

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015786.D
 Acq On : 21 Apr 2020 11:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:08 AM

Quant Time: Apr 21 16:26:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1009778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1475183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1340664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	755108	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	590672	41.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.94%	
35) Dibromofluoromethane	5.47	113	470307	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	
50) Toluene-d8	8.70	98	1746167	50.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.12	95	705469	50.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	401702	45.154	ug/l	99
3) Chloromethane	1.31	50	423289	37.362	ug/l	99
4) Vinyl Chloride	1.39	62	501550	48.212	ug/l	98
5) Bromomethane	1.62	94	147986	27.167	ug/l	99
6) Chloroethane	1.70	64	317845	49.264	ug/l	99
7) Trichlorofluoromethane	1.91	101	708994	50.820	ug/l	99
8) Diethyl Ether	2.17	74	289561	49.208	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	487340	53.584	ug/l	97
10) Methyl Iodide	2.49	142	347119	28.308	ug/l	98
11) Tert butyl alcohol	3.01	59	646809	189.744	ug/l	100
12) 1,1-Dichloroethene	2.36	96	462574	48.522	ug/l	97
13) Acrolein	2.27	56	404360	208.236	ug/l	99
14) Allyl chloride	2.70	41	1004041	45.074	ug/l	99
15) Acrylonitrile	3.11	53	1540580	236.978	ug/l	100
16) Acetone	2.42	43	2031493	332.019	ug/l	98
17) Carbon Disulfide	2.55	76	1246420	42.859	ug/l	99
18) Methyl Acetate	2.75	43	772548	49.470	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1780300	48.150	ug/l	99
20) Methylene Chloride	2.83	84	541430	47.375	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	506692	47.890	ug/l	97
22) Diisopropyl ether	3.83	45	1941897	49.197	ug/l	93
23) Vinyl Acetate	3.78	43	8398907	235.012	ug/l	100
24) 1,1-Dichloroethane	3.67	63	994499	47.853	ug/l	99
25) 2-Butanone	4.64	43	2521556	256.255	ug/l	99
26) 2,2-Dichloropropane	4.55	77	888159	52.065	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	613183	50.094	ug/l	98
28) Bromochloromethane	4.98	49	422696	42.599	ug/l	94
29) Tetrahydrofuran	5.09	42	1412293	223.256	ug/l	98
30) Chloroform	5.18	83	974604	48.743	ug/l	94
31) Cyclohexane	5.55	56	859729	47.686	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	865266	47.817	ug/l	99
36) 1,1-Dichloropropene	5.77	75	730515	53.745	ug/l	99
37) Ethyl Acetate	4.80	43	865357	48.896	ug/l	99
38) Carbon Tetrachloride	5.76	117	765499	51.998	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	854429	54.520	ug/l	97
40) Benzene	6.12	78	2138994	53.723	ug/l	97
41) Methacrylonitrile	5.00	41	510135	51.925	ug/l	98
42) 1,2-Dichloroethane	6.16	62	806461	50.426	ug/l	97
43) Isopropyl Acetate	6.41	43	1490157	49.878	ug/l	98
44) Trichloroethene	7.19	130	615610	56.693	ug/l	90
45) 1,2-Dichloropropane	7.49	63	585356	53.742	ug/l	97
46) Dibromomethane	7.64	93	380978	53.322	ug/l	95
47) Bromodichloromethane	7.87	83	799780	52.533	ug/l	98
48) Methyl methacrylate	7.75	41	744133	49.866	ug/l	96
49) 1,4-Dioxane	7.72	88	247565	889.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4388642	259.202	ug/l	99
52) Toluene	8.77	92	1380891	56.255	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	920493	51.553	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	966451	53.136	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	559551	55.638	ug/l	99
56) Ethyl methacrylate	9.16	69	936991	52.865	ug/l	95
57) 1,3-Dichloropropane	9.36	76	966495	53.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1754413	203.501	ug/l	99
59) 2-Hexanone	9.47	43	3479279	272.184	ug/l	98
60) Dibromochloromethane	9.57	129	662868	54.851	ug/l	100
61) 1,2-Dibromoethane	9.65	107	592628	54.193	ug/l	99
64) Tetrachloroethene	9.32	164	538758	53.249	ug/l	94
65) Chlorobenzene	10.12	112	1546625	57.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	603580	56.507	ug/l	99
67) Ethyl Benzene	10.24	91	2696500	56.864	ug/l	97
68) m/p-Xylenes	10.34	106	2037430	115.384	ug/l	97
69) o-Xylene	10.68	106	995039	57.026	ug/l	98
70) Styrene	10.70	104	1759168	57.294	ug/l	98
71) Bromoform	10.84	173	518417	53.314	ug/l #	98
73) Isopropylbenzene	11.00	105	2681074	54.189	ug/l	100
74) N-amyl acetate	10.88	43	1299953	47.241	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	872805	51.411	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	781944m	50.356	ug/l	
77) Bromobenzene	11.24	156	721739	54.689	ug/l	94
78) n-propylbenzene	11.35	91	3051674	53.941	ug/l	99
79) 2-Chlorotoluene	11.41	91	1833342	52.871	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	2278687	53.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	305653	47.230	ug/l	96
82) 4-Chlorotoluene	11.50	91	2157382	53.071	ug/l	99
83) tert-Butylbenzene	11.76	119	2269872	54.996	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2325739	54.013	ug/l	99
85) sec-Butylbenzene	11.93	105	2645342	55.418	ug/l	100
86) p-Isopropyltoluene	12.05	119	2507142	56.577	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1325659	56.111	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1352371	56.197	ug/l	99
89) n-Butylbenzene	12.37	91	2217452	55.373	ug/l	98
90) Hexachloroethane	12.58	117	428921	49.729	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1248485	53.998	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	203052	42.376	ug/l	89

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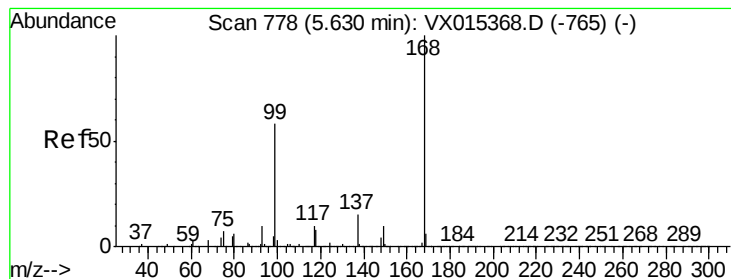
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1083832	59.263	ug/l	96
94) Hexachlorobutadiene	13.77	225	452477	51.965	ug/l	97
95) Naphthalene	13.82	128	2947659	52.839	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1025052	58.215	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 1009778

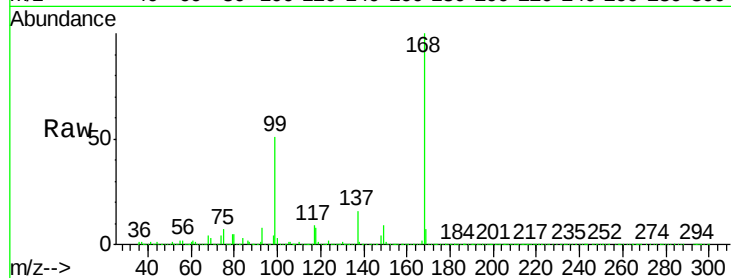
Ion Ratio Lower Upper

168 100

99 50.4 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

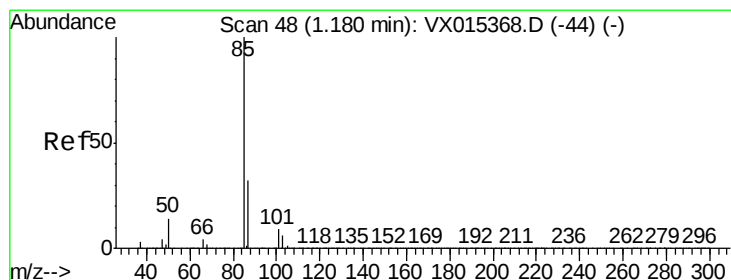
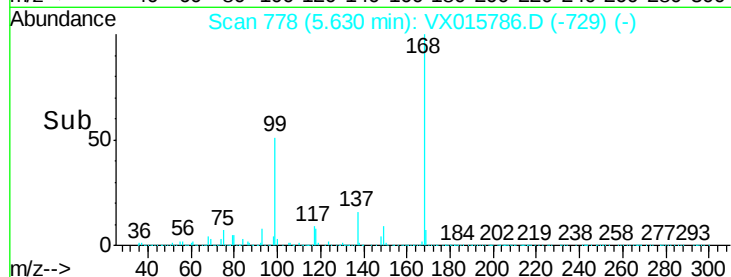
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.154 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015786.D

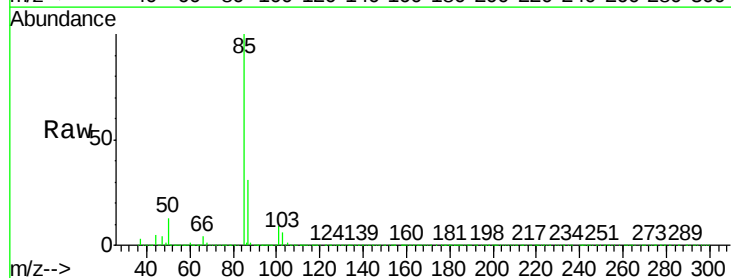
Acq: 21 Apr 2020 11:44

Tgt Ion: 85 Resp: 401702

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

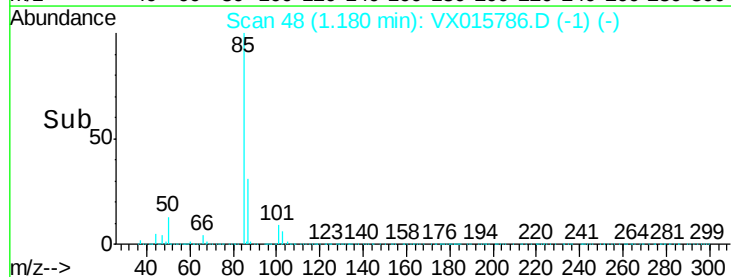
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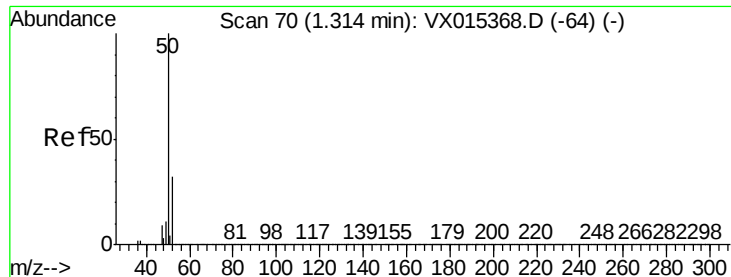
200000

100000

0

Time-->





#3

Chloromethane

Concen: 37.362 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 423289

Ion Ratio Lower Upper

50 100

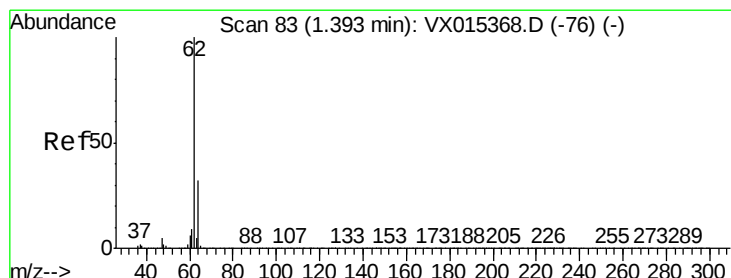
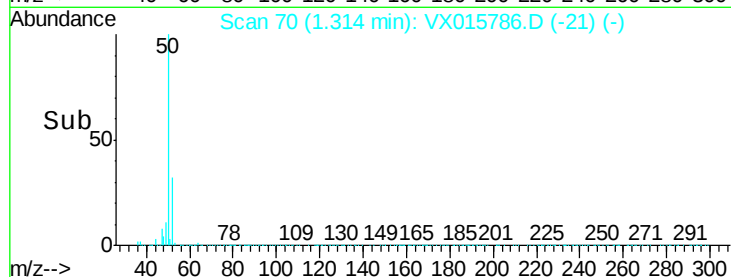
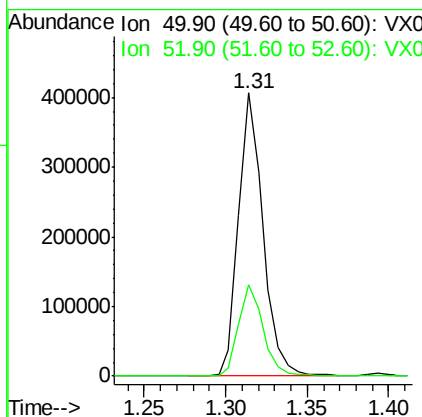
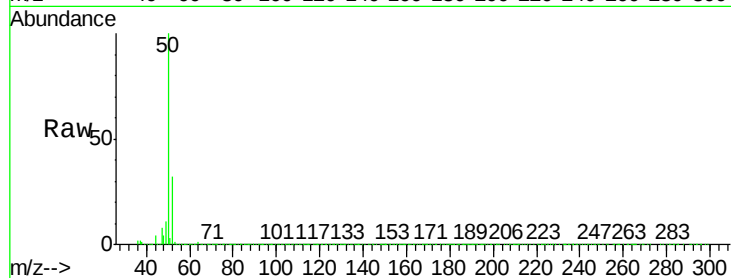
52 32.2 25.3 37.9

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#4

Vinyl Chloride

Concen: 48.212 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015786.D

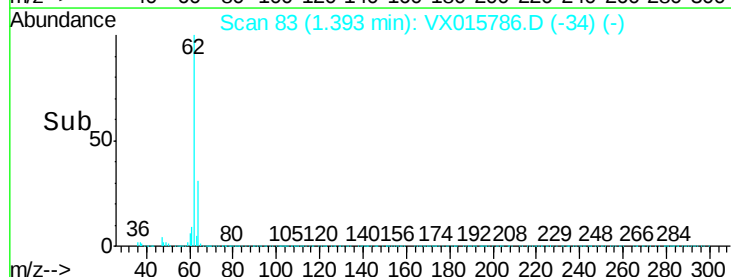
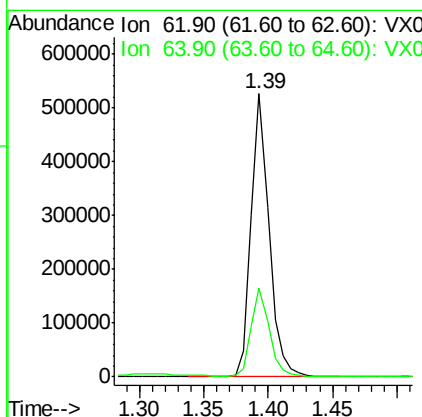
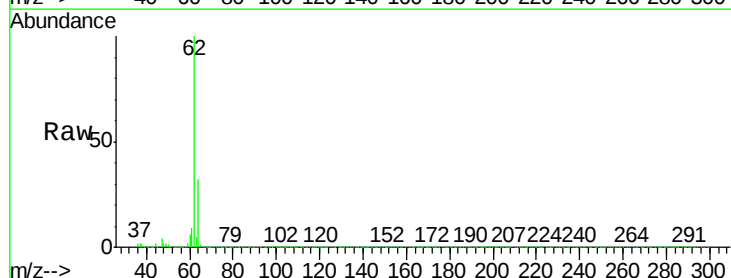
Acq: 21 Apr 2020 11:44

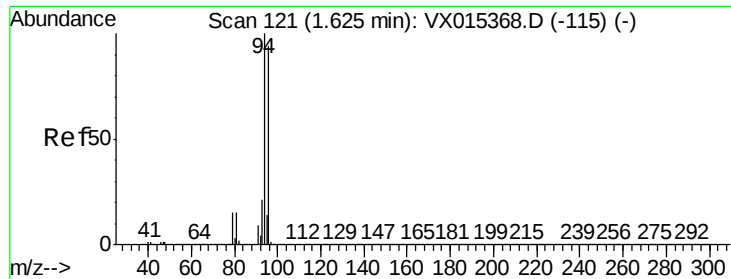
Tgt Ion: 62 Resp: 501550

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 27.167 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 147986

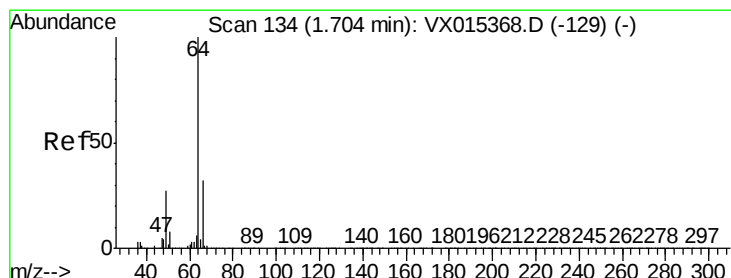
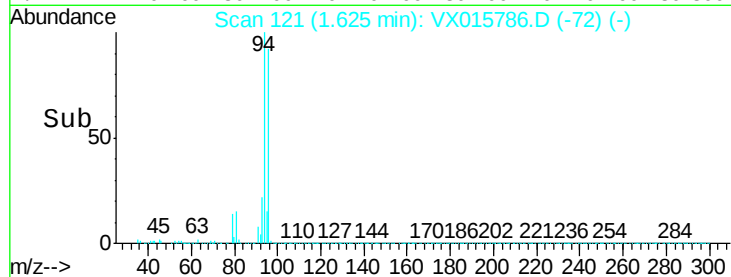
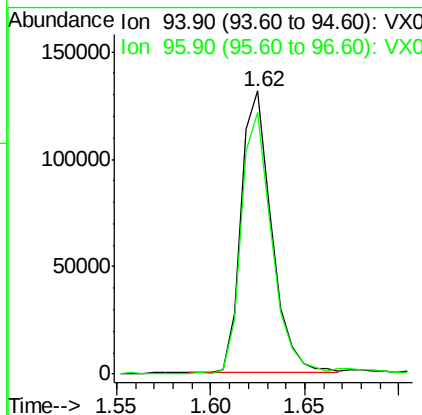
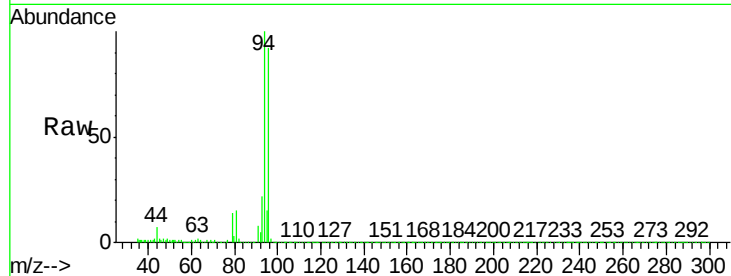
Ion Ratio Lower Upper

94 100

96 92.3 74.8 112.2

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#6

Chloroethane

Concen: 49.264 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015786.D

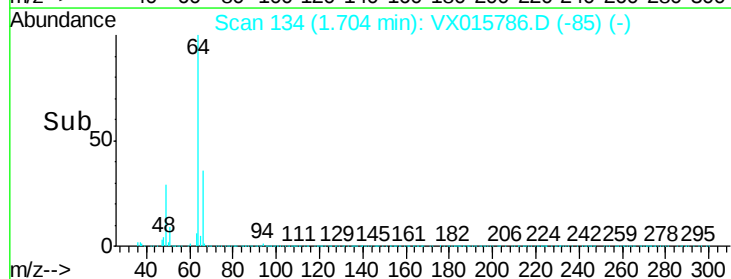
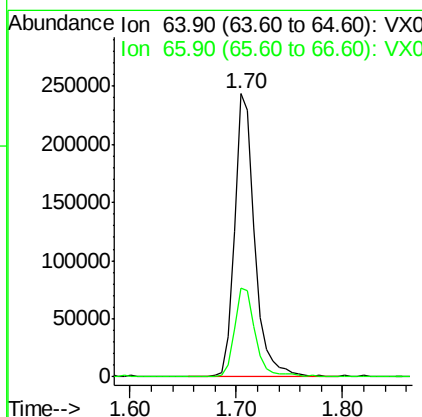
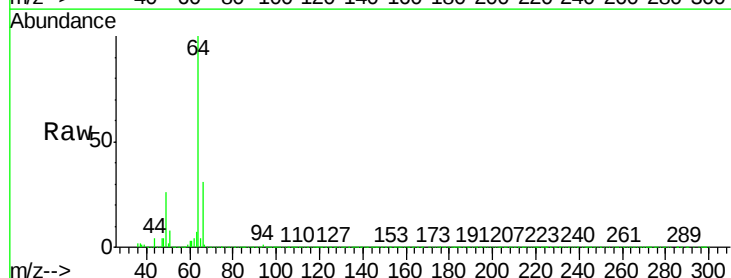
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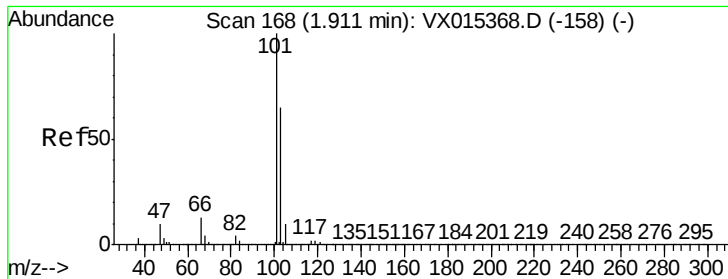
Tgt Ion: 64 Resp: 317845

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2





#7

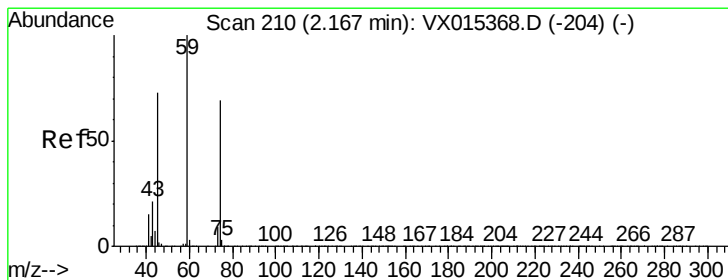
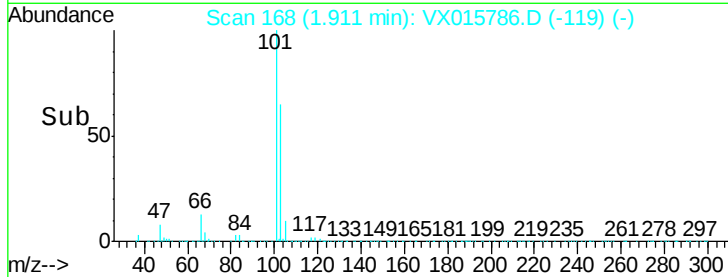
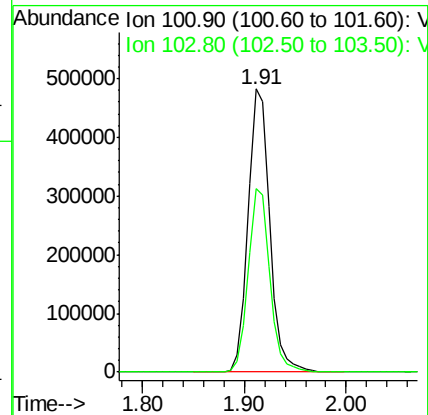
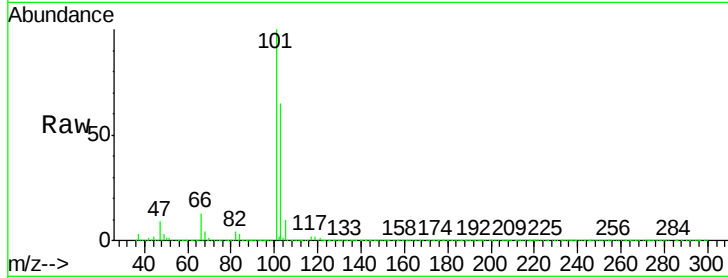
Trichlorofluoromethane
Concen: 50.820 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015786.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.3	78.5

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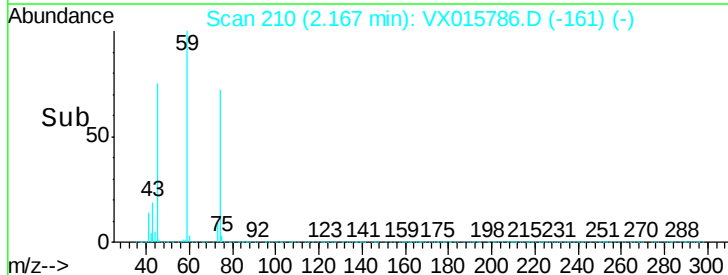
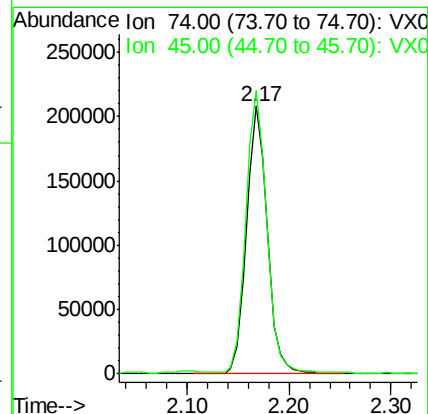
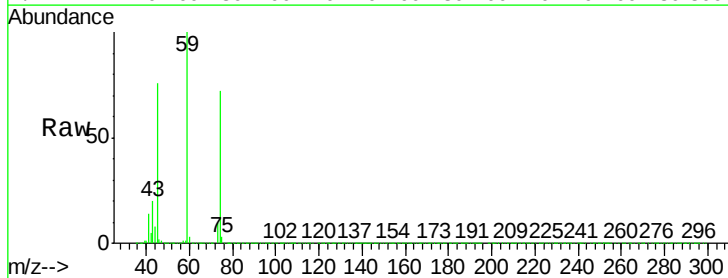
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#8

Diethyl Ether
Concen: 49.208 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015786.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.584 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

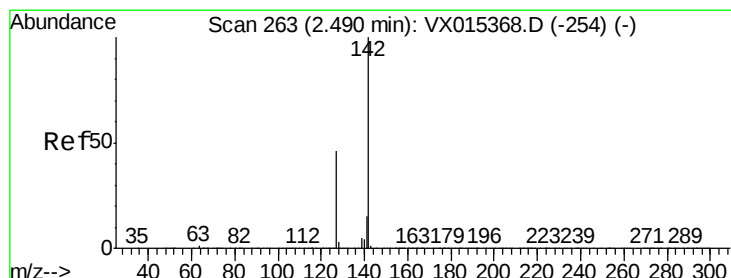
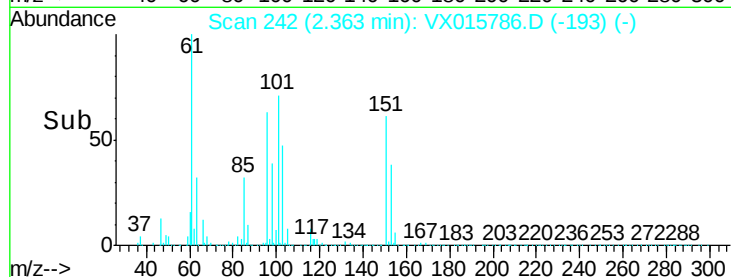
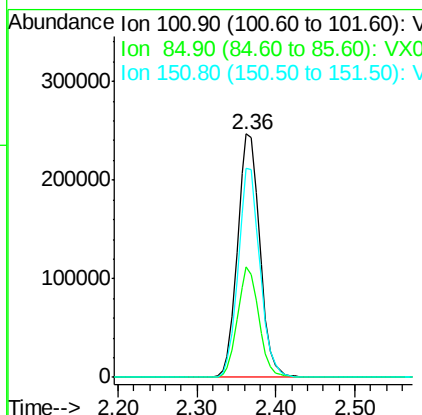
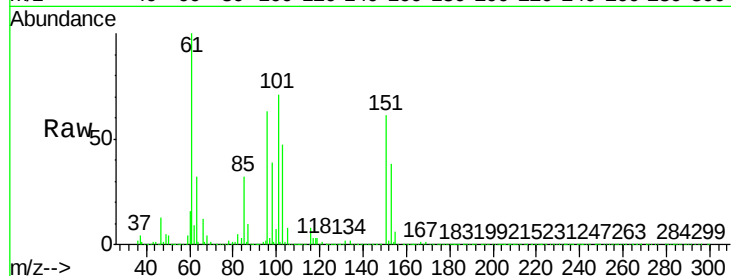
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	487340
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.0	52.4
151	83.8	64.1	96.1

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#10

Methyl Iodide

Concen: 28.308 ug/l

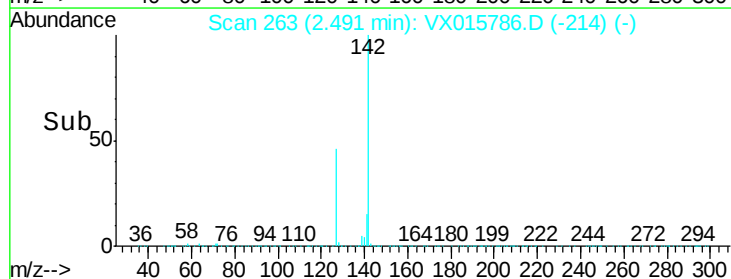
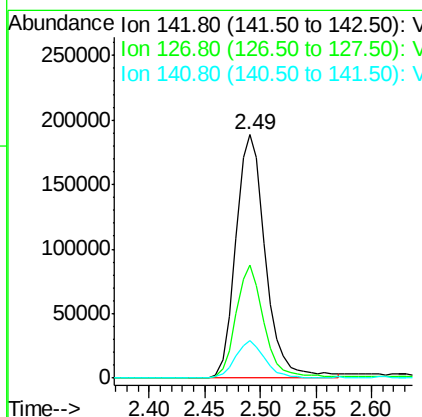
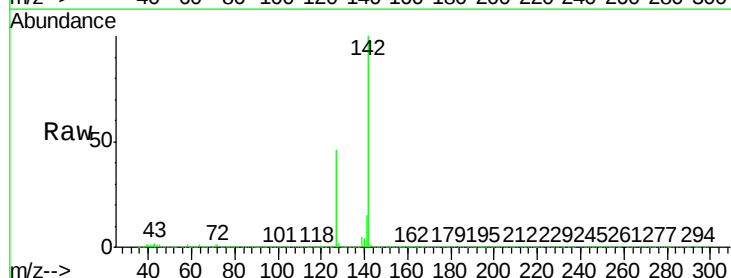
RT: 2.49 min Scan# 263

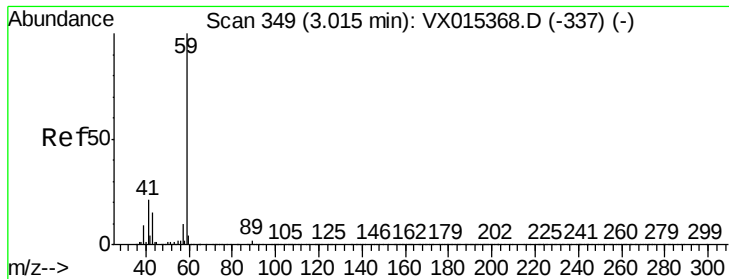
Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion:	142	Resp:	347119
Ion Ratio	Lower	Upper	
142	100		
127	43.5	35.9	53.9
141	15.1	11.6	17.4





