

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014344.D
 Acq On : 30 Dec 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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 12/31/2019 9:32:29 AM

Quant Time: Dec 31 04:45:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	96774	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	552779	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	495553	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	208845	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	239694	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	677100	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.19	85	91027	18.621	ug/l	99
3) Chloromethane	1.32	50	130433	18.931	ug/l	96
4) Vinyl Chloride	1.40	62	135346	19.163	ug/l	99
5) Bromomethane	1.63	94	83000	16.075	ug/l	99
6) Chloroethane	1.72	64	90358	20.711	ug/l	97
7) Trichlorofluoromethane	1.92	101	170838	19.438	ug/l	96
8) Diethyl Ether	2.18	74	76297	18.887	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105371	20.102	ug/l	99
10) 1,1-Dichloroethene	2.37	96	103706	19.137	ug/l	97
11) Methyl Iodide	2.50	142	110758	15.877	ug/l	98
12) Methyl Acetate	2.76	43	157750	18.804	ug/l	98
13) Acrolein	2.28	56	121752	119.656	ug/l	97
14) Acrylonitrile	3.13	53	310334	94.625	ug/l	99
15) Acetone	2.43	58	119719	124.263	ug/l	90
16) Carbon Disulfide	2.56	76	291516	19.858	ug/l	97
17) Allyl chloride	2.72	41	194674	19.992	ug/l	99
18) Methylene Chloride	2.84	84	119102	17.937	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	112688	18.990	ug/l	98
20) Diisopropyl ether	3.84	45	393820	19.710	ug/l	93
21) 1,1-Dichloroethane	3.69	63	205569	18.956	ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	128098	18.621	ug/l	97
23) tert-Butyl Alcohol	3.02	59	128550	99.933	ug/l #	100
24) Methyl tert-Butyl Ether	3.18	73	343571	18.768	ug/l	99
25) Chloroform	5.20	83	197208	19.074	ug/l	99
26) Cyclohexane	5.56	56	190483	19.699	ug/l #	98
29) 1,1-Dichloropropene	5.79	75	154444	19.343	ug/l	98
30) 2-Butanone	4.65	43	494610	105.094	ug/l	99
31) 2,2-Dichloropropane	4.57	77	163900	22.191	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	162314	18.379	ug/l	99
33) Carbon Tetrachloride	5.77	117	141447	18.841	ug/l	100
34) Benzene	6.13	78	471666	18.944	ug/l	96
35) Methacrylonitrile	5.02	41	96607	19.086	ug/l	98
36) 1,2-Dichloroethane	6.18	62	158337m	18.308	ug/l	
37) Trichloroethene	7.20	130	122460	18.076	ug/l	87
38) Methylcyclohexane	7.45	83	195129	20.487	ug/l	98
39) 1,2-Dichloropropane	7.50	63	120101	18.573	ug/l	92
40) Dibromomethane	7.65	93	77430	18.744	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	151568	18.949	ug/l	97
42) Vinyl Acetate	3.80	43	1641442	98.786	ug/l	99
43) Ethyl Acetate	4.81	43	169959	18.820	ug/l	99
44) Isopropyl Acetate	6.43	43	281395	18.604	ug/l	98
45) 1,4-Dioxane	7.73	88	55198	389.703	ug/l	98
46) Methyl methacrylate	7.76	41	137134	18.666	ug/l	95
47) n-amyl Acetate	10.89	43	240113	17.854	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	167601	19.198	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	188553	19.205	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	118350	18.564	ug/l	97
51) Ethyl methacrylate	9.17	69	179733	17.724	ug/l	99
52) 1,3-Dichloropropane	9.36	76	201616	18.614	ug/l	99
53) Dibromochloromethane	9.57	129	117800	18.479	ug/l	100
54) 1,2-Dibromoethane	9.67	107	122815	18.710	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	381034	85.238	ug/l	99
56) Bromoform	10.85	173	88937	17.890	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	878511	94.749	ug/l	99
59) 2-Hexanone	9.48	43	700983	99.621	ug/l	99
61) Tetrachloroethene	9.33	164	131437	20.049	ug/l	98
62) Toluene	8.78	91	505267	19.171	ug/l	99
64) Chlorobenzene	10.14	112	308482	18.682	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	113837	18.618	ug/l	100
66) Ethyl Benzene	10.25	91	552574	19.158	ug/l	98
67) m/p-Xylenes	10.36	106	417965	37.908	ug/l	99
68) o-Xylene	10.69	106	200662	18.371	ug/l	100
69) Styrene	10.71	104	341817	18.402	ug/l	99
70) Isopropylbenzene	11.01	105	534725	18.944	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	176451	17.627	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	148867m	16.708	ug/l	
73) Bromobenzene	11.25	156	137521	18.251	ug/l	99
74) n-propylbenzene	11.35	91	620902	19.394	ug/l	99
75) 2-Chlorotoluene	11.42	91	367977	19.022	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	446990	18.668	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	57775	19.636	ug/l	95
78) 4-Chlorotoluene	11.51	91	415370	18.791	ug/l	99
79) tert-butylbenzene	11.76	119	419618	18.181	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	442160	18.467	ug/l	99
81) sec-Butylbenzene	11.94	105	528638	19.257	ug/l	100
82) p-Isopropyltoluene	12.06	119	474560	19.156	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	241588	18.395	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	243161	18.593	ug/l	99
85) n-Butylbenzene	12.39	91	411196	19.741	ug/l	99
86) Hexachloroethane	12.59	117	81755	18.191	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	244027	18.293	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	35064	17.575	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	160821	18.863	ug/l	98
90) Hexachlorobutadiene	13.78	225	81678	20.155	ug/l	98
91) Naphthalene	13.83	128	470841	18.374	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	159045	18.392	ug/l	99

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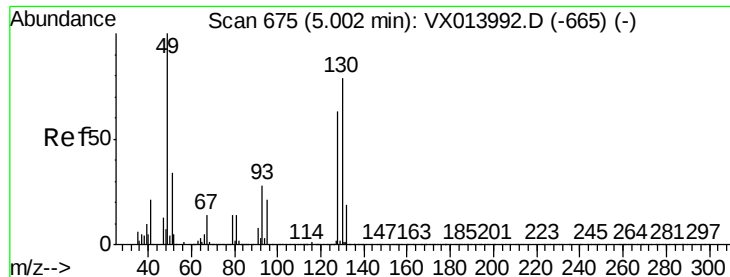
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

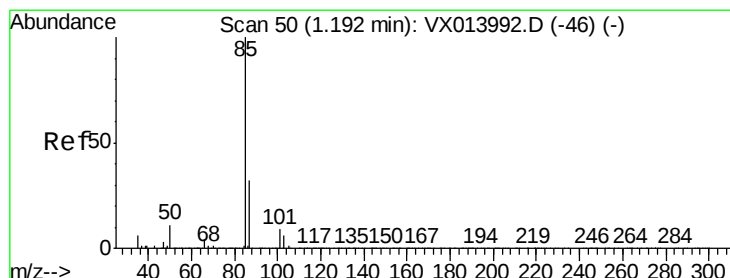
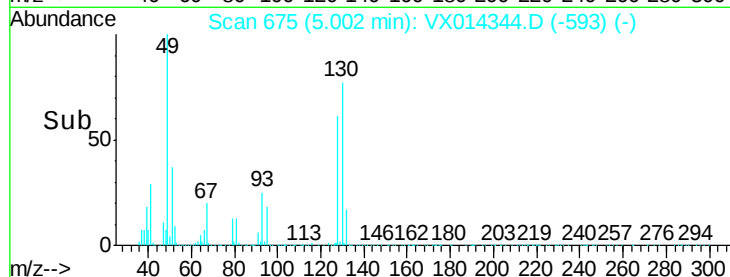
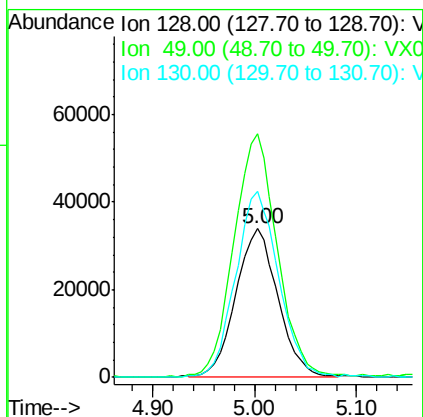
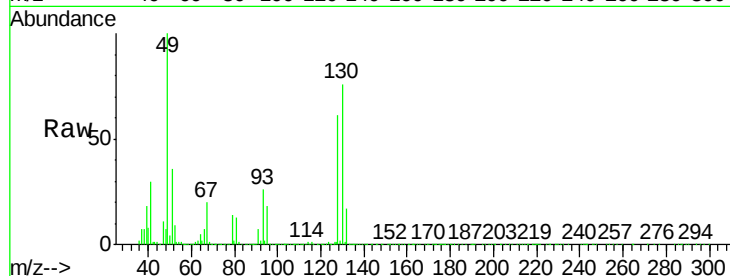
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	96774
Ion	Ratio	Lower	Upper
128	100		
49	168.4	0.0	405.0
130	127.7	0.0	321.5

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#2

Dichlorodifluoromethane

Concen: 18.621 ug/l

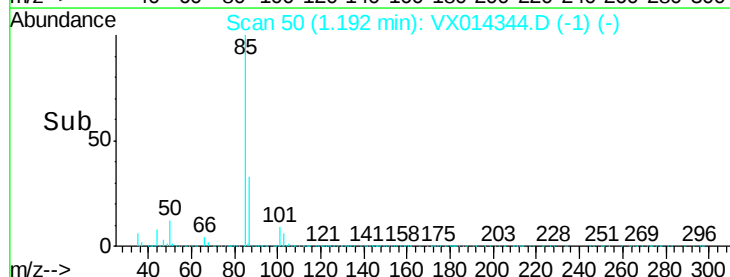
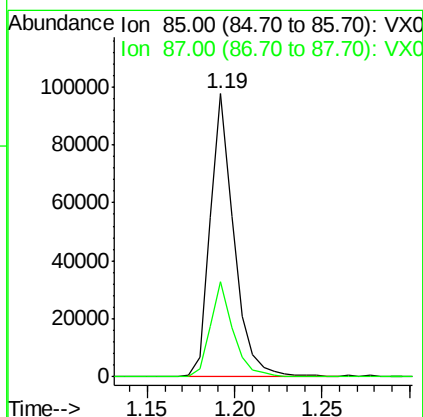
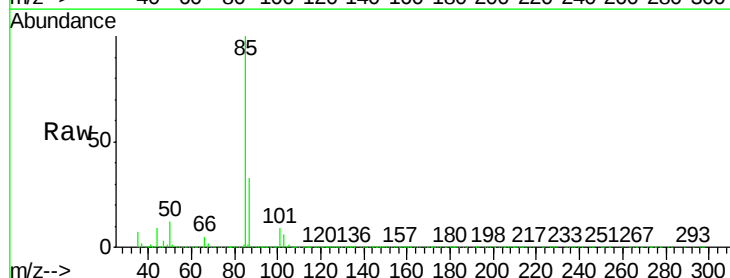
RT: 1.19 min Scan# 50

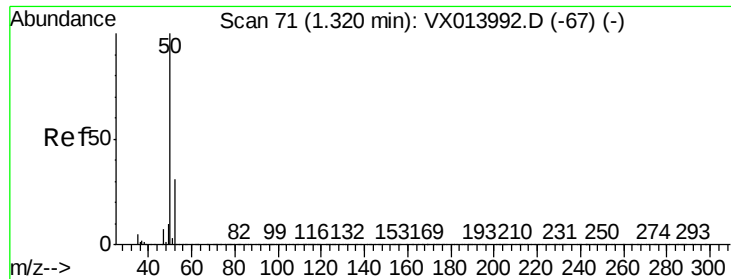
Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	85	Resp:	91027
Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.3	48.9





#3

Chloromethane

Concen: 18.931 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 130433

Ion Ratio Lower Upper

50 100

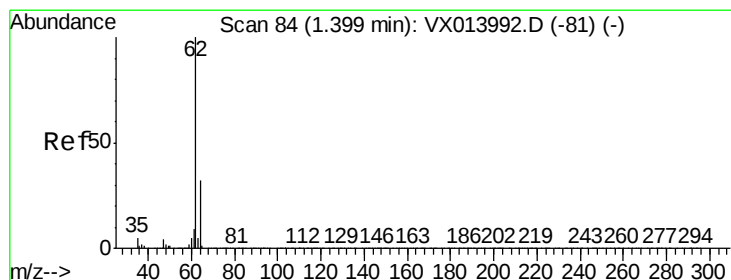
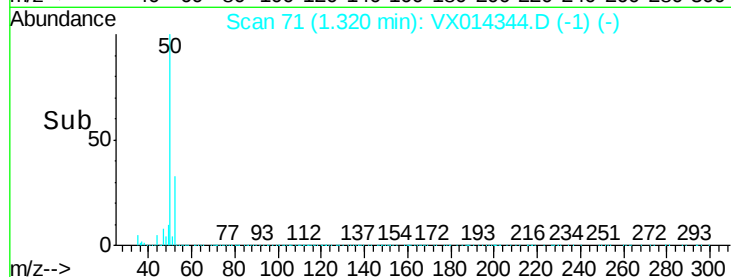
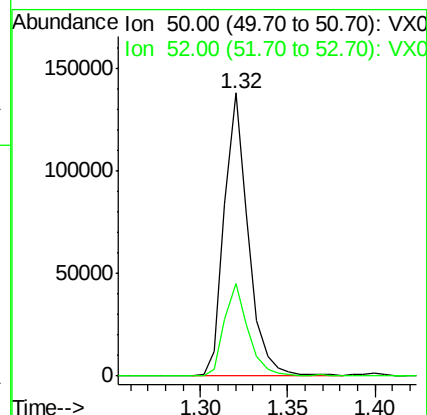
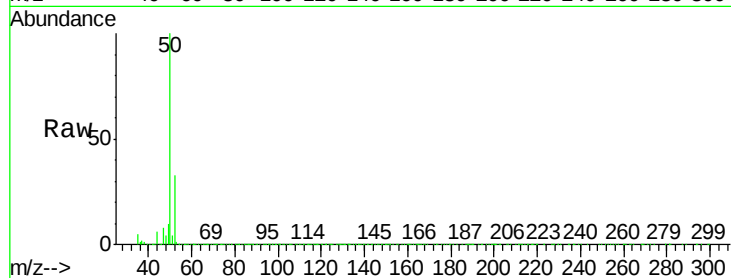
52 32.4 24.3 36.5

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#4

Vinyl Chloride

Concen: 19.163 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014344.D

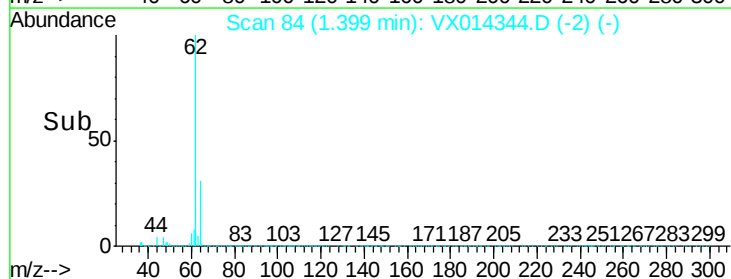
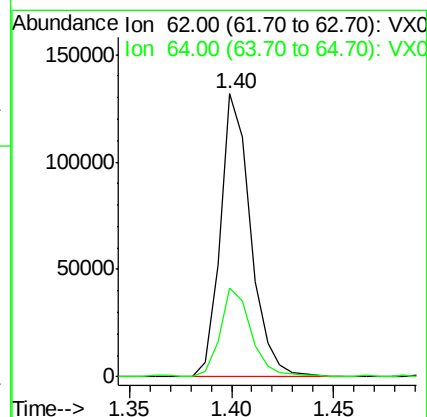
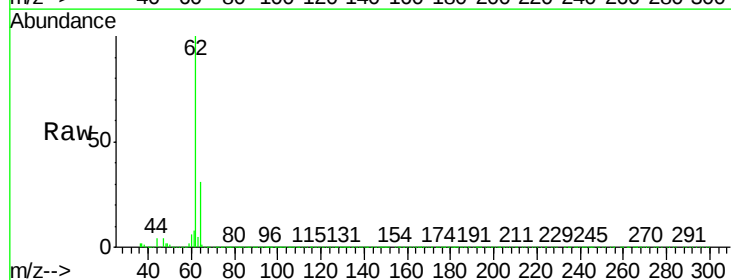
Acq: 30 Dec 2019 10:22

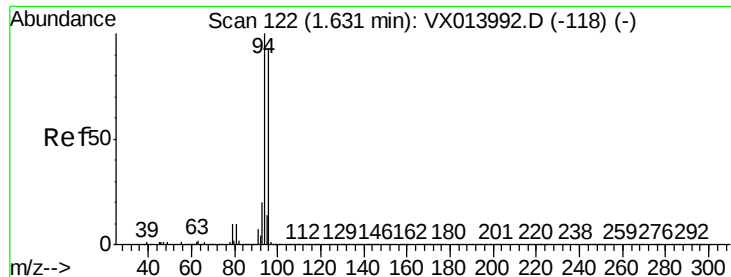
Tgt Ion: 62 Resp: 135346

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 16.075 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 83000

Ion Ratio Lower Upper

94 100

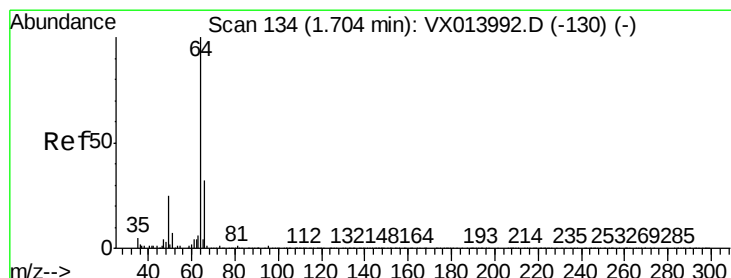
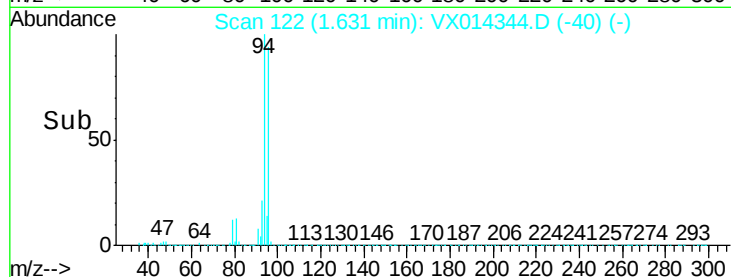
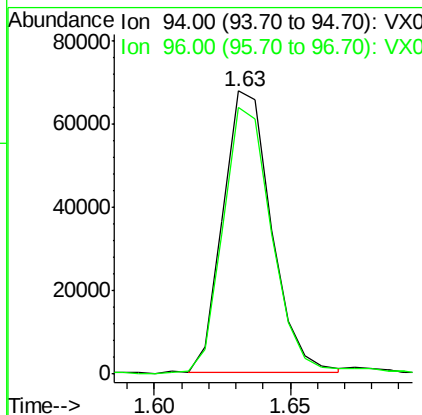
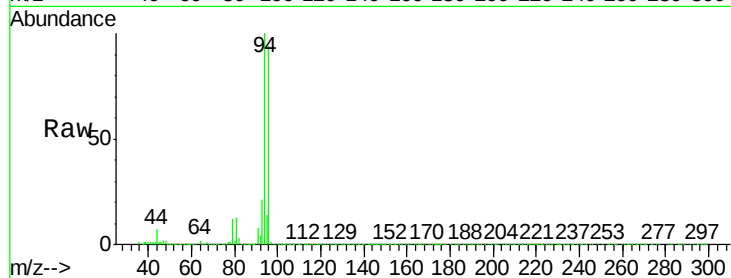
96 93.9 74.4 111.6

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#6

Chloroethane

Concen: 20.711 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014344.D

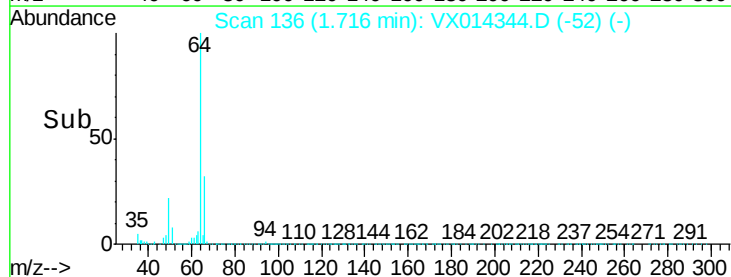
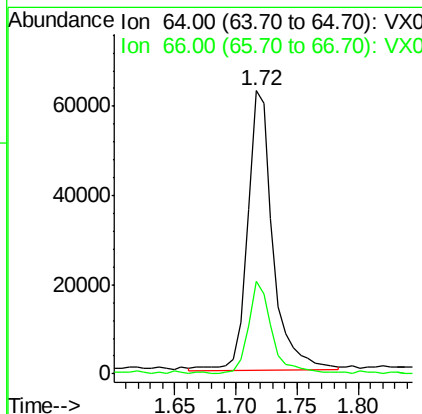
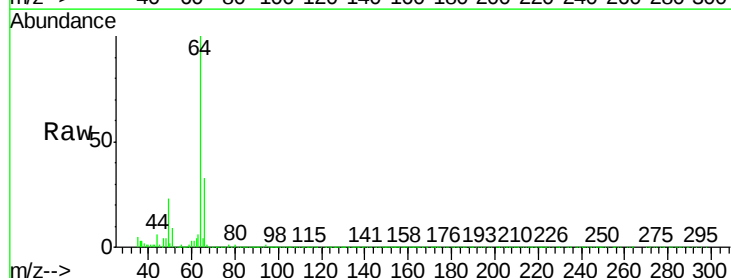
Acq: 30 Dec 2019 10:22

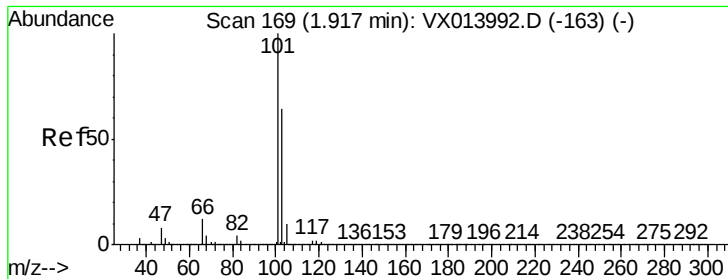
Tgt Ion: 64 Resp: 90358

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8





#7

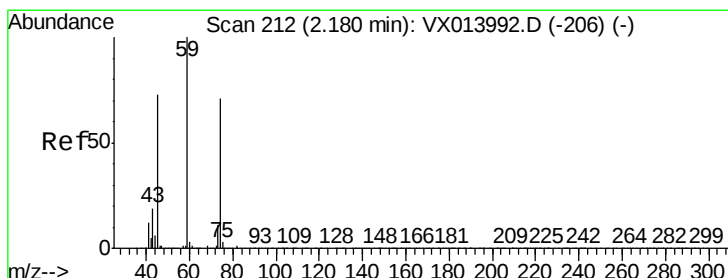
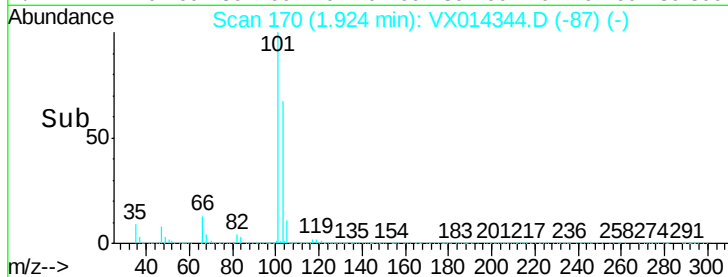
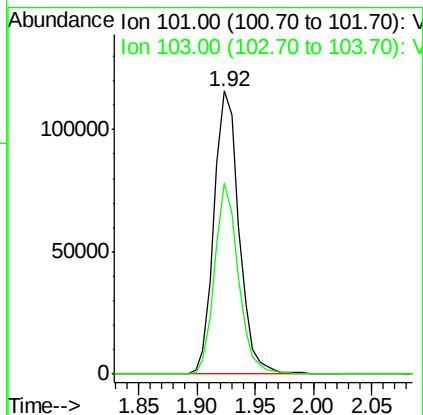
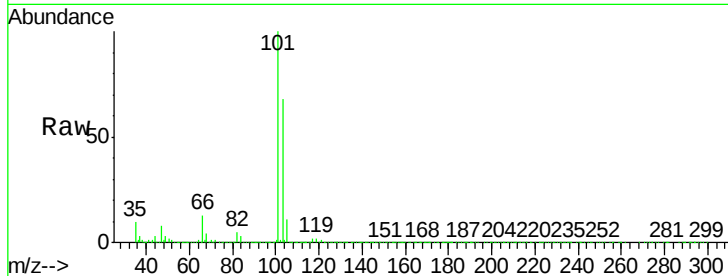
Trichlorofluoromethane
Concen: 19.438 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	51.6	77.4

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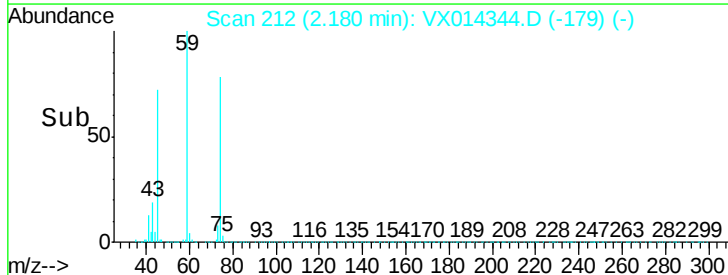
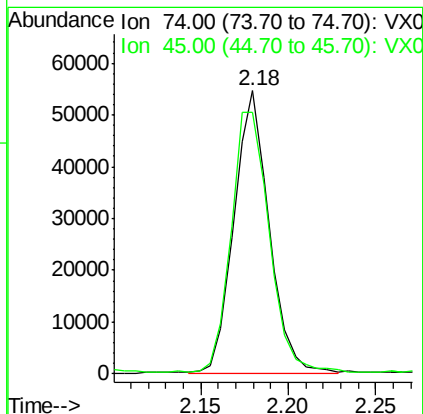
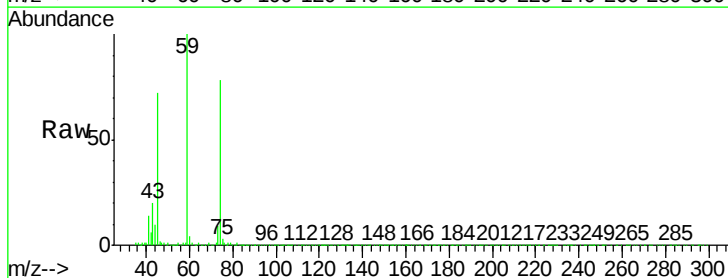
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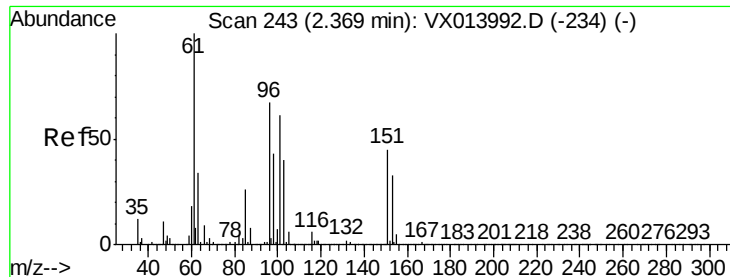


#8

Diethyl Ether
Concen: 18.887 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.102 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

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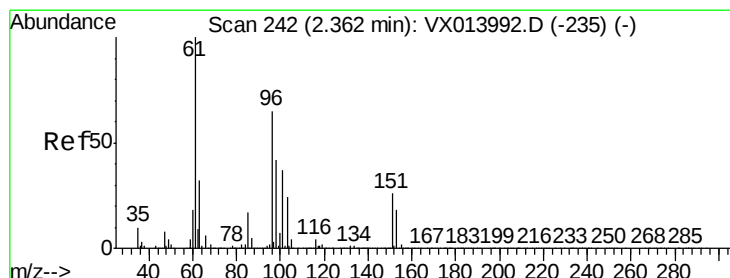
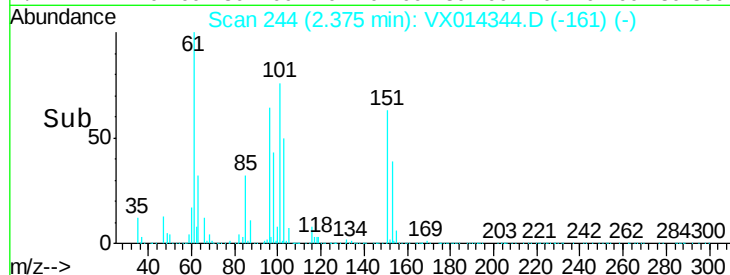
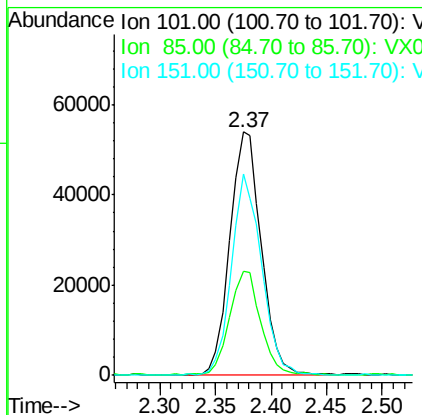
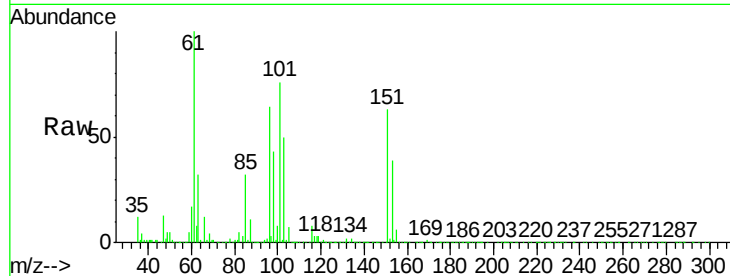
ClientSampleId :

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Tot Ion:	101	Resp:	105371
Ion Ratio	Lower	Upper	
101	100		
85	41.8	0.0	85.6
151	79.0	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.137 ug/l

