

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014520.D
 Acq On : 10 Jan 2020 00:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

apatel
 1/10/2020 8:35:21 AM

Quant Time: Jan 10 08:22:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	74862	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	417097	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	386141	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	160688	29.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.90%
60) 4-Bromofluorobenzene	11.13	95	185019	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	8.71	98	514668	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	66309	17.535	ug/l 98
3) Chloromethane	1.32	50	95176	17.857	ug/l 98
4) Vinyl Chloride	1.40	62	101487	18.575	ug/l 100
5) Bromomethane	1.64	94	65113	16.302	ug/l 97
6) Chloroethane	1.72	64	64887	19.226	ug/l 100
7) Trichlorofluoromethane	1.93	101	132461	19.483	ug/l 99
8) Diethyl Ether	2.18	74	61284	19.611	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78834	19.442	ug/l 98
10) 1,1-Dichloroethene	2.37	96	79226	18.899	ug/l 93
11) Methyl Iodide	2.50	142	90999	16.862	ug/l 99
12) Methyl Acetate	2.76	43	132116	20.358	ug/l 97
13) Acrolein	2.28	56	65088	82.691	ug/l 99
14) Acrylonitrile	3.13	53	251297	99.052	ug/l 99
15) Acetone	2.43	58	81870	109.850	ug/l 92
16) Carbon Disulfide	2.56	76	210287	18.517	ug/l 97
17) Allyl chloride	2.72	41	143026	18.987	ug/l 92
18) Methylene Chloride	2.85	84	92412	17.991	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	87686	19.101	ug/l 99
20) Diisopropyl ether	3.84	45	292968	18.954	ug/l 93
21) 1,1-Dichloroethane	3.69	63	158929	18.945	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	101938	19.156	ug/l 98
23) tert-Butyl Alcohol	3.02	59	106493	107.017	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	275394	19.447	ug/l 100
25) Chloroform	5.20	83	156727	19.596	ug/l 100
26) Cyclohexane	5.57	56	140093	18.728	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	116883	19.400	ug/l 100
30) 2-Butanone	4.65	43	368143	103.668	ug/l 98
31) 2,2-Dichloropropane	4.58	77	107745	19.333	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	128245	19.245	ug/l 100
33) Carbon Tetrachloride	5.78	117	108918	19.227	ug/l 99
34) Benzene	6.14	78	365584	19.460	ug/l 99
35) Methacrylonitrile	5.03	41	75901	19.873	ug/l 96
36) 1,2-Dichloroethane	6.18	62	127816	19.587	ug/l 100
37) Trichloroethene	7.21	130	108931	21.310	ug/l 98
38) Methylcyclohexane	7.46	83	137979	19.199	ug/l 98
39) 1,2-Dichloropropane	7.51	63	93499	19.163	ug/l 95
40) Dibromomethane	7.65	93	62703	20.117	ug/l 99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	117309	19.437	ug/l	100
42) Vinyl Acetate	3.81	43	668257	53.300	ug/l	98
43) Ethyl Acetate	4.82	43	134727	19.772	ug/l	98
44) Isopropyl Acetate	6.43	43	219432	19.227	ug/l	97
45) 1,4-Dioxane	7.73	88	46526	435.332	ug/l	99
46) Methyl methacrylate	7.76	41	105268	18.989	ug/l	97
47) n-amyl Acetate	10.89	43	186903	18.418	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	127777	19.398	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	143353	19.351	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	92481	19.225	ug/l	99
51) Ethyl methacrylate	9.17	69	146914	19.200	ug/l	98
52) 1,3-Dichloropropane	9.37	76	158298	19.369	ug/l	99
53) Dibromochloromethane	9.57	129	94488	19.644	ug/l	99
54) 1,2-Dibromoethane	9.67	107	98608	19.909	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	336523	99.770	ug/l	99
56) Bromoform	10.85	173	70948	18.914	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	697376	96.524	ug/l	99
59) 2-Hexanone	9.48	43	542440	98.933	ug/l	99
61) Tetrachloroethene	9.33	164	150095	29.383	ug/l	94
62) Toluene	8.78	91	396004	19.282	ug/l	99
64) Chlorobenzene	10.14	112	245784	19.102	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	90581	19.013	ug/l	100
66) Ethyl Benzene	10.25	91	430598	19.159	ug/l	99
67) m/p-Xylenes	10.35	106	327621	38.133	ug/l	99
68) o-Xylene	10.70	106	158575	18.631	ug/l	99
69) Styrene	10.71	104	264203	18.254	ug/l	99
70) Isopropylbenzene	11.01	105	420472	19.117	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	121814	15.617	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	118096m	17.010	ug/l	
73) Bromobenzene	11.25	156	109166	18.593	ug/l	99
74) n-propylbenzene	11.35	91	472468	18.939	ug/l	98
75) 2-Chlorotoluene	11.42	91	286117	18.981	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	349545	18.734	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41444	18.076	ug/l	93
78) 4-Chlorotoluene	11.51	91	325733	18.911	ug/l	98
79) tert-butylbenzene	11.76	119	295306	16.420	ug/l	92
80) 1,2,4-Trimethylbenzene	11.80	105	343954	18.436	ug/l	100
81) sec-Butylbenzene	11.94	105	399633	18.682	ug/l	99
82) p-Isopropyltoluene	12.06	119	363314	18.821	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	190009	18.567	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	189444	18.590	ug/l	99
85) n-Butylbenzene	12.38	91	304082	18.735	ug/l	100
86) Hexachloroethane	12.59	117	62284	17.786	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	192151	18.486	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29790	19.162	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	127280	19.159	ug/l	98
90) Hexachlorobutadiene	13.77	225	62914	19.923	ug/l	99
91) Naphthalene	13.83	128	395087	19.786	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	133320	19.785	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

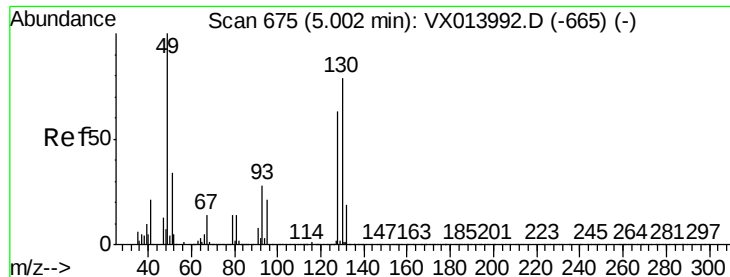
Manual Integrations
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QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

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



#1

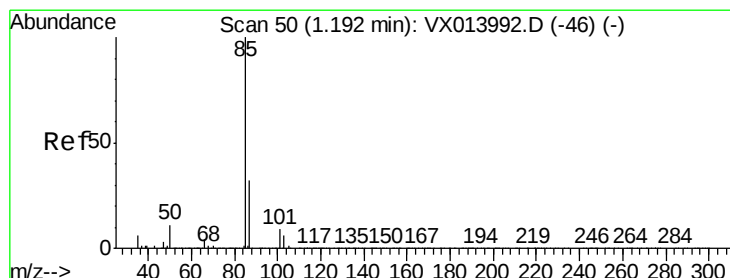
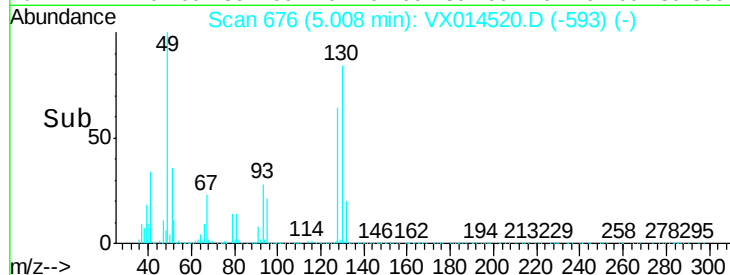
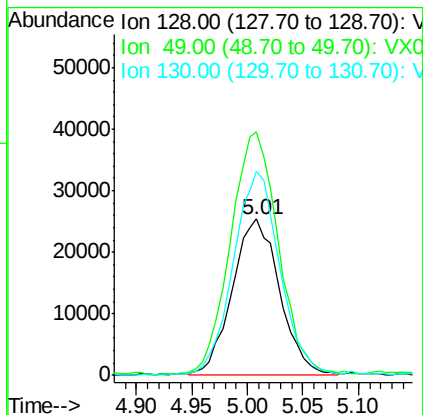
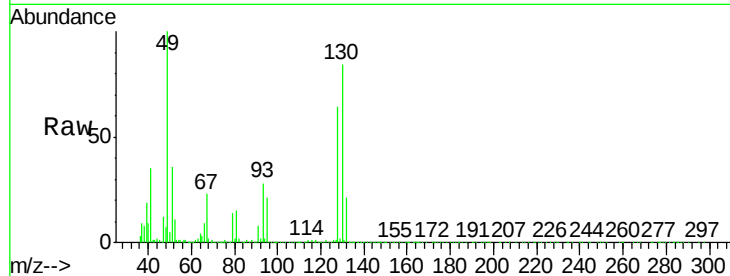
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.8	0.0	405.0
130	128.1	0.0	321.5

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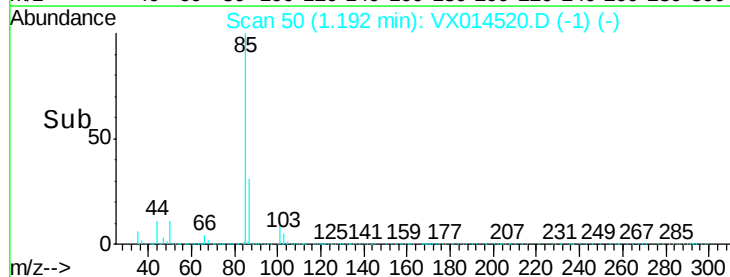
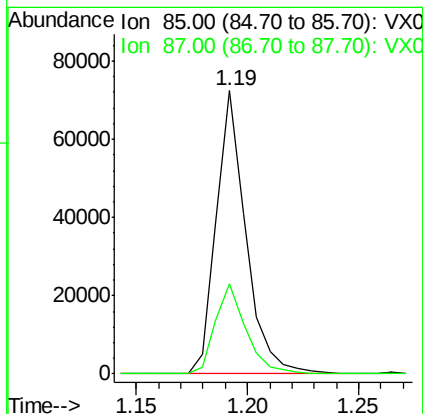
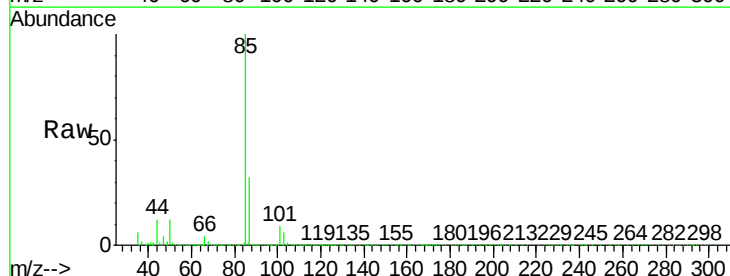
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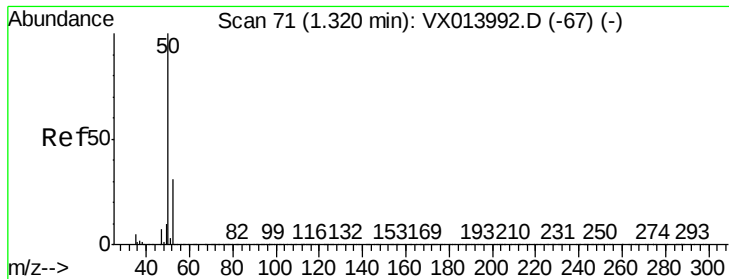


#2

Dichlorodifluoromethane
 Concen: 17.535 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.3	48.9





#3

Chloromethane

Concen: 17.857 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 95176

Ion Ratio Lower Upper

50 100

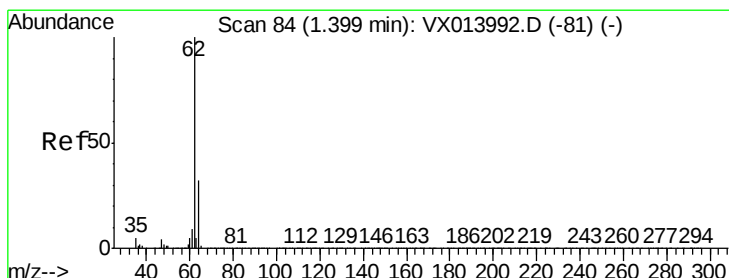
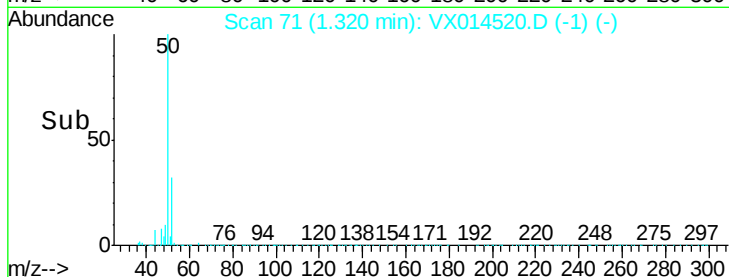
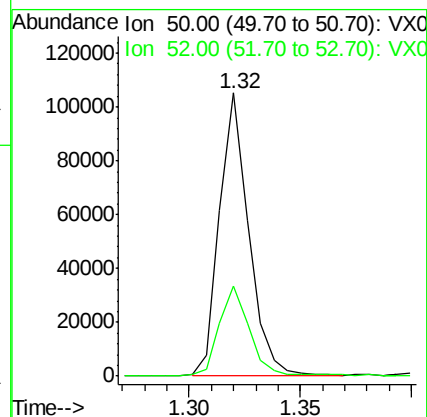
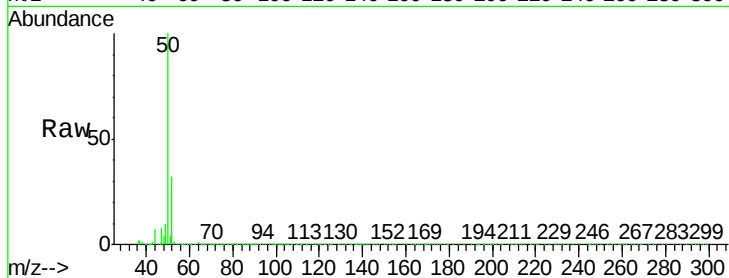
52 31.7 24.3 36.5

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#4

Vinyl Chloride

Concen: 18.575 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014520.D

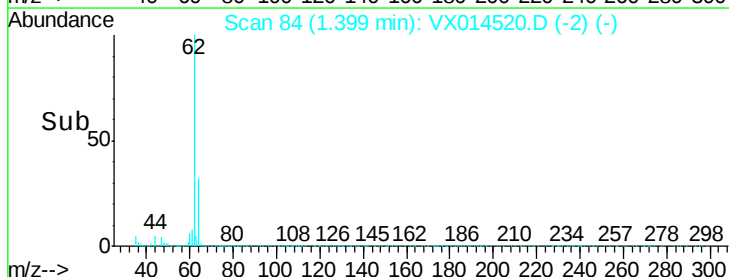
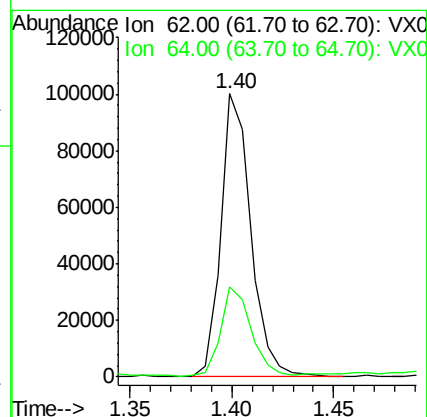
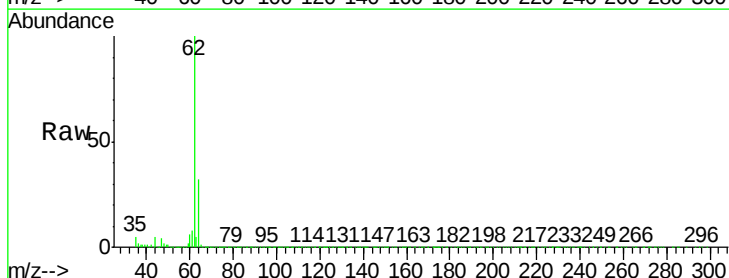
Acq: 10 Jan 2020 00:21

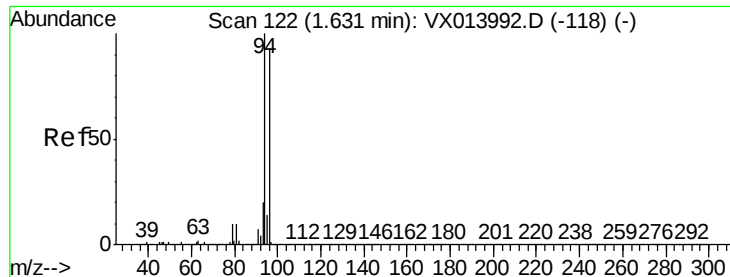
Tgt Ion: 62 Resp: 101487

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 16.302 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 65113

Ion Ratio Lower Upper

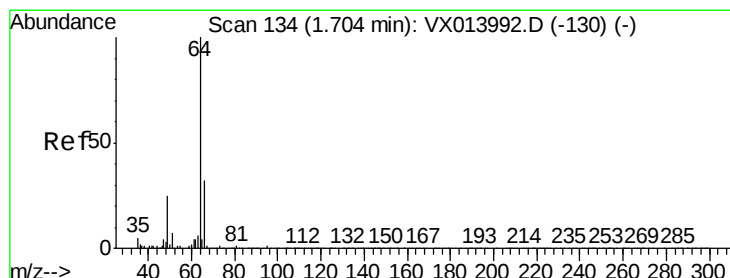
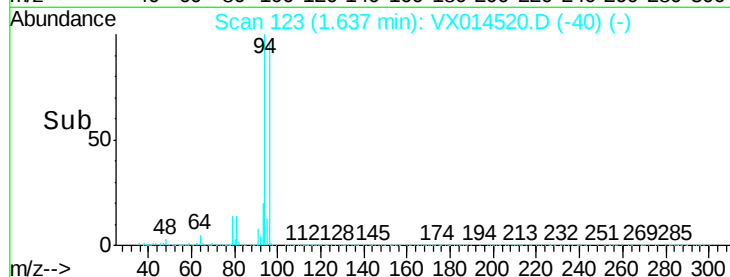
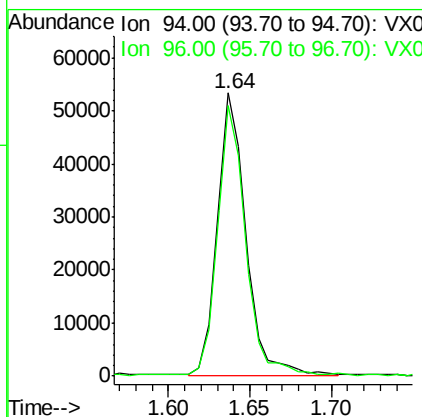
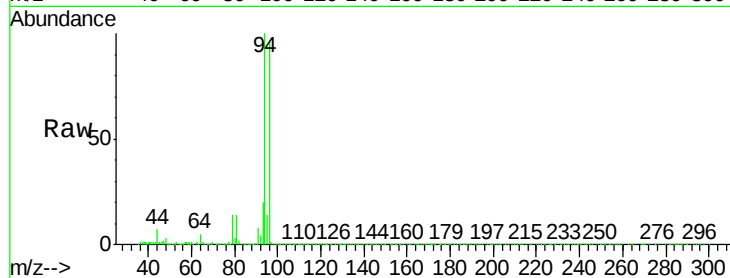
94 100

96 95.6 74.4 111.6

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#6

Chloroethane

Concen: 19.226 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014520.D

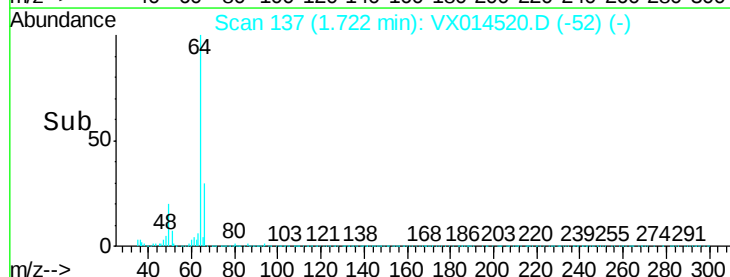
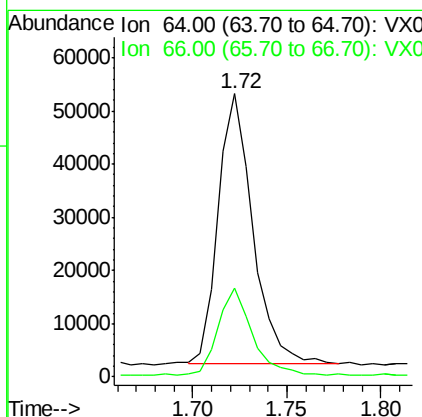
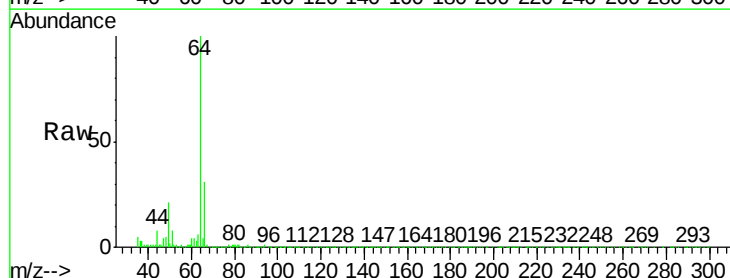
Acq: 10 Jan 2020 00:21

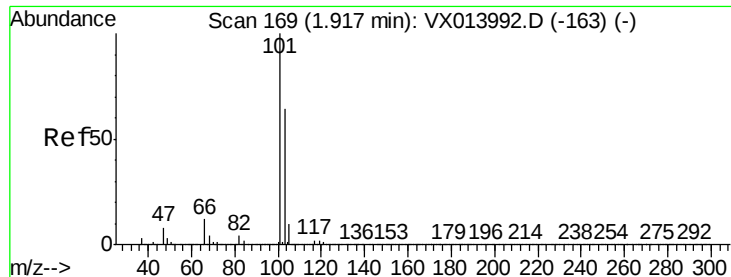
Tgt Ion: 64 Resp: 64887

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8





#7

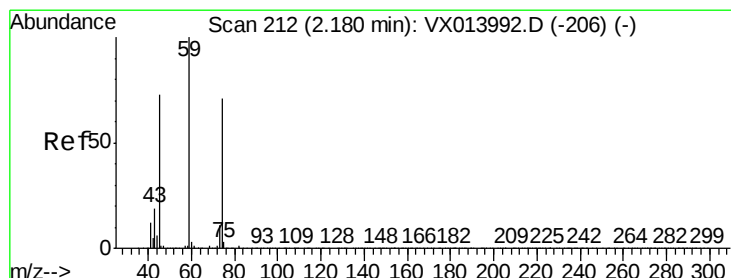
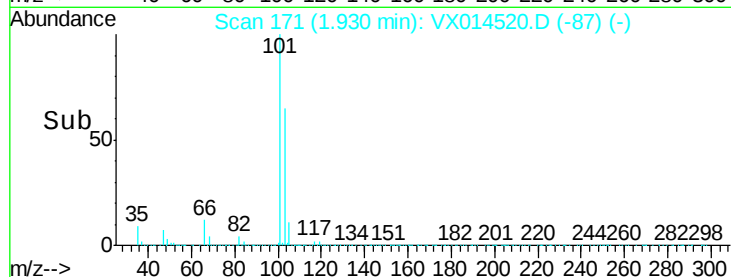
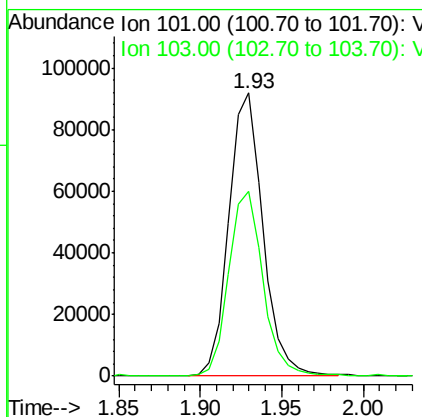
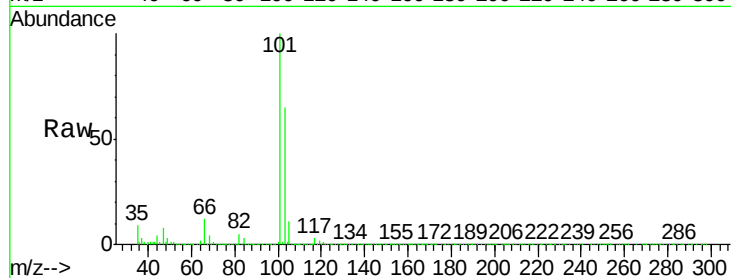
Trichlorofluoromethane
Concen: 19.483 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.6	77.4

