

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122619\
 Data File : VX014300.D
 Acq On : 27 Dec 2019 04:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/27/2019 12:03:35 PM

Quant Time: Dec 27 07:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	748061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	272771	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	227442	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	875136	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	310400	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	182610	43.871	ug/l	100
3) Chloromethane	1.32	50	266413	47.692	ug/l	97
4) Vinyl Chloride	1.40	62	282373	47.906	ug/l	98
5) Bromomethane	1.63	94	188789	45.127	ug/l	96
6) Chloroethane	1.71	64	181514	49.895	ug/l	96
7) Trichlorofluoromethane	1.92	101	356427	48.848	ug/l	98
8) Diethyl Ether	2.18	74	167934	49.040	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210752	47.916	ug/l	99
10) Methyl Iodide	2.50	142	282061	48.700	ug/l	98
11) Tert butyl alcohol	3.03	59	319801	280.670	ug/l	98
12) 1,1-Dichloroethene	2.36	96	217614	48.622	ug/l	99
13) Acrolein	2.28	56	172884	265.062	ug/l	98
14) Allyl chloride	2.72	41	407778	51.029	ug/l	97
15) Acrylonitrile	3.13	53	728435	273.900	ug/l	100
16) Acetone	2.43	43	625720	182.775	ug/l	100
17) Carbon Disulfide	2.56	76	543033	43.799	ug/l	99
18) Methyl Acetate	2.76	43	385054	56.762	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	767176	52.164	ug/l	98
20) Methylene Chloride	2.85	84	263572	48.891	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	237904	48.249	ug/l	99
22) Diisopropyl ether	3.84	45	857050	53.821	ug/l	98
23) Vinyl Acetate	3.80	43	3630115	279.345	ug/l	100
24) 1,1-Dichloroethane	3.69	63	449596	50.747	ug/l	99
25) 2-Butanone	4.65	43	1030949	244.260	ug/l	97
26) 2,2-Dichloropropane	4.58	77	249383	36.254	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	285698	51.233	ug/l	95
28) Bromochloromethane	5.00	49	194655	57.065	ug/l	96
29) Tetrahydrofuran	5.11	42	674917	285.891	ug/l	98
30) Chloroform	5.20	83	434790	51.769	ug/l	98
31) Cyclohexane	5.57	56	397992	50.508	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	358341	50.062	ug/l	99
36) 1,1-Dichloropropene	5.79	75	323966	47.199	ug/l	99
37) Ethyl Acetate	4.82	43	396153	52.265	ug/l	100
38) Carbon Tetrachloride	5.78	117	300956	48.130	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384542	45.372	ug/l	99
40) Benzene	6.14	78	1025596	48.562	ug/l	99
41) Methacrylonitrile	5.03	41	222561	52.920	ug/l	98
42) 1,2-Dichloroethane	6.19	62	347762	48.577	ug/l	100
43) Isopropyl Acetate	6.44	43	648105	51.667	ug/l	100
44) Trichloroethene	7.21	130	273520	46.889	ug/l	97
45) 1,2-Dichloropropane	7.51	63	275277	50.854	ug/l	97
46) Dibromomethane	7.65	93	171307	47.866	ug/l	99
47) Bromodichloromethane	7.89	83	337684	50.100	ug/l	100
48) Methyl methacrylate	7.76	41	319143	51.957	ug/l	99
49) 1,4-Dioxane	7.73	88	135509	1084.071	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2071253	262.922	ug/l	99
52) Toluene	8.78	92	639305	47.892	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	354793	48.005	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	397248	48.246	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	266681	49.846	ug/l	99
56) Ethyl methacrylate	9.17	69	432265	51.435	ug/l	99
57) 1,3-Dichloropropane	9.37	76	448360	49.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	861428	270.854	ug/l	99
59) 2-Hexanone	9.49	43	1572528	247.967	ug/l	100
60) Dibromochloromethane	9.57	129	269548	50.686	ug/l	99
61) 1,2-Dibromoethane	9.67	107	275400	50.311	ug/l	100
64) Tetrachloroethene	9.33	164	294271	49.295	ug/l	97
65) Chlorobenzene	10.14	112	680702	47.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	257924	50.359	ug/l	98
67) Ethyl Benzene	10.25	91	1199221	48.628	ug/l	100
68) m/p-Xylenes	10.36	106	914816	96.449	ug/l	100
69) o-Xylene	10.70	106	449833	48.357	ug/l	99
70) Styrene	10.71	104	770677	48.994	ug/l	99
71) Bromoform	10.86	173	206453	50.147	ug/l	99
73) Isopropylbenzene	11.01	105	1182059	49.944	ug/l	100
74) N-amyl acetate	10.89	43	579088	52.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	405895	49.467	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	333938m	45.759	ug/l	
77) Bromobenzene	11.25	156	307873	47.279	ug/l	99
78) n-propylbenzene	11.35	91	1327042	49.988	ug/l	100
79) 2-Chlorotoluene	11.42	91	791643	49.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	979257	49.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	121087	46.832	ug/l	97
82) 4-Chlorotoluene	11.51	91	904039	48.296	ug/l	100
83) tert-Butylbenzene	11.76	119	950011	49.010	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	987450	49.503	ug/l	100
85) sec-Butylbenzene	11.94	105	1135790	49.634	ug/l	99
86) p-Isopropyltoluene	12.06	119	1036469	49.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	536243	46.987	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	537645	46.331	ug/l	99
89) n-Butylbenzene	12.39	91	878290	49.174	ug/l	100
90) Hexachloroethane	12.59	117	184846	49.164	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	548753	47.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87564	48.224	ug/l	98

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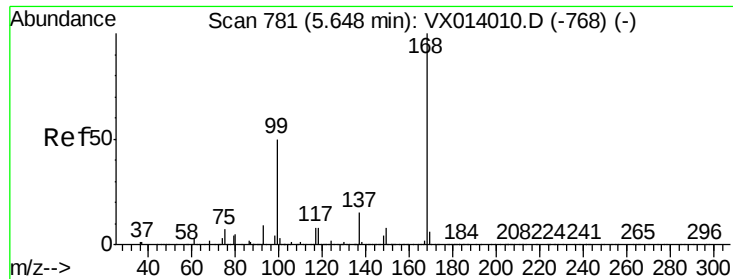
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	357619	47.892	ug/l	99
94) Hexachlorobutadiene	13.78	225	166603	46.424	ug/l	97
95) Naphthalene	13.83	128	1150729	52.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369145	50.080	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 465272

Ion Ratio Lower Upper

168 100

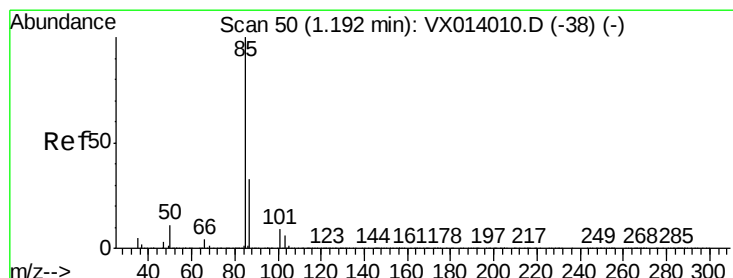
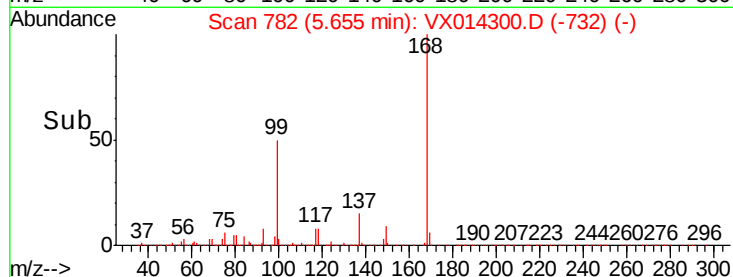
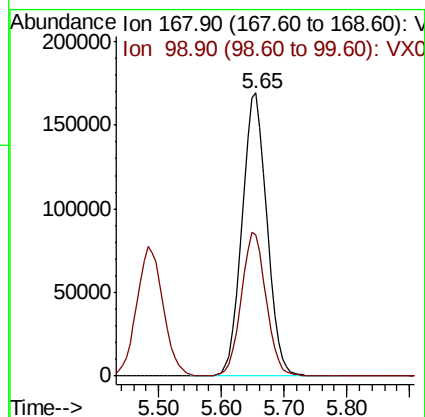
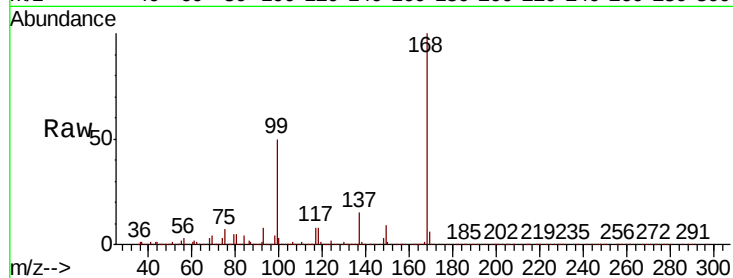
99 50.0 40.3 60.5

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#2

Dichlorodifluoromethane

Concen: 43.871 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014300.D

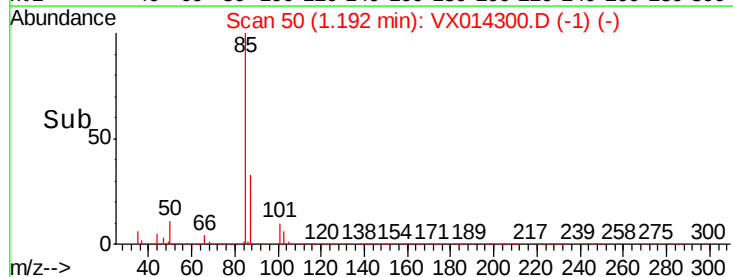
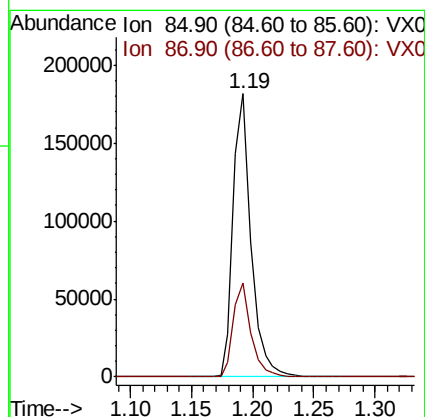
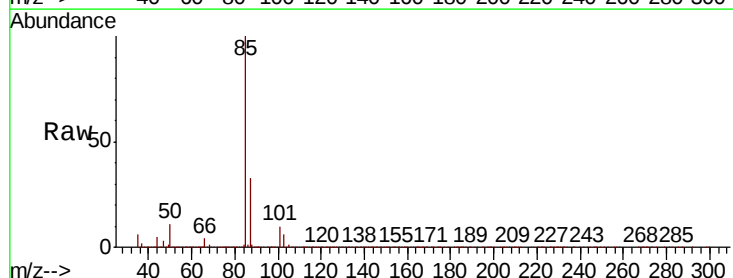
Acq: 27 Dec 2019 04:22

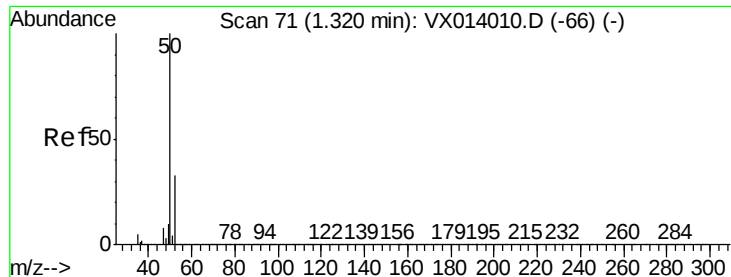
Tgt Ion: 85 Resp: 182610

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2





#3

Chloromethane

Concen: 47.692 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 266413

Ion Ratio Lower Upper

50 100

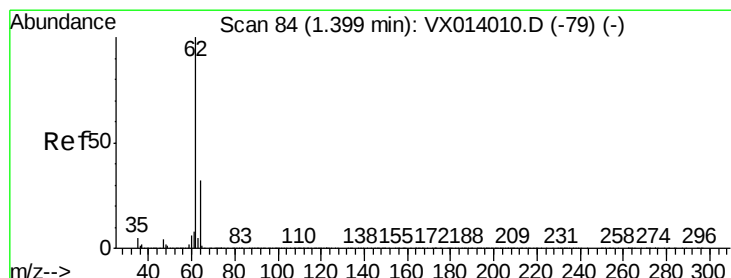
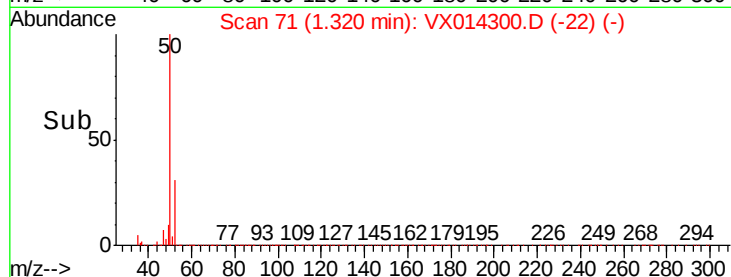
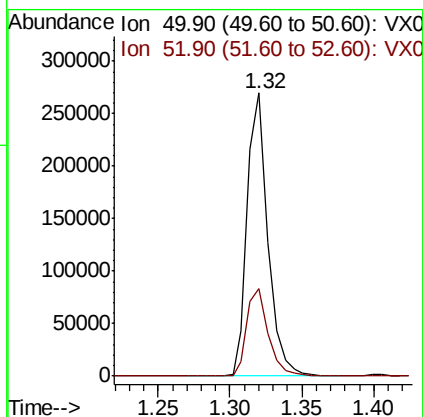
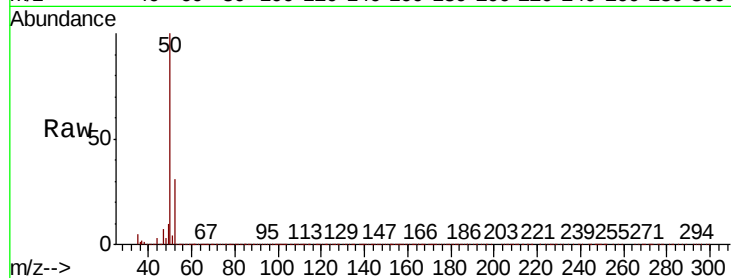
52 31.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.906 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014300.D

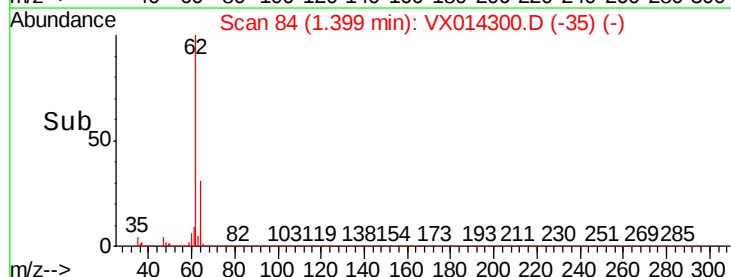
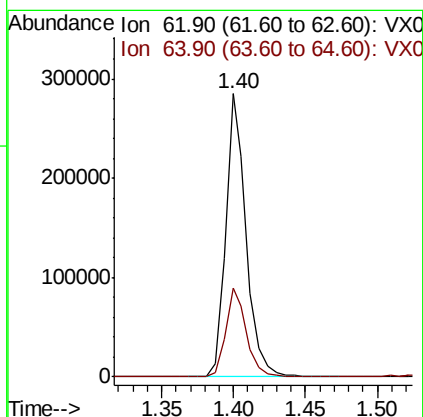
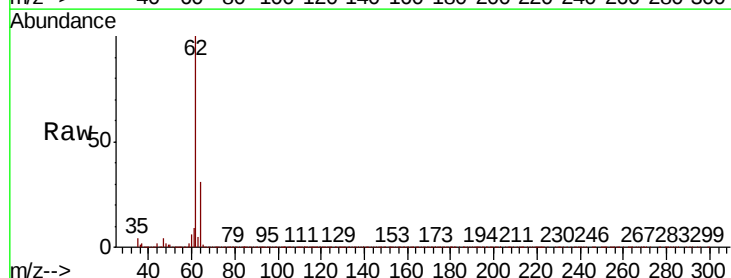
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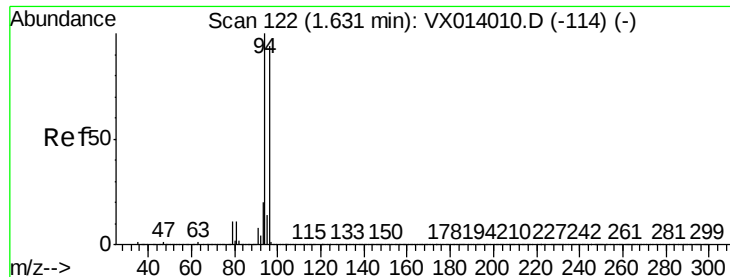
Tgt Ion: 62 Resp: 282373

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 45.127 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 188789

Ion Ratio Lower Upper

94 100

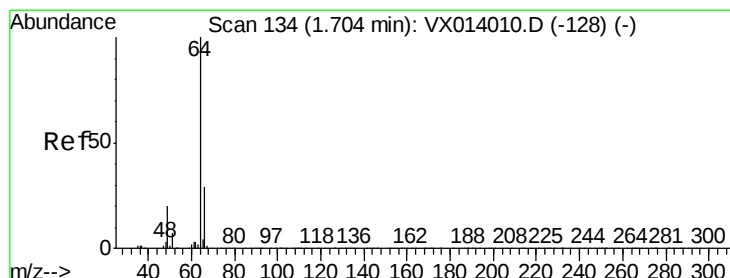
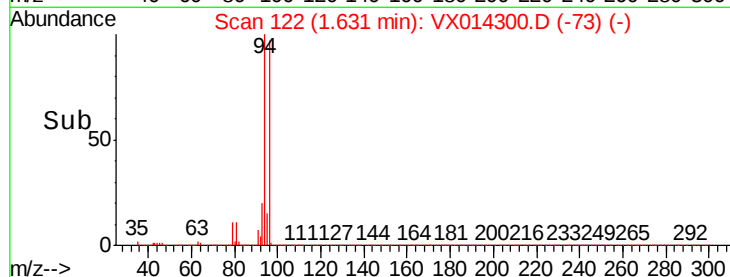
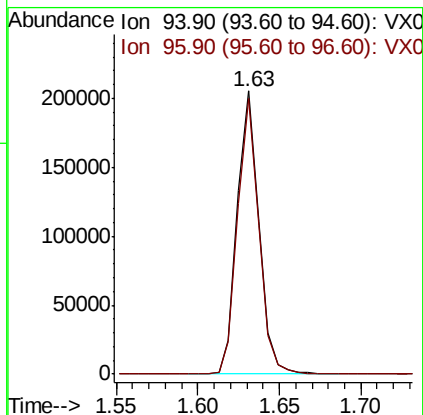
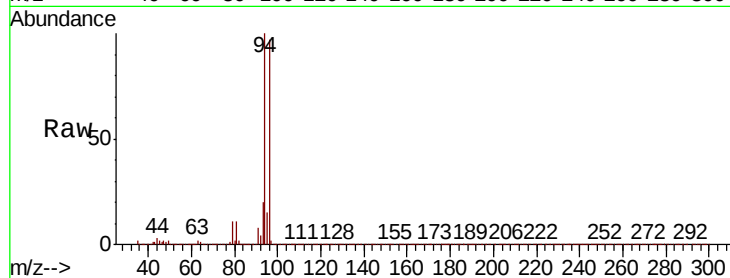
96 97.4 75.2 112.8

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#6

Chloroethane

Concen: 49.895 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014300.D

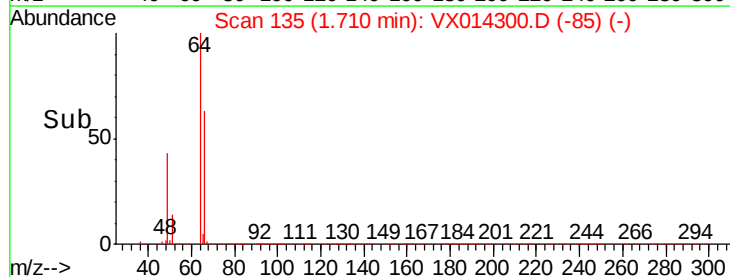
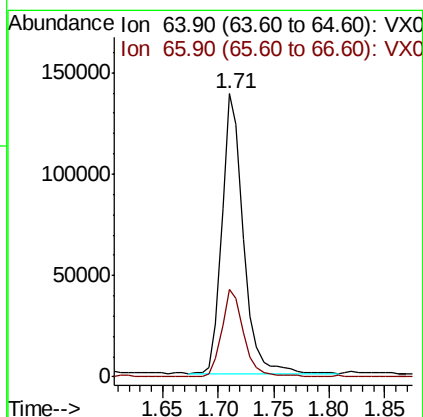
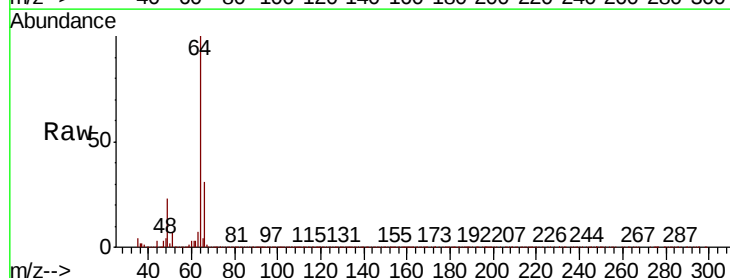
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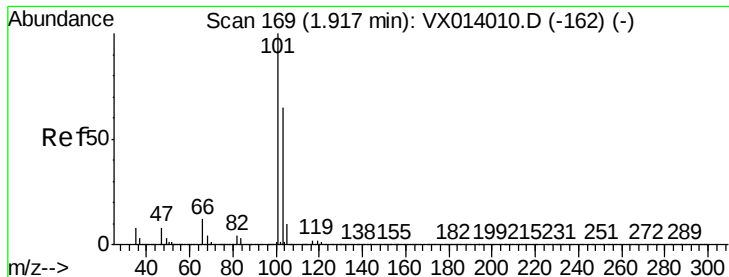
Tgt Ion: 64 Resp: 181514

Ion Ratio Lower Upper

64 100

66 31.2 23.4 35.2





#7

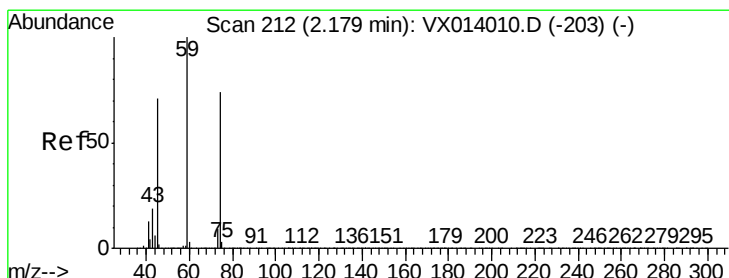
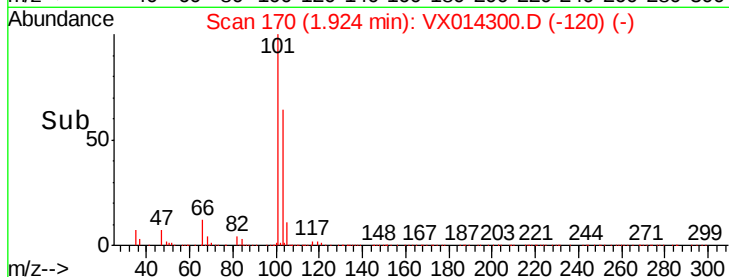
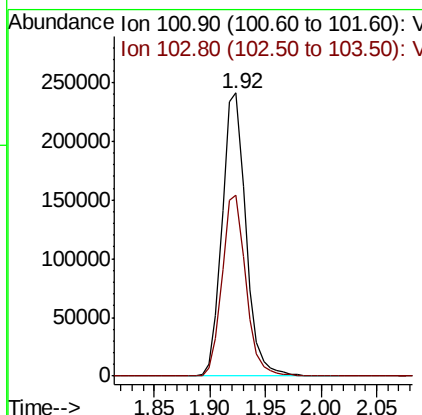
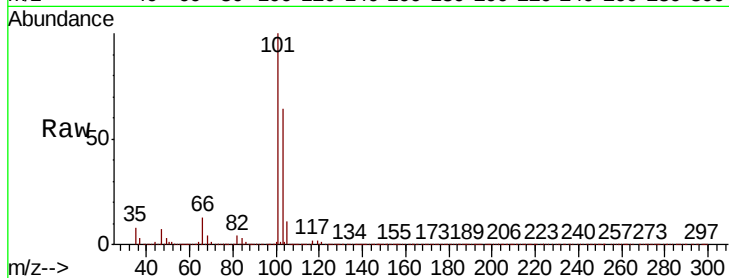
Trichlorofluoromethane
Concen: 48.848 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.2	78.4

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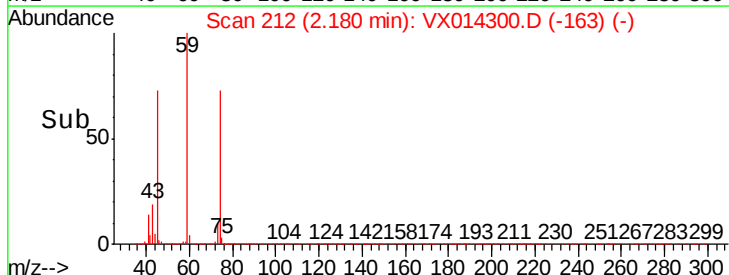
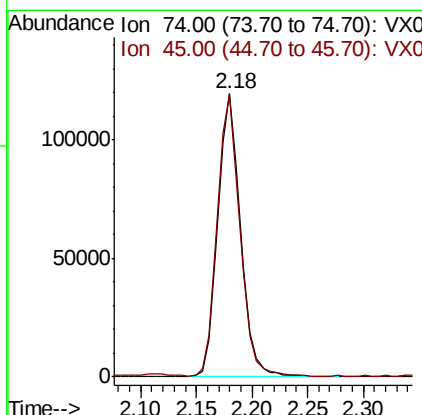
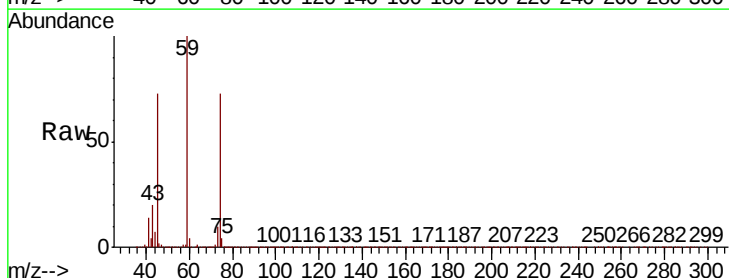
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#8

Diethyl Ether
Concen: 49.040 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	48.1	144.3





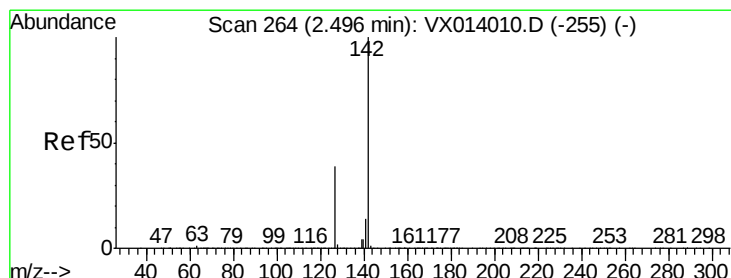
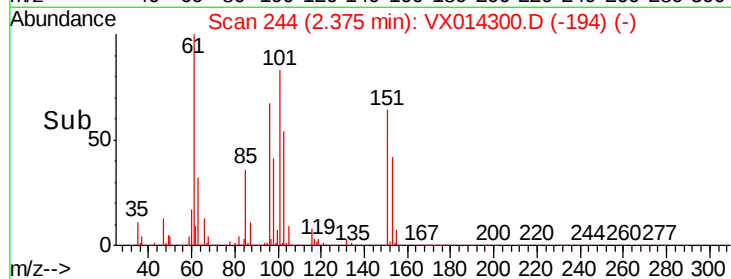
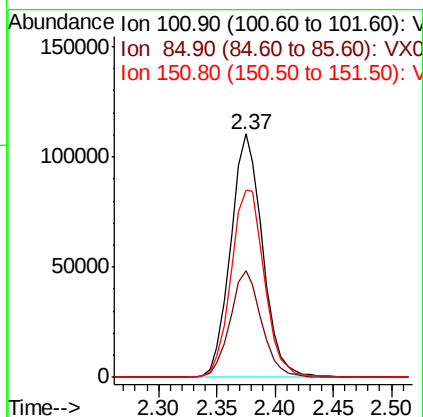
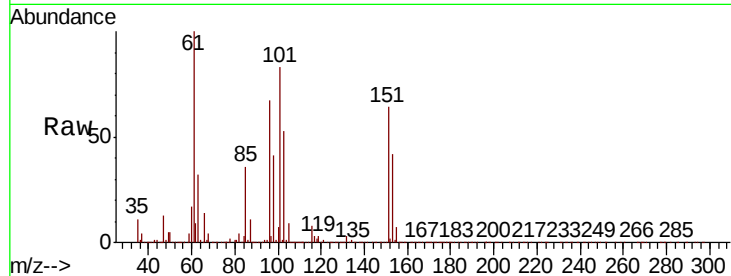
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.916 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	43.0	33.7	50.5
151	80.5	64.5	96.7

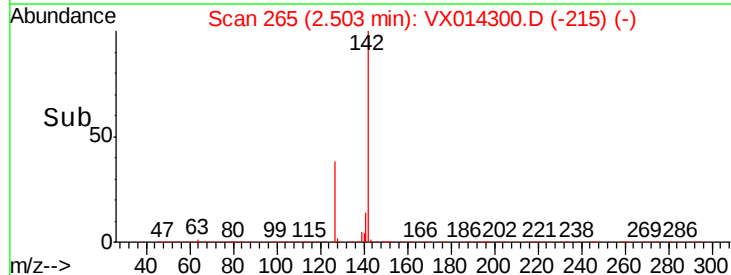
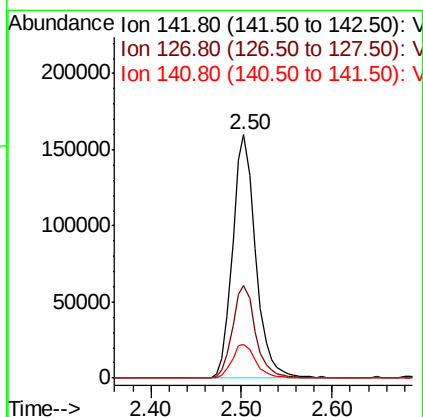
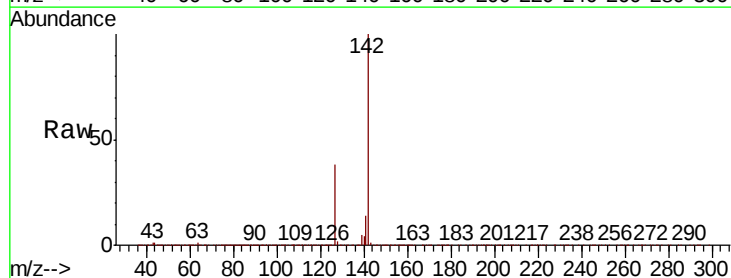
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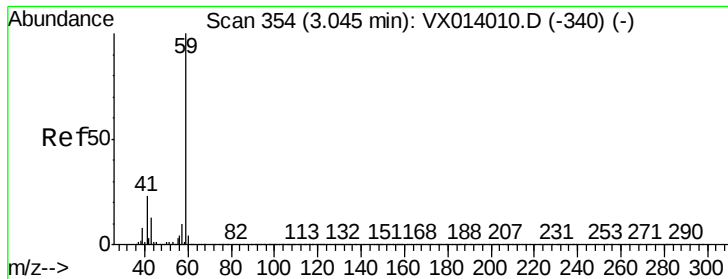
apatel
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#10
Methyl Iodide
Concen: 48.700 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	38.3	31.6	47.4
141	14.2	11.6	17.4





