

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014232.D
 Acq On : 24 Dec 2019 09:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:17 AM

Quant Time: Dec 25 05:53:28 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	538017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	799944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	721140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	277420	45.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.00%	
35) Dibromofluoromethane	5.48	113	233691	48.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	901106	47.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.13	95	321897	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	218574	45.411	ug/l	98
3) Chloromethane	1.32	50	288933	44.730	ug/l	100
4) Vinyl Chloride	1.40	62	314969	46.211	ug/l	99
5) Bromomethane	1.63	94	197578	40.842	ug/l	99
6) Chloroethane	1.72	64	202320	48.095	ug/l	96
7) Trichlorofluoromethane	1.92	101	411909	48.819	ug/l	100
8) Diethyl Ether	2.18	74	186997	47.223	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	253752	49.892	ug/l	99
10) Methyl Iodide	2.50	142	308433	46.195	ug/l	99
11) Tert butyl alcohol	3.03	59	261209	198.251	ug/l	99
12) 1,1-Dichloroethene	2.37	96	249682	48.244	ug/l	97
13) Acrolein	2.28	56	200207	265.450	ug/l	99
14) Allyl chloride	2.72	41	451854	48.899	ug/l	99
15) Acrylonitrile	3.13	53	717807	233.411	ug/l	100
16) Acetone	2.43	43	855627	216.138	ug/l	100
17) Carbon Disulfide	2.56	76	643618	44.874	ug/l	100
18) Methyl Acetate	2.76	43	363750	46.371	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	840210	49.405	ug/l	97
20) Methylene Chloride	2.85	84	289346	46.415	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	268679	47.123	ug/l	97
22) Diisopropyl ether	3.84	45	931509	50.587	ug/l	95
23) Vinyl Acetate	3.80	43	3855874	256.599	ug/l	100
24) 1,1-Dichloroethane	3.69	63	496965	48.509	ug/l	99
25) 2-Butanone	4.65	43	1130972	231.727	ug/l	99
26) 2,2-Dichloropropane	4.57	77	398373	50.083	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	313411	48.604	ug/l	99
28) Bromochloromethane	5.00	49	206498	52.389	ug/l	100
29) Tetrahydrofuran	5.11	42	631288	231.254	ug/l	100
30) Chloroform	5.19	83	480612	49.487	ug/l	99
31) Cyclohexane	5.57	56	448148	49.184	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	408230	49.320	ug/l	99
36) 1,1-Dichloropropene	5.79	75	369030	50.277	ug/l	100
37) Ethyl Acetate	4.81	43	391846	48.344	ug/l	99
38) Carbon Tetrachloride	5.78	117	345407	51.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	462479	51.029	ug/l	98
40) Benzene	6.13	78	1131829	50.116	ug/l	99
41) Methacrylonitrile	5.02	41	222938	49.572	ug/l	98
42) 1,2-Dichloroethane	6.18	62	382596	49.977	ug/l	99
43) Isopropyl Acetate	6.43	43	663961	49.498	ug/l	99
44) Trichloroethene	7.20	130	309152	49.560	ug/l	99
45) 1,2-Dichloropropane	7.50	63	298522	51.571	ug/l	96
46) Dibromomethane	7.65	93	188328	49.209	ug/l	99
47) Bromodichloromethane	7.89	83	378043	52.450	ug/l	100
48) Methyl methacrylate	7.76	41	324887	49.462	ug/l	100
49) 1,4-Dioxane	7.73	88	113834	851.606	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2025209	240.403	ug/l	99
52) Toluene	8.78	92	712371	49.904	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	416802	52.738	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	474369	53.876	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288971	50.509	ug/l	97
56) Ethyl methacrylate	9.17	69	456119	50.753	ug/l	100
57) 1,3-Dichloropropane	9.36	76	486497	50.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	889280	261.476	ug/l	100
59) 2-Hexanone	9.48	43	1633033	240.807	ug/l	99
60) Dibromochloromethane	9.57	129	301830	53.075	ug/l	98
61) 1,2-Dibromoethane	9.67	107	296106	50.585	ug/l	100
64) Tetrachloroethene	9.33	164	325995	51.087	ug/l	96
65) Chlorobenzene	10.13	112	773248	50.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	282187	51.543	ug/l	100
67) Ethyl Benzene	10.24	91	1370211	51.978	ug/l	100
68) m/p-Xylenes	10.35	106	1038568	102.434	ug/l	99
69) o-Xylene	10.69	106	501730	50.456	ug/l	99
70) Styrene	10.71	104	868432	51.647	ug/l	99
71) Bromoform	10.85	173	228665	51.959	ug/l #	100
73) Isopropylbenzene	11.01	105	1343255	52.294	ug/l	100
74) N-amyl acetate	10.89	43	583308	48.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	430598	48.353	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	352974m	44.565	ug/l	
77) Bromobenzene	11.25	156	343403	48.590	ug/l	100
78) n-propylbenzene	11.35	91	1555769	53.997	ug/l	100
79) 2-Chlorotoluene	11.42	91	894742	51.087	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1128209	52.188	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144690	51.562	ug/l	99
82) 4-Chlorotoluene	11.51	91	1042921	51.335	ug/l	99
83) tert-Butylbenzene	11.76	119	1099381	52.257	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1133384	52.352	ug/l	99
85) sec-Butylbenzene	11.94	105	1317333	53.042	ug/l	100
86) p-Isopropyltoluene	12.06	119	1221673	53.775	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	618856	49.963	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	619591	49.196	ug/l	99
89) n-Butylbenzene	12.38	91	1075223	55.468	ug/l	100
90) Hexachloroethane	12.59	117	212847	52.161	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	618701	49.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	86939	44.116	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	424939	52.435	ug/l	98
94) Hexachlorobutadiene	13.77	225	205721	52.819	ug/l	98
95) Naphthalene	13.83	128	1225726	51.478	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	417828	52.228	ug/l	97

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

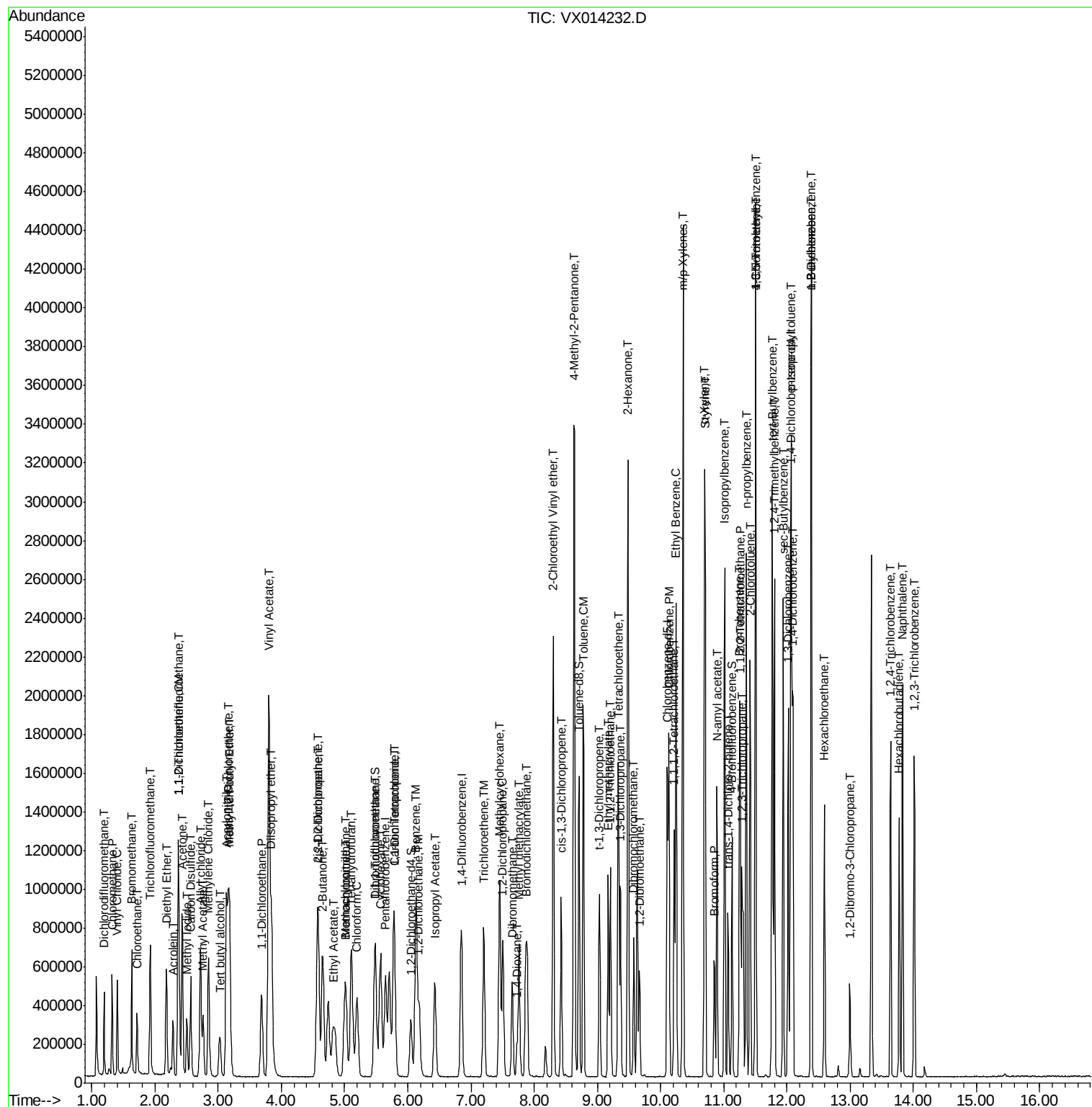
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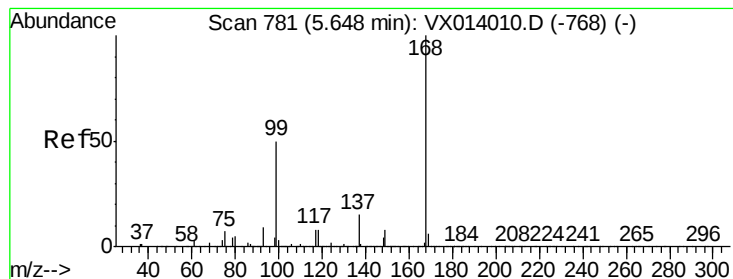
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 538017

Ion Ratio Lower Upper

168 100

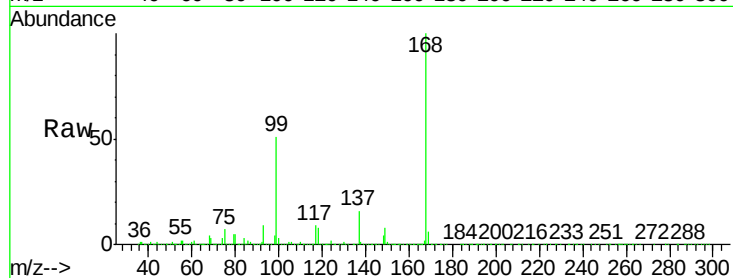
99 51.0 40.3 60.5

Manual Integrations

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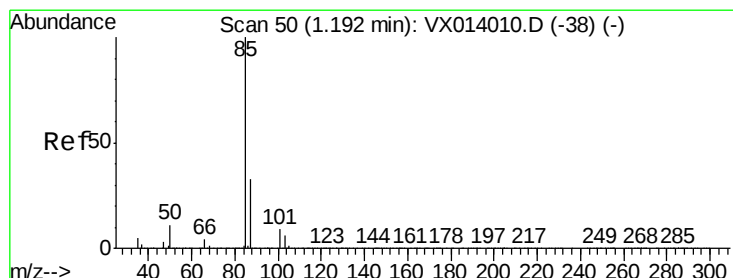
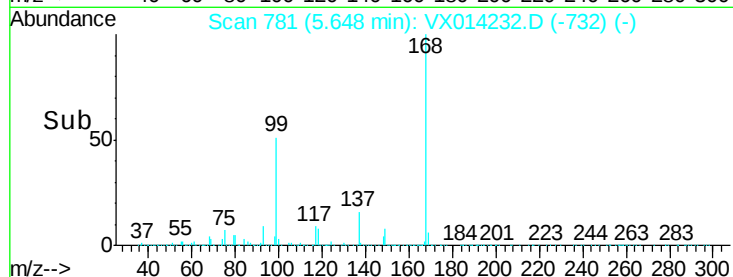
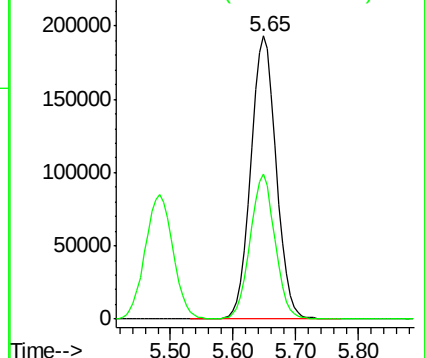
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.411 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014232.D

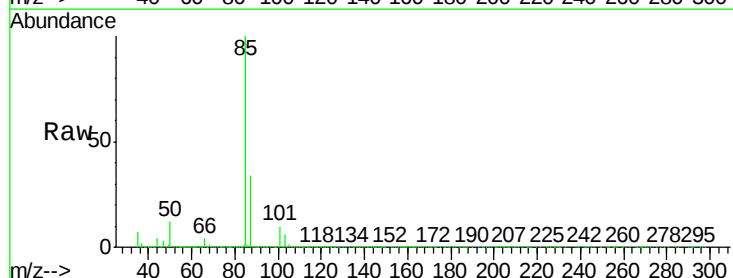
Acq: 24 Dec 2019 09:28

Tgt Ion: 85 Resp: 218574

Ion Ratio Lower Upper

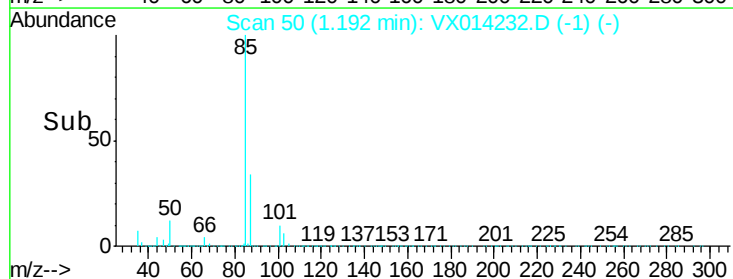
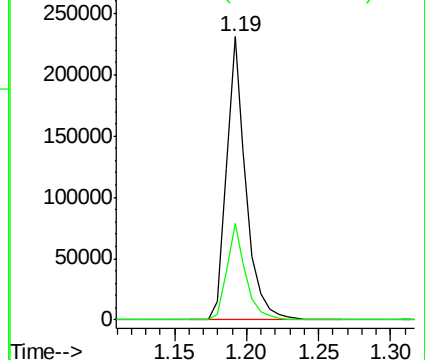
85 100

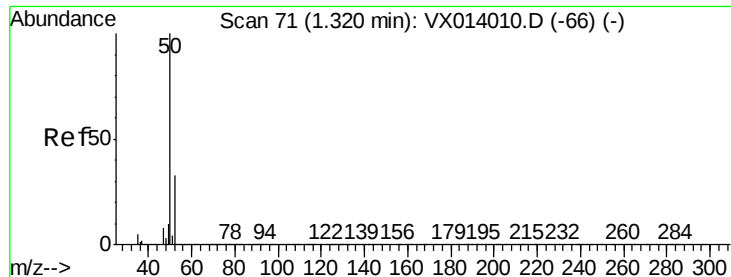
87 34.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.730 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 288933

Ion Ratio Lower Upper

50 100

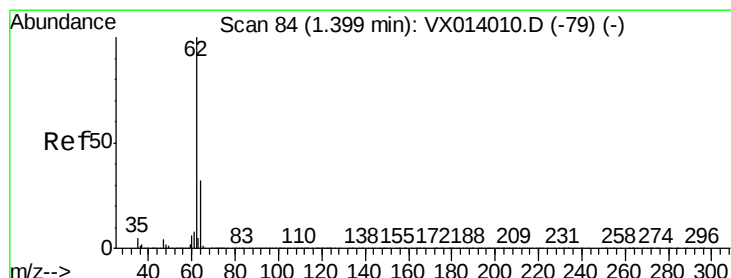
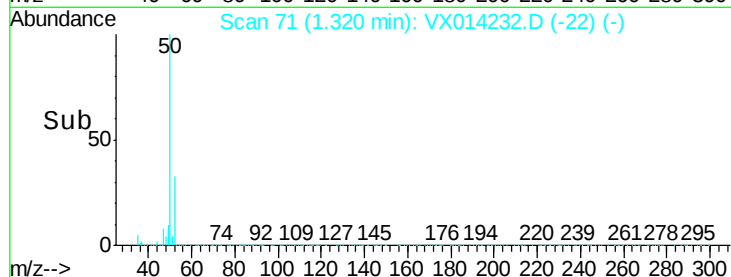
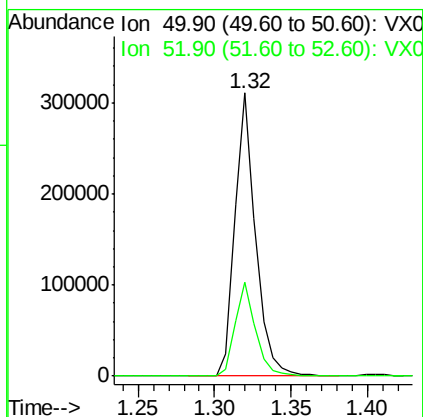
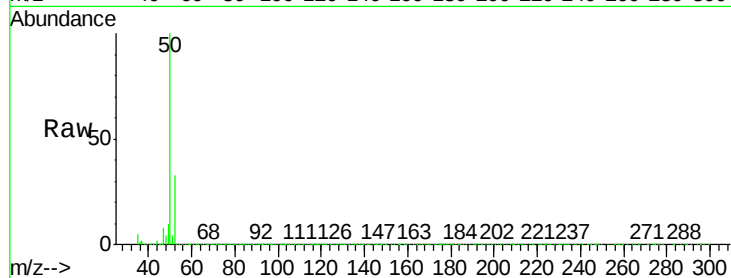
52 33.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.211 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014232.D

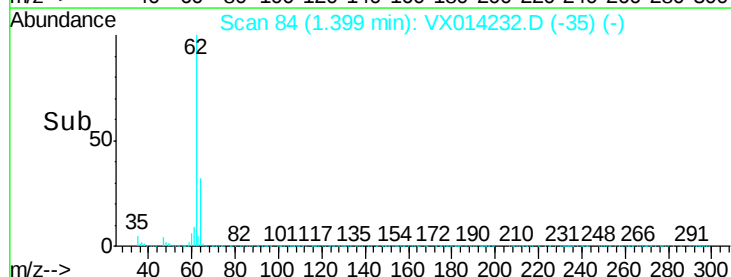
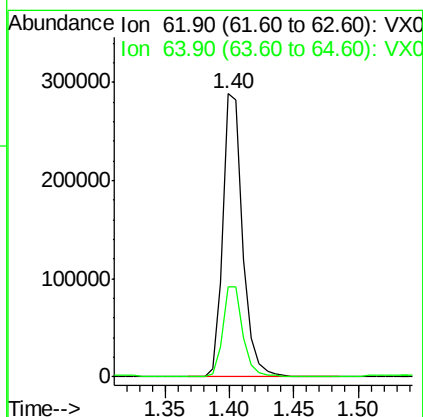
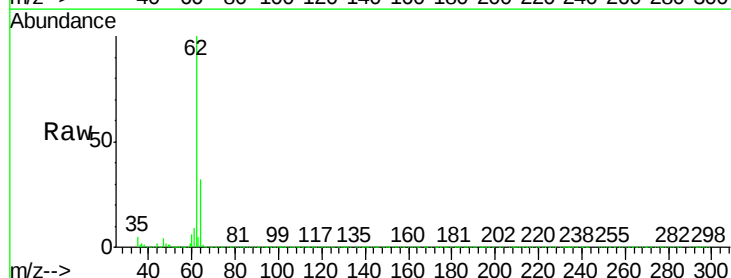
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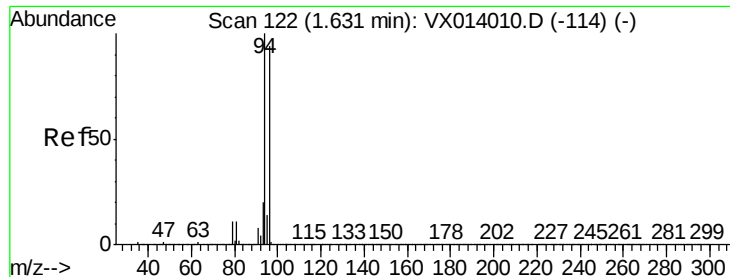
Tgt Ion: 62 Resp: 314969

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 40.842 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

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Tot Ion: 94 Resp: 197578

Ion Ratio Lower Upper

94 100

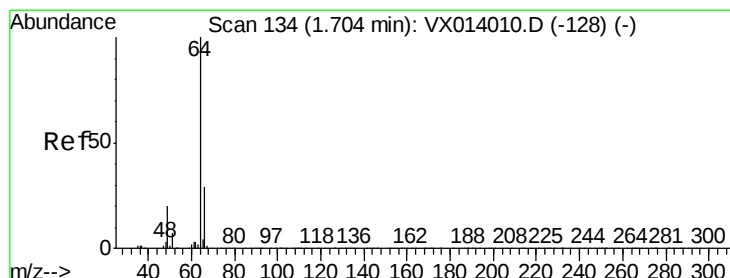
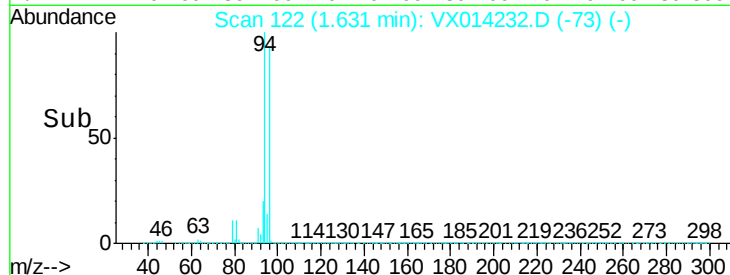
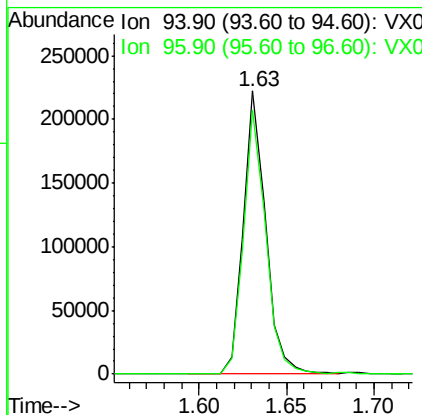
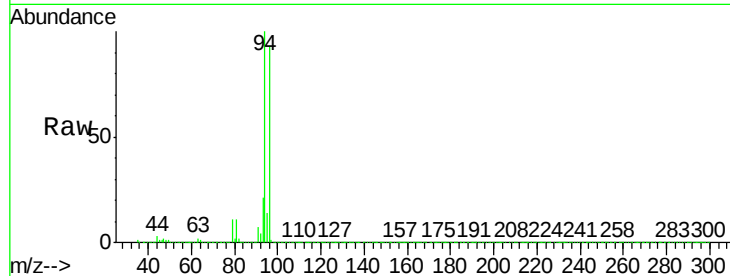
96 93.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 48.095 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014232.D

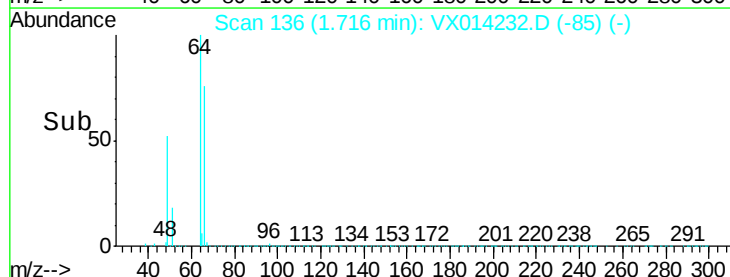
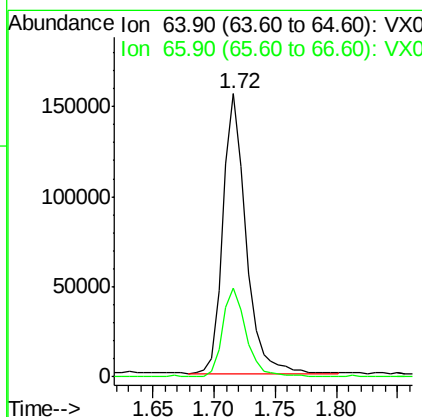
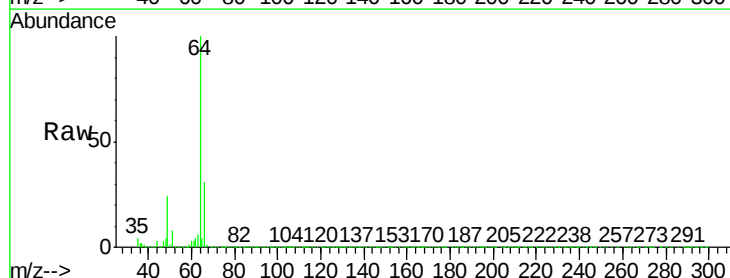
Acq: 24 Dec 2019 09:28

Tgt Ion: 64 Resp: 202320

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2





#7

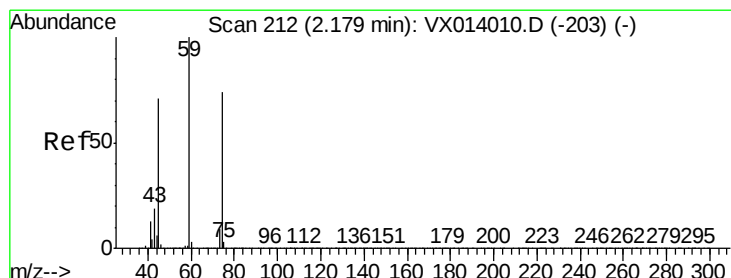
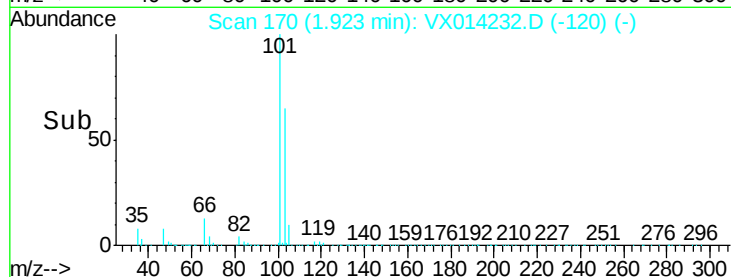
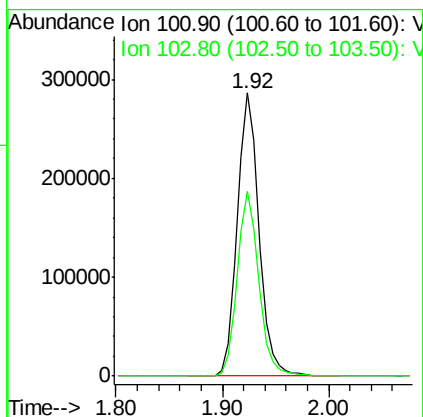
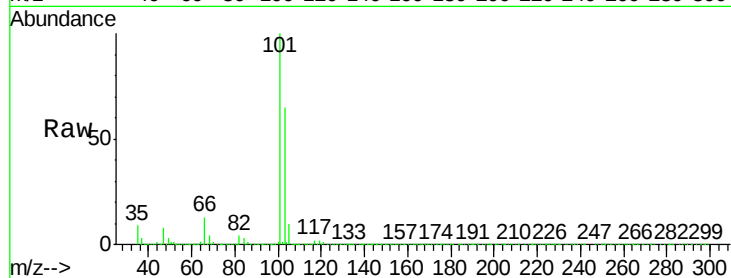
Trichlorofluoromethane
Concen: 48.819 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.4

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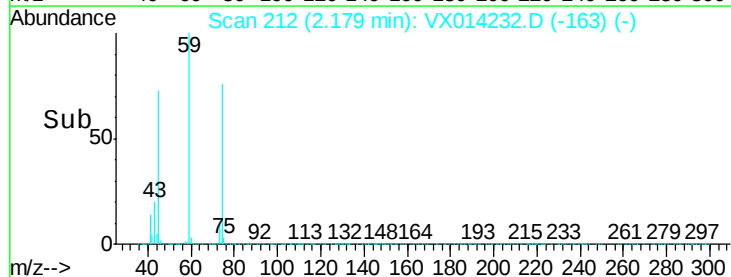
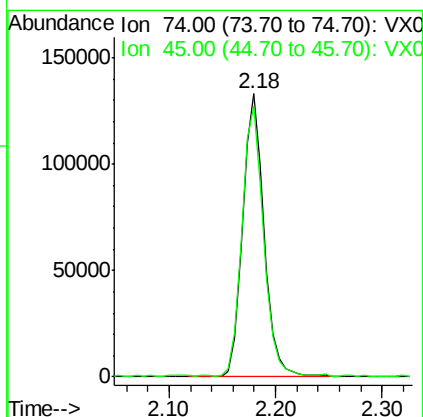
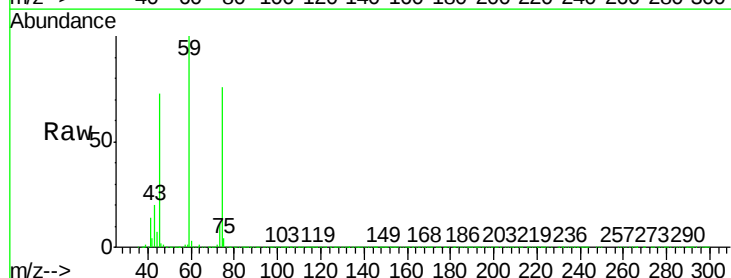
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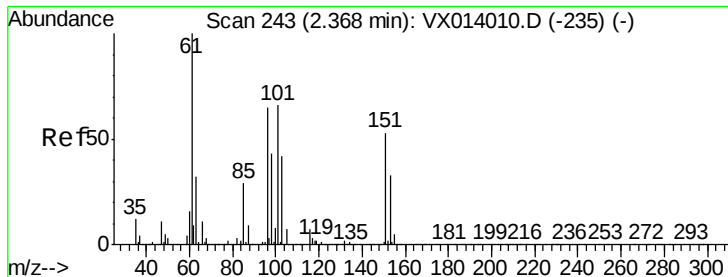


#8

Diethyl Ether
Concen: 47.223 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.892 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

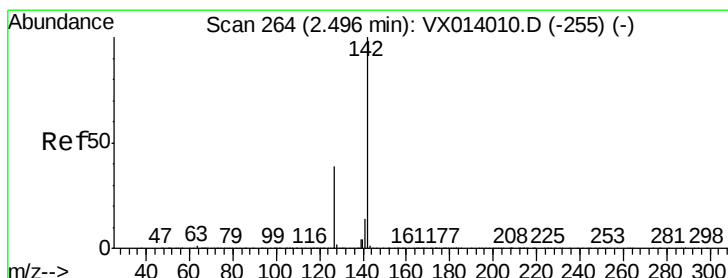
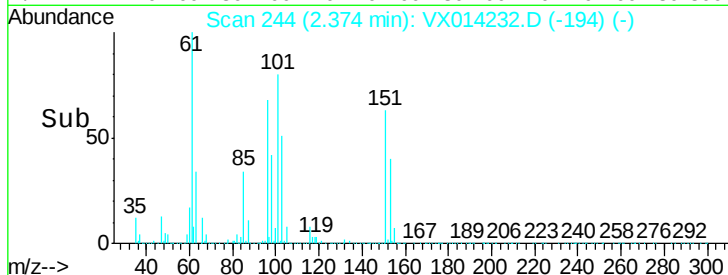
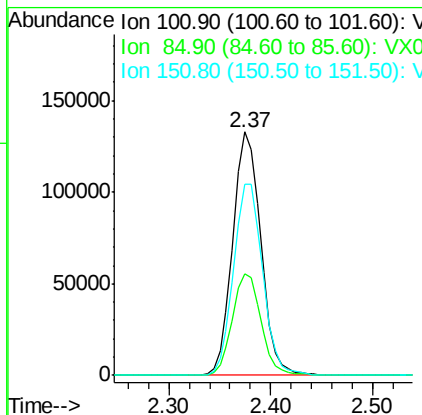
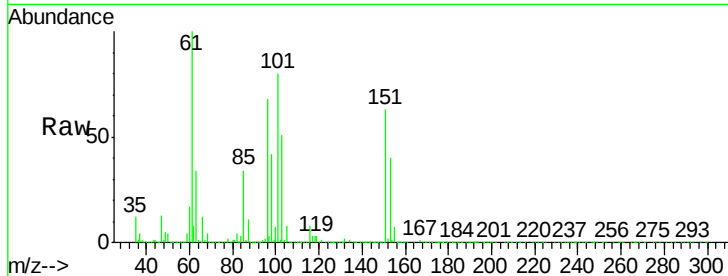
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	253752
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	81.4	64.5	96.7