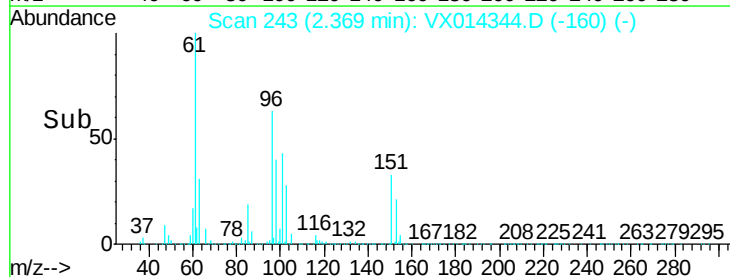
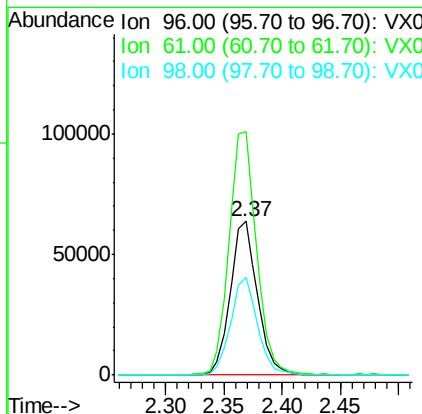
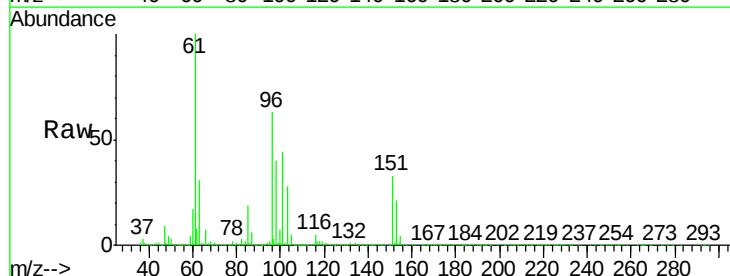
RT: 2.37 min Scan# 243

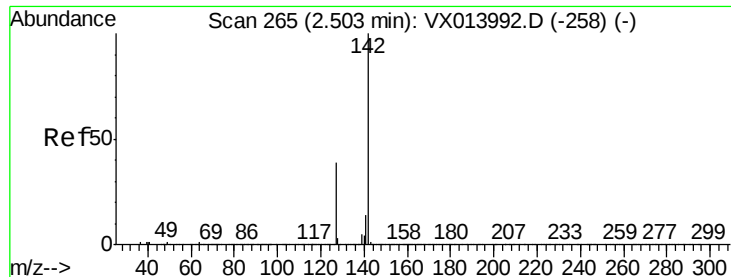
Delta R.T. 0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	96	Resp:	103706
Ion Ratio	Lower	Upper	
96	100		
61	158.6	123.0	184.6
98	63.6	51.4	77.0





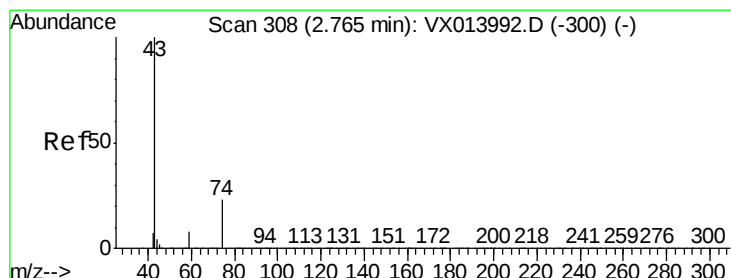
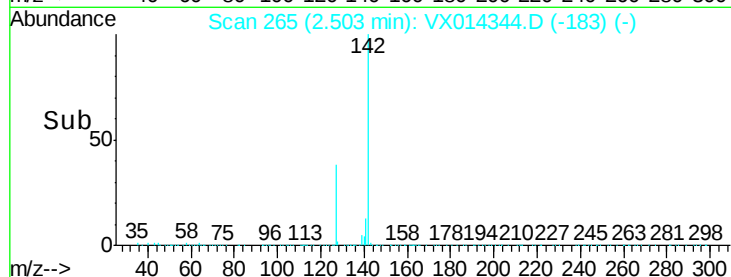
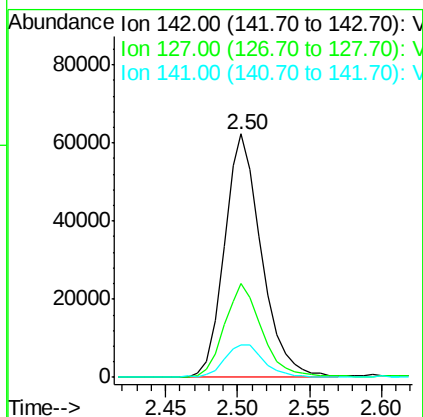
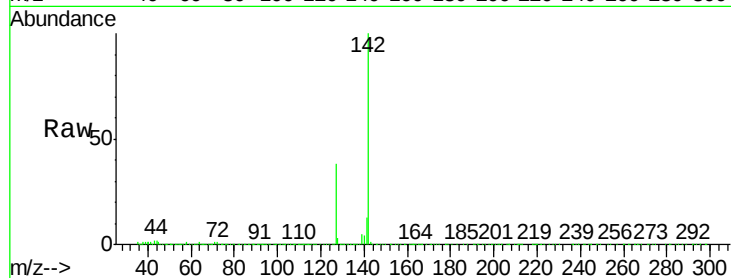
#11
Methvl Iodide
Concen: 15.877 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.1	19.5	58.5
141	12.9	7.0	20.9

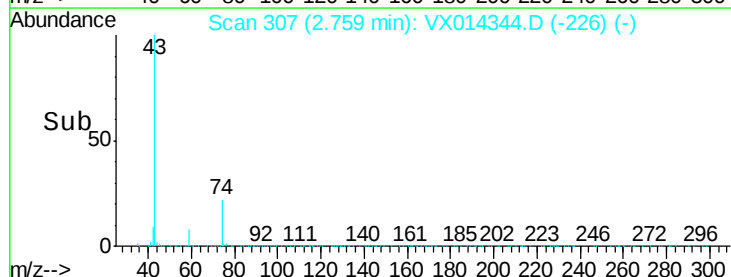
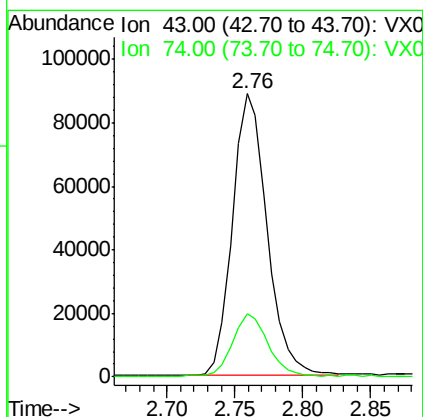
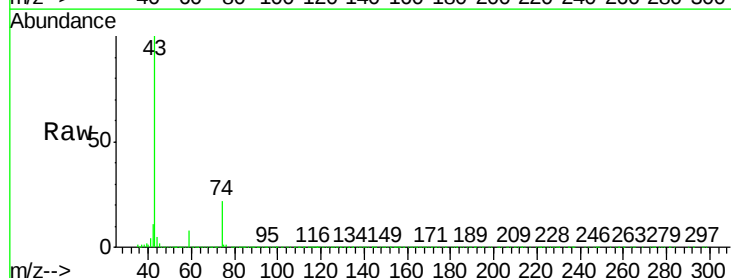
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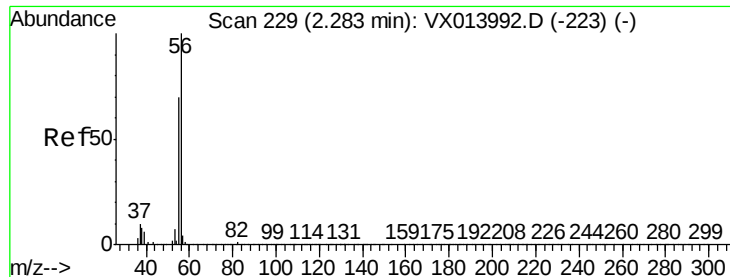
apatel
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#12
Methyl Acetate
Concen: 18.804 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.5	27.7





#13

Acrolein

Concen: 119.656 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 121752

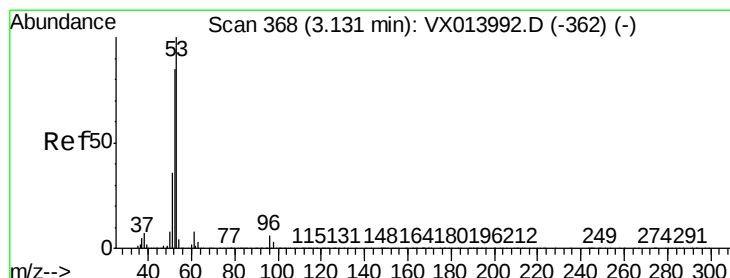
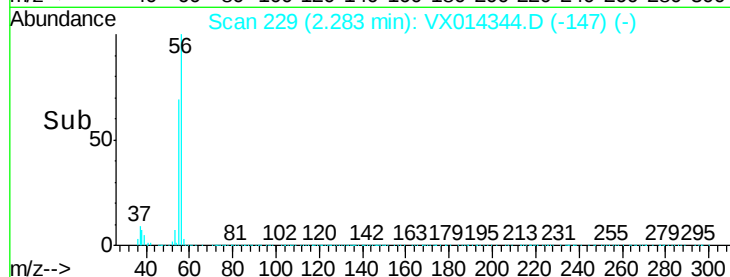
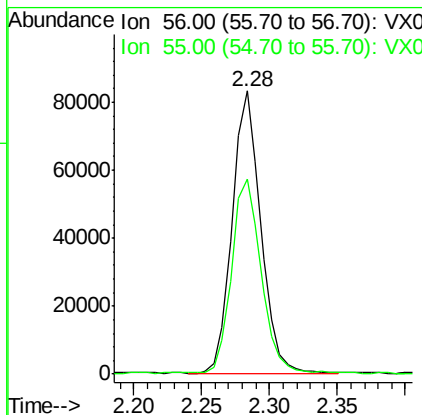
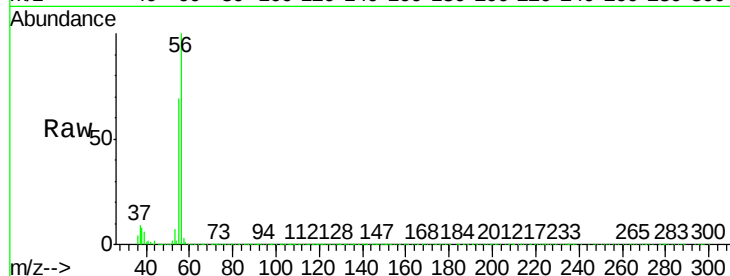
Ion Ratio Lower Upper

56 100

55 70.9 54.9 82.3

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#14

Acrylonitrile

Concen: 94.625 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

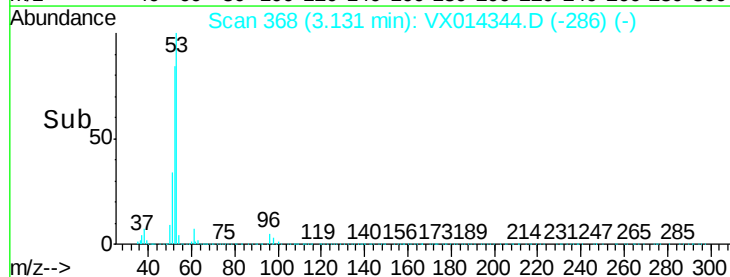
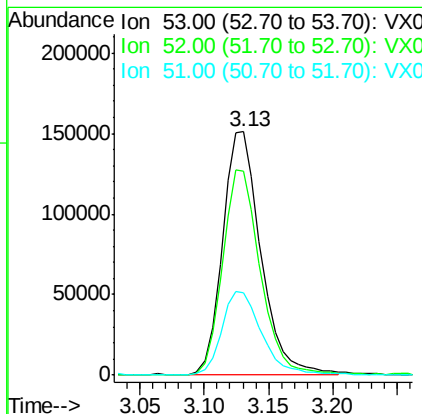
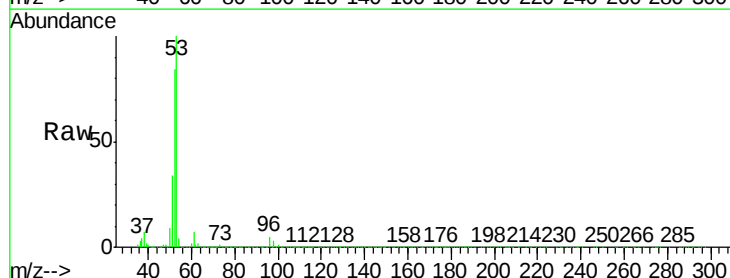
Tgt Ion: 53 Resp: 310334

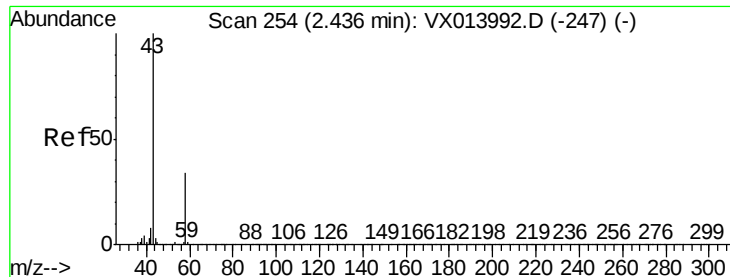
Ion Ratio Lower Upper

53 100

52 84.0 41.5 124.6

51 36.3 17.8 53.5





#15

Acetone

Concen: 124.263 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 119719

Ion Ratio Lower Upper

58 100

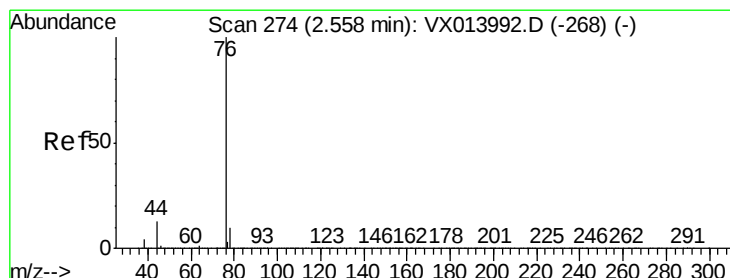
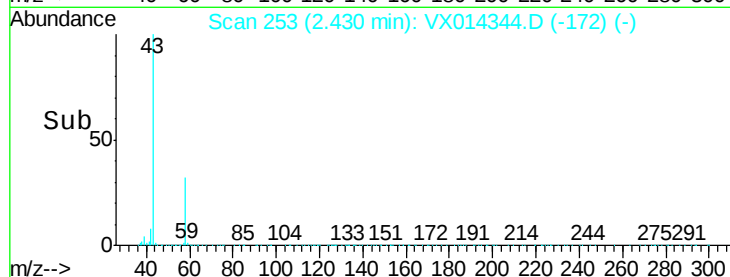
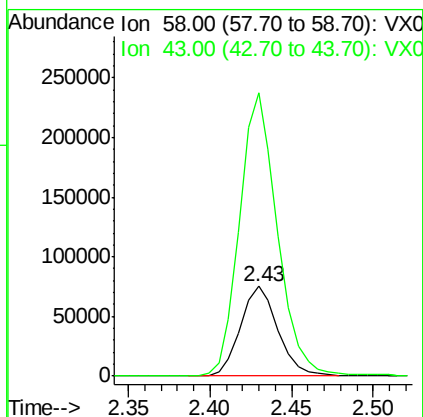
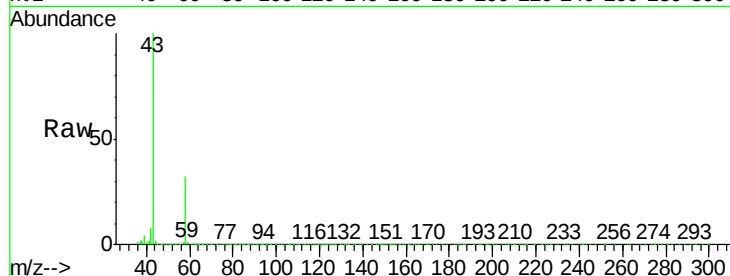
43 315.0 236.3 354.5

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#16

Carbon Disulfide

Concen: 19.858 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014344.D

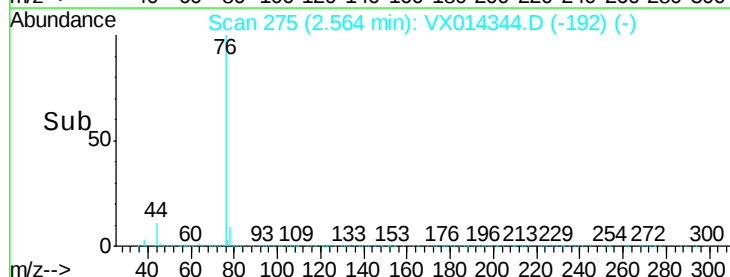
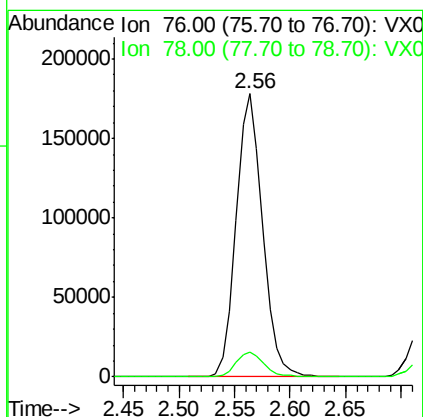
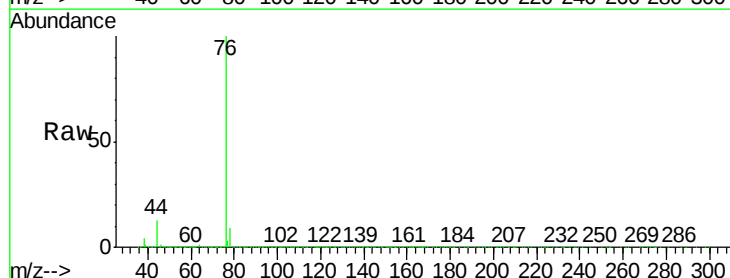
Acq: 30 Dec 2019 10:22

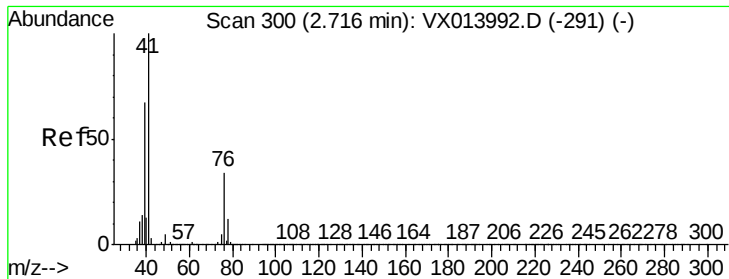
Tgt Ion: 76 Resp: 291516

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.8





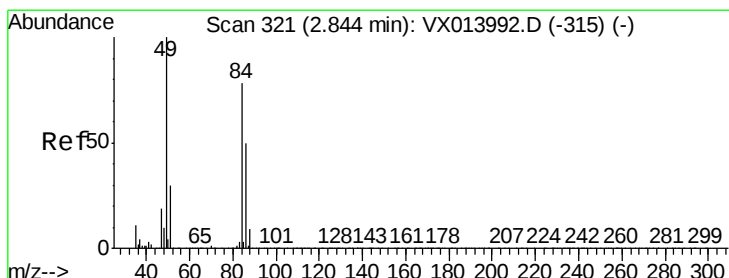
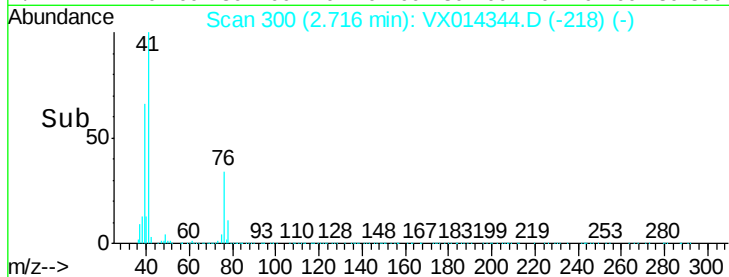
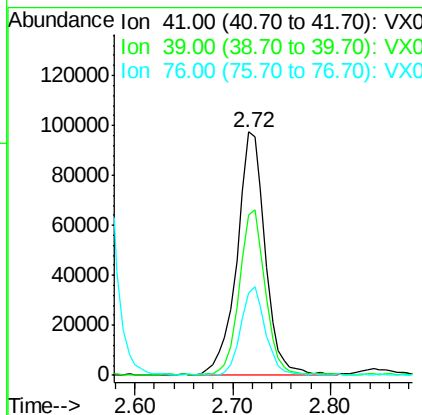
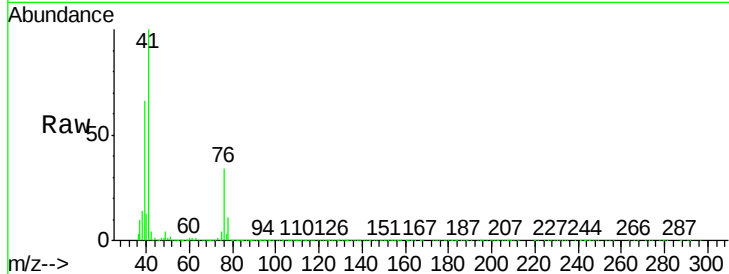
#17
Allvl chloride
Concen: 19.992 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	194674
Ion	Ratio	Lower	Upper
41	100		
39	65.4	33.4	100.2
76	33.5	17.0	50.9

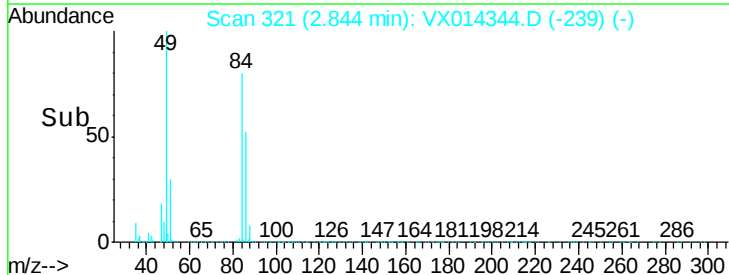
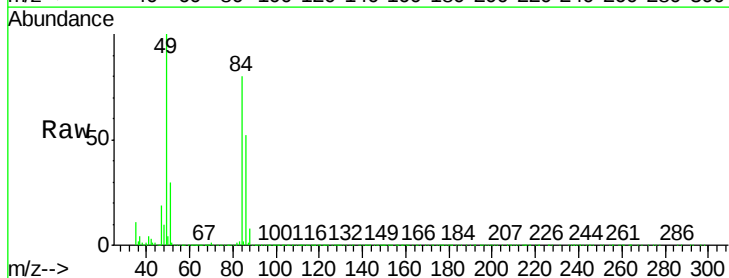
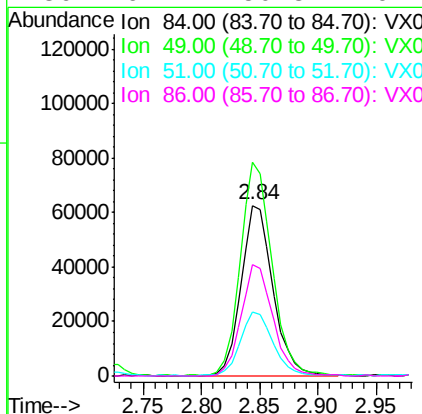
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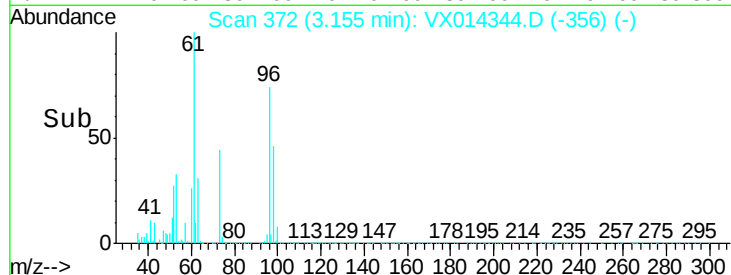
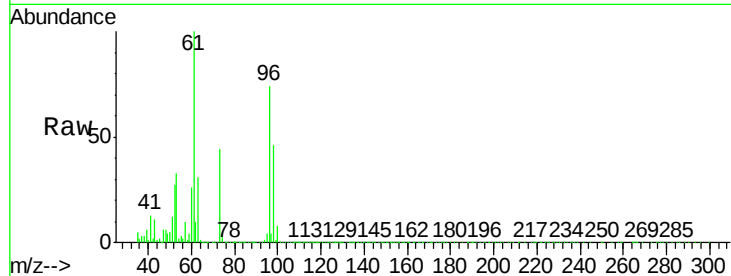
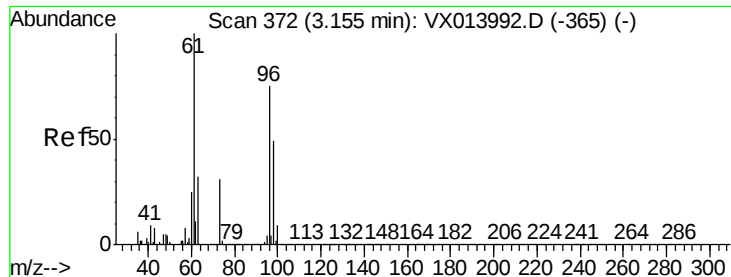
apatel
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#18
Methylene Chloride
Concen: 17.937 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion:	84	Resp:	119102
Ion	Ratio	Lower	Upper
84	100		
49	124.5	102.2	153.2
51	37.3	31.4	47.0
86	64.7	50.8	76.2





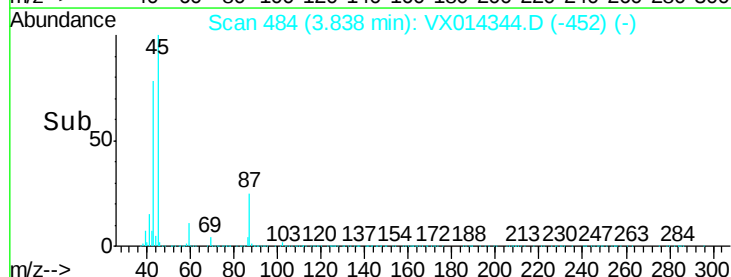
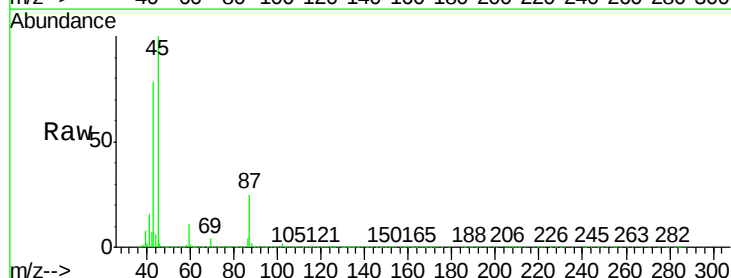
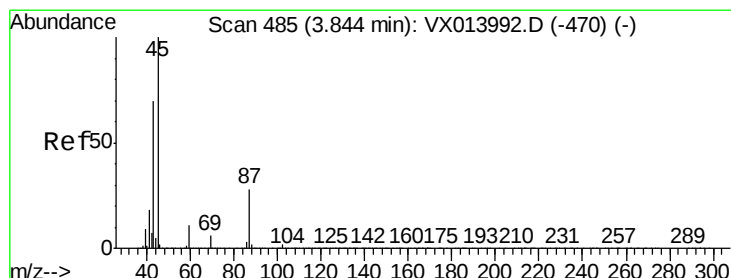
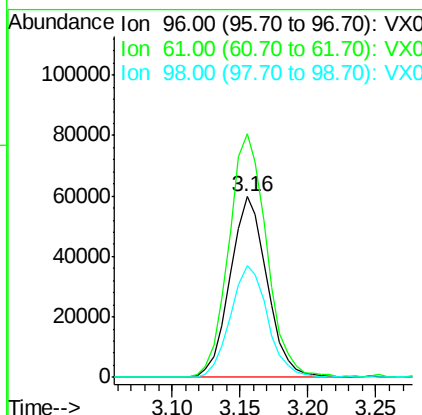
#19
trans-1,2-Dichloroethene
Concen: 18.990 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	106.6	159.8
98	61.7	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

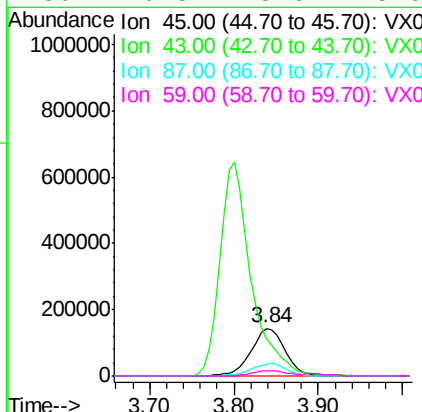
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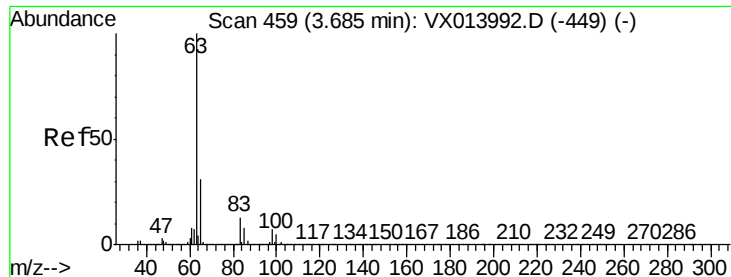
apatel
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#20
Diisopropyl ether
Concen: 19.710 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.7	55.9	83.9
87	25.1	22.2	33.2
59	10.8	8.6	13.0





#21

1,1-Dichloroethane

Concen: 18.956 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

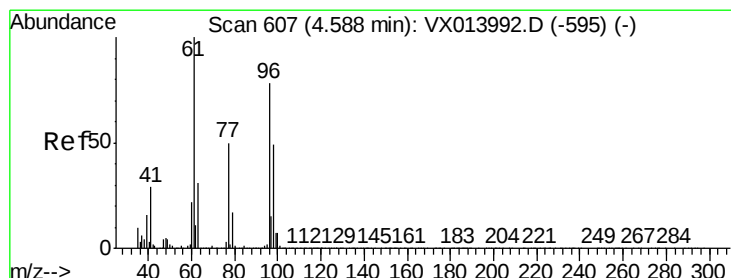
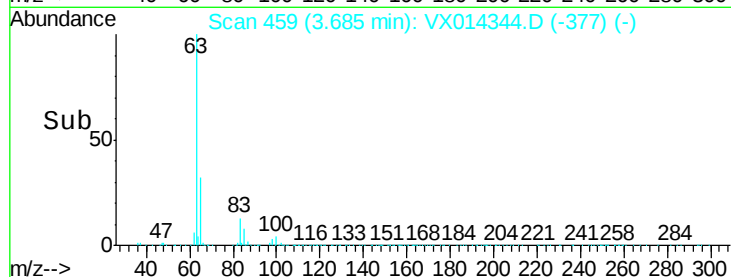
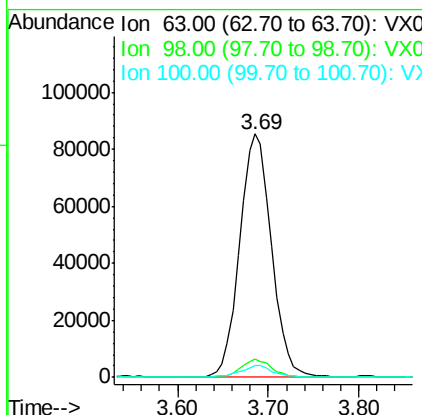
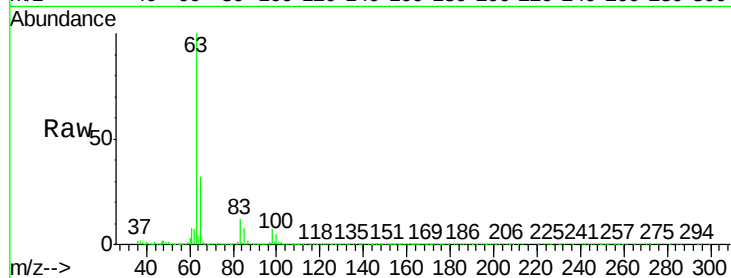
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	205569
Ion Ratio		Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.9	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 18.621 ug/l

