

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014415.D
 Acq On : 03 Jan 2020 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 1/6/2020 10:42:15 AM

Quant Time: Jan 06 03:57:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	487403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	674416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	284431	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.49	113	238451	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.71	98	908358	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	328217	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	170691	39.145	ug/l	99
3) Chloromethane	1.32	50	235763	40.289	ug/l	99
4) Vinyl Chloride	1.40	62	262878	42.573	ug/l	99
5) Bromomethane	1.63	94	195937	44.709	ug/l	100
6) Chloroethane	1.71	64	172389	45.235	ug/l	97
7) Trichlorofluoromethane	1.92	101	356425	46.630	ug/l	99
8) Diethyl Ether	2.18	74	167730	46.756	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	220047	47.757	ug/l	98
10) Methyl Iodide	2.50	142	281286	46.486	ug/l	100
11) Tert butyl alcohol	3.03	59	306480	256.766	ug/l	99
12) 1,1-Dichloroethene	2.36	96	215932	46.056	ug/l	99
13) Acrolein	2.28	56	171663	251.239	ug/l	96
14) Allyl chloride	2.72	41	396667	47.385	ug/l	99
15) Acrylonitrile	3.13	53	721254	258.886	ug/l	99
16) Acetone	2.43	43	644992	179.850	ug/l	99
17) Carbon Disulfide	2.56	76	492492	38.020	ug/l	99
18) Methyl Acetate	2.76	43	378705	53.291	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	785229	50.967	ug/l	98
20) Methylene Chloride	2.85	84	256461	45.412	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	230326	44.591	ug/l	98
22) Diisopropyl ether	3.84	45	835946	50.112	ug/l	97
23) Vinyl Acetate	3.80	43	3154951	231.757	ug/l	99
24) 1,1-Dichloroethane	3.69	63	440438	47.456	ug/l	100
25) 2-Butanone	4.65	43	1019664	230.617	ug/l	99
26) 2,2-Dichloropropane	4.58	77	327848	45.497	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278157	47.616	ug/l	99
28) Bromochloromethane	5.00	49	190844	53.436	ug/l	99
29) Tetrahydrofuran	5.12	42	646189	261.293	ug/l	100
30) Chloroform	5.20	83	435497	49.498	ug/l	100
31) Cyclohexane	5.57	56	373151	45.206	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	370060	49.351	ug/l	98
36) 1,1-Dichloropropene	5.79	75	317006	46.219	ug/l	99
37) Ethyl Acetate	4.82	43	387988	51.226	ug/l	100
38) Carbon Tetrachloride	5.78	117	306025	48.978	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384828	45.440	ug/l	99
40) Benzene	6.14	78	996308	47.210	ug/l	99
41) Methacrylonitrile	5.03	41	216601	51.542	ug/l	99
42) 1,2-Dichloroethane	6.18	62	347765	48.614	ug/l	100
43) Isopropyl Acetate	6.43	43	649729	51.835	ug/l	100
44) Trichloroethene	7.20	130	282765	48.510	ug/l	99
45) 1,2-Dichloropropane	7.51	63	271822	50.253	ug/l	96
46) Dibromomethane	7.65	93	170064	47.555	ug/l	97
47) Bromodichloromethane	7.89	83	344045	51.082	ug/l	97
48) Methyl methacrylate	7.76	41	311095	50.685	ug/l	100
49) 1,4-Dioxane	7.73	88	117442	940.240	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2011901	255.579	ug/l	100
52) Toluene	8.78	92	639340	47.931	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	378960	51.314	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	422212	51.317	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	271060	50.702	ug/l	99
56) Ethyl methacrylate	9.17	69	432345	51.483	ug/l	99
57) 1,3-Dichloropropane	9.37	76	451170	50.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	847255	266.597	ug/l	99
59) 2-Hexanone	9.48	43	1537807	242.674	ug/l	100
60) Dibromochloromethane	9.57	129	282551	53.171	ug/l	100
61) 1,2-Dibromoethane	9.67	107	275668	50.397	ug/l	99
64) Tetrachloroethene	9.33	164	364074	61.007	ug/l	97
65) Chlorobenzene	10.14	112	693431	48.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	262575	51.283	ug/l	99
67) Ethyl Benzene	10.25	91	1209201	49.048	ug/l	100
68) m/p-Xylenes	10.35	106	923235	97.367	ug/l	99
69) o-Xylene	10.70	106	450215	48.413	ug/l	99
70) Styrene	10.71	104	783816	49.844	ug/l	99
71) Bromoform	10.85	173	223994	54.424	ug/l	98
73) Isopropylbenzene	11.01	105	1194751	49.812	ug/l	100
74) N-amyl acetate	10.89	43	573956	51.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	402403	48.392	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	335198m	45.323	ug/l	
77) Bromobenzene	11.25	156	317693	48.141	ug/l	97
78) n-propylbenzene	11.35	91	1341754	49.873	ug/l	99
79) 2-Chlorotoluene	11.42	91	796688	48.715	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1001091	49.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135826	51.837	ug/l	99
82) 4-Chlorotoluene	11.51	91	922978	48.654	ug/l	99
83) tert-Butylbenzene	11.76	119	905981	46.119	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1009070	49.917	ug/l	100
85) sec-Butylbenzene	11.94	105	1159252	49.988	ug/l	99
86) p-Isopropyltoluene	12.06	119	1066960	50.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	555161	48.000	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	552613	46.990	ug/l	99
89) n-Butylbenzene	12.39	91	907403	50.131	ug/l	99
90) Hexachloroethane	12.59	117	192324	50.475	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	562640	48.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89700	48.746	ug/l	96

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VSTDCCC050EC

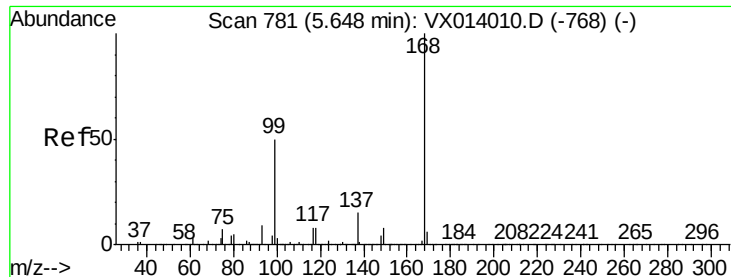
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	377877	49.935	ug/l	98
94) Hexachlorobutadiene	13.78	225	184896	50.840	ug/l	98
95) Naphthalene	13.83	128	1181702	53.150	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	382286	51.176	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 487403

Ion Ratio Lower Upper

168 100

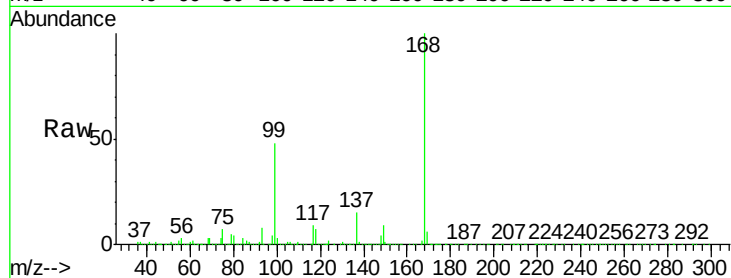
99 47.7 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

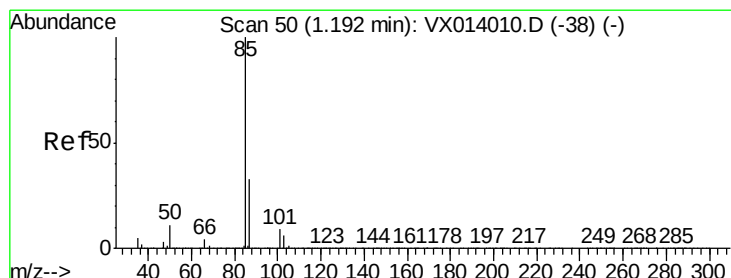
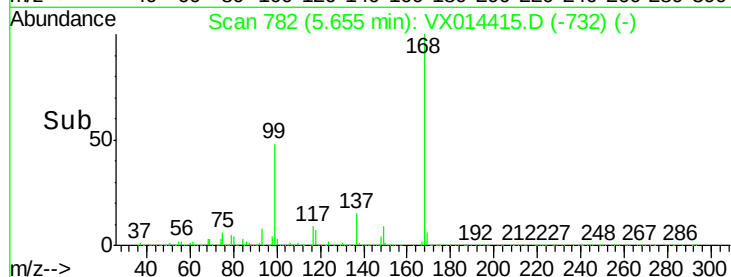
50000

0

5.50 5.60 5.70 5.80 5.90

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 39.145 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014415.D

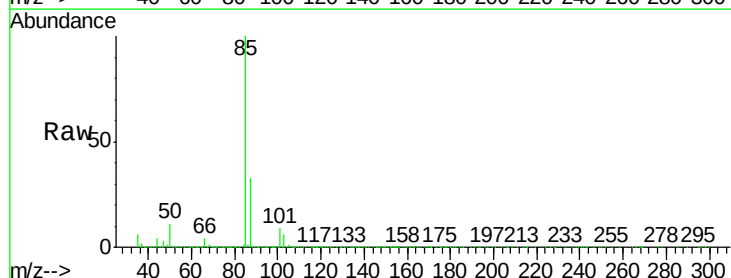
Acq: 03 Jan 2020 20:53

Tgt Ion: 85 Resp: 170691

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

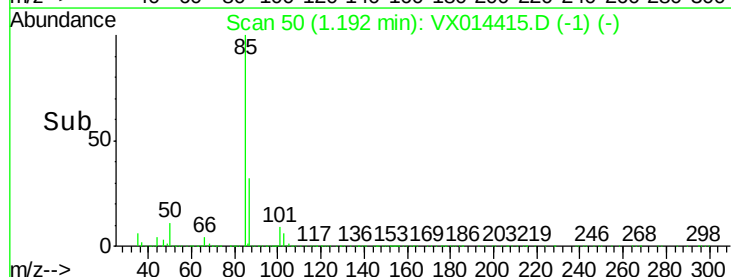
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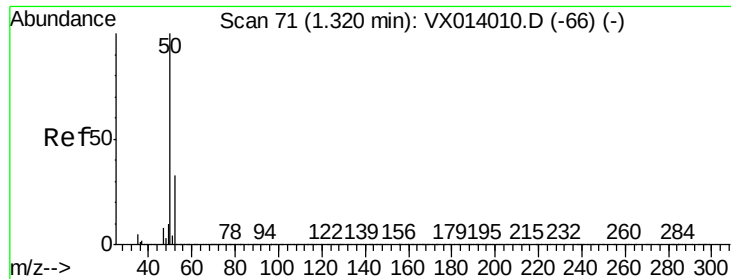
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1.10 1.15 1.20 1.25 1.30

1.19

Time-->





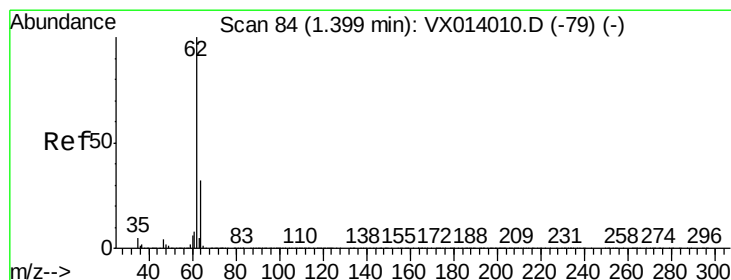
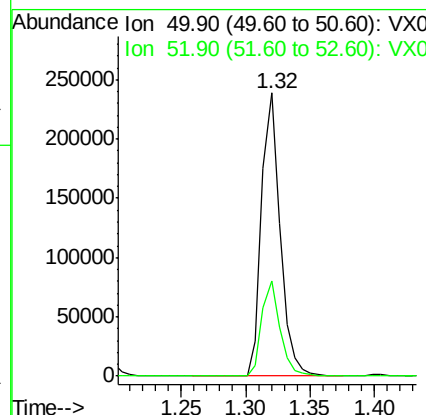
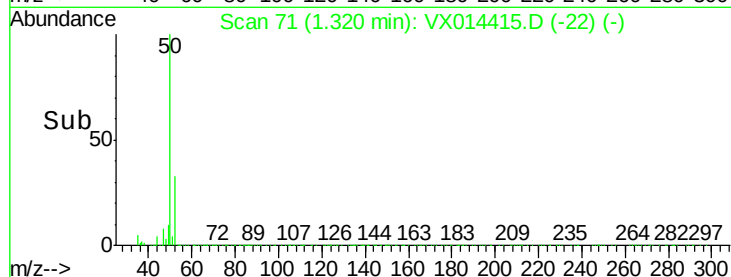
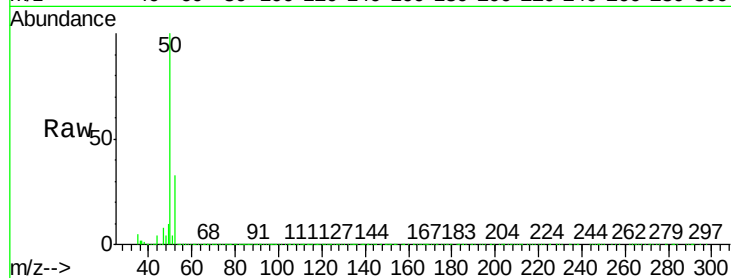
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Chloromethane
Concen: 40.289 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.2	39.4

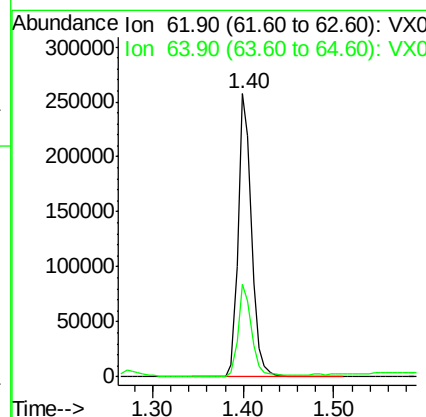
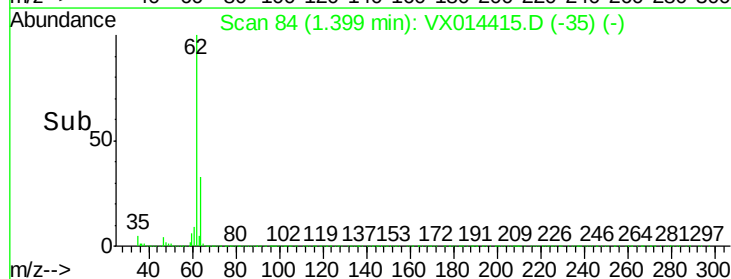
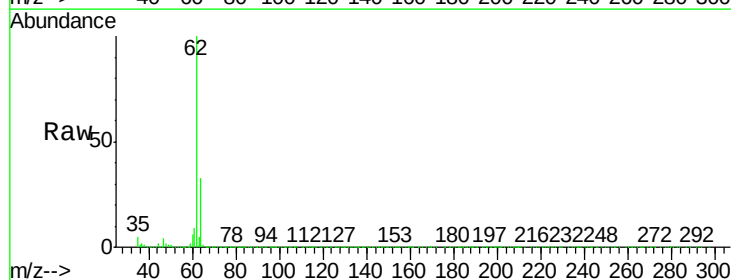
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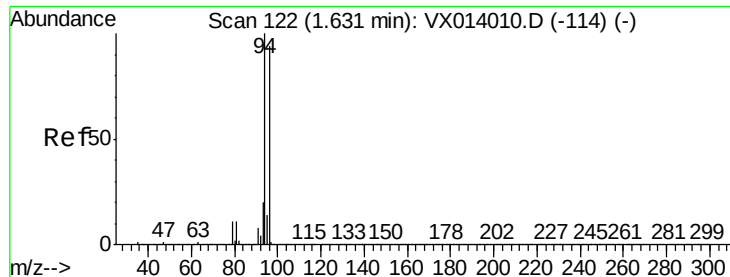
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#4
Vinyl Chloride
Concen: 42.573 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.7	38.5





#5

Bromomethane

Concen: 44.709 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 195937

Ion Ratio Lower Upper

94 100

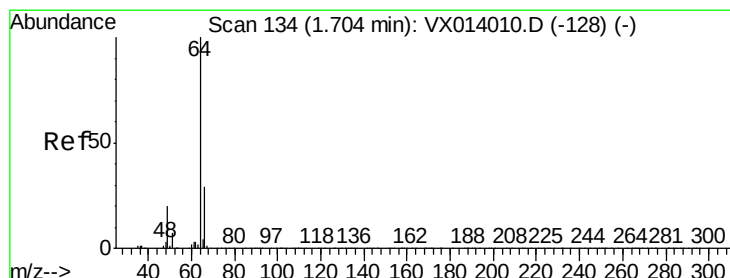
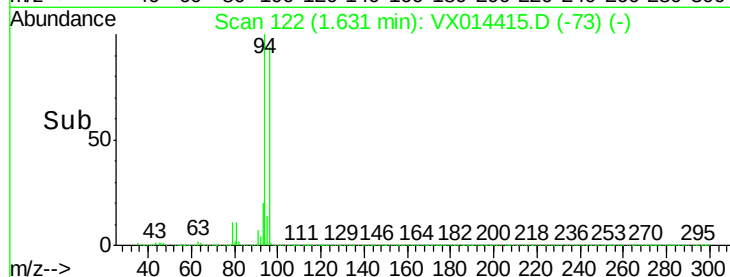
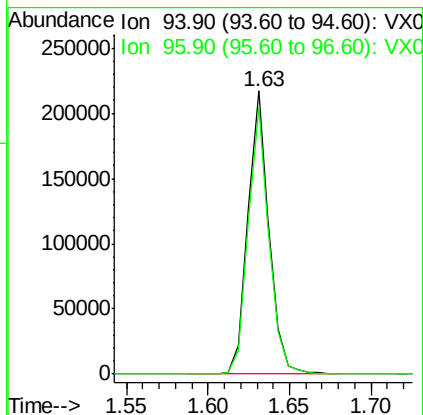
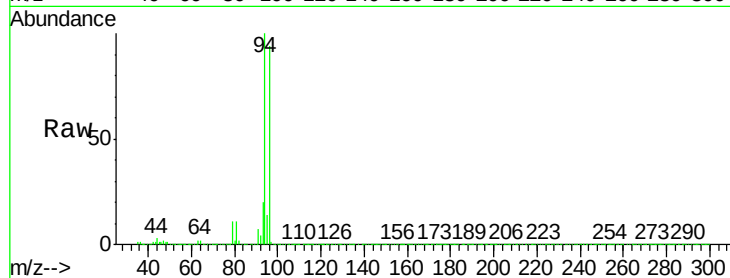
96 94.0 75.2 112.8

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#6

Chloroethane

Concen: 45.235 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014415.D

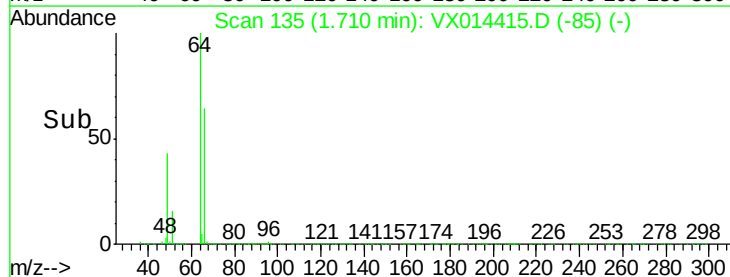
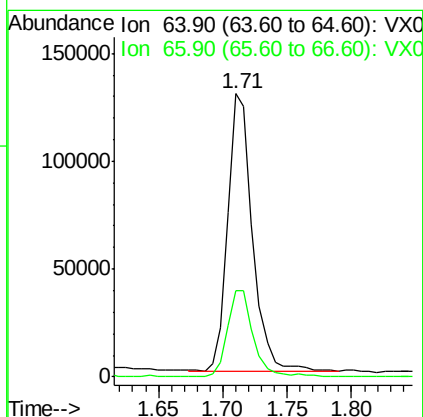
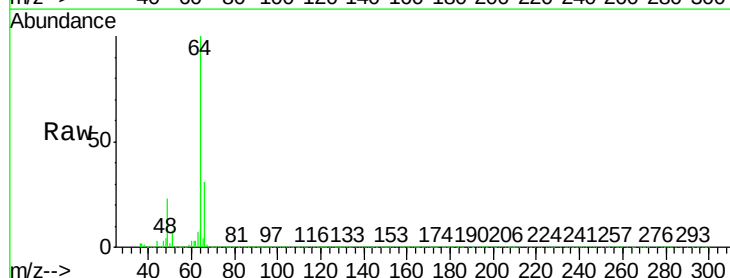
Acq: 03 Jan 2020 20:53

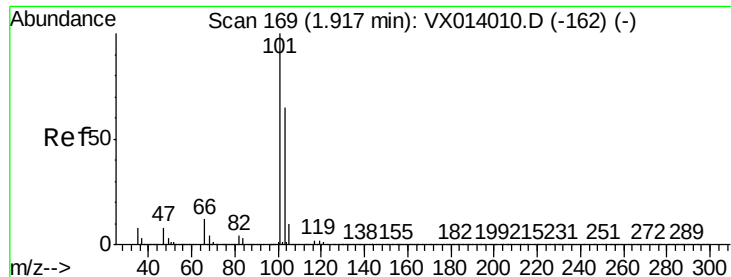
Tgt Ion: 64 Resp: 172389

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2





#7

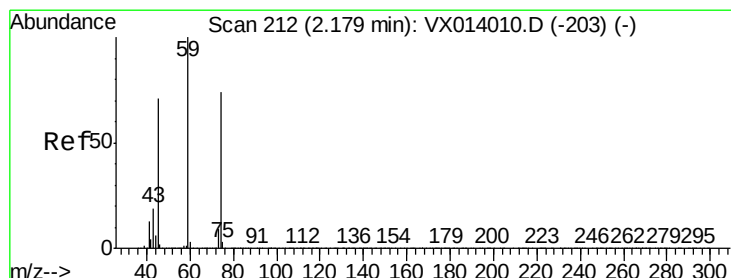
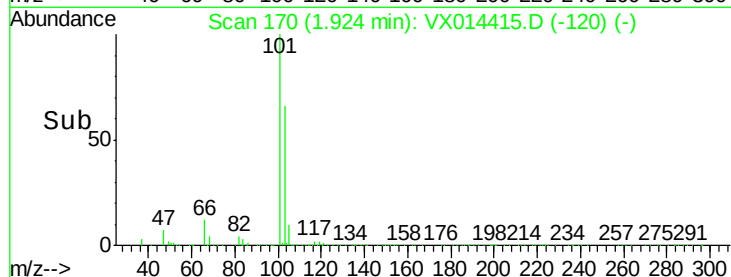
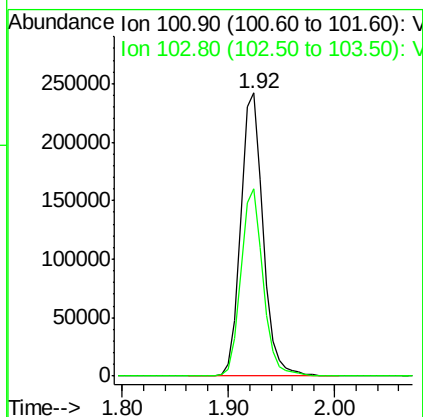
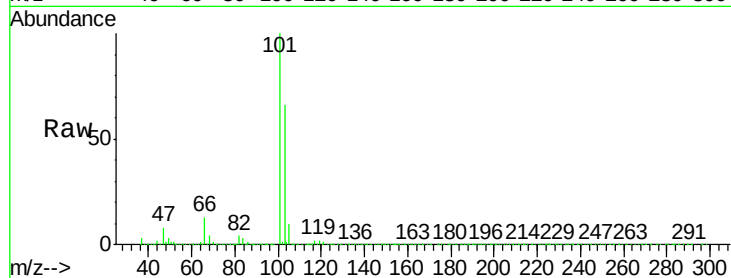
Trichlorofluoromethane
Concen: 46.630 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

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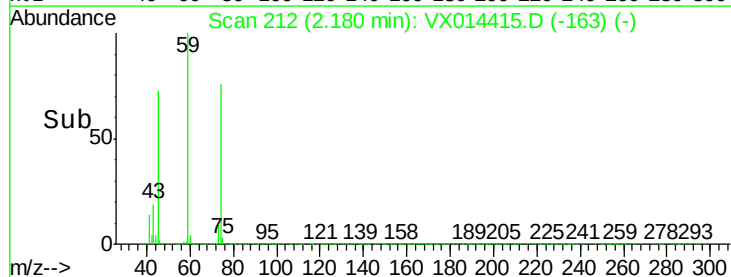
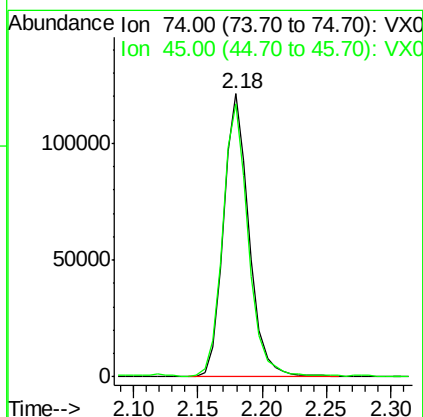
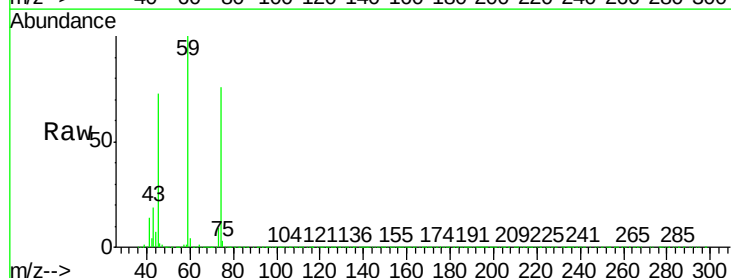
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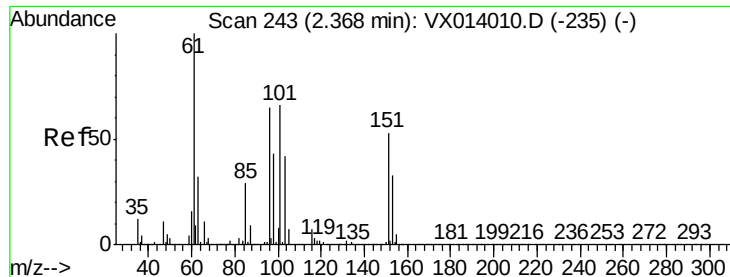


#8

Diethyl Ether
Concen: 46.756 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.757 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

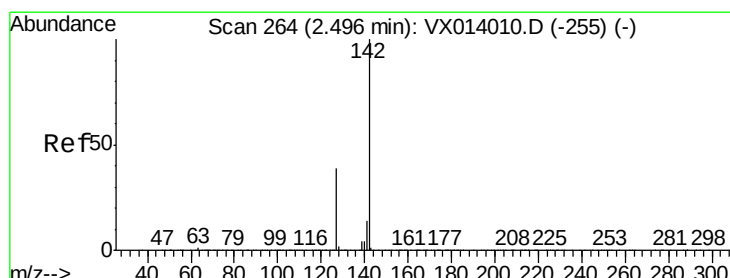
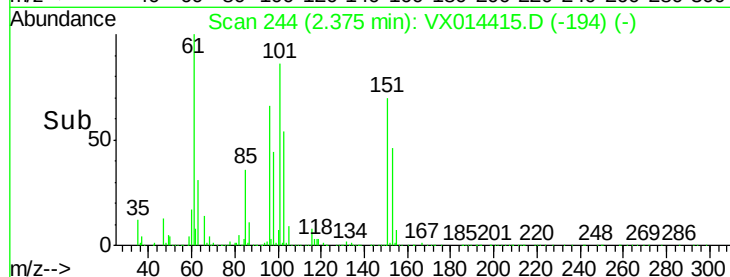
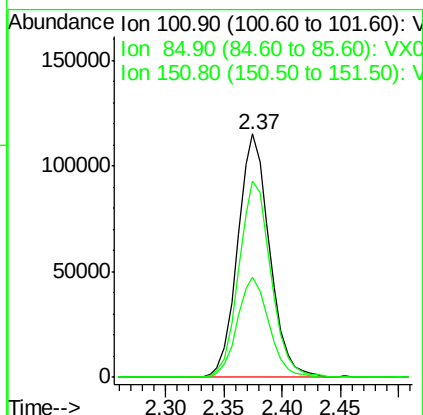
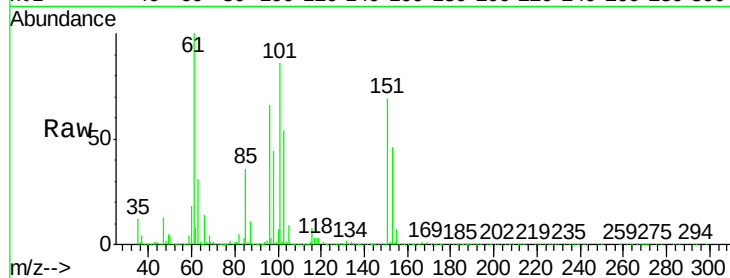
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	220047
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.7	50.5
151	81.7	64.5	96.7

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#10

Methyl Iodide

Concen: 46.486 ug/l

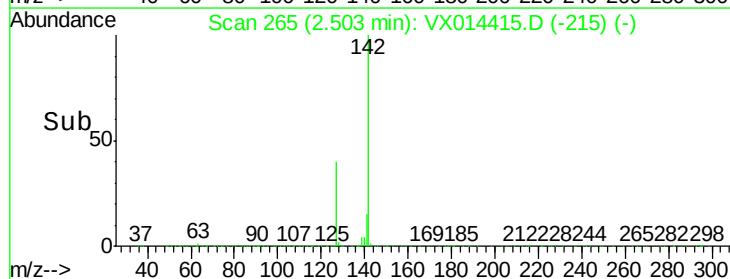
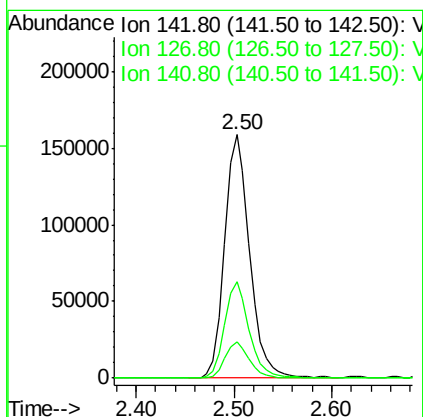
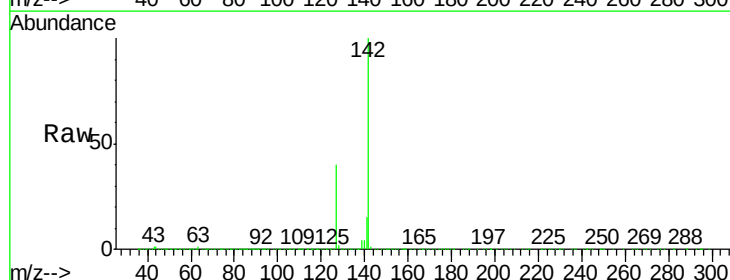
RT: 2.50 min Scan# 265

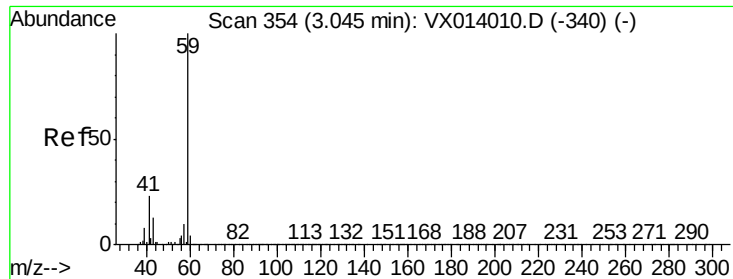
Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	142	Resp:	281286
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.6	47.4
141	14.5	11.6	17.4