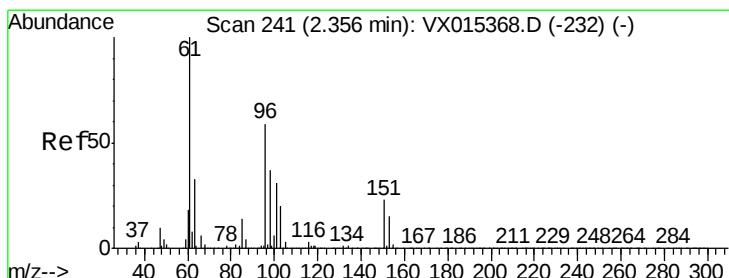
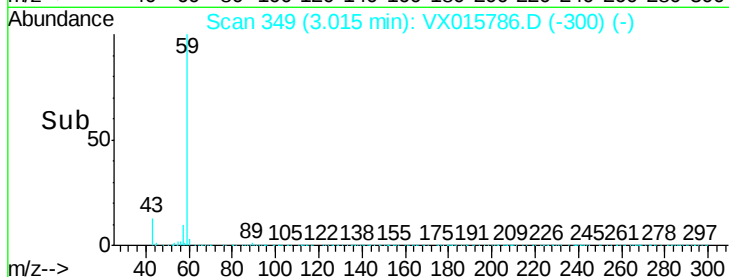
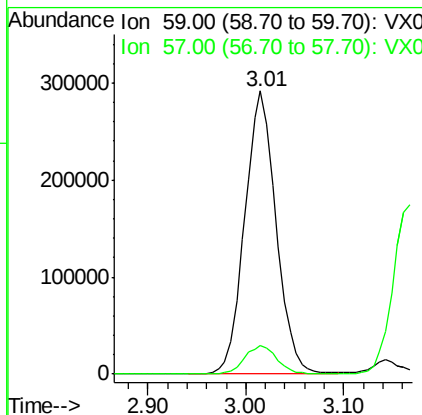
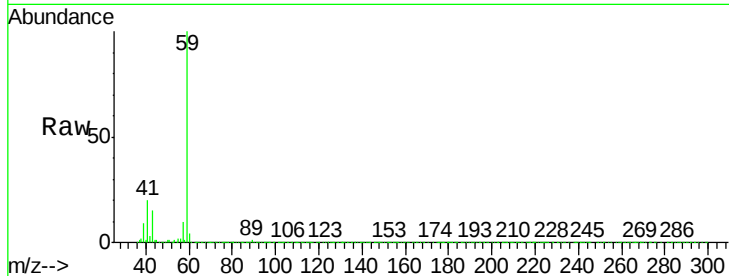
#11
Tert butyl alcohol
Concen: 189.744 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

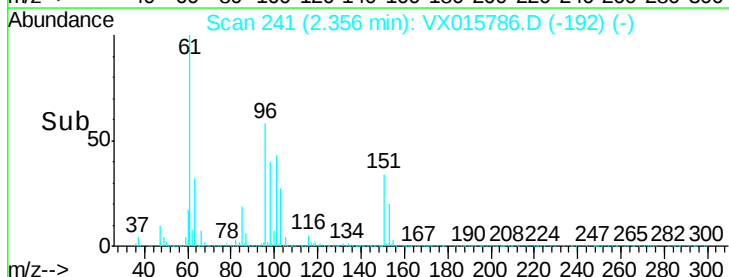
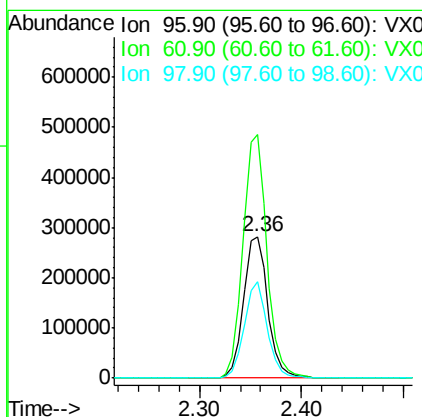
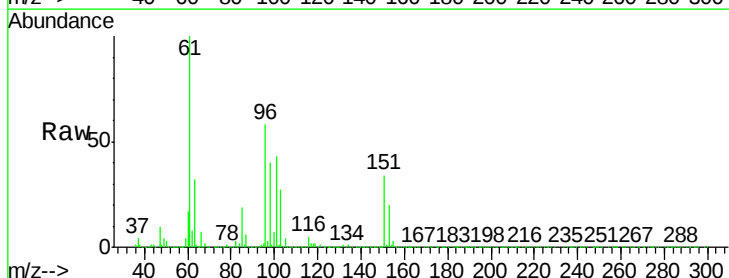
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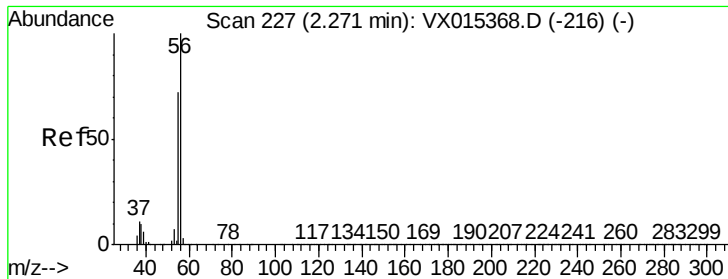
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#12
1,1-Dichloroethene
Concen: 48.522 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.9	135.7	203.5
98	68.1	50.6	75.8





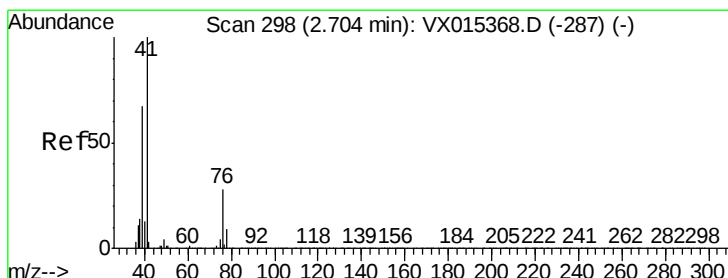
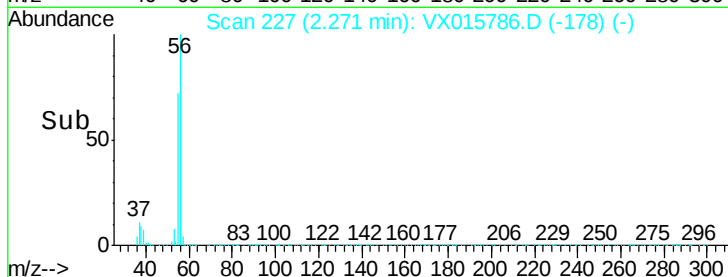
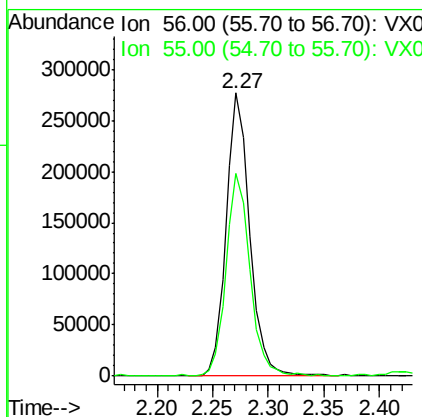
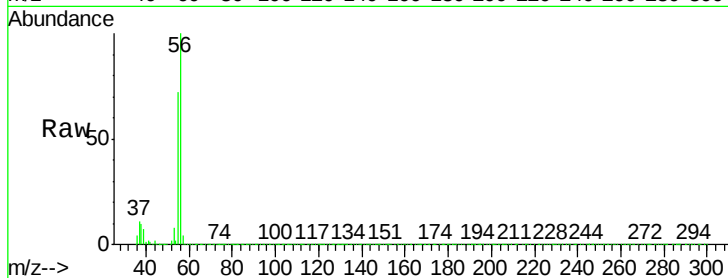
#13
Acrolein
Concen: 208.236 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	57.0	85.4

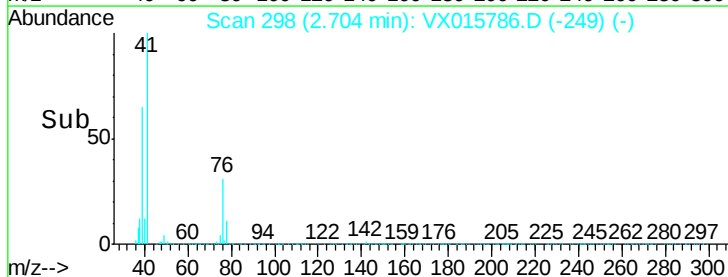
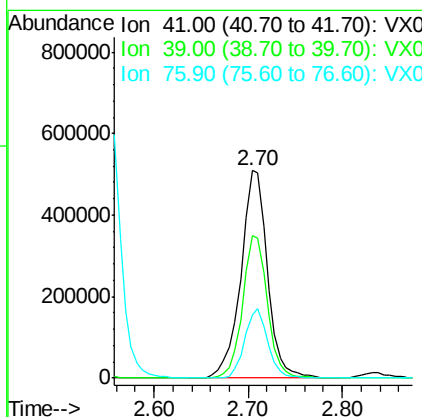
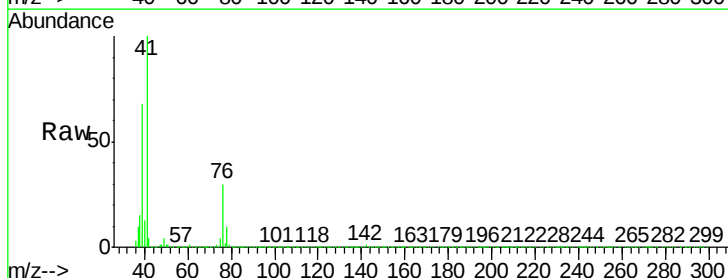
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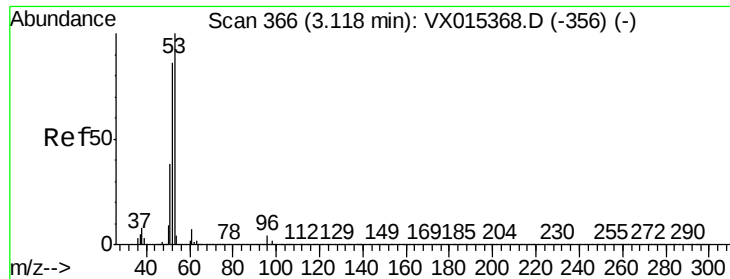
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#14
Allyl chloride
Concen: 45.074 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.4	77.0
76	29.0	21.8	32.8





#15

Acrylonitrile

Concen: 236.978 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1540580

Ion Ratio Lower Upper

53 100

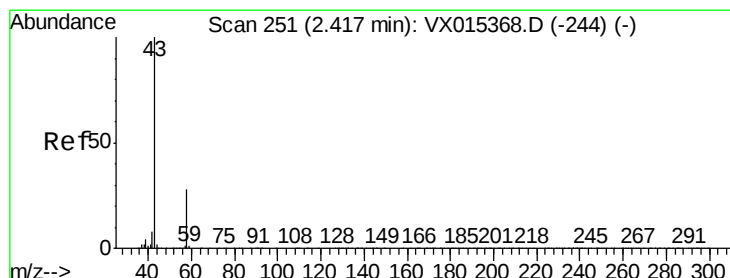
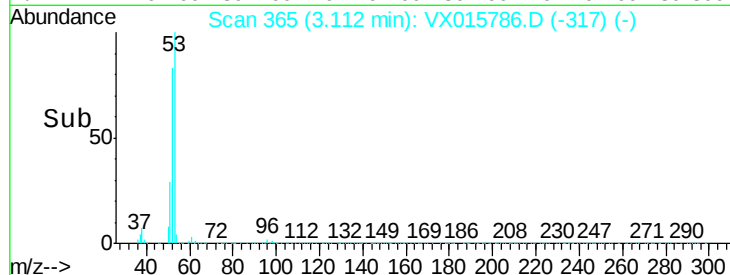
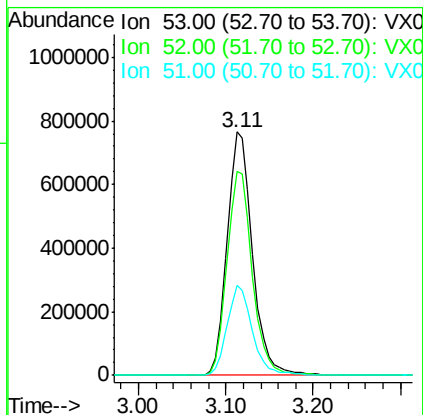
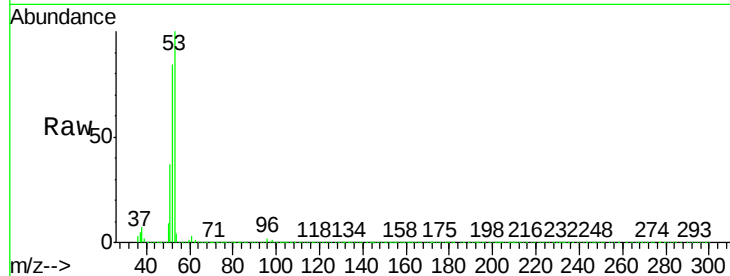
52 83.4 66.8 100.2

51 36.7 29.5 44.3

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#16

Acetone

Concen: 332.019 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015786.D

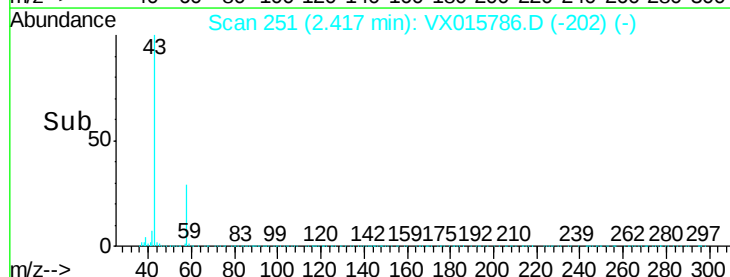
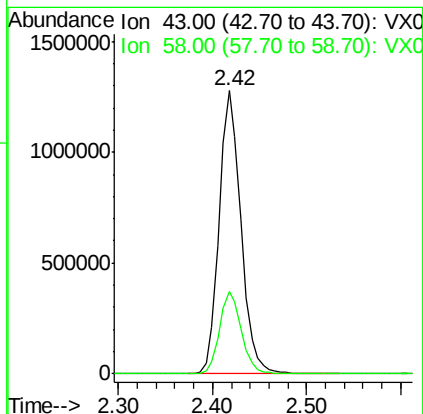
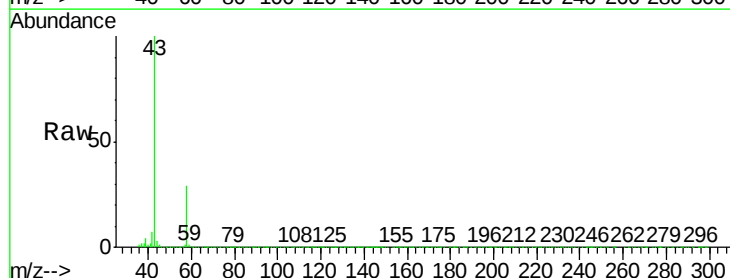
Acq: 21 Apr 2020 11:44

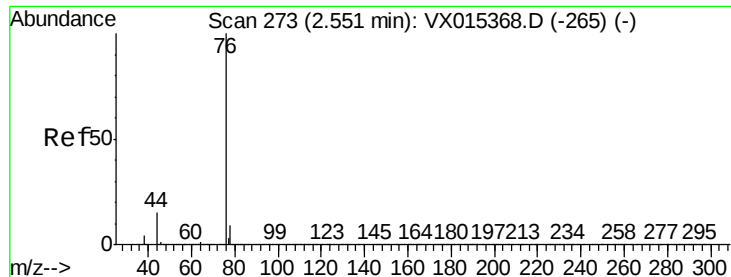
Tgt Ion: 43 Resp: 2031493

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1





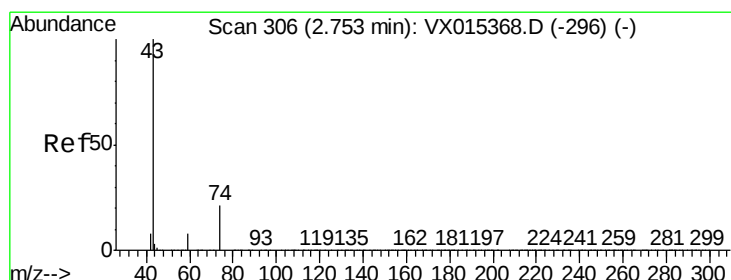
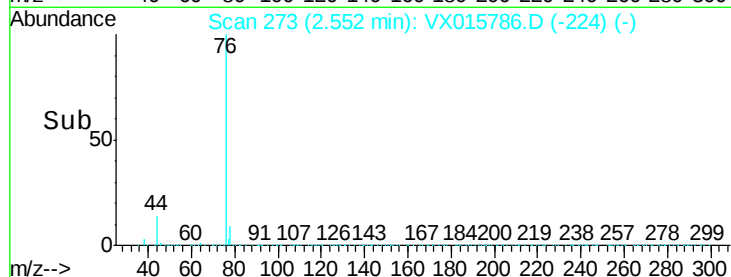
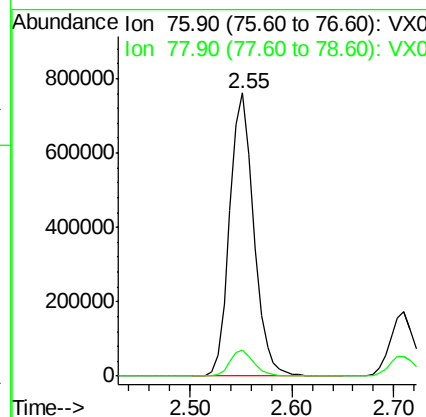
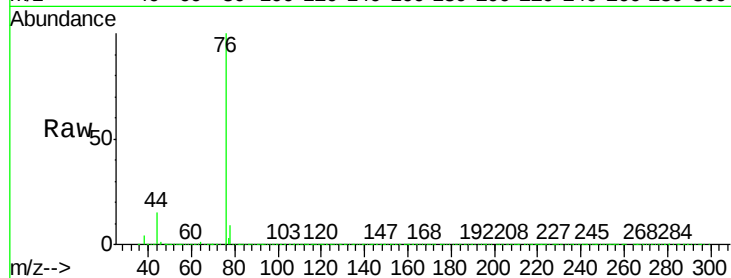
#17
Carbon Disulfide
Concen: 42.859 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

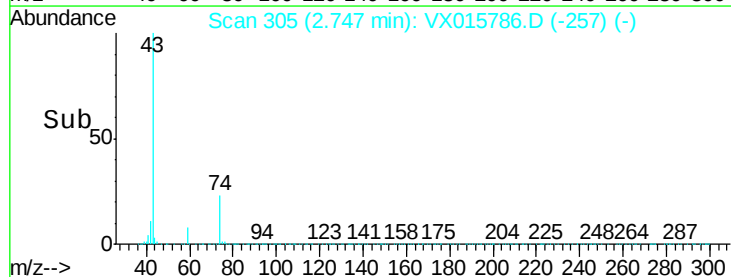
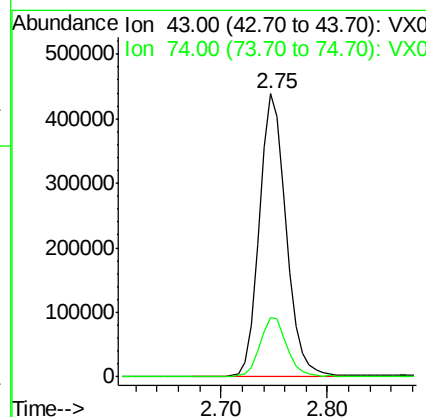
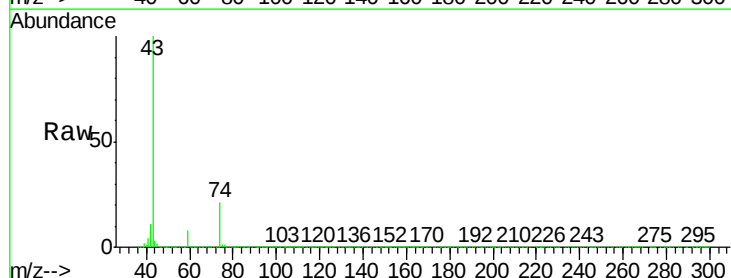
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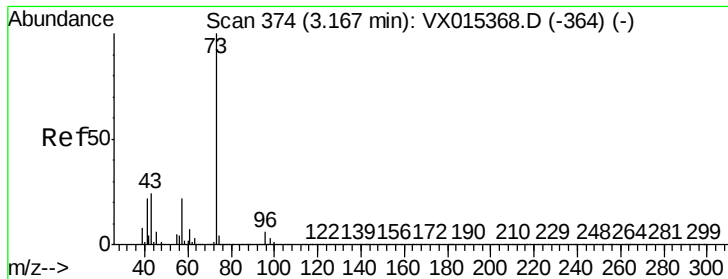
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#18
Methyl Acetate
Concen: 49.470 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.5	24.7





#19

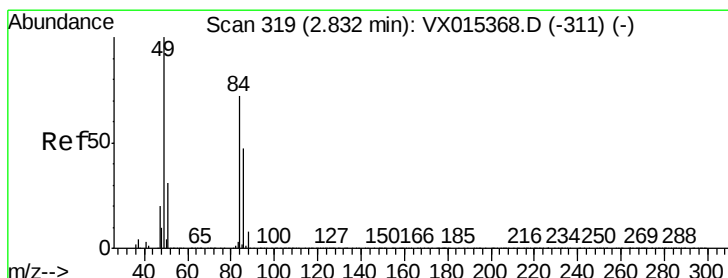
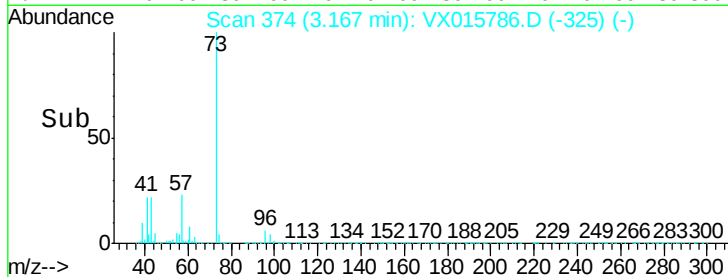
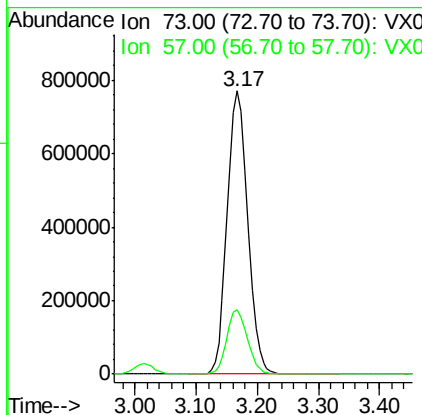
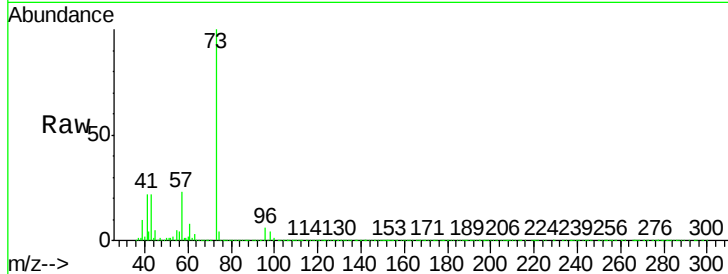
Methyl tert-butyl Ether
Concen: 48.150 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1780300
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

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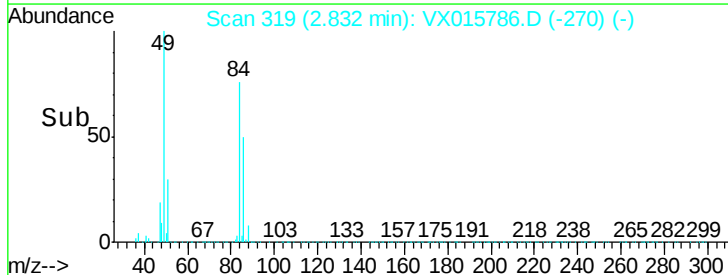
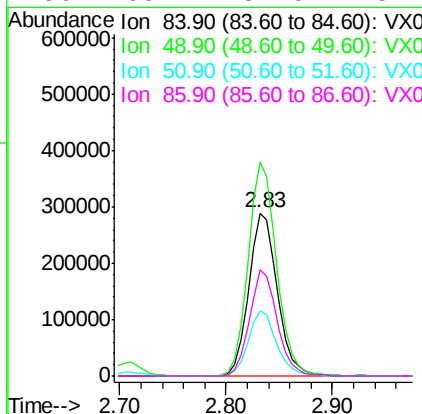
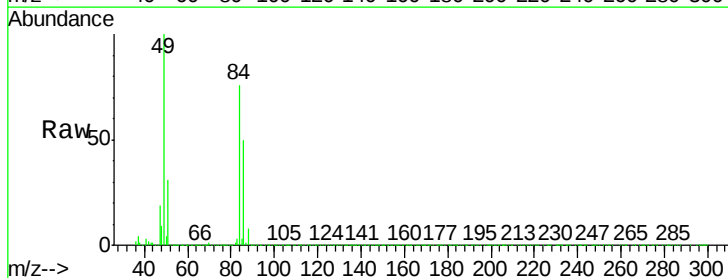
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#20

Methylene Chloride
Concen: 47.375 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 84 Resp: 541430
Ion Ratio Lower Upper
84 100
49 130.9 111.3 166.9
51 39.9 34.0 51.0
86 65.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.890 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

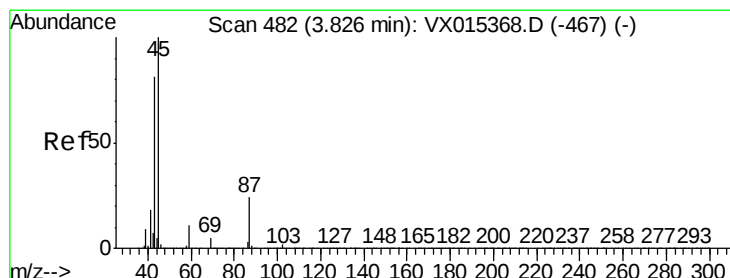
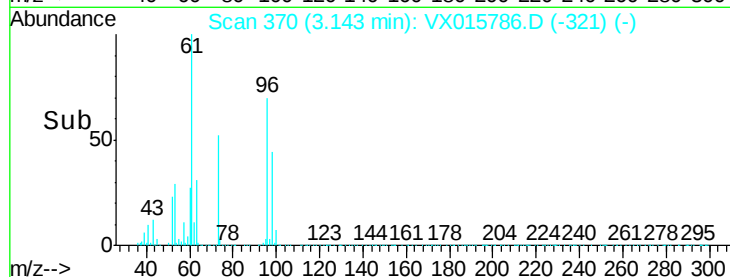
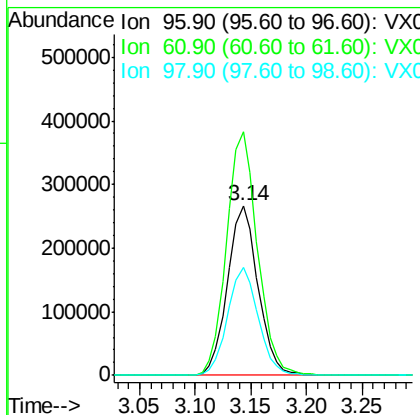
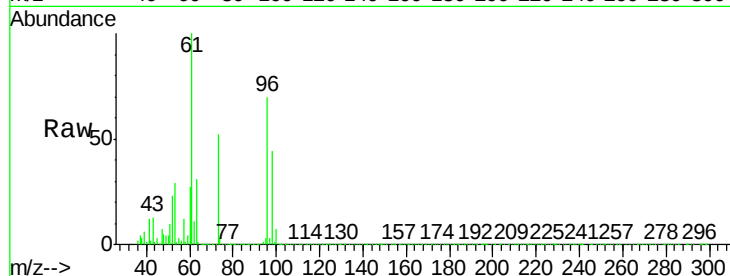
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	506692
Ion Ratio	Lower	Upper	
96	100		
61	143.5	116.9	175.3
98	63.5	48.6	73.0

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#22

Diisopropyl ether

Concen: 49.197 ug/l

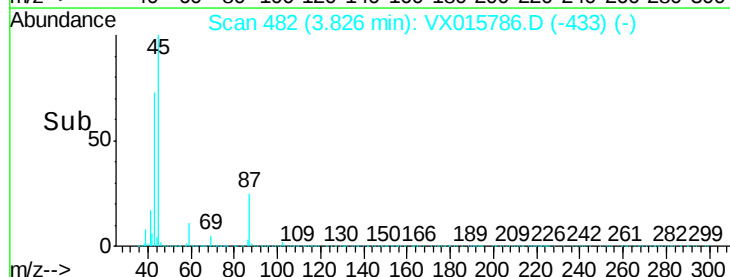
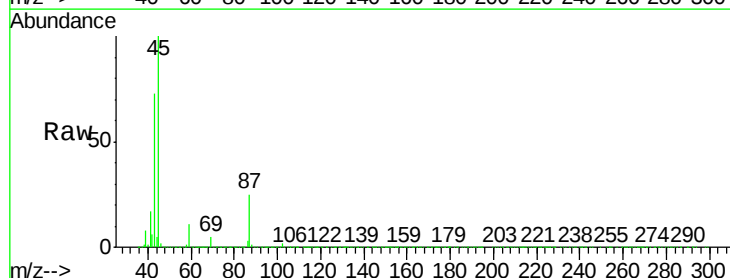
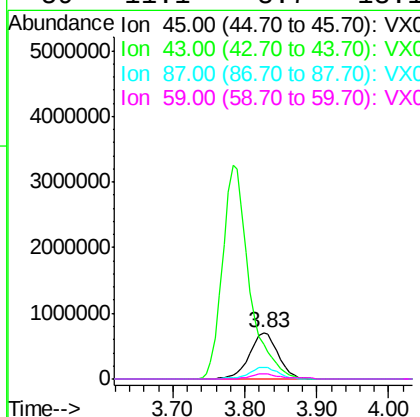
RT: 3.83 min Scan# 482

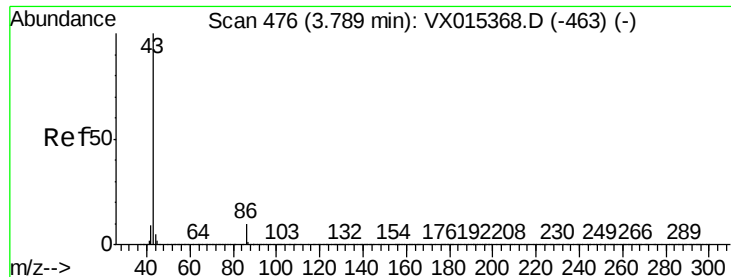
Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion:	45	Resp:	1941897
Ion Ratio	Lower	Upper	
45	100		
43	73.2	64.7	97.1
87	25.4	19.4	29.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 235.012 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 8398907