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#10

Methyl Iodide

Concen: 46.195 ug/l

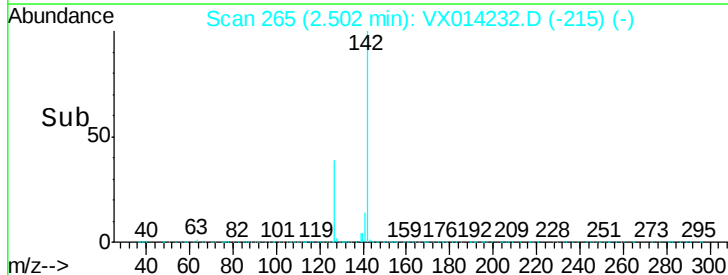
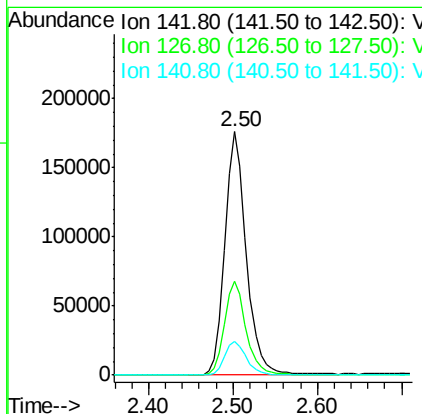
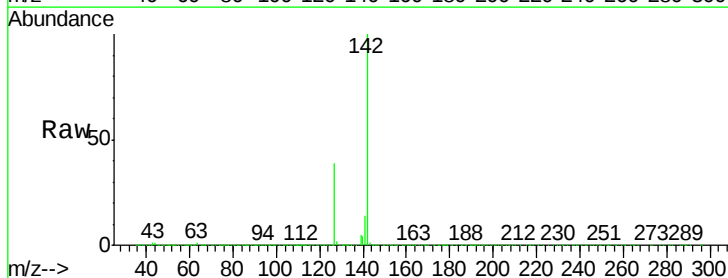
RT: 2.50 min Scan# 265

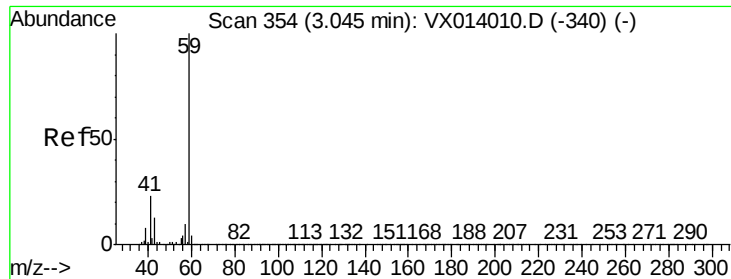
Delta R.T. 0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	142	Resp:	308433
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.6	47.4
141	14.2	11.6	17.4





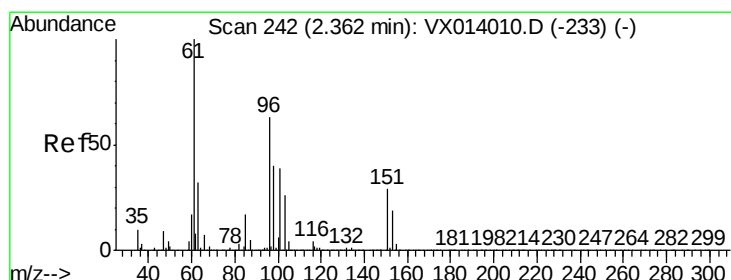
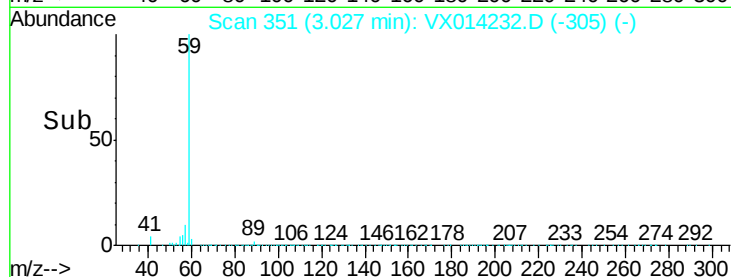
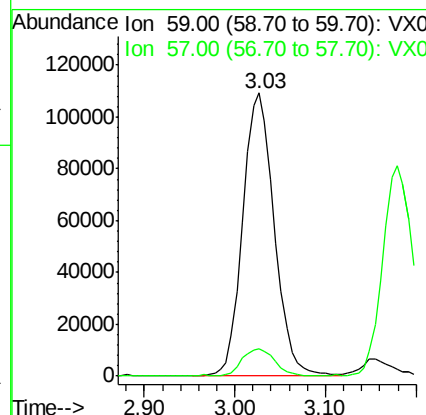
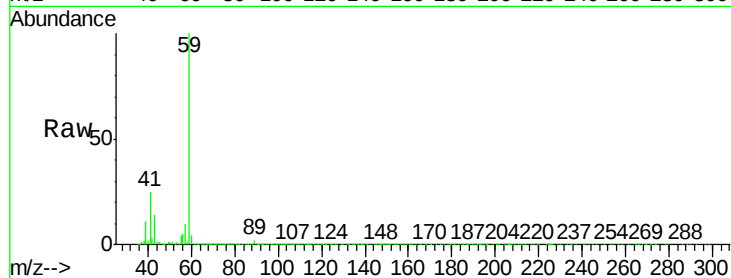
#11
Tert butyl alcohol
Concen: 198.251 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

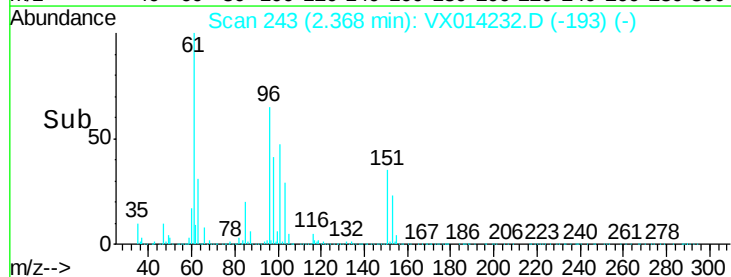
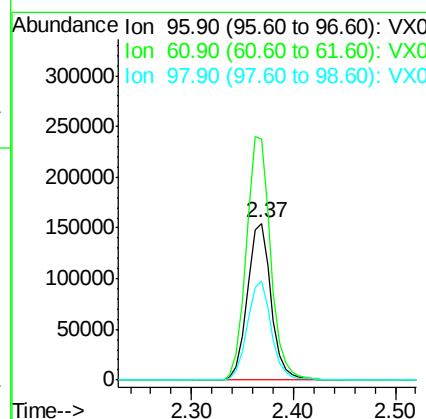
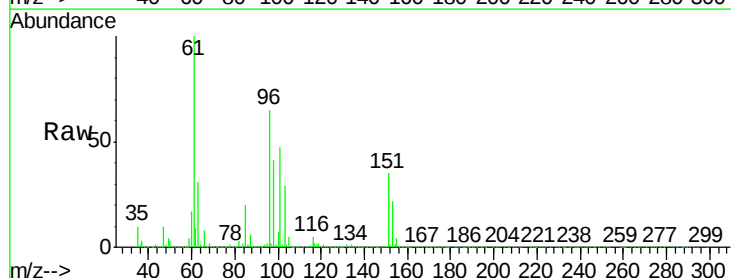
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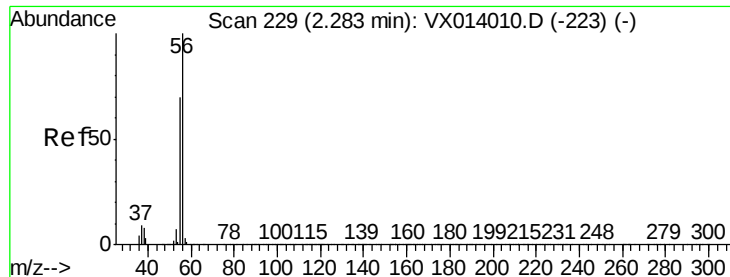
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#12
1,1-Dichloroethene
Concen: 48.244 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	127.9	191.9
98	63.4	50.5	75.7





#13

Acrolein

Concen: 265.450 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 200207

Ion Ratio Lower Upper

56 100

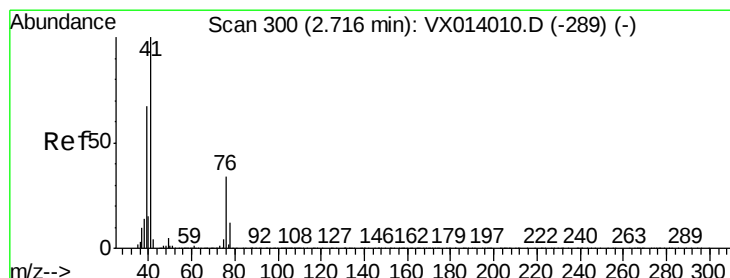
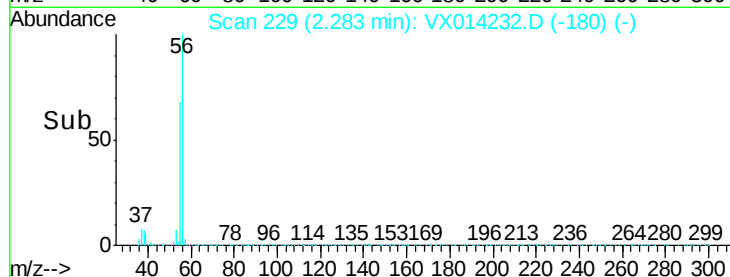
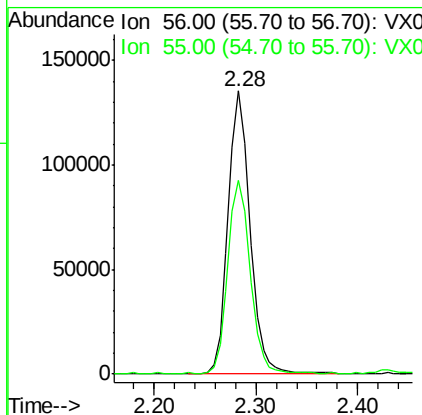
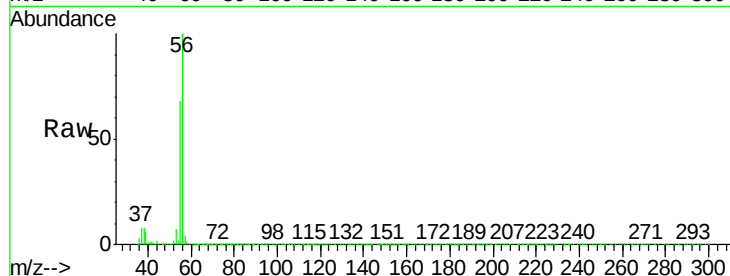
55 70.1 56.9 85.3

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#14

Allyl chloride

Concen: 48.899 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

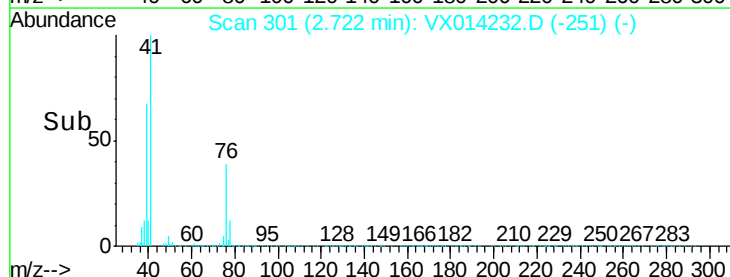
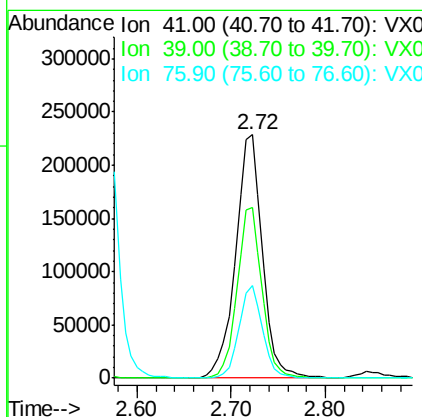
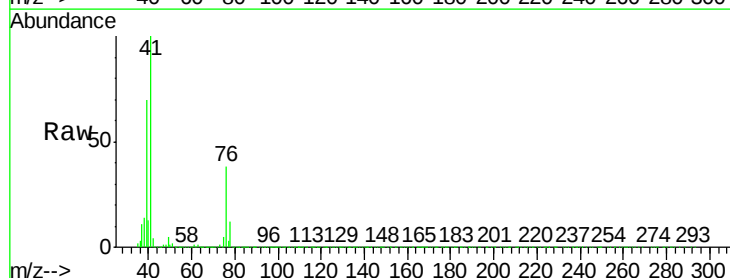
Tgt Ion: 41 Resp: 451854

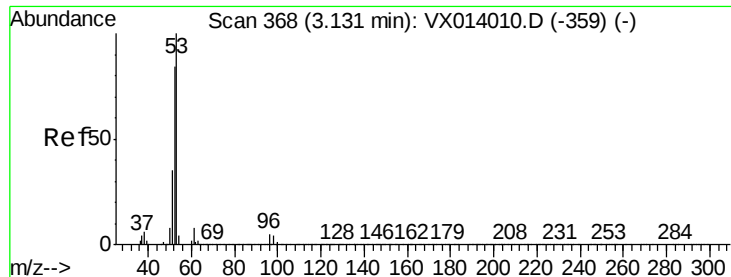
Ion Ratio Lower Upper

41 100

39 65.0 51.8 77.8

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 233.411 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

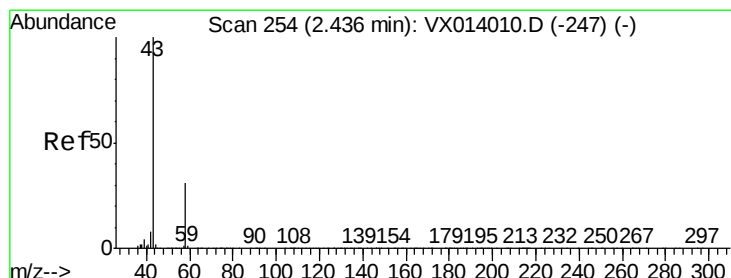
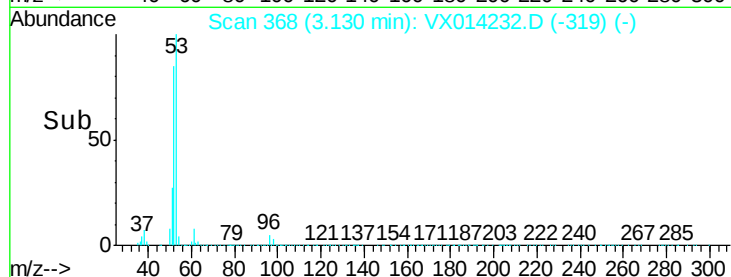
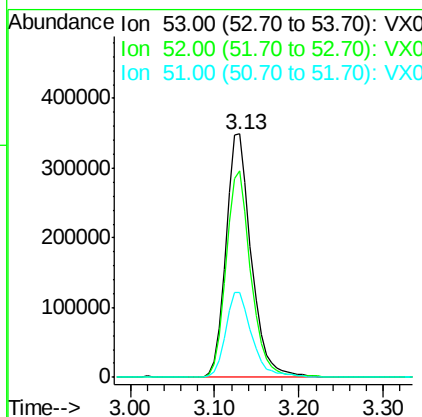
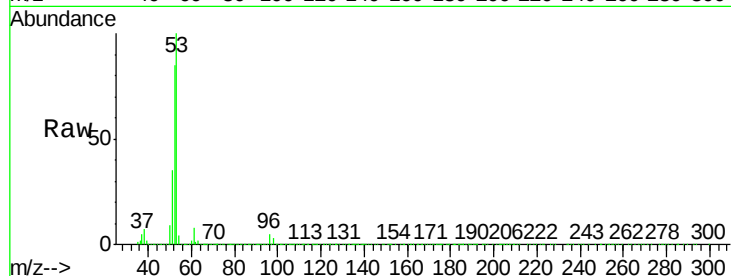
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	717807
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.8	28.1	42.1

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#16

Acetone

Concen: 216.138 ug/l

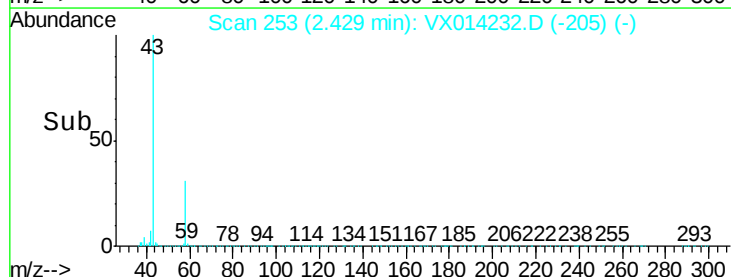
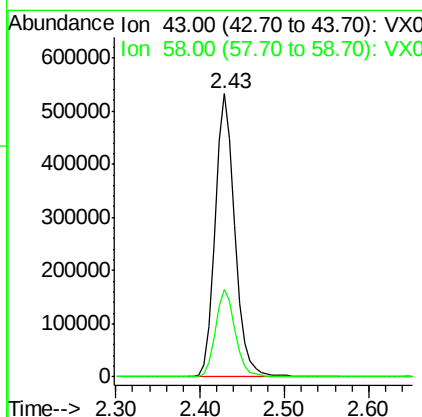
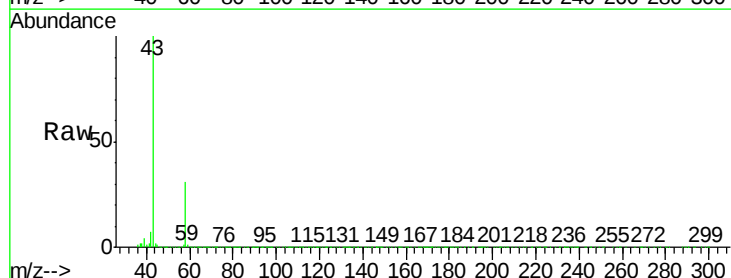
RT: 2.43 min Scan# 253

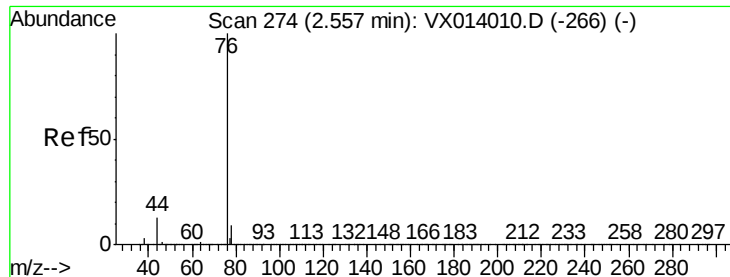
Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	43	Resp:	855627
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





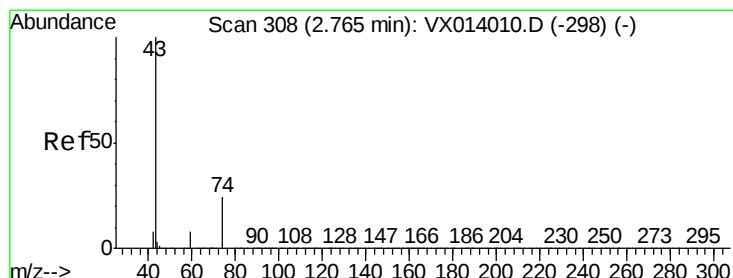
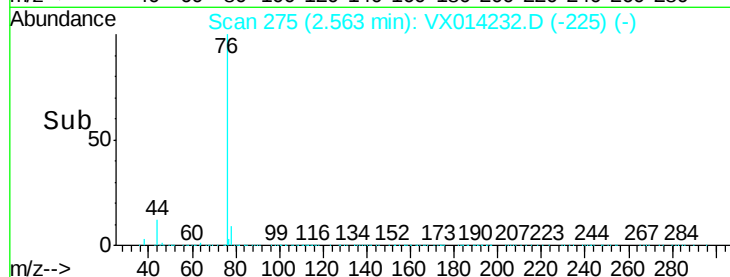
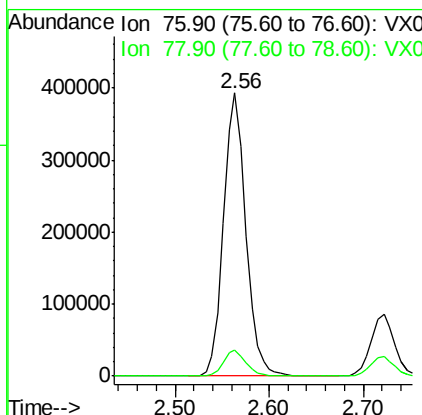
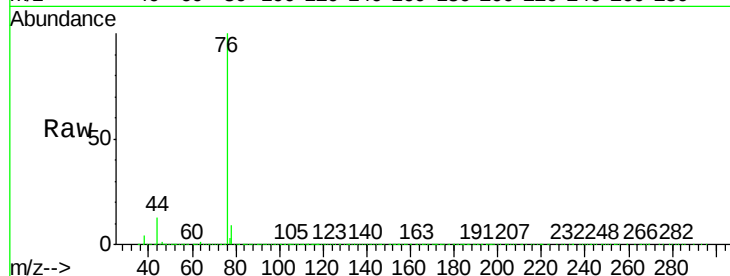
#17
Carbon Disulfide
Concen: 44.874 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

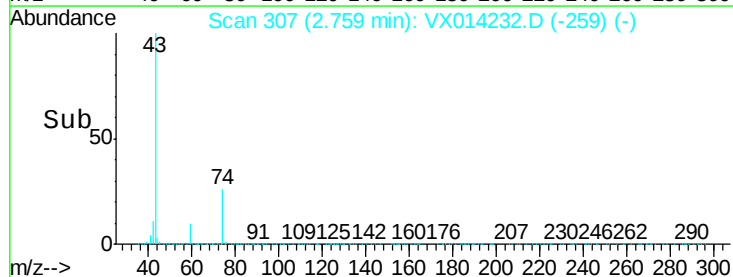
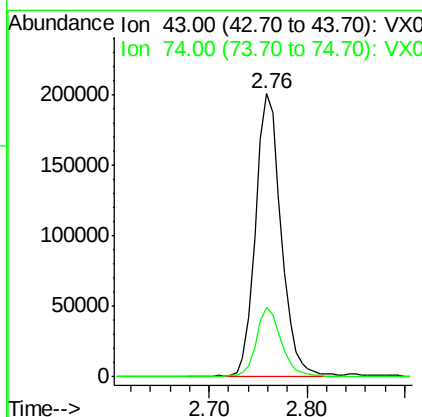
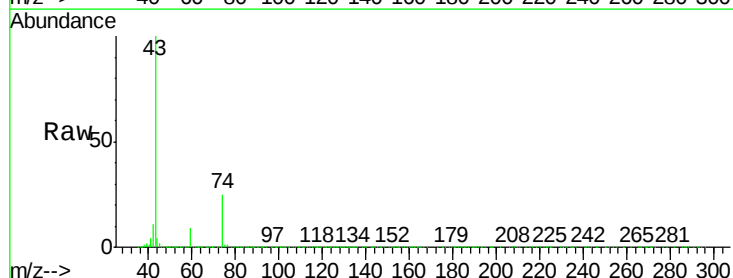
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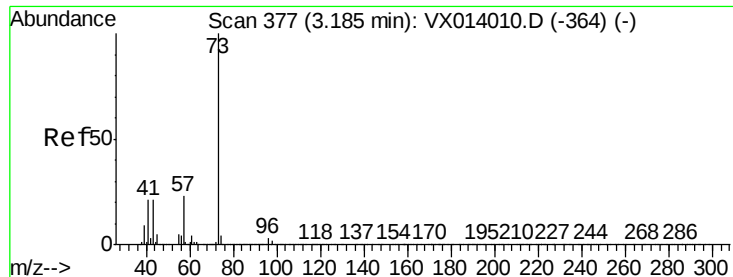
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#18
Methyl Acetate
Concen: 46.371 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.5	29.3





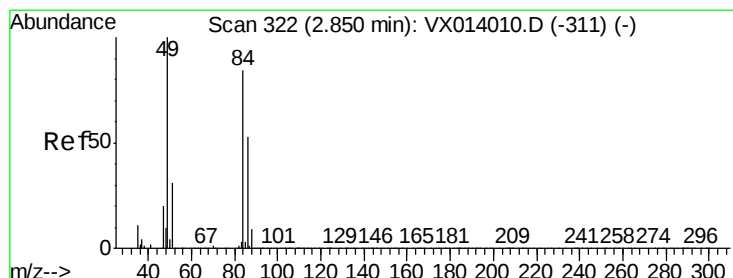
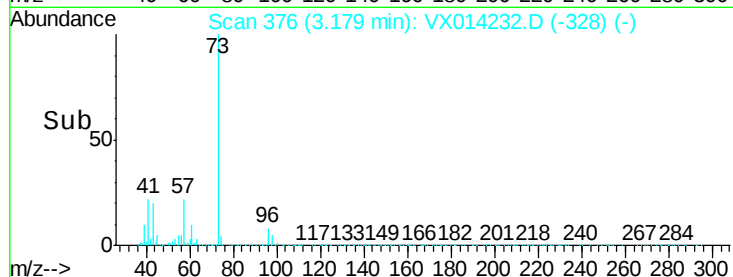
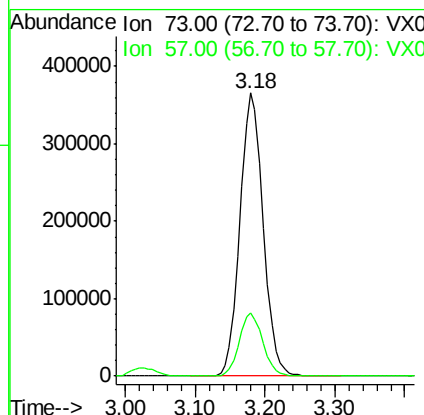
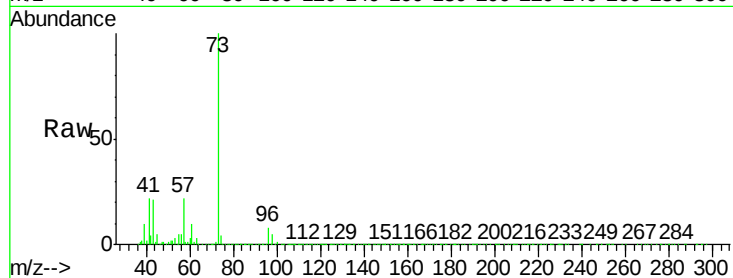
#19
Methvl tert-butvl Ether
Concen: 49.405 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

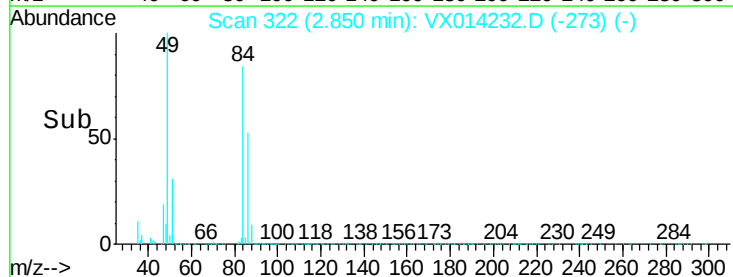
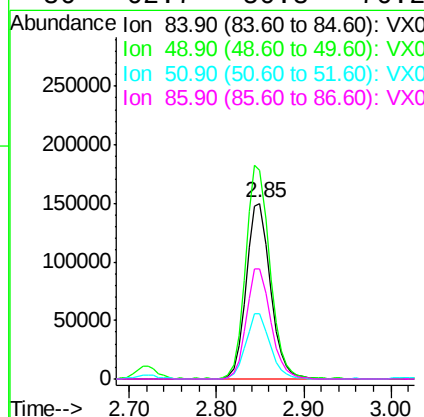
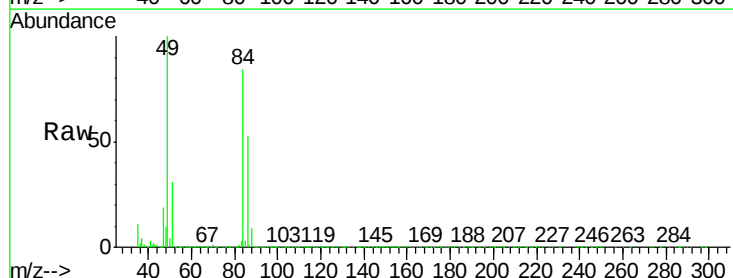
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#20
Methylene Chloride
Concen: 46.415 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.8	143.6
51	36.7	29.8	44.8
86	62.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.123 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

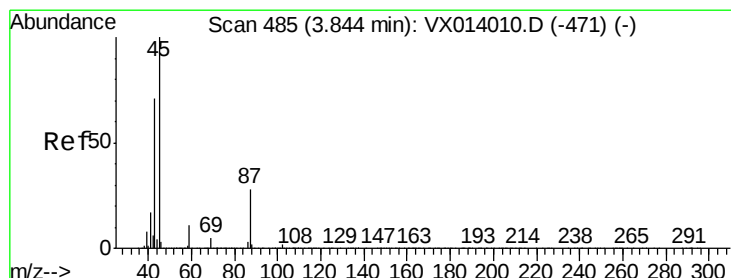
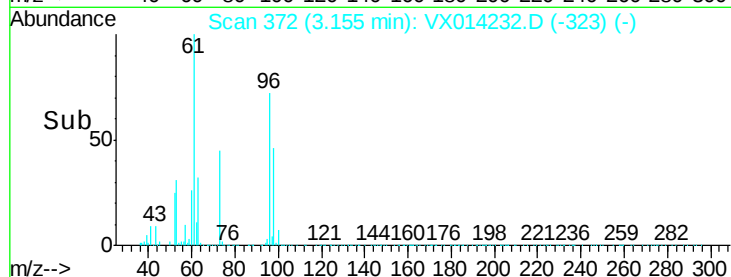
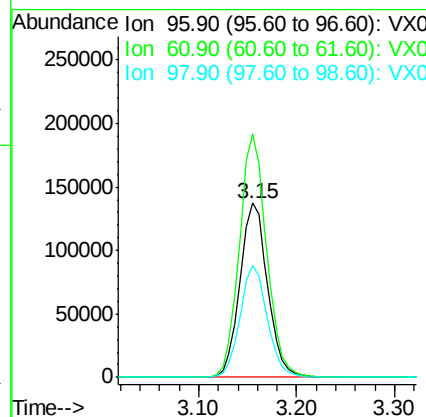
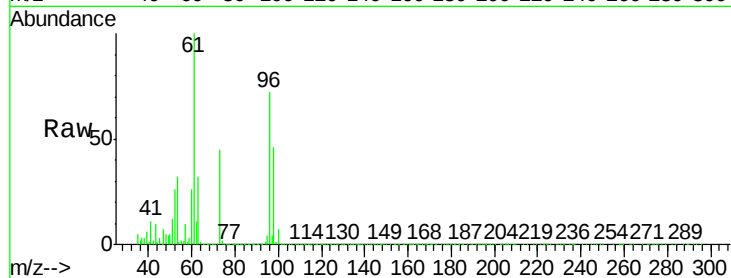
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	268679
Ion	Ratio	Lower	Upper
96	100		
61	139.8	108.3	162.5
98	64.3	50.8	76.2