#11

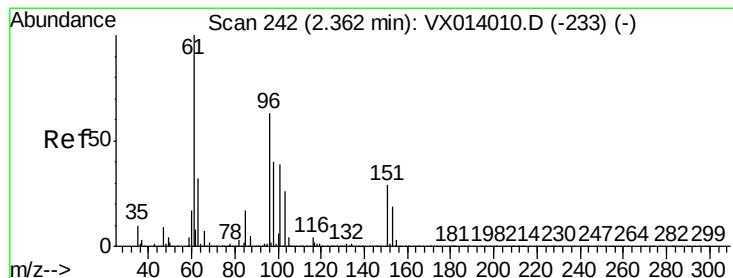
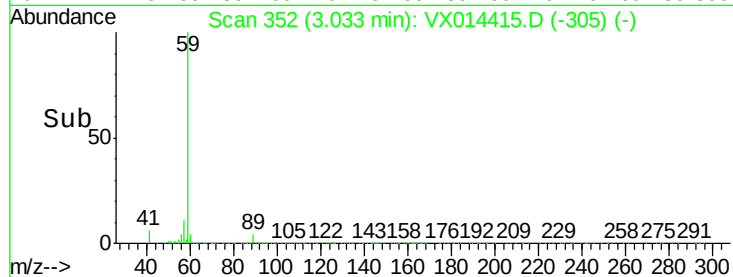
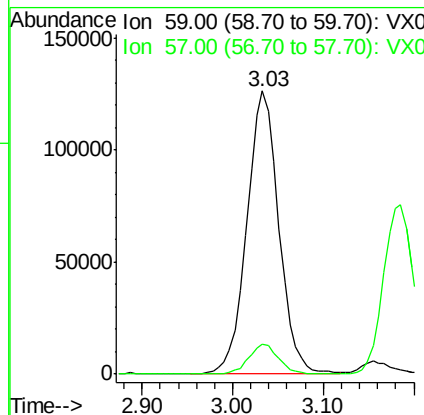
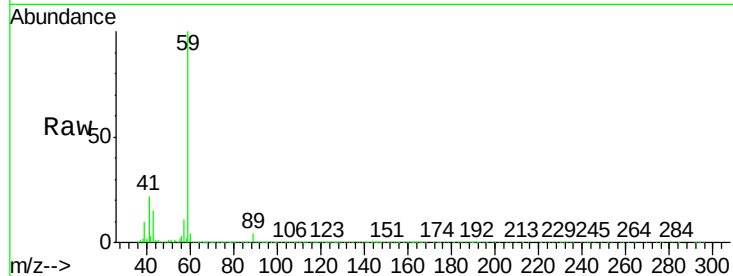
Tert butyl alcohol
Concen: 256.766 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	306480		
57	10.0		8.4	12.6

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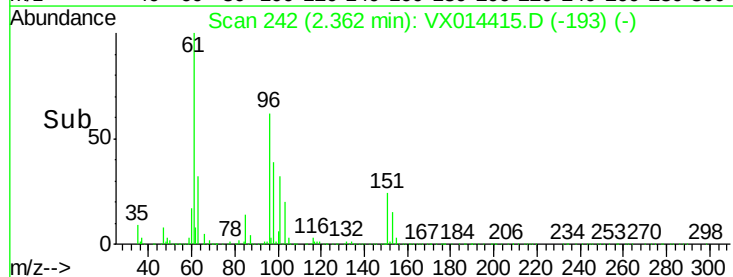
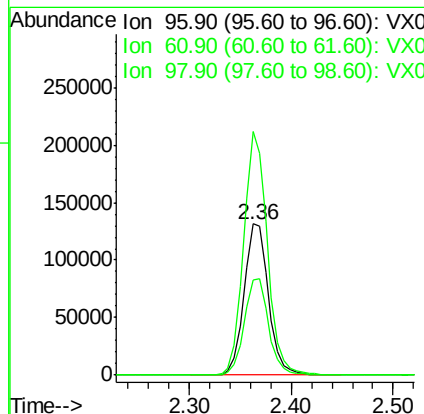
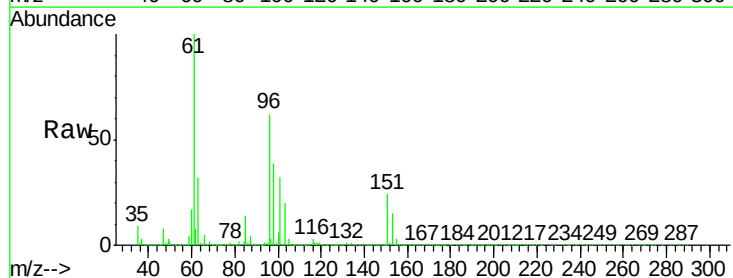
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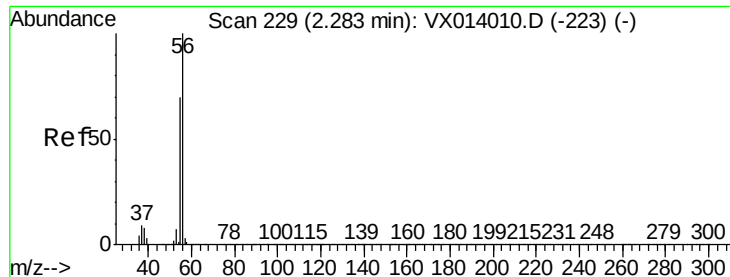


#12

1,1-Dichloroethene
Concen: 46.056 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	215932		
61	161.0		127.9	191.9
98	62.7		50.5	75.7





#13

Acrolein

Concen: 251.239 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 171663

Ion Ratio Lower Upper

56 100

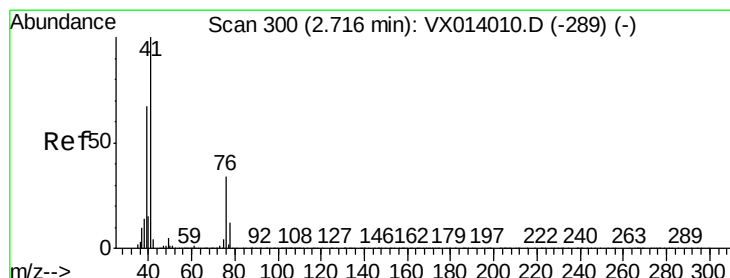
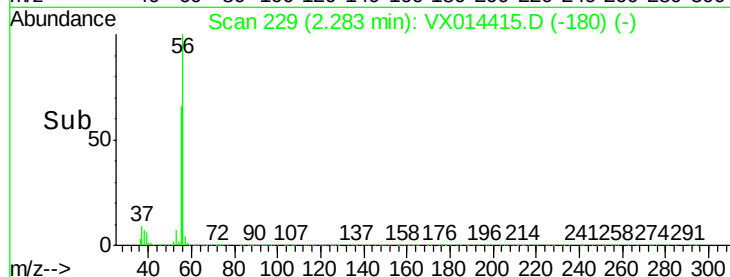
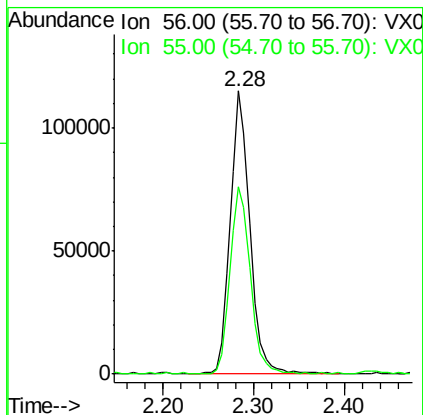
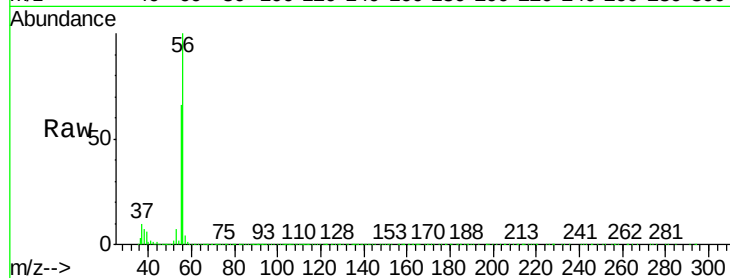
55 67.8 56.9 85.3

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#14

Allyl chloride

Concen: 47.385 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

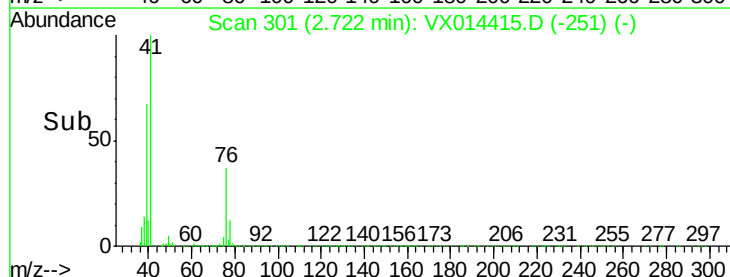
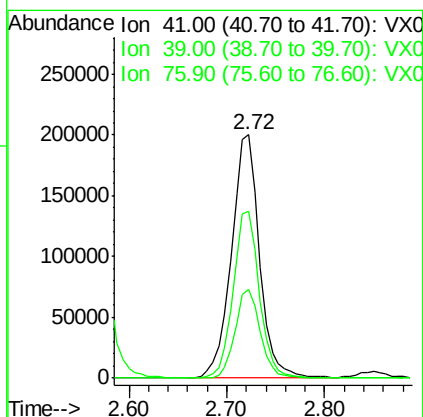
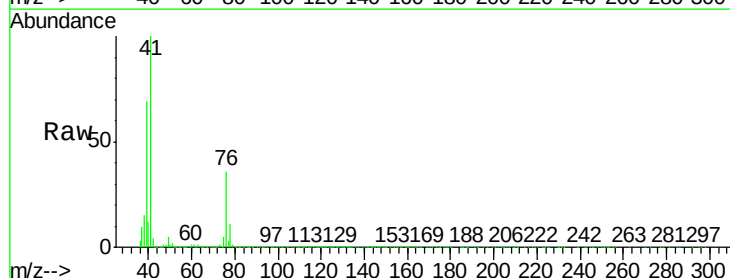
Tgt Ion: 41 Resp: 396667

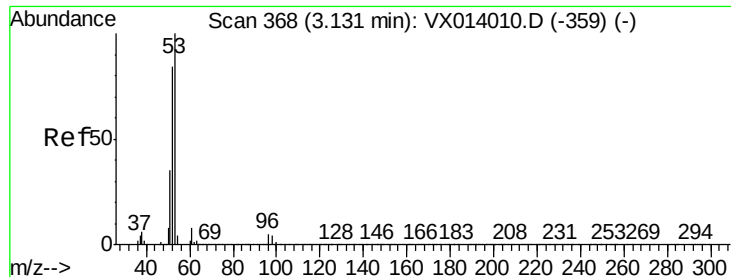
Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 258.886 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

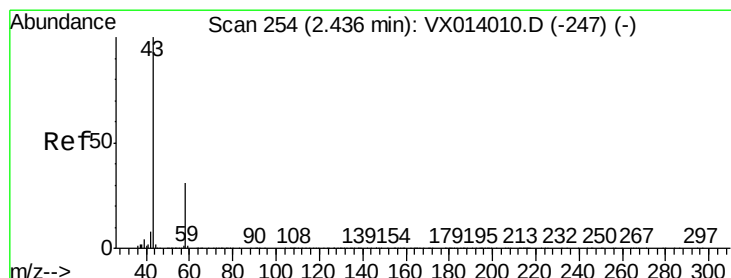
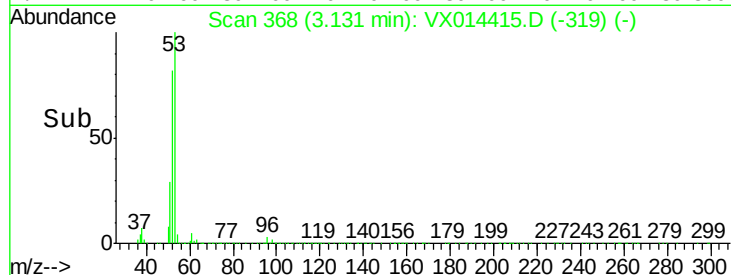
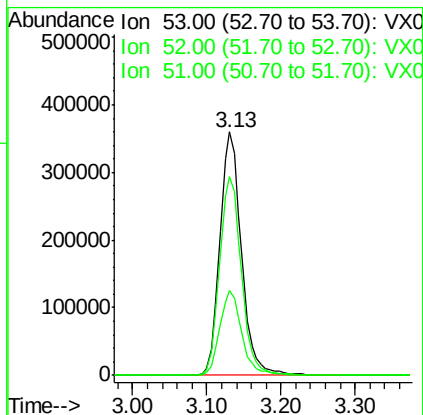
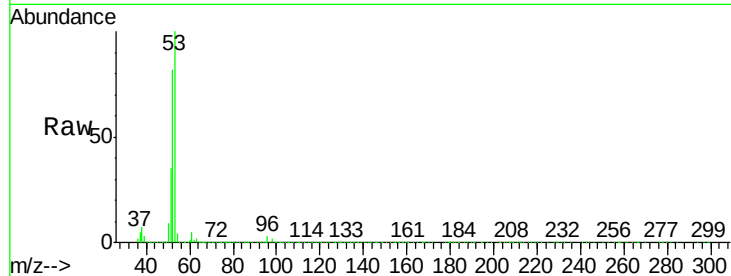
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	721254
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.5	99.7
51	35.5	28.1	42.1

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#16

Acetone

Concen: 179.850 ug/l

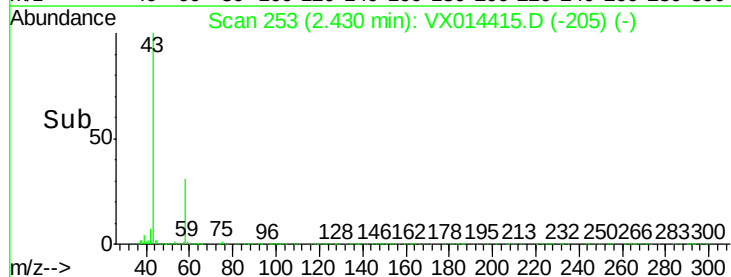
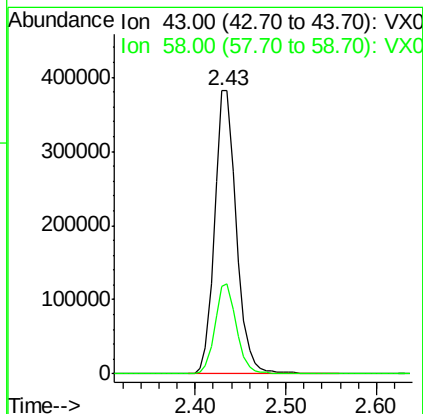
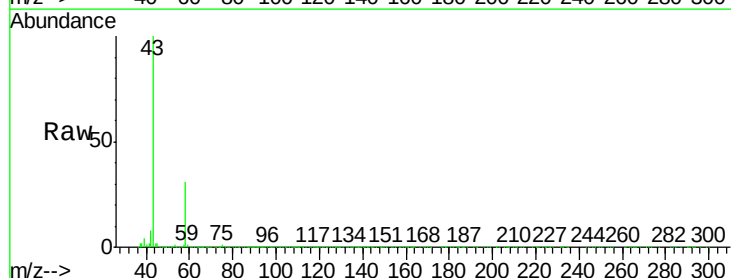
RT: 2.43 min Scan# 253

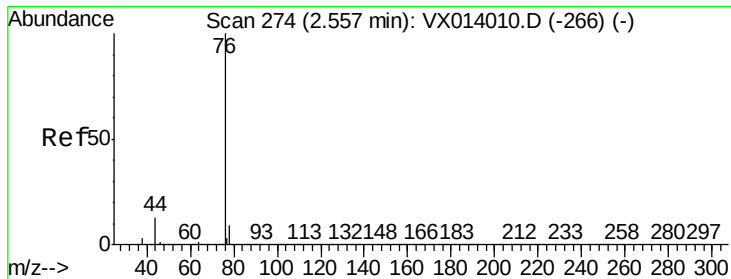
Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	43	Resp:	644992
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.9	37.3





#17

Carbon Disulfide

Concen: 38.020 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 492492

Ion Ratio Lower Upper

76 100

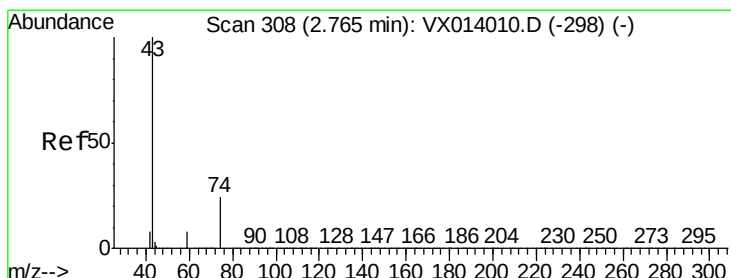
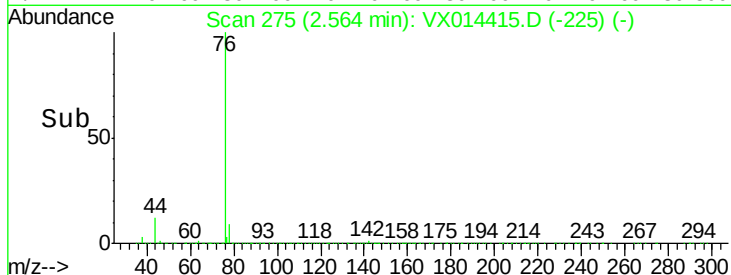
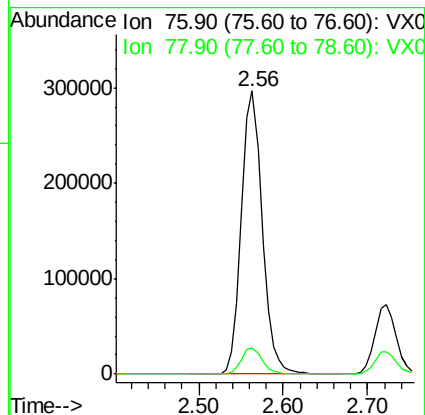
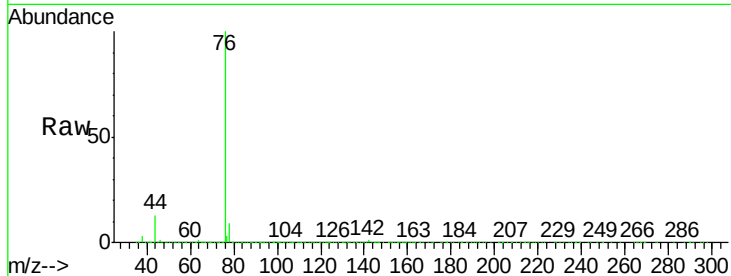
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 53.291 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014415.D

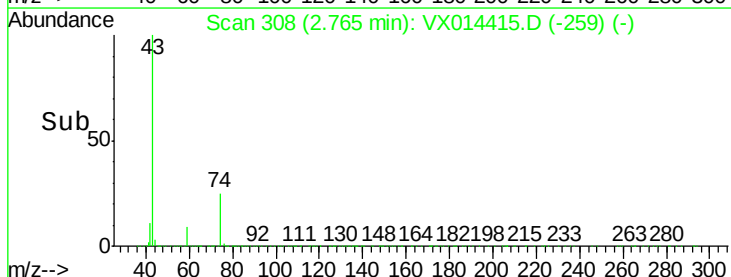
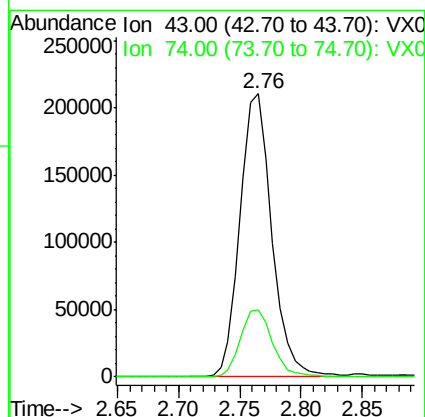
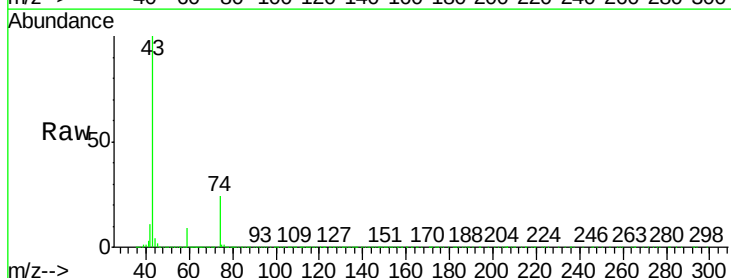
Acq: 03 Jan 2020 20:53

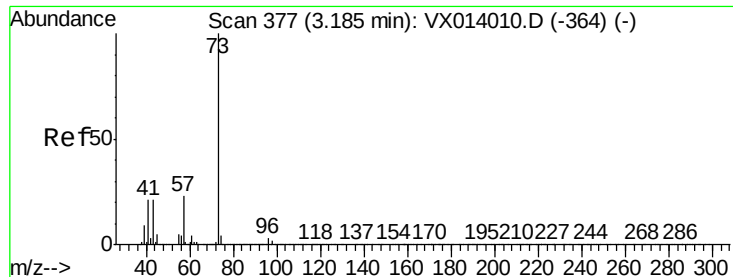
Tgt Ion: 43 Resp: 378705

Ion Ratio Lower Upper

43 100

74 24.1 19.5 29.3





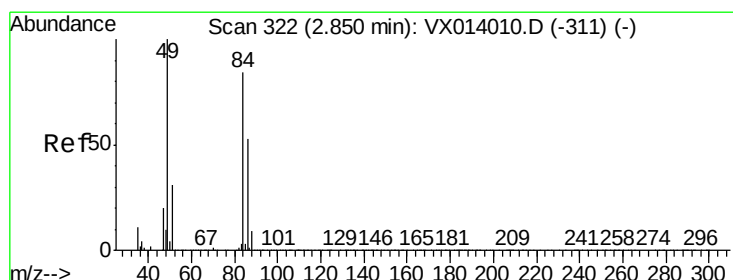
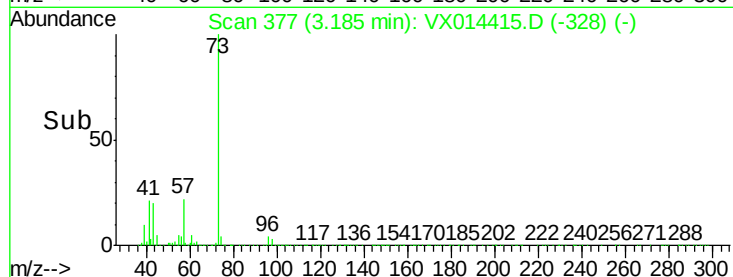
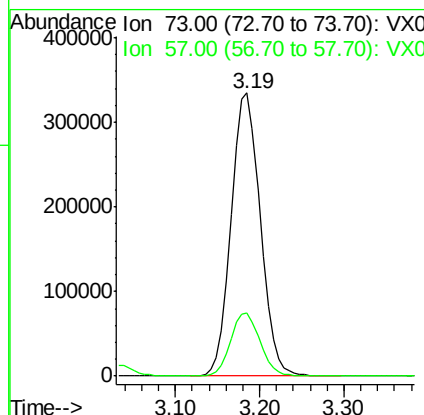
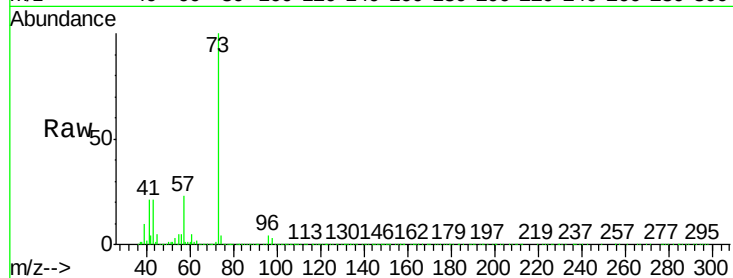
#19
Methyl tert-butyl Ether
Concen: 50.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

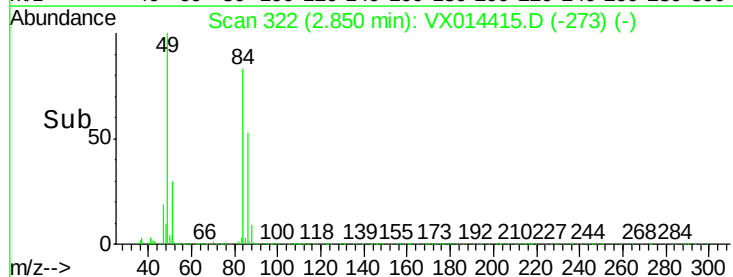
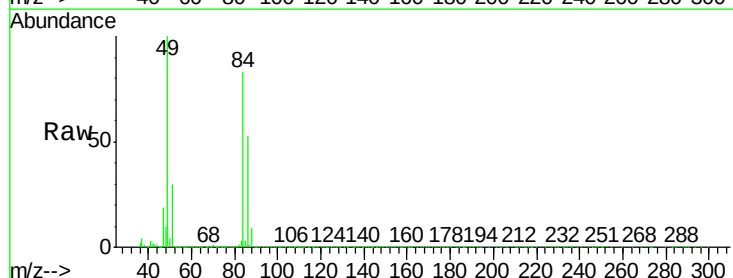
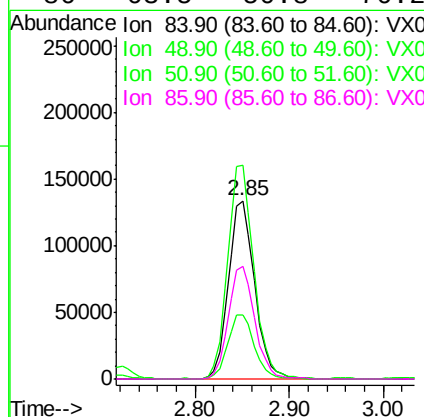
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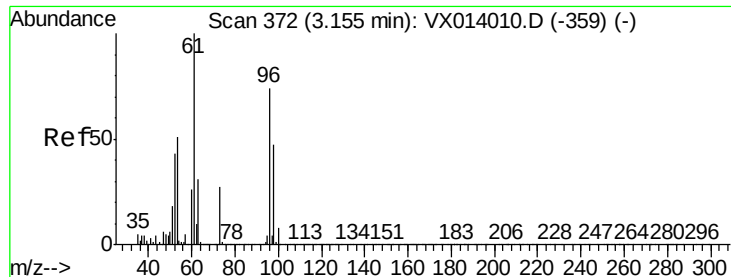
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#20
Methylene Chloride
Concen: 45.412 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.8	143.6
51	36.1	29.8	44.8
86	63.5	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 44.591 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

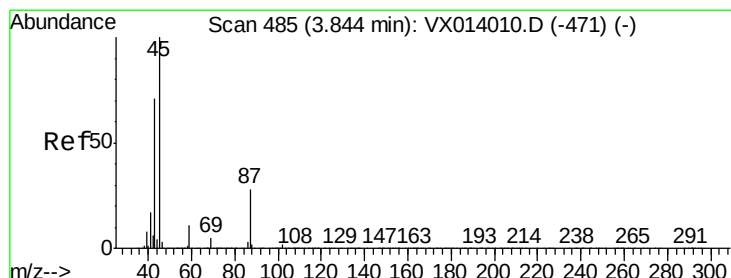
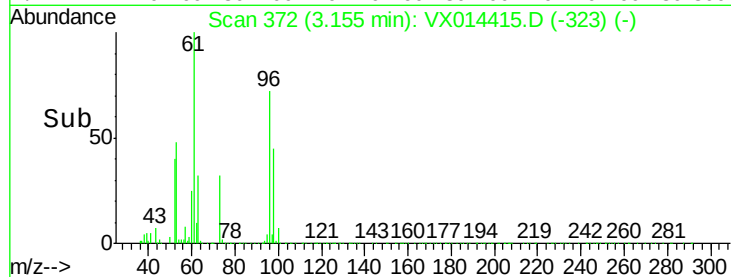
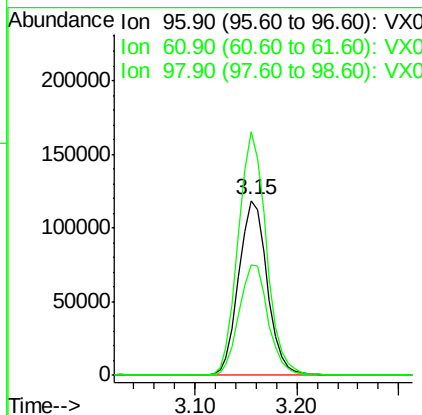
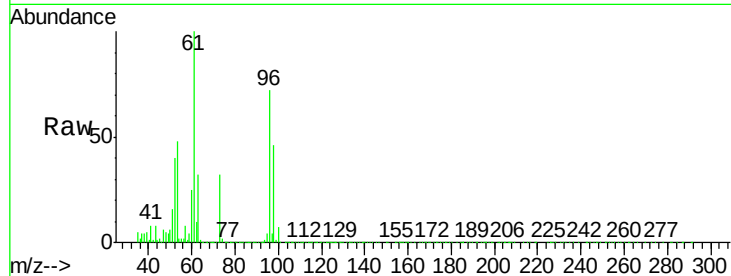
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	230326
Ion Ratio	Lower	Upper	
96	100		
61	139.0	108.3	162.5
98	63.2	50.8	76.2

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#22

Diisopropyl ether

Concen: 50.112 ug/l

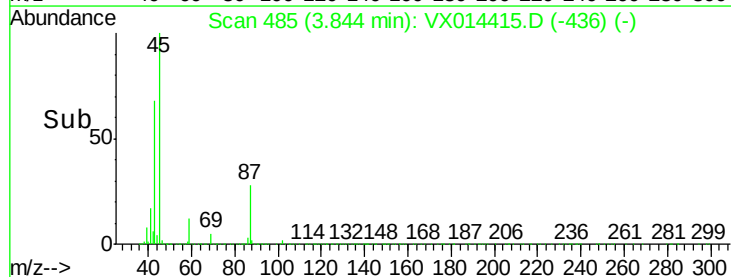
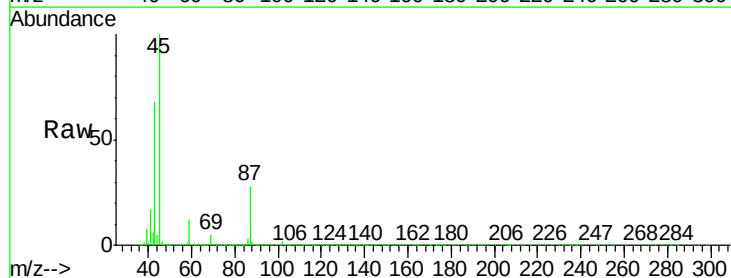
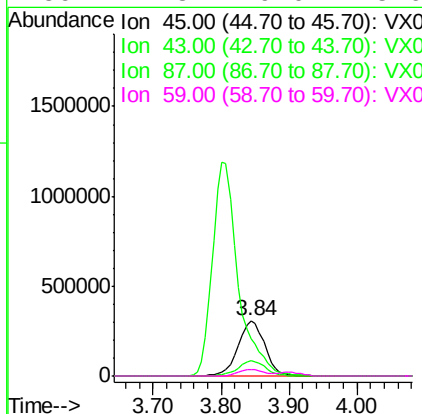
RT: 3.84 min Scan# 485

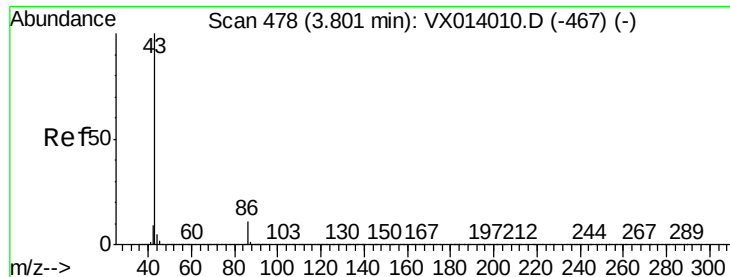
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	45	Resp:	835946
Ion Ratio	Lower	Upper	
45	100		
43	67.7	57.4	86.0
87	27.7	21.9	32.9
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 231.757 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3154951