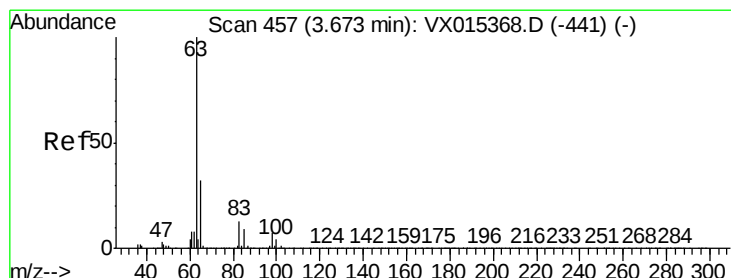
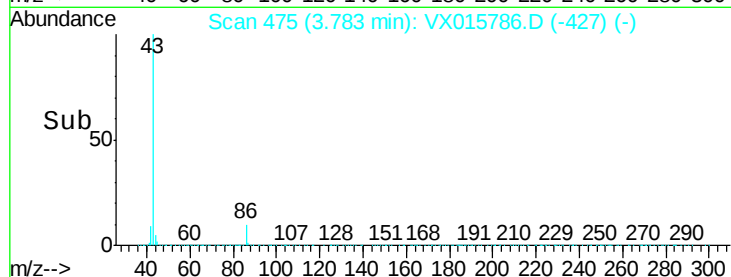
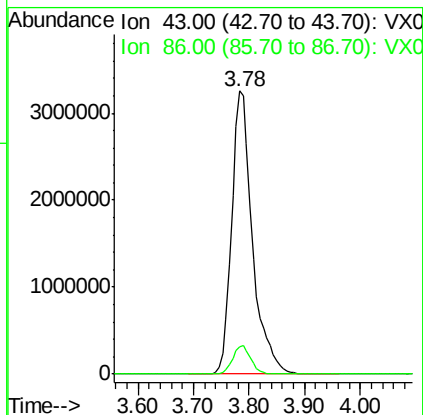
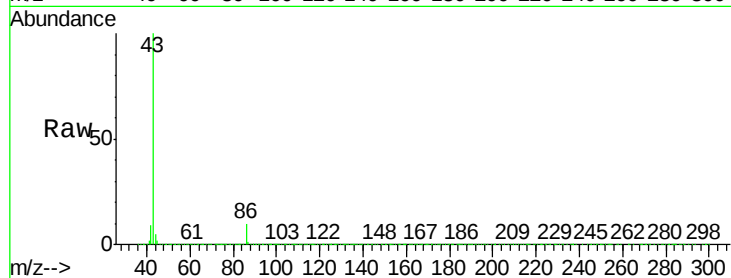
Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 47.853 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

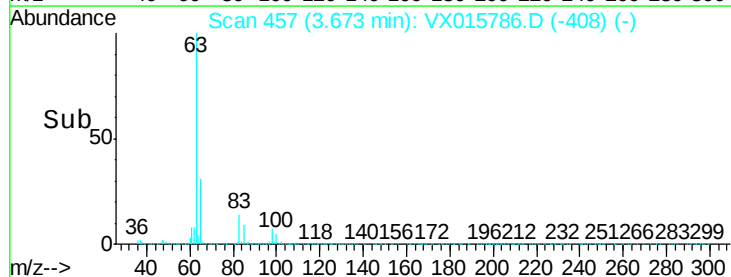
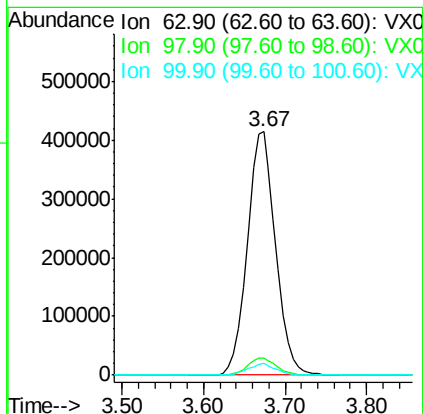
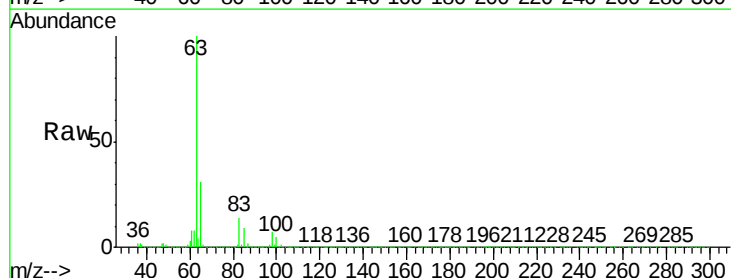
Tgt Ion: 63 Resp: 994499

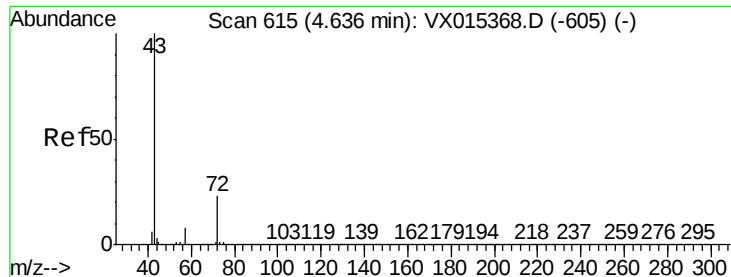
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 256.255 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tot Ion: 43 Resp: 2521556

Ion Ratio Lower Upper

43 100

72 24.1 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

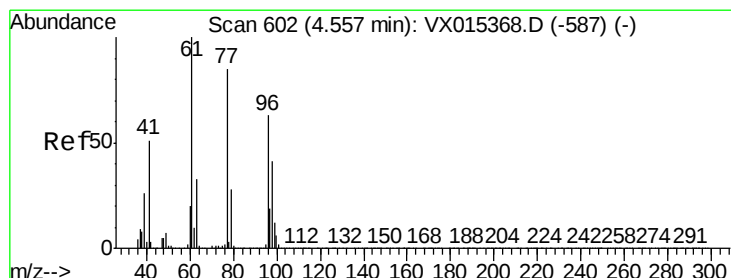
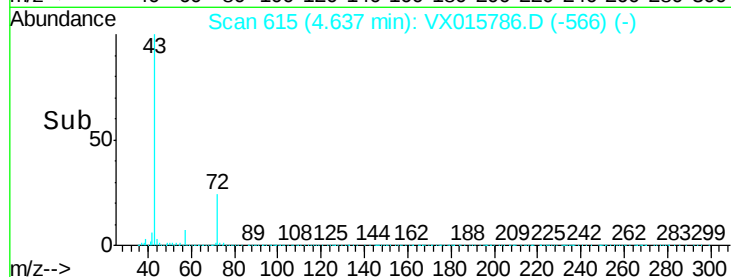
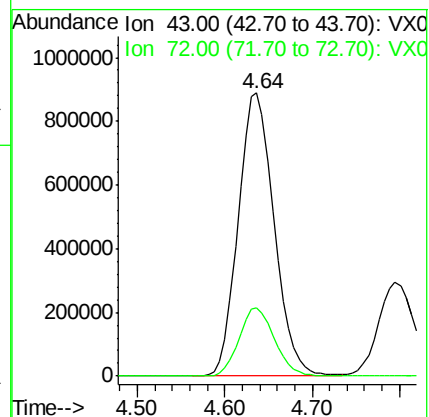
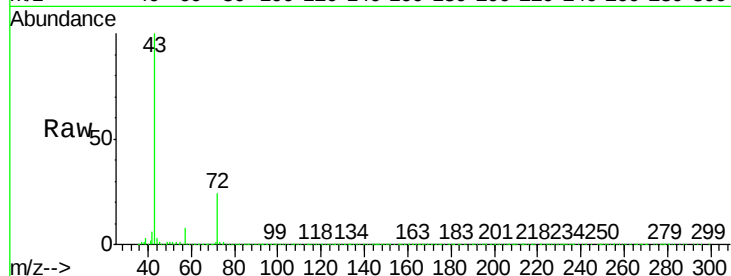
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 52.065 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015786.D

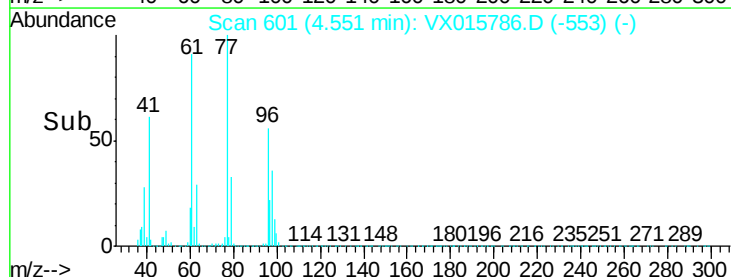
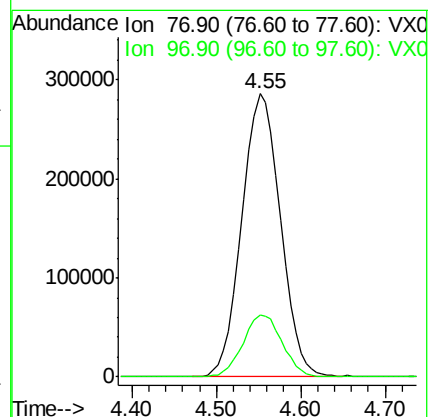
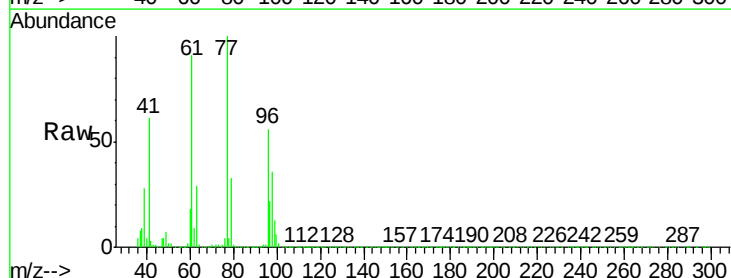
Acq: 21 Apr 2020 11:44

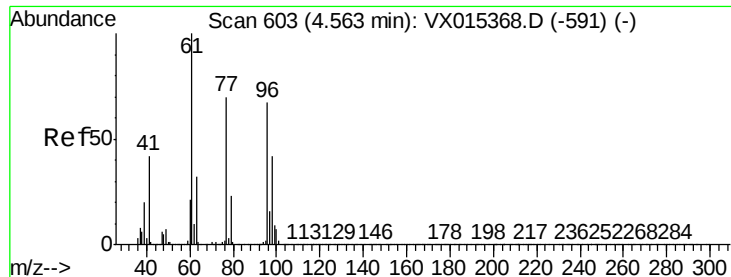
Tgt Ion: 77 Resp: 888159

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

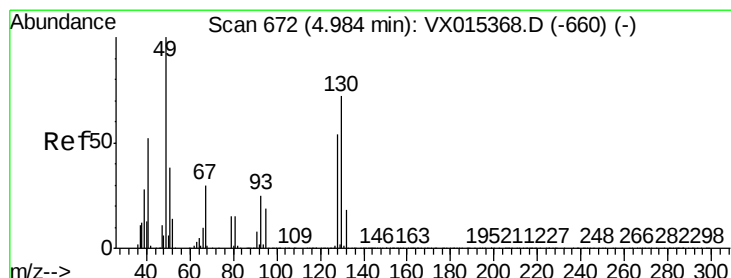
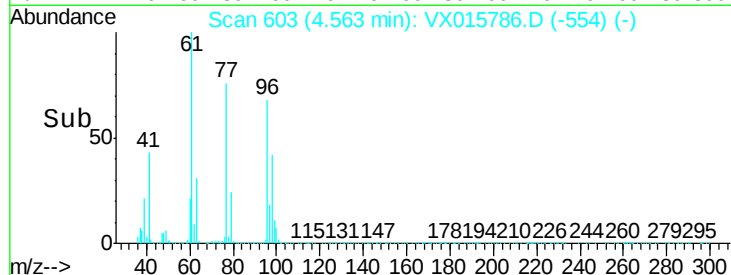
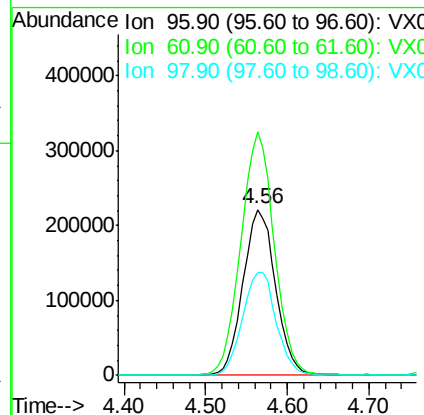
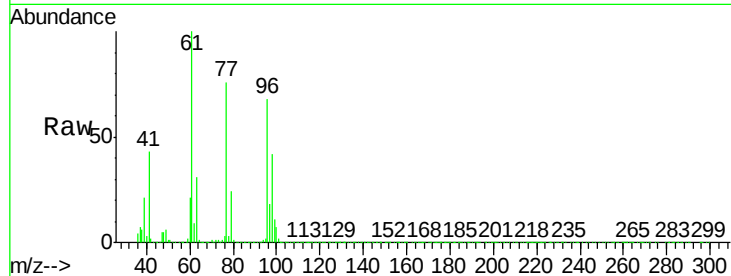
cis-1,2-Dichloroethene
Concen: 50.094 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	613183		
61	150.4	0.0	308.4	
98	64.0	0.0	129.2	

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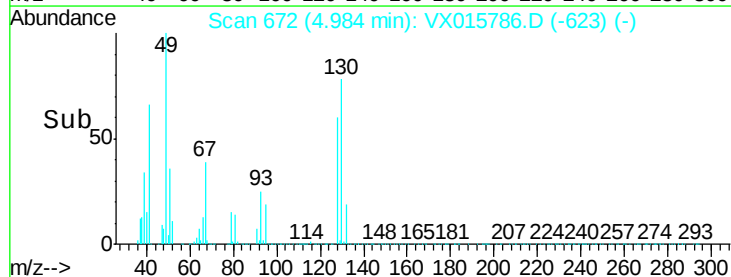
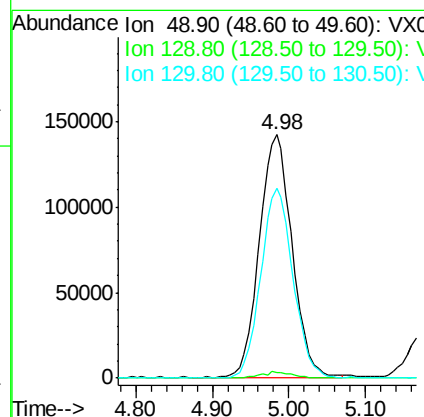
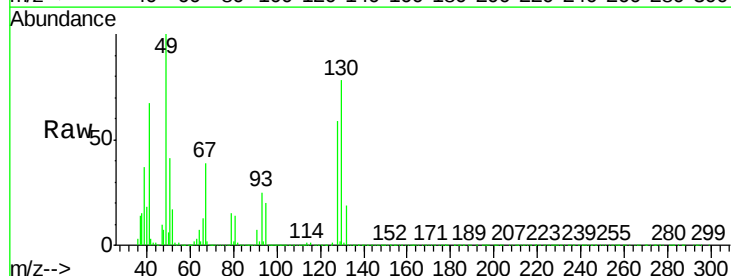
MMDadoda
4/22/2020 10:02:08 AM

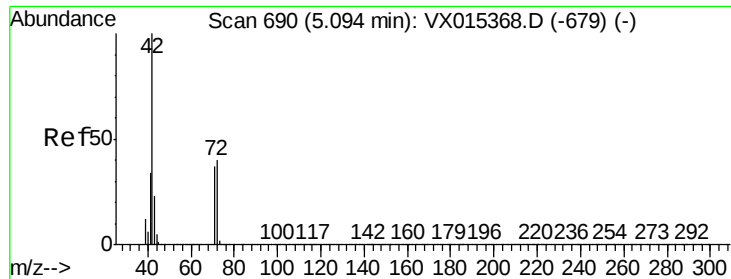


#28

Bromochloromethane
Concen: 42.599 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	422696		
129	2.4	0.0	4.4	
130	77.0	57.7	86.5	





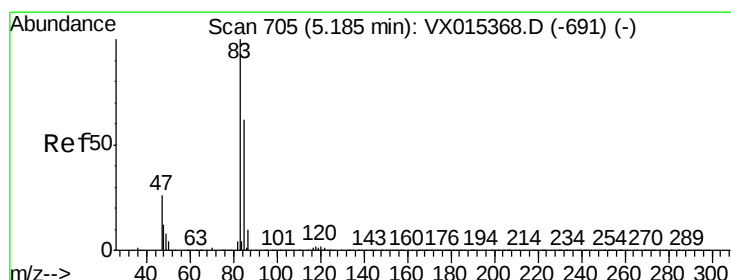
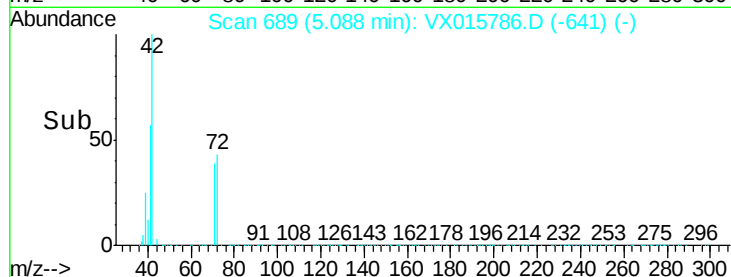
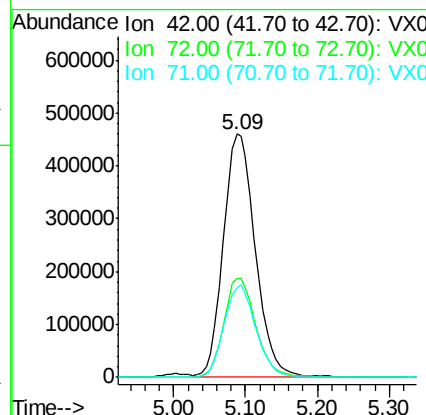
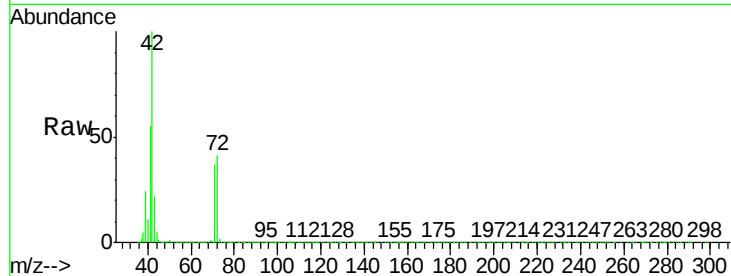
#29
Tetrahydrofuran
Concen: 223.256 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	31.7	47.5
71	37.8	29.6	44.4

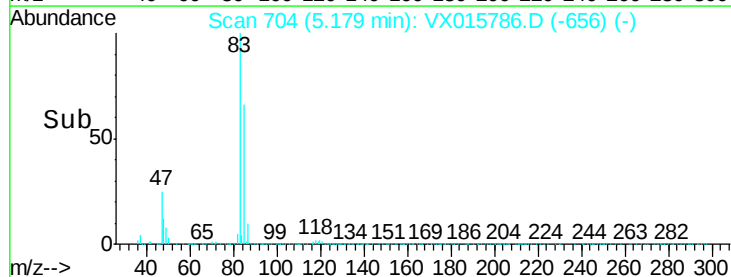
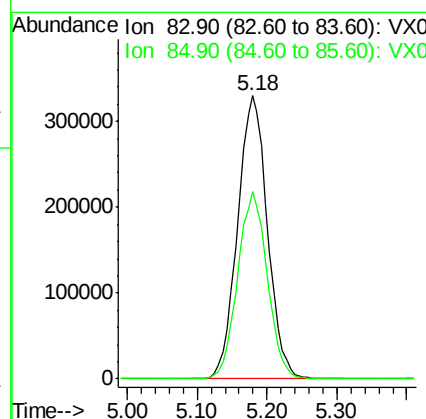
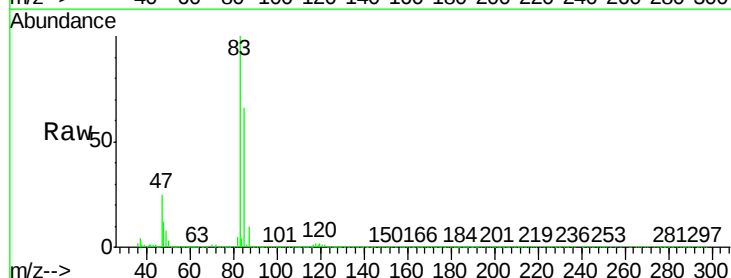
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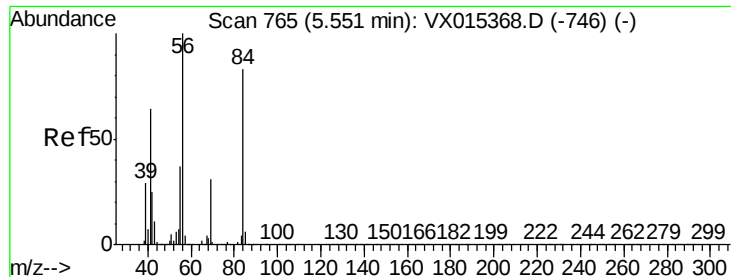
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#30
Chloroform
Concen: 48.743 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.5	74.3





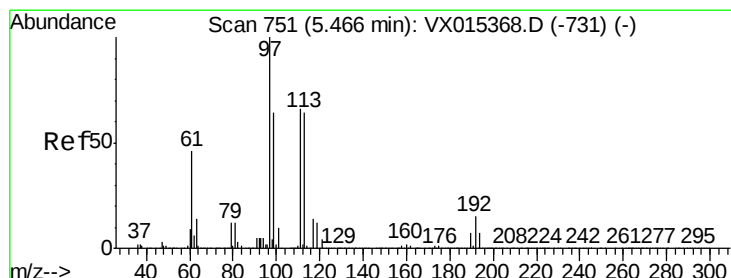
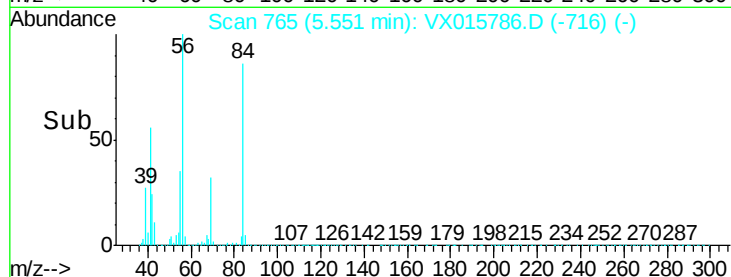
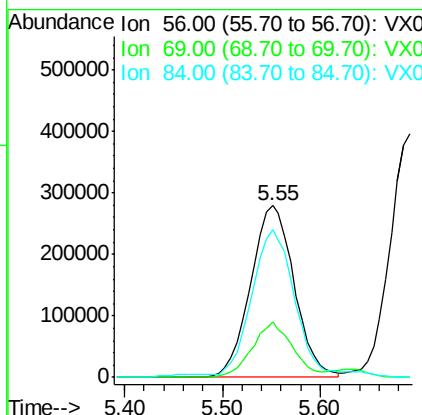
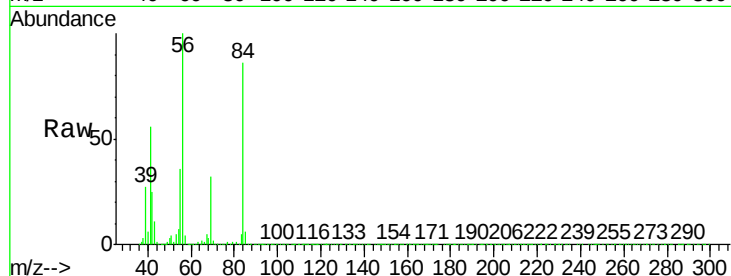
#31
Cyclohexane
Concen: 47.686 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.6	36.8
84	84.3	66.1	99.1

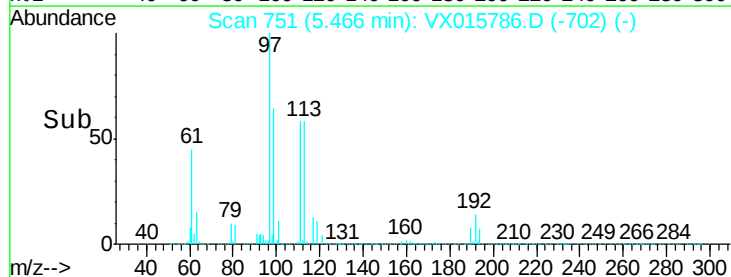
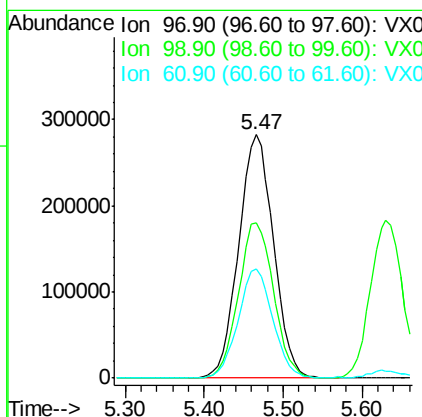
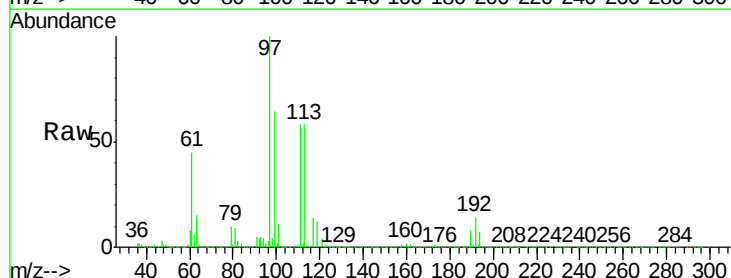
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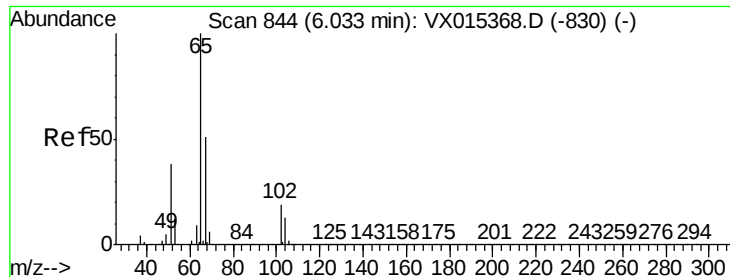
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#32
1,1,1-Trichloroethane
Concen: 47.817 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	44.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 41.475 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 590672

Ion Ratio Lower Upper

65 100

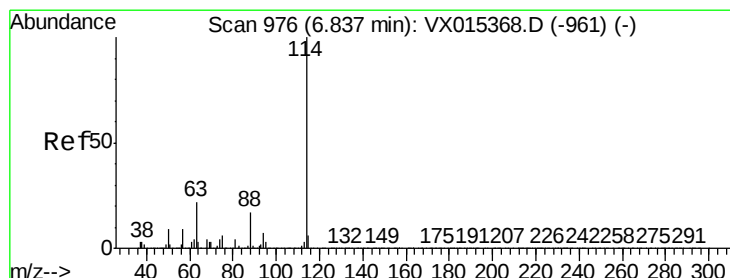
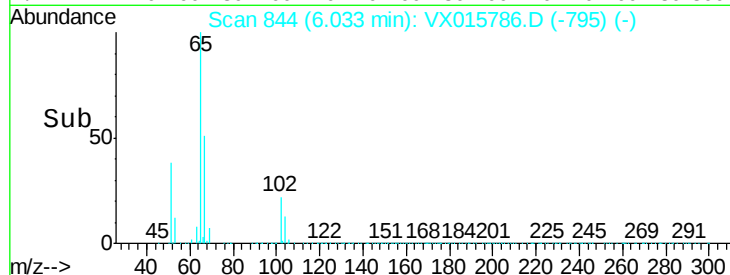
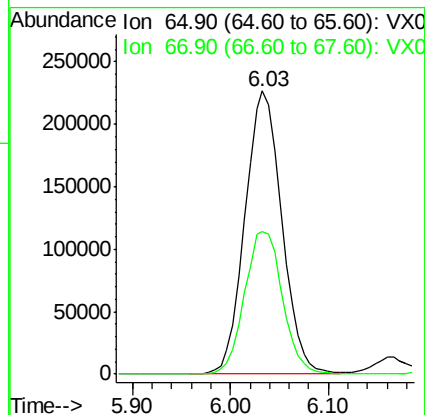
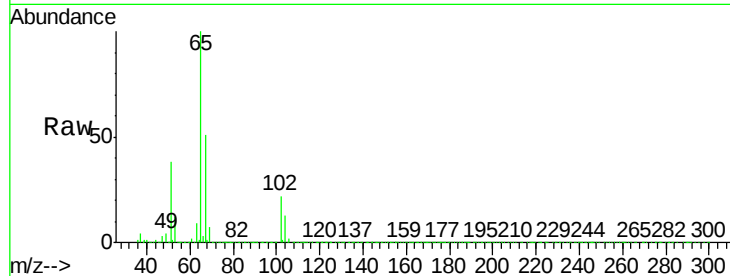
67 51.8 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

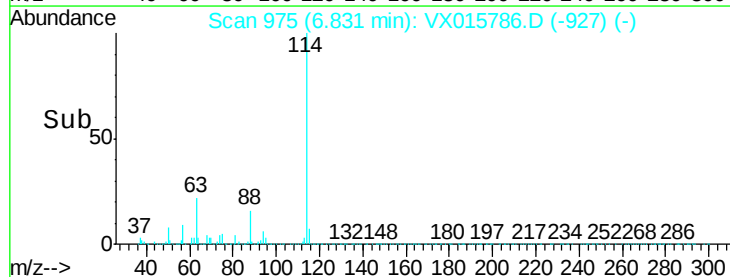
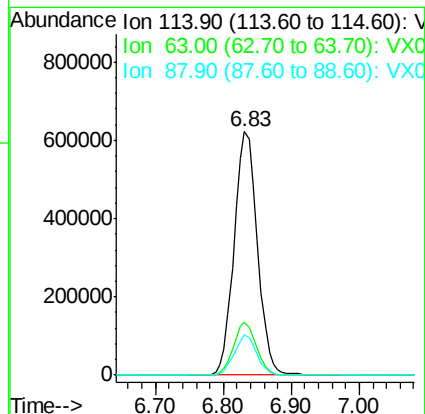
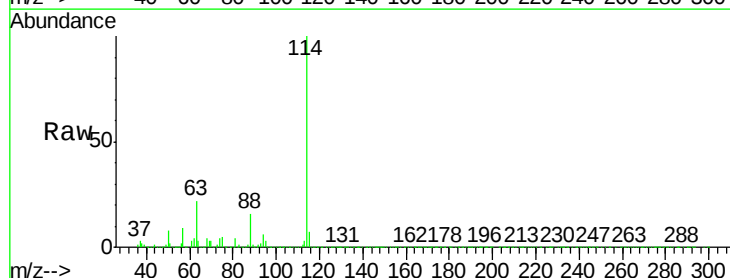
Tgt Ion: 114 Resp: 1475183

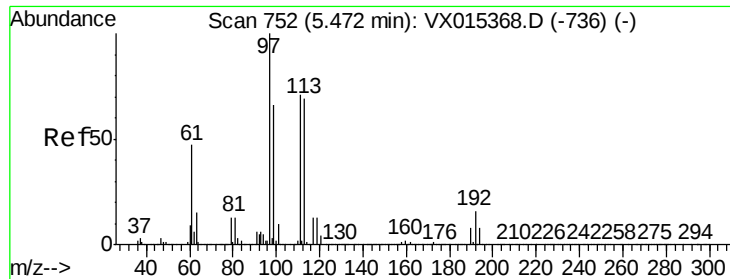
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