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#22

Diisopropyl ether

Concen: 50.587 ug/l

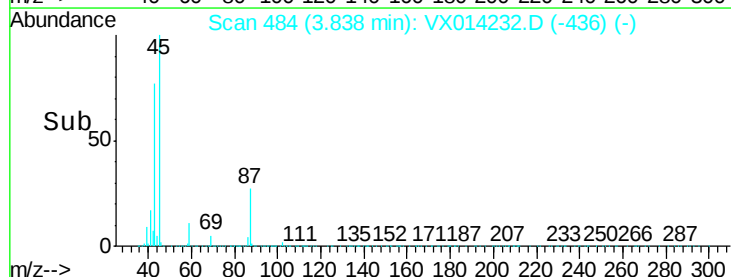
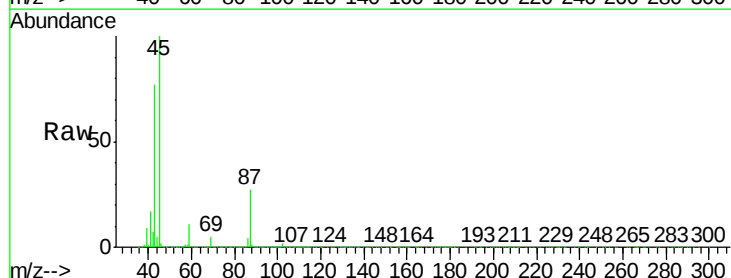
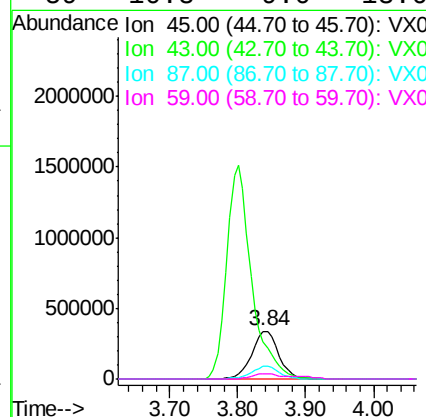
RT: 3.84 min Scan# 484

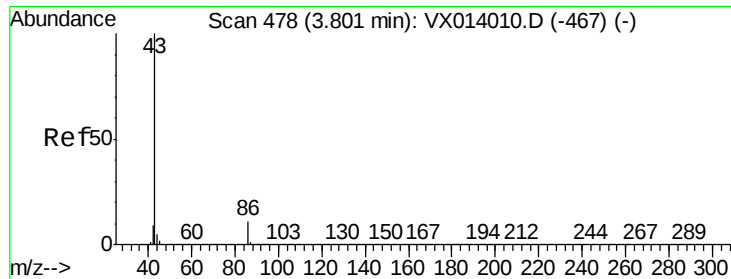
Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	45	Resp:	931509
Ion	Ratio	Lower	Upper
45	100		
43	77.3	57.4	86.0
87	26.6	21.9	32.9
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 256.599 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3855874

Ion Ratio Lower Upper

43 100

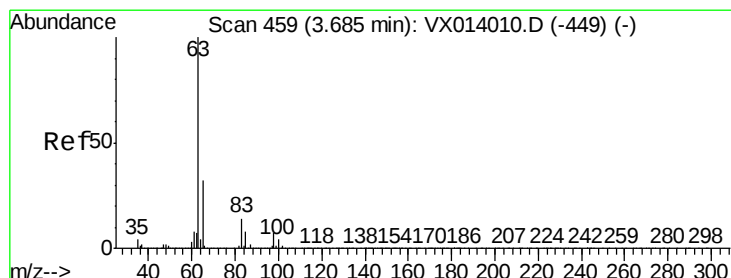
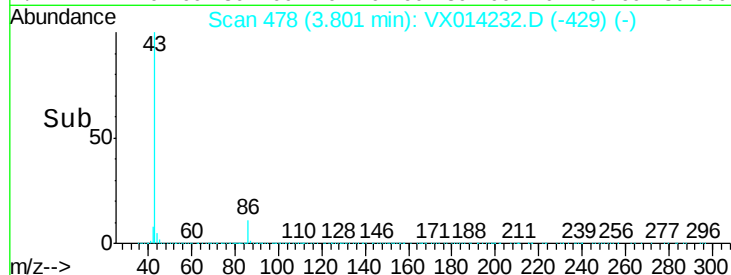
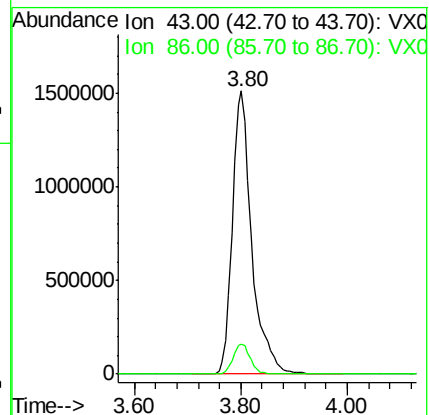
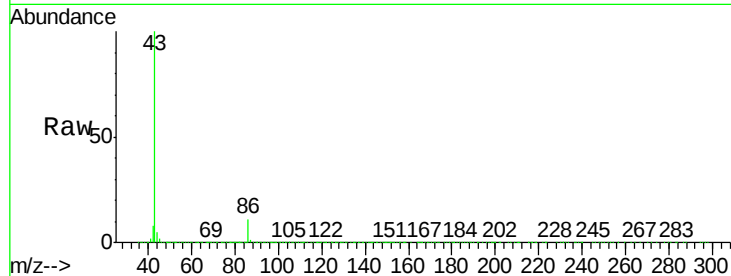
86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 48.509 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

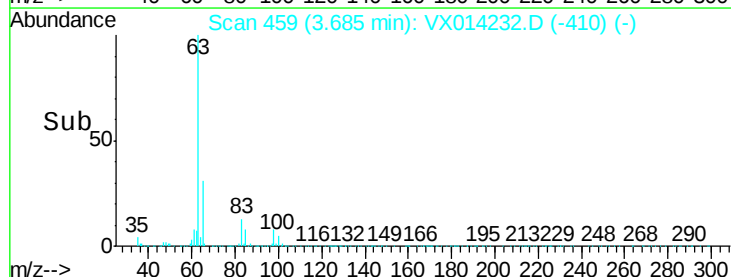
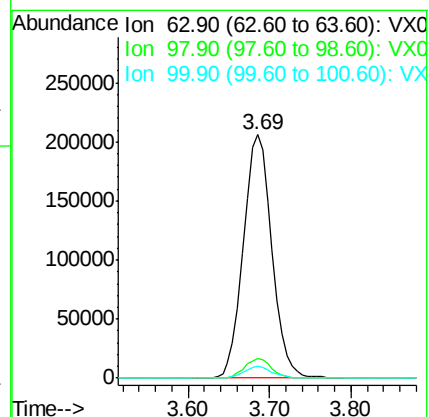
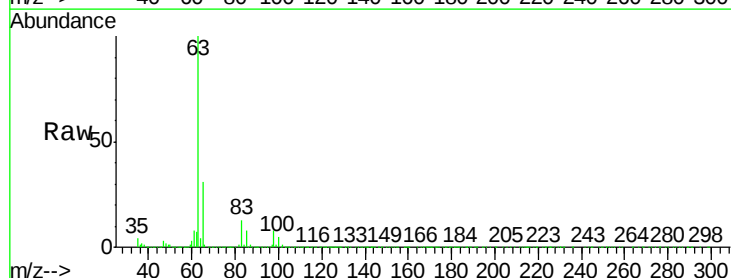
Tgt Ion: 63 Resp: 496965

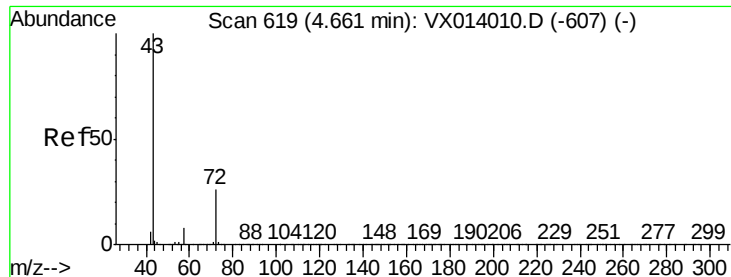
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 231.727 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tot Ion: 43 Resp: 1130972

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

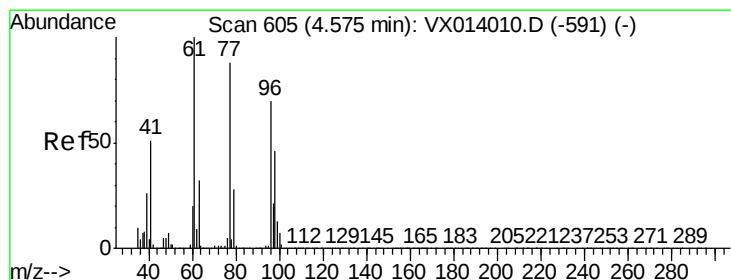
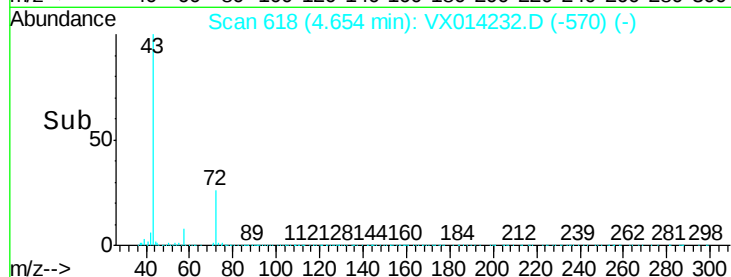
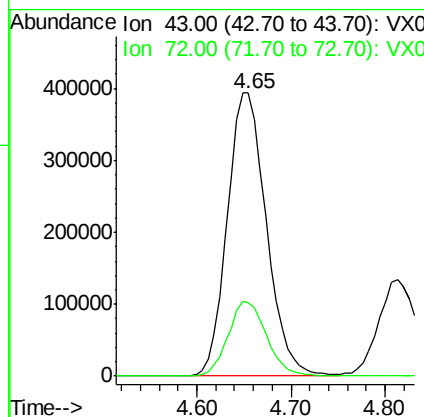
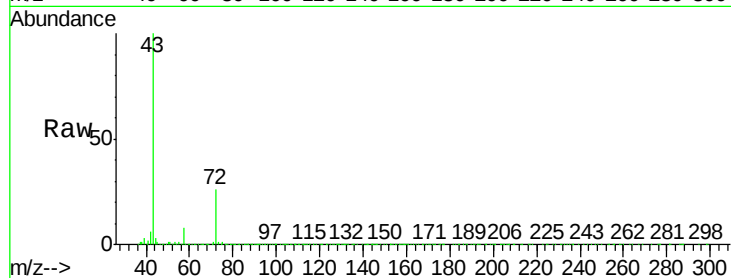
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 50.083 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014232.D

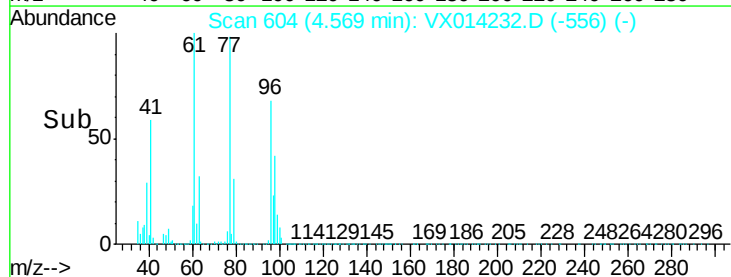
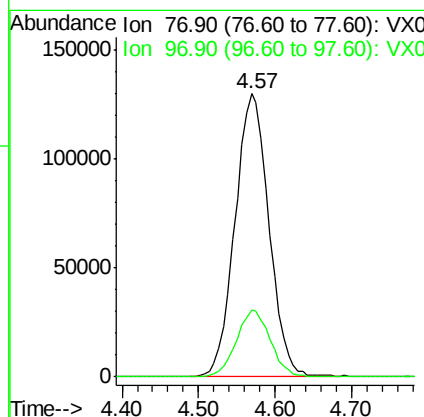
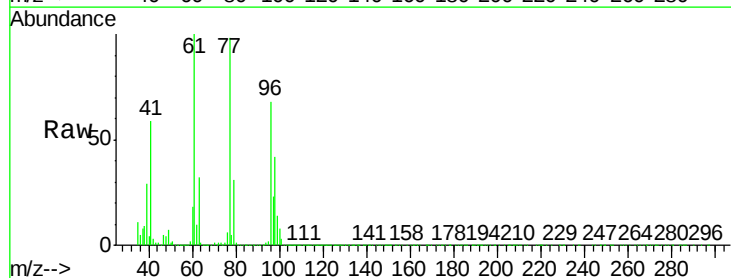
Acq: 24 Dec 2019 09:28

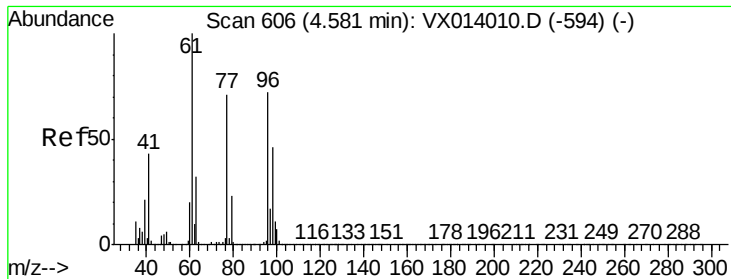
Tgt Ion: 77 Resp: 398373

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

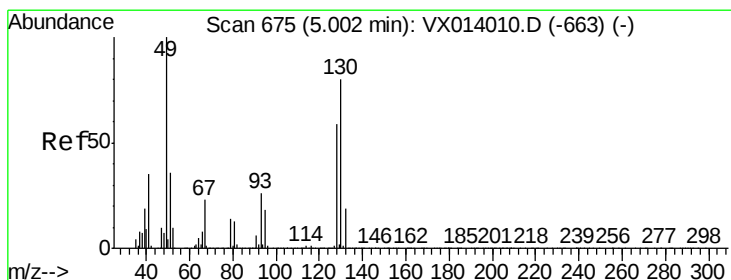
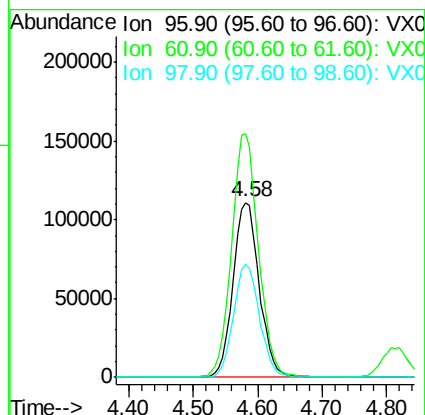
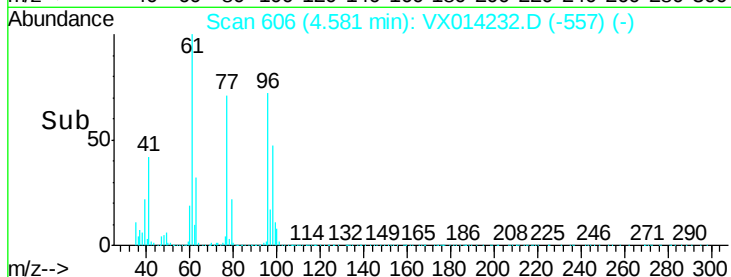
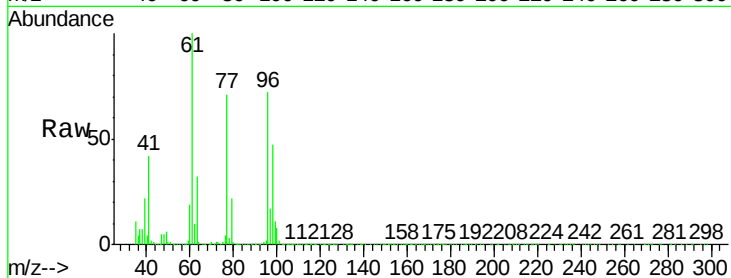
cis-1,2-Dichloroethene
Concen: 48.604 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	288.4
98	64.3	0.0	129.6

Manual Integrations
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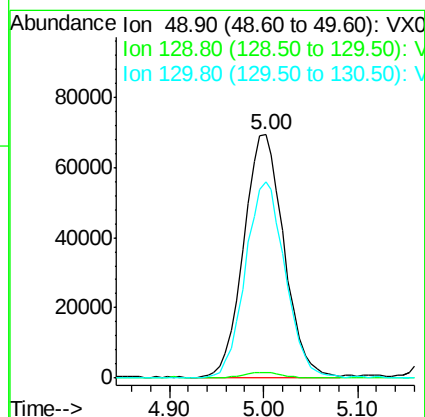
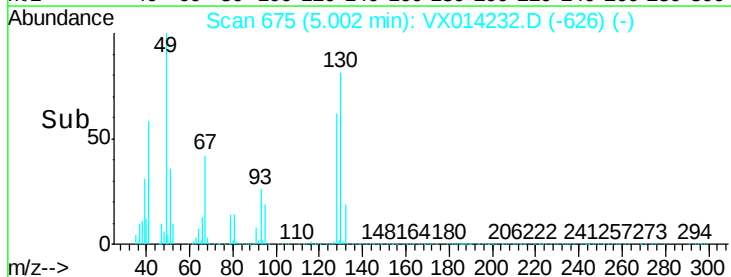
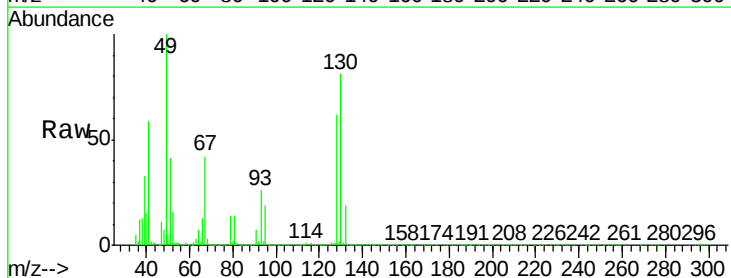
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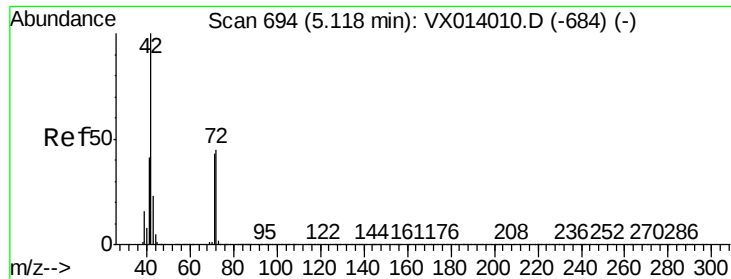


#28

Bromochloromethane
Concen: 52.389 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.4	64.6	97.0





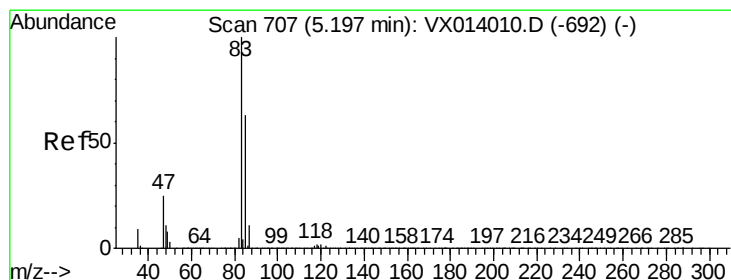
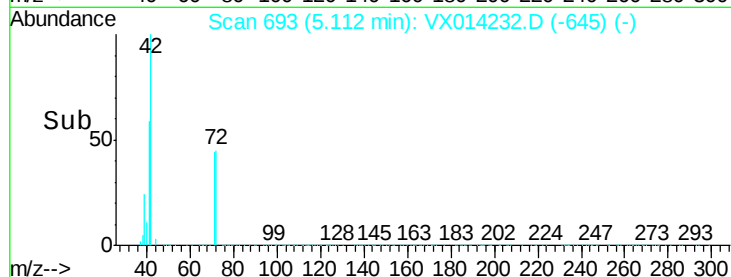
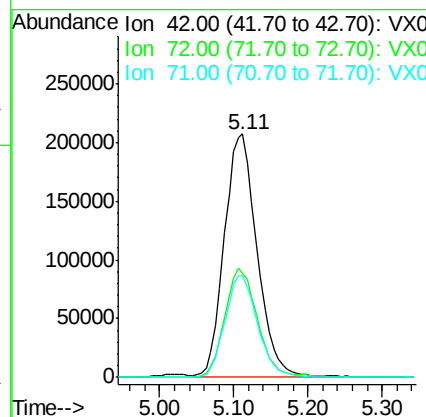
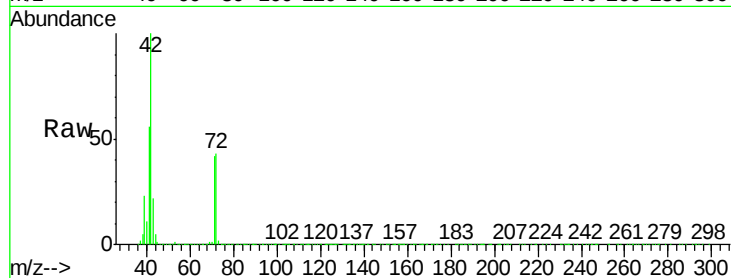
#29
Tetrahydrofuran
Concen: 231.254 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	41.9	33.6	50.4

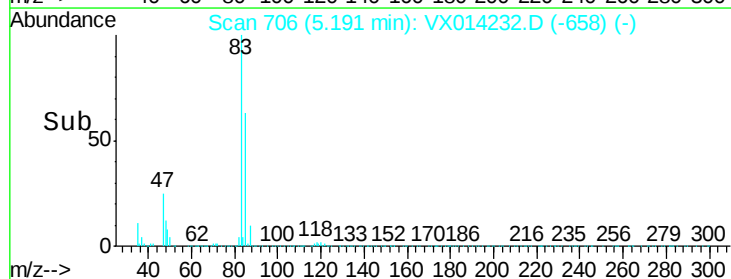
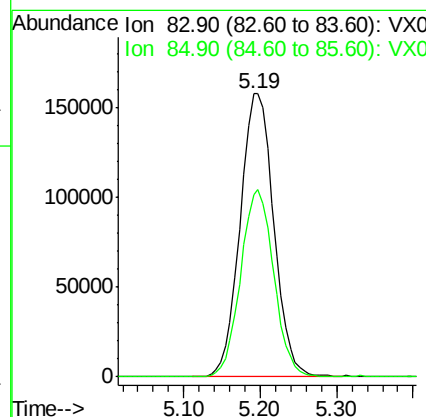
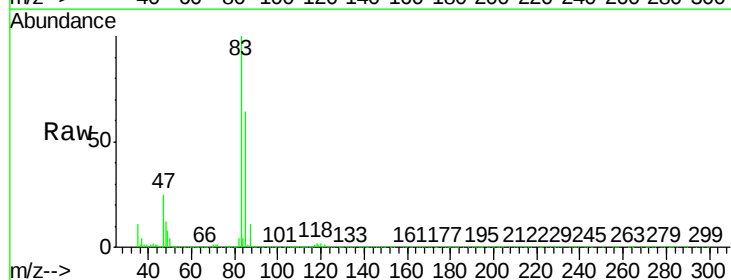
Manual Integrations
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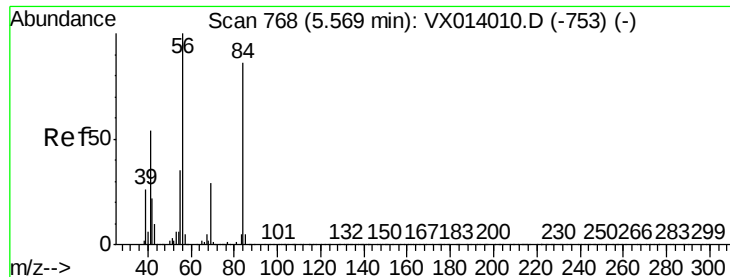
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#30
Chloroform
Concen: 49.487 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2





#31

Cyclohexane

Concen: 49.184 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

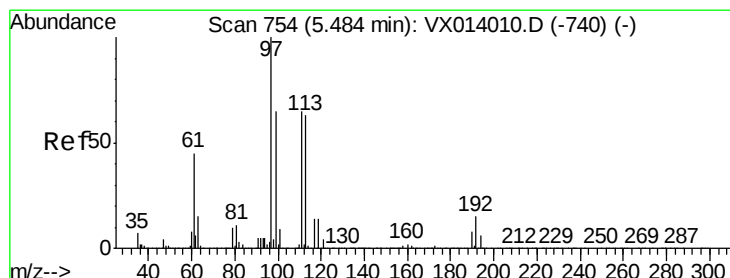
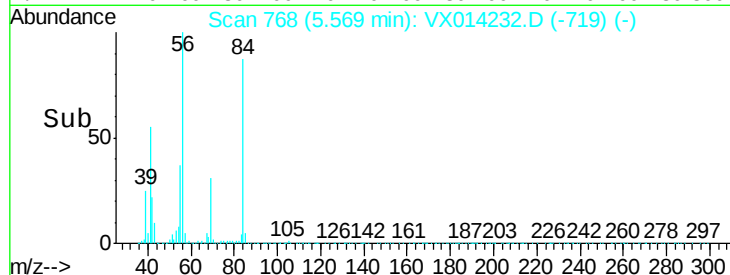
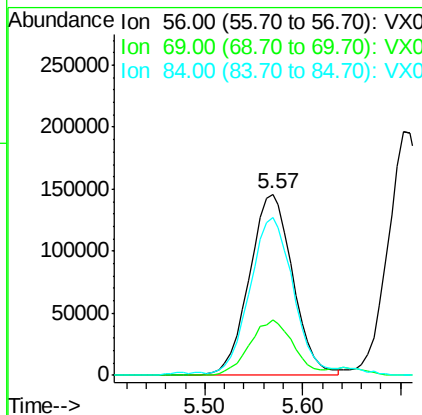
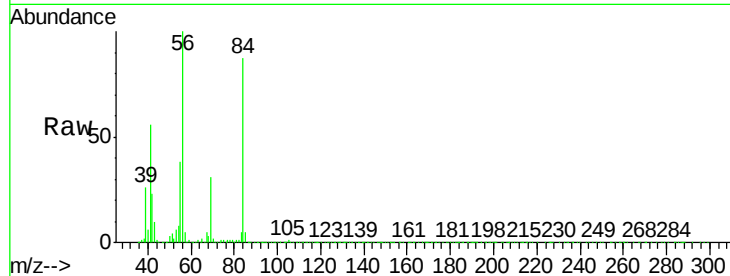
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	448148
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.2	34.8
84	85.7	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 49.320 ug/l

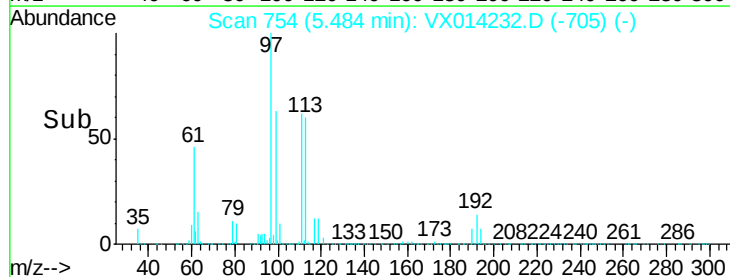
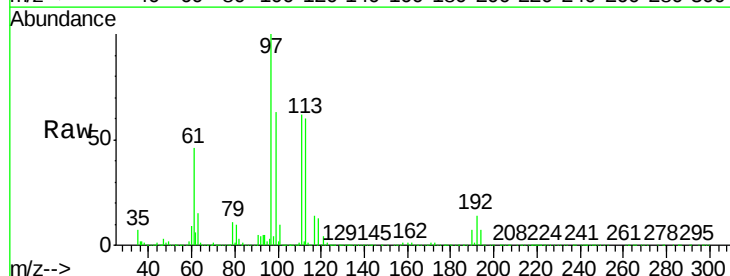
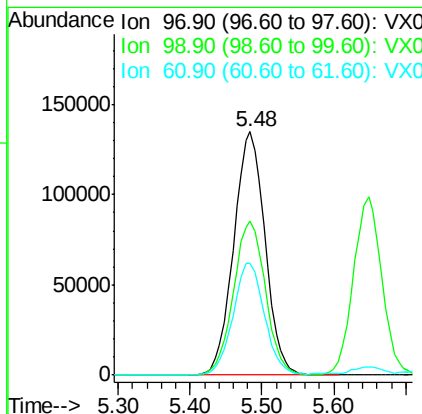
RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	97	Resp:	408230
Ion Ratio	Lower	Upper	
97	100		
99	64.4	52.0	78.0
61	46.0	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 45.496 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 277420

Ion Ratio Lower Upper

65 100

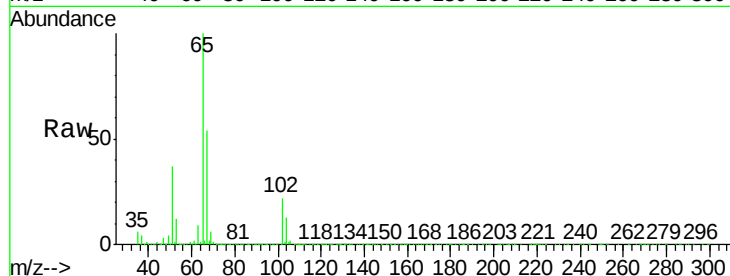
67 53.2 0.0 106.4

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

6.04

120000

100000

80000

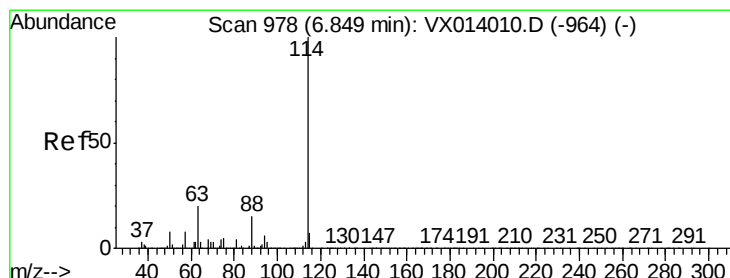
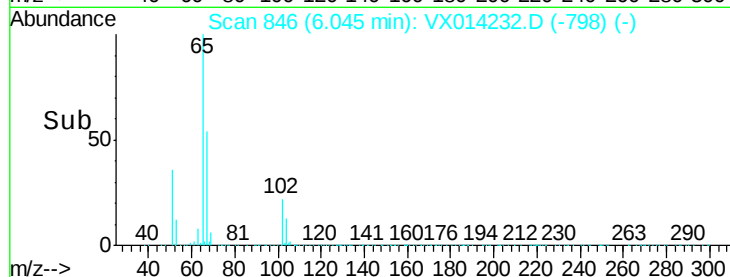
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