Ion Ratio Lower Upper

43 100

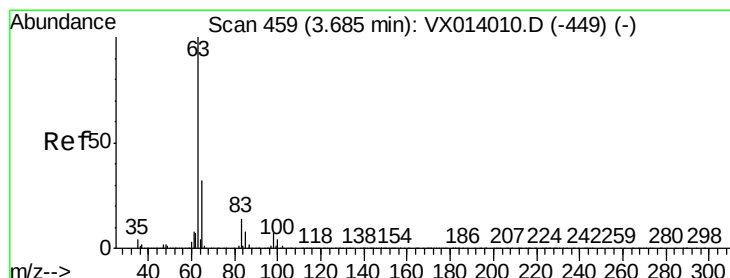
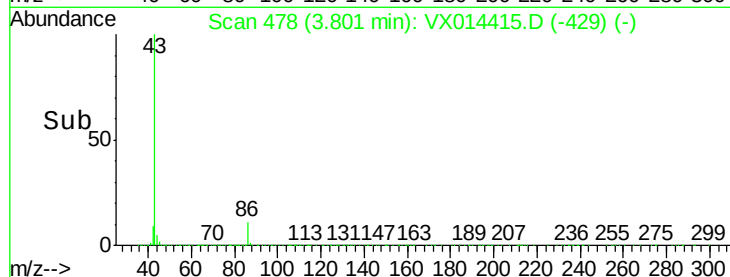
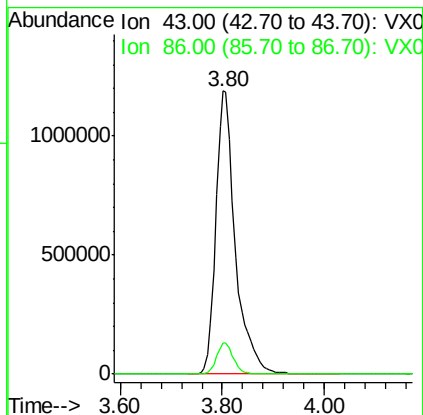
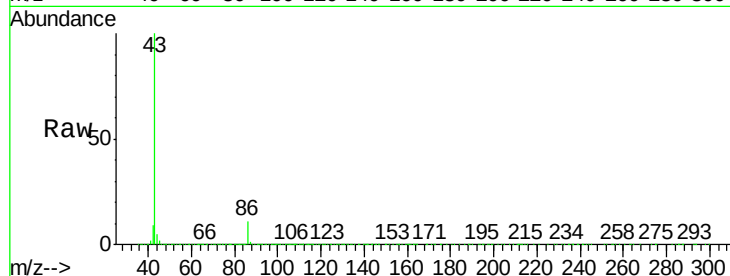
86 11.1 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 47.456 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

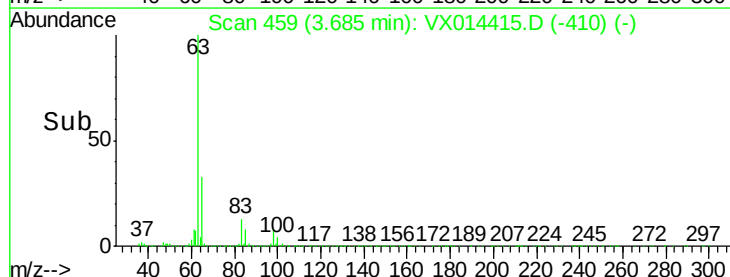
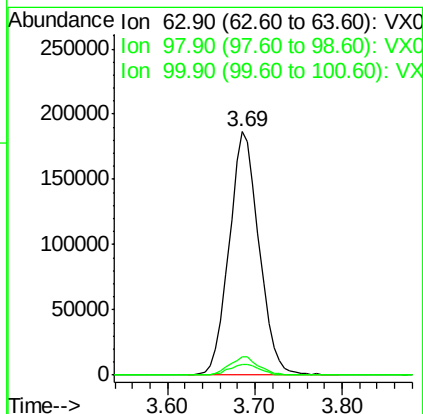
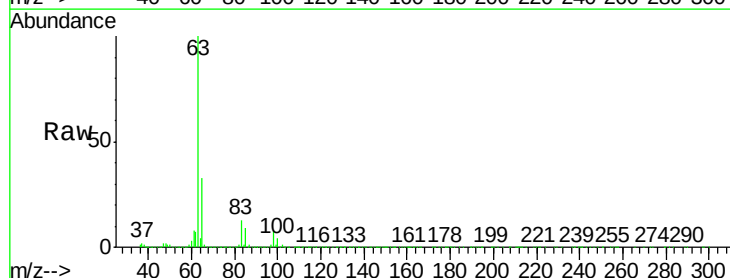
Tgt Ion: 63 Resp: 440438

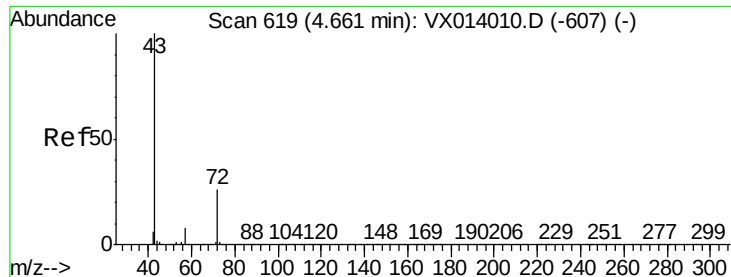
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 230.617 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1019664

Ion Ratio Lower Upper

43 100

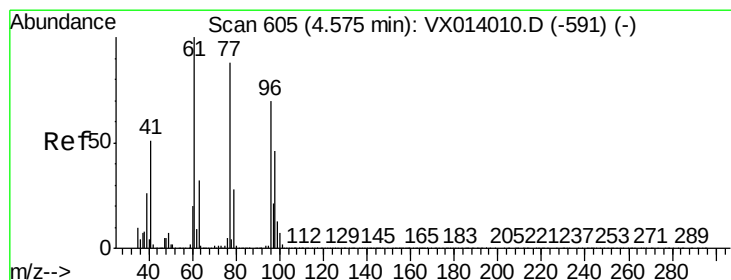
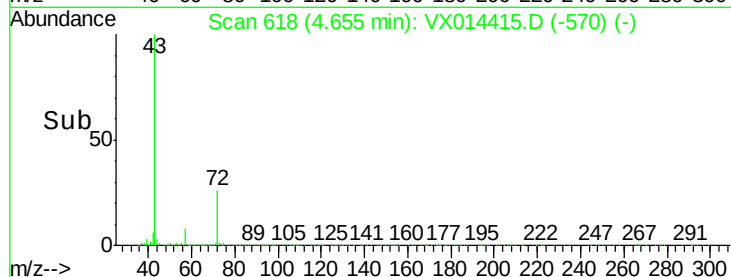
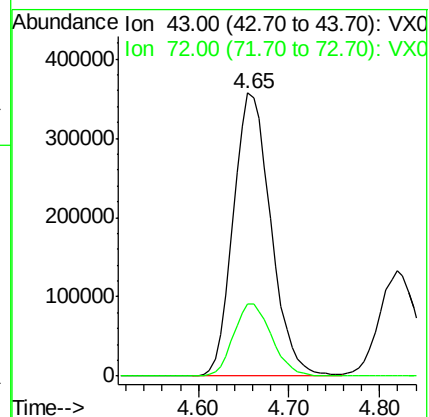
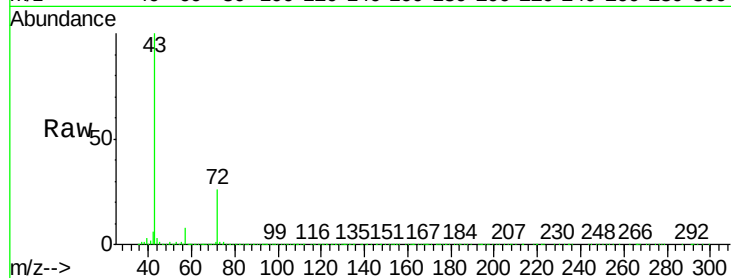
72 25.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 45.497 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014415.D

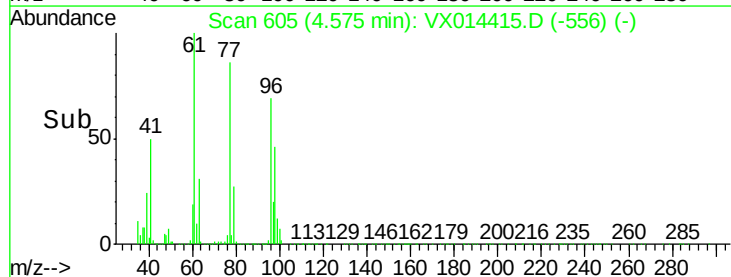
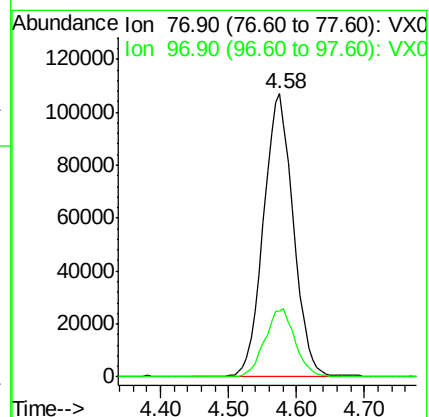
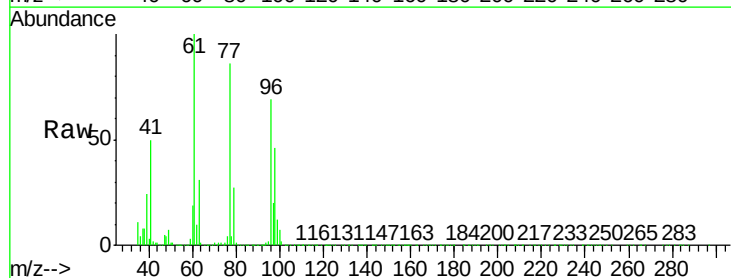
Acq: 03 Jan 2020 20:53

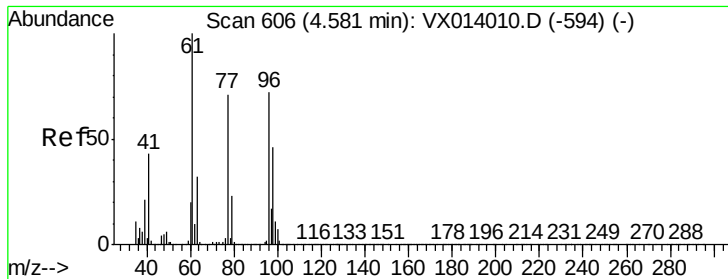
Tgt Ion: 77 Resp: 327848

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

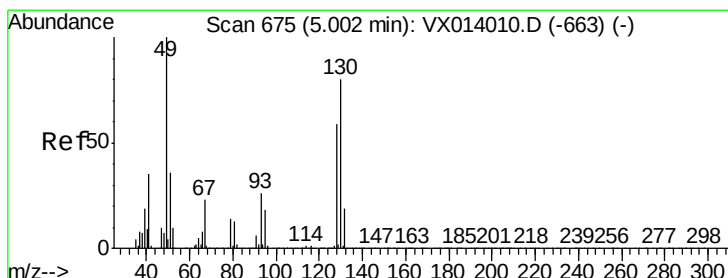
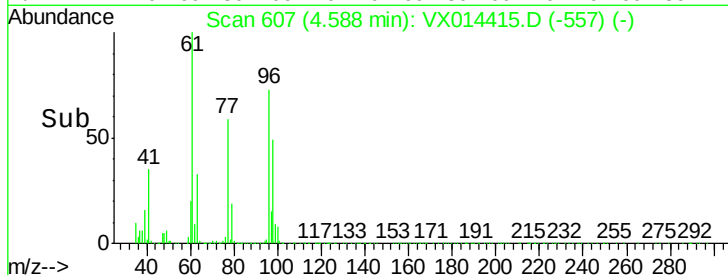
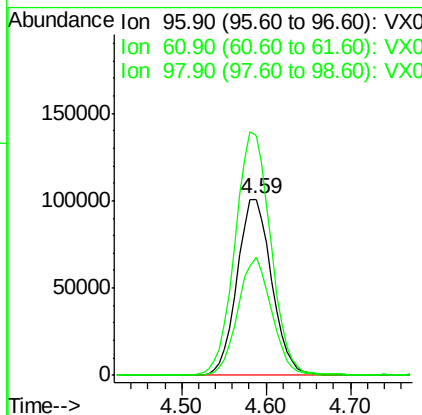
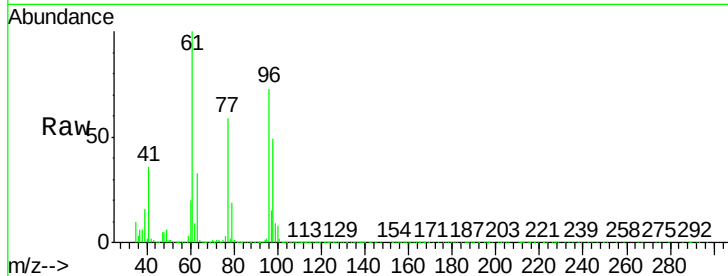
cis-1,2-Dichloroethene
 Concen: 47.616 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	143.7	0.0	288.4
98	65.5	0.0	129.6

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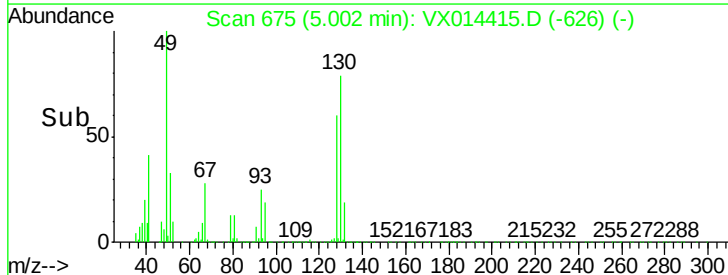
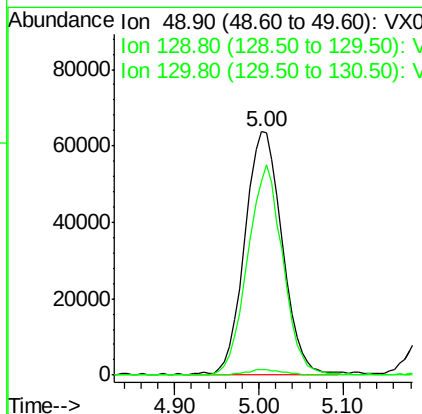
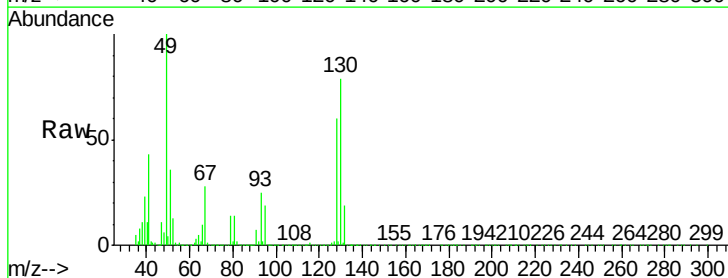
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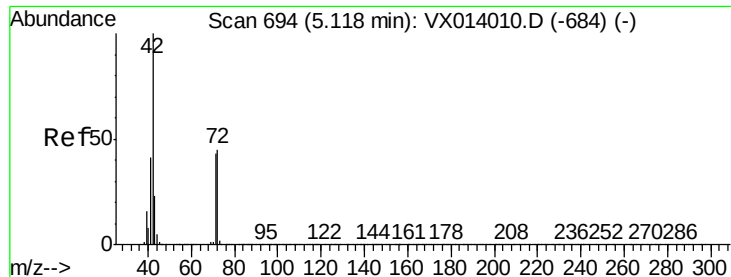


#28

Bromochloromethane
 Concen: 53.436 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.4	64.6	97.0





#29

Tetrahydrofuran

Concen: 261.293 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

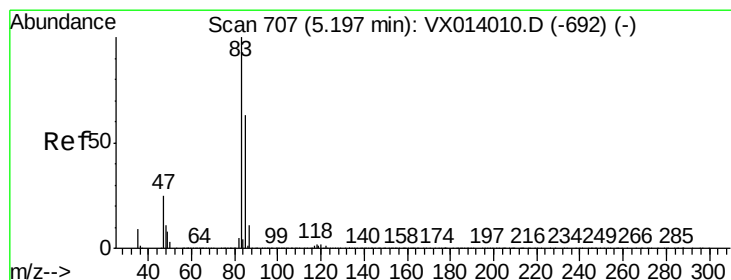
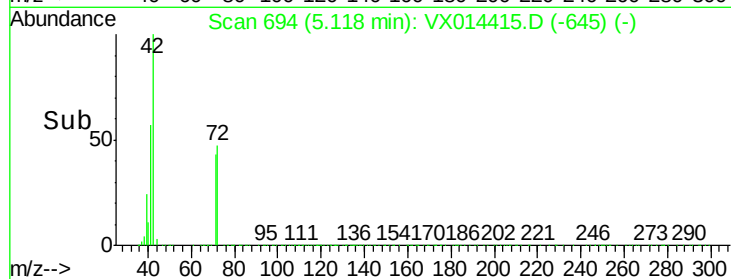
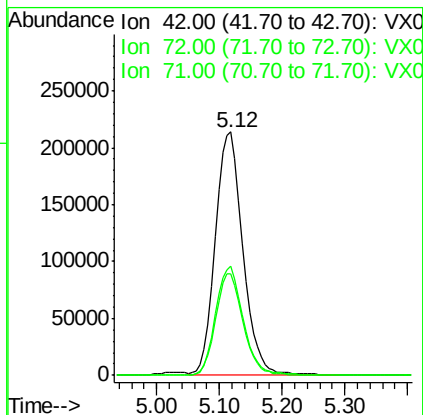
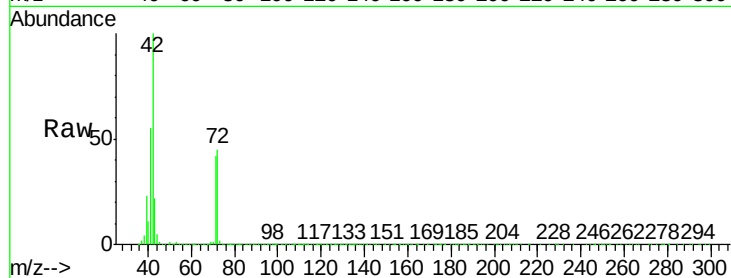
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	42.0	33.6	50.4

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#30

Chloroform

Concen: 49.498 ug/l

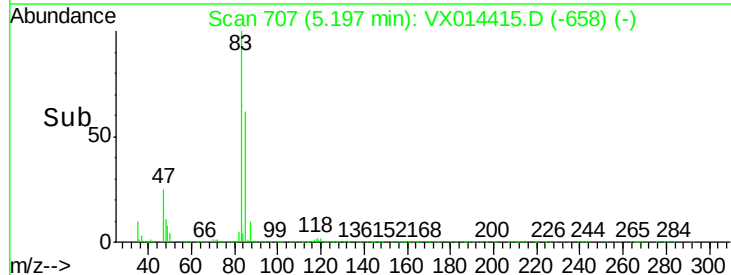
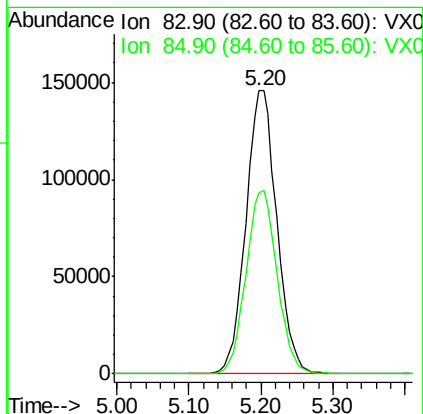
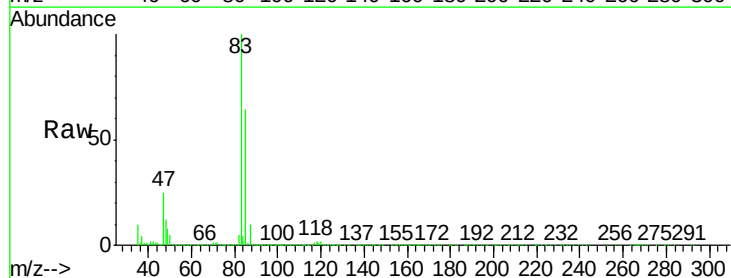
RT: 5.20 min Scan# 707

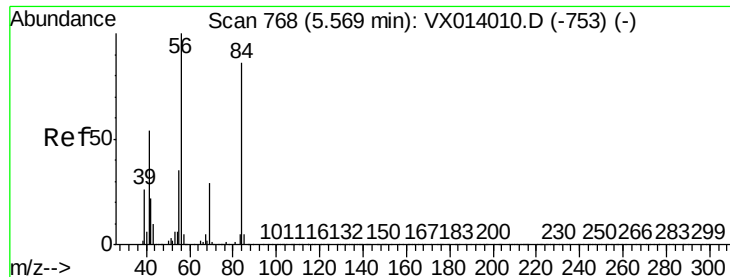
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.8	76.2





#31

Cyclohexane

Concen: 45.206 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

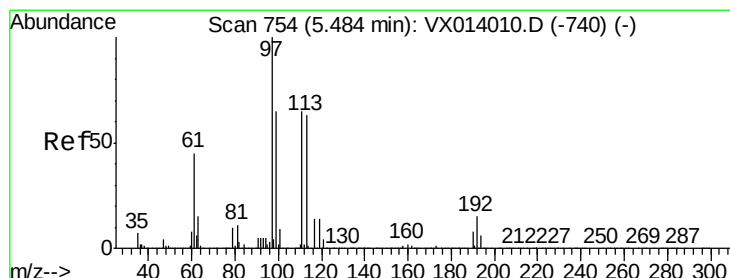
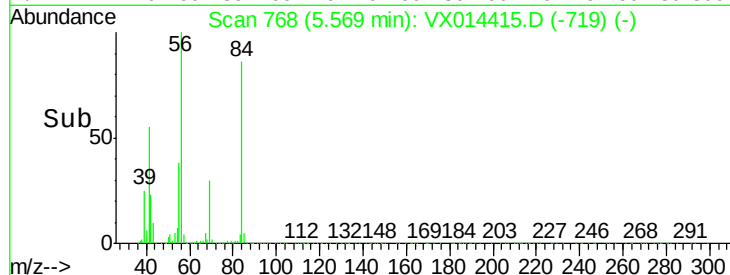
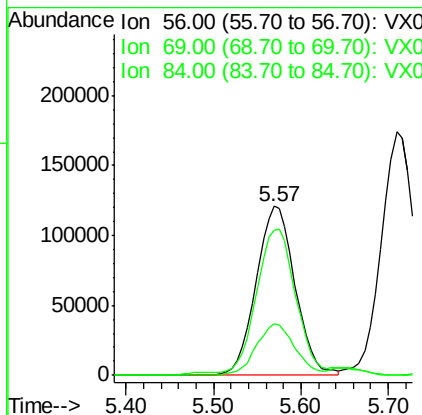
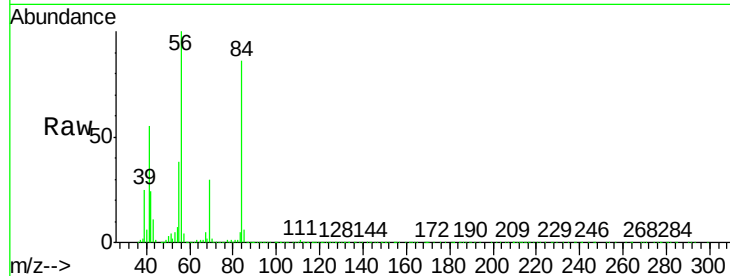
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.2	34.8
84	84.6	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 49.351 ug/l

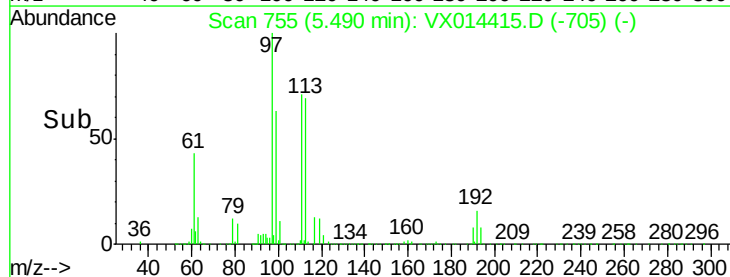
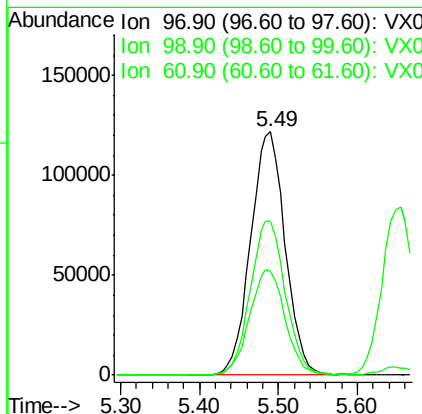
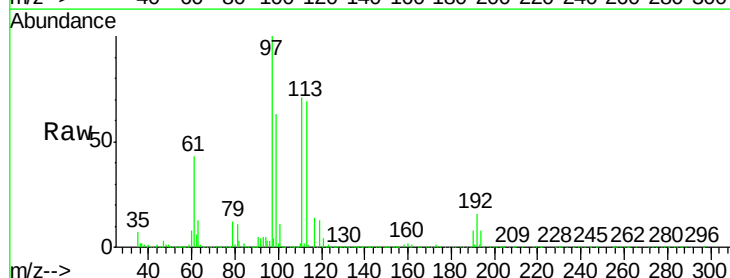
RT: 5.49 min Scan# 755

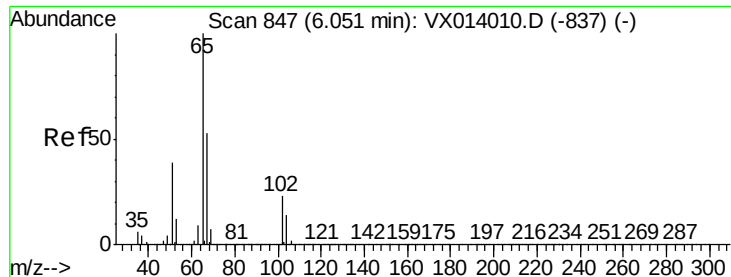
Delta R.T. 0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	44.2	36.7	55.1





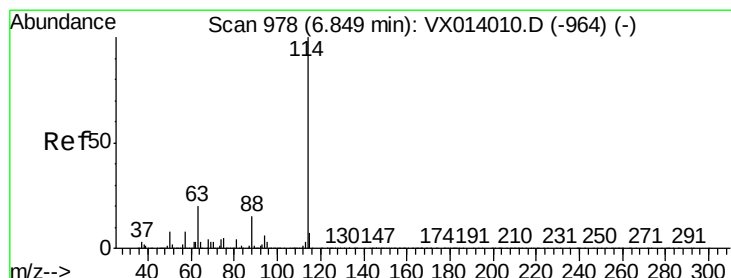
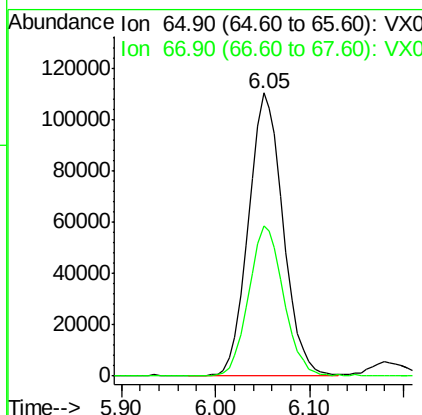
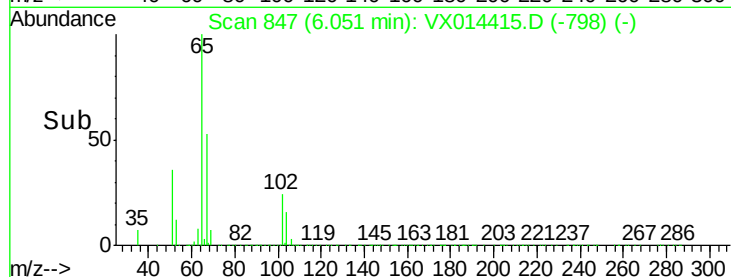
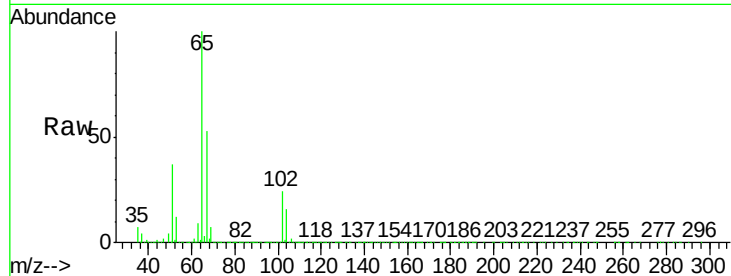
#33
 1,2-Dichloroethane-d4
 Concen: 51.490 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	284431		
67	53.3	0.0	106.4	

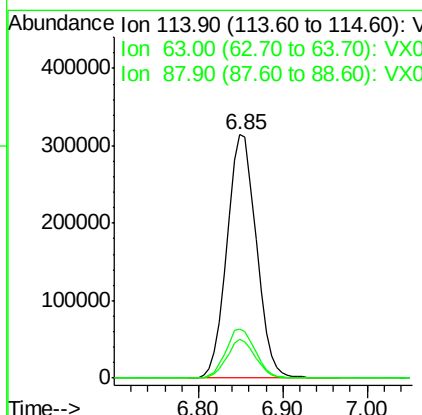
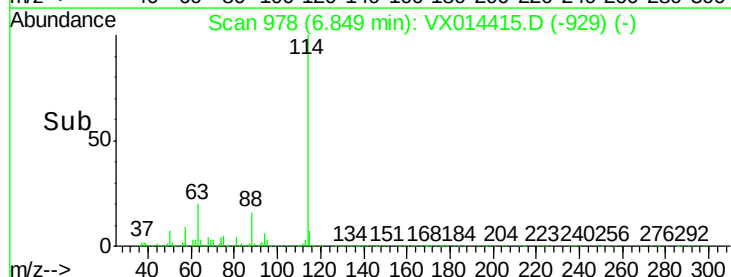
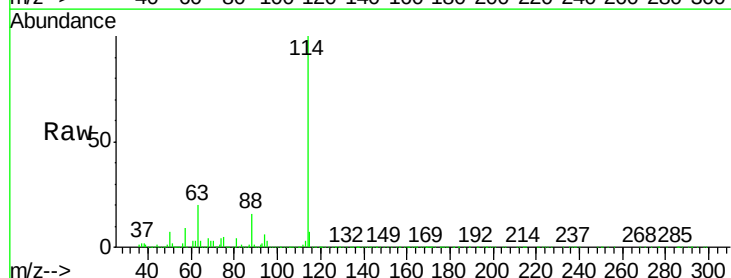
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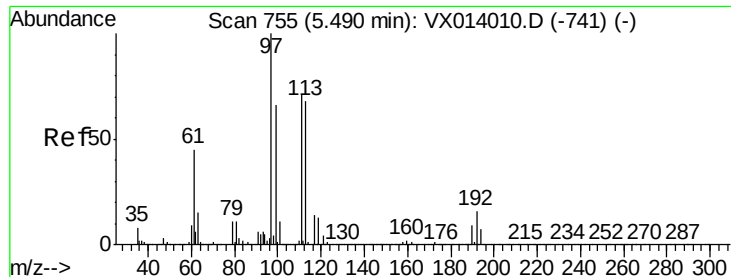
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	747500		
63	20.1	0.0	40.8	
88	15.9	0.0	30.4	





