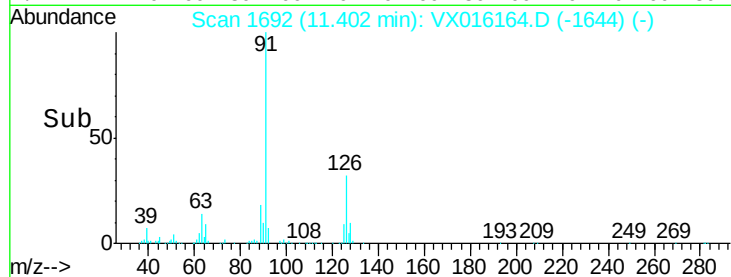
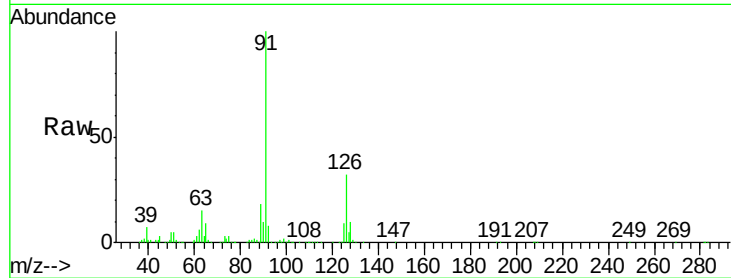
126 33.7 16.9 50.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.565 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016164.D

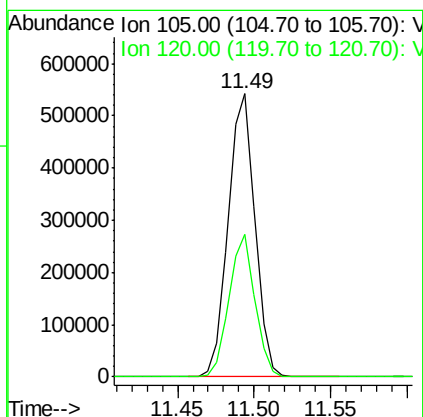
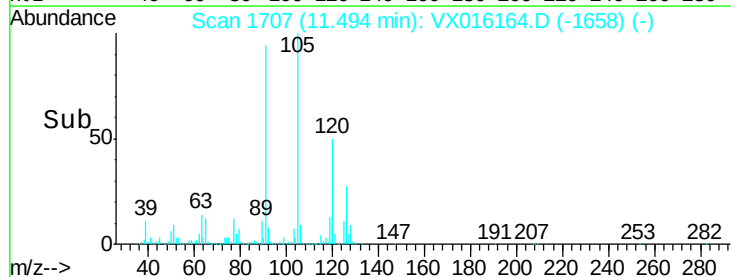
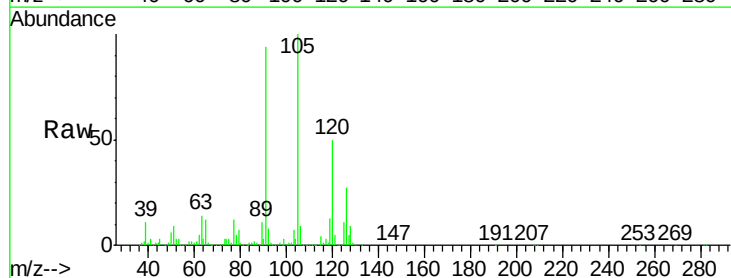
Acq: 11 May 2020 20:59

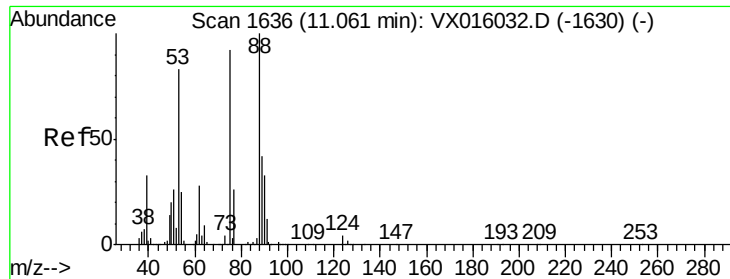
Tgt Ion: 105 Resp: 654398

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0





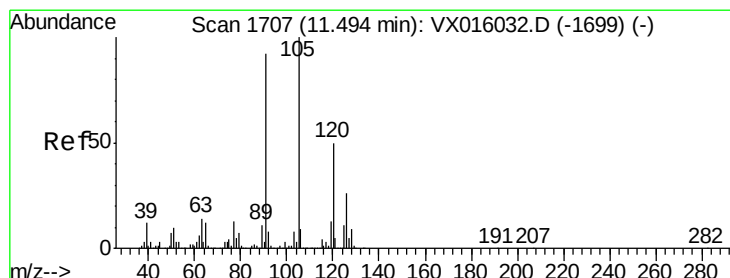
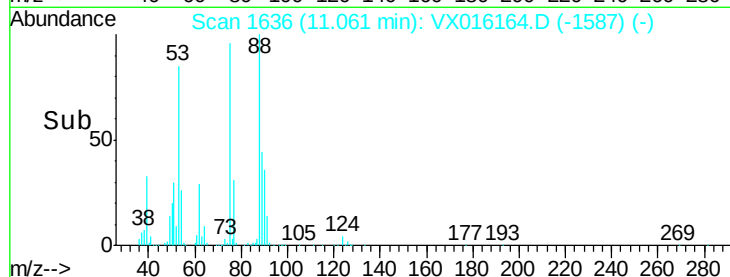
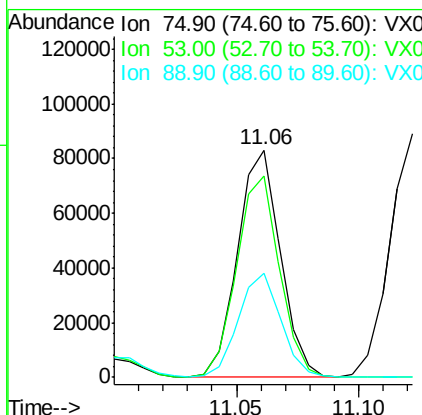
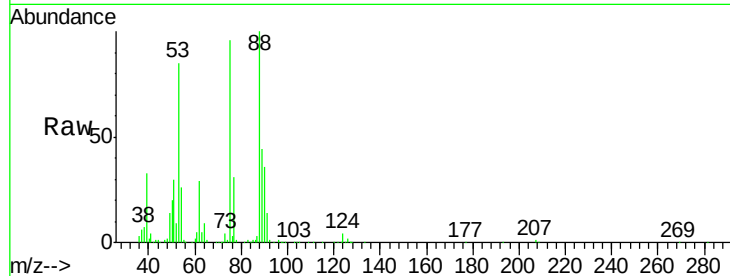
#81
trans-1,4-Dichloro-2-butene
Concen: 47.203 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.3	73.1	109.7
89	45.4	36.7	55.1