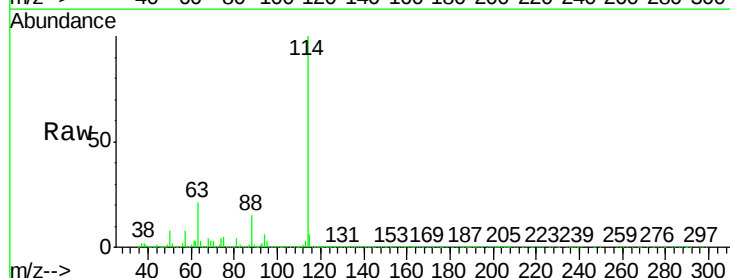
Tgt Ion: 114 Resp: 799944

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.4 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

6.85

400000

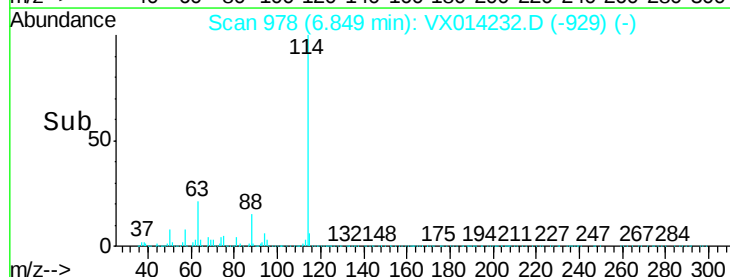
300000

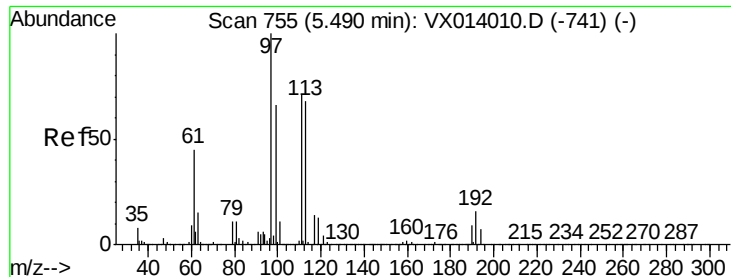
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





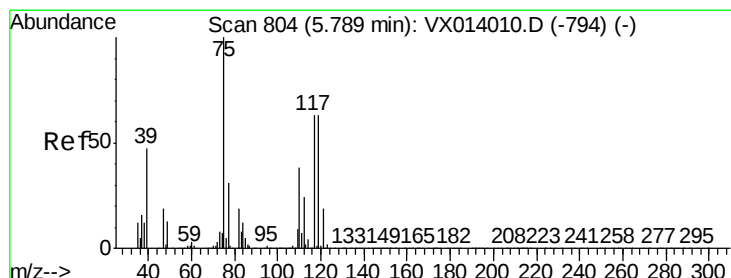
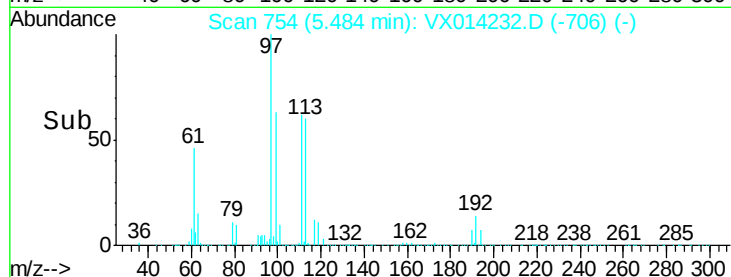
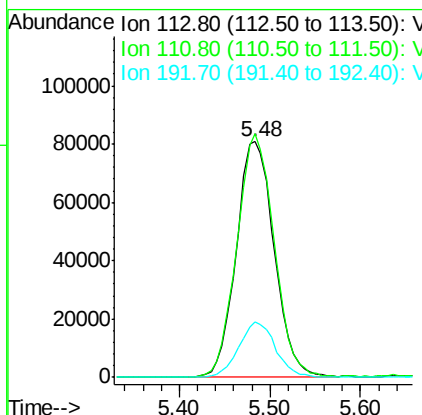
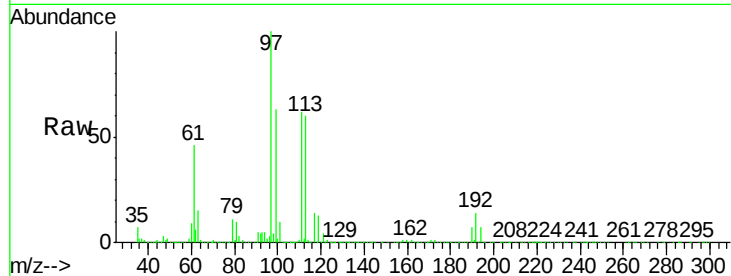
#35
 Dibromofluoromethane
 Concen: 48.057 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233691		
111	102.2	82.0	123.0	
192	22.8	19.3	28.9	

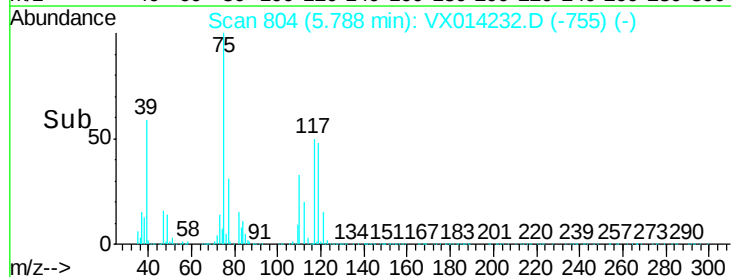
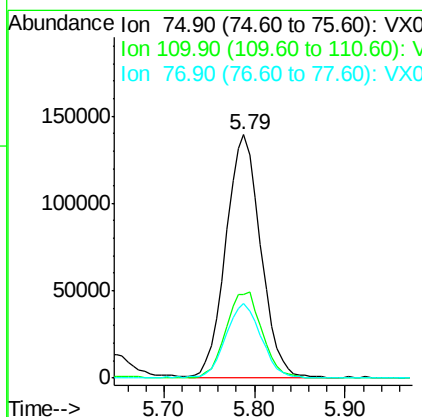
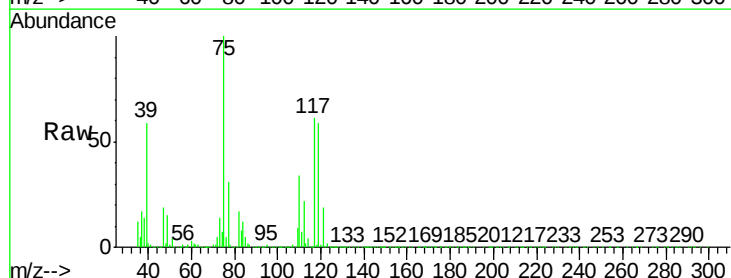
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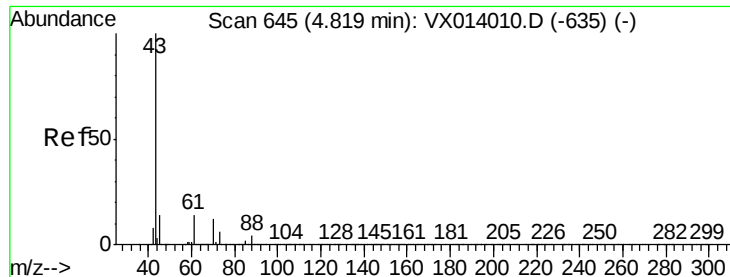
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#36
 1,1-Dichloropropene
 Concen: 50.277 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	369030		
110	36.9	18.3	54.9	
77	30.8	24.8	37.2	





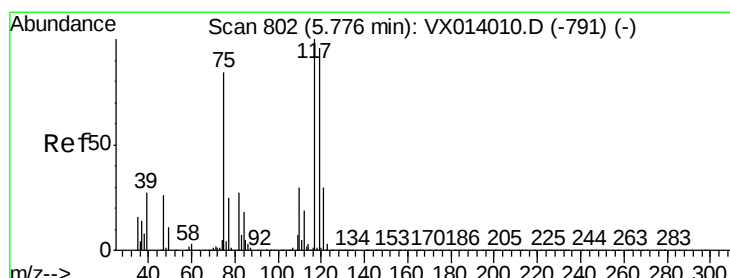
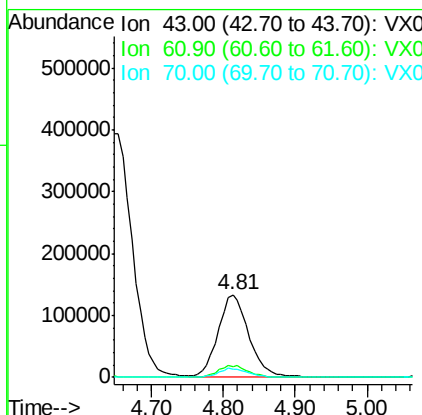
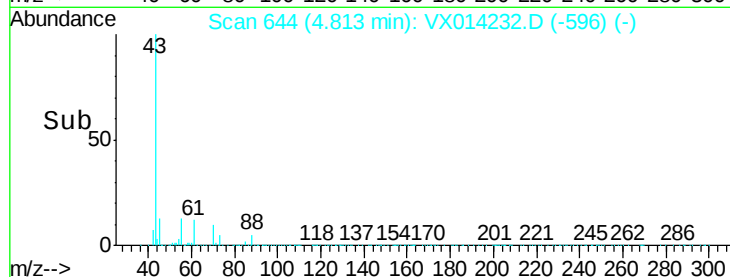
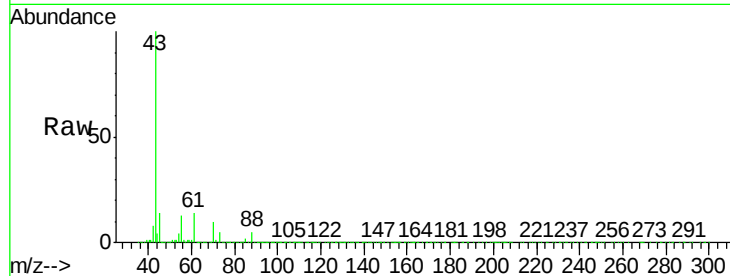
#37
Ethyl Acetate
Concen: 48.344 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	391846
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.8	16.2
70	10.4	8.6	12.8

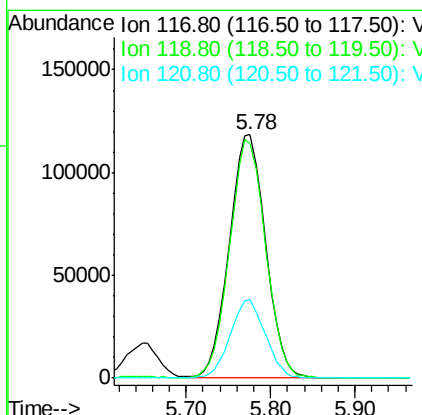
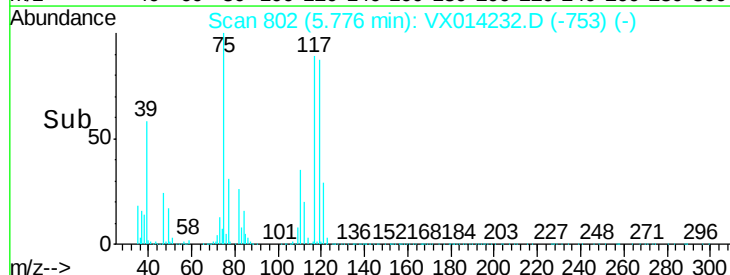
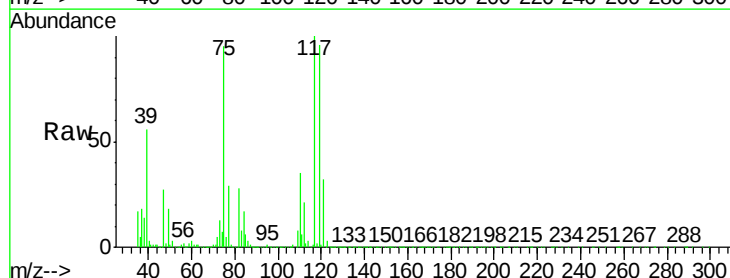
Manual Integrations
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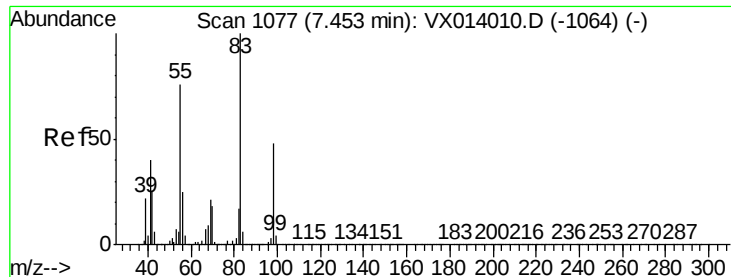
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#38
Carbon Tetrachloride
Concen: 51.657 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	117	Resp	345407
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.2	114.4
121	32.0	23.6	35.4





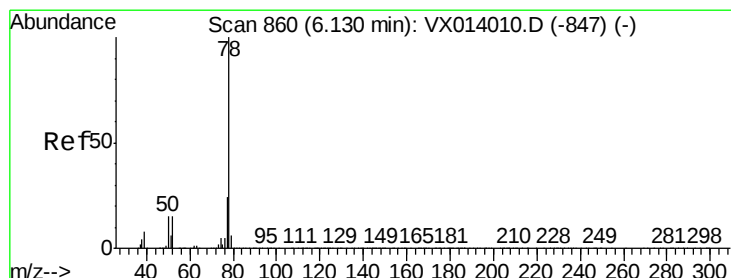
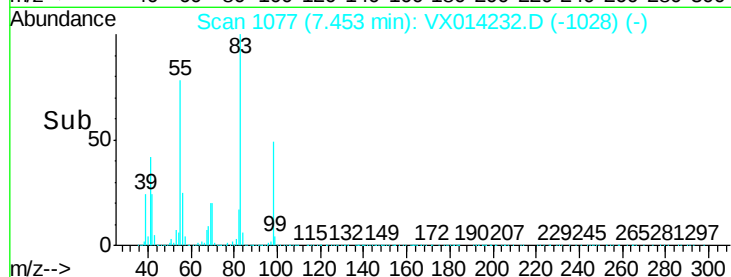
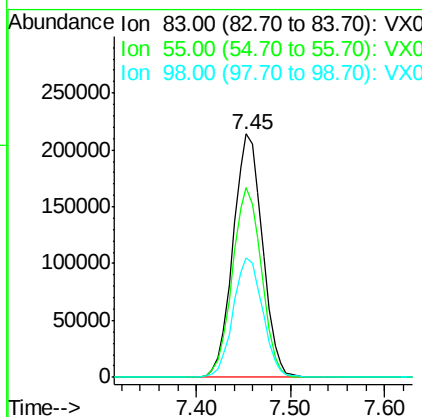
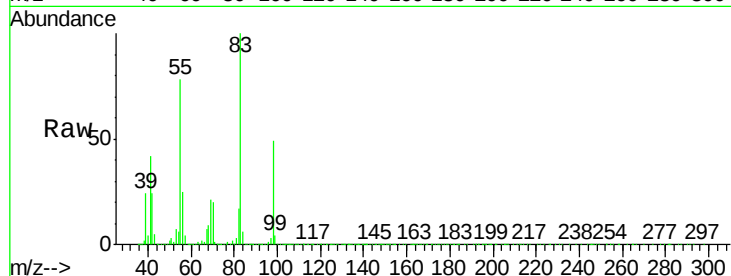
#39
Methvlcvclohexane
Concen: 51.029 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.0	91.6
98	48.8	38.6	57.8

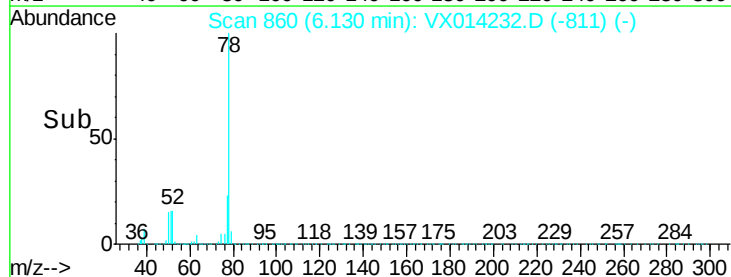
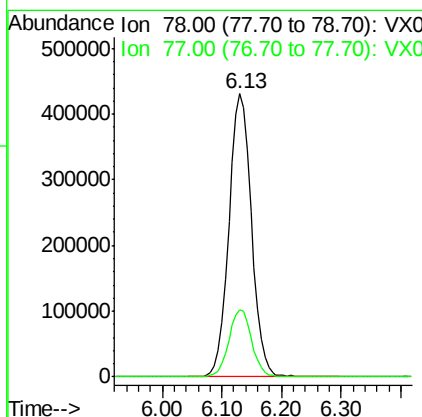
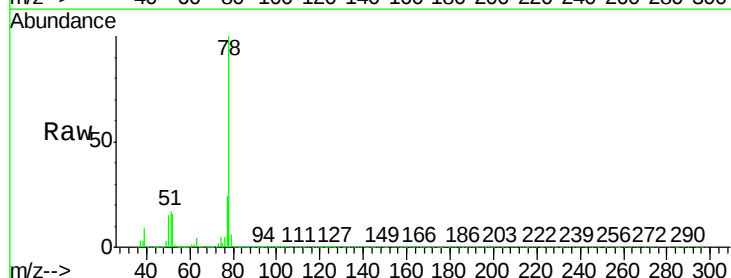
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#40
Benzene
Concen: 50.116 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 49.572 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

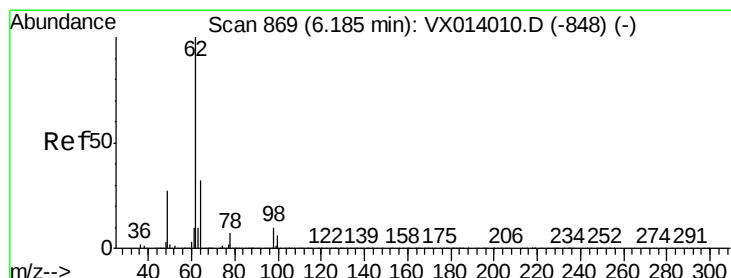
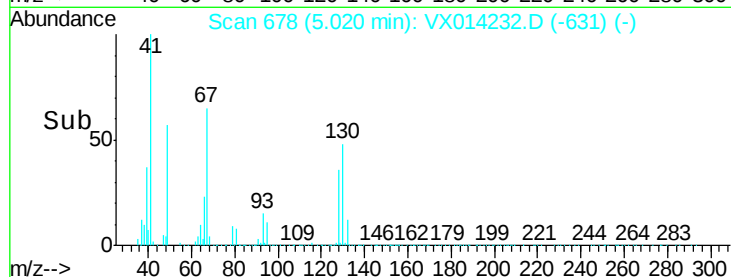
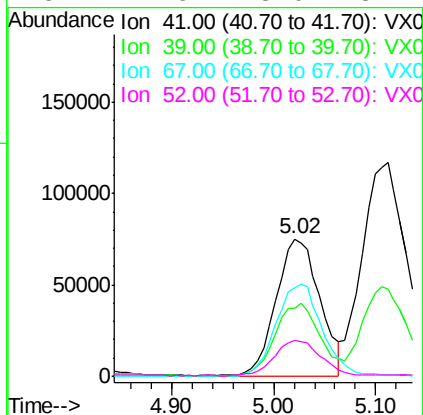
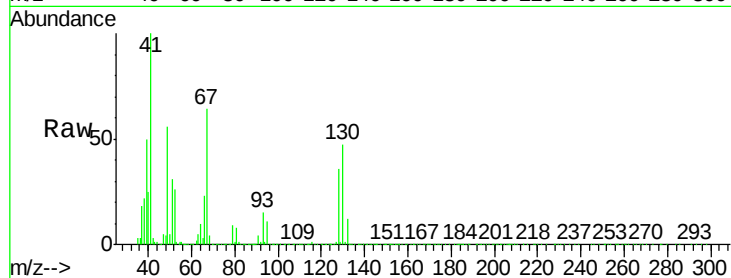
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	44.5	66.7	
67	70.4	57.4	86.0	
52	27.6	23.0	34.4	

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#42

1,2-Dichloroethane

Concen: 49.977 ug/l

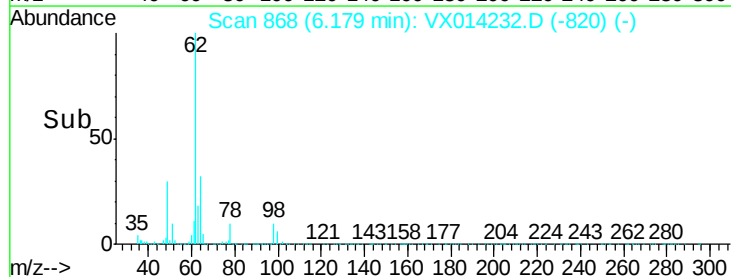
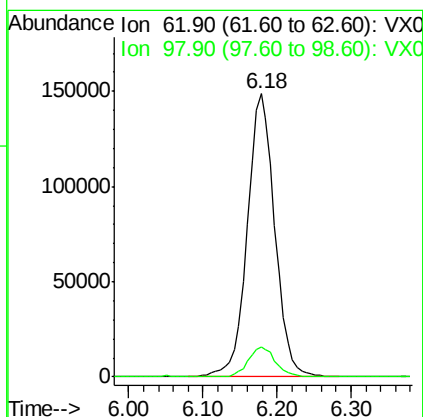
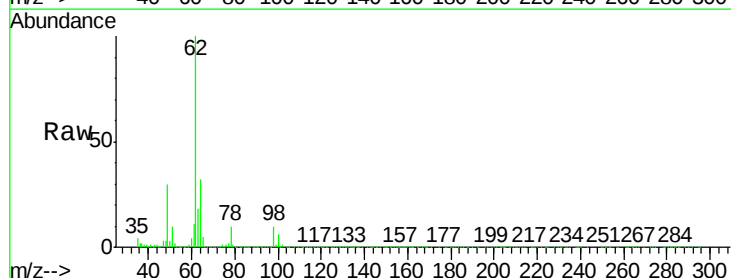
RT: 6.18 min Scan# 868

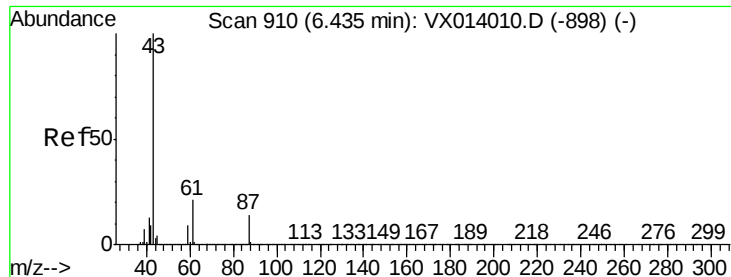
Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	21.0	





#43

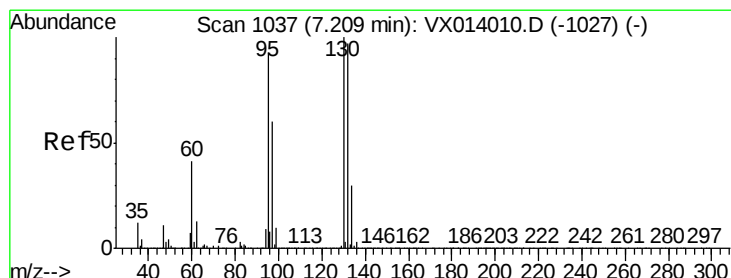
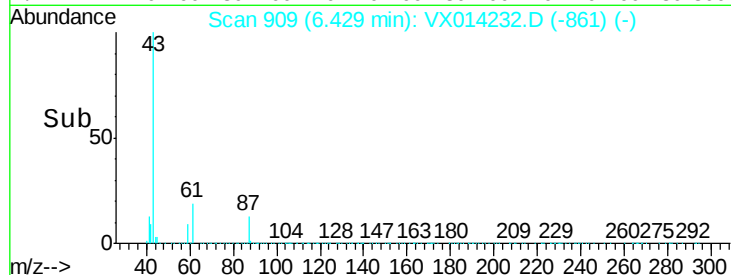
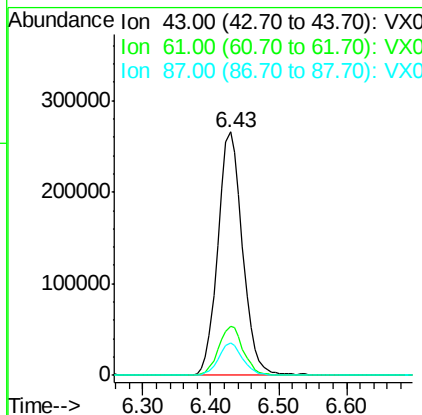
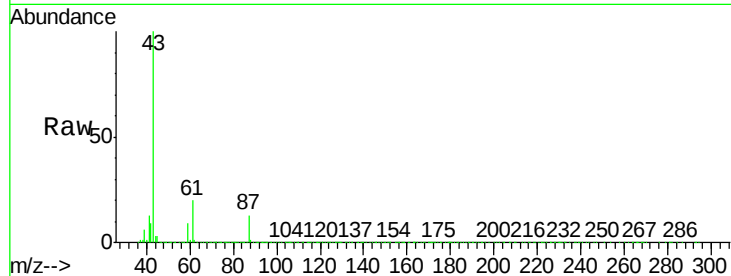
Isopropyl Acetate
 Concen: 49.498 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.4	24.6
87	12.9	10.7	16.1

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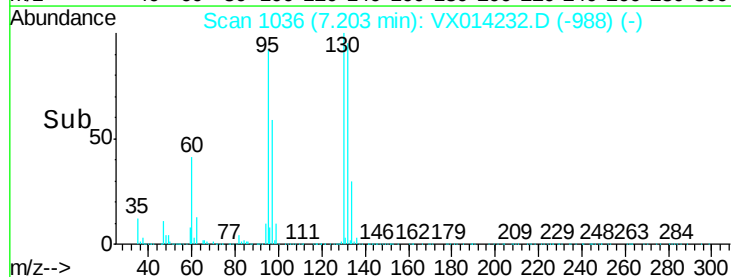
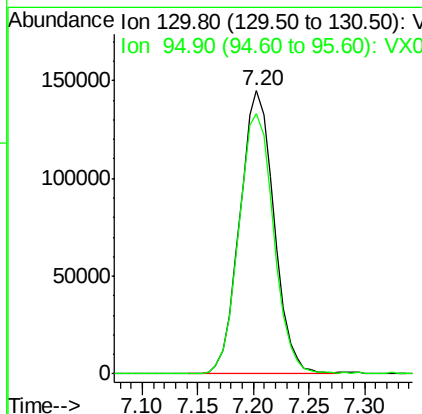
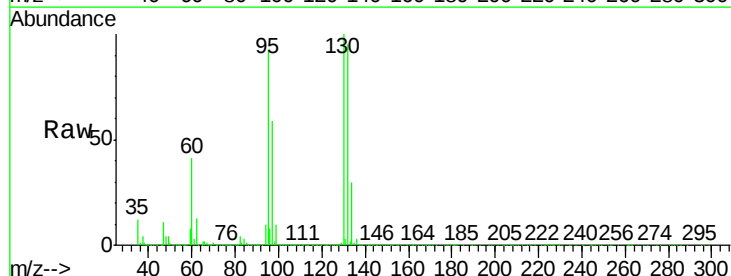
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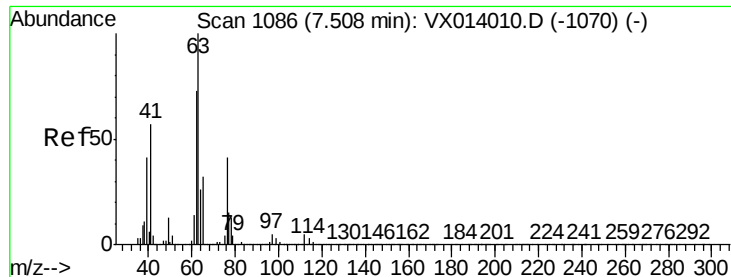


#44

Trichloroethene
 Concen: 49.560 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	185.6





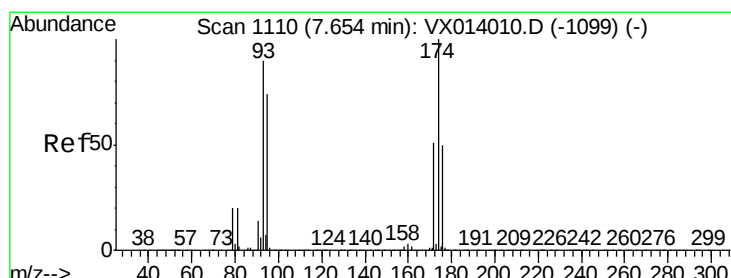
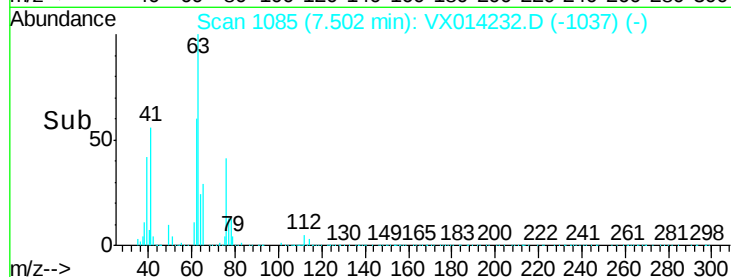
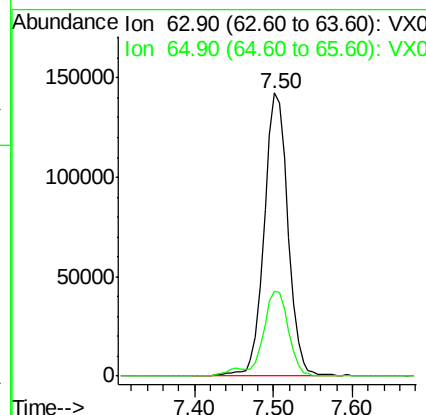
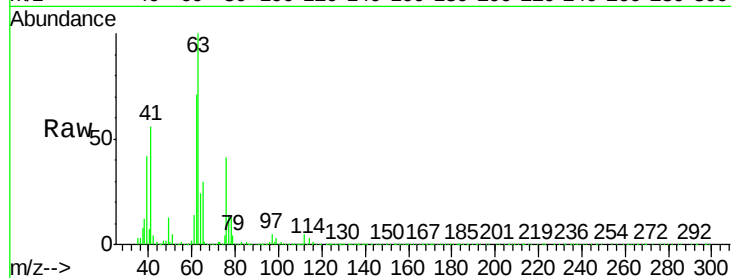
#45
 1,2-Dichloropropane
 Concen: 51.571 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.8	38.8

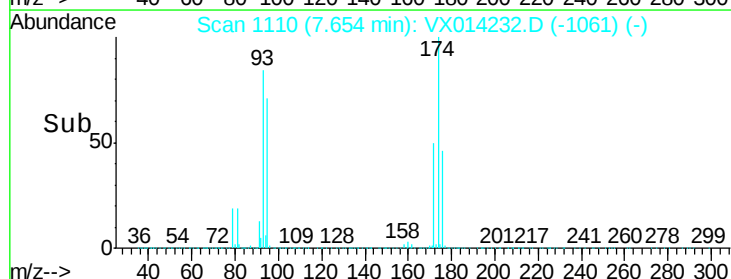
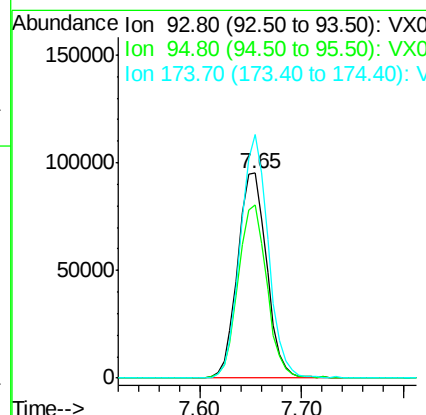
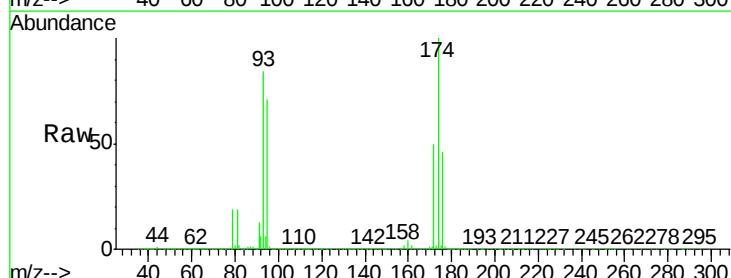
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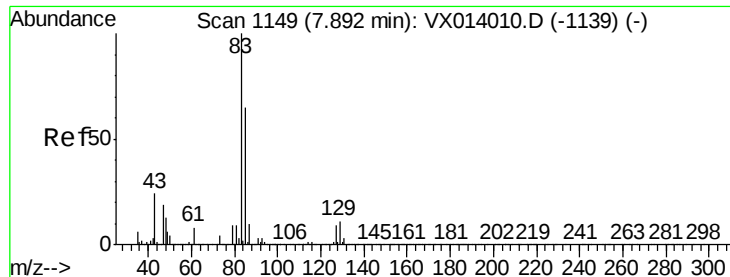
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#46
 Dibromomethane
 Concen: 49.209 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	67.3	100.9
174	113.7	91.6	137.4