88 16.2 0.0 33.8





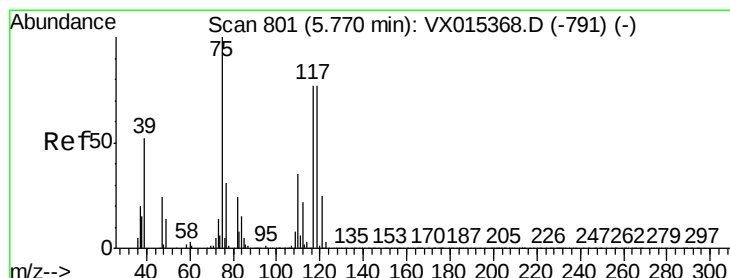
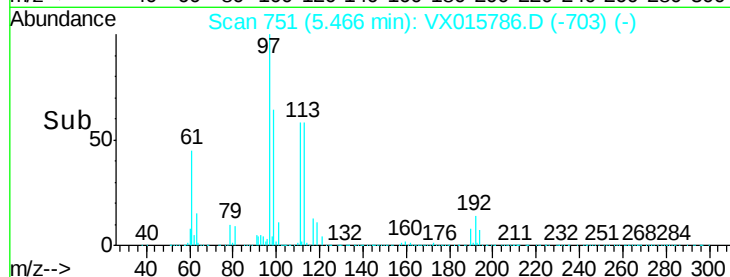
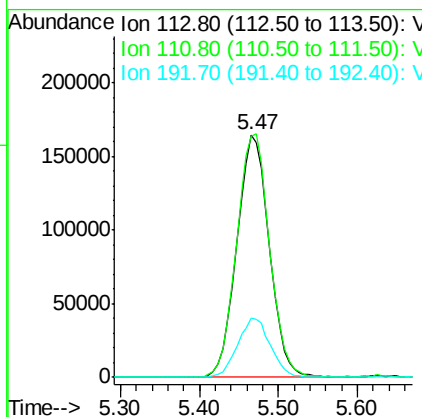
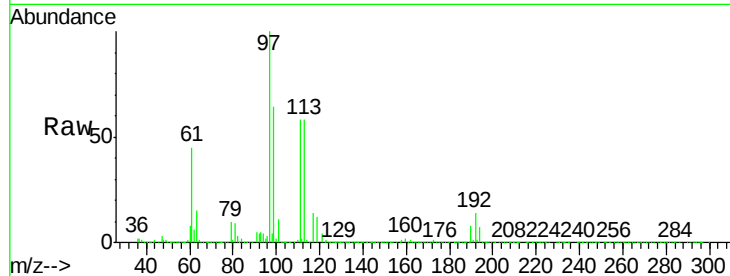
#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	24.8	17.8	26.6

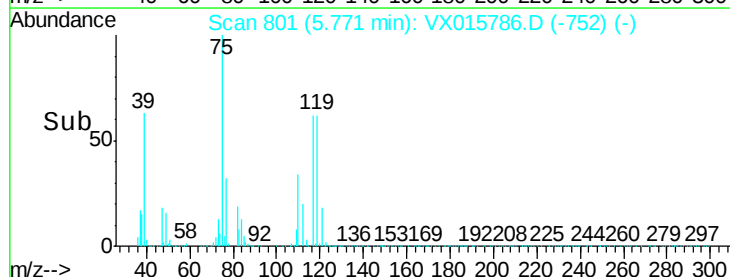
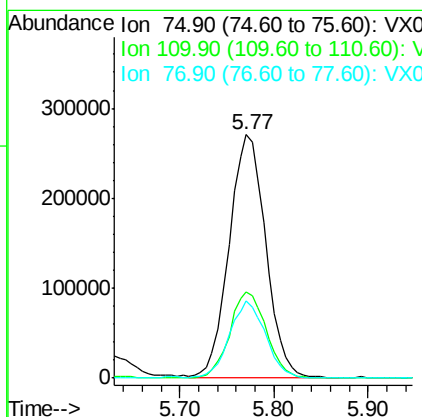
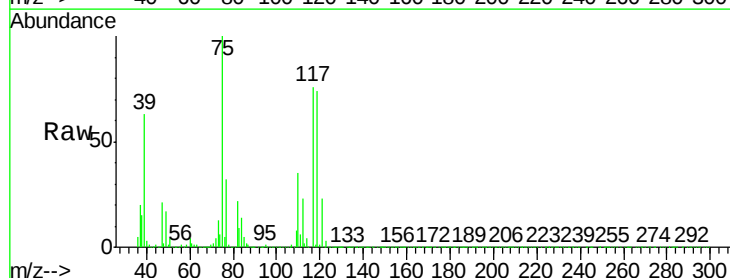
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#36
 1,1-Dichloropropene
 Concen: 53.745 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.3
77	30.9	24.6	36.8





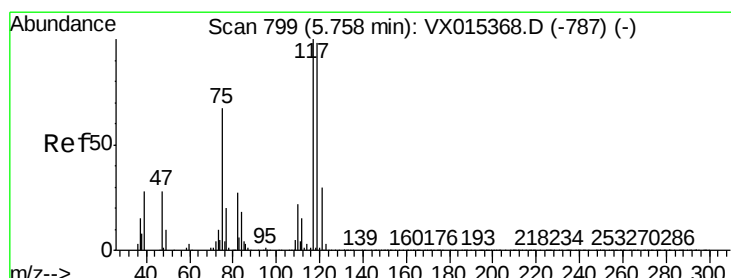
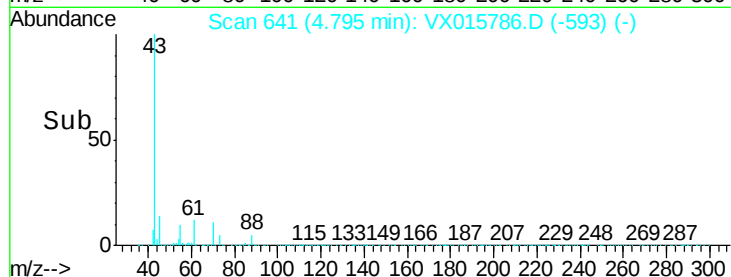
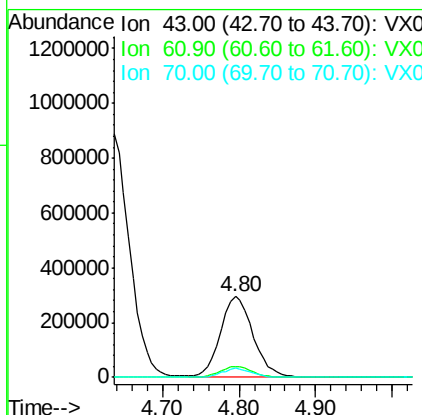
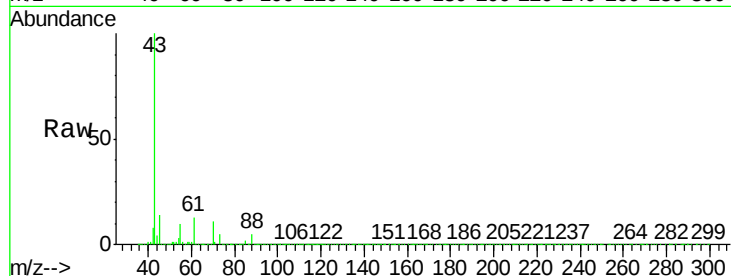
#37
Ethyl Acetate
Concen: 48.896 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	865357
Ion Ratio	Lower	Upper	
43	100		
61	12.7	9.9	14.9
70	10.3	8.1	12.1

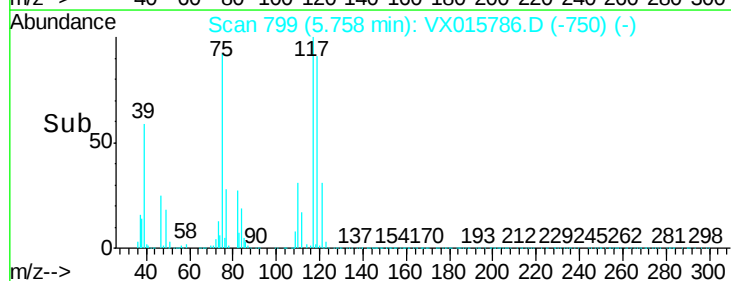
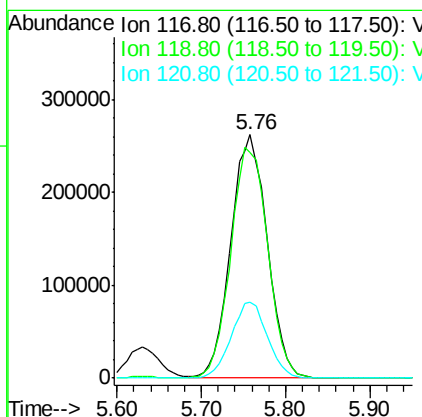
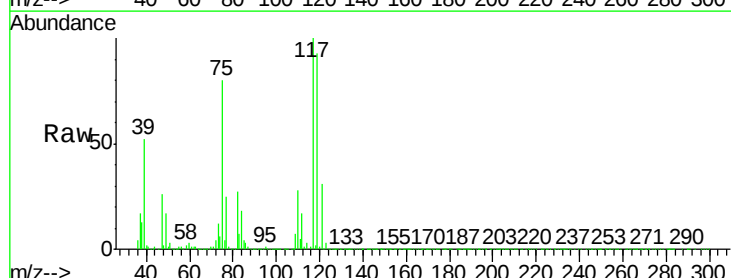
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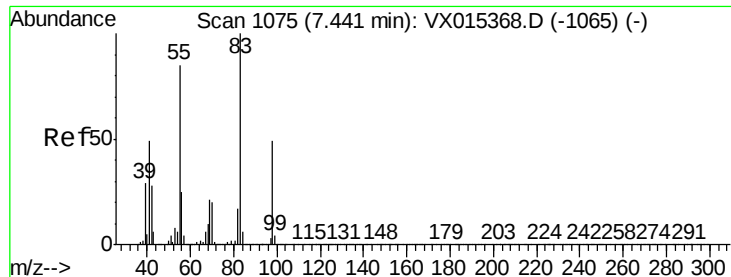
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#38
Carbon Tetrachloride
Concen: 51.998 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:	117	Resp:	765499
Ion Ratio	Lower	Upper	
117	100		
119	92.7	78.0	117.0
121	31.0	23.8	35.8





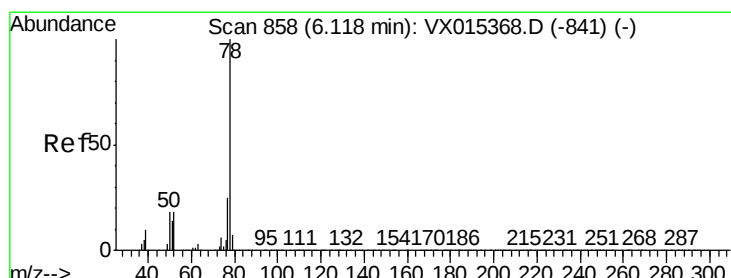
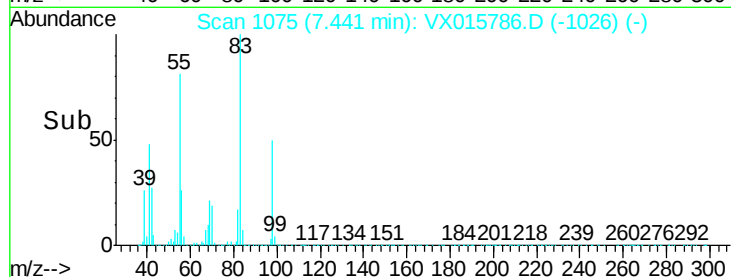
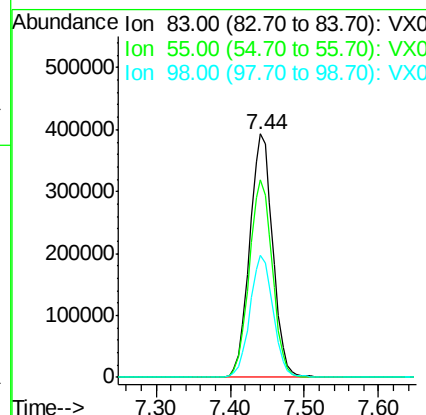
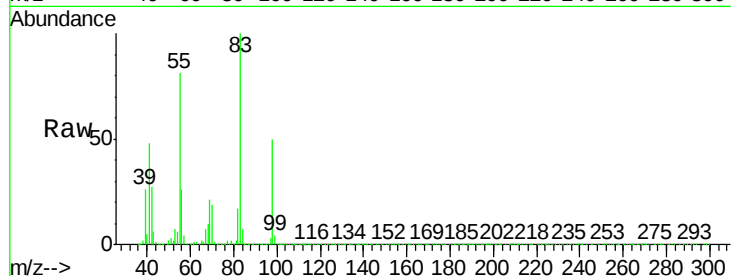
#39
Methvlcvclohexane
Concen: 54.520 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	67.8	101.6
98	50.1	39.3	58.9

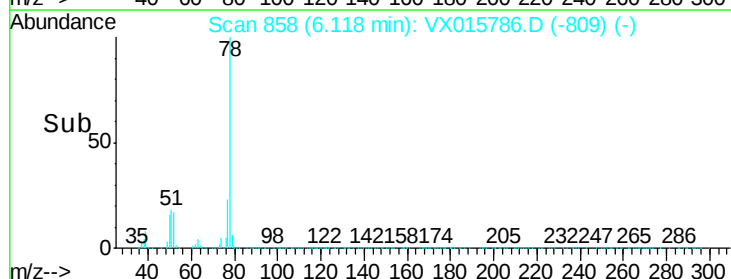
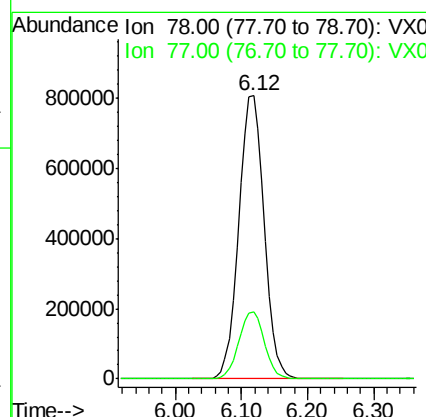
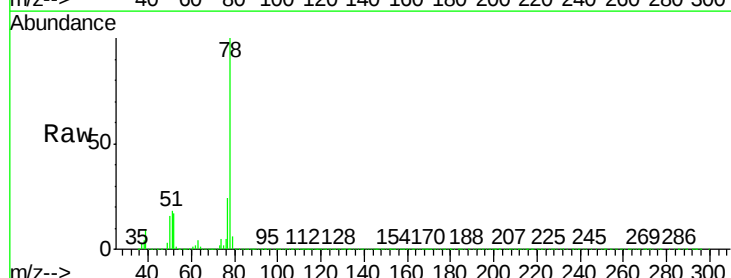
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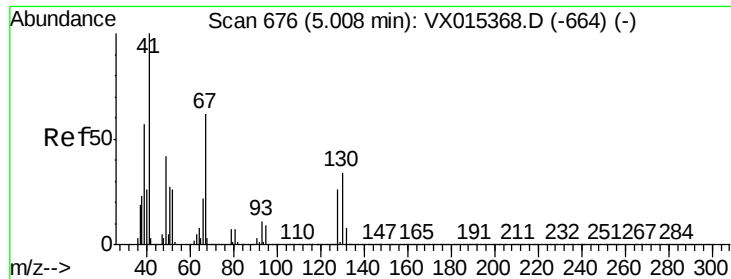
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#40
Benzene
Concen: 53.723 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.8	29.8





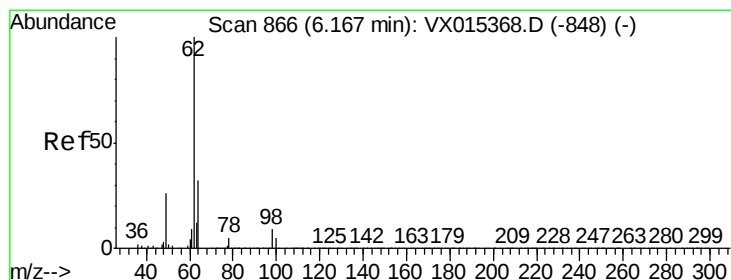
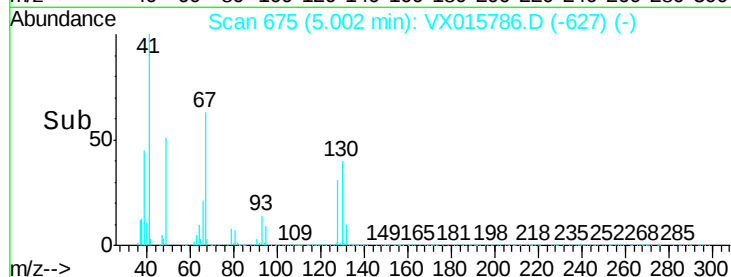
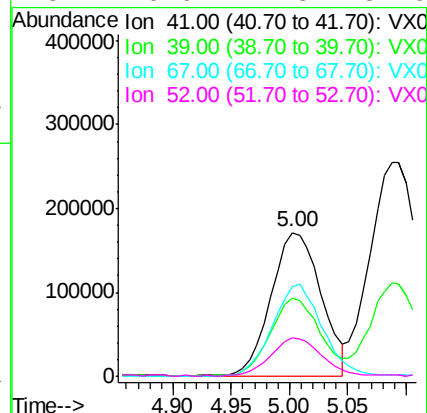
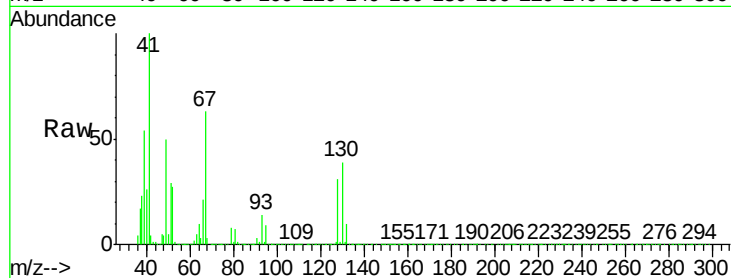
#41
Methacrylonitrile
Concen: 51.925 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		510135		
39	54.9	44.5	66.7		
67	63.6	48.9	73.3		
52	26.6	21.8	32.6		

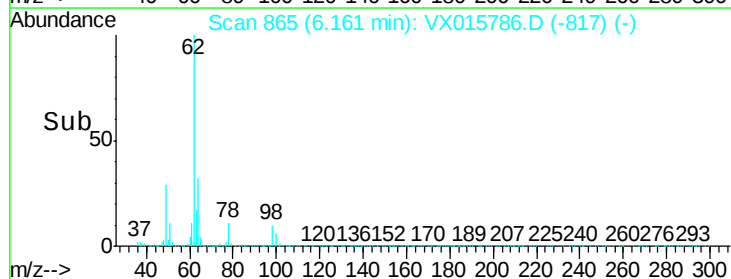
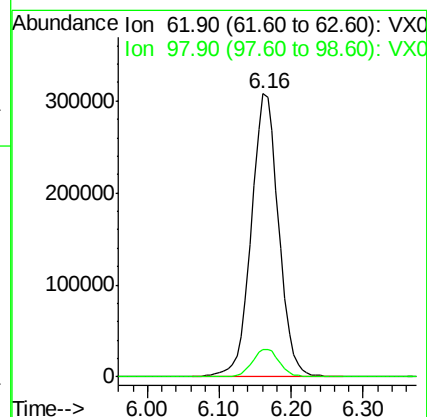
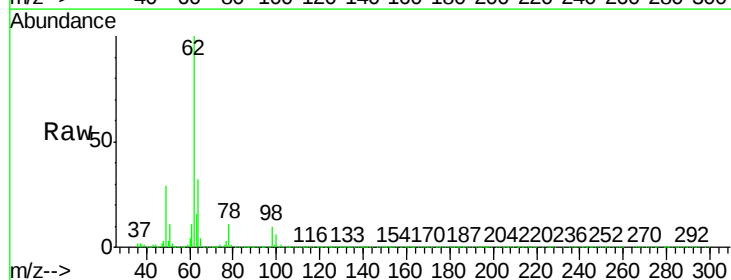
Manual Integrations
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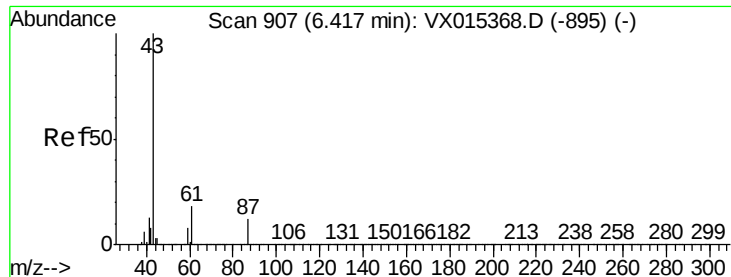
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#42
1,2-Dichloroethane
Concen: 50.426 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		806461		
98	9.8	0.0	17.6		





#43

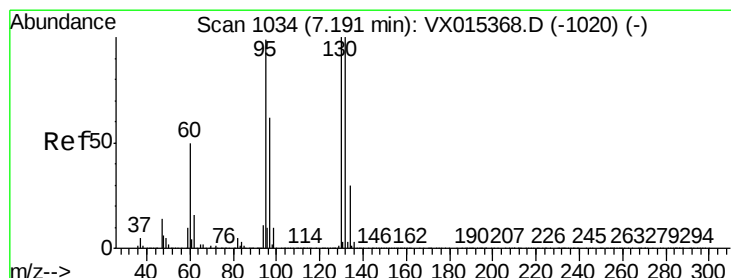
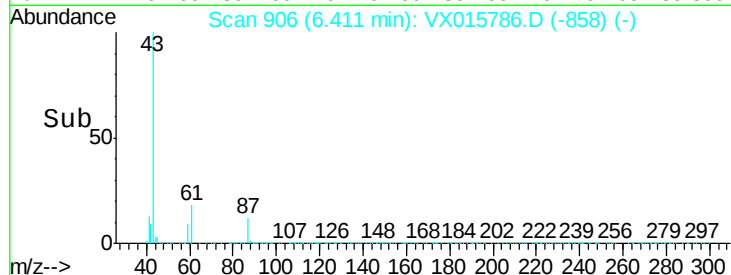
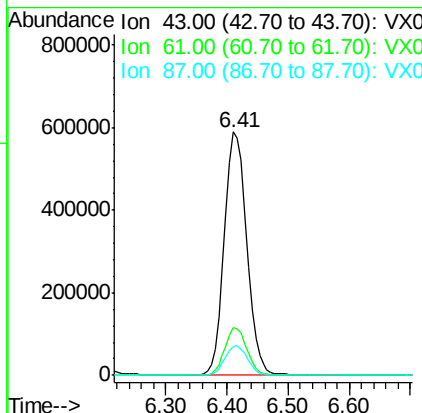
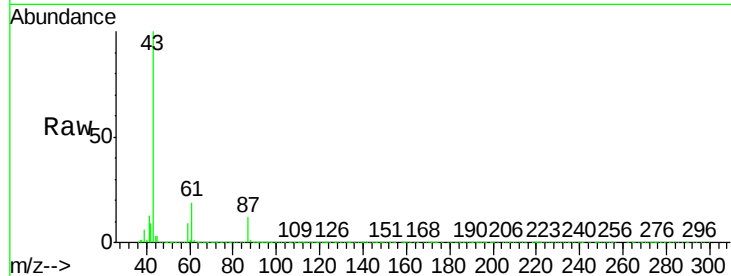
Isopropyl Acetate
 Concen: 49.878 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.8	22.2
87	12.2	9.4	14.0

Manual Integrations
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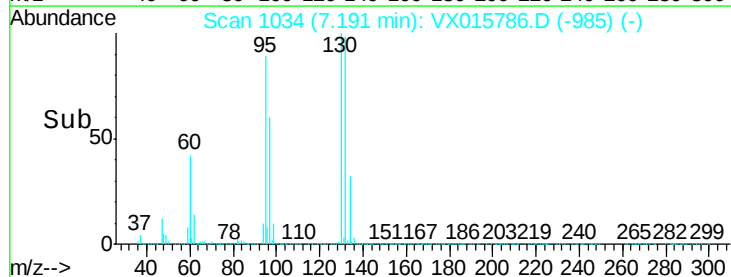
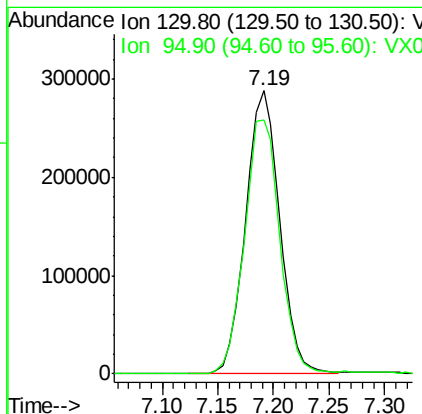
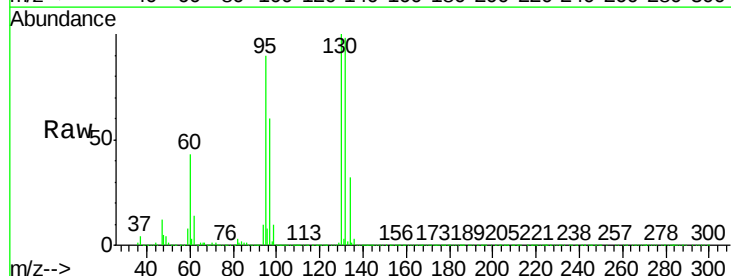
MMDadoda
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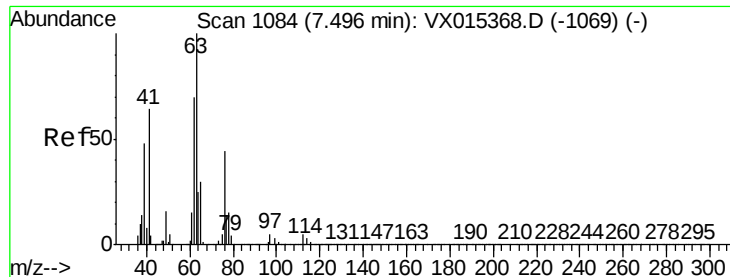


#44

Trichloroethene
 Concen: 56.693 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	199.0





#45

1,2-Dichloropropane

Concen: 53.742 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 585356

Ion Ratio Lower Upper

63 100

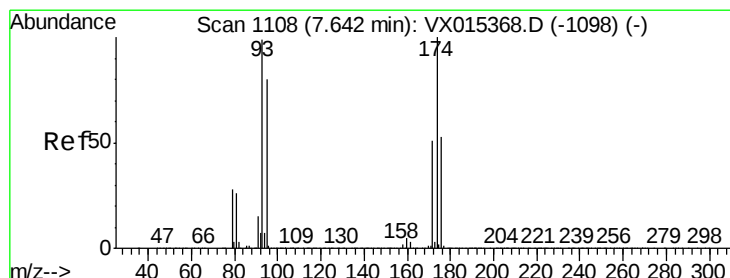
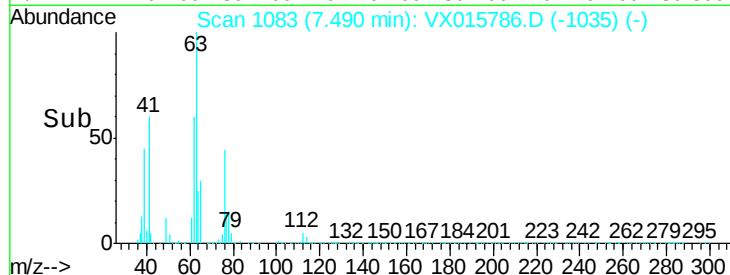
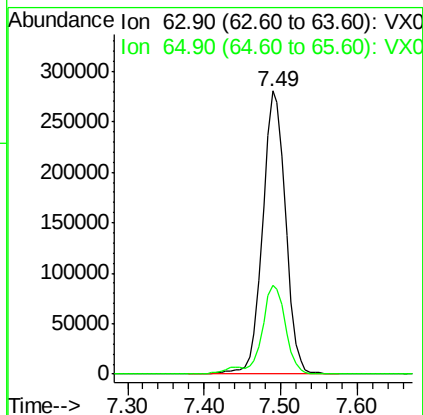
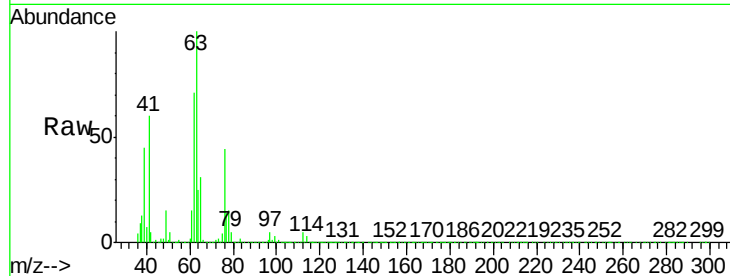
65 31.4 23.9 35.9

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#46

Dibromomethane

Concen: 53.322 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

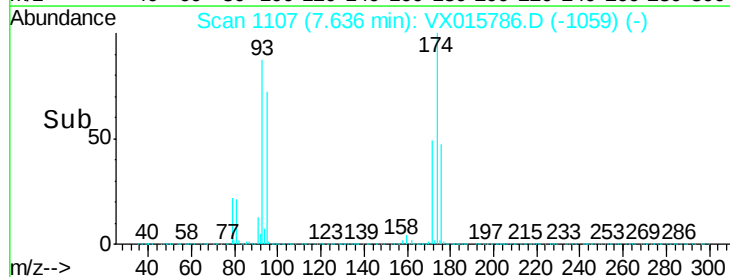
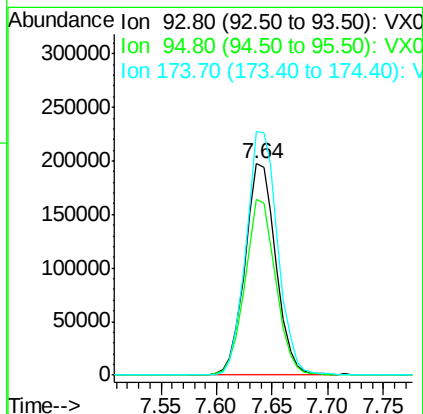
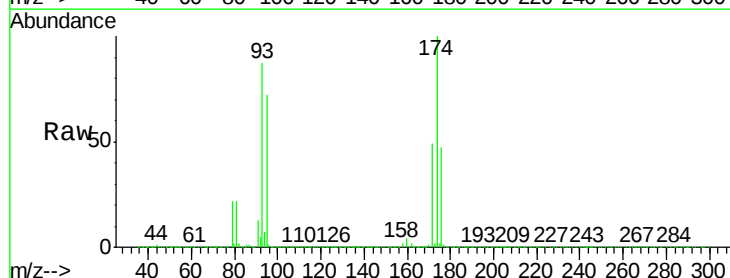
Tgt Ion: 93 Resp: 380978

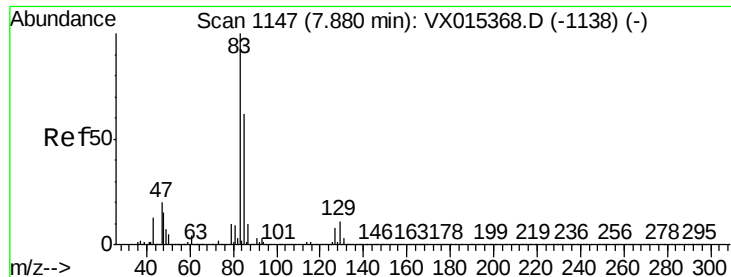
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 117.7 86.2 129.2