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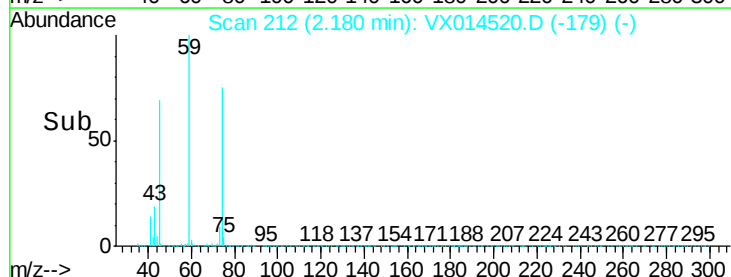
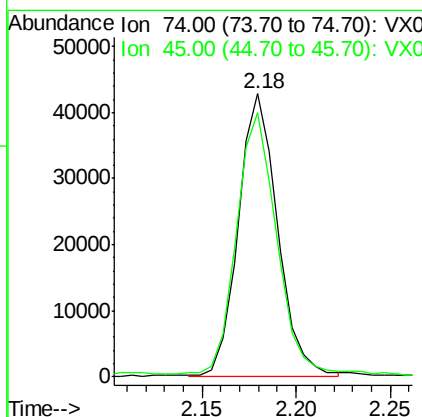
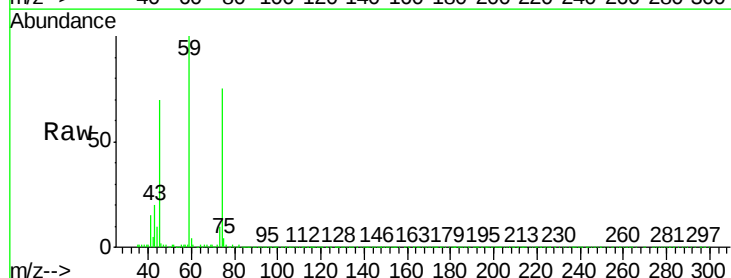
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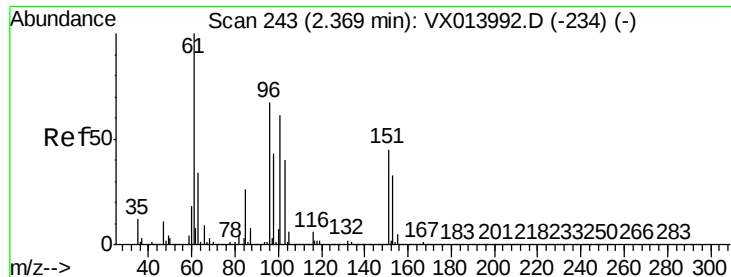


#8

Diethyl Ether
Concen: 19.611 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.442 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

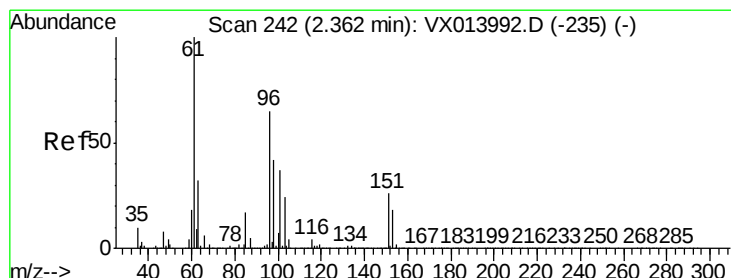
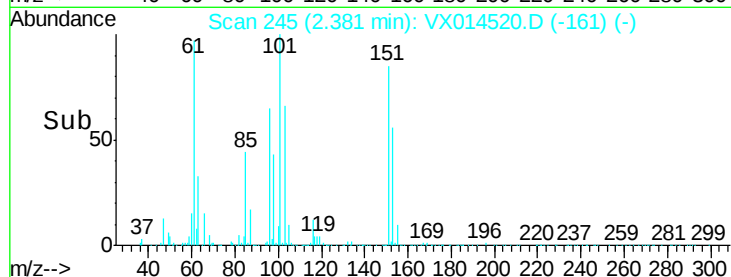
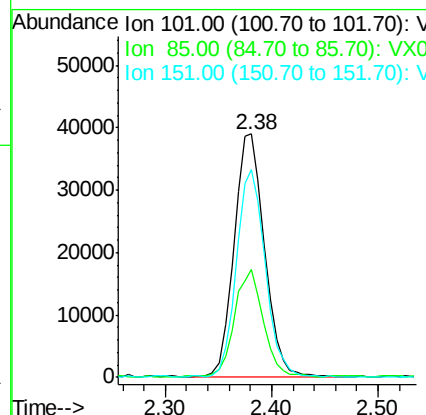
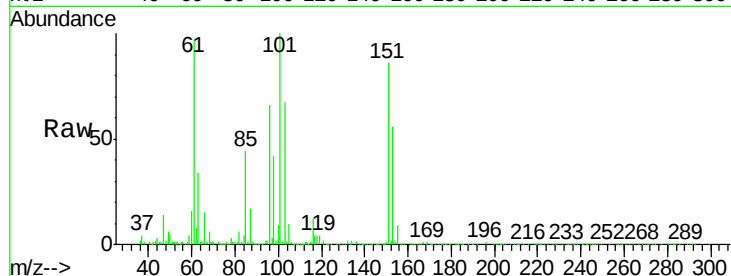
ClientSampled :

VSTDCCC020EC

Tot Ion:	101	Resp:	78834
Ion Ratio	Lower	Upper	
101	100		
85	40.7	0.0	85.6
151	80.5	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.899 ug/l

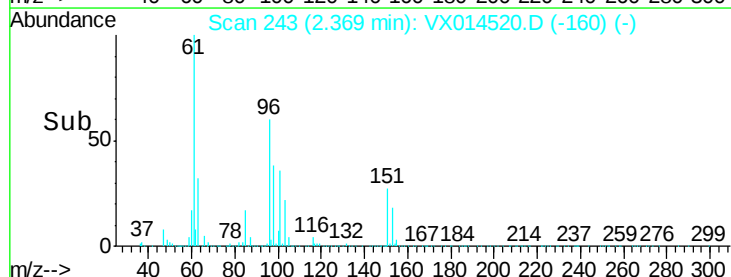
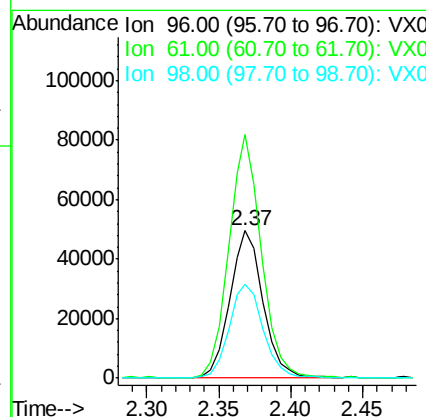
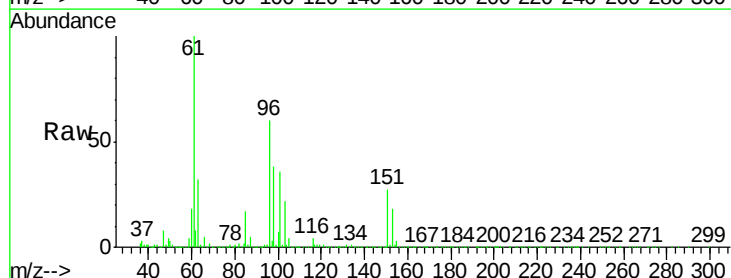
RT: 2.37 min Scan# 243

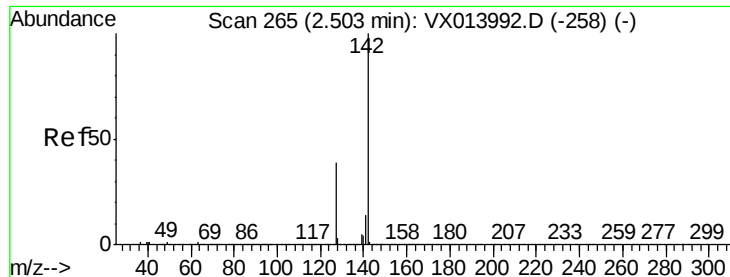
Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	96	Resp:	79226
Ion Ratio	Lower	Upper	
96	100		
61	165.8	123.0	184.6
98	63.5	51.4	77.0





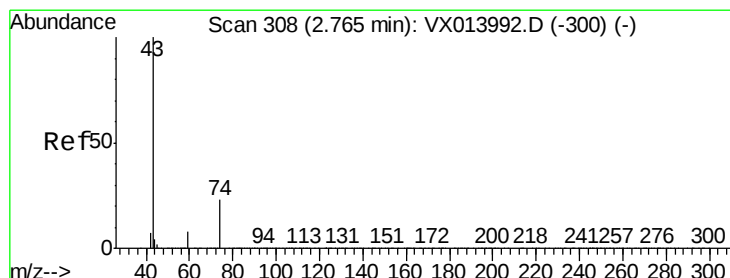
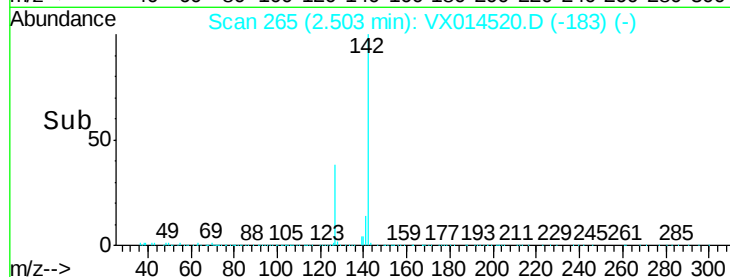
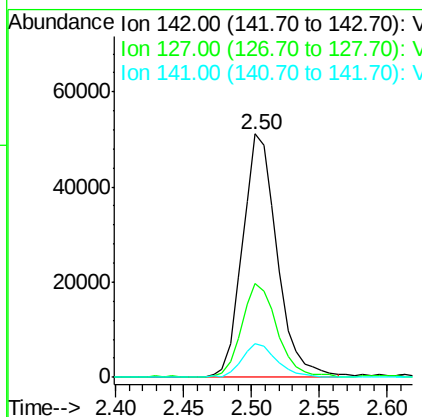
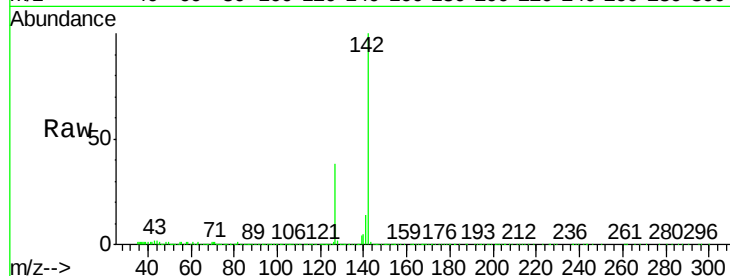
#11
Methvl Iodide
Concen: 16.862 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.2	19.5	58.5
141	13.6	7.0	20.9

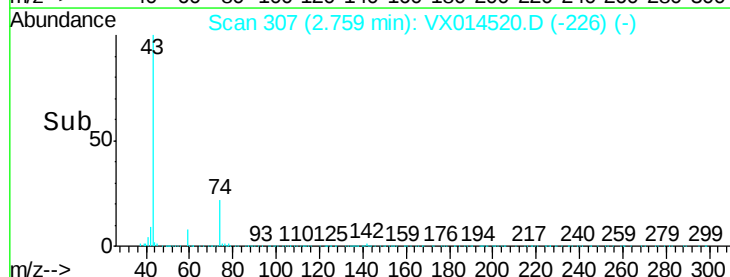
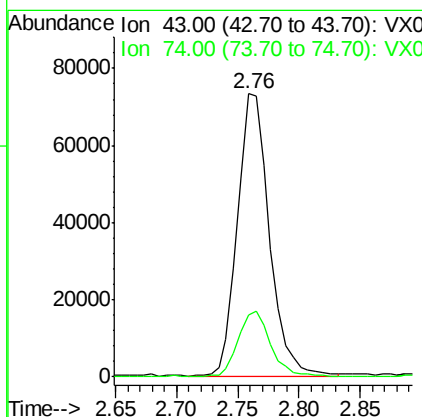
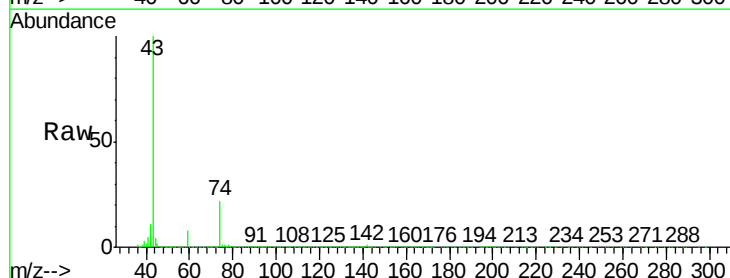
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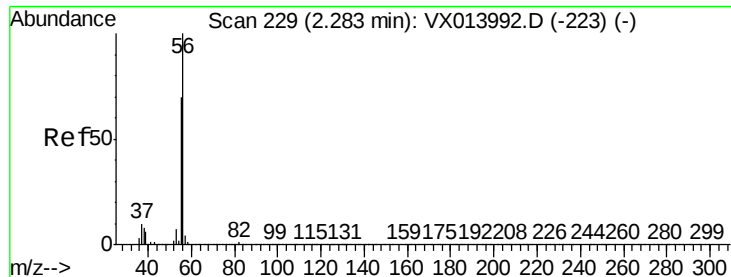
apatel
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#12
Methyl Acetate
Concen: 20.358 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.5	27.7





#13

Acrolein

Concen: 82.691 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 65088

Ion Ratio Lower Upper

56 100

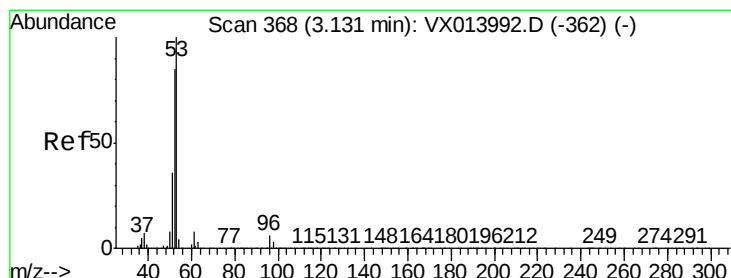
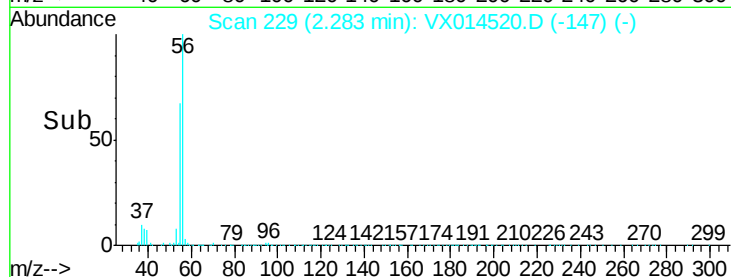
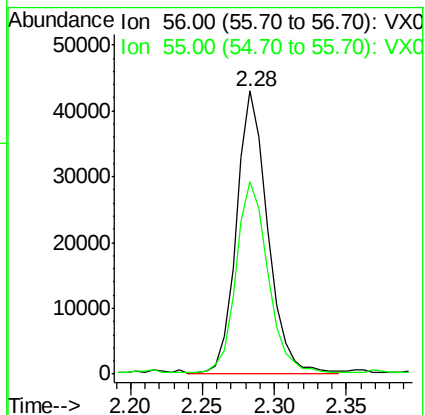
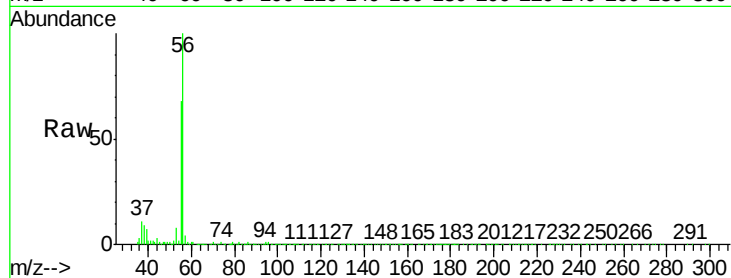
55 68.2 54.9 82.3

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#14

Acrylonitrile

Concen: 99.052 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

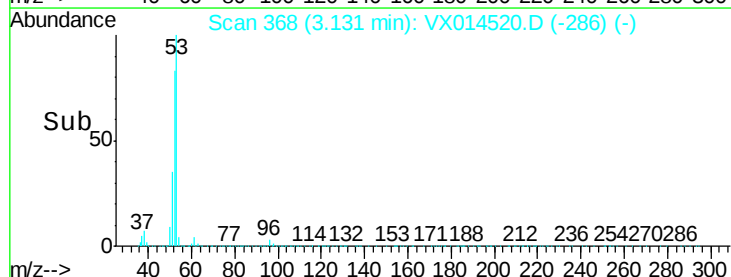
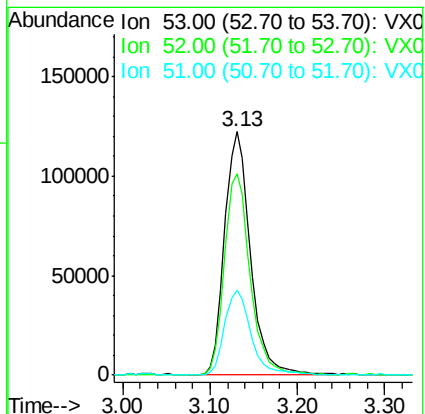
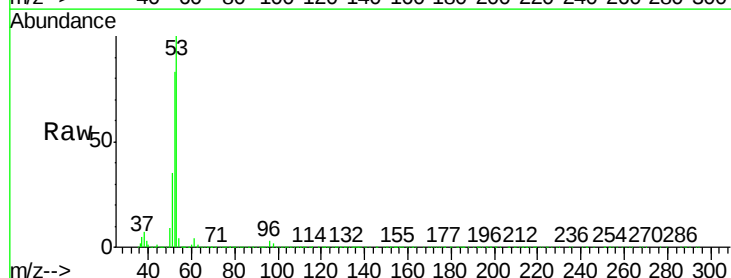
Tgt Ion: 53 Resp: 251297

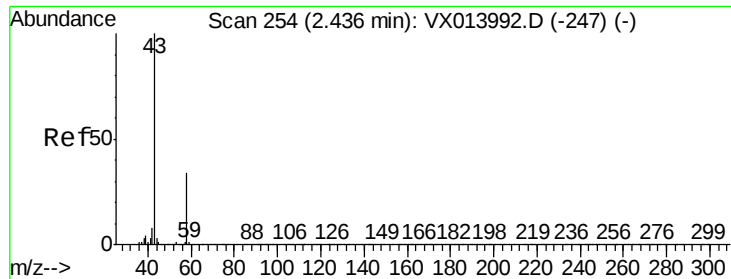
Ion Ratio Lower Upper

53 100

52 81.5 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 109.850 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 81870

Ion Ratio Lower Upper

58 100

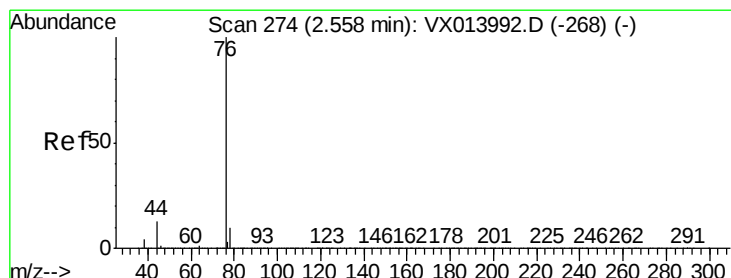
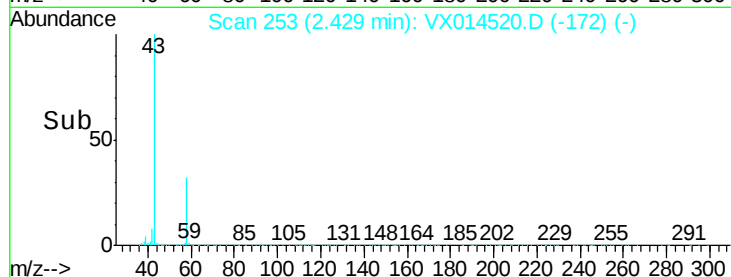
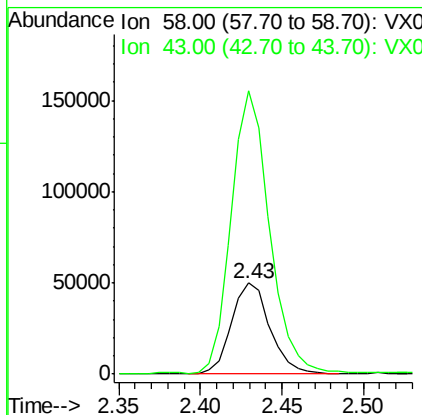
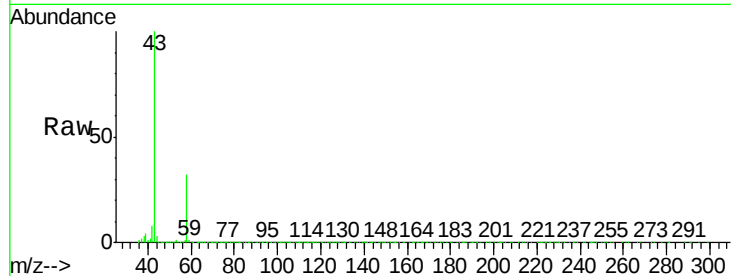
43 311.7 236.3 354.5