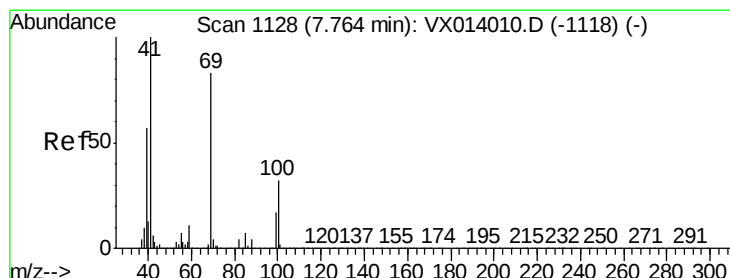
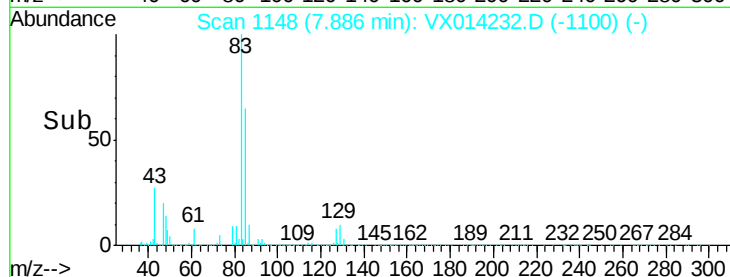
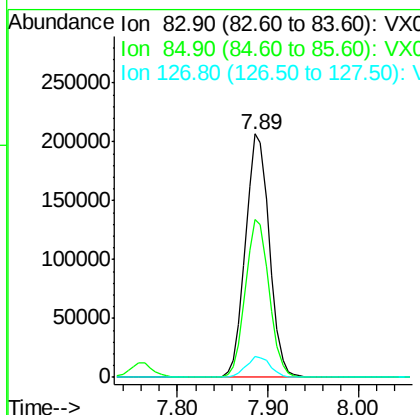
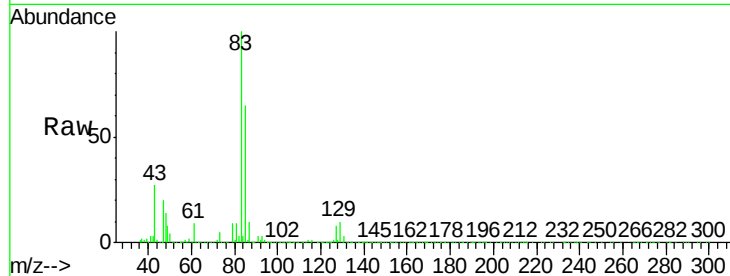
#47
Bromodichloromethane
Concen: 52.450 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	378043		
85	64.6	51.8	77.8	
127	8.3	7.0	10.4	

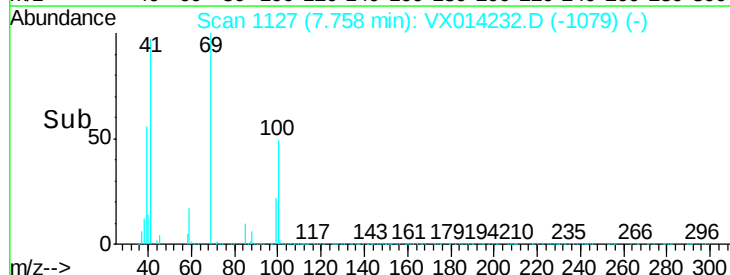
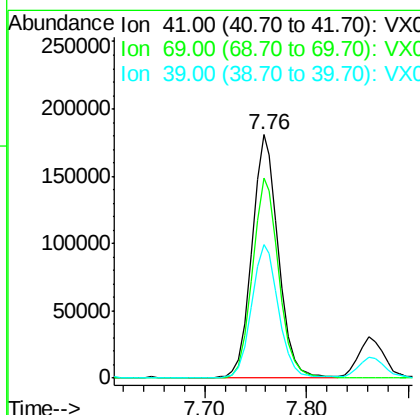
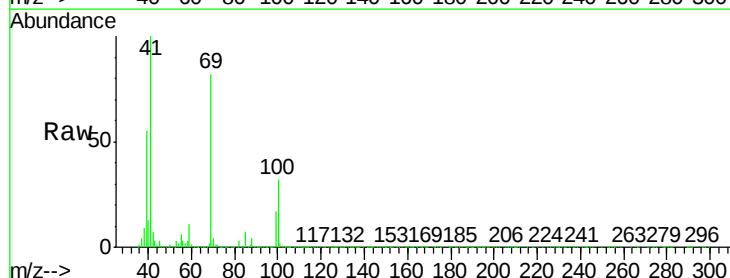
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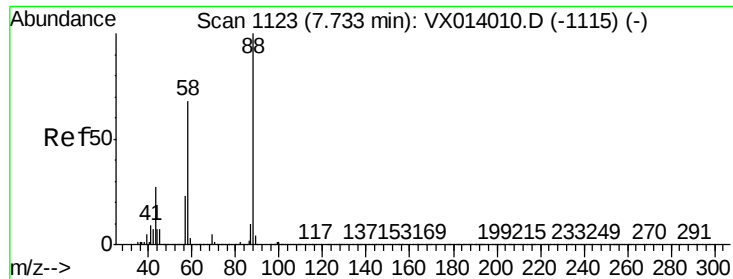
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#48
Methyl methacrylate
Concen: 49.462 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	324887		
69	82.4	65.8	98.6	
39	55.5	44.6	67.0	





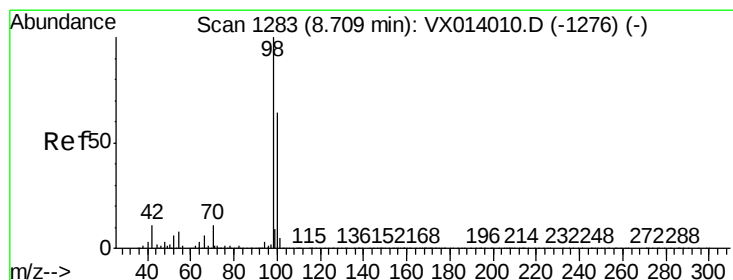
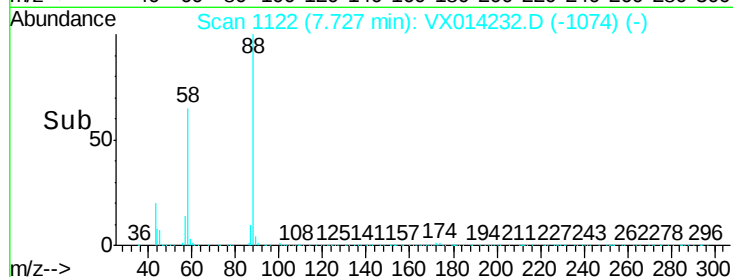
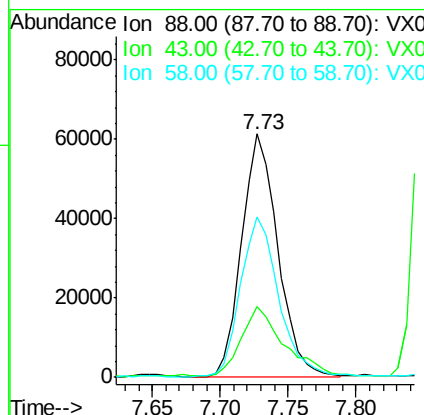
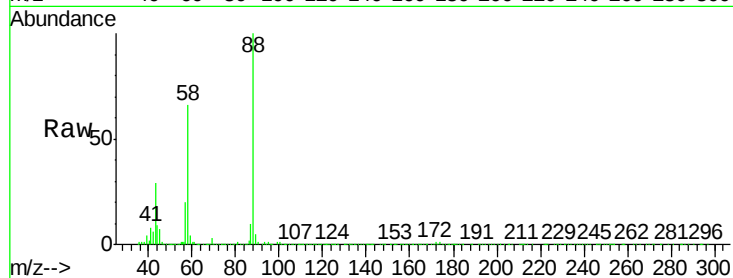
#49
1,4-Dioxane
Concen: 851.606 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.5	39.7
58	70.6	56.8	85.2

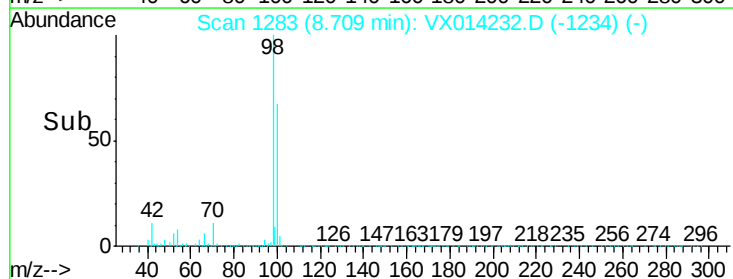
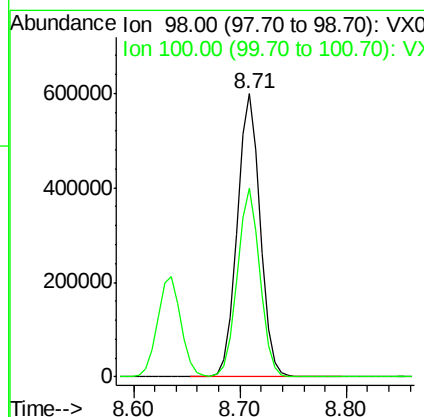
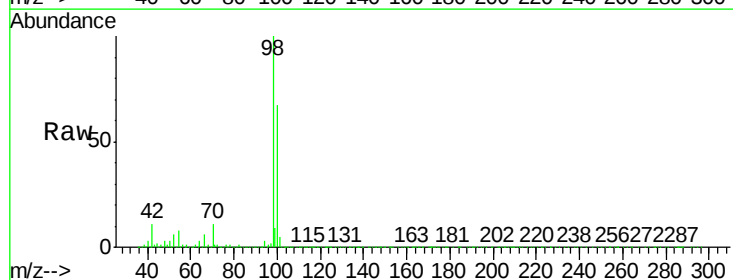
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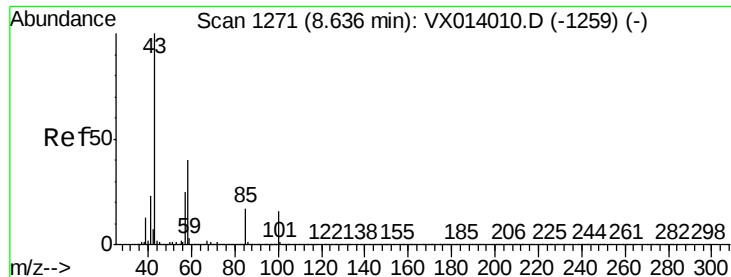
apatel
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#50
Toluene-d8
Concen: 47.597 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 240.403 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2025209

Ion Ratio Lower Upper

43 100

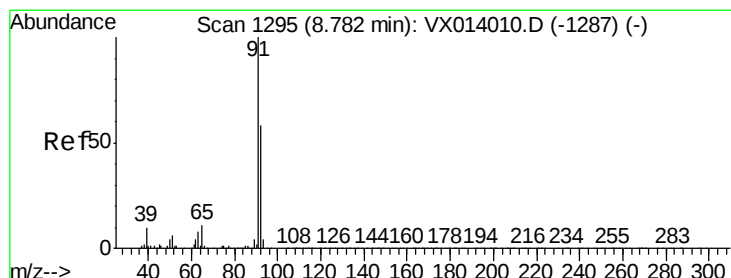
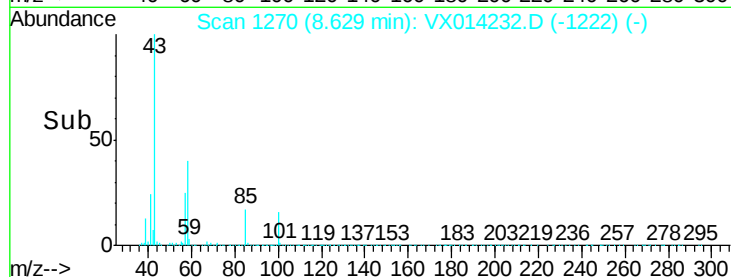
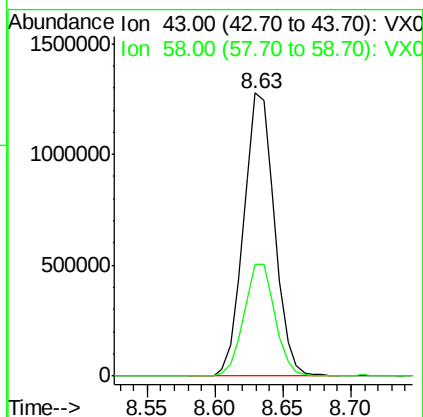
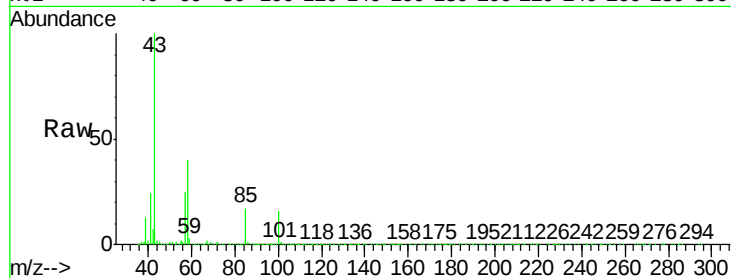
58 39.7 32.2 48.2

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#52

Toluene

Concen: 49.904 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014232.D

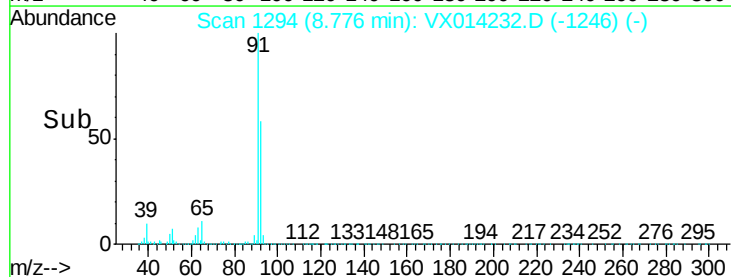
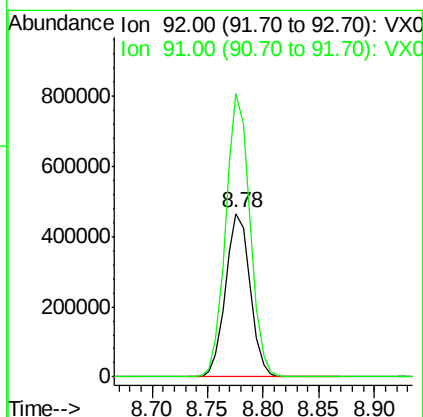
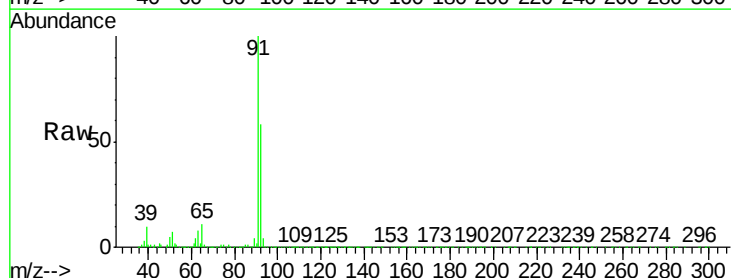
Acq: 24 Dec 2019 09:28

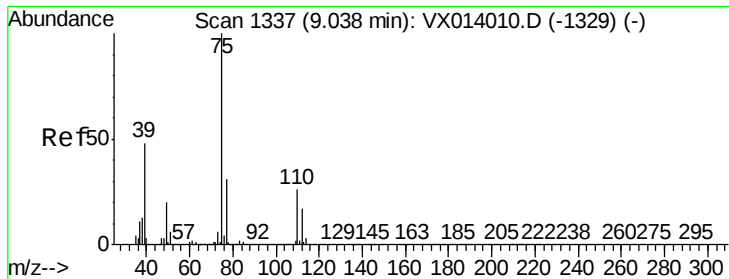
Tgt Ion: 92 Resp: 712371

Ion Ratio Lower Upper

92 100

91 170.5 136.2 204.4





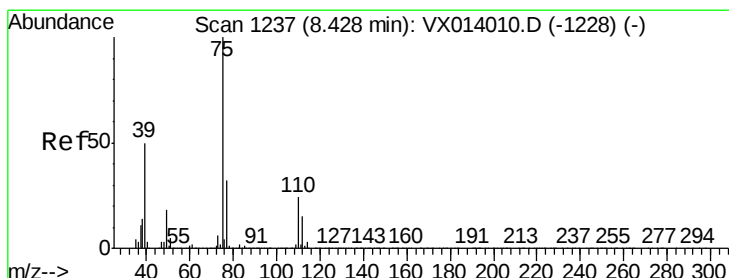
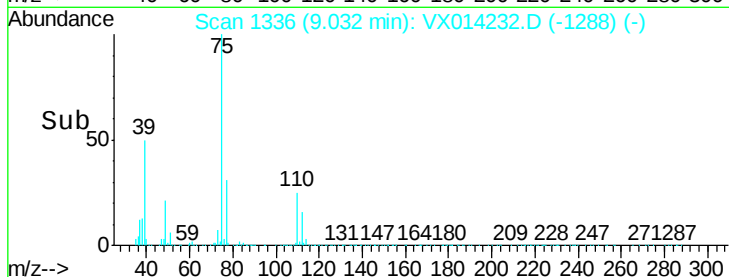
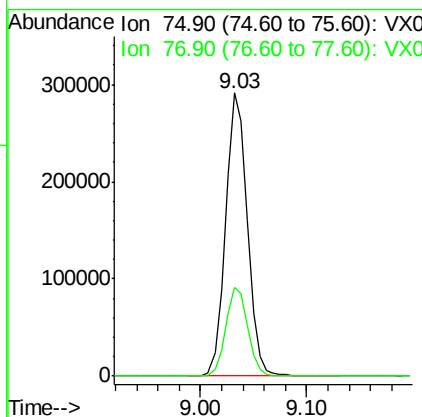
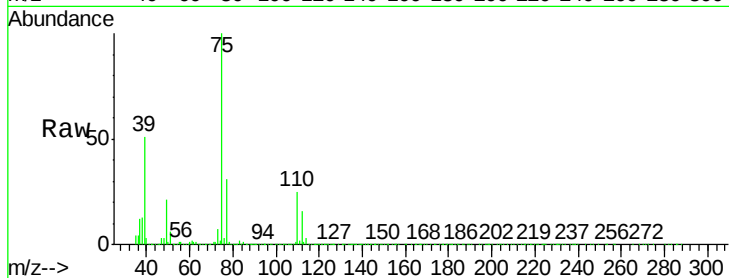
#53
t-1,3-Dichloropropene
Concen: 52.738 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 416802
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7

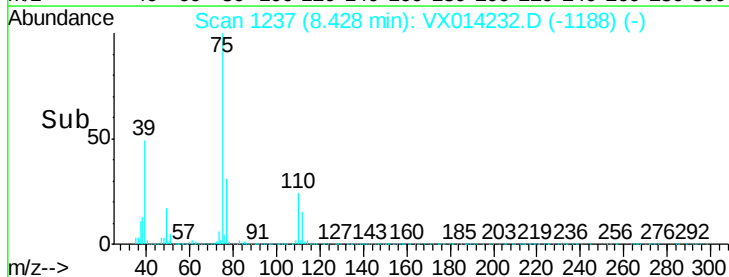
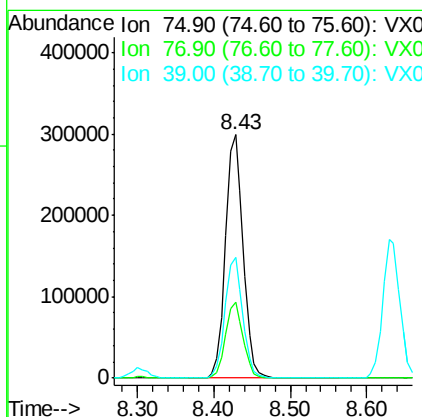
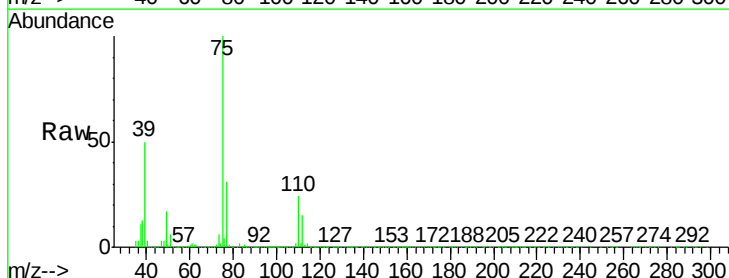
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#54
cis-1,3-Dichloropropene
Concen: 53.876 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion: 75 Resp: 474369
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 49.5 39.9 59.9





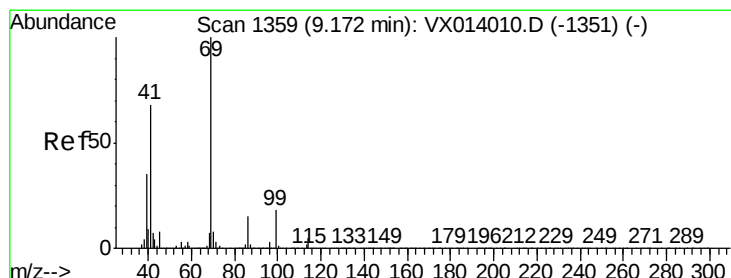
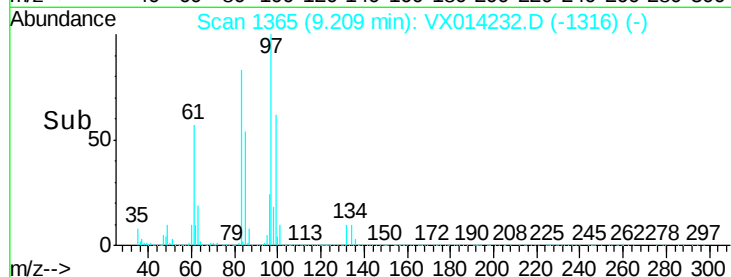
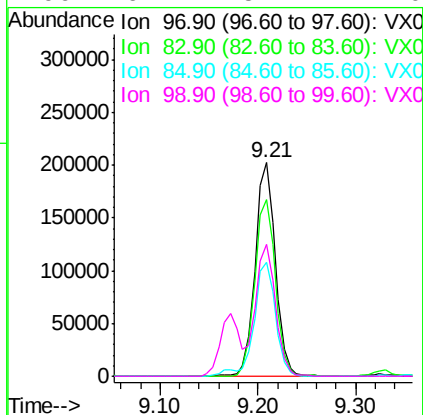
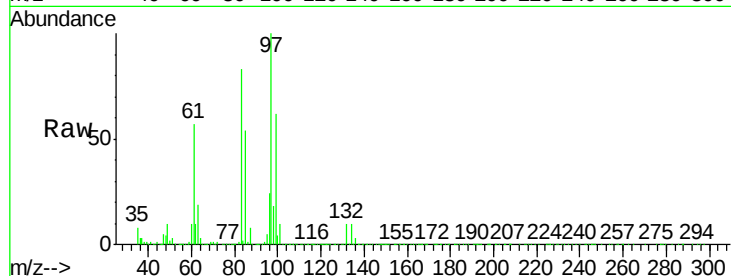
#55
 1,1,2-Trichloroethane
 Concen: 50.509 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		288971		
83	82.7	68.2	102.4		
85	53.5	44.6	66.8		
99	61.7	51.4	77.0		

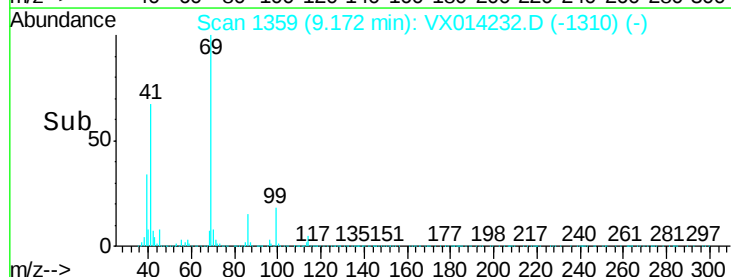
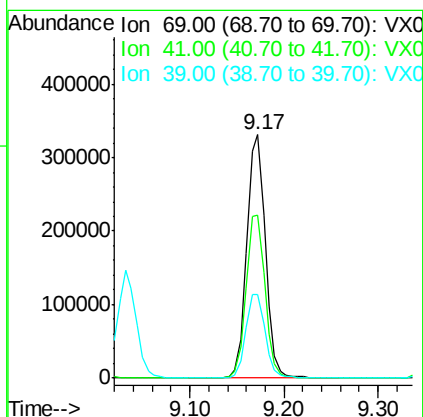
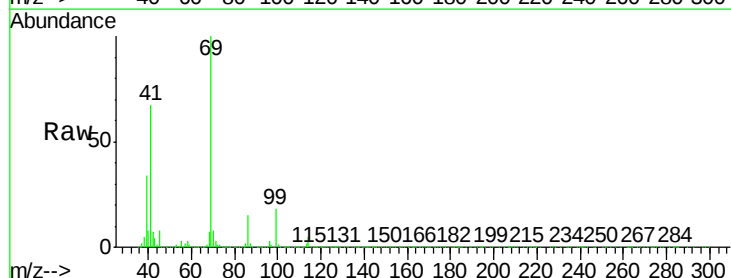
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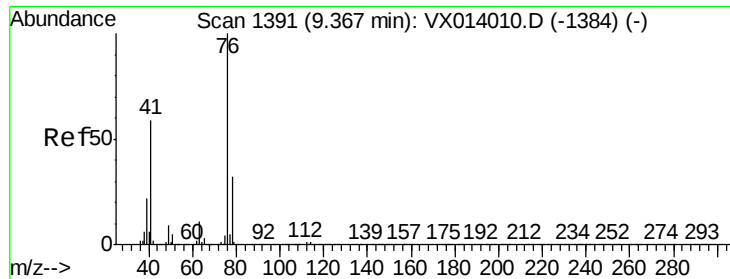
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#56
 Ethyl methacrylate
 Concen: 50.753 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014232.D
 Acq: 24 Dec 2019 09:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		456119		
41	68.4	54.8	82.2		
39	35.7	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.541 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 486497

Ion Ratio Lower Upper

76 100

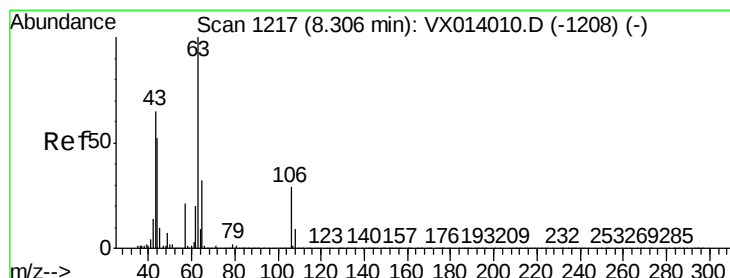
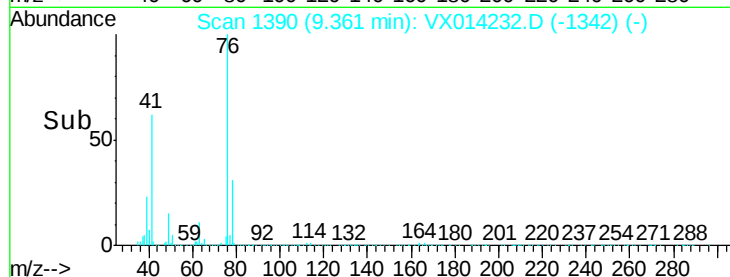
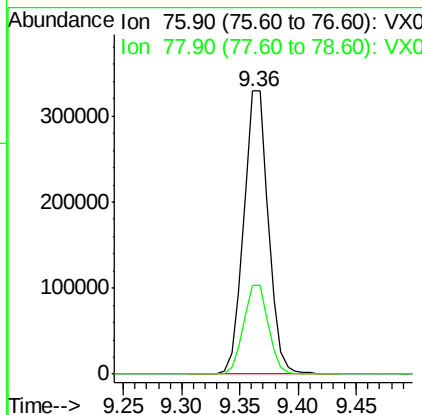
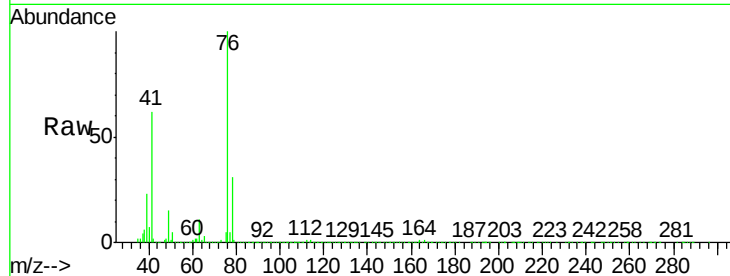
78 31.9 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 261.476 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014232.D

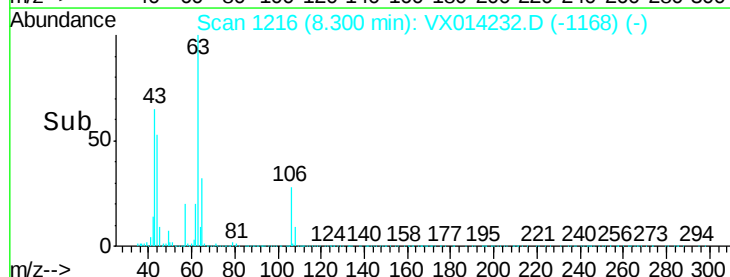
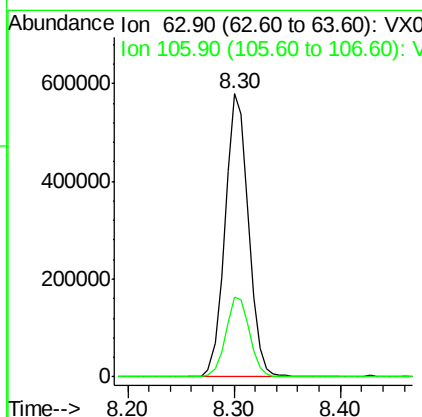
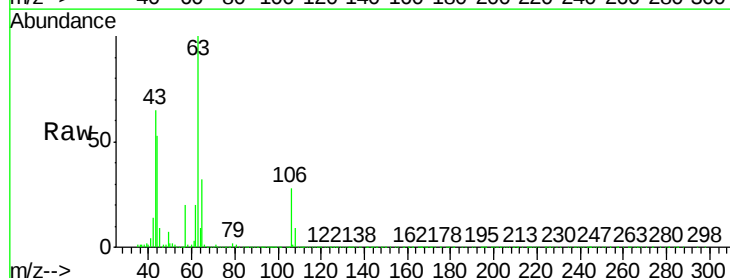
Acq: 24 Dec 2019 09:28