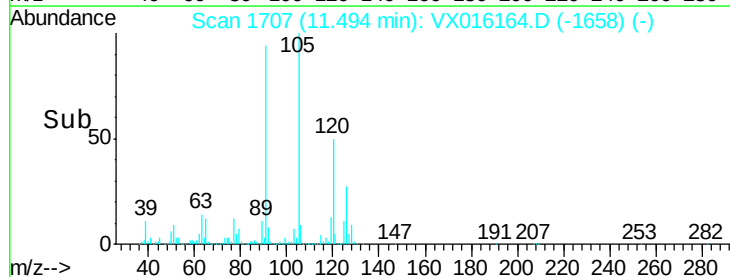
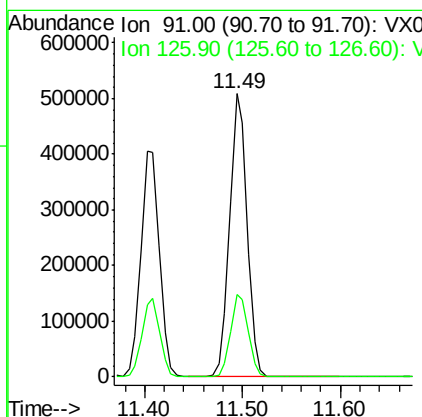
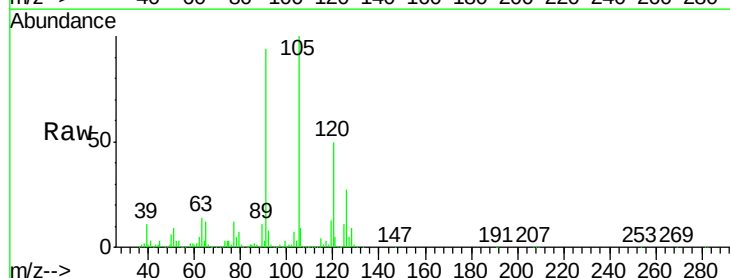
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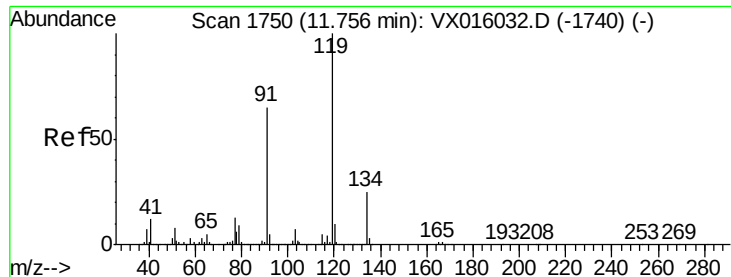
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#82
4-Chlorotoluene
Concen: 47.660 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.3





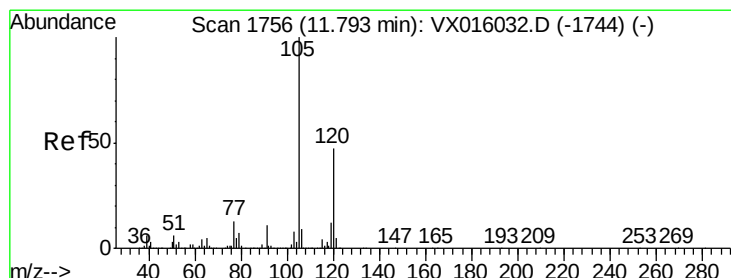
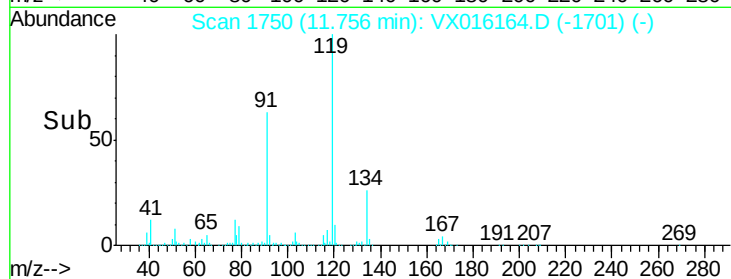
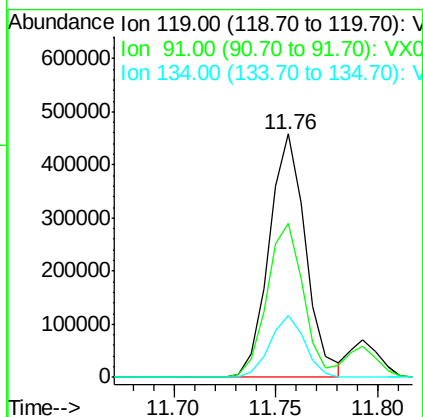
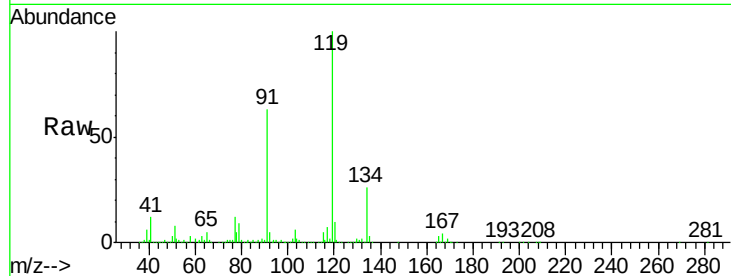
#83
tert-Butylbenzene
Concen: 48.253 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	572105		
91	62.4	32.8	98.4	
134	24.3	12.4	37.0	

