

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016767.D
 Acq On : 15 Jun 2020 20:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:23 PM

Quant Time: Jun 16 08:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	88596	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	118131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	88172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	38582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	27132	27.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.50%	
35) Dibromofluoromethane	5.47	113	30579	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	
50) Toluene-d8	8.70	98	131331	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.12	95	35336	34.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	44578	44.553	ug/l	98
3) Chloromethane	1.31	50	47247	48.853	ug/l	100
4) Vinyl Chloride	1.39	62	53085	51.441	ug/l	97
5) Bromomethane	1.64	94	28114	43.867	ug/l	100
6) Chloroethane	1.72	64	29076	45.740	ug/l	94
7) Trichlorofluoromethane	1.92	101	69296	46.623	ug/l	98
8) Diethyl Ether	2.17	74	12513	20.616	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31404	41.530	ug/l	99
10) Methyl Iodide	2.50	142	57823	61.179	ug/l	100
11) Tert butyl alcohol	3.04	59	8208	32.786	ug/l #	89
12) 1,1-Dichloroethene	2.36	96	39848	46.018	ug/l	97
13) Acrolein	2.28	56	4747	46.428	ug/l	100
14) Allyl chloride	2.71	41	48629	35.907	ug/l	94
15) Acrylonitrile	3.12	53	30533	60.104	ug/l	98
16) Acetone	2.43	43	24032	53.164	ug/l	96
17) Carbon Disulfide	2.56	76	120334	48.523	ug/l	100
18) Methyl Acetate	2.76	43	15004	12.435	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	56278	19.069	ug/l	97
20) Methylene Chloride	2.84	84	29444	30.240	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	38490	41.364	ug/l	99
22) Diisopropyl ether	3.84	45	69045	27.142	ug/l	92
23) Vinyl Acetate	3.79	43	185492	84.363	ug/l	99
24) 1,1-Dichloroethane	3.68	63	59553	37.430	ug/l	99
25) 2-Butanone	4.65	43	32876	48.258	ug/l	91
26) 2,2-Dichloropropane	4.56	77	54419	36.938	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	35746	33.610	ug/l	99
28) Bromochloromethane	4.99	49	17039	25.104	ug/l	100
29) Tetrahydrofuran	5.10	42	22696	51.426	ug/l	99
30) Chloroform	5.19	83	57198	33.980	ug/l	97
31) Cyclohexane	5.56	56	53035	41.515	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	64773	42.407	ug/l	100
36) 1,1-Dichloropropene	5.78	75	52369	50.164	ug/l	98
37) Ethyl Acetate	4.81	43	15526	13.580	ug/l	99
38) Carbon Tetrachloride	5.76	117	59098	49.846	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54029	44.733	ug/l	99
40) Benzene	6.12	78	133701	42.064	ug/l	99
41) Methacrylonitrile	5.02	41	8777	14.398	ug/l	95
42) 1,2-Dichloroethane	6.17	62	30673	26.440	ug/l	99
43) Isopropyl Acetate	6.42	43	28174	15.724	ug/l	99
44) Trichloroethene	7.20	130	42267	42.990	ug/l	99
45) 1,2-Dichloropropane	7.49	63	27317	35.059	ug/l	99
46) Dibromomethane	7.64	93	13466	23.712	ug/l	98
47) Bromodichloromethane	7.88	83	37299	31.504	ug/l	99
48) Methyl methacrylate	7.75	41	13289	15.648	ug/l	97
49) 1,4-Dioxane	7.74	88	2329	110.818	ug/l #	71
51) 4-Methyl-2-Pentanone	8.62	43	74110	67.121	ug/l	99
52) Toluene	8.77	92	84348	40.854	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	31126	23.277	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	39528	28.338	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	18872	22.729	ug/l	94
56) Ethyl methacrylate	9.17	69	21922	17.634	ug/l	94
57) 1,3-Dichloropropane	9.35	76	32339	23.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	50717	82.974	ug/l	100
59) 2-Hexanone	9.48	43	50238	58.941	ug/l	98
60) Dibromochloromethane	9.57	129	23905	24.361	ug/l	100
61) 1,2-Dibromoethane	9.66	107	18067	19.966	ug/l	96
64) Tetrachloroethene	9.32	164	44653	52.739	ug/l	98
65) Chlorobenzene	10.12	112	79439	44.402	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	27354	38.326	ug/l	97
67) Ethyl Benzene	10.24	91	153808	50.854	ug/l	99
68) m/p-Xylenes	10.34	106	117011	102.036	ug/l	98
69) o-Xylene	10.68	106	50900	46.073	ug/l	99
70) Styrene	10.70	104	79669	41.715	ug/l	99
71) Bromoform	10.84	173	14283	23.455	ug/l #	98
73) Isopropylbenzene	11.01	105	154783	61.140	ug/l	100
74) N-amyl acetate	10.88	43	22216	22.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	17654	23.706	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	17496m	21.564	ug/l	
77) Bromobenzene	11.24	156	30121	42.139	ug/l	99
78) n-propylbenzene	11.34	91	180760	65.748	ug/l	99
79) 2-Chlorotoluene	11.40	91	94643	54.439	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	120884	56.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	3627	11.254	ug/l	98
82) 4-Chlorotoluene	11.49	91	106750	52.458	ug/l	100
83) tert-Butylbenzene	11.76	119	114293	58.858	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	113272	52.763	ug/l	99
85) sec-Butylbenzene	11.93	105	146786	64.623	ug/l	99
86) p-Isopropyltoluene	12.05	119	129535	59.436	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	56248	46.546	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	54445	43.444	ug/l	100
89) n-Butylbenzene	12.37	91	109240	60.718	ug/l	99
90) Hexachloroethane	12.58	117	20759	51.652	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	44073	36.469	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3277	15.736	ug/l	91

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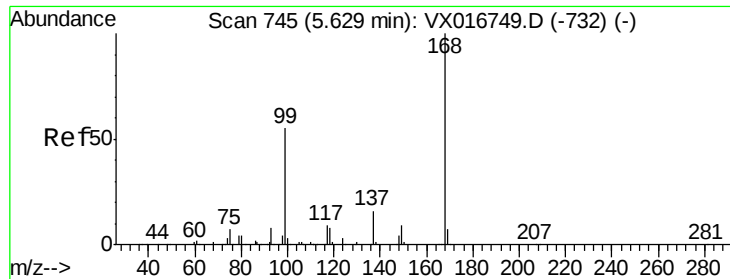
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21162	25.005	ug/l	99
94) Hexachlorobutadiene	13.77	225	17504	47.027	ug/l	96
95) Naphthalene	13.82	128	36453	13.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	13847	16.623	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 88596

Ion Ratio Lower Upper

168 100

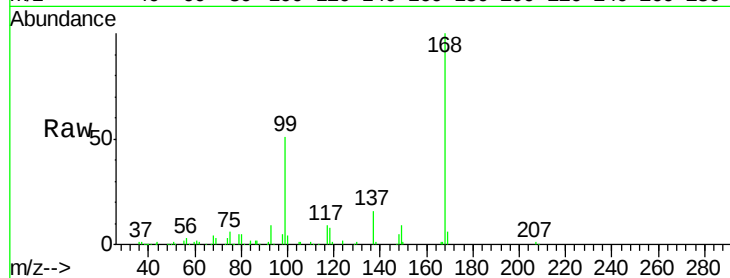
99 50.5 43.8 65.6

Manual Integrations

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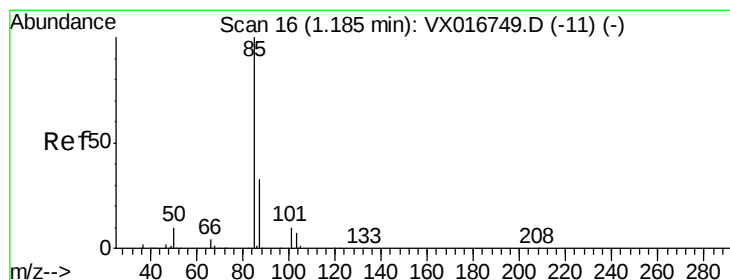
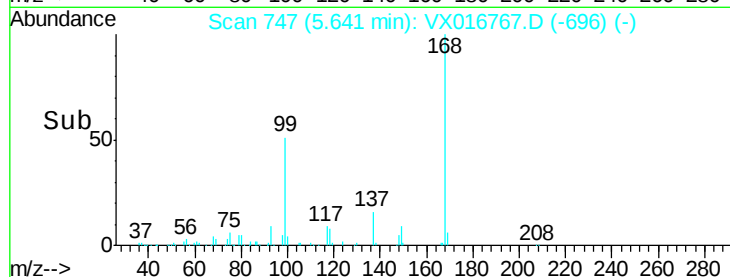
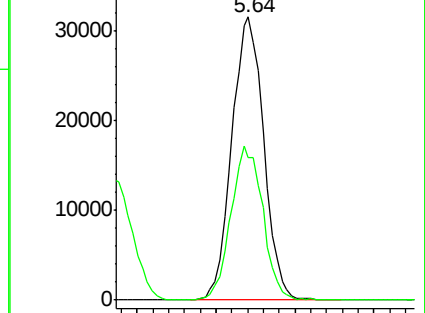
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.553 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016767.D

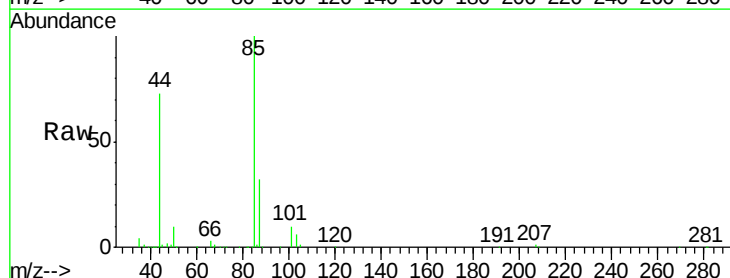
Acq: 15 Jun 2020 20:11

Tgt Ion: 85 Resp: 44578

Ion Ratio Lower Upper

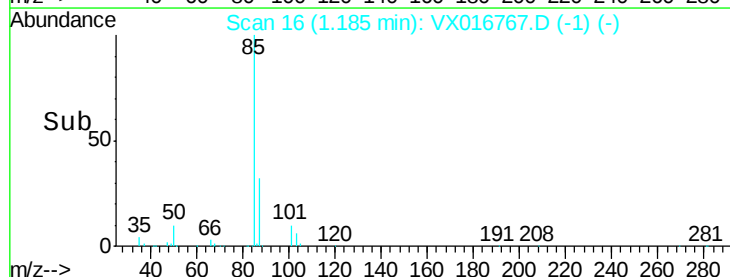
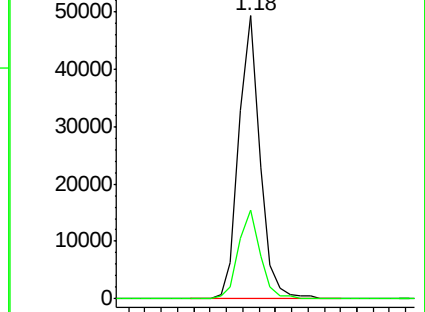
85 100

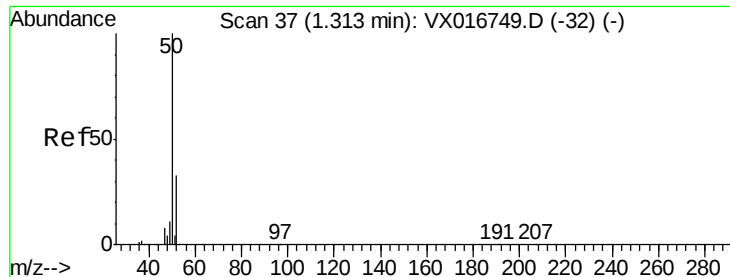
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.853 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 47247

Ion Ratio Lower Upper

50 100

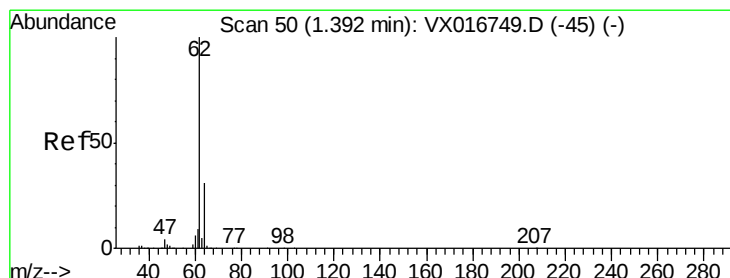
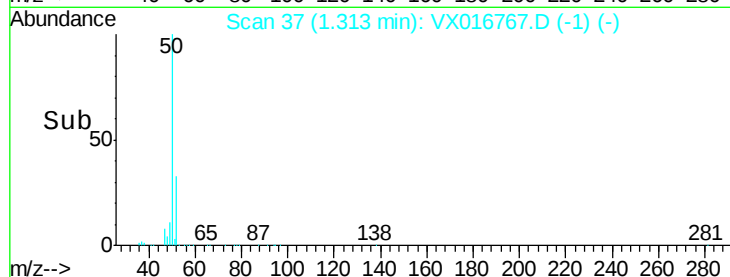
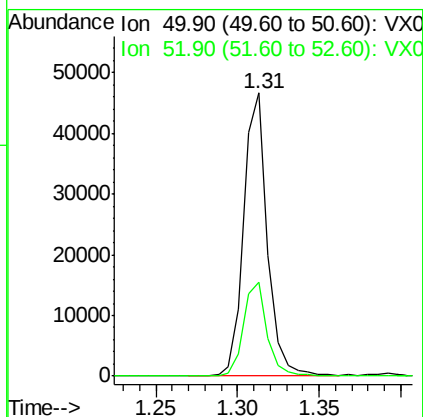
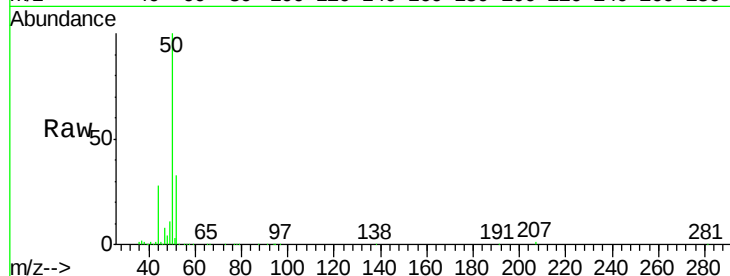
52 33.4 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.441 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016767.D

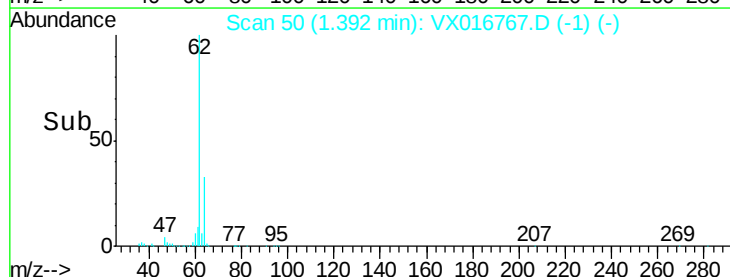
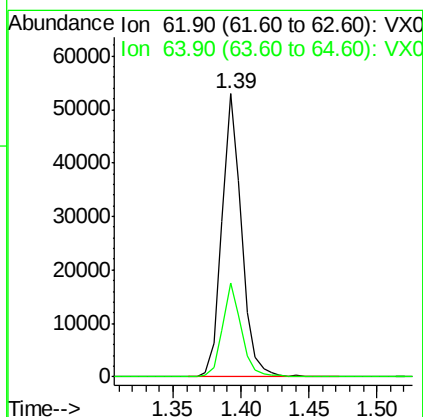
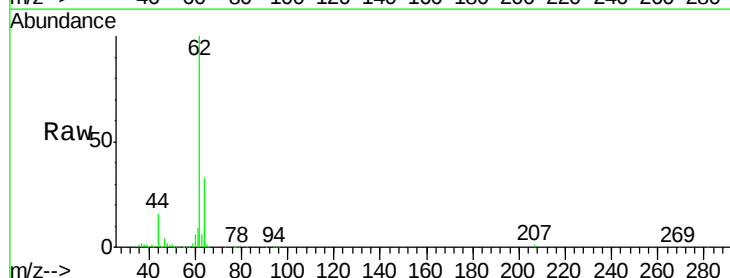
Acq: 15 Jun 2020 20:11

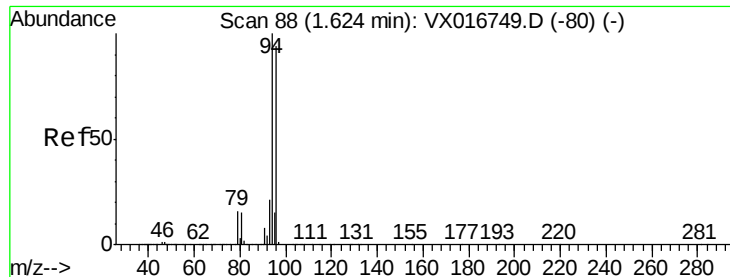
Tgt Ion: 62 Resp: 53085

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7





#5

Bromomethane

Concen: 43.867 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 28114

Ion Ratio Lower Upper

94 100

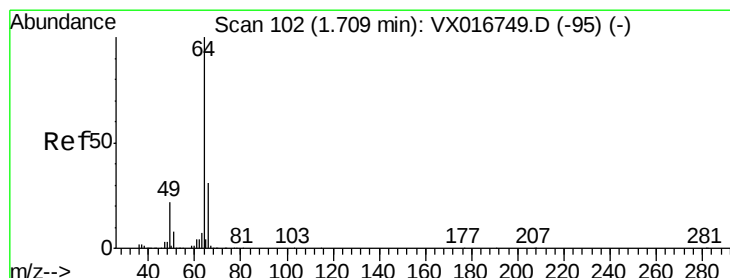
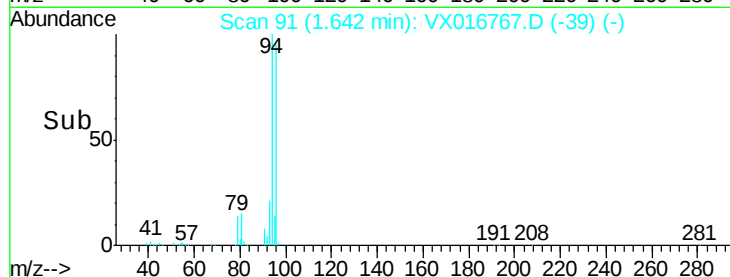
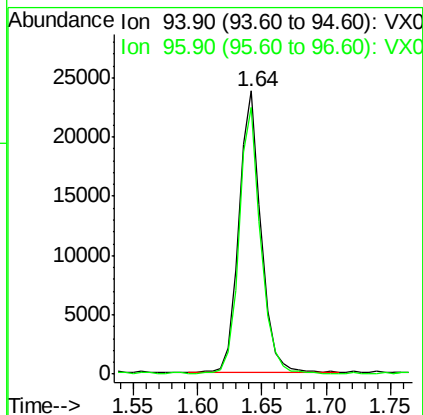
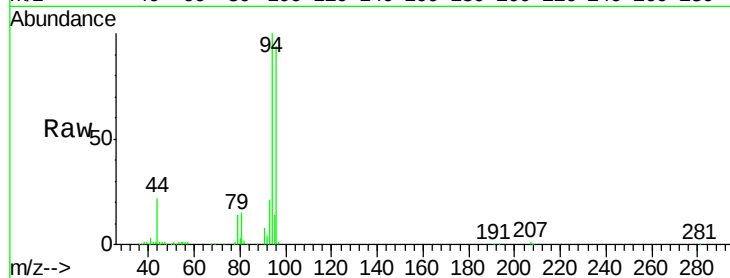
96 94.6 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 45.740 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016767.D

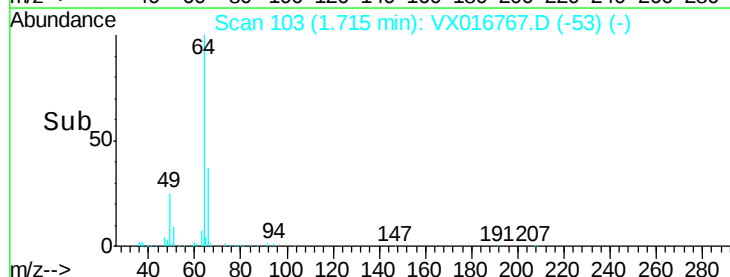
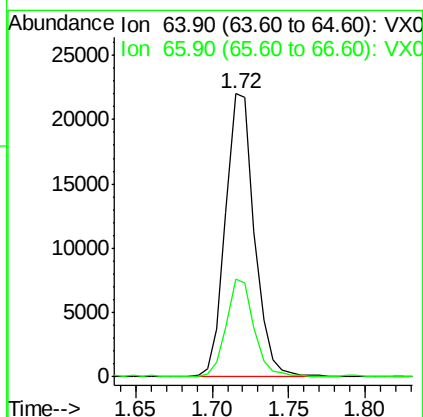
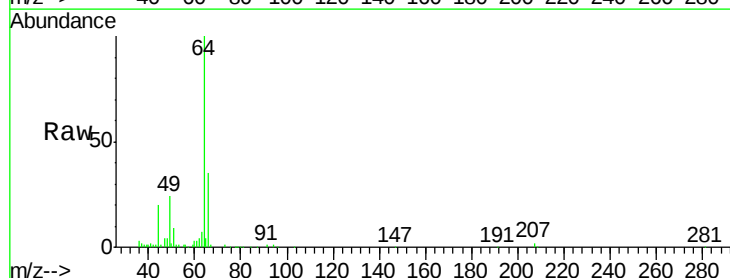
Acq: 15 Jun 2020 20:11

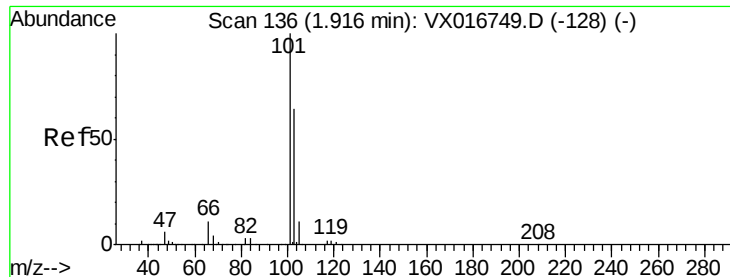
Tgt Ion: 64 Resp: 29076

Ion Ratio Lower Upper

64 100

66 34.7 25.0 37.6





#7

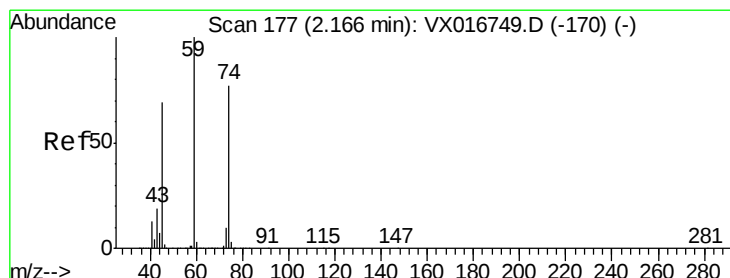
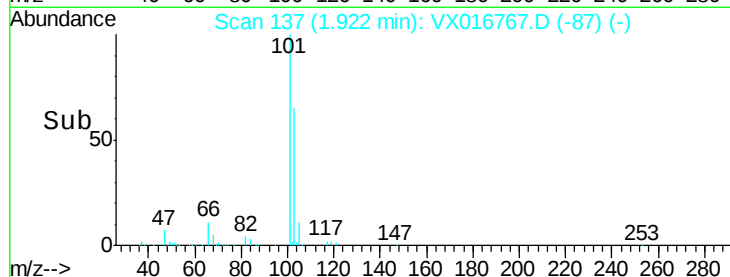
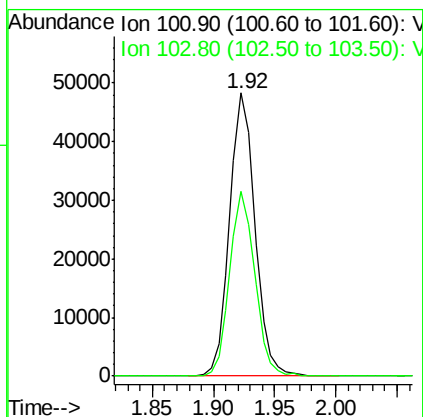
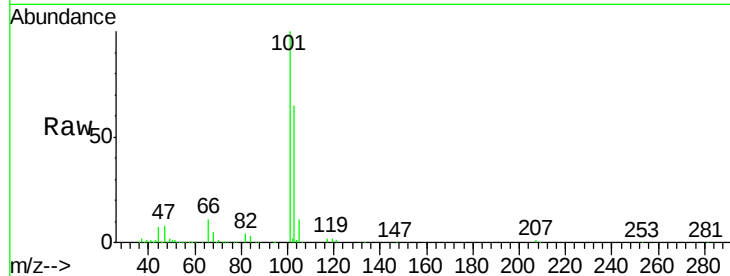
Trichlorofluoromethane
Concen: 46.623 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.3	76.9

Manual Integrations
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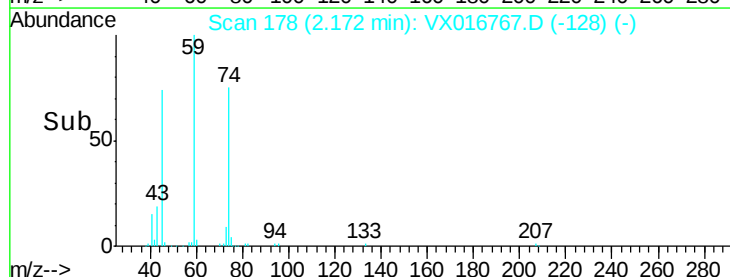
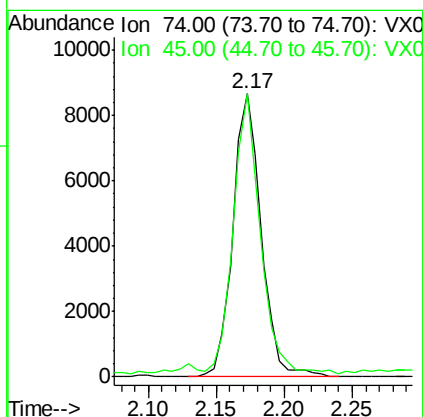
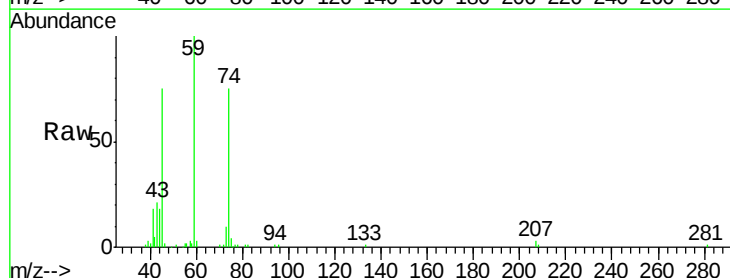
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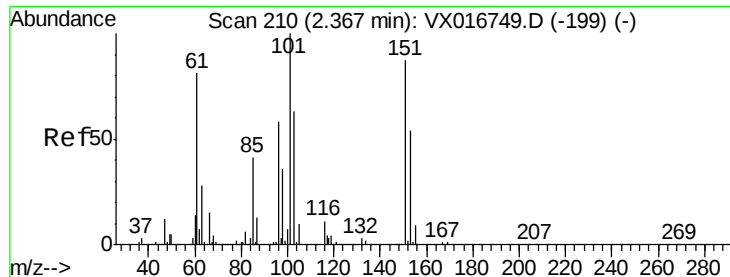


#8

Diethyl Ether
Concen: 20.616 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.530 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

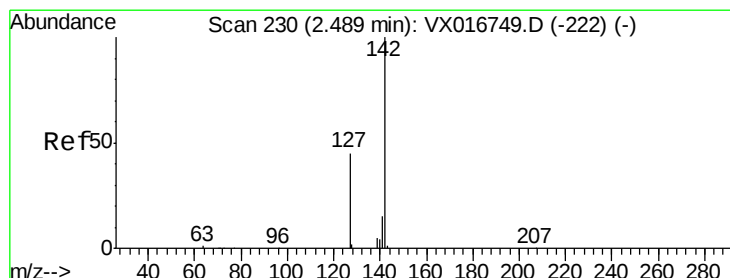
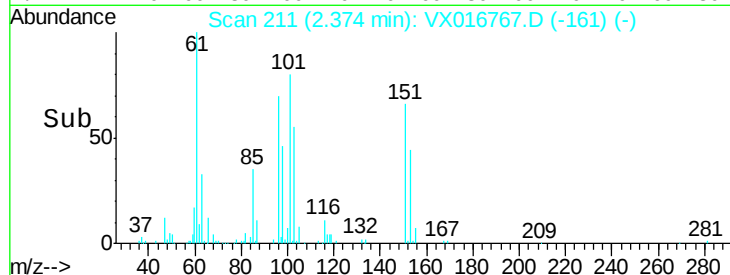
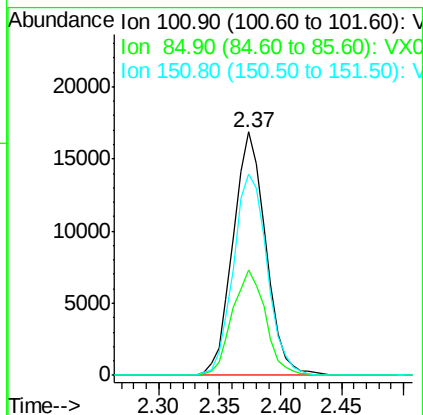
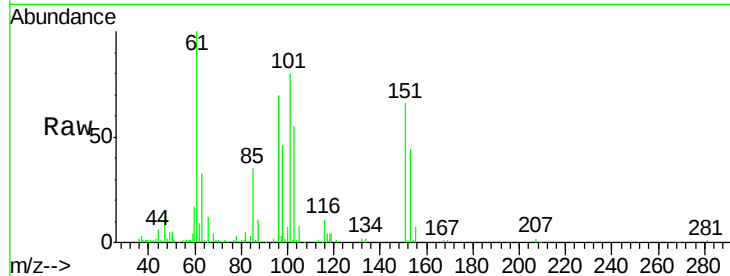
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	31404
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.0	51.0
151	85.2	68.7	103.1

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#10

Methyl Iodide

Concen: 61.179 ug/l

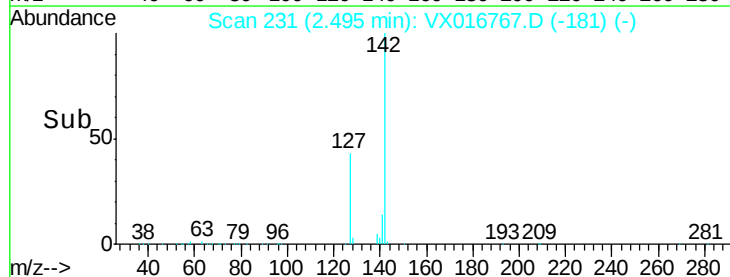
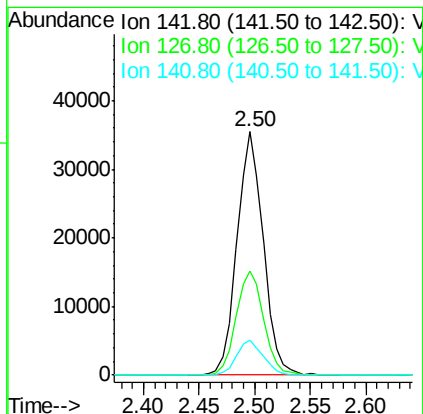
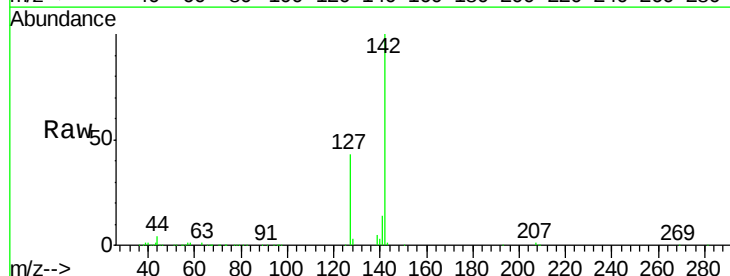
RT: 2.50 min Scan# 231