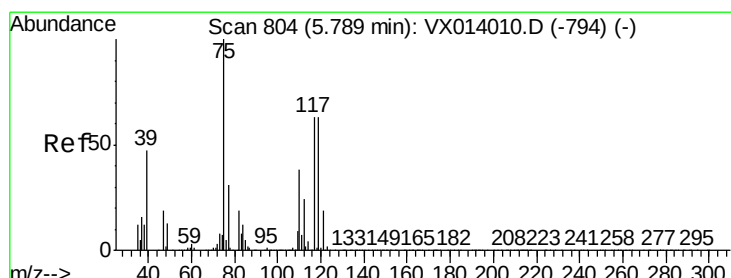
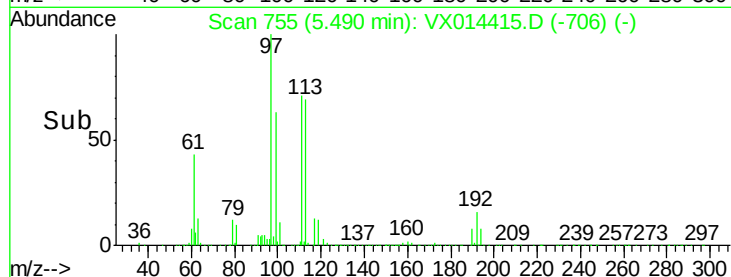
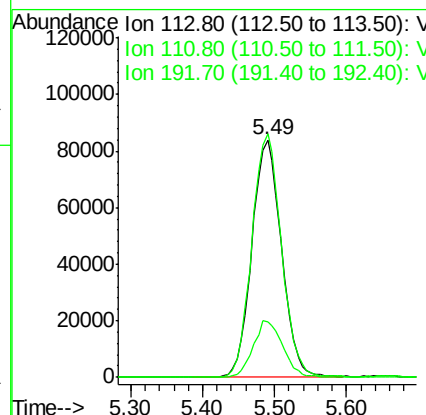
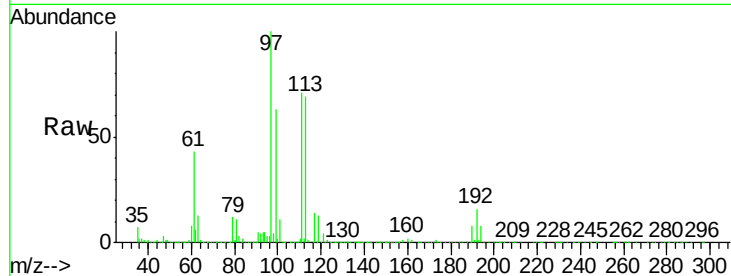
#35
 Dibromofluoromethane
 Concen: 52.476 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	238451		
111	102.6	82.0	123.0	
192	23.7	19.3	28.9	

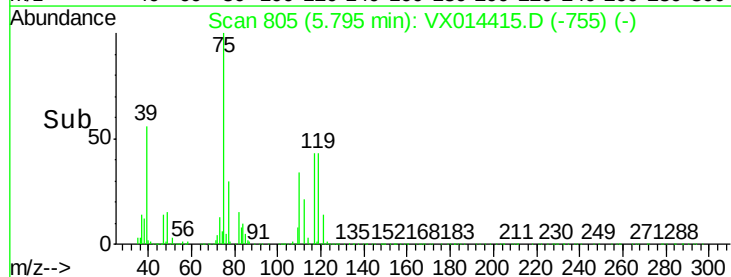
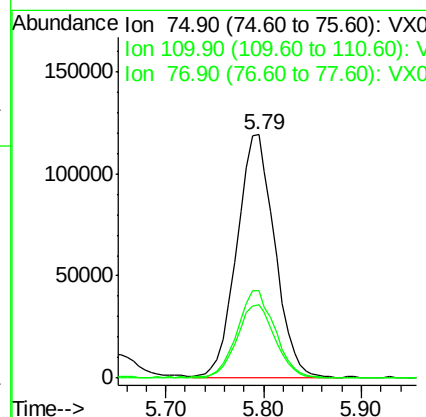
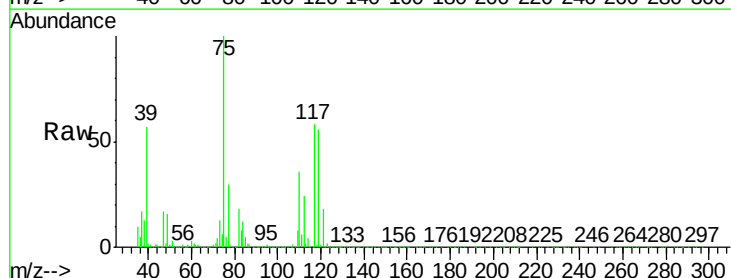
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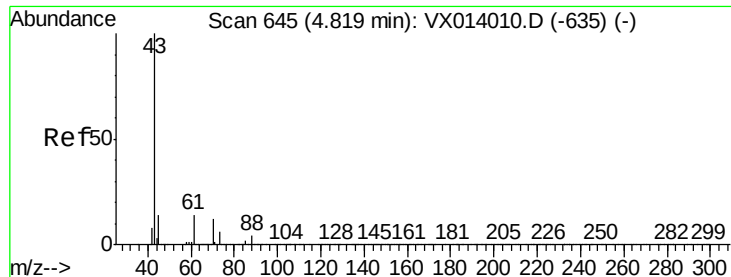
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#36
 1,1-Dichloropropene
 Concen: 46.219 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	317006		
110	36.2	18.3	54.9	
77	30.3	24.8	37.2	





#37

Ethyl Acetate

Concen: 51.226 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

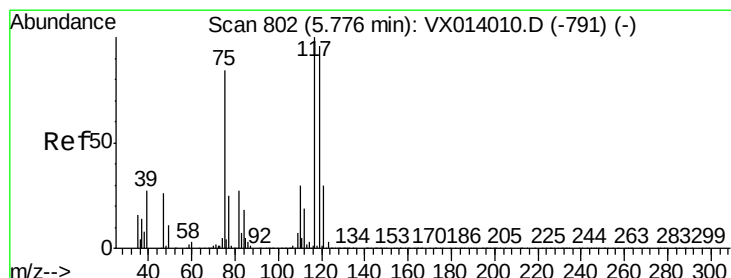
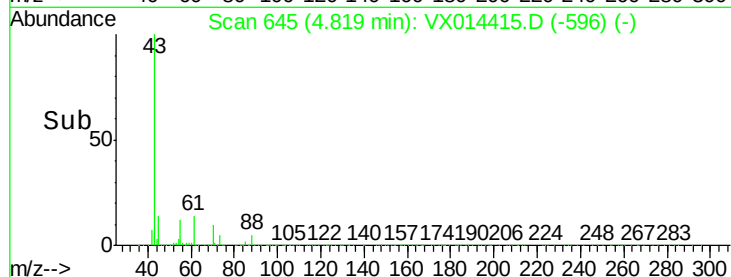
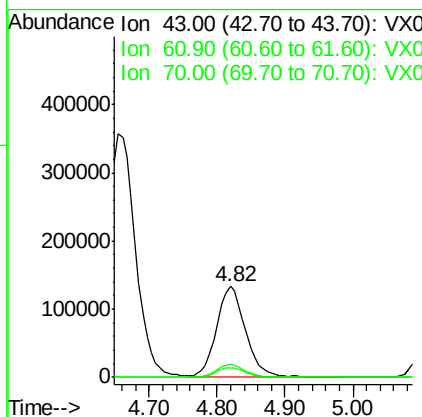
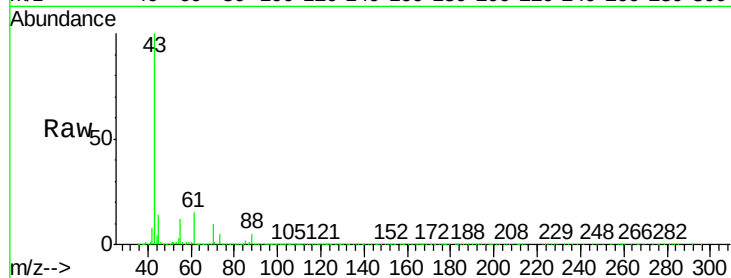
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	387988
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.7	8.6	12.8

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#38

Carbon Tetrachloride

Concen: 48.978 ug/l

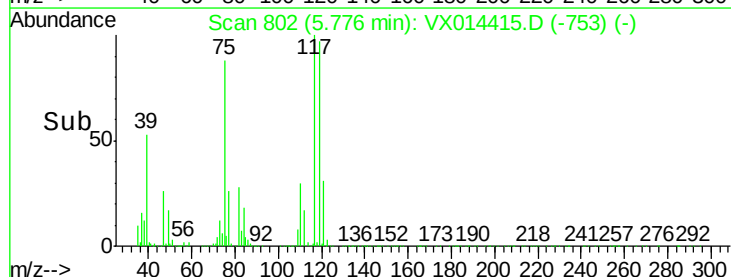
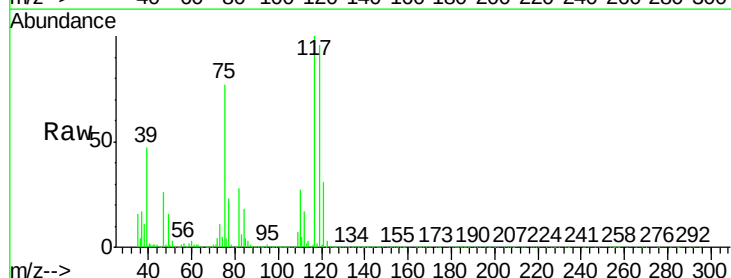
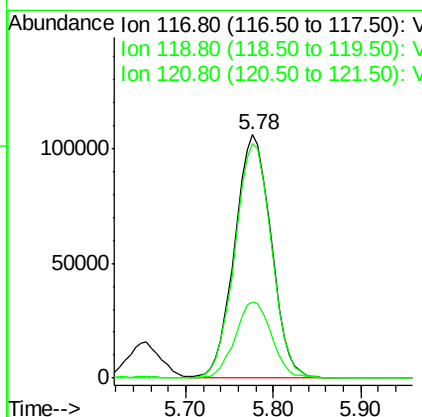
RT: 5.78 min Scan# 802

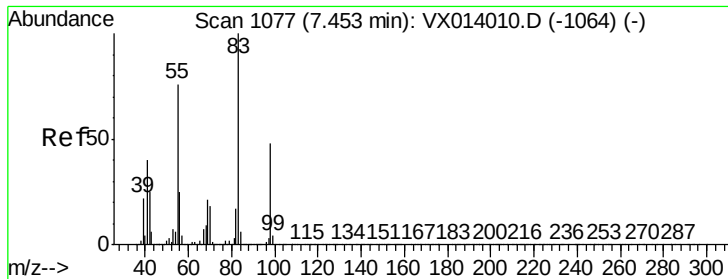
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	117	Resp:	306025
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.4
121	31.1	23.6	35.4





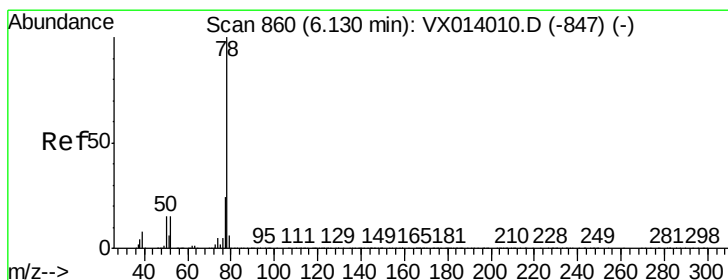
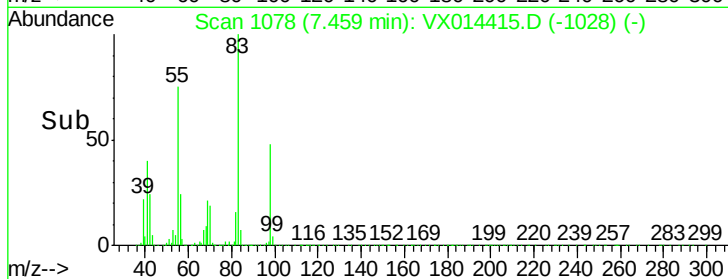
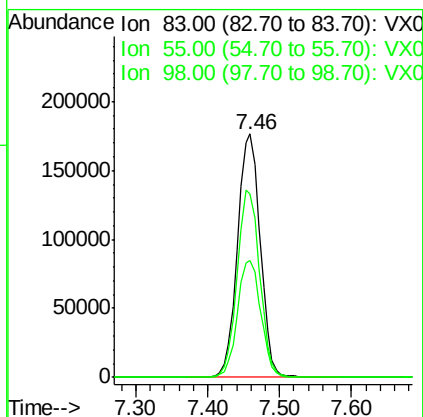
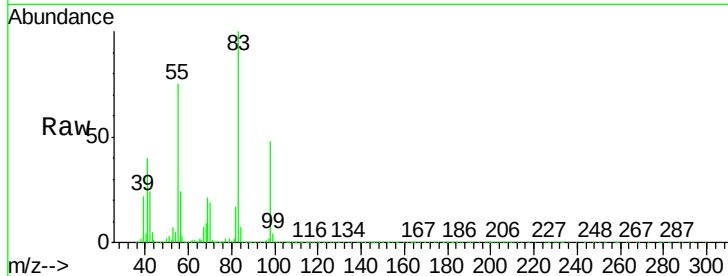
#39
Methylcyclohexane
Concen: 45.440 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.0	91.6
98	48.1	38.6	57.8

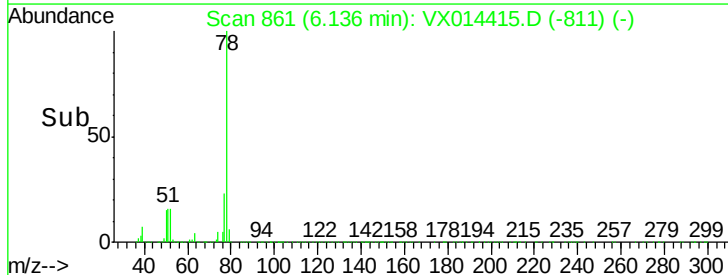
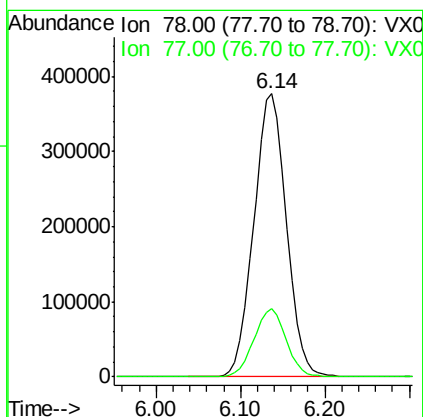
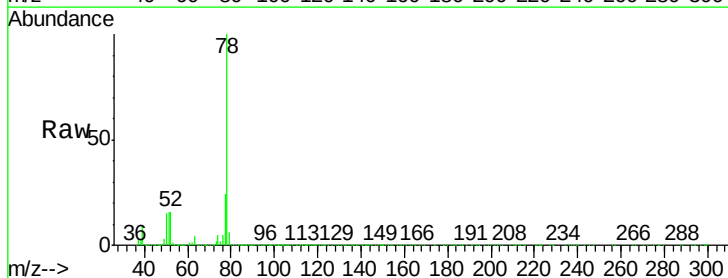
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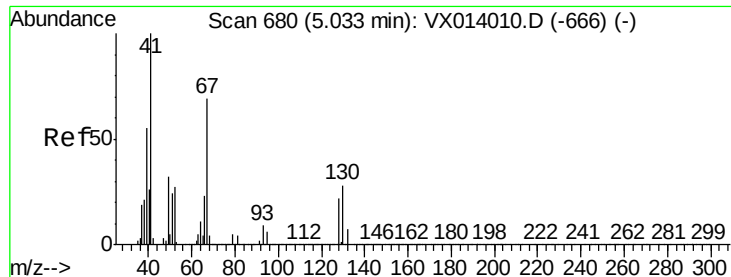
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#40
Benzene
Concen: 47.210 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





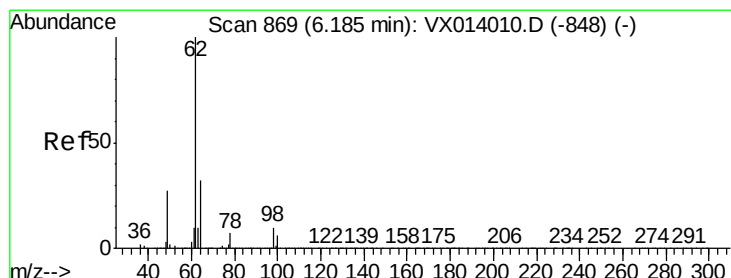
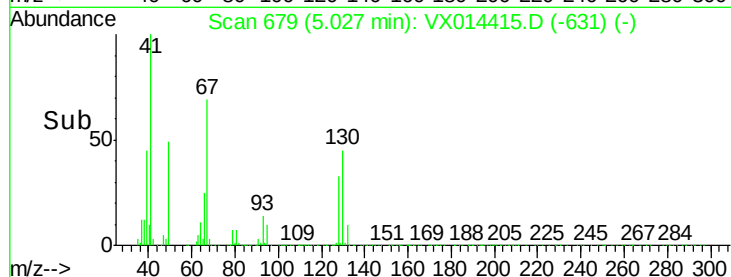
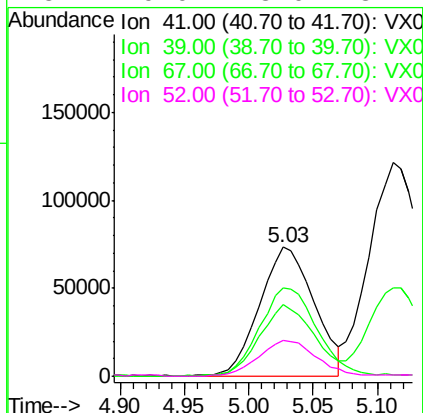
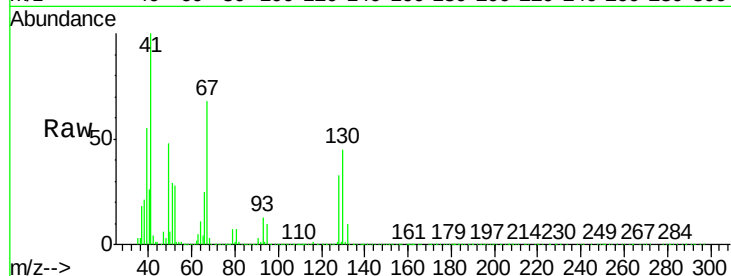
#41
Methacrylonitrile
Concen: 51.542 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
39	53.8	44.5	66.7
67	71.7	57.4	86.0
52	29.0	23.0	34.4

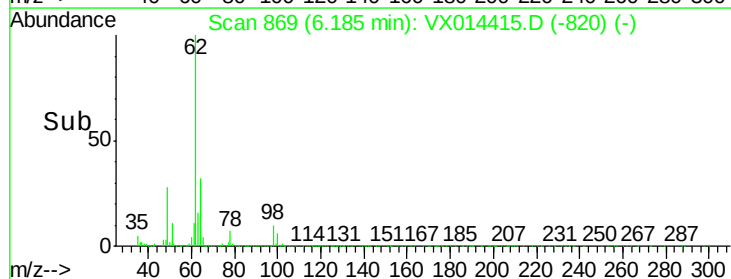
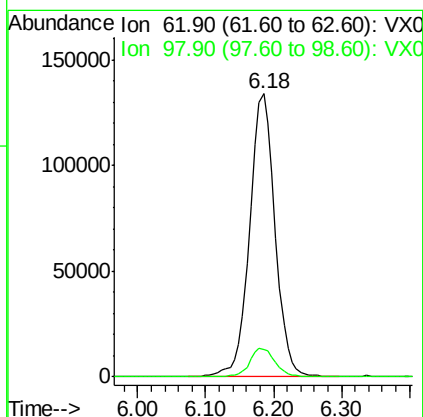
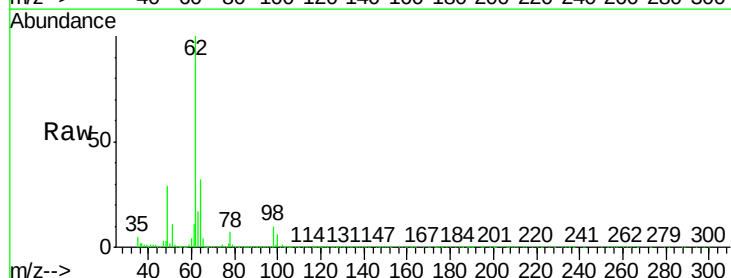
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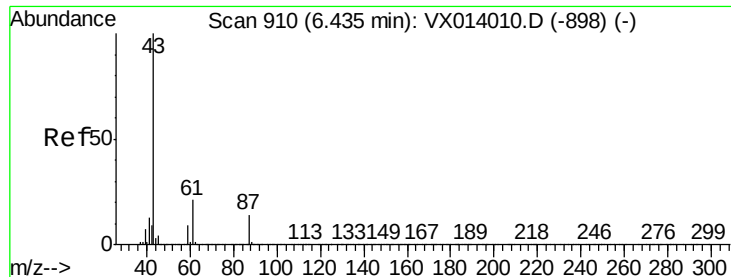
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#42
1,2-Dichloroethane
Concen: 48.614 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

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





#43

Isopropyl Acetate

Concen: 51.835 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

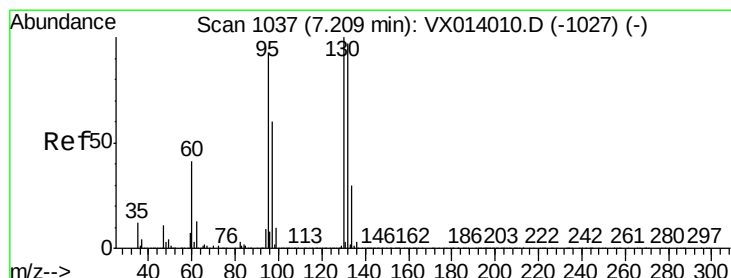
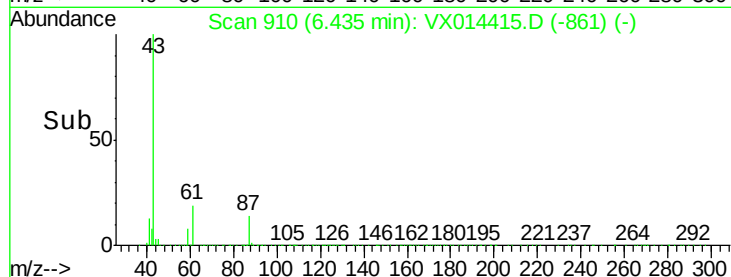
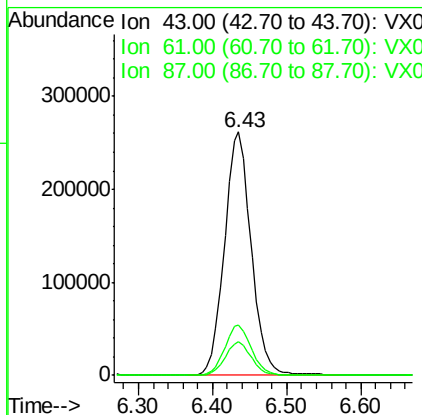
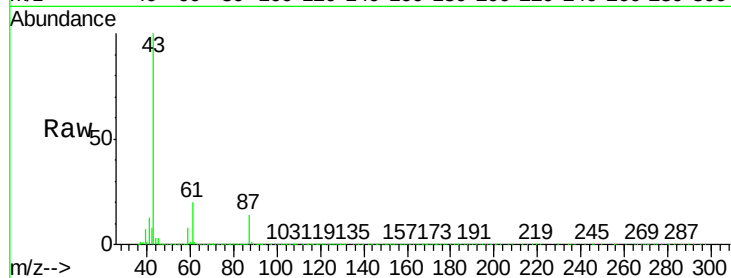
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.5	10.7	16.1

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#44

Trichloroethene

Concen: 48.510 ug/l

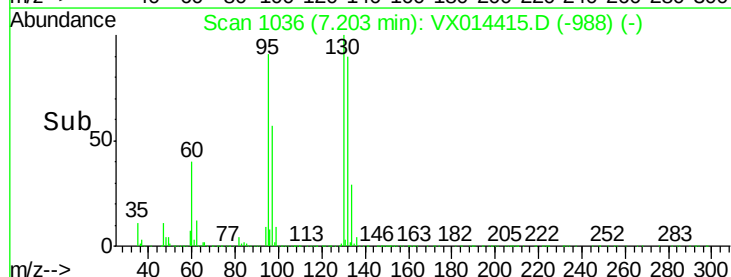
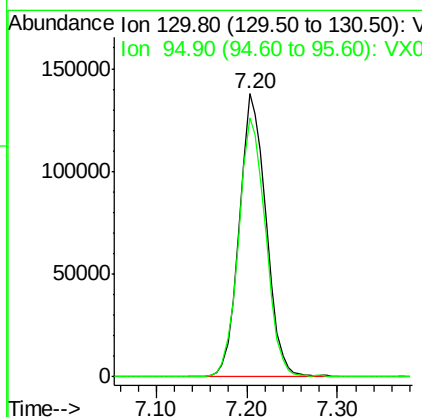
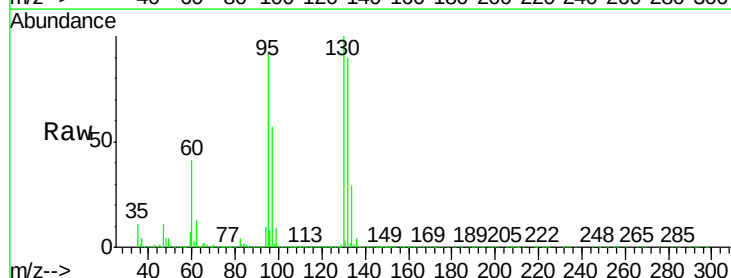
RT: 7.20 min Scan# 1036

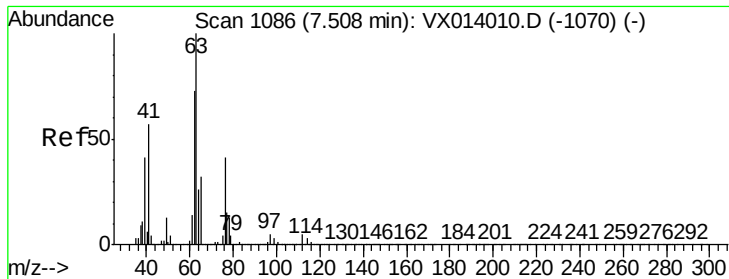
Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.6





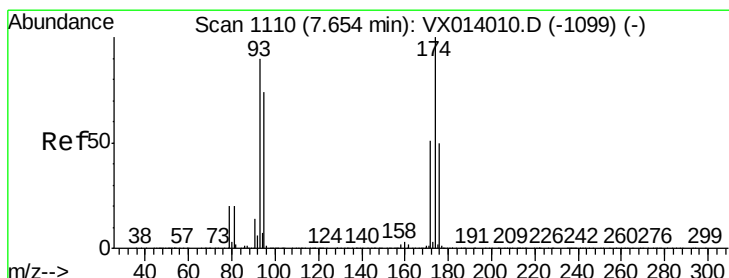
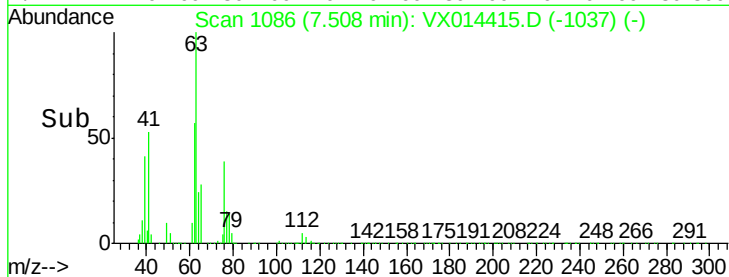
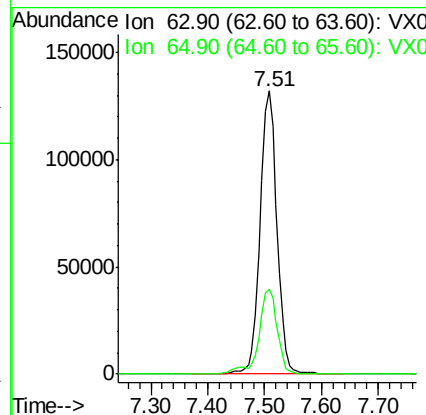
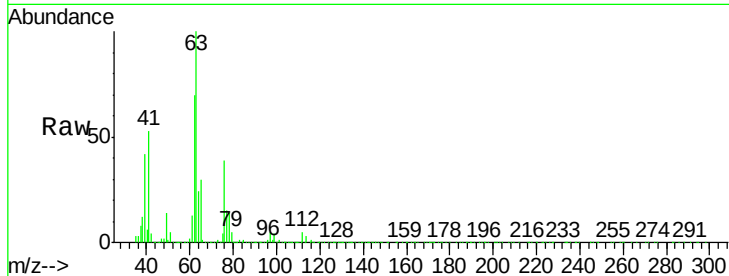
#45
 1,2-Dichloropropane
 Concen: 50.253 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.8	38.8

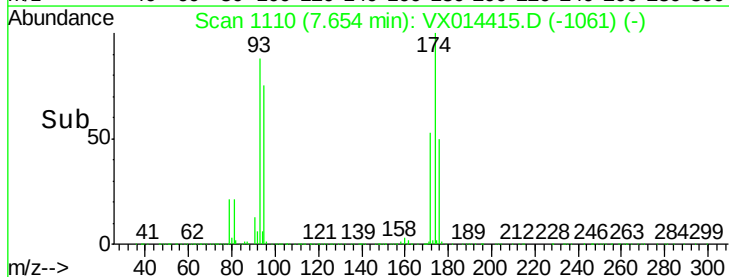
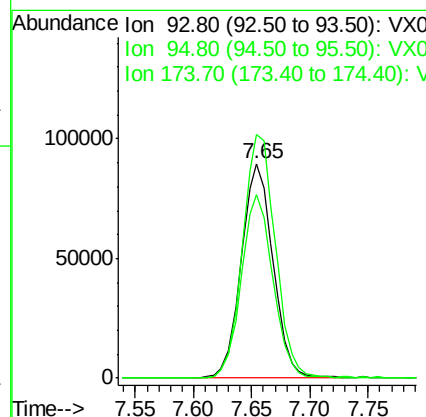
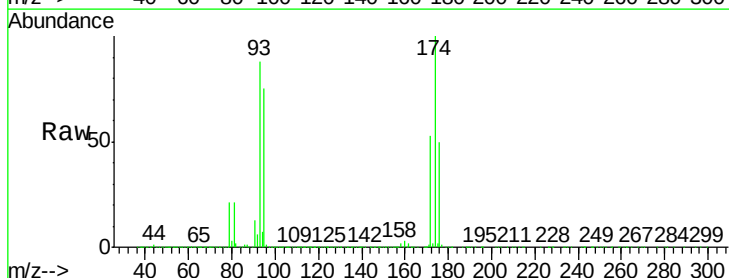
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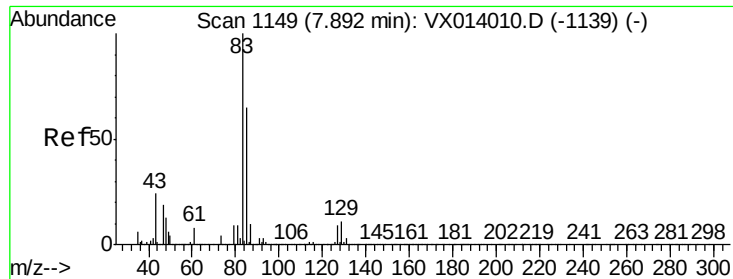
apatel
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#46
 Dibromomethane
 Concen: 47.555 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.3	100.9
174	117.9	91.6	137.4





#47

Bromodichloromethane

Concen: 51.082 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

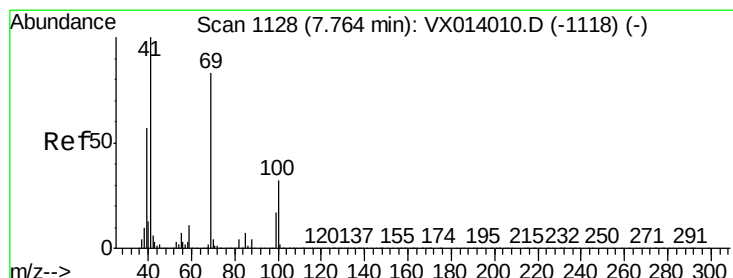
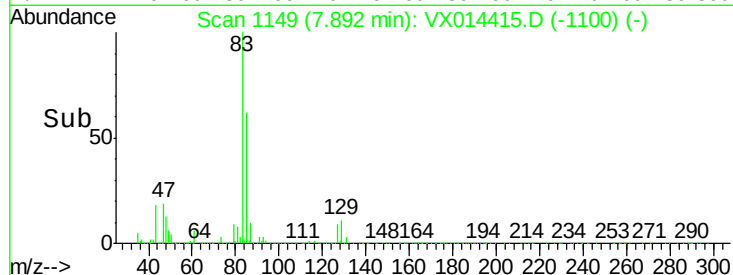
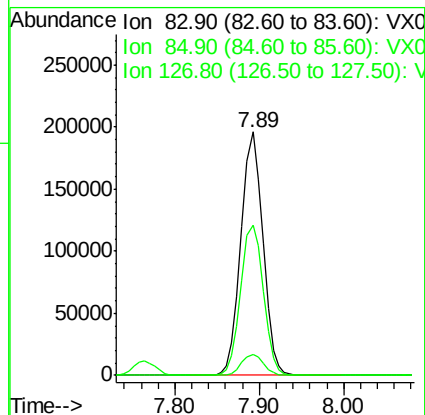
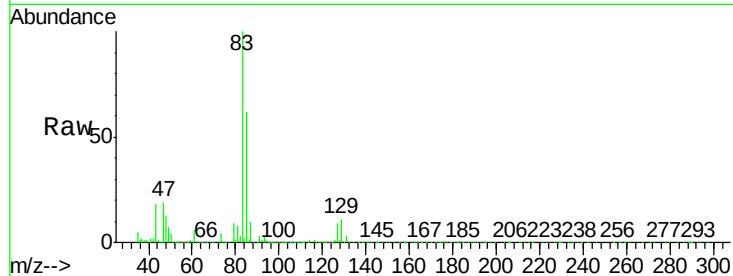
ClientSampled :