#11

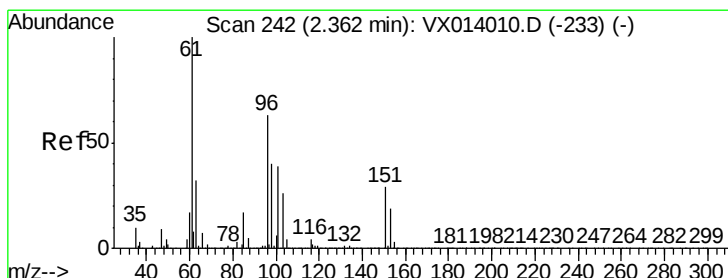
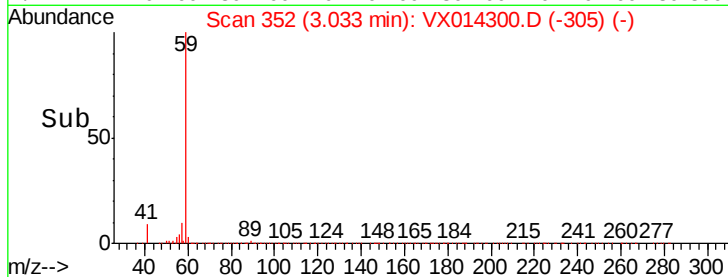
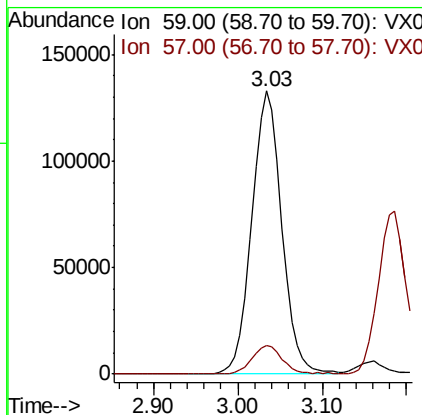
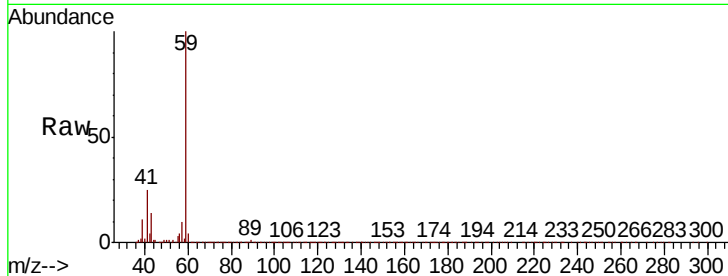
Tert butyl alcohol
Concen: 280.670 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

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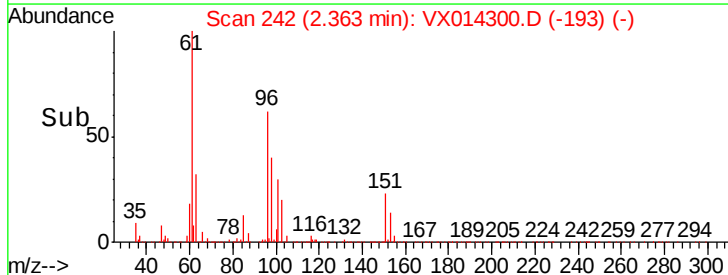
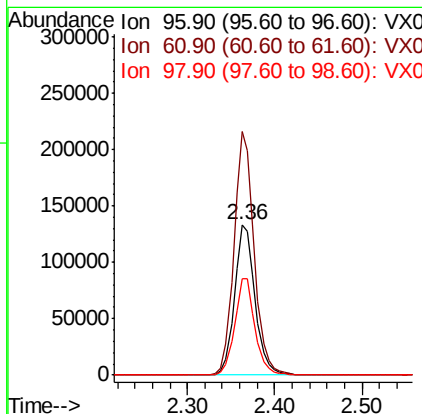
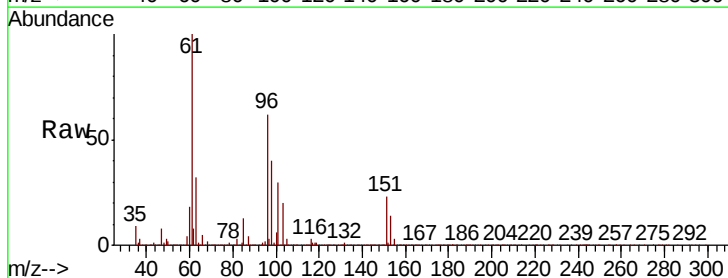
apatel
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#12

1,1-Dichloroethene
Concen: 48.622 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	127.9	191.9
98	64.1	50.5	75.7





#13

Acrolein

Concen: 265.062 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 172884

Ion Ratio Lower Upper

56 100

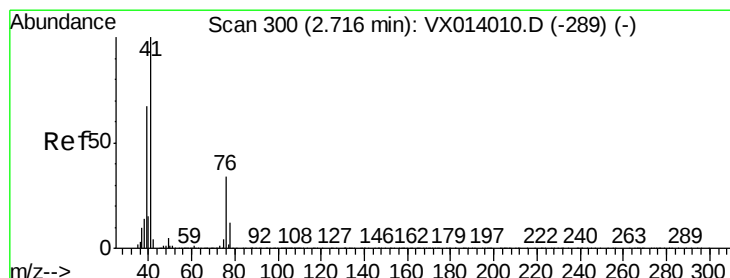
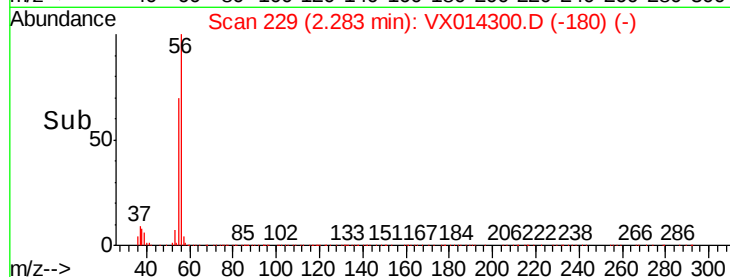
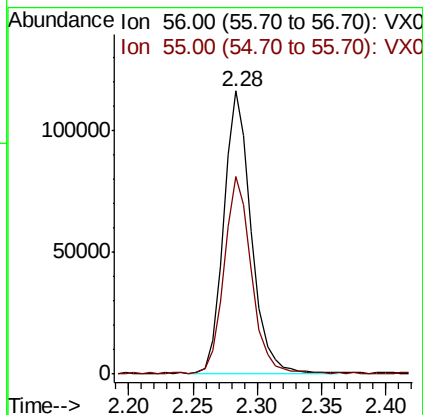
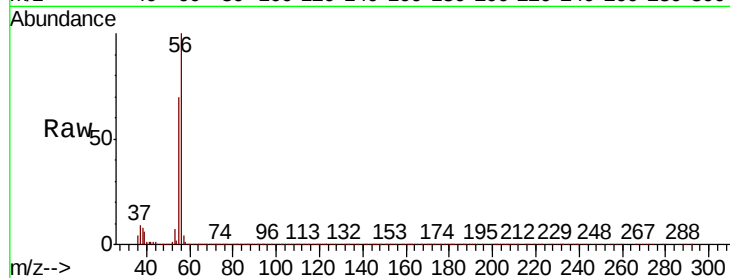
55 69.5 56.9 85.3

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#14

Allyl chloride

Concen: 51.029 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

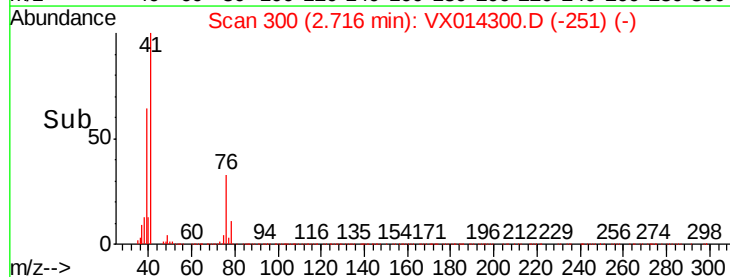
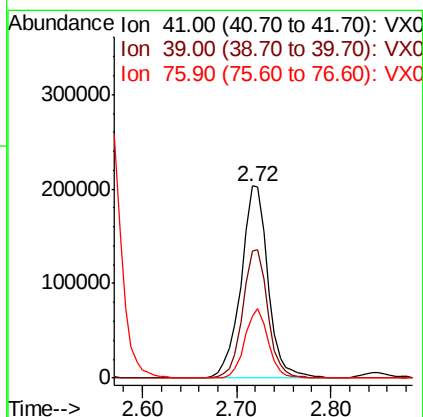
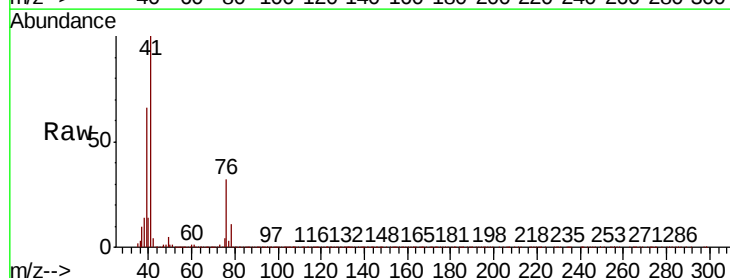
Tgt Ion: 41 Resp: 407778

Ion Ratio Lower Upper

41 100

39 61.7 51.8 77.8

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 273.900 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

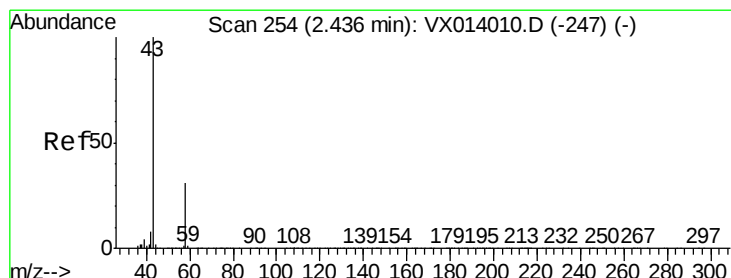
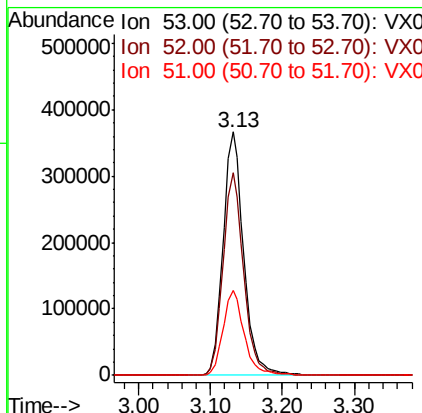
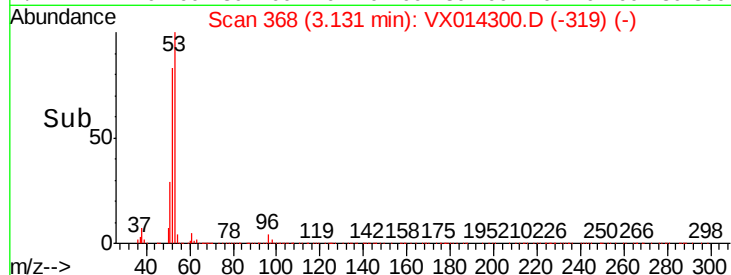
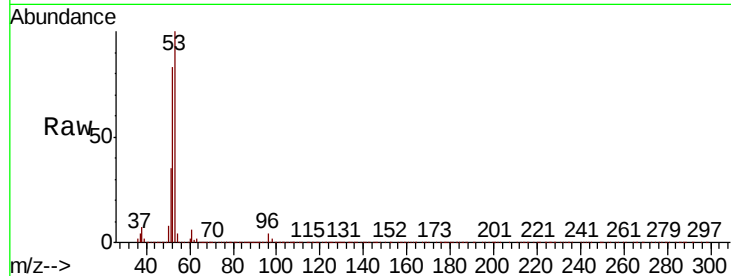
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	728435
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.5	99.7
51	35.6	28.1	42.1

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#16

Acetone

Concen: 182.775 ug/l

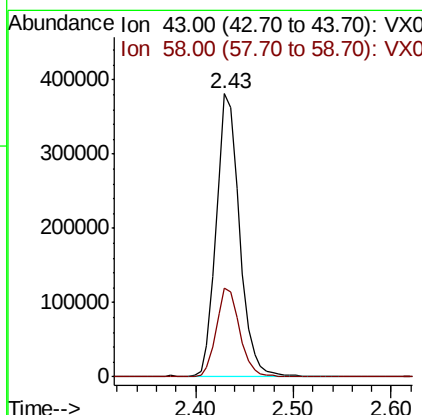
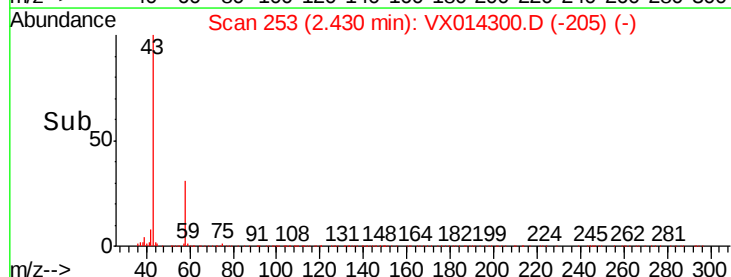
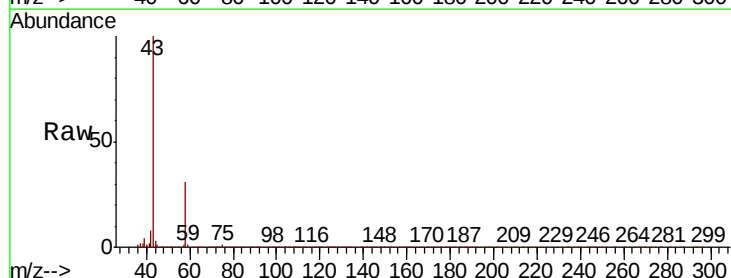
RT: 2.43 min Scan# 253

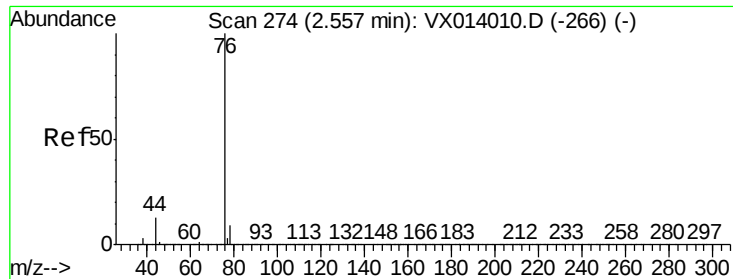
Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	43	Resp:	625720
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.9	37.3





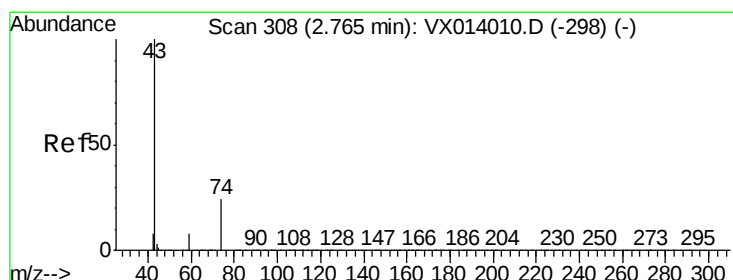
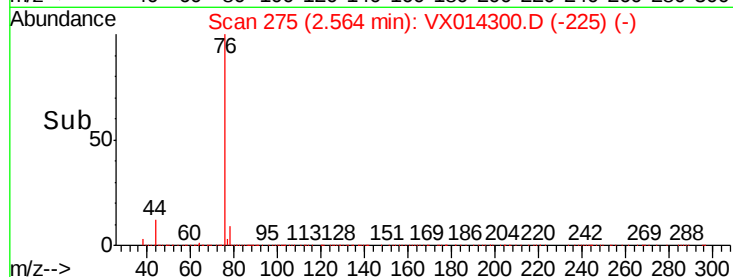
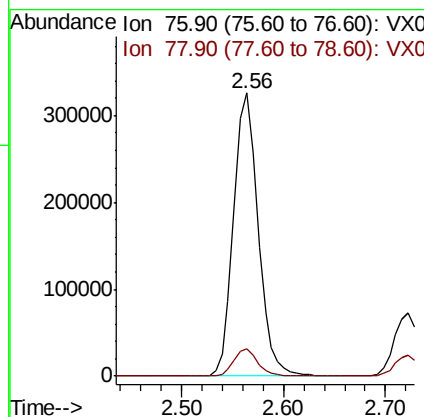
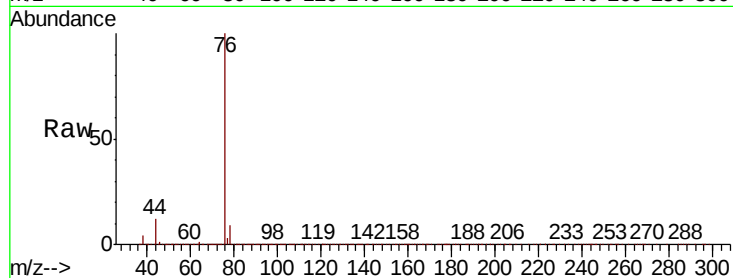
#17
Carbon Disulfide
Concen: 43.799 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

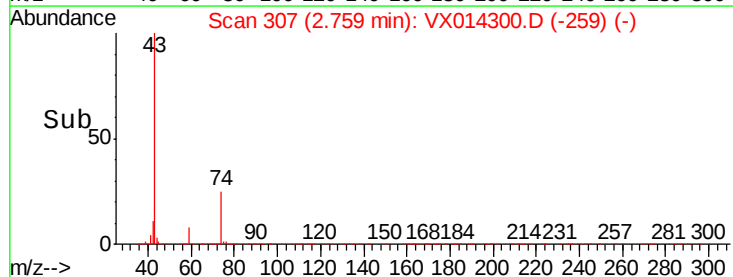
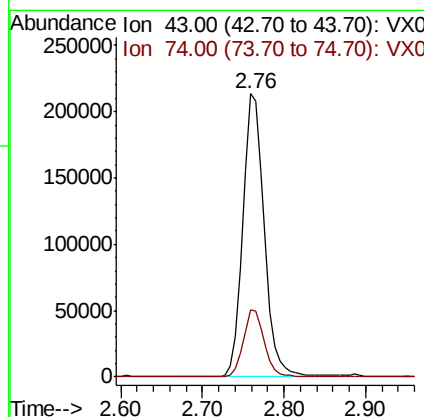
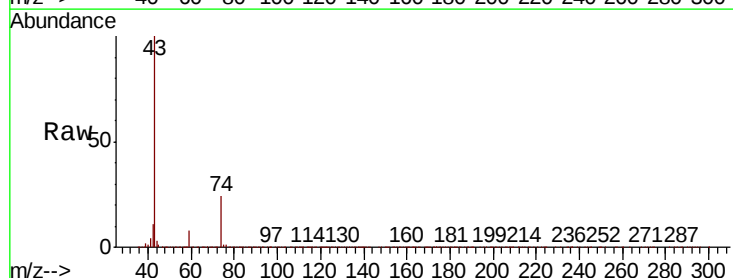
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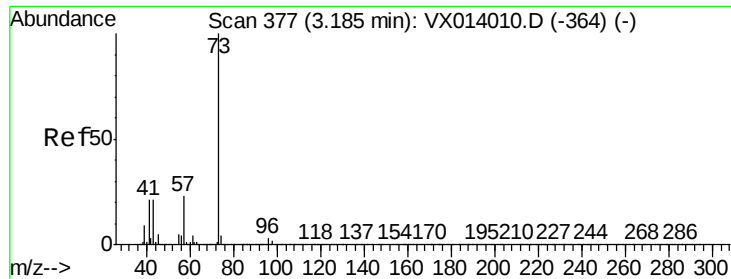
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#18
Methyl Acetate
Concen: 56.762 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.5	29.3





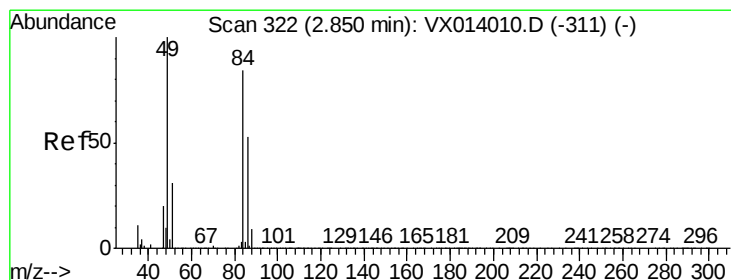
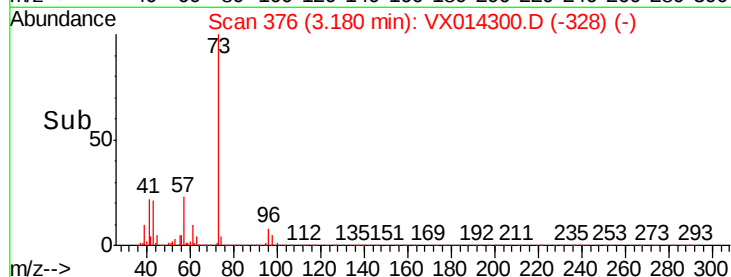
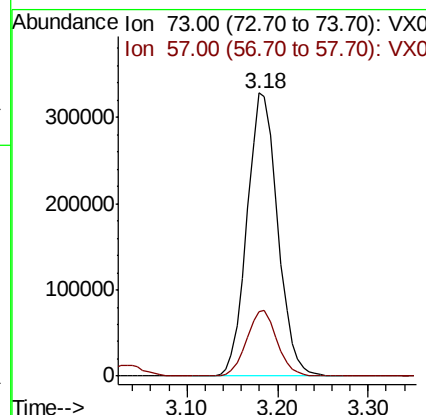
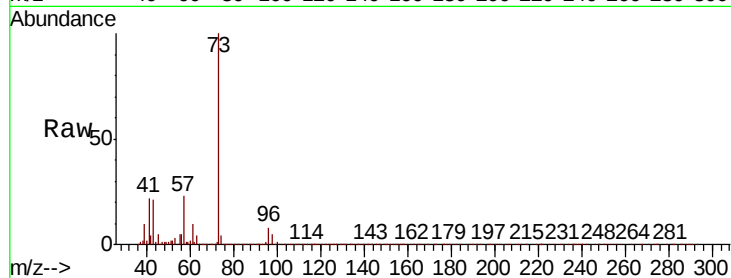
#19
Methvl tert-butvl Ether
Concen: 52.164 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

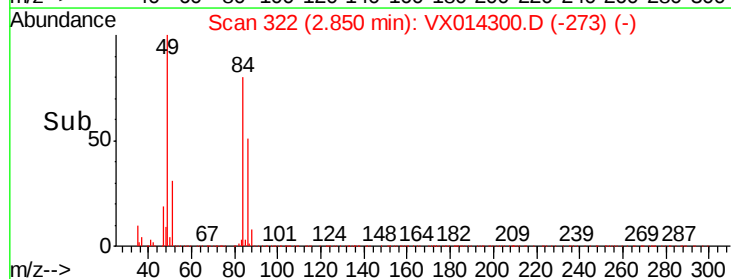
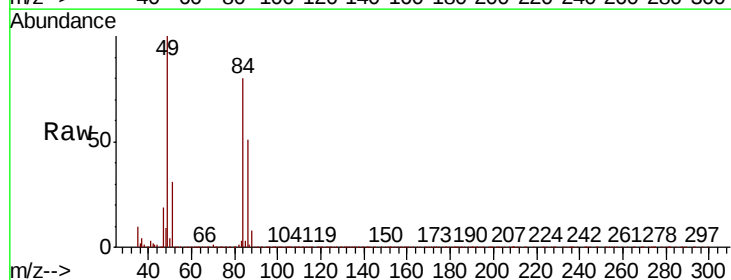
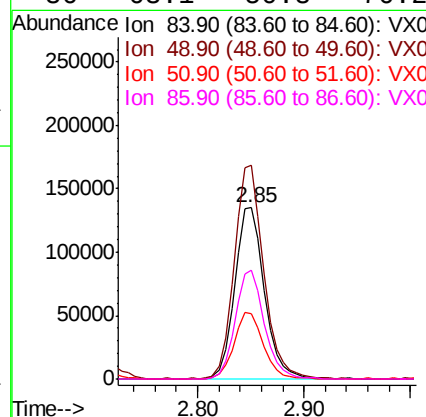
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#20
Methylene Chloride
Concen: 48.891 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	95.8	143.6
51	37.9	29.8	44.8
86	63.1	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.249 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

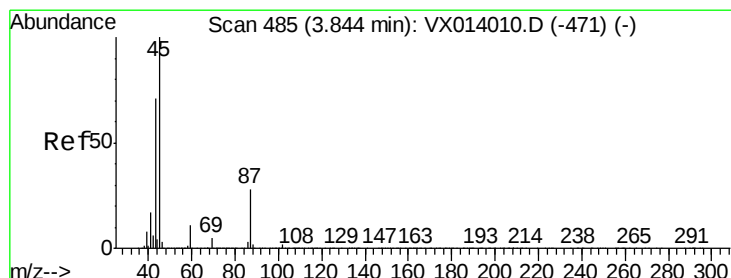
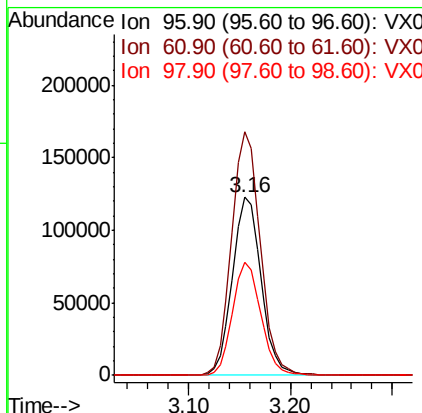
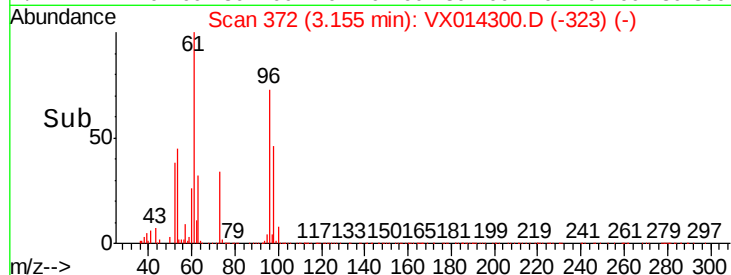
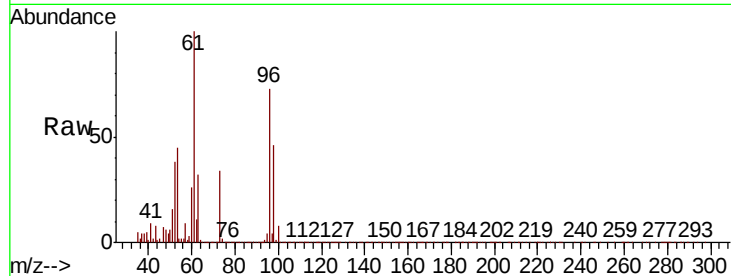
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	237904
Ion	Ratio	Lower	Upper
96	100		
61	137.0	108.3	162.5
98	63.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 53.821 ug/l

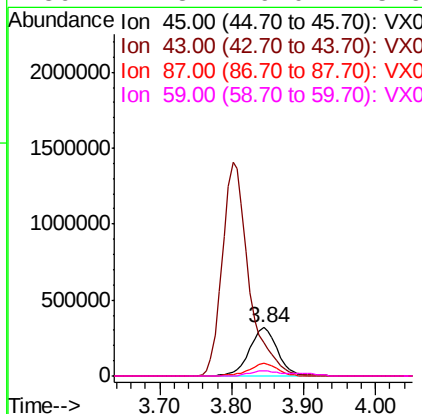
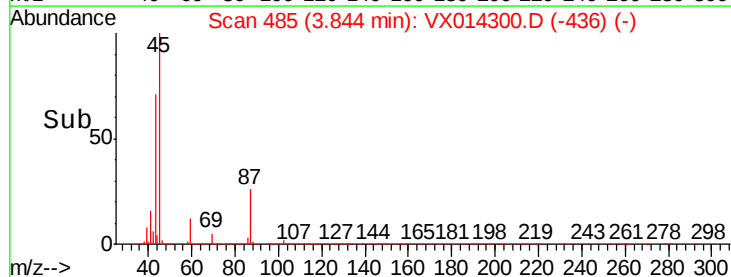
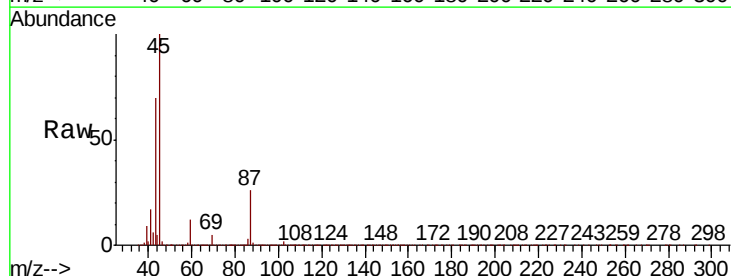
RT: 3.84 min Scan# 485

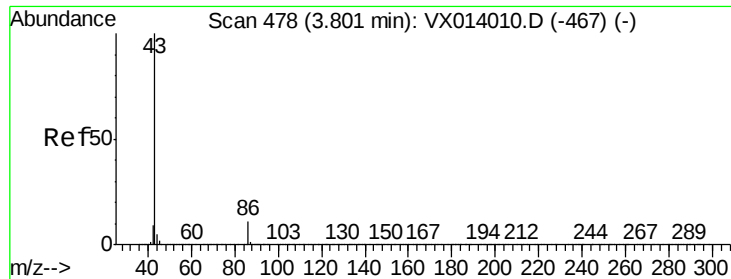
Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	45	Resp:	857050
Ion	Ratio	Lower	Upper
45	100		
43	70.4	57.4	86.0
87	26.5	21.9	32.9
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 279.345 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3630115