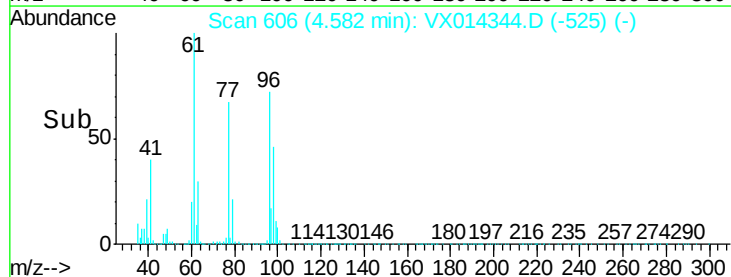
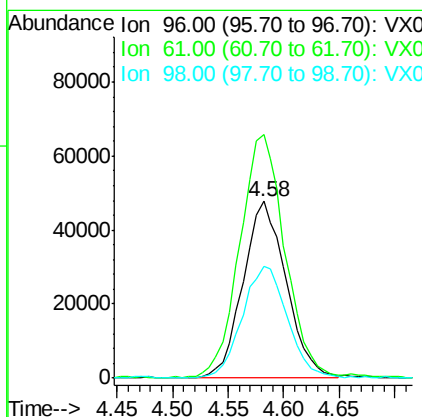
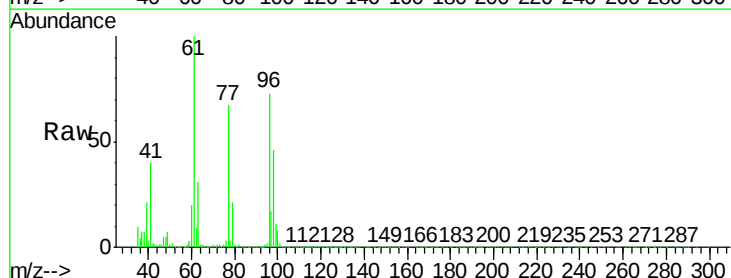
RT: 4.58 min Scan# 606

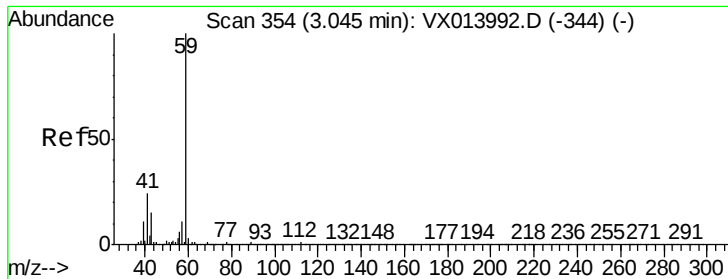
Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	96	Resp:	128098
Ion Ratio		Lower	Upper
96	100		
61	144.2	112.4	168.6
98	65.7	50.3	75.5





#23

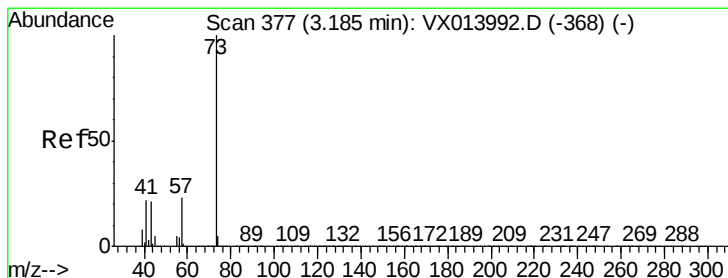
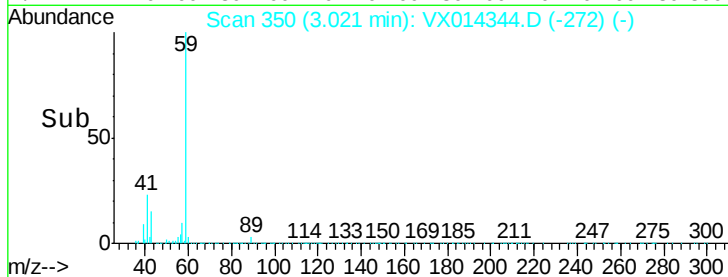
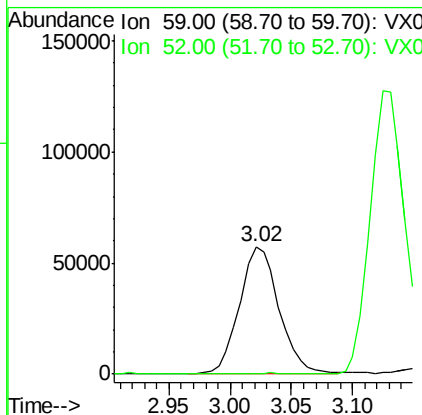
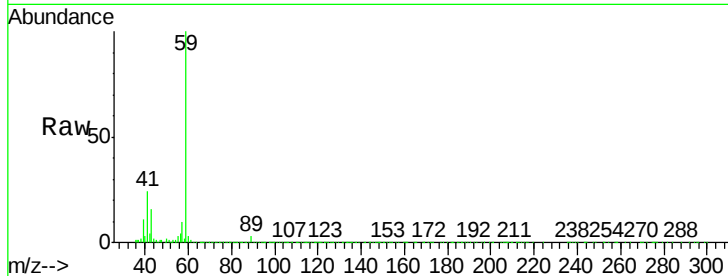
tert-Butyl Alcohol
 Concen: 99.933 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

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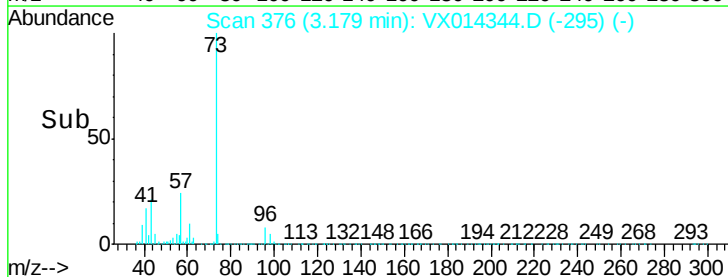
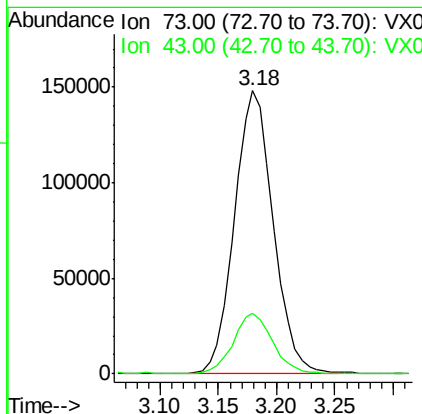
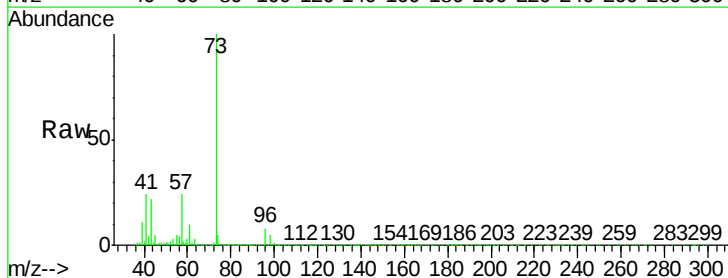
apatel
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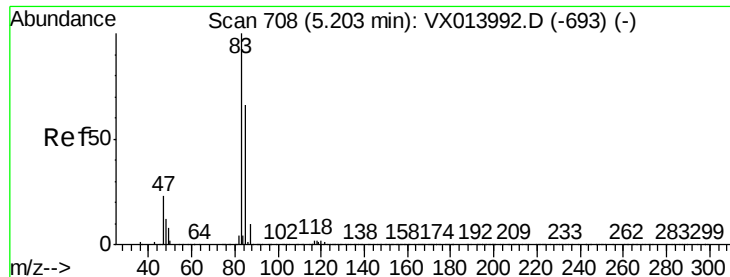


#24

Methyl tert-Butyl Ether
 Concen: 18.768 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	25.0





#25

Chloroform

Concen: 19.074 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 197208

Ion Ratio Lower Upper

83 100

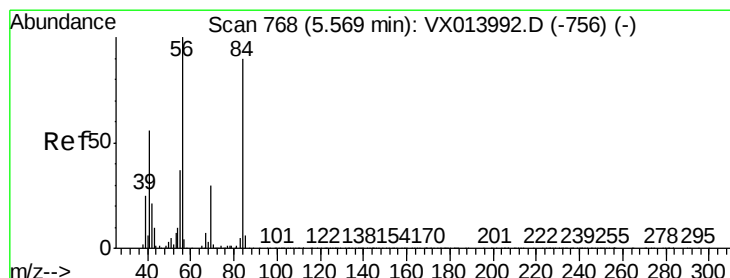
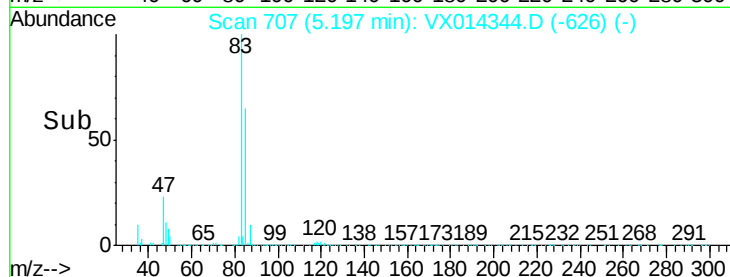
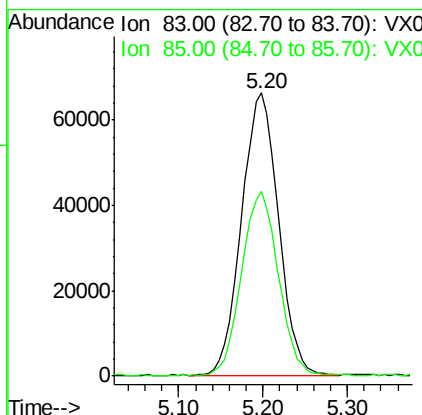
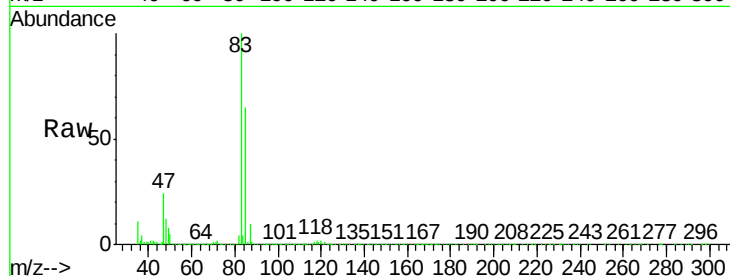
85 65.4 52.7 79.1

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#26

Cyclohexane

Concen: 19.699 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

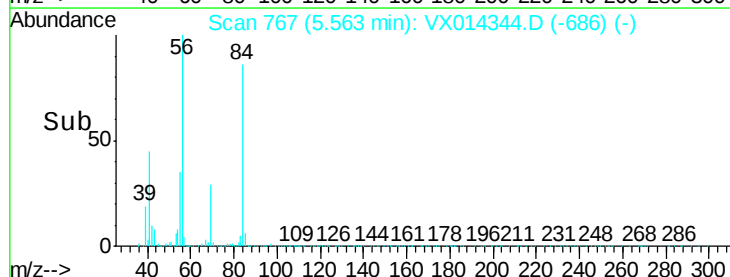
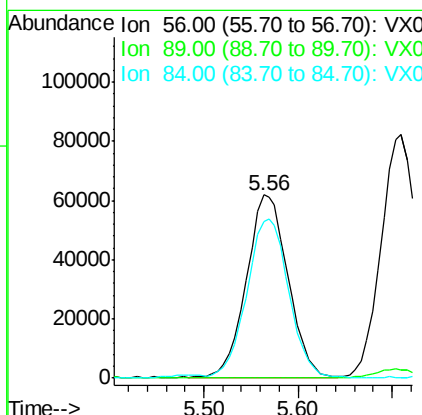
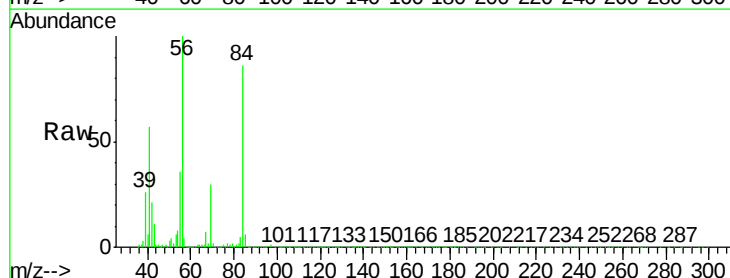
Tgt Ion: 56 Resp: 190483

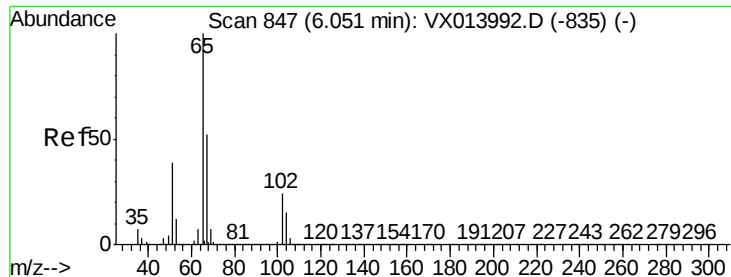
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 86.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.133 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 208845

Ion Ratio Lower Upper

65 100

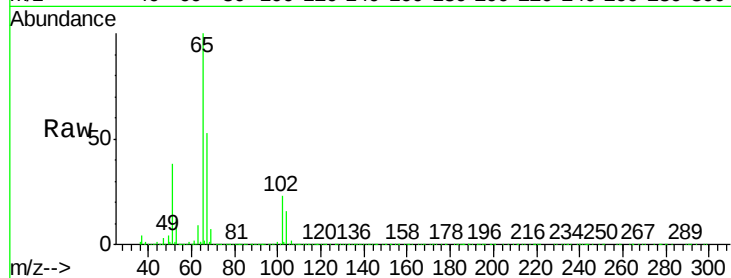
67 53.0 43.1 64.7

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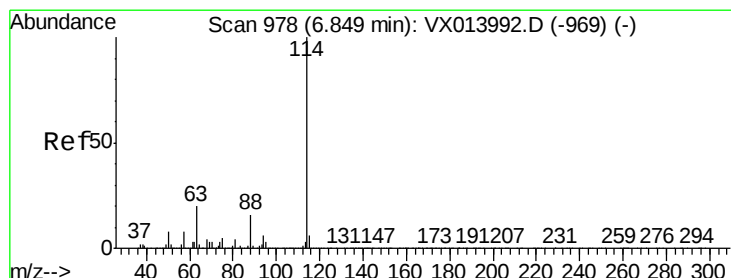
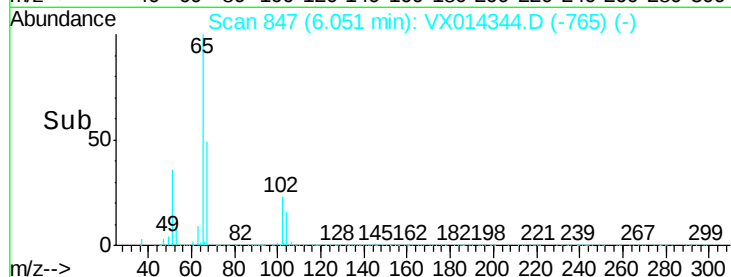
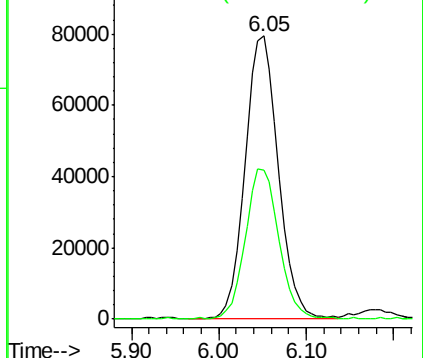
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

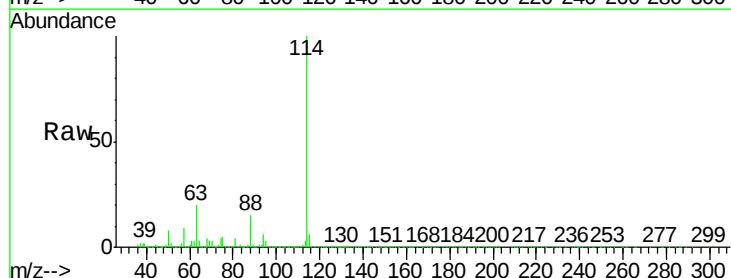
Tgt Ion: 114 Resp: 552779

Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

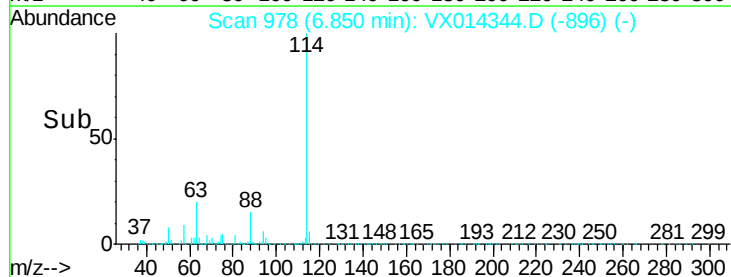
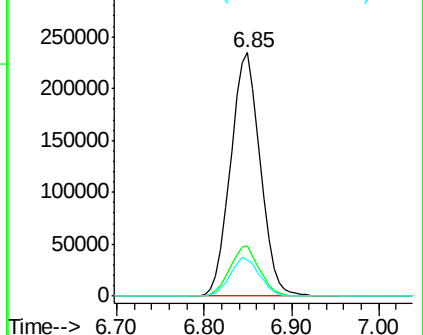
88 15.6 12.5 18.7

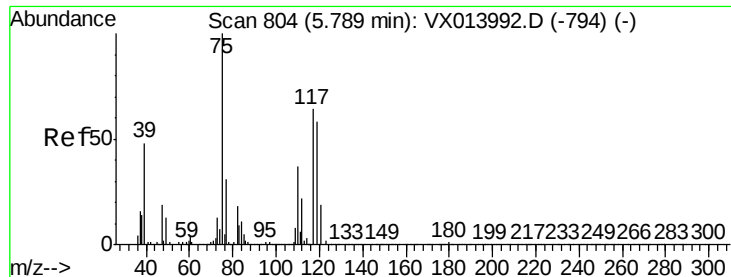


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





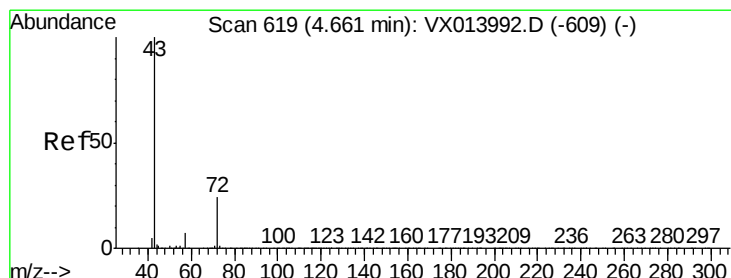
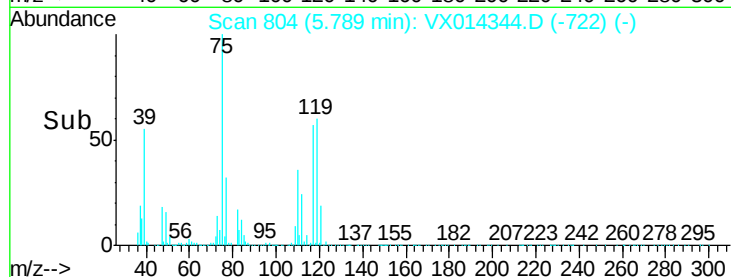
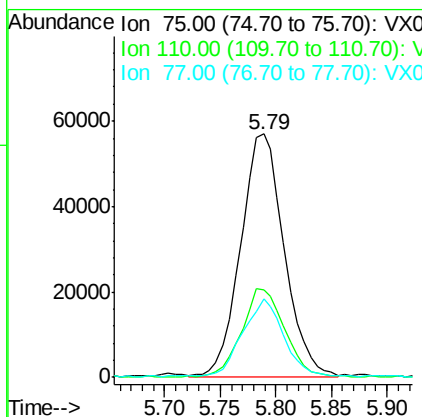
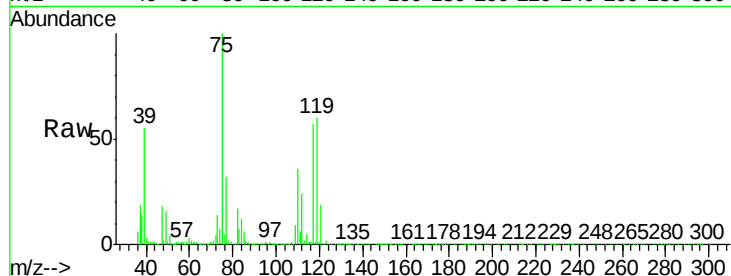
#29
 1,1-Dichloropropene
 Concen: 19.343 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	154444
Ion Ratio	Lower	Upper	
75	100		
110	36.0	0.0	73.8
77	30.3	0.0	62.4

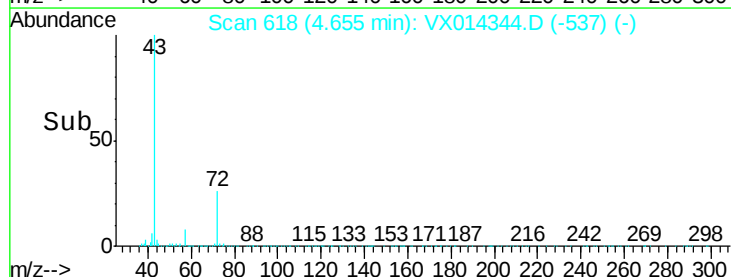
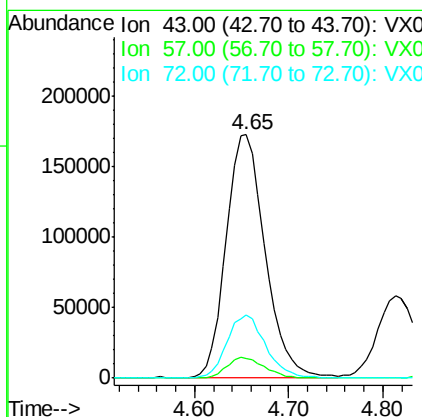
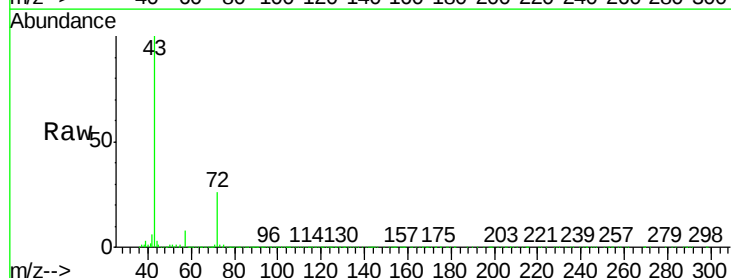
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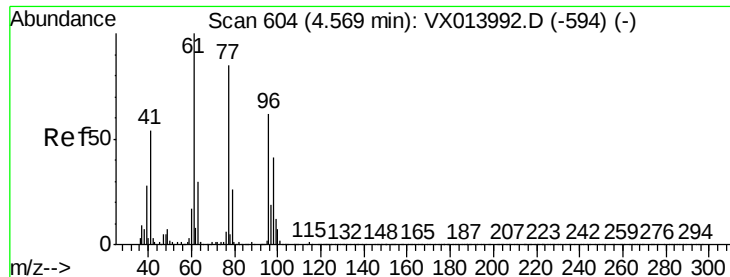
apatel
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#30
 2-Butanone
 Concen: 105.094 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion:	43	Resp:	494610
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.2	9.2
72	25.0	20.3	30.5





#31

2,2-Dichloropropane

Concen: 22.191 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 163900

Ion Ratio Lower Upper

77 100

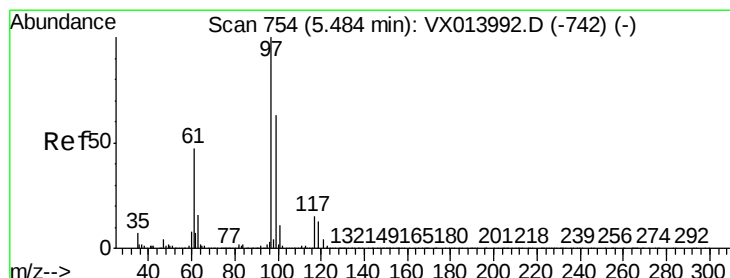
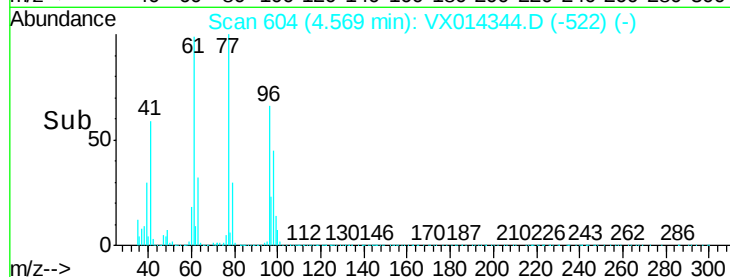
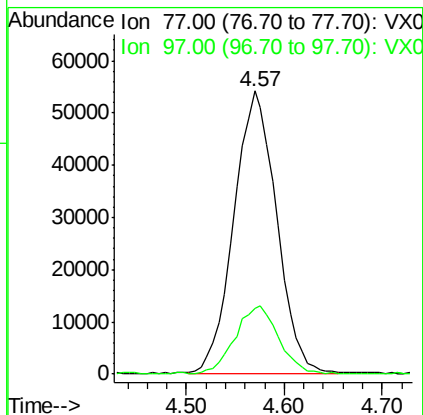
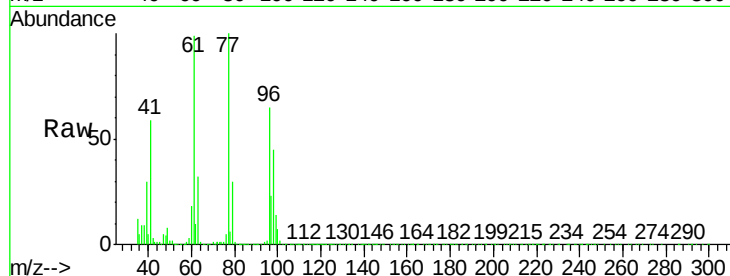
97 24.5 19.7 29.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.379 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

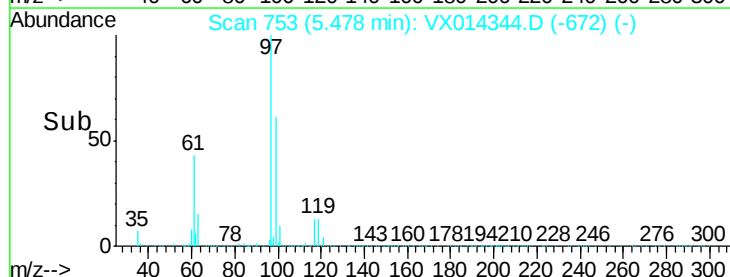
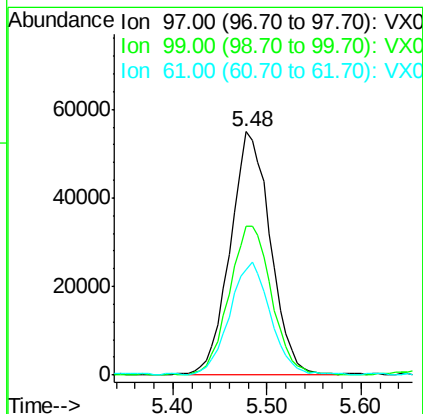
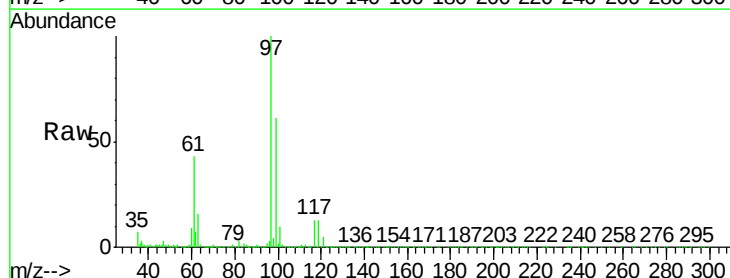
Tgt Ion: 97 Resp: 162314

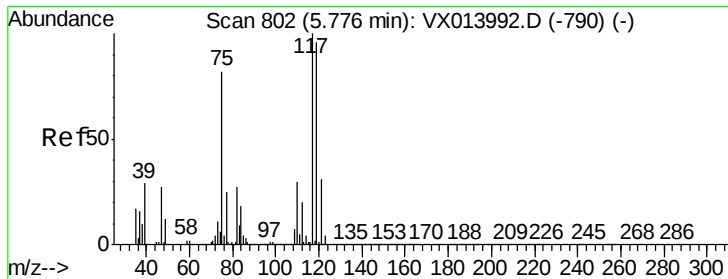
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 46.2 36.8 55.2





#33

Carbon Tetrachloride

Concen: 18.841 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

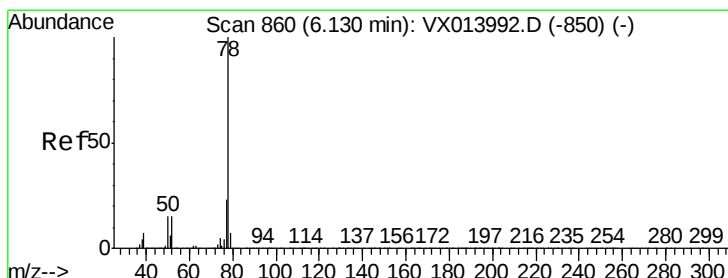
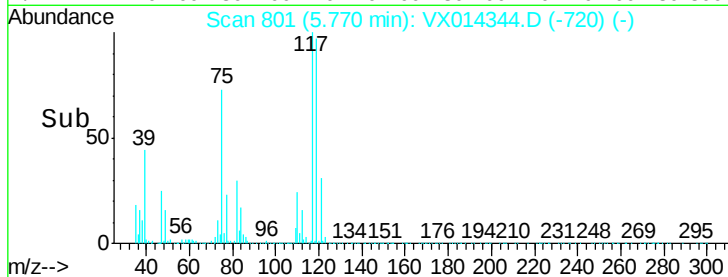
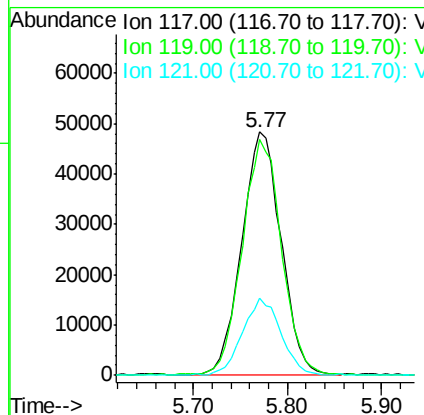
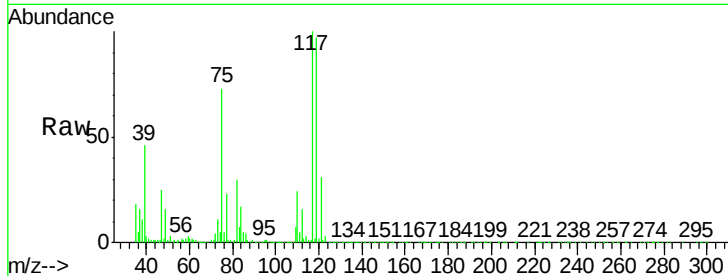
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	141447
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.2	115.8
121	31.3	24.8	37.2