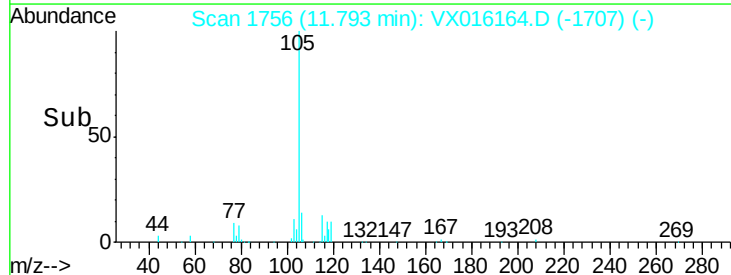
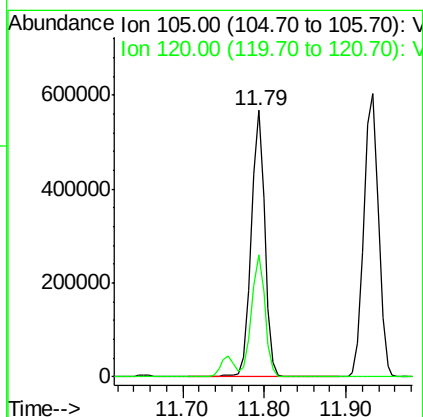
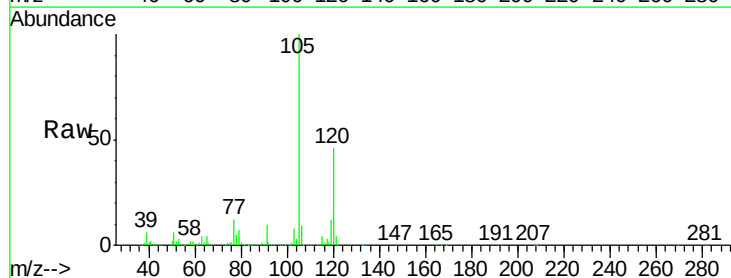
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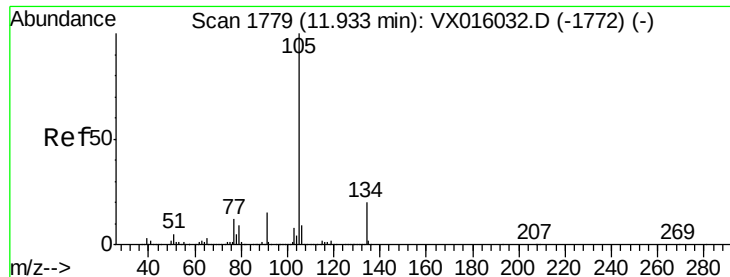
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#84
1,2,4-Trimethylbenzene
Concen: 47.510 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	660823		
120	45.6	23.0	69.0	





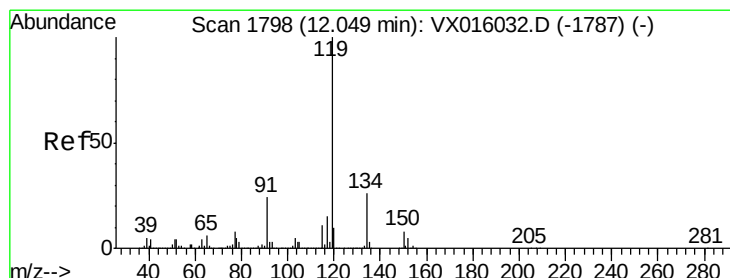
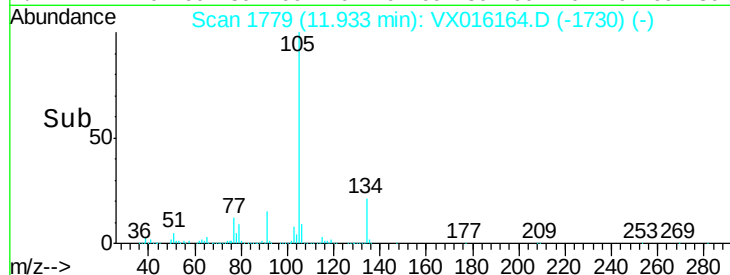
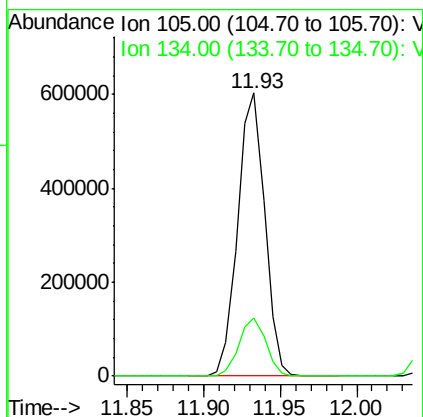
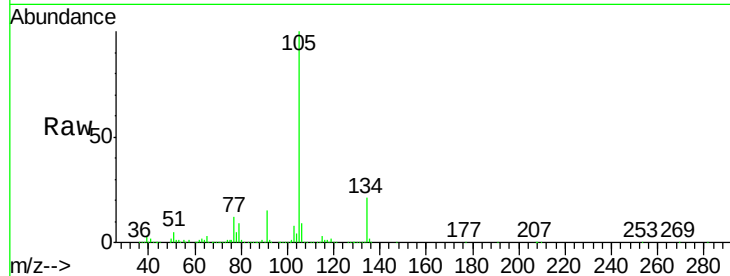
#85
 sec-Butylbenzene
 Concen: 46.101 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.3