Ion Ratio Lower Upper

43 100

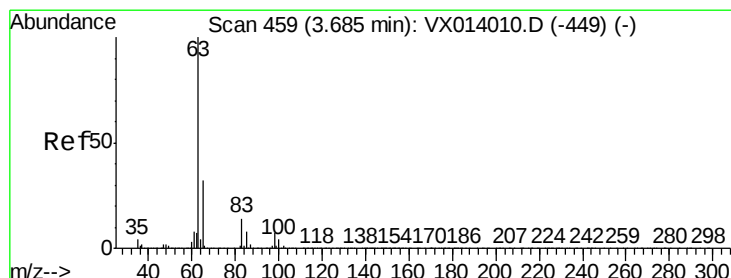
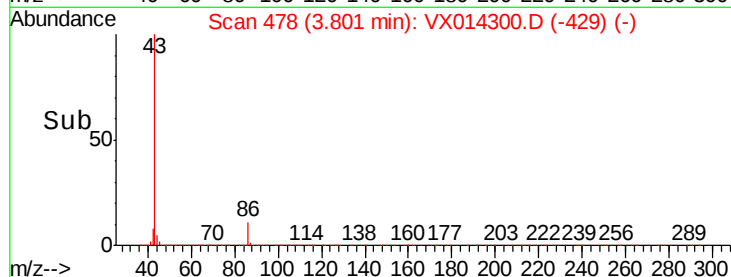
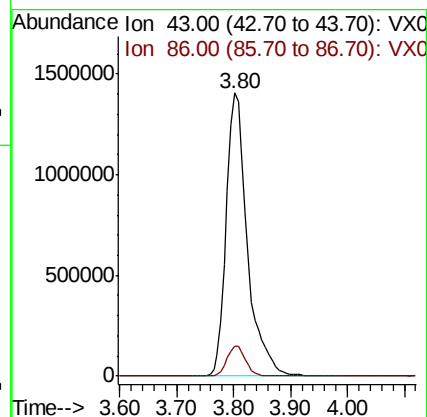
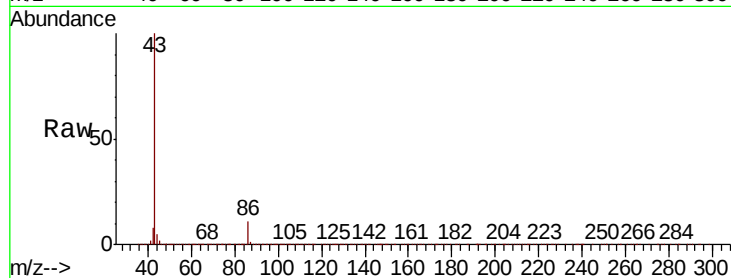
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.747 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

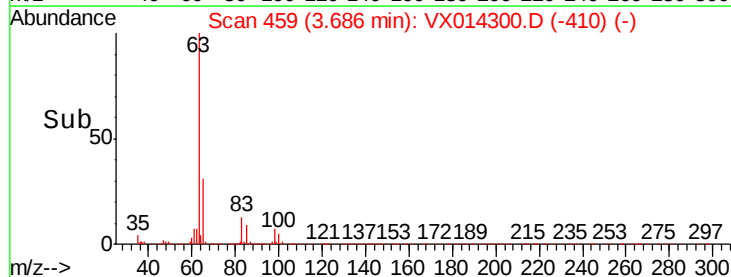
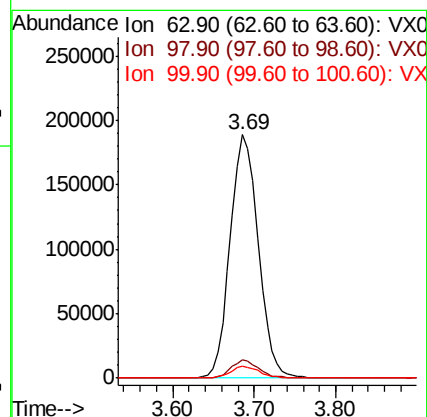
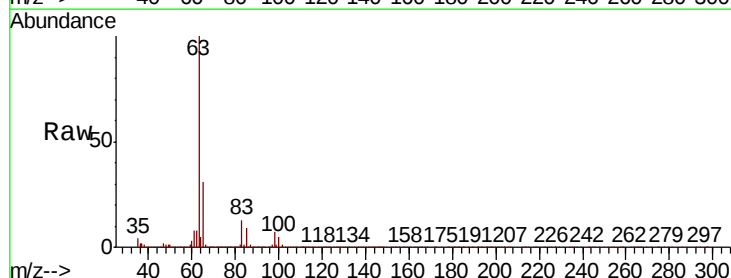
Tgt Ion: 63 Resp: 449596

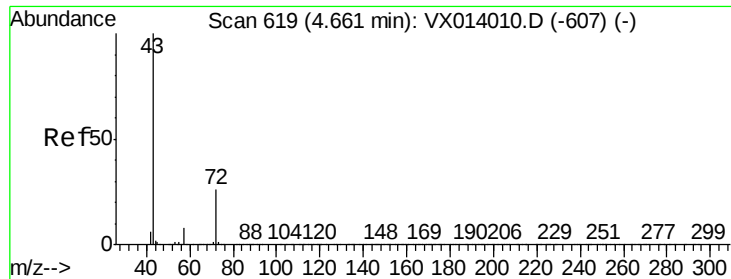
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 244.260 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tot Ion: 43 Resp: 1030949

Ion Ratio Lower Upper

43 100

72 24.5 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

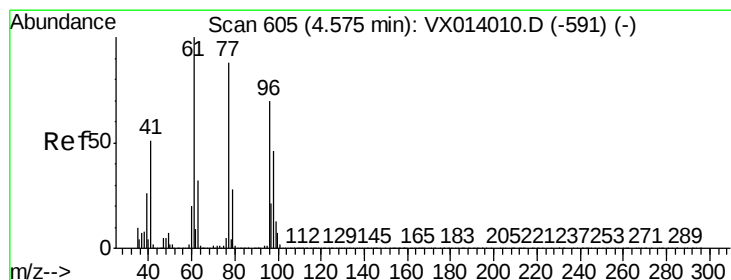
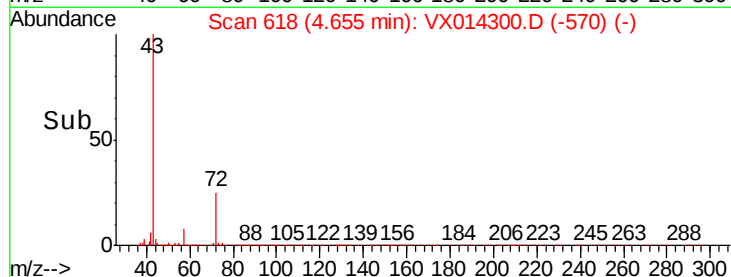
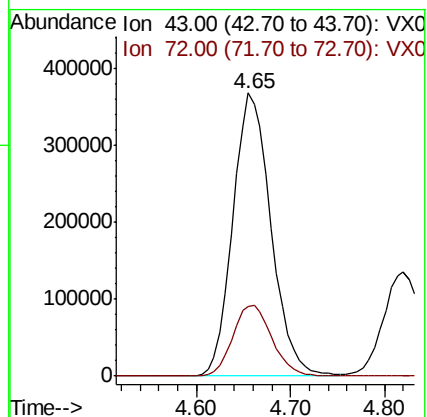
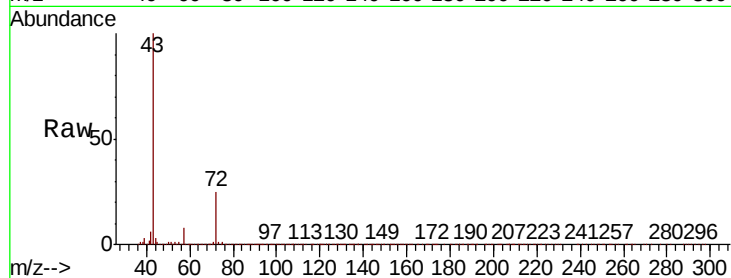
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 36.254 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014300.D

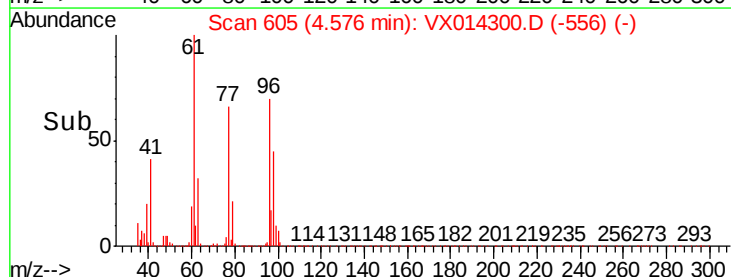
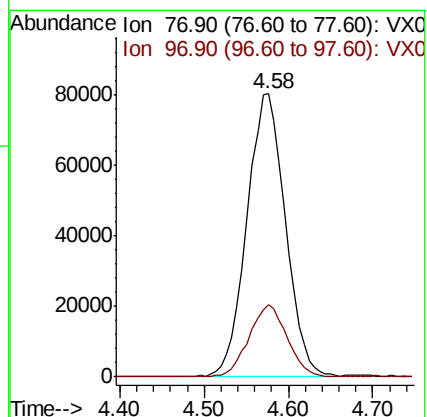
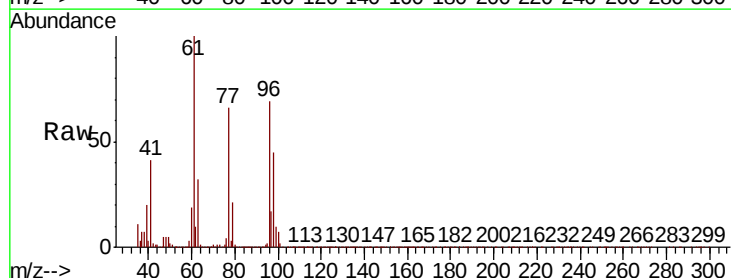
Acq: 27 Dec 2019 04:22

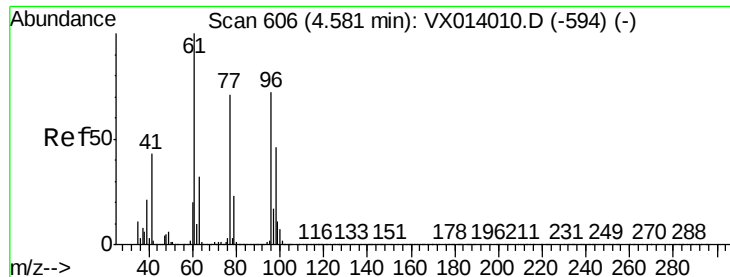
Tgt Ion: 77 Resp: 249383

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.9





#27

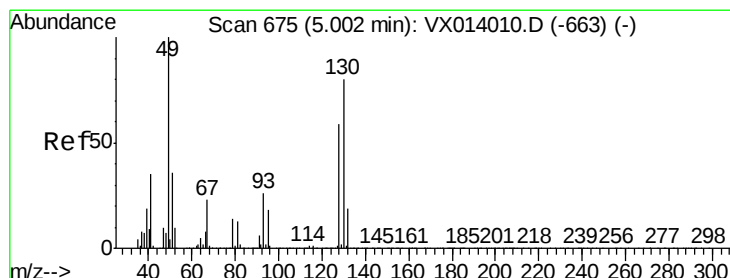
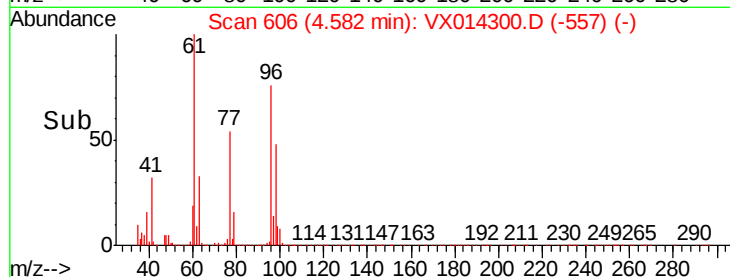
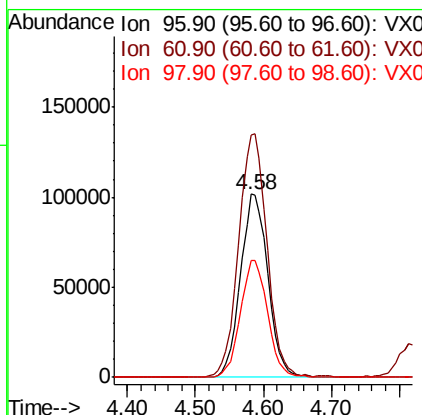
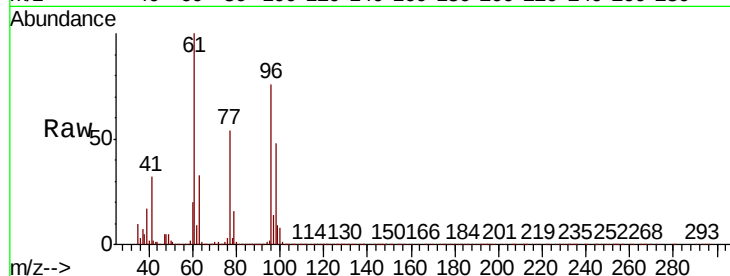
cis-1,2-Dichloroethene
Concen: 51.233 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	285698		
61	136.8	0.0	288.4	
98	63.0	0.0	129.6	

Manual Integrations
APPROVED

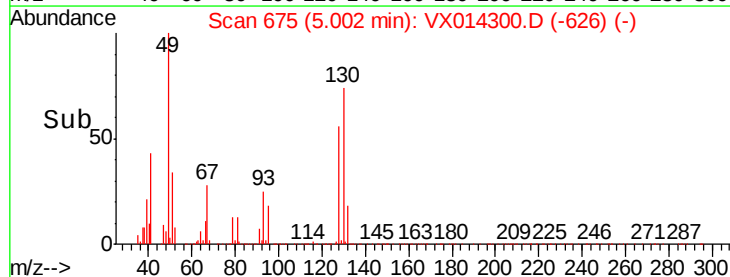
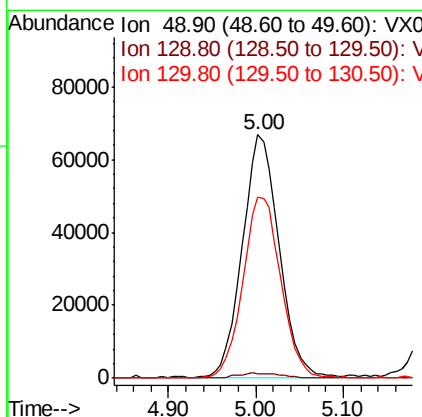
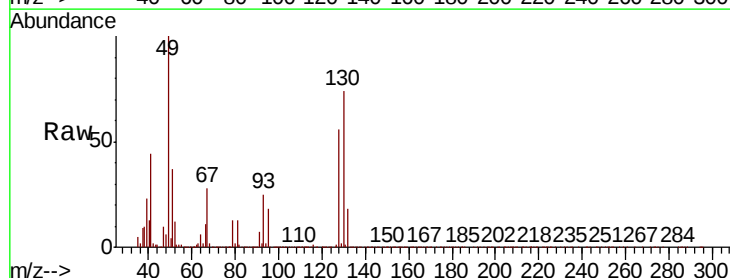
apatel
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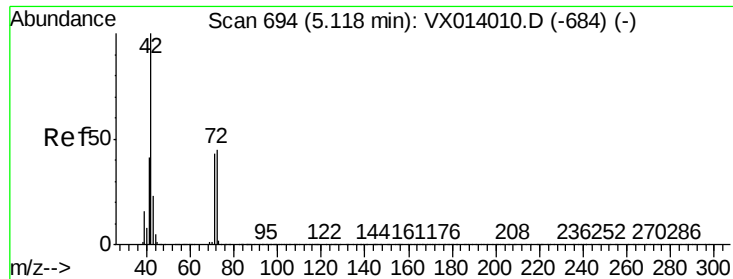


#28

Bromochloromethane
Concen: 57.065 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	194655		
129	2.3	0.0	5.0	
130	77.4	64.6	97.0	





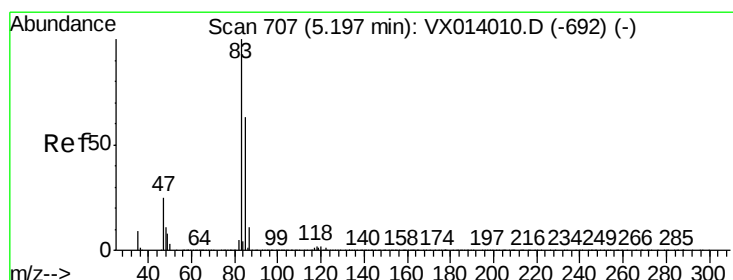
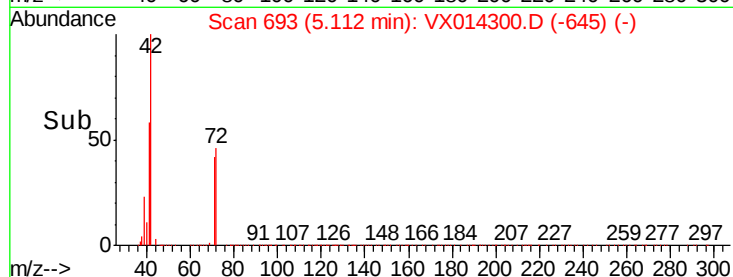
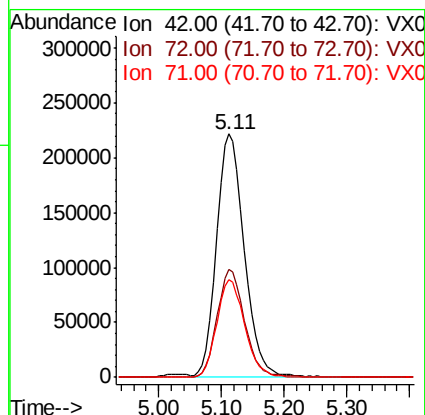
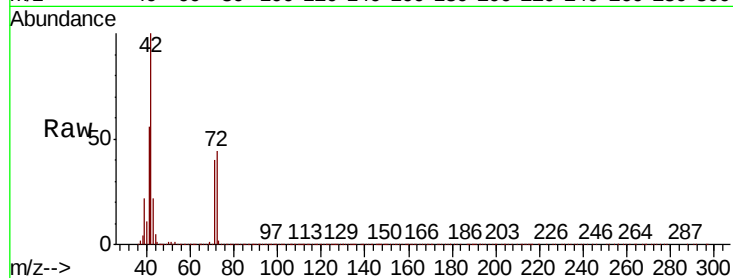
#29
Tetrahydrofuran
Concen: 285.891 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.8	53.8
71	40.5	33.6	50.4

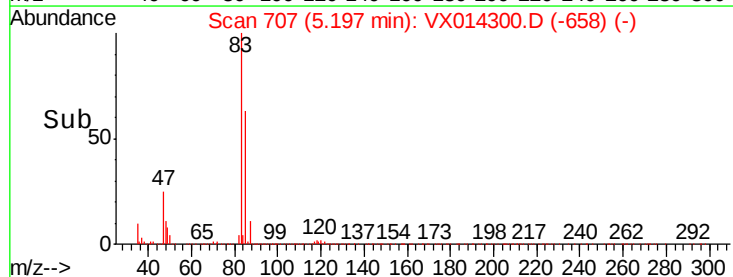
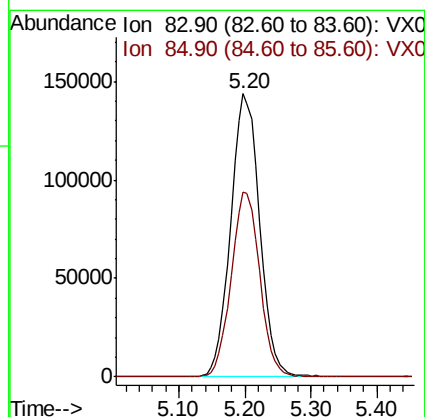
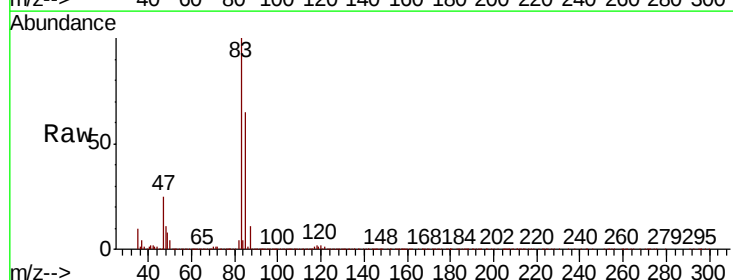
Manual Integrations
APPROVED

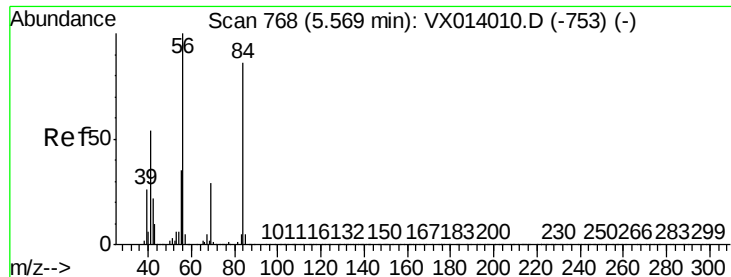
apatel
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#30
Chloroform
Concen: 51.769 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.8	76.2





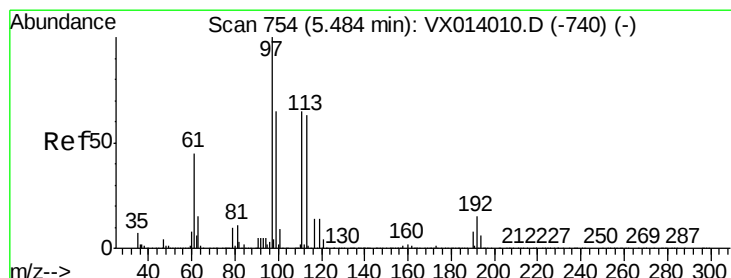
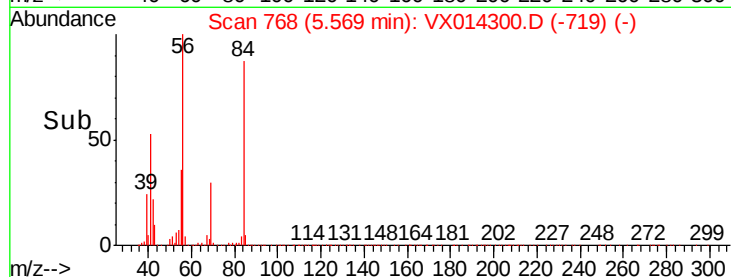
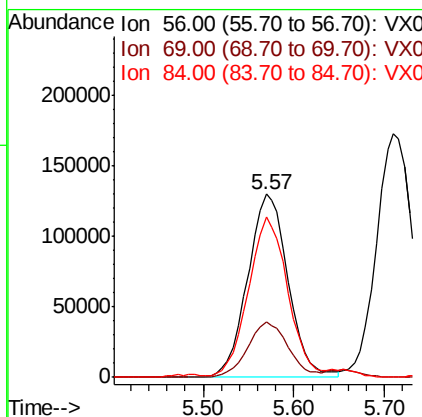
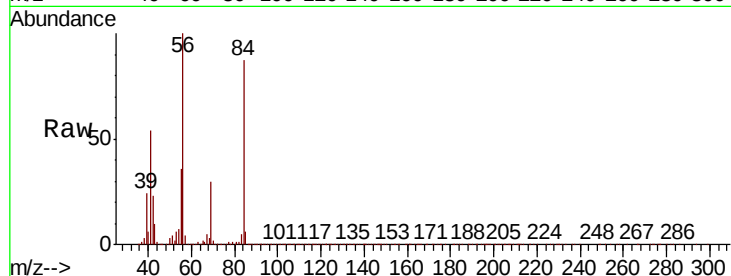
#31
Cyclohexane
Concen: 50.508 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.2	34.8
84	86.0	69.2	103.8

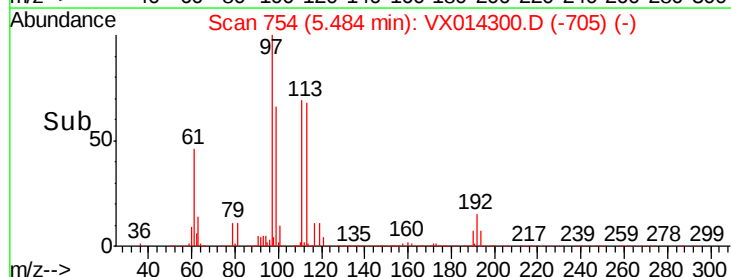
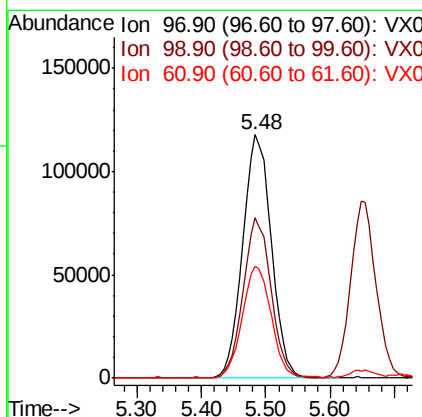
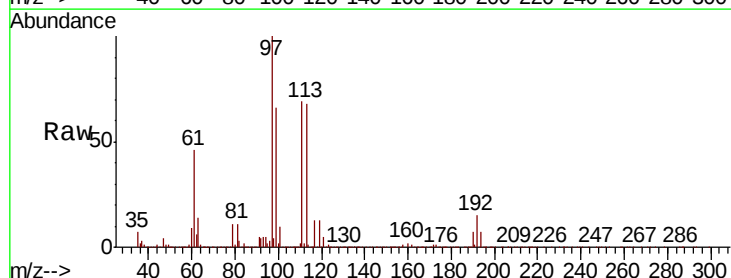
Manual Integrations
APPROVED

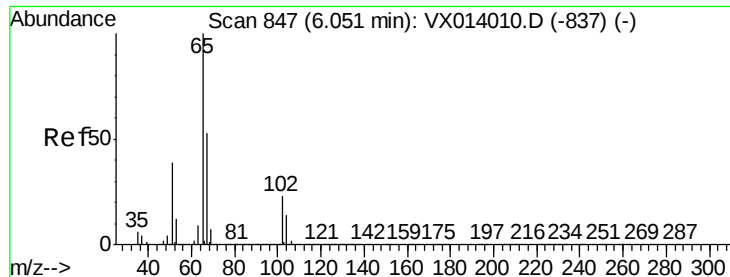
apatel
12/27/2019 12:03:35 PM



#32
1,1,1-Trichloroethane
Concen: 50.062 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.0	78.0
61	46.1	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 51.728 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 272771

Ion Ratio Lower Upper

65 100

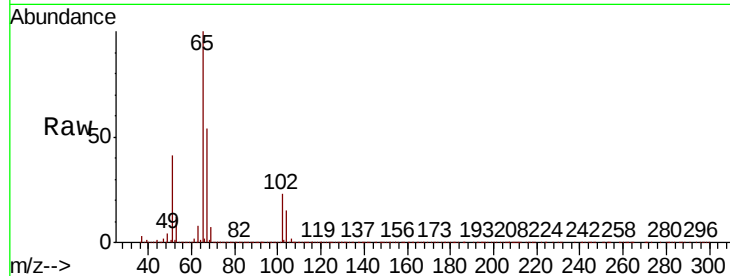
67 53.7 0.0 106.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

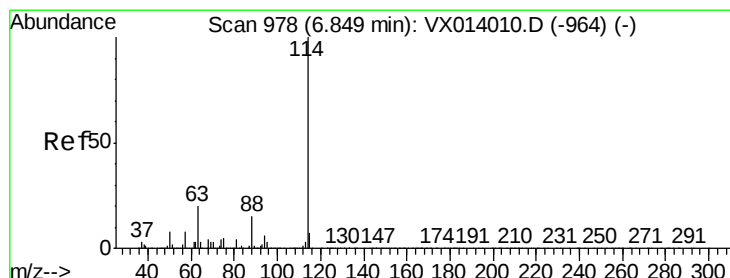
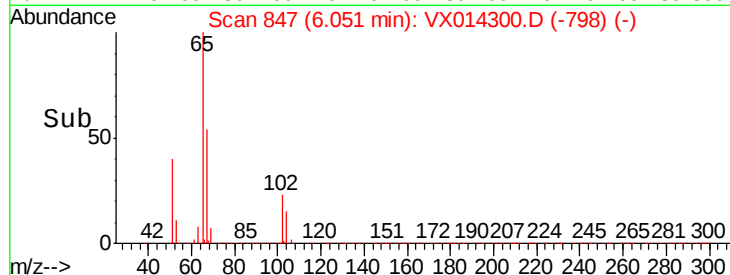
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

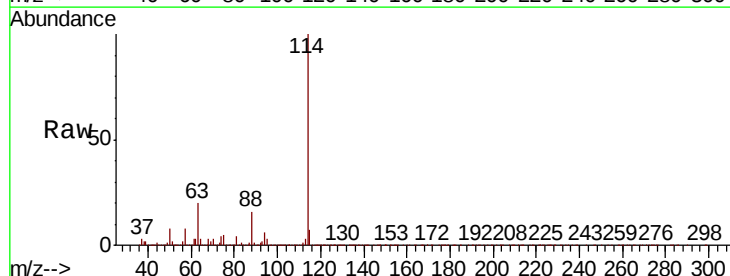
Tgt Ion: 114 Resp: 748061

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

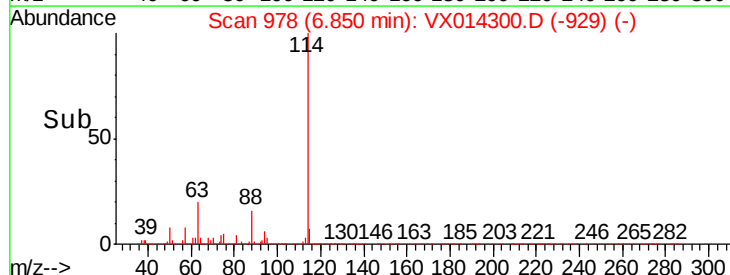
200000

100000

0

6.70 6.80 6.90 7.00

Time-->





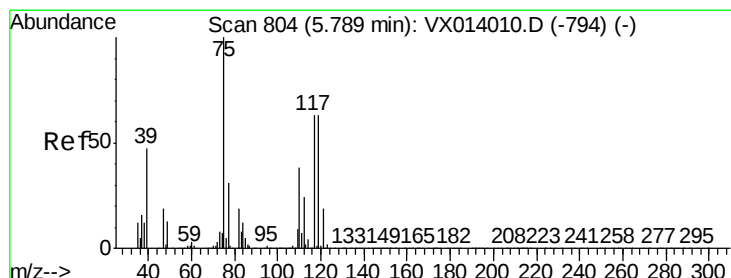
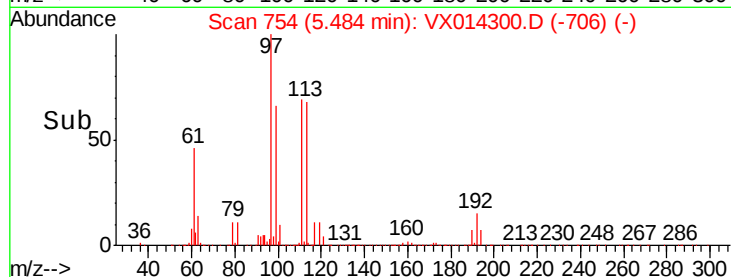
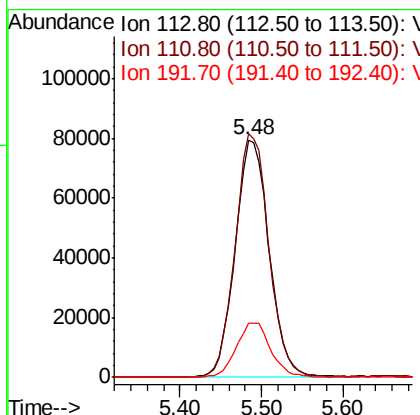
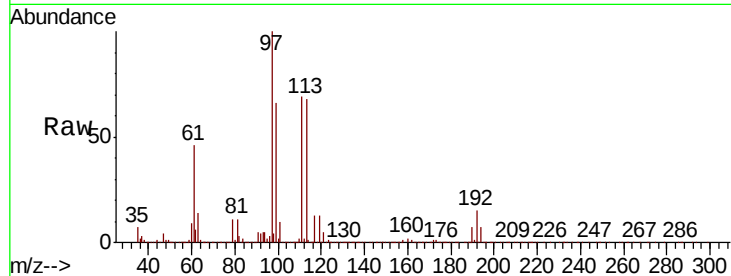
#35
Dibromofluoromethane
Concen: 50.016 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.6	19.3	28.9