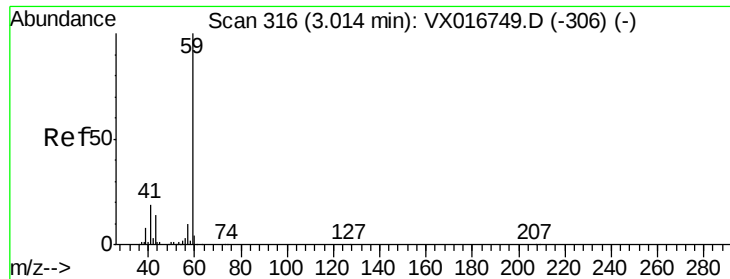
Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Tgt Ion:	142	Resp:	57823
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.4	53.2
141	14.5	11.7	17.5





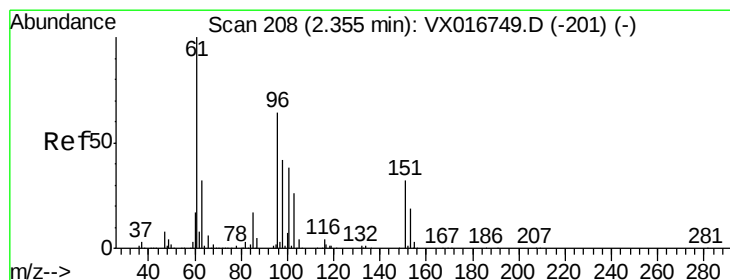
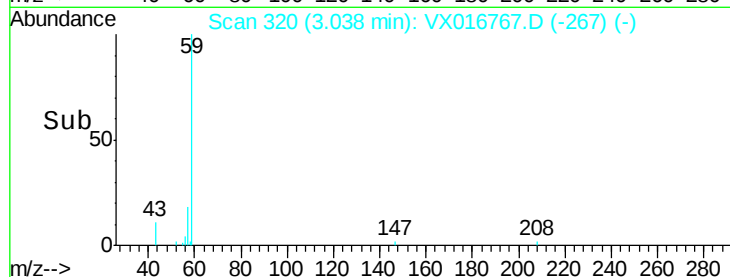
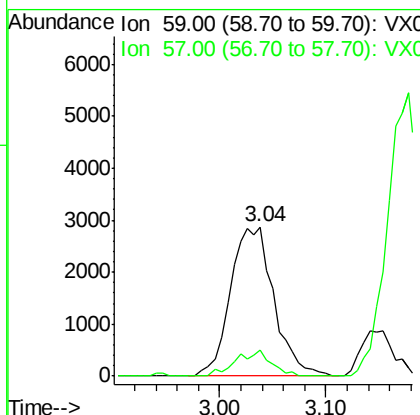
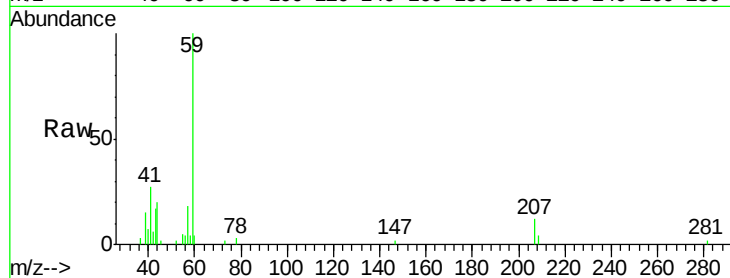
#11
Tert butyl alcohol
Concen: 32.786 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	14.2	8.2	12.2#

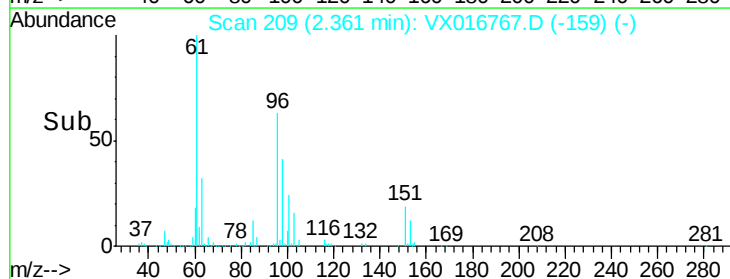
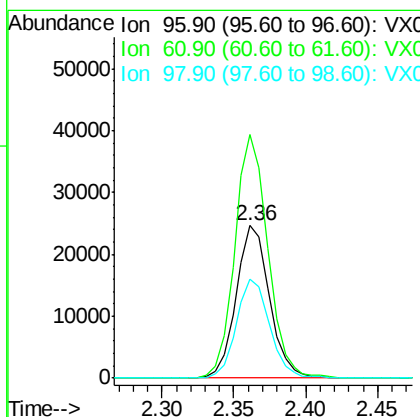
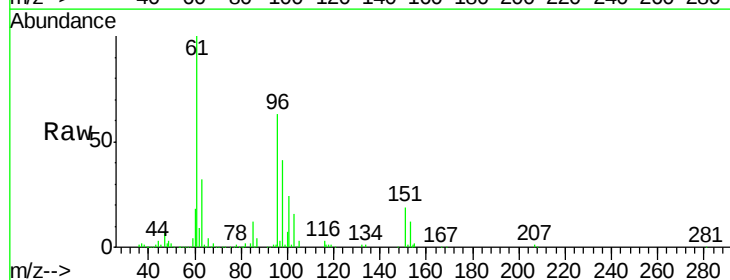
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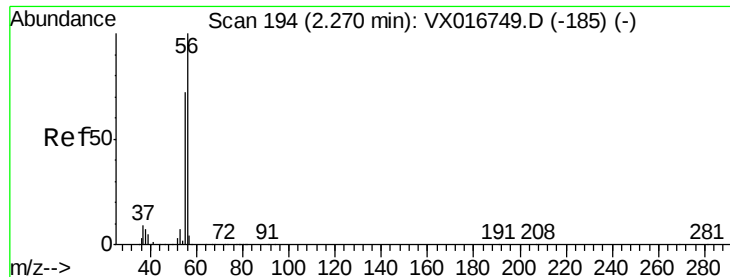
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#12
1,1-Dichloroethene
Concen: 46.018 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	159.6	124.1	186.1
98	98	64.7	52.7	79.1





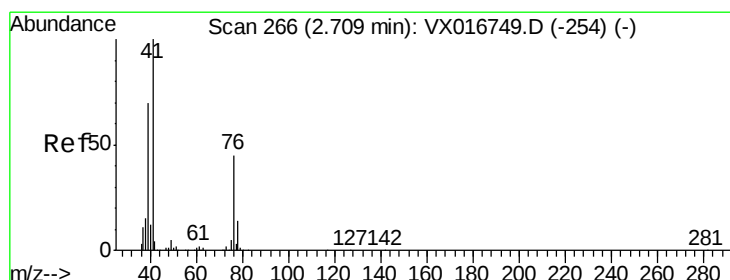
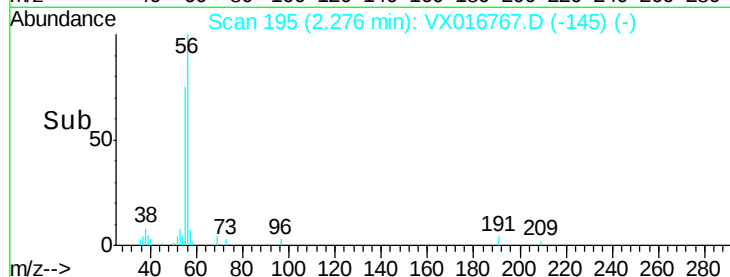
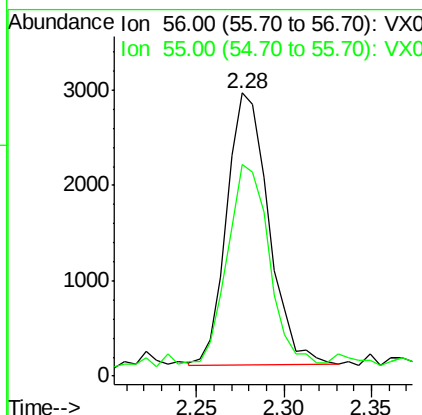
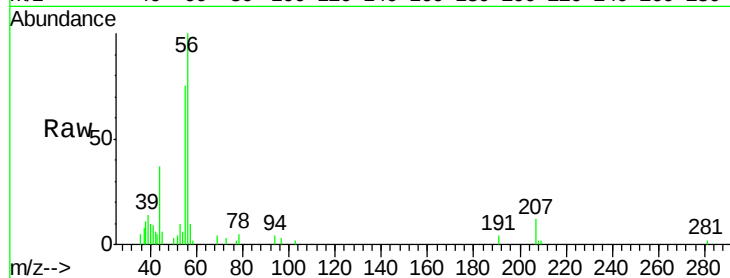
#13
Acrolein
Concen: 46.428 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.8	58.2	87.4

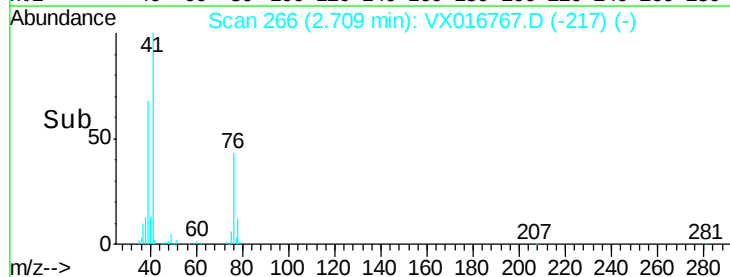
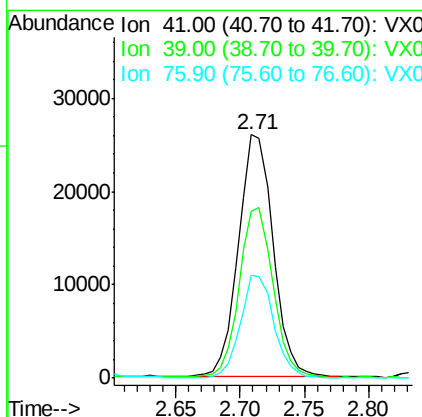
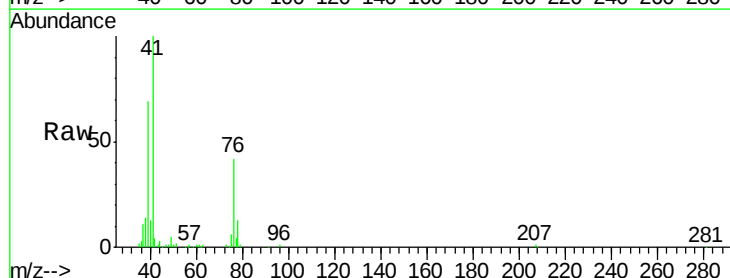
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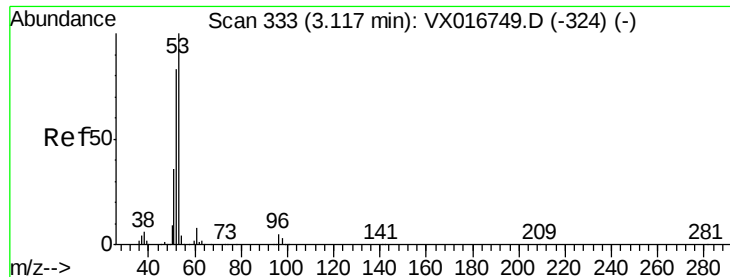
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#14
Allyl chloride
Concen: 35.907 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.3	50.2	75.4
76	41.3	30.4	45.6





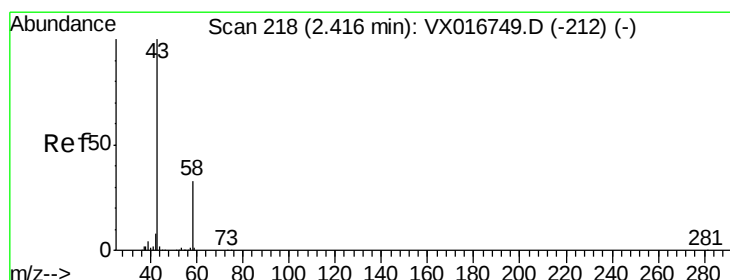
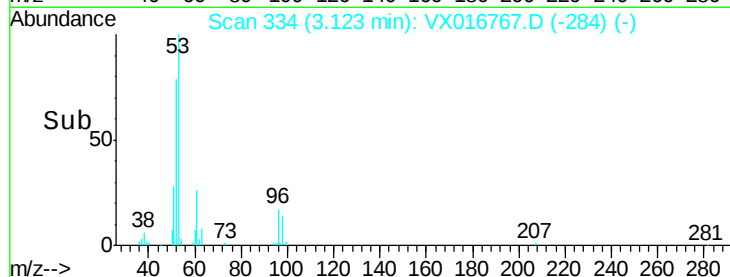
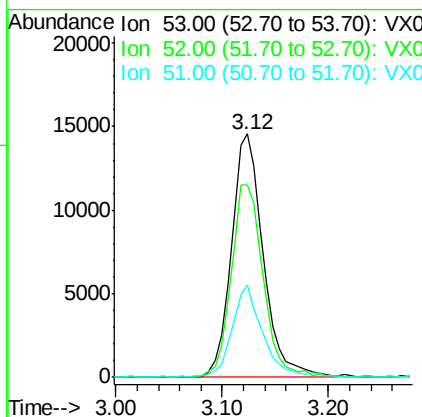
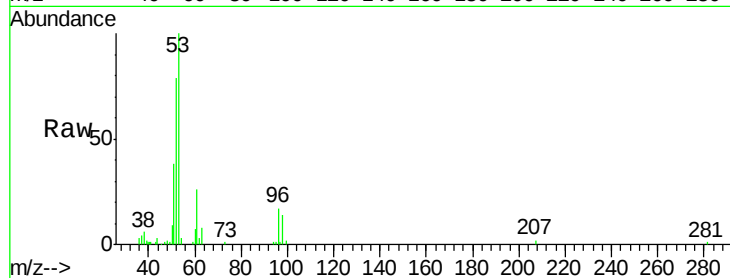
#15
 Acrylonitrile
 Concen: 60.104 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	30533
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.5	98.3
51	36.8	28.6	42.8

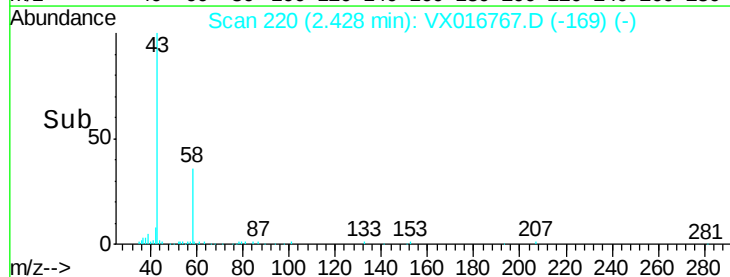
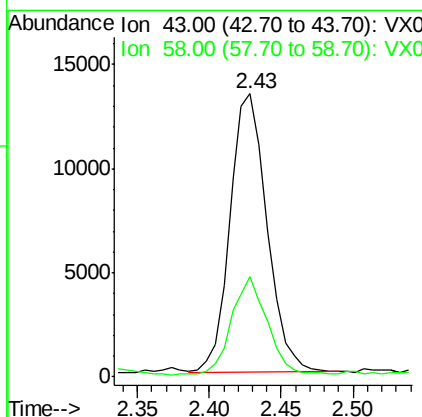
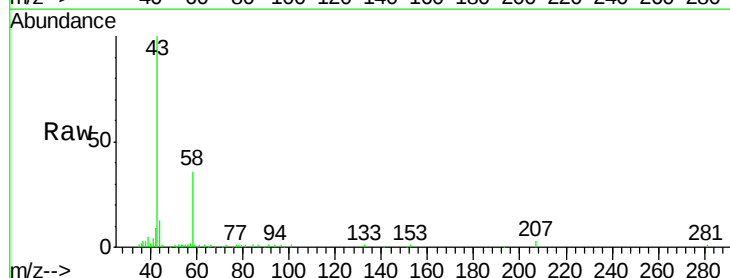
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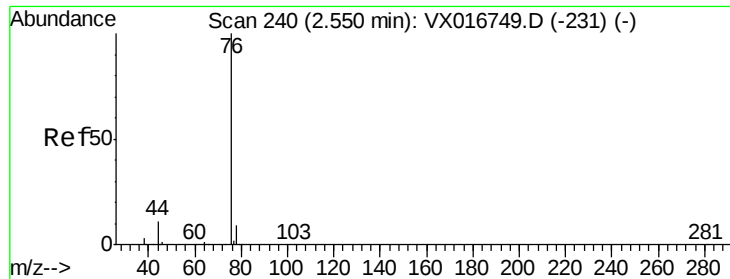
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#16
 Acetone
 Concen: 53.164 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion:	43	Resp:	24032
Ion	Ratio	Lower	Upper
43	100		
58	35.3	26.3	39.5





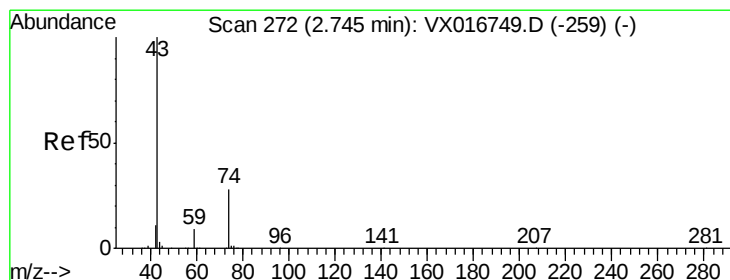
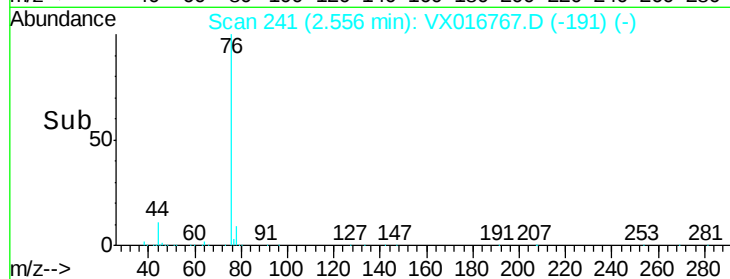
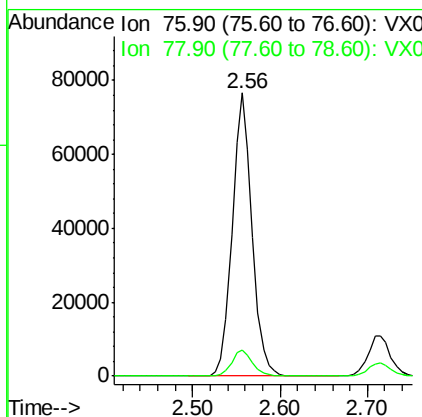
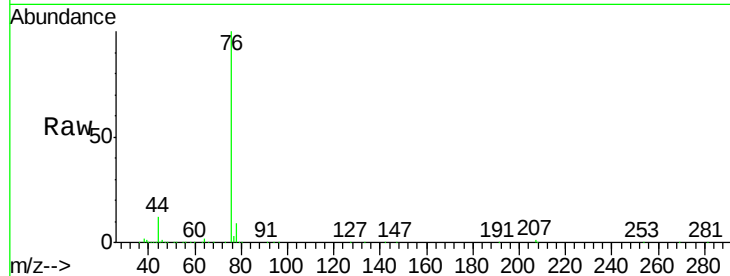
#17
Carbon Disulfide
Concen: 48.523 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

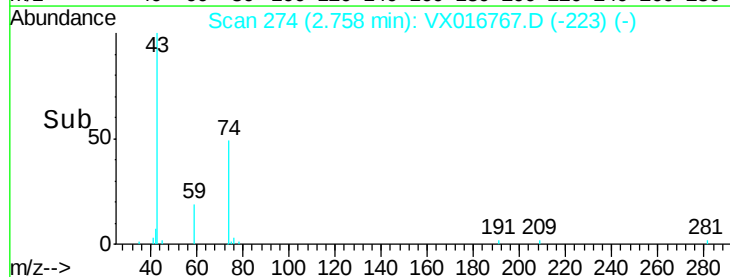
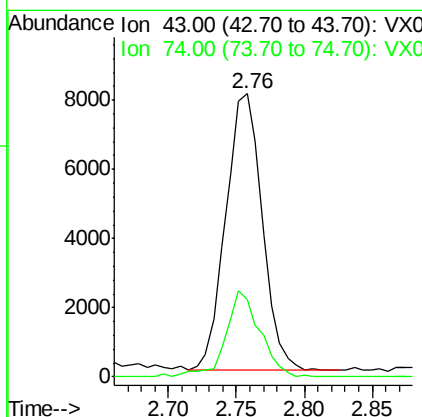
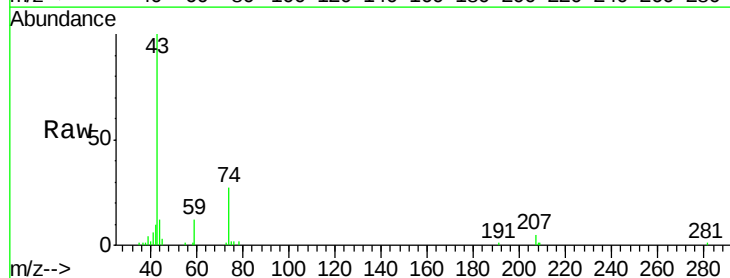
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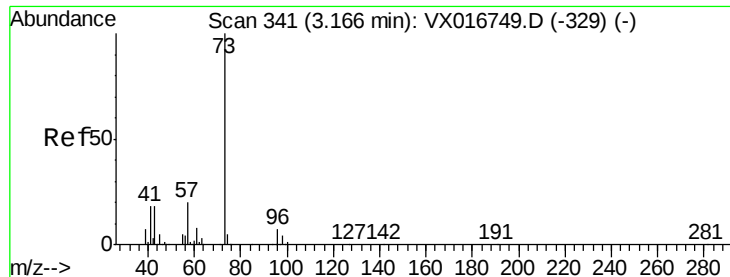
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#18
Methyl Acetate
Concen: 12.435 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.2	22.4	33.6





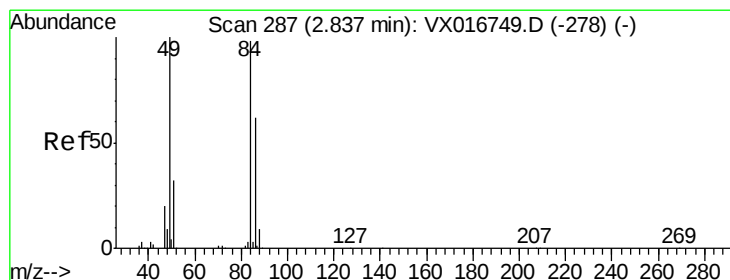
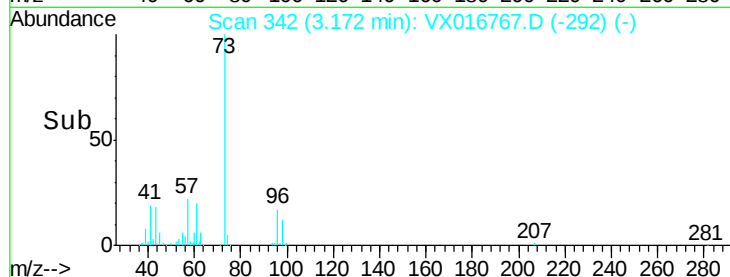
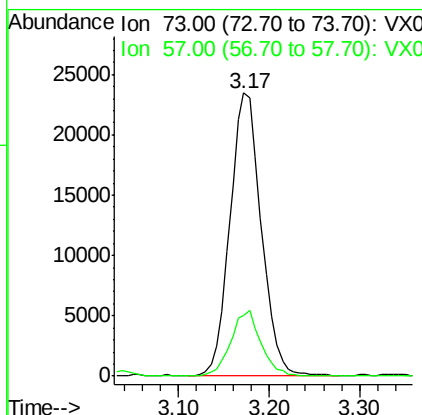
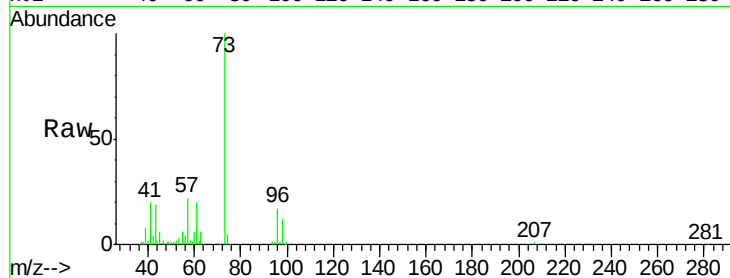
#19
Methvl tert-butvl Ether
Concen: 19.069 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.2	24.4

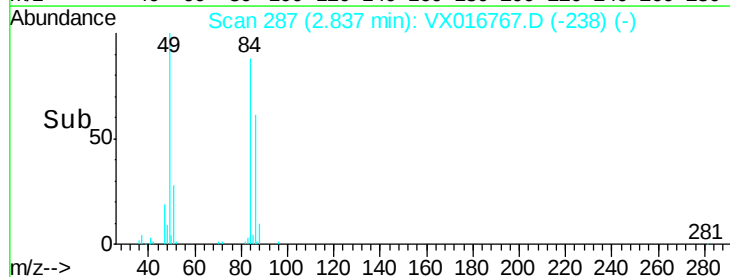
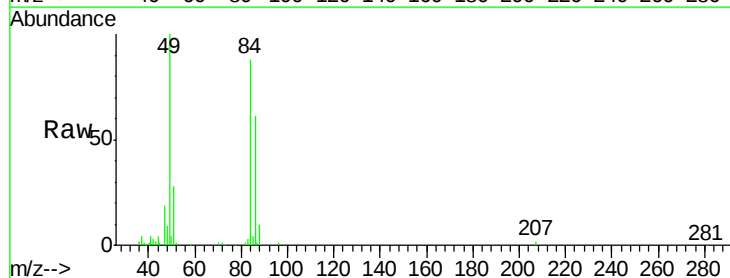
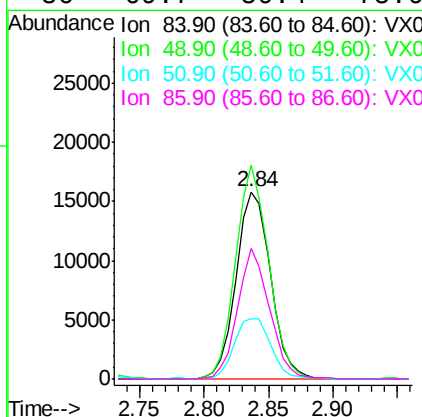
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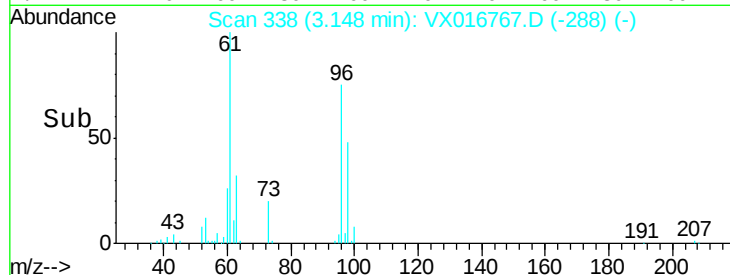
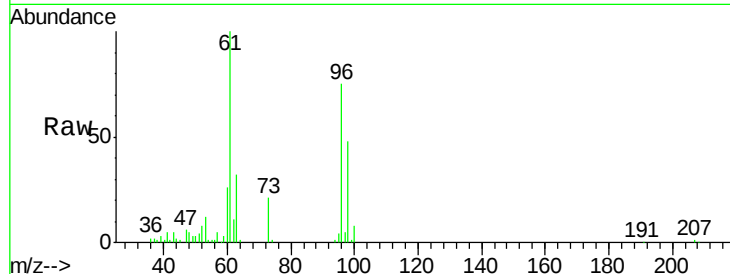
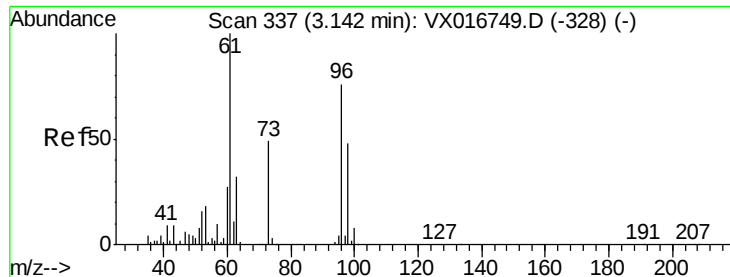
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#20
Methylene Chloride
Concen: 30.240 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.1	81.8	122.8
51	32.4	25.8	38.8
86	69.7	50.4	75.6





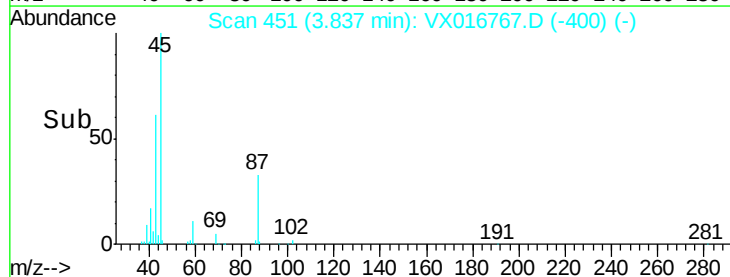
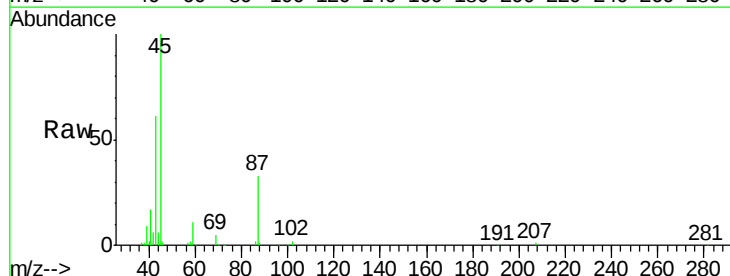
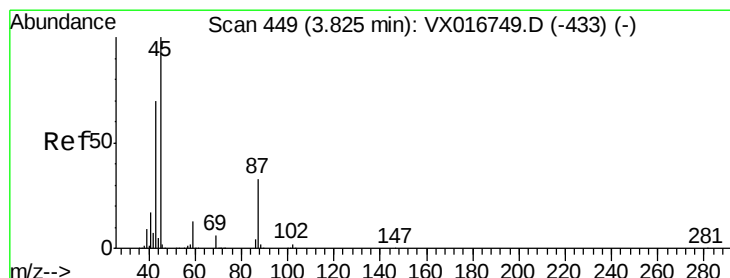
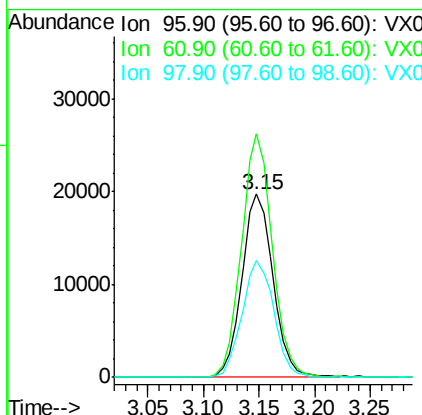
#21
trans-1,2-Dichloroethene
Concen: 41.364 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	105.4	158.2
98	63.5	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

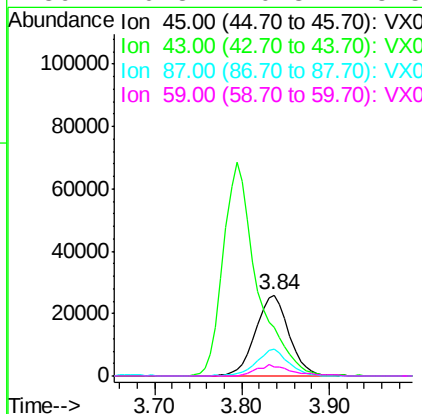
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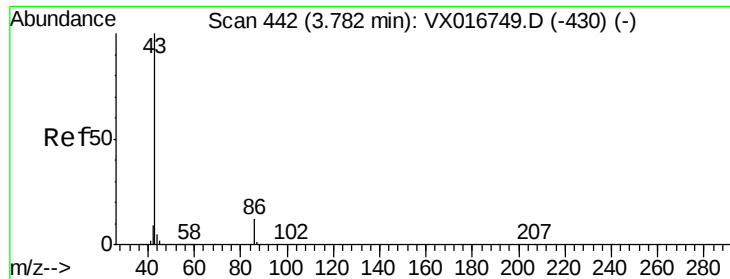
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#22
Diisopropyl ether
Concen: 27.142 ug/l
RT: 3.84 min Scan# 451
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.1	56.2	84.4
87	33.0	26.2	39.4
59	10.8	10.3	15.5