#47

Bromodichloromethane

Concen: 52.533 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

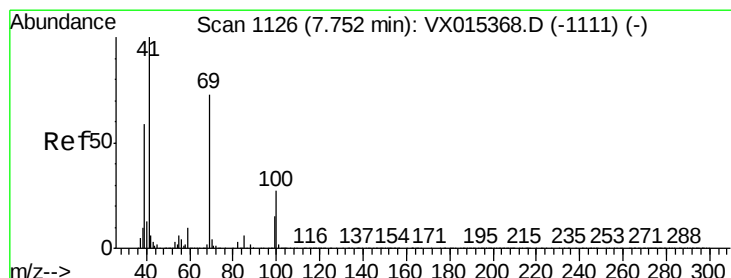
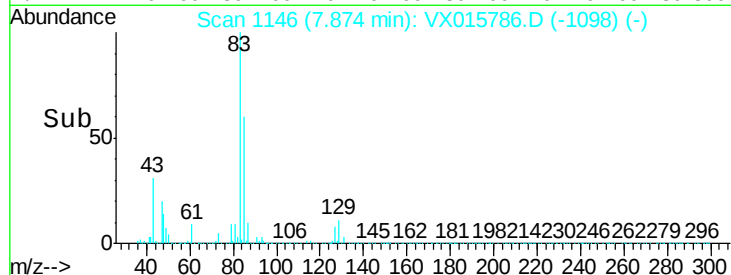
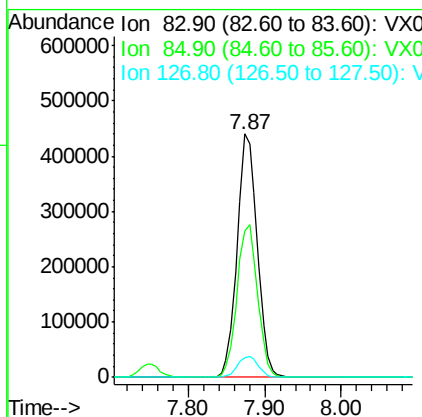
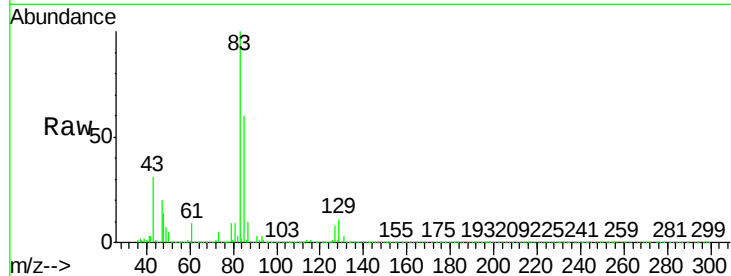
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	799780
Ion Ratio	Lower	Upper	
83	100		
85	60.1	49.7	74.5
127	8.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.866 ug/l

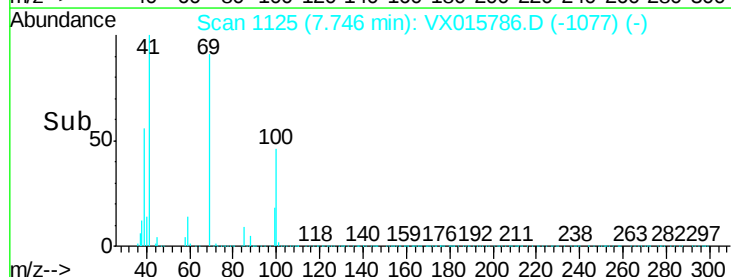
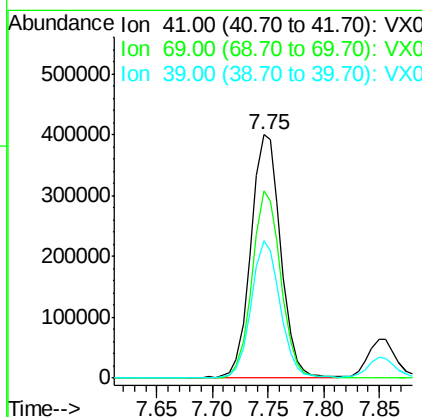
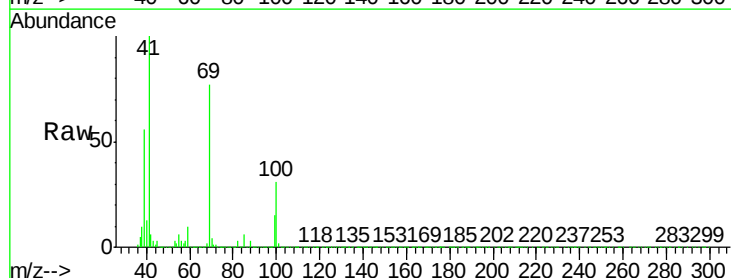
RT: 7.75 min Scan# 1125

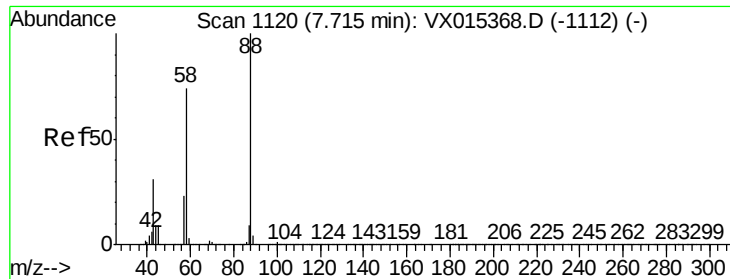
Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion:	41	Resp:	744133
Ion Ratio	Lower	Upper	
41	100		
69	74.6	56.7	85.1
39	54.7	46.5	69.7





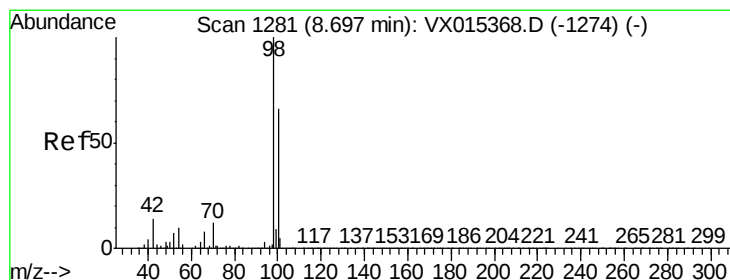
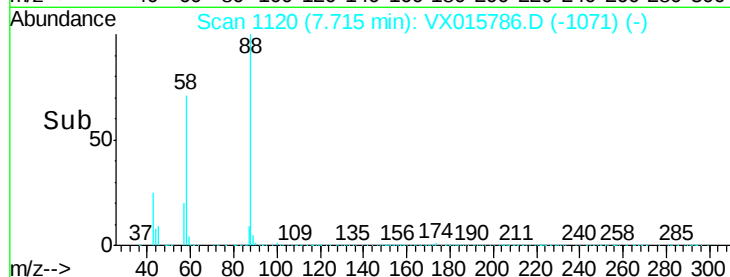
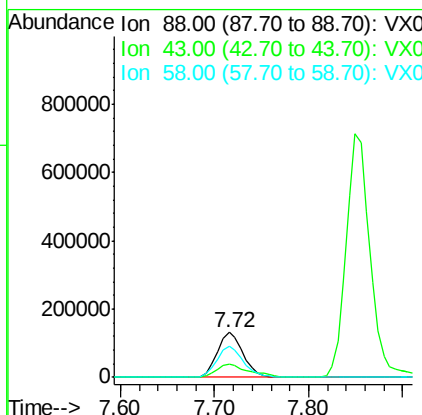
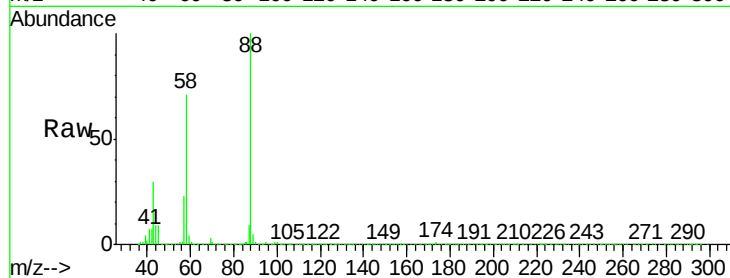
#49
1,4-Dioxane
Concen: 889.295 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.1	45.1
58	72.3	60.6	90.8

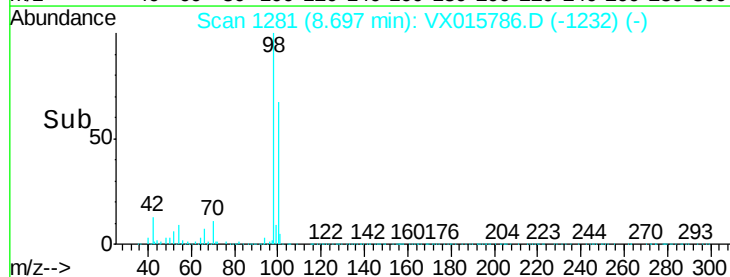
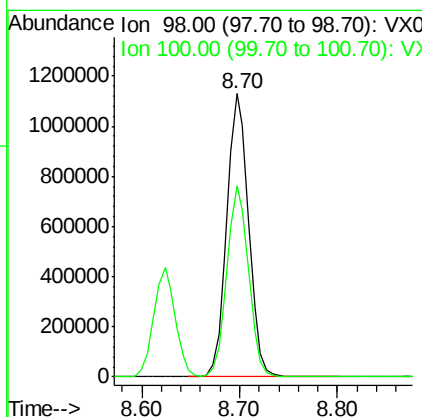
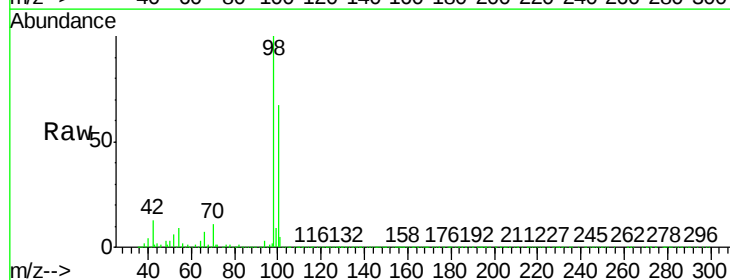
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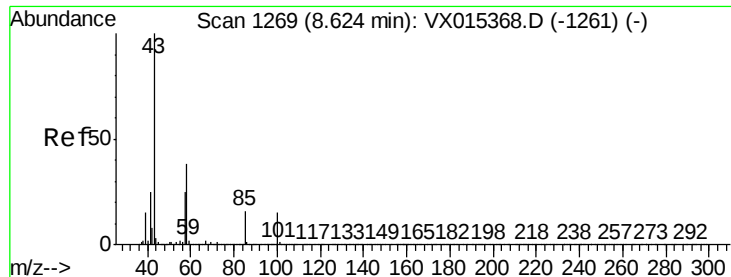
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#50
Toluene-d8
Concen: 50.296 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 259.202 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tot Ion: 43 Resp: 4388642

Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5

Instrument :

MSVOA_X

ClientSampleId :

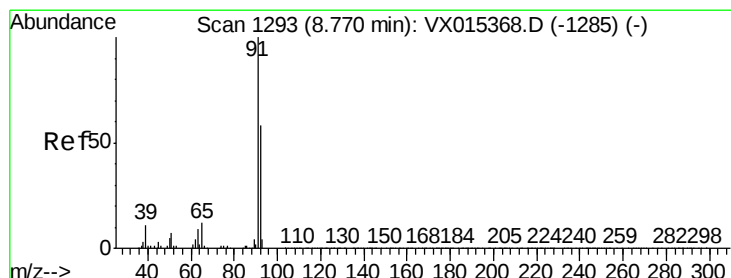
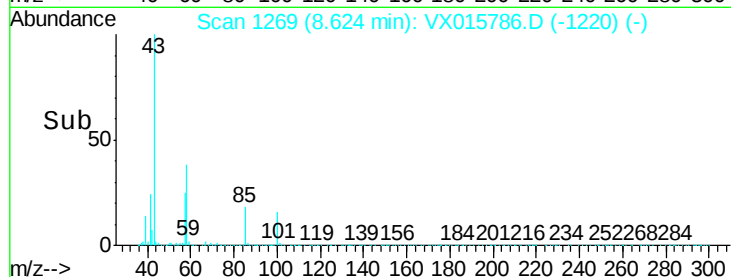
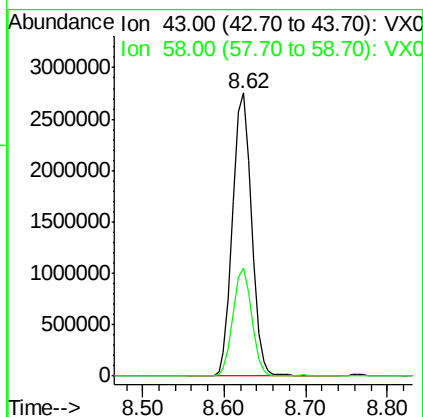
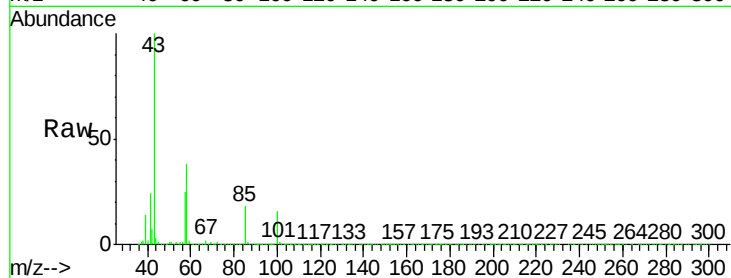
VSTDCCC050

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#52

Toluene

Concen: 56.255 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015786.D

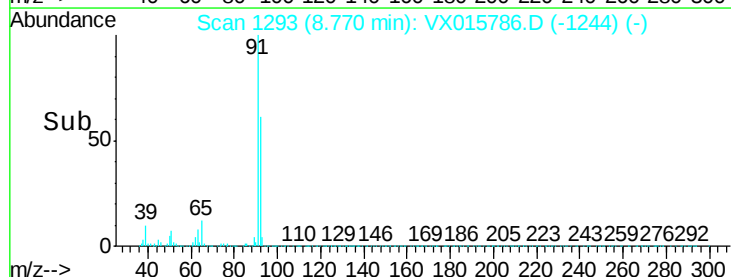
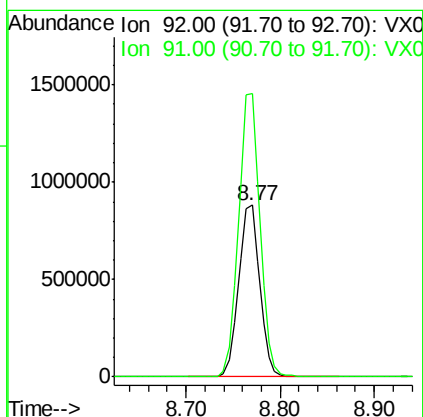
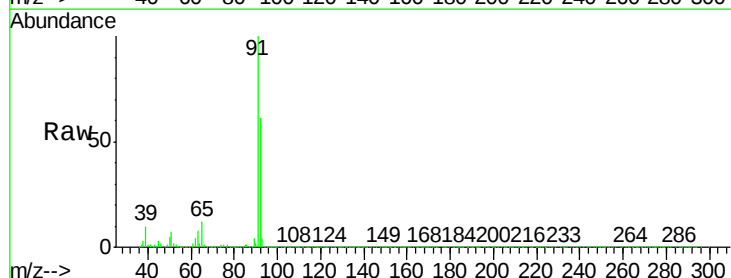
Acq: 21 Apr 2020 11:44

Tgt Ion: 92 Resp: 1380891

Ion Ratio Lower Upper

92 100

91 167.0 136.6 205.0





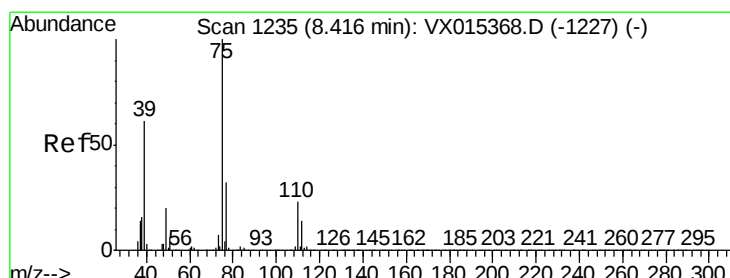
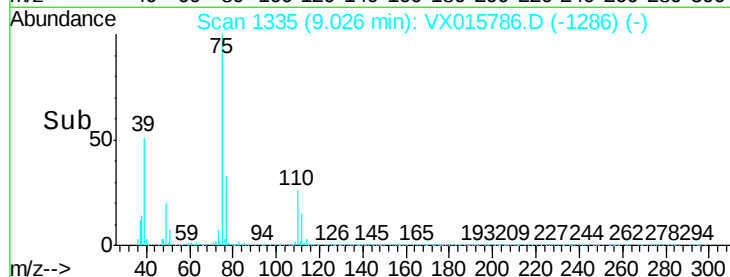
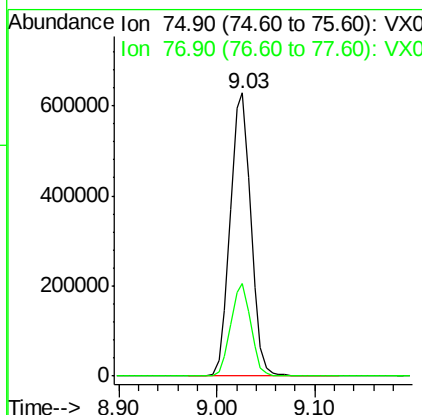
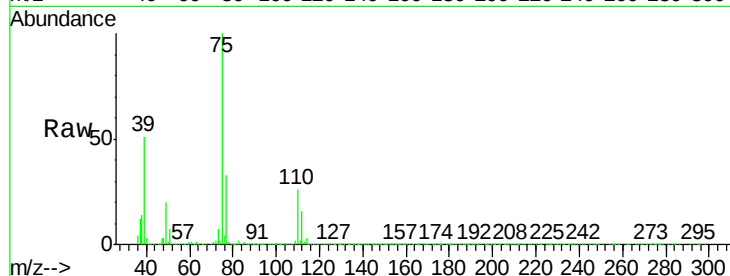
#53
t-1,3-Dichloropropene
Concen: 51.553 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	920493		
77	32.6	24.1	36.1	

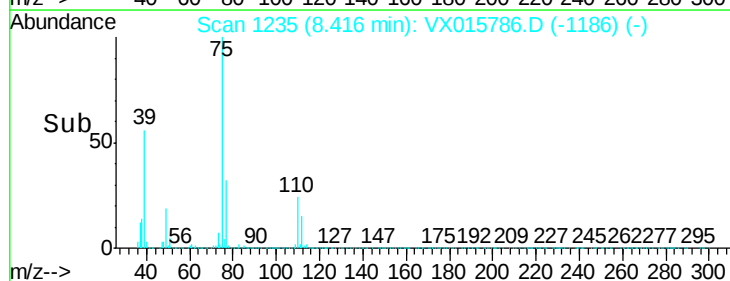
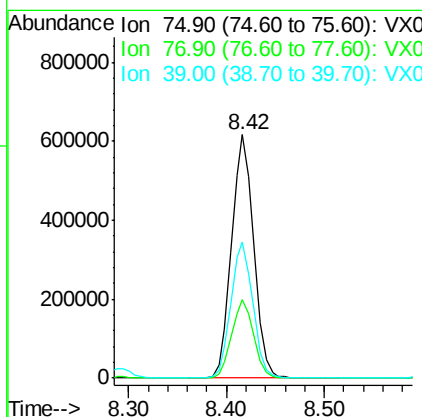
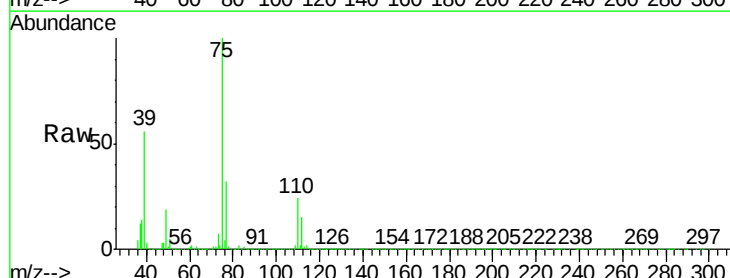
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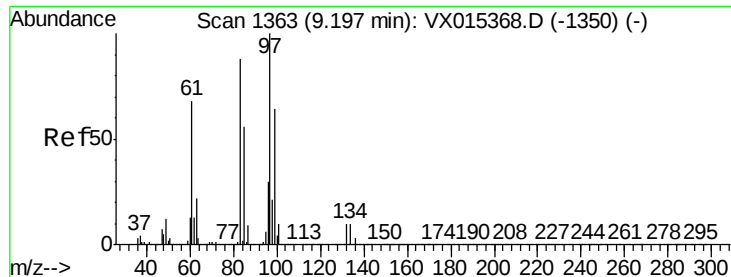
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#54
cis-1,3-Dichloropropene
Concen: 53.136 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	966451		
77	31.9	25.8	38.6	
39	55.8	49.0	73.4	





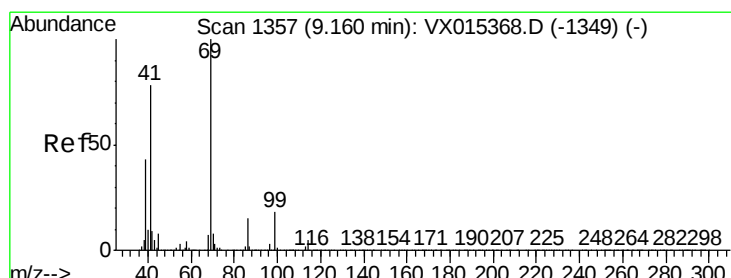
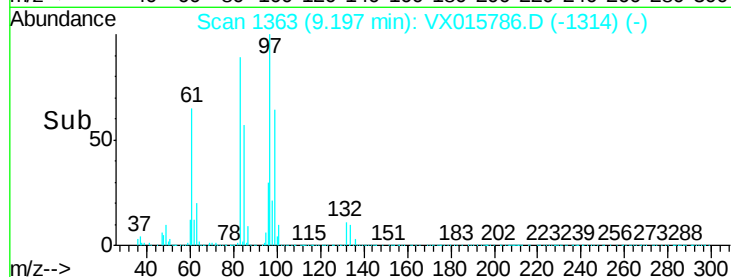
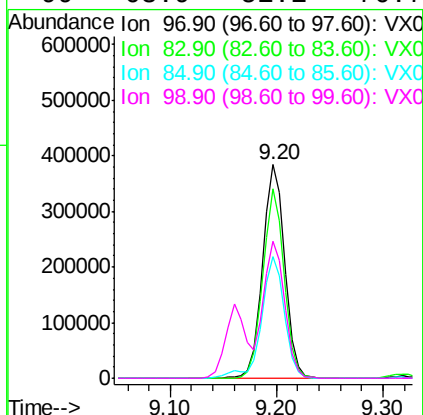
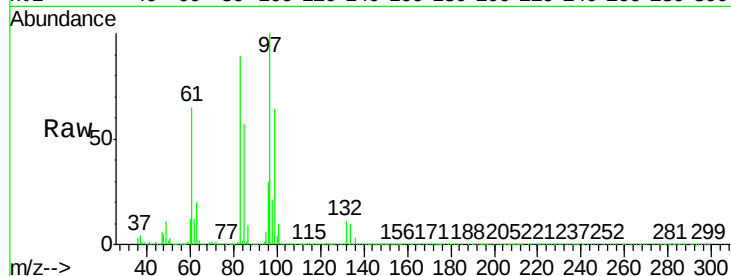
#55
 1,1,2-Trichloroethane
 Concen: 55.638 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		559551		
83	88.5	70.2	105.4		
85	56.6	44.7	67.1		
99	63.9	51.1	76.7		

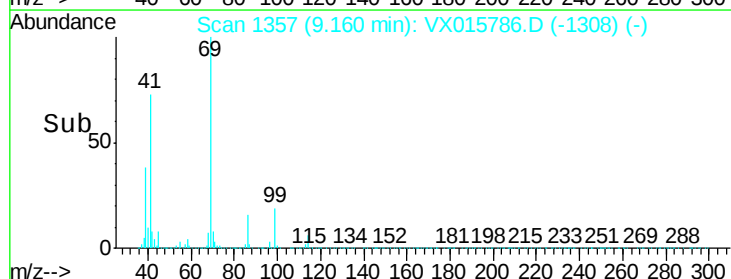
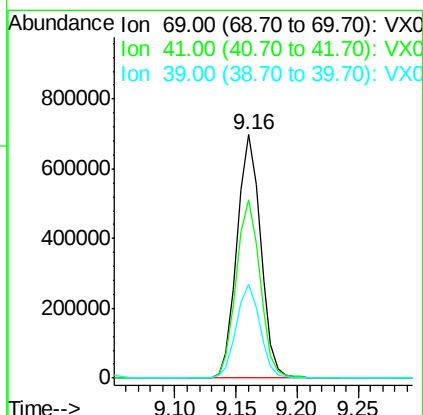
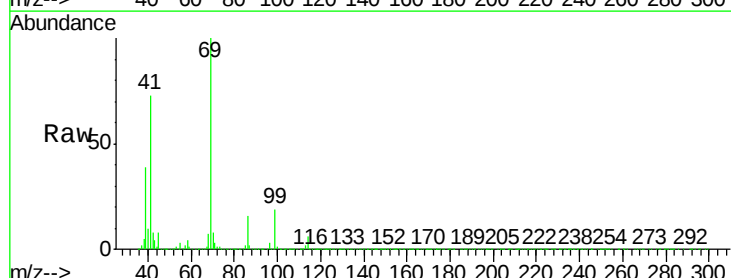
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#56
 Ethyl methacrylate
 Concen: 52.865 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		936991		
41	73.7	61.6	92.4		
39	38.5	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 53.340 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 966495

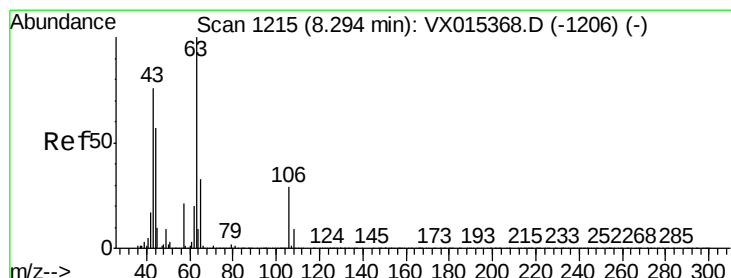
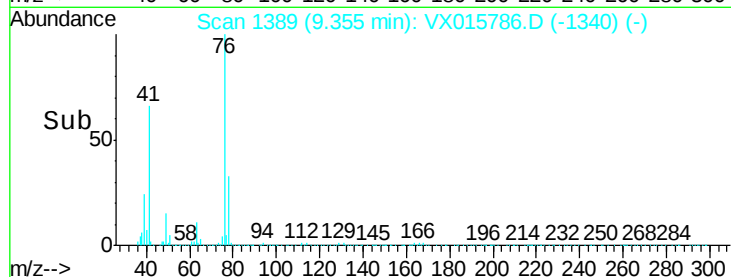
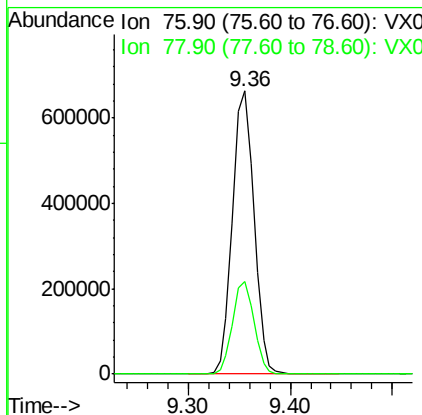
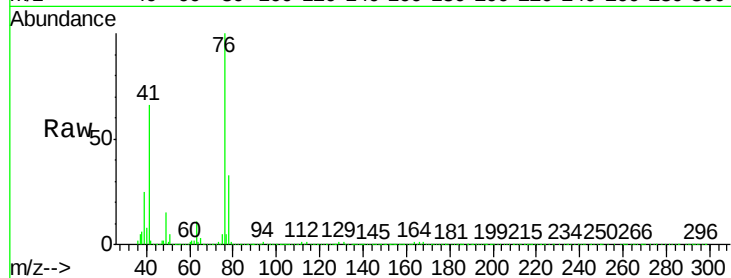
Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 203.501 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015786.D

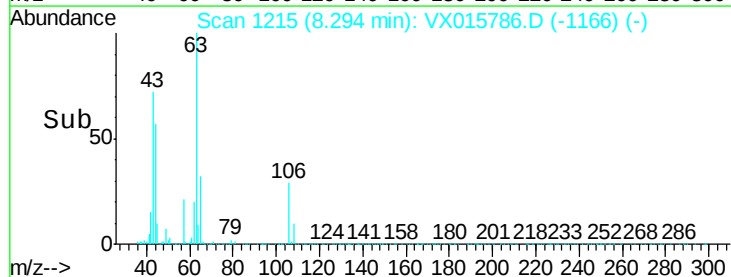
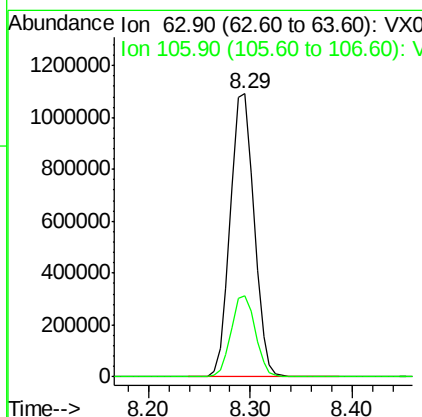
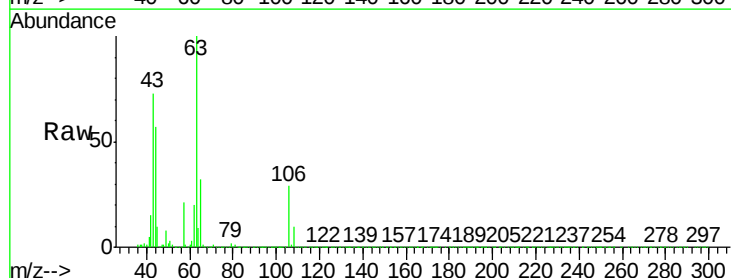
Acq: 21 Apr 2020 11:44

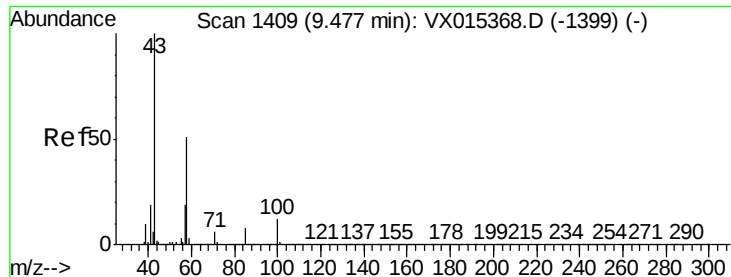
Tgt Ion: 63 Resp: 1754413

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





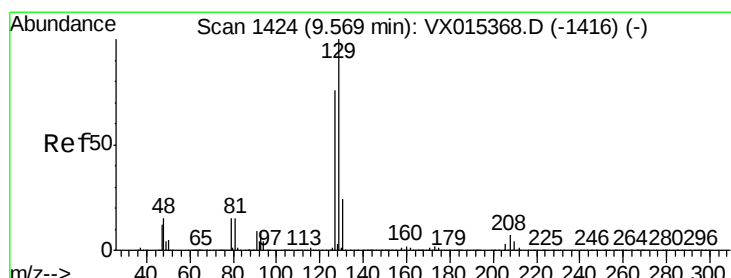
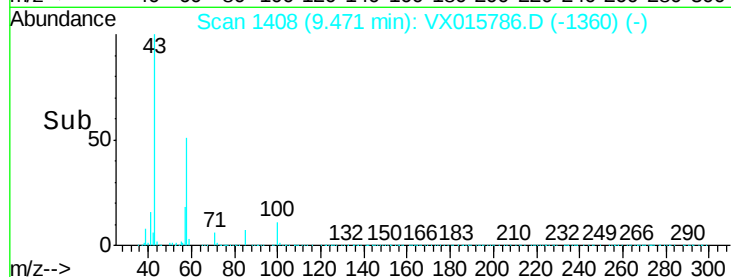
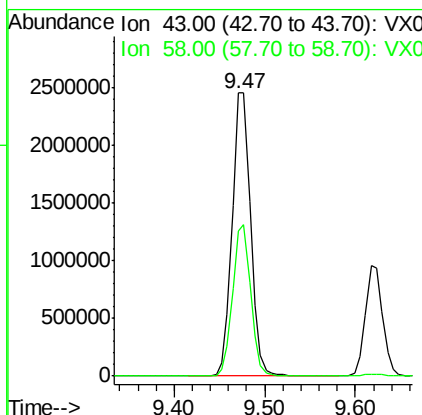
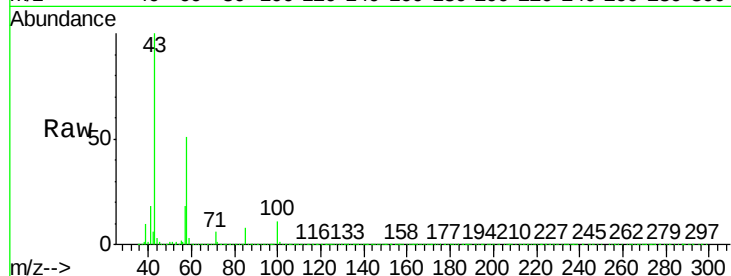
#59
2-Hexanone
Concen: 272.184 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3479279
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.6