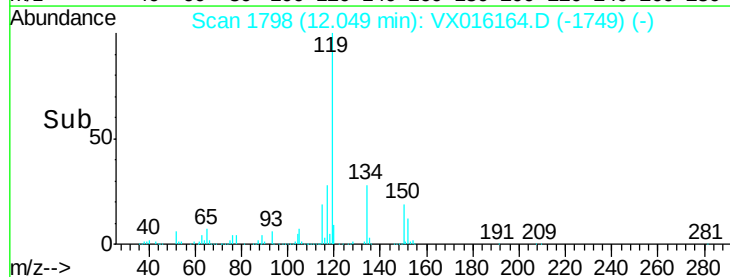
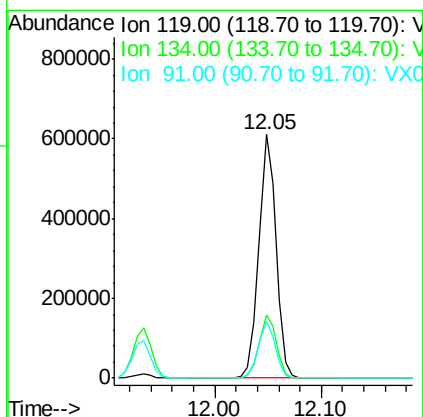
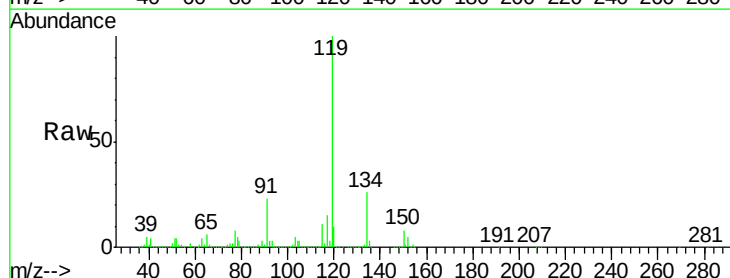
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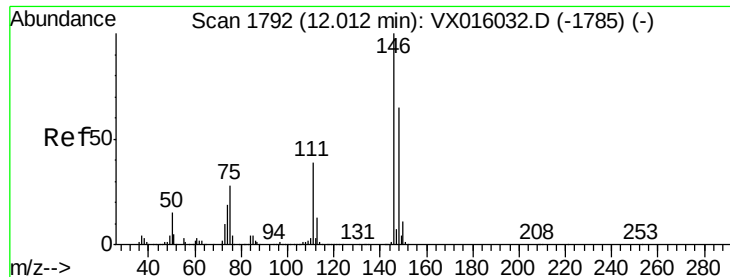
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#86
 p-Isopropyltoluene
 Concen: 46.680 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.1	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 46.761 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Instrument :

MSVOA_X

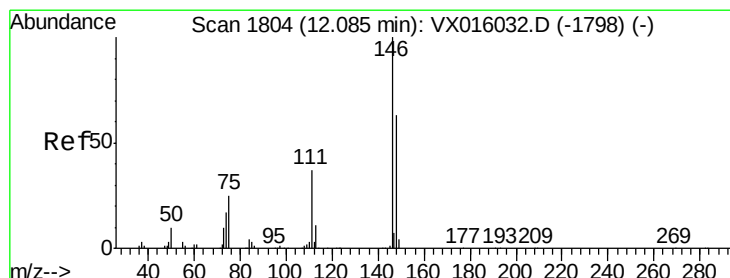
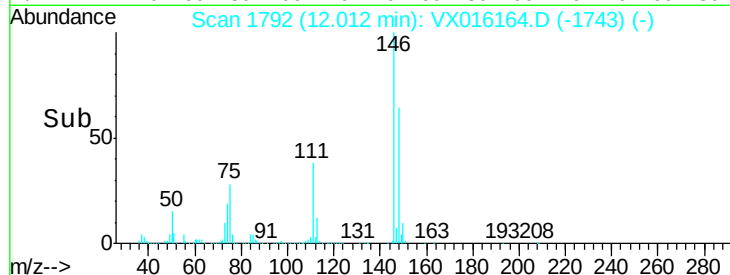
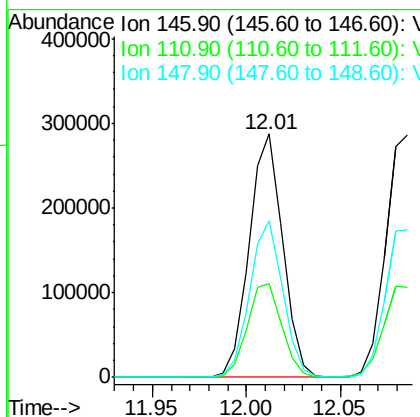
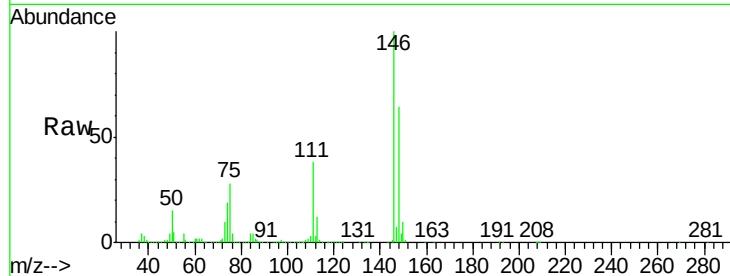
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	353132
Ion Ratio		Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.6	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.354 ug/l