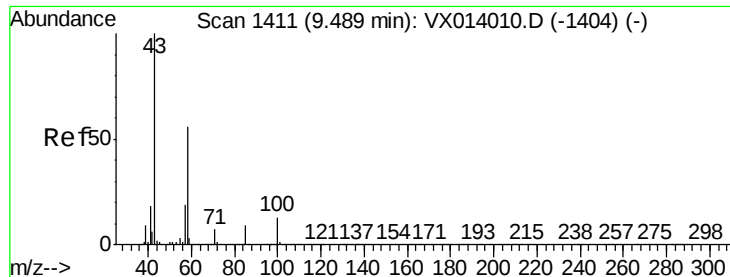
Tgt Ion: 63 Resp: 889280

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





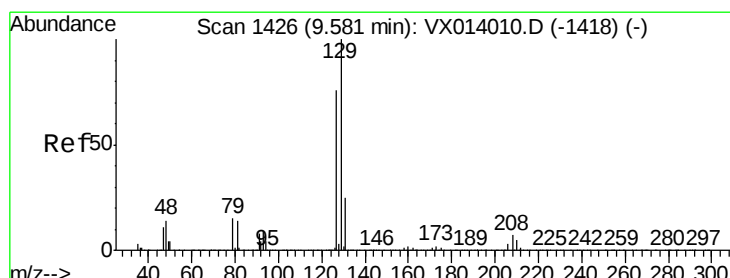
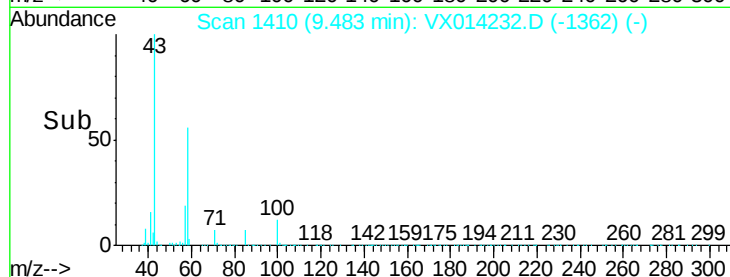
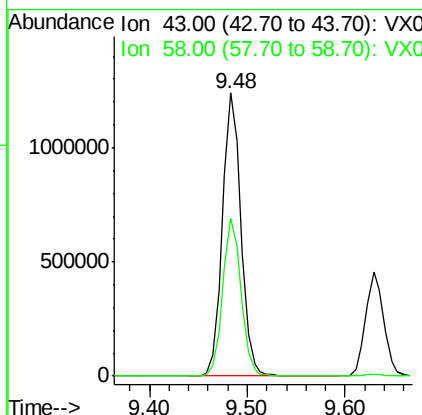
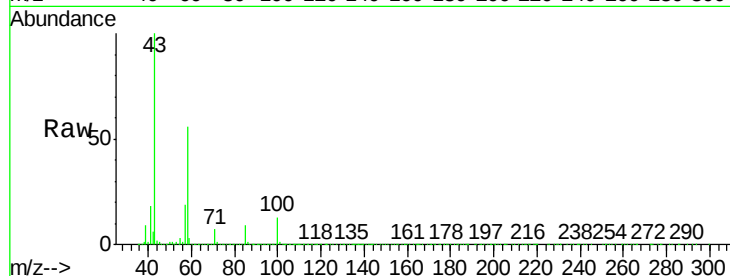
#59
2-Hexanone
Concen: 240.807 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1633033
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0

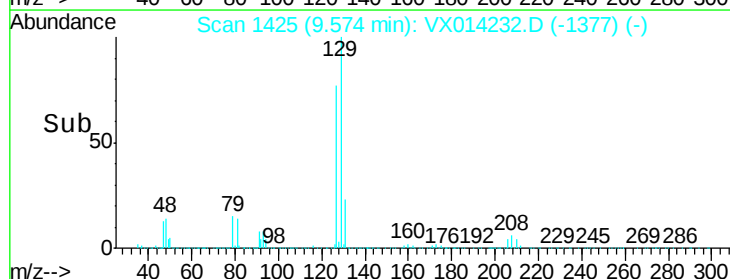
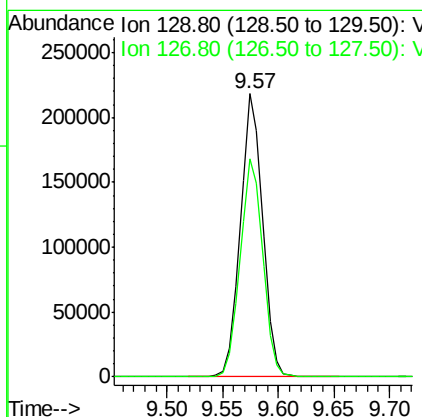
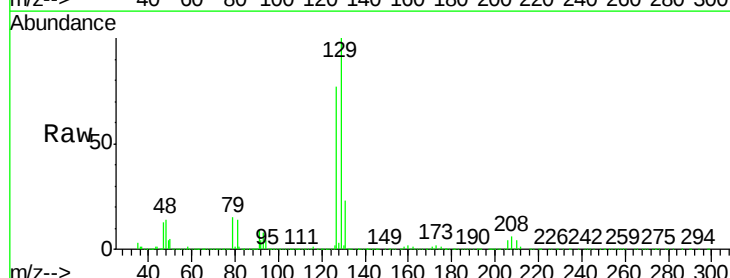
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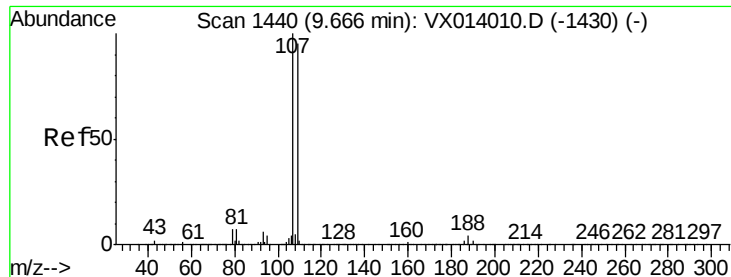
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#60
Dibromochloromethane
Concen: 53.075 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion: 129 Resp: 301830
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.585 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 296106

Ion Ratio Lower Upper

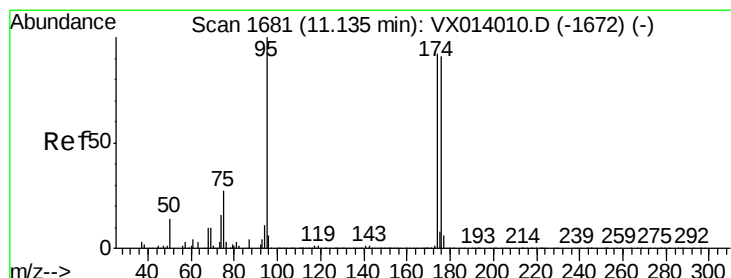
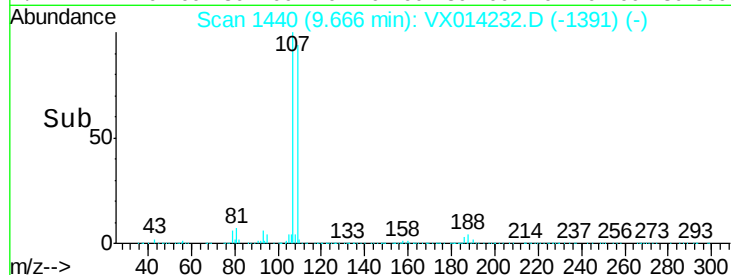
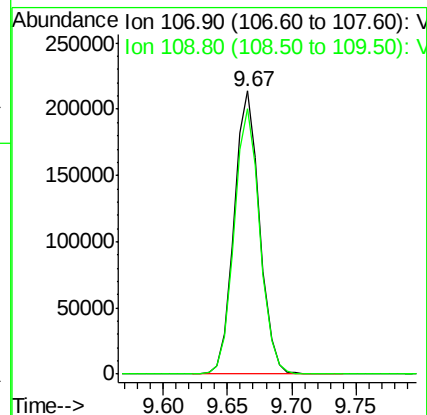
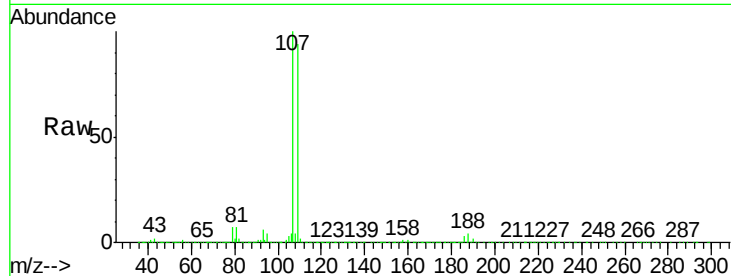
107 100

109 94.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 46.514 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

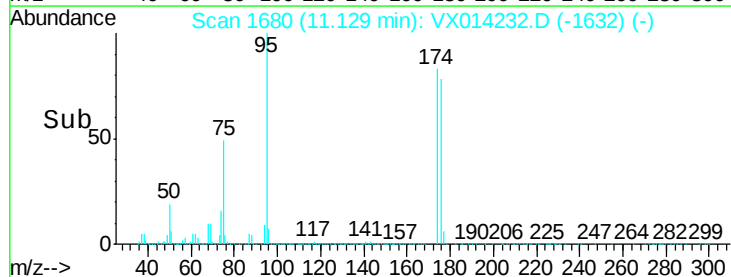
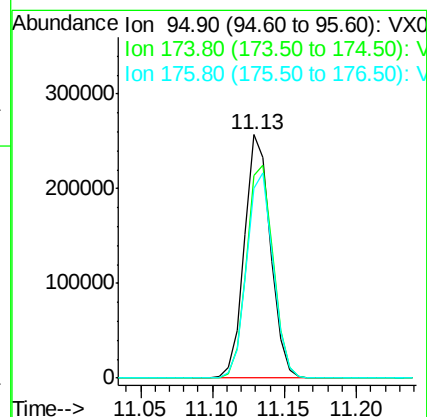
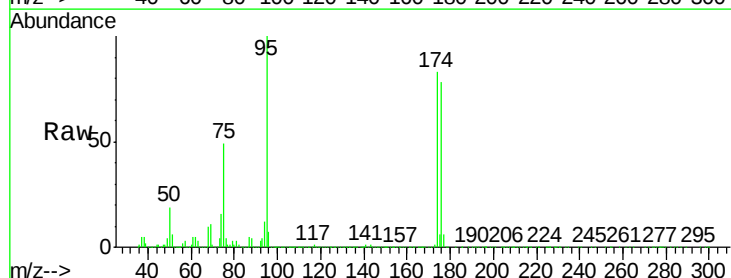
Tgt Ion: 95 Resp: 321897

Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

176 85.6 0.0 173.0





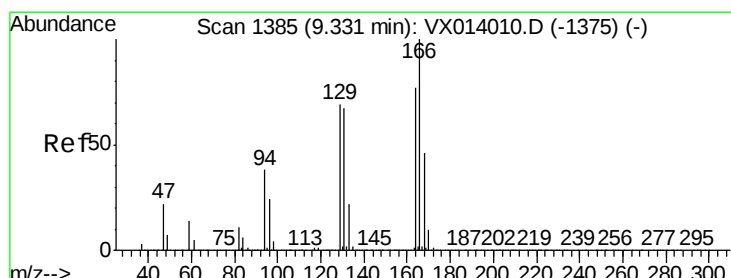
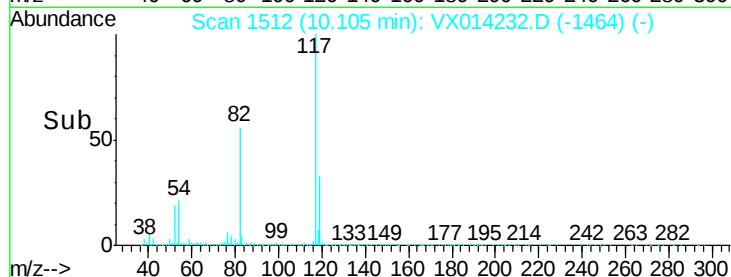
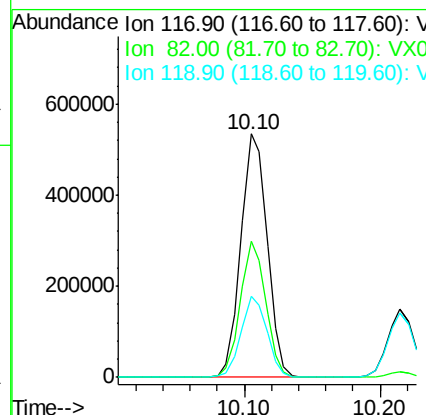
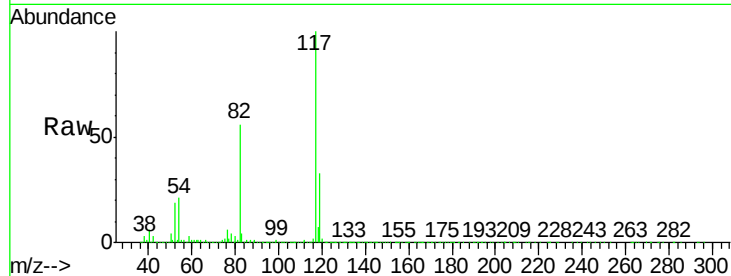
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.2	63.4
119	33.2	25.1	37.7

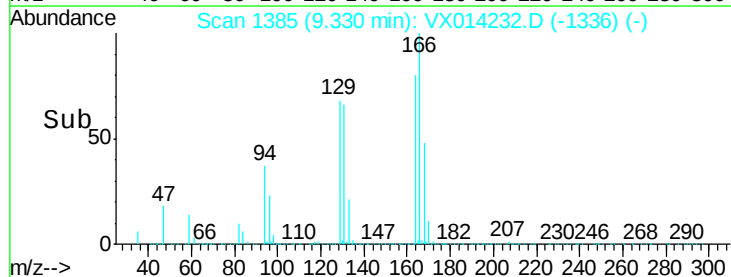
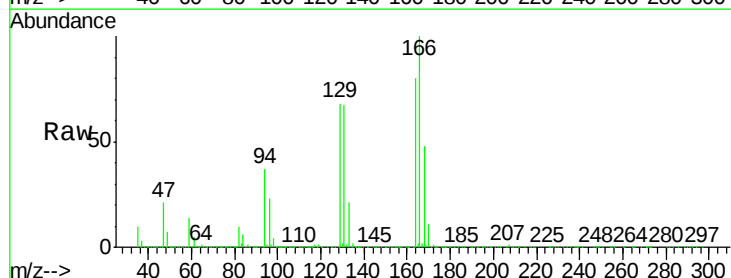
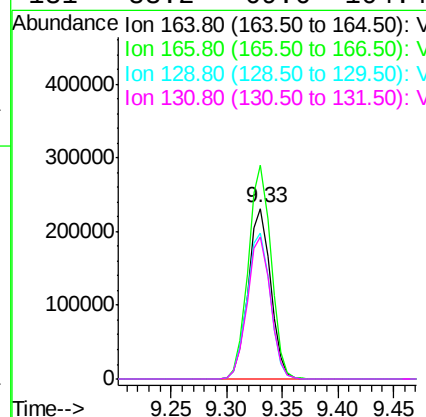
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#64
Tetrachloroethene
Concen: 51.087 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	104.0	156.0
129	85.5	72.2	108.4
131	83.2	69.6	104.4





#65

Chlorobenzene

Concen: 50.430 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 773248

Ion Ratio Lower Upper

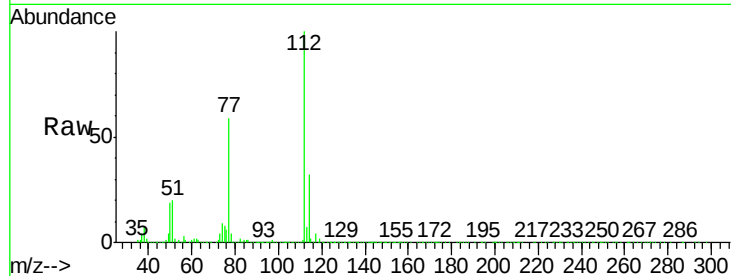
112 100

114 32.2 24.9 37.3

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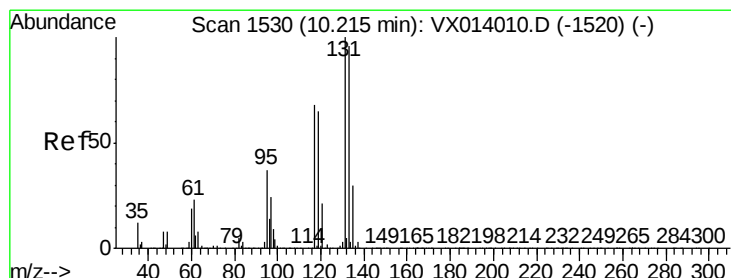
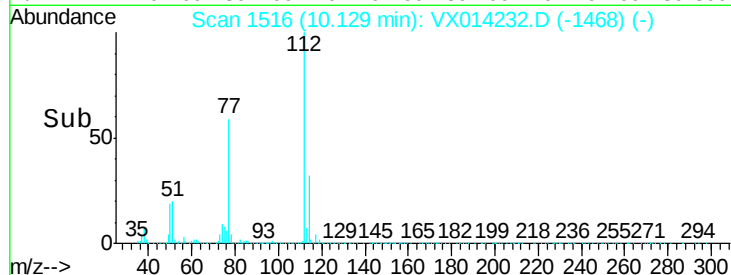
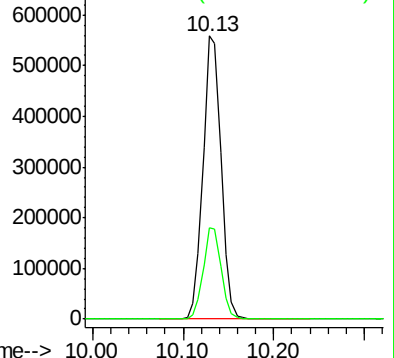
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.543 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

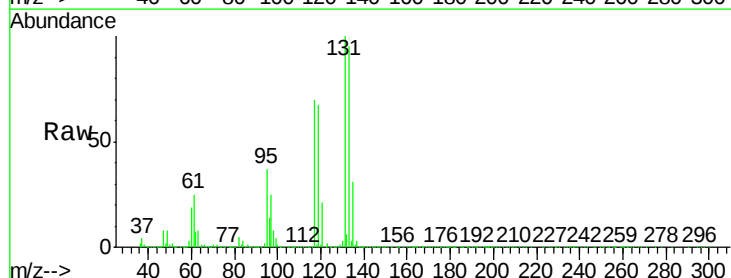
Tgt Ion:131 Resp: 282187

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

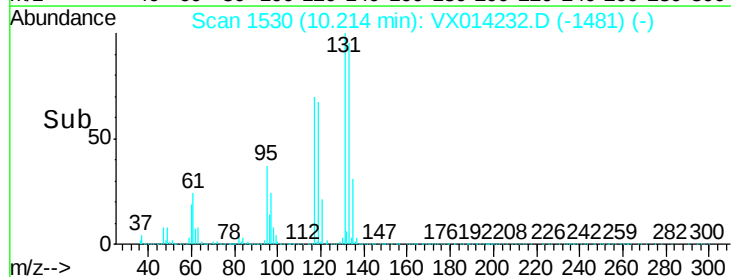
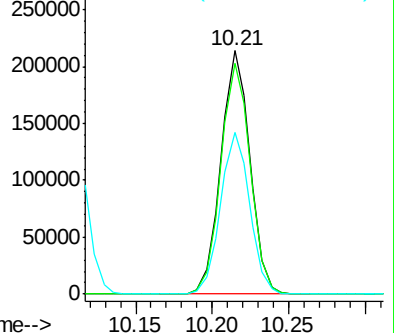
119 66.8 33.4 100.2

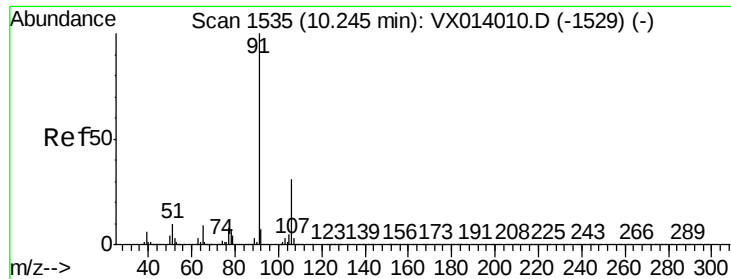


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.978 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1370211

Ion Ratio Lower Upper

91 100

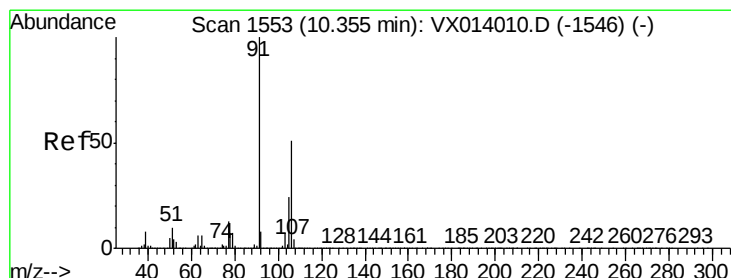
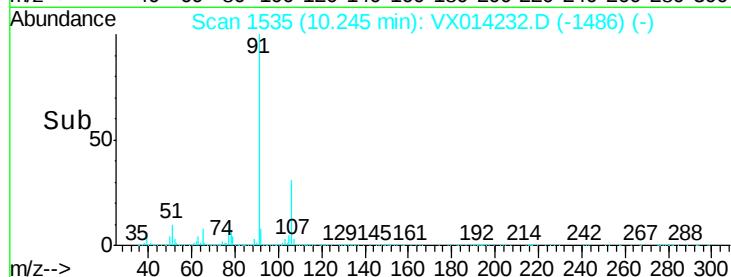
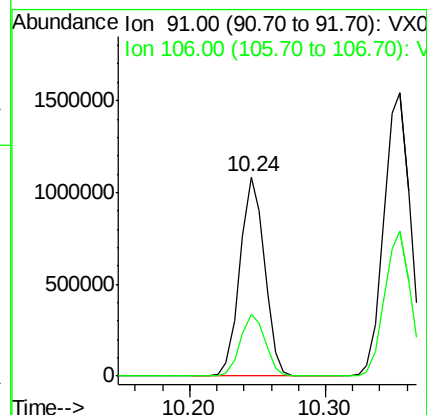
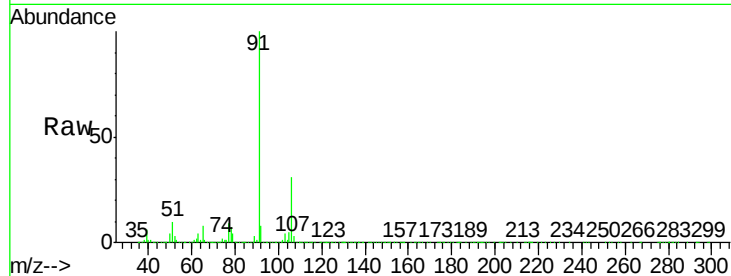
106 31.1 25.0 37.6

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#68

m/p-Xylenes

Concen: 102.434 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014232.D

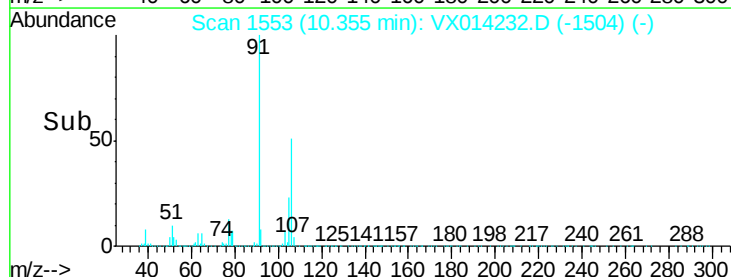
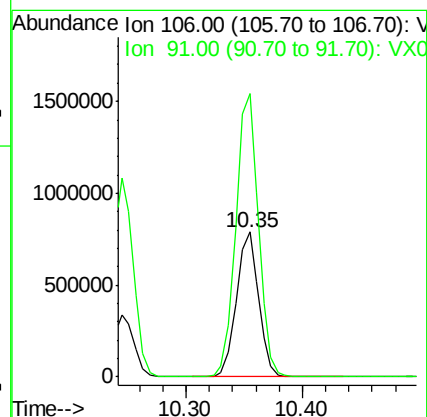
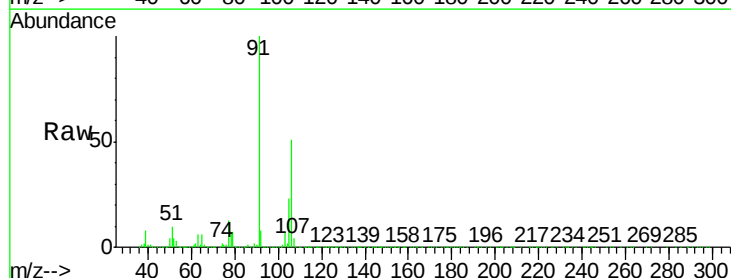
Acq: 24 Dec 2019 09:28

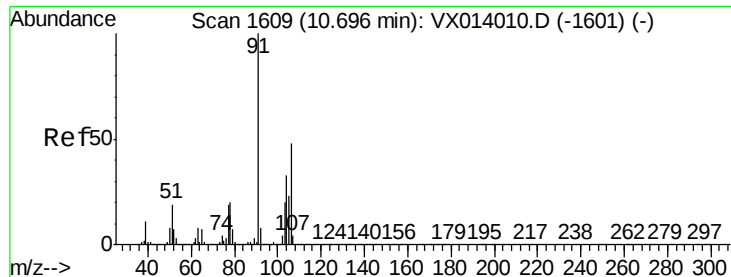
Tgt Ion: 106 Resp: 1038568

Ion Ratio Lower Upper

106 100

91 200.3 158.6 238.0





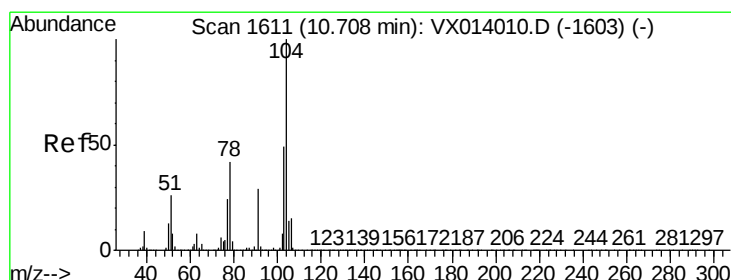
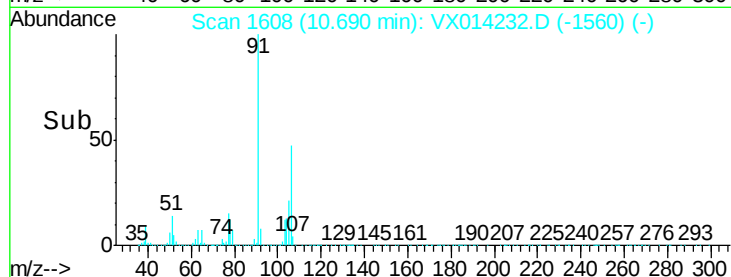
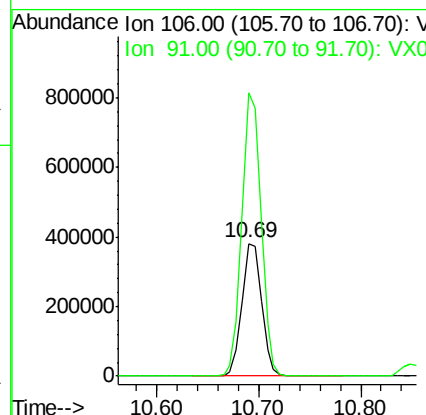
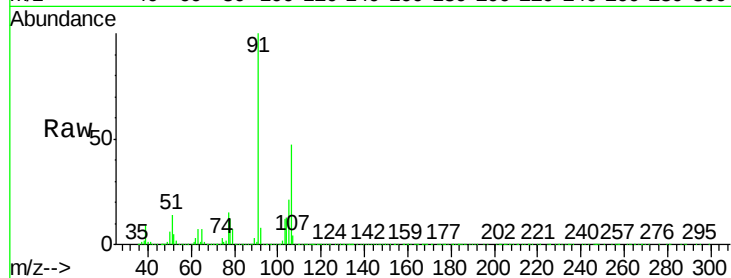
#69
o-Xylene
Concen: 50.456 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 501730
Ion Ratio Lower Upper
106 100
91 210.7 104.2 312.6

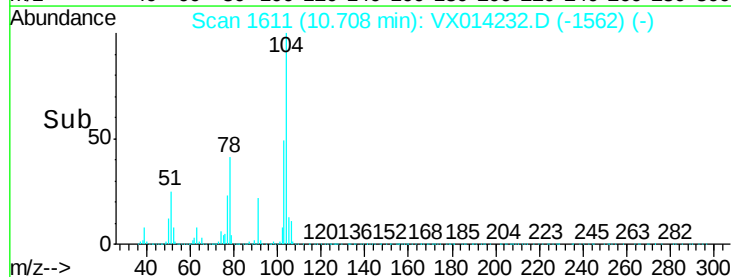
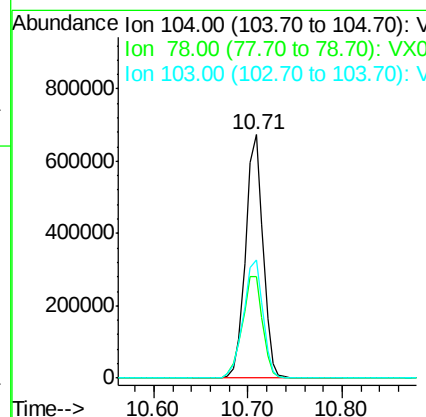
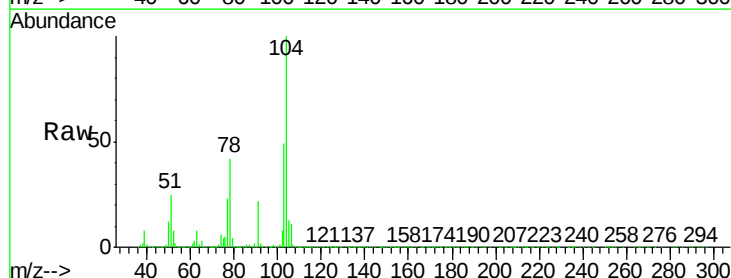
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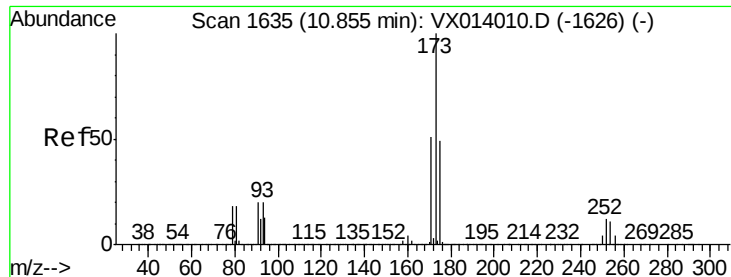
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#70
Styrene
Concen: 51.647 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion:104 Resp: 868432
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.2 42.9 64.3