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#16

Carbon Disulfide

Concen: 18.517 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014520.D

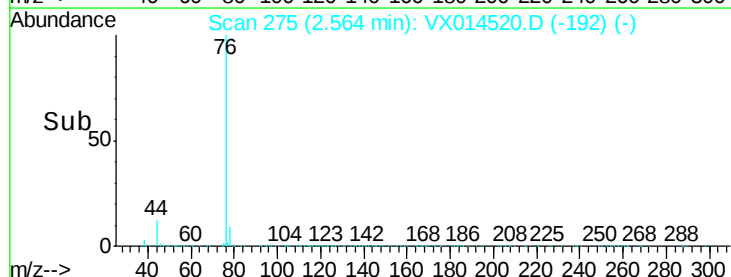
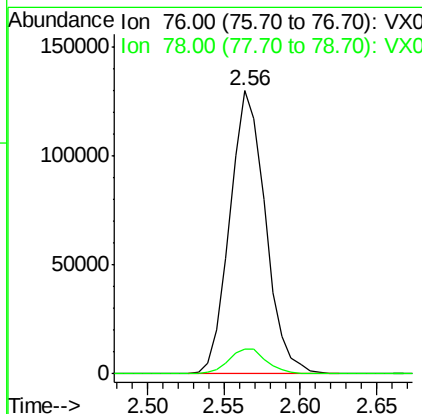
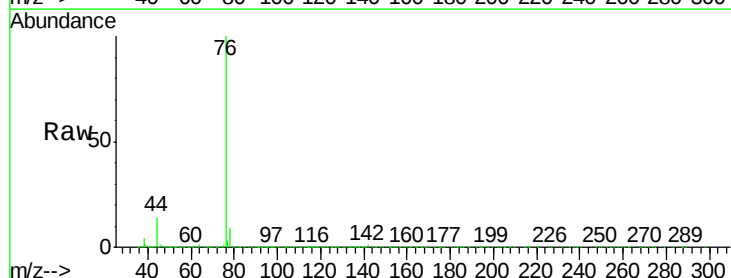
Acq: 10 Jan 2020 00:21

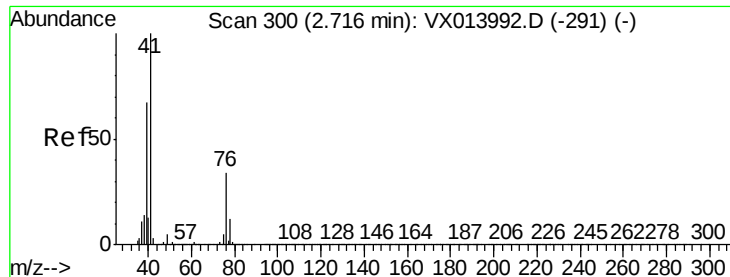
Tgt Ion: 76 Resp: 210287

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8





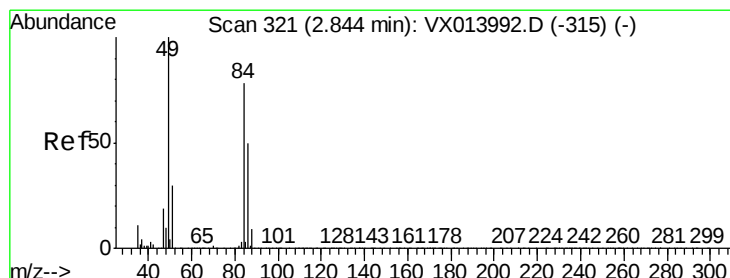
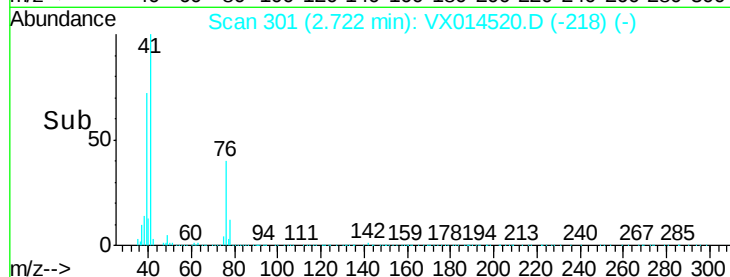
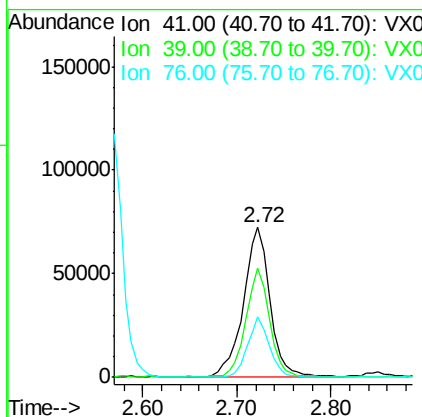
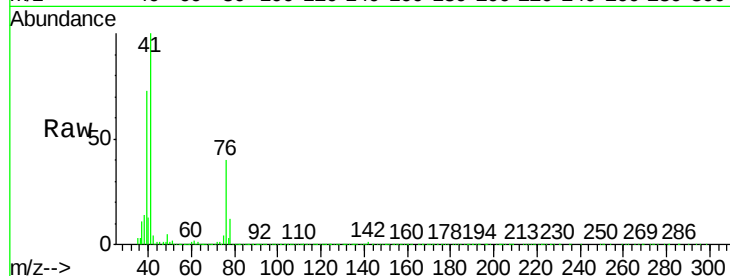
#17
Allvl chloride
Concen: 18.987 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.1	33.4	100.2
76	39.8	17.0	50.9

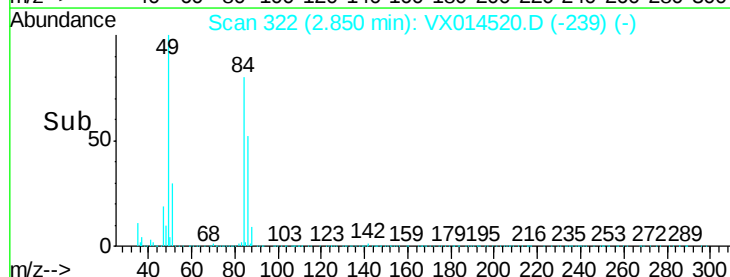
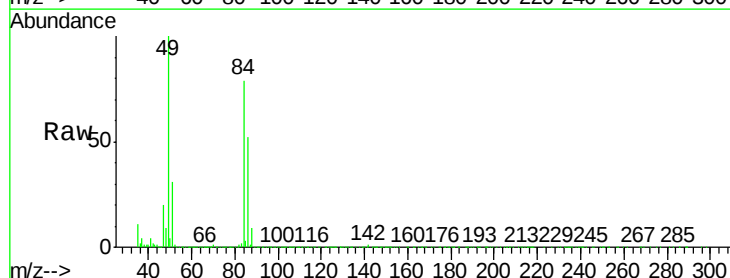
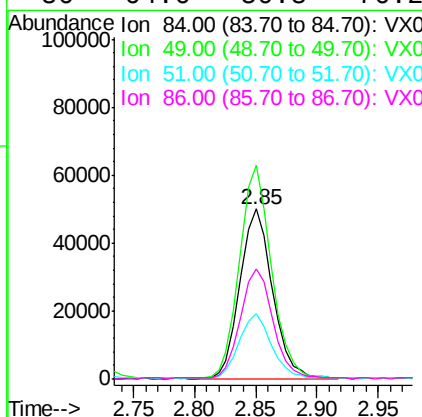
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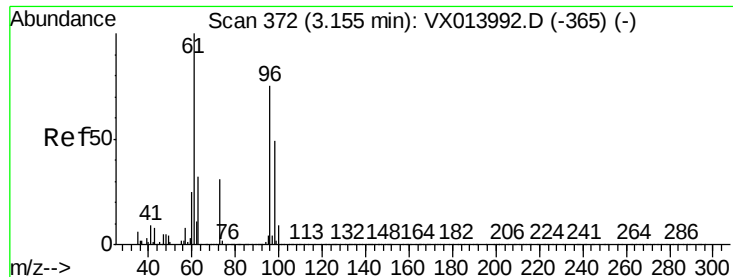
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#18
Methylene Chloride
Concen: 17.991 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	102.2	153.2
51	37.6	31.4	47.0
86	64.6	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.101 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

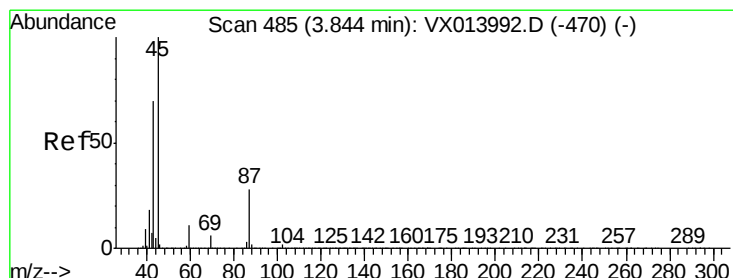
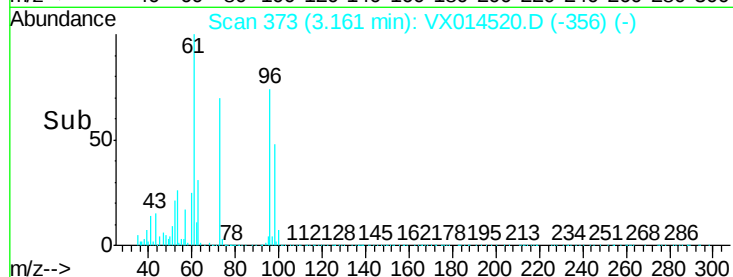
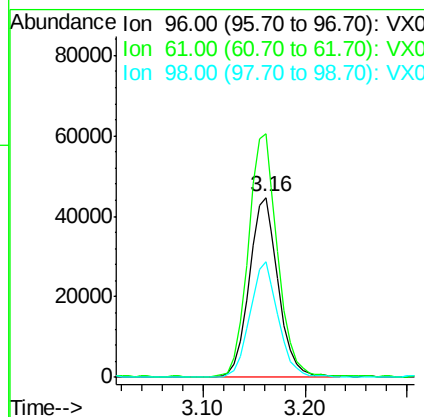
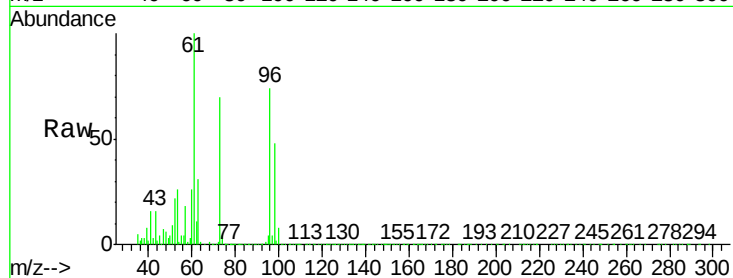
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	87686
Ion	Ratio	Lower	Upper
96	100		
61	135.4	106.6	159.8
98	64.5	51.6	77.4

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#20

Diisopropyl ether

Concen: 18.954 ug/l

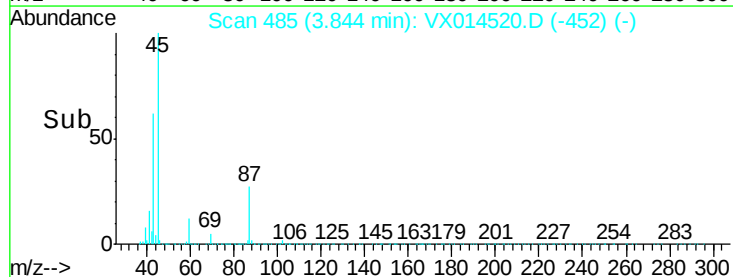
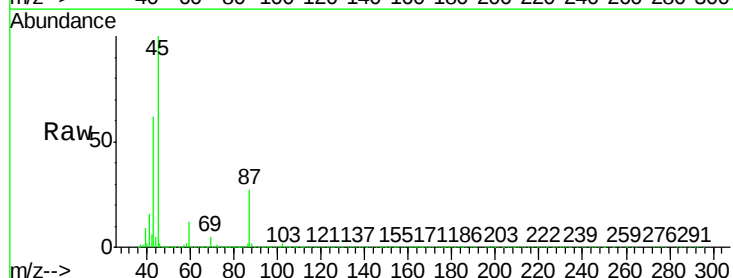
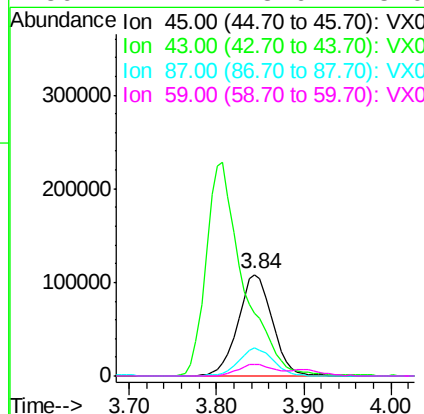
RT: 3.84 min Scan# 485

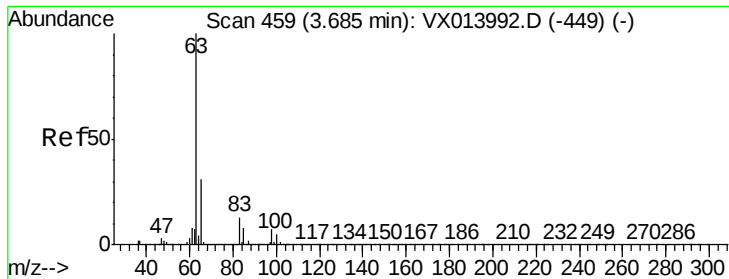
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	45	Resp:	292968
Ion	Ratio	Lower	Upper
45	100		
43	61.5	55.9	83.9
87	27.2	22.2	33.2
59	11.7	8.6	13.0





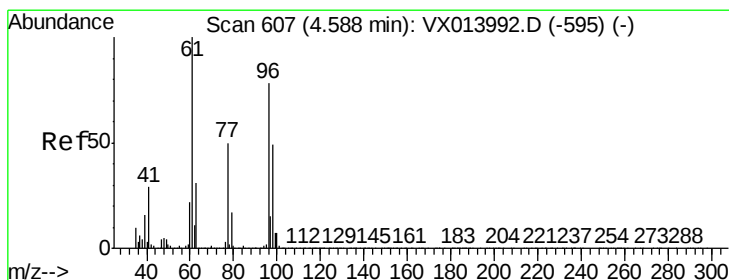
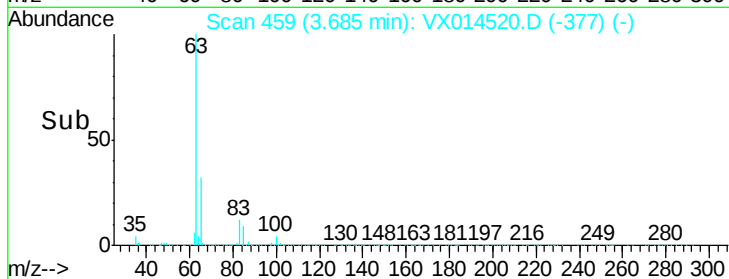
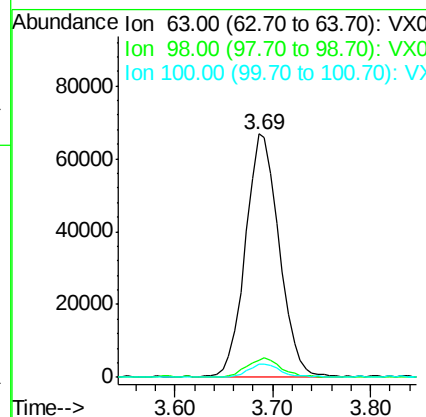
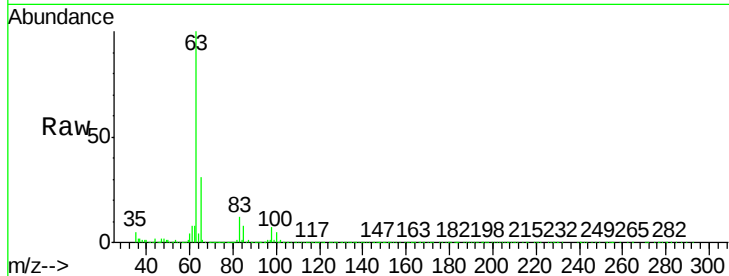
#21
1,1-Dichloroethane
Concen: 18.945 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	5.0	2.5	7.4

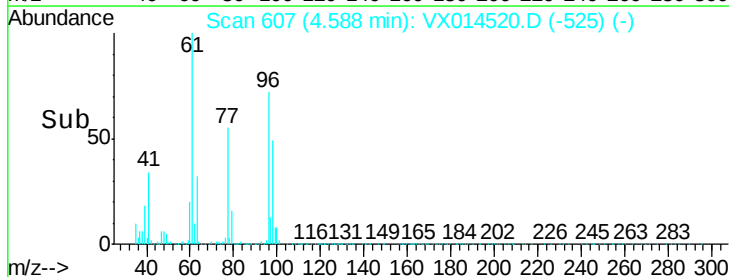
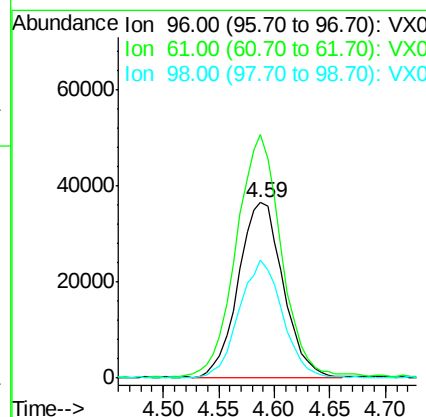
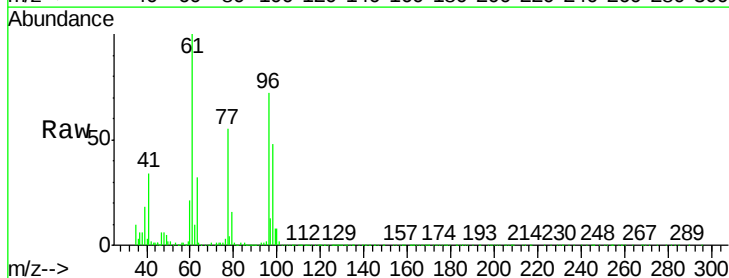
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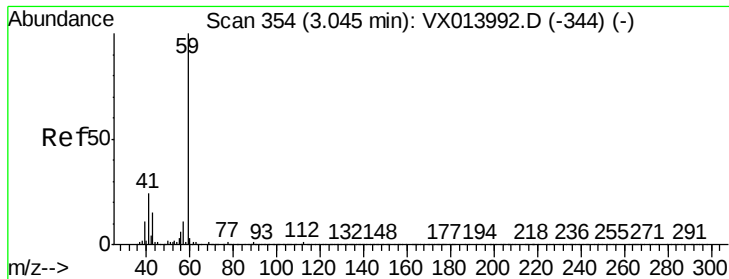
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#22
cis-1,2-Dichloroethene
Concen: 19.156 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.4	168.6
98	65.5	50.3	75.5





#23

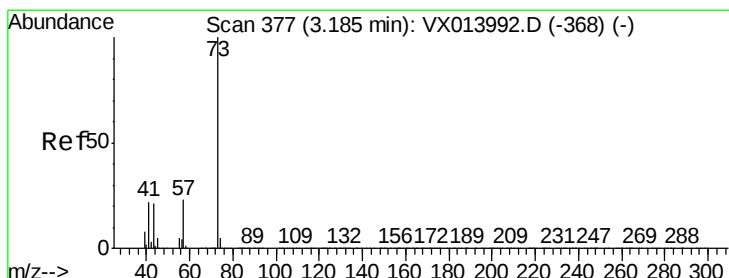
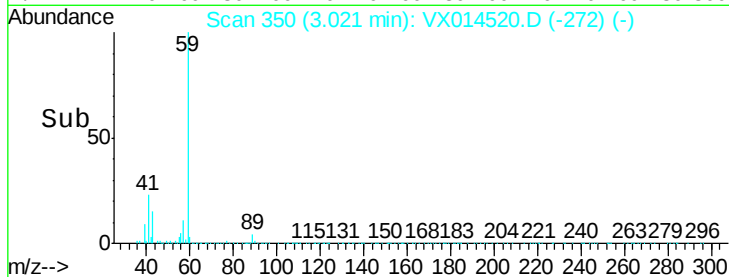
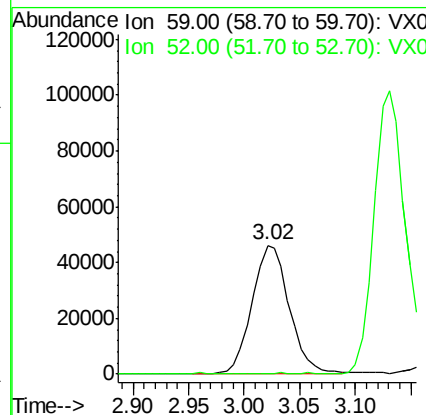
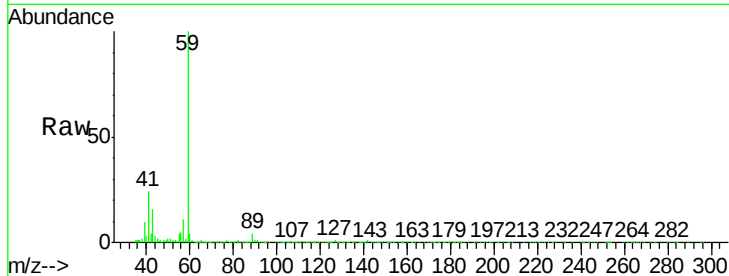
tert-Butyl Alcohol
Concen: 107.017 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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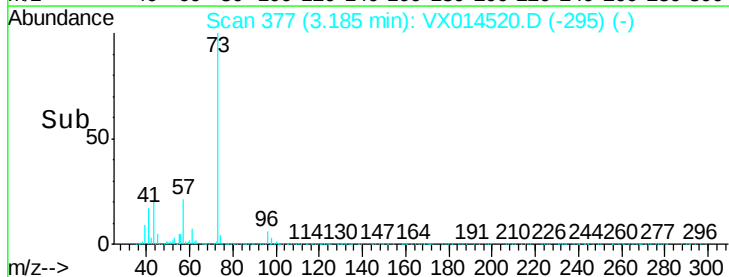
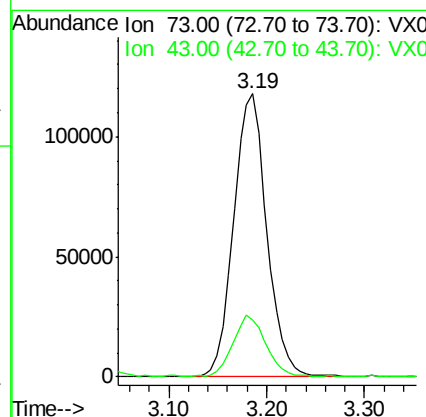
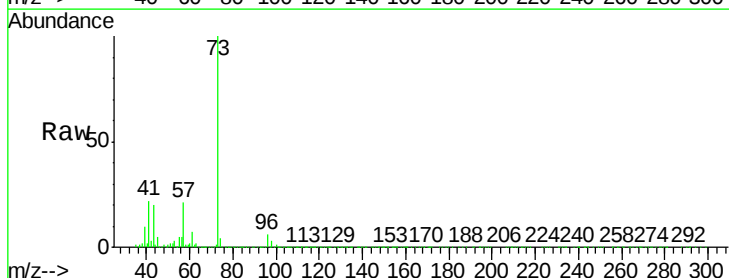
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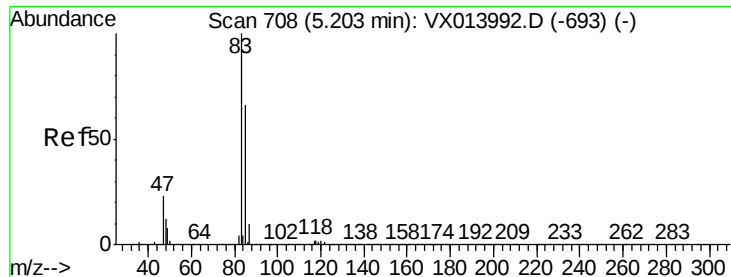