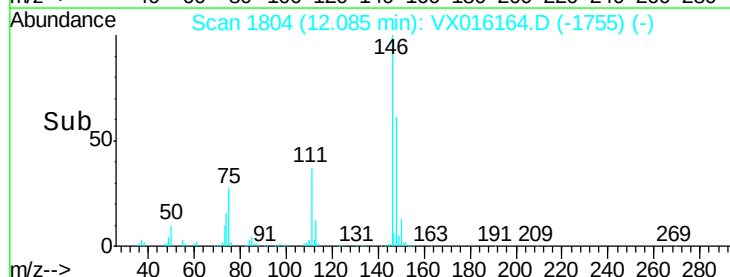
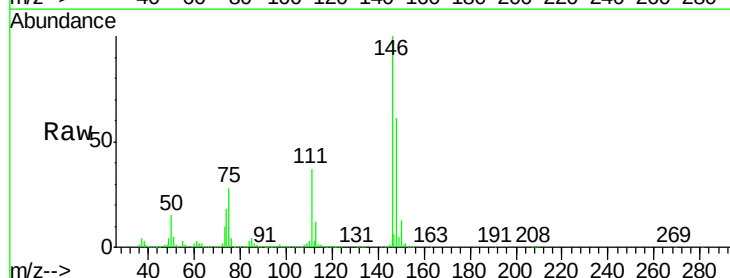
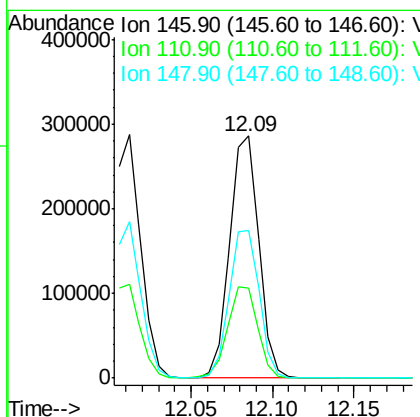
RT: 12.09 min Scan# 1804

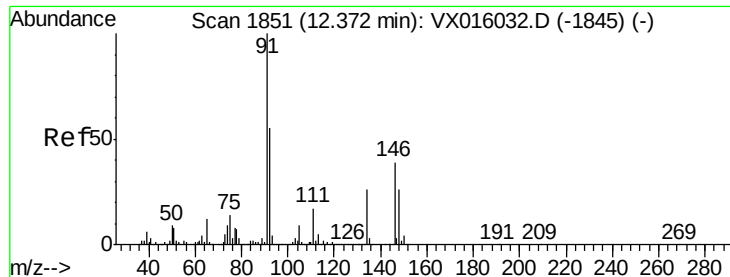
Delta R.T. -0.00 min

Lab File: VX016164.D

Acq: 11 May 2020 20:59

Tgt Ion:	146	Resp:	355295
Ion Ratio		Lower	Upper
146	100		
111	38.9	19.6	58.7
148	63.0	31.8	95.3





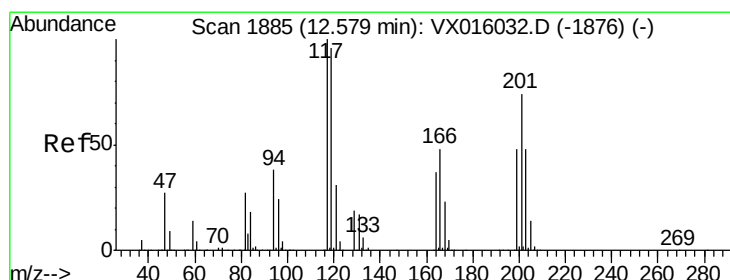
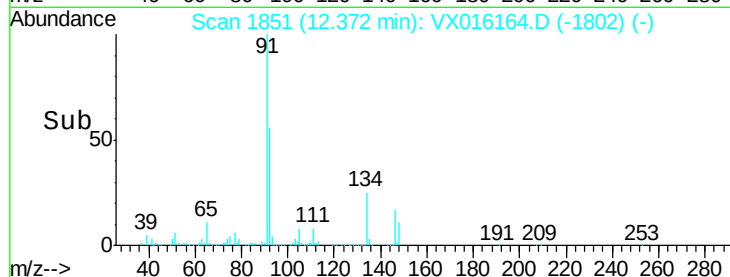
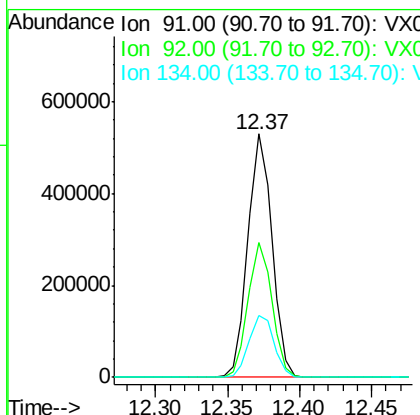
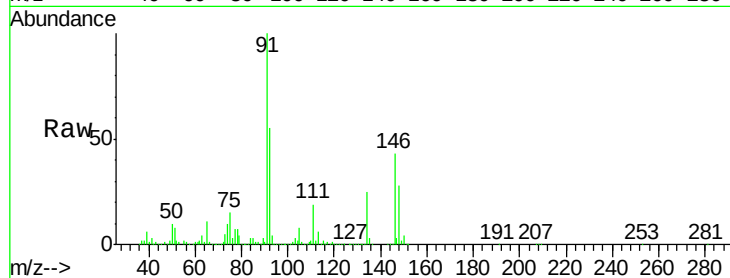
#89
n-Butylbenzene
Concen: 45.076 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.4	13.4	40.1