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#34

Benzene

Concen: 18.944 ug/l

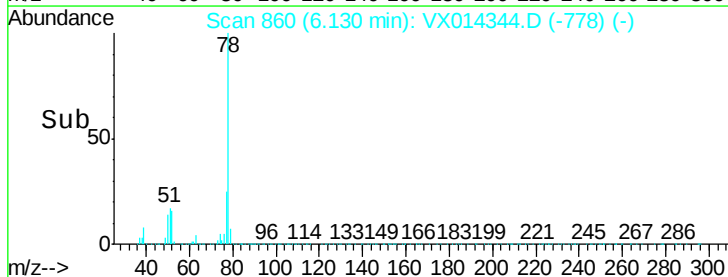
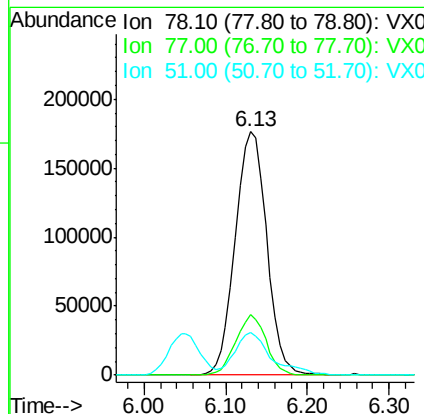
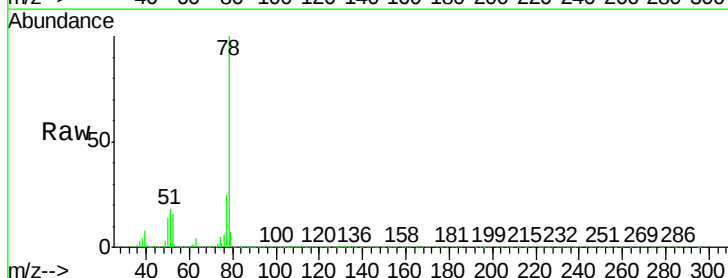
RT: 6.13 min Scan# 860

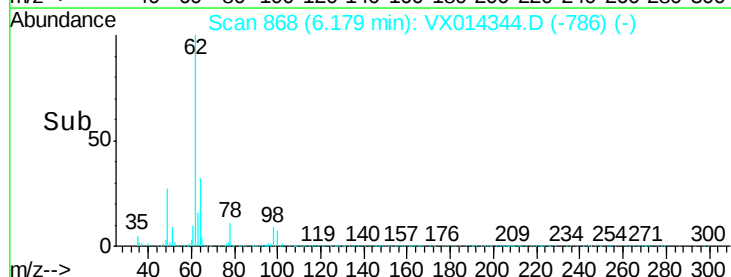
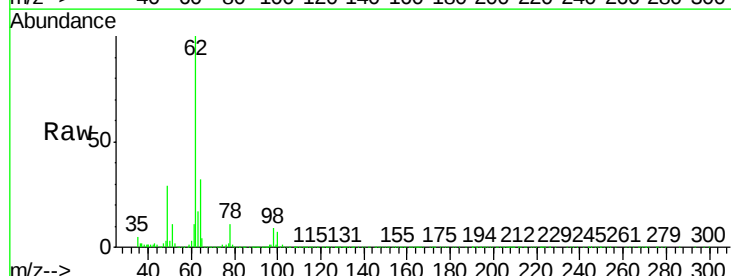
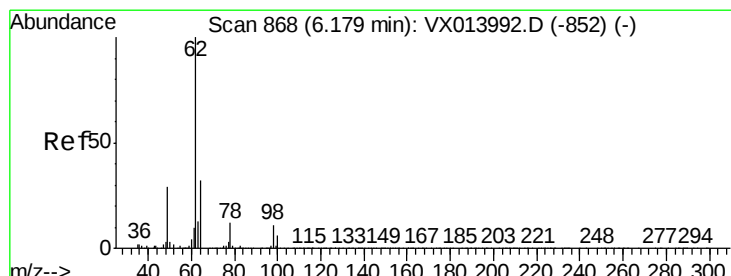
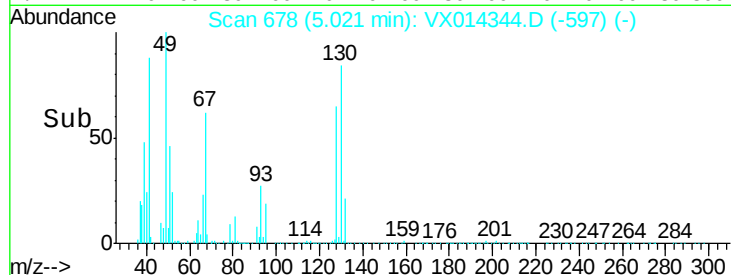
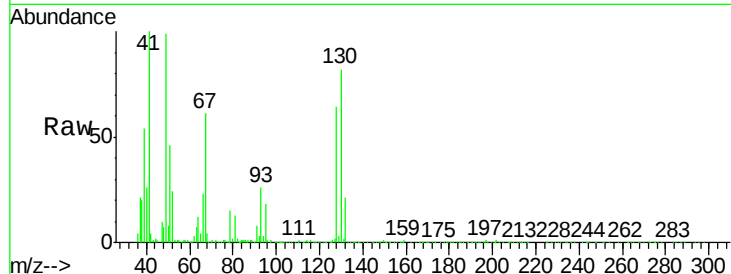
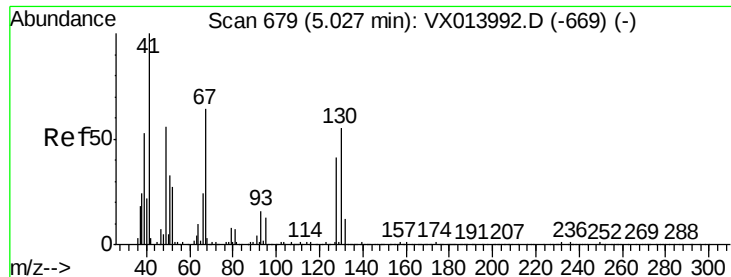
Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

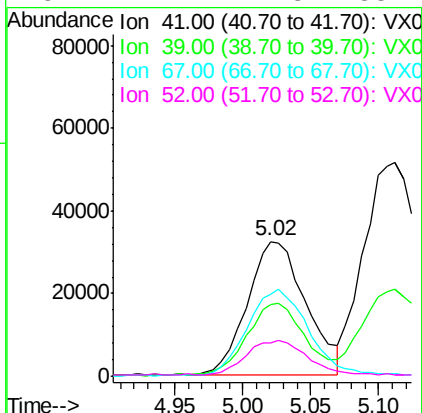
Tgt Ion:	78	Resp:	471666
Ion Ratio	Lower	Upper	
78	100		
77	24.5	18.2	27.2
51	17.2	12.4	18.6





#35
Methacrylonitrile
Concen: 19.086 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	26.7	80.1	
67	60.9	31.5	94.5	
52	22.7	12.8	38.4	



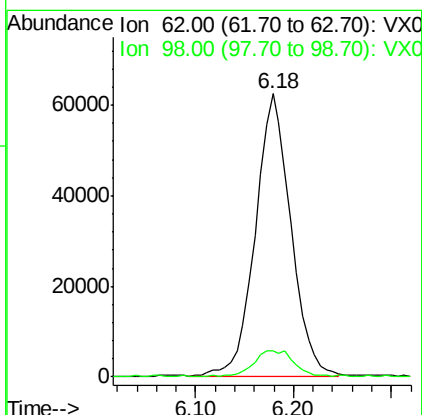
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

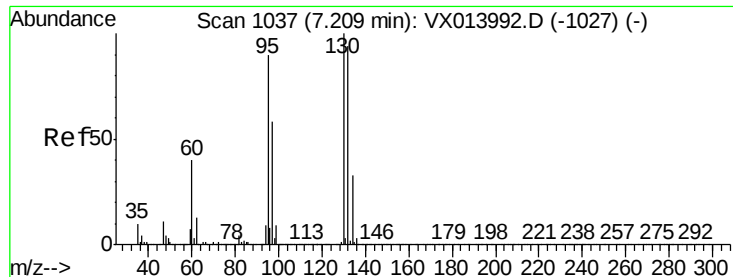
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#36
1,2-Dichloroethane
Concen: 18.308 ug/l m
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	0.0	8.4	12.6	#





#37

Trichloroethene

Concen: 18.076 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 122460

Ion Ratio Lower Upper

130 100

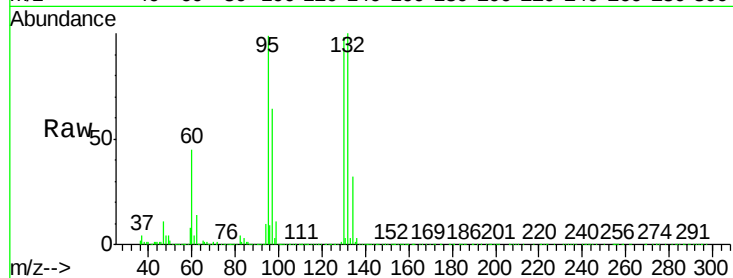
95 101.5 71.7 107.5

Manual Integrations

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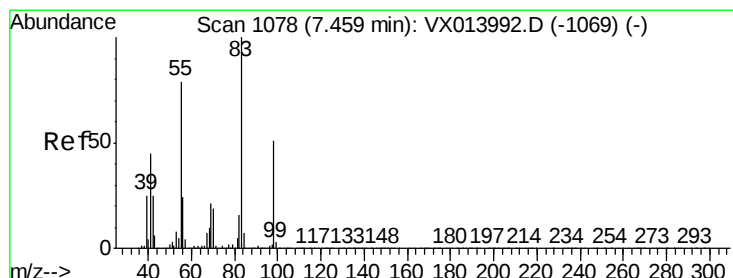
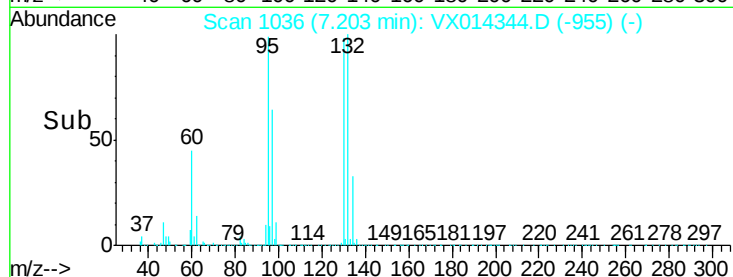
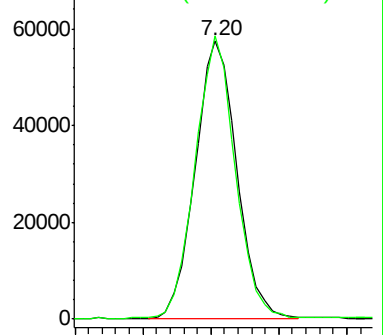
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.487 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

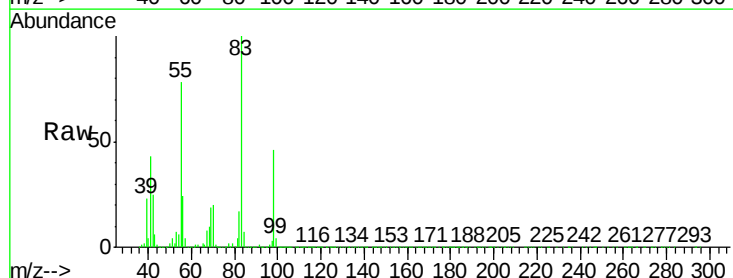
Tgt Ion: 83 Resp: 195129

Ion Ratio Lower Upper

83 100

55 77.6 39.4 118.1

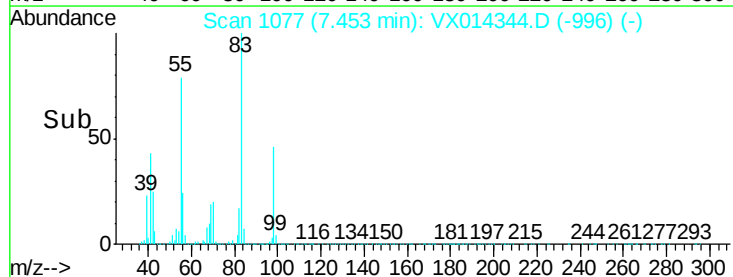
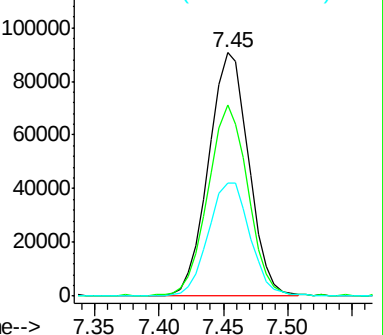
98 48.6 25.1 75.3

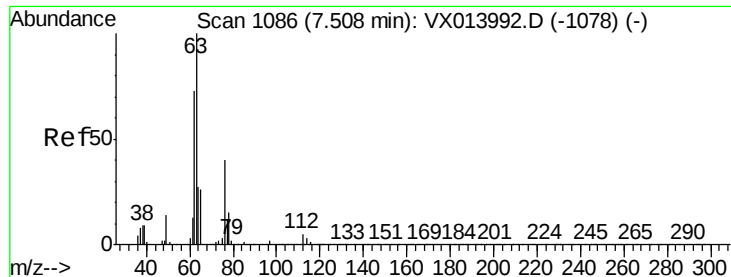


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





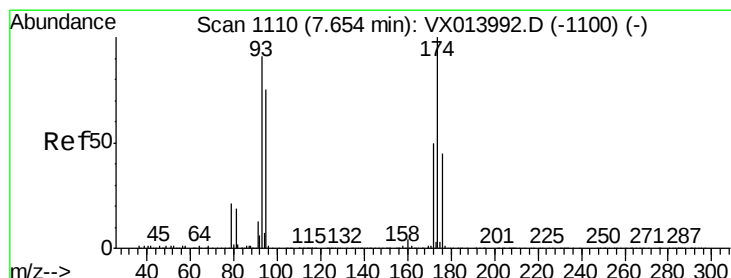
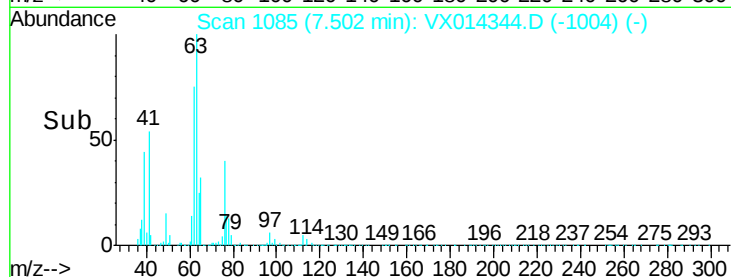
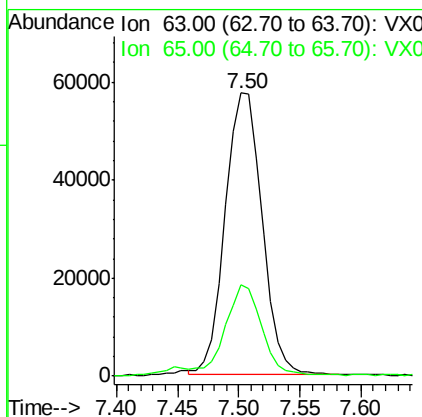
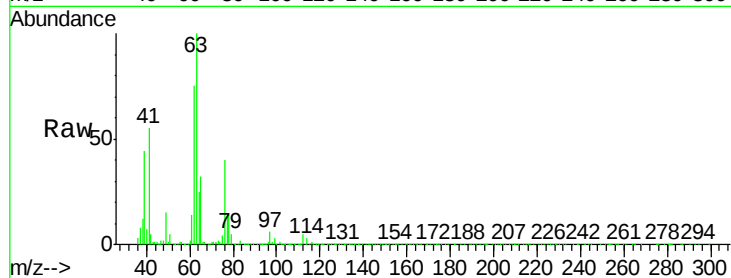
#39
 1,2-Dichloropropane
 Concen: 18.573 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.1	33.1

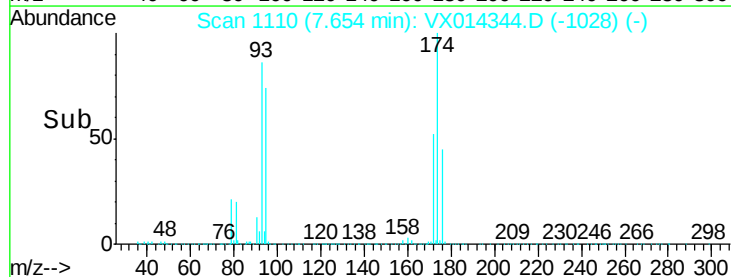
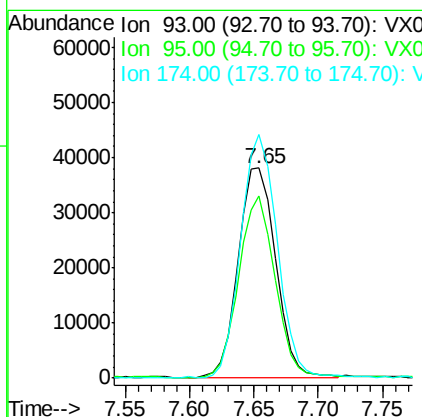
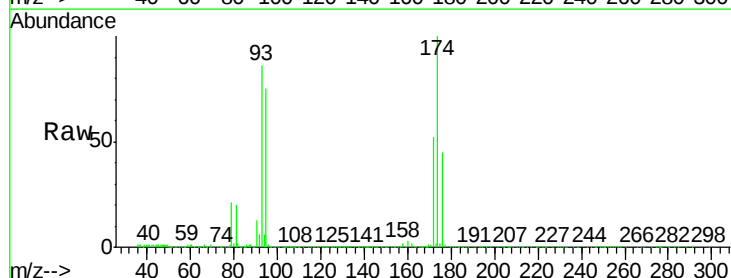
Manual Integrations
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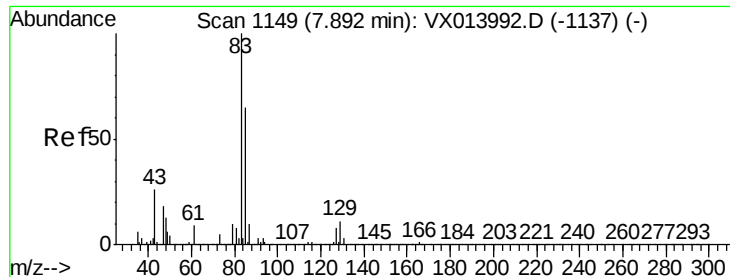
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#40
 Dibromomethane
 Concen: 18.744 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	0.0	164.4
174	111.7	0.0	228.8





#41

Bromodichloromethane

Concen: 18.949 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

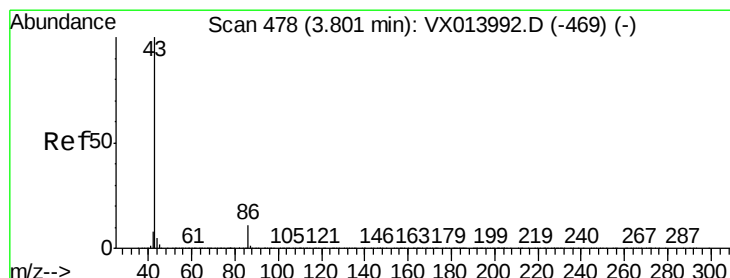
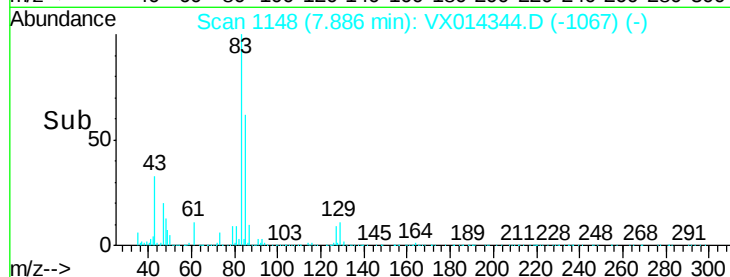
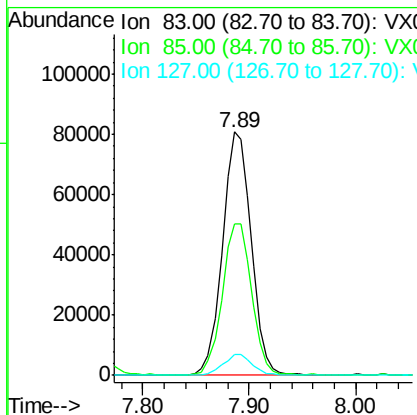
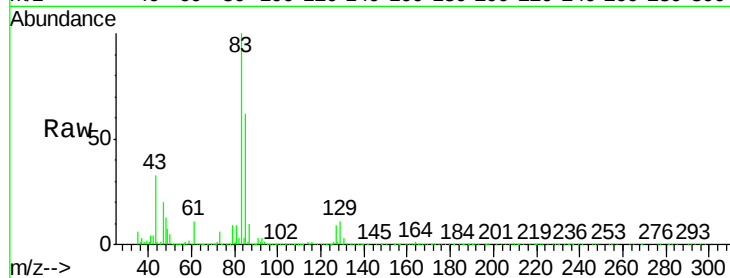
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	151568
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.6	77.4
127	8.5	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.786 ug/l

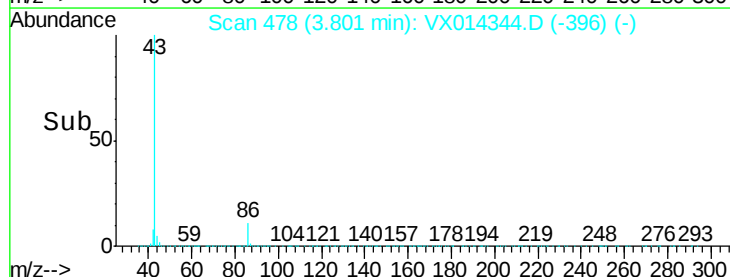
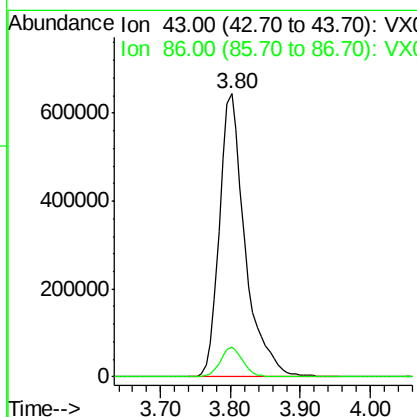
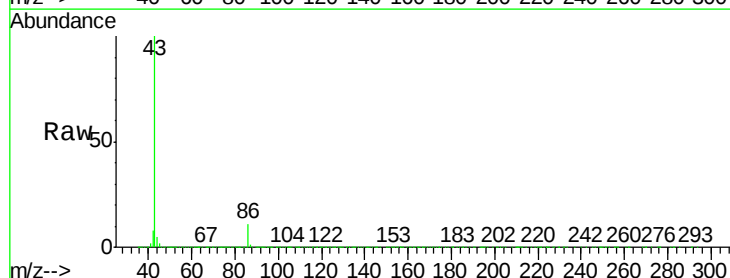
RT: 3.80 min Scan# 478

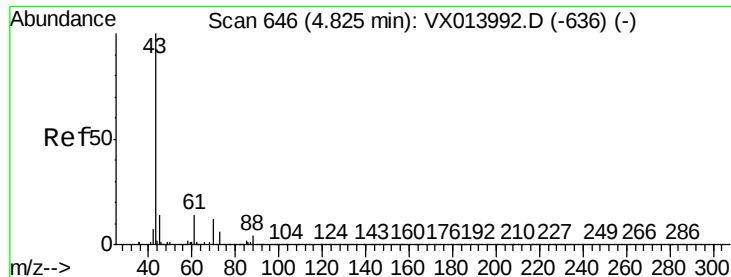
Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	43	Resp:	1641442
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.7	11.5





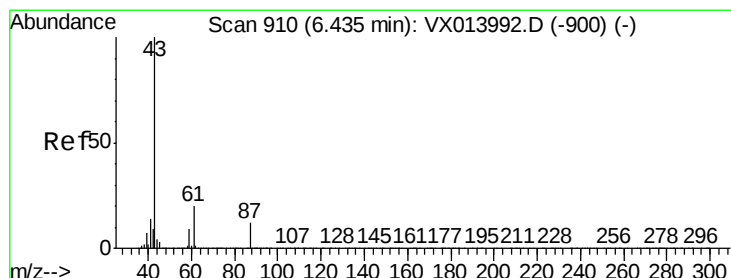
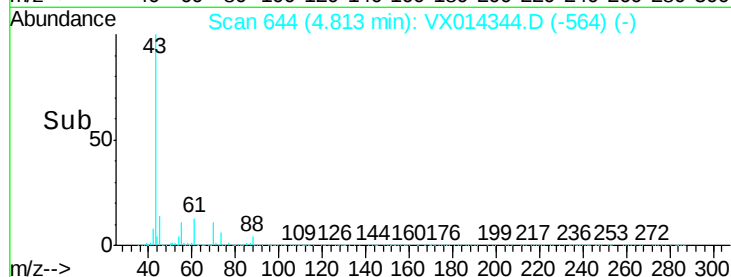
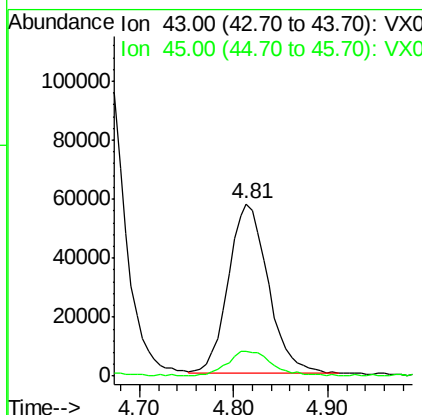
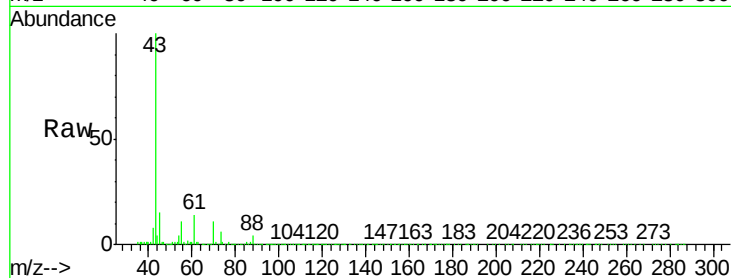
#43
Ethyl Acetate
Concen: 18.820 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.3	11.8	17.8

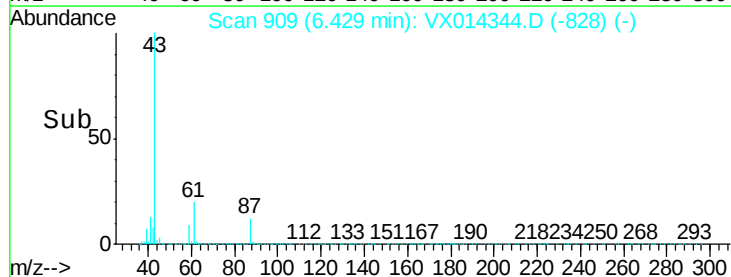
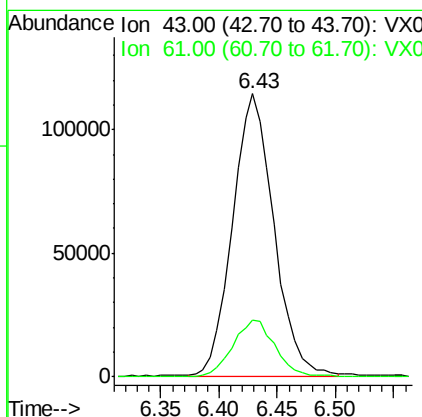
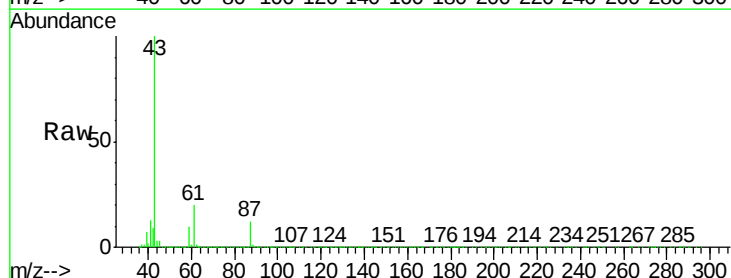
Manual Integrations
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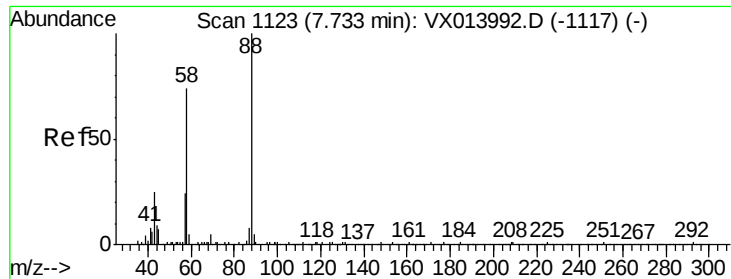
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#44
Isopropyl Acetate
Concen: 18.604 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.9	23.9