VSTDCCC050EC

Tgt Ion:	83	Resp:	344045
Ion Ratio	Lower	Upper	
83	100		
85	61.8	51.8	77.8
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.685 ug/l

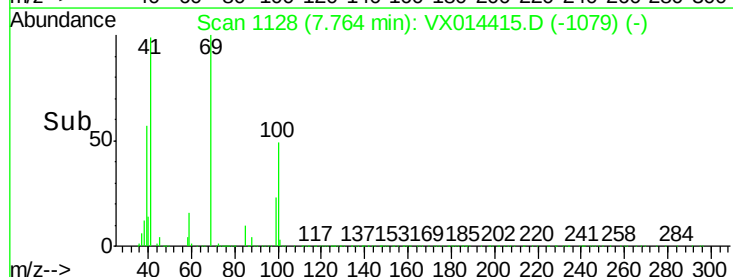
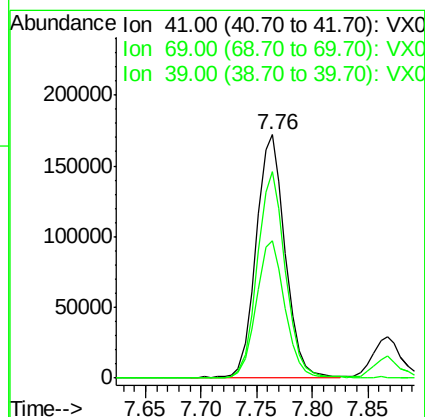
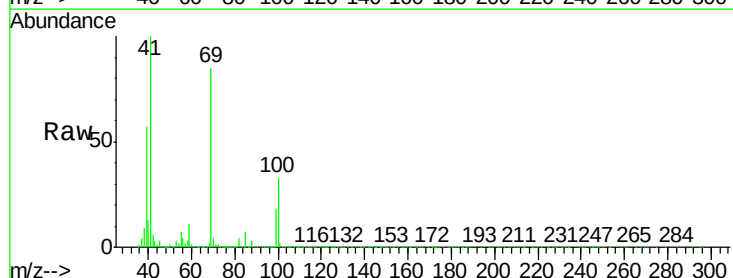
RT: 7.76 min Scan# 1128

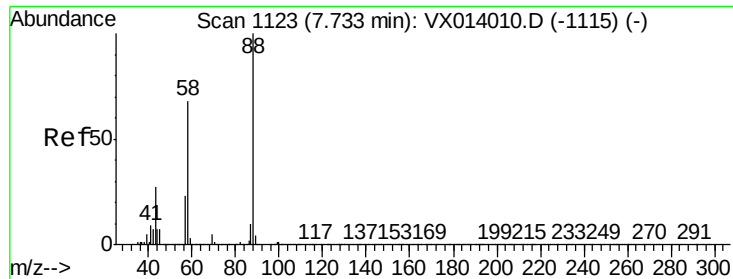
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	41	Resp:	311095
Ion Ratio	Lower	Upper	
41	100		
69	82.6	65.8	98.6
39	55.7	44.6	67.0





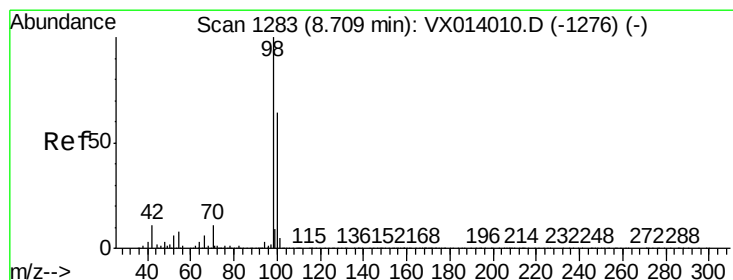
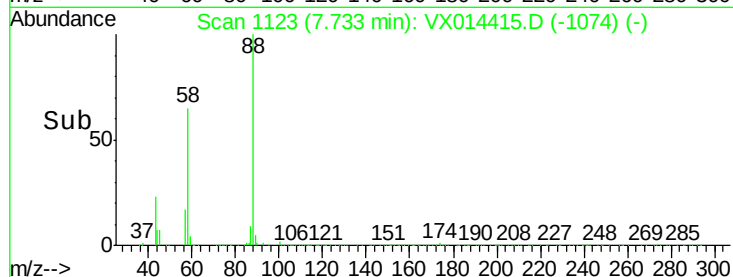
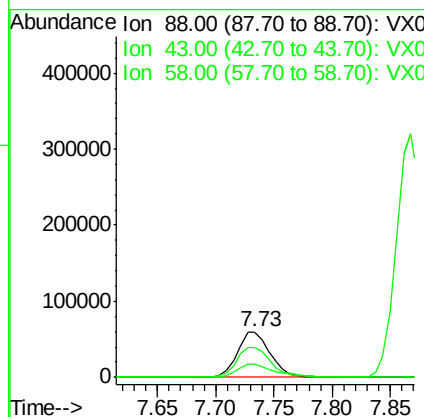
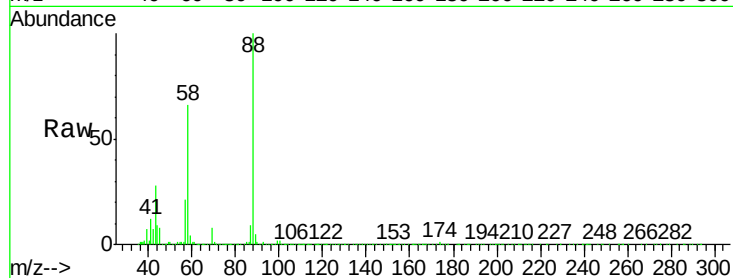
#49
1,4-Dioxane
Concen: 940.240 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.5	39.7
58	69.3	56.8	85.2

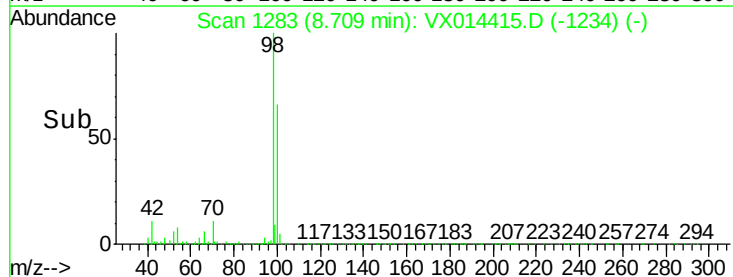
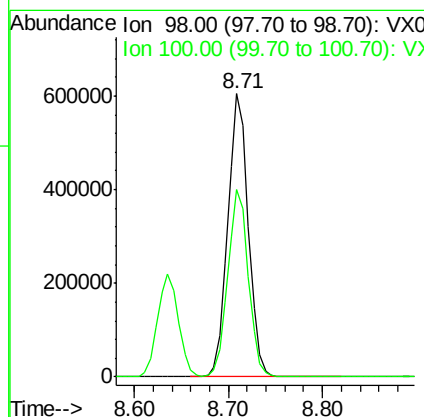
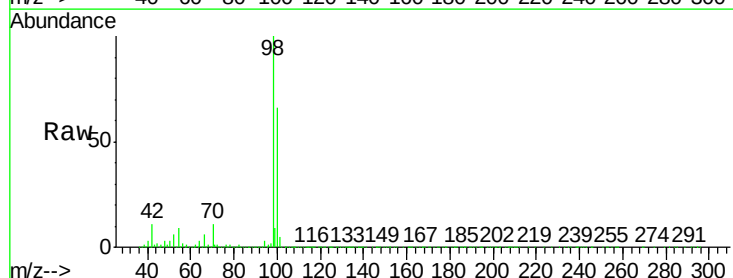
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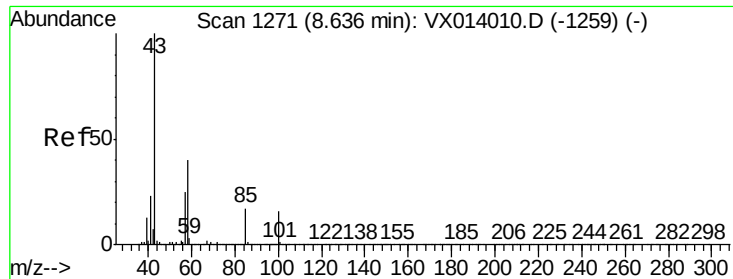
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#50
Toluene-d8
Concen: 51.346 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





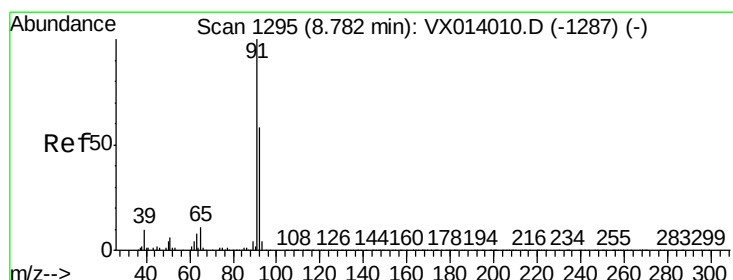
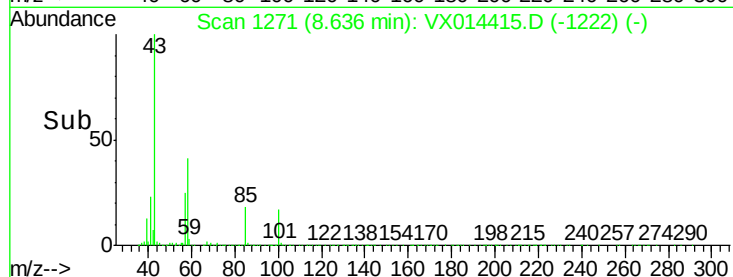
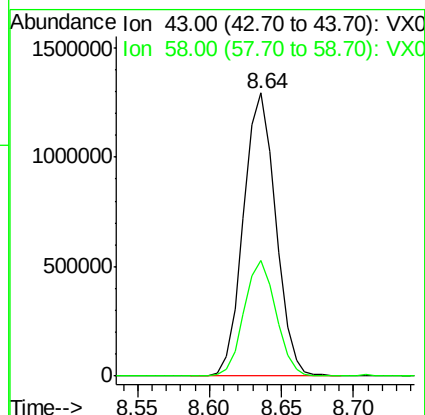
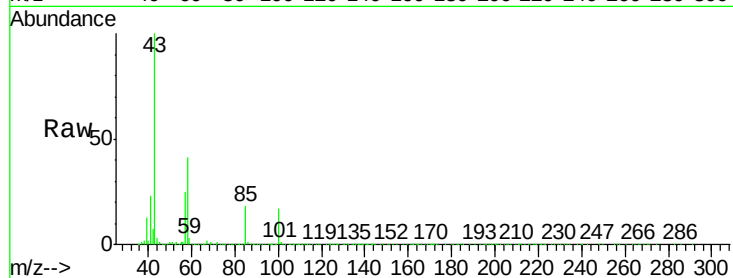
#51
4-Methyl-2-Pentanone
Concen: 255.579 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2011901
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2

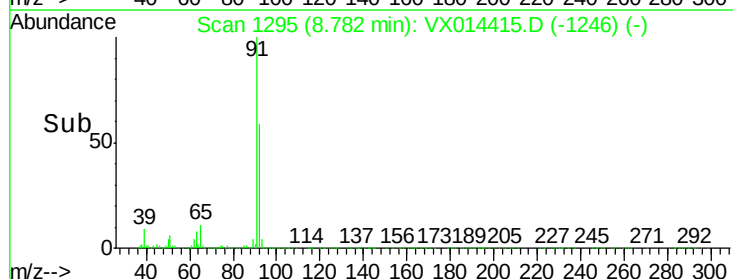
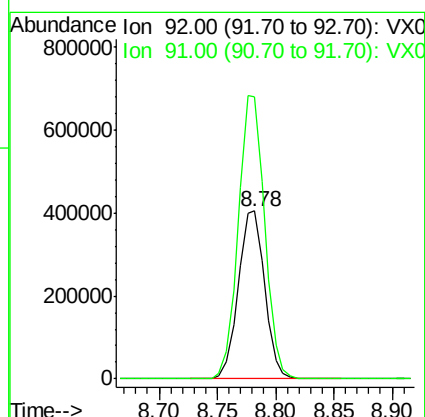
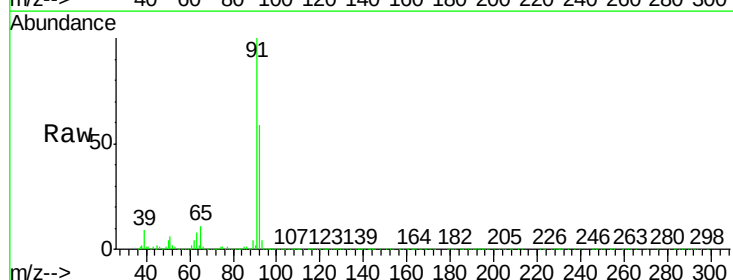
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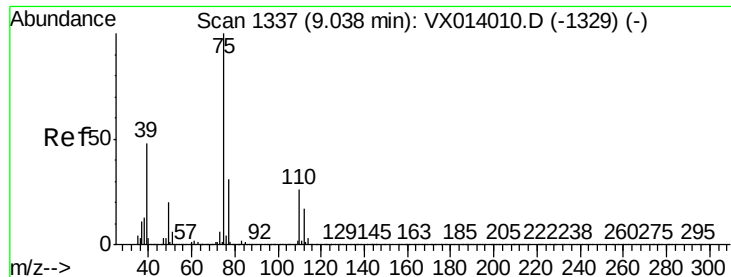
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#52
Toluene
Concen: 47.931 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 92 Resp: 639340
Ion Ratio Lower Upper
92 100
91 168.7 136.2 204.4





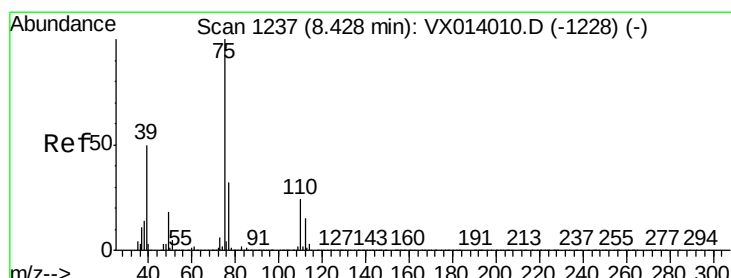
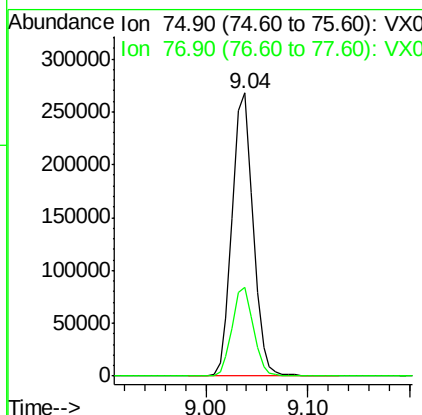
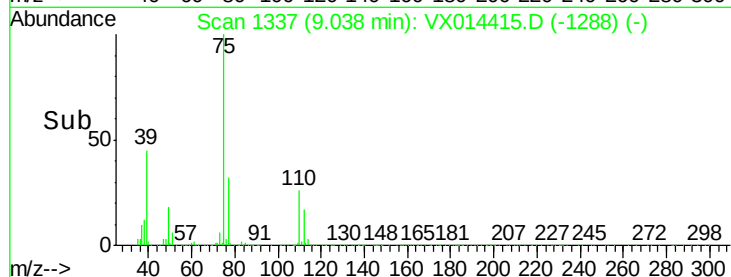
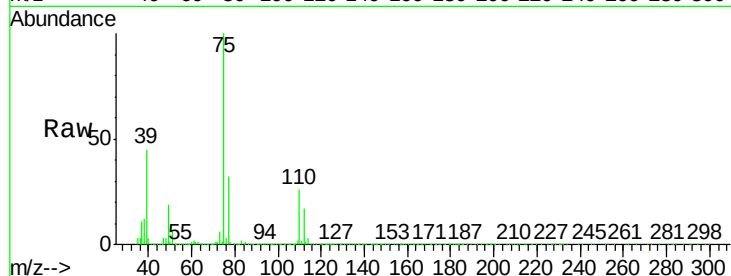
#53
t-1,3-Dichloropropene
Concen: 51.314 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 378960
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7

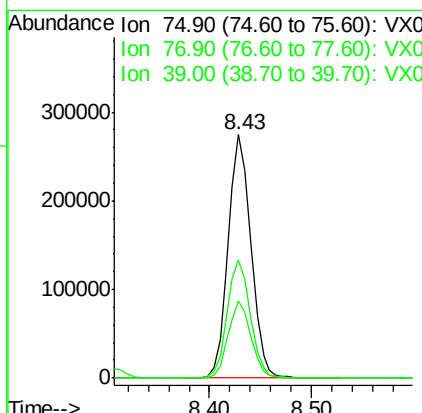
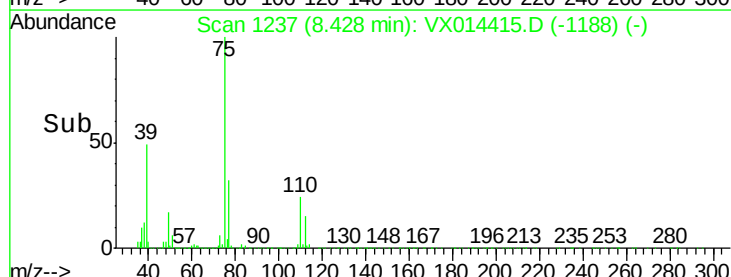
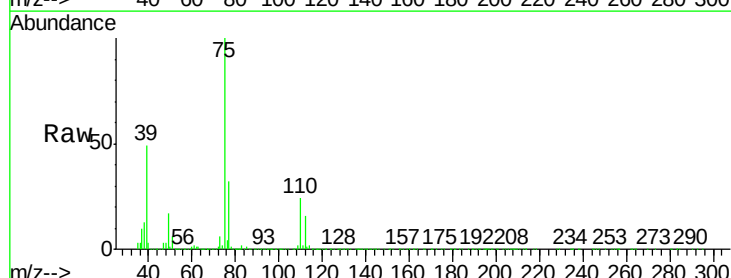
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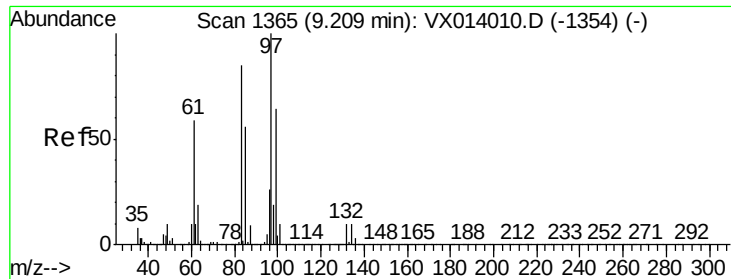
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#54
cis-1,3-Dichloropropene
Concen: 51.317 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 75 Resp: 422212
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 48.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.702 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

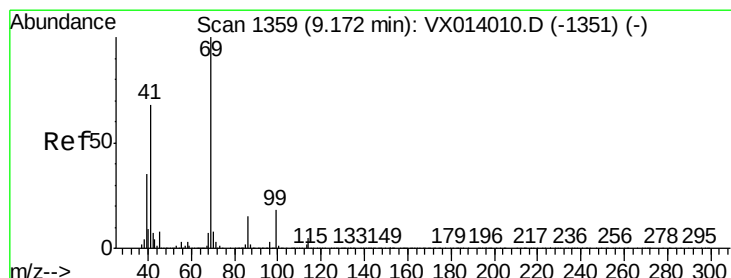
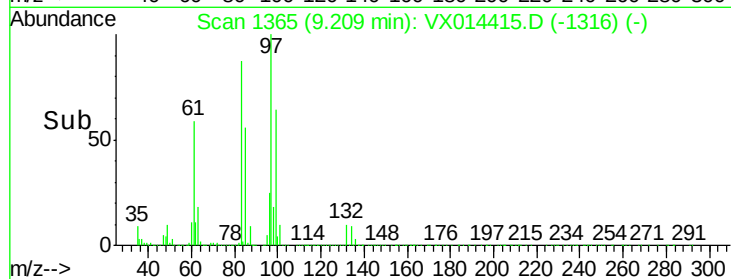
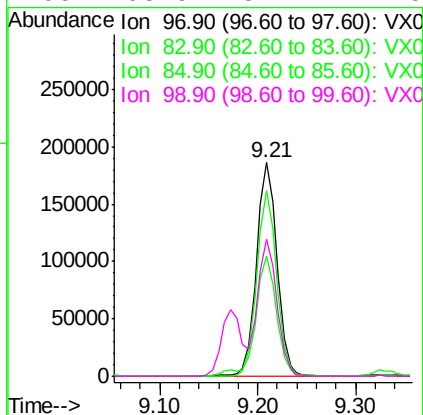
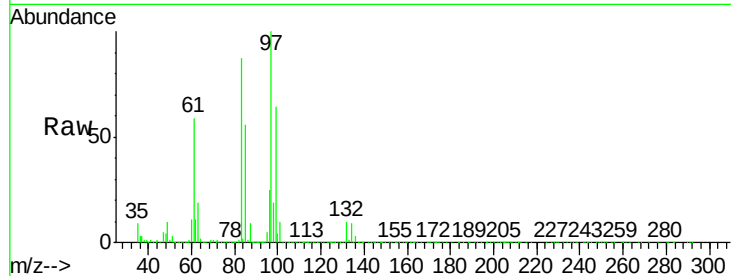
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.2	102.4
85	56.1	44.6	66.8
99	63.9	51.4	77.0

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#56

Ethyl methacrylate

Concen: 51.483 ug/l

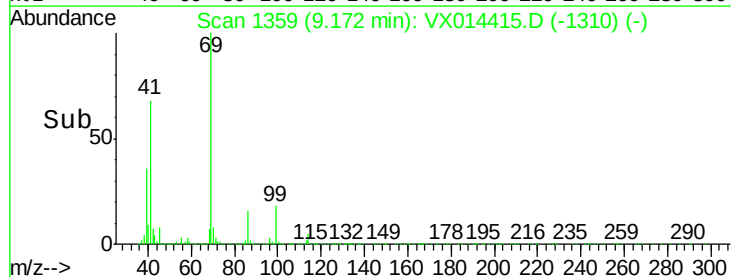
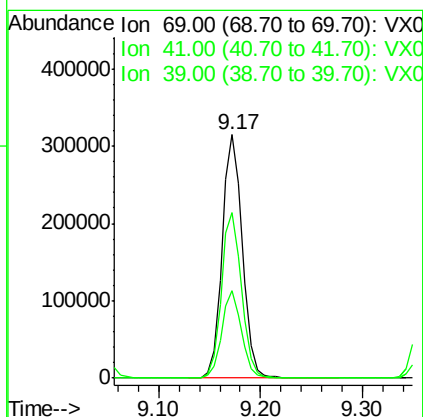
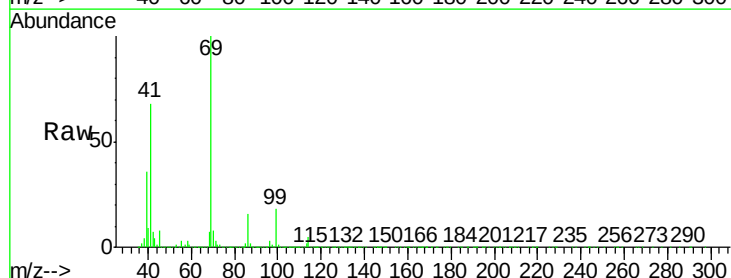
RT: 9.17 min Scan# 1359

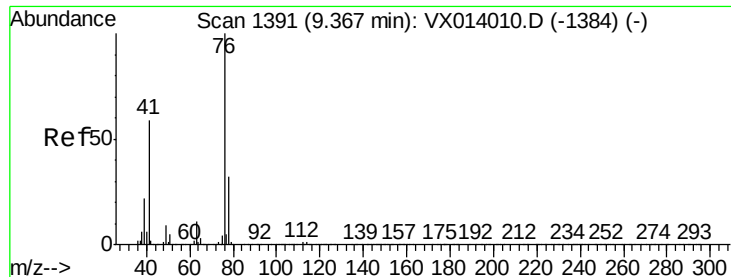
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	35.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.159 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 451170

Ion Ratio Lower Upper

76 100

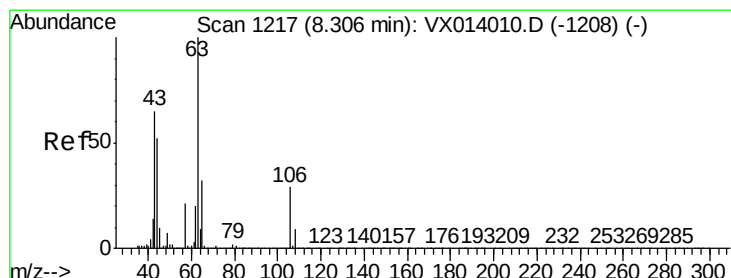
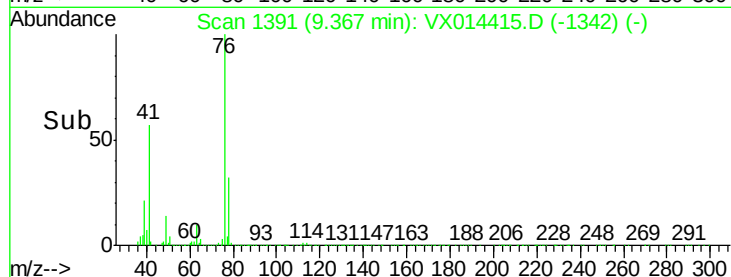
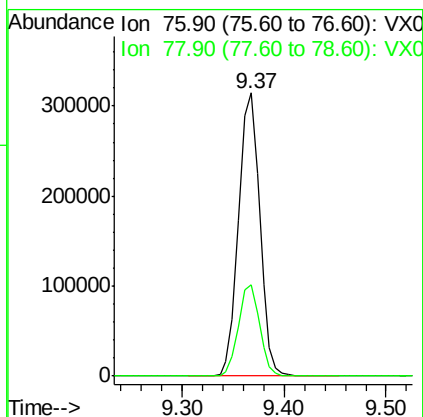
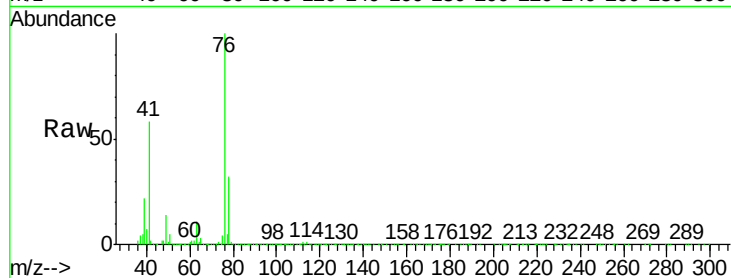
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 266.597 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014415.D

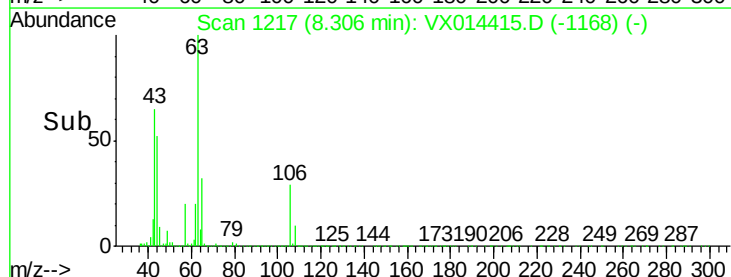
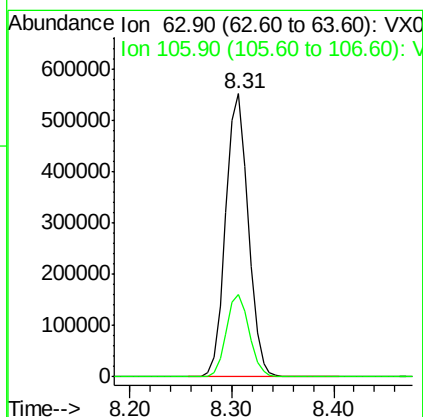
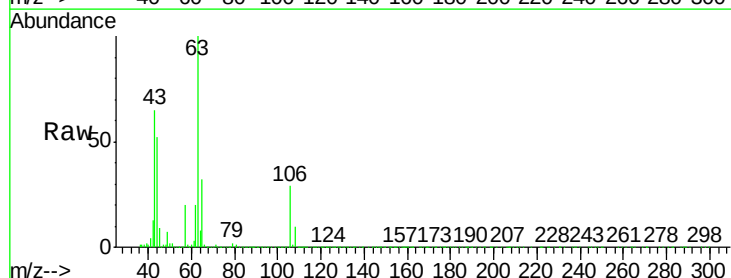
Acq: 03 Jan 2020 20:53

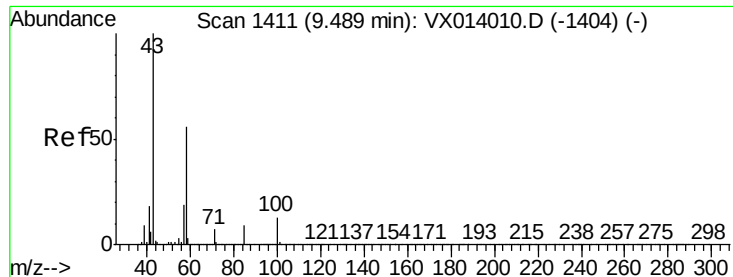
Tgt Ion: 63 Resp: 847255

Ion Ratio Lower Upper

63 100

106 29.3 23.0 34.6





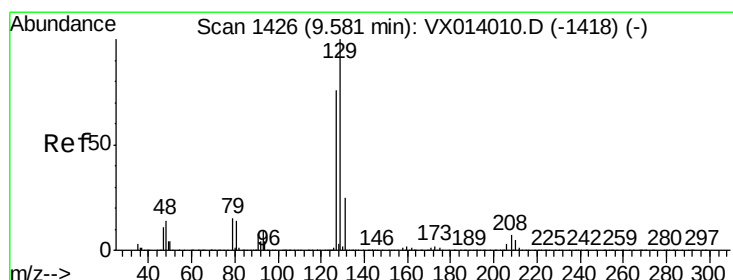
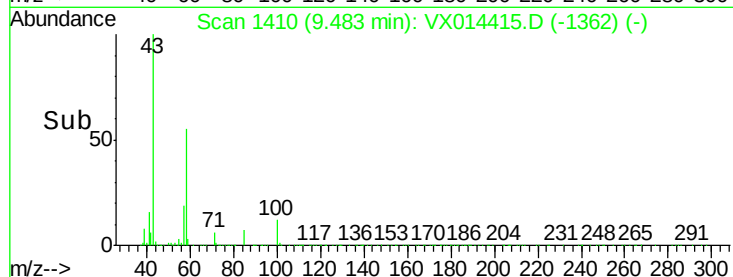
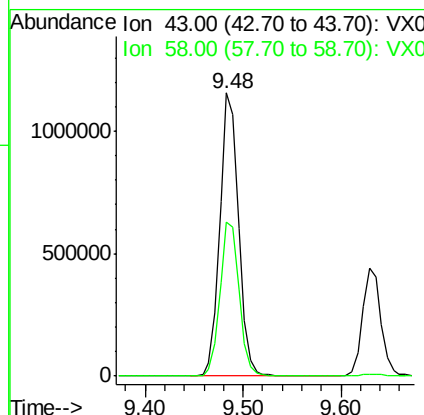
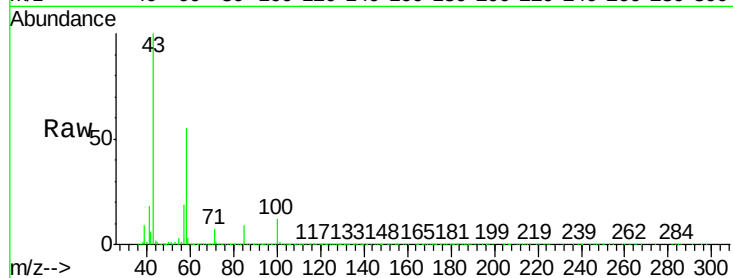
#59
2-Hexanone
Concen: 242.674 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1537807
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0