#23

Vinyl Acetate

Concen: 84.363 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 185492

Ion Ratio Lower Upper

43 100

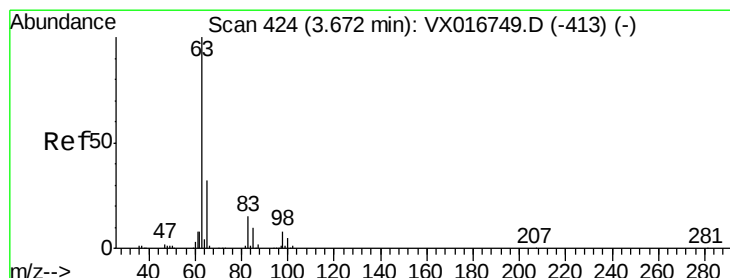
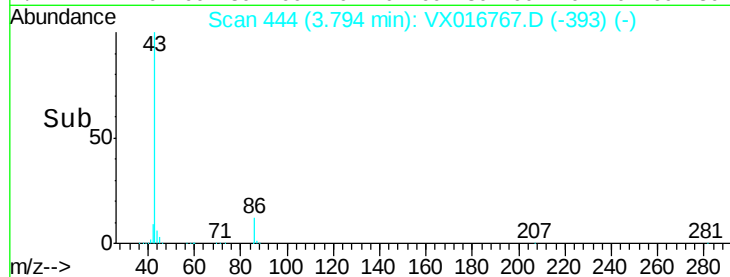
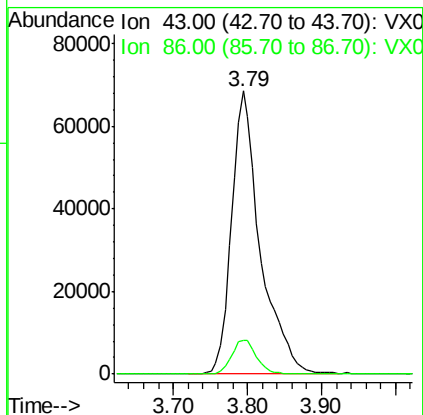
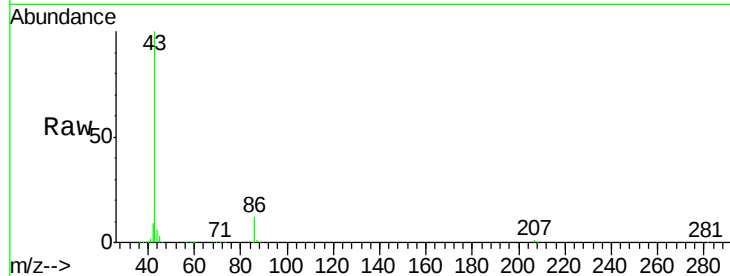
86 11.8 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 37.430 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

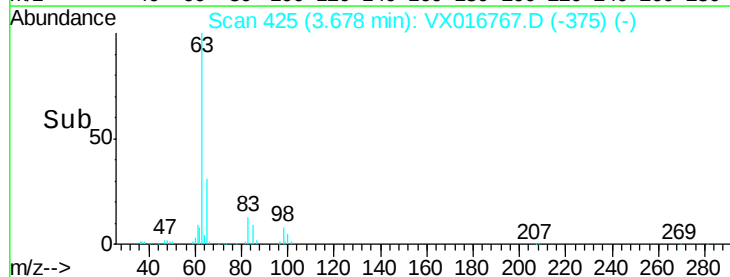
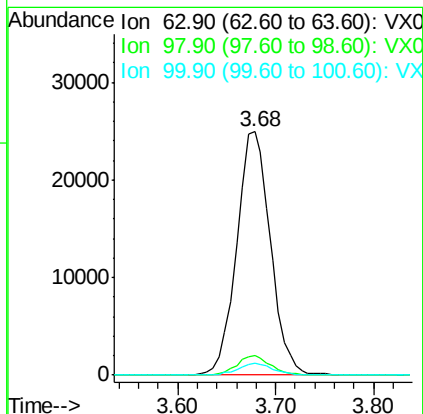
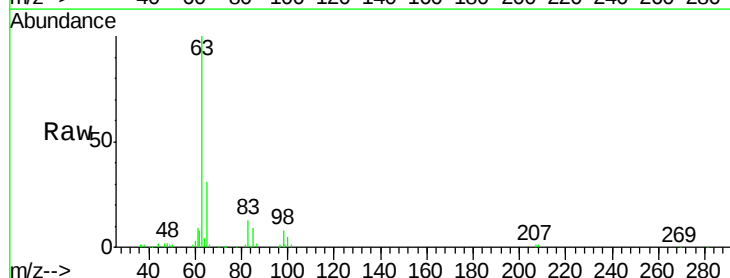
Tgt Ion: 63 Resp: 59553

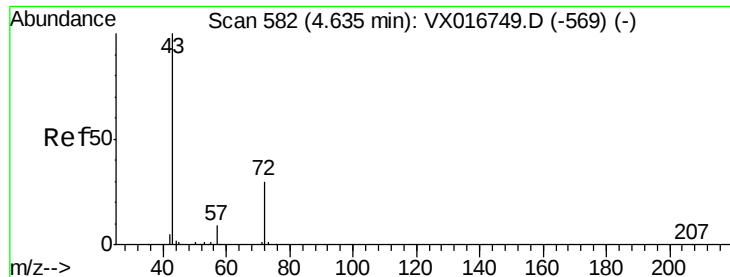
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 48.258 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 32876

Ion Ratio Lower Upper

43 100

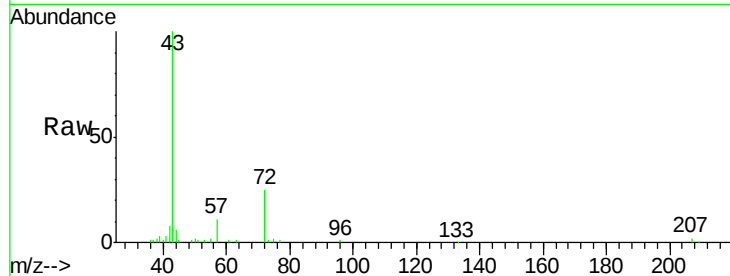
72 25.5 24.2 36.4

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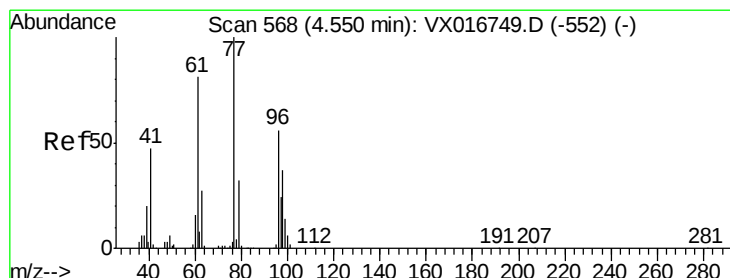
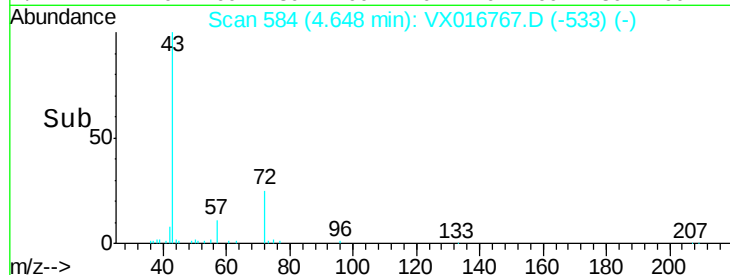
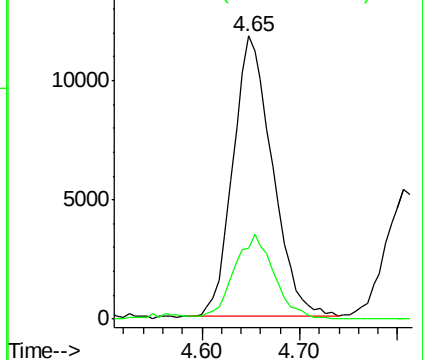
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.938 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX016767.D

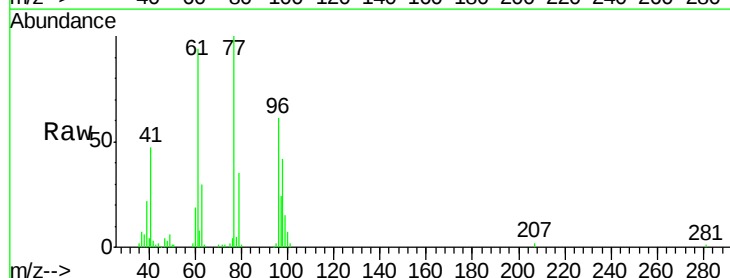
Acq: 15 Jun 2020 20:11

Tgt Ion: 77 Resp: 54419

Ion Ratio Lower Upper

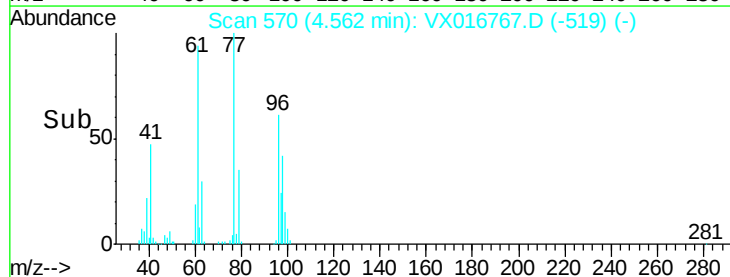
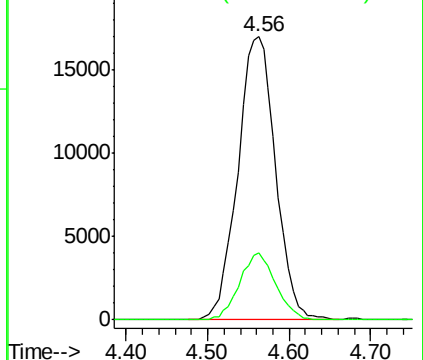
77 100

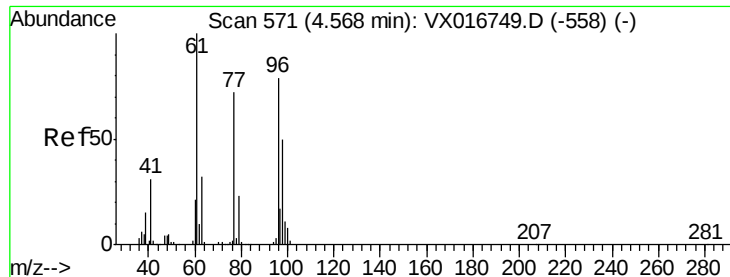
97 22.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

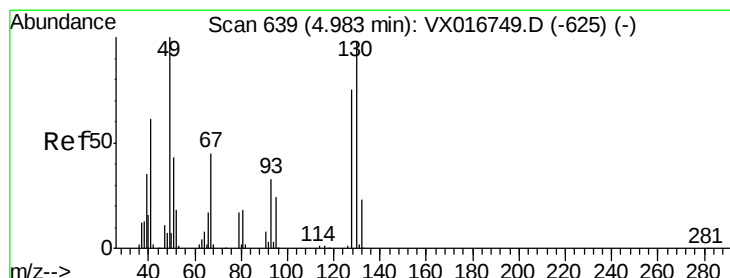
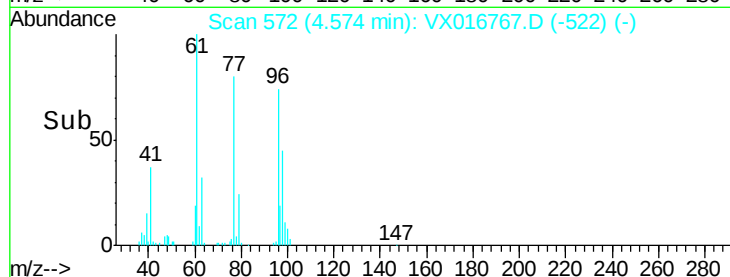
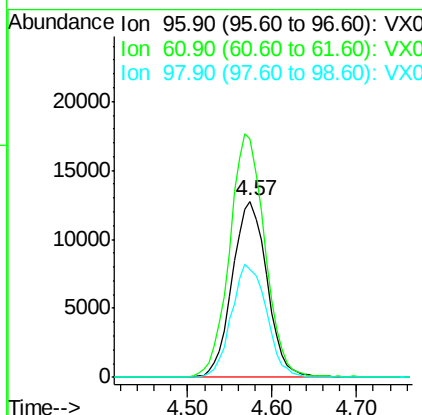
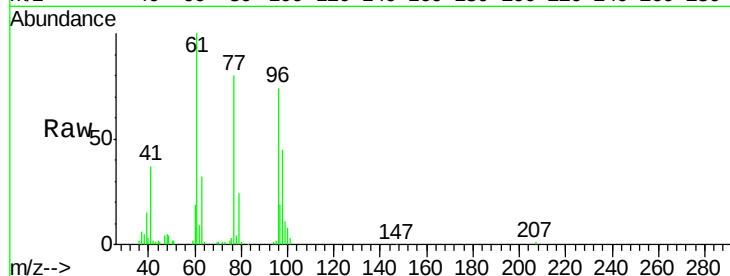
cis-1,2-Dichloroethene
Concen: 33.610 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	276.2
98	64.5	0.0	130.0

Manual Integrations
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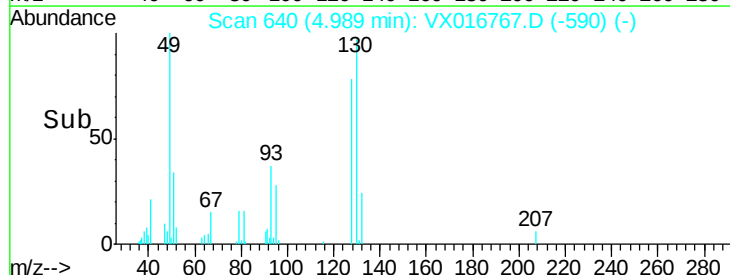
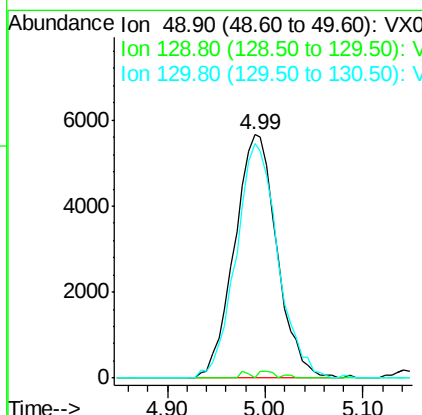
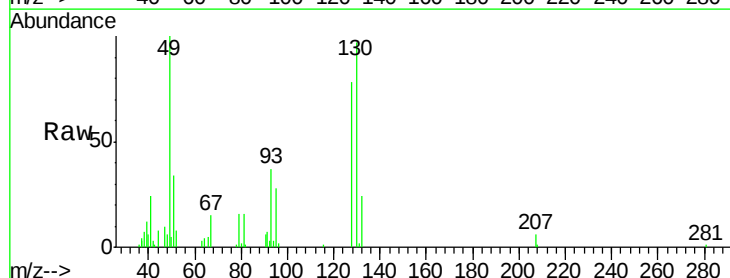
MMDadoda
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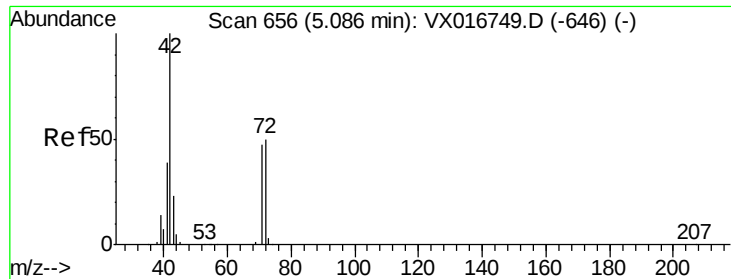


#28

Bromochloromethane
Concen: 25.104 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.8
130	94.9	76.0	114.0





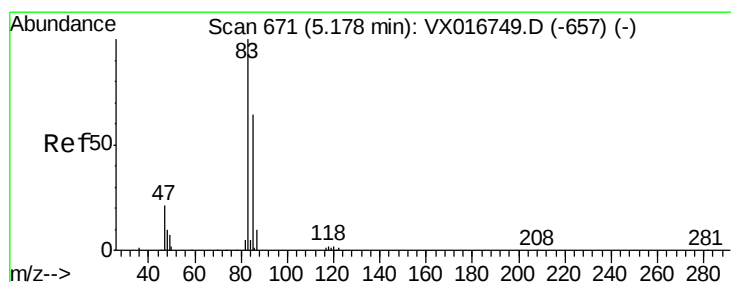
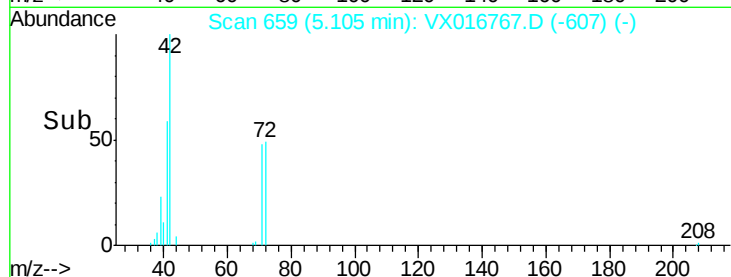
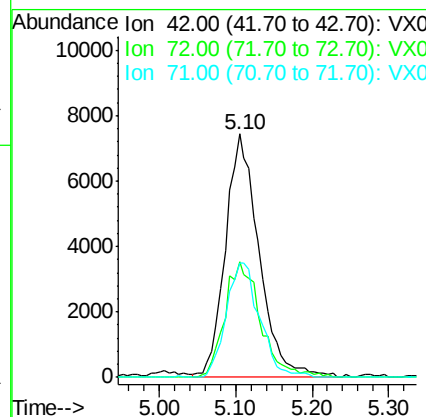
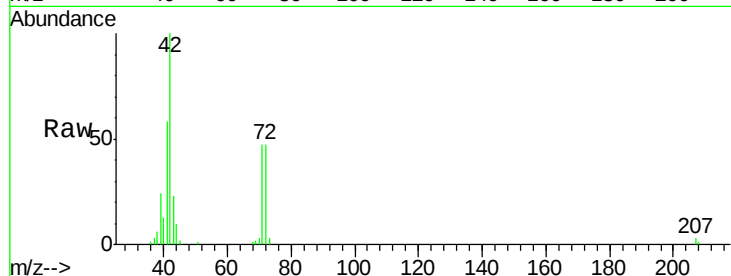
#29
Tetrahydrofuran
Concen: 51.426 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	41.0	61.6
71	46.8	38.2	57.4

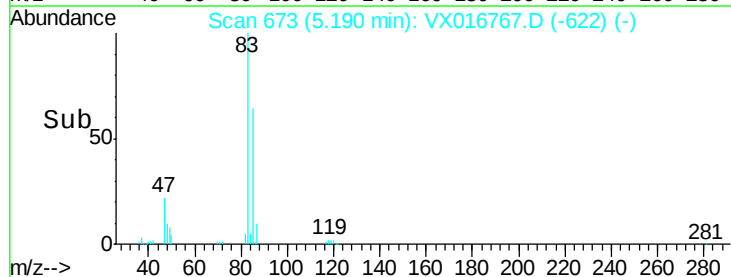
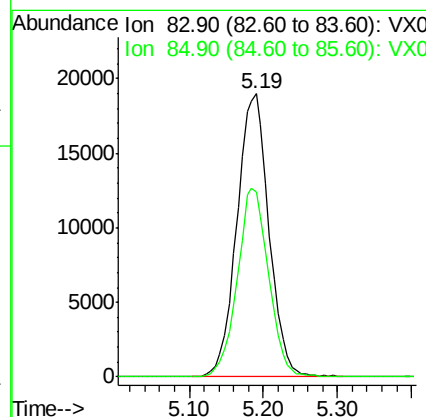
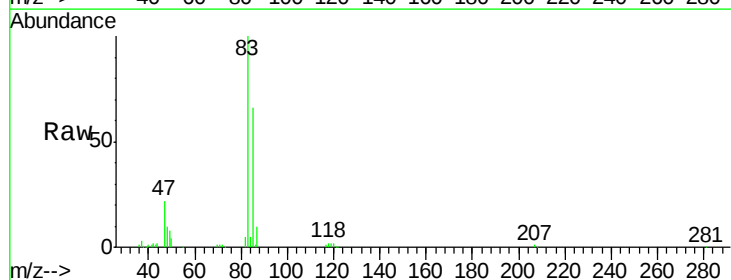
Manual Integrations
APPROVED

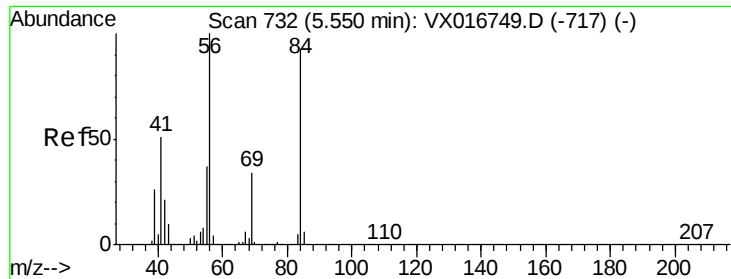
MMDadoda
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#30
Chloroform
Concen: 33.980 ug/l
RT: 5.19 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.8	76.2





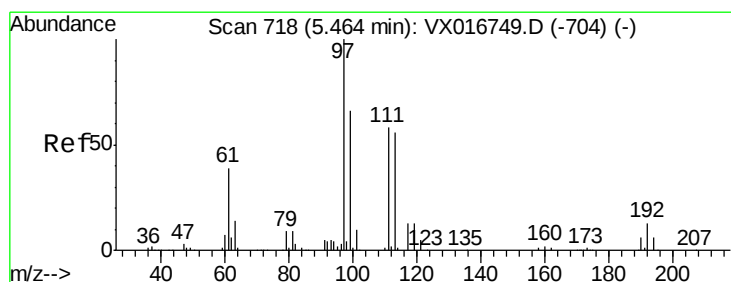
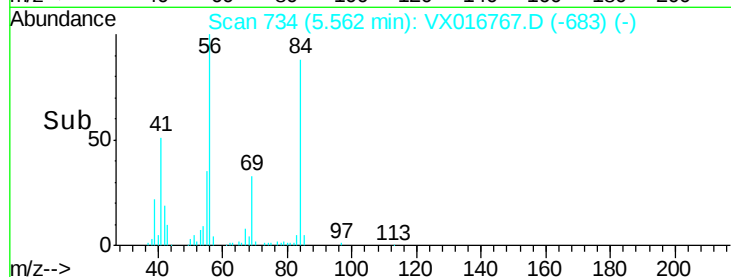
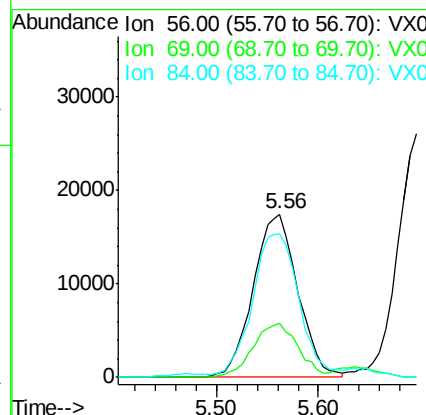
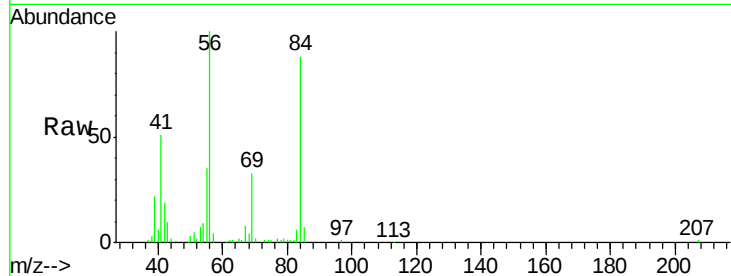
#31
Cyclohexane
Concen: 41.515 ug/l
RT: 5.56 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	27.1	40.7
84	86.4	74.0	111.0

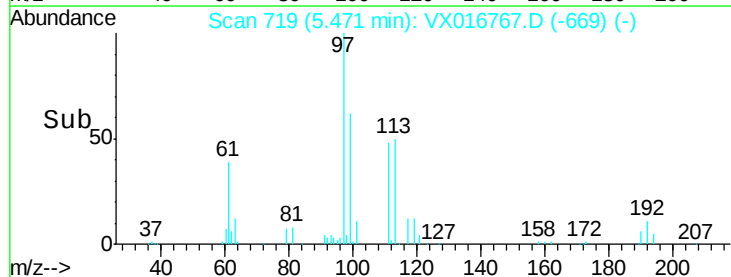
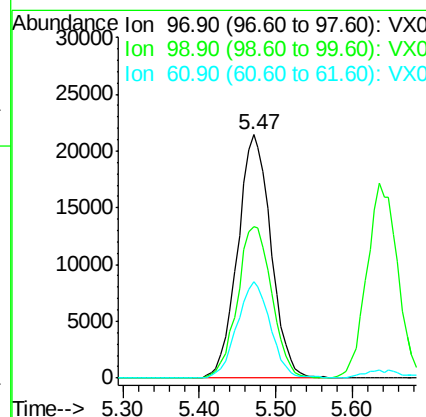
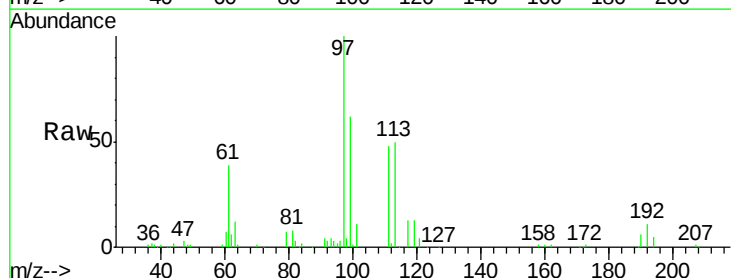
Manual Integrations
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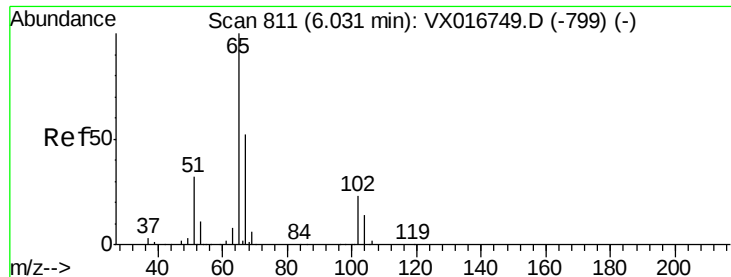
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6/16/2020 3:23:23 PM



#32
1,1,1-Trichloroethane
Concen: 42.407 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	39.3	31.3	46.9





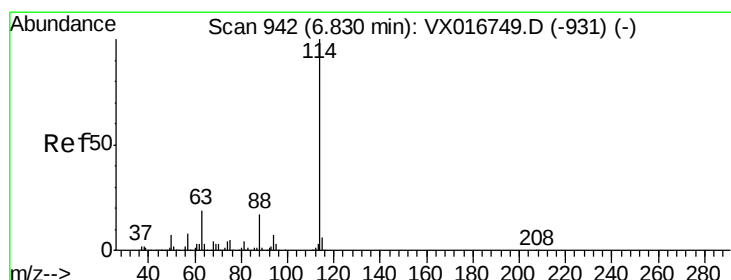
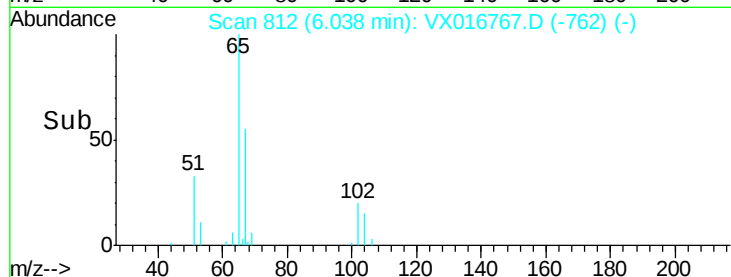
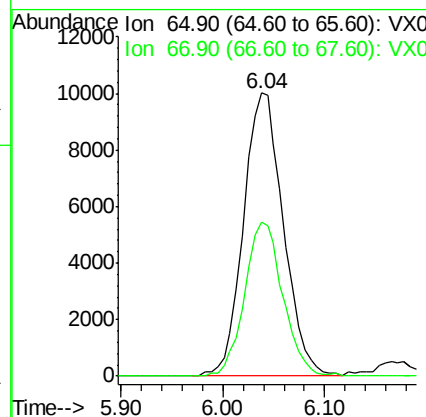
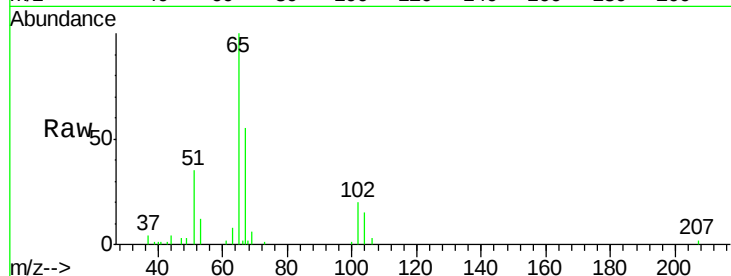
#33
 1,2-Dichloroethane-d4
 Concen: 27.252 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

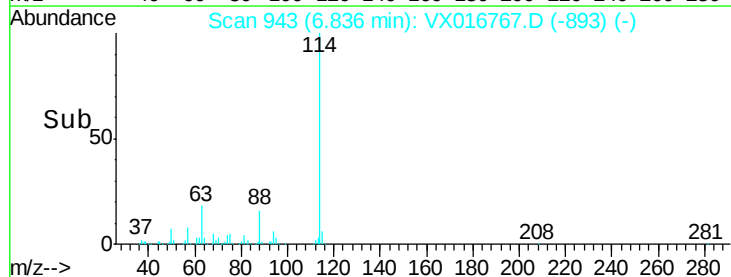
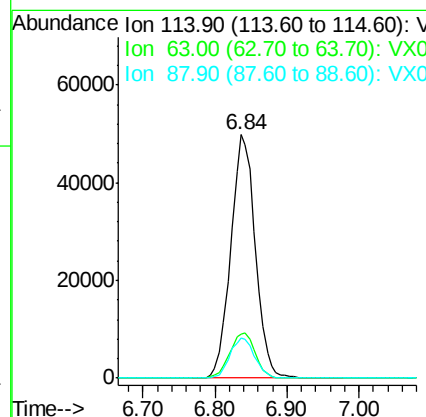
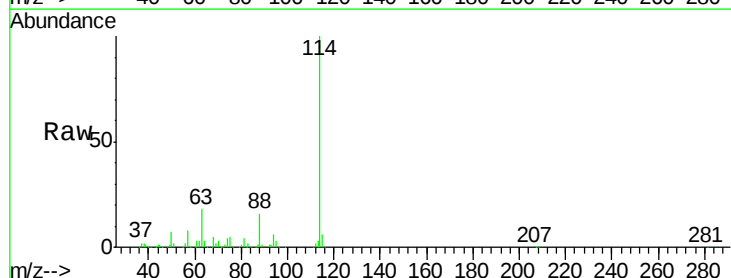
Manual Integrations
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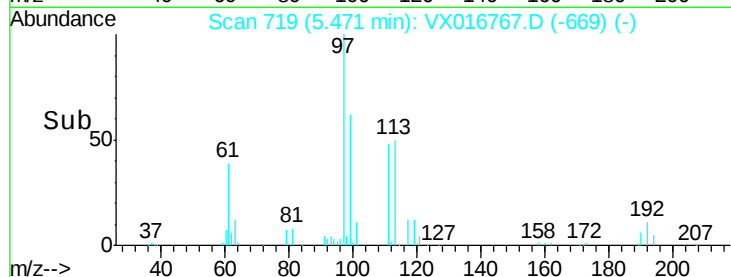
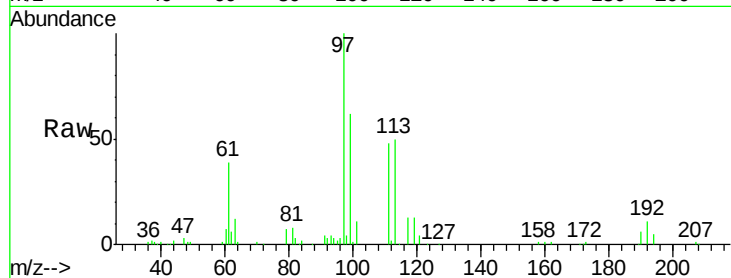
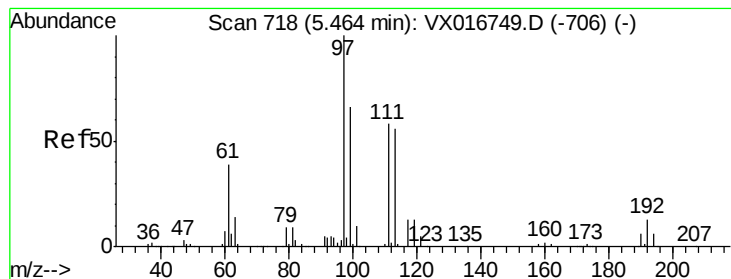
MMDadoda
 6/16/2020 3:23:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.8
88	16.4	0.0	33.4