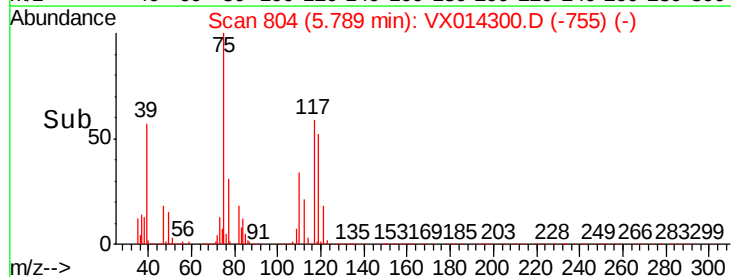
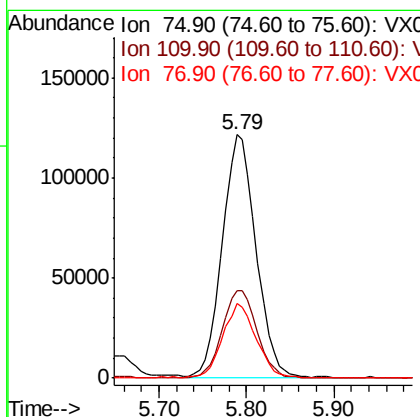
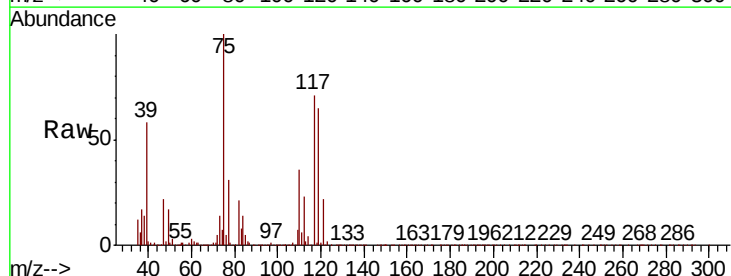
Manual Integrations
APPROVED

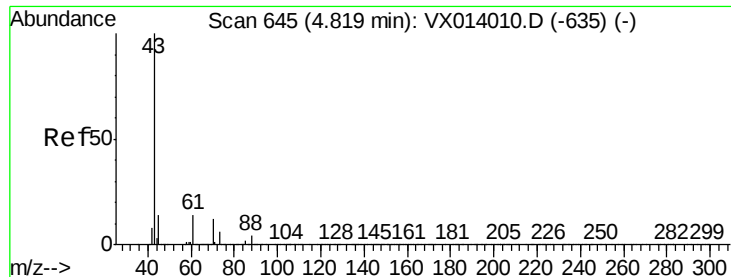
apatel
12/27/2019 12:03:35 PM



#36
1,1-Dichloropropene
Concen: 47.199 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	30.1	24.8	37.2





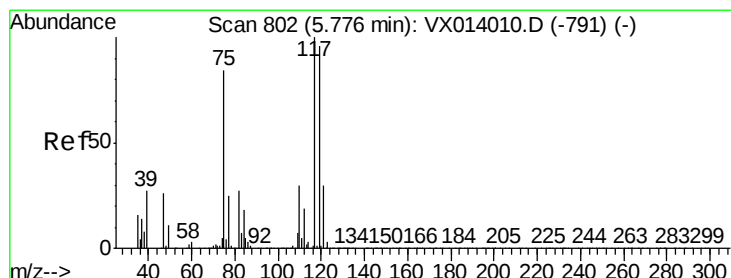
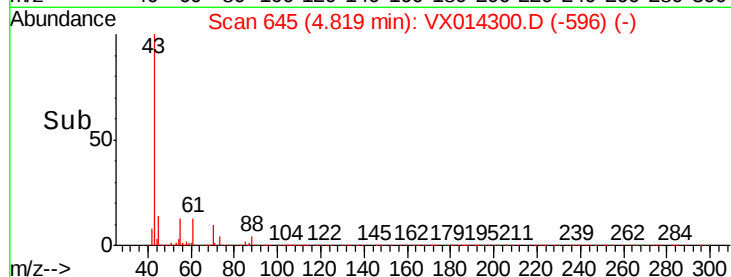
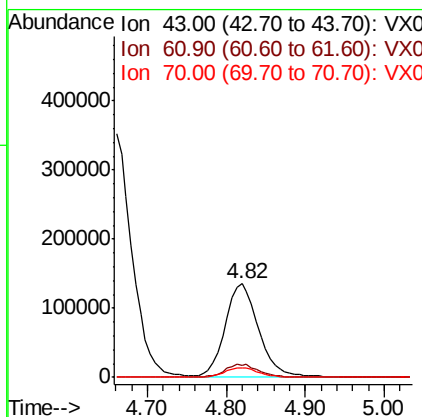
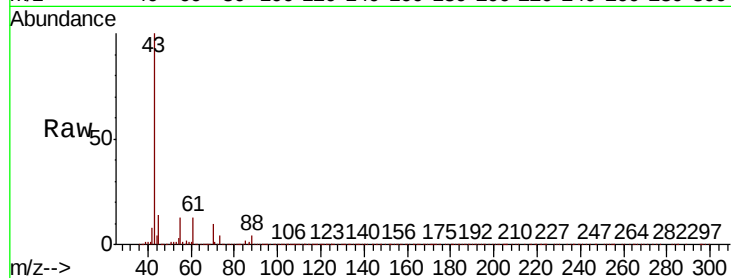
#37
Ethyl Acetate
Concen: 52.265 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	396153
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.8	16.2
70	10.6	8.6	12.8

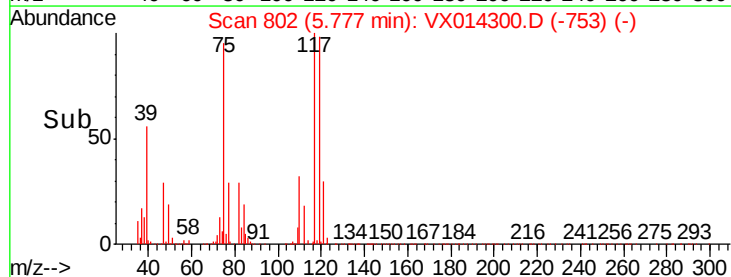
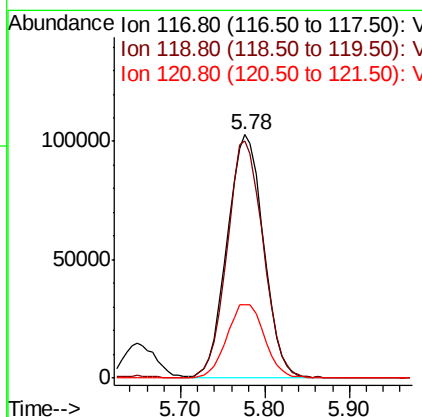
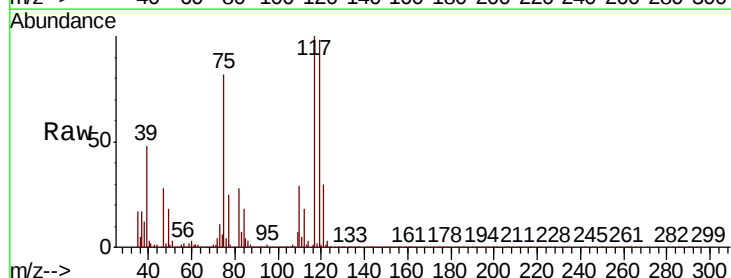
Manual Integrations
APPROVED

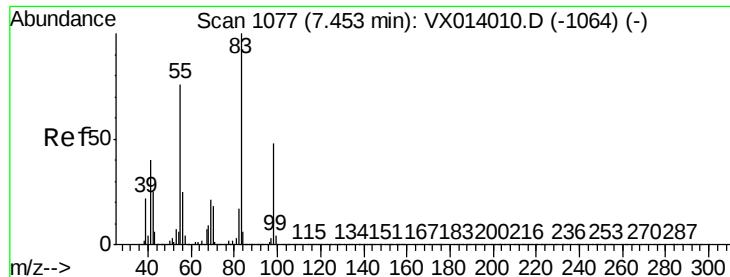
apatel
12/27/2019 12:03:35 PM



#38
Carbon Tetrachloride
Concen: 48.130 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	117	Resp	300956
Ion Ratio	Lower	Upper	
117	100		
119	97.7	76.2	114.4
121	30.2	23.6	35.4





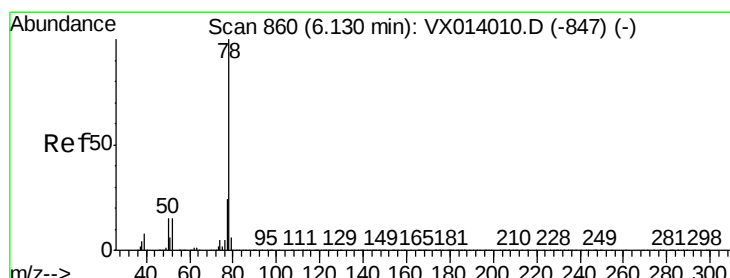
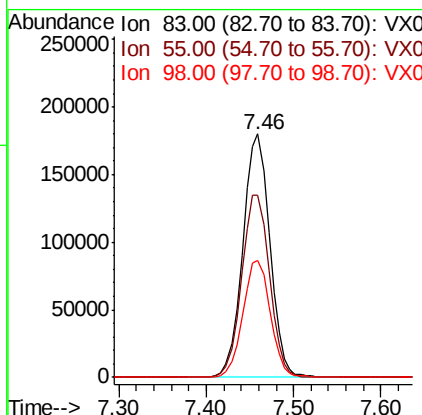
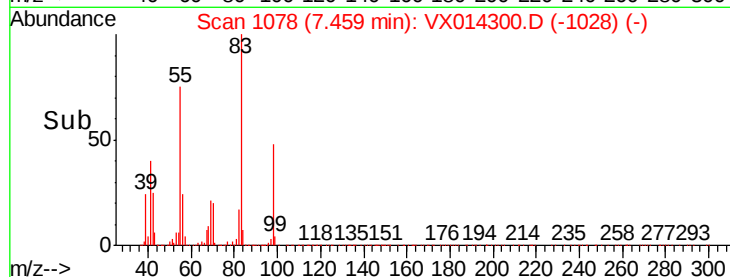
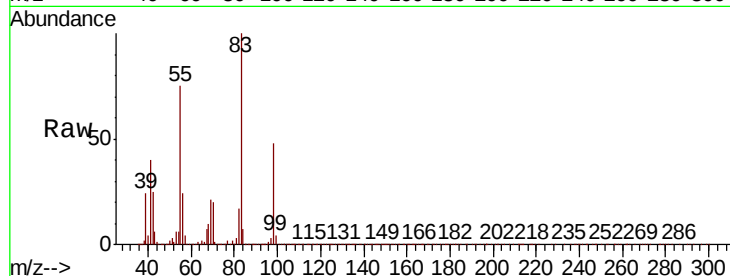
#39
Methvlcvclohexane
Concen: 45.372 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.0	91.6
98	47.8	38.6	57.8

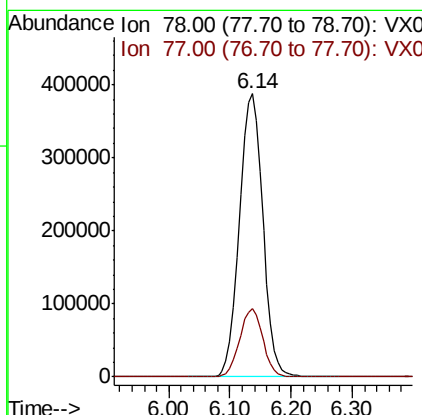
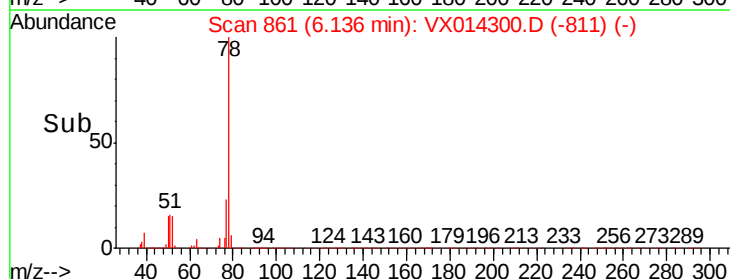
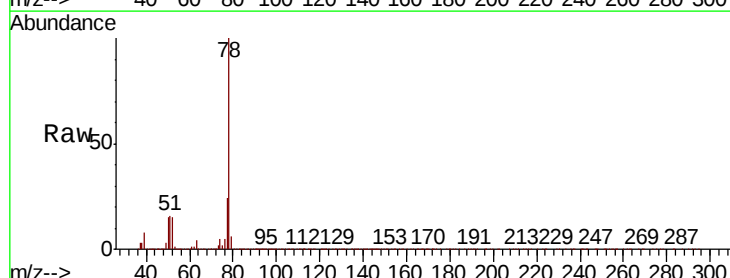
Manual Integrations
APPROVED

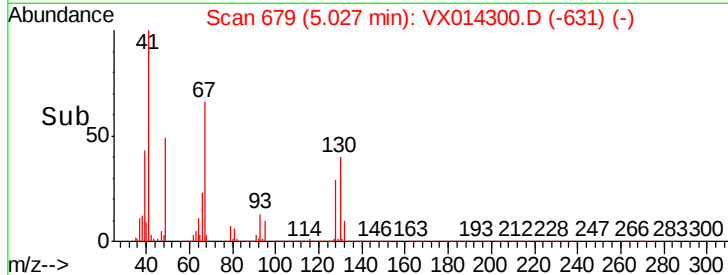
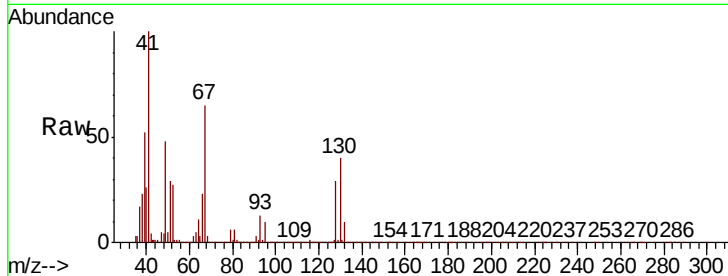
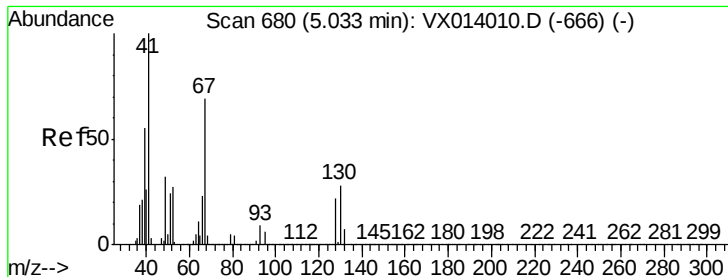
apatel
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#40
Benzene
Concen: 48.562 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





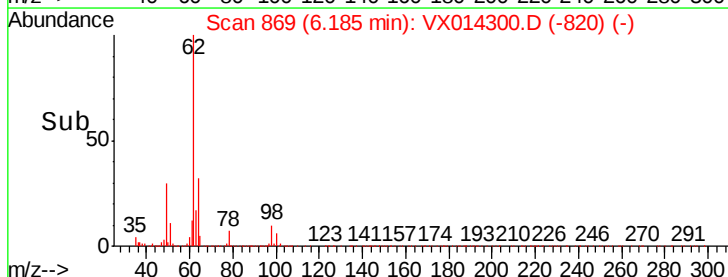
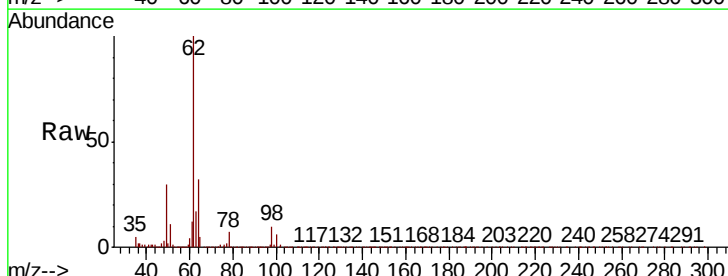
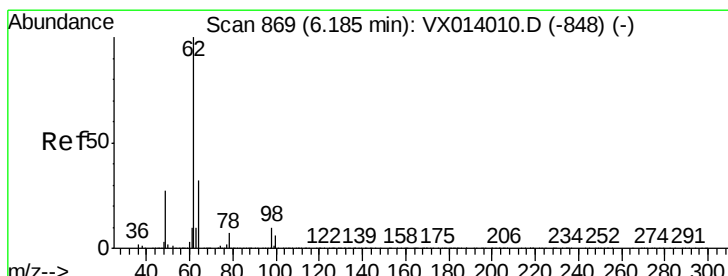
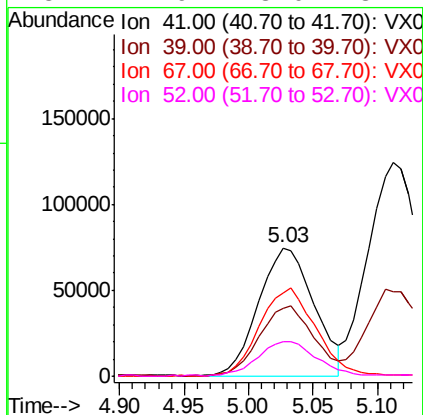
#41
Methacrylonitrile
Concen: 52.920 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		222561		
39	54.1	44.5	66.7		
67	69.4	57.4	86.0		
52	27.9	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

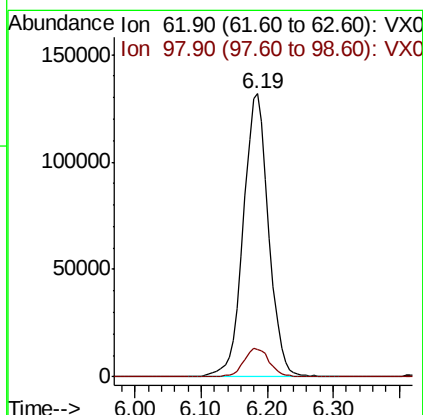
Manual Integrations
APPROVED

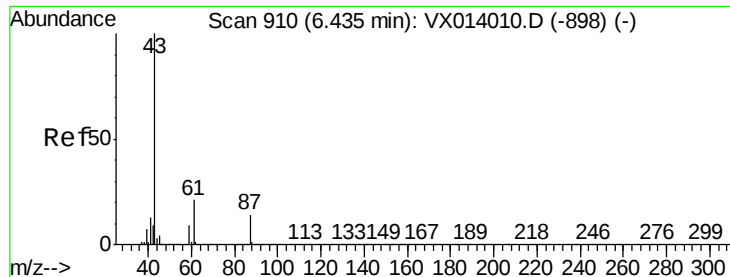
apatel
12/27/2019 12:03:35 PM



#42
1,2-Dichloroethane
Concen: 48.577 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		347762		
98	10.4	0.0	21.0		





#43

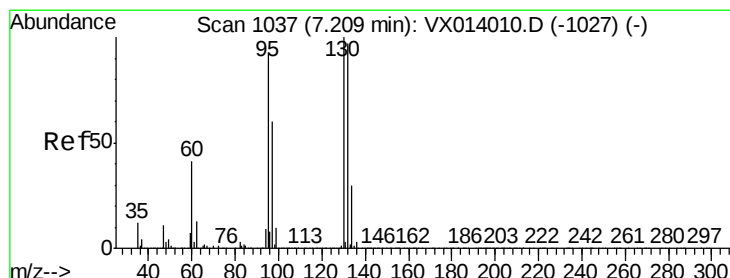
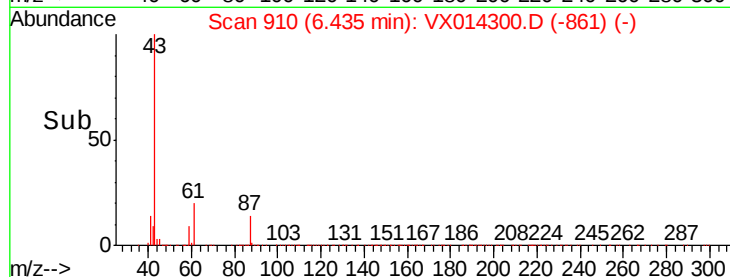
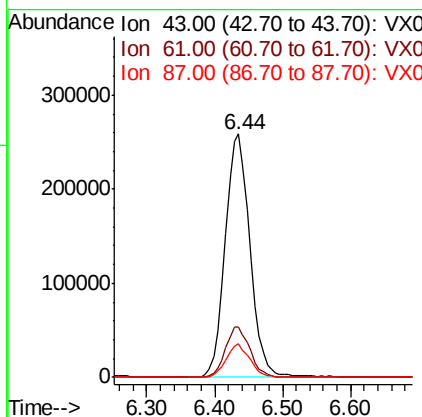
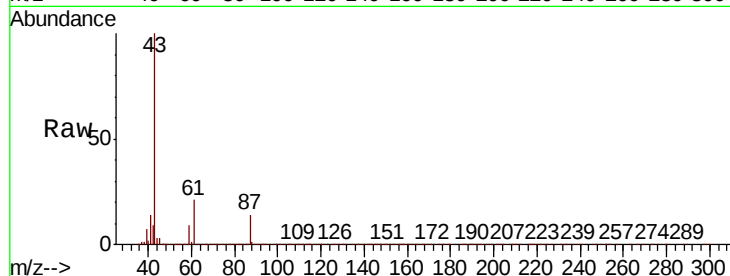
Isopropyl Acetate
 Concen: 51.667 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	648105
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.4	24.6
87	13.2	10.7	16.1

Manual Integrations
 APPROVED

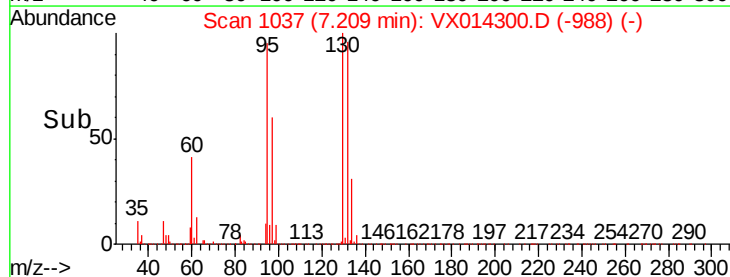
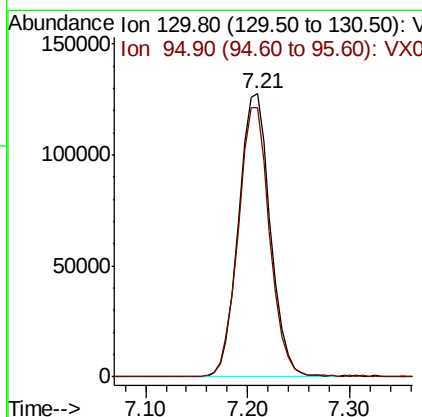
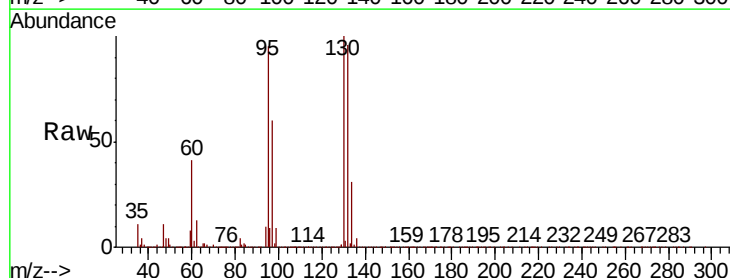
apatel
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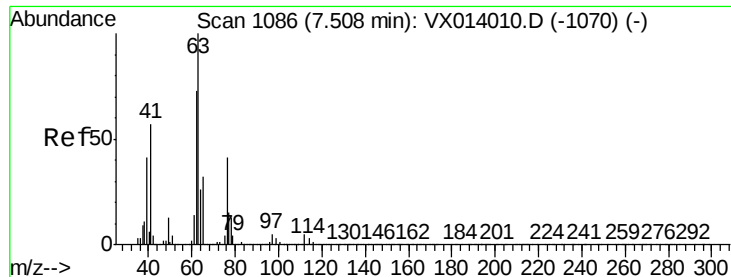


#44

Trichloroethene
 Concen: 46.889 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion	130	Resp	273520
Ion Ratio	Lower	Upper	
130	100		
95	95.2	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.854 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 275277

Ion Ratio Lower Upper

63 100

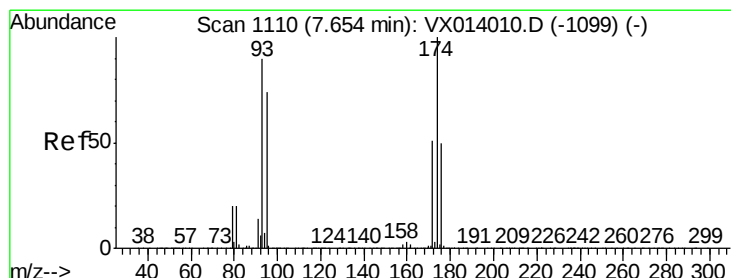
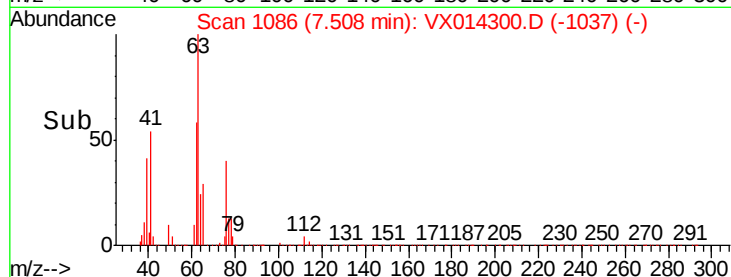
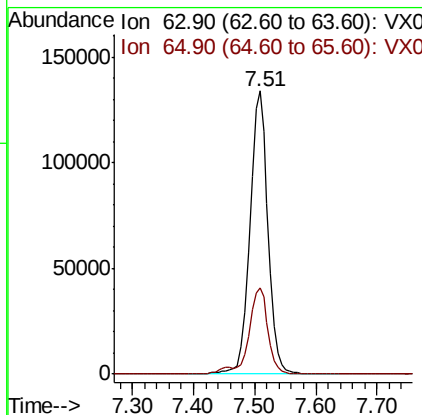
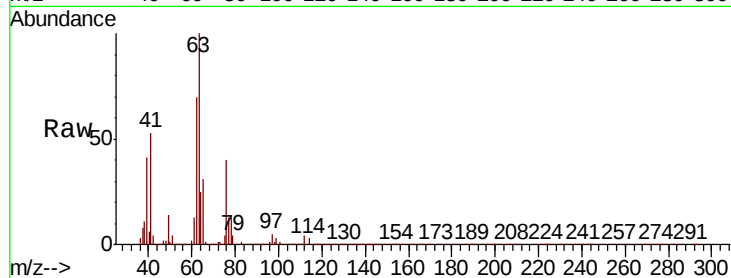
65 30.5 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 47.866 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

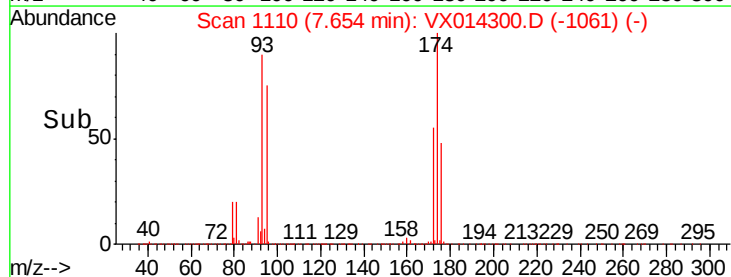
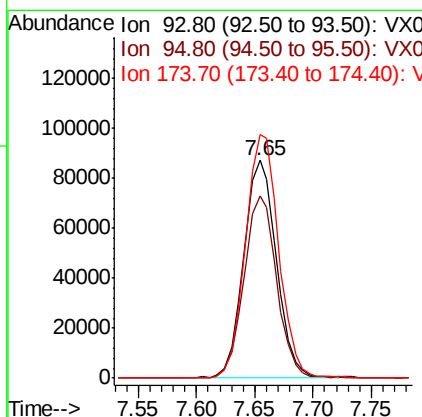
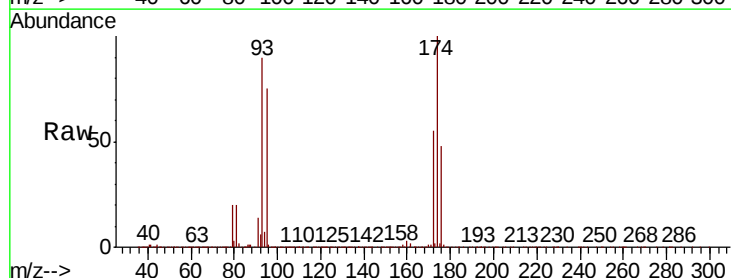
Tgt Ion: 93 Resp: 171307