#71

Bromoform

Concen: 51.959 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

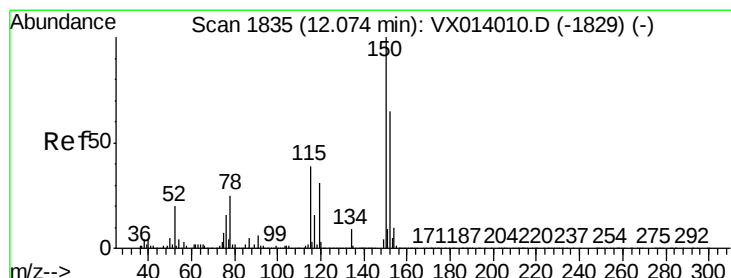
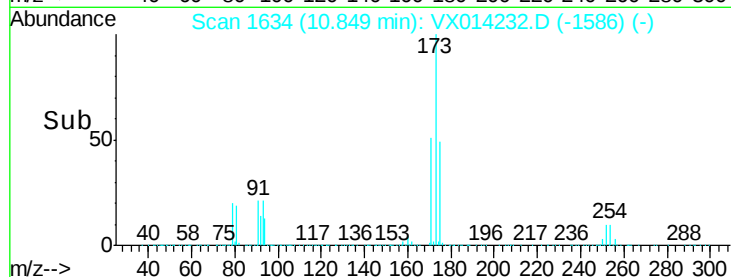
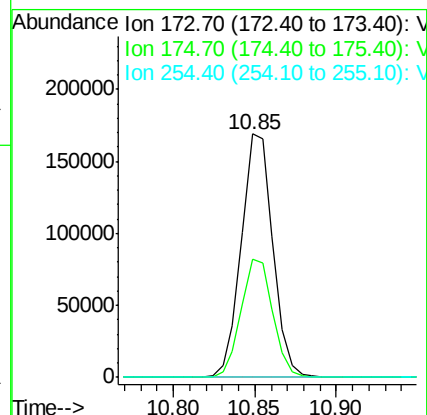
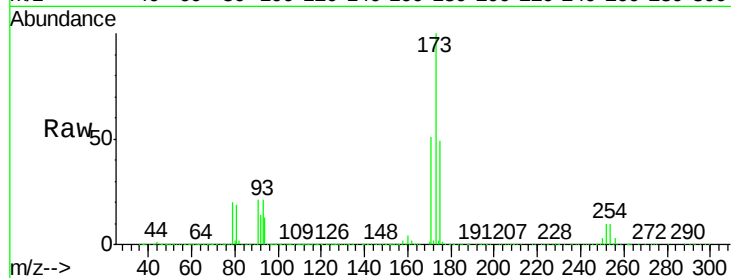
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.4
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

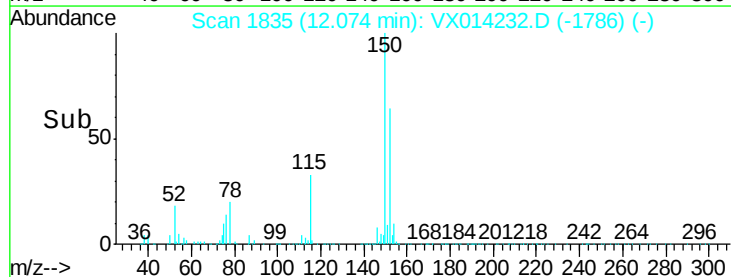
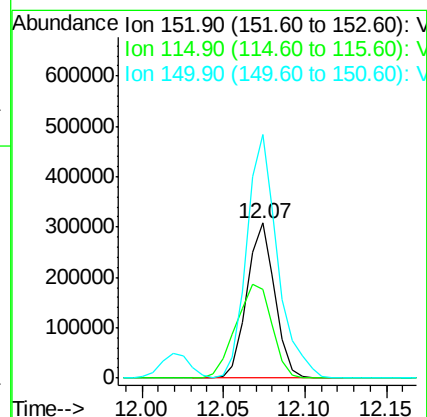
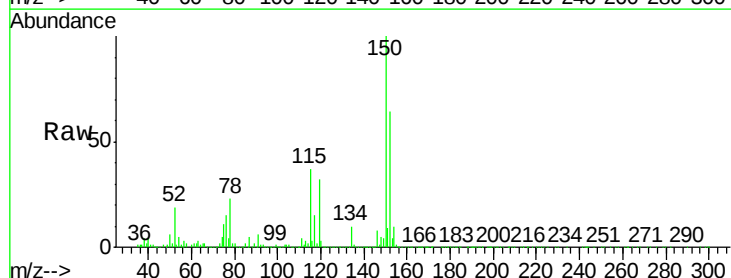
RT: 12.07 min Scan# 1835

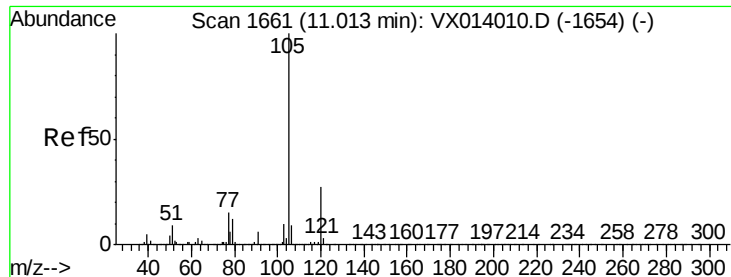
Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	38.3	114.9
150	174.5	0.0	345.4





#73

Isopropylbenzene

Concen: 52.294 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1343255

Ion Ratio Lower Upper

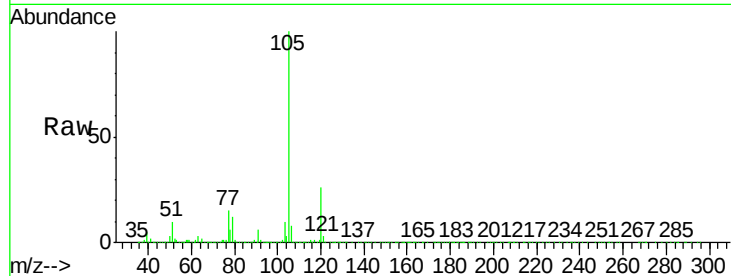
105 100

120 26.8 13.5 40.4

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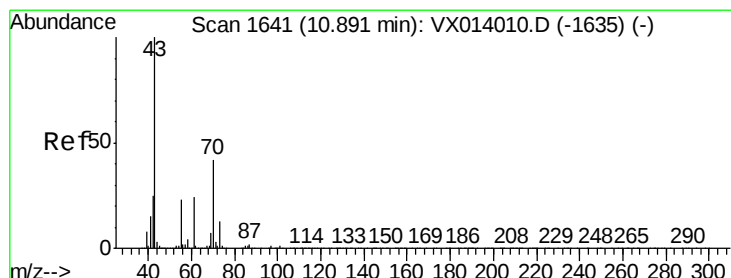
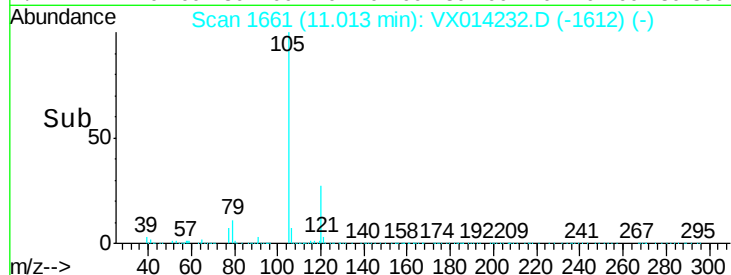
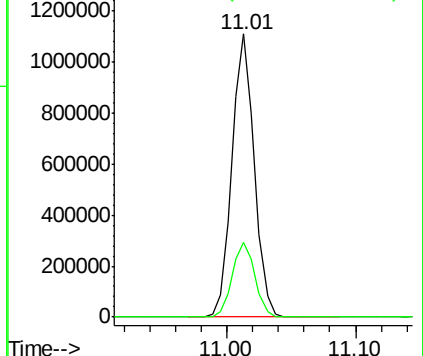
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.446 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion: 43 Resp: 583308

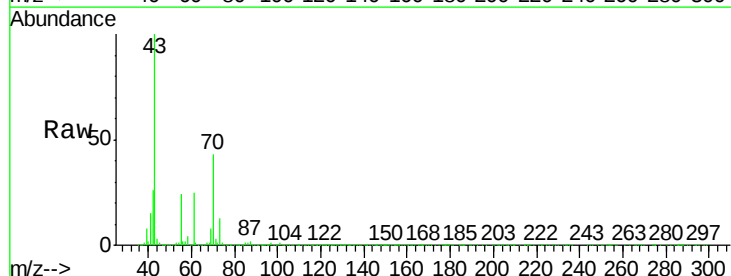
Ion Ratio Lower Upper

43 100

70 43.4 34.4 51.6

55 24.5 19.1 28.7

61 24.6 19.7 29.5

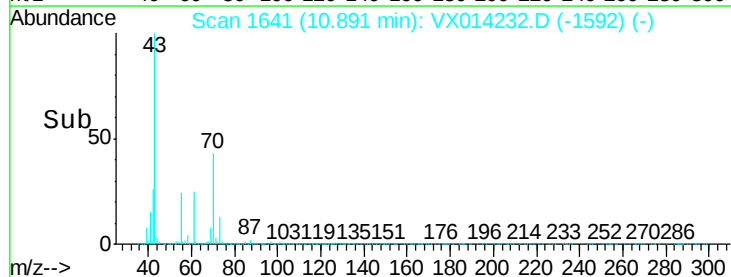
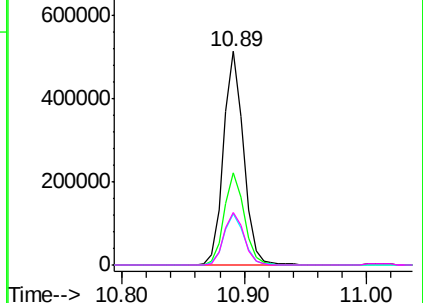


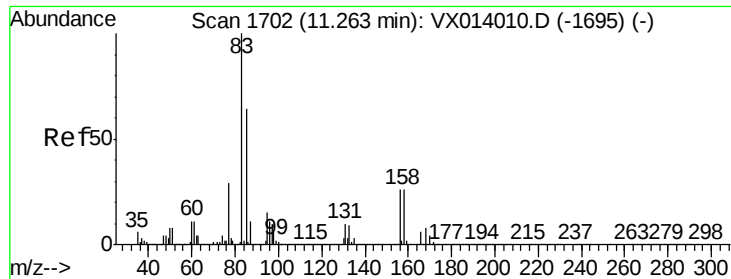
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.353 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

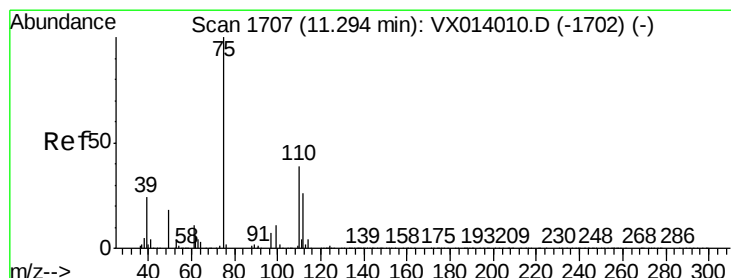
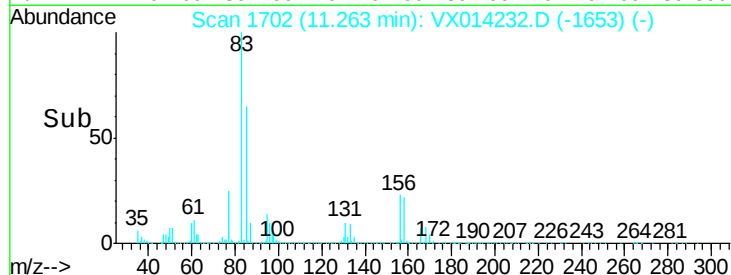
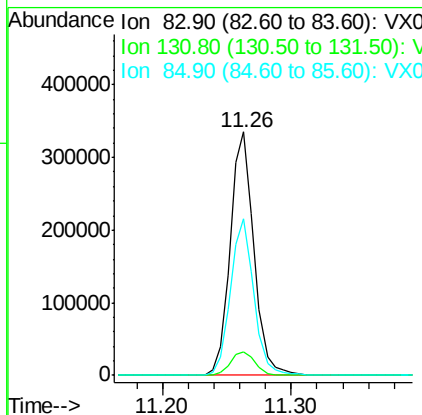
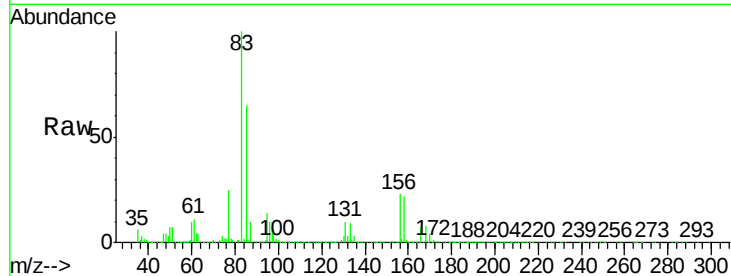
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	430598
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.565 ug/l m

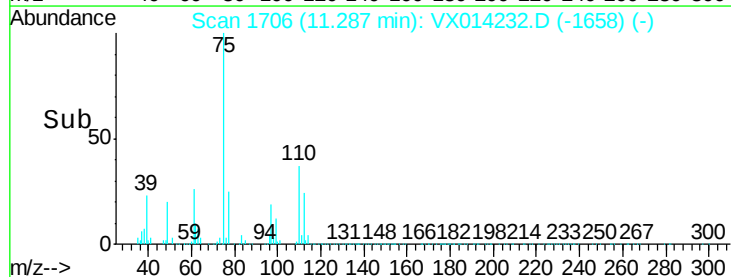
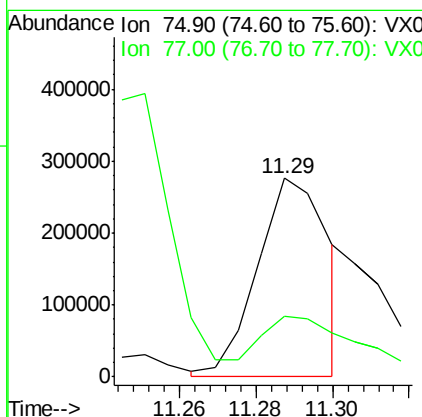
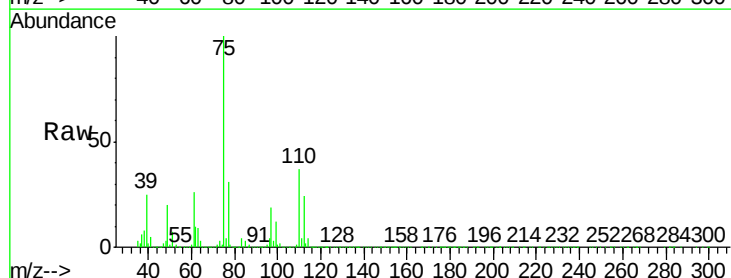
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	75	Resp:	352974
Ion Ratio	Lower	Upper	
75	100		
77	41.7	19.3	57.8





#77

Bromobenzene

Concen: 48.590 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

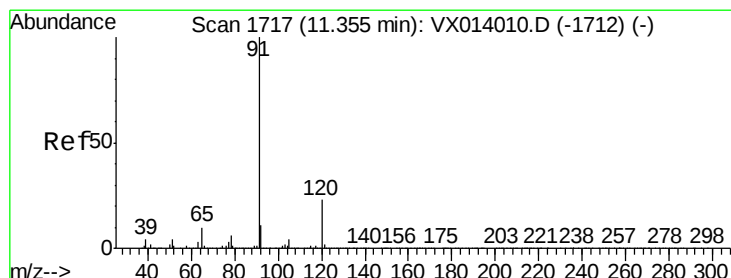
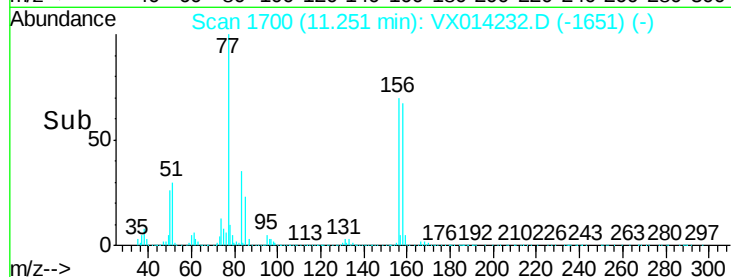
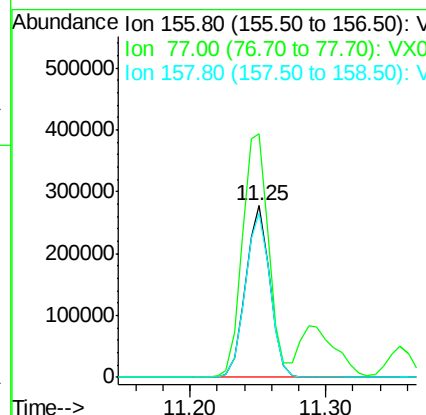
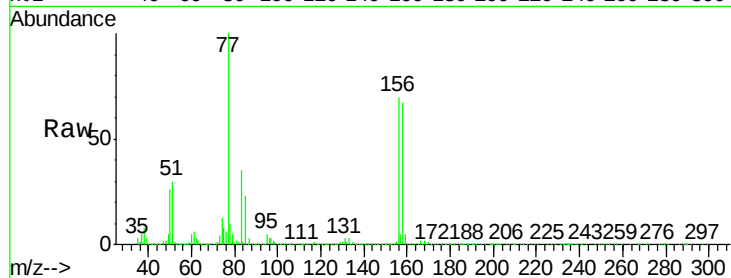
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.3	76.5	229.5
158	98.3	49.3	147.9

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#78

n-propylbenzene

Concen: 53.997 ug/l

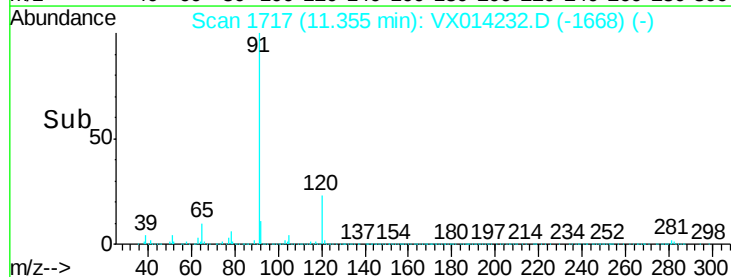
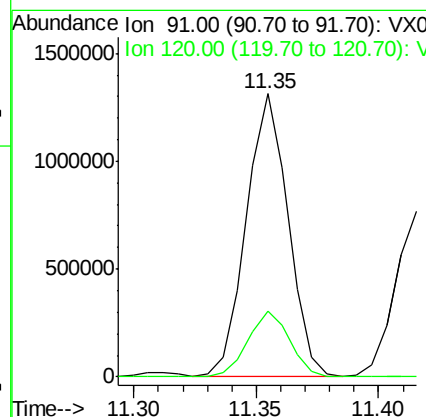
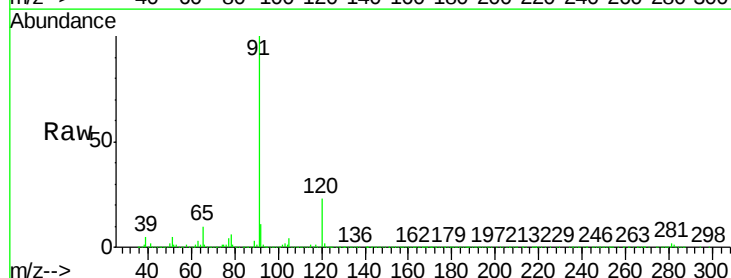
RT: 11.35 min Scan# 1717

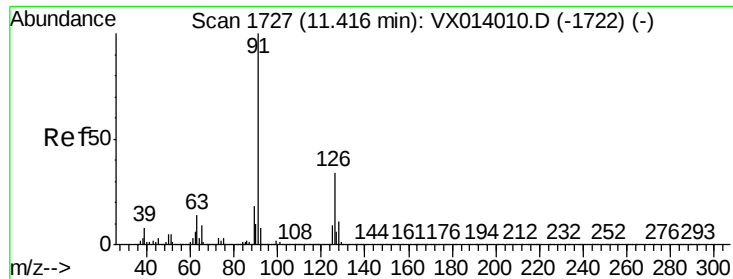
Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





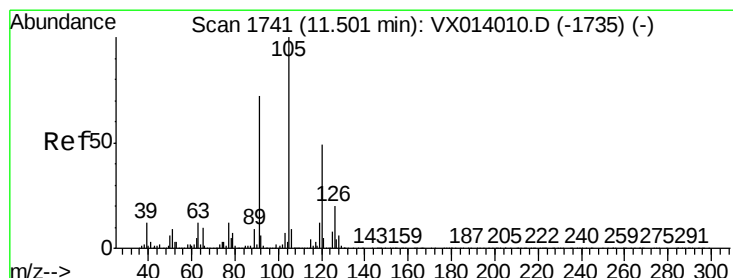
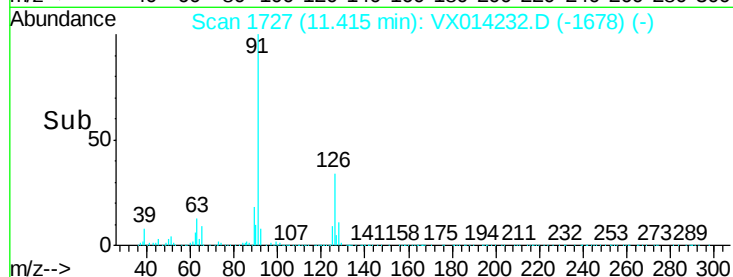
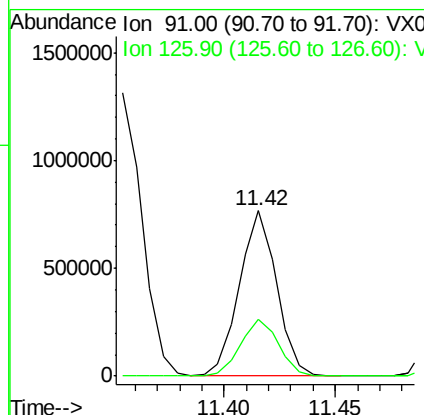
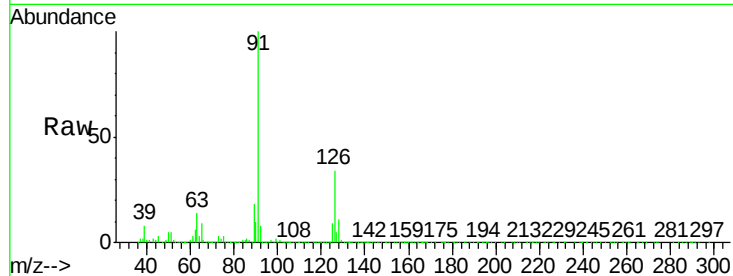
#79
2-Chlorotoluene
Concen: 51.087 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 894742
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

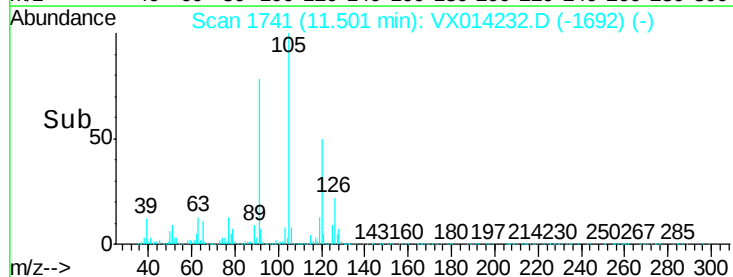
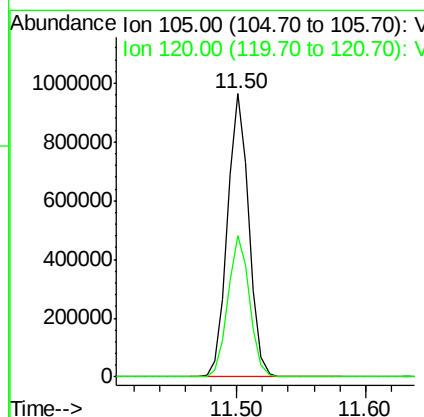
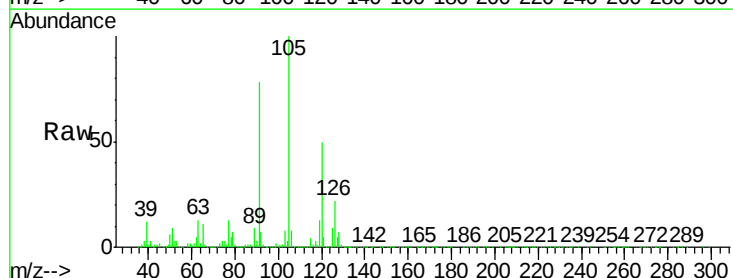
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#80
1,3,5-Trimethylbenzene
Concen: 52.188 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion: 105 Resp: 1128209
Ion Ratio Lower Upper
105 100
120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.562 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

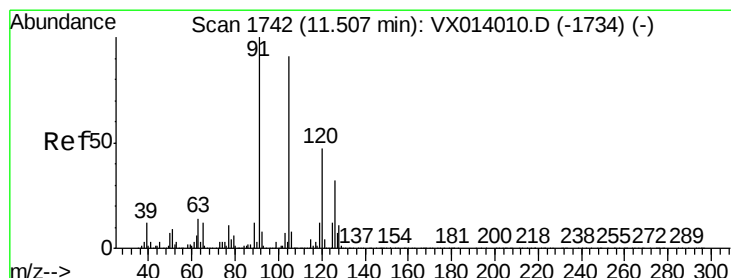
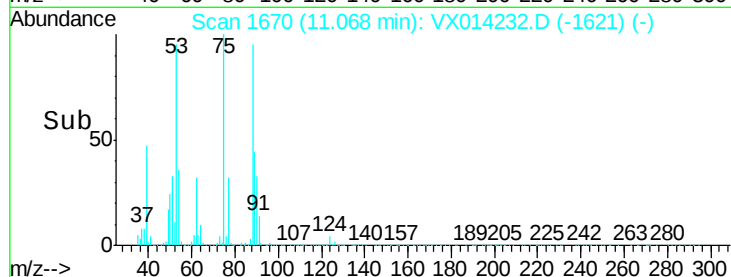
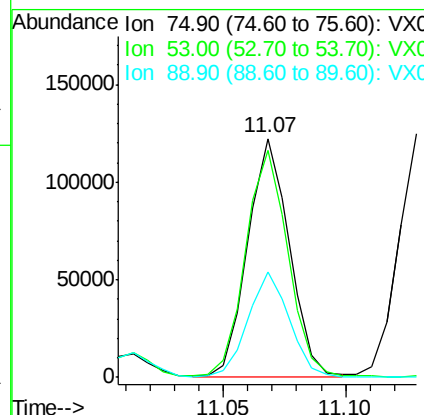
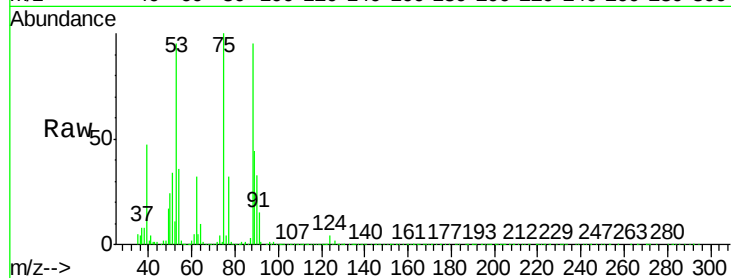
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	144690
Ion Ratio	Lower	Upper	
75	100		
53	96.2	76.7	115.1
89	43.9	34.6	51.8

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#82

4-Chlorotoluene

Concen: 51.335 ug/l

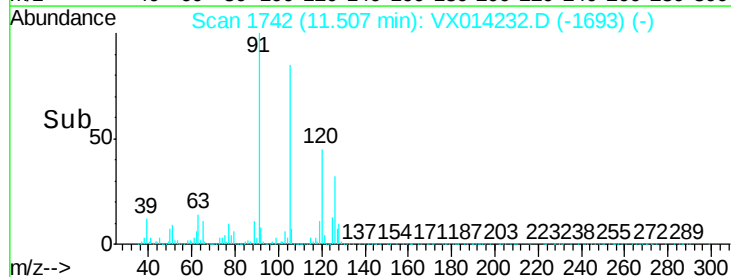
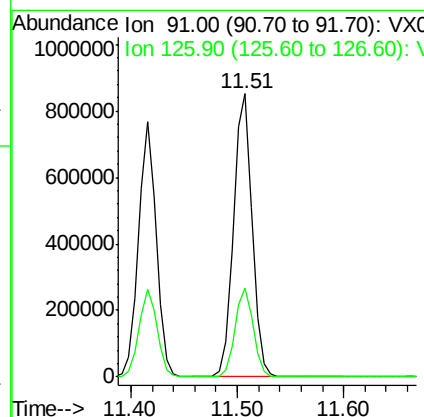
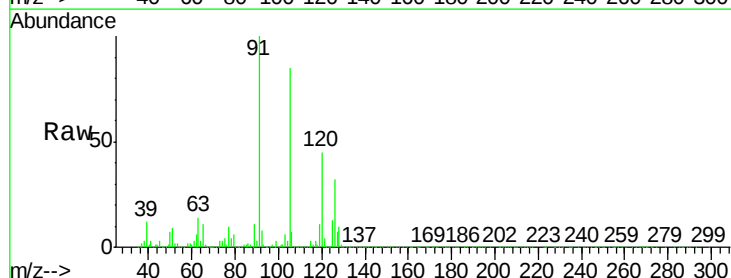
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	91	Resp:	1042921
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.6	46.8





#83

tert-Butylbenzene

Concen: 52.257 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

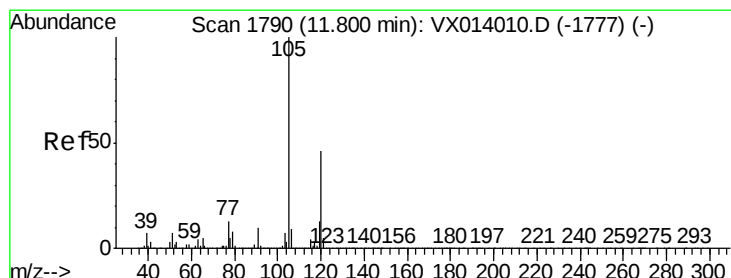
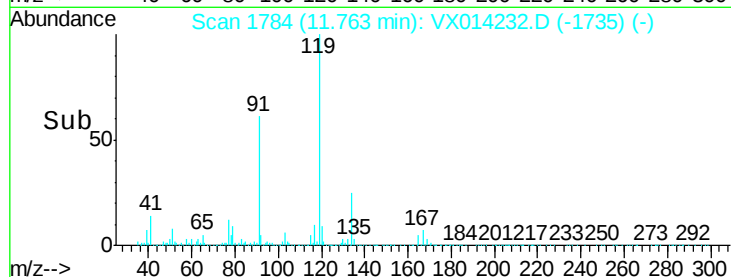
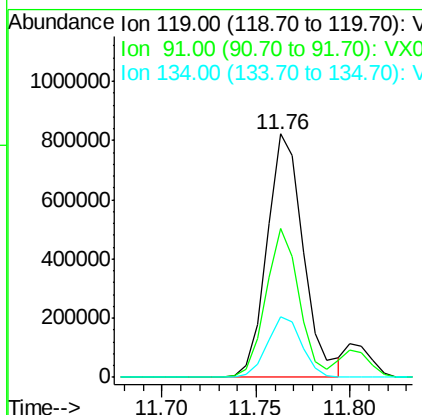
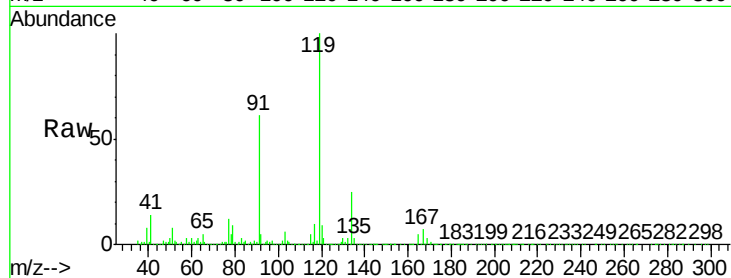
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1099381
Ion Ratio	Lower	Upper	
119	100		
91	55.9	28.5	85.6
134	23.8	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 52.352 ug/l