#35

Dibromofluoromethane

Concen: 41.955 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016767.D

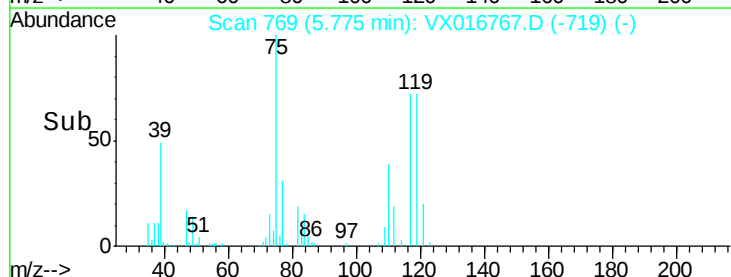
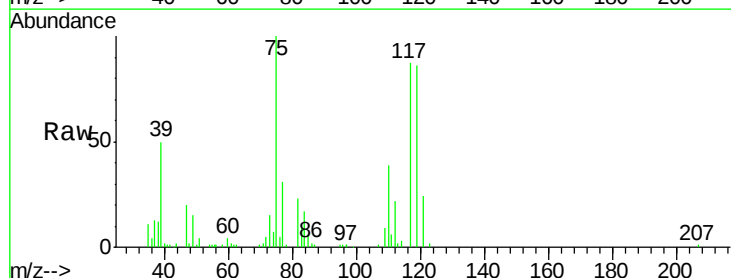
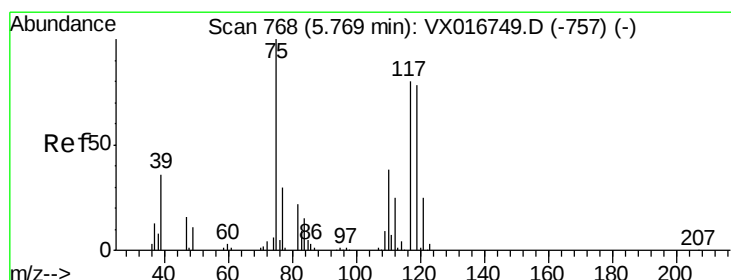
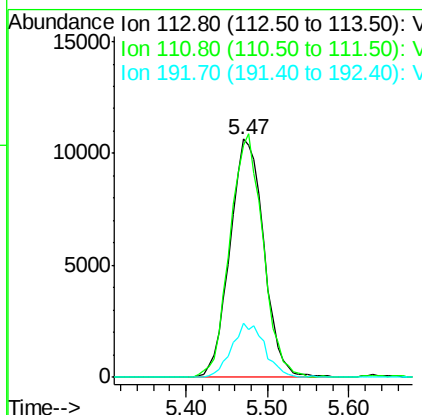
Acq: 15 Jun 2020 20:11

Tot Ion:	113	Resp:	30579
Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.8	122.6
192	22.0	18.2	27.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.164 ug/l

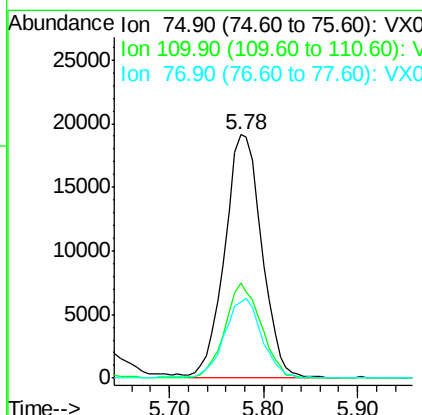
RT: 5.78 min Scan# 769

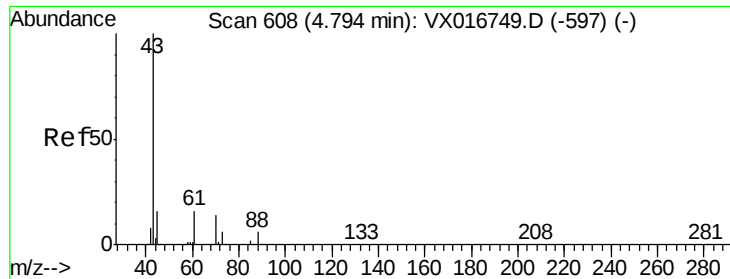
Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Tgt Ion:	75	Resp:	52369
Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.4	55.2
77	32.6	24.7	37.1





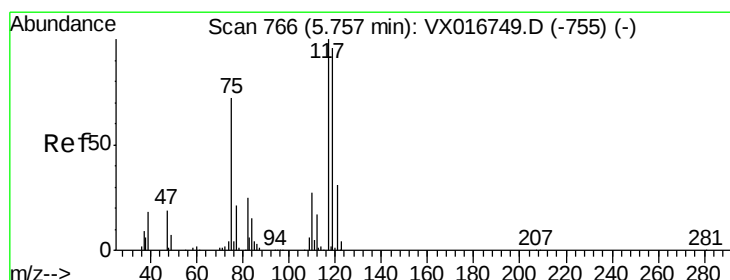
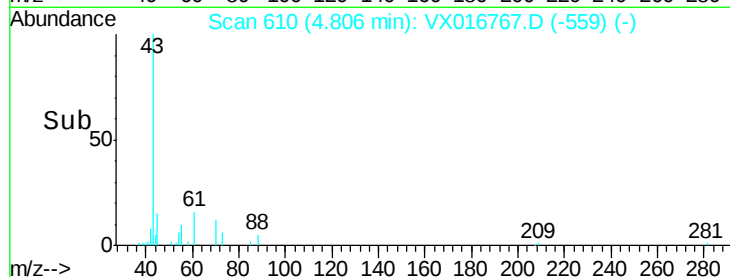
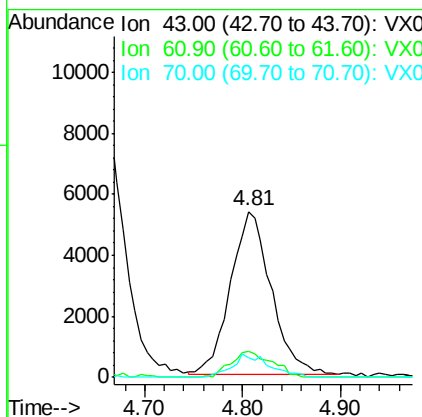
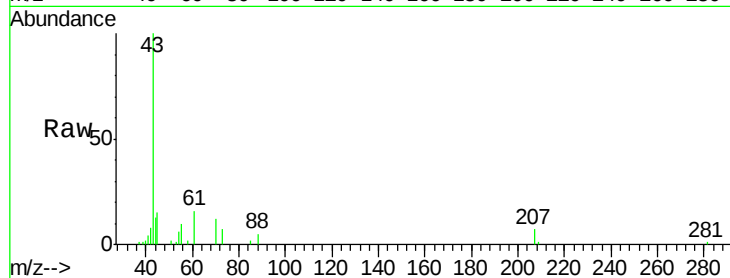
#37
Ethyl Acetate
Concen: 13.580 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.4	18.6
70	12.9	10.8	16.2

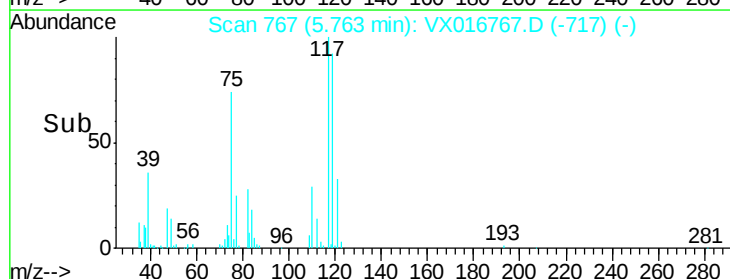
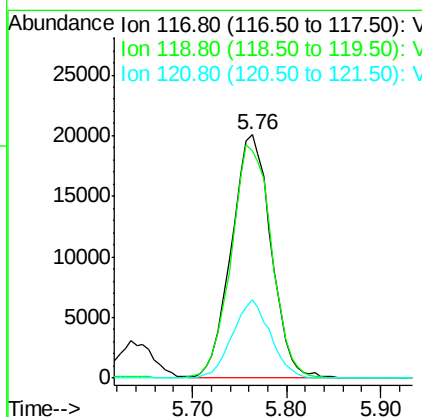
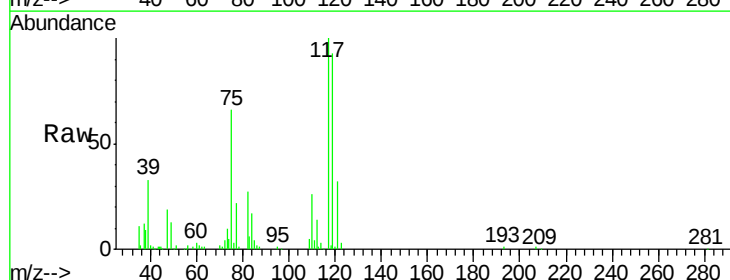
Manual Integrations
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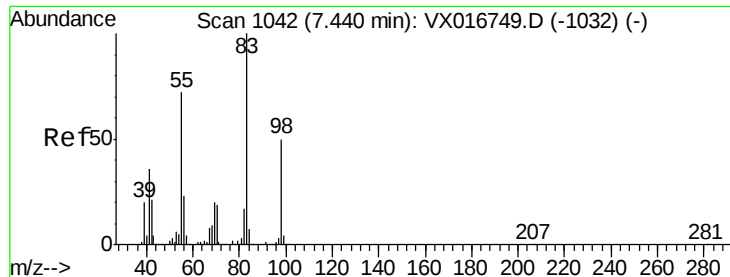
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#38
Carbon Tetrachloride
Concen: 49.846 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.7	115.1
121	32.1	24.7	37.1





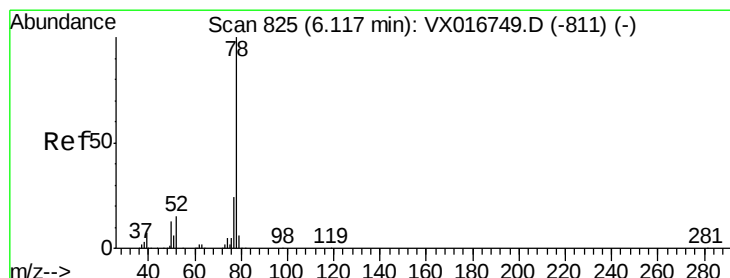
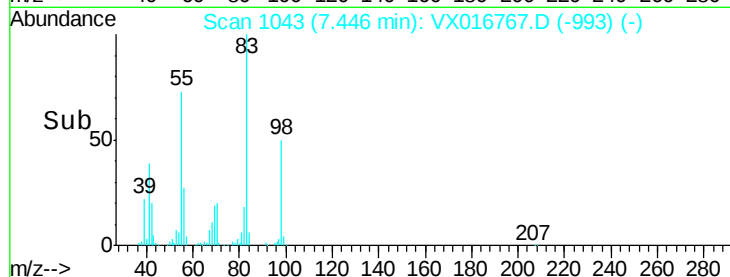
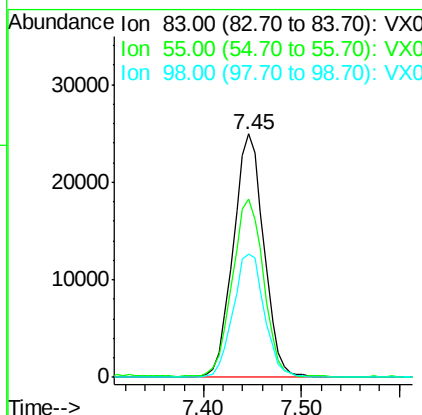
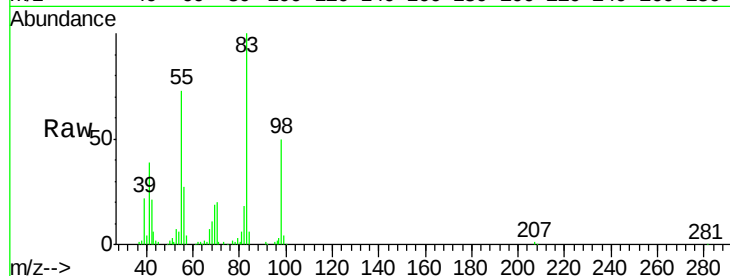
#39
Methylvlcyclohexane
Concen: 44.733 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	54029
Ion Ratio	Lower	Upper	
83	100		
55	72.9	57.3	85.9
98	50.4	40.3	60.5

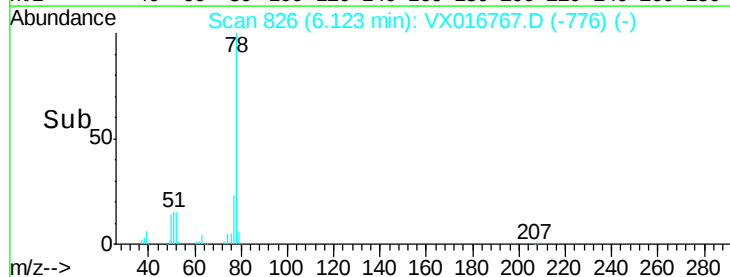
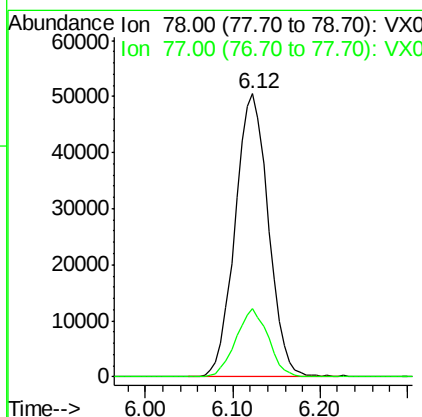
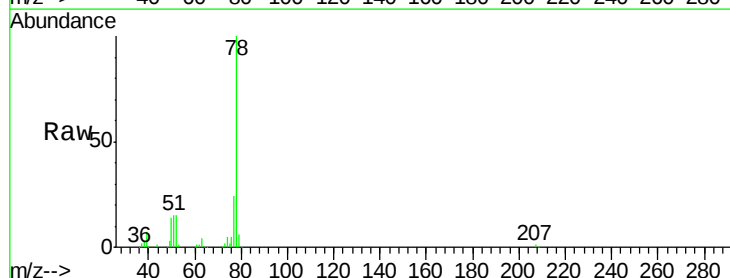
Manual Integrations
APPROVED

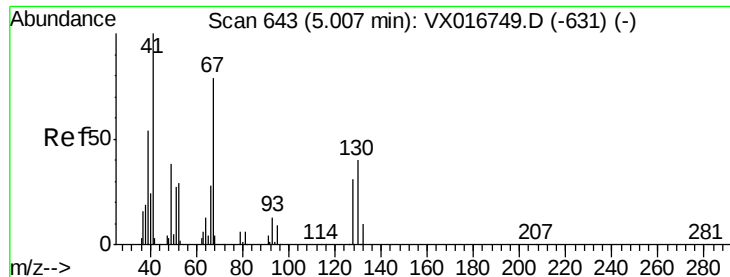
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#40
Benzene
Concen: 42.064 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	78	Resp	133701
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.4





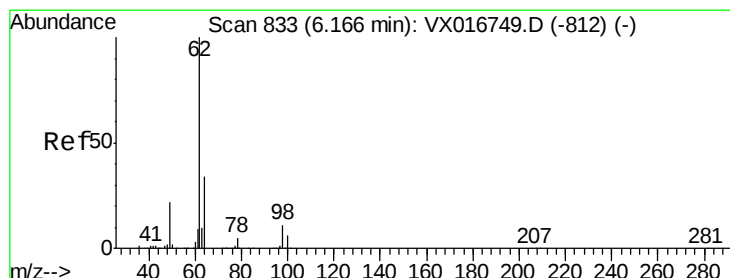
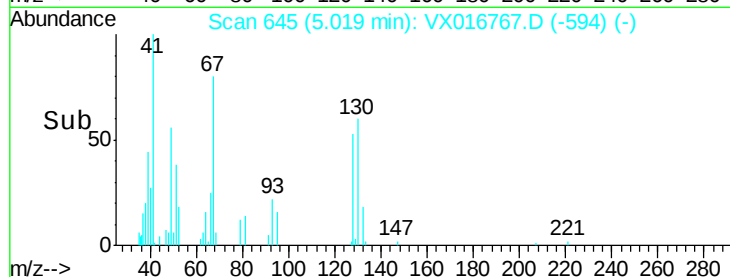
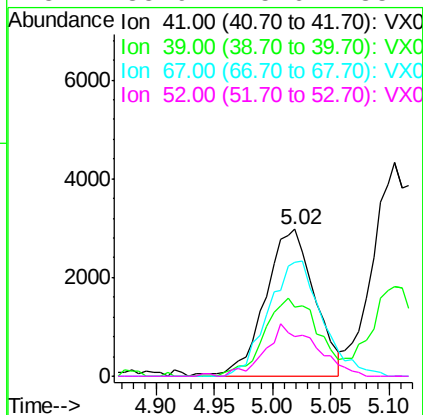
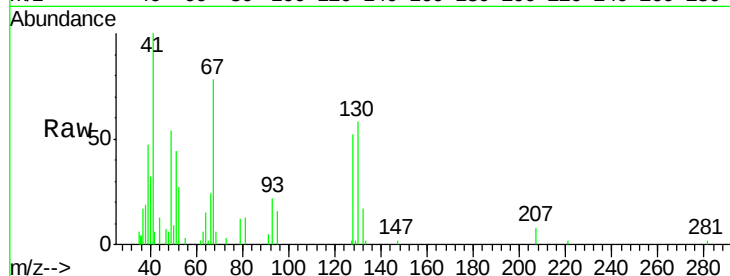
#41
Methacrylonitrile
Concen: 14.398 ug/l
RT: 5.02 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	8777
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.7	65.5
67	85.2	64.6	96.8
52	35.9	25.6	38.4

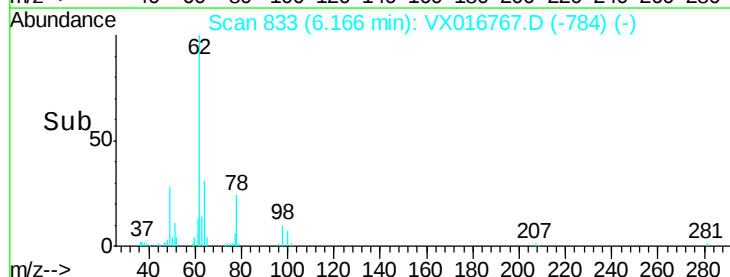
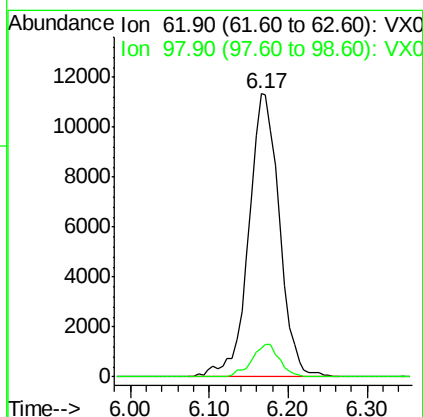
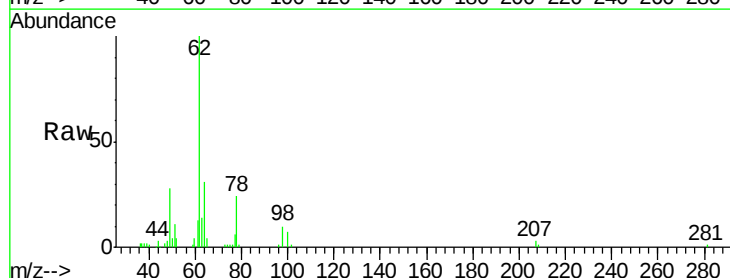
Manual Integrations
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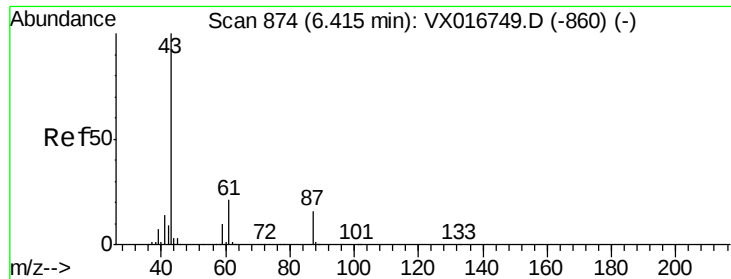
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#42
1,2-Dichloroethane
Concen: 26.440 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion:	62	Resp:	30673
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

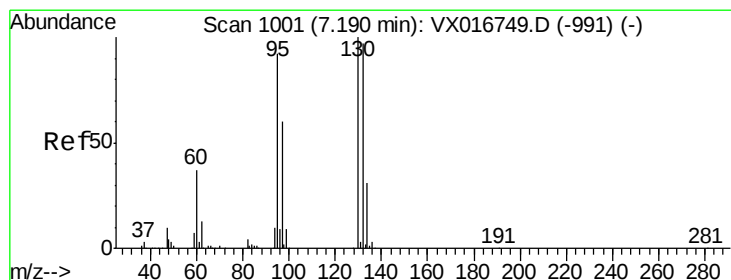
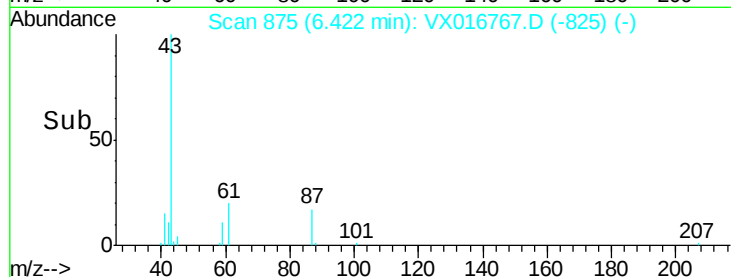
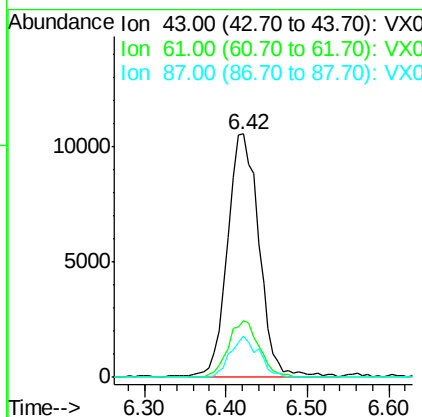
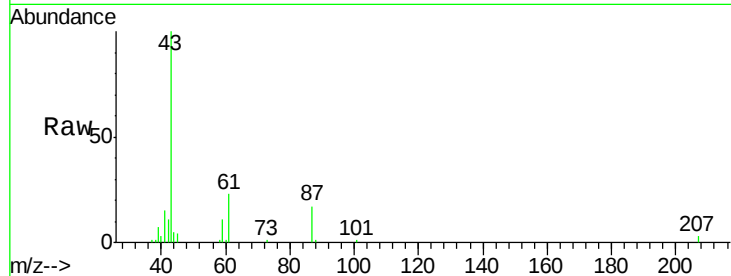
Isopropyl Acetate
 Concen: 15.724 ug/l
 RT: 6.42 min Scan# 875
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.7	26.5
87	14.9	12.5	18.7

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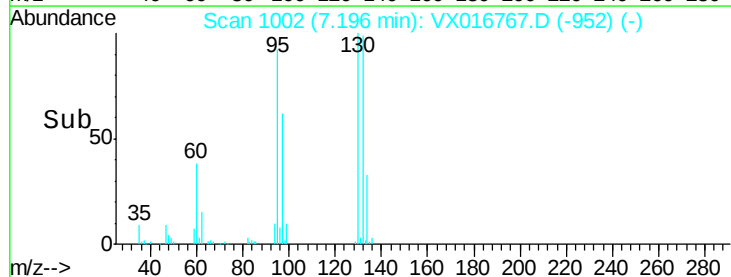
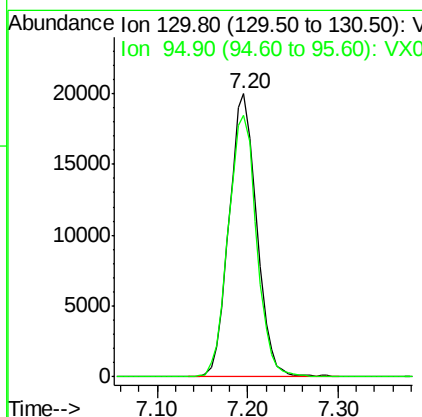
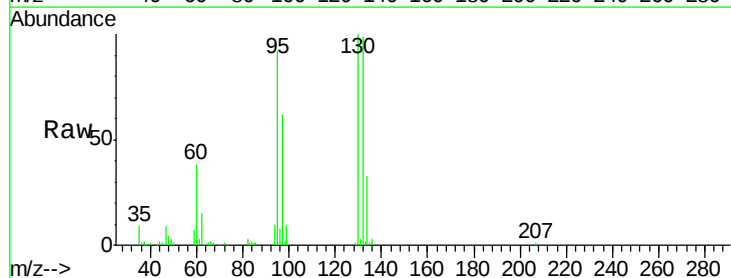
MMDadoda
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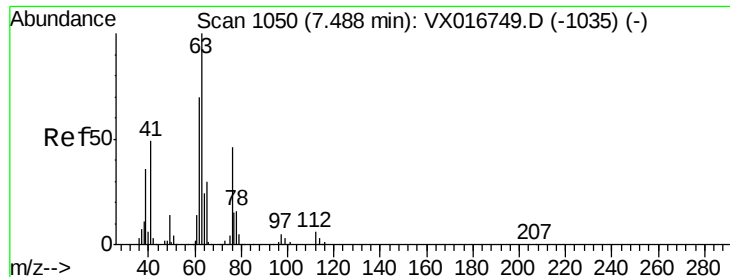


#44

Trichloroethene
 Concen: 42.990 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	183.6





#45

1,2-Dichloropropane

Concen: 35.059 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 27317

Ion Ratio Lower Upper

63 100

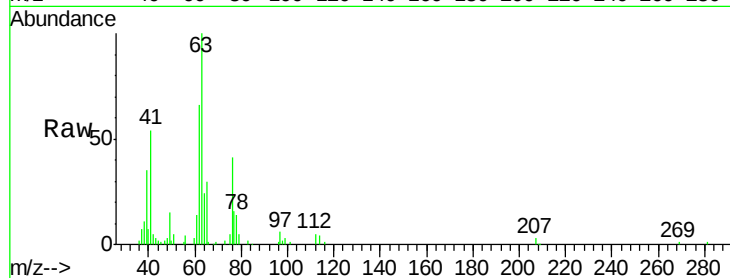
65 29.9 24.2 36.2

Manual Integrations

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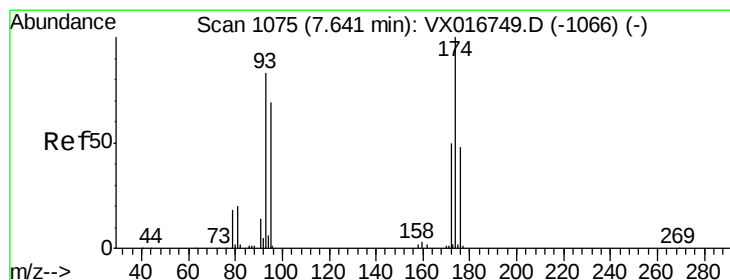
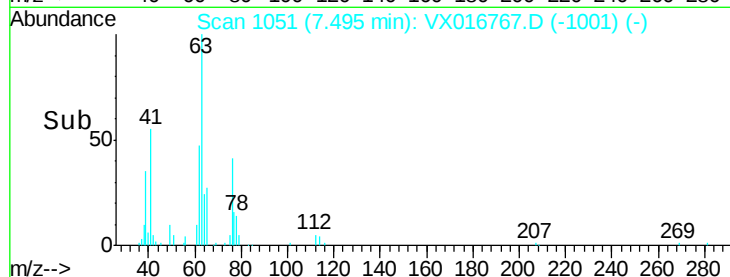
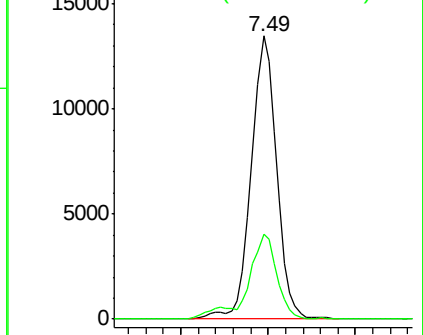
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 23.712 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

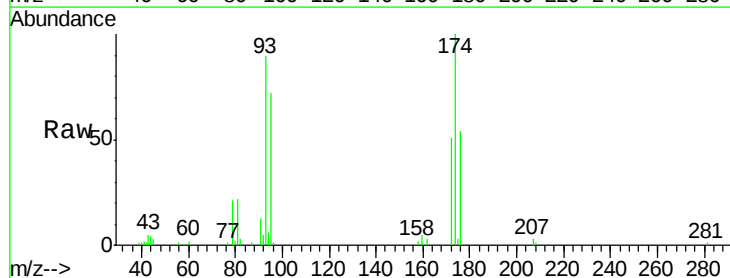
Tgt Ion: 93 Resp: 13466

Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

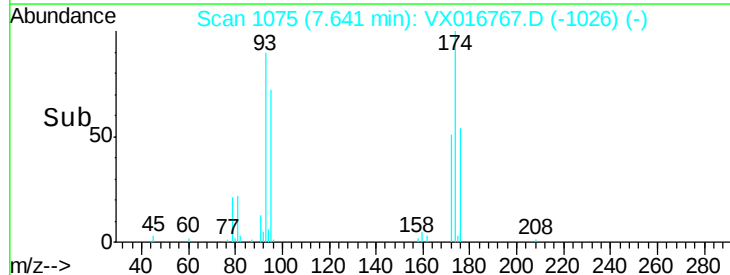
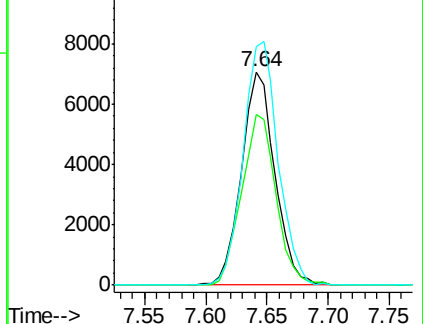
174 119.1 93.8 140.8

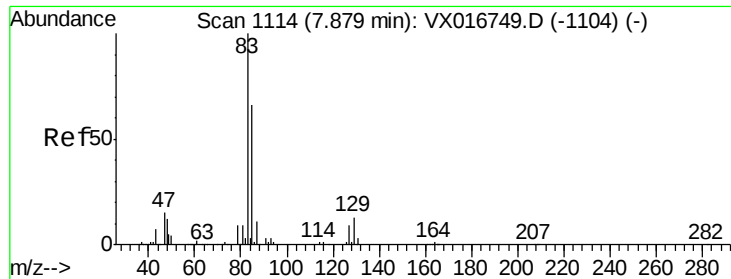


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 31.504 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