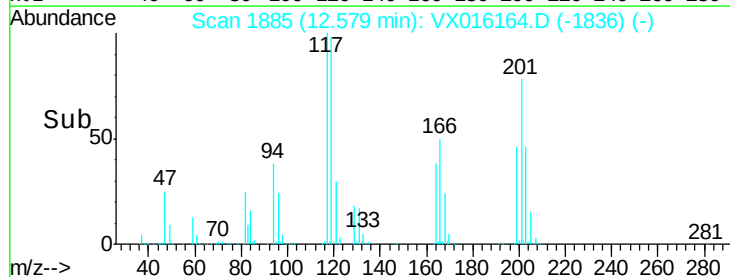
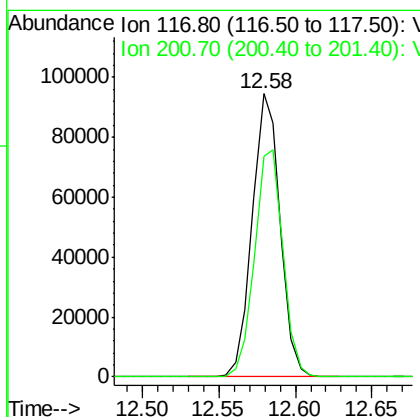
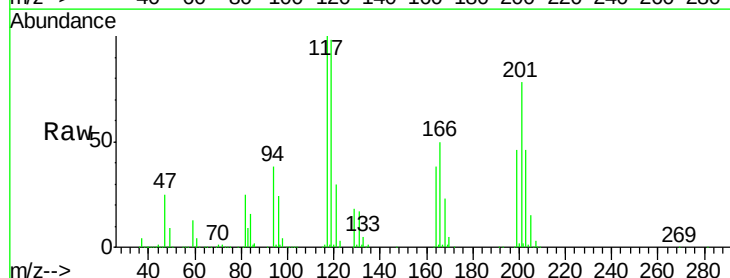
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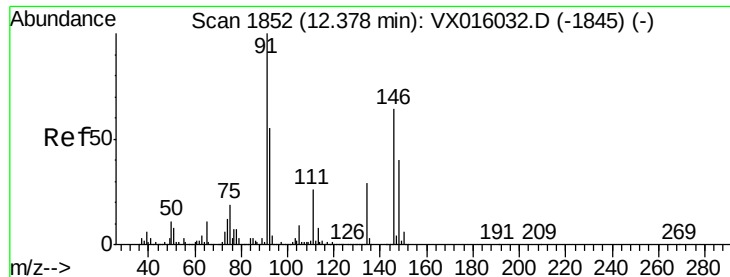
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#90
Hexachloroethane
Concen: 46.896 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	39.8	119.3





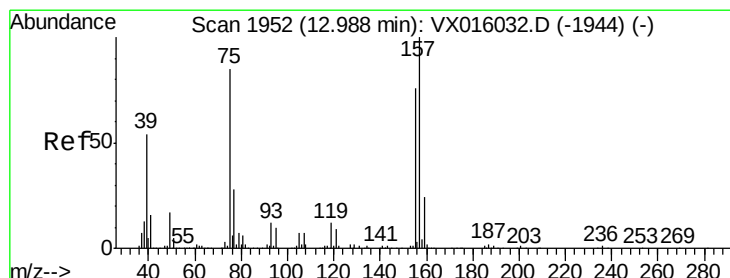
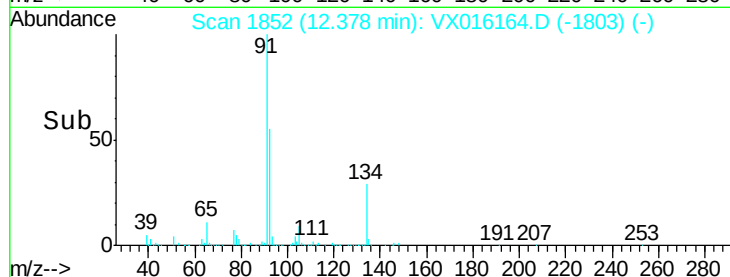
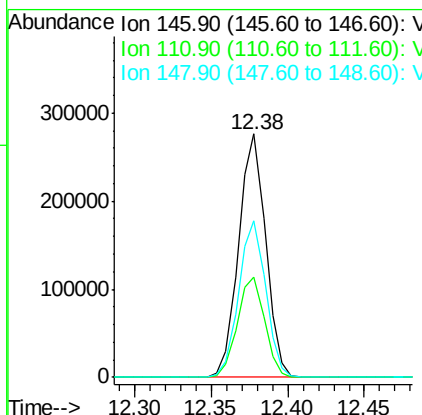
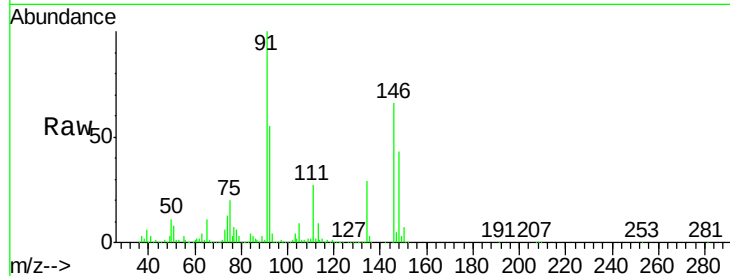
#91
 1,2-Dichlorobenzene
 Concen: 46.580 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.8	21.1	63.1	
148	64.4	32.4	97.0	