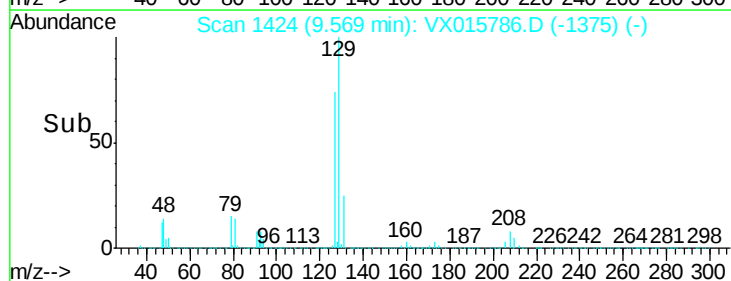
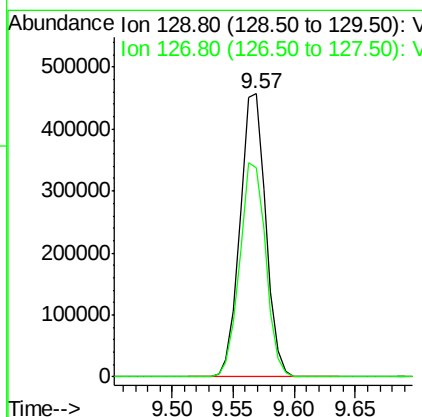
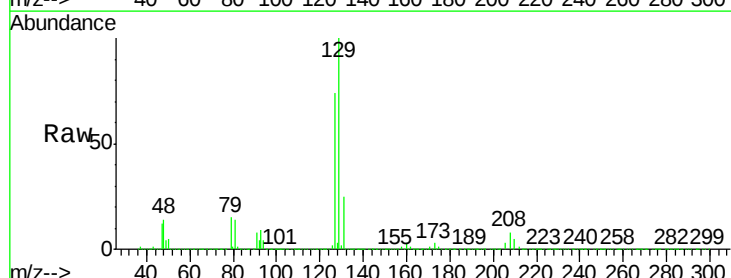
Manual Integrations
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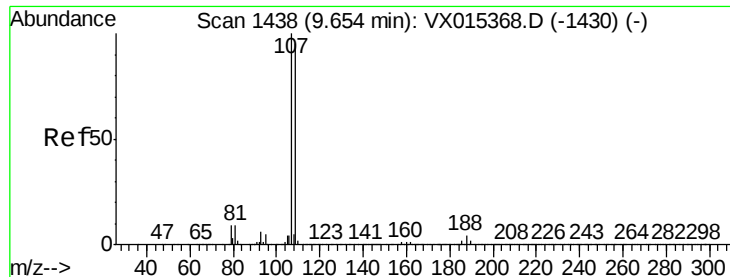
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4/22/2020 10:02:08 AM



#60
Dibromochloromethane
Concen: 54.851 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 129 Resp: 662868
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





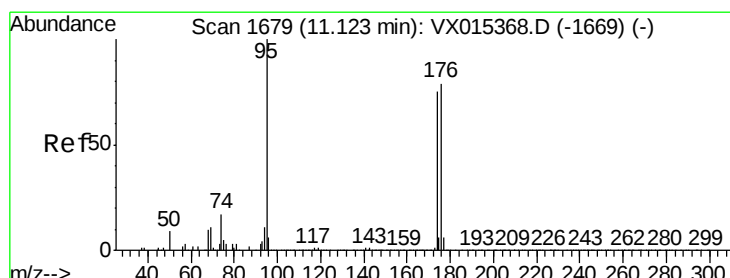
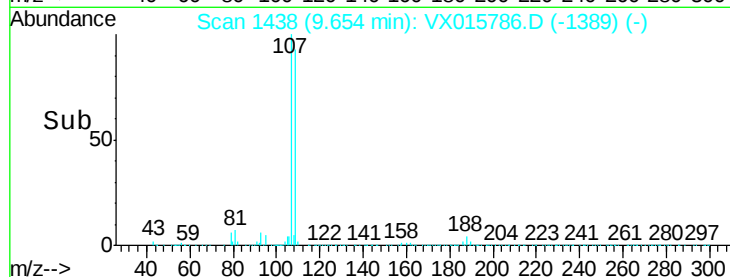
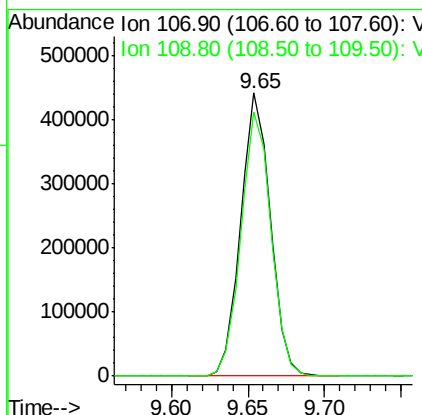
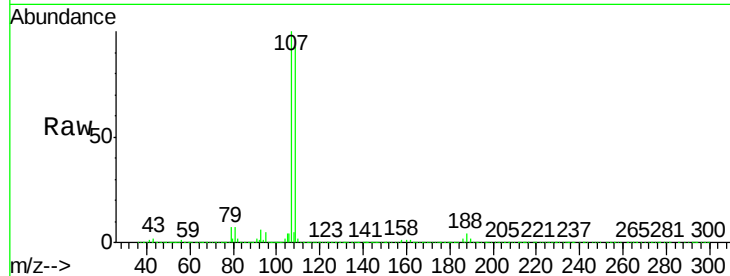
#61
 1,2-Dibromoethane
 Concen: 54.193 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.8	112.2

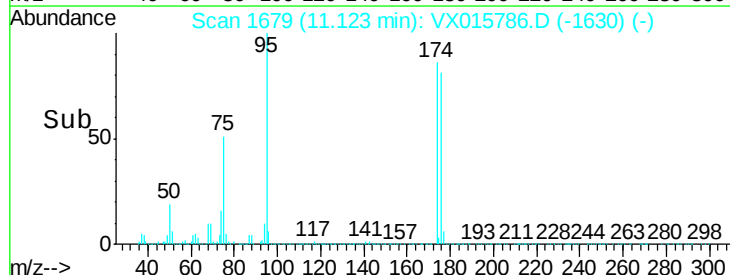
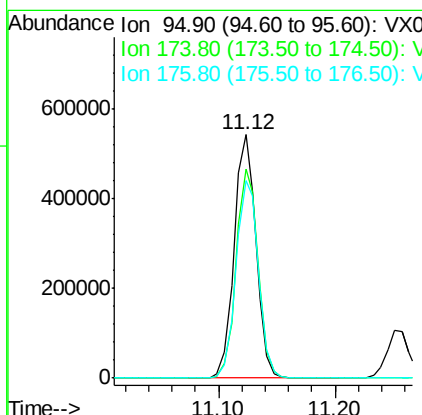
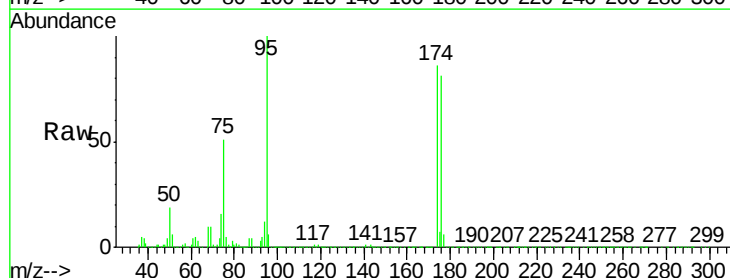
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#62
 4-Bromofluorobenzene
 Concen: 50.000 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	158.6
176	83.2	0.0	159.0





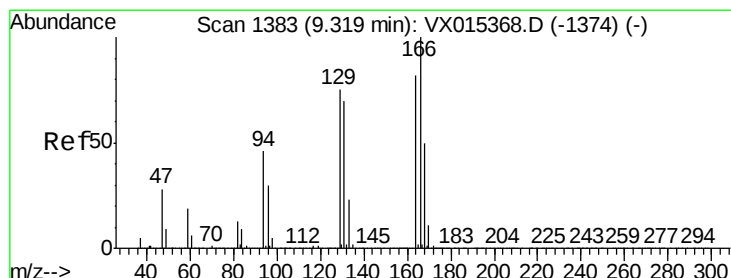
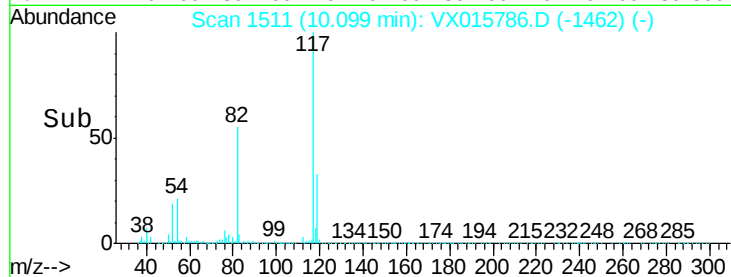
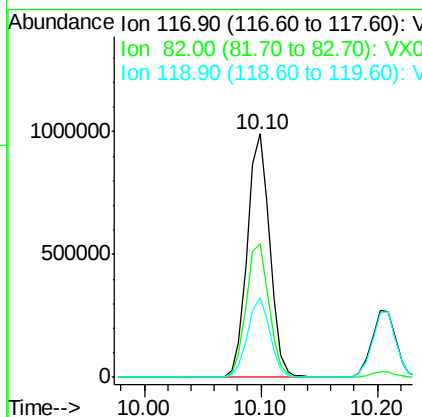
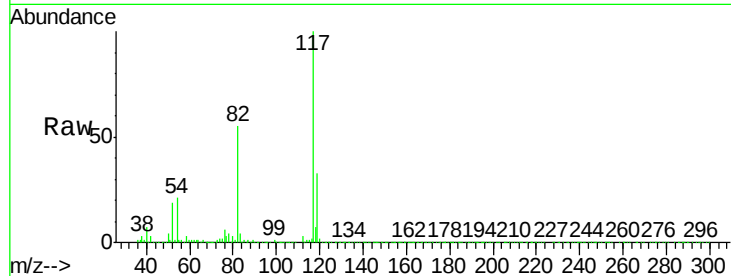
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.8
119	32.7	26.8	40.2

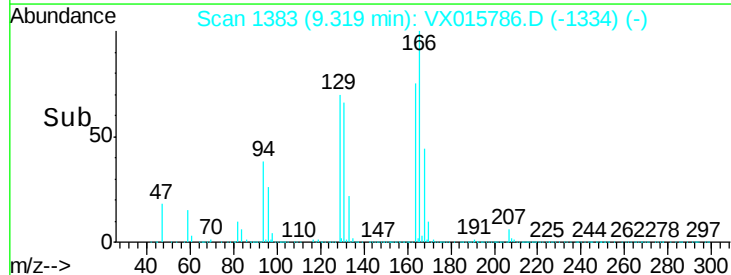
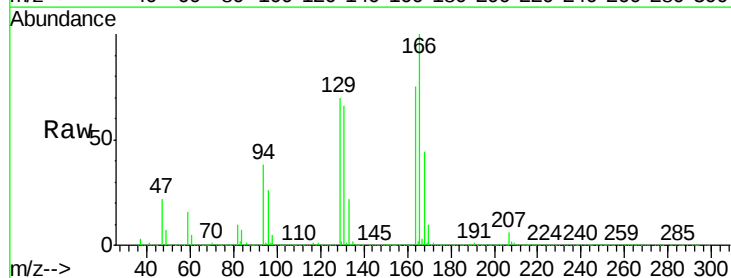
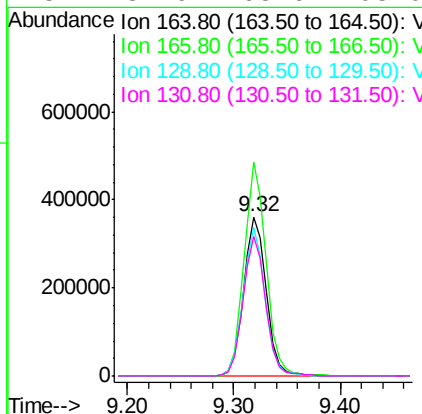
Manual Integrations
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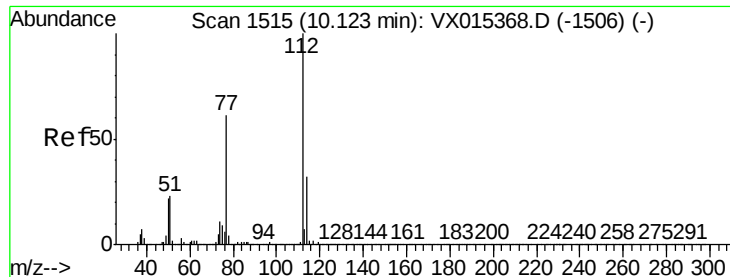
MMDadoda
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#64
Tetrachloroethene
Concen: 53.249 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.0	97.8	146.6
129	93.5	73.0	109.4
131	87.9	68.6	103.0





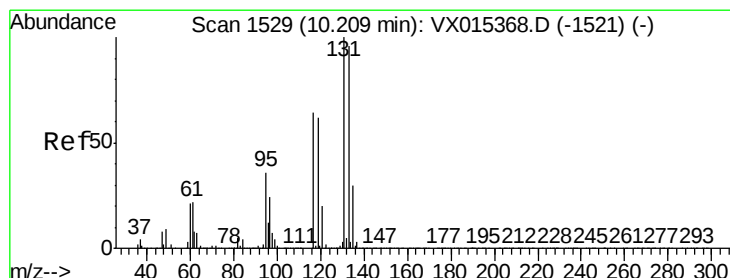
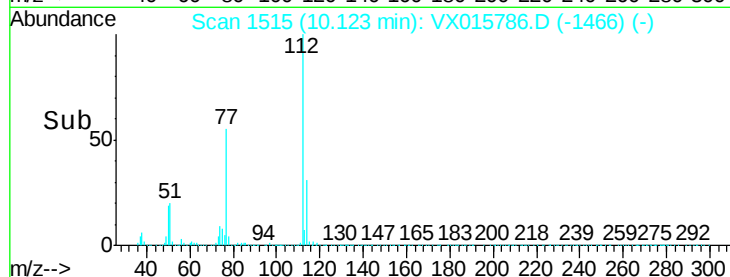
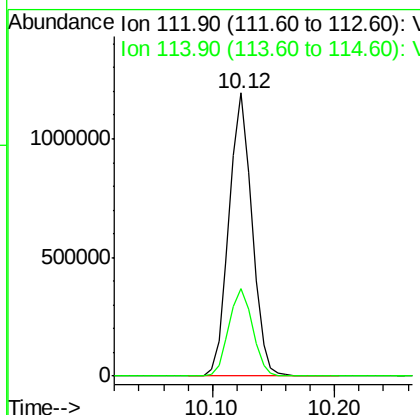
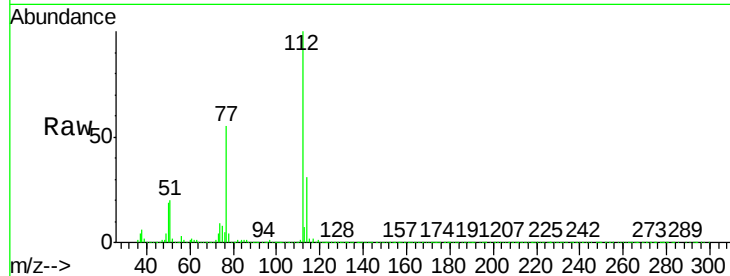
#65
Chlorobenzene
Concen: 57.846 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1546625
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3

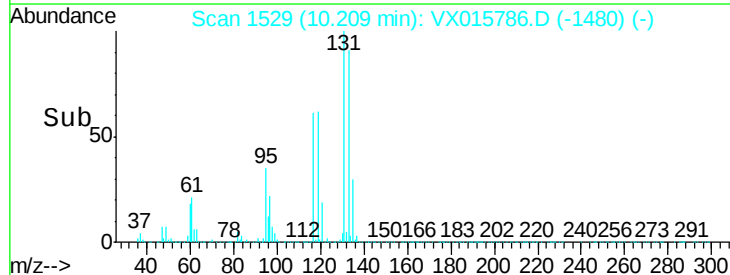
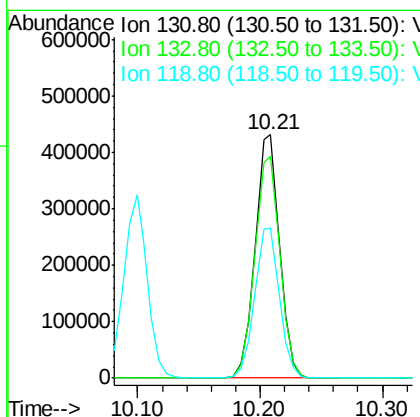
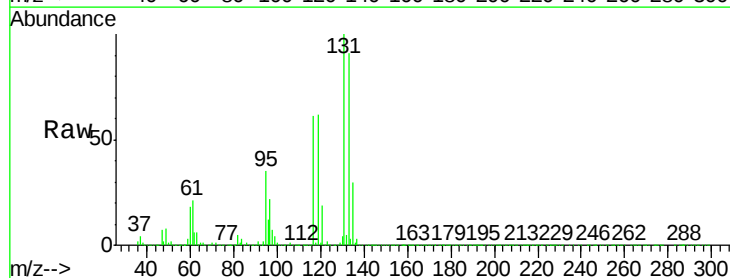
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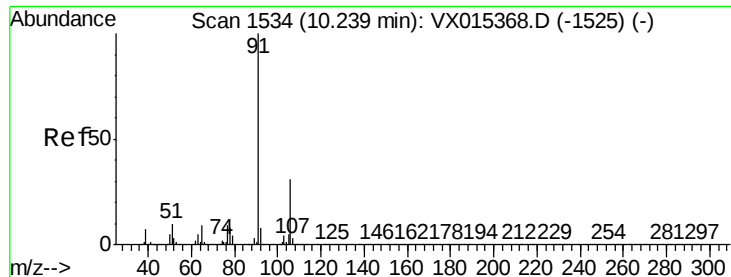
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.507 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion:131 Resp: 603580
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 62.6 31.1 93.3





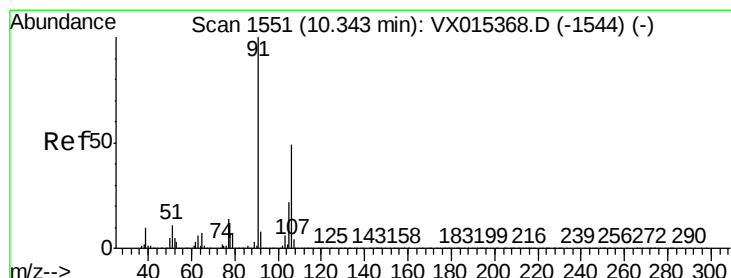
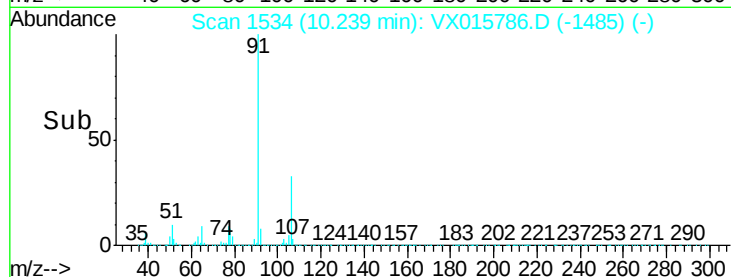
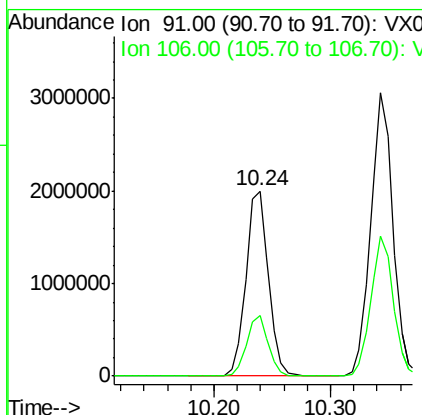
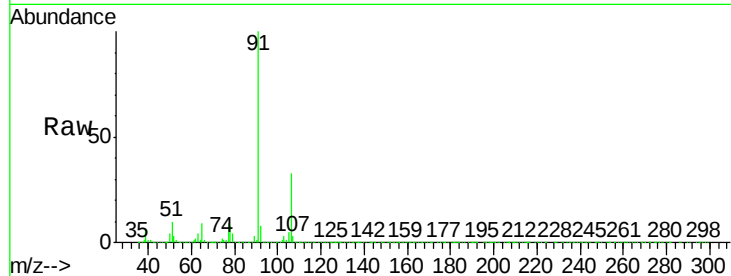
#67
Ethyl Benzene
Concen: 56.864 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2696500
Ion Ratio Lower Upper
91 100
106 32.6 24.8 37.2

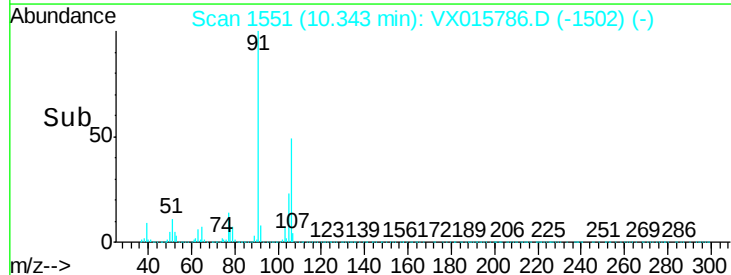
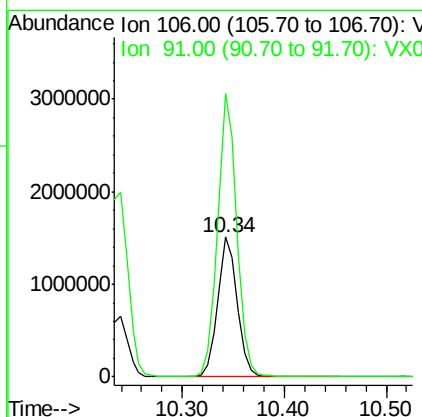
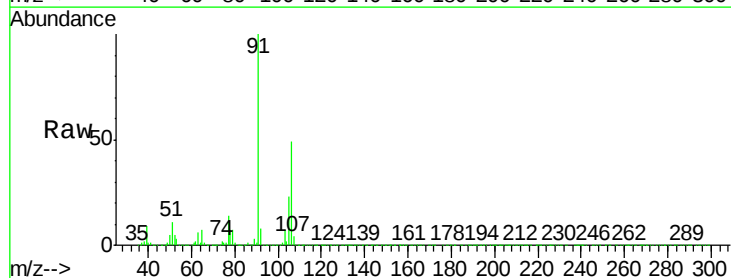
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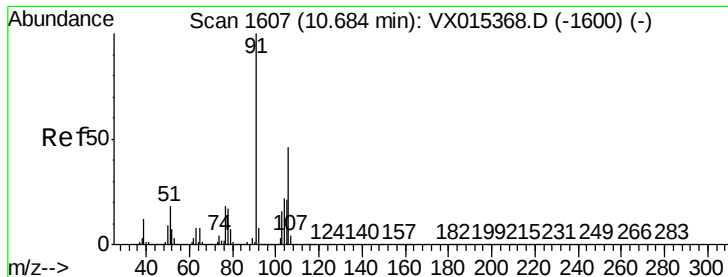
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#68
m/p-Xylenes
Concen: 115.384 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 106 Resp: 2037430
Ion Ratio Lower Upper
106 100
91 199.3 163.4 245.0





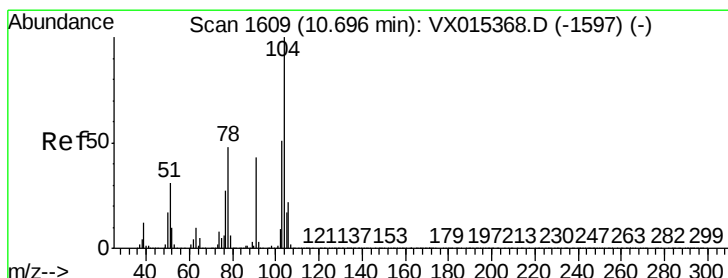
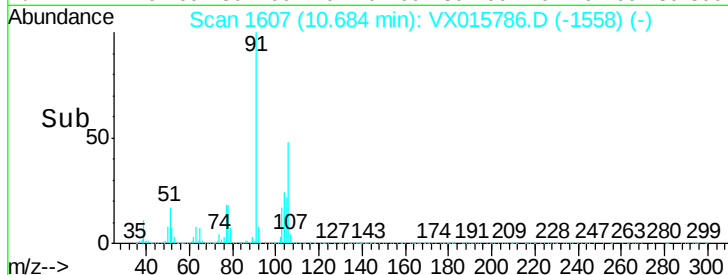
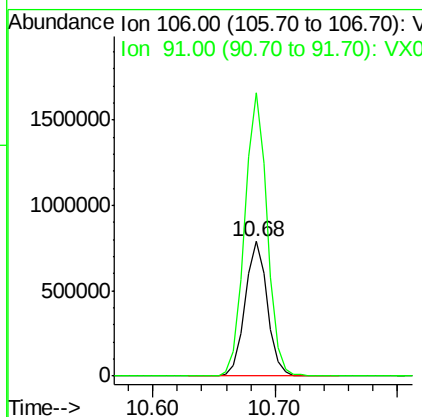
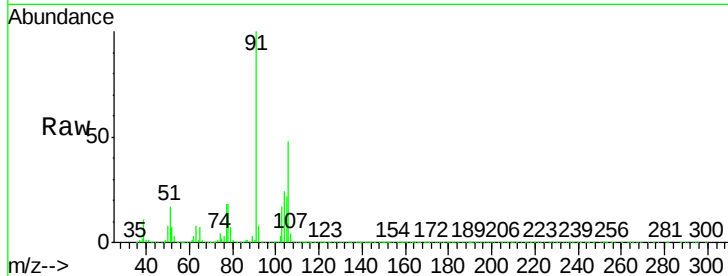
#69
o-Xylene
Concen: 57.026 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	995039		
91	211.2	107.1	321.3	

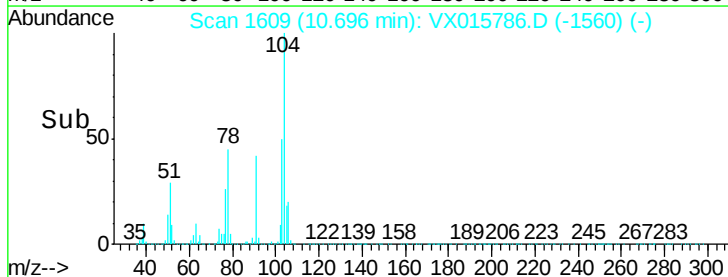
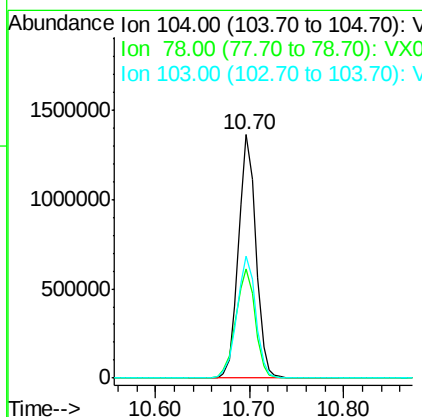
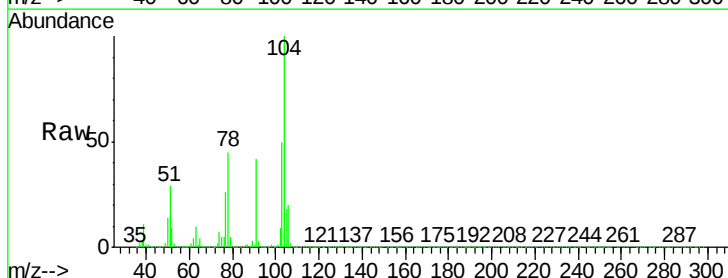
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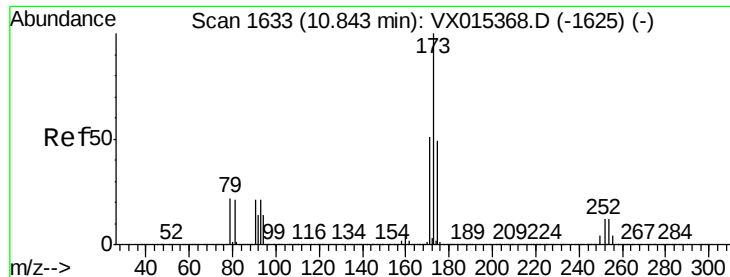
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#70
Styrene
Concen: 57.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1759168		
78	49.7	42.0	63.0	
103	53.9	43.4	65.0	





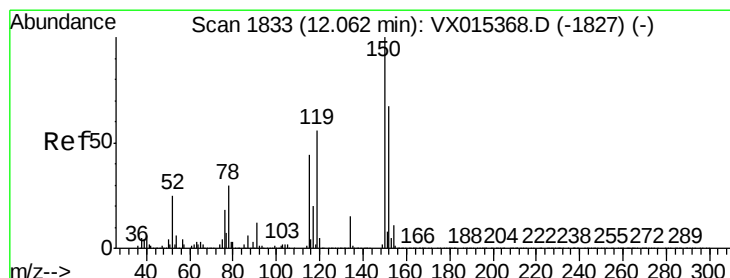
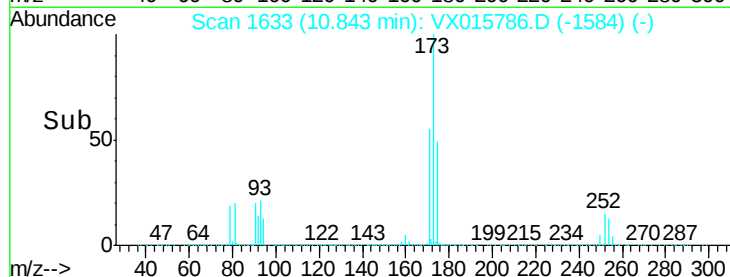
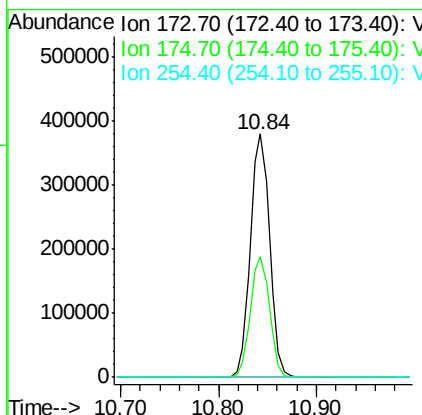
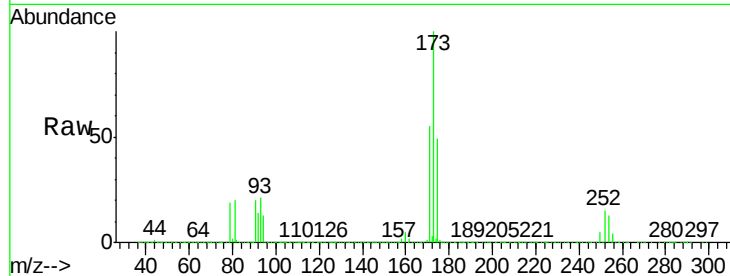
#71
Bromoform
Concen: 53.314 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.7
254	0.3	0.1	0.1#