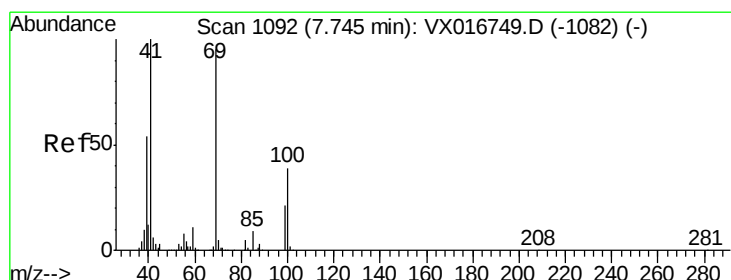
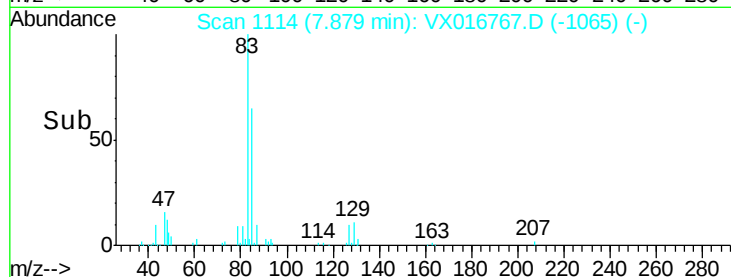
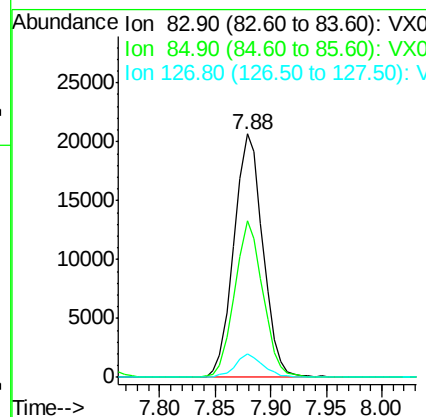
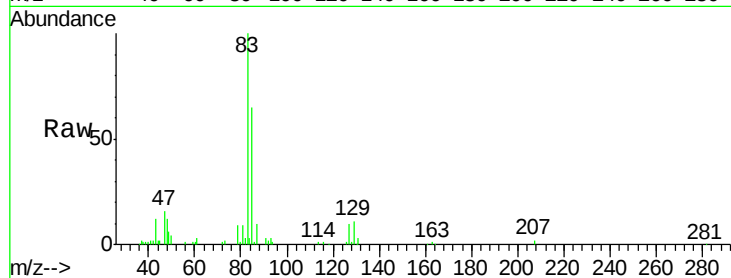
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	37299
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7
127	9.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.648 ug/l

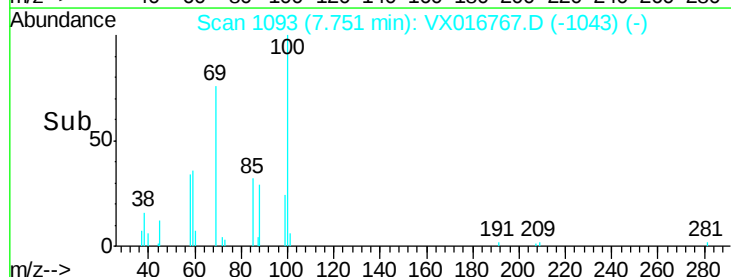
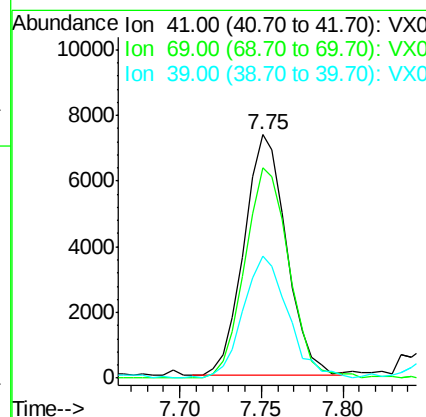
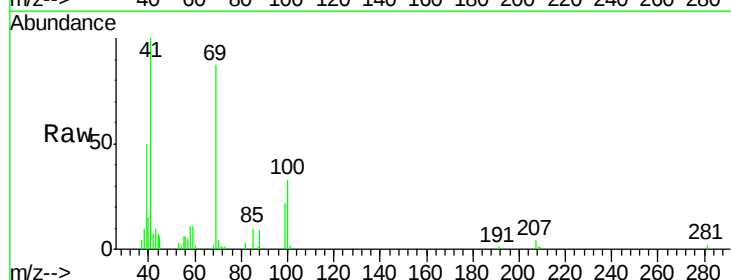
RT: 7.75 min Scan# 1093

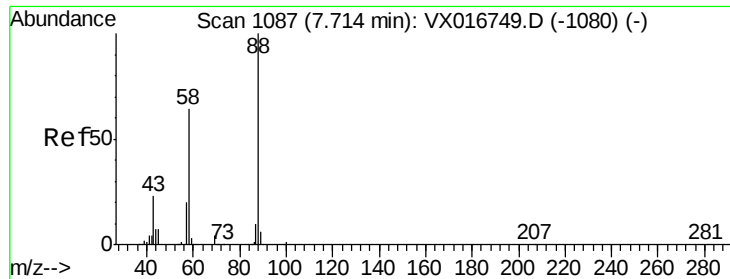
Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Tgt Ion:	41	Resp:	13289
Ion	Ratio	Lower	Upper
41	100		
69	90.9	75.0	112.6
39	53.5	44.3	66.5





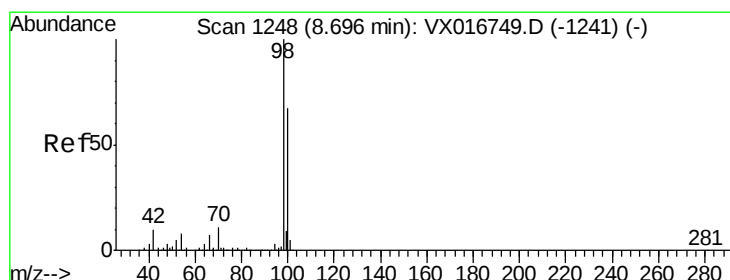
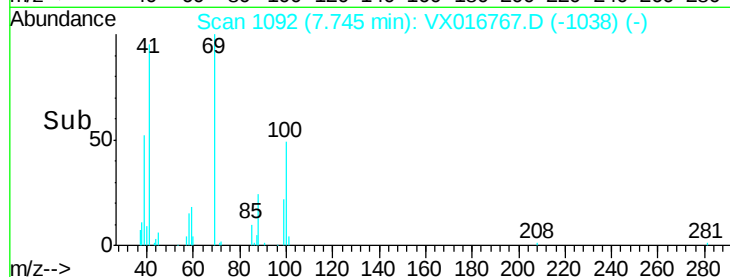
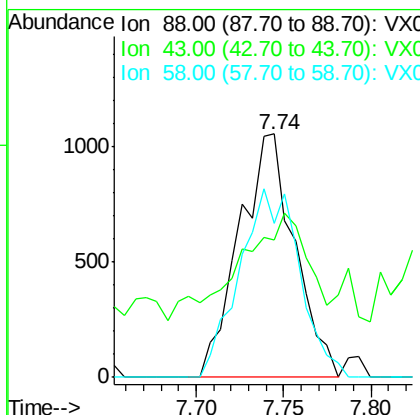
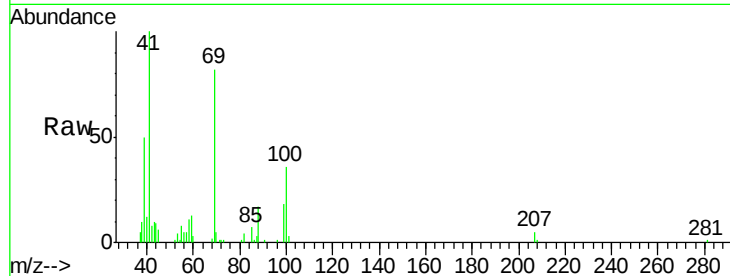
#49
1,4-Dioxane
Concen: 110.818 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	53.9	22.9	34.3#
58	83.5	53.7	80.5#

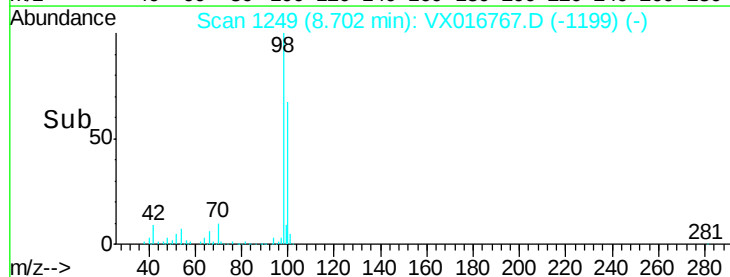
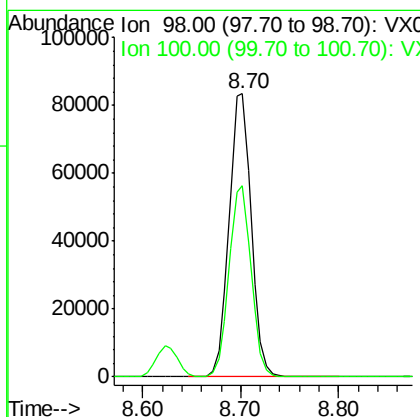
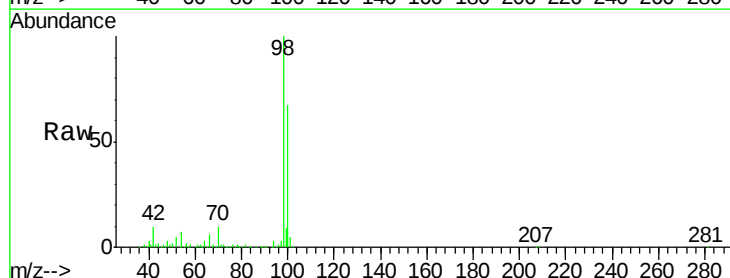
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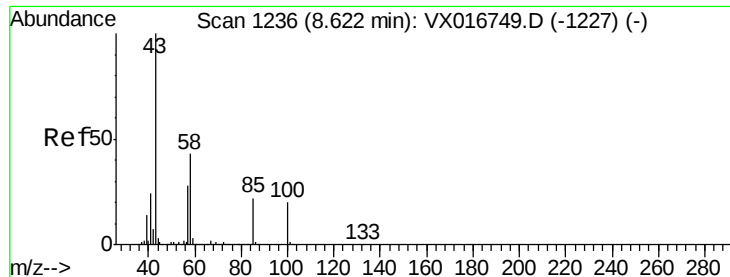
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#50
Toluene-d8
Concen: 48.868 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 67.121 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 74110

Ion Ratio Lower Upper

43 100

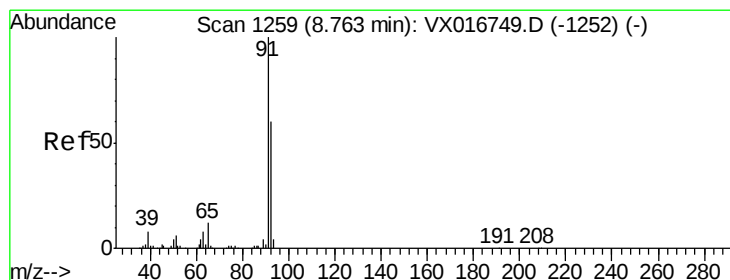
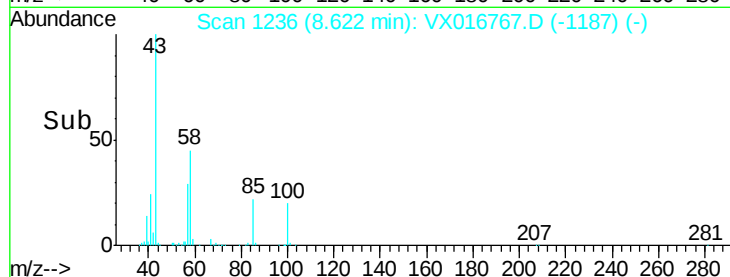
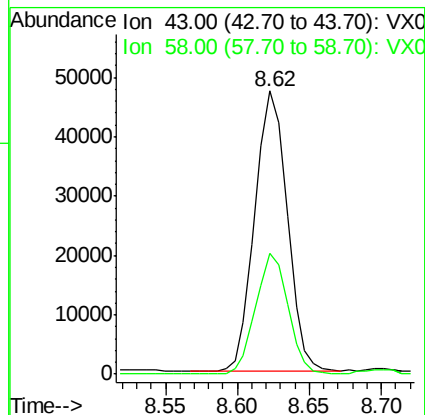
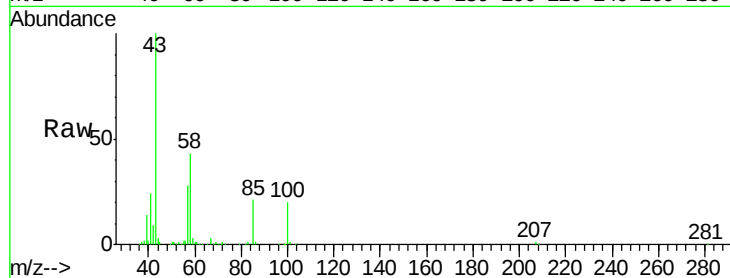
58 42.7 34.6 52.0

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#52

Toluene

Concen: 40.854 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016767.D

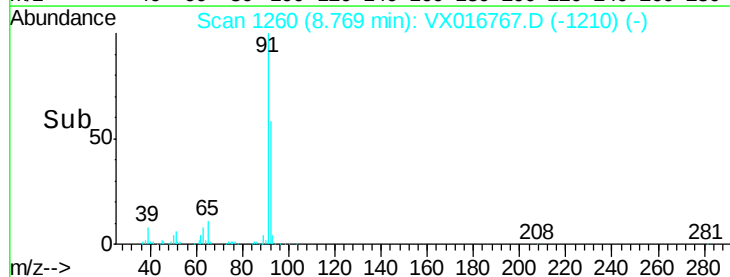
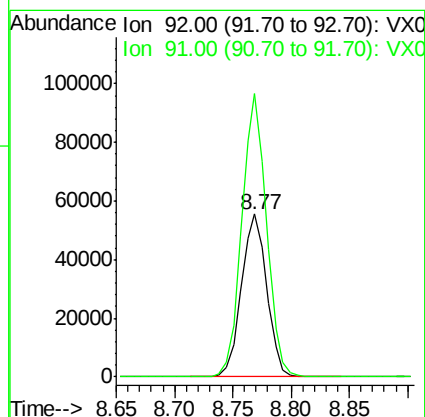
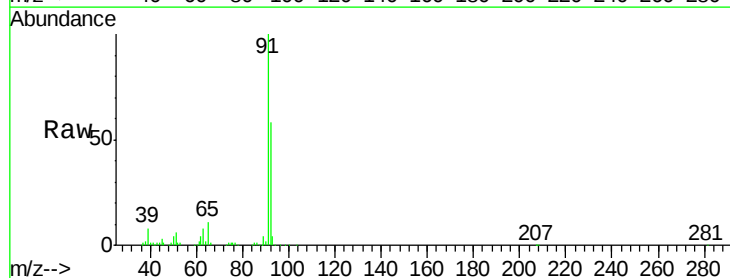
Acq: 15 Jun 2020 20:11

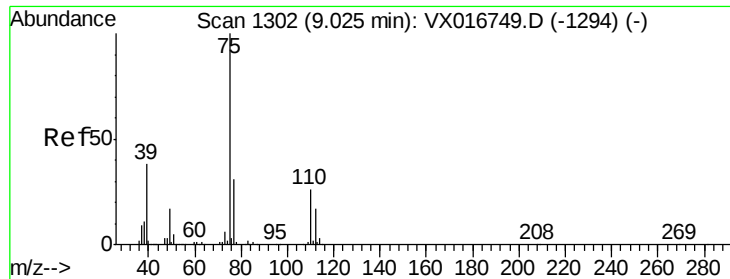
Tgt Ion: 92 Resp: 84348

Ion Ratio Lower Upper

92 100

91 169.2 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 23.277 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 31126

Ion Ratio Lower Upper

75 100

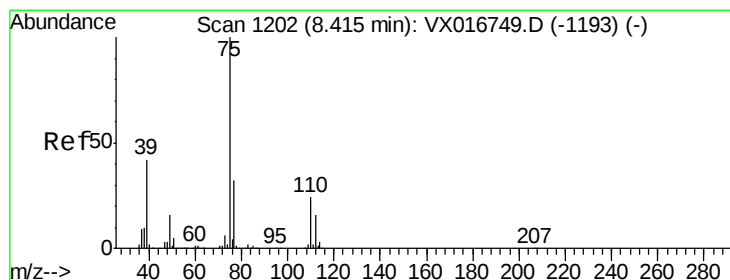
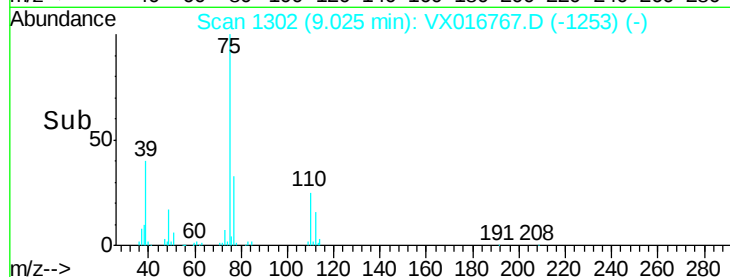
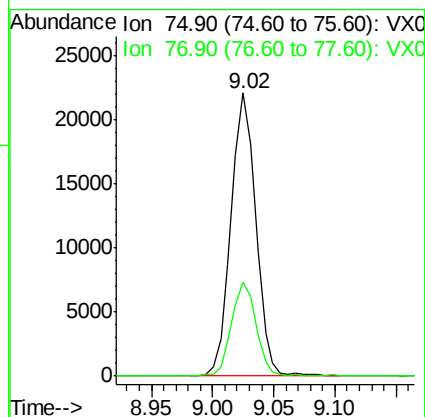
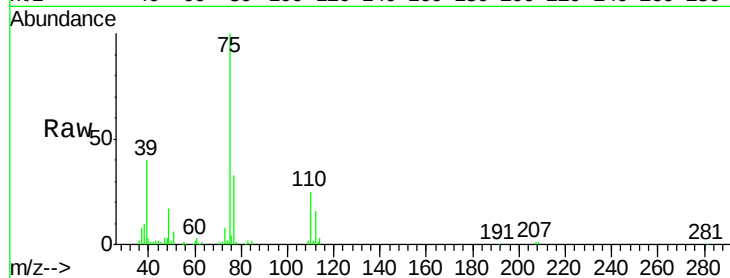
77 33.3 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 28.338 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

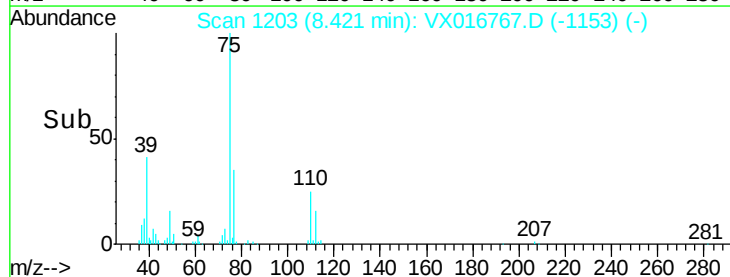
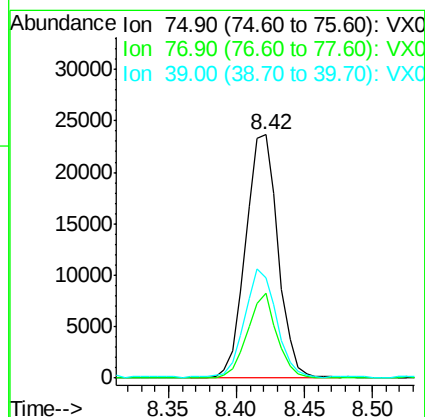
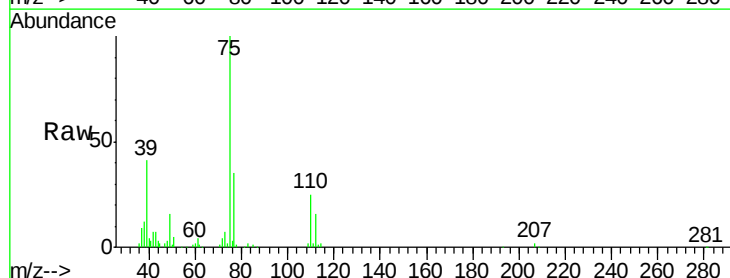
Tgt Ion: 75 Resp: 39528

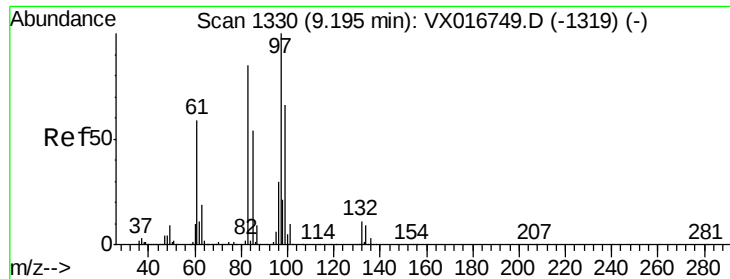
Ion Ratio Lower Upper

75 100

77 34.6 25.3 37.9

39 40.8 33.7 50.5





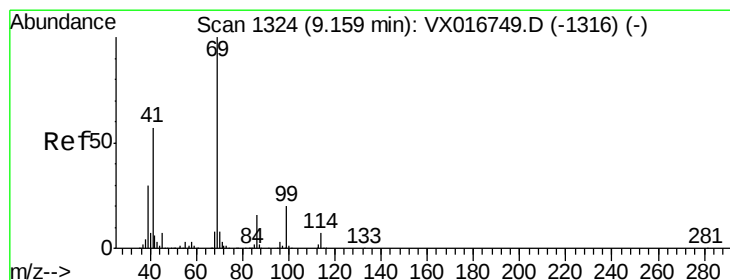
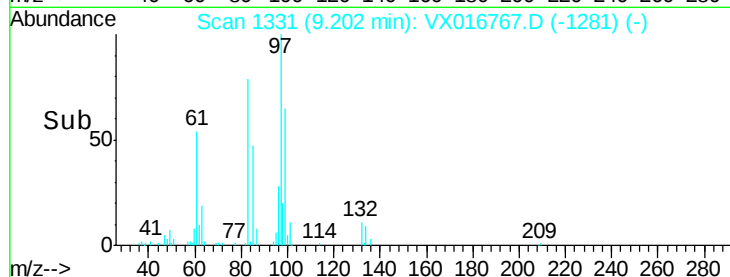
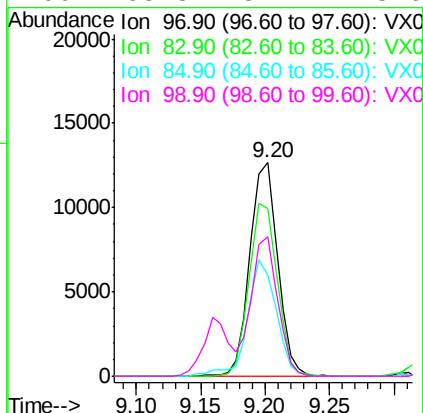
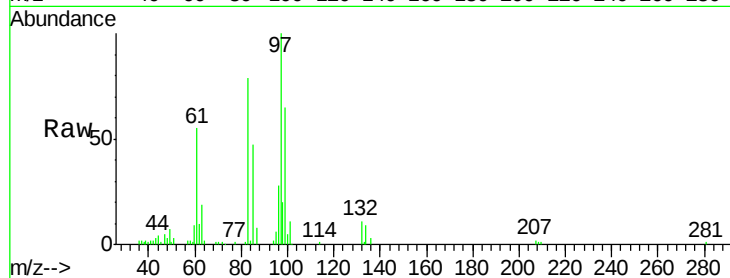
#55
 1,1,2-Trichloroethane
 Concen: 22.729 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp:	18872
Ion	Ratio	Lower	Upper
97	100		
83	78.5	68.3	102.5
85	47.1	43.5	65.3
99	65.3	52.4	78.6

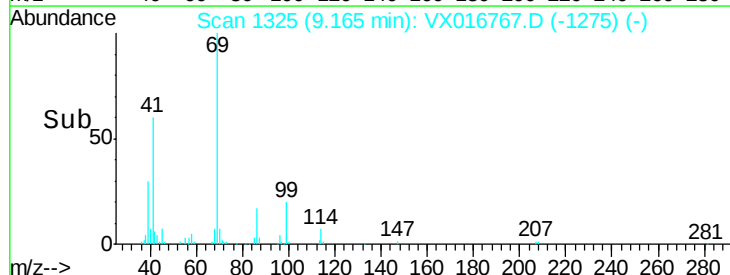
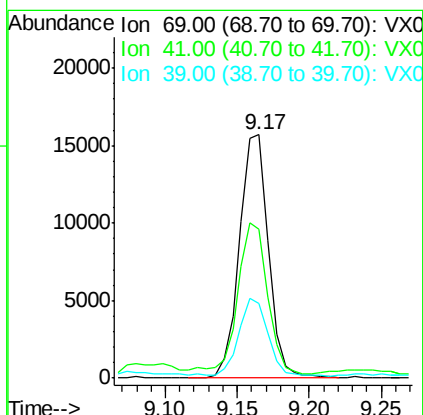
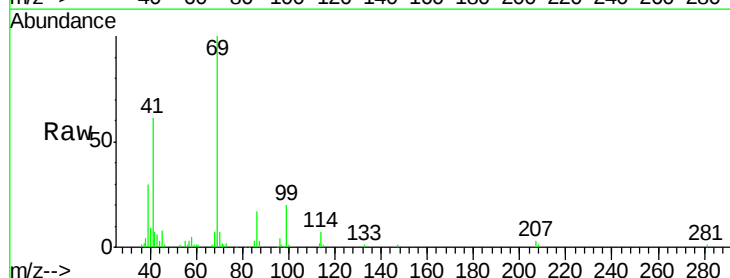
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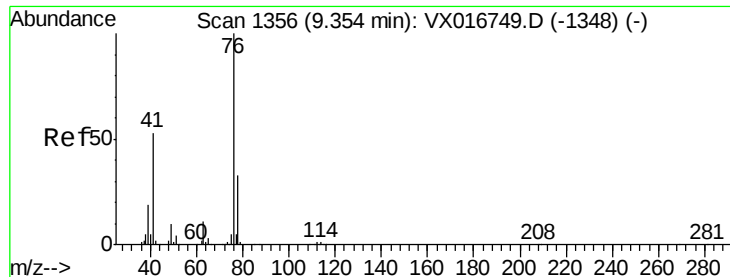
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#56
 Ethyl methacrylate
 Concen: 17.634 ug/l
 RT: 9.17 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	69	Resp:	21922
Ion	Ratio	Lower	Upper
69	100		
41	65.3	47.1	70.7
39	32.6	25.0	37.6





#57

1,3-Dichloropropane

Concen: 23.170 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 32339

Ion Ratio Lower Upper

76 100

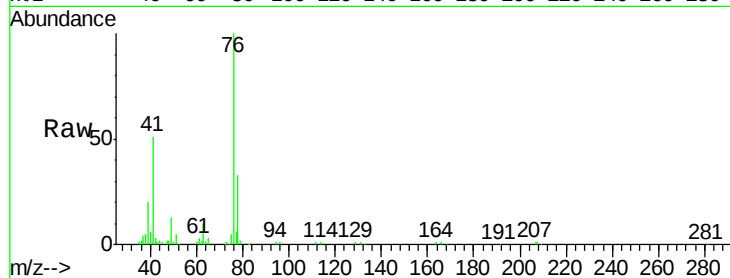
78 32.3 25.7 38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

25000

20000

15000

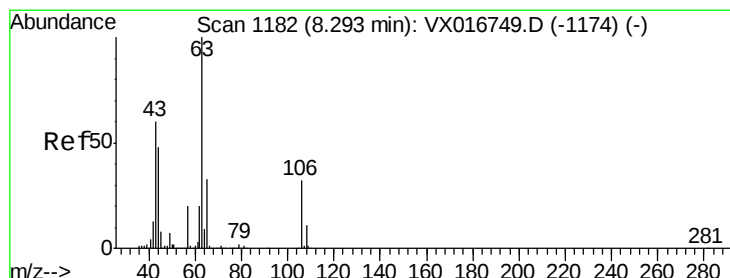
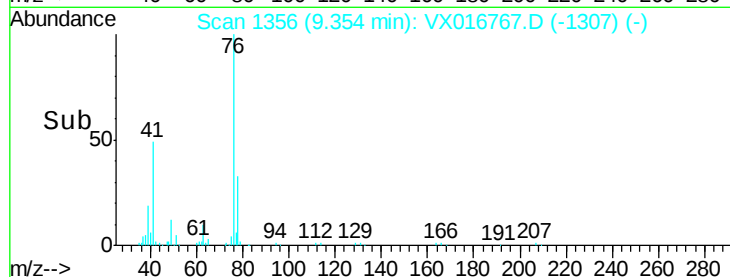
10000

5000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 82.974 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016767.D

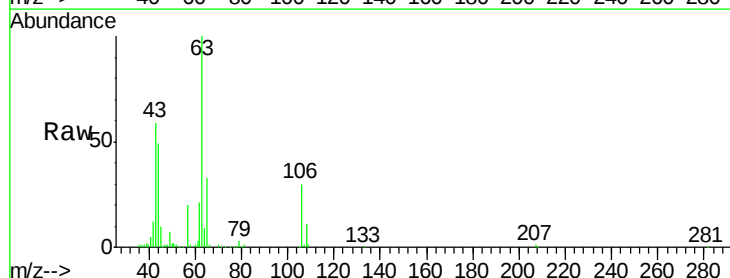
Acq: 15 Jun 2020 20:11

Tgt Ion: 63 Resp: 50717

Ion Ratio Lower Upper

63 100

106 32.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

30000

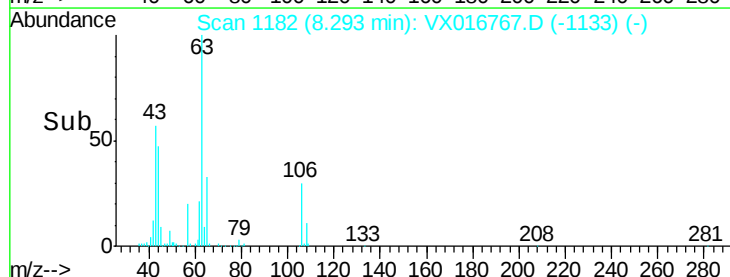
20000

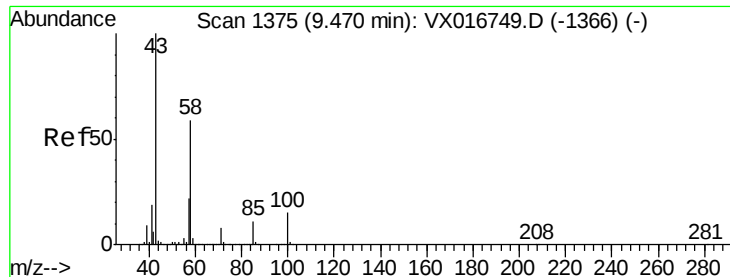
10000

0

8.20 8.25 8.30 8.35 8.40

Time-->





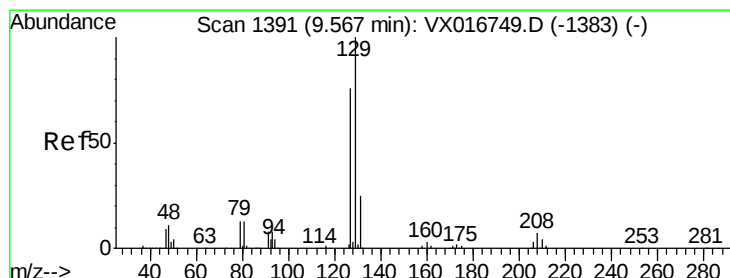
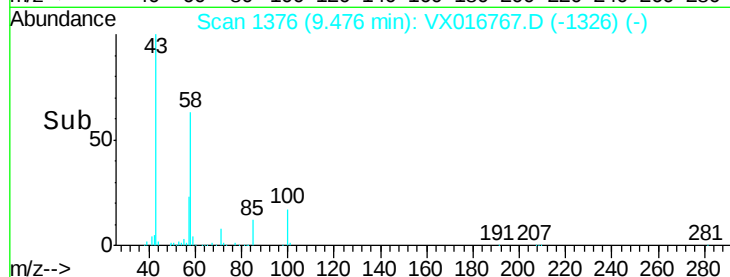
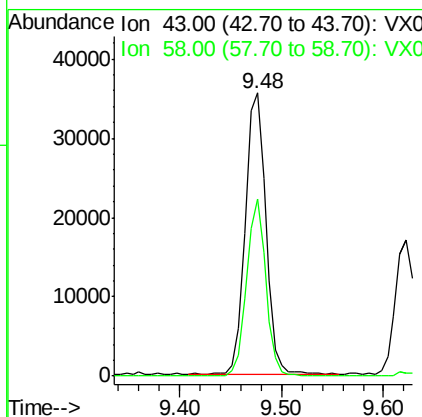
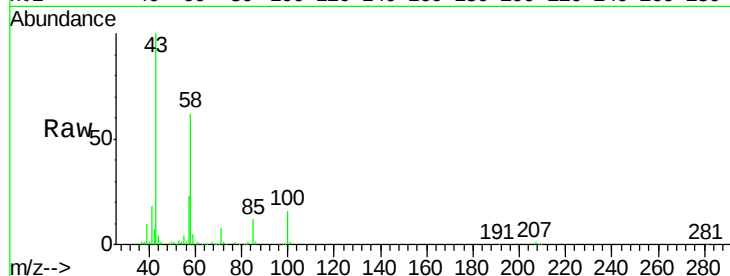
#59
2-Hexanone
Concen: 58.941 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	50238
Ion Ratio	100	Lower	Upper
43	100		
58	58.6	29.9	89.8