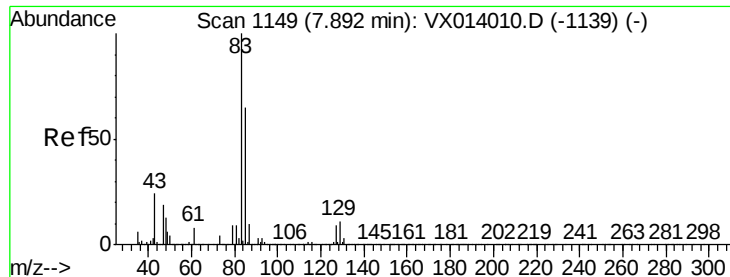
Ion Ratio Lower Upper

93 100

95 83.2 67.3 100.9

174 113.6 91.6 137.4





#47

Bromodichloromethane

Concen: 50.100 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

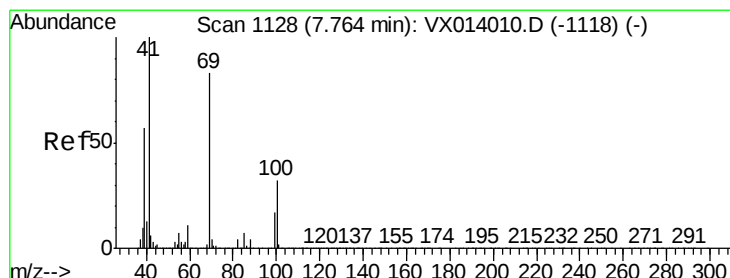
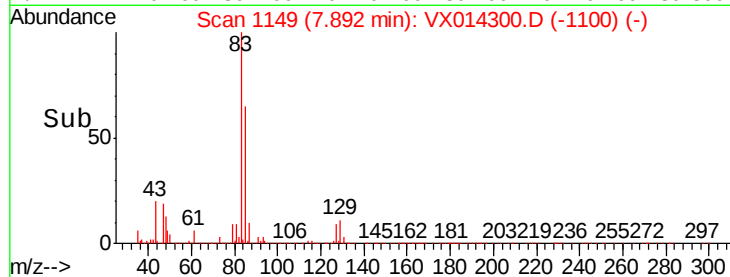
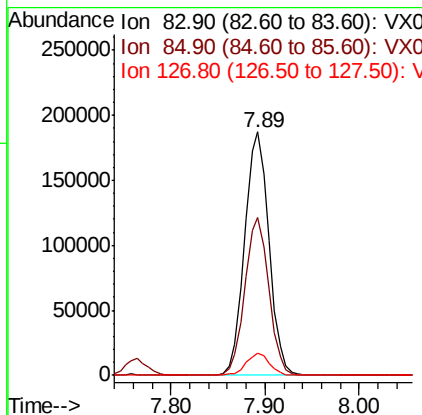
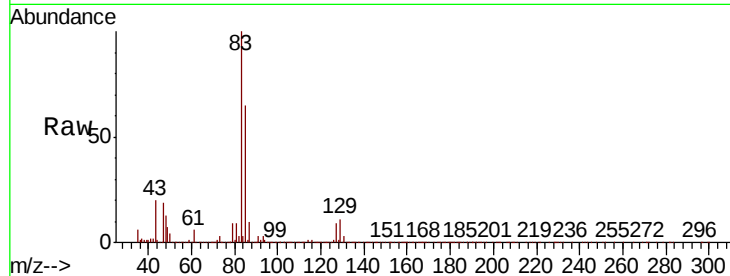
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	337684
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.8
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.957 ug/l

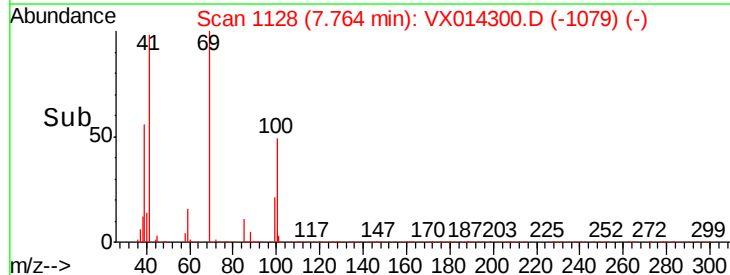
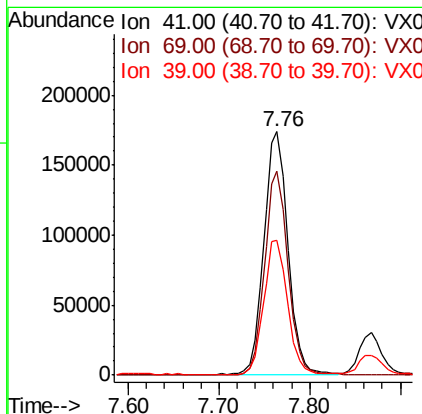
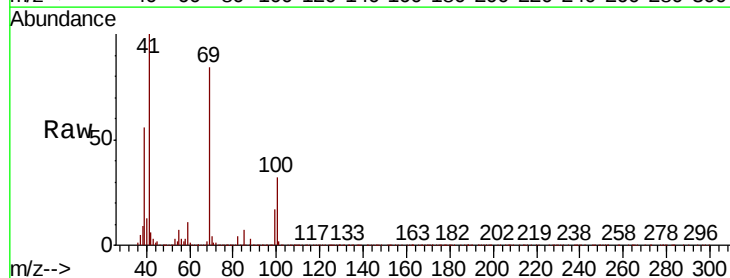
RT: 7.76 min Scan# 1128

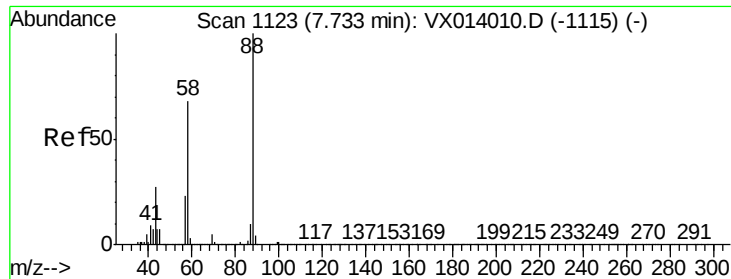
Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	41	Resp:	319143
Ion Ratio	Lower	Upper	
41	100		
69	82.0	65.8	98.6
39	54.5	44.6	67.0





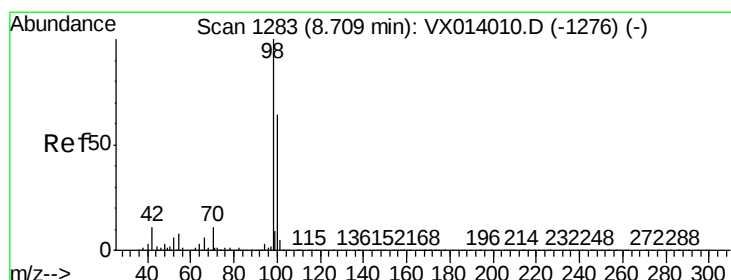
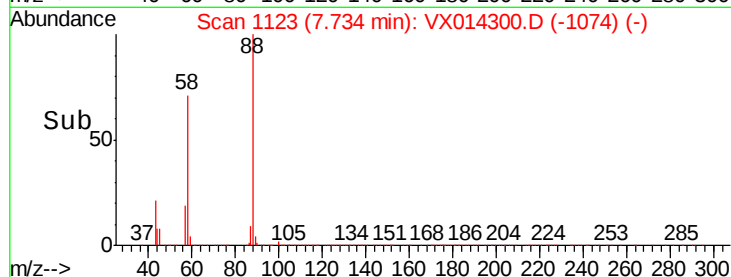
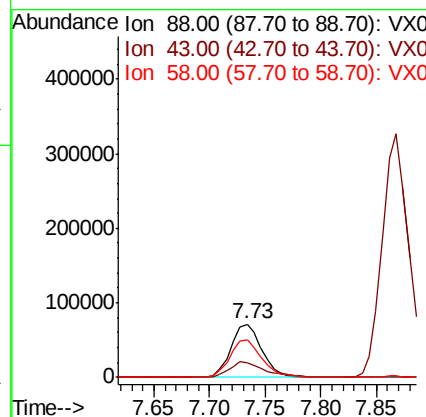
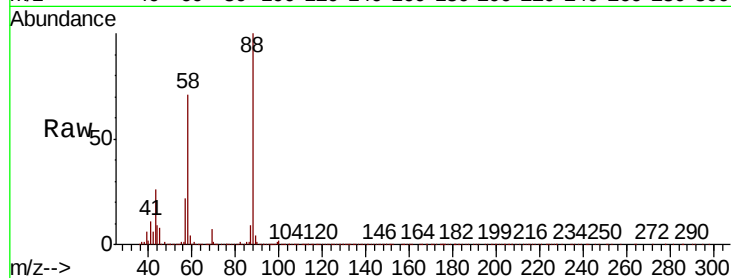
#49
1,4-Dioxane
Concen: 1084.071 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.5	39.7
58	74.4	56.8	85.2

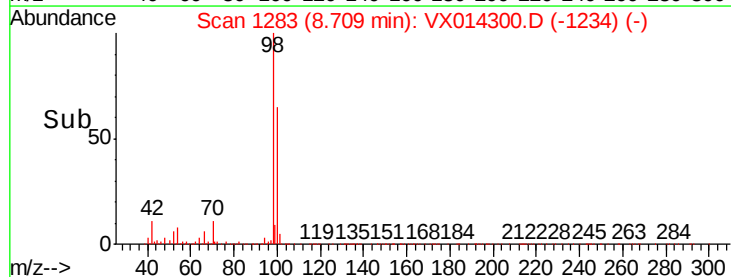
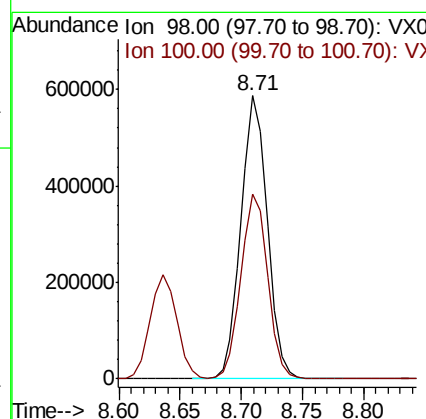
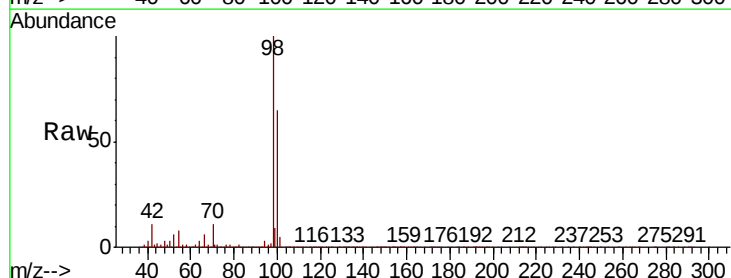
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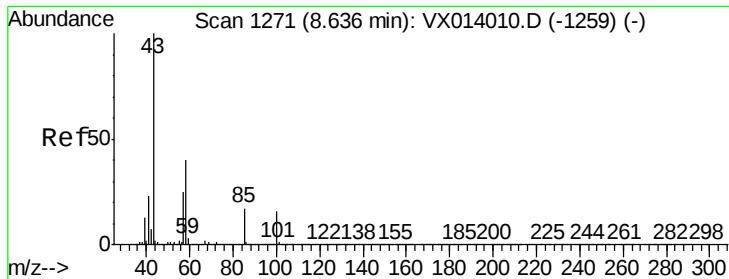
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#50
Toluene-d8
Concen: 49.431 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





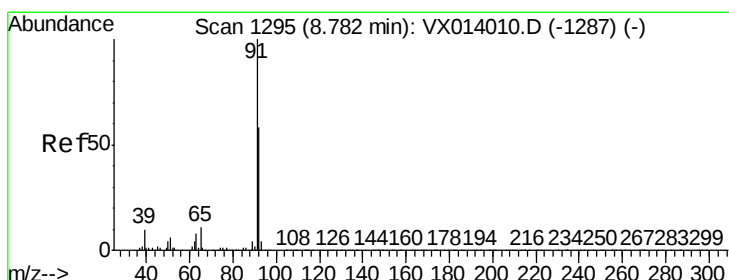
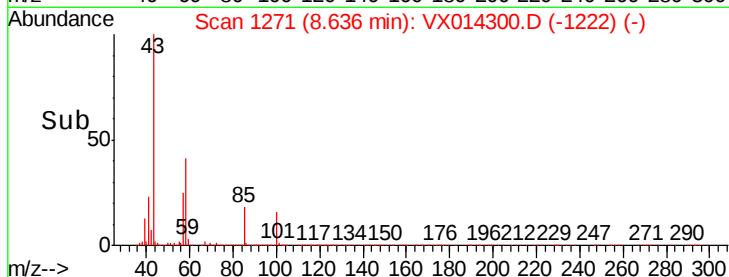
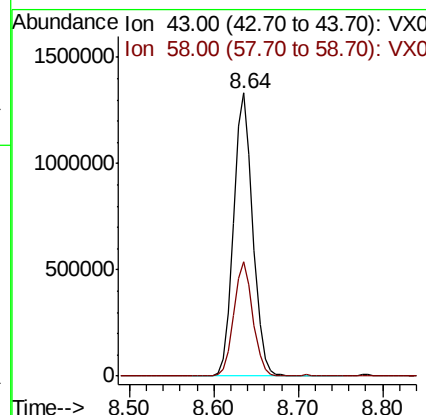
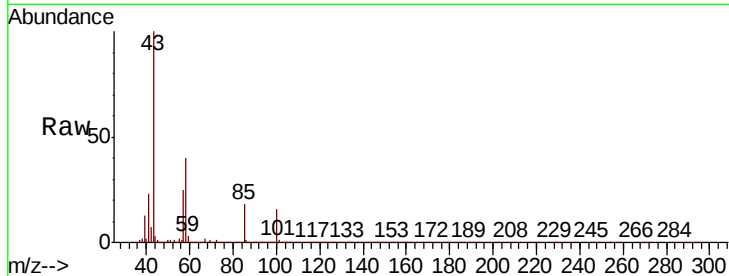
#51
4-Methyl-2-Pentanone
Concen: 262.922 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2071253
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2

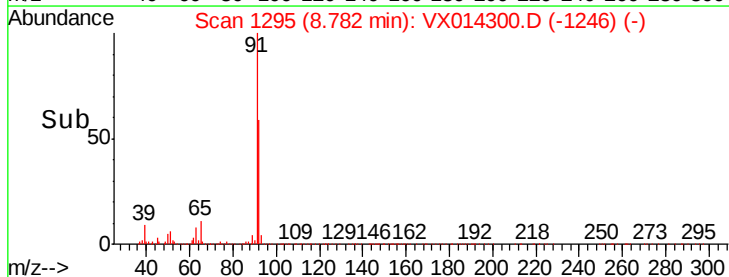
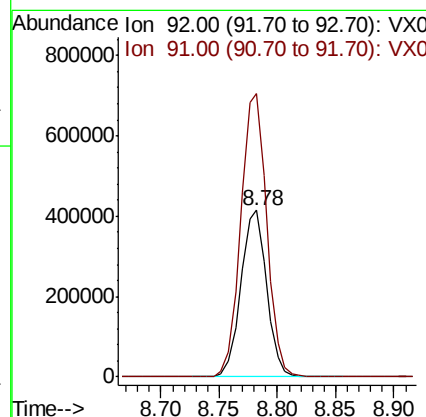
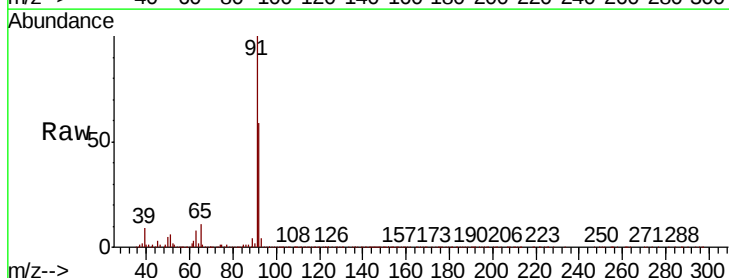
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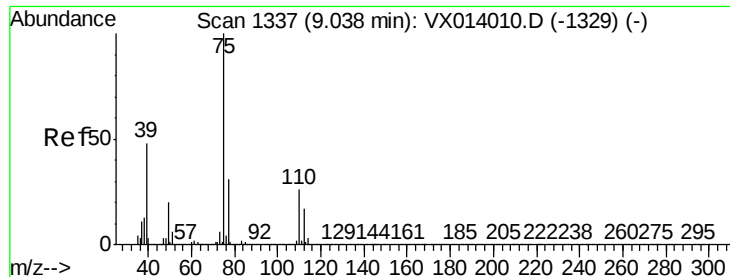
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#52
Toluene
Concen: 47.892 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 92 Resp: 639305
Ion Ratio Lower Upper
92 100
91 171.4 136.2 204.4





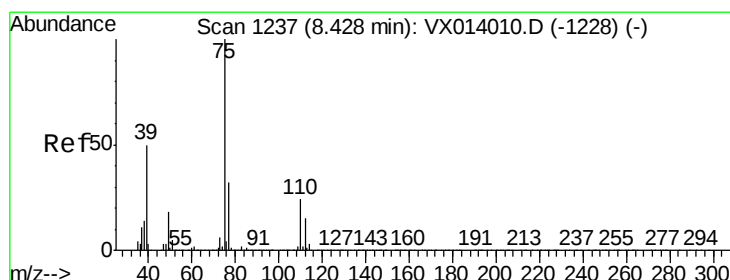
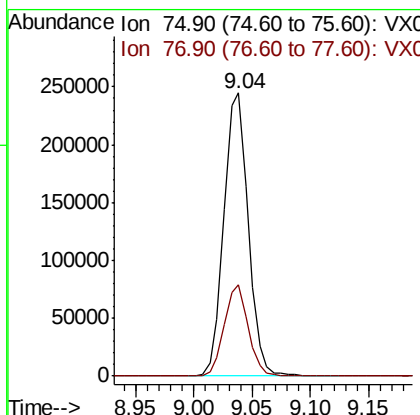
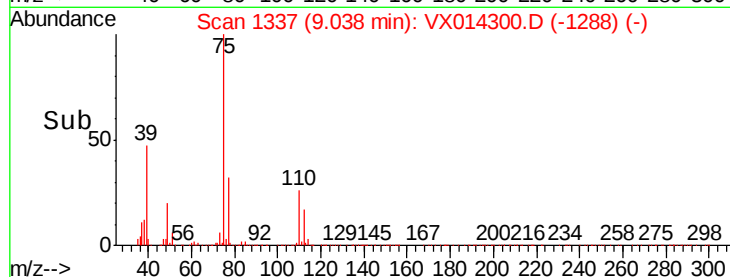
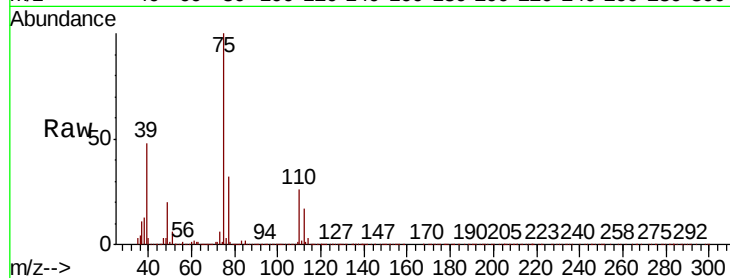
#53
t-1,3-Dichloropropene
Concen: 48.005 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7

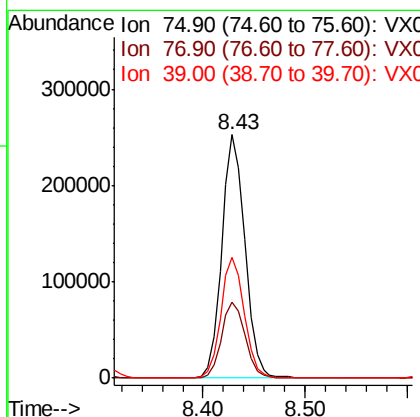
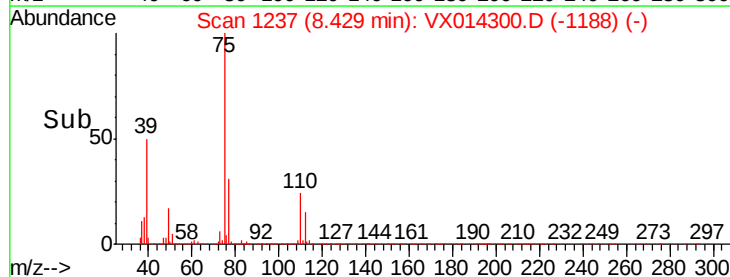
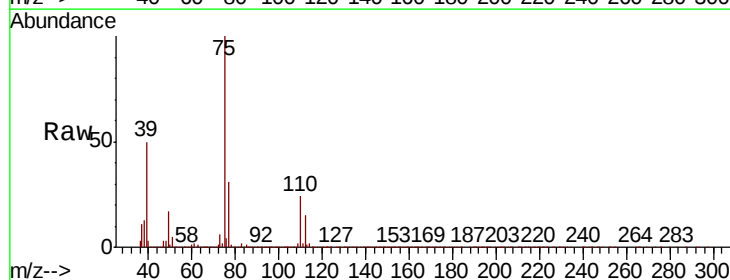
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#54
cis-1,3-Dichloropropene
Concen: 48.246 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	49.6	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 49.846 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

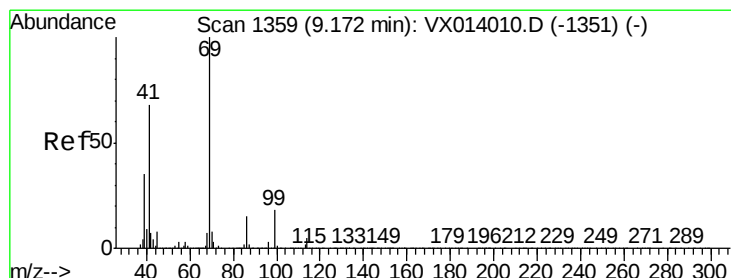
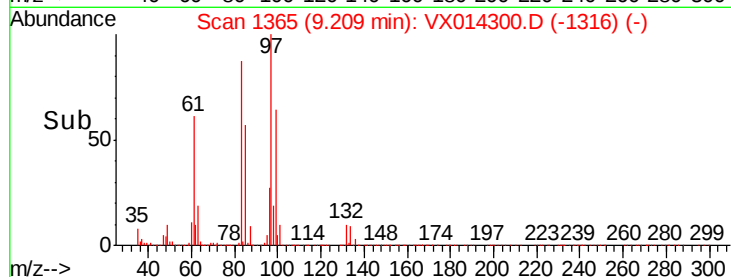
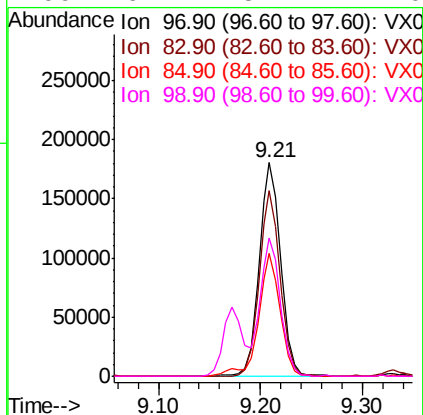
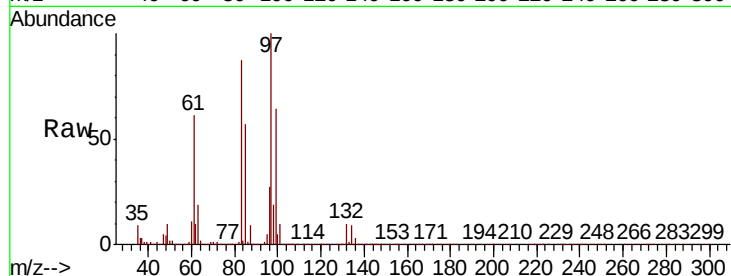
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	266681
Ion Ratio	Lower	Upper	
97	100		
83	86.9	68.2	102.4
85	57.3	44.6	66.8
99	64.4	51.4	77.0

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#56

Ethyl methacrylate

Concen: 51.435 ug/l

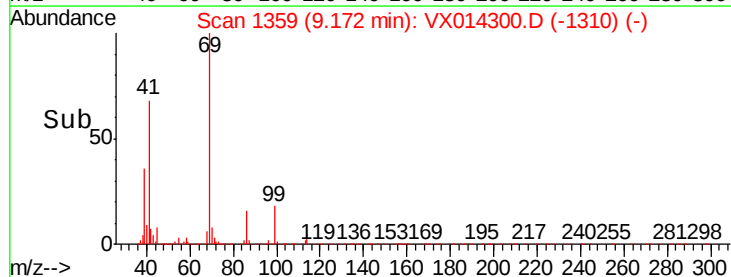
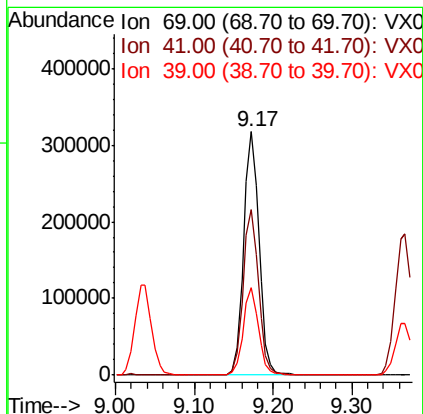
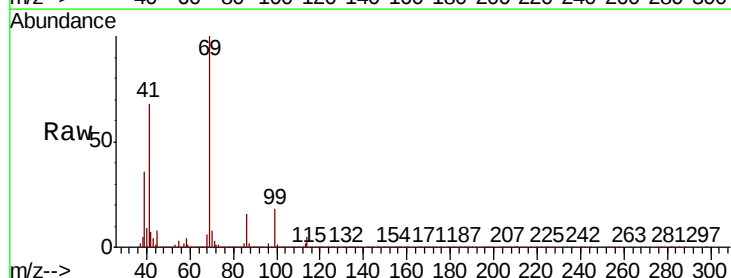
RT: 9.17 min Scan# 1359

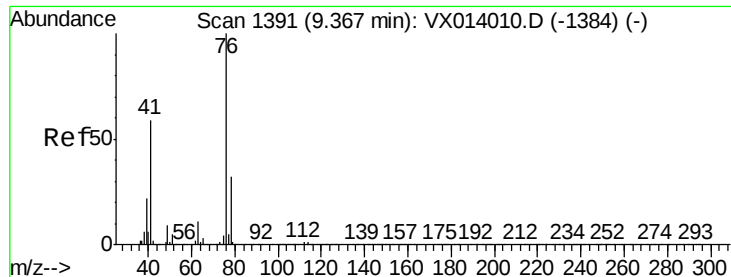
Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	69	Resp:	432265
Ion Ratio	Lower	Upper	
69	100		
41	67.5	54.8	82.2
39	35.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.809 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 448360

Ion Ratio Lower Upper

76 100

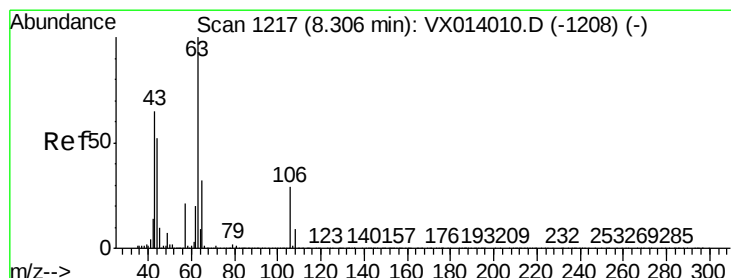
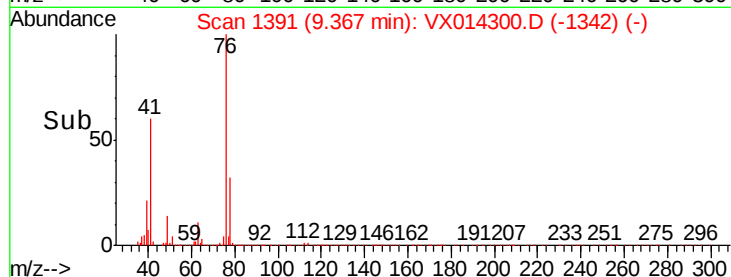
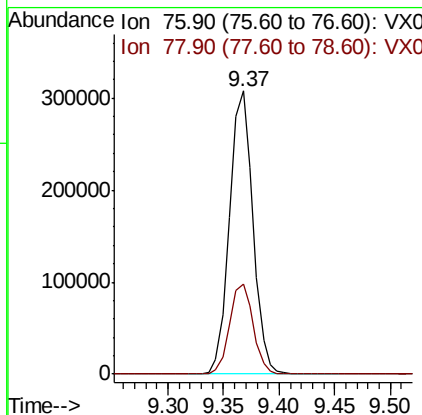
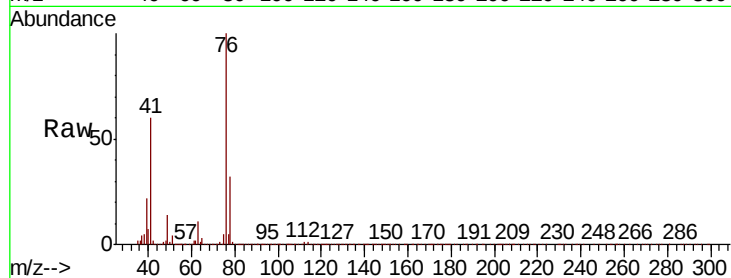
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 270.854 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014300.D

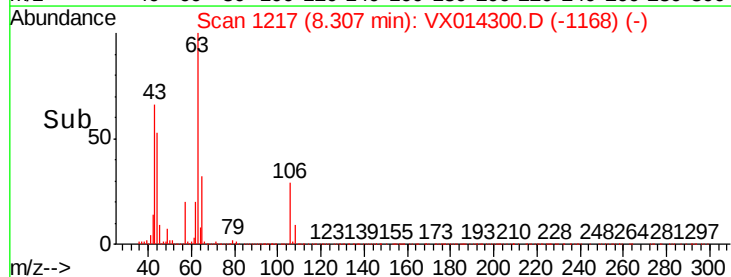
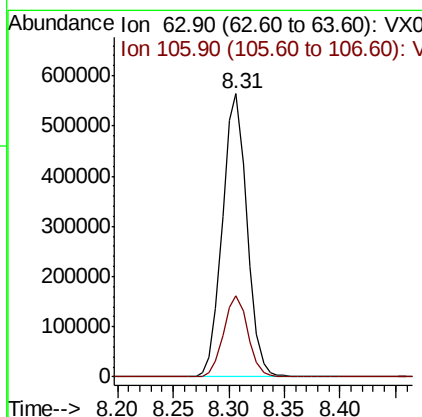
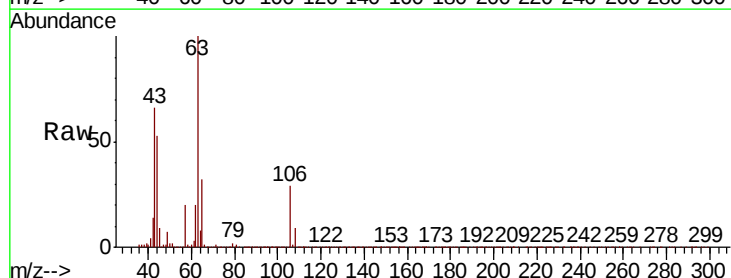
Acq: 27 Dec 2019 04:22