#24

Methyl tert-Butyl Ether
Concen: 19.447 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.6	25.0





#25

Chloroform

Concen: 19.596 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 156727

Ion Ratio Lower Upper

83 100

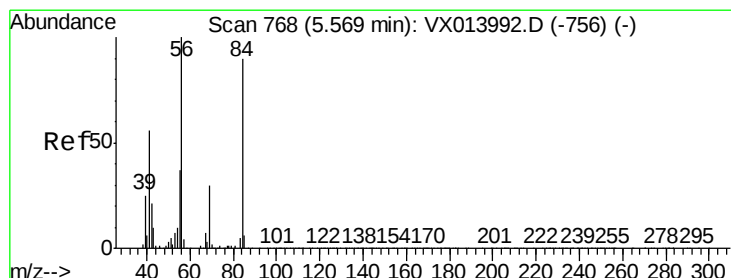
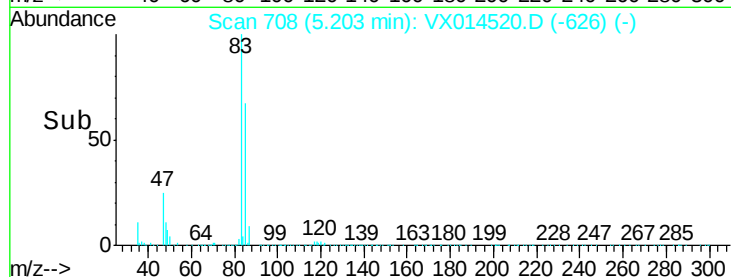
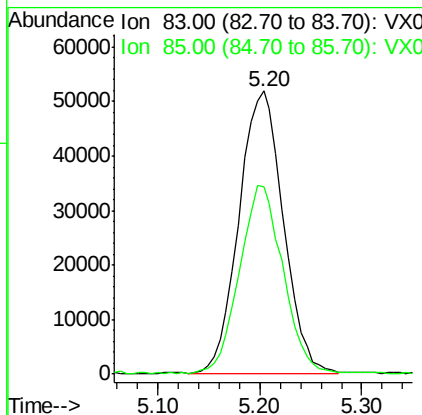
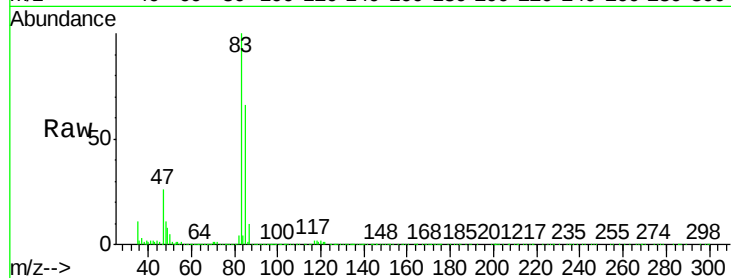
85 66.2 52.7 79.1

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#26

Cyclohexane

Concen: 18.728 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

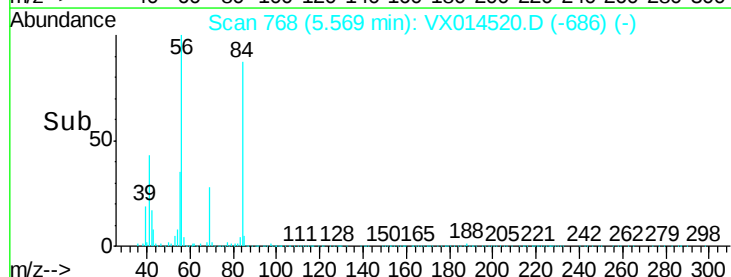
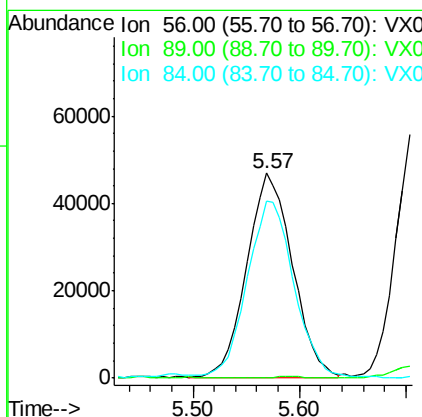
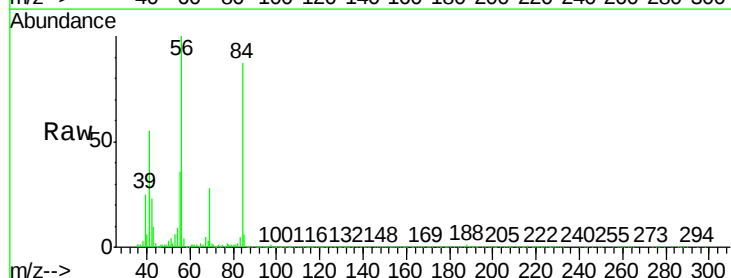
Tgt Ion: 56 Resp: 140093

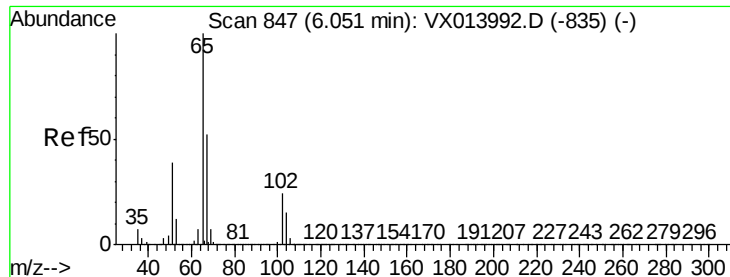
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 88.3 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.971 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 160688

Ion Ratio Lower Upper

65 100

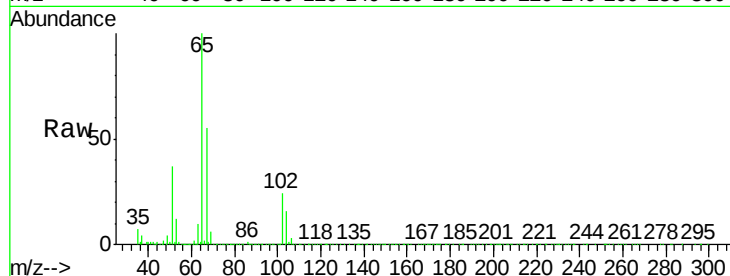
67 52.5 43.1 64.7

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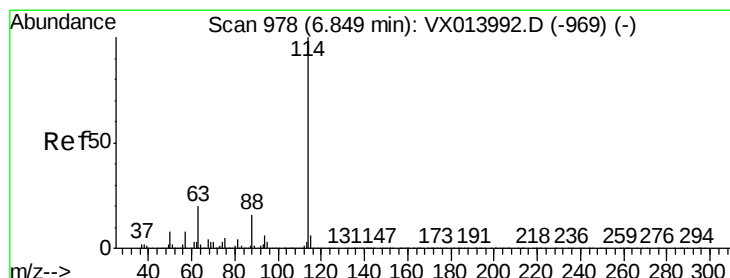
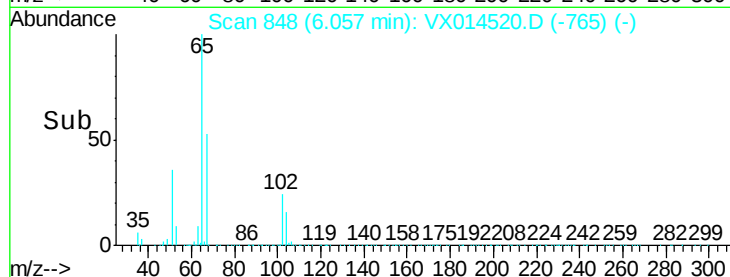
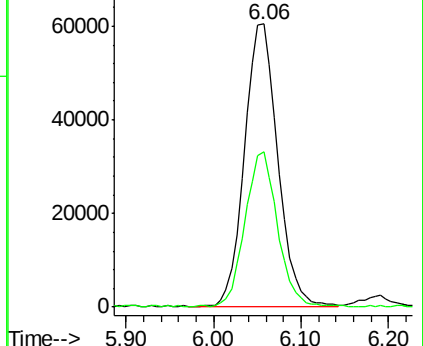
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

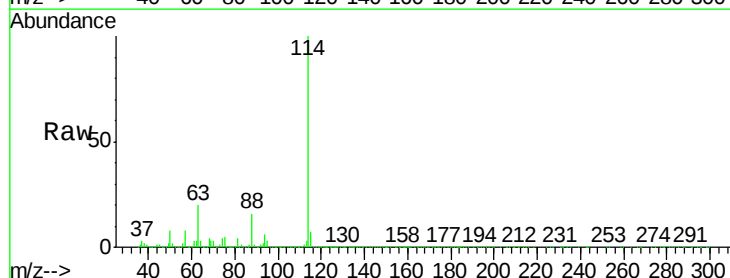
Tgt Ion: 114 Resp: 417097

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

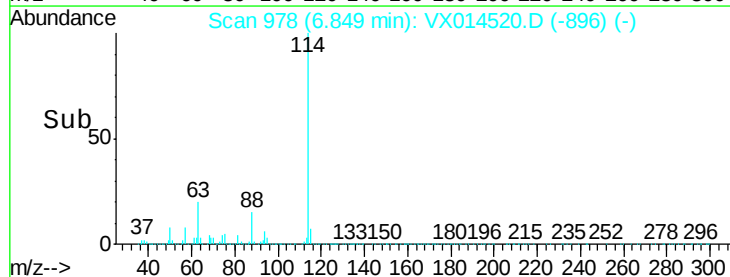
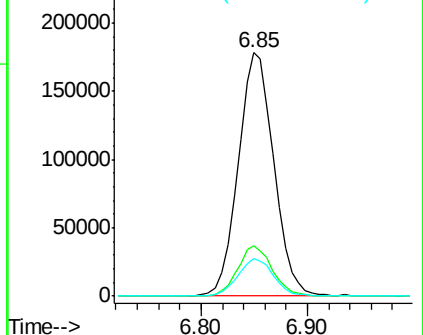
88 15.5 12.5 18.7

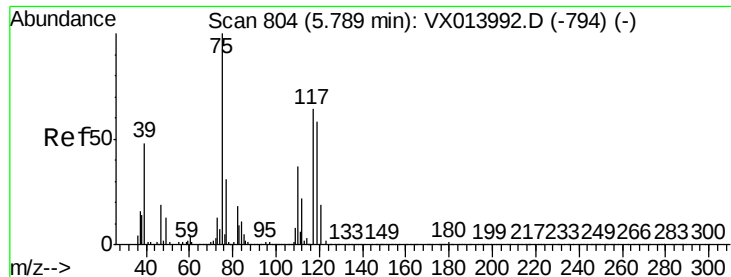


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





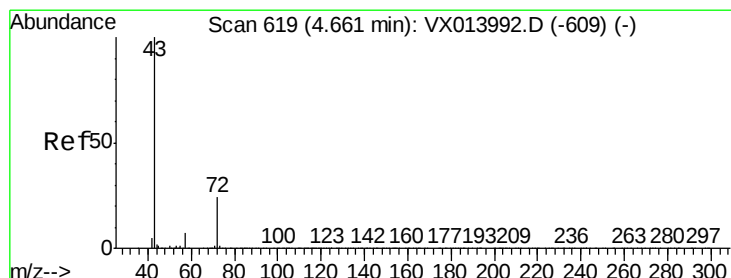
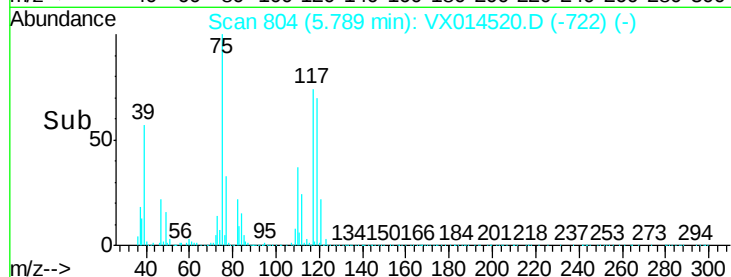
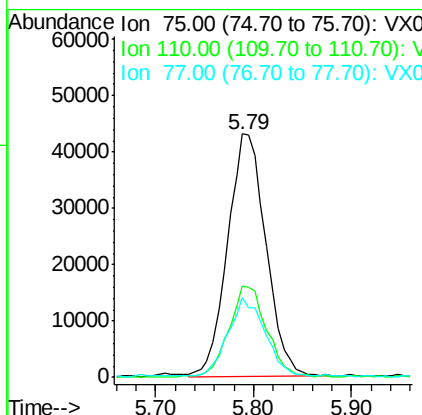
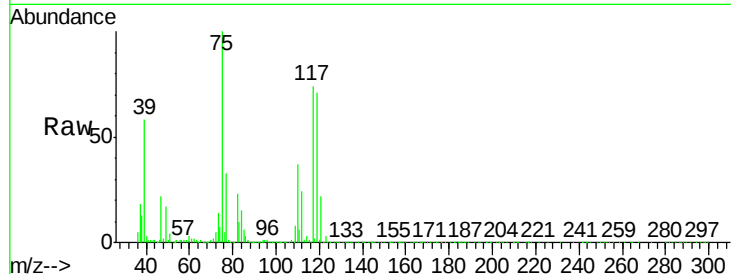
#29
 1,1-Dichloropropene
 Concen: 19.400 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.0	0.0	73.8
77	31.4	0.0	62.4

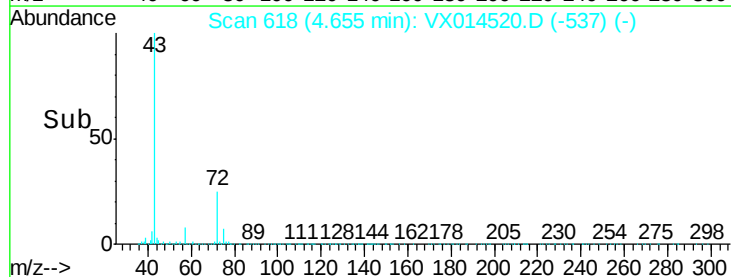
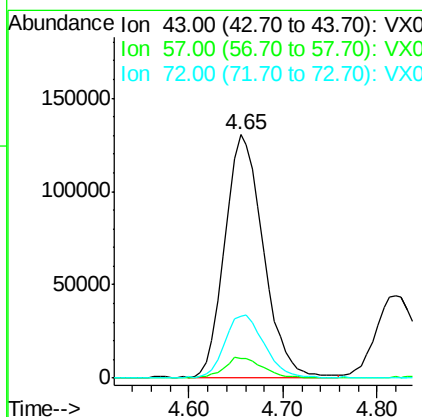
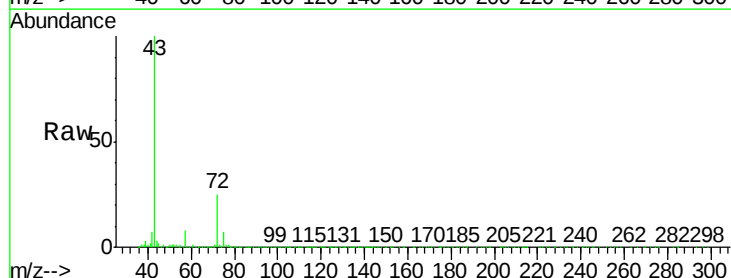
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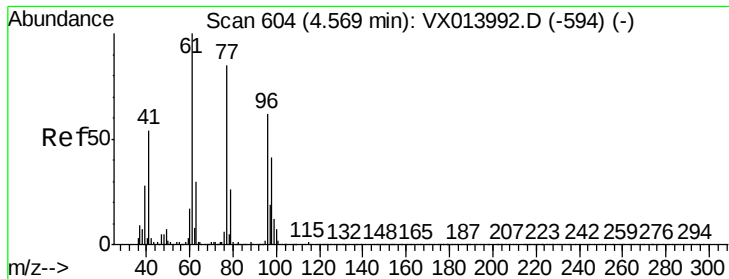
apatel
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#30
 2-Butanone
 Concen: 103.668 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.2	9.2
72	26.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.333 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 107745

Ion Ratio Lower Upper

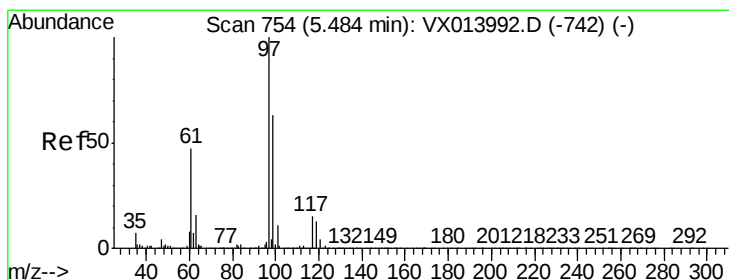
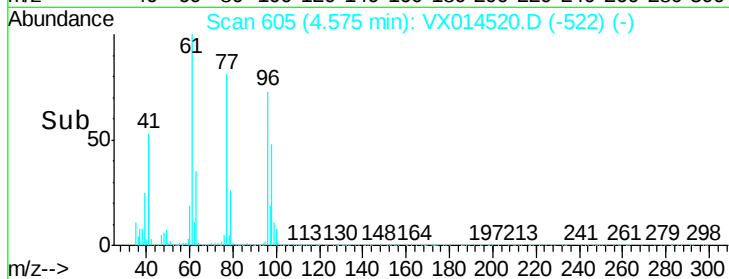
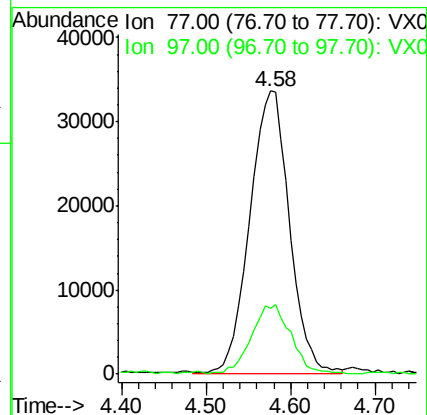
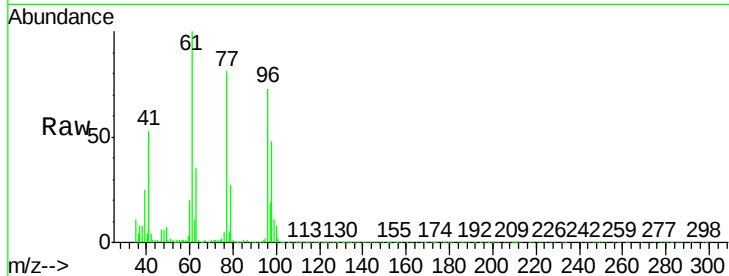
77 100

97 24.5 19.7 29.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.245 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

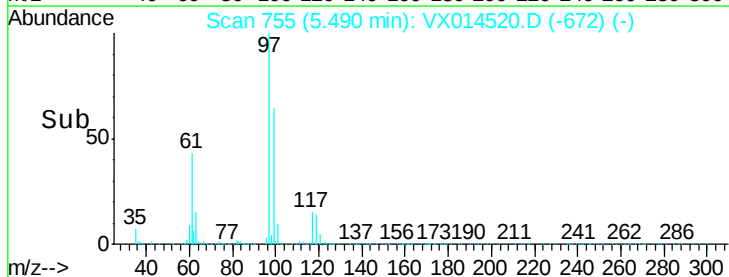
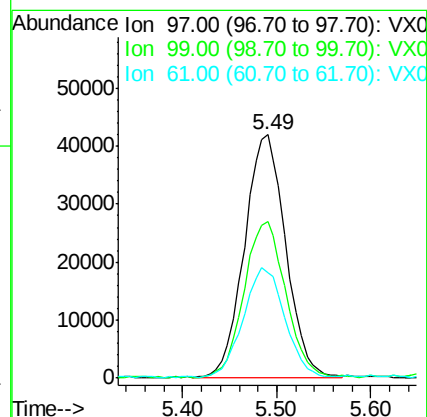
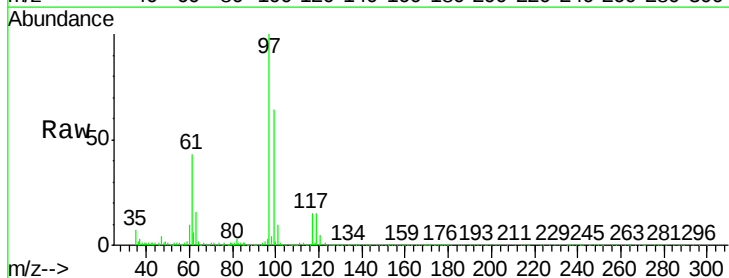
Tgt Ion: 97 Resp: 128245

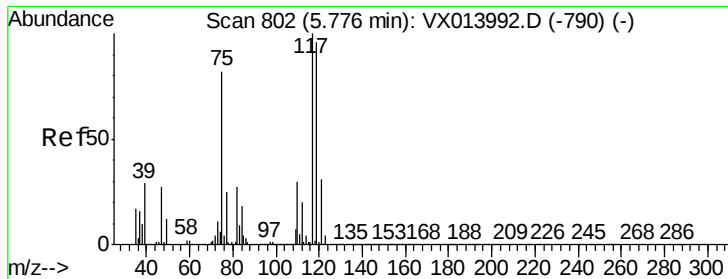
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 45.4 36.8 55.2





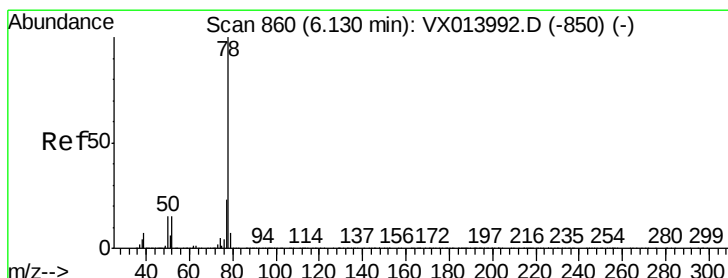
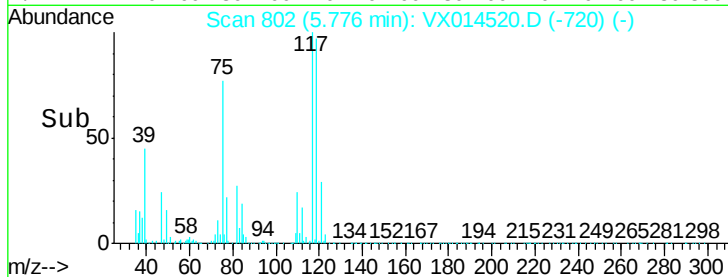
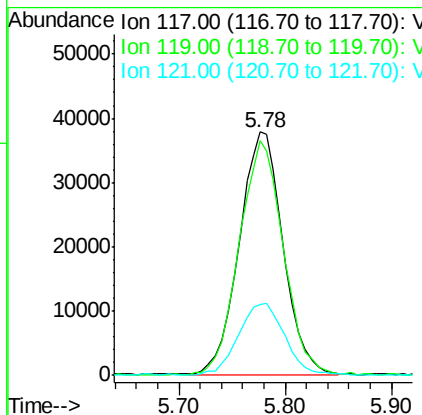
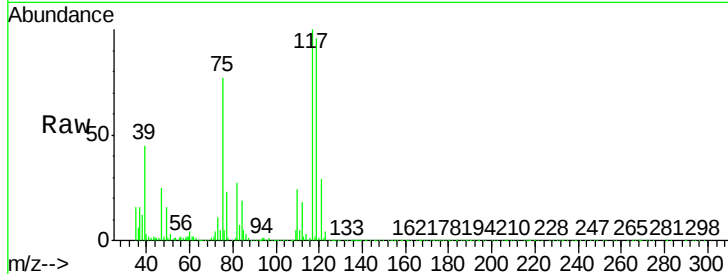
#33
Carbon Tetrachloride
Concen: 19.227 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.2	115.8
121	29.1	24.8	37.2