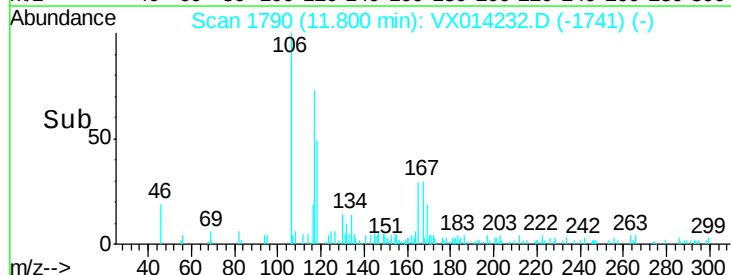
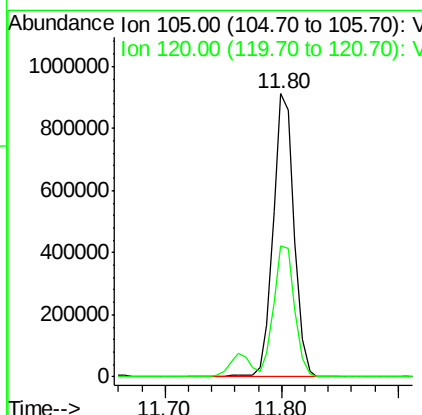
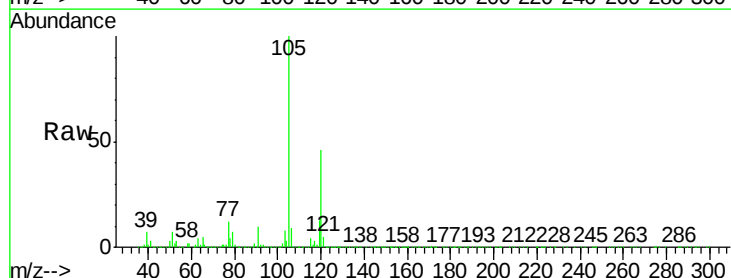
RT: 11.80 min Scan# 1790

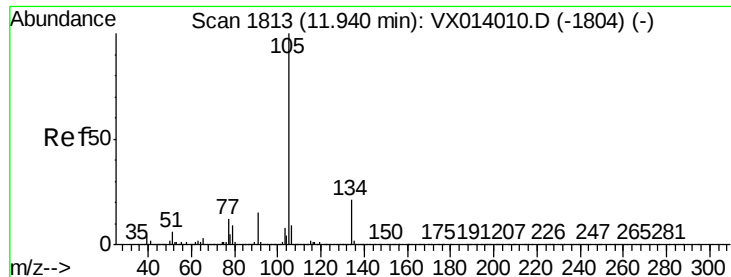
Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	105	Resp:	1133384
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 53.042 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1317333

Ion Ratio Lower Upper

105 100

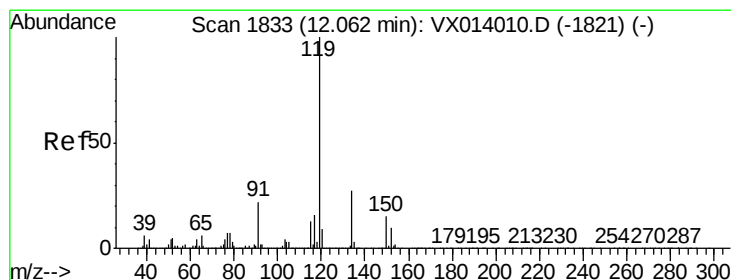
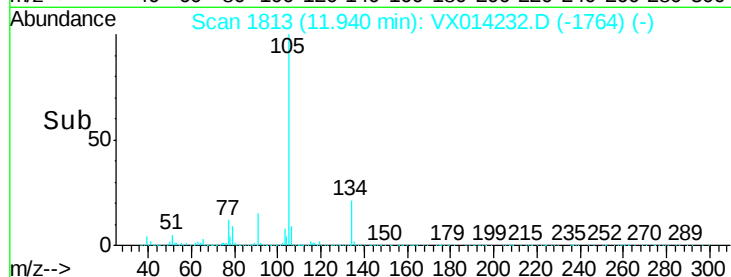
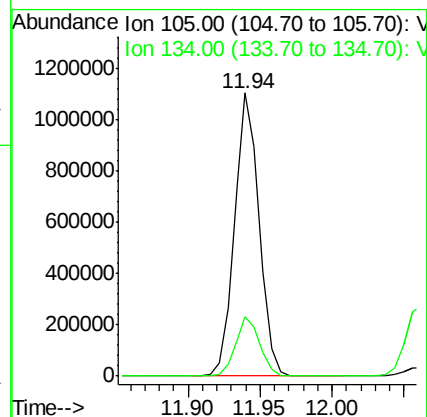
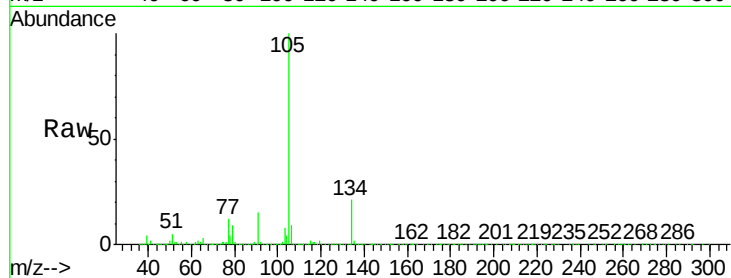
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 53.775 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

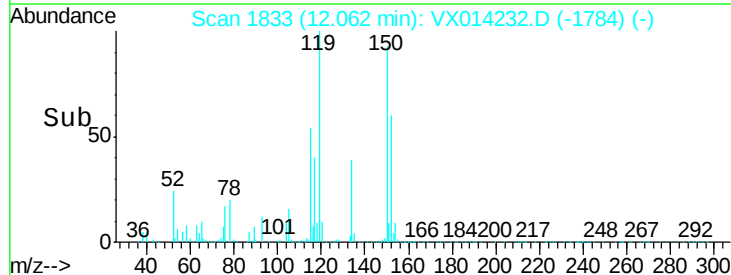
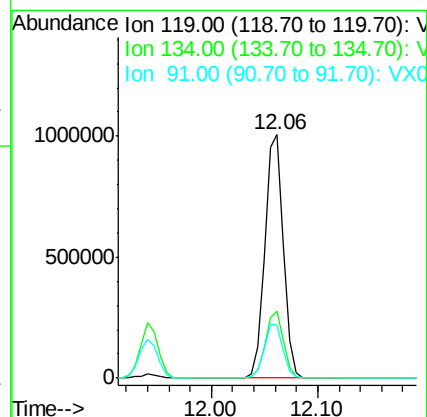
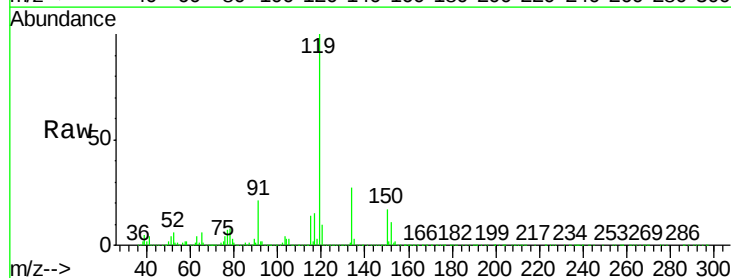
Tgt Ion:119 Resp: 1221673

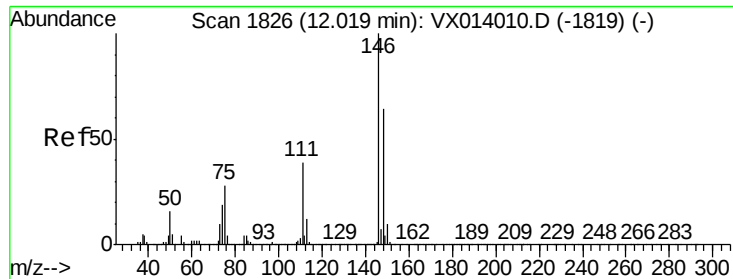
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.963 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

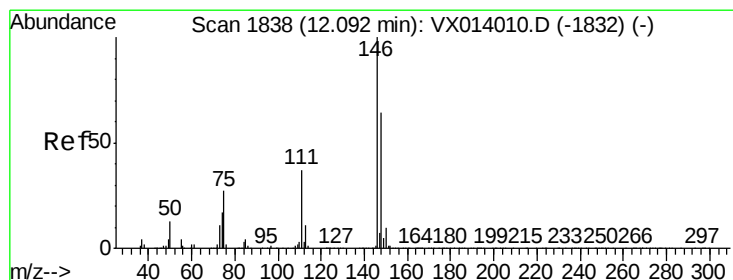
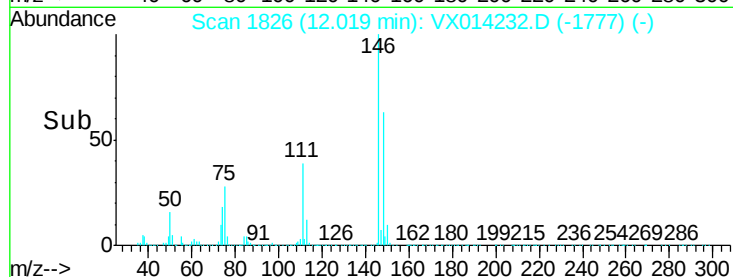
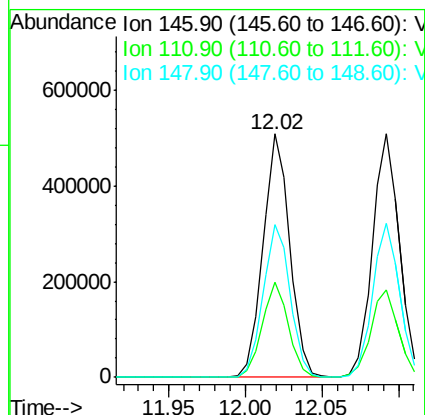
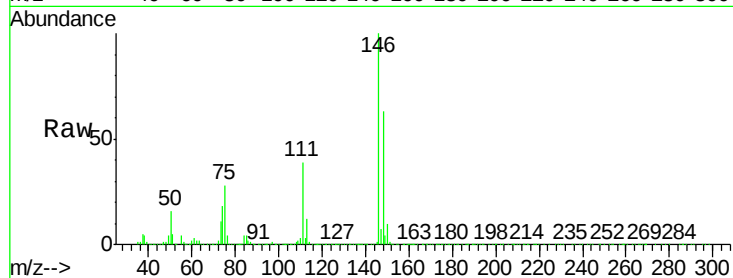
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.0	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 49.196 ug/l

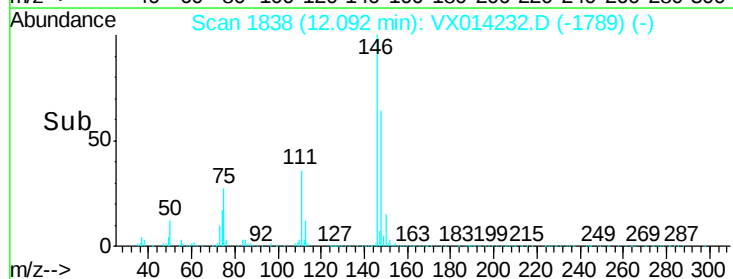
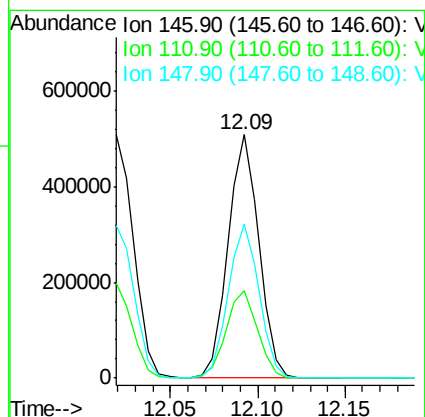
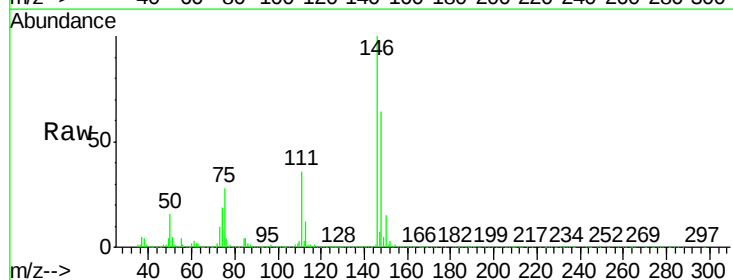
RT: 12.09 min Scan# 1838

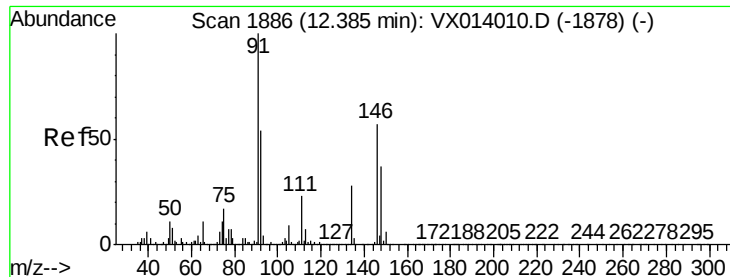
Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	63.6	31.9	95.9





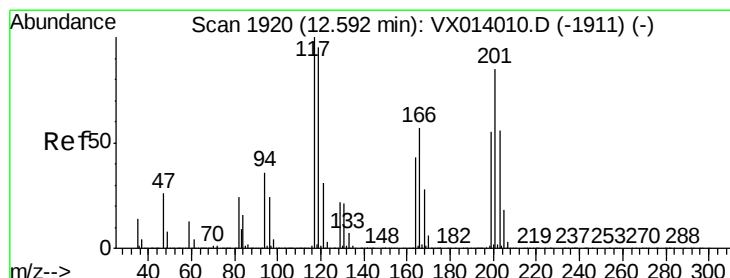
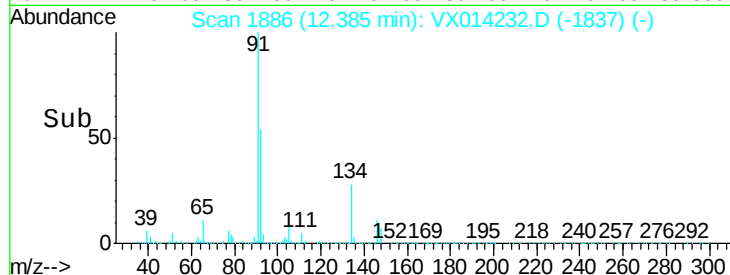
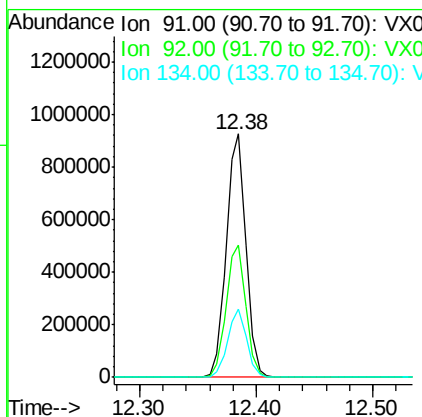
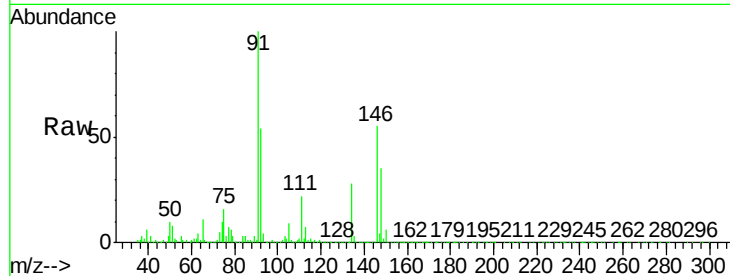
#89
n-Butylbenzene
Concen: 55.468 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1075223
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 27.1 13.4 40.1

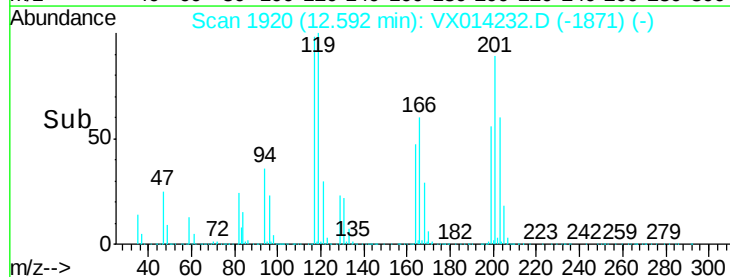
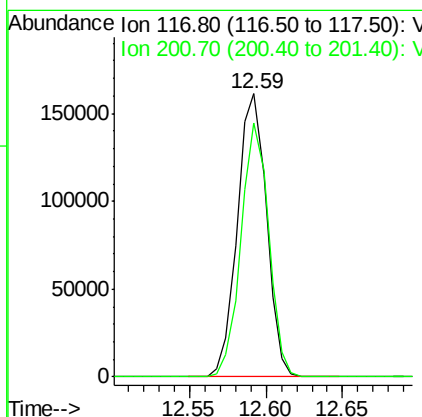
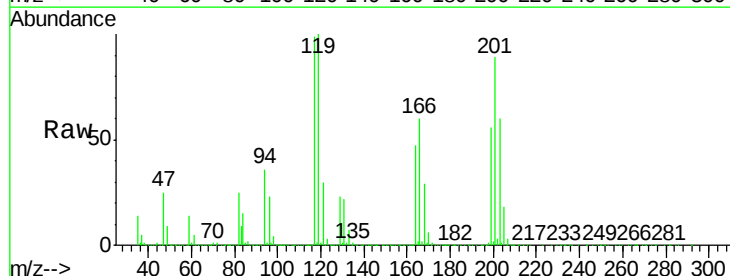
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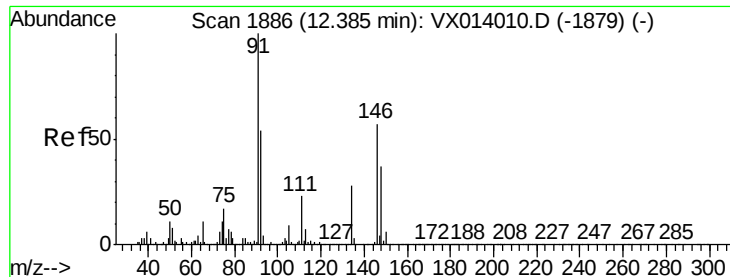
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#90
Hexachloroethane
Concen: 52.161 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion: 117 Resp: 212847
Ion Ratio Lower Upper
117 100
201 85.5 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 49.620 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

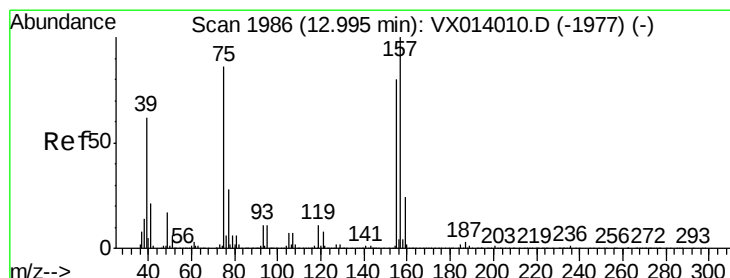
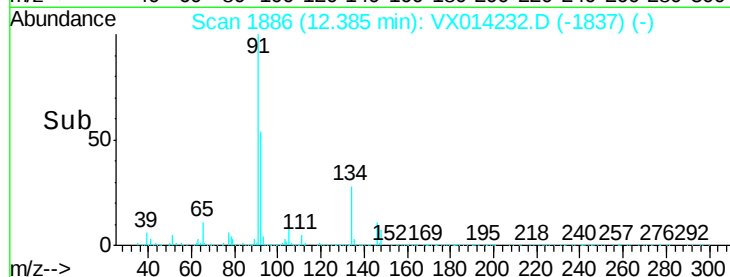
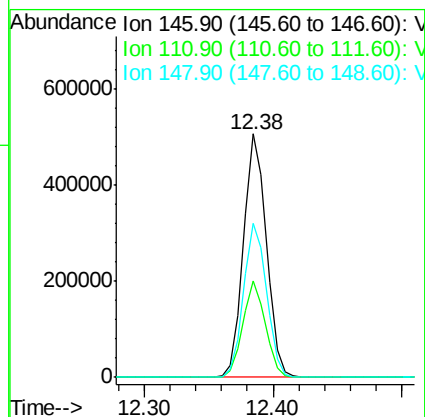
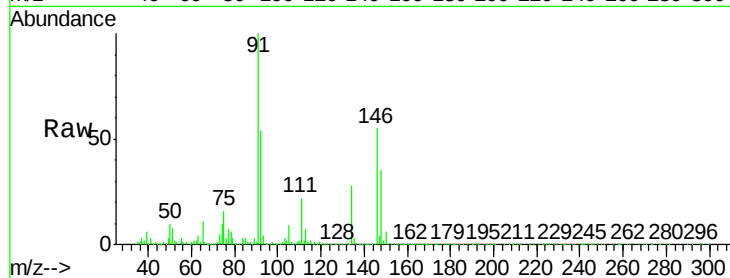
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	618701
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.7	59.1
148	63.7	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.116 ug/l

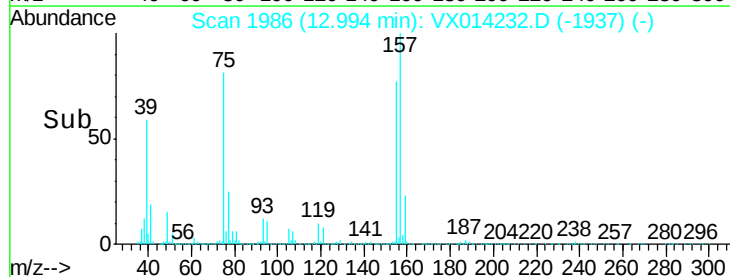
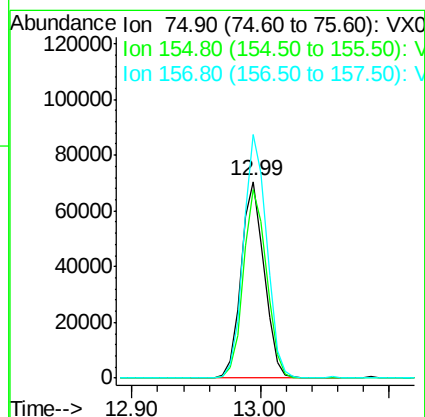
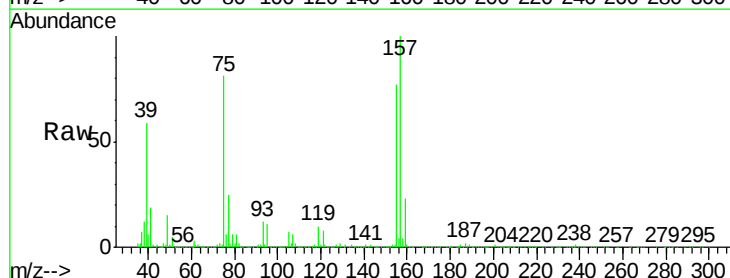
RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	75	Resp:	86939
Ion Ratio	Lower	Upper	
75	100		
155	96.7	46.9	140.6
157	124.1	60.8	182.4





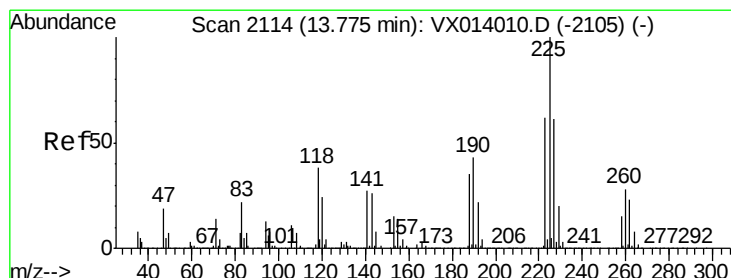
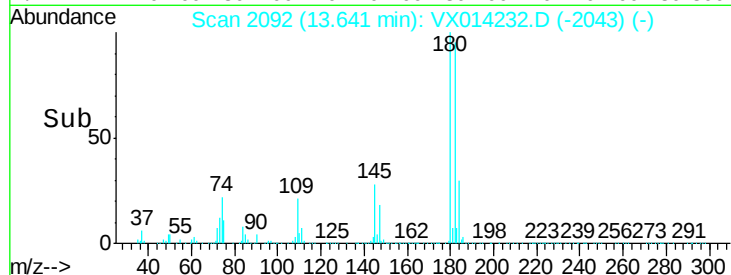
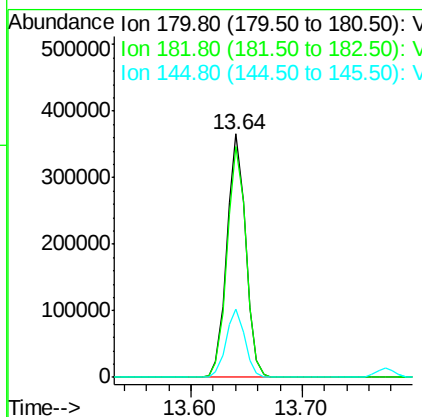
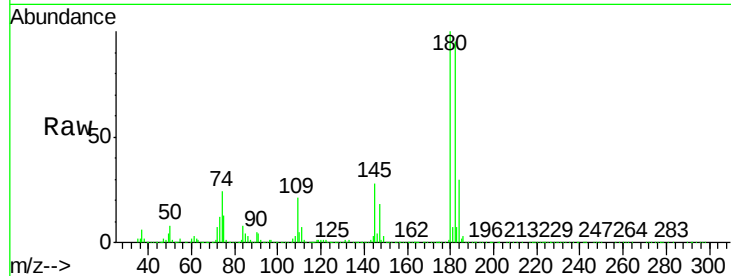
#93
1,2,4-Trichlorobenzene
Concen: 52.435 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	424939		
182	96.0	46.6	139.8	
145	28.1	14.2	42.6	

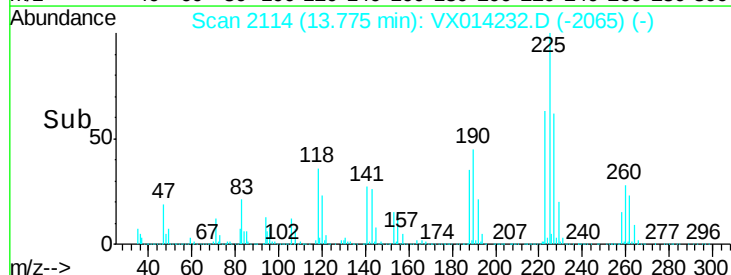
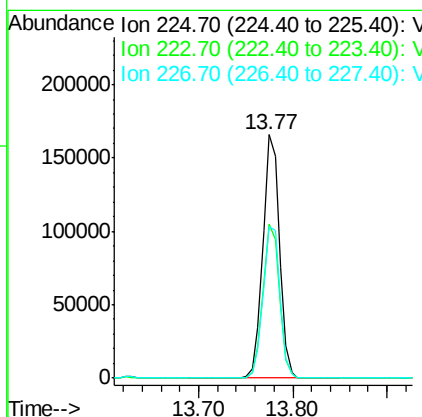
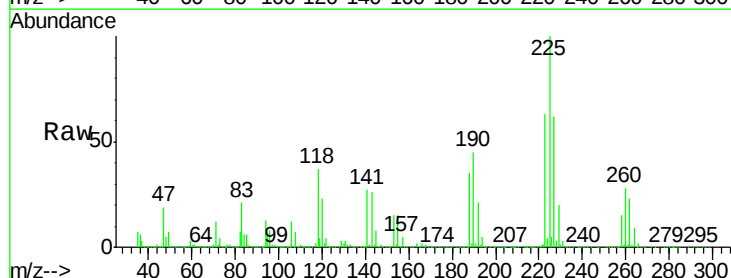
Manual Integrations
APPROVED

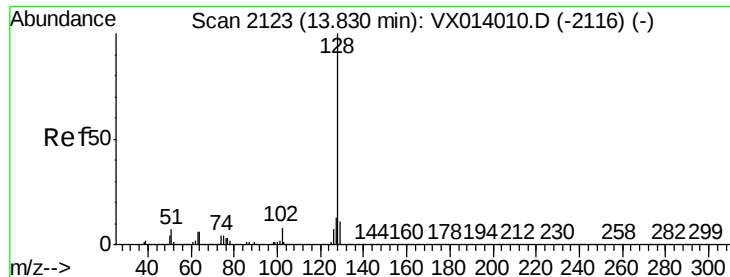
apatel
12/26/2019 9:24:17 AM



#94
Hexachlorobutadiene
Concen: 52.819 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014232.D
Acq: 24 Dec 2019 09:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	205721		
223	63.1	30.9	92.5	
227	63.8	30.9	92.7	





#95

Naphthalene

Concen: 51.478 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Instrument :

MSVOA_X

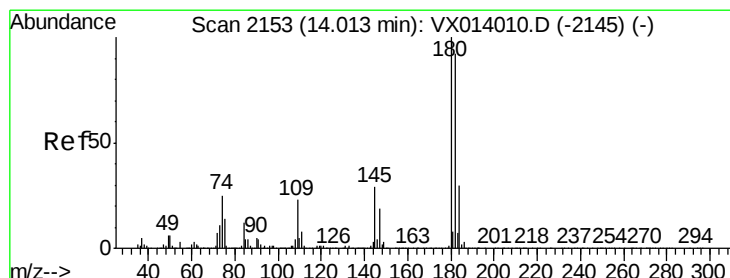
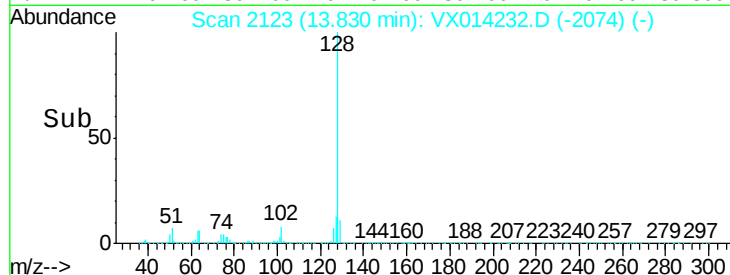
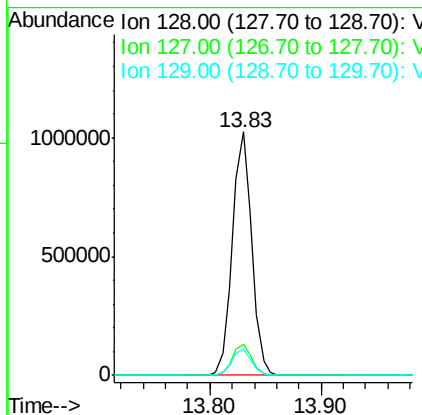
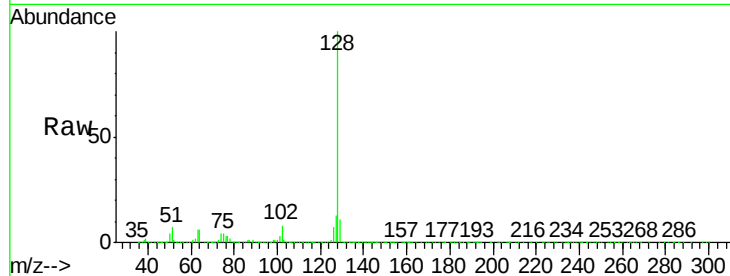
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1225726
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/26/2019 9:24:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.228 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014232.D

Acq: 24 Dec 2019 09:28

Tgt Ion:	180	Resp:	417828
Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.8	140.3
145	30.5	14.8	44.4