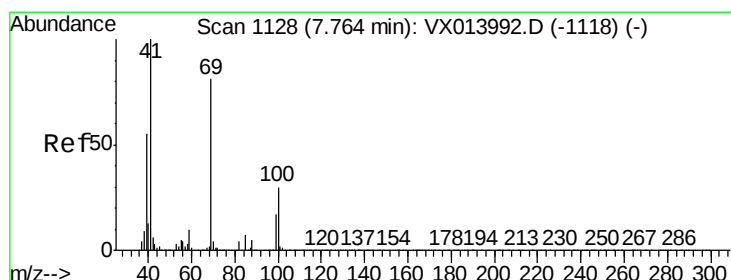
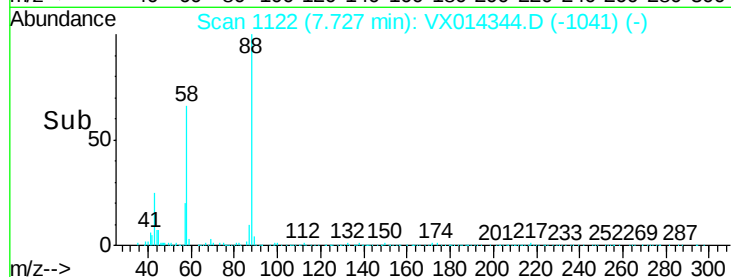
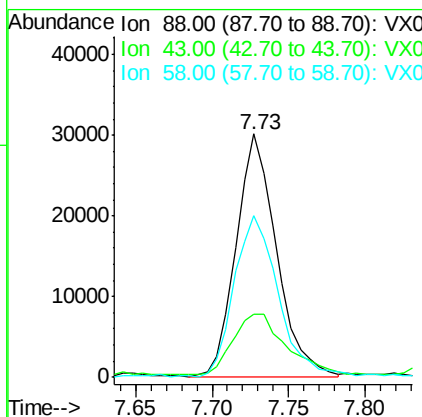
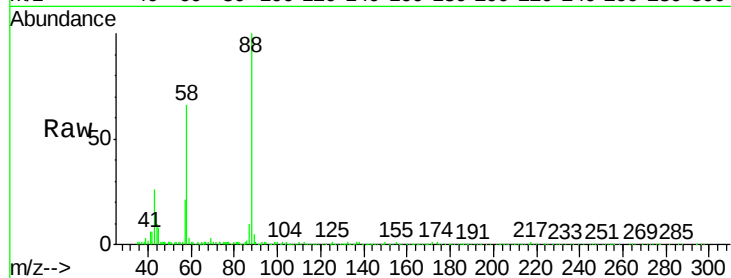
#45
1,4-Dioxane
Concen: 389.703 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	88	Resp:	55198
Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.4	38.2
58	73.2	56.5	84.7

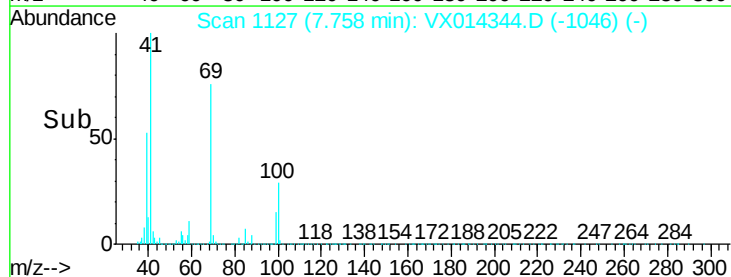
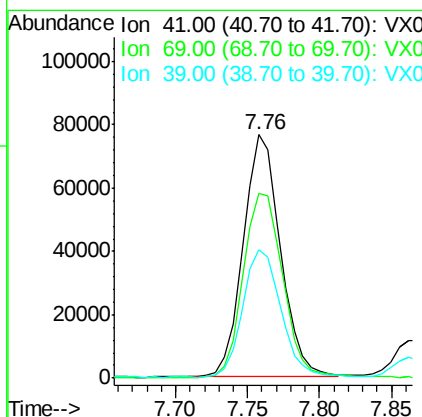
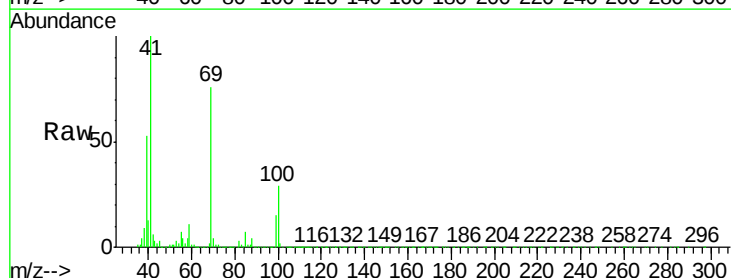
Manual Integrations
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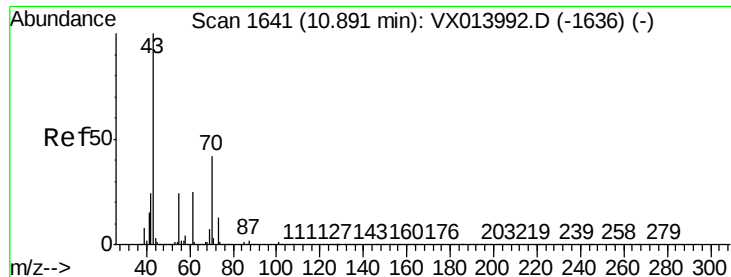
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#46
Methyl methacrylate
Concen: 18.666 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion:	41	Resp:	137134
Ion	Ratio	Lower	Upper
41	100		
69	76.1	40.6	122.0
39	52.6	27.8	83.3





#47

n-amvl Acetate

Concen: 17.854 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 240113

Ion Ratio Lower Upper

43 100

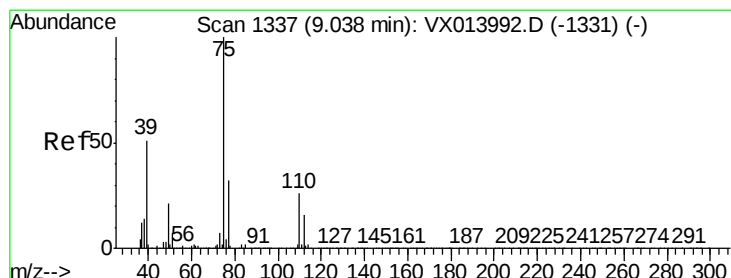
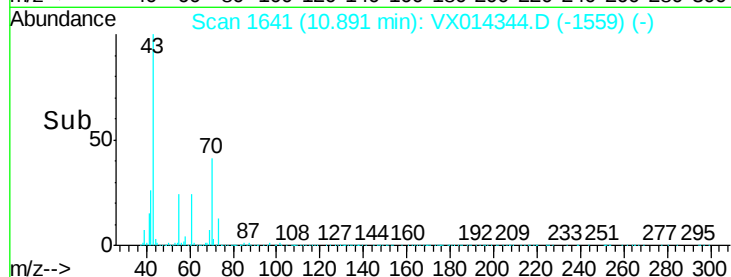
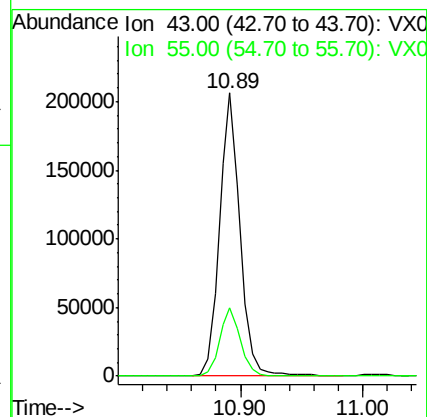
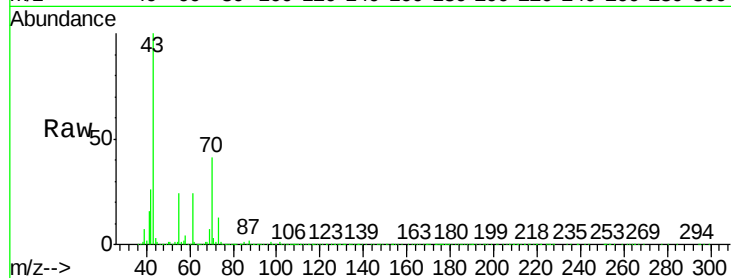
55 24.3 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.198 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014344.D

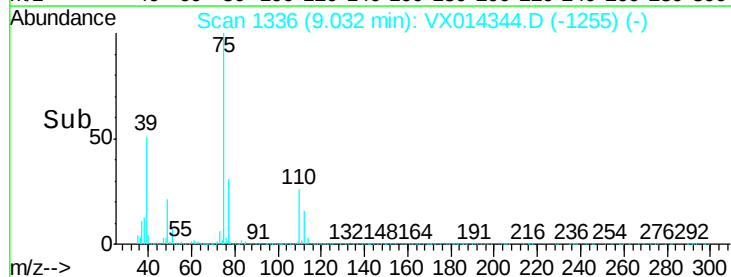
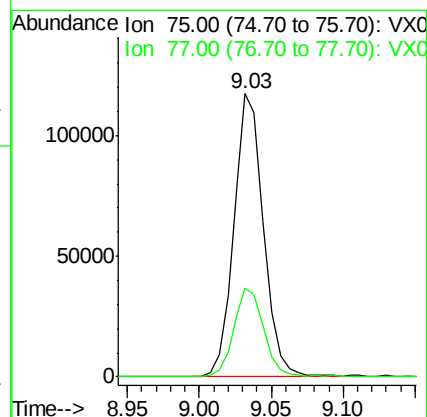
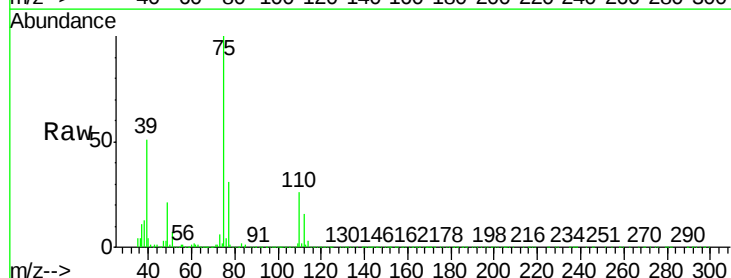
Acq: 30 Dec 2019 10:22

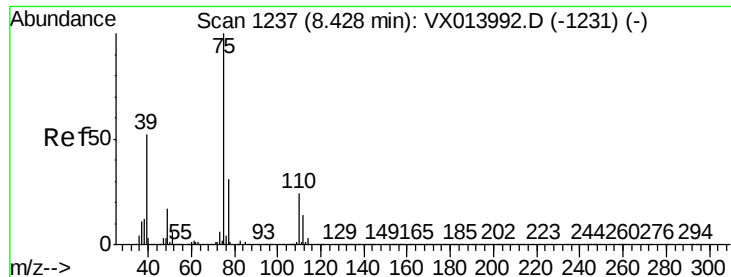
Tgt Ion: 75 Resp: 167601

Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0





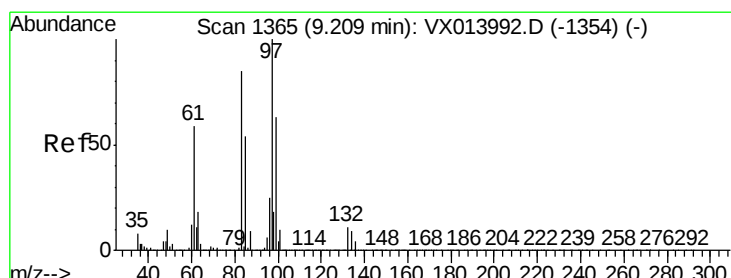
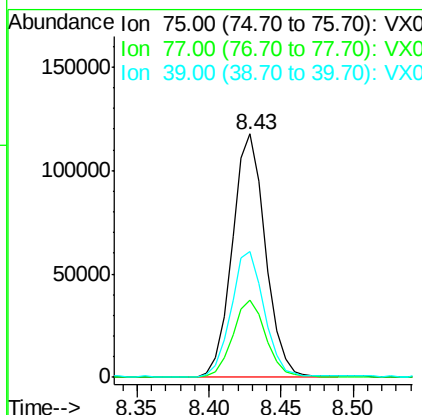
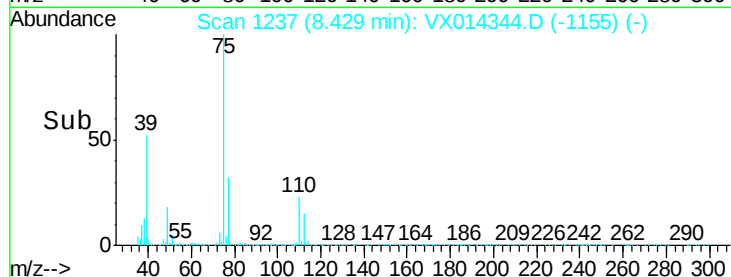
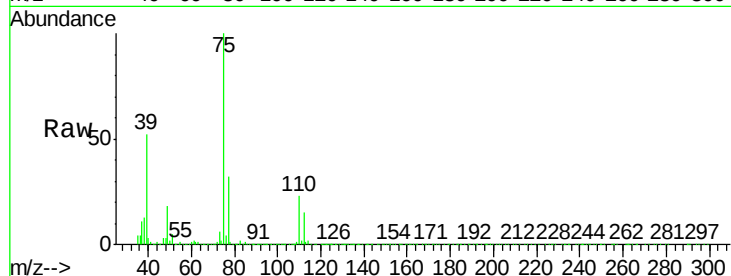
#49
 cis-1,3-Dichloropropene
 Concen: 19.205 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	188553
Ion Ratio	Lower	Upper	
75	100		
77	31.6	24.8	37.2
39	51.8	41.1	61.7

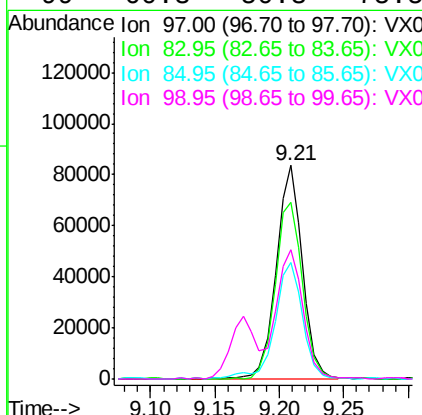
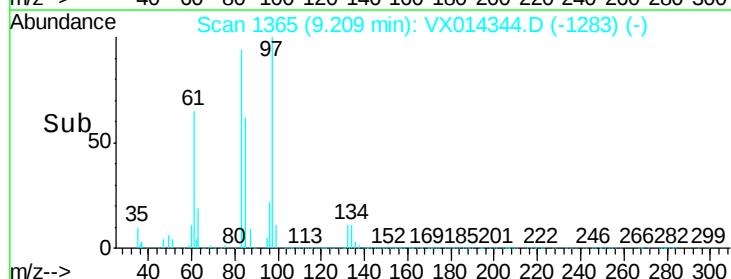
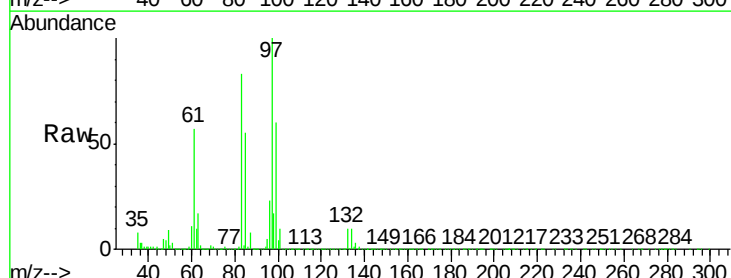
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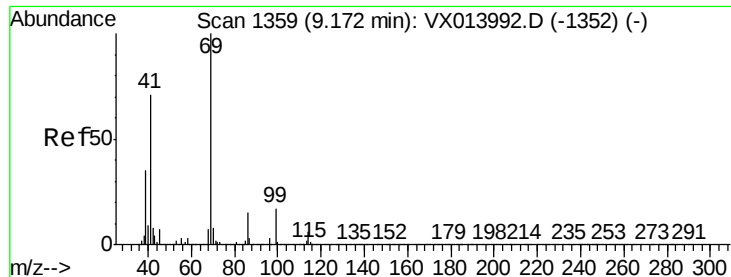
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#50
 1,1,2-Trichloroethane
 Concen: 18.564 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion:	97	Resp:	118350
Ion Ratio	Lower	Upper	
97	100		
83	82.8	68.1	102.1
85	54.8	42.7	64.1
99	60.3	50.3	75.5





#51

Ethyl methacrylate

Concen: 17.724 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

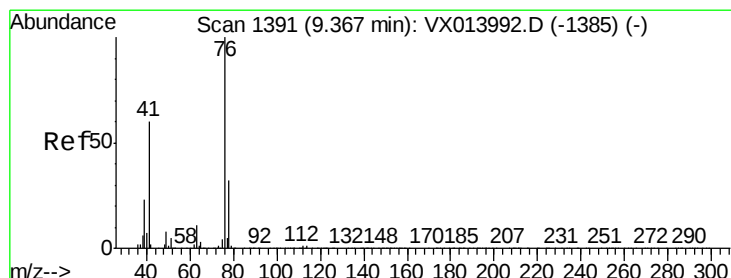
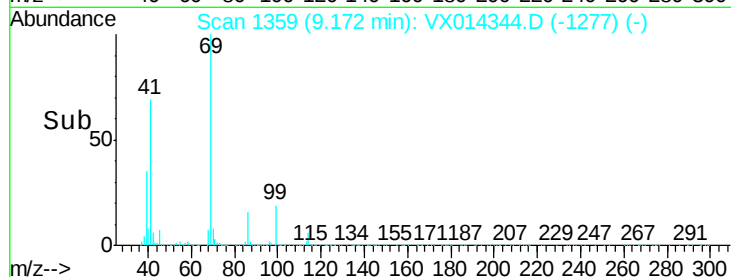
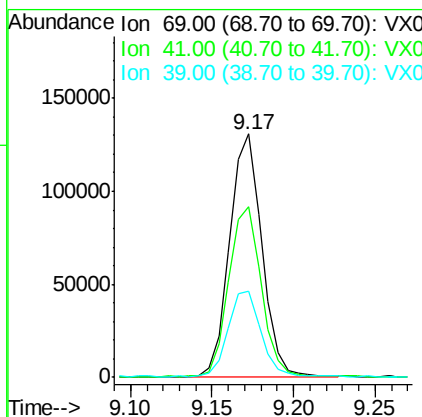
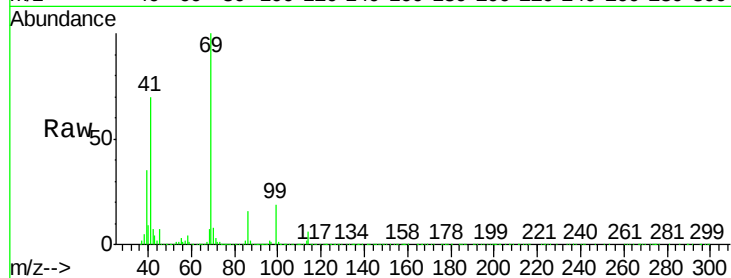
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	179733
Ion Ratio	Lower	Upper	
69	100		
41	69.6	35.4	106.1
39	34.9	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 18.614 ug/l

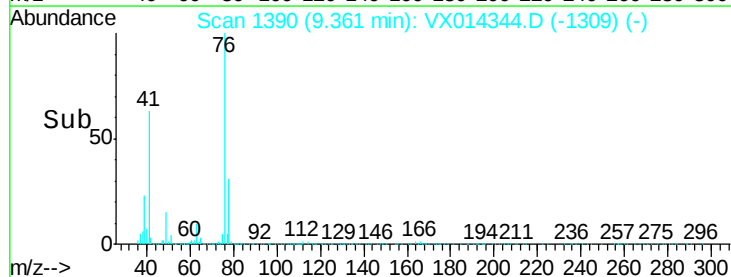
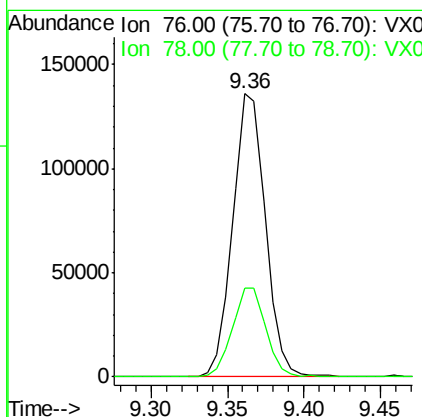
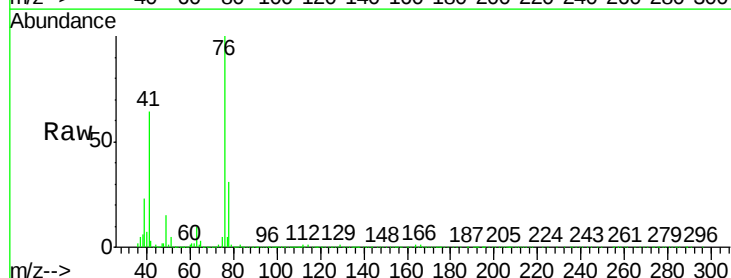
RT: 9.36 min Scan# 1390

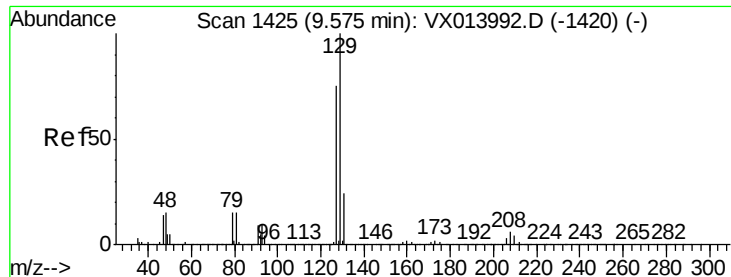
Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	76	Resp:	201616
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	63.4





#53

Dibromochloromethane

Concen: 18.479 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tot Ion:129 Resp: 117800

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.5

Instrument :

MSVOA_X

ClientSampleId :

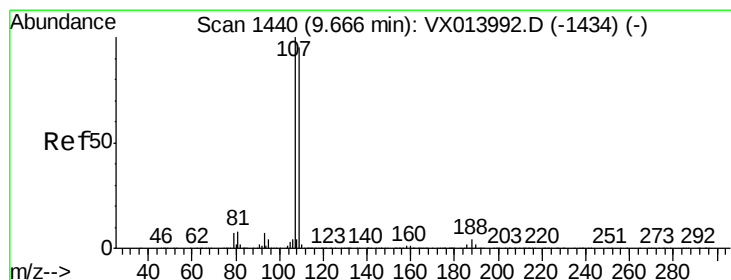
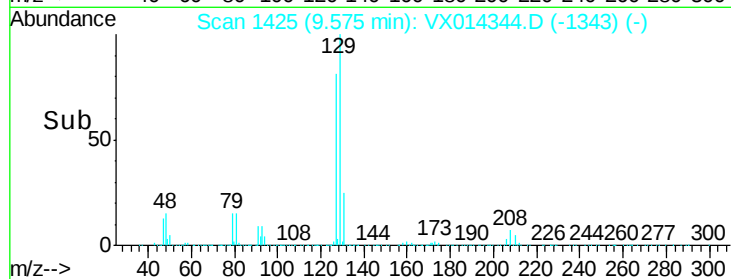
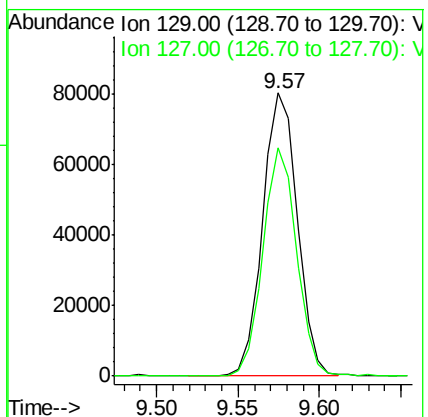
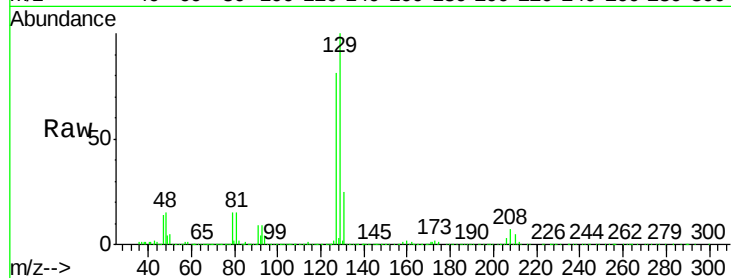
VSTDCCC020

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#54

1,2-Dibromoethane

Concen: 18.710 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014344.D

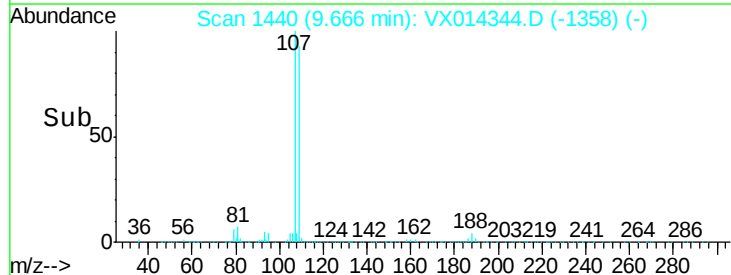
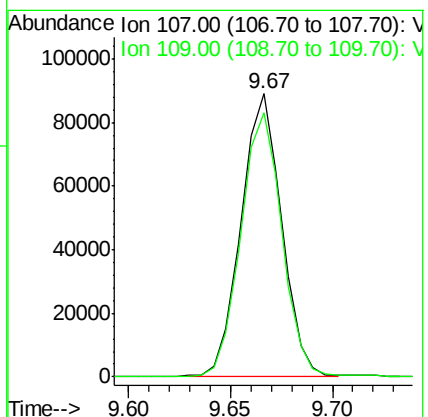
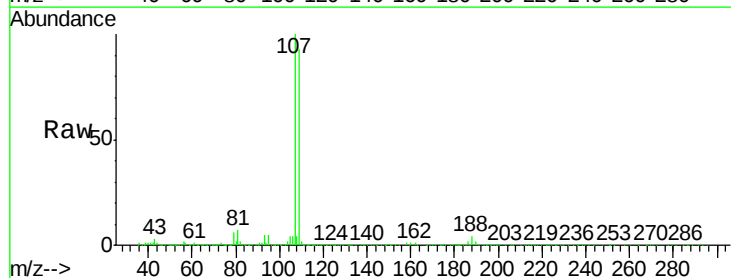
Acq: 30 Dec 2019 10:22

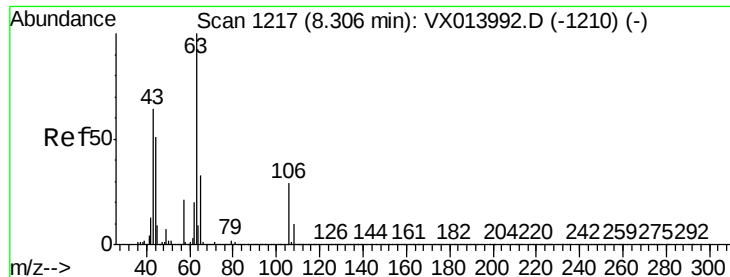
Tgt Ion:107 Resp: 122815

Ion Ratio Lower Upper

107 100

109 94.5 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 85.238 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

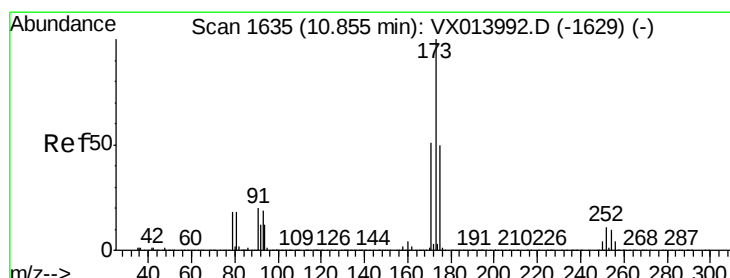
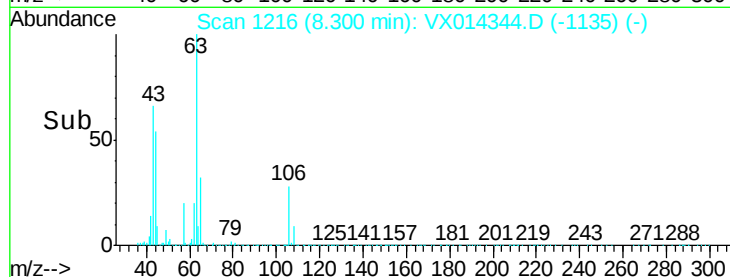
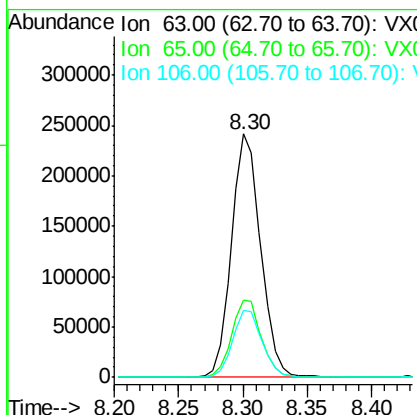
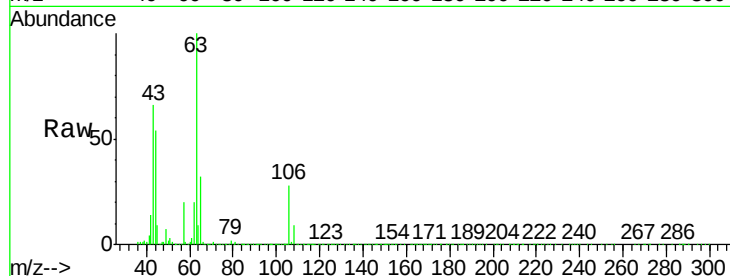
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	381034
Ion Ratio	Lower	Upper	
63	100		
65	32.0	25.8	38.6
106	27.9	22.9	34.3

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#56

Bromoform

Concen: 17.890 ug/l

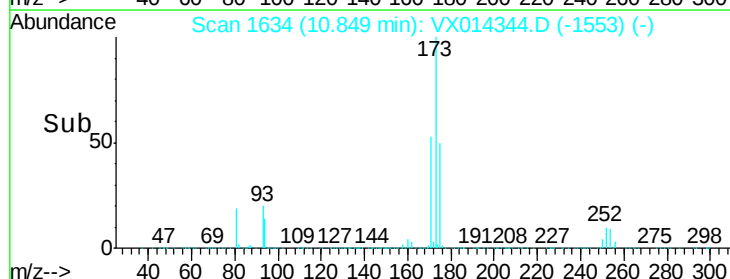
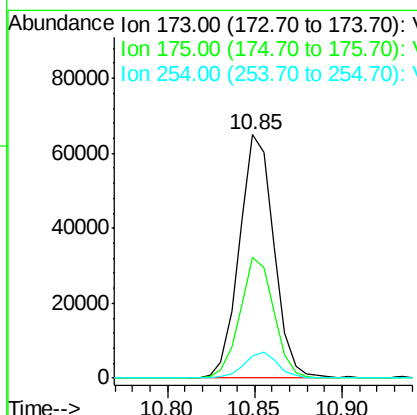
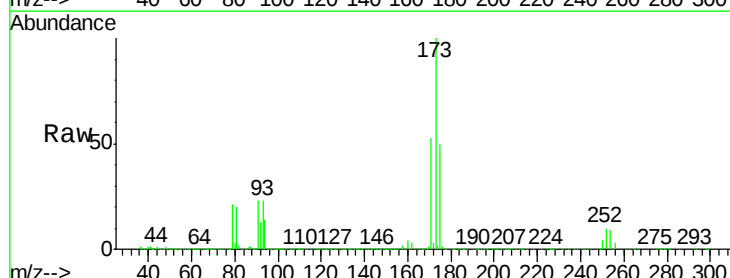
RT: 10.85 min Scan# 1634