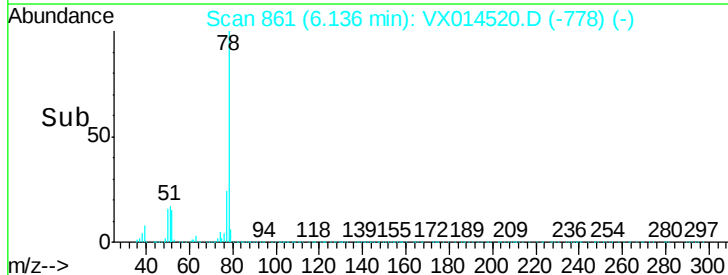
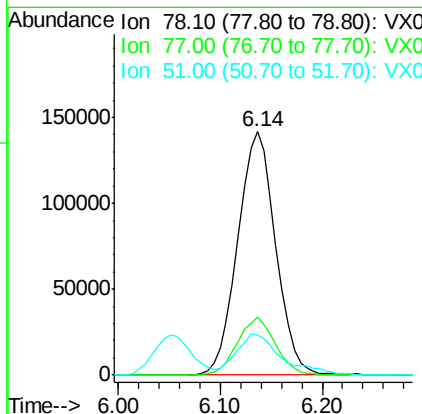
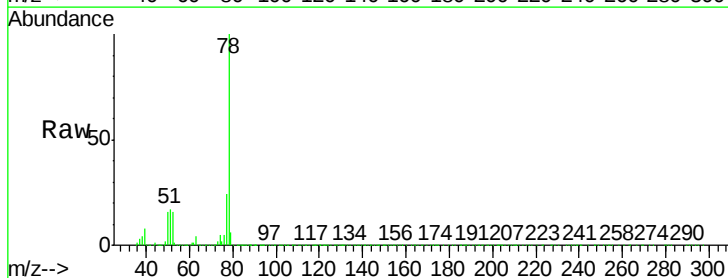
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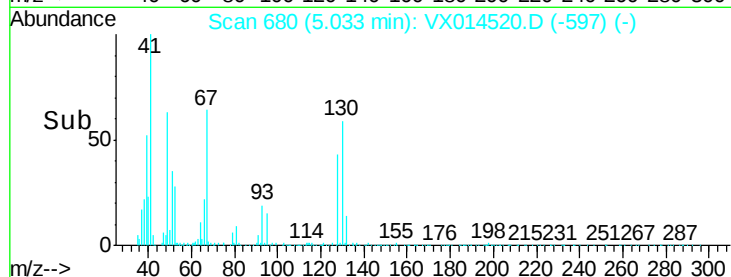
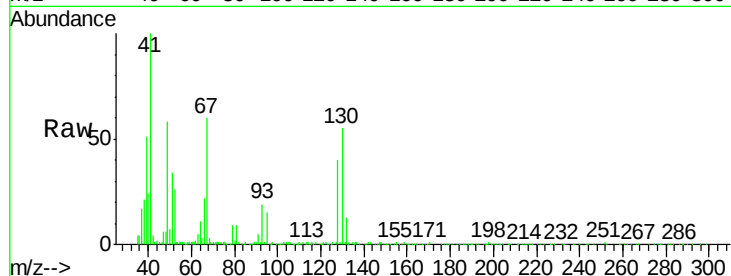
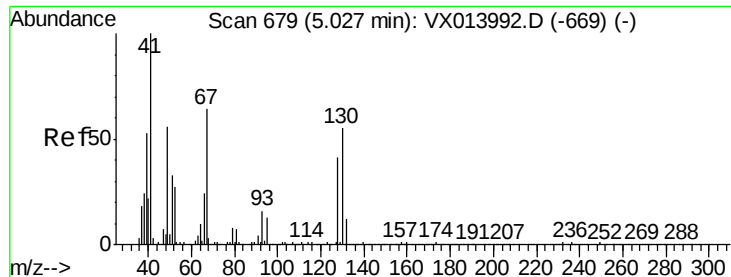
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#34
Benzene
Concen: 19.460 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

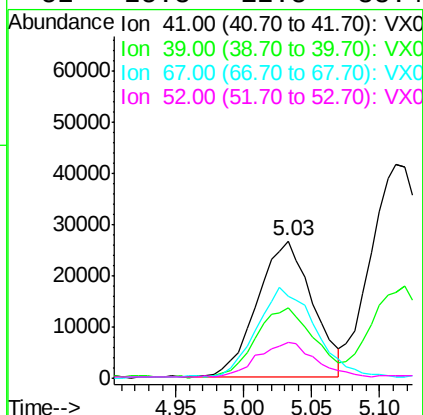
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2
51	15.7	12.4	18.6





#35
Methacrylonitrile
Concen: 19.873 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

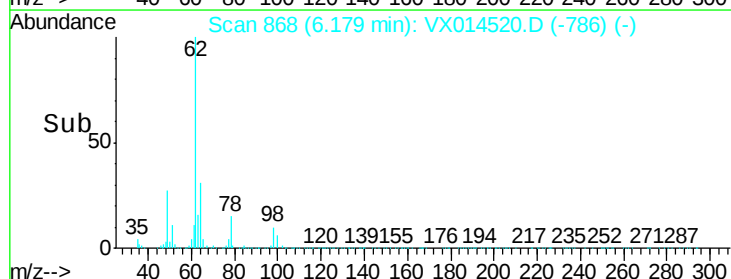
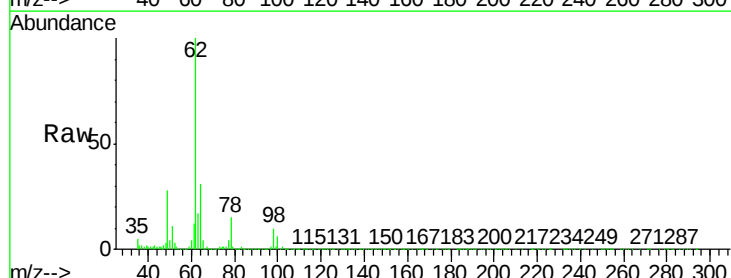
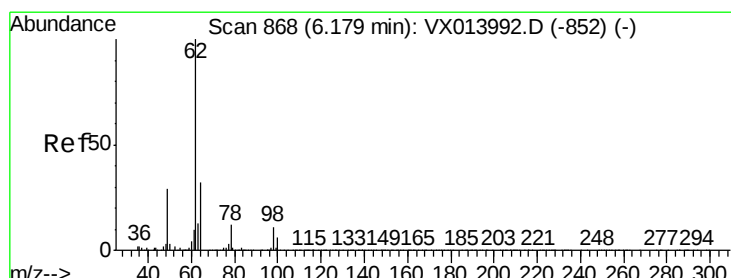
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.5	26.7	80.1	
67	58.6	31.5	94.5	
52	25.3	12.8	38.4	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

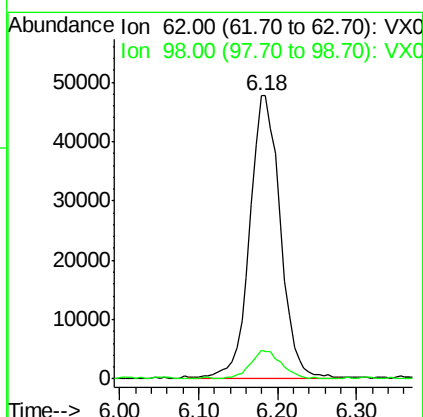
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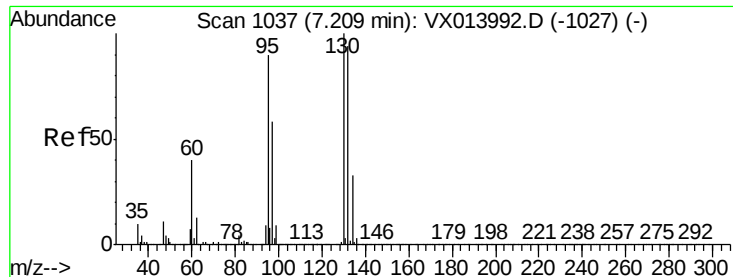
apatel
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#36
1,2-Dichloroethane
Concen: 19.587 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	8.4	12.6	





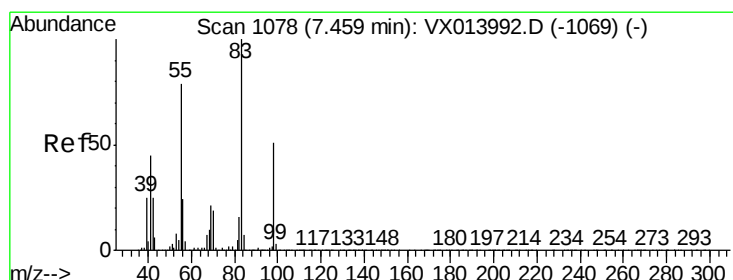
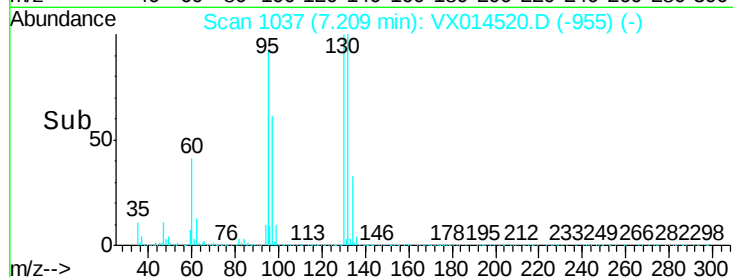
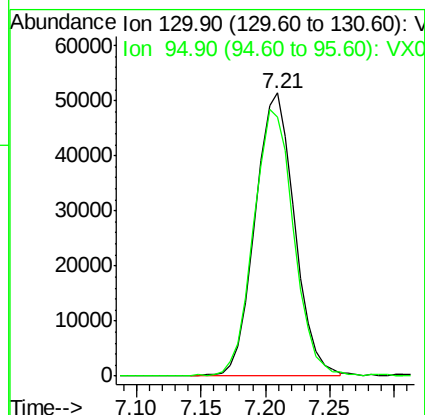
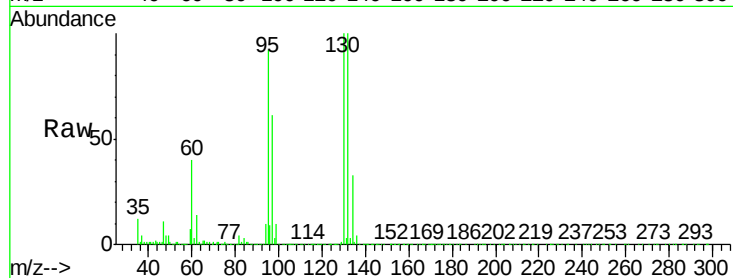
#37
 Trichloroethene
 Concen: 21.310 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
130	100		
95	91.4	71.7	107.5

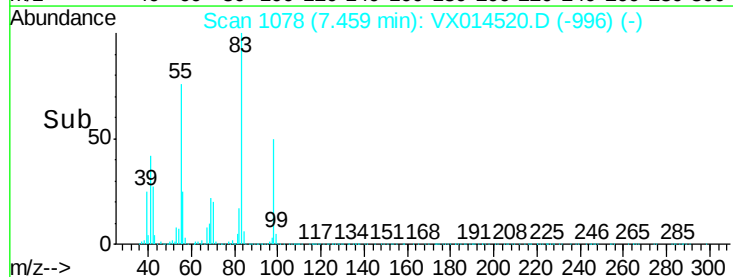
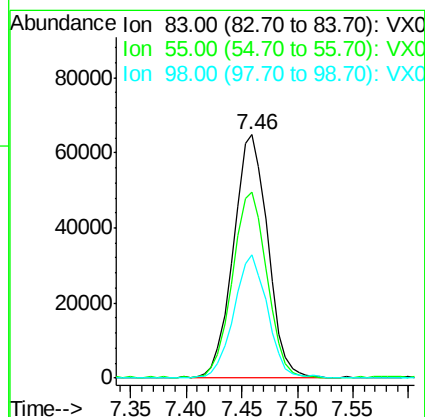
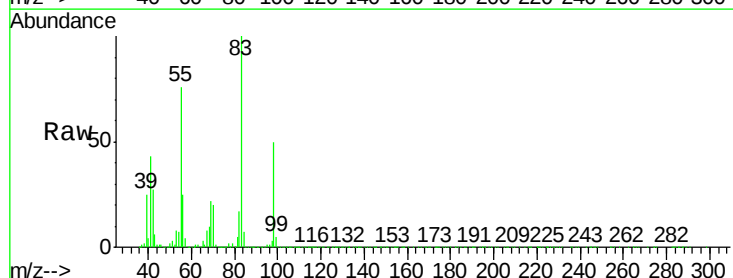
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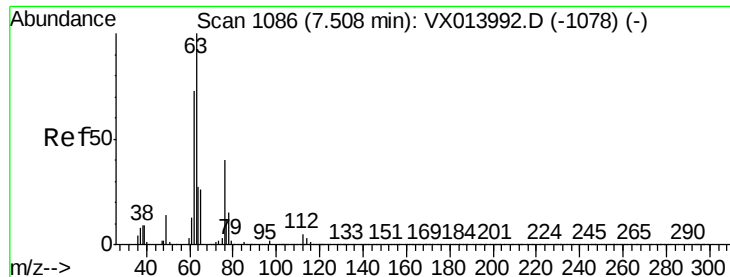
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#38
 Methylcyclohexane
 Concen: 19.199 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.3	39.4	118.1
98	49.1	25.1	75.3





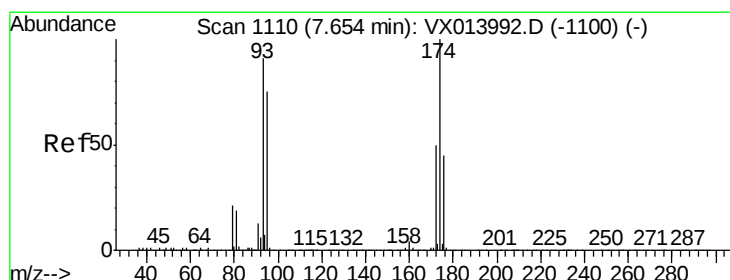
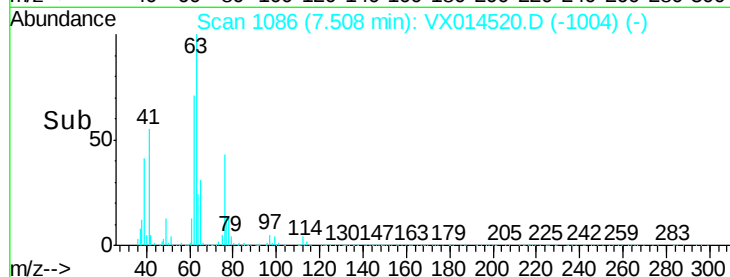
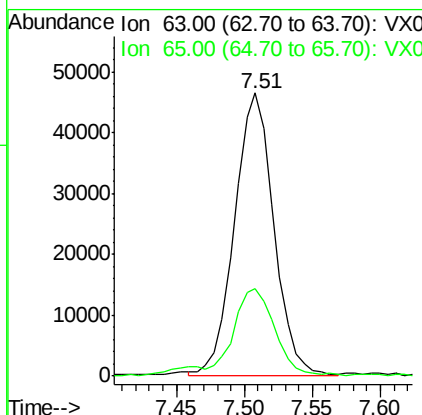
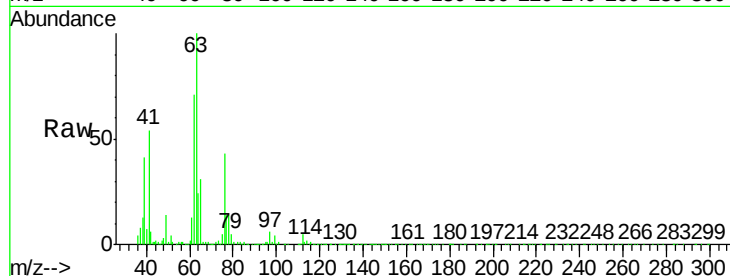
#39
 1,2-Dichloropropane
 Concen: 19.163 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.1	33.1

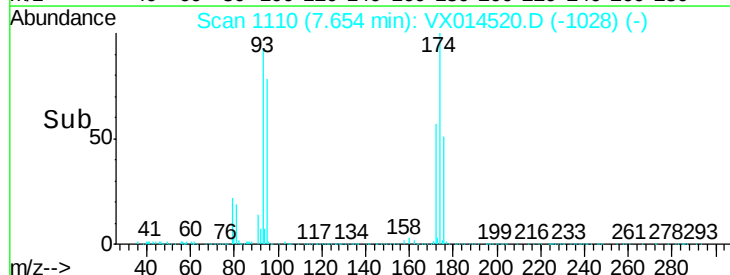
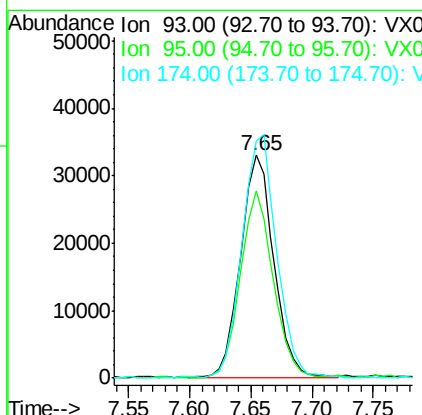
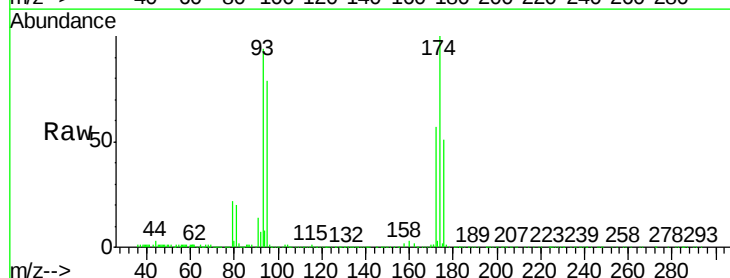
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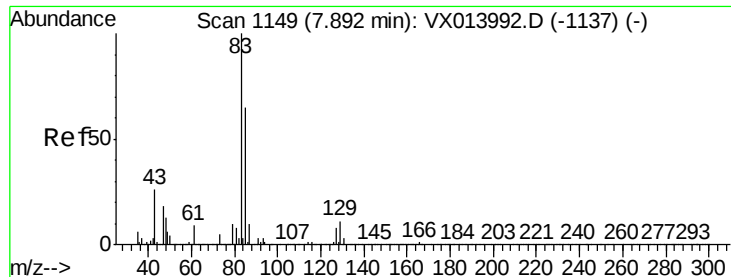
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#40
 Dibromomethane
 Concen: 20.117 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	0.0	164.4
174	113.1	0.0	228.8





#41

Bromodichloromethane

Concen: 19.437 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

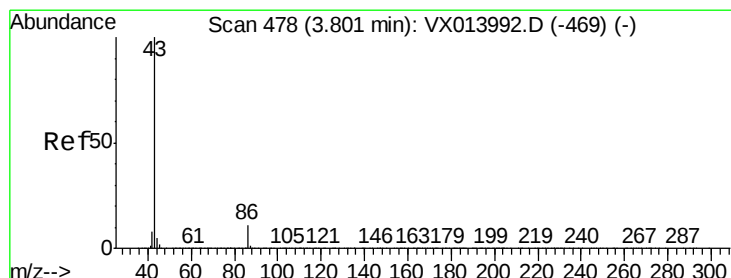
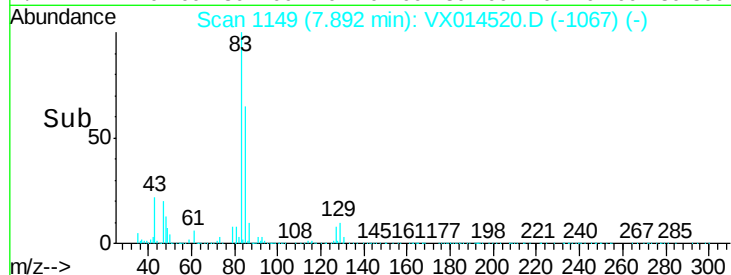
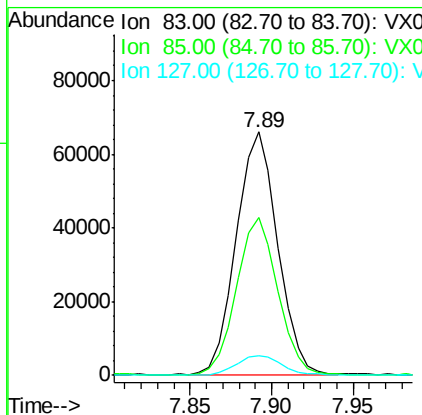
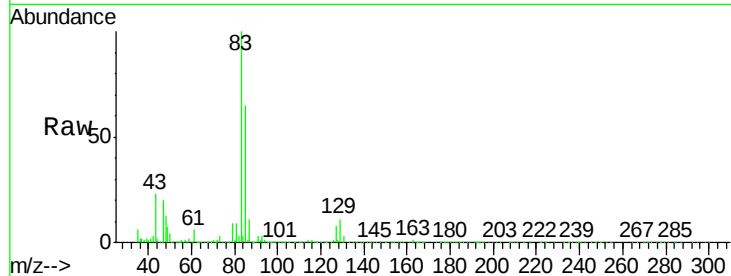
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	117309
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.6	77.4
127	7.9	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 53.300 ug/l

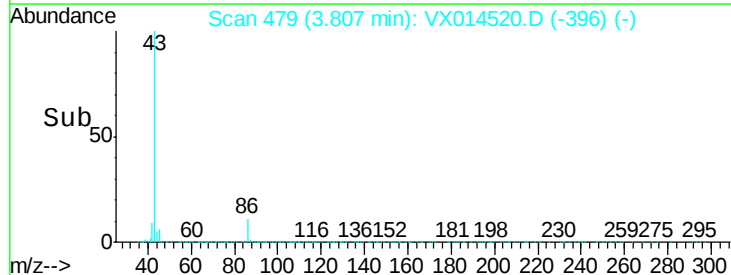
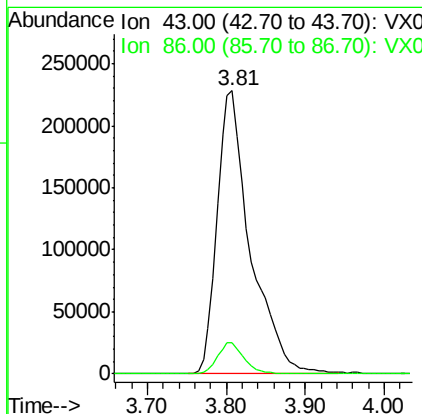
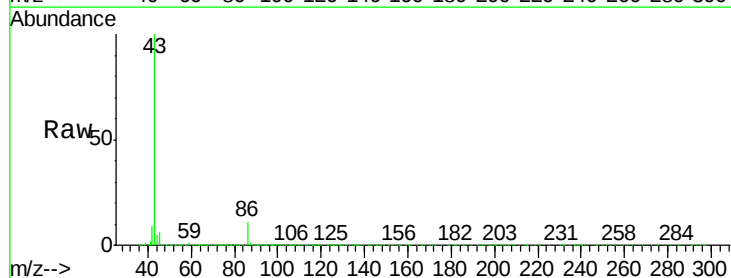
RT: 3.81 min Scan# 479