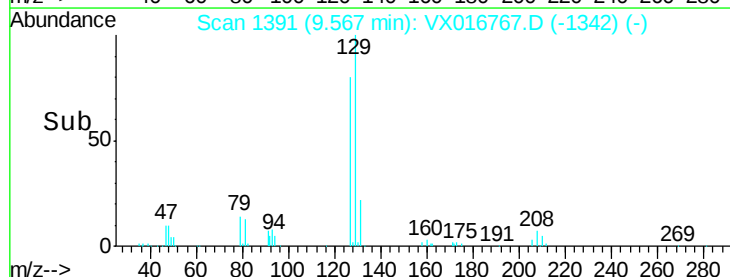
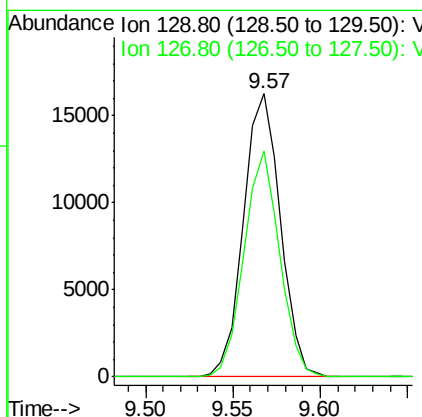
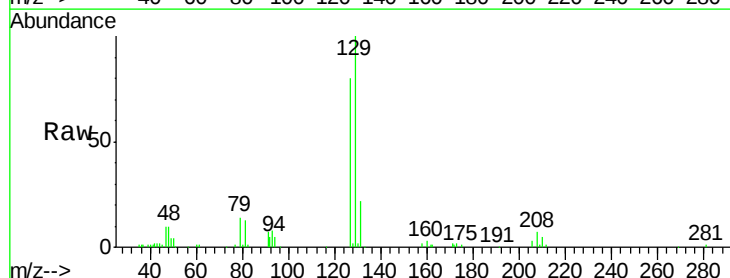
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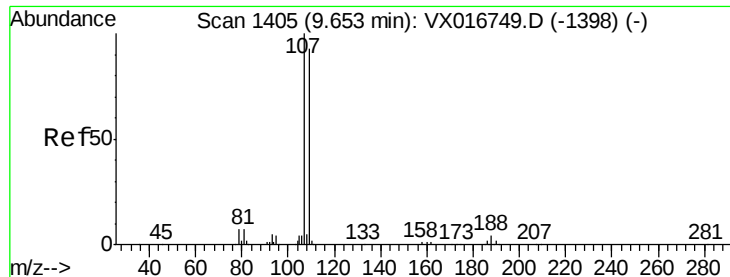
MMDadoda
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#60
Dibromochloromethane
Concen: 24.361 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	129	Resp	23905
Ion Ratio	100	Lower	Upper
129	100		
127	77.0	38.7	116.1





#61

1,2-Dibromoethane

Concen: 19.966 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 18067

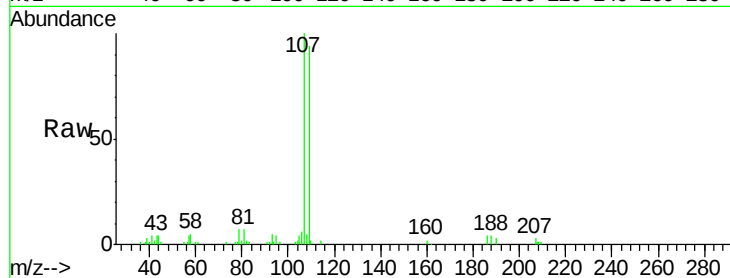
Ion Ratio Lower Upper

107 100

109 96.6 74.2 111.4

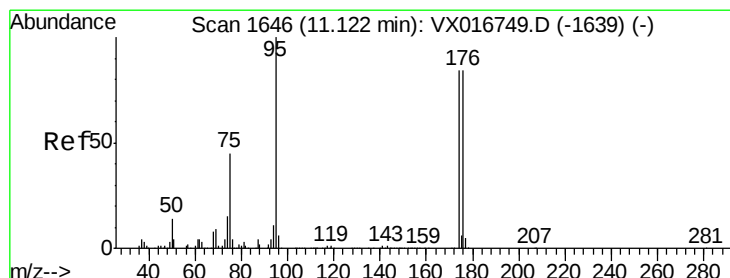
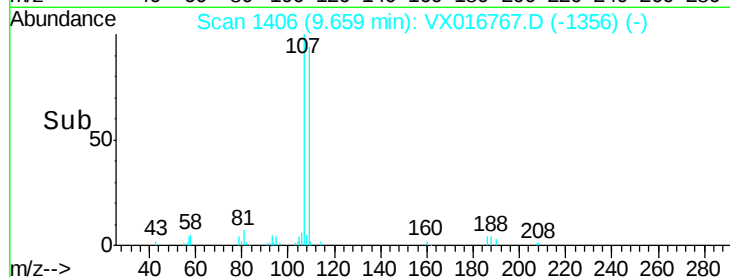
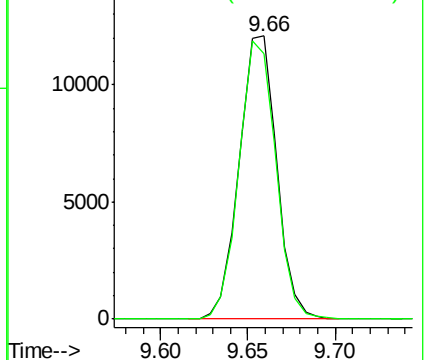
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 34.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

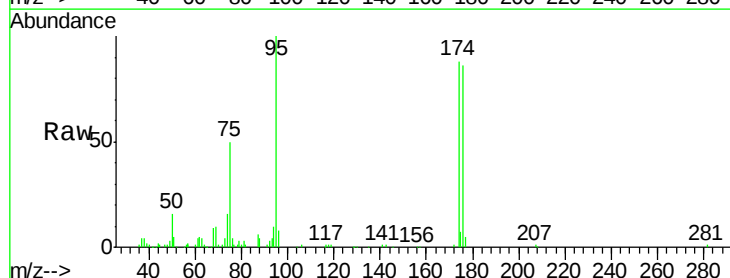
Tgt Ion: 95 Resp: 35336

Ion Ratio Lower Upper

95 100

174 87.5 0.0 171.0

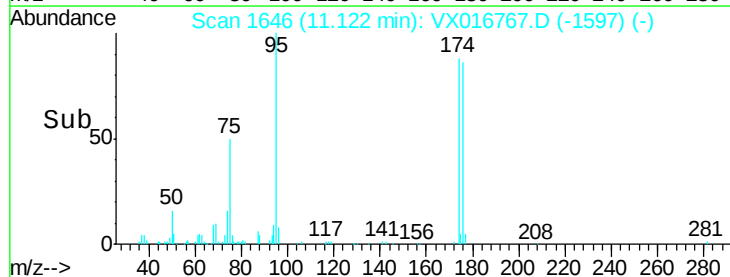
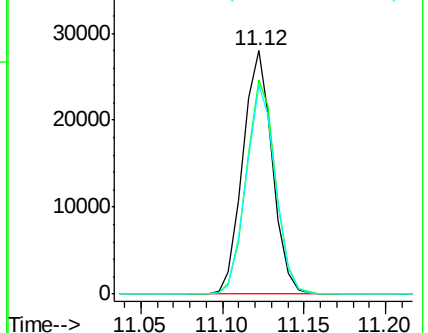
176 85.0 0.0 166.2

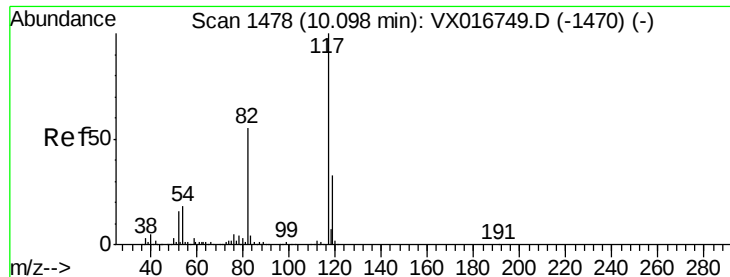


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





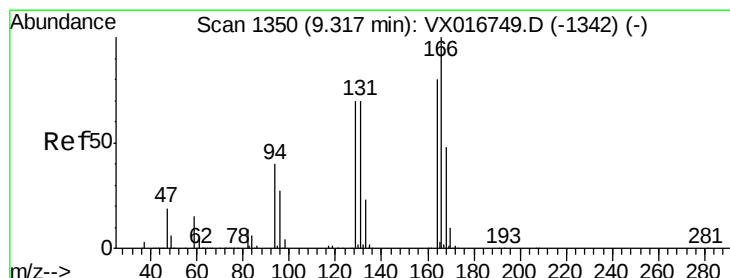
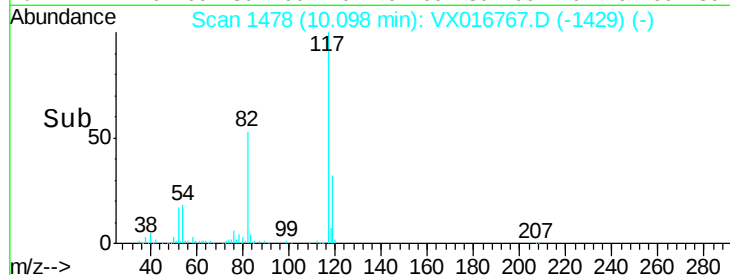
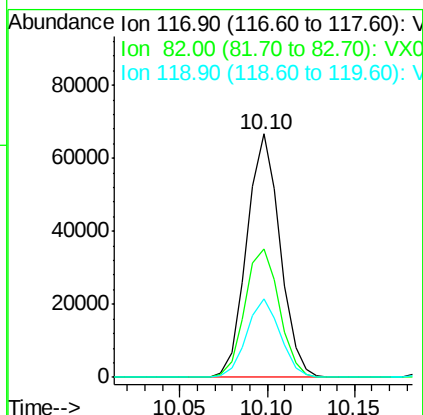
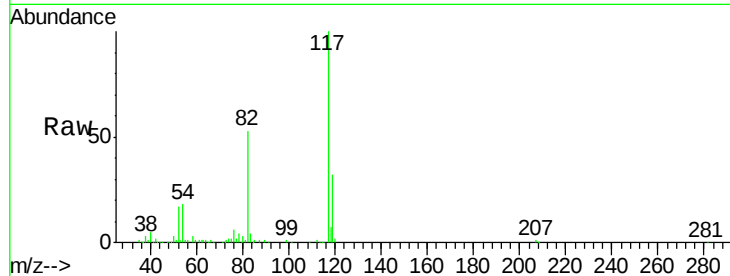
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.8	65.6
119	32.4	26.2	39.4

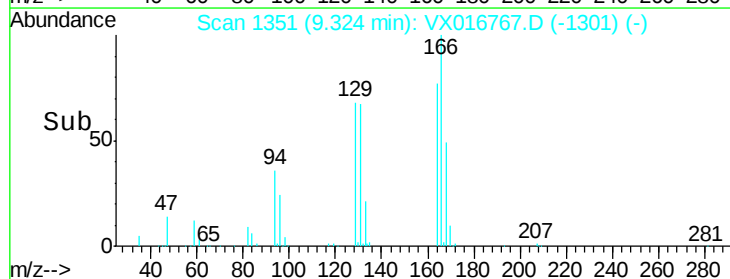
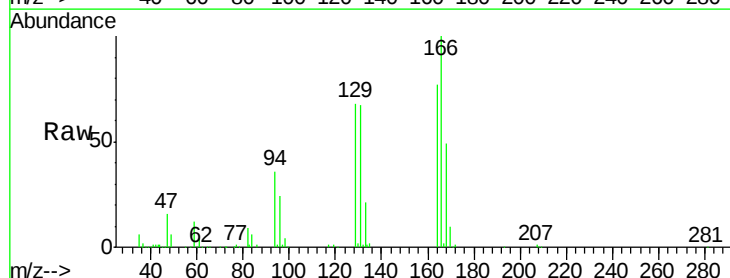
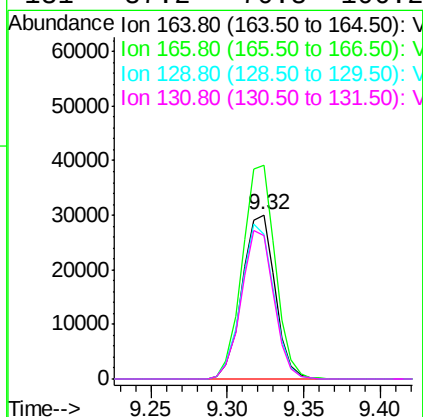
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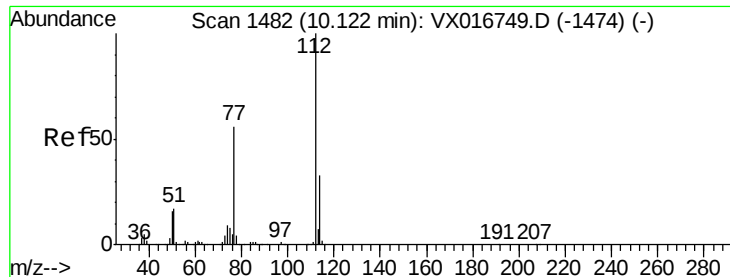
MMDadoda
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#64
Tetrachloroethene
Concen: 52.739 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	100.6	150.8
129	87.9	70.1	105.1
131	87.2	70.8	106.2





#65

Chlorobenzene

Concen: 44.402 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 79439

Ion Ratio Lower Upper

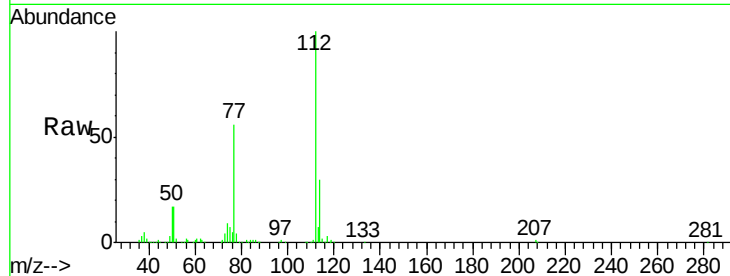
112 100

114 30.5 26.2 39.4

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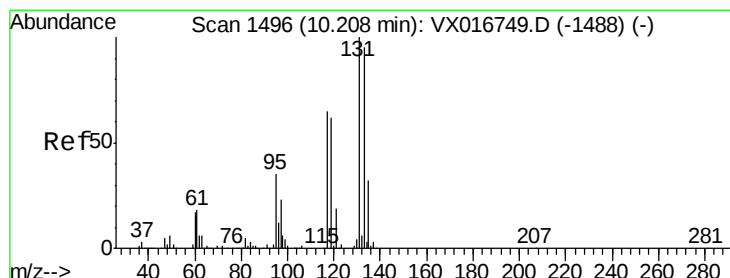
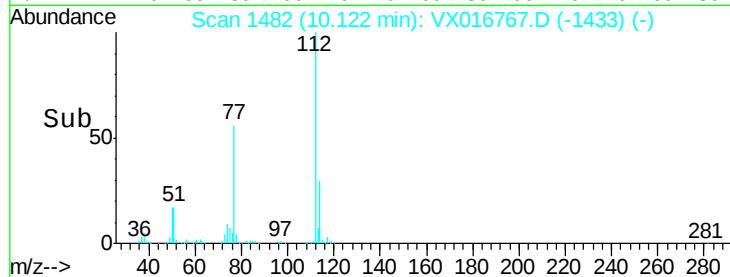
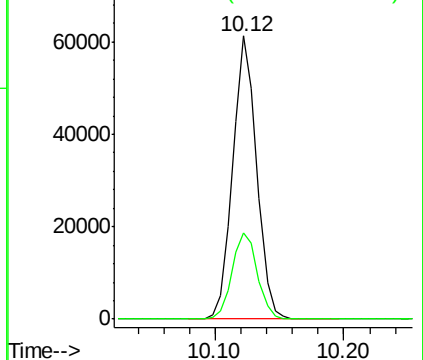
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 38.326 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

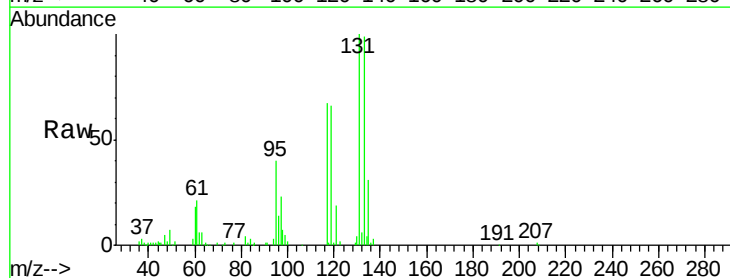
Tgt Ion:131 Resp: 27354

Ion Ratio Lower Upper

131 100

133 96.9 46.8 140.3

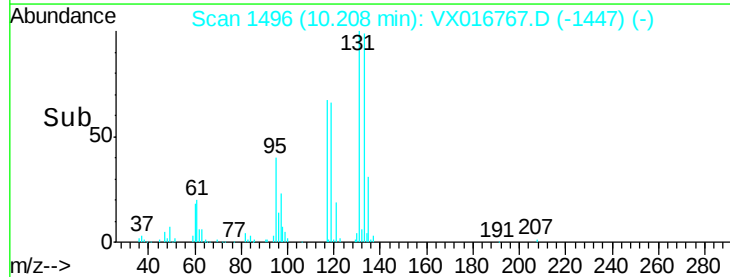
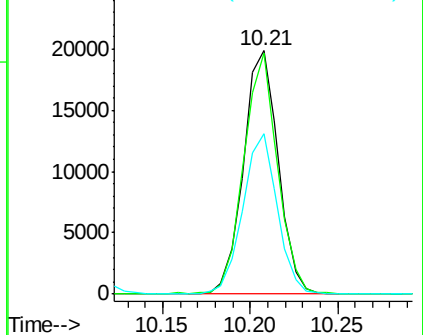
119 65.2 31.4 94.0

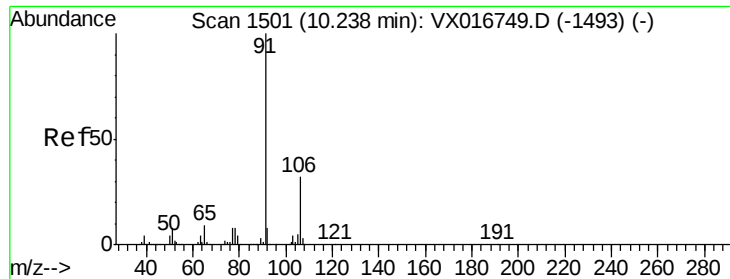


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





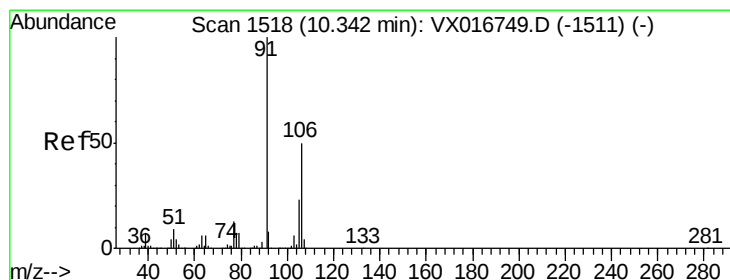
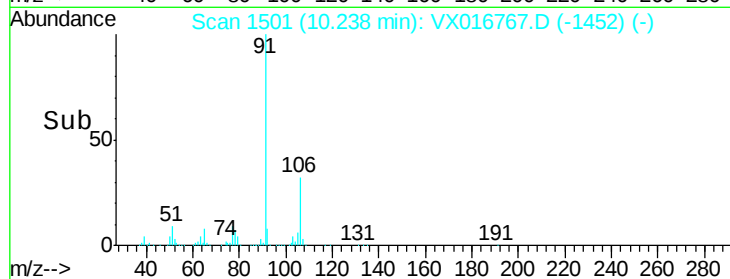
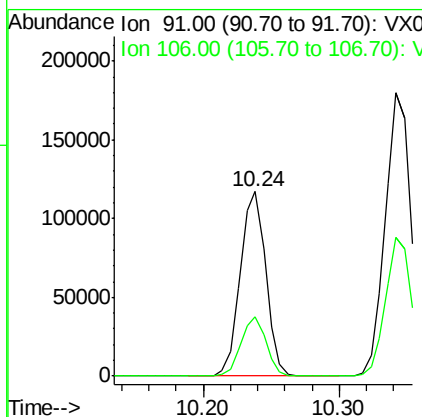
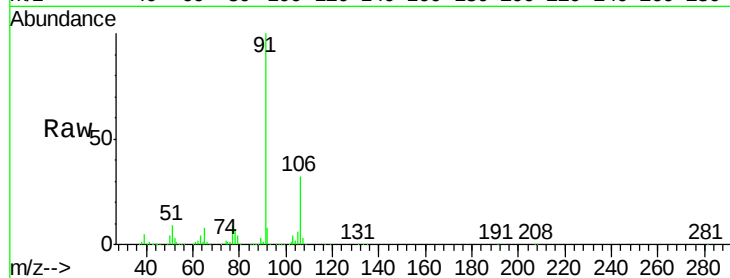
#67
Ethyl Benzene
Concen: 50.854 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.9	25.3	37.9	

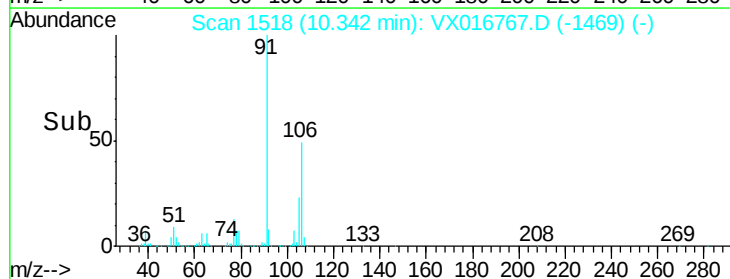
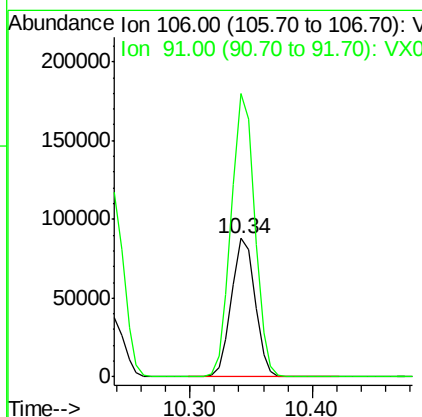
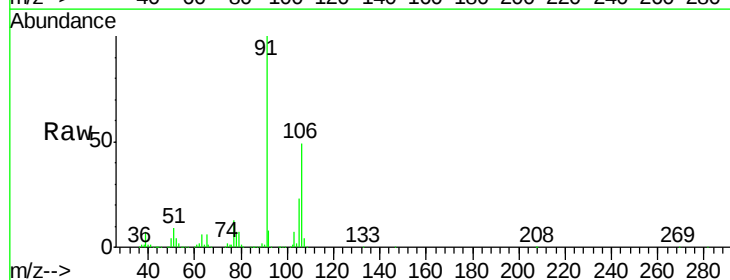
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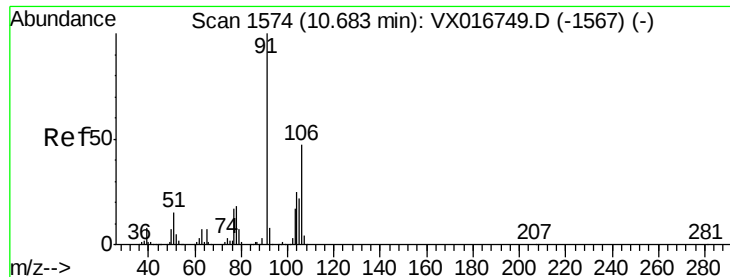
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#68
m/p-Xylenes
Concen: 102.036 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.3	161.2	241.8	





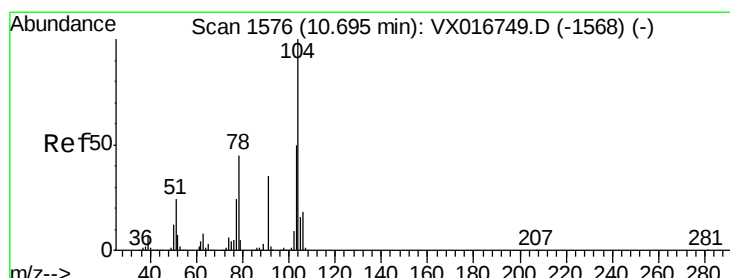
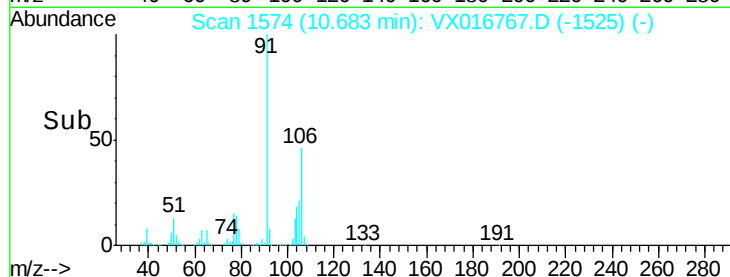
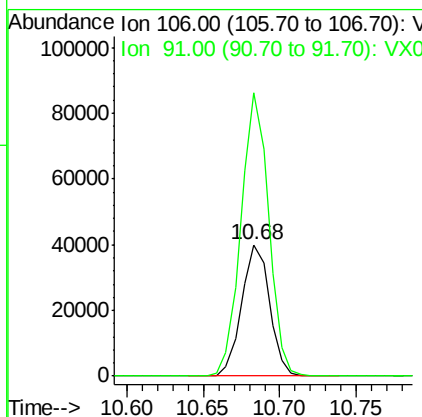
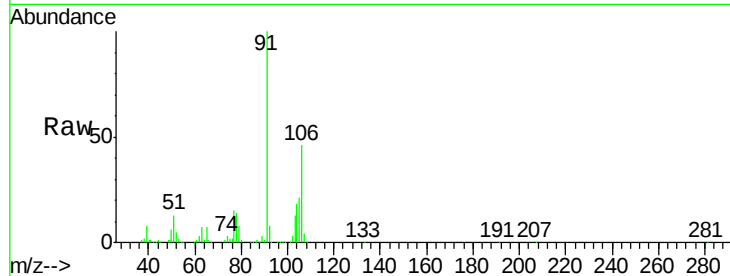
#69
o-Xylene
Concen: 46.073 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	50900		
91	91	212.8	106.9	320.8	

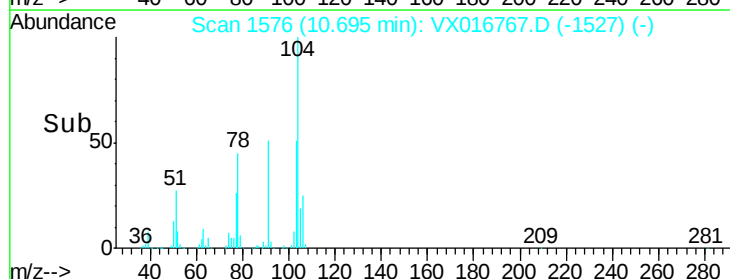
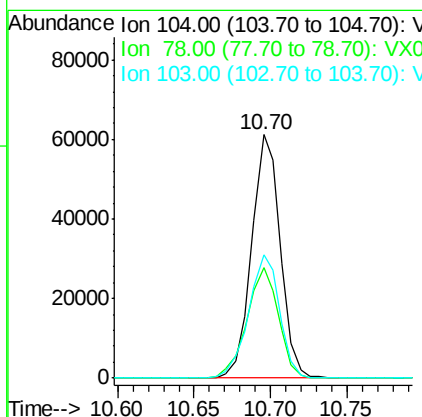
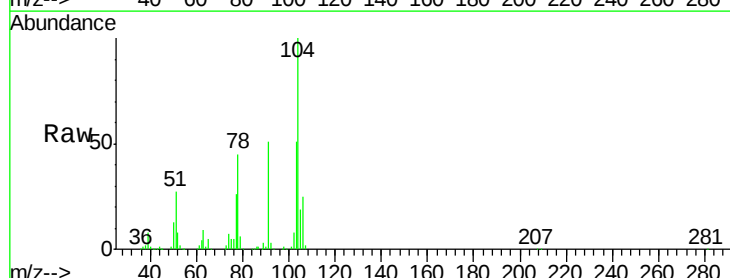
Manual Integrations
APPROVED

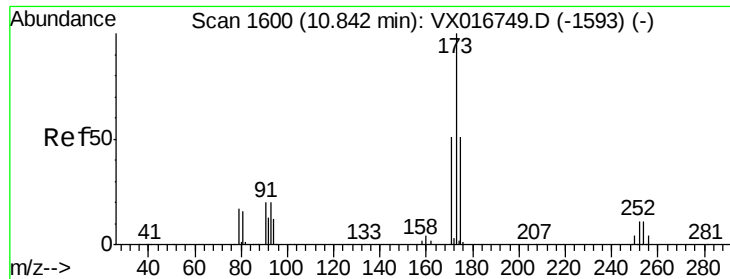
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#70
Styrene
Concen: 41.715 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	79669		
78	78	50.1	39.8	59.8	
103	103	55.3	43.4	65.2	





#71

Bromoform

Concen: 23.455 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

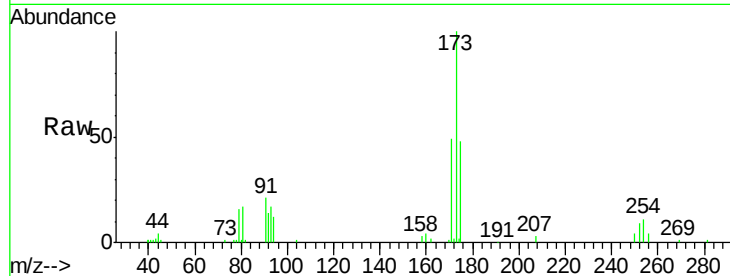
ClientSampleId :