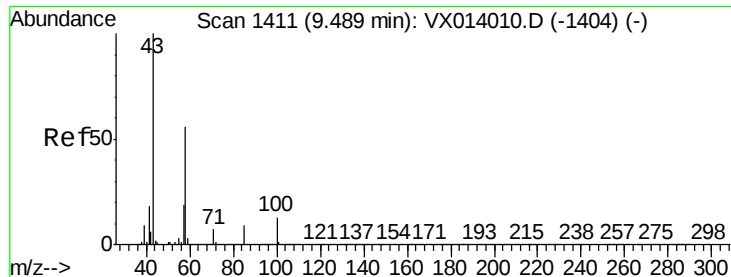
Tgt Ion: 63 Resp: 861428

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6





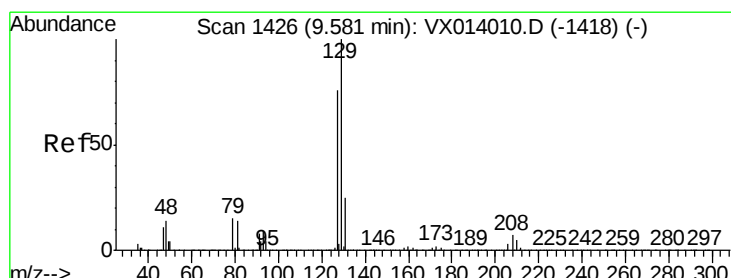
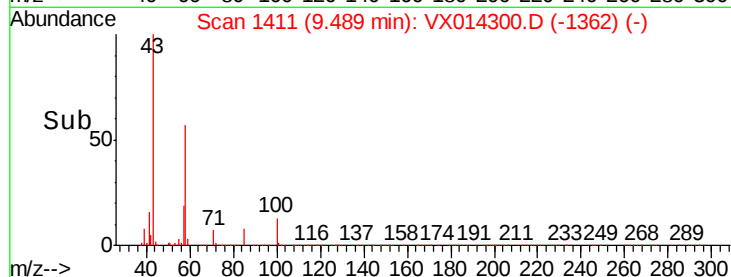
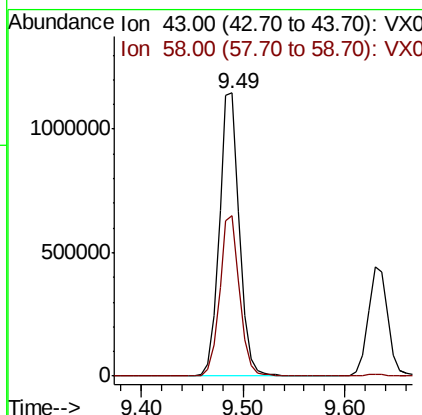
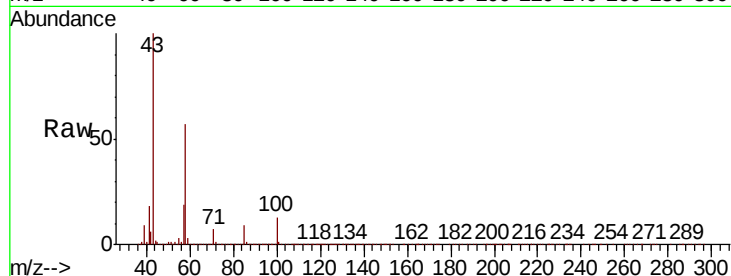
#59
2-Hexanone
Concen: 247.967 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1572528
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0

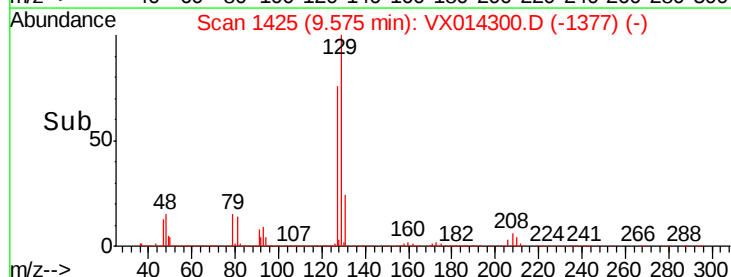
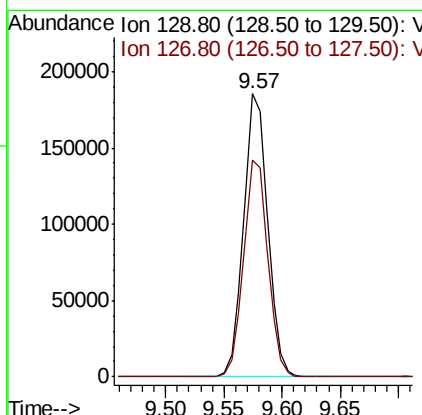
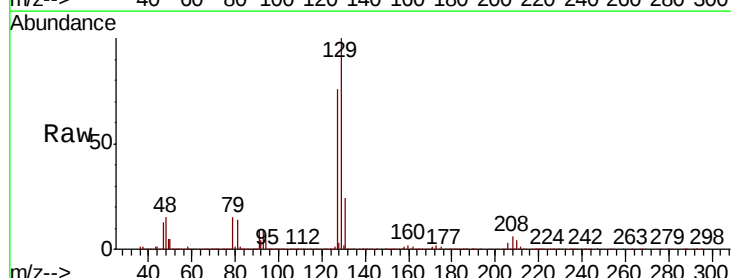
Manual Integrations
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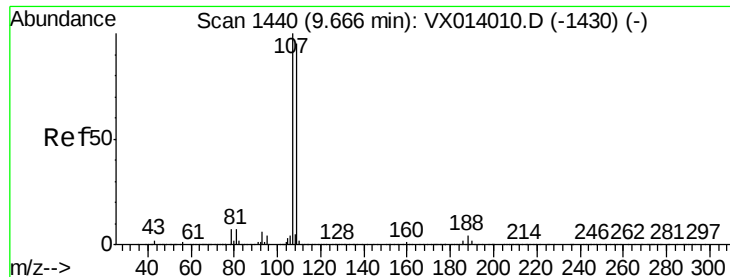
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#60
Dibromochloromethane
Concen: 50.686 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 129 Resp: 269548
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.311 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 275400

Ion Ratio Lower Upper

107 100

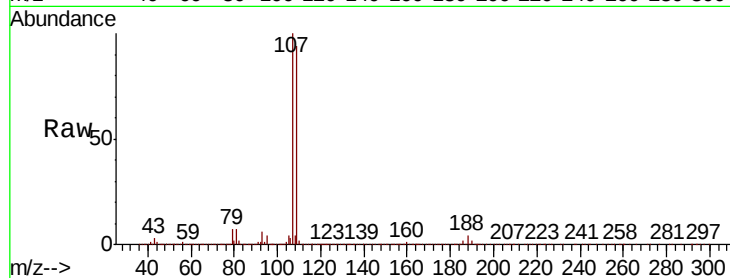
109 94.9 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

150000

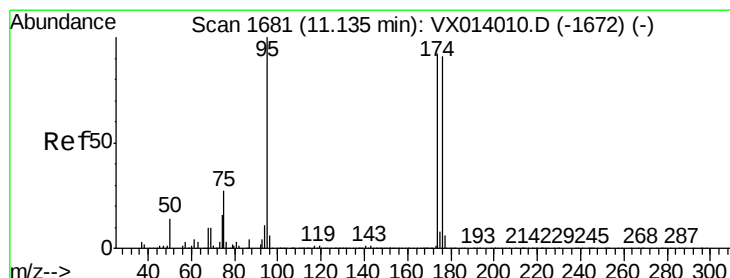
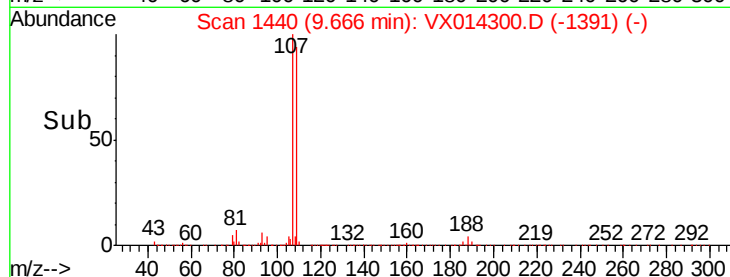
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.963 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

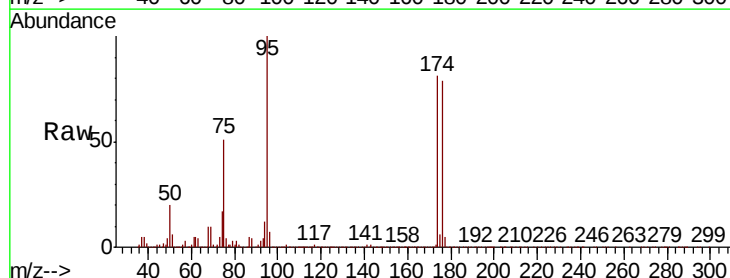
Tgt Ion: 95 Resp: 310400

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 86.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

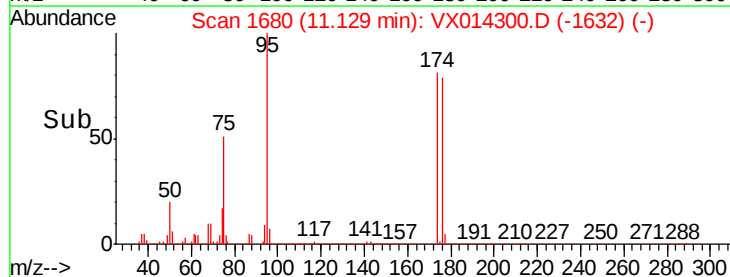
100000

50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

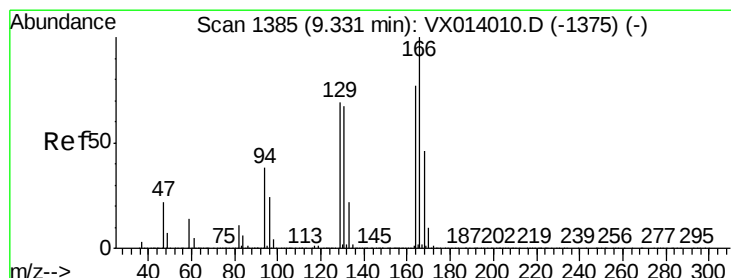
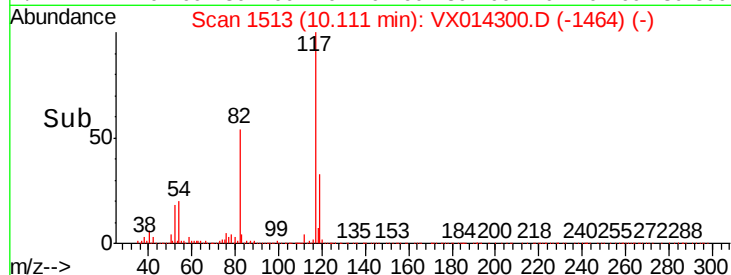
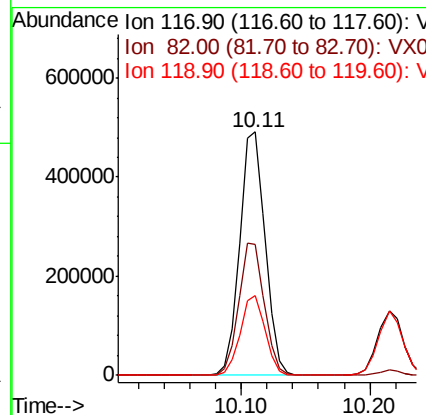
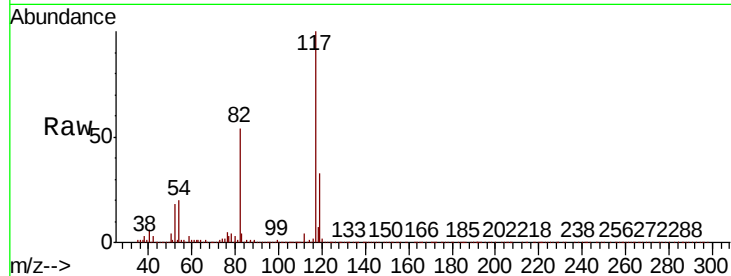
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	674625
Ion Ratio	Lower	Upper	
117	100		
82	54.0	42.2	63.4
119	32.6	25.1	37.7

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#64

Tetrachloroethene

Concen: 49.295 ug/l

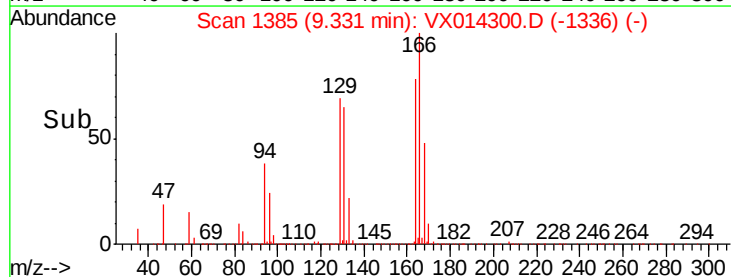
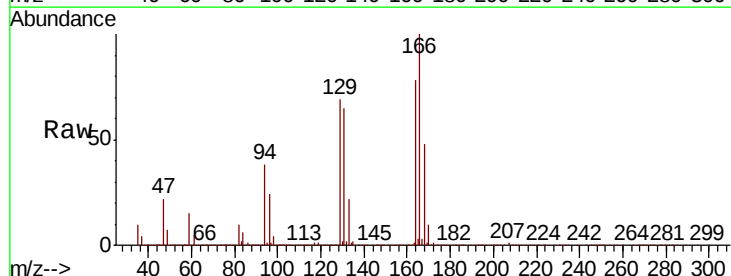
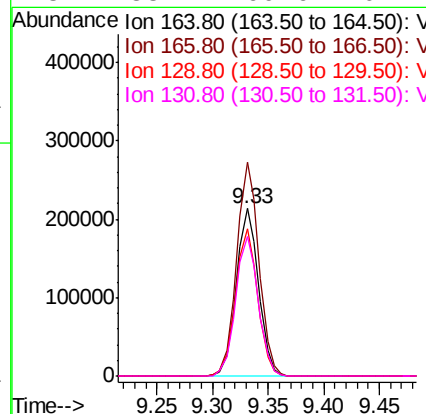
RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	164	Resp:	294271
Ion Ratio	Lower	Upper	
164	100		
166	127.8	104.0	156.0
129	88.3	72.2	108.4
131	83.4	69.6	104.4





#65

Chlorobenzene

Concen: 47.455 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 680702

Ion Ratio Lower Upper

112 100

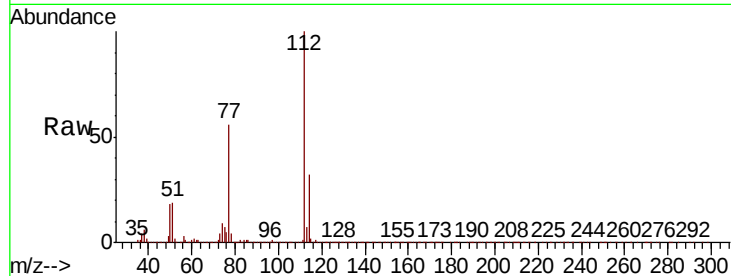
114 32.1 24.9 37.3

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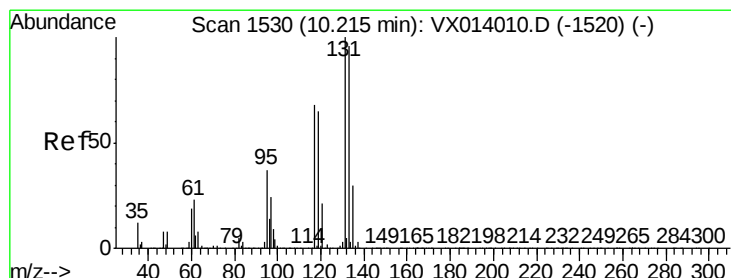
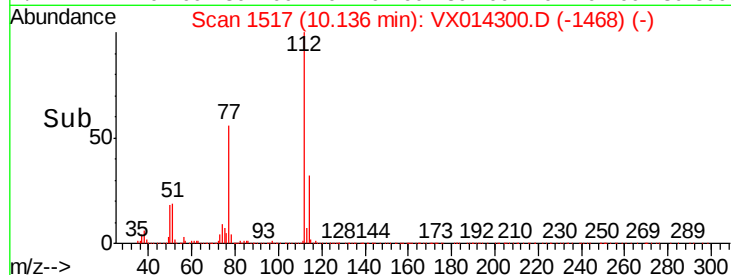
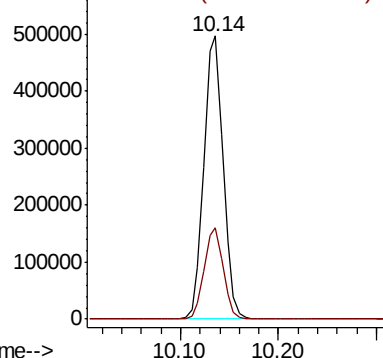
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.359 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

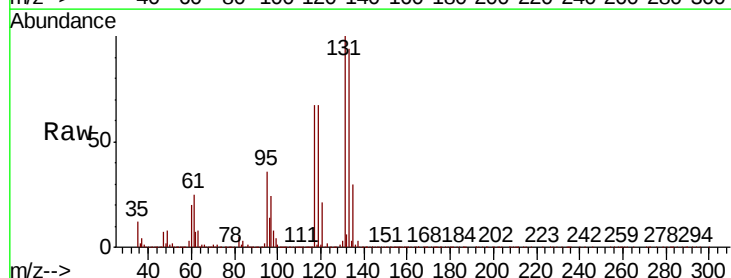
Tgt Ion:131 Resp: 257924

Ion Ratio Lower Upper

131 100

133 94.1 48.0 144.0

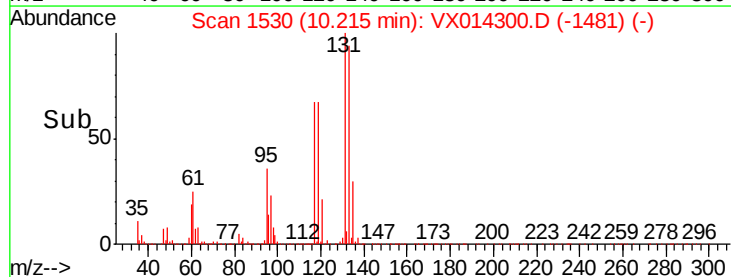
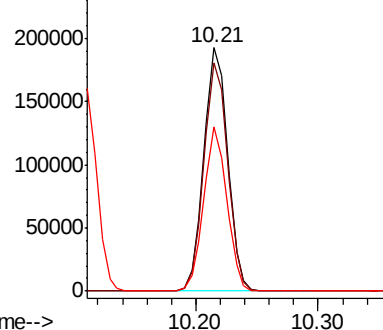
119 65.7 33.4 100.2

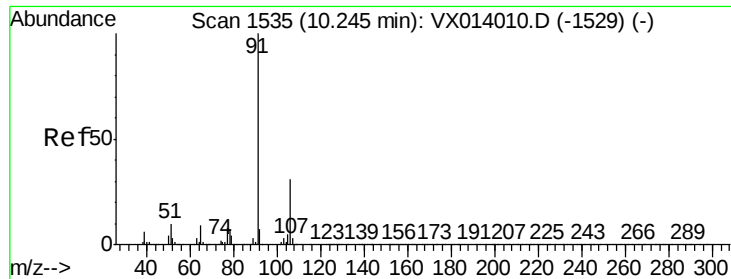


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





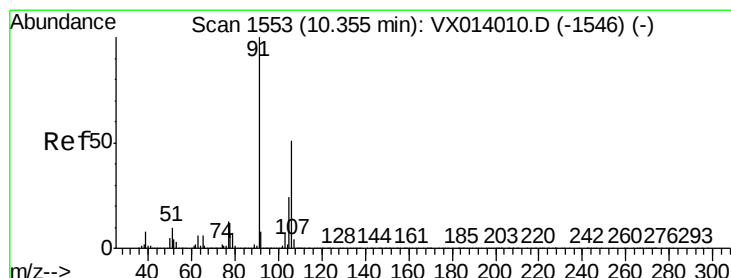
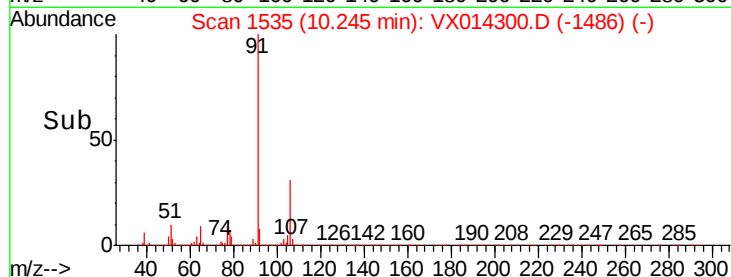
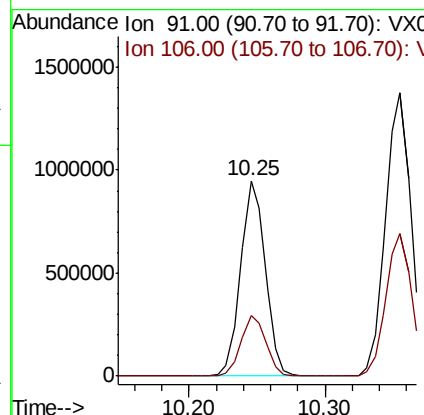
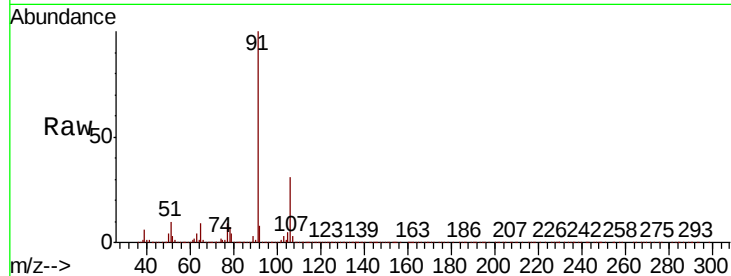
#67
Ethyl Benzene
Concen: 48.628 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1199221
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

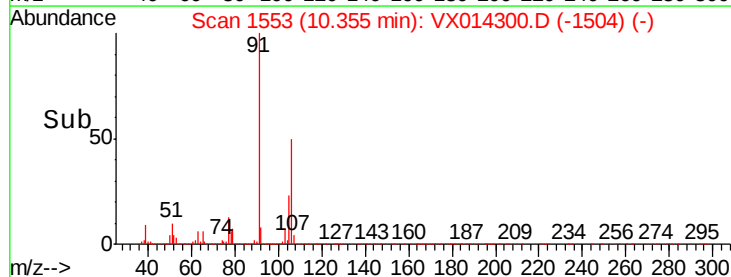
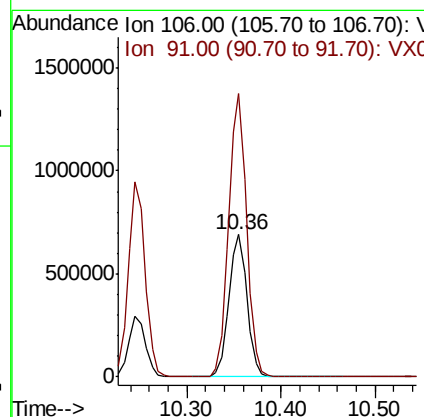
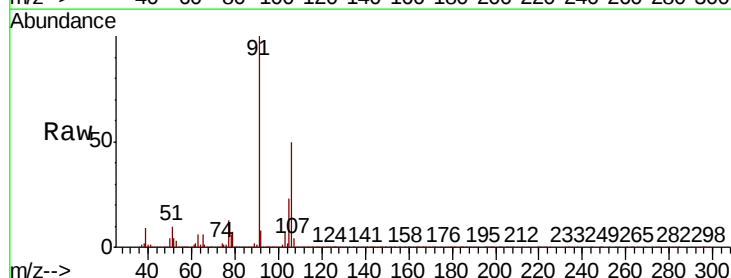
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#68
m/p-Xylenes
Concen: 96.449 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion: 106 Resp: 914816
Ion Ratio Lower Upper
106 100
91 198.0 158.6 238.0





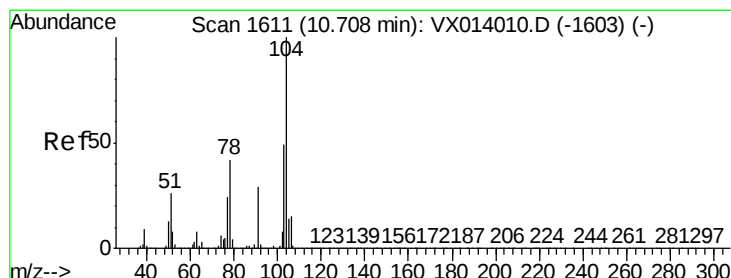
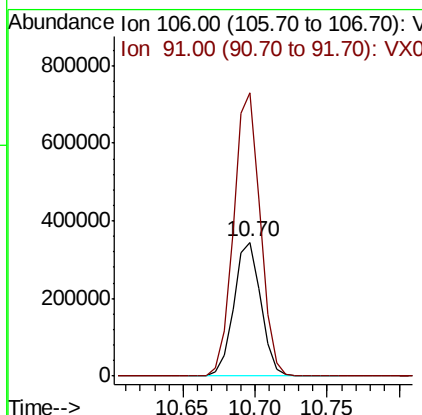
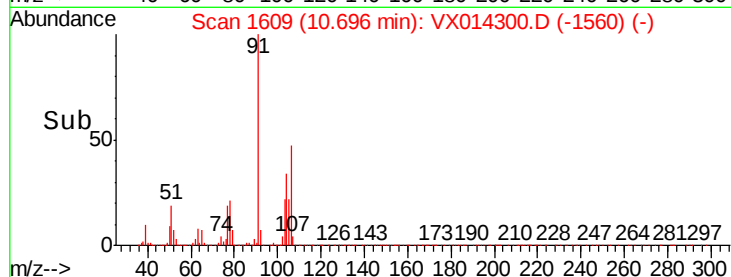
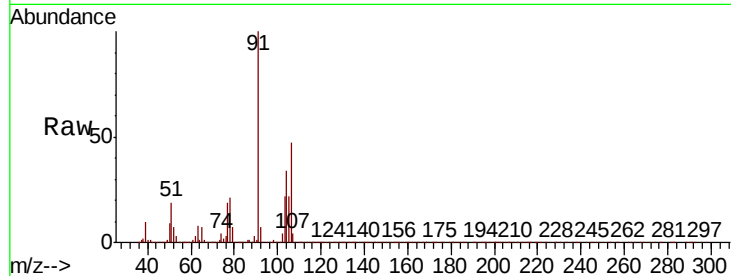
#69
o-Xylene
Concen: 48.357 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 449833
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.6

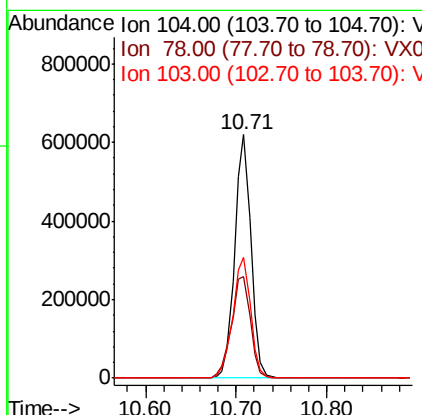
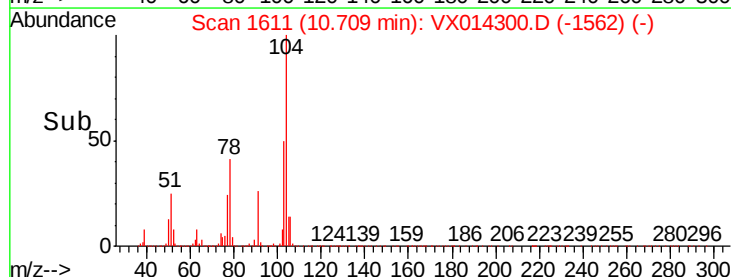
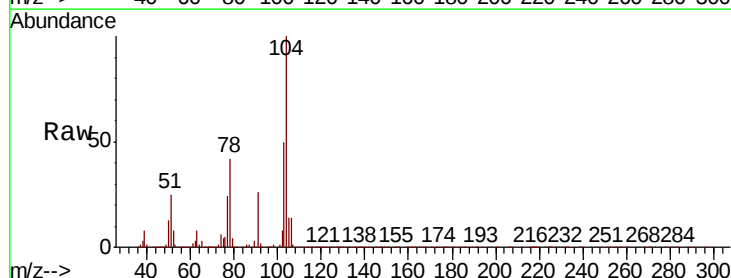
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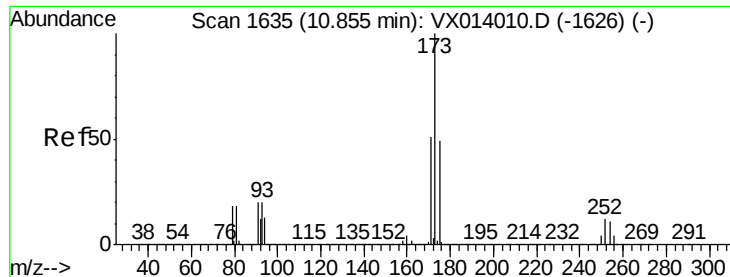
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#70
Styrene
Concen: 48.994 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion:104 Resp: 770677
Ion Ratio Lower Upper
104 100
78 49.0 38.5 57.7
103 54.4 42.9 64.3





#71

Bromoform

Concen: 50.147 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 206453

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.4

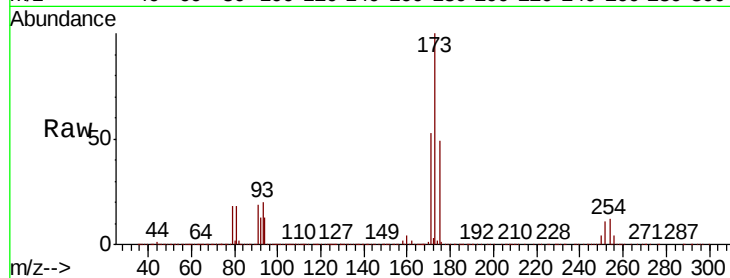
254 0.2 0.2 0.2

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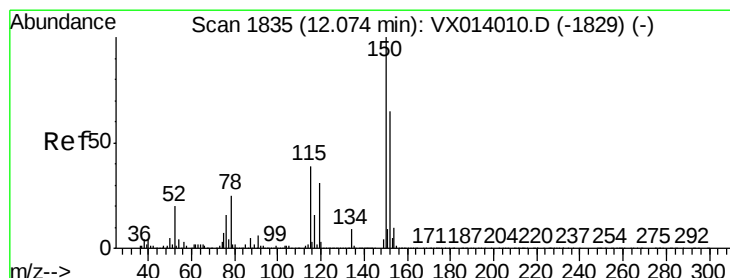
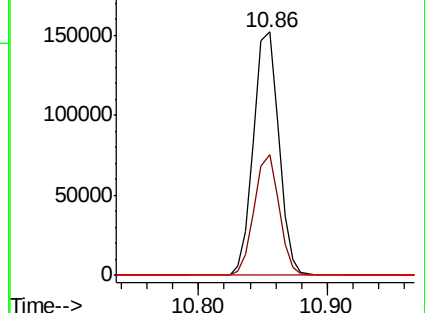
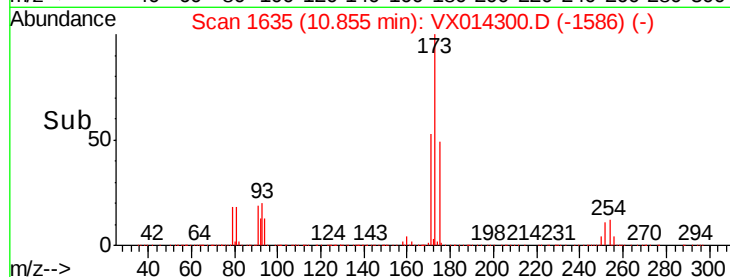
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