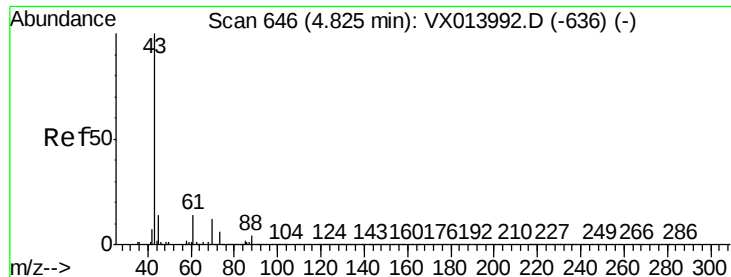
Delta R.T. 0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	43	Resp:	668257
Ion Ratio	Lower	Upper	
43	100		
86	8.8	7.7	11.5





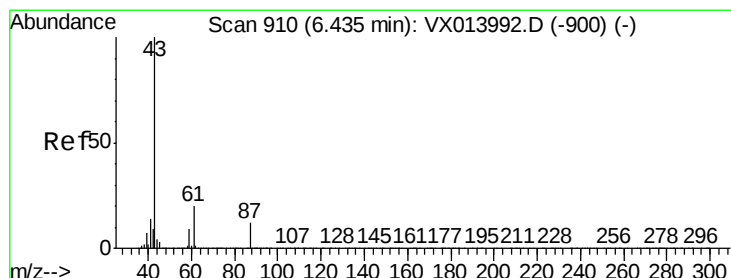
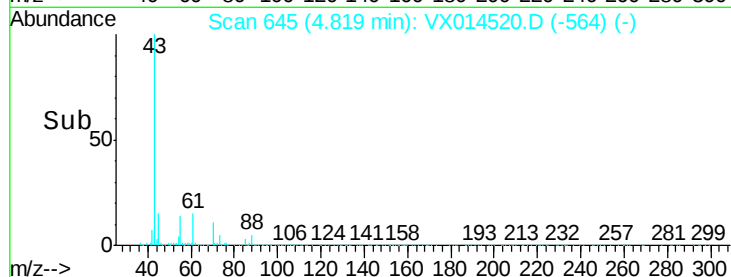
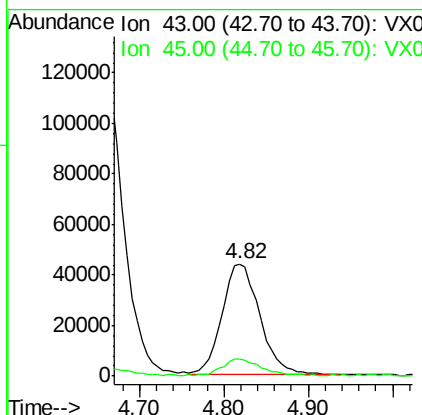
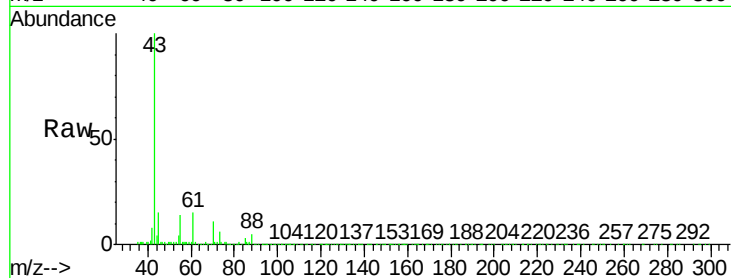
#43
Ethyl Acetate
Concen: 19.772 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	13.9	11.8	17.8	

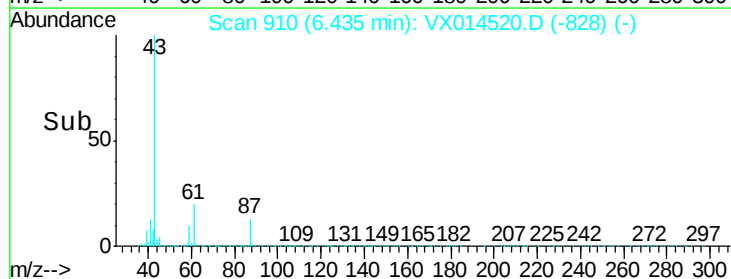
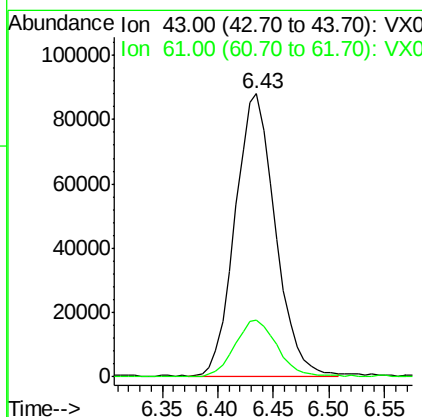
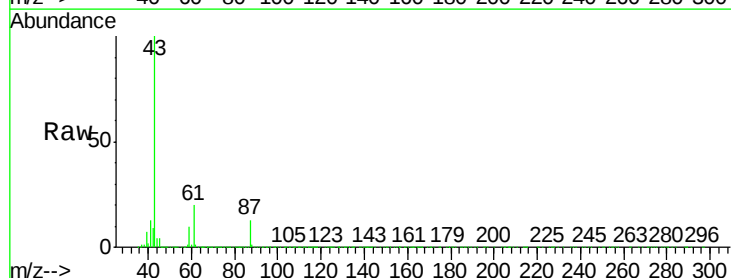
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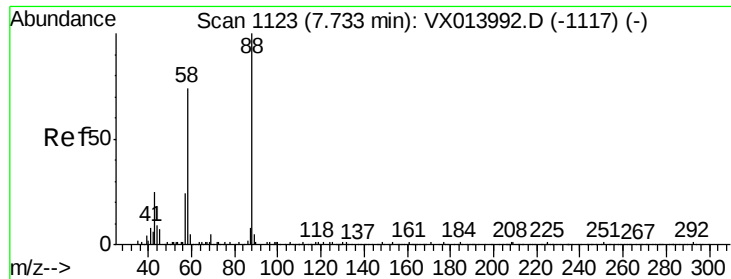
apatel
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#44
Isopropyl Acetate
Concen: 19.227 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	21.1	15.9	23.9	





#45

1,4-Dioxane

Concen: 435.332 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

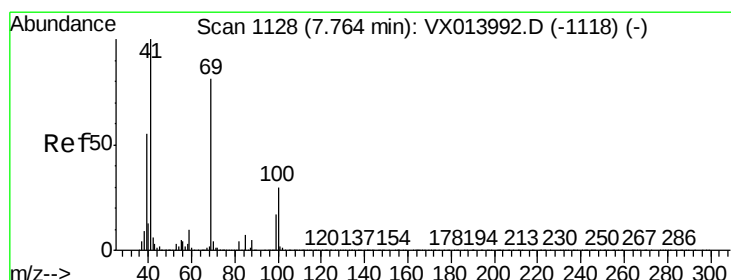
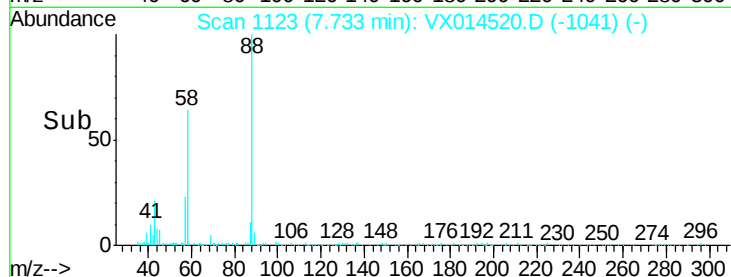
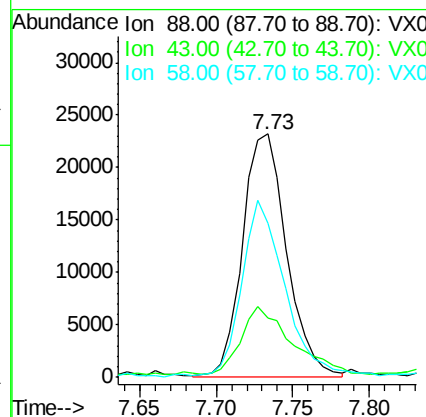
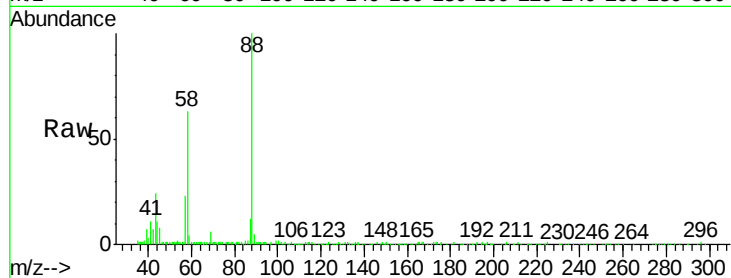
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	46526
Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.4	38.2
58	69.1	56.5	84.7

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#46

Methyl methacrylate

Concen: 18.989 ug/l

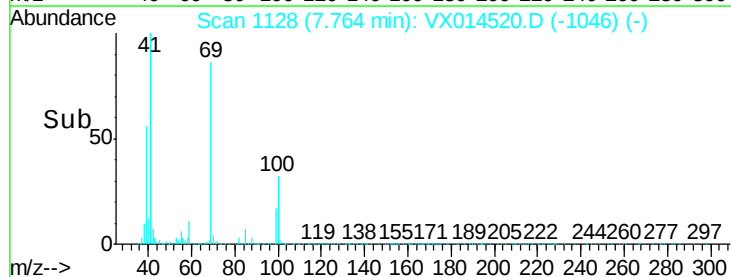
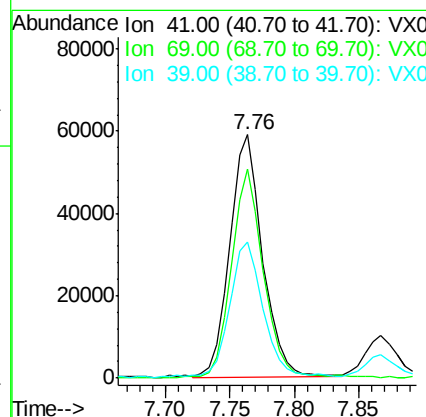
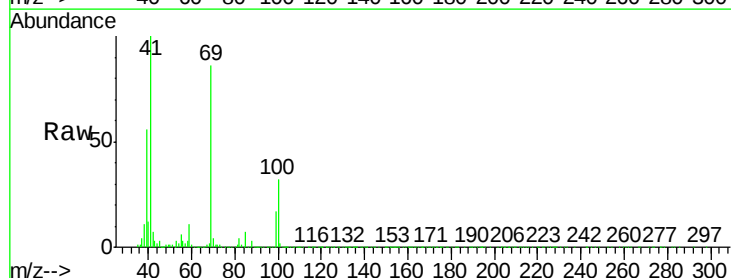
RT: 7.76 min Scan# 1128

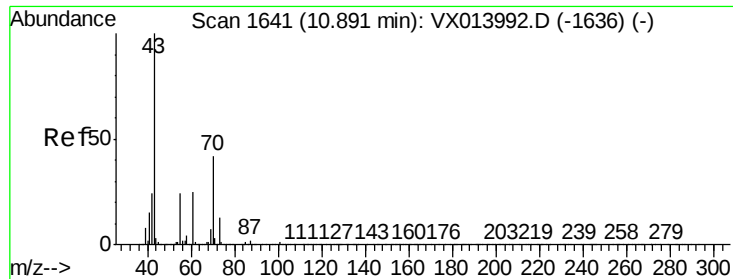
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	41	Resp:	105268
Ion	Ratio	Lower	Upper
41	100		
69	85.8	40.6	122.0
39	55.5	27.8	83.3





#47

n-amvl Acetate

Concen: 18.418 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 186903

Ion Ratio Lower Upper

43 100

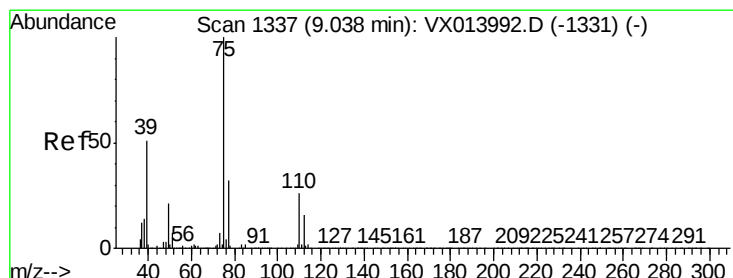
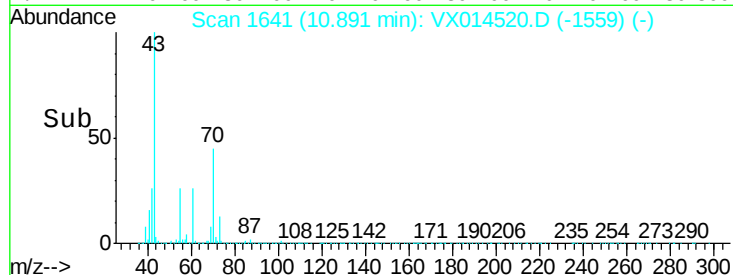
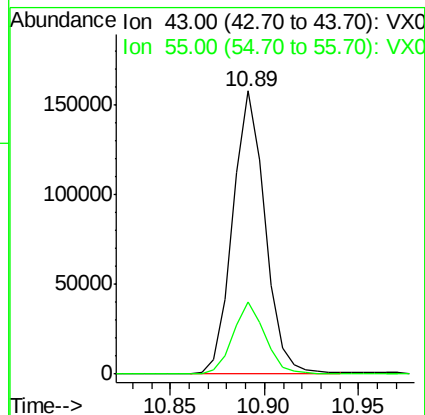
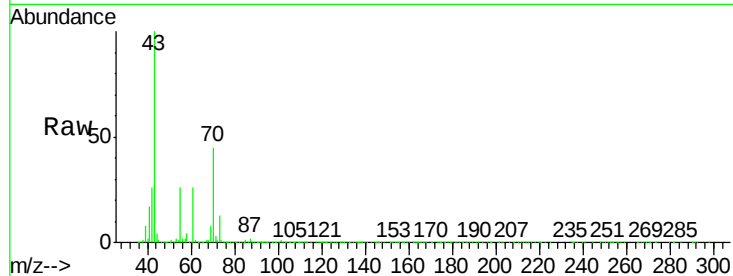
55 25.3 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 19.398 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014520.D

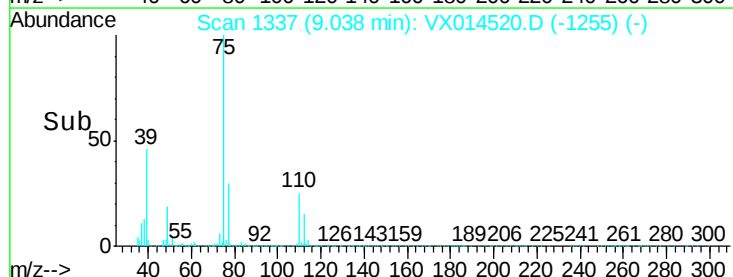
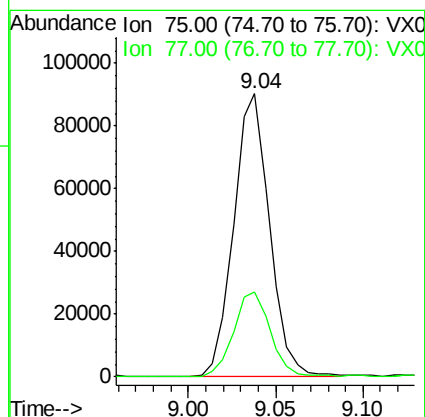
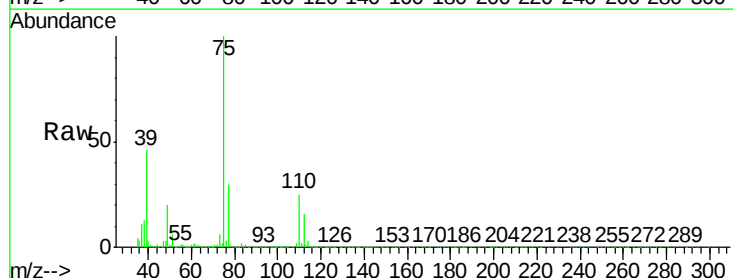
Acq: 10 Jan 2020 00:21

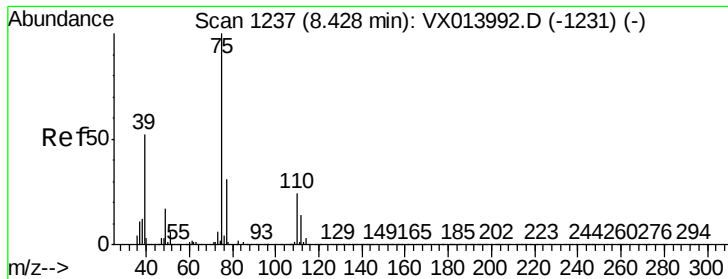
Tgt Ion: 75 Resp: 127777

Ion Ratio Lower Upper

75 100

77 29.8 26.0 39.0





#49

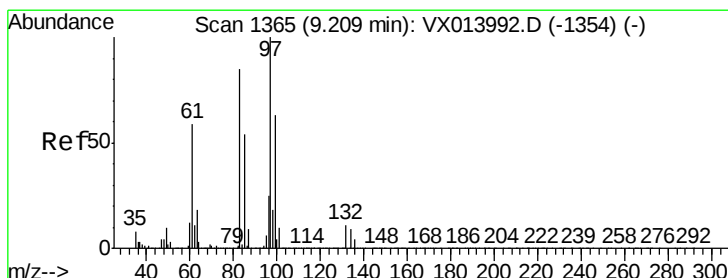
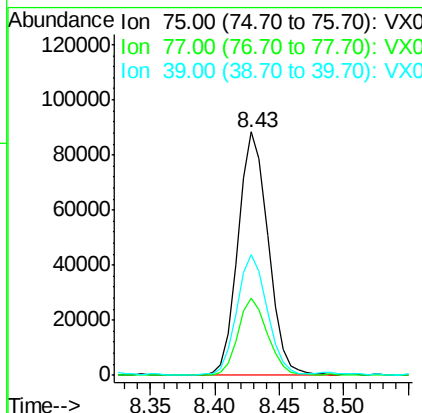
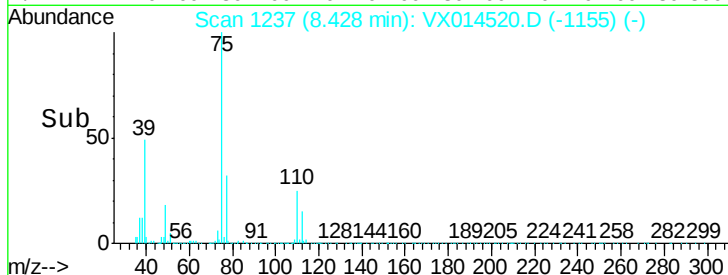
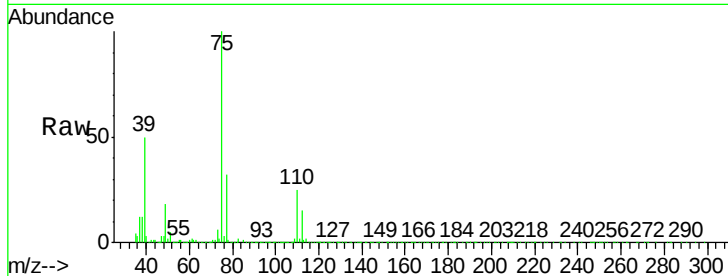
cis-1,3-Dichloropropene
Concen: 19.351 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	49.4	41.1	61.7

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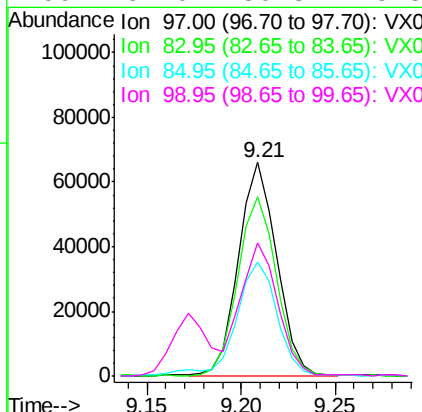
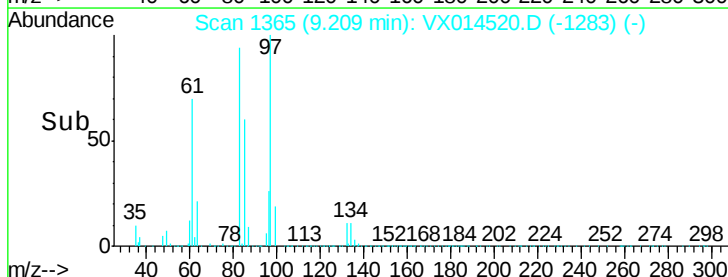
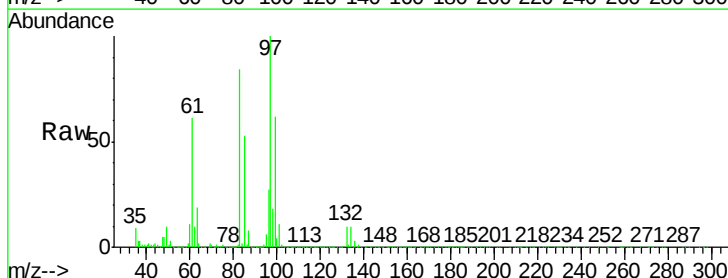
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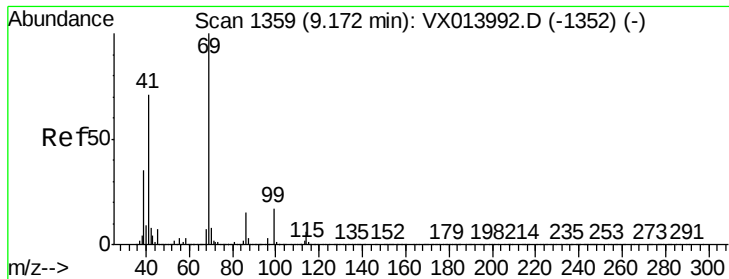


#50

1,1,2-Trichloroethane
Concen: 19.225 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	52.9	42.7	64.1
99	62.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.200 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