VSTDCCC050EC

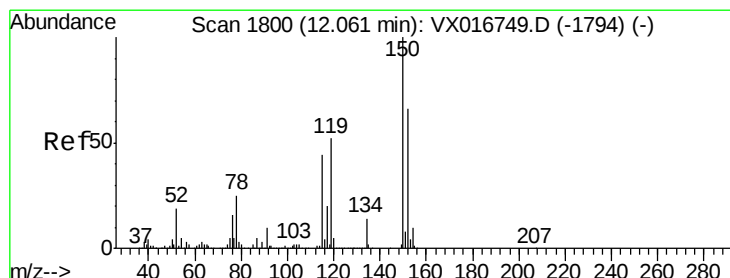
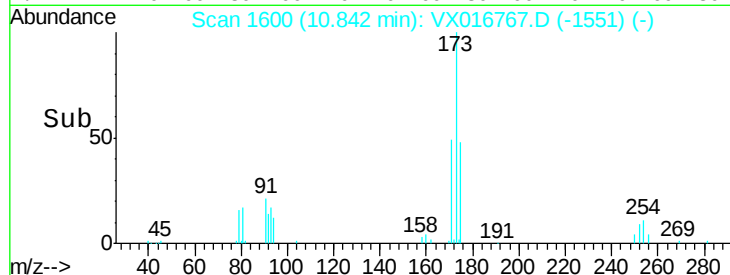
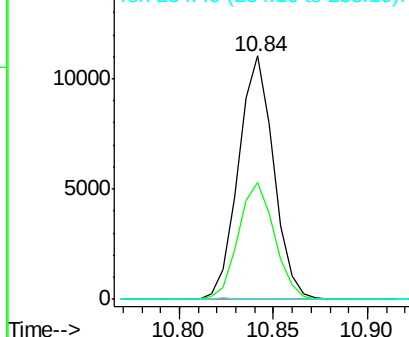
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.1	75.4
254	0.1	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

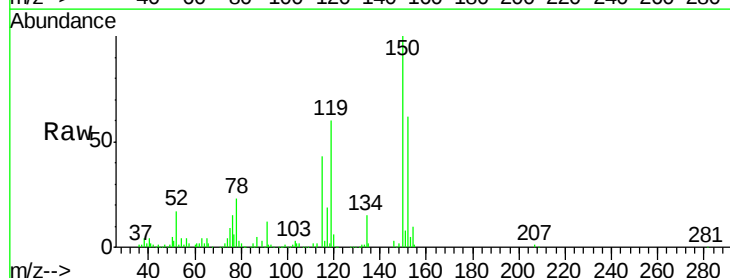
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

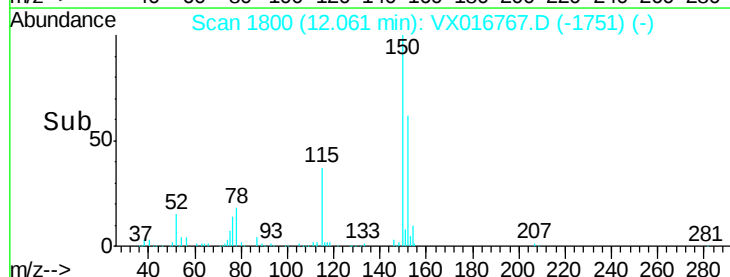
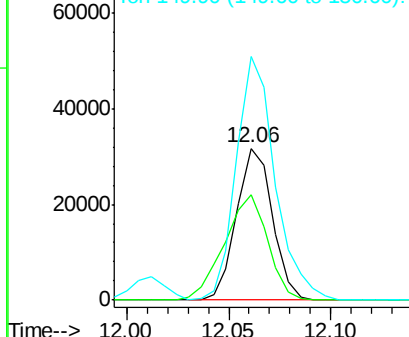
Lab File: VX016767.D

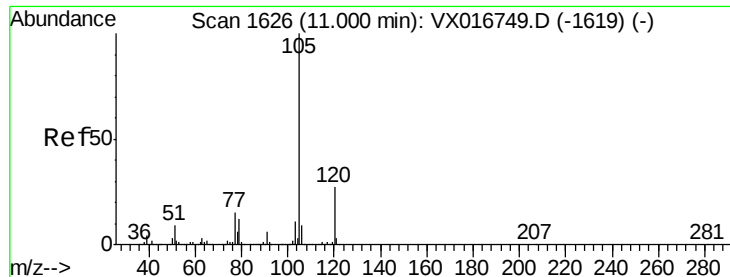
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.0	40.3	120.8
150	174.5	0.0	337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 61.140 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 154783

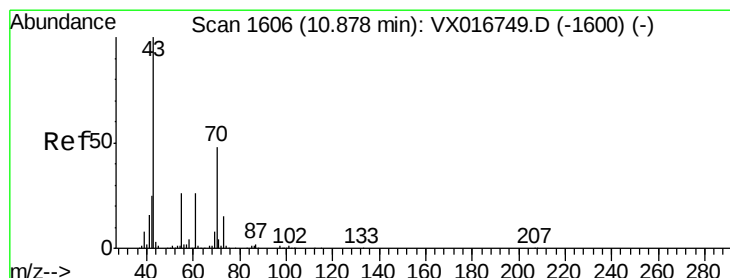
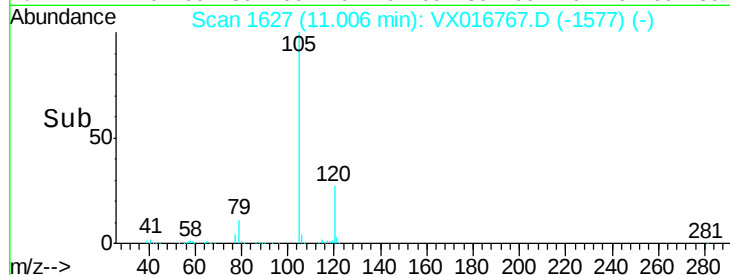
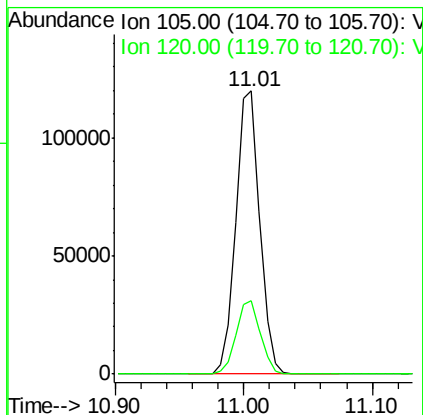
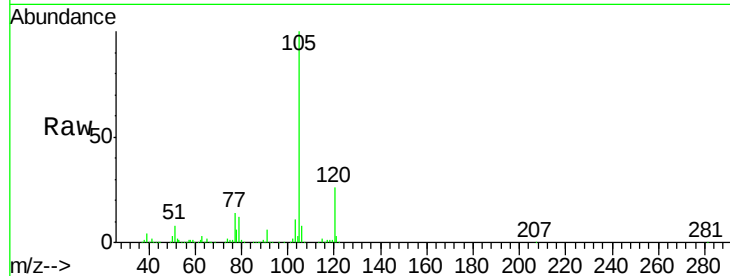
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 22.579 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Tgt Ion: 43 Resp: 22216

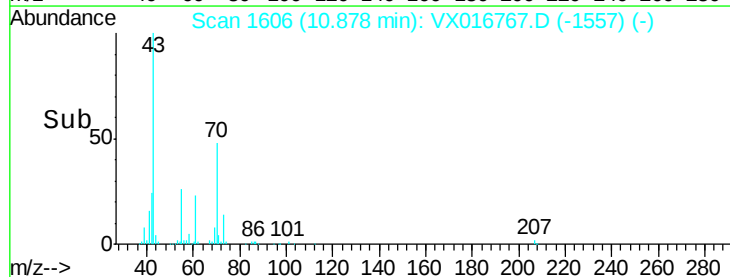
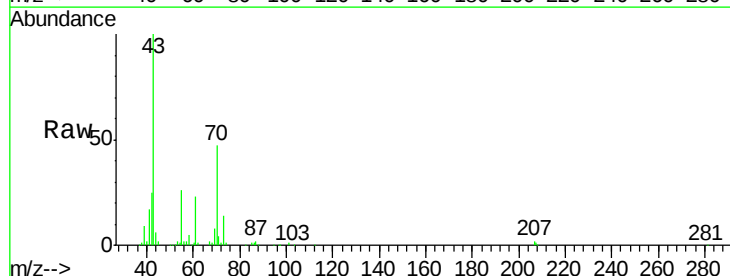
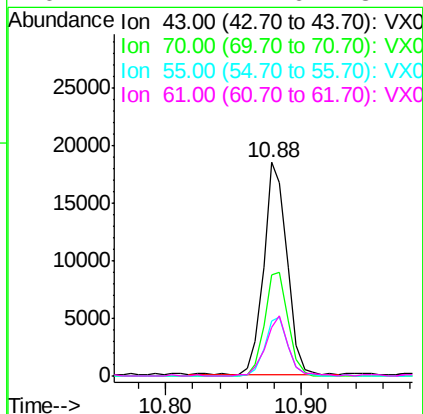
Ion Ratio Lower Upper

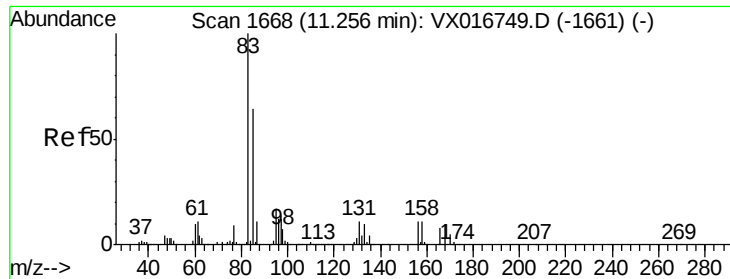
43 100

70 49.2 39.8 59.6

55 27.1 21.7 32.5

61 27.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 23.706 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

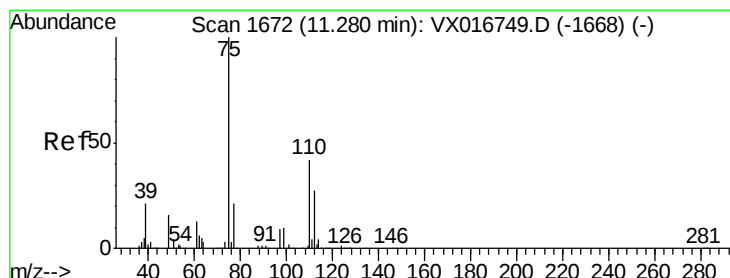
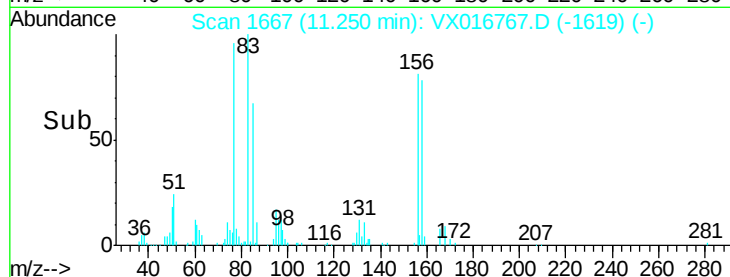
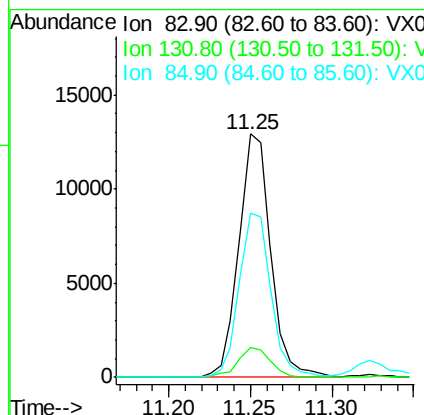
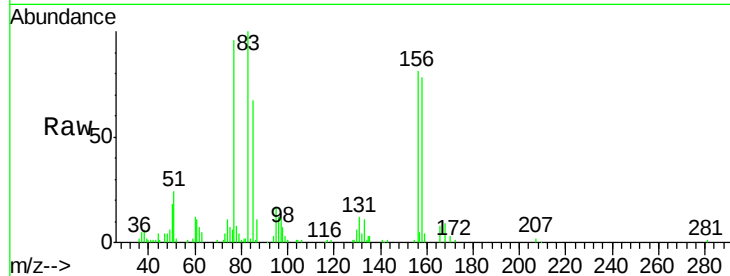
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	17654
Ion	Ratio	Lower	Upper
83	100		
131	12.5	5.7	17.0
85	67.5	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.564 ug/l m

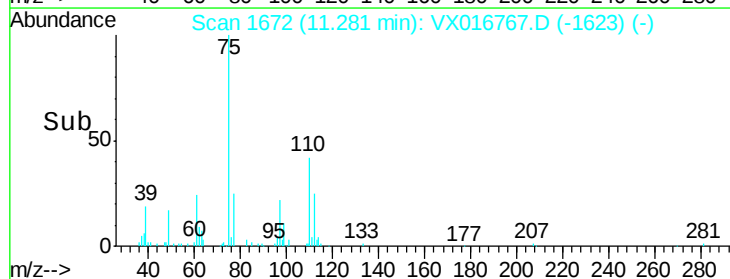
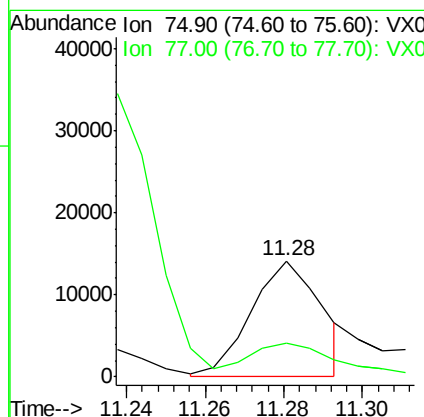
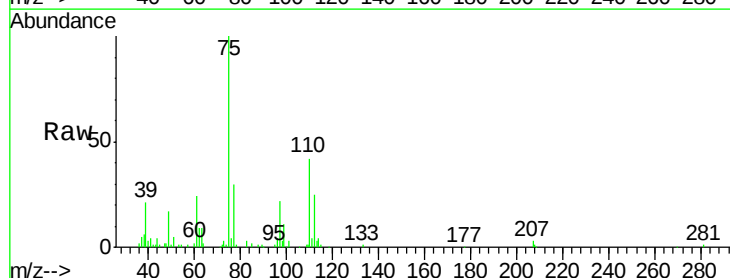
RT: 11.28 min Scan# 1672

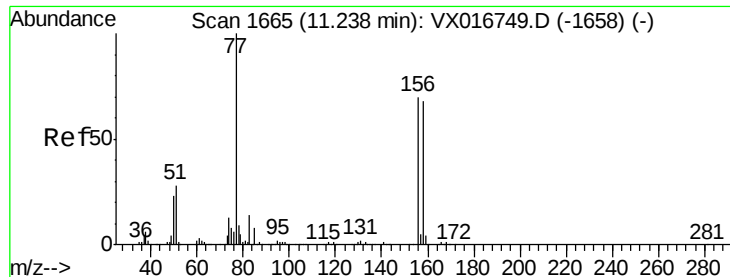
Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Tgt Ion:	75	Resp:	17496
Ion	Ratio	Lower	Upper
75	100		
77	37.4	20.3	60.9





#77

Bromobenzene

Concen: 42.139 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Instrument :

MSVOA_X

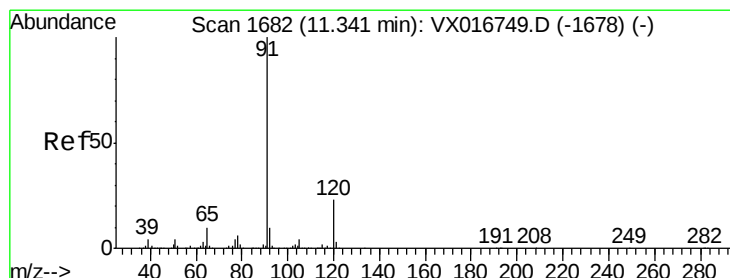
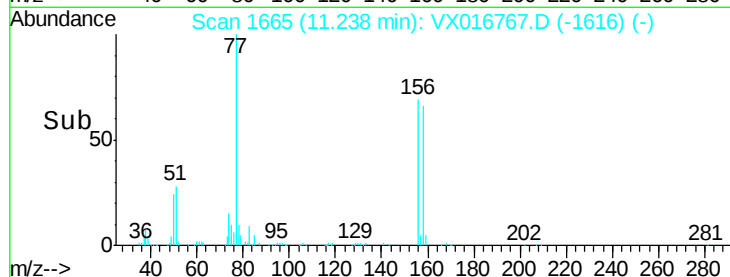
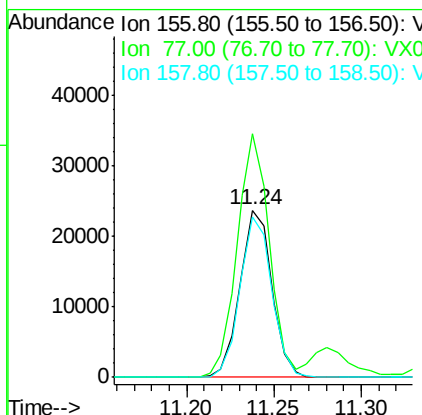
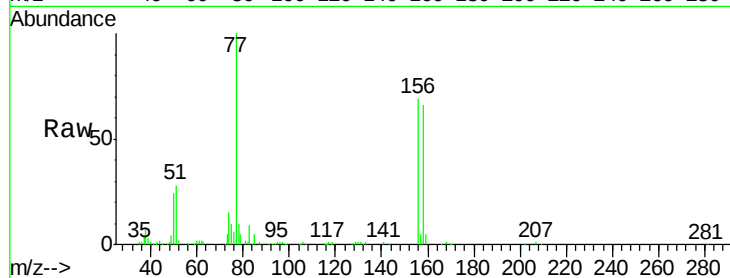
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	30121
Ion Ratio	Lower	Upper	
156	100		
77	146.0	73.2	219.6
158	95.7	48.8	146.4

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#78

n-propylbenzene

Concen: 65.748 ug/l

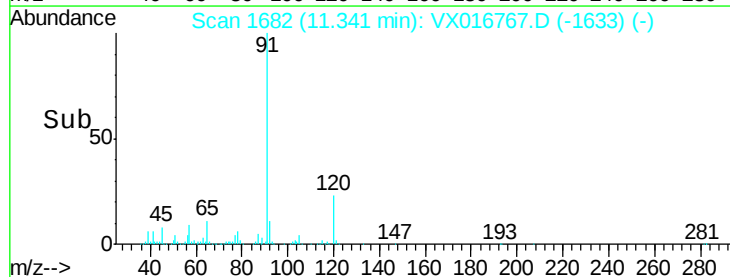
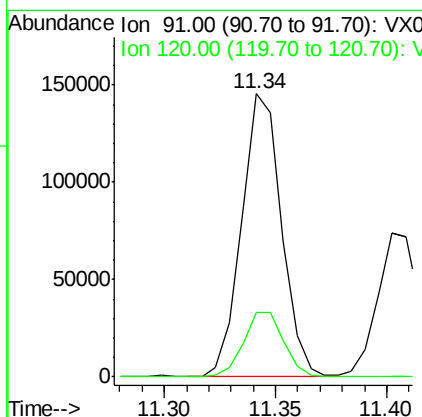
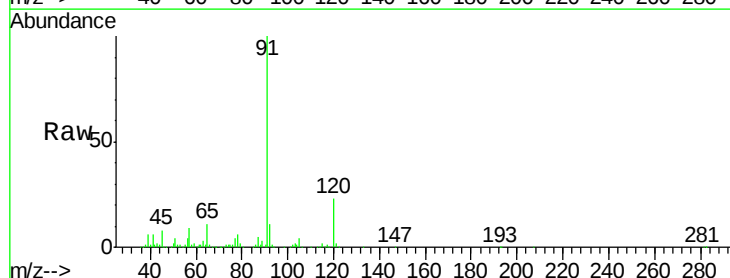
RT: 11.34 min Scan# 1682

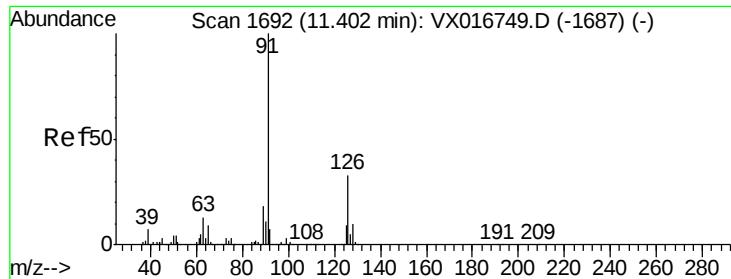
Delta R.T. 0.00 min

Lab File: VX016767.D

Acq: 15 Jun 2020 20:11

Tgt Ion:	91	Resp:	180760
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.0	36.0





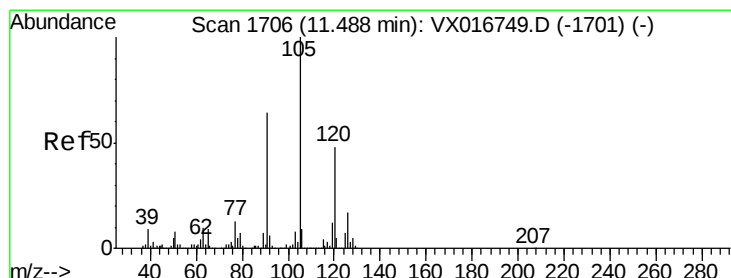
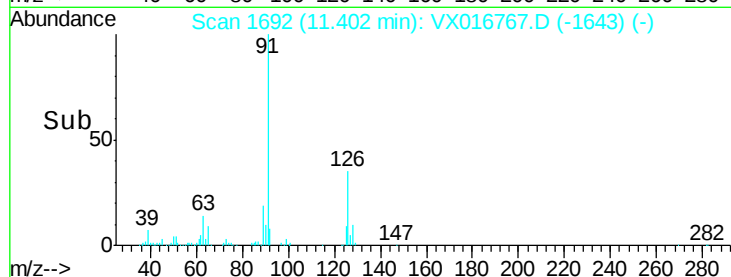
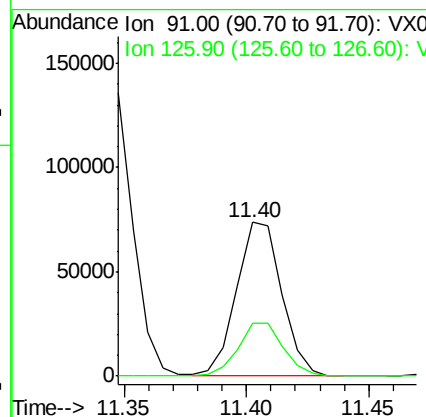
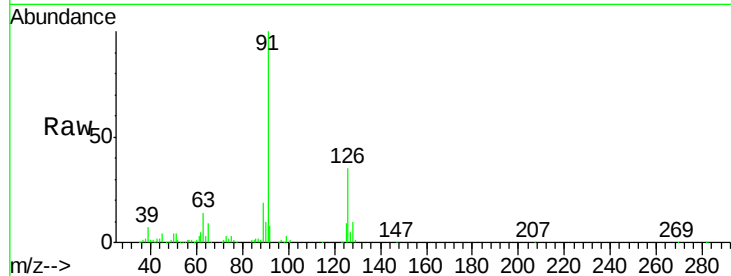
#79
 2-Chlorotoluene
 Concen: 54.439 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 94643
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.5

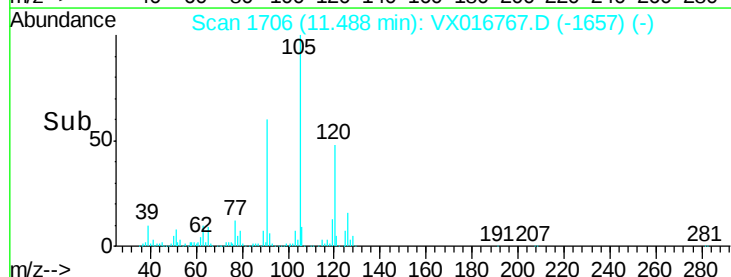
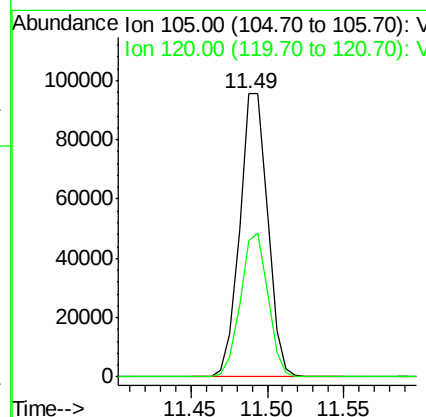
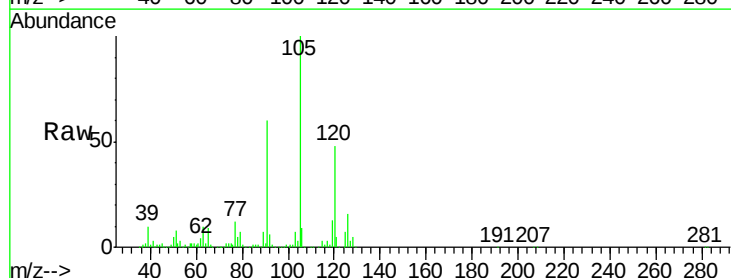
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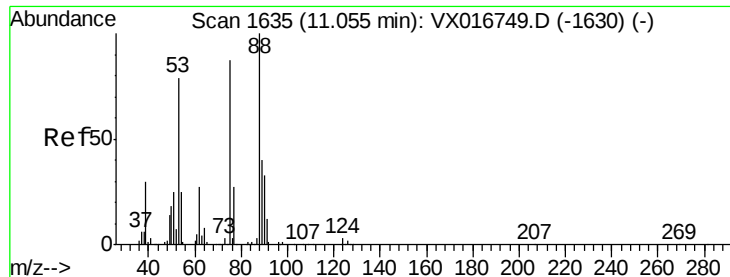
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#80
 1,3,5-Trimethylbenzene
 Concen: 56.962 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion: 105 Resp: 120884
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4





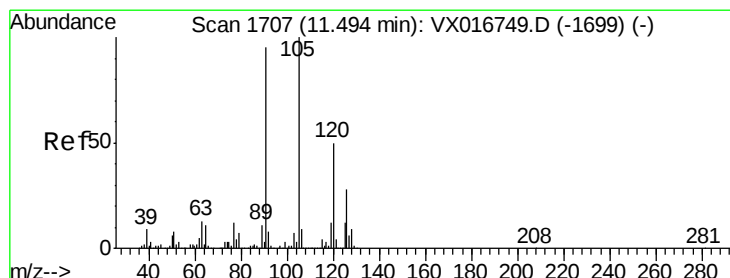
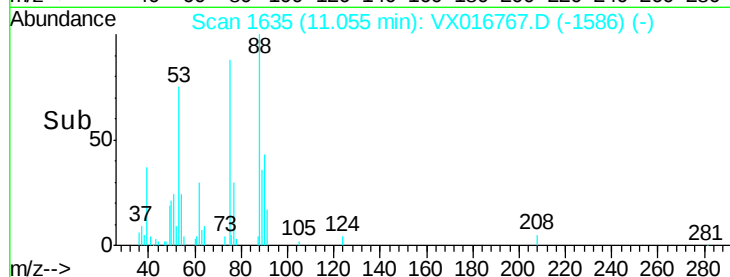
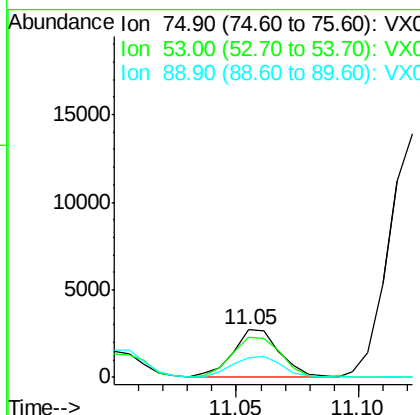
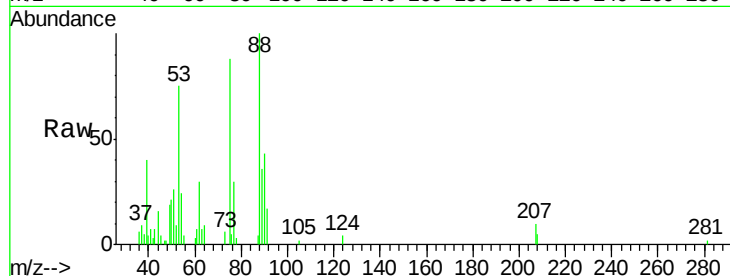
#81
trans-1,4-Dichloro-2-butene
Concen: 11.254 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.4	71.4	107.0
89	46.1	39.1	58.7

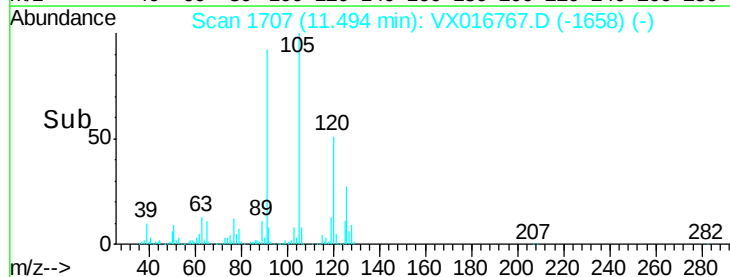
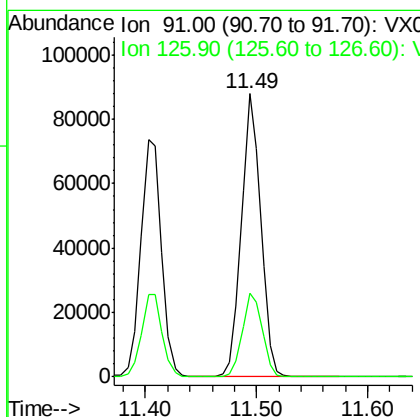
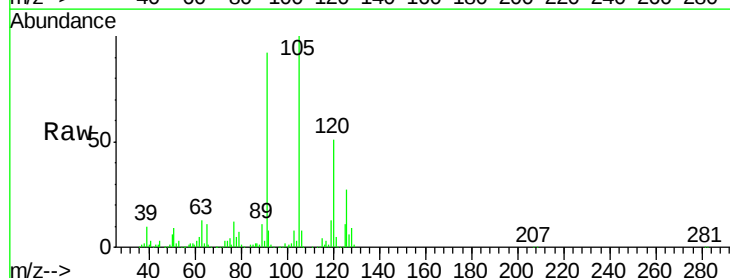
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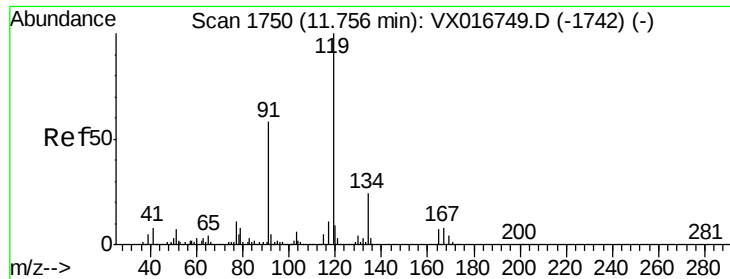
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#82
4-Chlorotoluene
Concen: 52.458 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





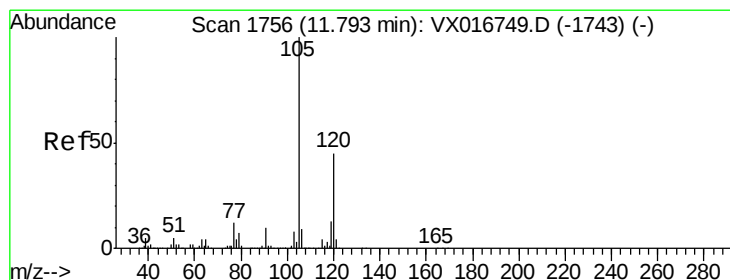
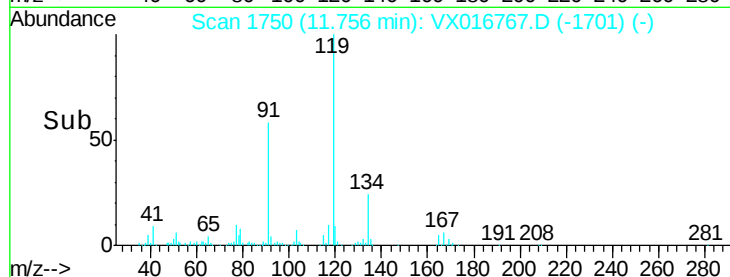
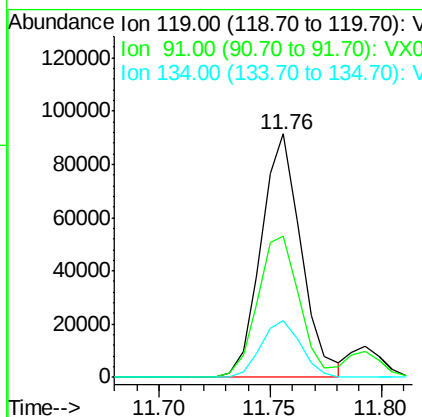
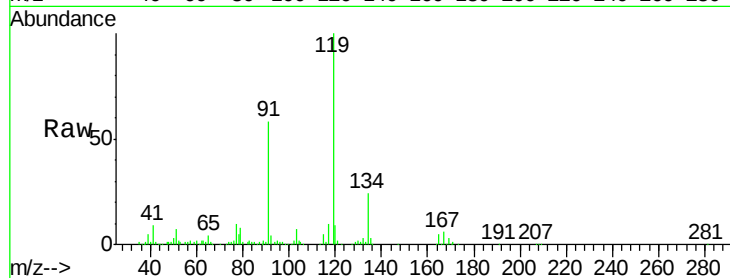
#83
 tert-Butylbenzene
 Concen: 58.858 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	114293		
91	60.1	29.3	88.0	
134	23.4	11.8	35.3	