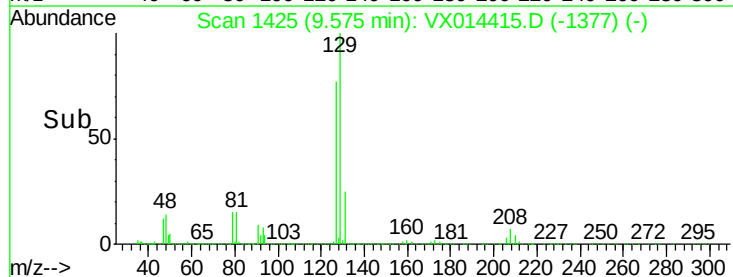
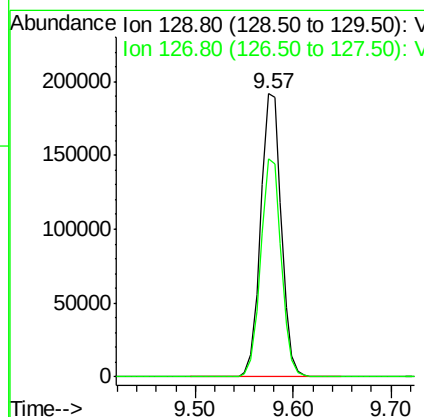
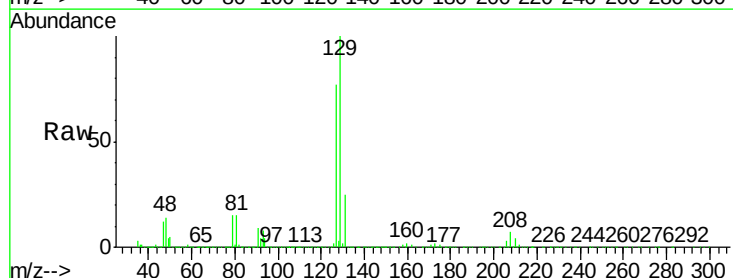
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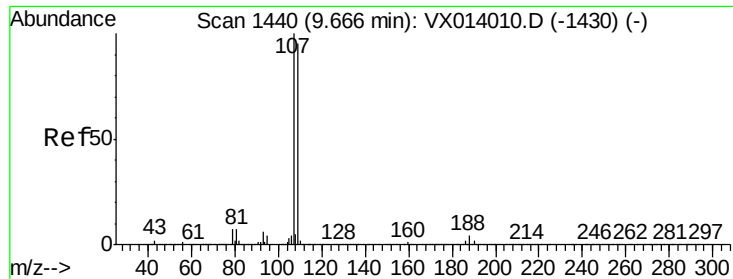
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#60
Dibromochloromethane
Concen: 53.171 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 129 Resp: 282551
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.397 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 275668

Ion Ratio Lower Upper

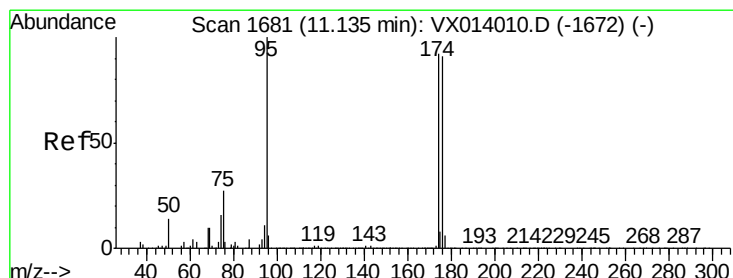
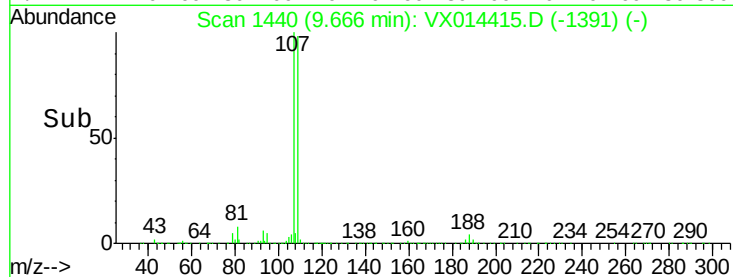
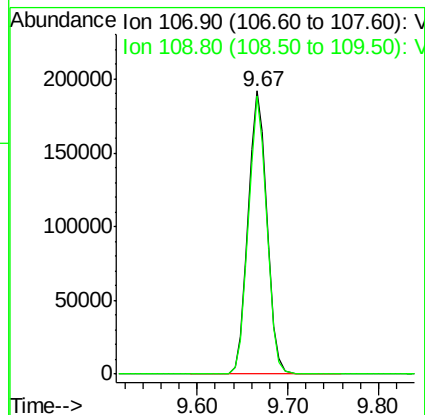
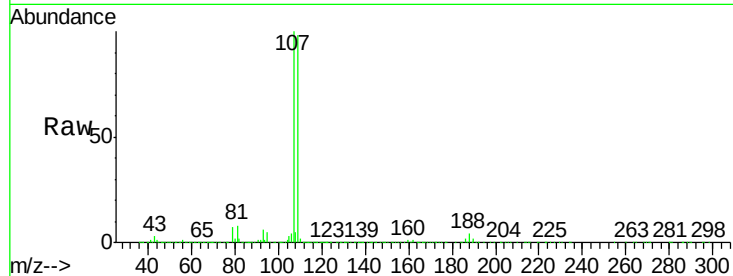
107 100

109 95.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

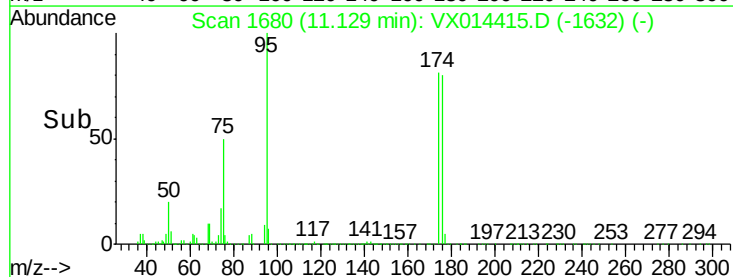
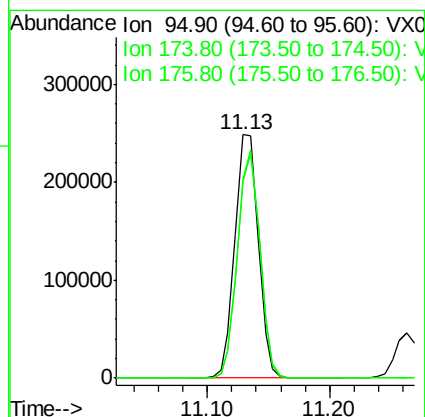
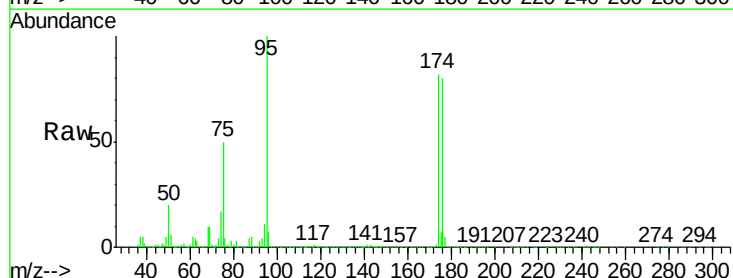
Tgt Ion: 95 Resp: 328217

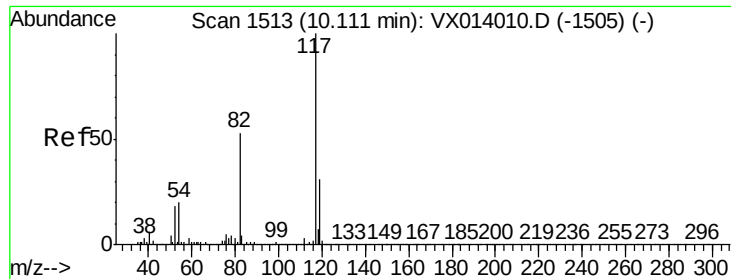
Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

176 89.1 0.0 173.0





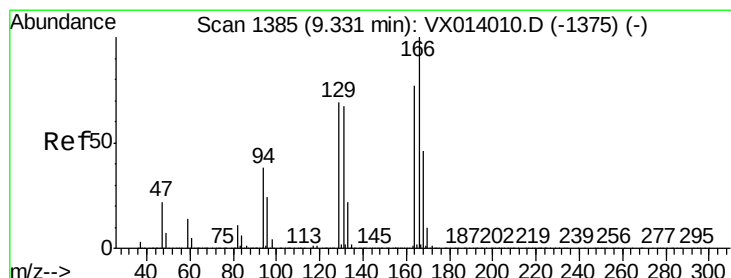
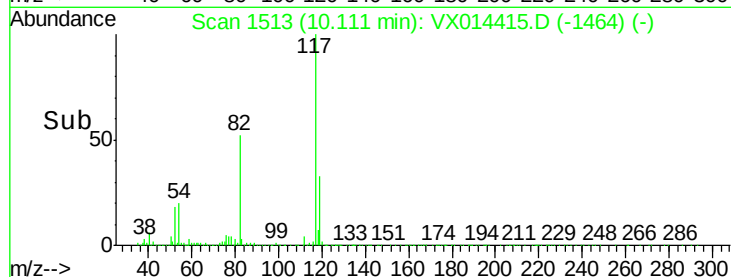
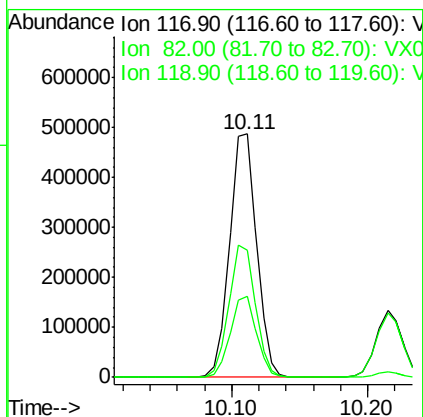
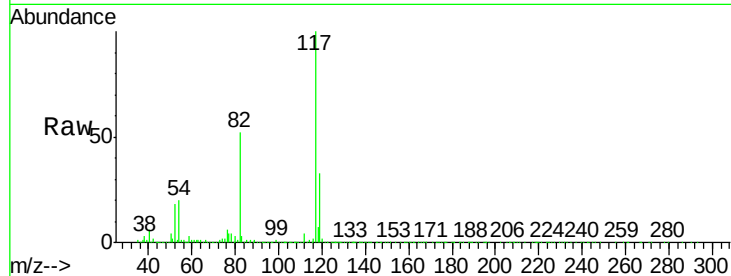
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.2	42.2	63.4
119	33.3	25.1	37.7

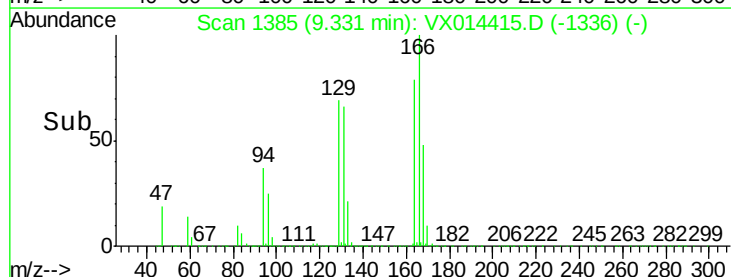
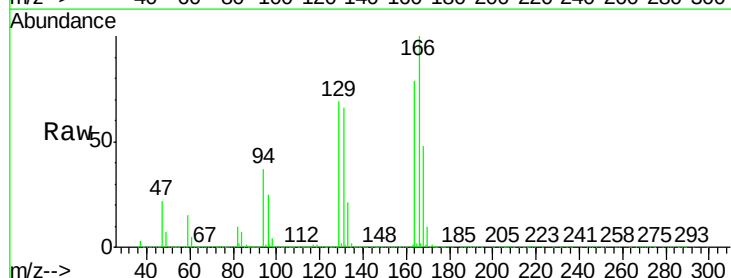
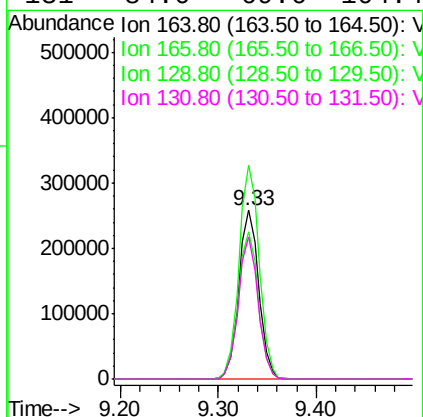
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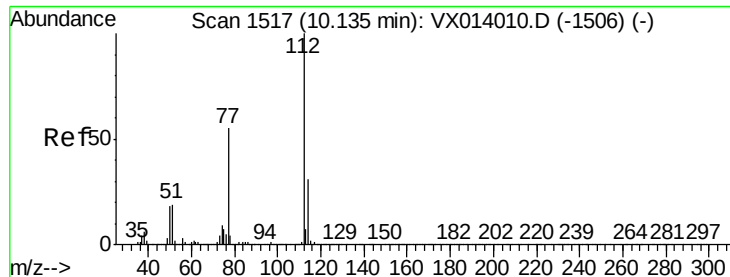
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#64
Tetrachloroethene
Concen: 61.007 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	126.5	104.0	156.0
129	86.8	72.2	108.4
131	84.0	69.6	104.4





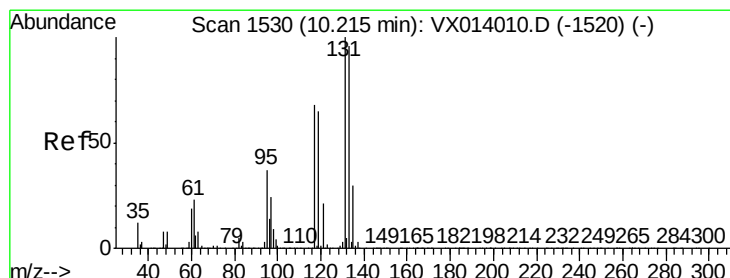
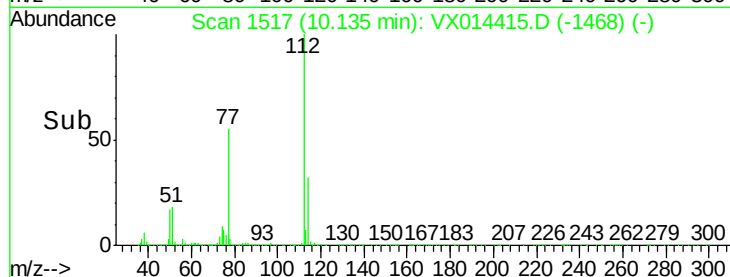
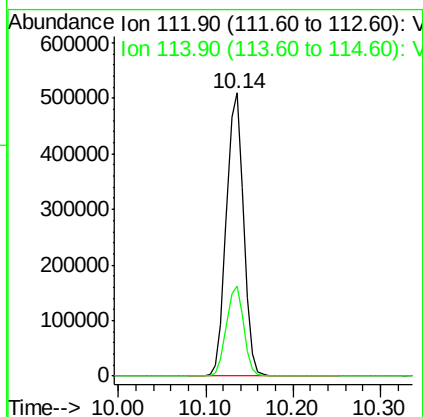
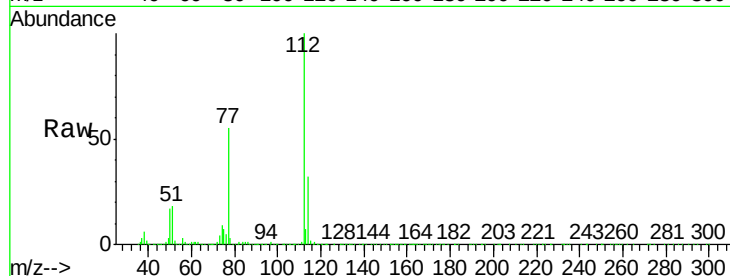
#65
Chlorobenzene
Concen: 48.357 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.9	37.3

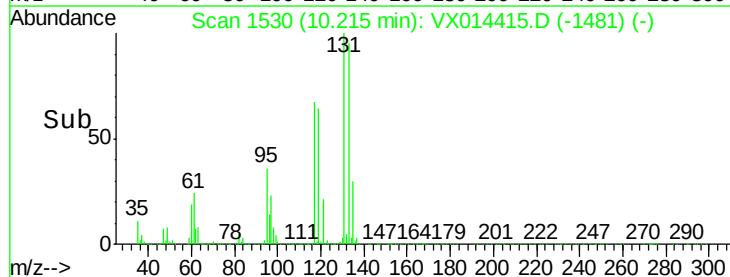
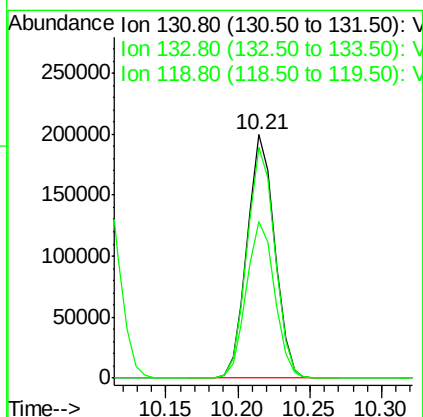
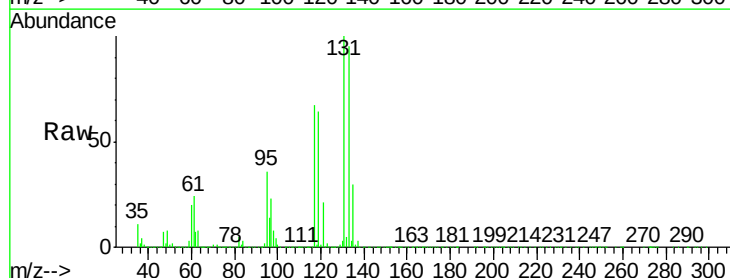
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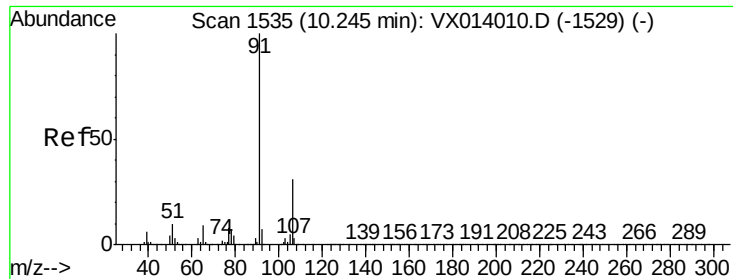
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.283 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.0
119	66.0	33.4	100.2





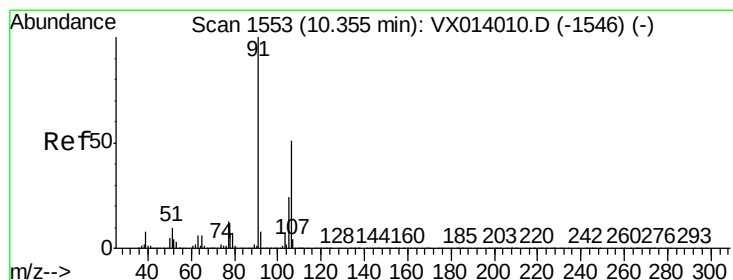
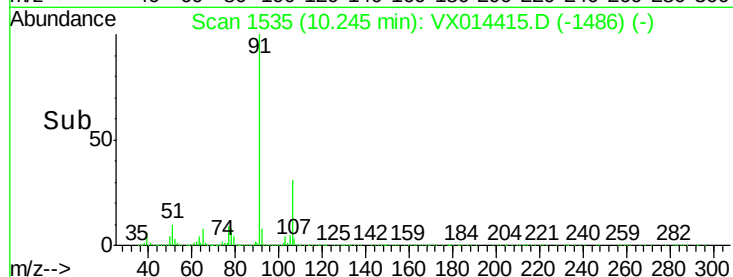
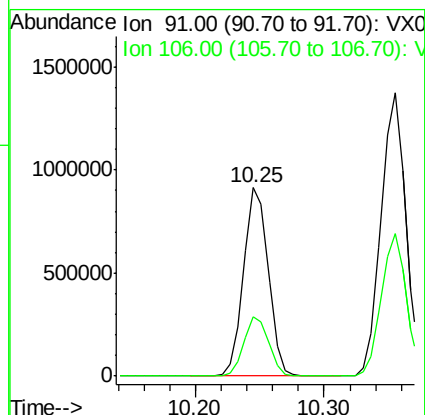
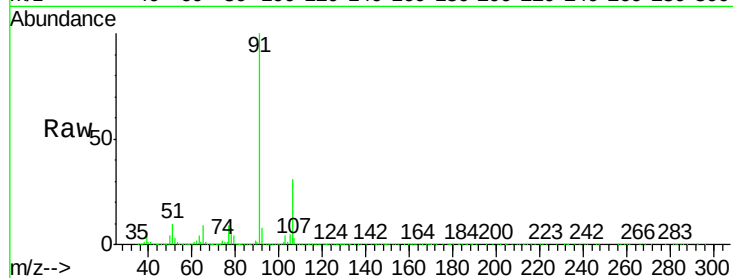
#67
Ethyl Benzene
Concen: 49.048 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1209201
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

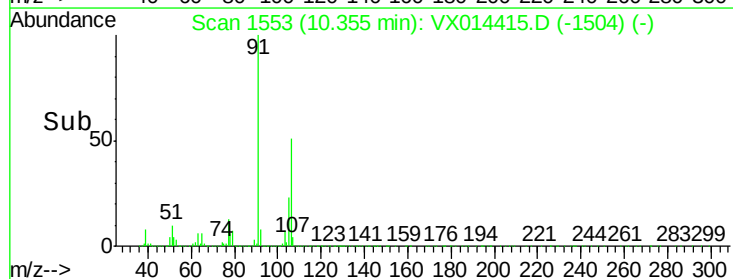
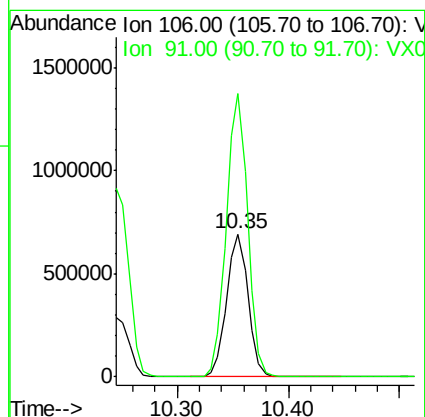
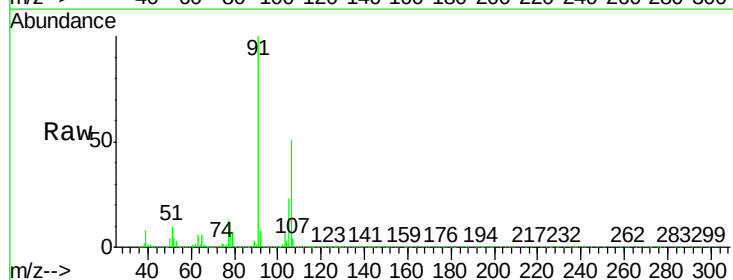
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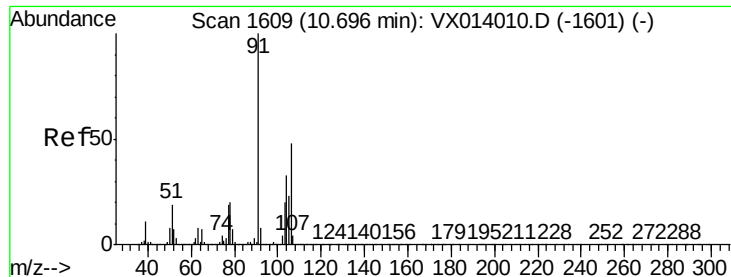
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#68
m/p-Xylenes
Concen: 97.367 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 106 Resp: 923235
Ion Ratio Lower Upper
106 100
91 197.3 158.6 238.0





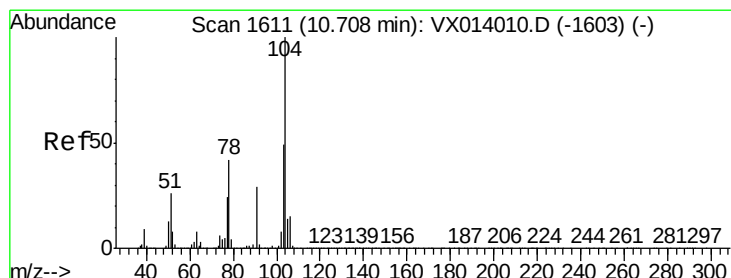
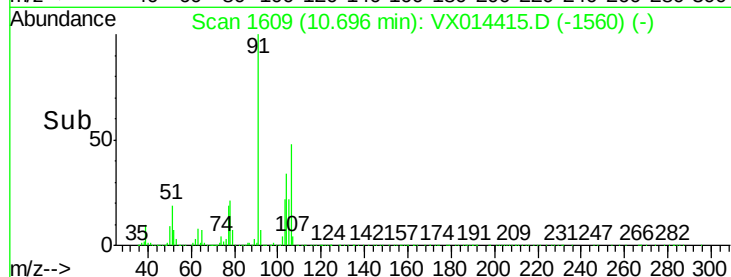
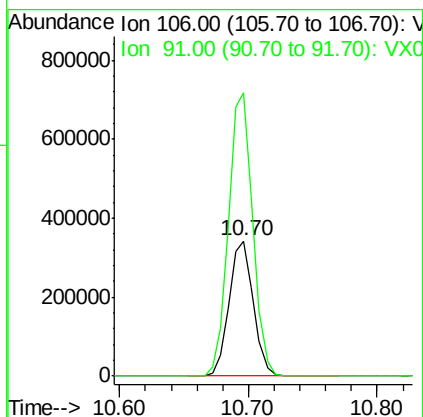
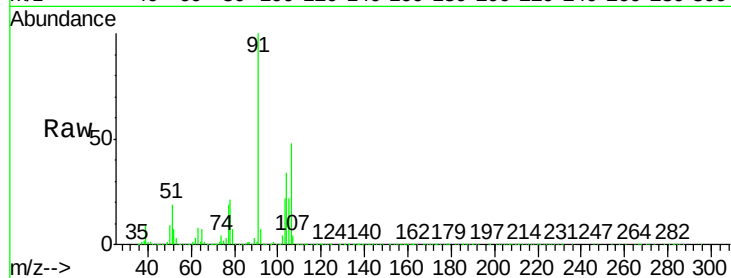
#69
o-Xylene
Concen: 48.413 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	450215		
91	210.6	104.2	312.6	

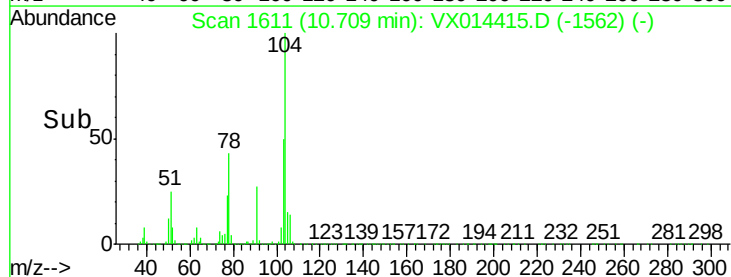
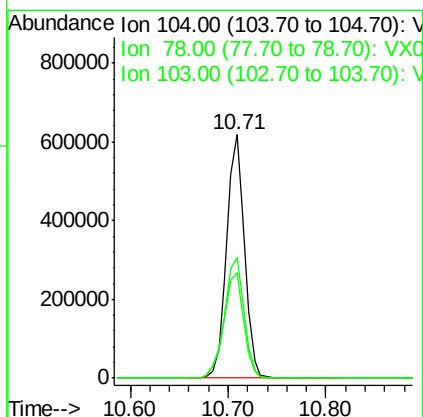
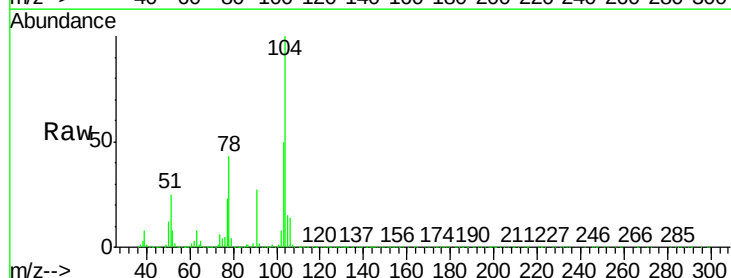
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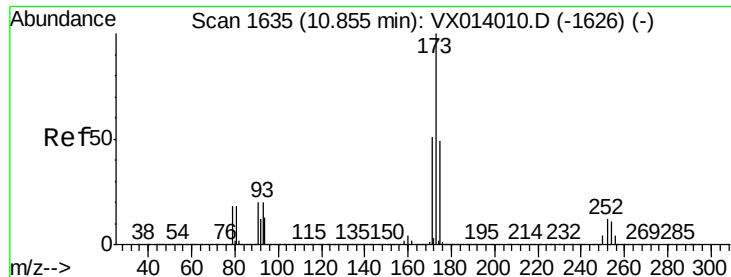
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#70
Styrene
Concen: 49.844 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	783816		
78	48.6	38.5	57.7	
103	54.4	42.9	64.3	





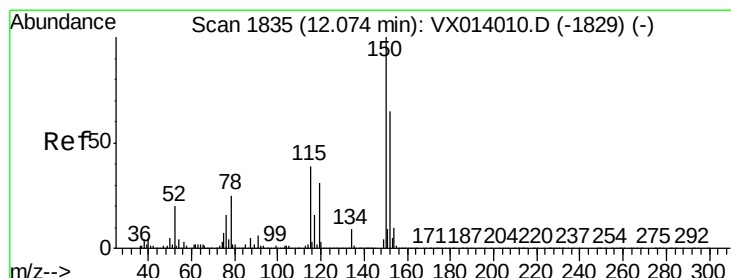
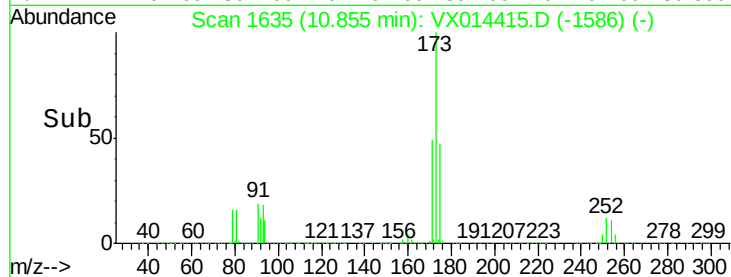
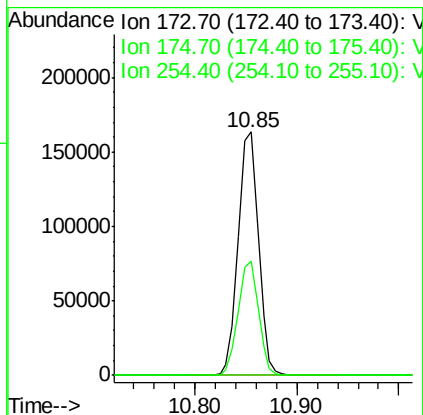
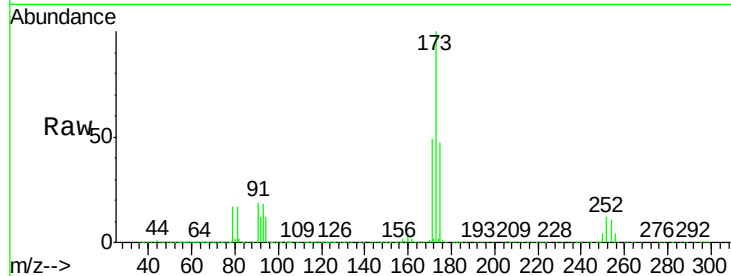
#71
Bromoform
Concen: 54.424 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.4	73.4
254	0.2	0.2	0.2