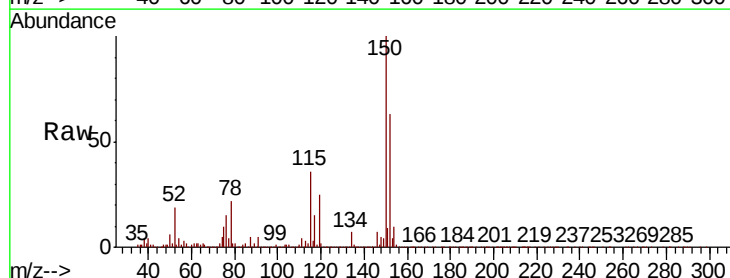
Tgt Ion:152 Resp: 336150

Ion Ratio Lower Upper

152 100

115 77.0 38.3 114.9

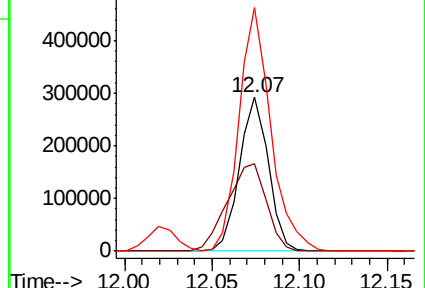
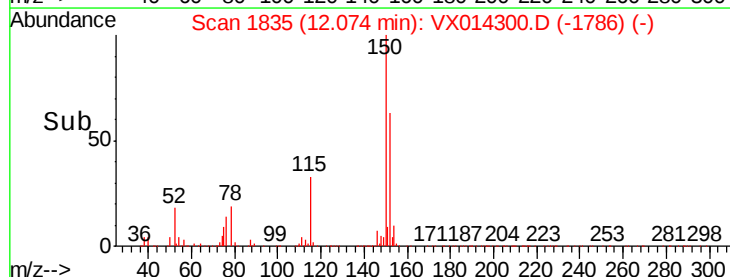
150 174.3 0.0 345.4

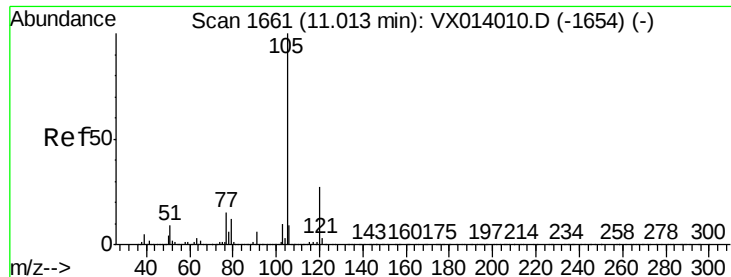


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.944 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1182059

Ion Ratio Lower Upper

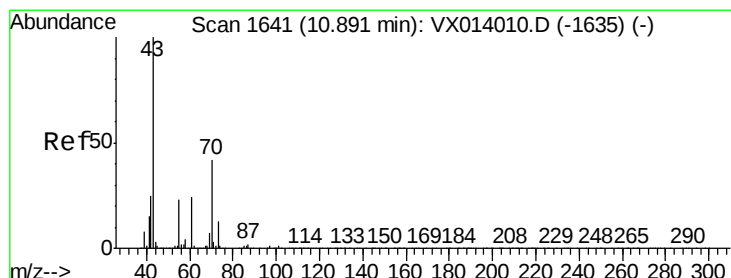
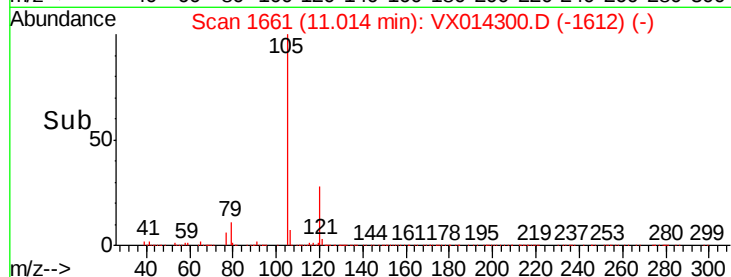
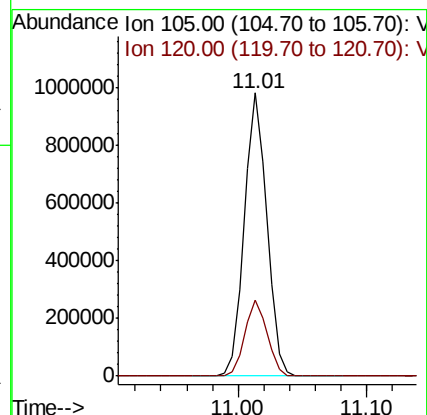
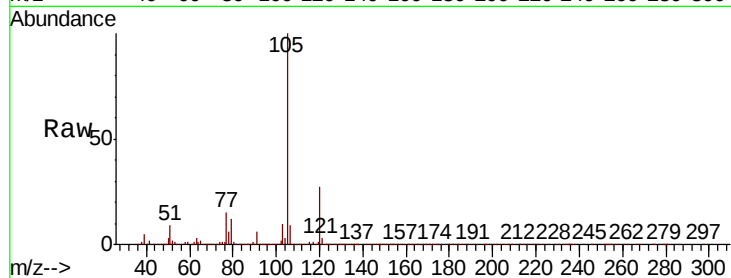
105 100

120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 52.199 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion: 43 Resp: 579088

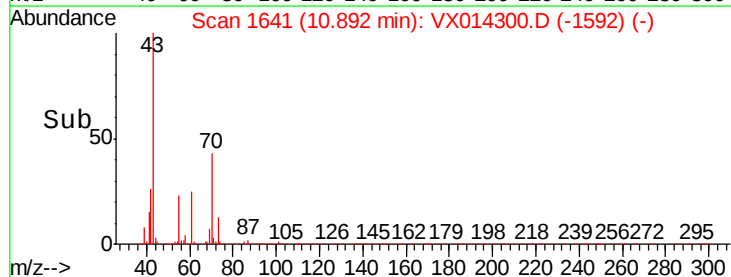
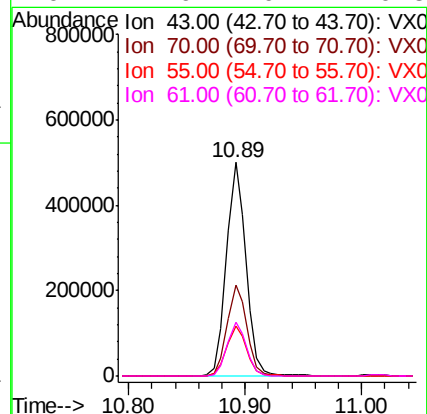
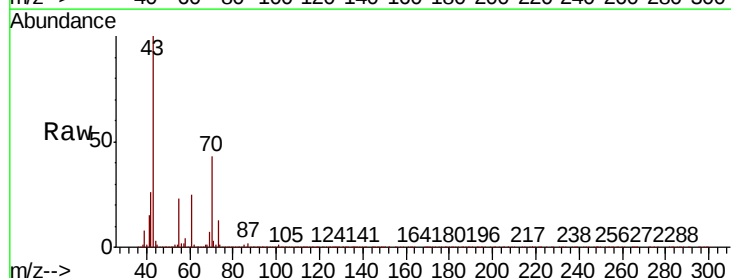
Ion Ratio Lower Upper

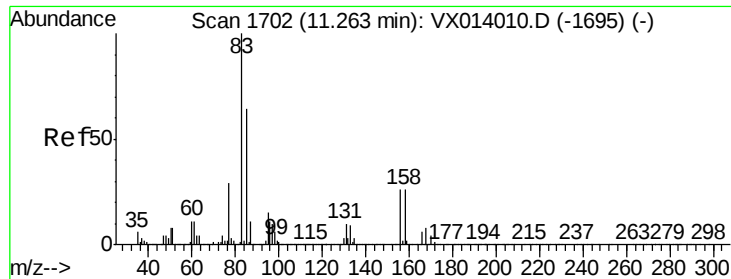
43 100

70 43.0 34.4 51.6

55 24.1 19.1 28.7

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.467 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

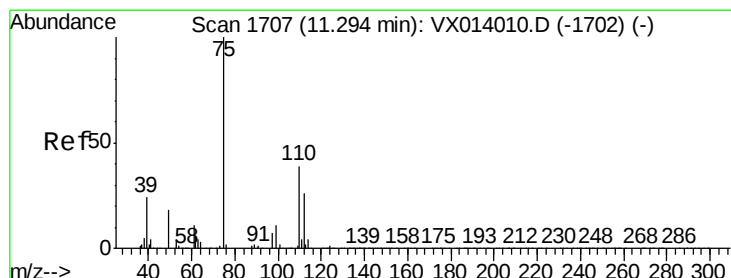
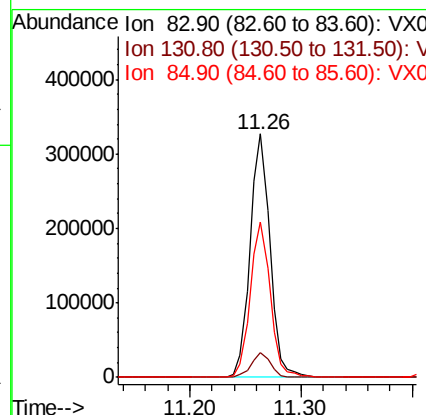
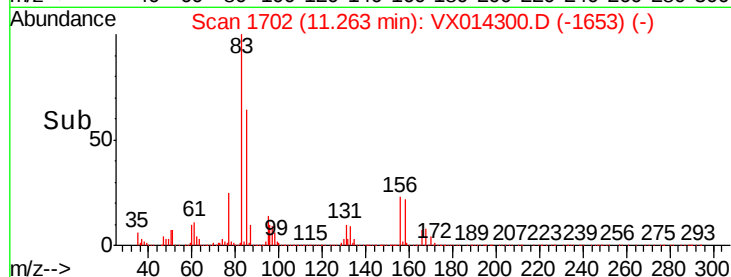
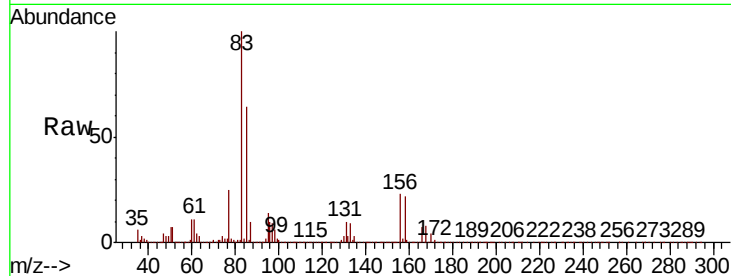
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	405895
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	64.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 45.759 ug/l m

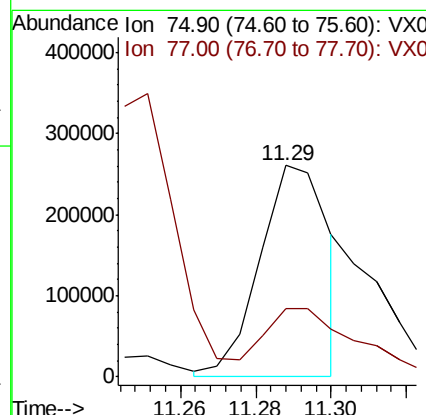
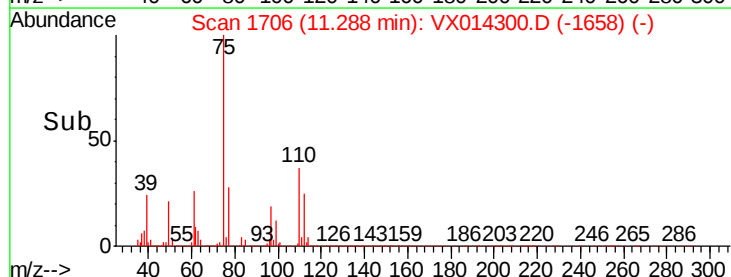
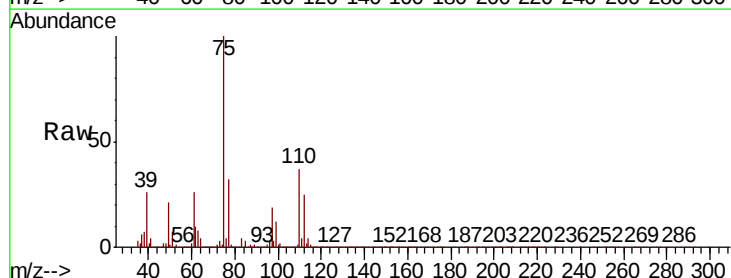
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	75	Resp:	333938
Ion Ratio	Lower	Upper	
75	100		
77	42.6	19.3	57.8





#77

Bromobenzene

Concen: 47.279 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

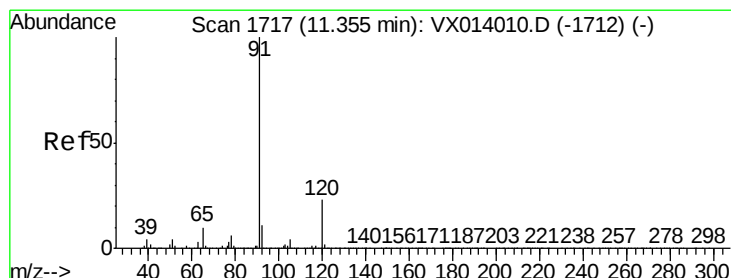
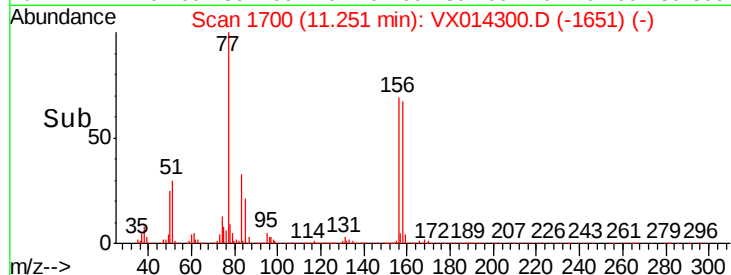
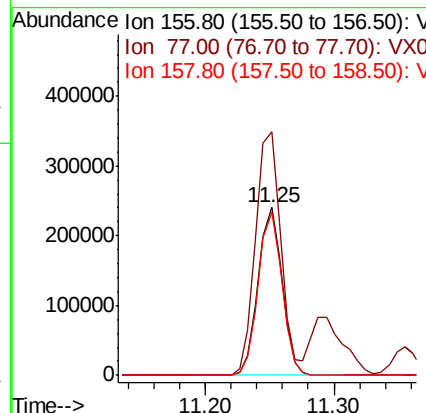
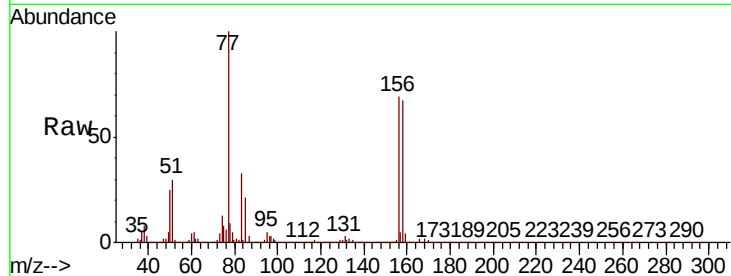
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	307873
Ion Ratio	Lower	Upper	
156	100		
77	153.6	76.5	229.5
158	96.7	49.3	147.9

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#78

n-propylbenzene

Concen: 49.988 ug/l

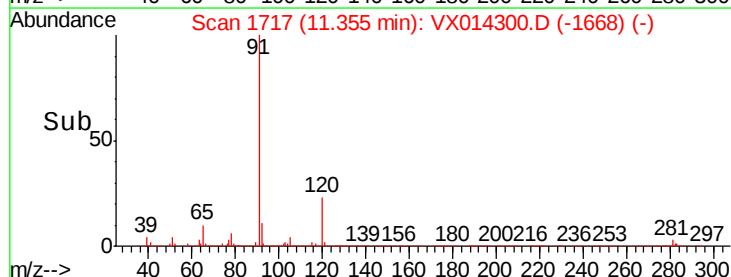
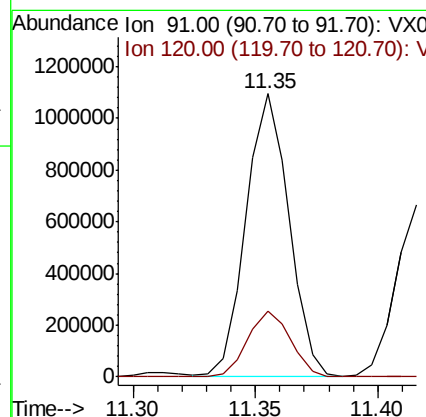
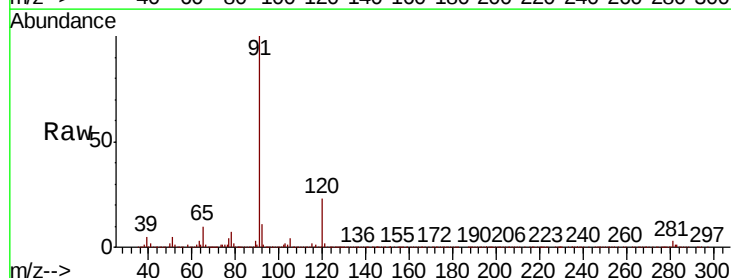
RT: 11.35 min Scan# 1717

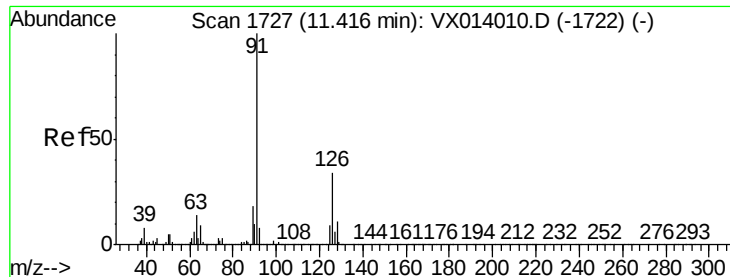
Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	91	Resp:	1327042
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





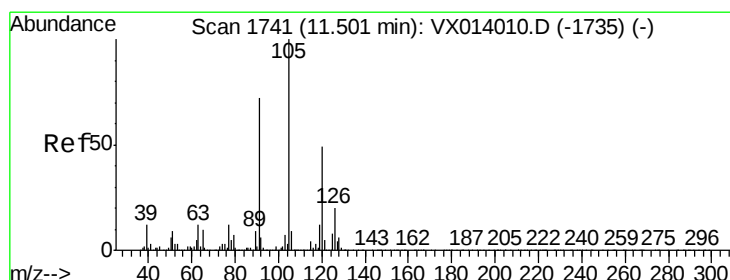
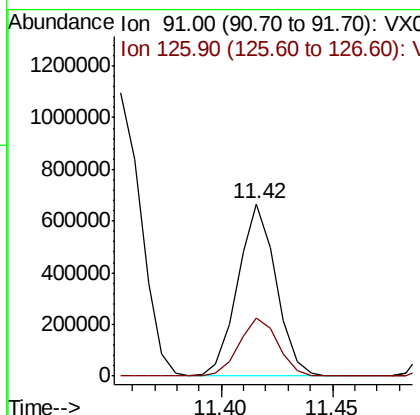
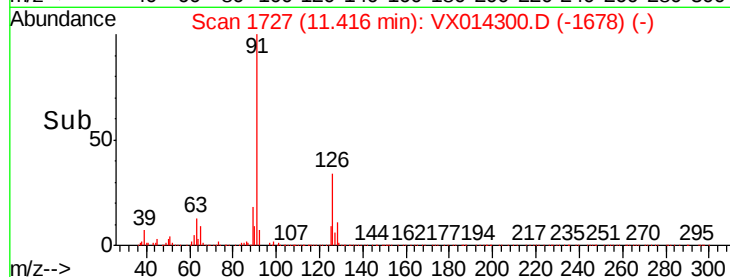
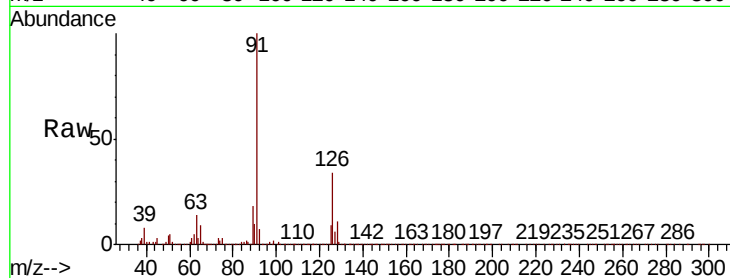
#79
 2-Chlorotoluene
 Concen: 49.056 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 791643
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6

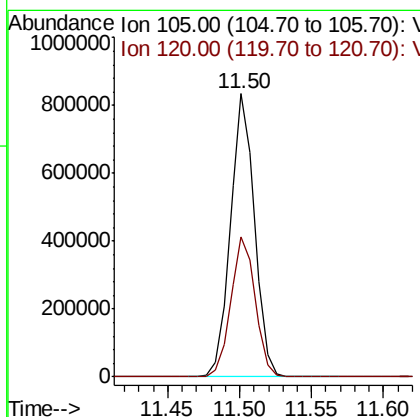
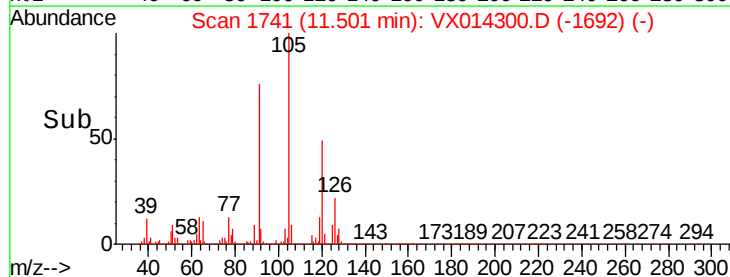
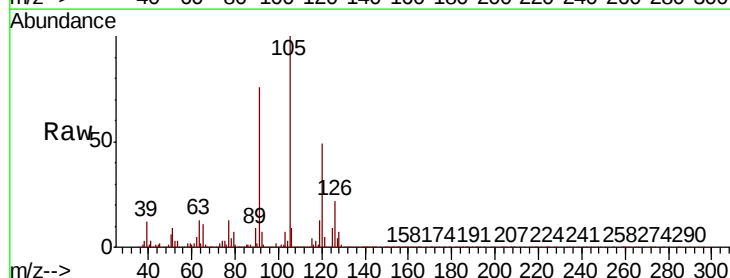
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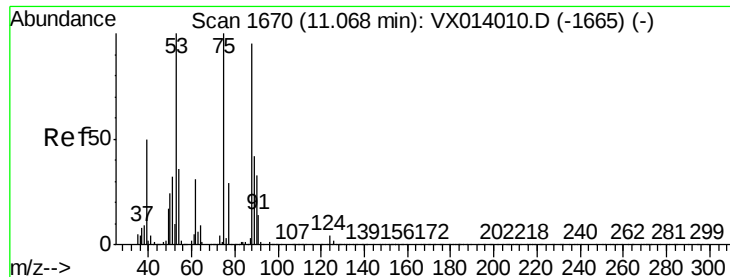
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.163 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion: 105 Resp: 979257
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.8





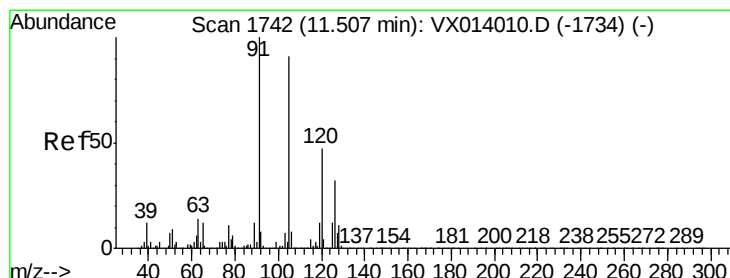
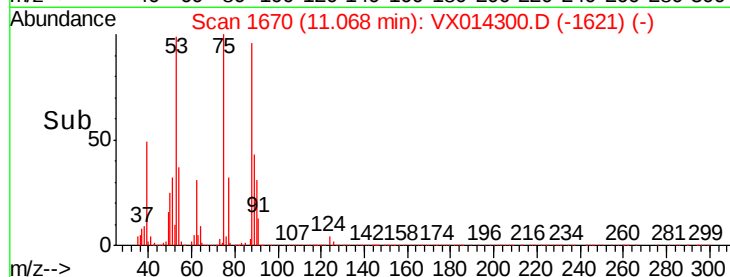
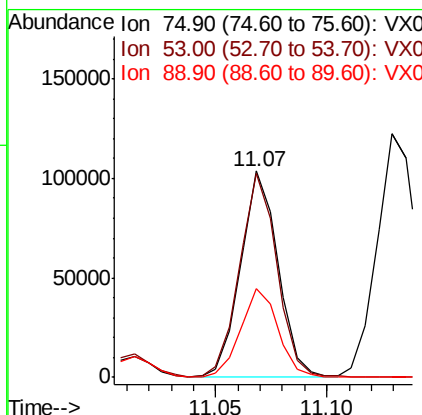
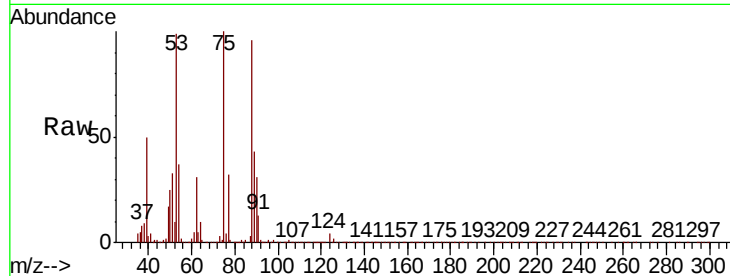
#81
trans-1,4-Dichloro-2-butene
Concen: 46.832 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	76.7	115.1
89	42.9	34.6	51.8

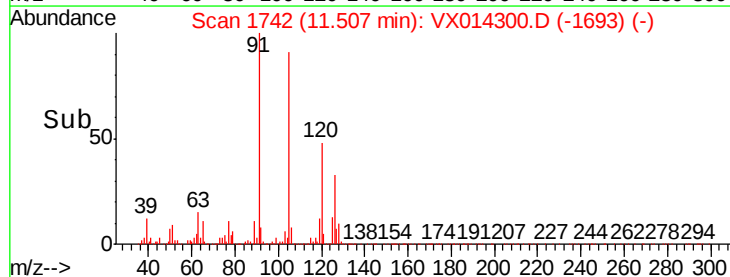
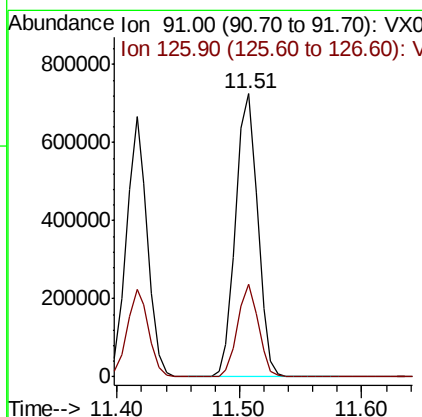
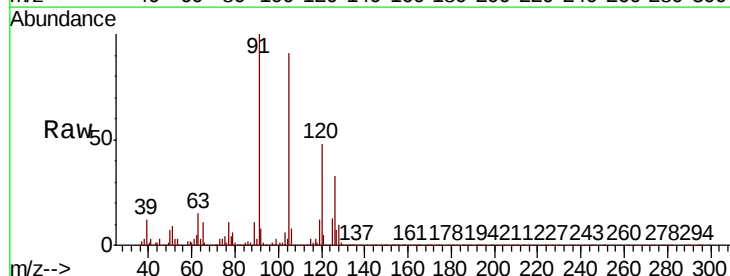
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#82
4-Chlorotoluene
Concen: 48.296 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.8





#83

tert-Butylbenzene

Concen: 49.010 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

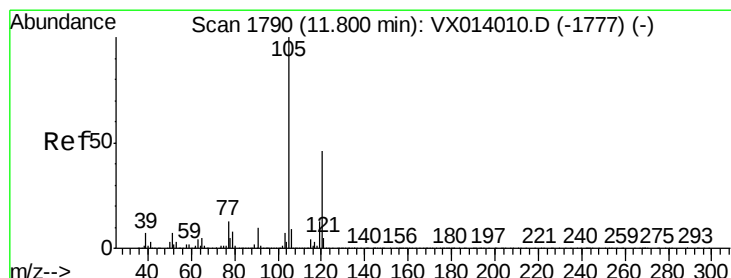
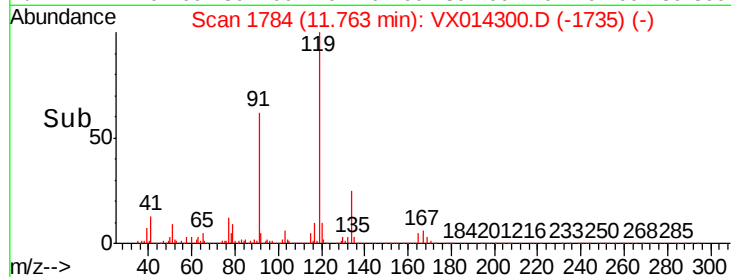
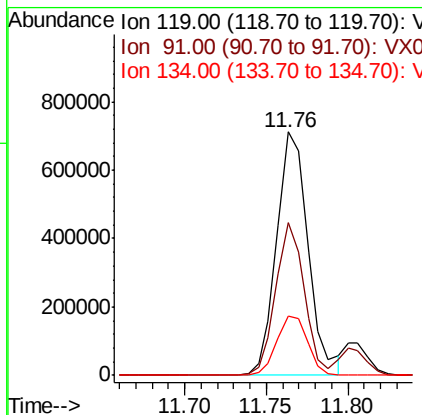
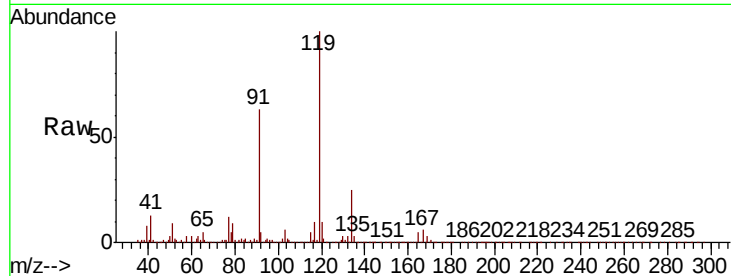
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	950011
Ion Ratio	Lower	Upper	
119	100		
91	56.8	28.5	85.6
134	24.1	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 49.503 ug/l