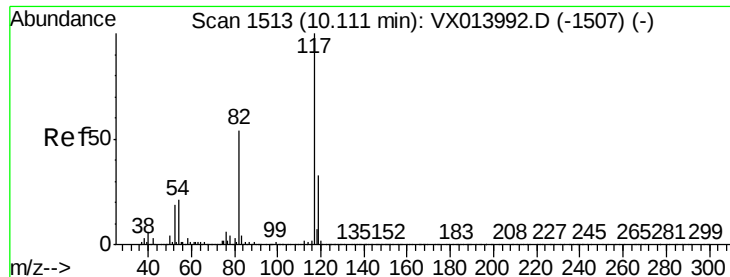
Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	173	Resp:	88937
Ion Ratio	Lower	Upper	
173	100		
175	48.7	39.5	59.3
254	10.5	8.2	12.4





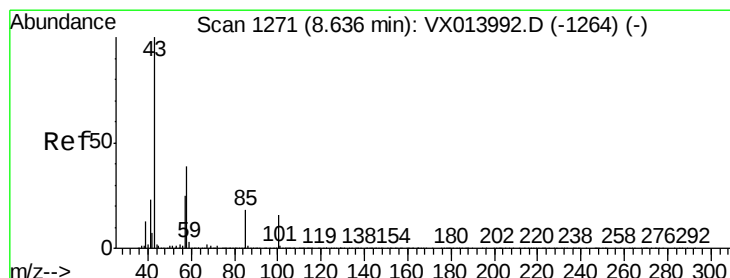
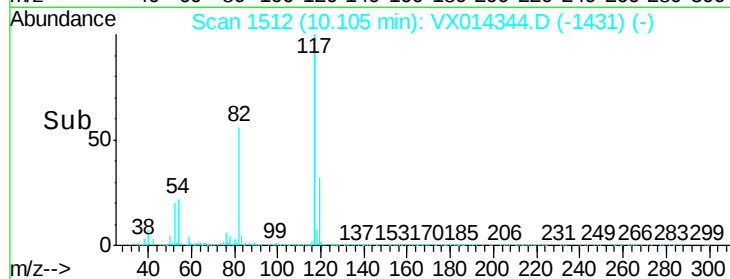
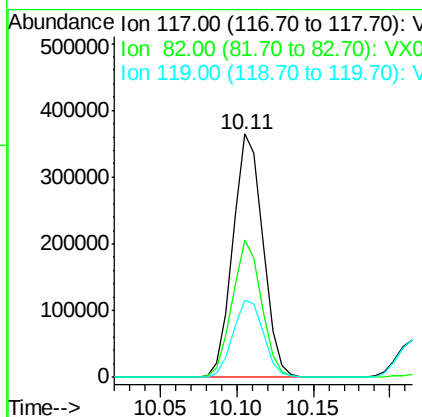
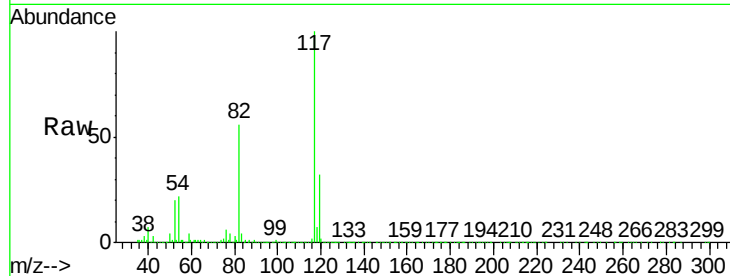
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.9	43.8	65.6
119	32.3	25.8	38.6

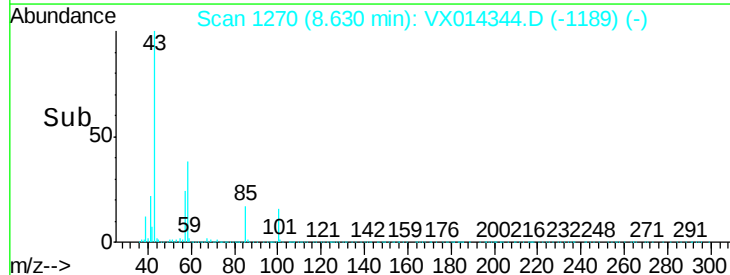
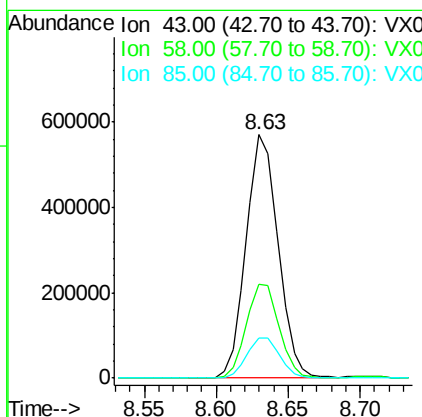
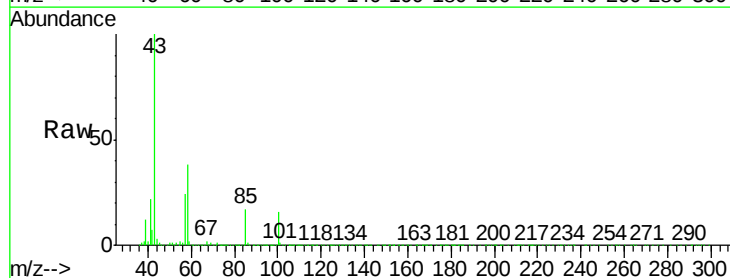
Manual Integrations
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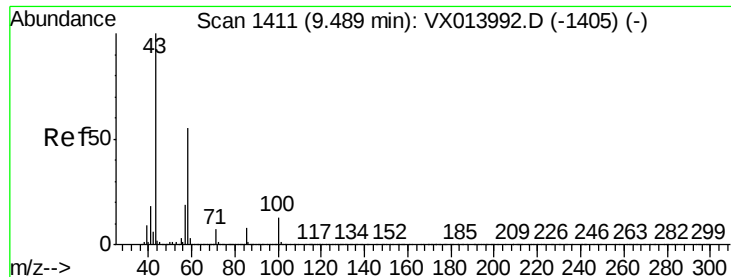
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#58
4-Methyl-2-Pentanone
Concen: 94.749 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.0	14.2	21.2





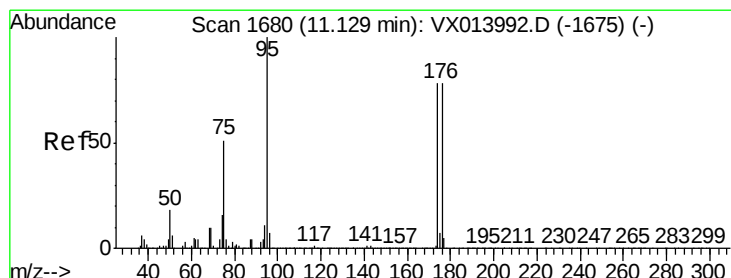
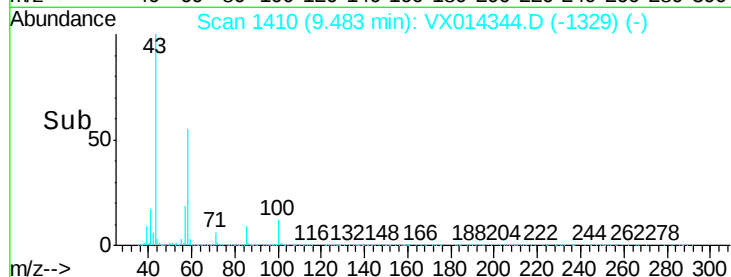
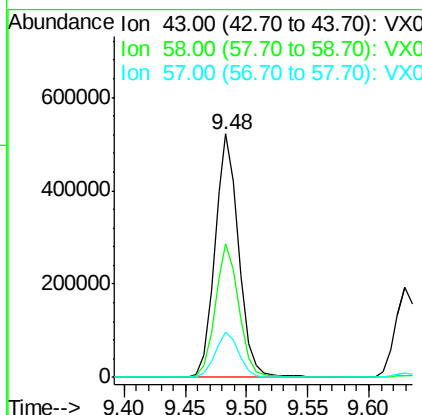
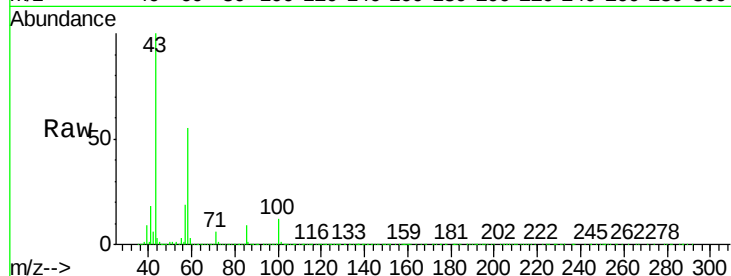
#59
2-Hexanone
Concen: 99.621 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.8	65.6
57	18.9	15.4	23.0

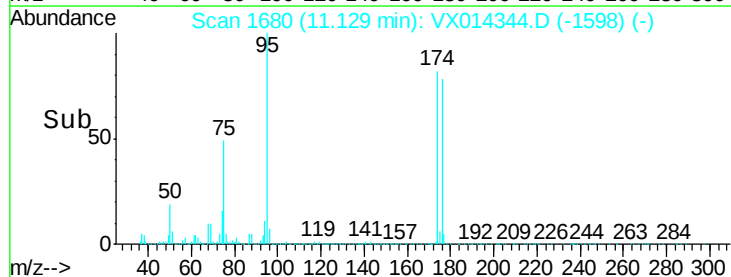
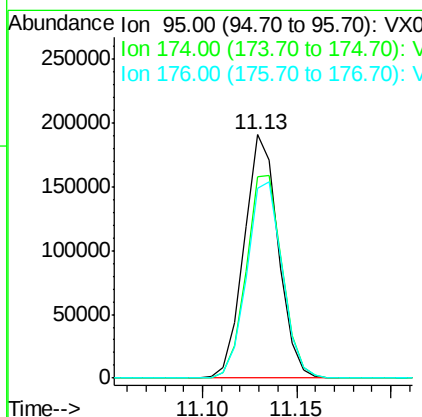
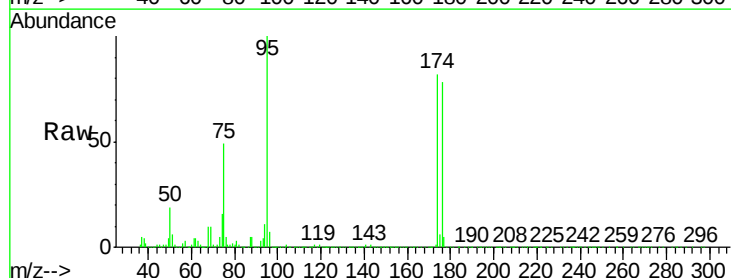
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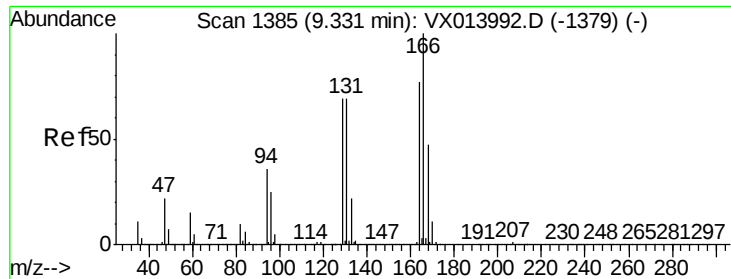
apatel
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#60
4-Bromofluorobenzene
Concen: 29.954 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.4	70.2	105.2
176	83.6	68.3	102.5





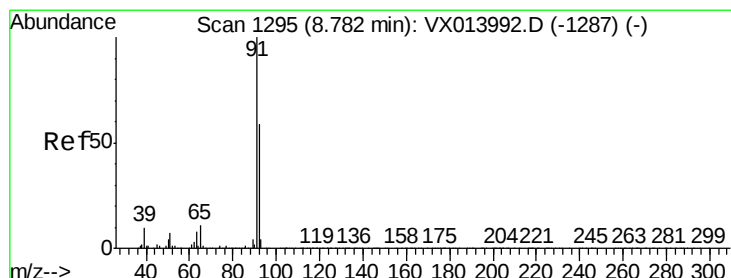
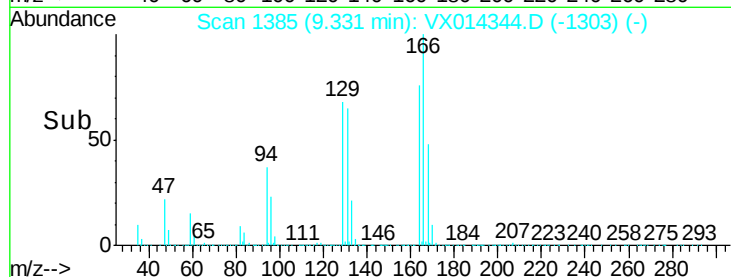
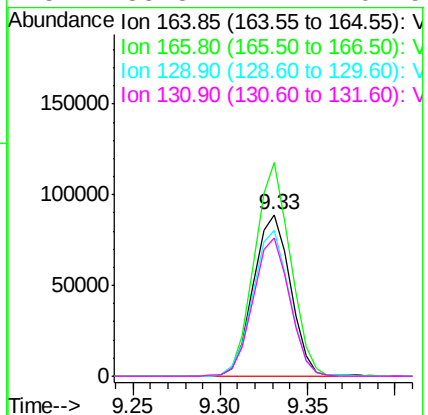
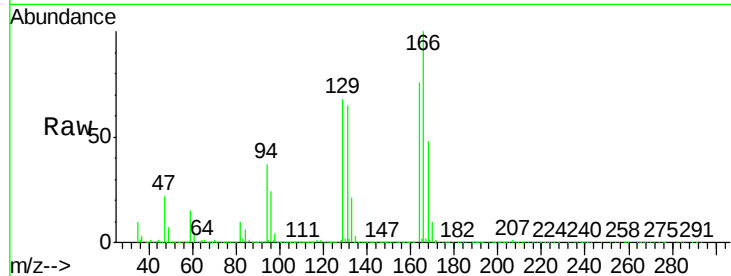
#61
Tetrachloroethene
Concen: 20.049 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.2	104.2	156.2
129	90.0	71.6	107.4
131	85.8	71.7	107.5

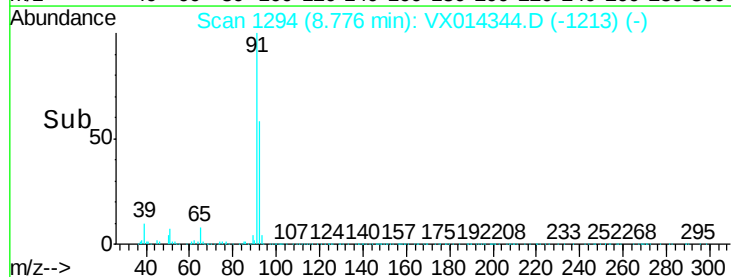
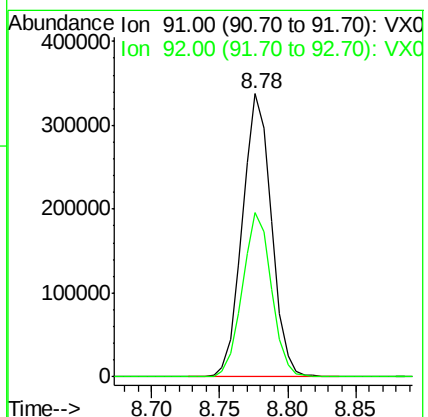
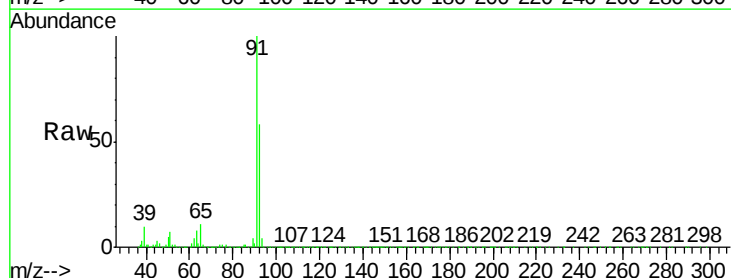
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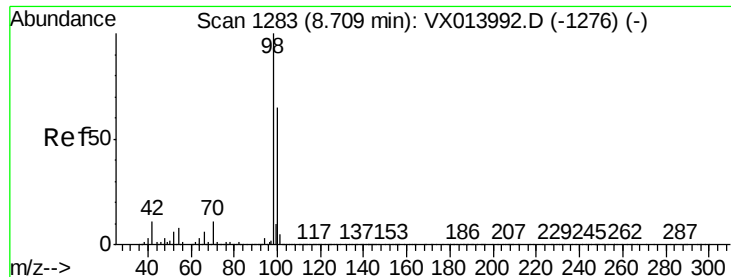
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#62
Toluene
Concen: 19.171 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	46.4	69.6





#63

Toluene-d8

Concen: 30.568 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 677100

Ion Ratio Lower Upper

98 100

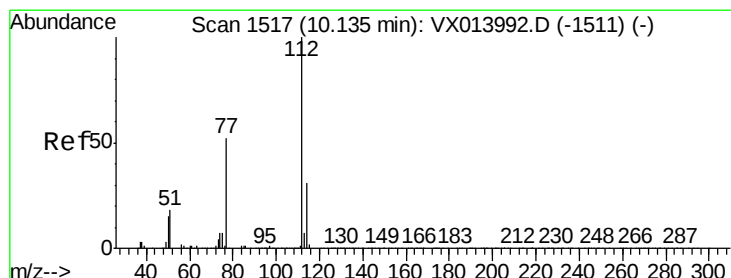
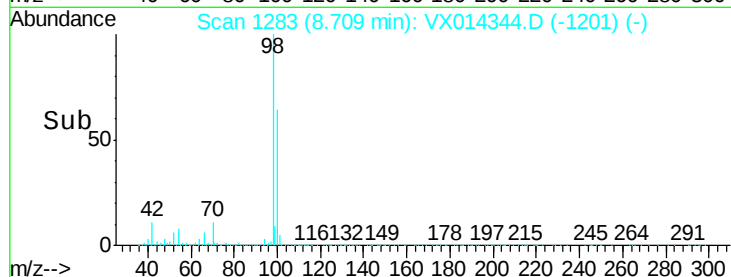
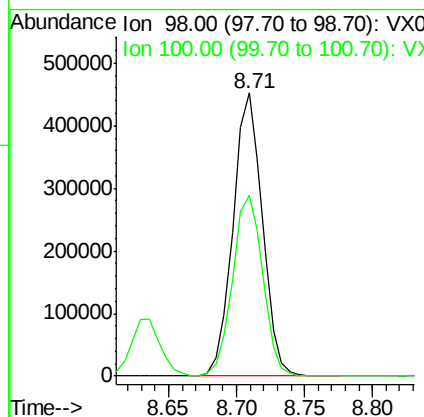
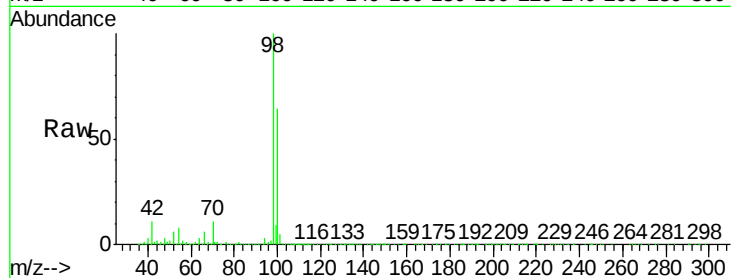
100 65.6 52.2 78.2

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#64

Chlorobenzene

Concen: 18.682 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014344.D

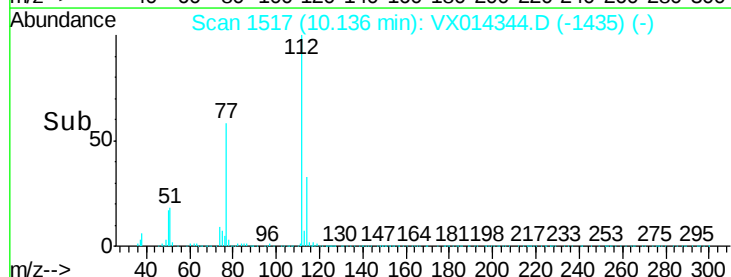
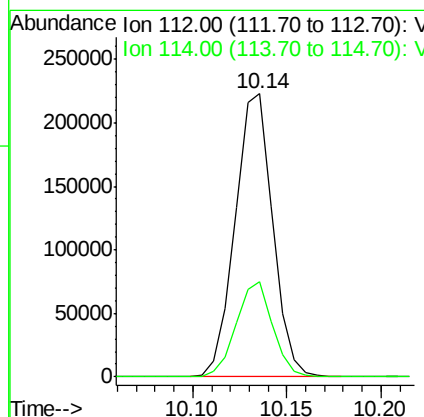
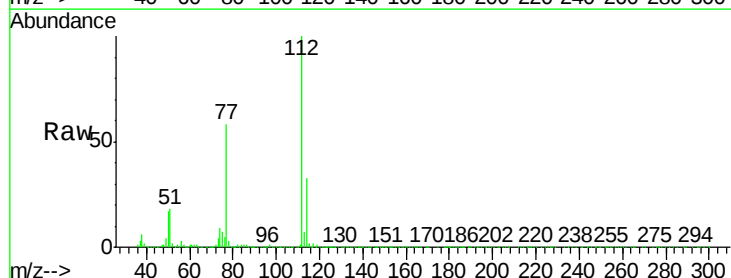
Acq: 30 Dec 2019 10:22

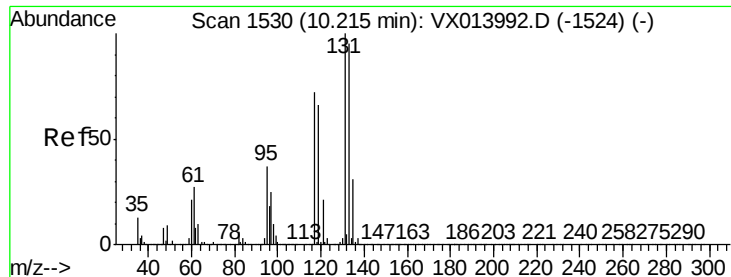
Tgt Ion: 112 Resp: 308482

Ion Ratio Lower Upper

112 100

114 33.3 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.618 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

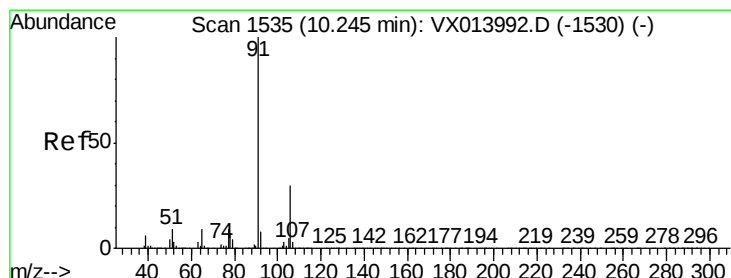
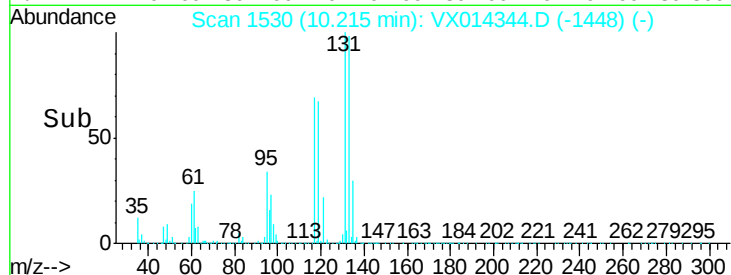
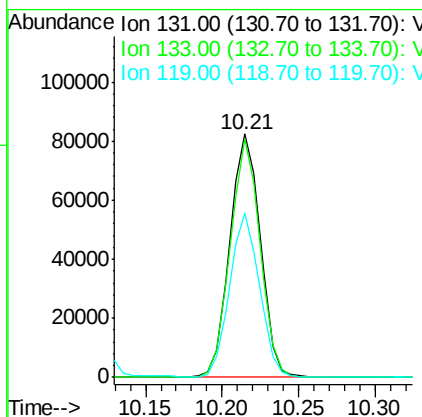
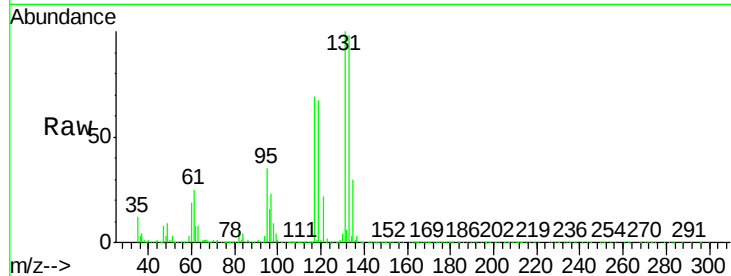
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	113837
Ion Ratio	Lower	Upper	
131	100		
133	95.7	0.0	189.8
119	66.1	0.0	132.2

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#66

Ethyl Benzene

Concen: 19.158 ug/l

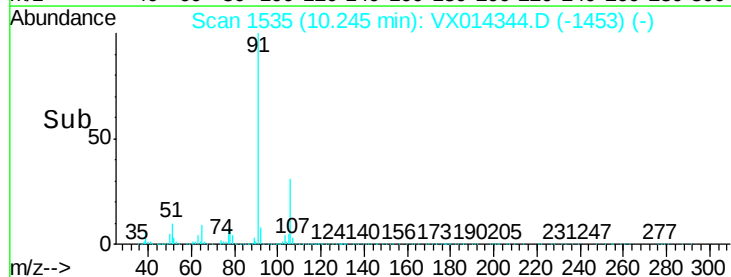
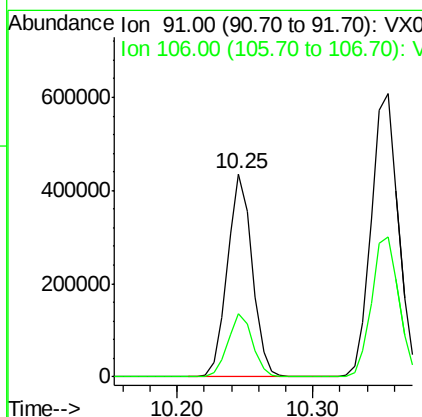
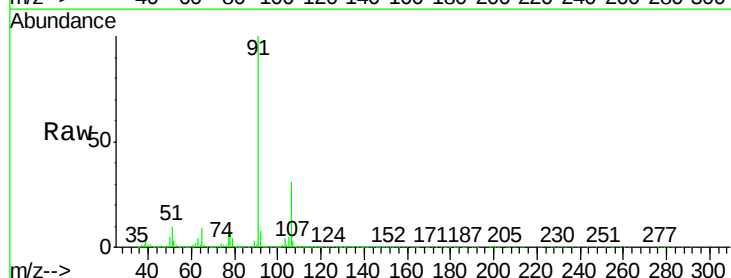
RT: 10.25 min Scan# 1535

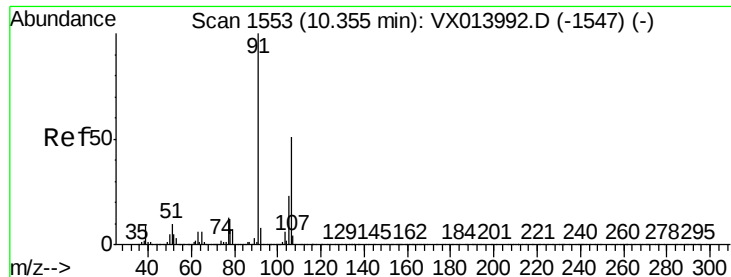
Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	91	Resp:	552574
Ion Ratio	Lower	Upper	
91	100		
106	31.2	24.2	36.2





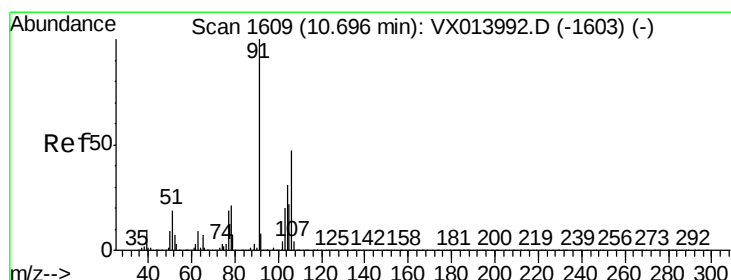
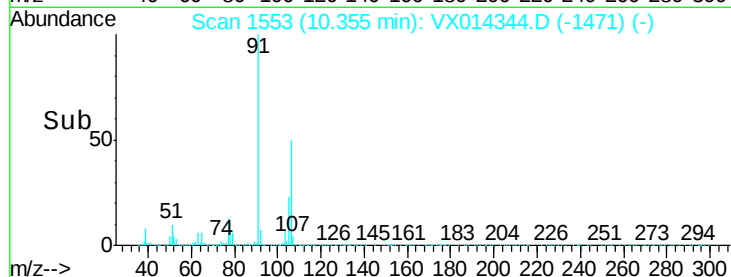
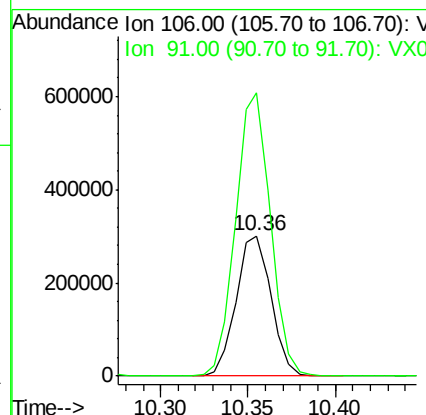
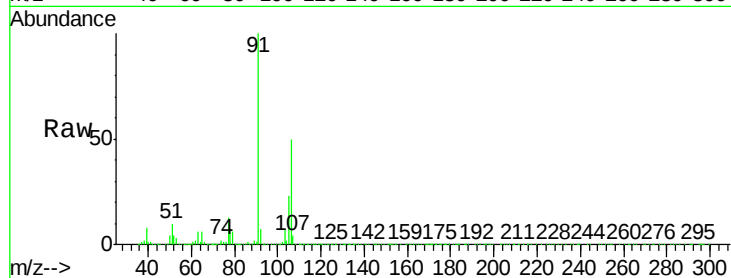
#67
m/p-Xylenes
Concen: 37.908 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.3	159.3	238.9