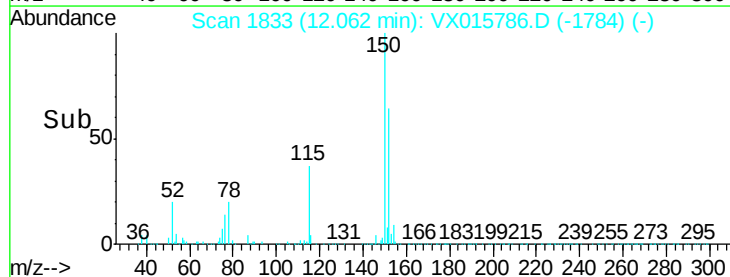
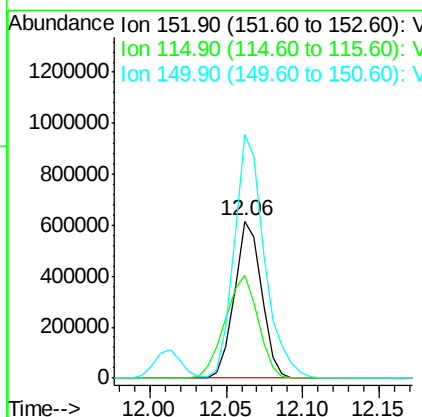
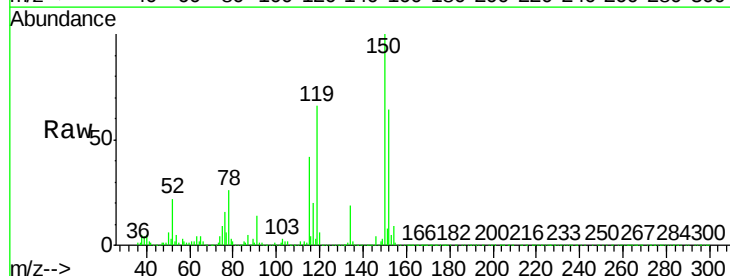
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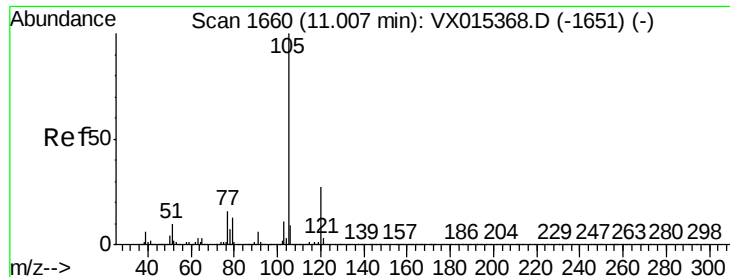
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	39.0	116.9
150	172.7	0.0	340.8





#73

Isopropylbenzene

Concen: 54.189 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2681074

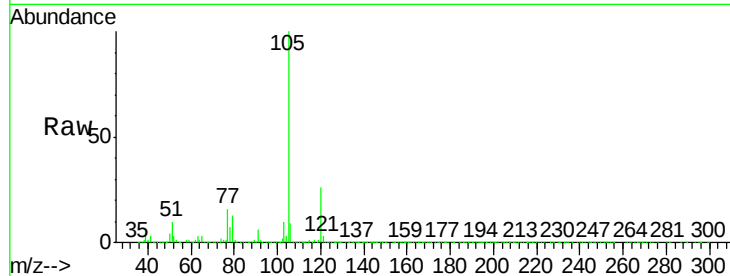
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

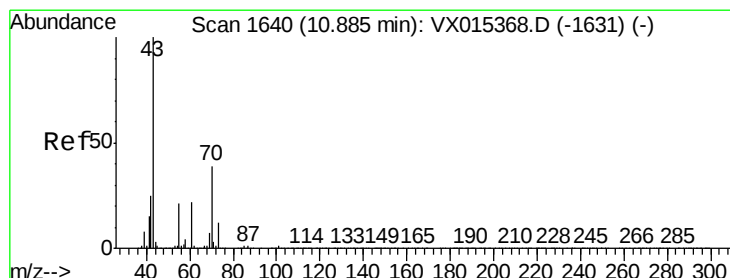
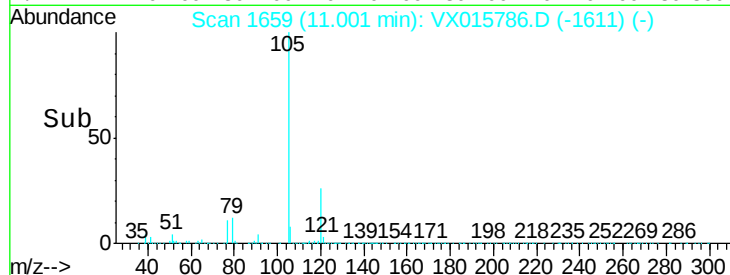
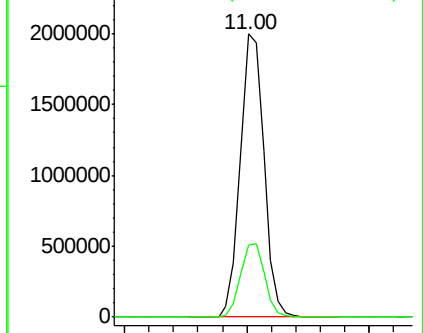
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.241 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Tgt Ion: 43 Resp: 1299953

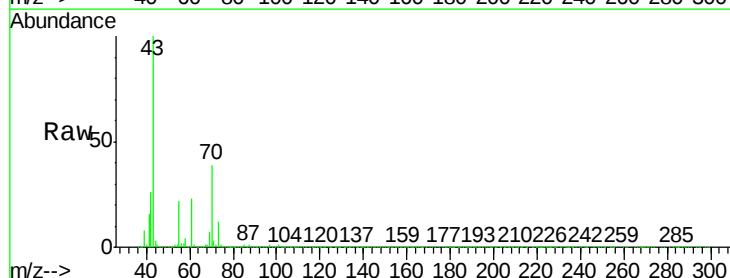
Ion Ratio Lower Upper

43 100

70 40.2 30.2 45.4

55 22.3 16.8 25.2

61 23.2 18.2 27.2

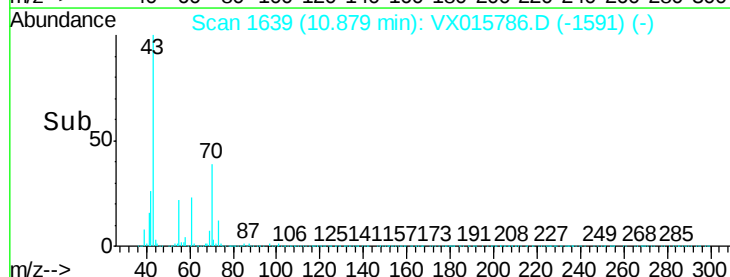
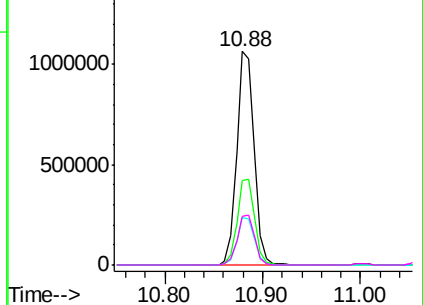


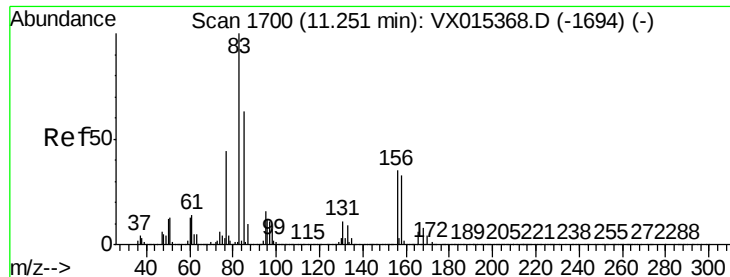
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.411 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 872805

Ion Ratio Lower Upper

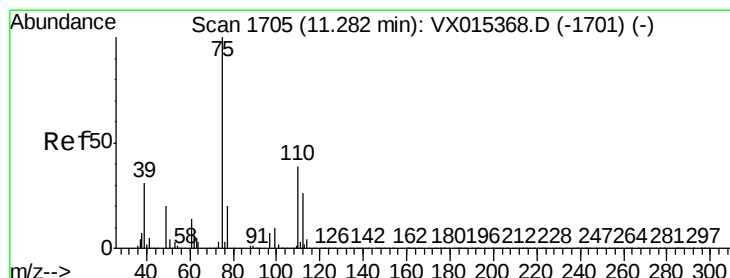
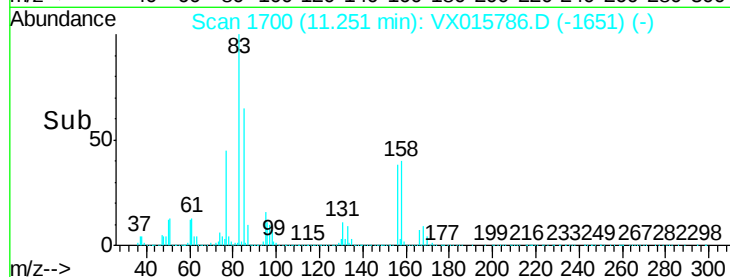
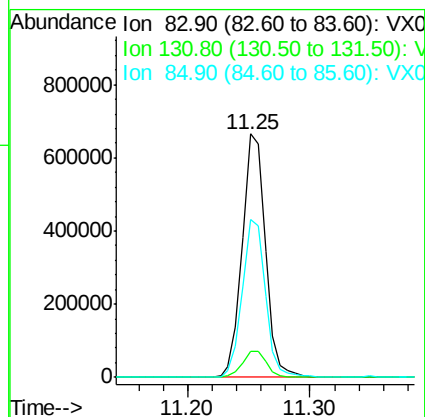
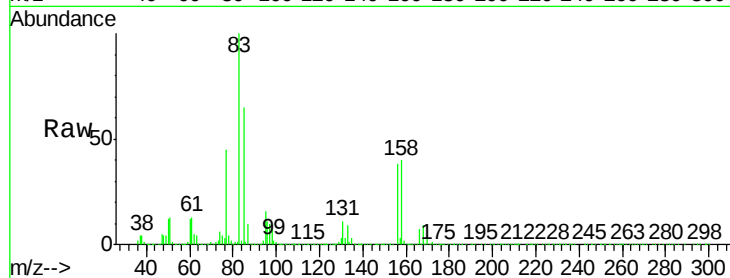
83 100

131 11.1 5.3 16.1

85 64.8 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 50.356 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015786.D

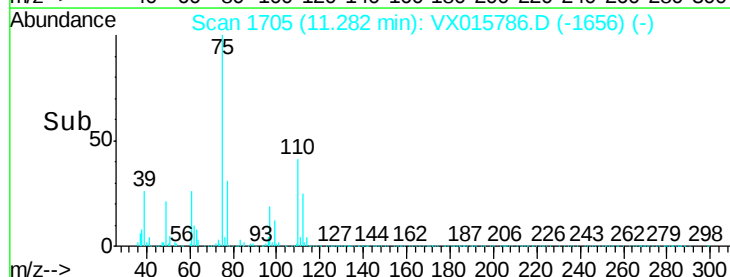
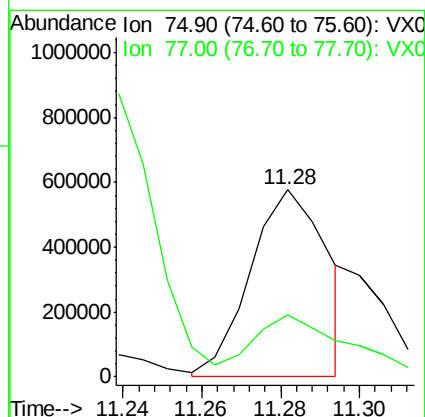
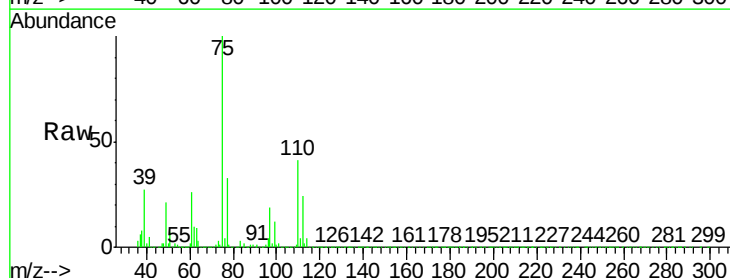
Acq: 21 Apr 2020 11:44

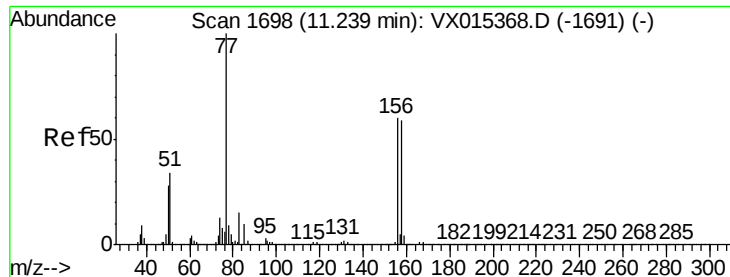
Tgt Ion: 75 Resp: 781944

Ion Ratio Lower Upper

75 100

77 41.1 21.2 63.6





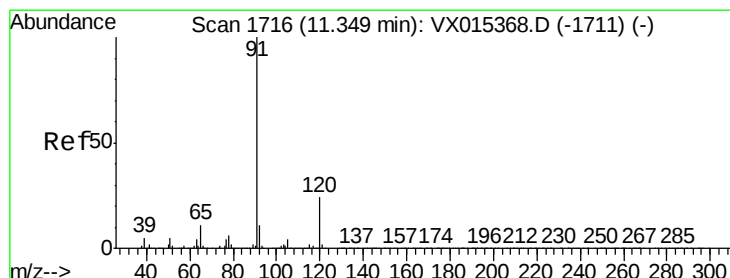
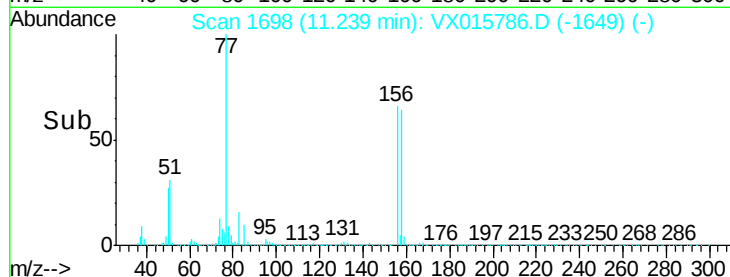
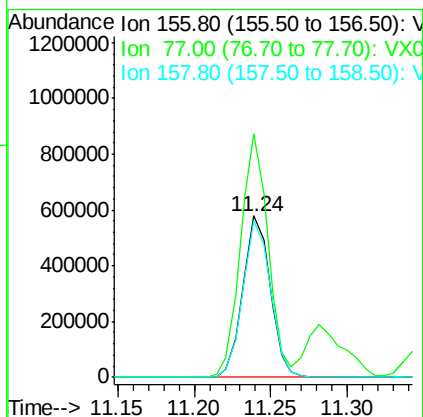
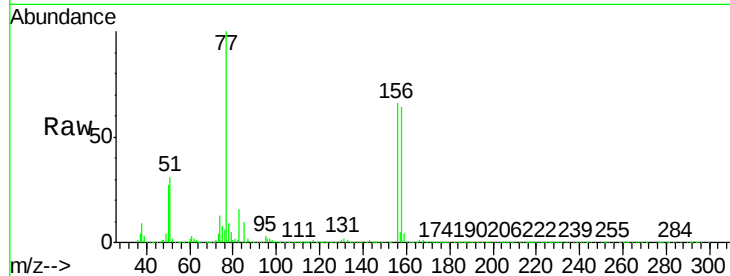
#77
Bromobenzene
Concen: 54.689 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.2	82.2	246.5
158	98.3	49.3	147.9

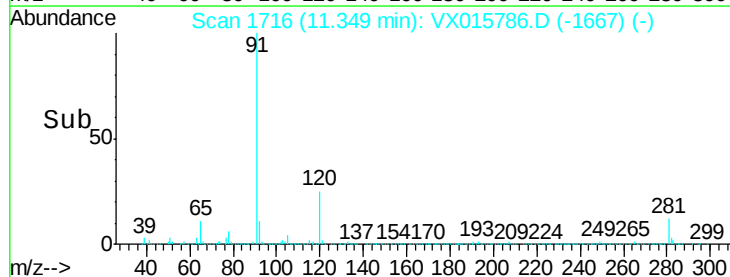
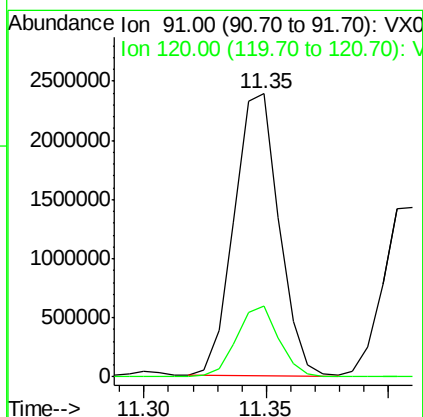
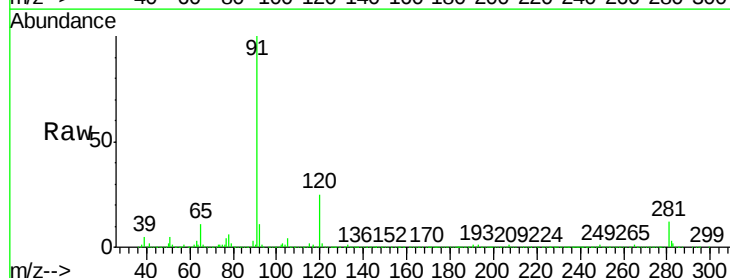
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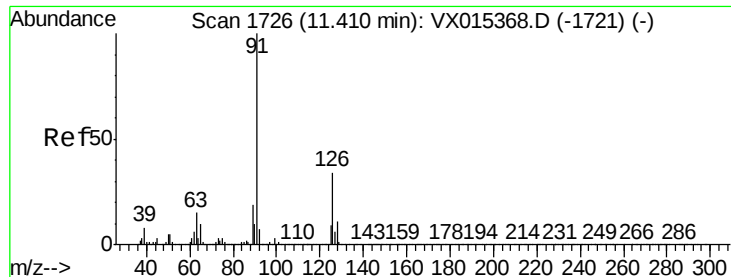
MMDadoda
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#78
n-propylbenzene
Concen: 53.941 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 52.871 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1833342

Ion Ratio Lower Upper

91 100

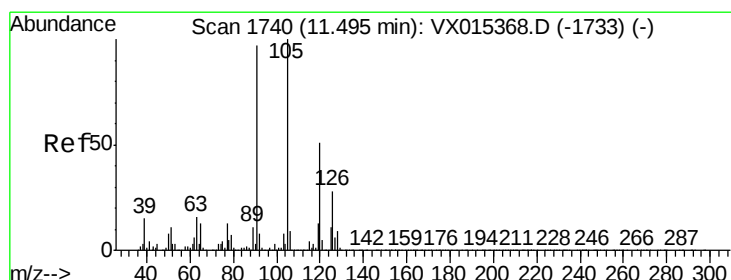
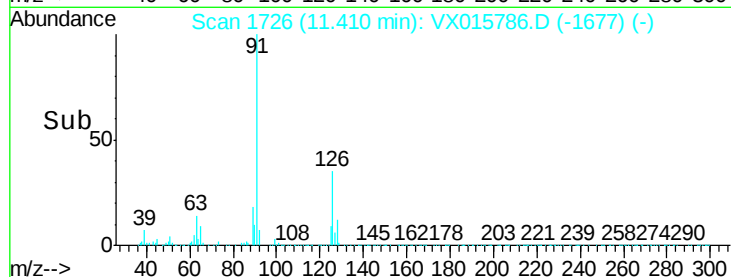
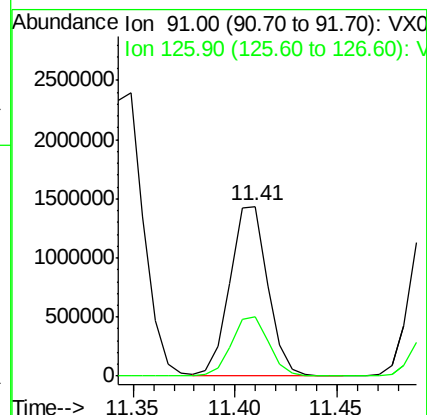
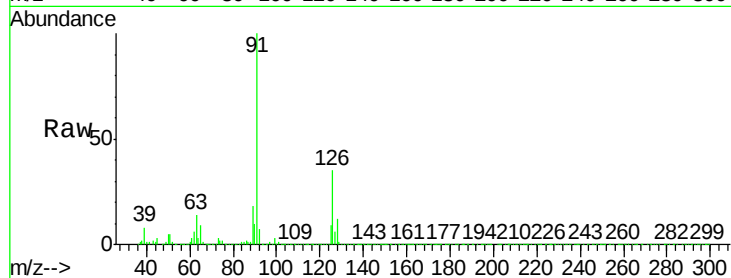
126 34.5 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 53.928 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015786.D

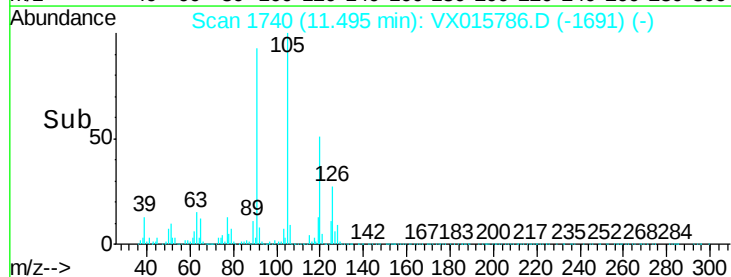
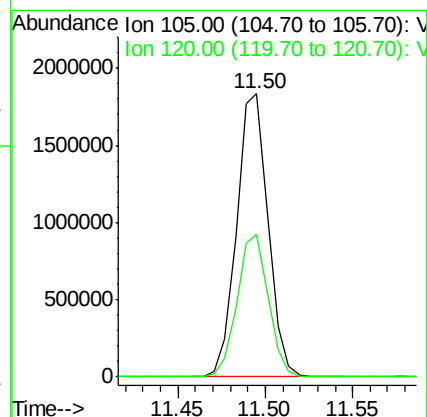
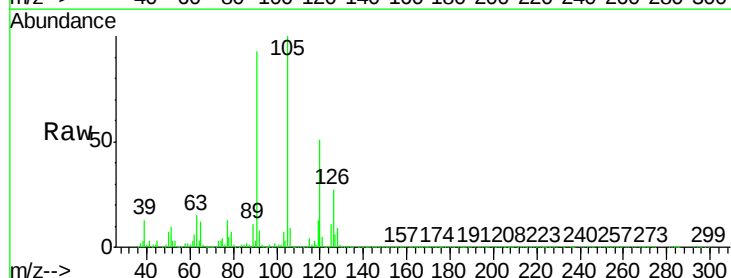
Acq: 21 Apr 2020 11:44

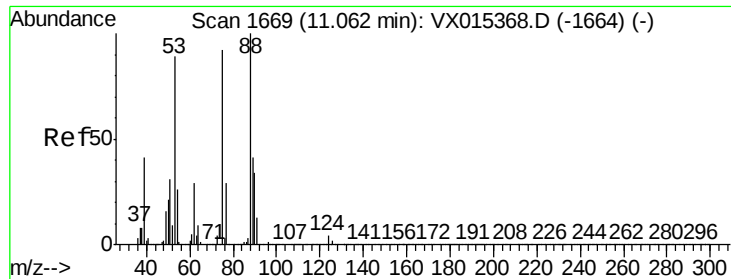
Tgt Ion: 105 Resp: 2278687

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4





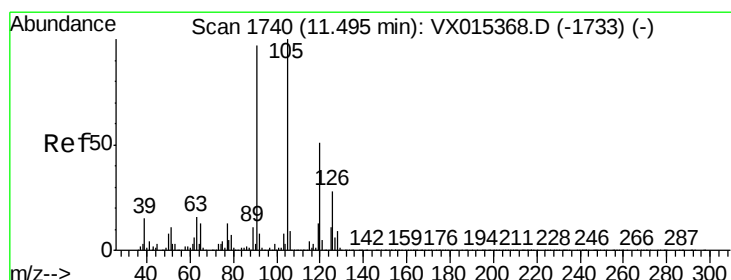
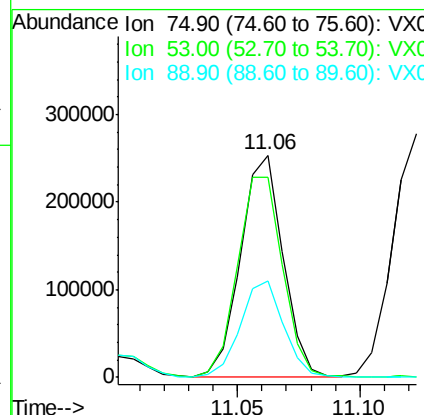
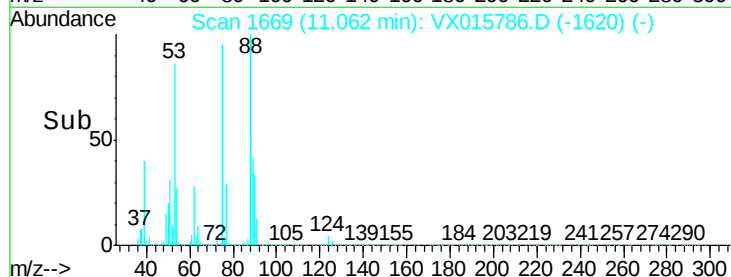
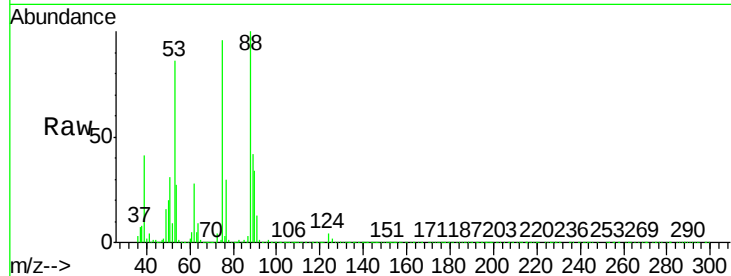
#81
trans-1,4-Dichloro-2-butene
Concen: 47.230 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	80.1	120.1
89	44.3	36.1	54.1

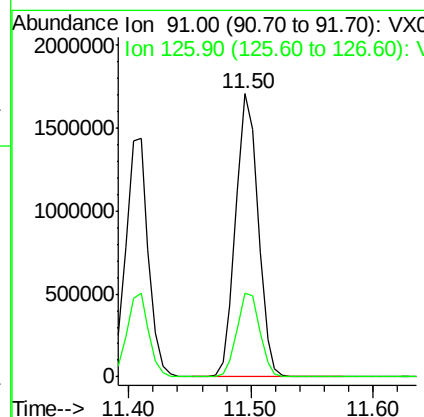
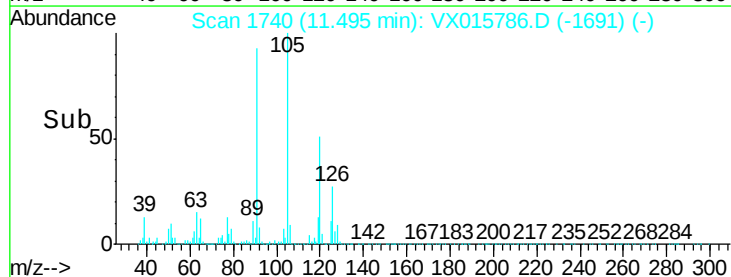
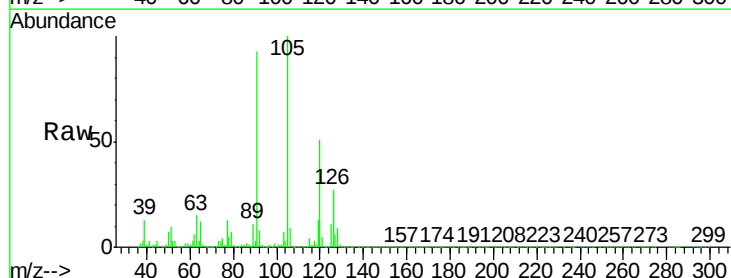
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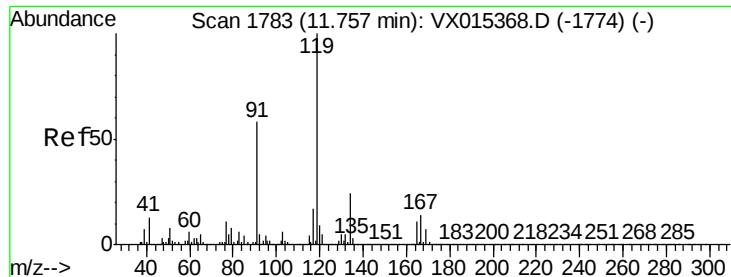
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#82
4-Chlorotoluene
Concen: 53.071 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.7	44.1





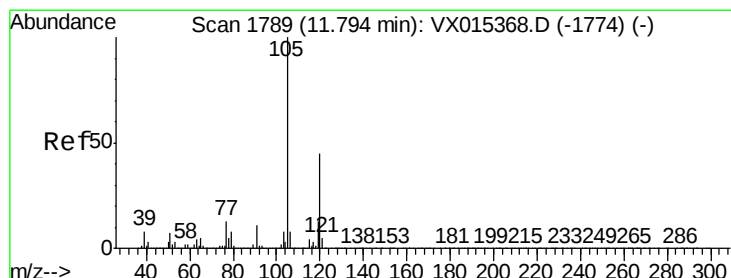
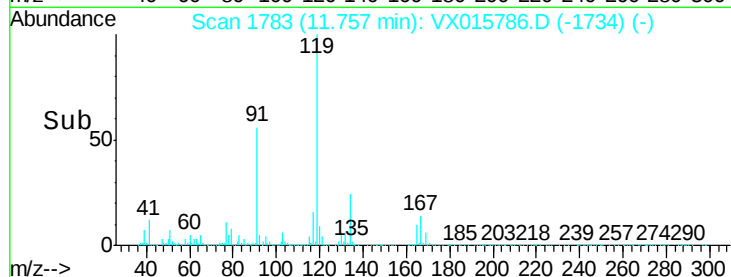
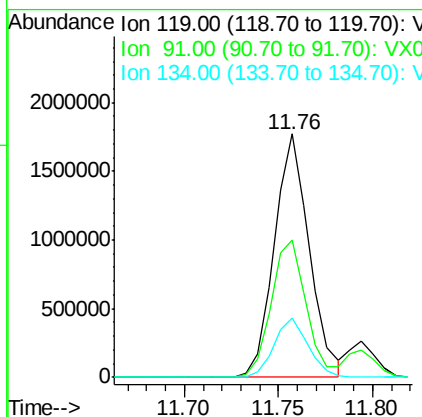
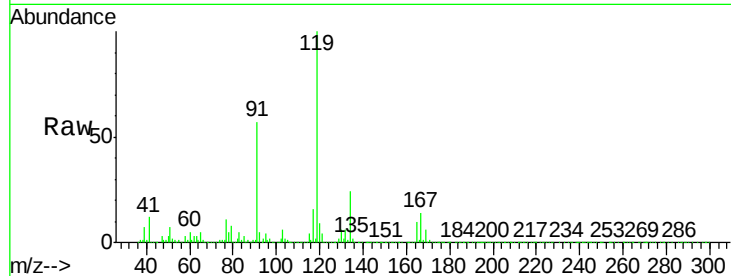
#83
tert-Butylbenzene
Concen: 54.996 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	28.6	85.8
134	23.8	11.8	35.3