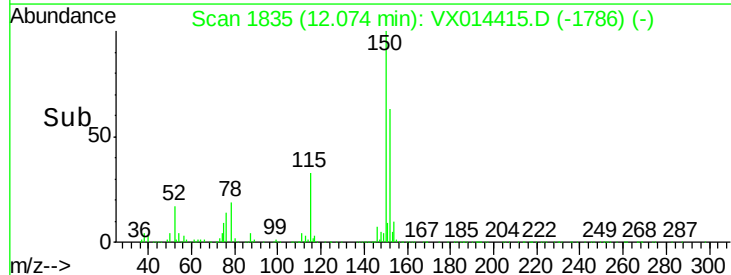
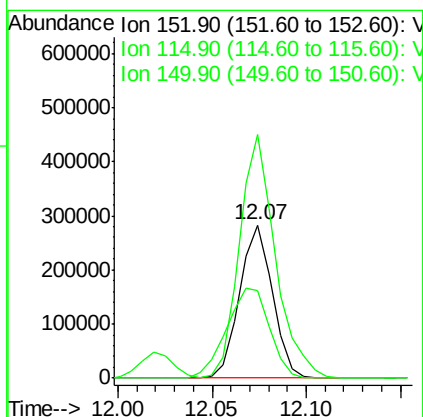
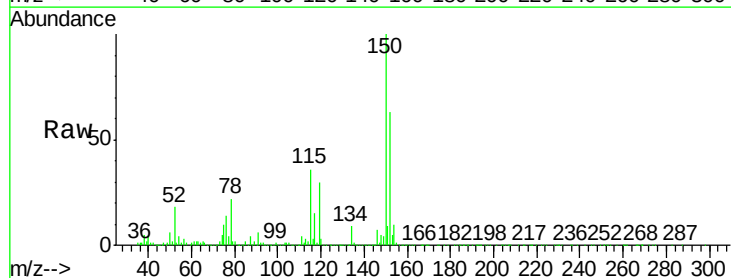
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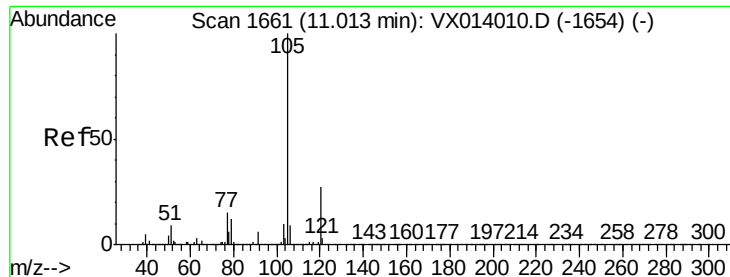
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	38.3	114.9
150	174.4	0.0	345.4





#73

Isopropylbenzene

Concen: 49.812 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1194751

Ion Ratio Lower Upper

105 100

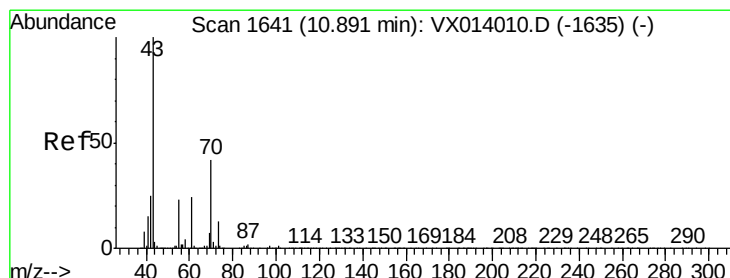
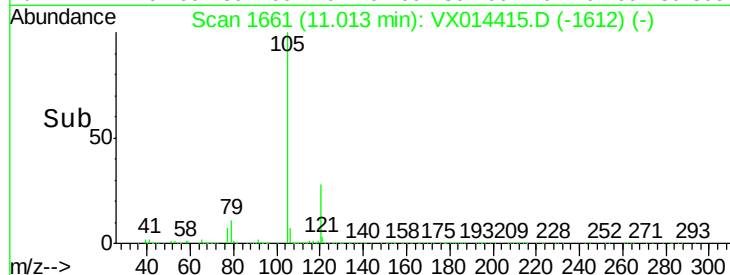
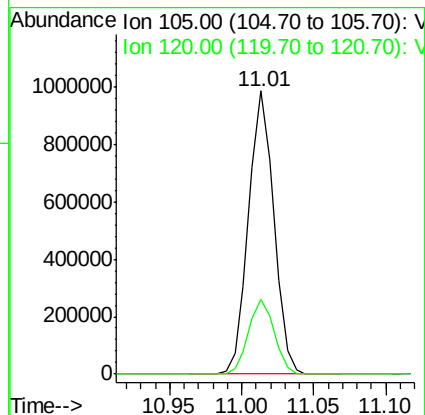
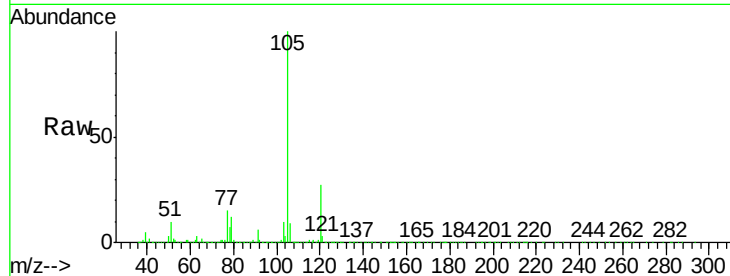
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 51.051 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion: 43 Resp: 573956

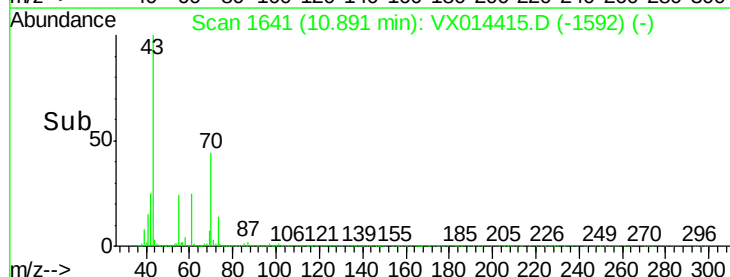
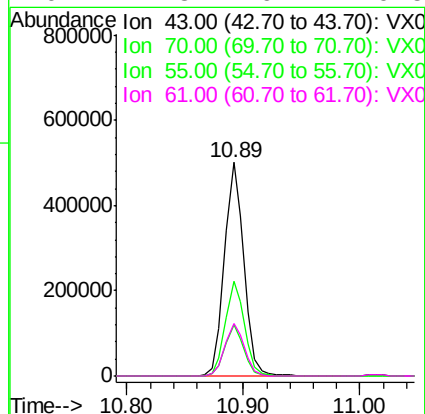
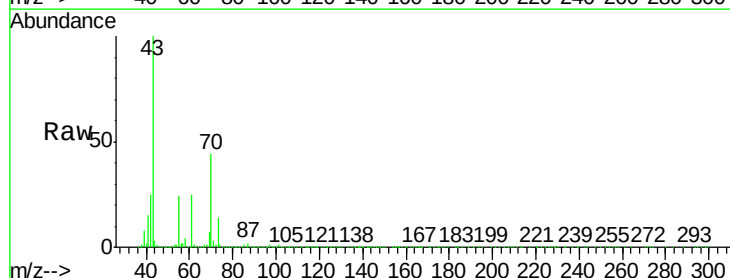
Ion Ratio Lower Upper

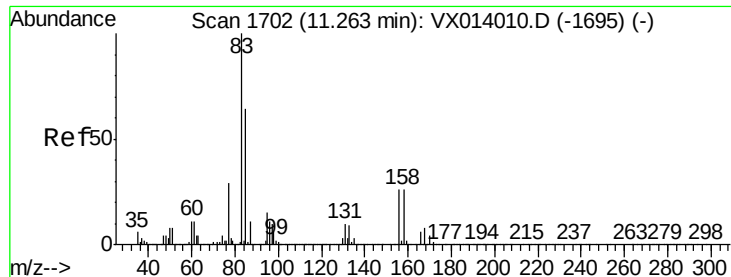
43 100

70 44.2 34.4 51.6

55 23.8 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.392 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

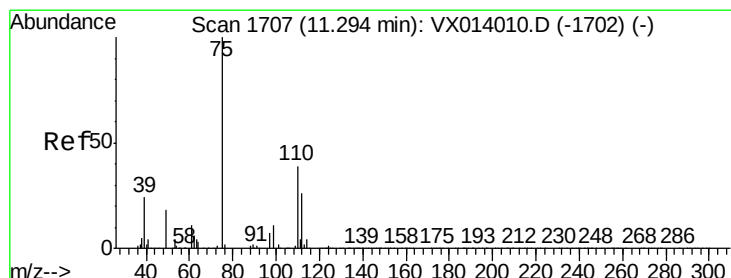
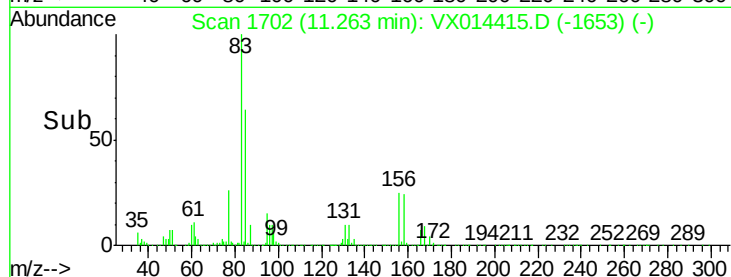
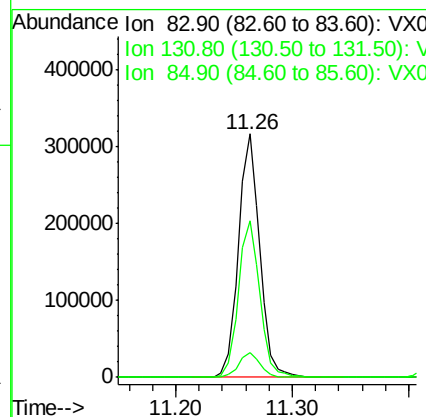
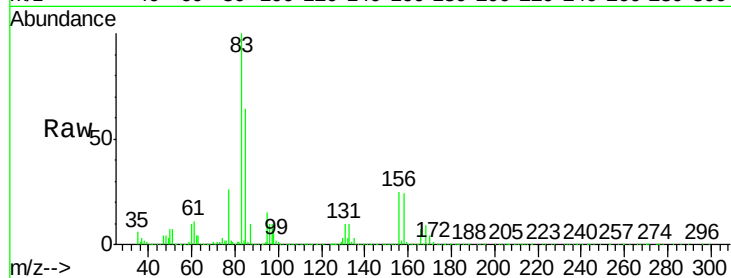
ClientSampled :

VSTDCCC050EC

Tgt Ion:	83	Resp:	402403
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	65.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 45.323 ug/l m

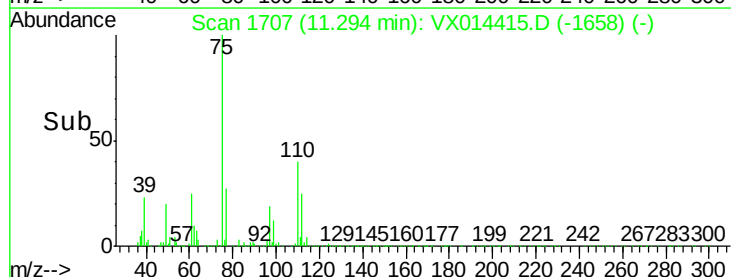
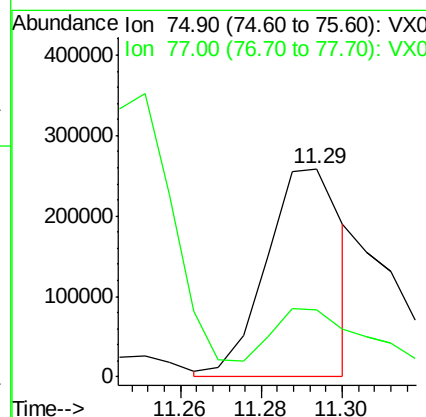
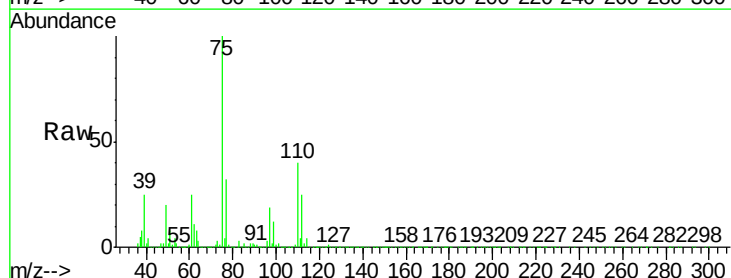
RT: 11.29 min Scan# 1707

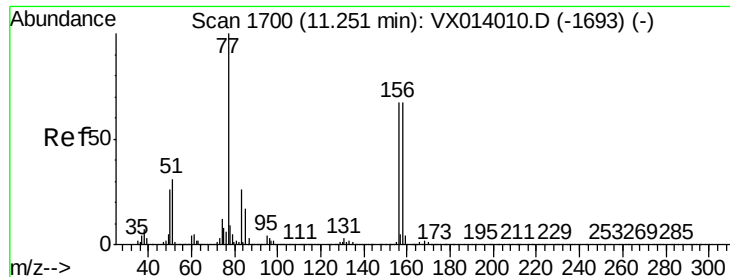
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	75	Resp:	335198
Ion Ratio	Lower	Upper	
75	100		
77	43.9	19.3	57.8





#77

Bromobenzene

Concen: 48.141 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

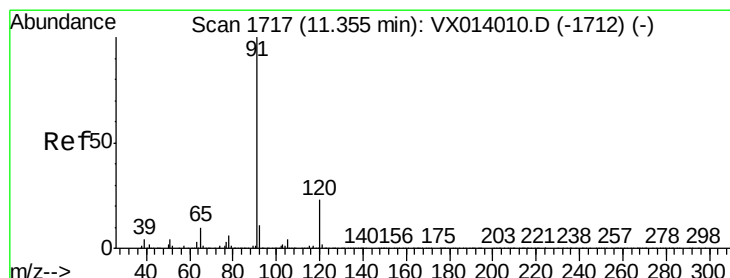
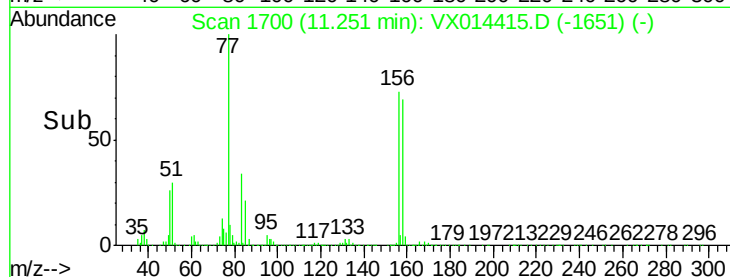
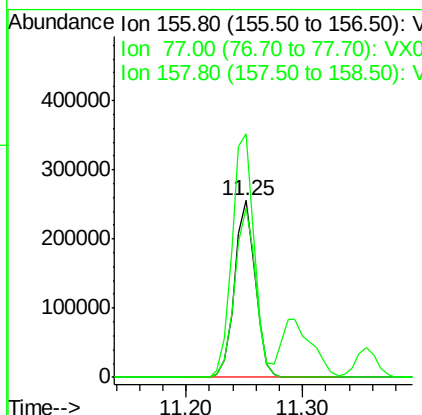
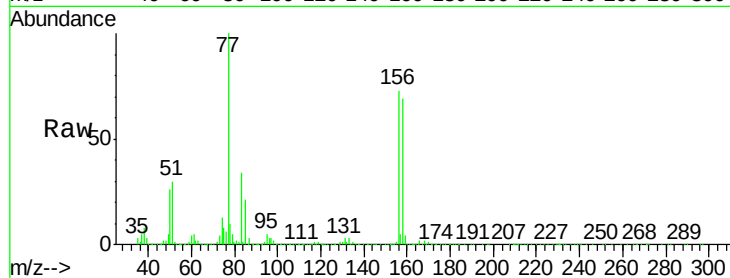
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	317693
Ion Ratio	Lower	Upper	
156	100		
77	148.0	76.5	229.5
158	97.7	49.3	147.9

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#78

n-propylbenzene

Concen: 49.873 ug/l

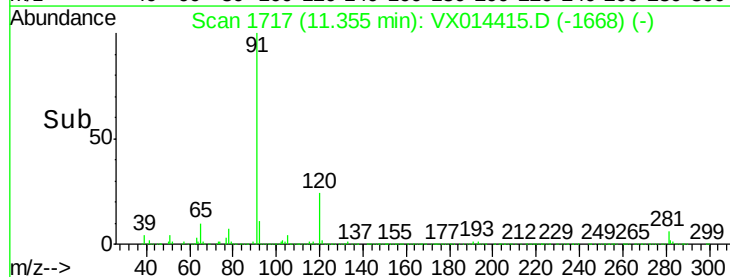
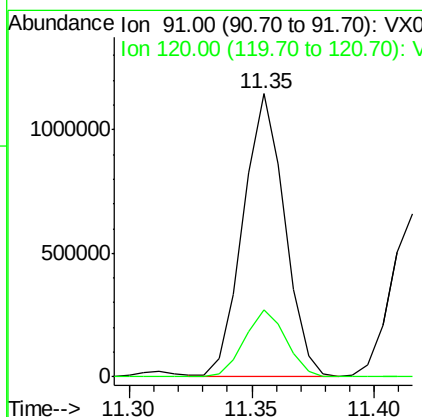
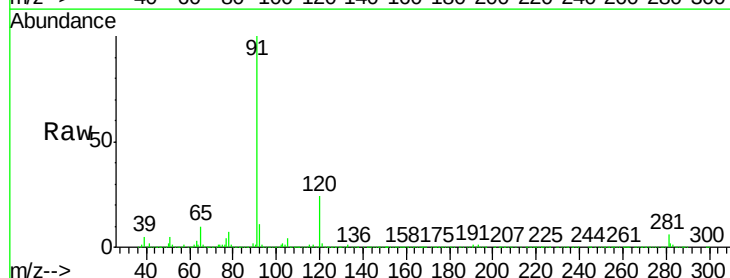
RT: 11.35 min Scan# 1717

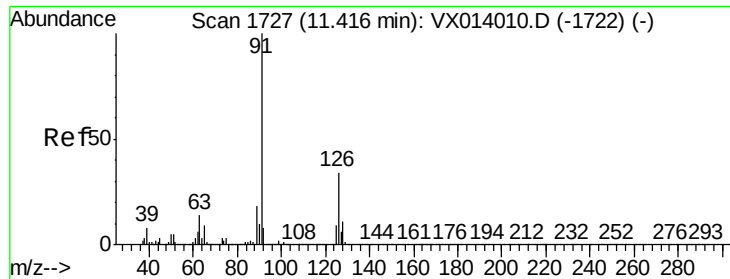
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	91	Resp:	1341754
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.0





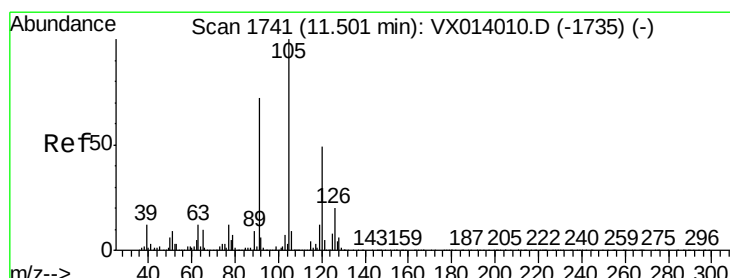
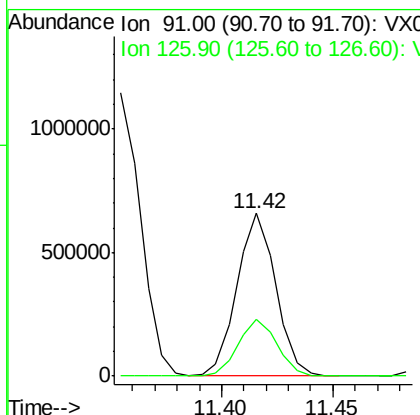
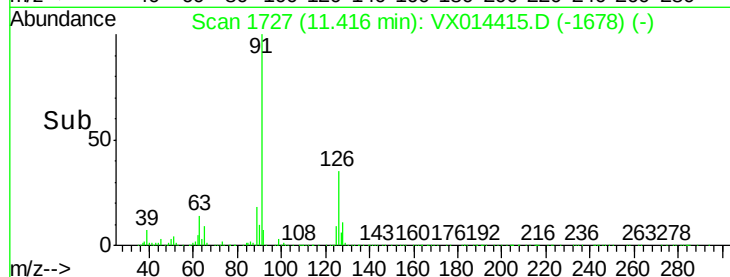
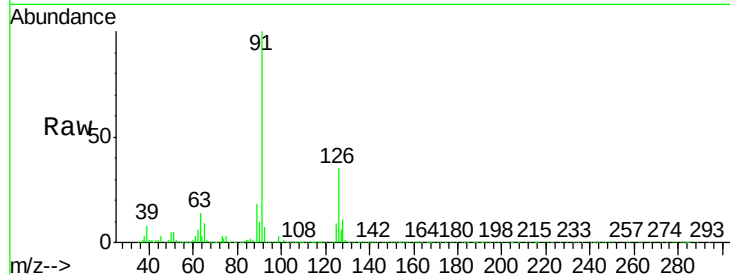
#79
 2-Chlorotoluene
 Concen: 48.715 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 796688
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6

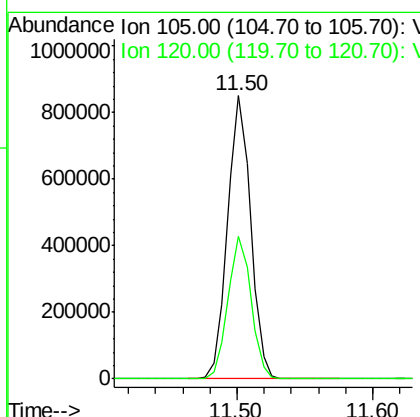
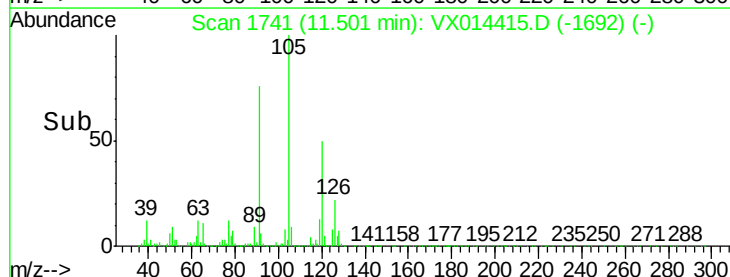
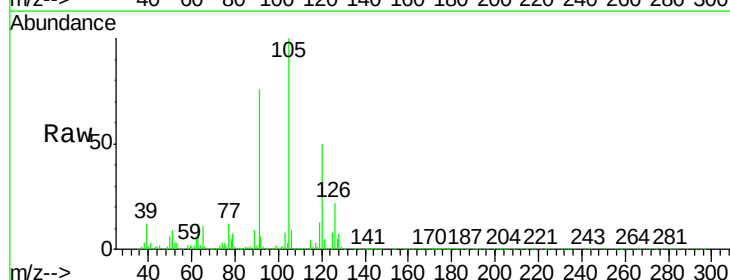
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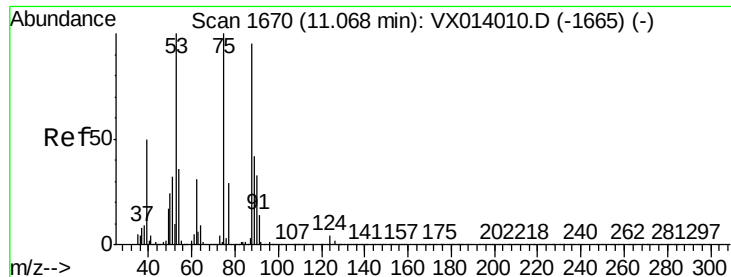
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.593 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion: 105 Resp: 1001091
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.837 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

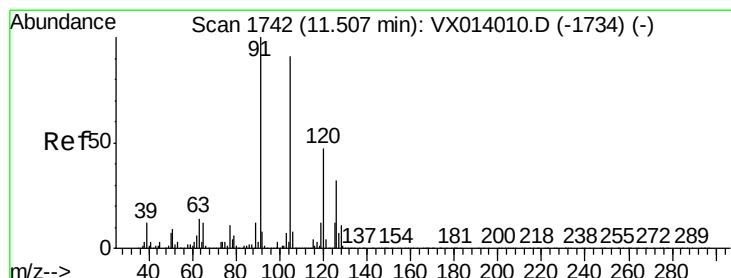
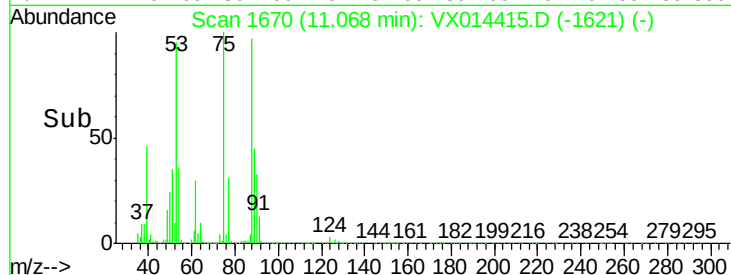
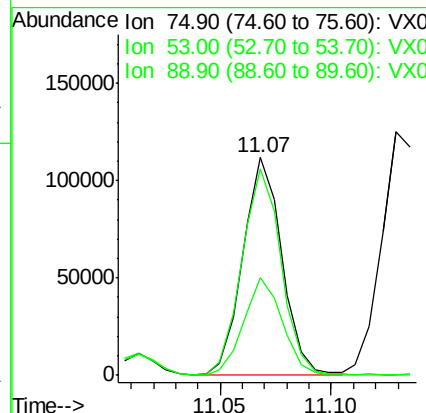
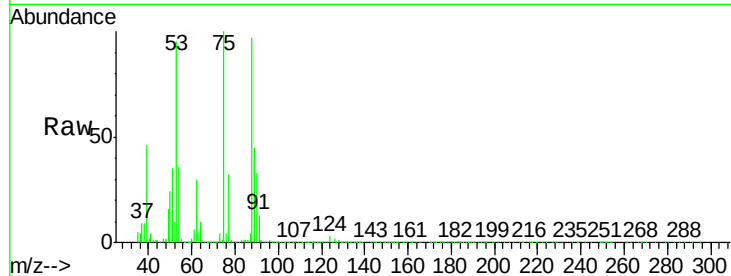
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	135826
Ion Ratio	Lower	Upper	
75	100		
53	96.2	76.7	115.1
89	44.3	34.6	51.8

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#82

4-Chlorotoluene

Concen: 48.654 ug/l

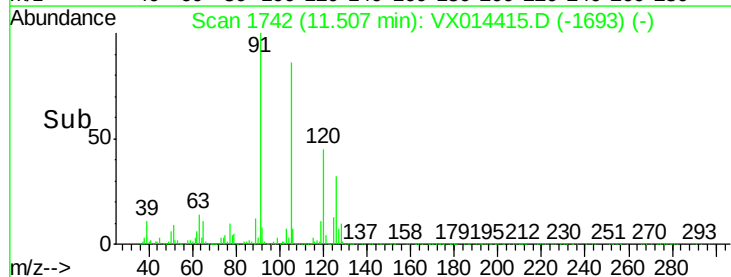
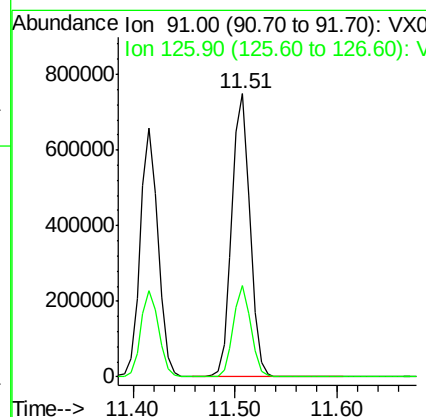
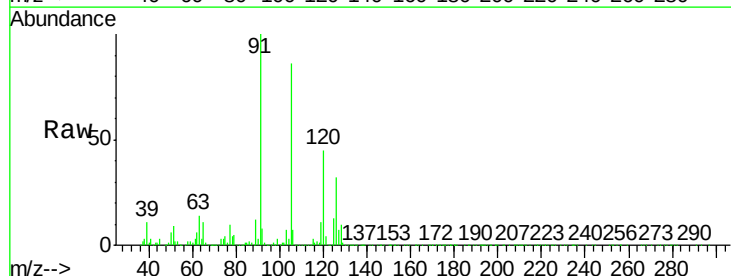
RT: 11.51 min Scan# 1742

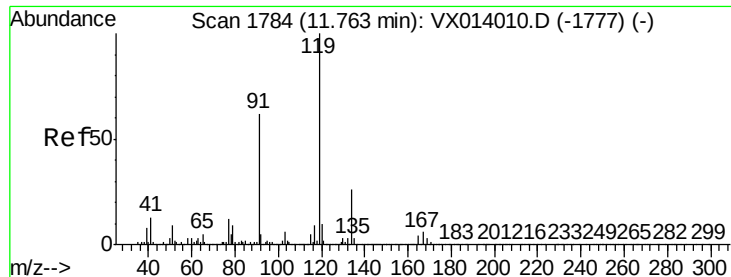
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	91	Resp:	922978
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.6	46.8





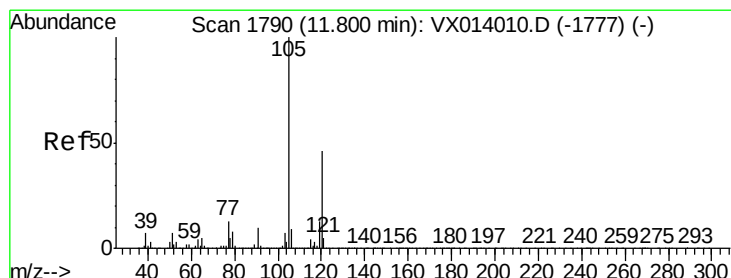
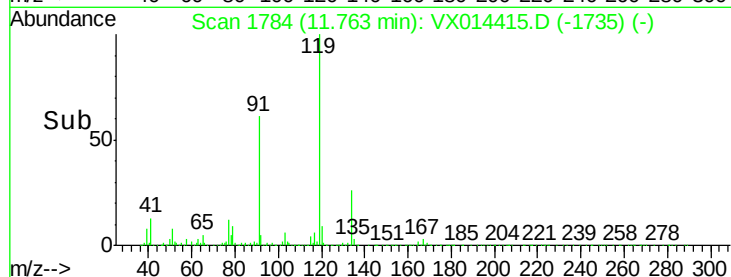
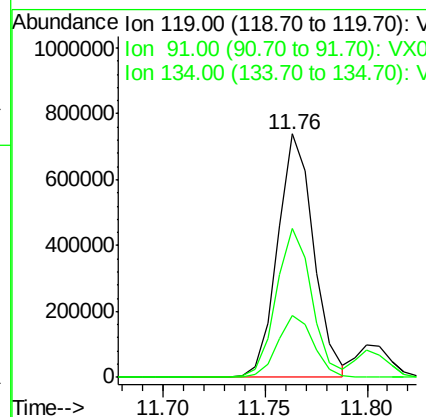
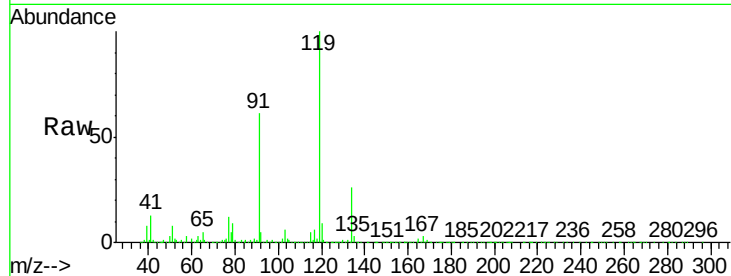
#83
 tert-Butylbenzene
 Concen: 46.119 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	905981		
91	60.8	28.5	85.6	
134	25.4	12.2	36.6	