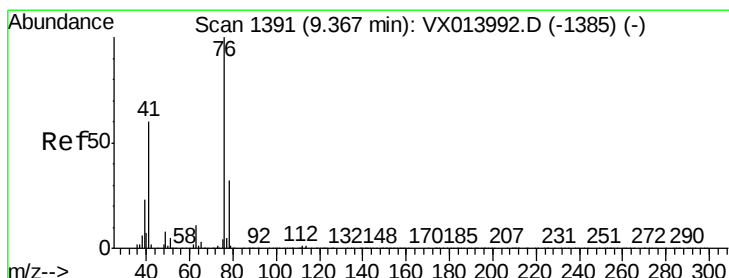
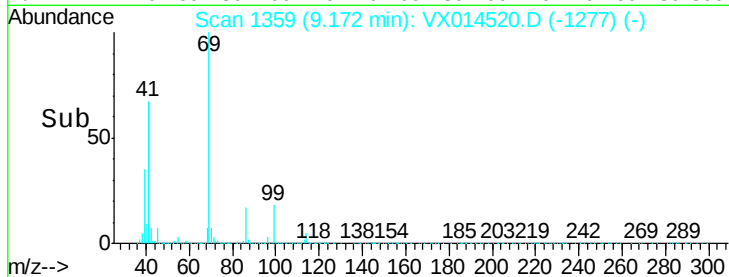
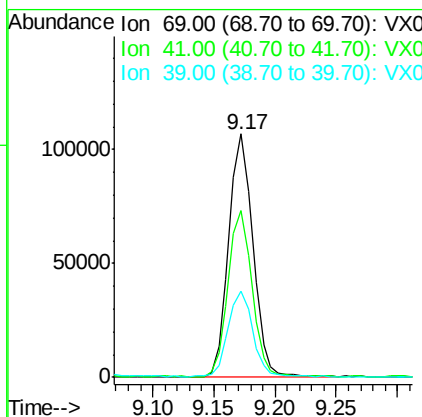
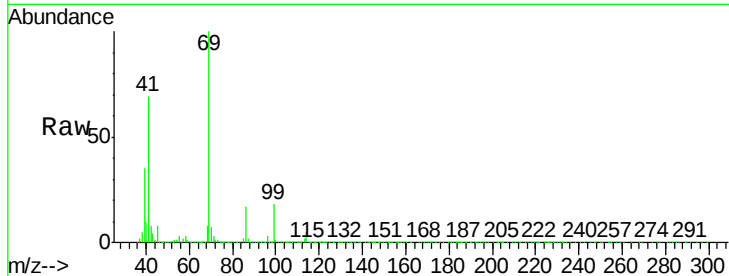
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	146914
Ion	Ratio	Lower	Upper
69	100		
41	68.3	35.4	106.1
39	35.3	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 19.369 ug/l

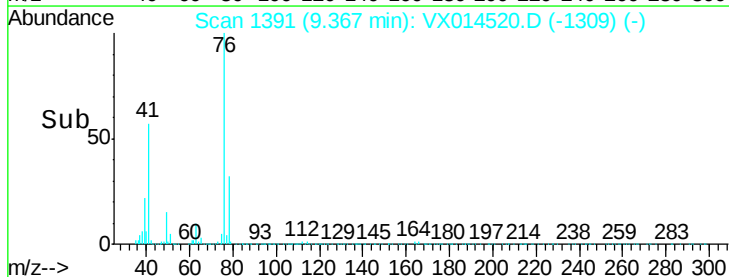
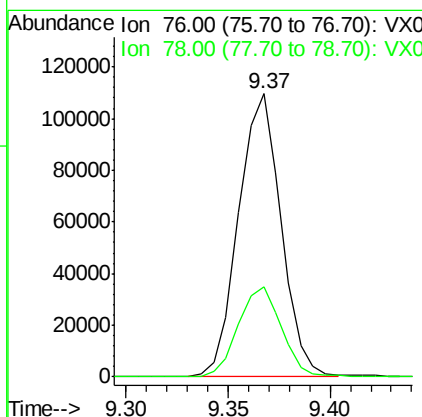
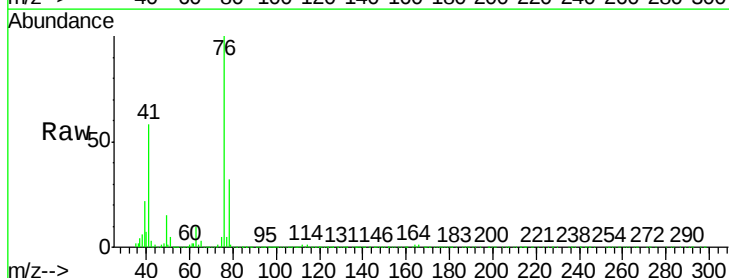
RT: 9.37 min Scan# 1391

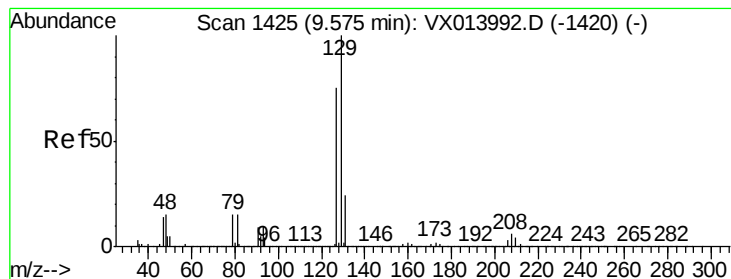
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	76	Resp:	158298
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.4





#53

Dibromochloromethane

Concen: 19.644 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 94488

Ion Ratio Lower Upper

129 100

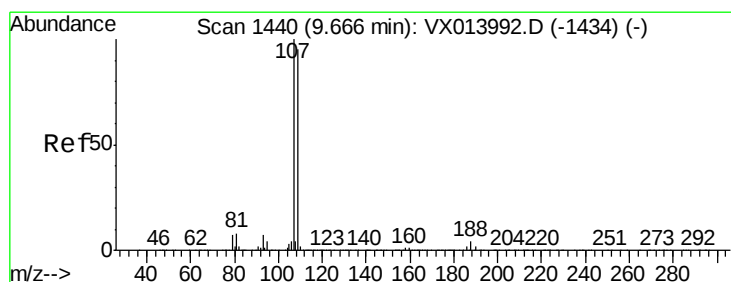
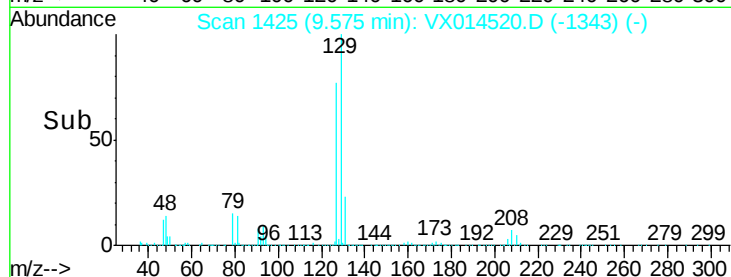
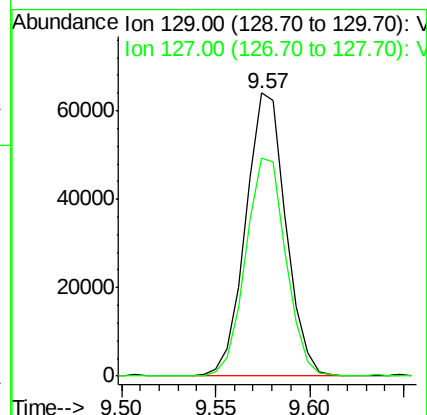
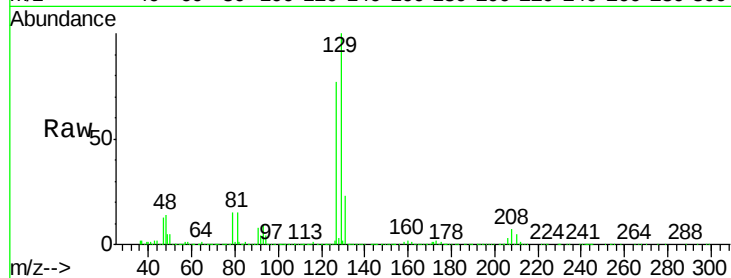
127 77.1 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 19.909 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014520.D

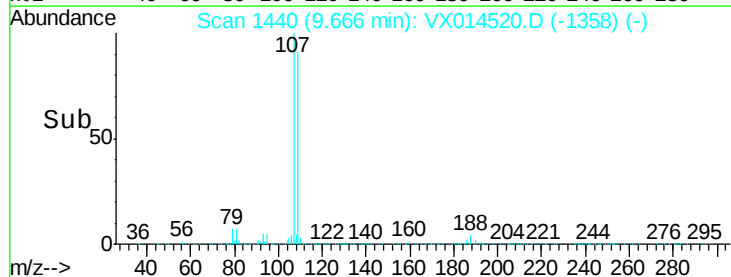
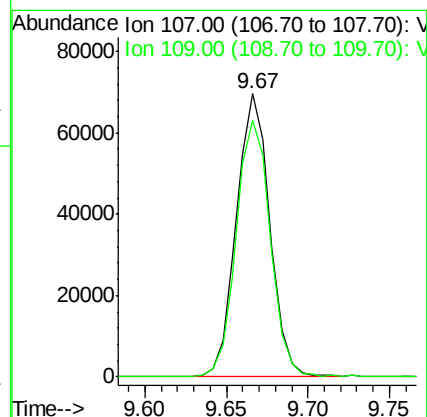
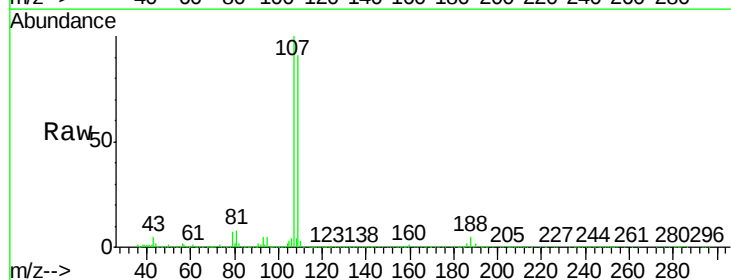
Acq: 10 Jan 2020 00:21

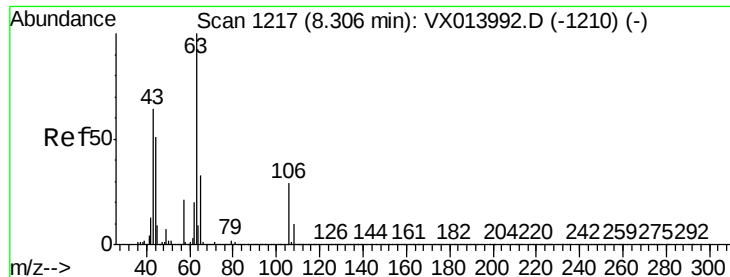
Tgt Ion:107 Resp: 98608

Ion Ratio Lower Upper

107 100

109 92.5 77.2 115.8





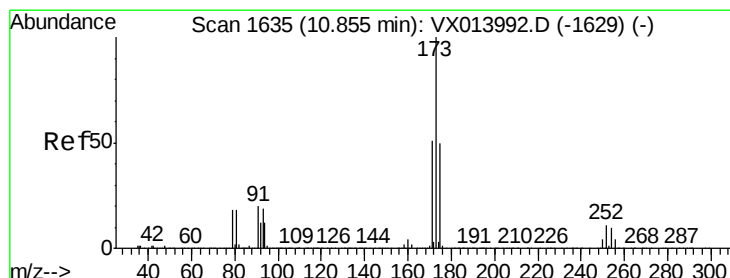
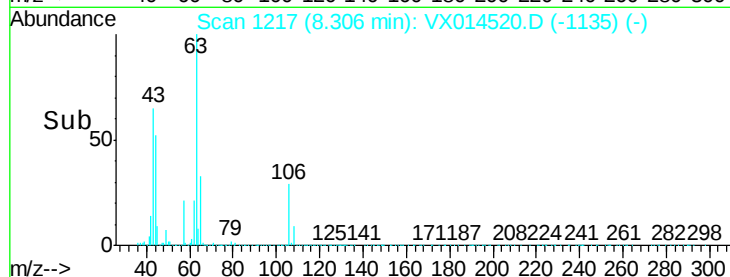
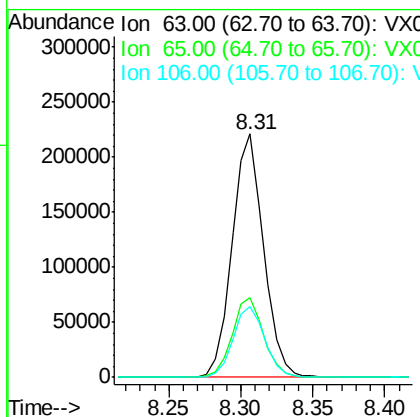
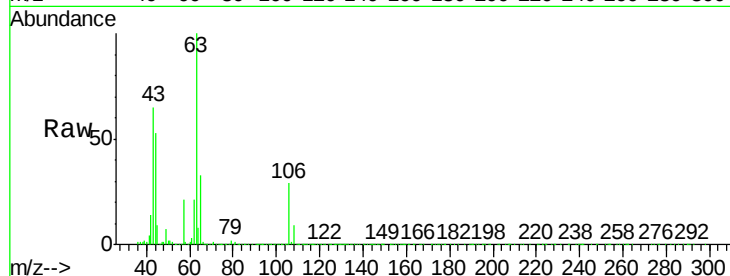
#55
 2-Chloroethyl vinyl ether
 Concen: 99.770 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.8	38.6
106	29.2	22.9	34.3

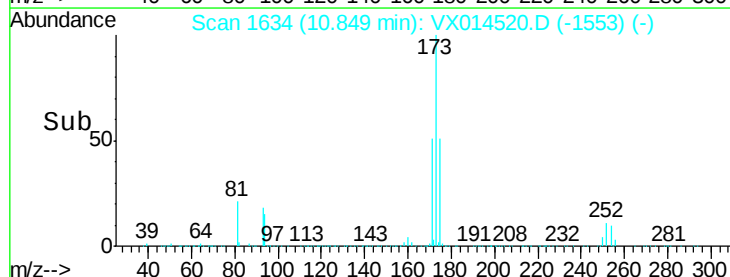
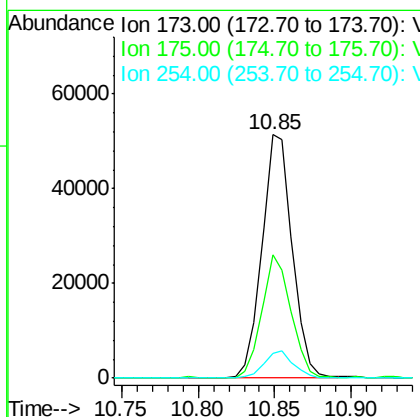
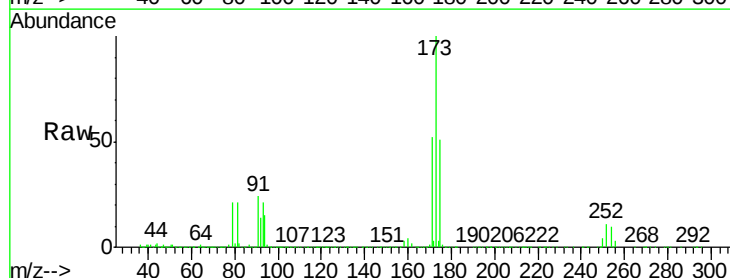
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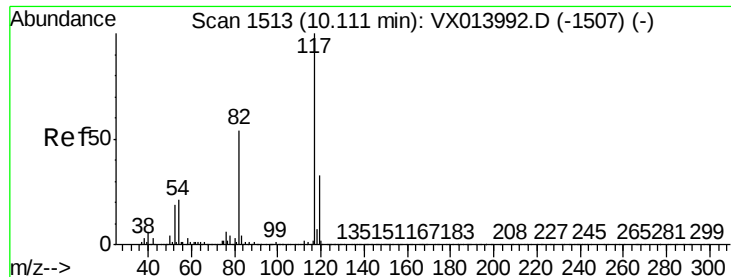
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#56
 Bromoform
 Concen: 18.914 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.5	59.3
254	10.9	8.2	12.4





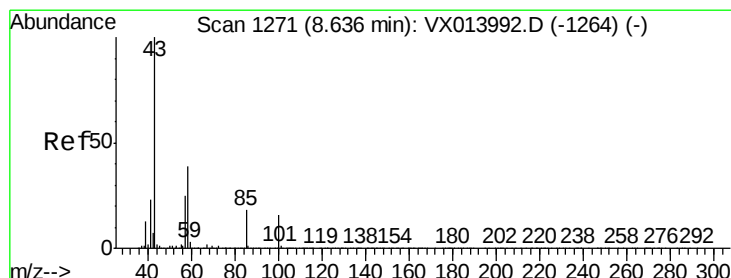
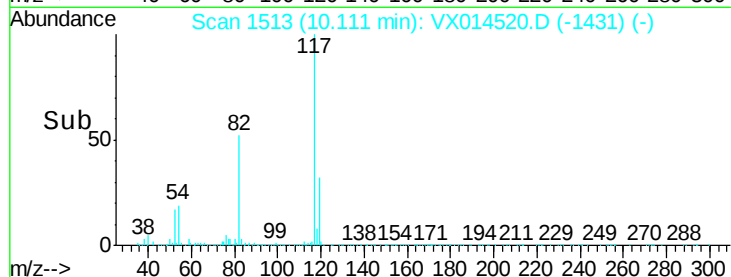
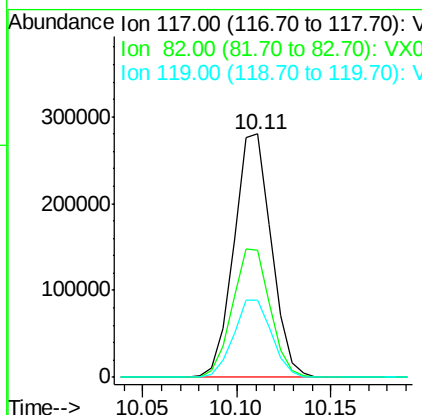
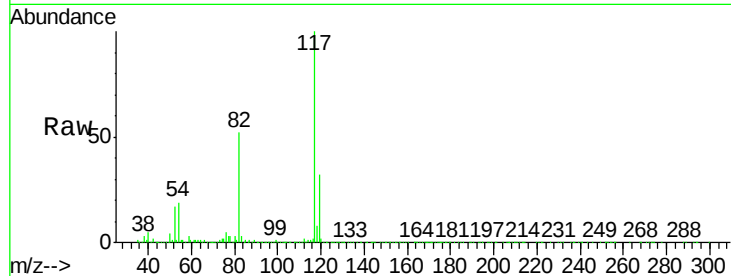
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.9	43.8	65.6
119	32.2	25.8	38.6

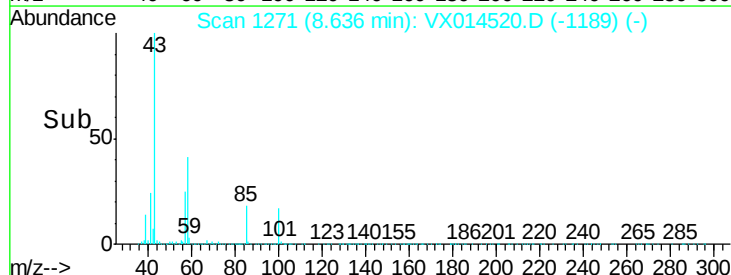
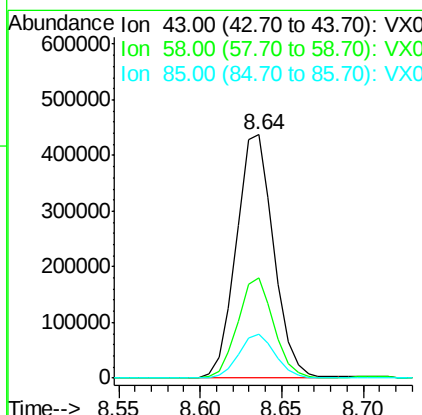
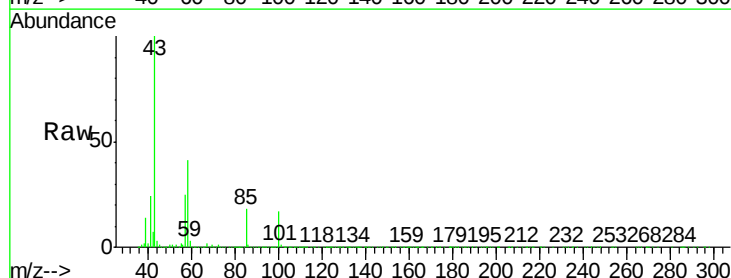
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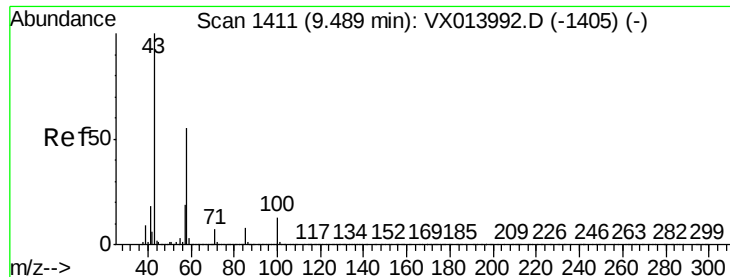
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#58
4-Methyl-2-Pentanone
Concen: 96.524 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.8	31.2	46.8
85	17.6	14.2	21.2





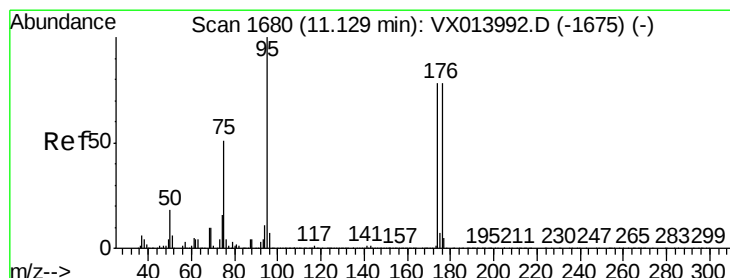
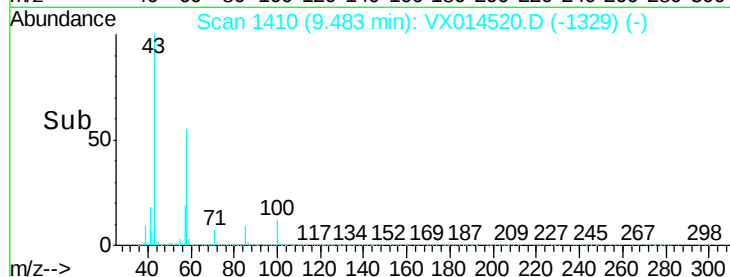
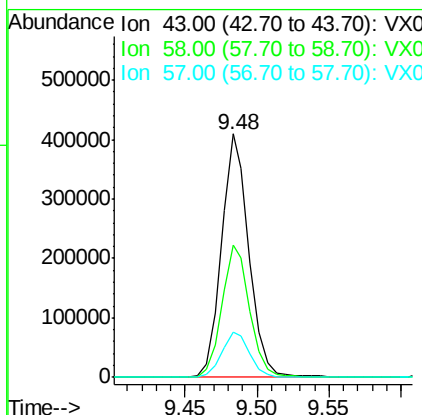
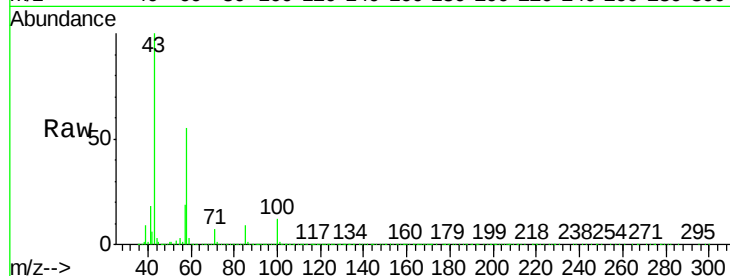
#59
2-Hexanone
Concen: 98.933 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.8	65.6
57	19.0	15.4	23.0