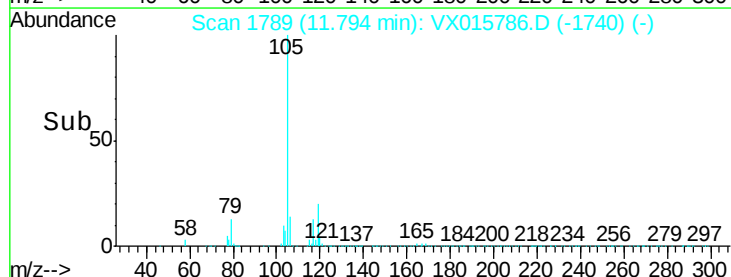
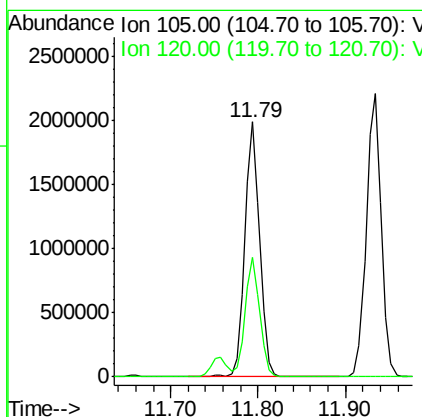
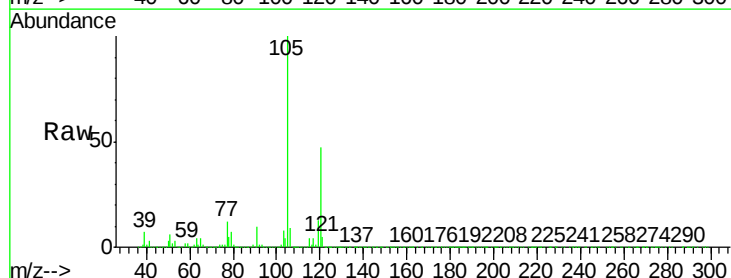
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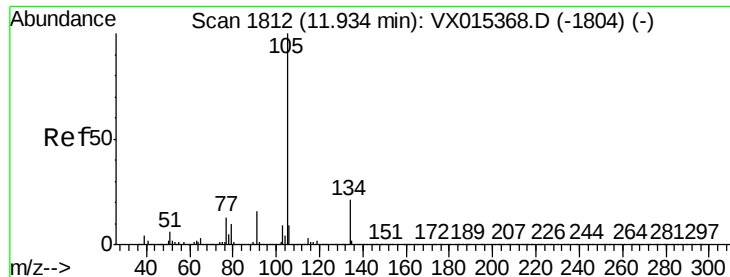
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#84
1,2,4-Trimethylbenzene
Concen: 54.013 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 55.418 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2645342

Ion Ratio Lower Upper

105 100

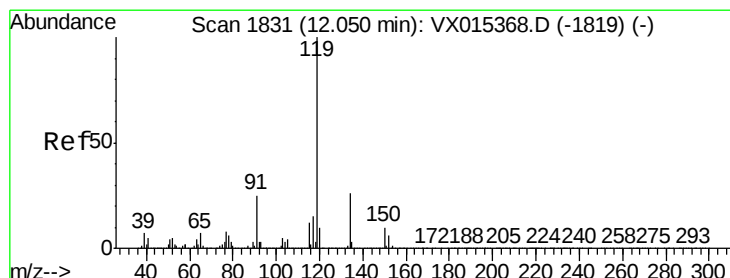
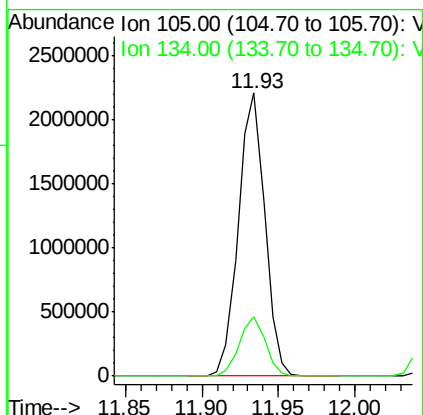
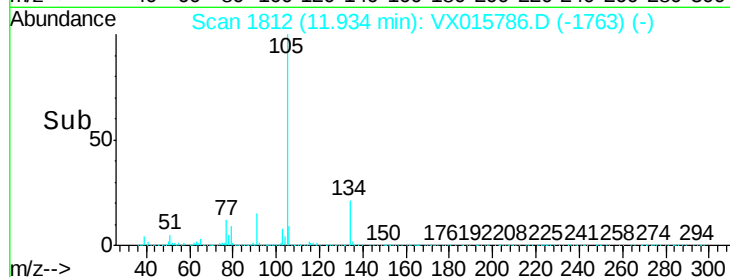
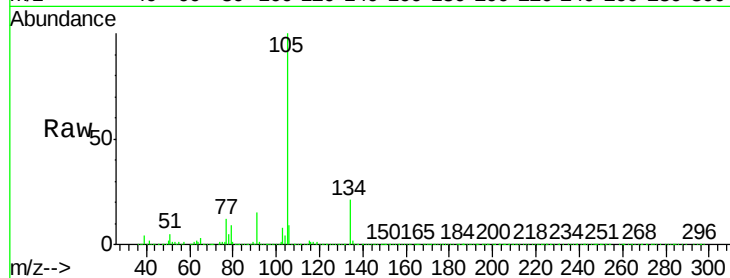
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 56.577 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015786.D

Acq: 21 Apr 2020 11:44

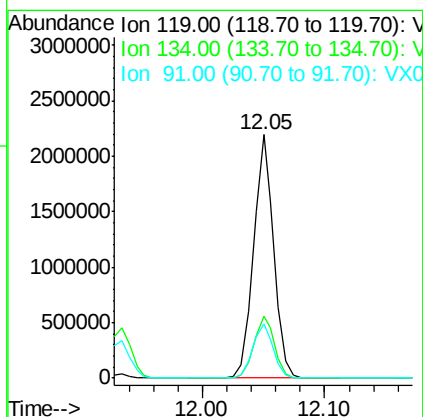
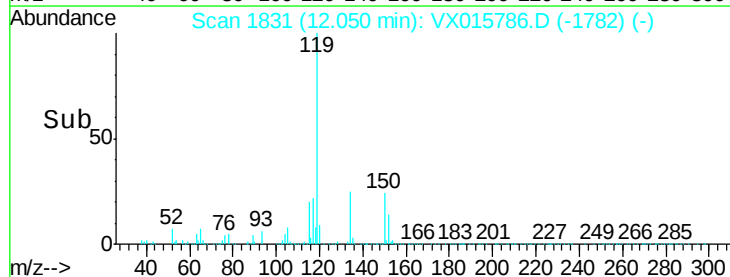
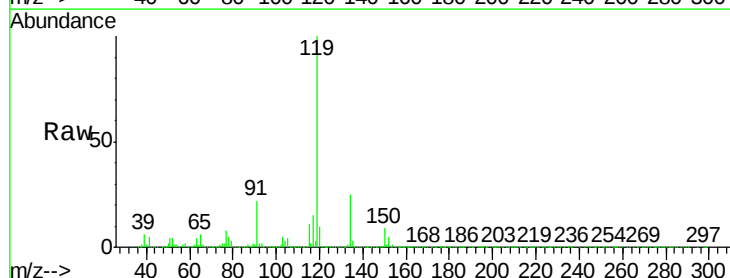
Tgt Ion:119 Resp: 2507142

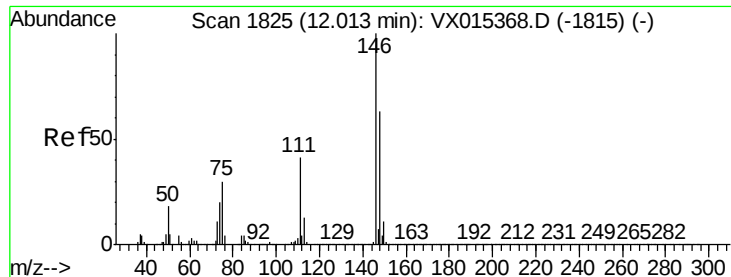
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 22.8 12.4 37.4





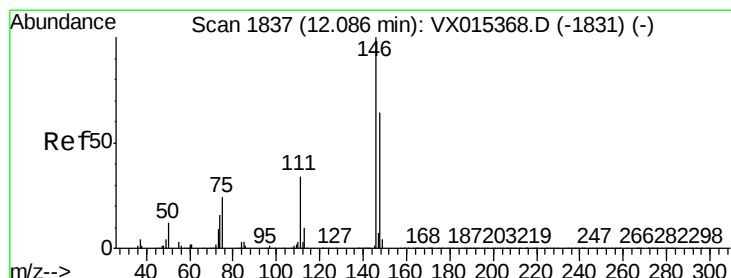
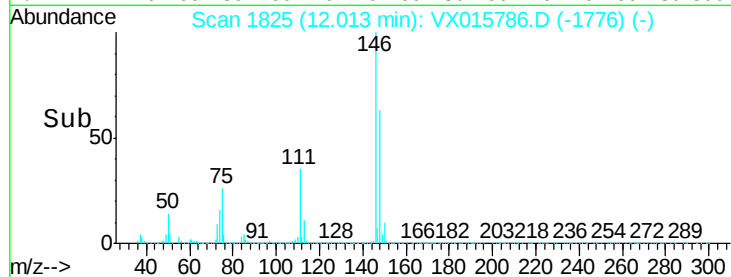
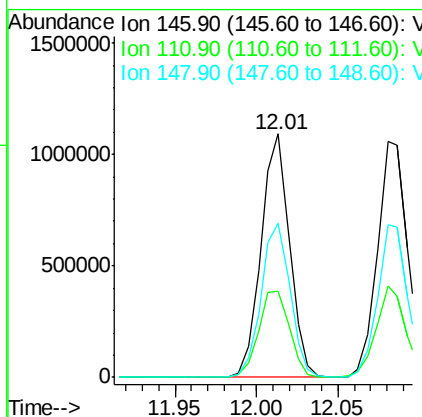
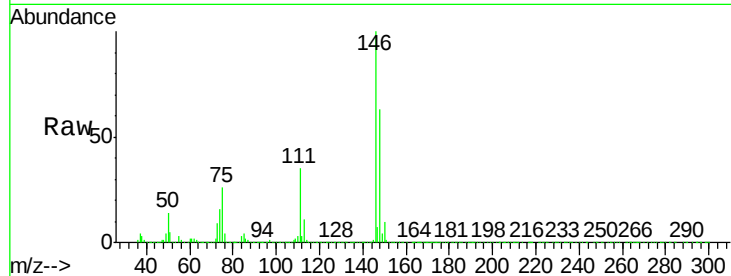
#87
 1,3-Dichlorobenzene
 Concen: 56.111 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.9
148	64.3	31.3	93.9

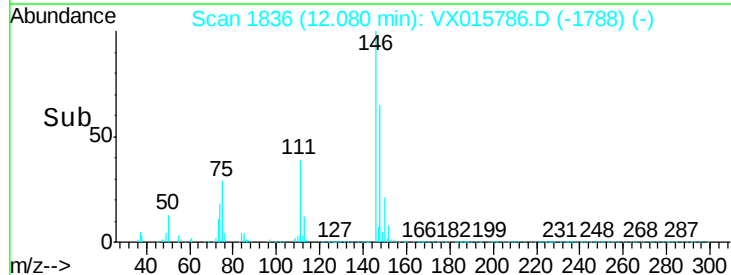
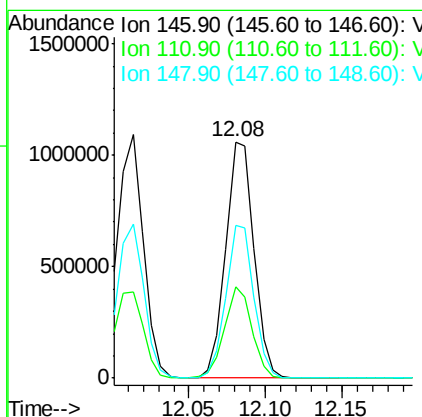
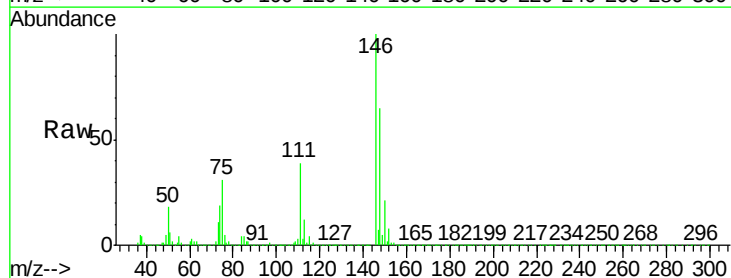
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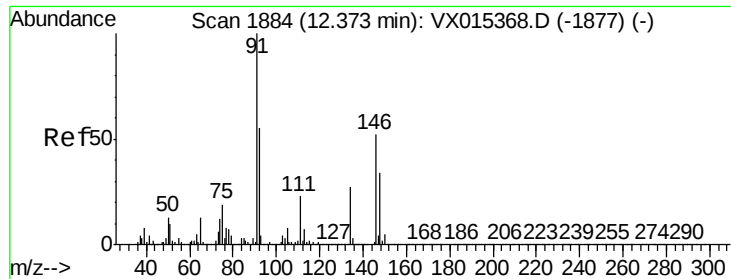
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#88
 1,4-Dichlorobenzene
 Concen: 56.197 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	64.1	32.4	97.2





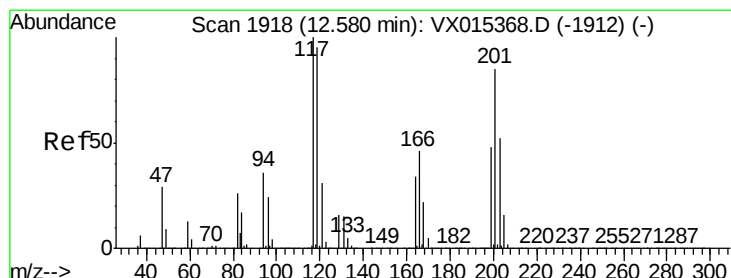
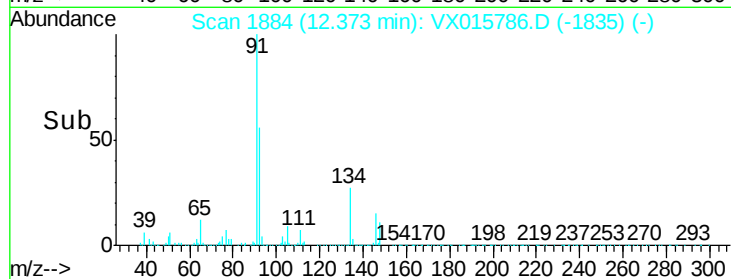
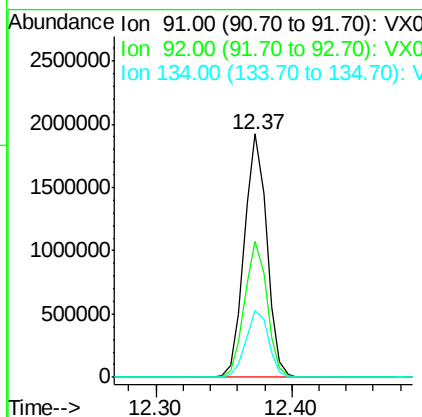
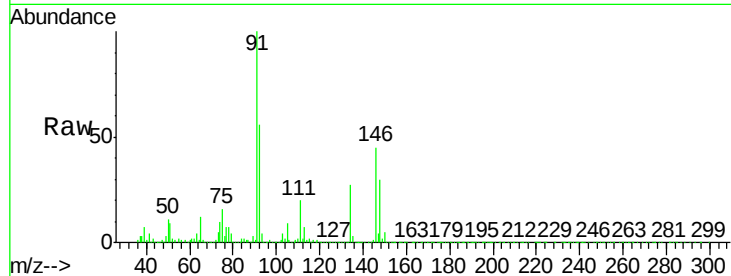
#89
n-Butylbenzene
Concen: 55.373 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2217452
Ion Ratio Lower Upper
91 100
92 55.7 27.2 81.5
134 27.9 13.4 40.2

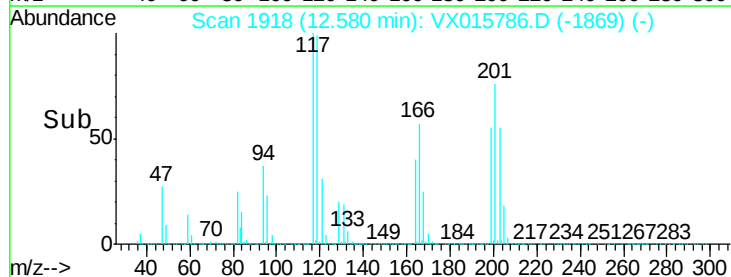
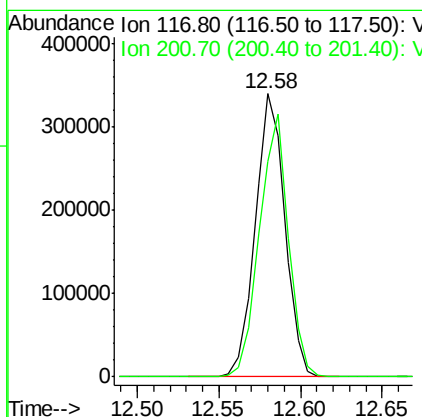
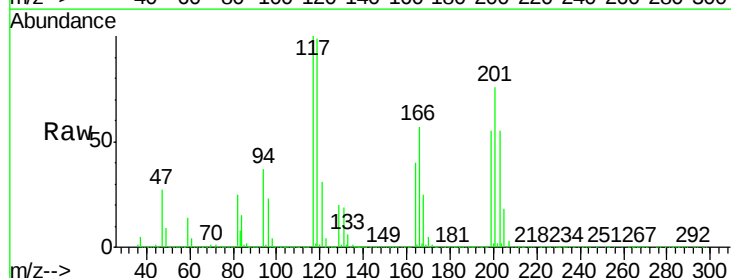
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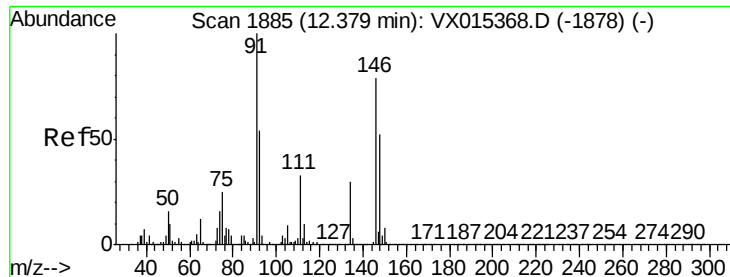
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#90
Hexachloroethane
Concen: 49.729 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion: 117 Resp: 428921
Ion Ratio Lower Upper
117 100
201 90.3 42.6 128.0





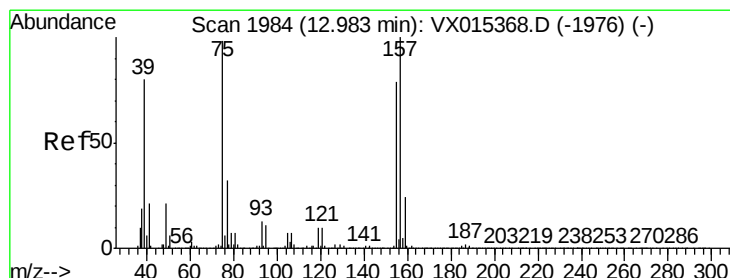
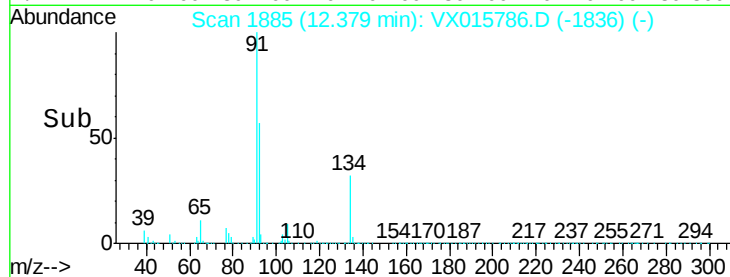
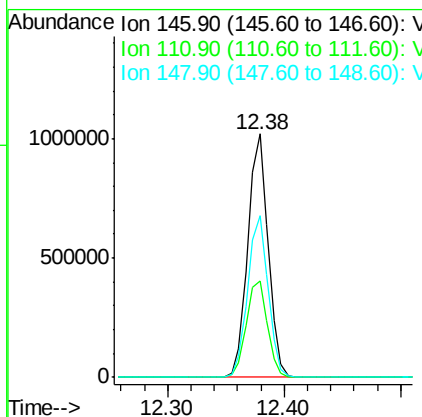
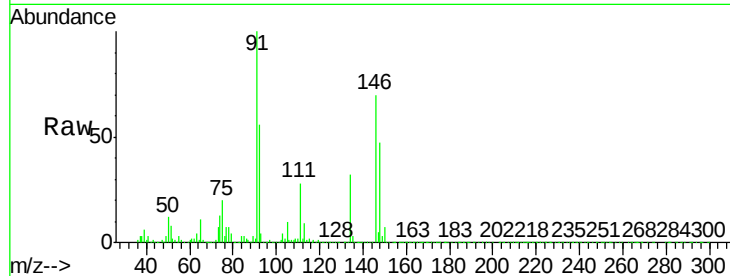
#91
 1,2-Dichlorobenzene
 Concen: 53.998 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	66.9	32.4	97.0

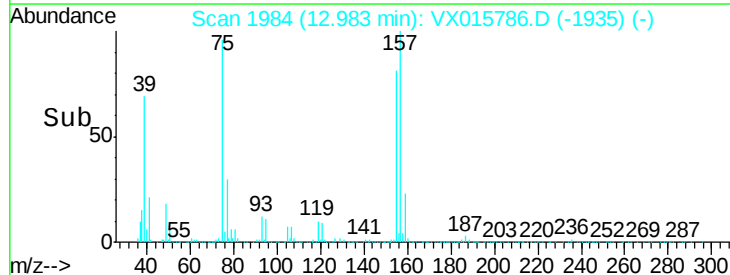
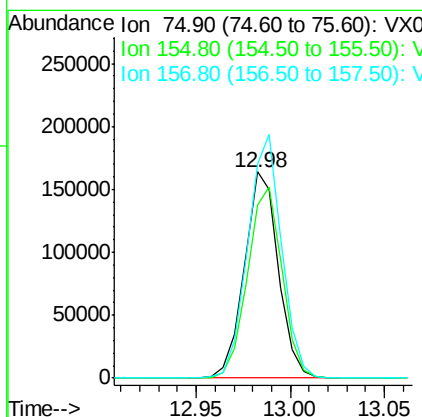
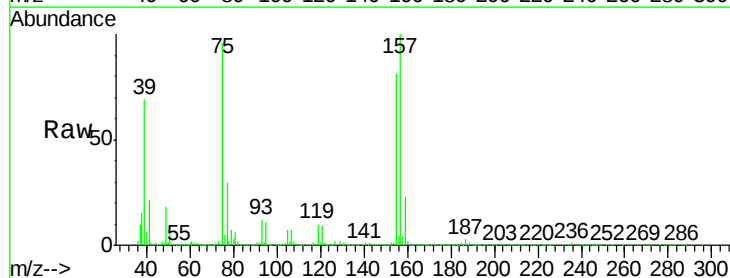
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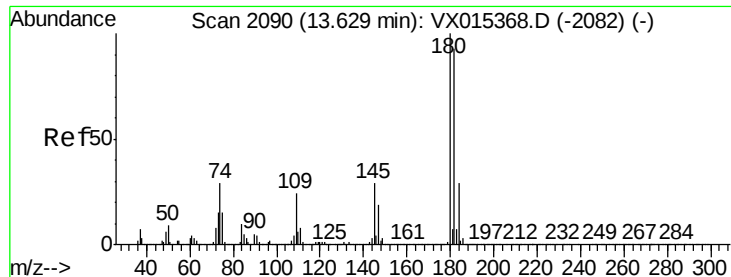
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.376 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	42.8	128.4
157	118.7	53.4	160.3





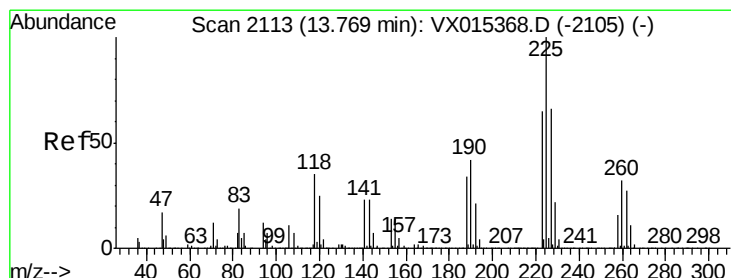
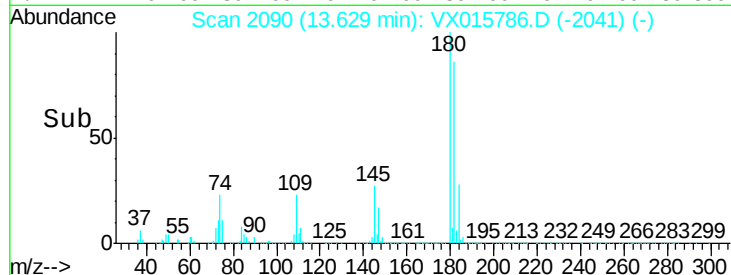
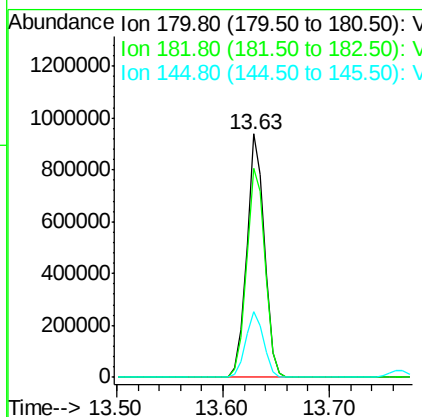
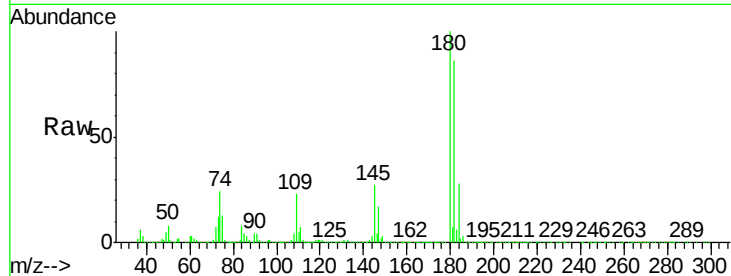
#93
 1,2,4-Trichlorobenzene
 Concen: 59.263 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.2	46.9	140.7
145	27.5	14.9	44.5

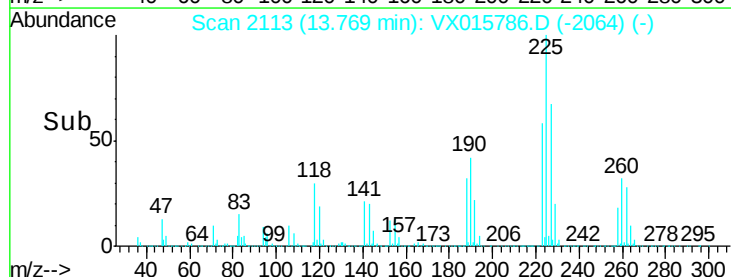
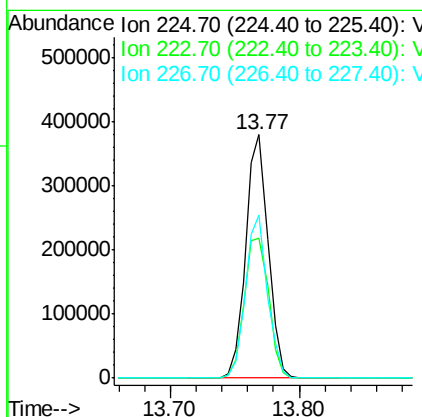
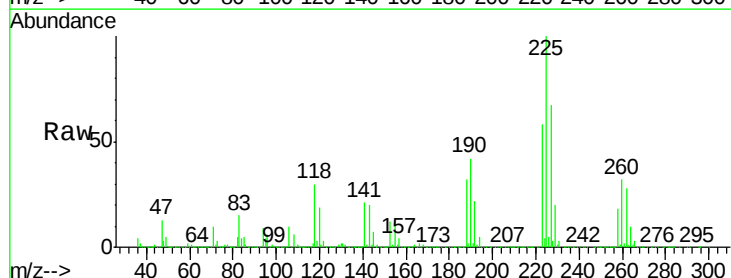
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#94
 Hexachlorobutadiene
 Concen: 51.965 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015786.D
 Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	65.4	30.4	91.3





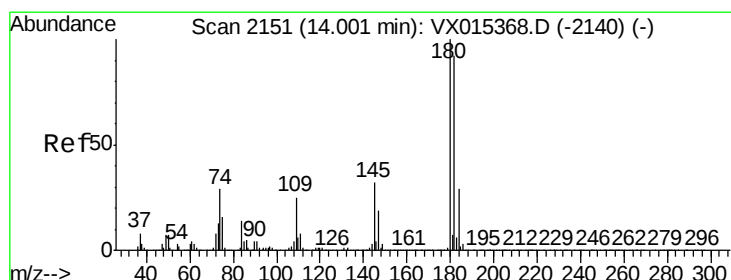
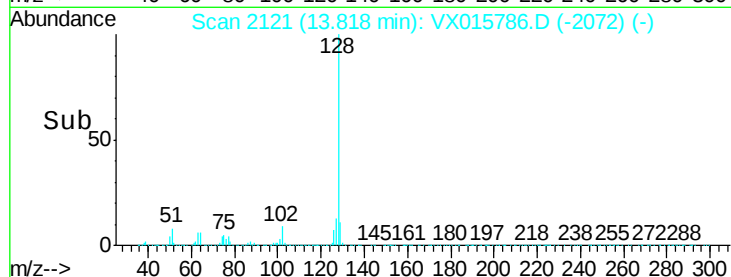
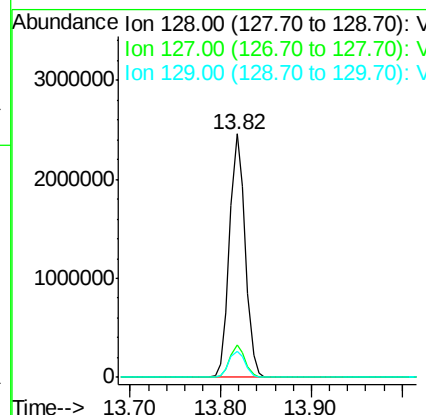
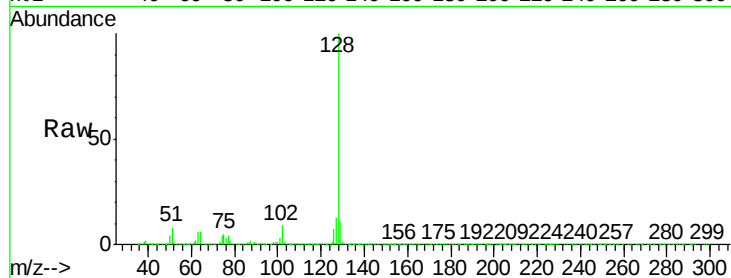
#95
Naphthalene
Concen: 52.839 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:02:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 58.215 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015786.D
Acq: 21 Apr 2020 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.7	140.0
145	30.1	15.8	47.3