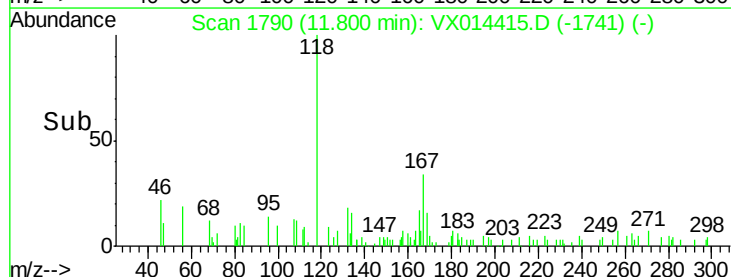
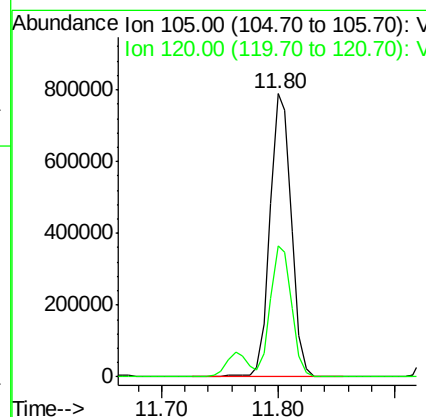
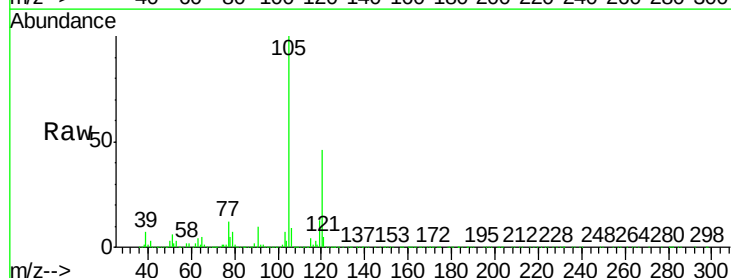
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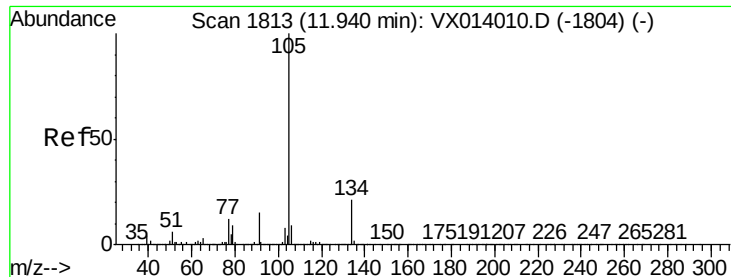
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.917 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1009070		
120	45.9	23.1	69.2	





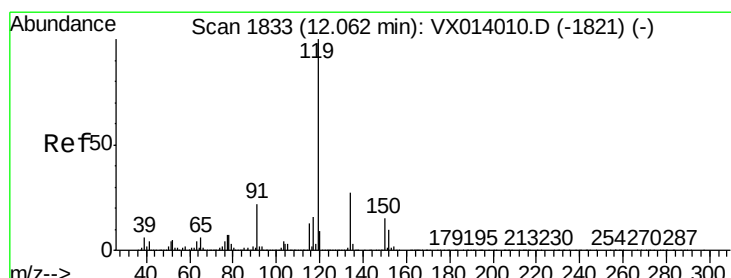
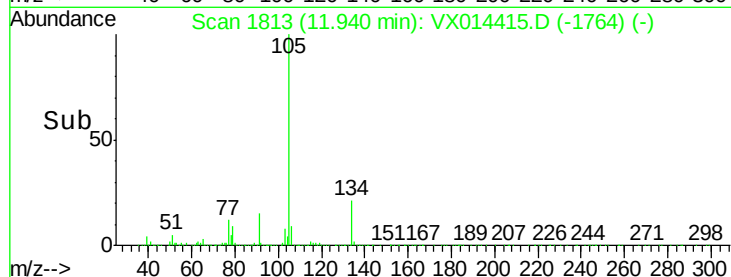
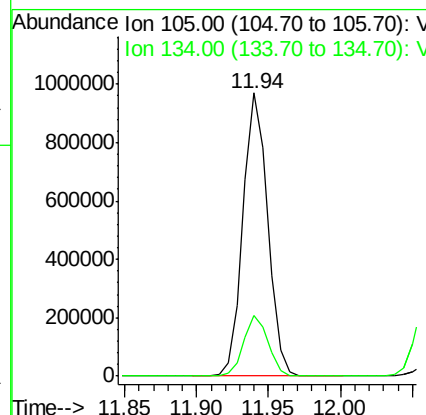
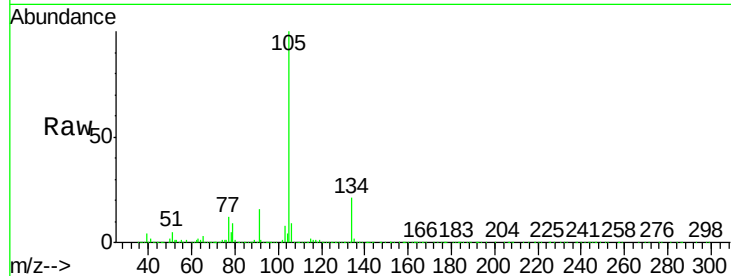
#85
 sec-Butylbenzene
 Concen: 49.988 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1159252
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

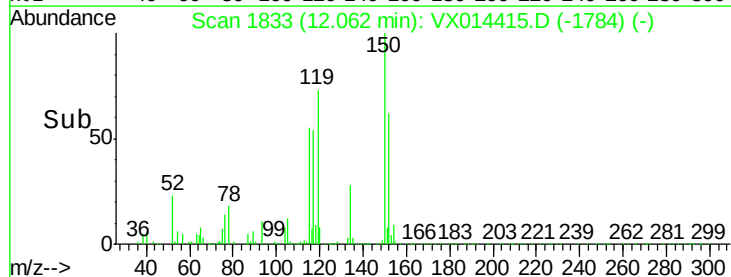
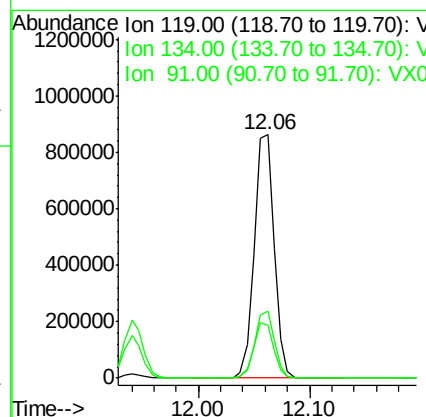
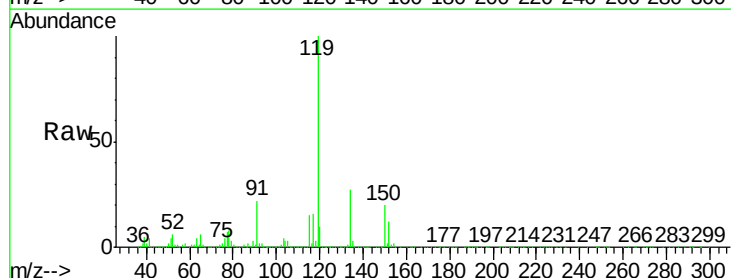
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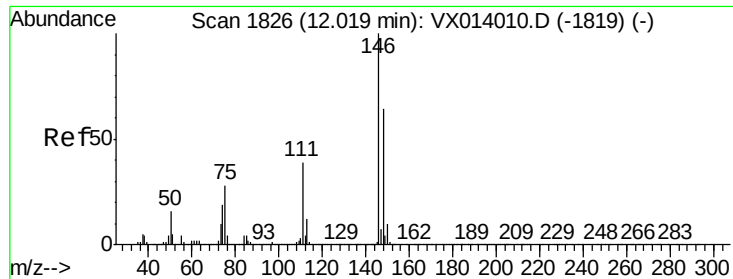
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#86
 p-Isopropyltoluene
 Concen: 50.297 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion:119 Resp: 1066960
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.6 11.4 34.1





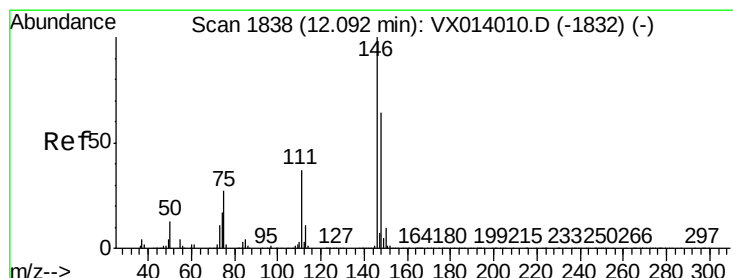
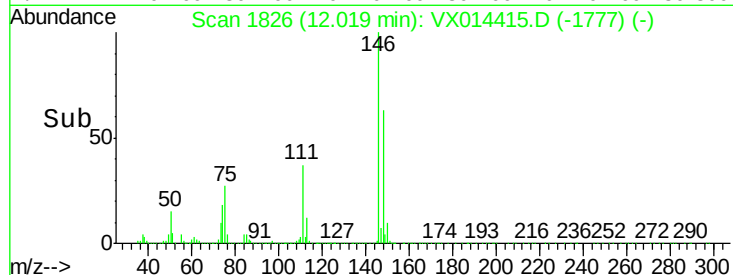
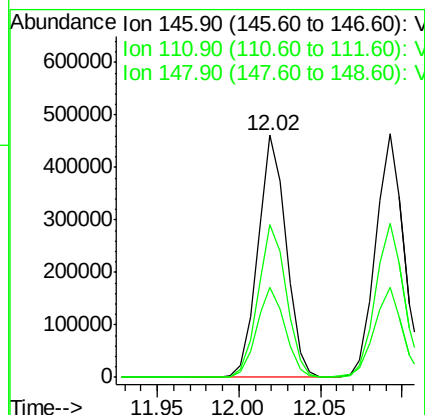
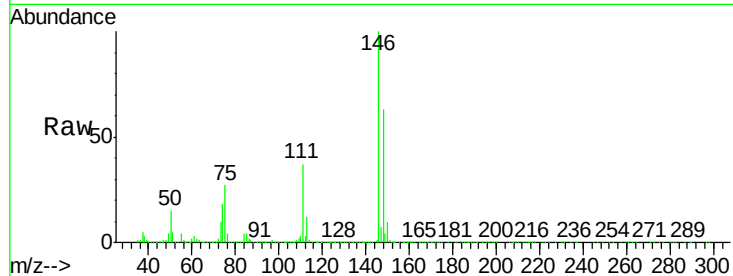
#87
 1,3-Dichlorobenzene
 Concen: 48.000 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	146	Resp:	555161
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.1	57.1
148	63.9	32.3	96.9

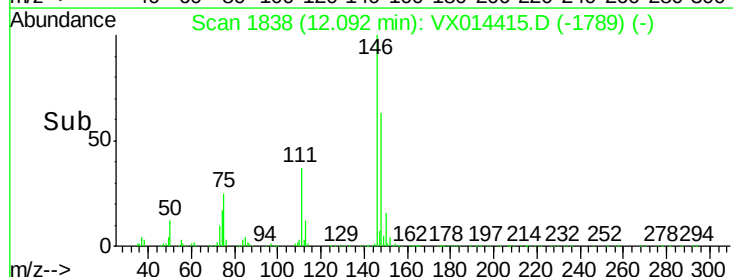
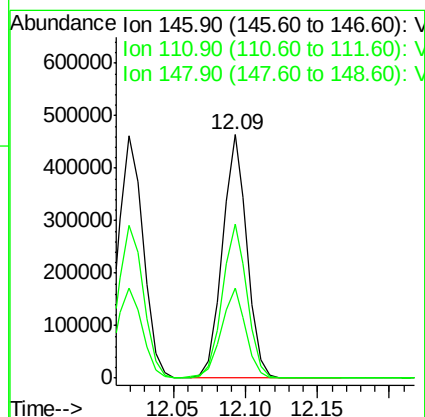
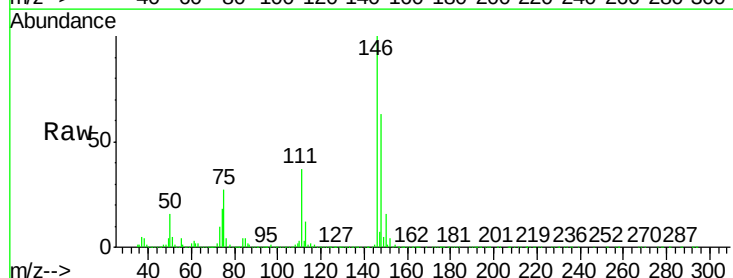
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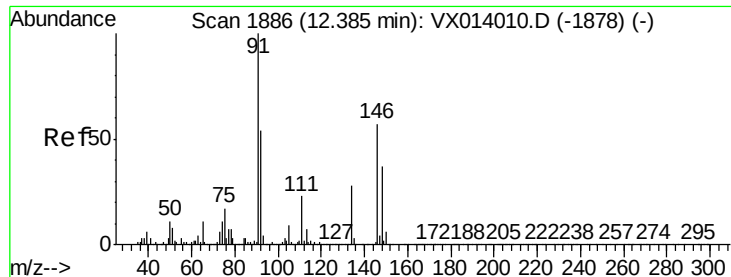
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#88
 1,4-Dichlorobenzene
 Concen: 46.990 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion:	146	Resp:	552613
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 50.131 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_X

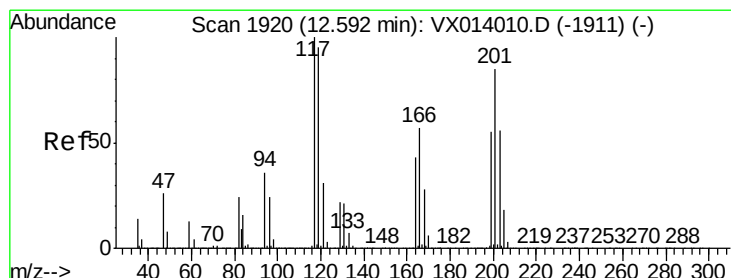
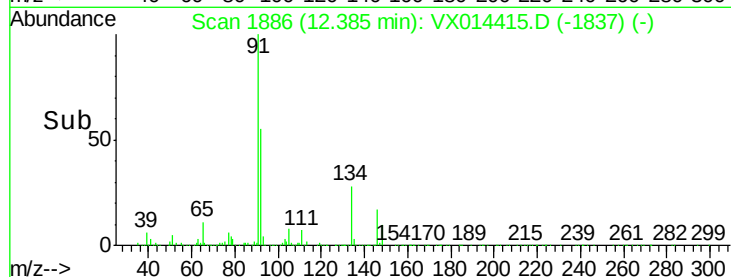
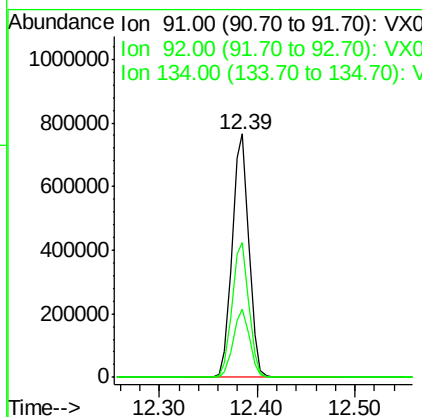
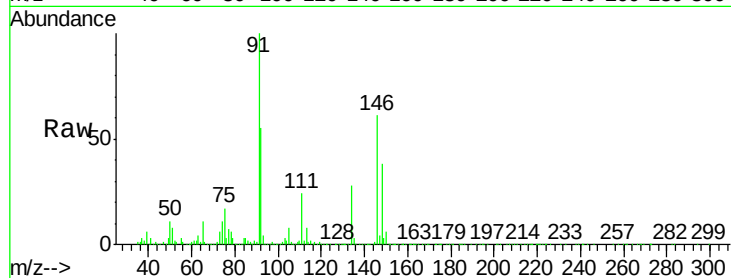
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	907403
Ion Ratio		Lower	Upper
91	100		
92	55.2	27.2	81.6
134	27.4	13.4	40.1

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#90

Hexachloroethane

Concen: 50.475 ug/l

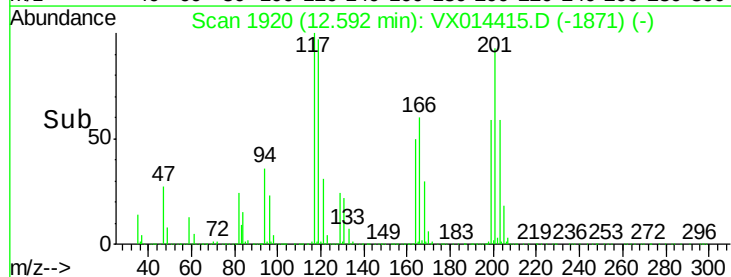
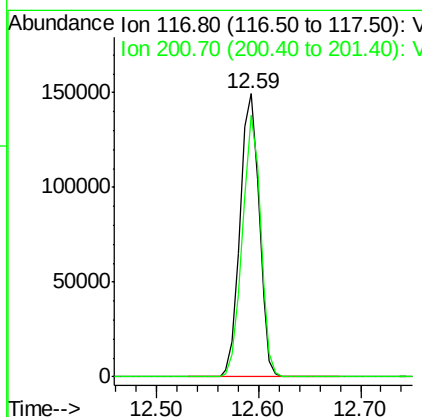
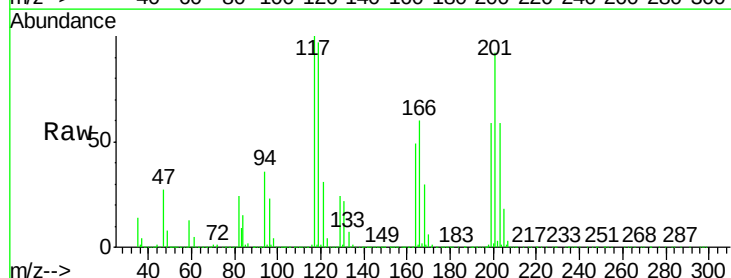
RT: 12.59 min Scan# 1920

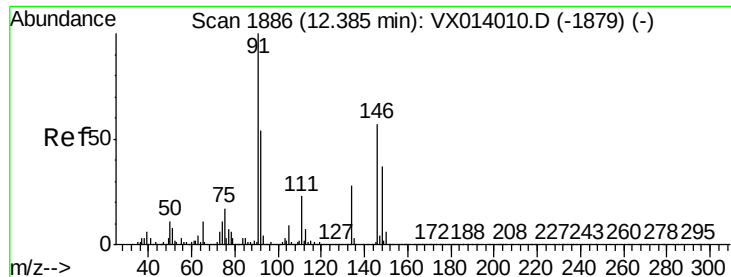
Delta R.T. 0.00 min

Lab File: VX014415.D

Acq: 03 Jan 2020 20:53

Tgt Ion:	117	Resp:	192324
Ion Ratio		Lower	Upper
117	100		
201	88.5	43.1	129.3





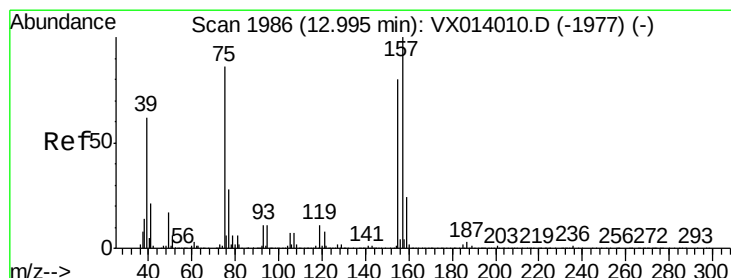
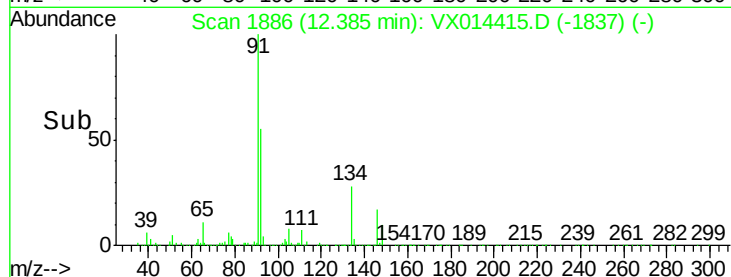
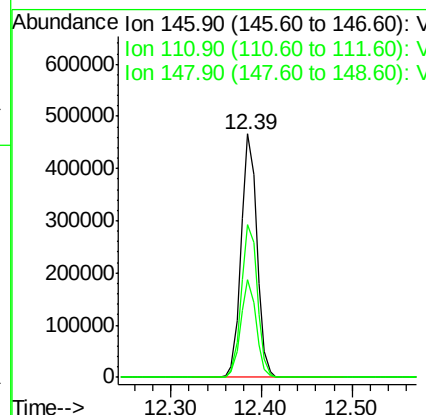
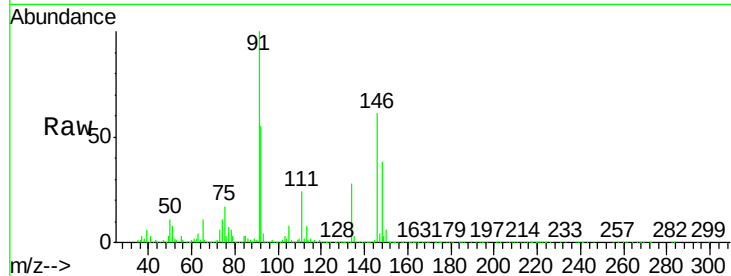
#91
 1,2-Dichlorobenzene
 Concen: 48.325 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	64.1	32.1	96.5

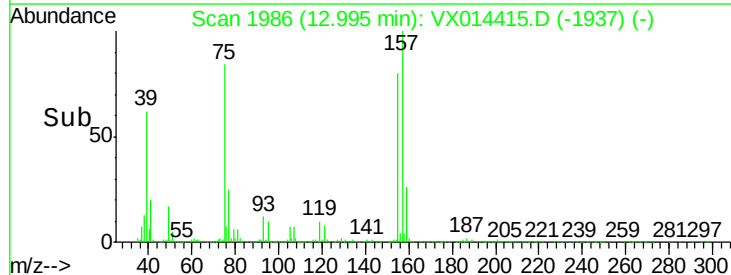
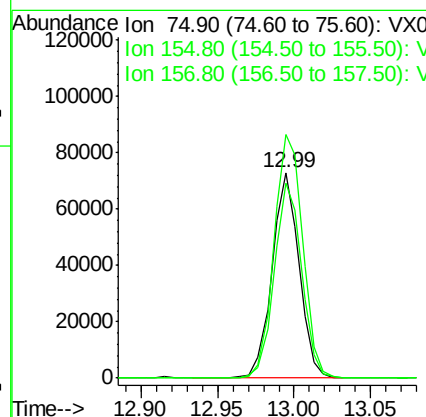
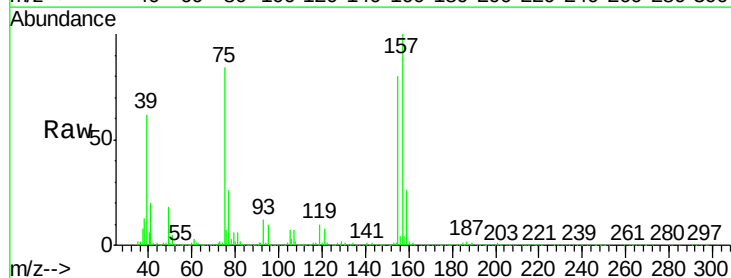
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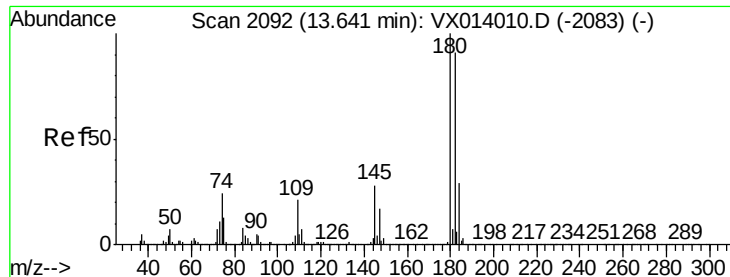
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.746 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014415.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	46.9	140.6
157	125.5	60.8	182.4





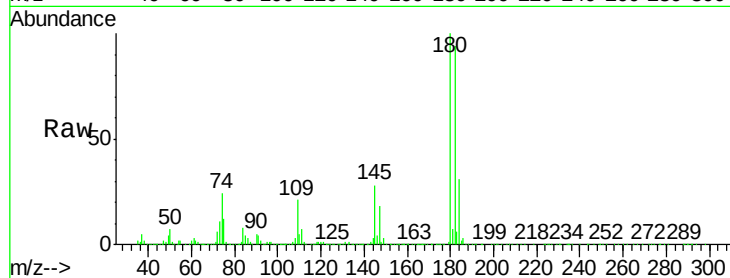
#93
1,2,4-Trichlorobenzene
Concen: 49.935 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

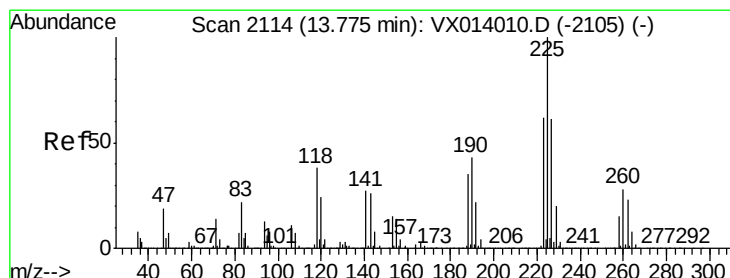
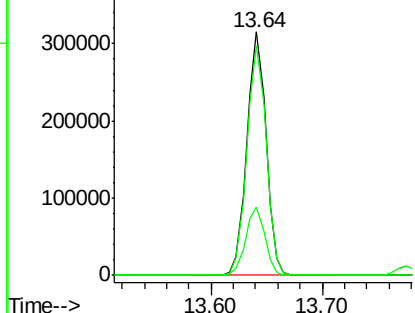
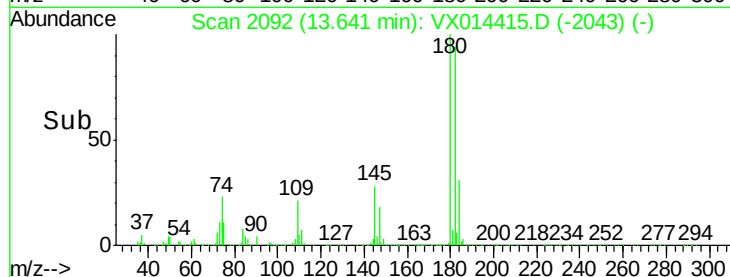
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	377877		
182	95.3	46.6	139.8	
145	28.0	14.2	42.6	

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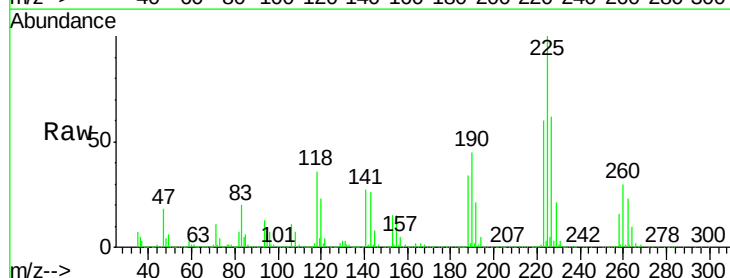


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

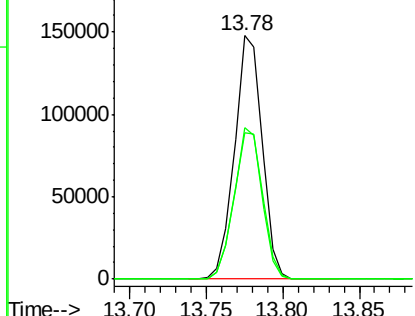
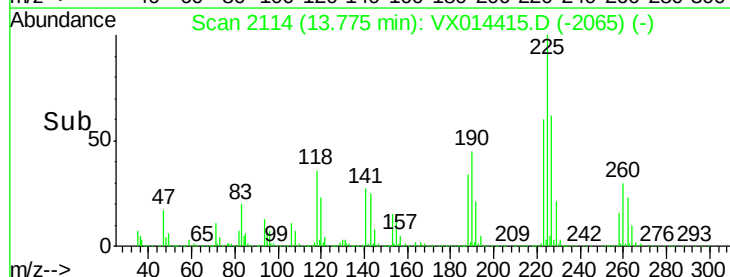


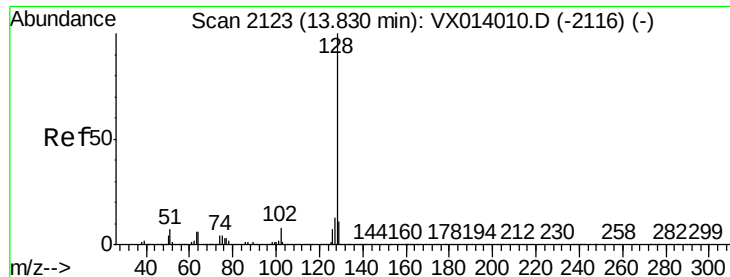
#94
Hexachlorobutadiene
Concen: 50.840 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184896		
223	62.2	30.9	92.5	
227	63.7	30.9	92.7	



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





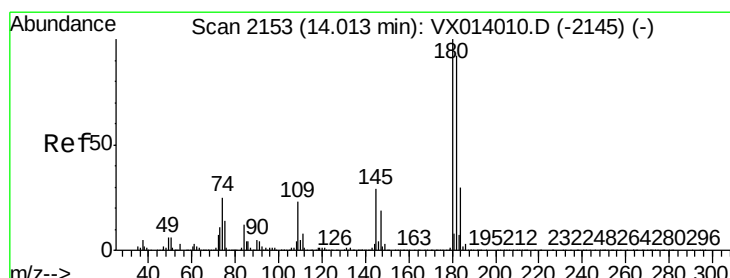
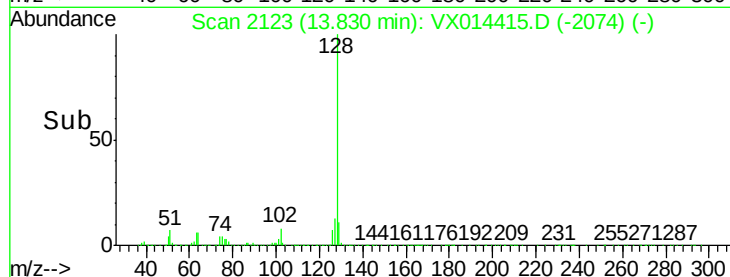
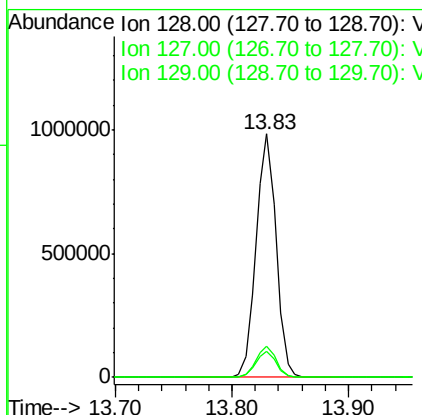
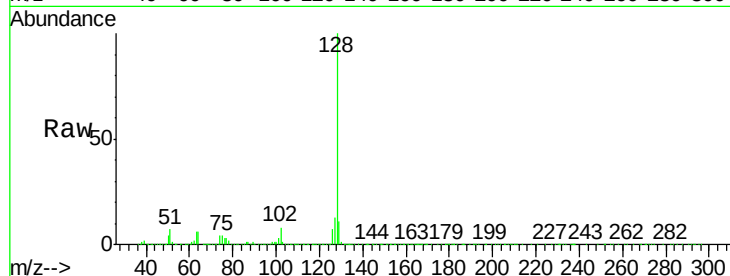
#95
Naphthalene
Concen: 53.150 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
1/6/2020 10:42:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.176 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014415.D
Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.8	140.3
145	30.0	14.8	44.4