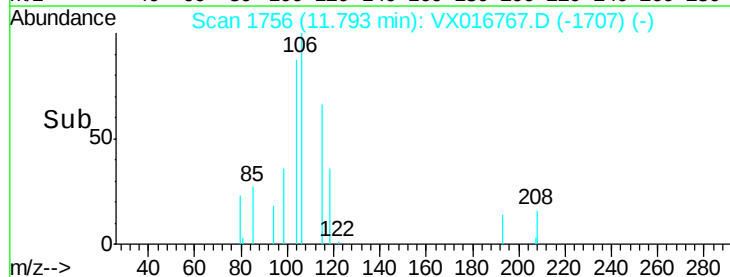
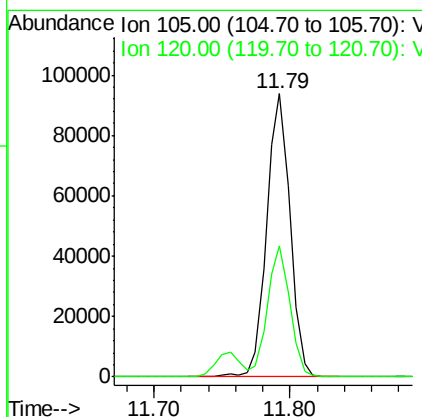
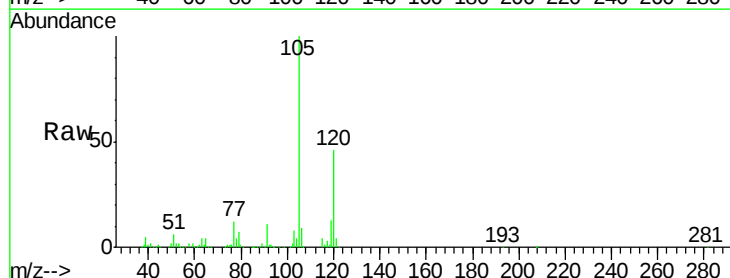
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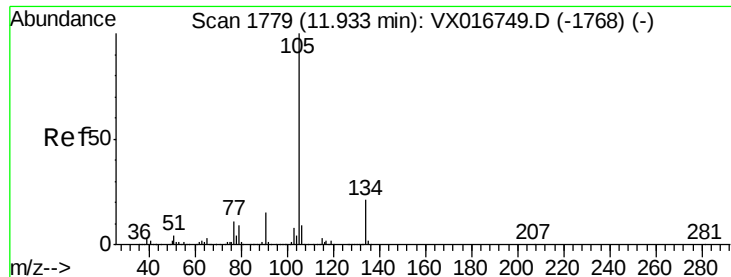
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.763 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113272		
120	44.6	22.6	67.8	





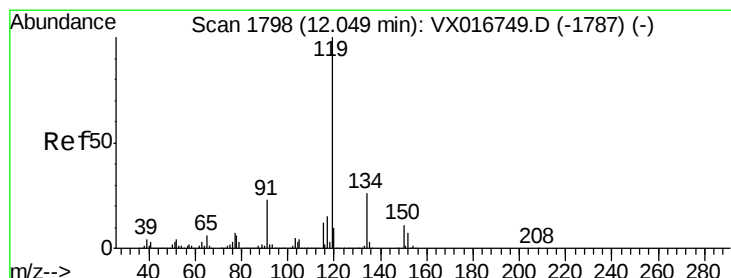
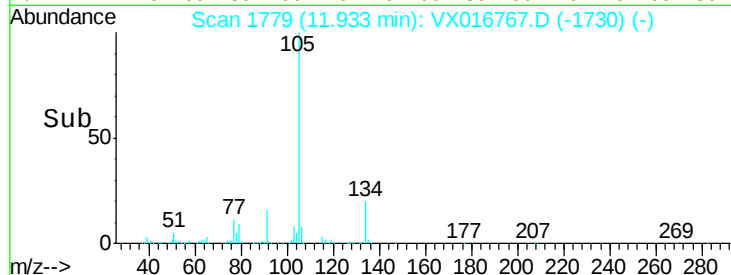
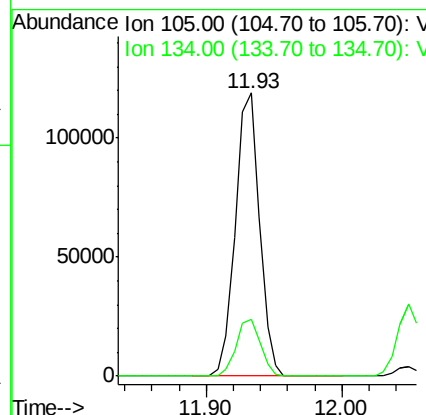
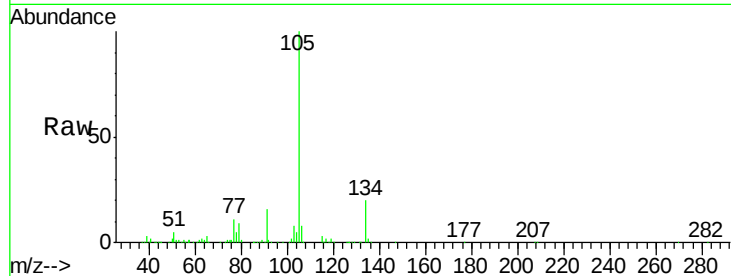
#85
 sec-Butylbenzene
 Concen: 64.623 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.3	30.8

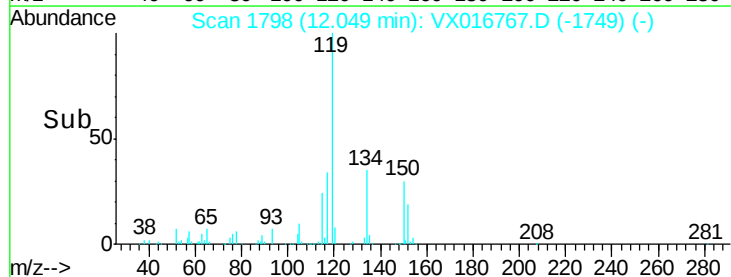
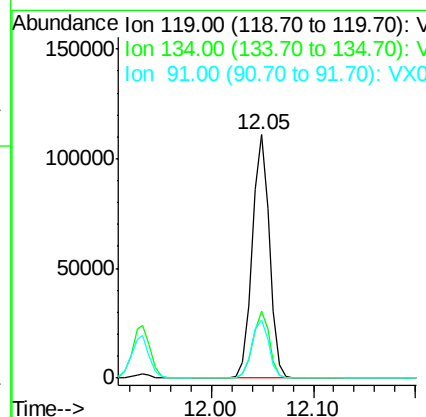
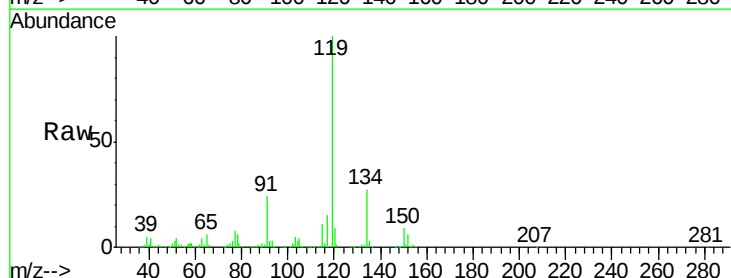
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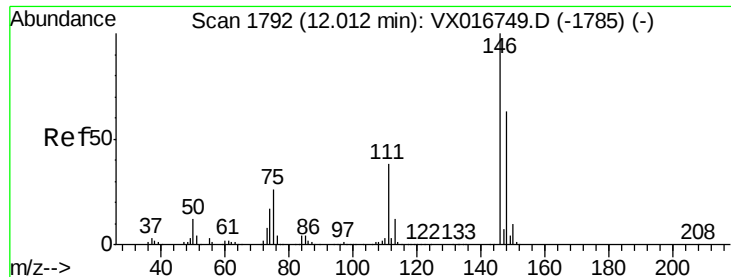
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#86
 p-Isopropyltoluene
 Concen: 59.436 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.0	38.9
91	24.4	11.6	34.7





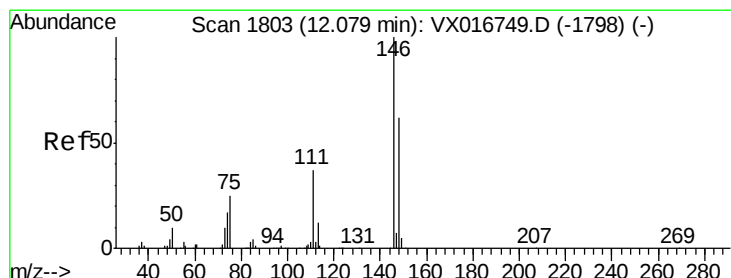
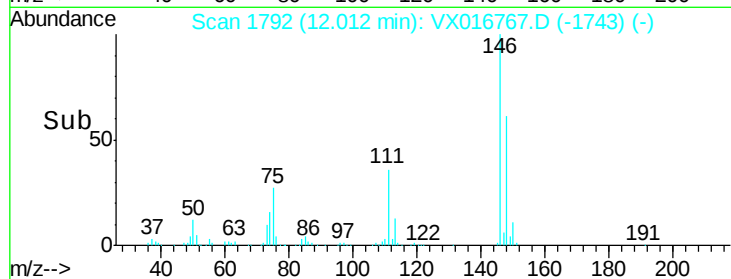
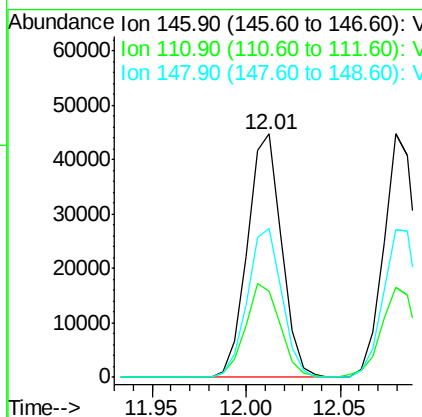
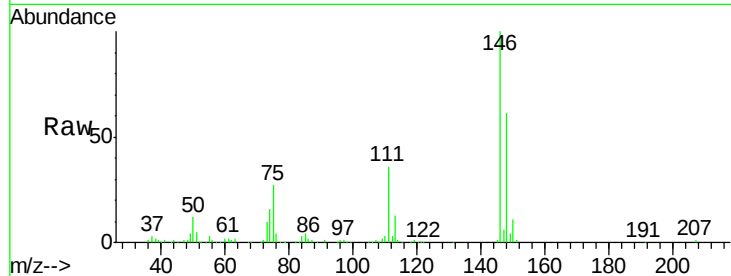
#87
 1,3-Dichlorobenzene
 Concen: 46.546 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	61.8	31.9	95.7

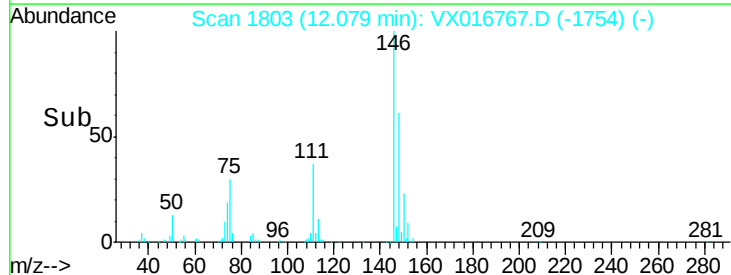
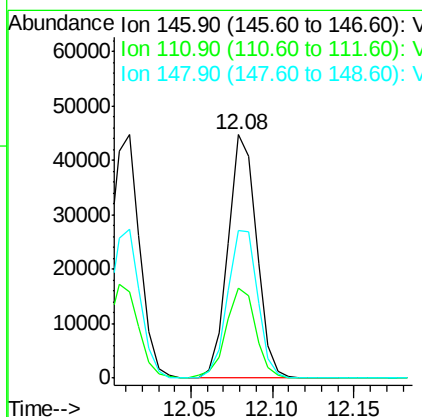
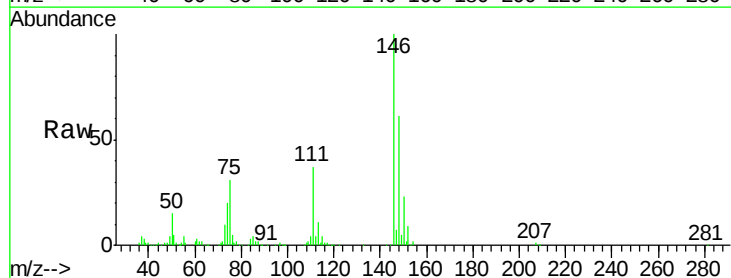
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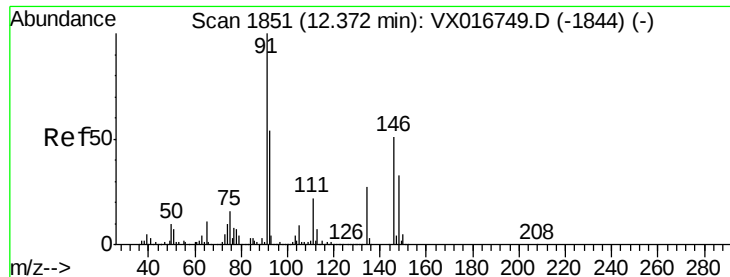
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#88
 1,4-Dichlorobenzene
 Concen: 43.444 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.0	32.1	96.5





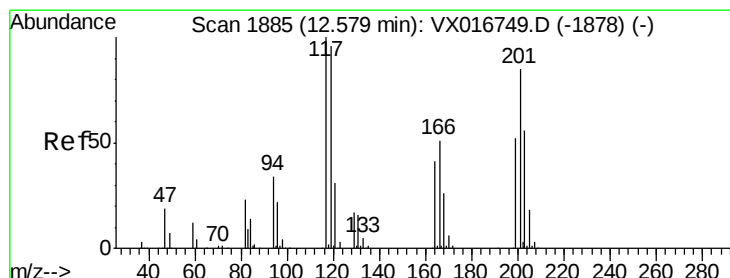
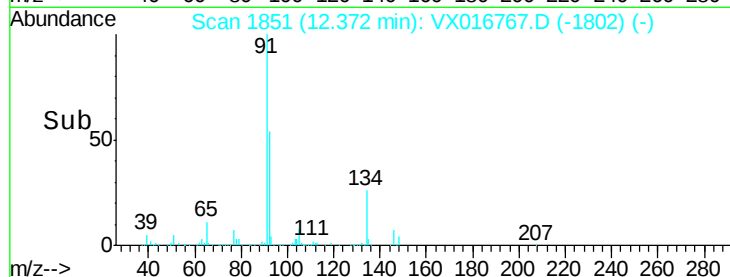
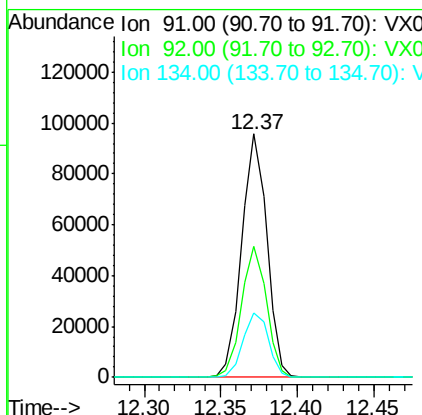
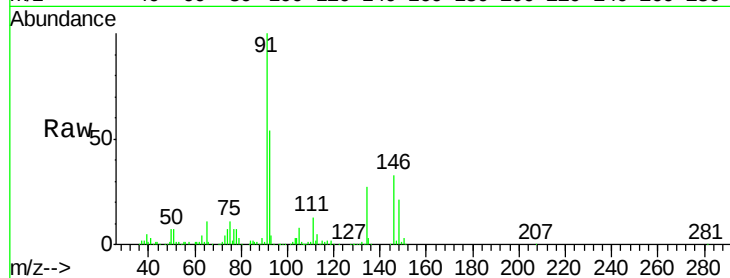
#89
n-Butylbenzene
Concen: 60.718 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	26.9	13.7	41.0

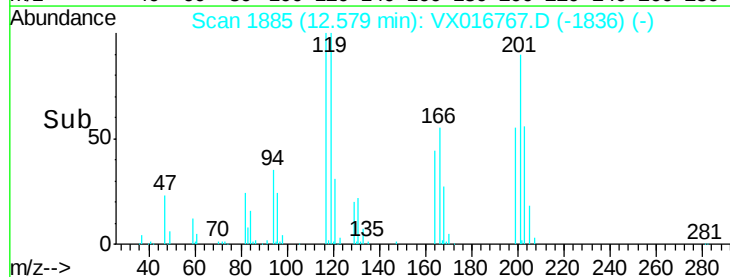
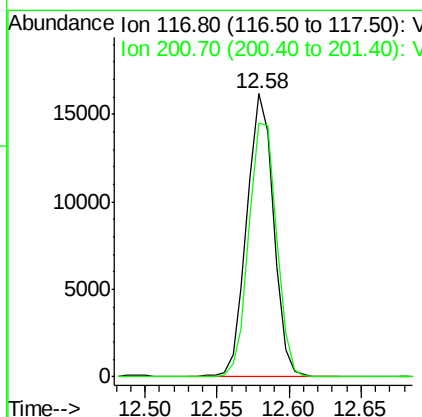
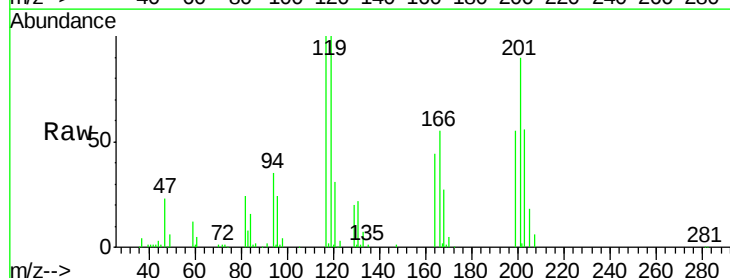
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#90
Hexachloroethane
Concen: 51.652 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.6	45.6	136.9





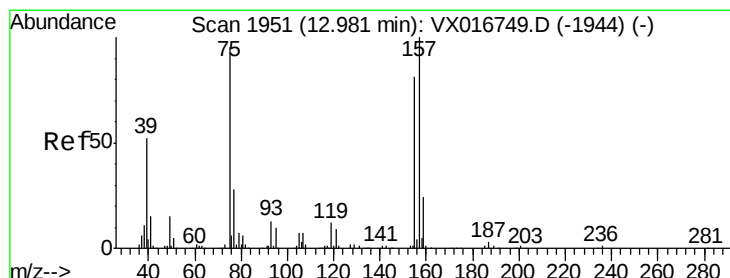
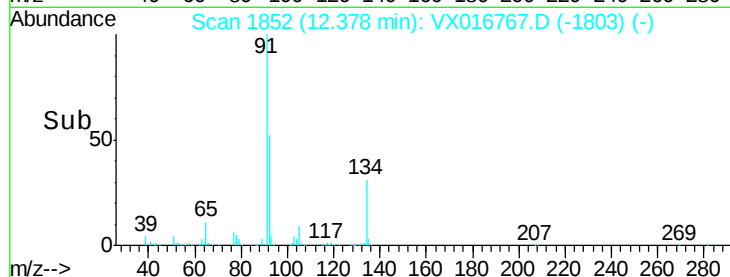
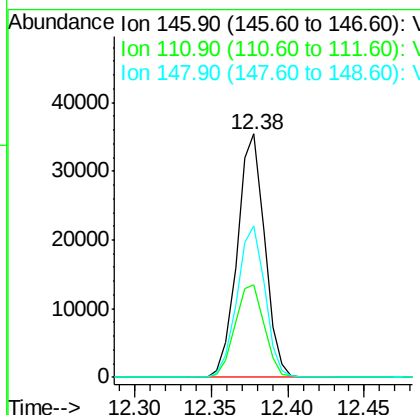
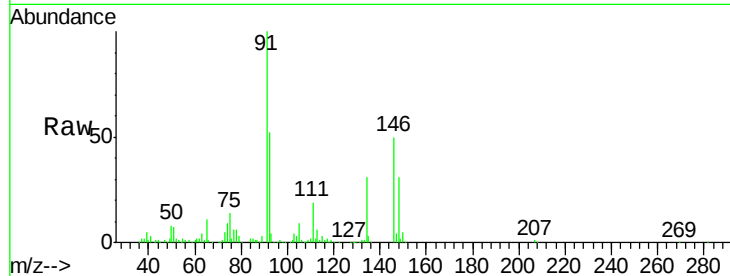
#91
 1,2-Dichlorobenzene
 Concen: 36.469 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.8	62.2
148	62.8	32.1	96.5

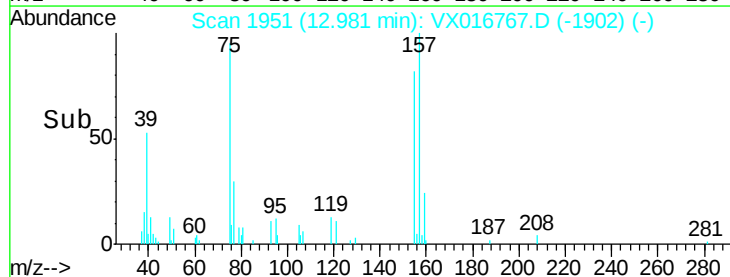
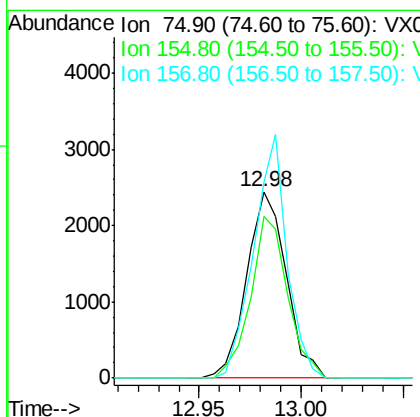
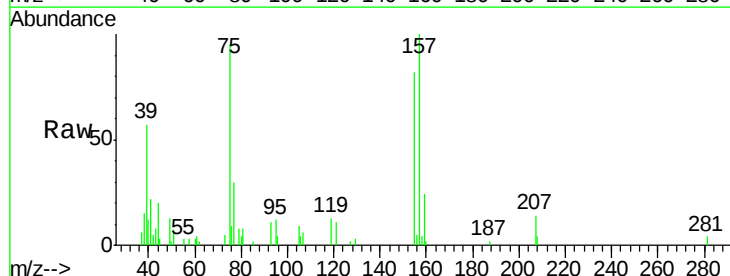
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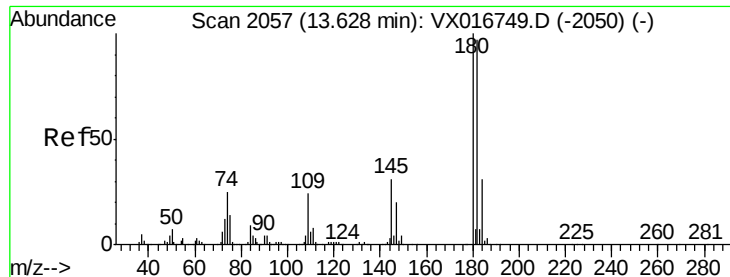
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.736 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	46.9	140.7
157	111.0	59.6	178.7





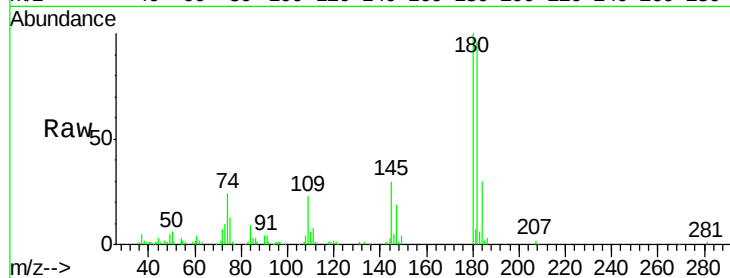
#93
 1,2,4-Trichlorobenzene
 Concen: 25.005 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

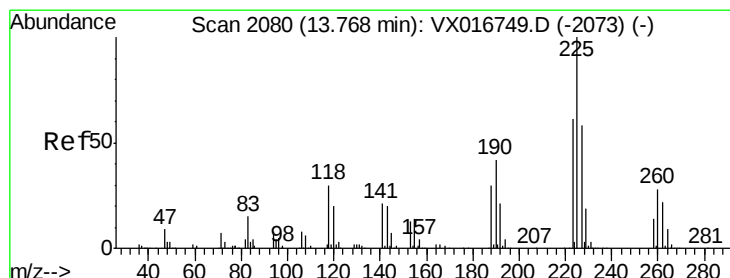
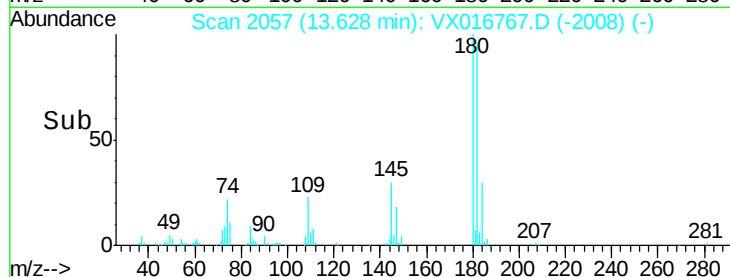
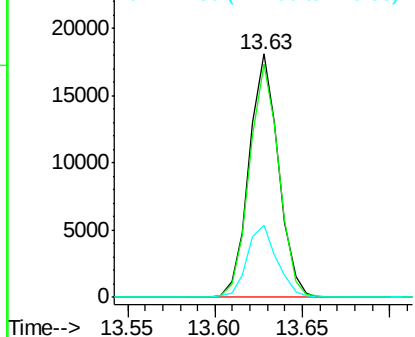
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.6	145.8
145	30.1	15.4	46.4

Manual Integrations
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MMDadoda
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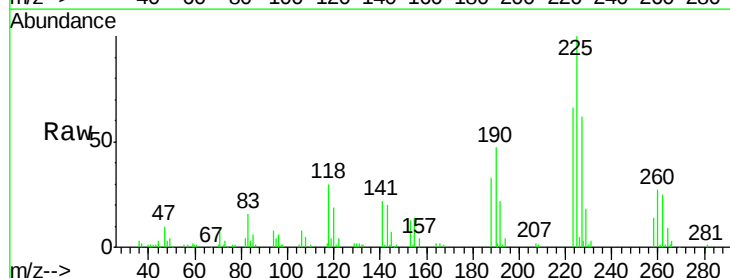


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

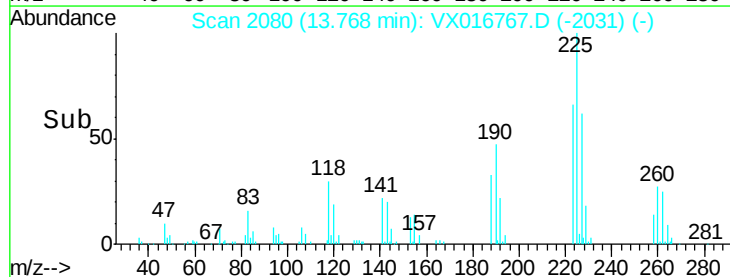
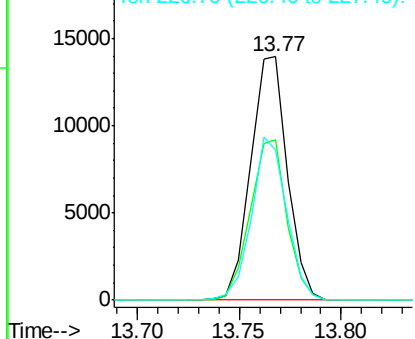


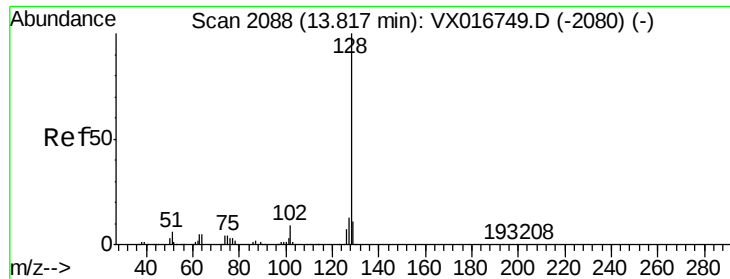
#94
 Hexachlorobutadiene
 Concen: 47.027 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016767.D
 Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.1	93.5
227	64.1	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





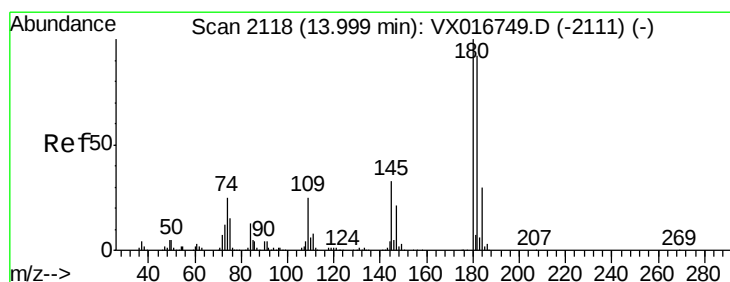
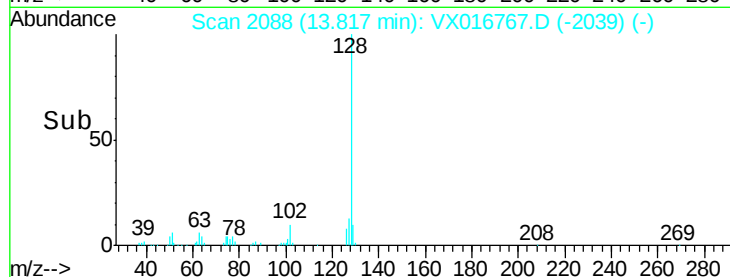
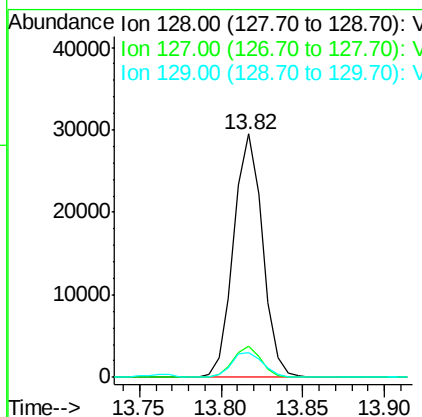
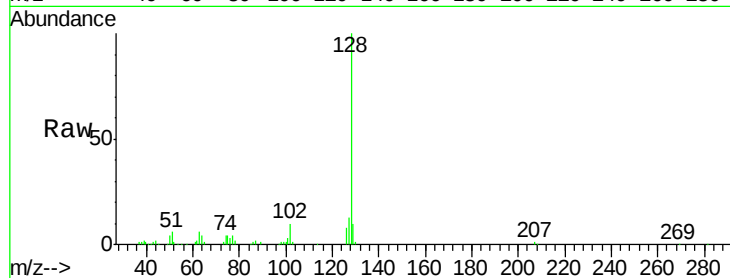
#95
Naphthalene
Concen: 13.749 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.623 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016767.D
Acq: 15 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.1	141.4
145	32.1	15.9	47.7