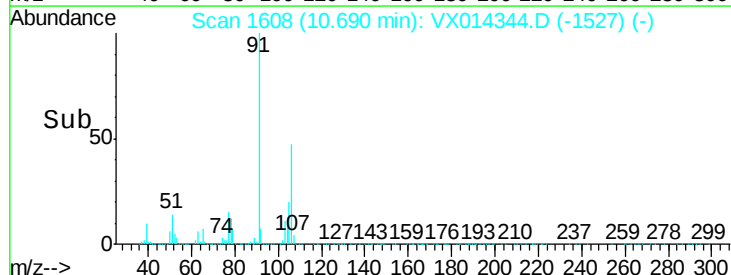
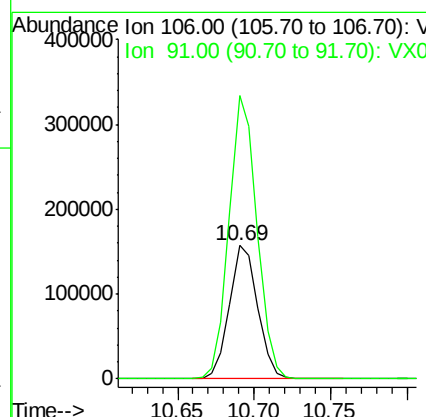
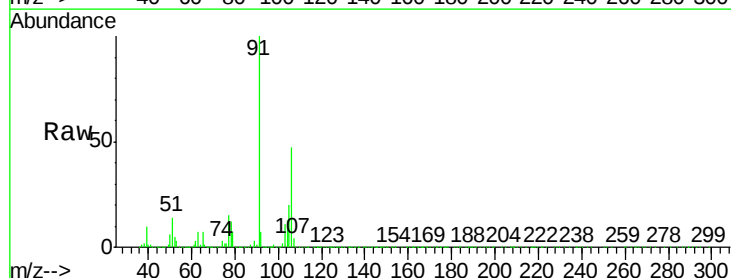
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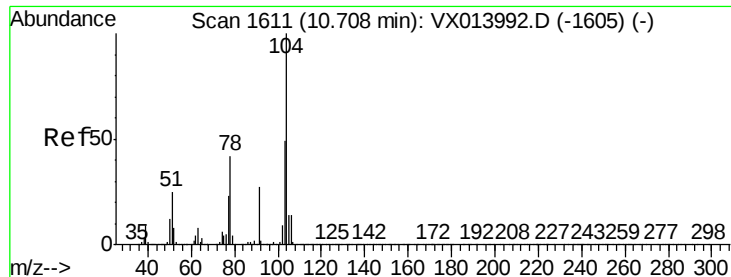
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#68
o-Xylene
Concen: 18.371 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.7	104.8	314.6





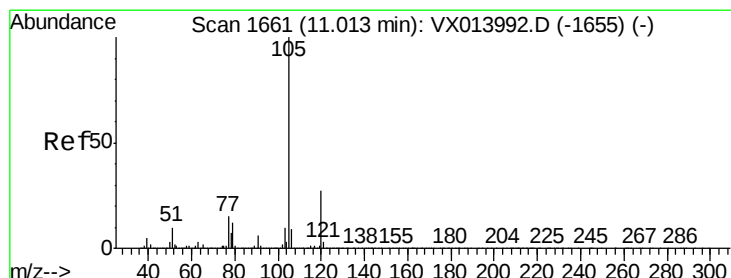
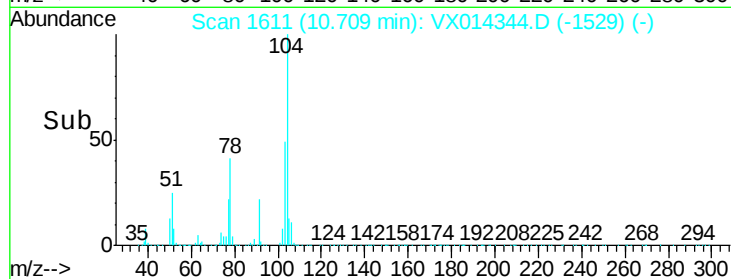
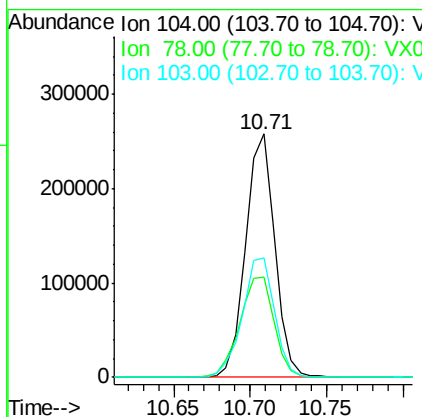
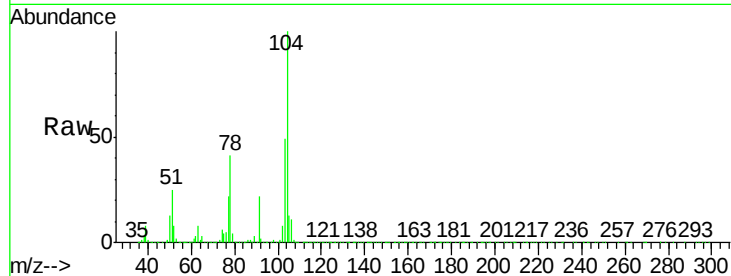
#69
Stvrene
Concen: 18.402 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	104	Resp:	341817
Ion Ratio	Lower	Upper	
104	100		
78	48.3	38.9	58.3
103	54.4	44.2	66.2

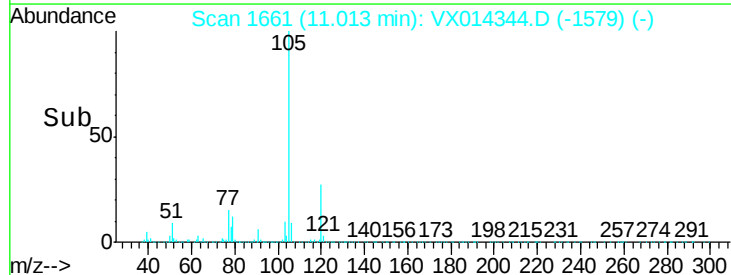
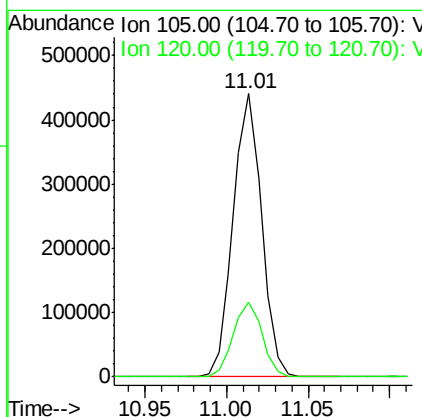
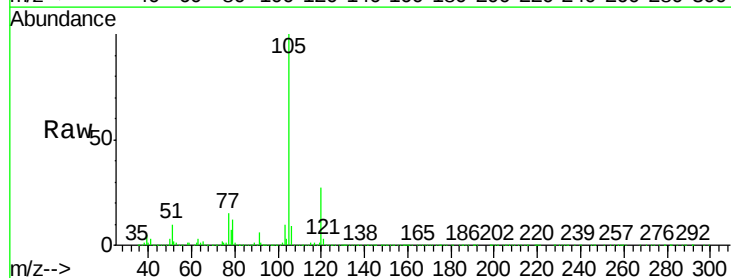
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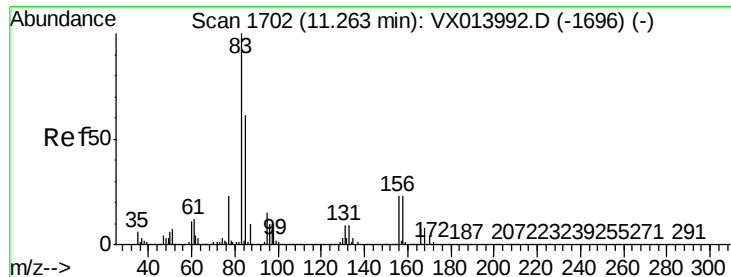
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#70
Isopropylbenzene
Concen: 18.944 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion:	105	Resp:	534725
Ion Ratio	Lower	Upper	
105	100		
120	26.8	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 17.627 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

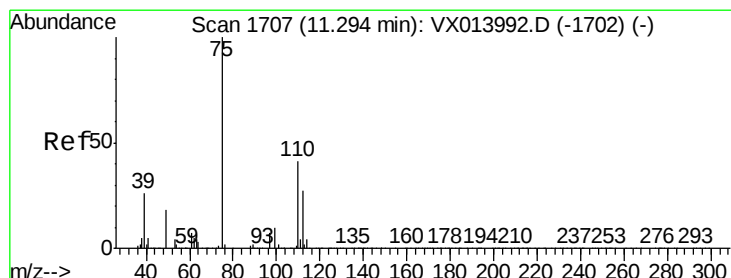
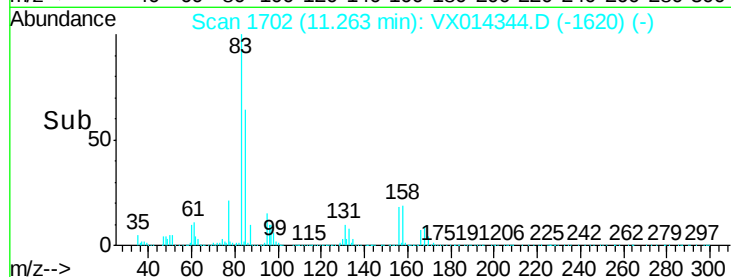
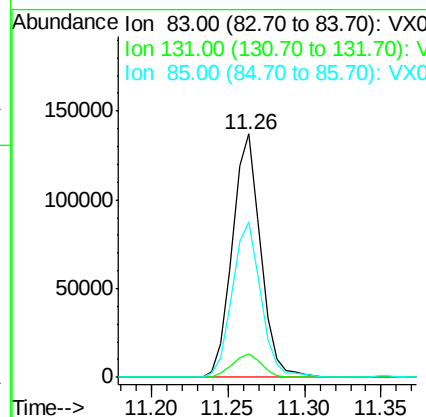
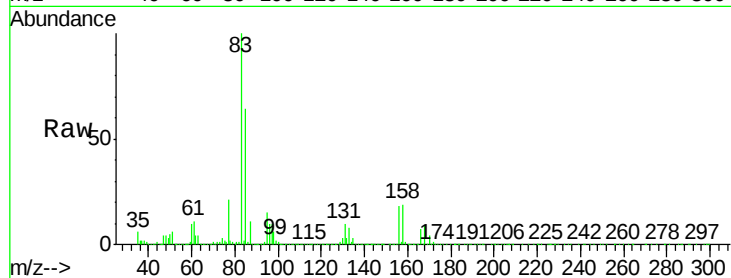
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	176451
Ion Ratio		Lower	Upper
83	100		
131	10.0	4.9	14.7
85	64.0	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 16.708 ug/l m

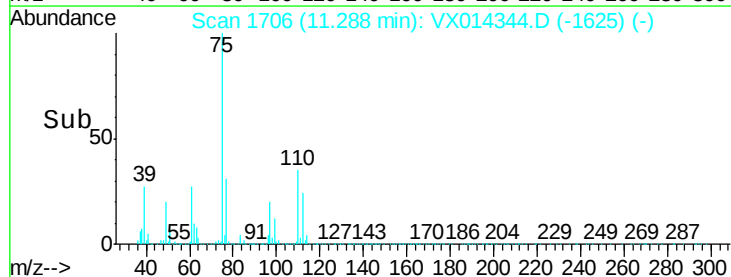
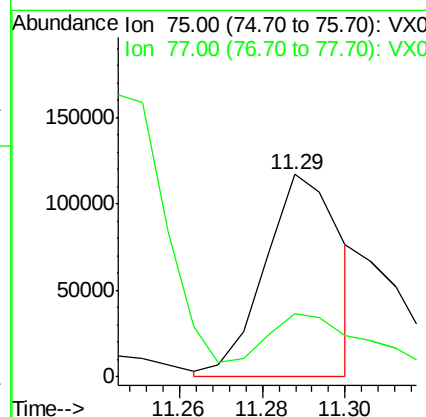
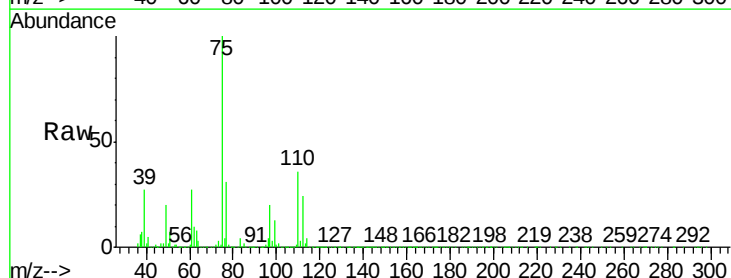
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	75	Resp:	148867
Ion Ratio		Lower	Upper
75	100		
77	41.3	0.0	68.4





#73

Bromobenzene

Concen: 18.251 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

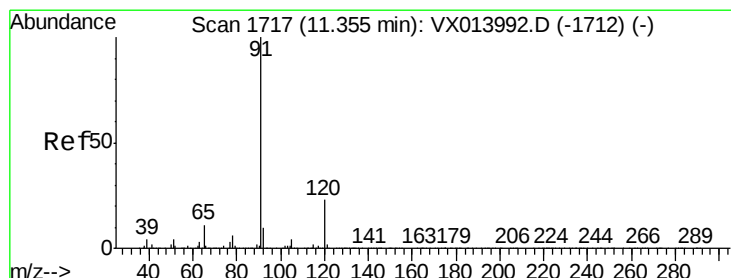
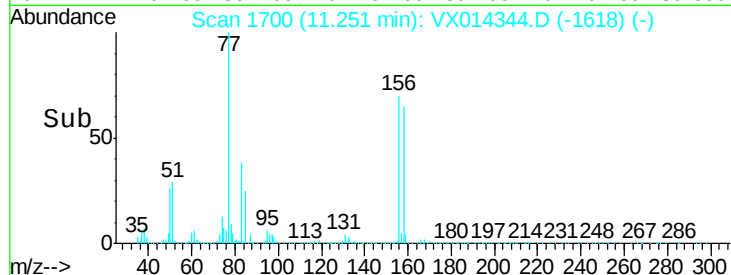
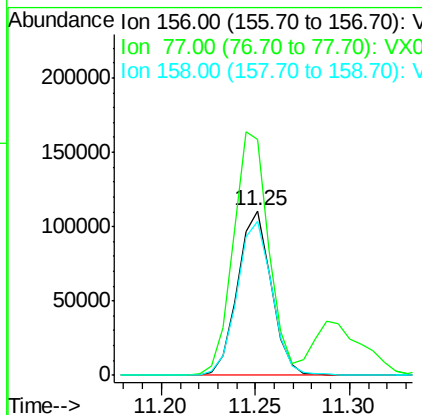
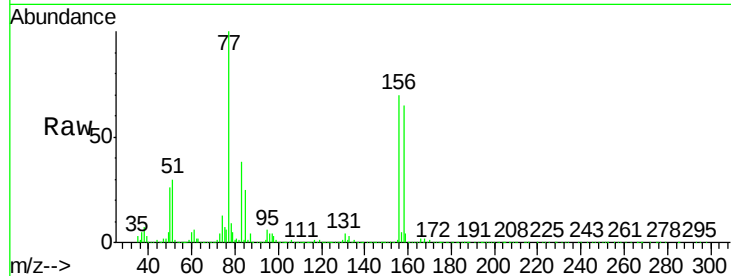
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	137521
Ion Ratio	Lower	Upper	
156	100		
77	154.1	0.0	304.6
158	97.0	0.0	195.2

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#74

n-propylbenzene

Concen: 19.394 ug/l

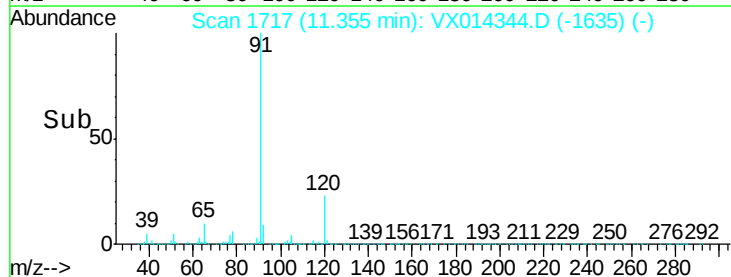
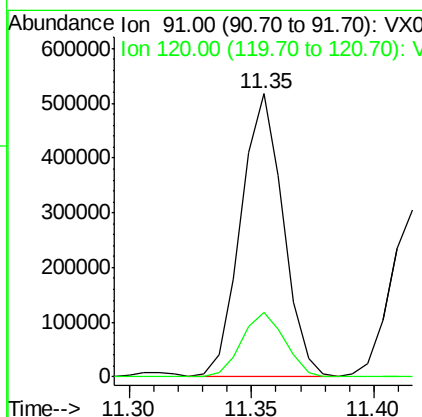
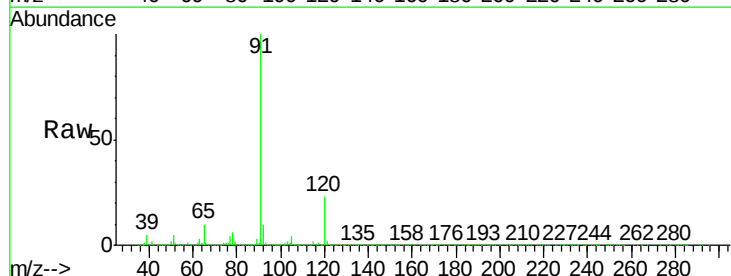
RT: 11.35 min Scan# 1717

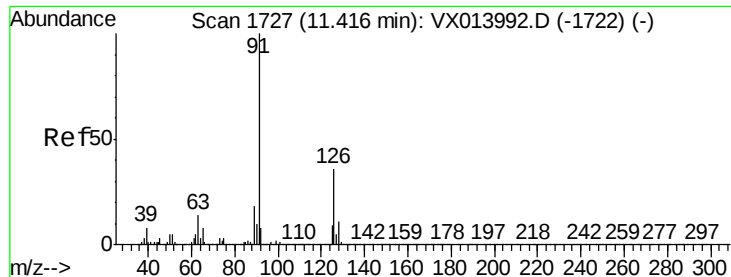
Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Tgt Ion:	91	Resp:	620902
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.022 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 367977

Ion Ratio Lower Upper

91 100

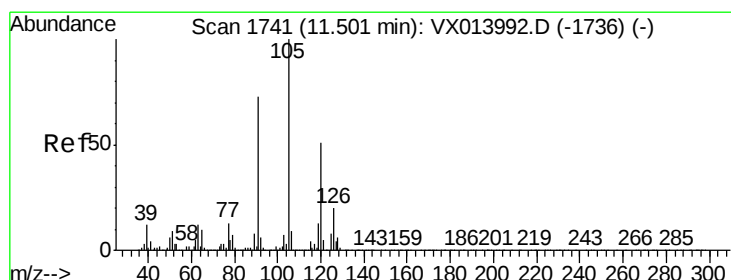
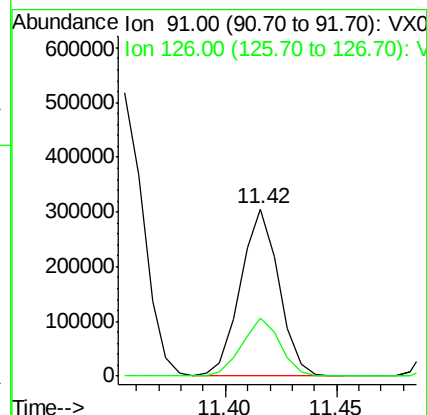
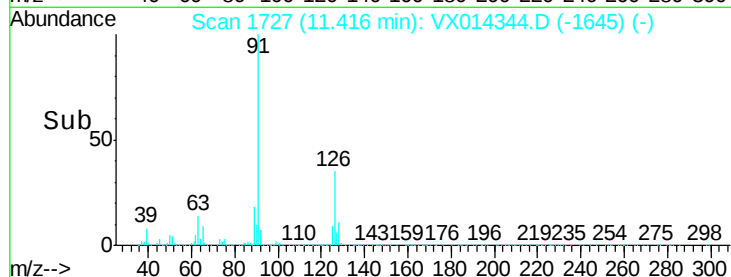
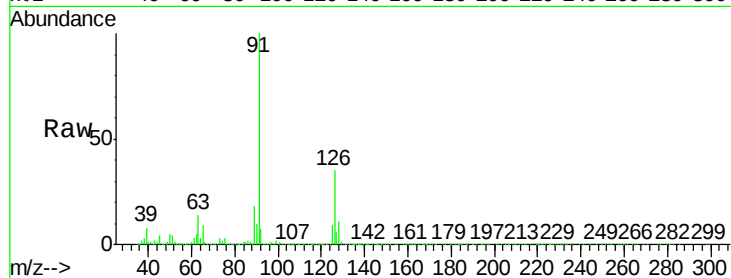
126 34.2 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.668 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014344.D

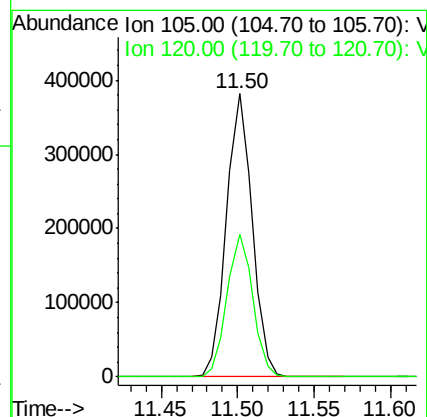
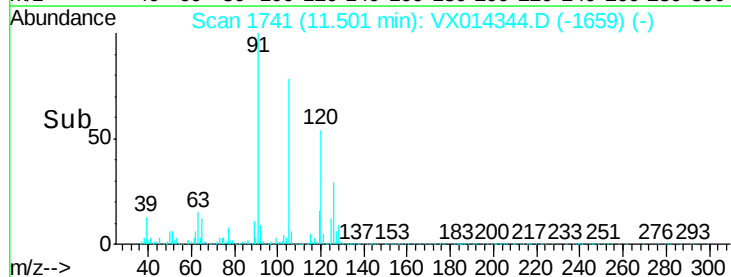
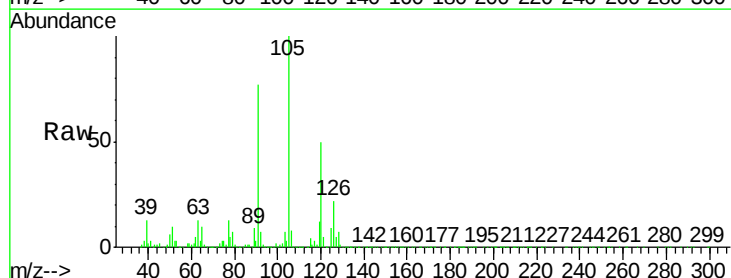
Acq: 30 Dec 2019 10:22

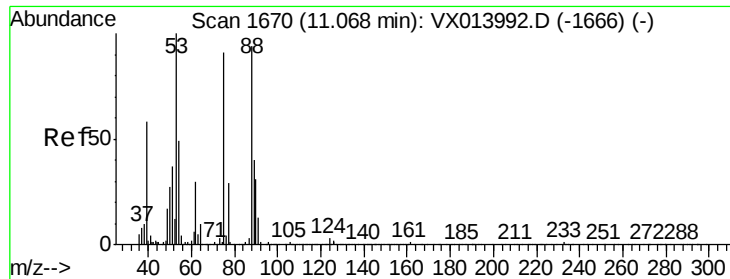
Tgt Ion: 105 Resp: 446990

Ion Ratio Lower Upper

105 100

120 50.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.636 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014344.D

Acq: 30 Dec 2019 10:22

Instrument :

MSVOA_X

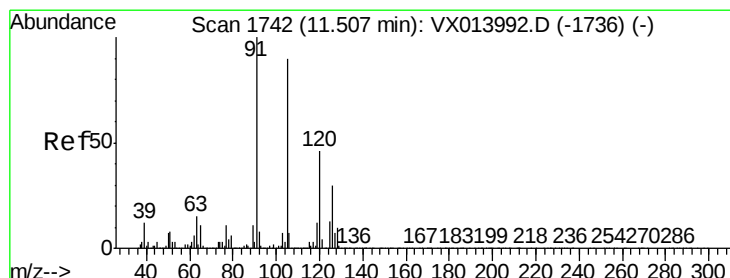
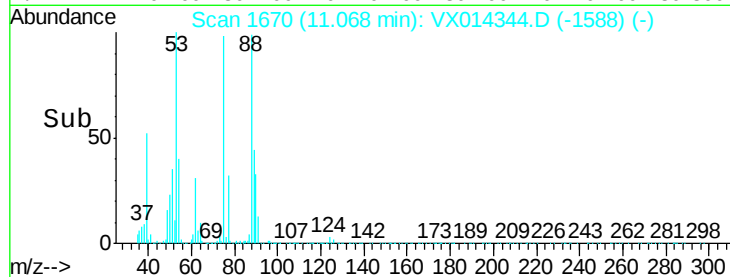
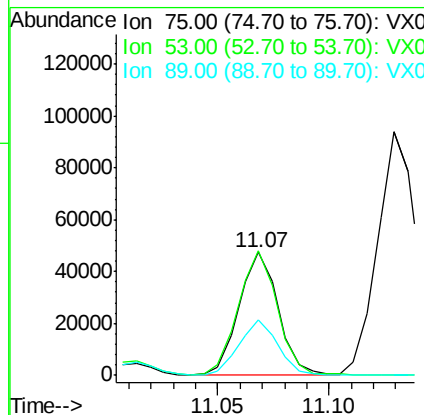
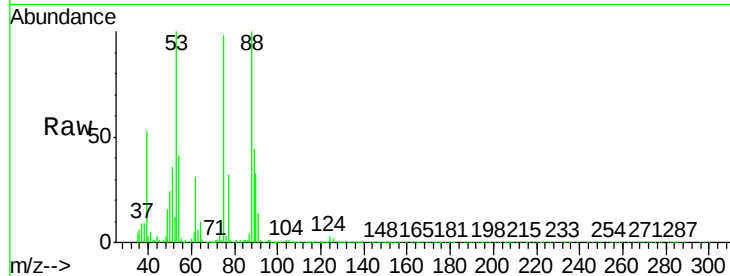
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	57775
Ion	Ratio	Lower	Upper
75	100		
53	101.7	54.4	163.1
89	44.9	21.9	65.5

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#78

4-Chlorotoluene

Concen: 18.791 ug/l

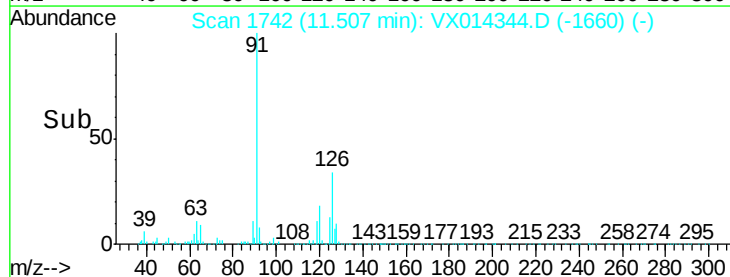
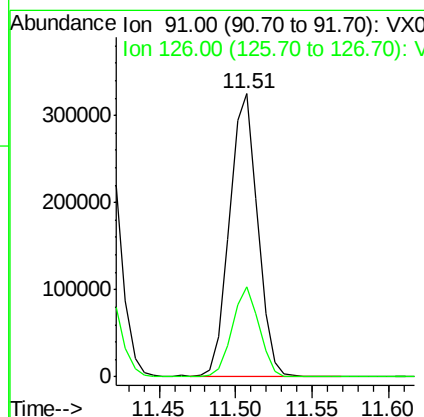
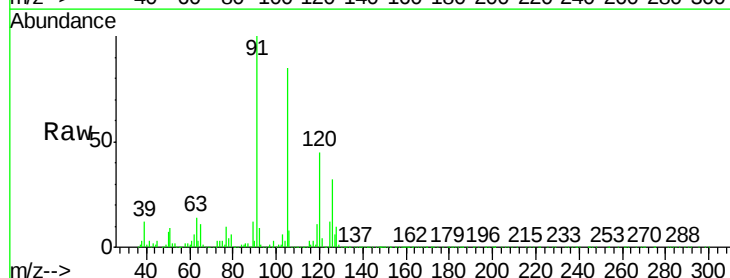
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014344.D

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Tgt Ion:	91	Resp:	415370
Ion	Ratio	Lower	Upper
91	100		
126	30.2	0.0	59.6





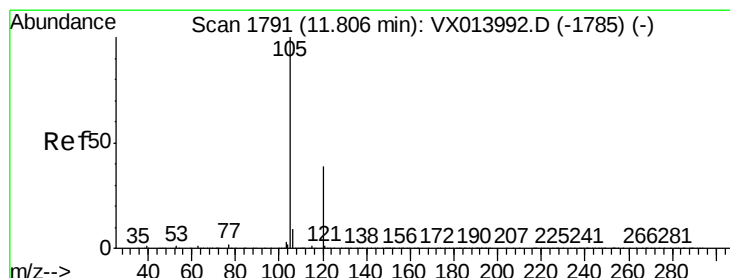
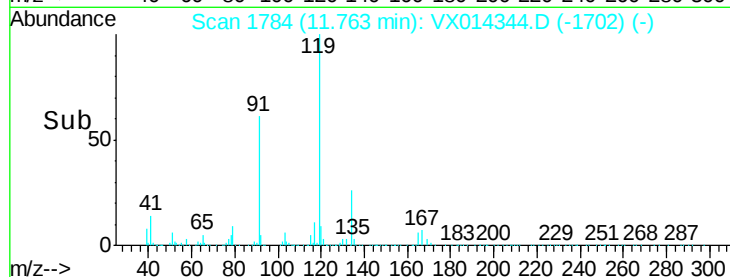
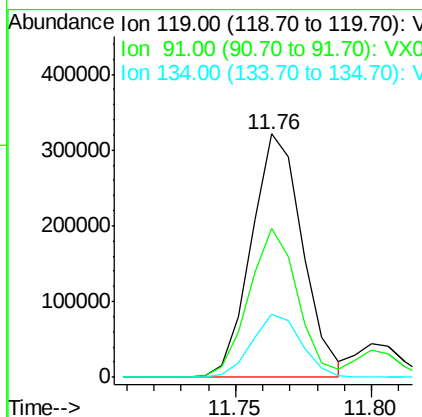
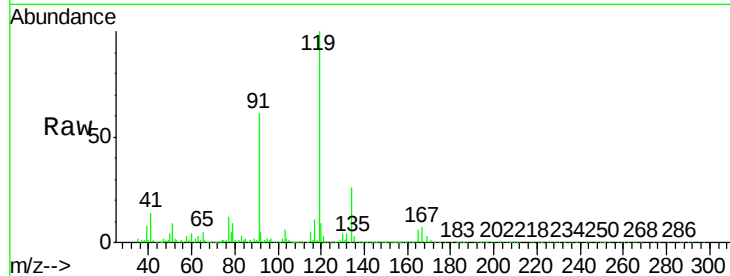
#79
tert-butylbenzene
Concen: 18.181 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	419618		
91	58.3	0.0	112.6	
134	24.9	0.0	49.8	