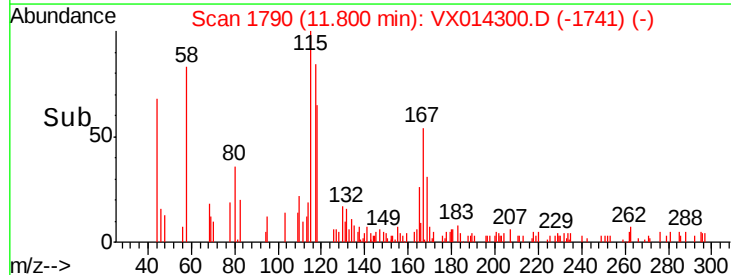
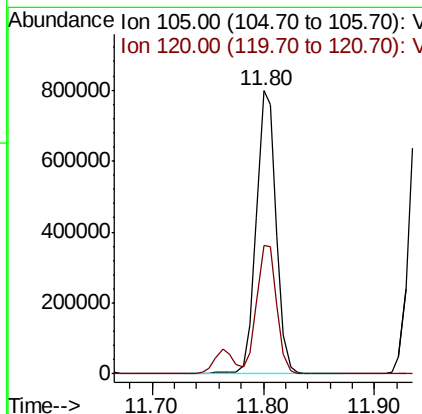
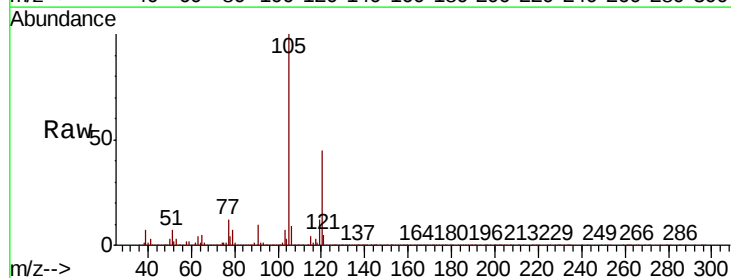
RT: 11.80 min Scan# 1790

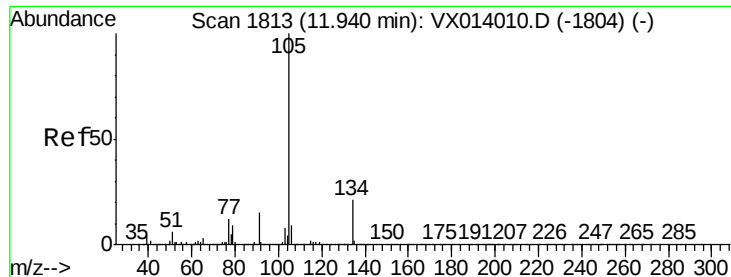
Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	105	Resp:	987450
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.634 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1135790

Ion Ratio Lower Upper

105 100

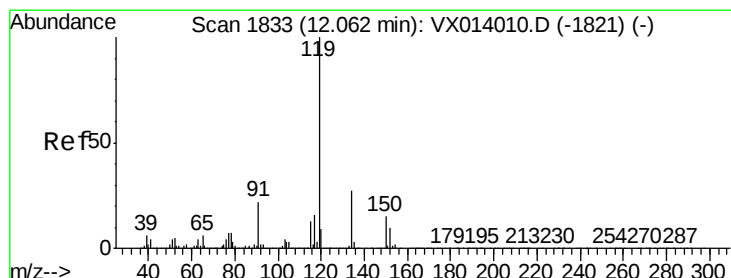
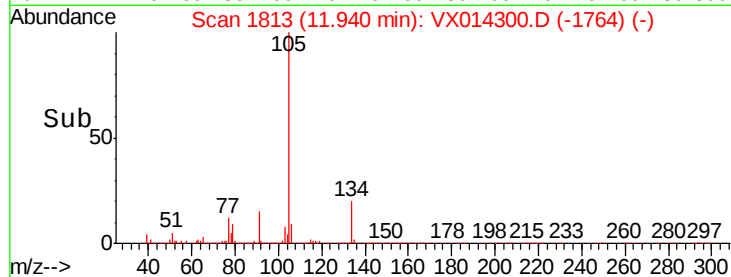
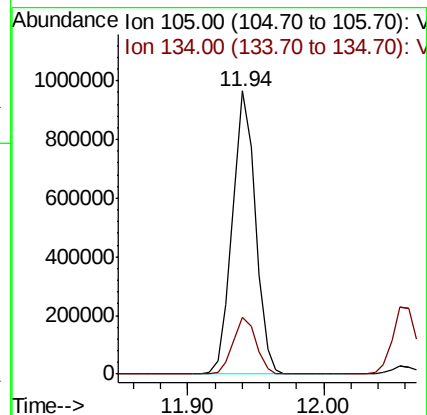
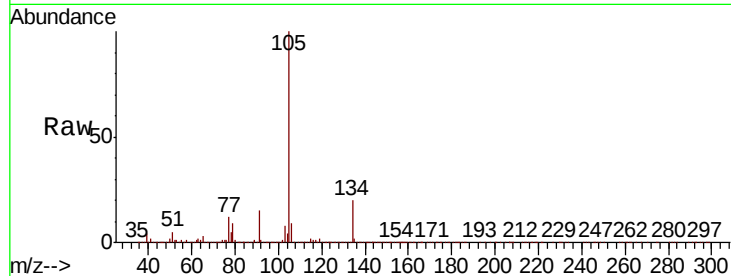
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.515 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

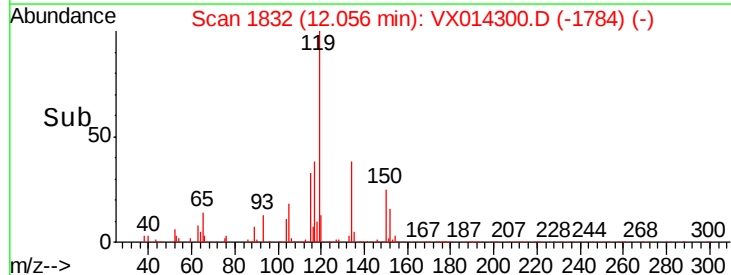
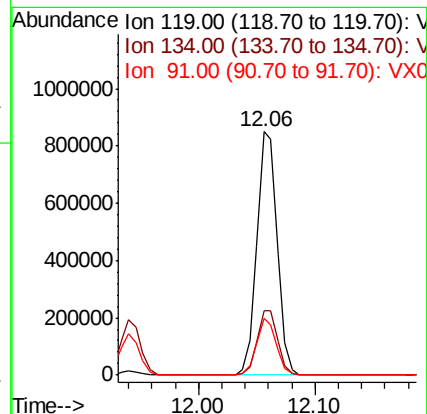
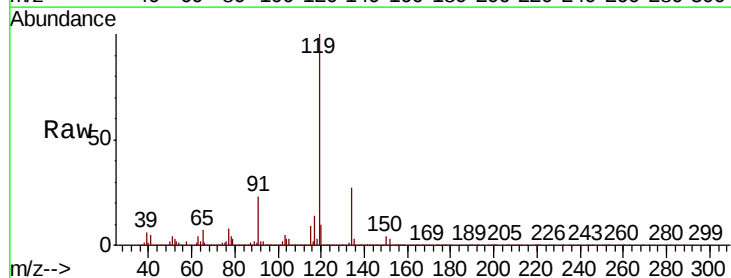
Tgt Ion:119 Resp: 1036469

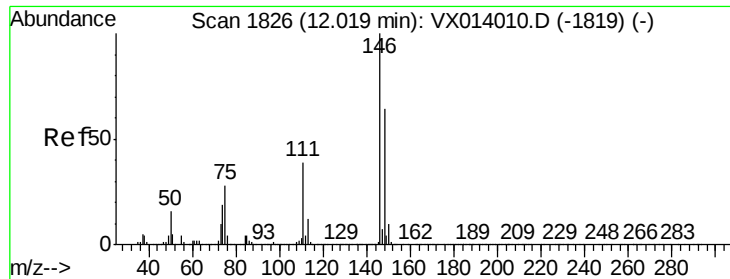
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.3 11.4 34.1





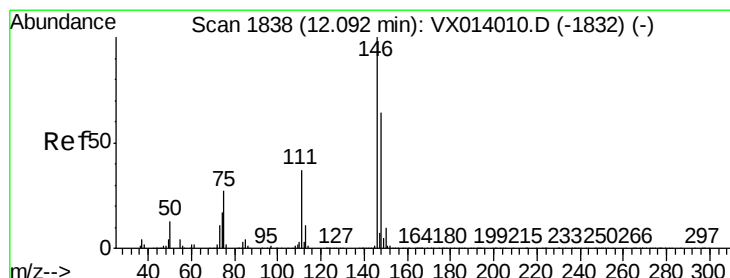
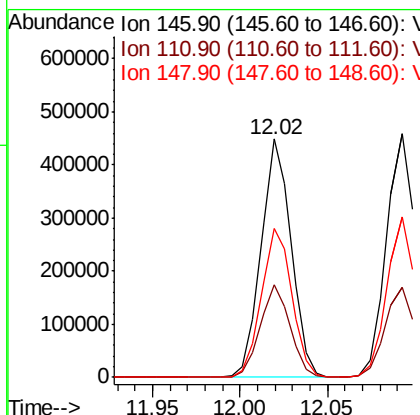
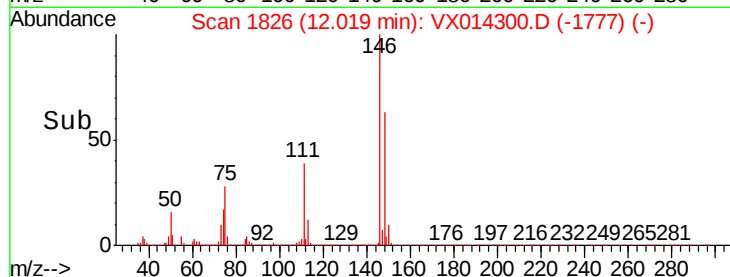
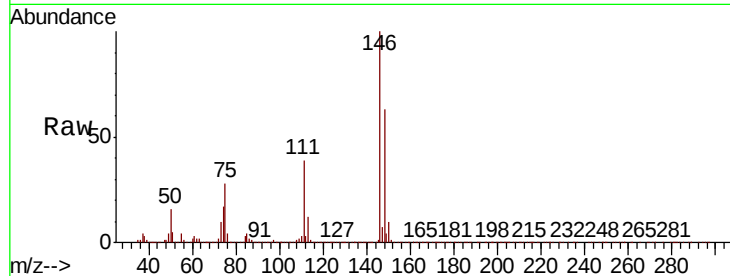
#87
 1,3-Dichlorobenzene
 Concen: 46.987 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	63.4	32.3	96.9

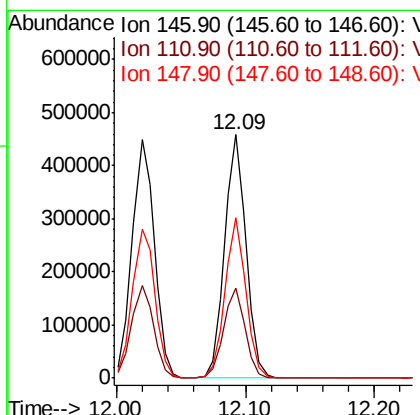
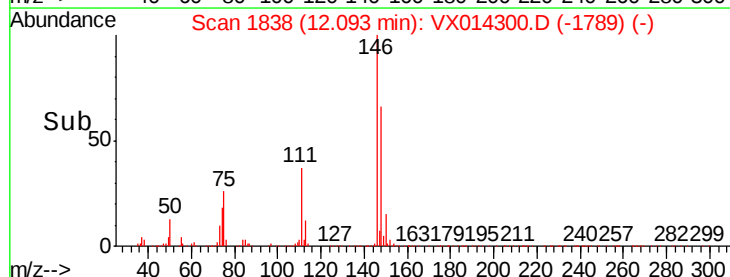
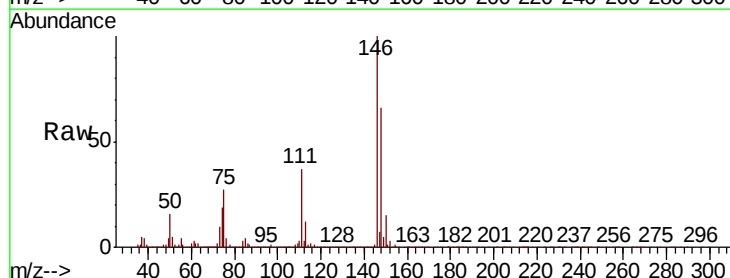
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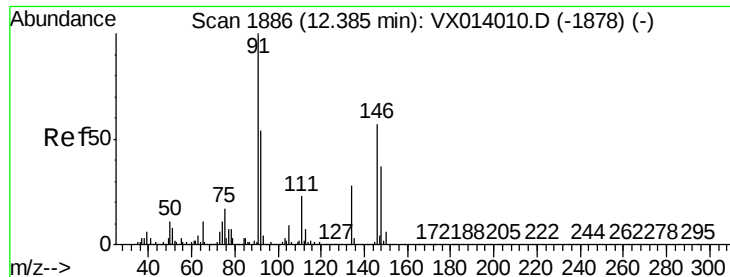
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#88
 1,4-Dichlorobenzene
 Concen: 46.331 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	31.9	95.9





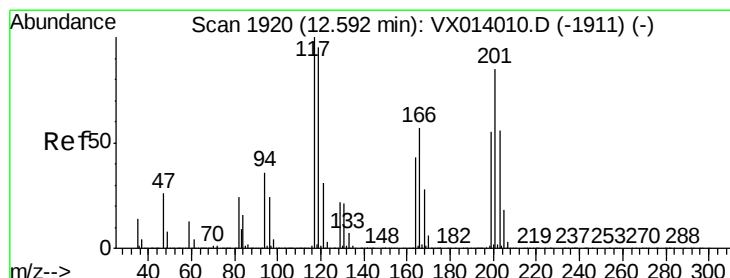
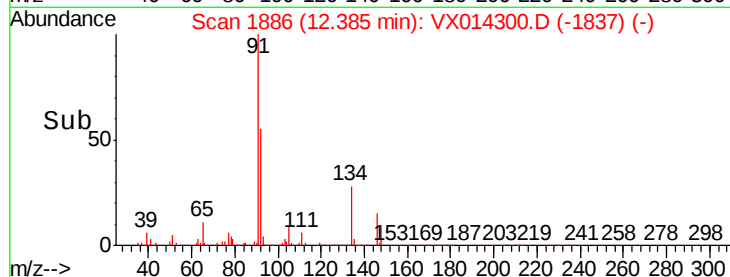
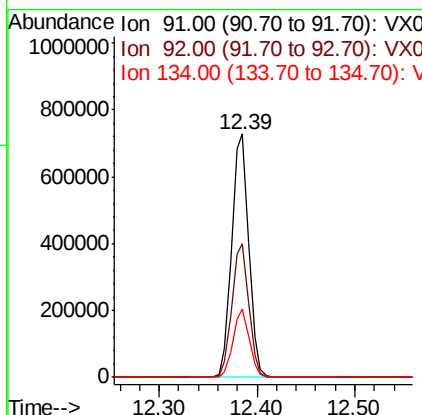
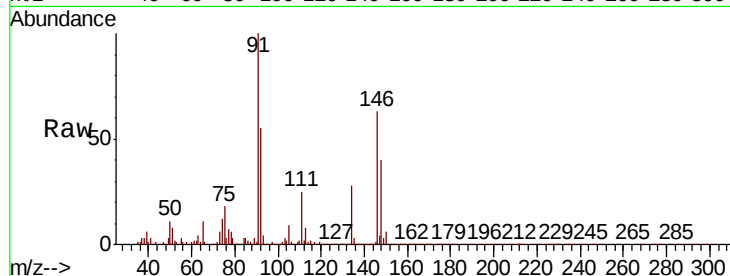
#89
n-Butylbenzene
Concen: 49.174 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	26.7	13.4	40.1

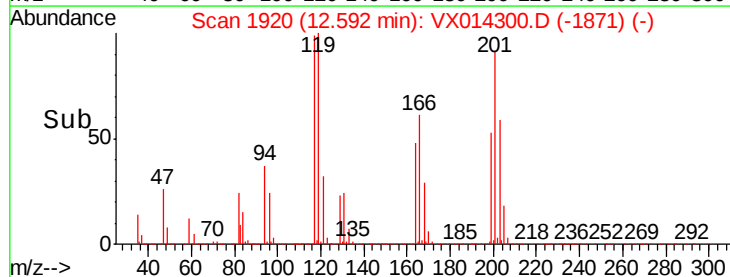
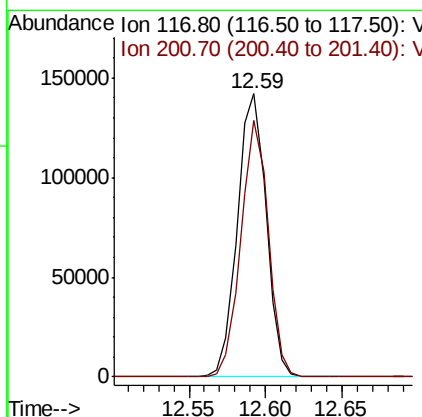
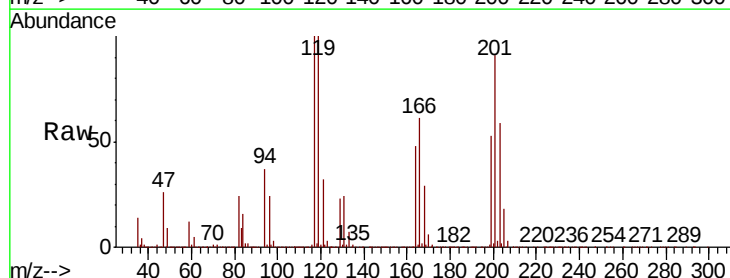
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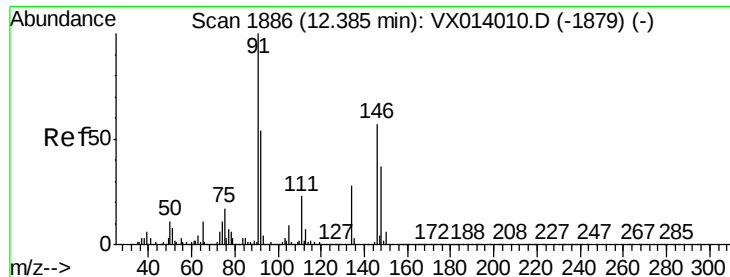
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#90
Hexachloroethane
Concen: 49.164 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014300.D
Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	43.1	129.3





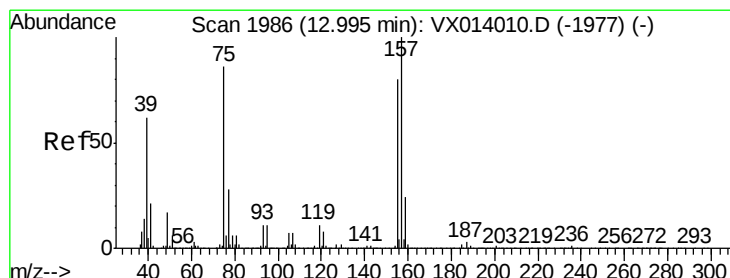
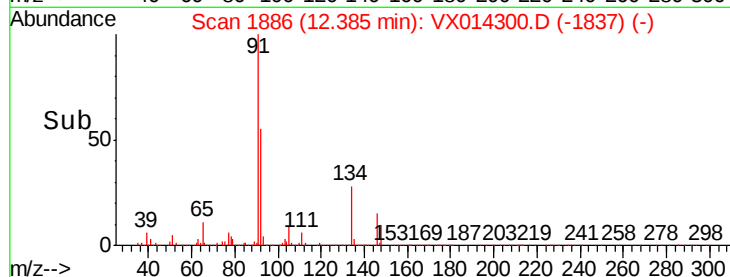
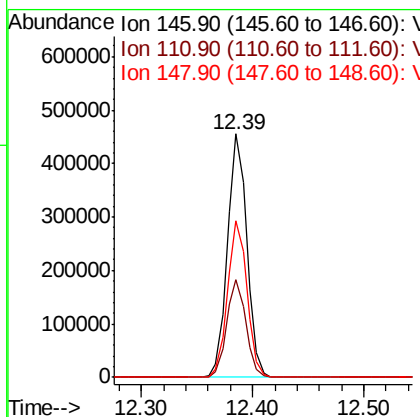
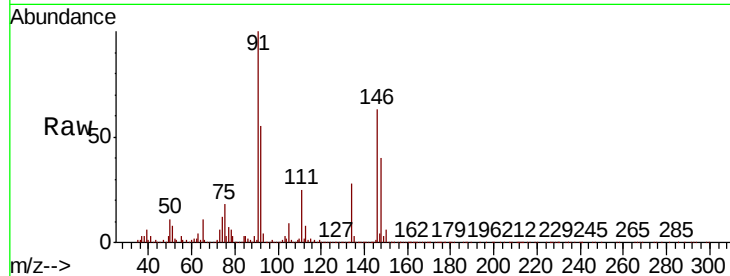
#91
 1,2-Dichlorobenzene
 Concen: 47.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.0	32.1	96.5

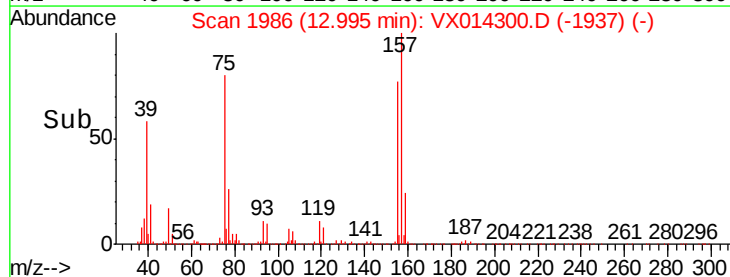
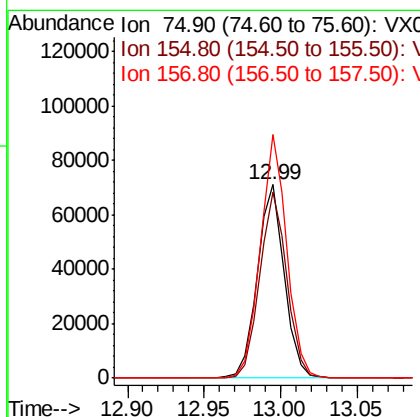
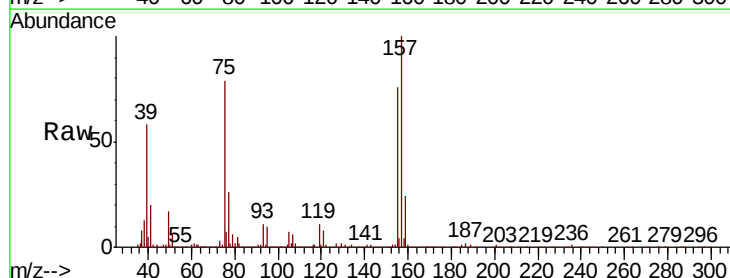
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.224 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014300.D
 Acq: 27 Dec 2019 04:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	46.9	140.6
157	124.0	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 47.892 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

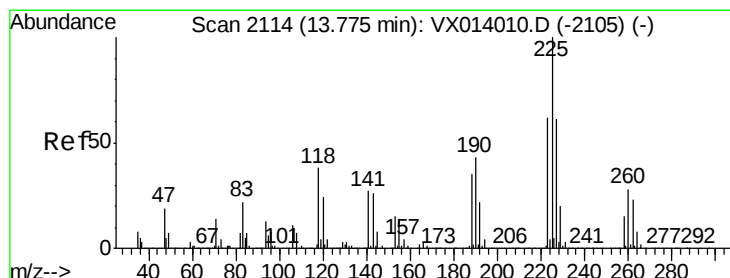
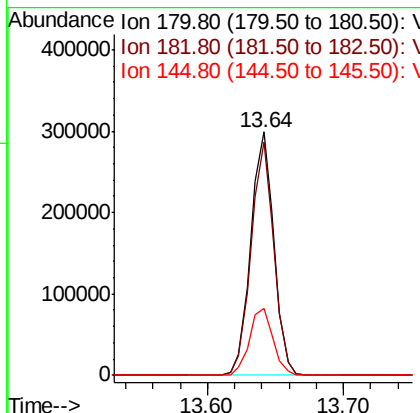
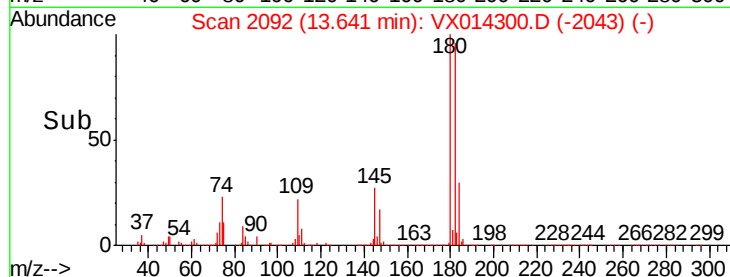
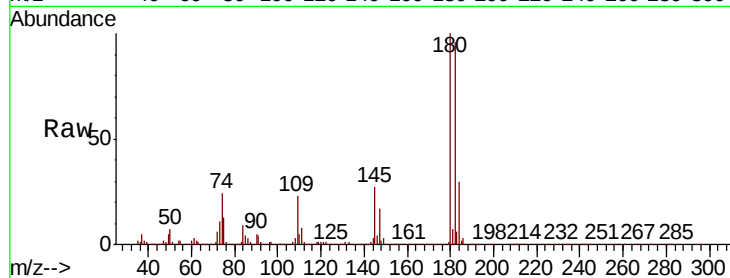
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	357619
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.6	139.8
145	27.8	14.2	42.6

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 46.424 ug/l

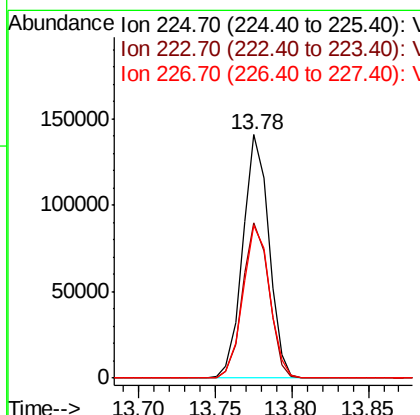
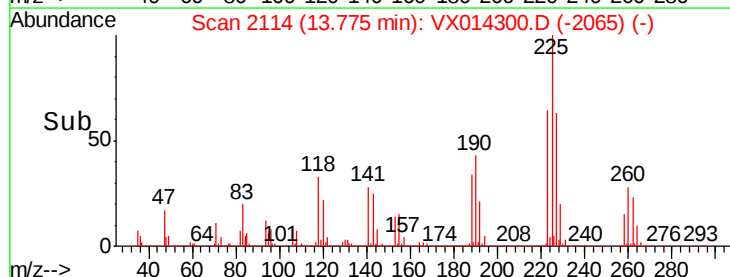
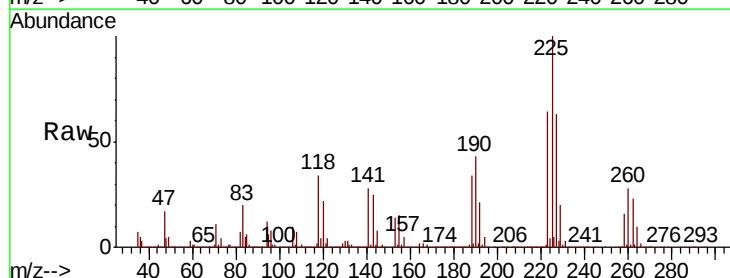
RT: 13.78 min Scan# 2114

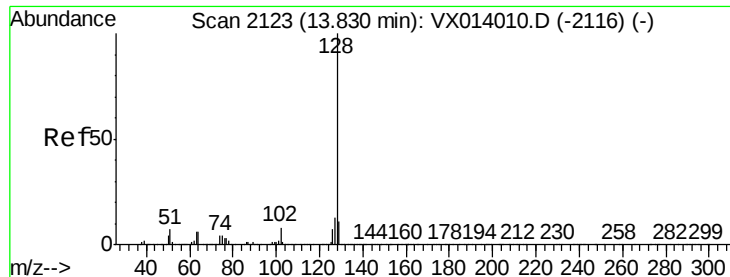
Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Tgt Ion:	225	Resp:	166603
Ion Ratio	Lower	Upper	
225	100		
223	64.4	30.9	92.5
227	64.2	30.9	92.7





#95

Naphthalene

Concen: 52.452 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1150729

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

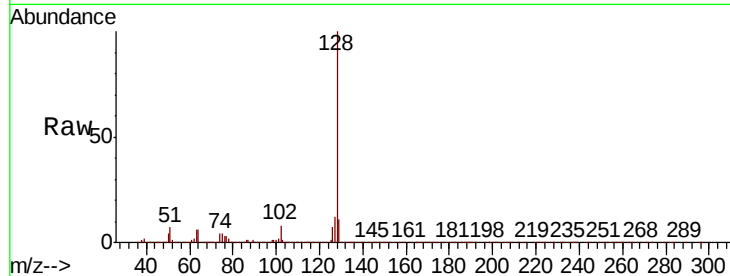
129 10.8 8.7 13.1

Manual Integrations

APPROVED

apatel

12/27/2019 12:03:35 PM

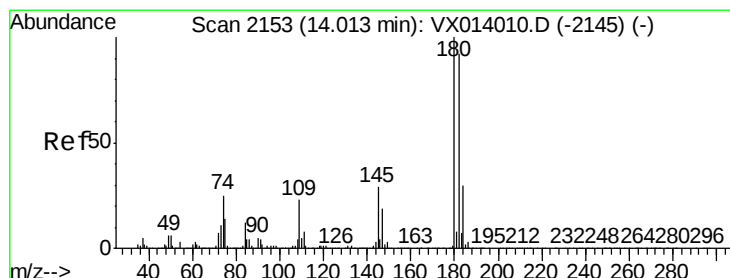
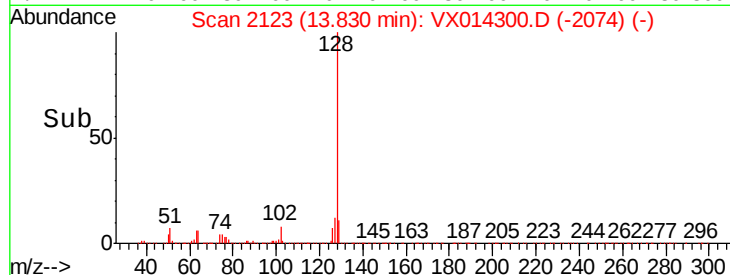
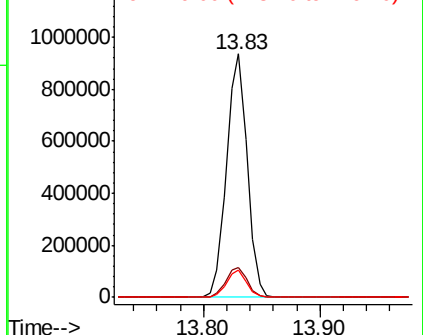


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.080 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014300.D

Acq: 27 Dec 2019 04:22

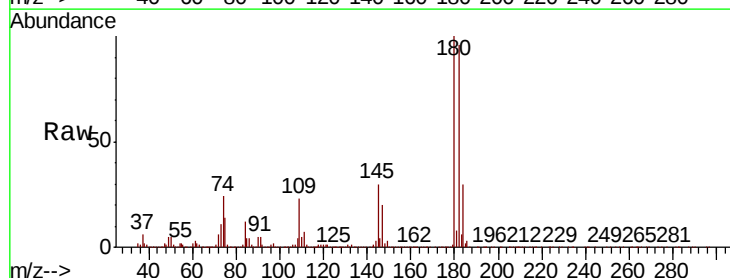
Tgt Ion:180 Resp: 369145

Ion Ratio Lower Upper

180 100

182 95.0 46.8 140.3

145 29.6 14.8 44.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