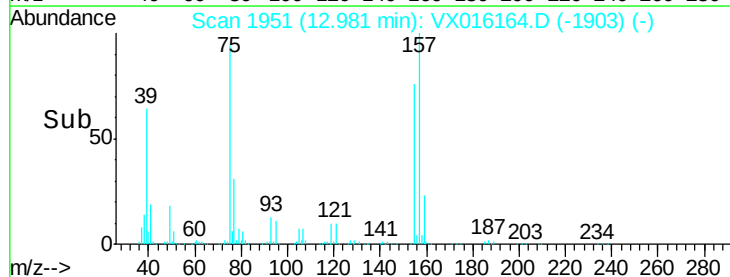
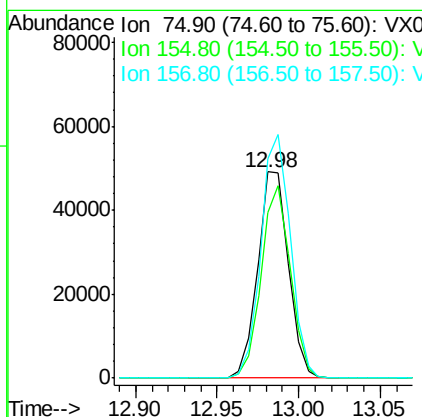
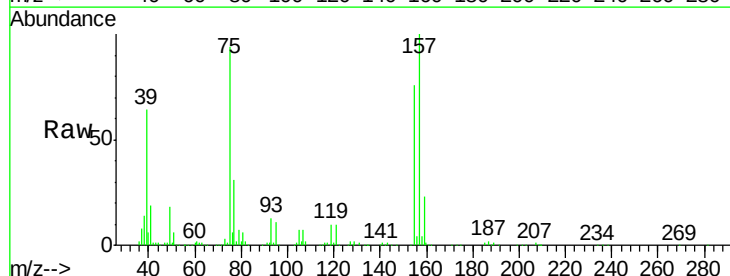
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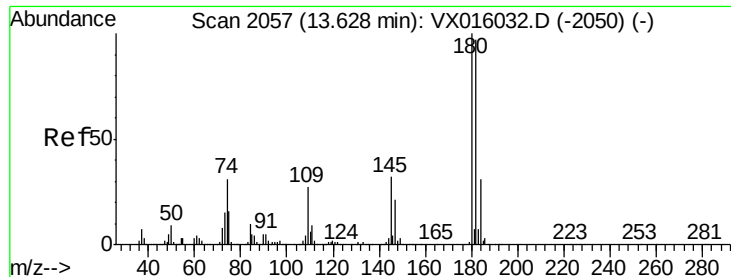
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.195 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	87.9	42.5	127.5	
157	112.7	55.3	165.8	





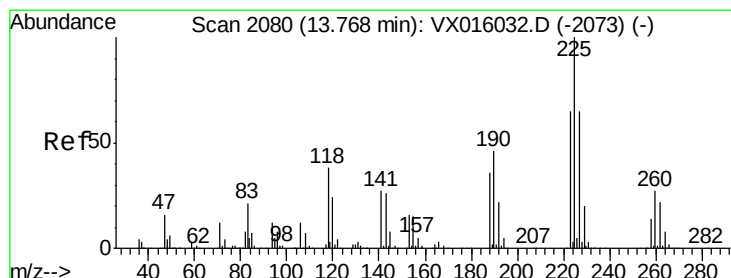
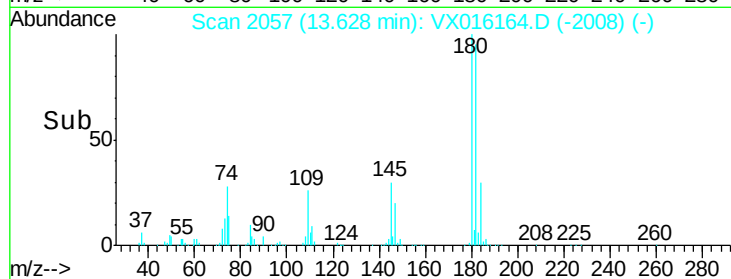
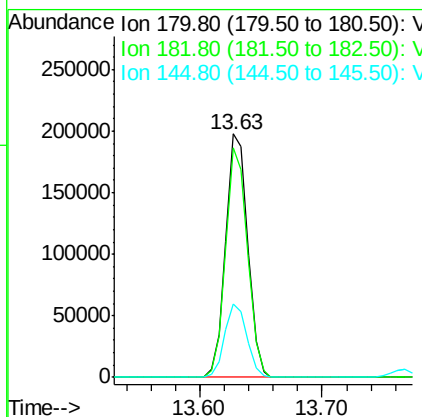
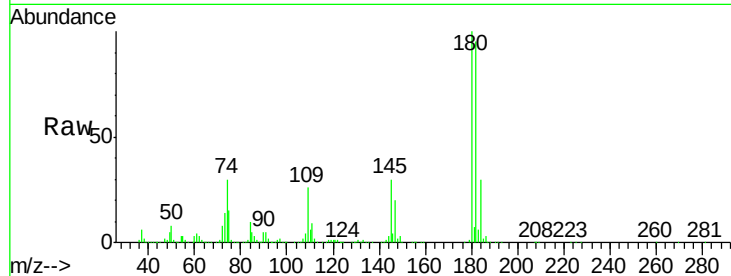
#93
 1,2,4-Trichlorobenzene
 Concen: 45.689 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245975		
182	93.3	48.7	146.1	
145	30.2	15.7	47.1	