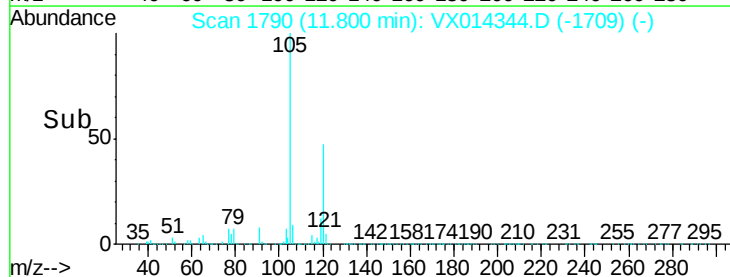
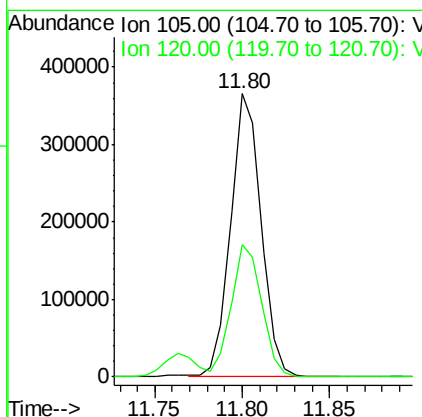
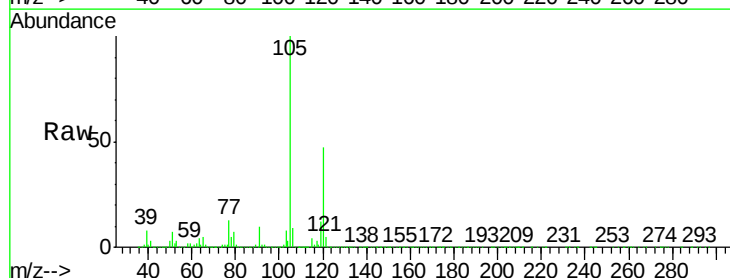
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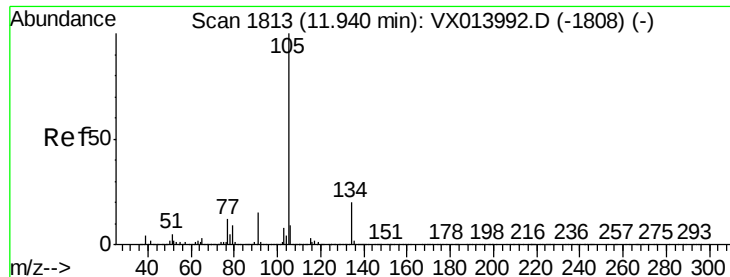
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#80
1,2,4-Trimethylbenzene
Concen: 18.467 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	442160		
120	46.6	0.0	92.0	





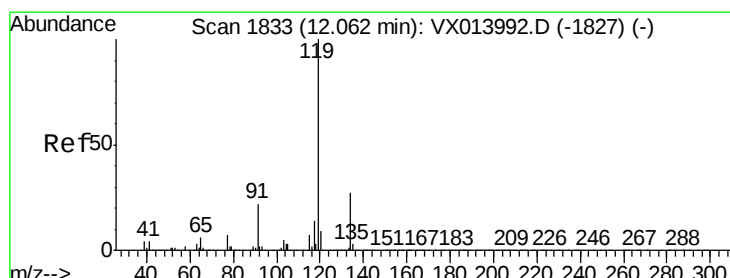
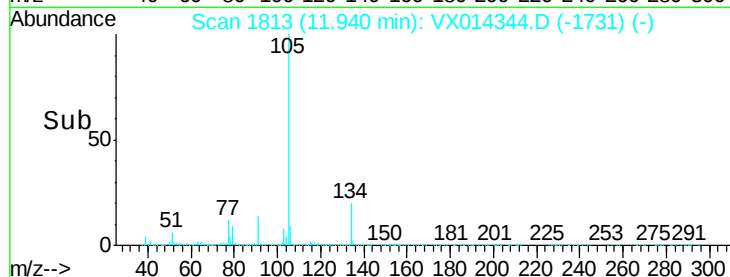
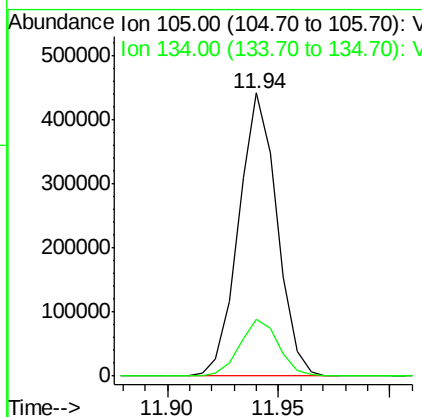
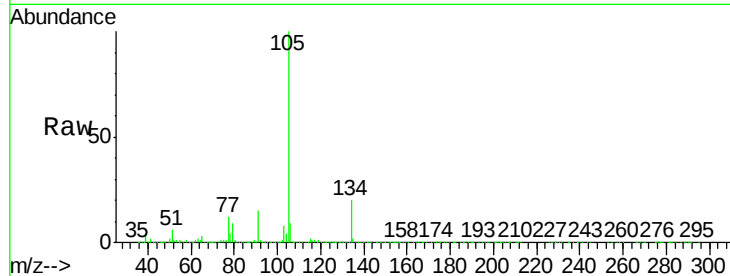
#81
 sec-Butylbenzene
 Concen: 19.257 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	528638		
134	20.0	0.0	40.2	

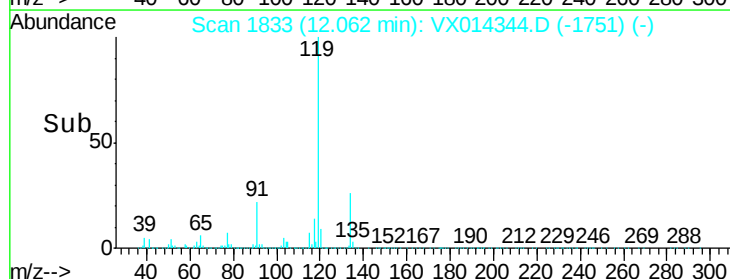
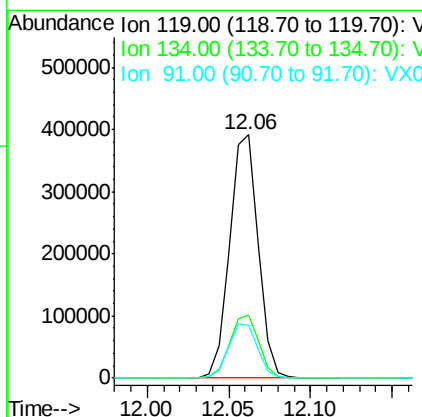
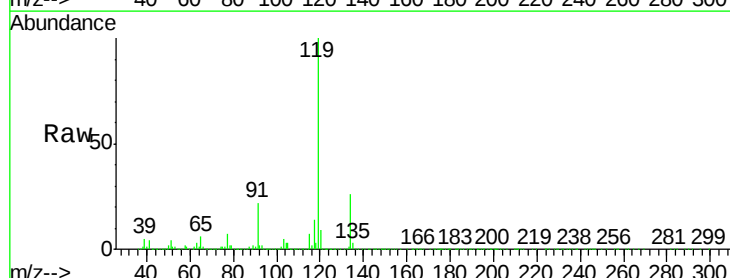
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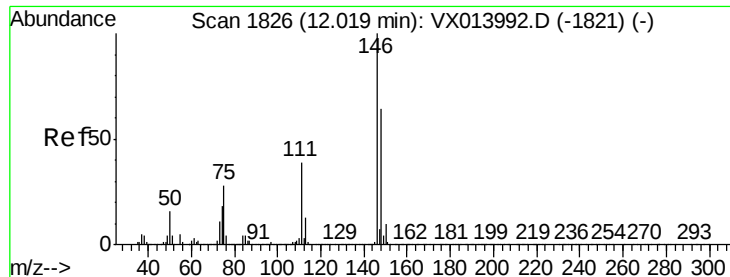
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#82
 p-Isopropyltoluene
 Concen: 19.156 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	474560		
134	26.3	0.0	53.8	
91	22.6	0.0	45.0	





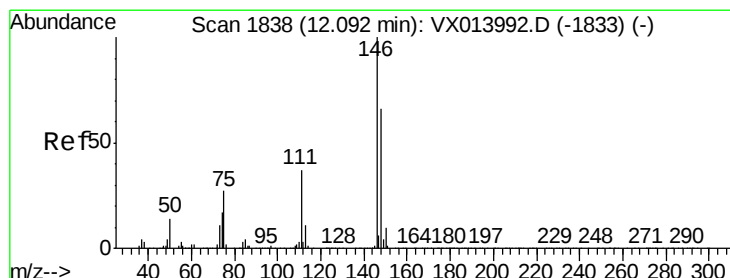
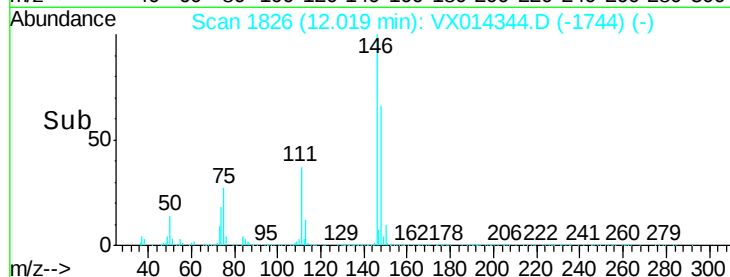
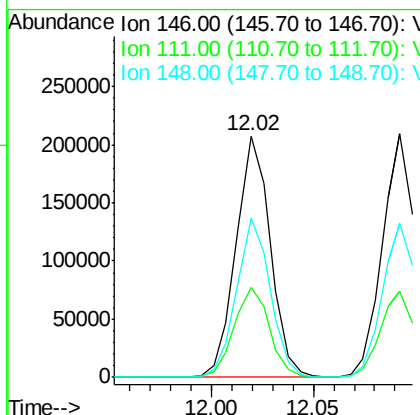
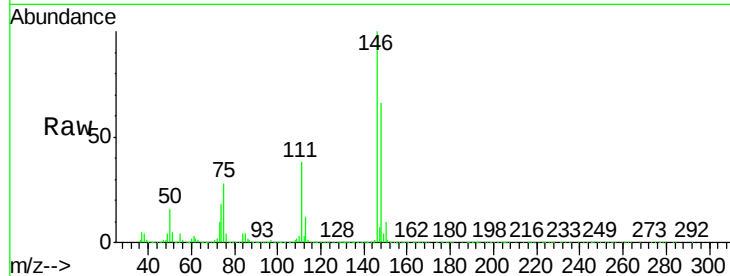
#83
 1,3-Dichlorobenzene
 Concen: 18.395 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	65.1	32.2	96.6

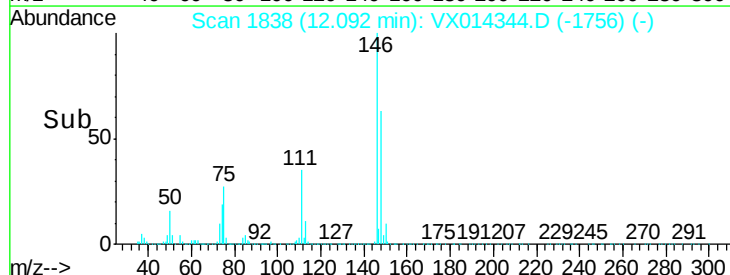
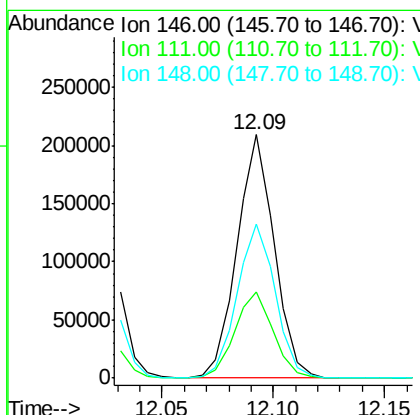
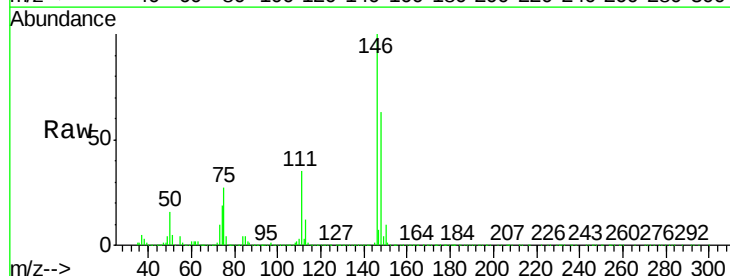
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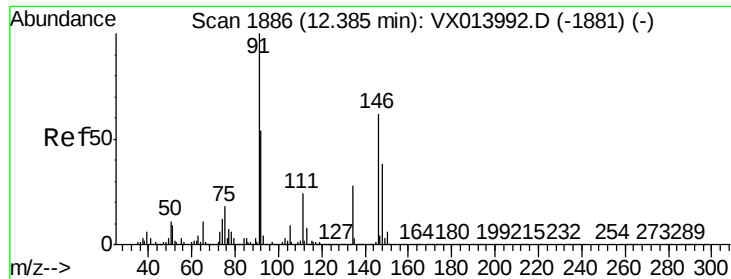
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#84
 1,4-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.4
148	64.7	32.0	96.0





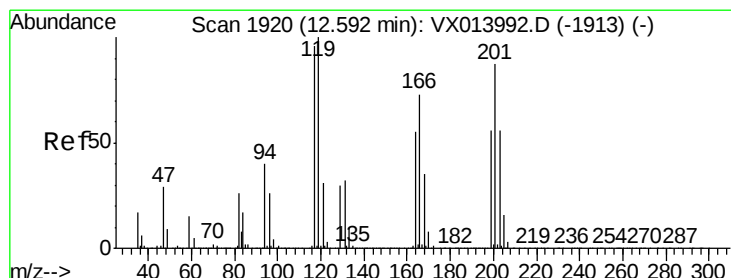
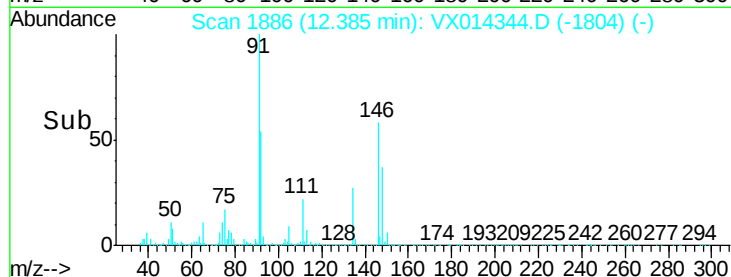
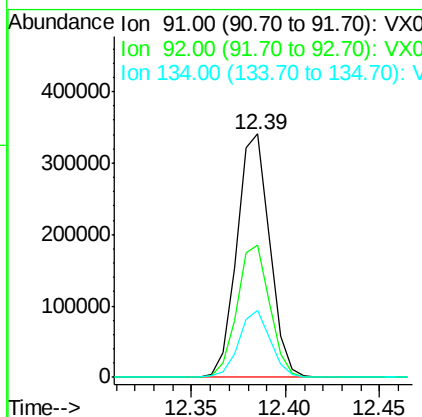
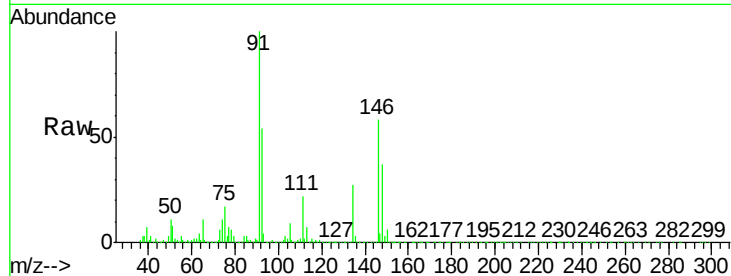
#85
n-Butylbenzene
Concen: 19.741 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	411196		
92	53.9	0.0	109.0	
134	26.3	0.0	54.0	

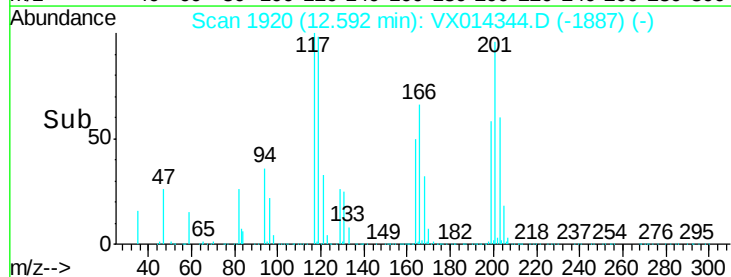
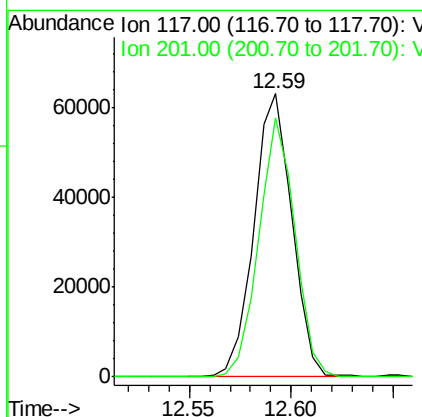
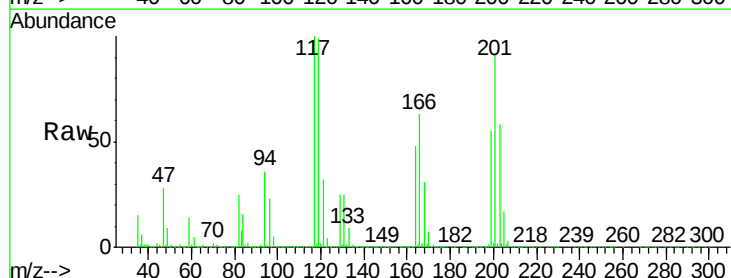
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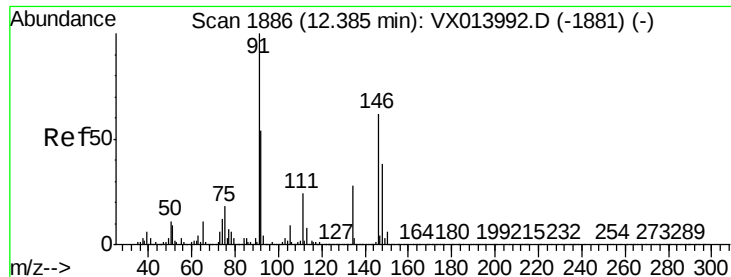
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#86
Hexachloroethane
Concen: 18.191 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81755		
201	87.0	44.8	134.3	





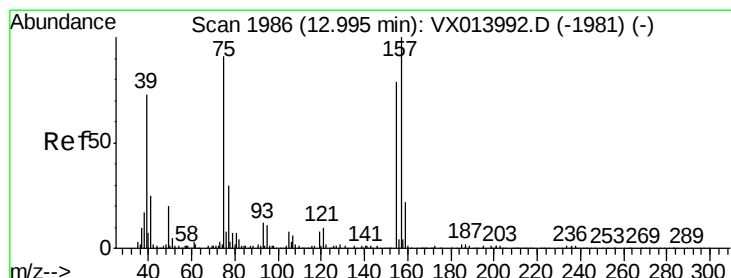
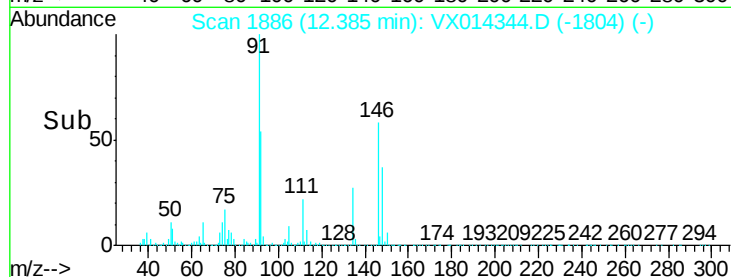
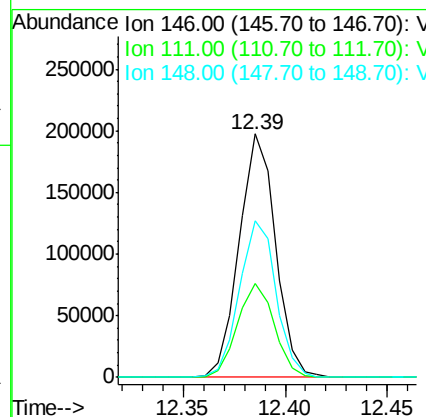
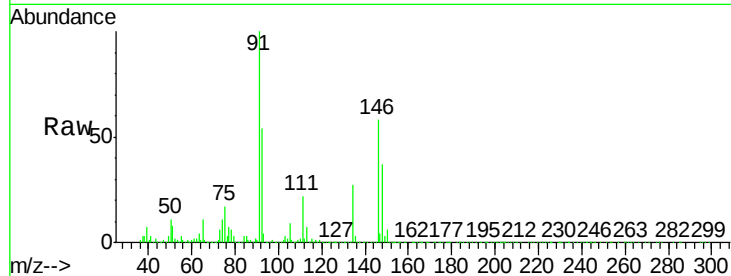
#87
 1,2-Dichlorobenzene
 Concen: 18.293 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	64.6	32.0	96.2

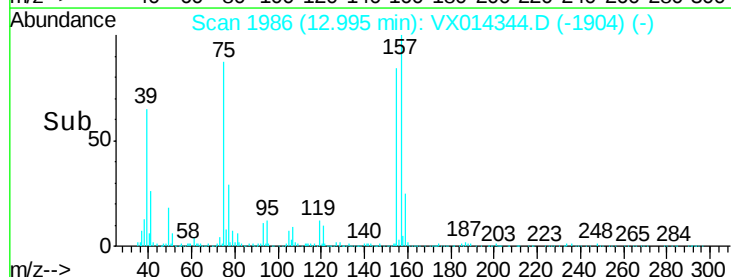
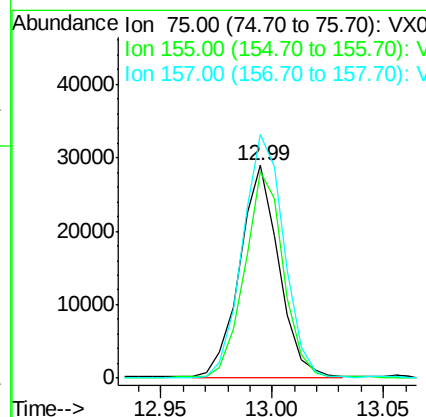
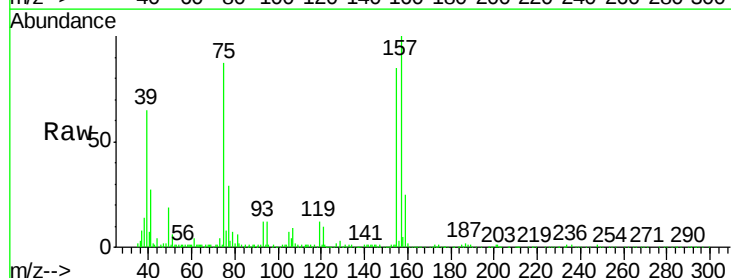
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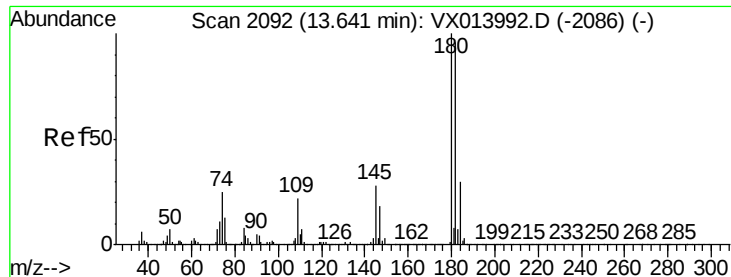
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.575 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.3	73.8	110.6
157	122.4	95.0	142.4





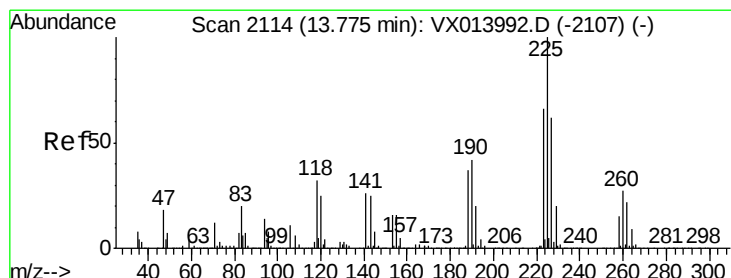
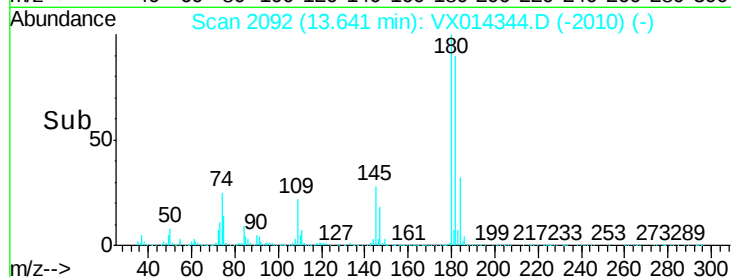
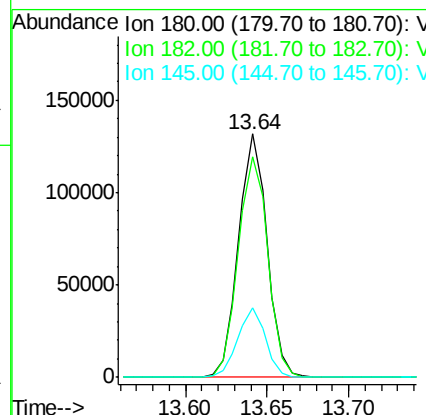
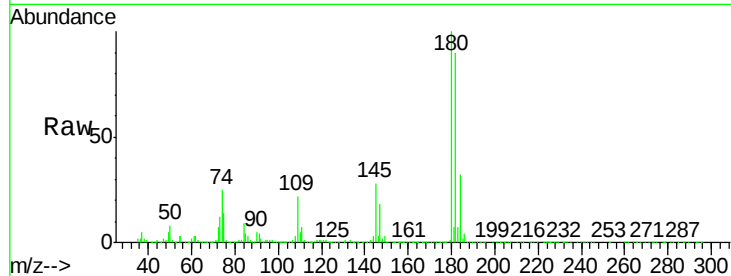
#89
 1,2,4-Trichlorobenzene
 Concen: 18.863 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160821		
182	93.6	76.4	114.6	
145	27.7	21.9	32.9	

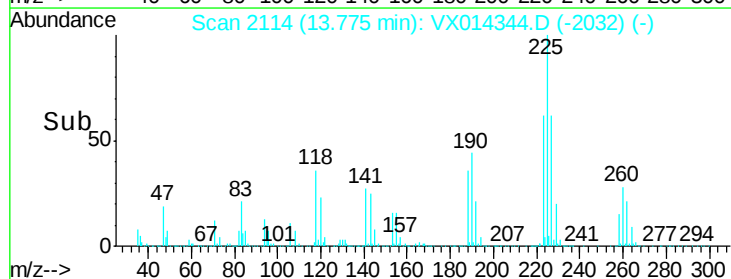
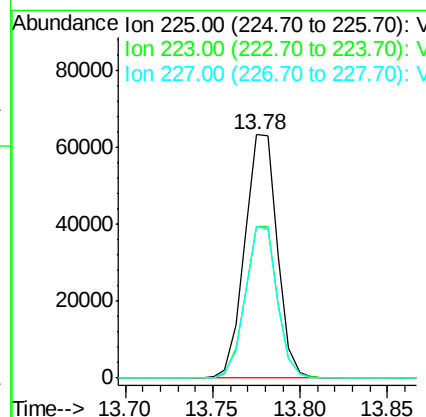
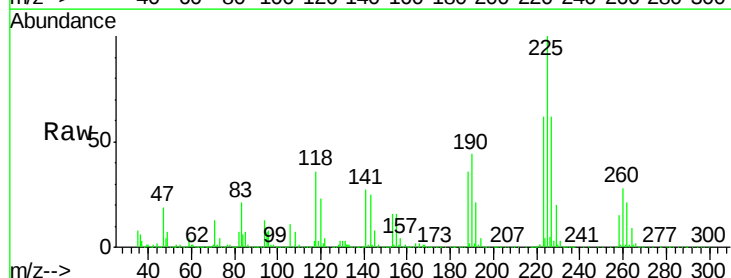
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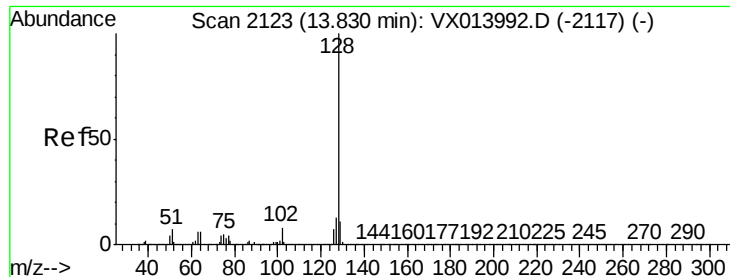
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#90
 Hexachlorobutadiene
 Concen: 20.155 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014344.D
 Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81678		
223	61.2	0.0	127.4	
227	60.7	0.0	122.8	





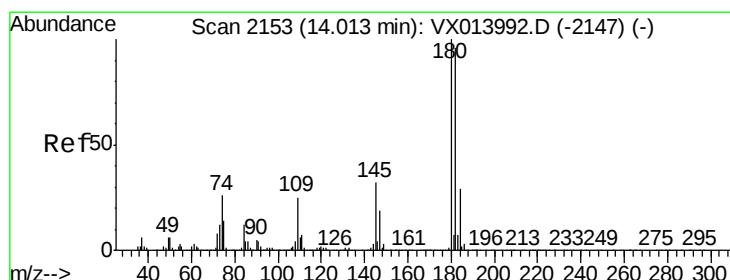
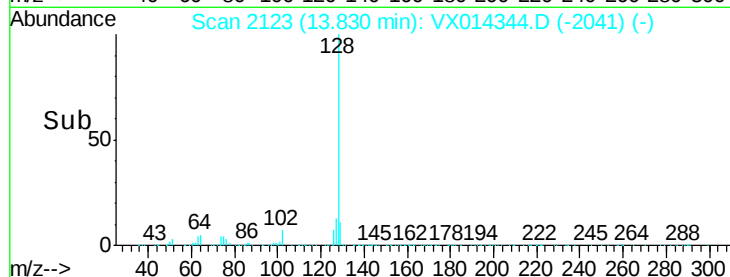
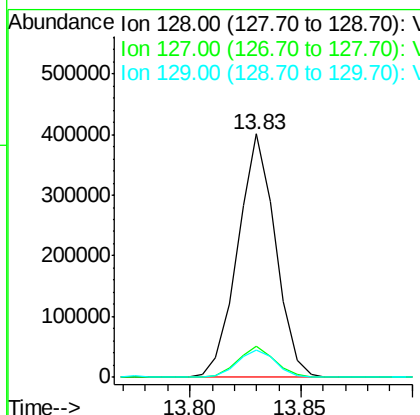
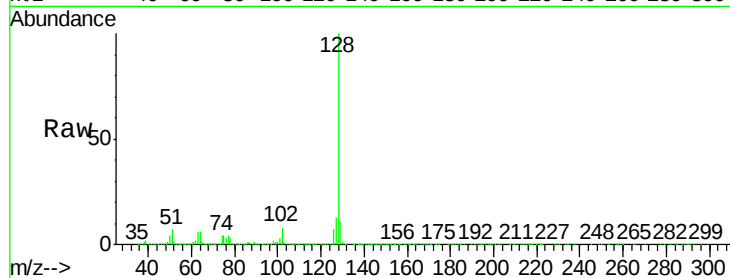
#91
Naphthalene
Concen: 18.374 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.3	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 18.392 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014344.D
Acq: 30 Dec 2019 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	192.8
145	29.9	0.0	60.0