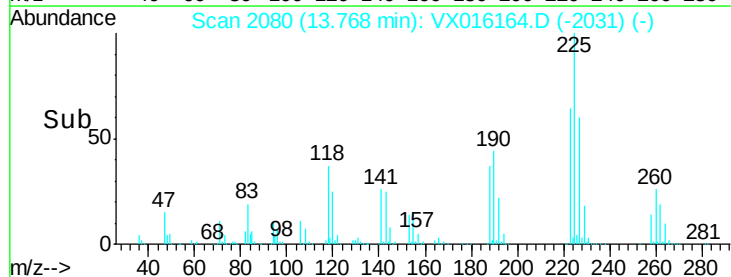
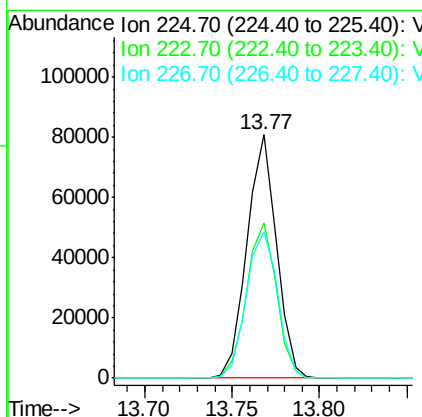
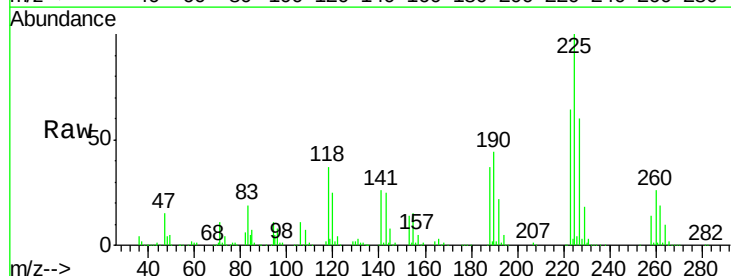
Manual Integrations
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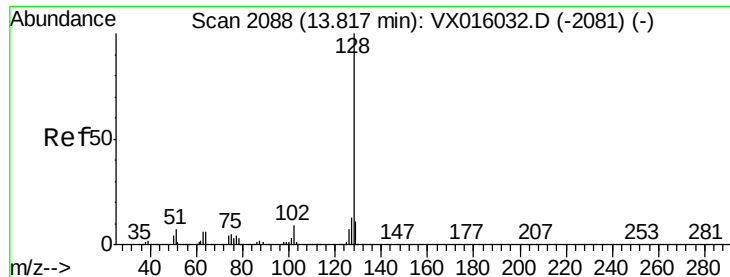
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#94
 Hexachlorobutadiene
 Concen: 41.164 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016164.D
 Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95209		
223	64.6	32.3	96.9	
227	63.7	31.8	95.4	





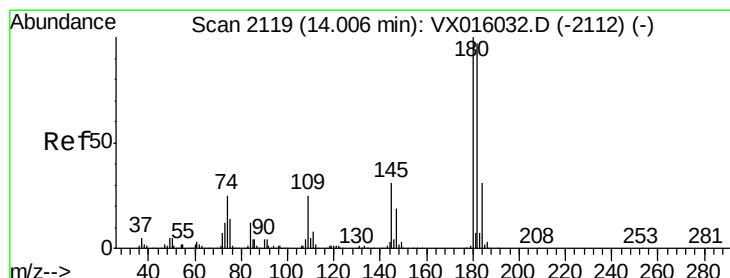
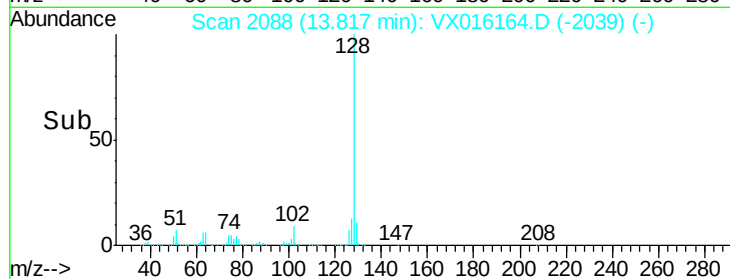
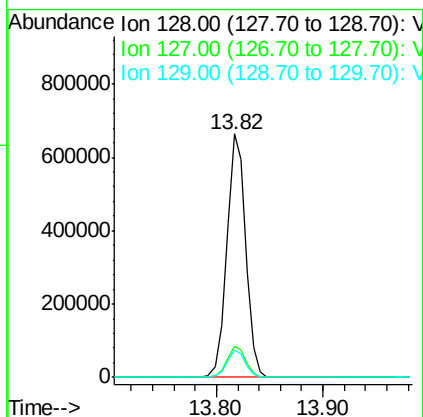
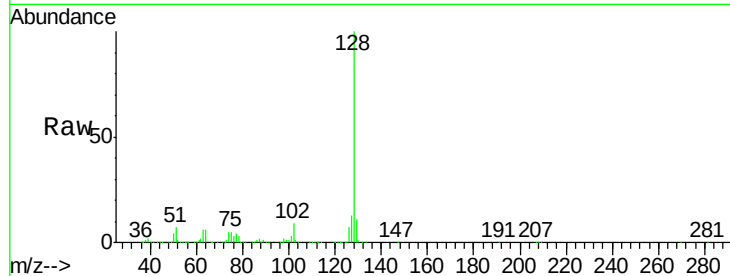
#95
Naphthalene
Concen: 47.028 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.446 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016164.D
Acq: 11 May 2020 20:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	32.9	16.4	49.1