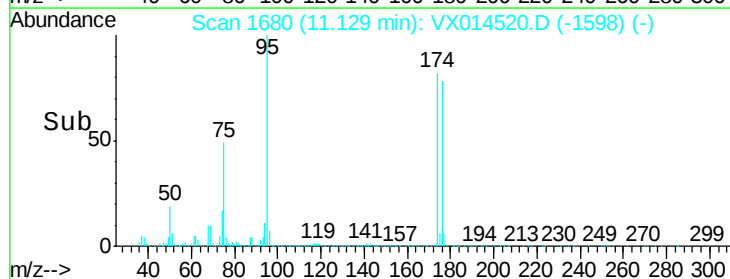
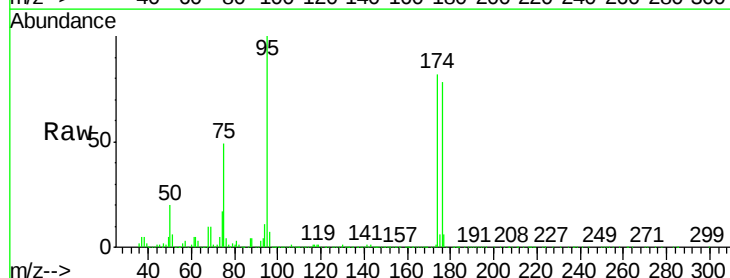
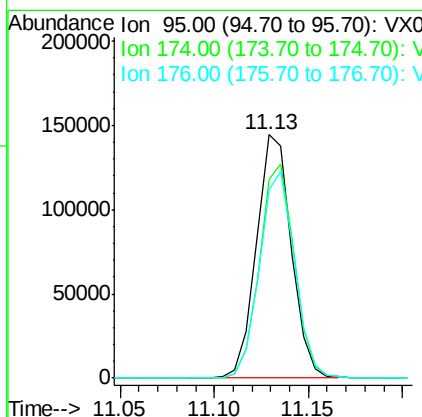
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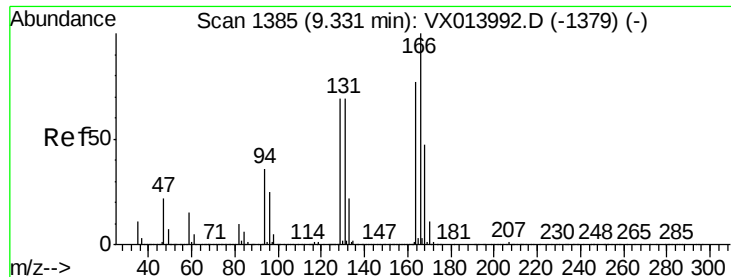
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#60
4-Bromofluorobenzene
Concen: 29.673 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	70.2	105.2
176	85.7	68.3	102.5





#61

Tetrachloroethene

Concen: 29.383 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

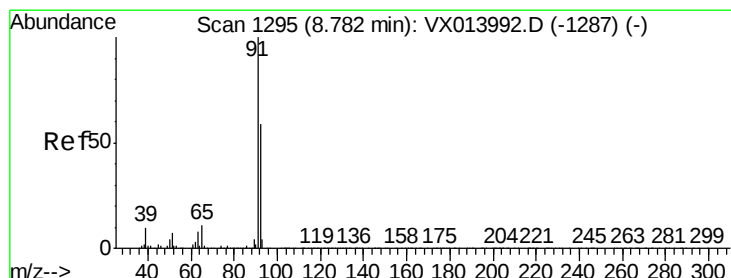
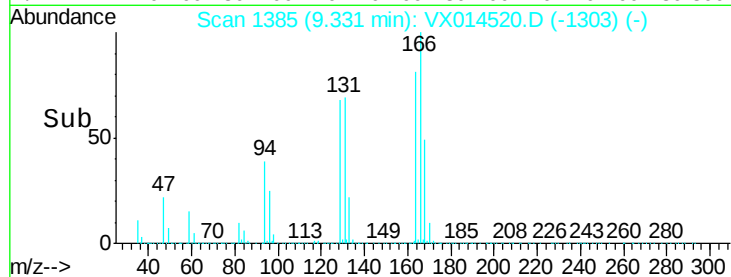
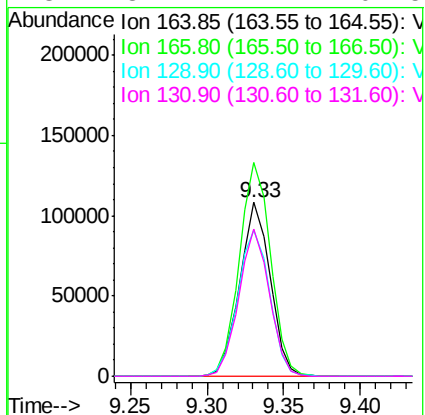
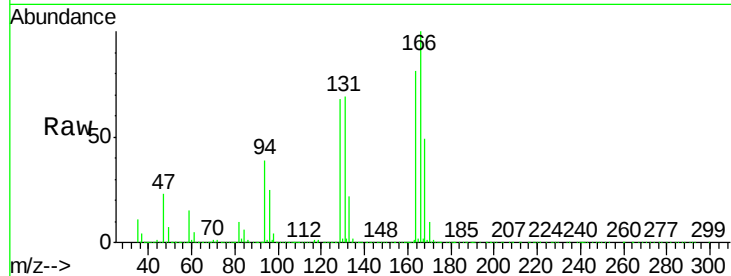
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.1	104.2	156.2
129	84.1	71.6	107.4
131	84.4	71.7	107.5

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#62

Toluene

Concen: 19.282 ug/l

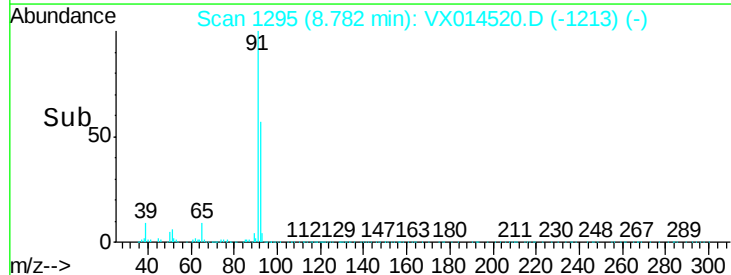
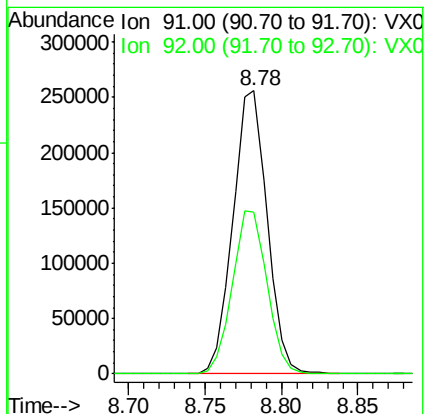
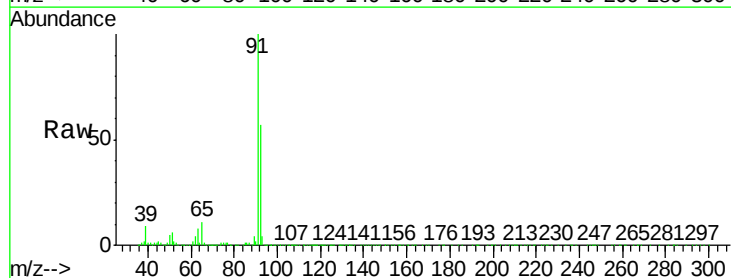
RT: 8.78 min Scan# 1295

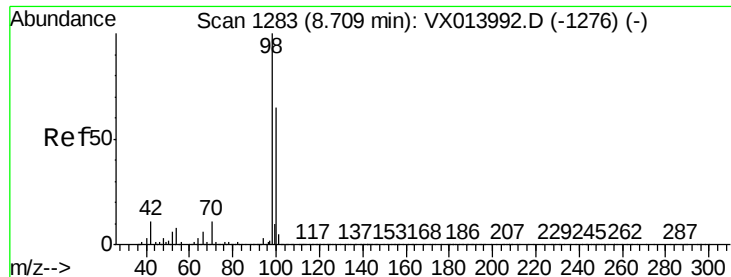
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.4	69.6





#63

Toluene-d8

Concen: 29.819 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 514668

Ion Ratio Lower Upper

98 100

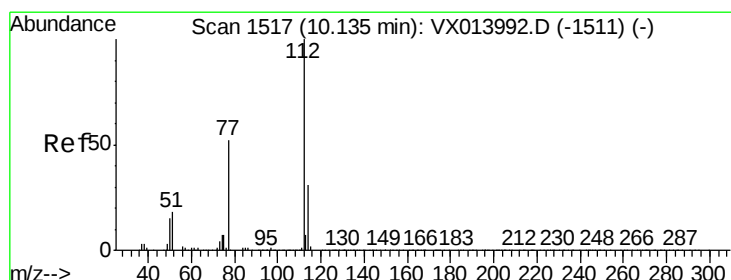
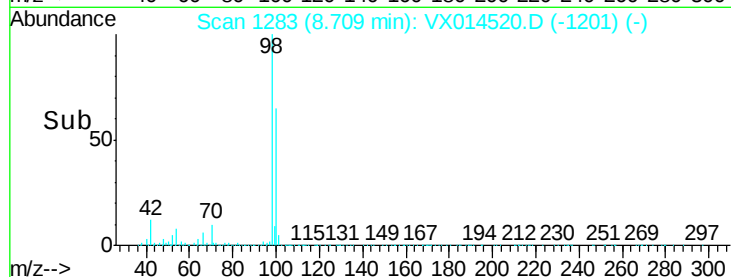
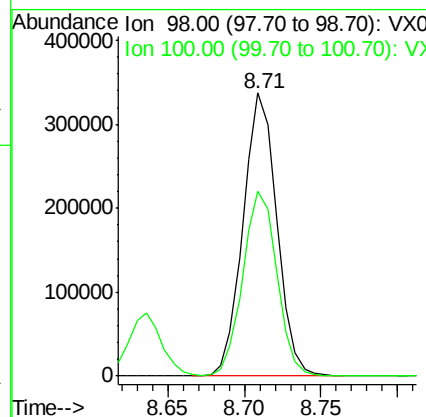
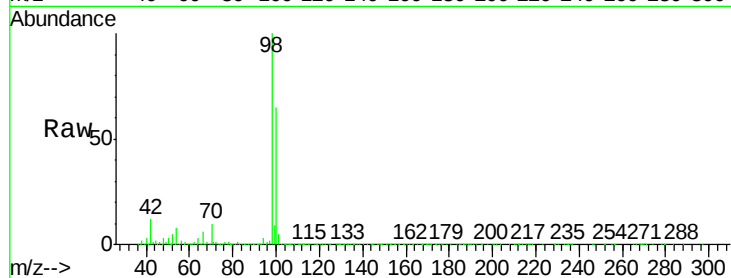
100 66.3 52.2 78.2

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#64

Chlorobenzene

Concen: 19.102 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014520.D

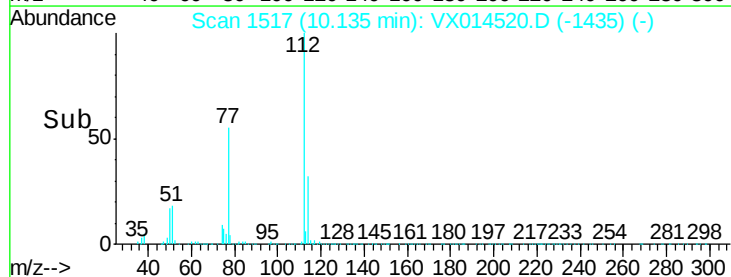
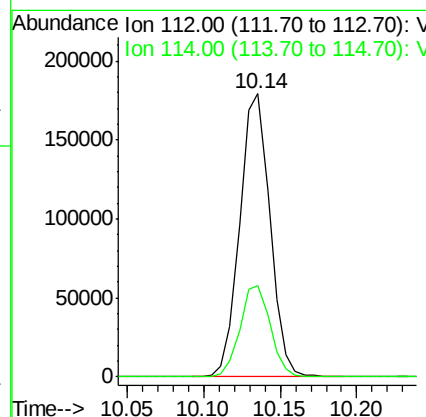
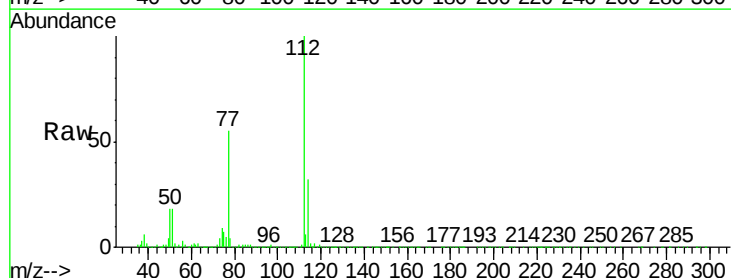
Acq: 10 Jan 2020 00:21

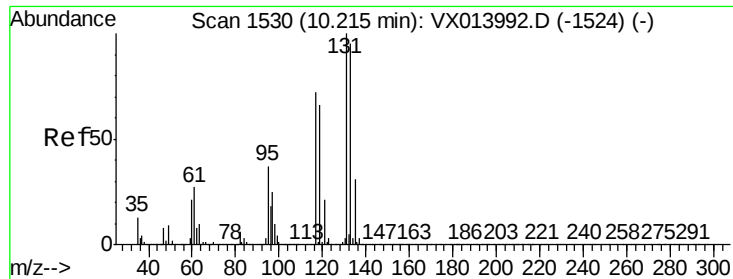
Tgt Ion: 112 Resp: 245784

Ion Ratio Lower Upper

112 100

114 32.2 24.4 36.6





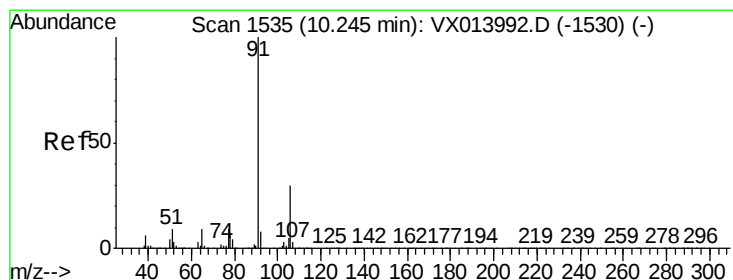
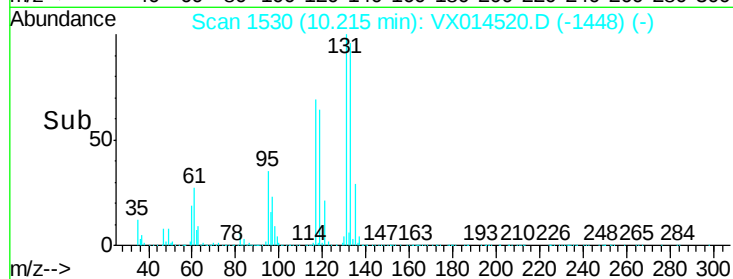
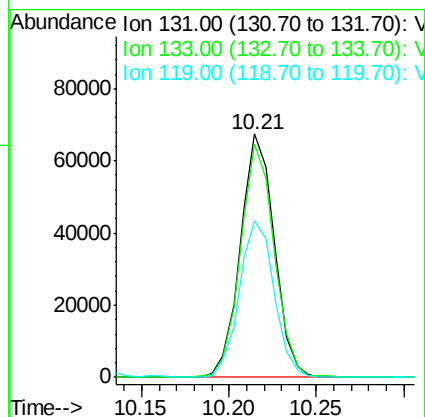
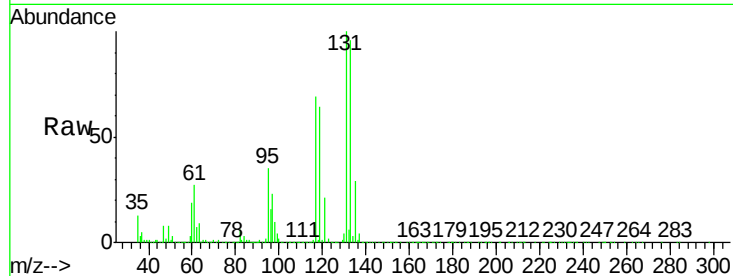
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.013 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	189.8
119	66.4	0.0	132.2

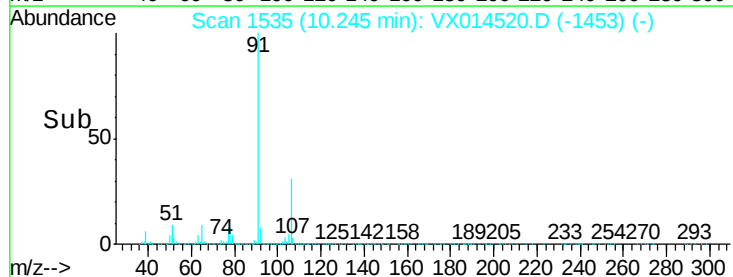
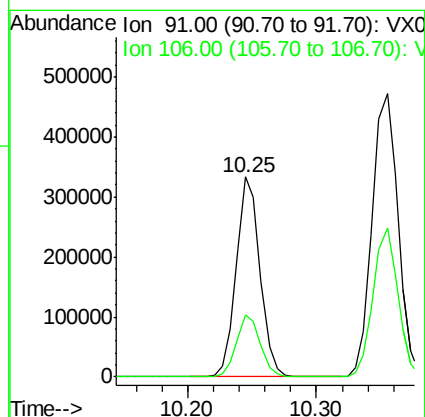
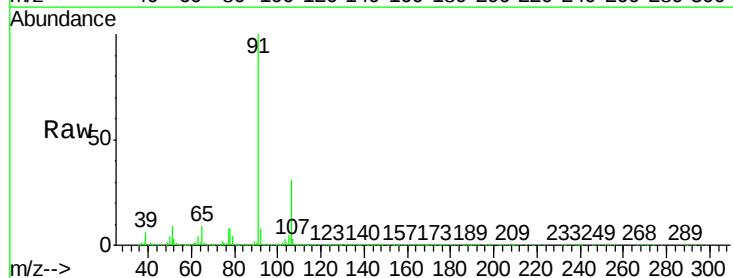
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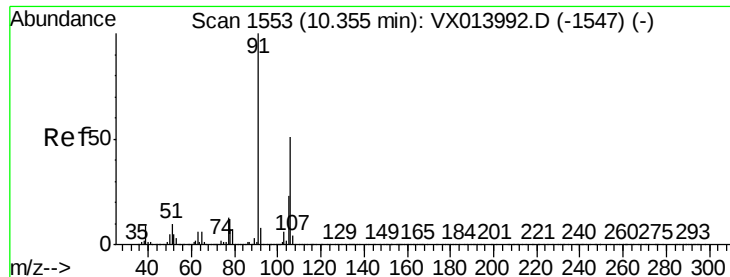
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#66
 Ethyl Benzene
 Concen: 19.159 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.2	36.2





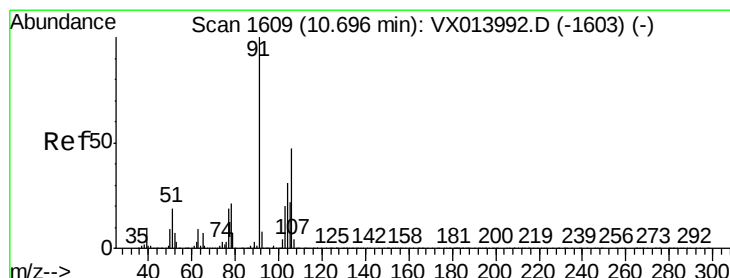
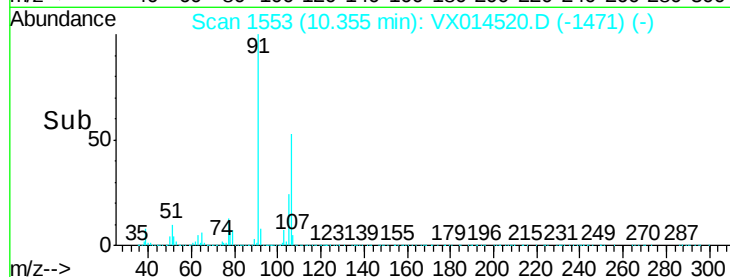
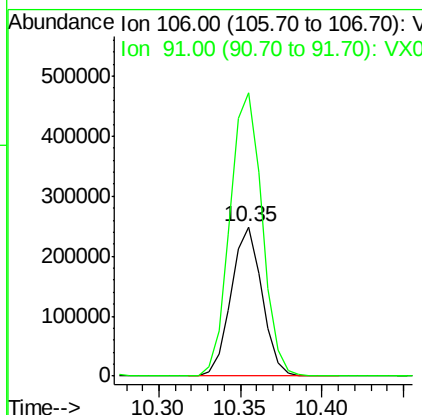
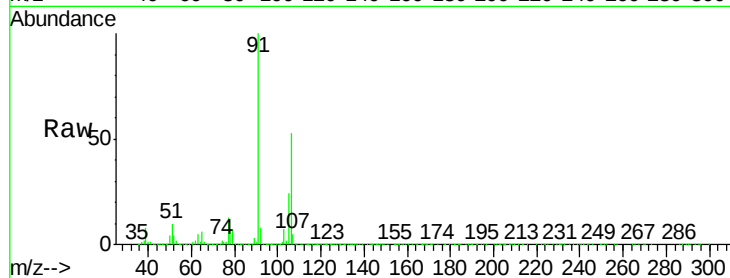
#67
m/p-Xylenes
Concen: 38.133 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.1	159.3	238.9

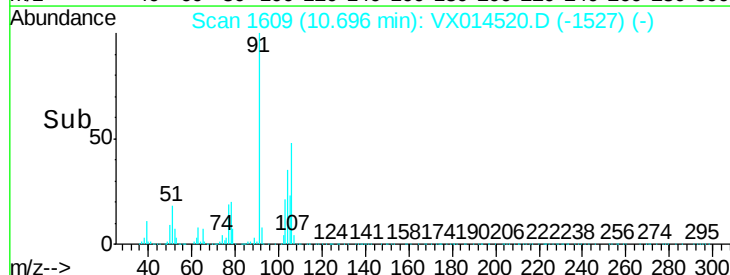
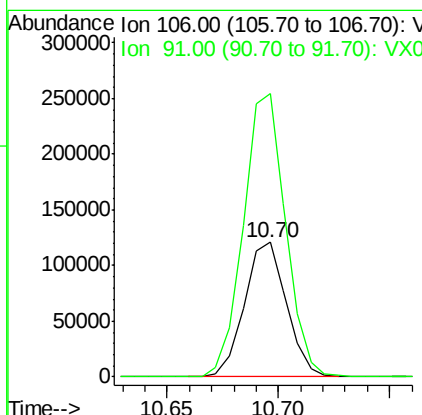
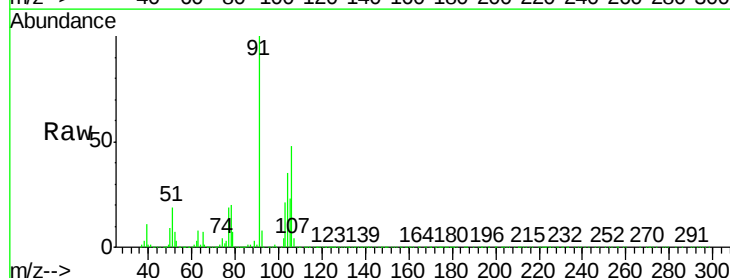
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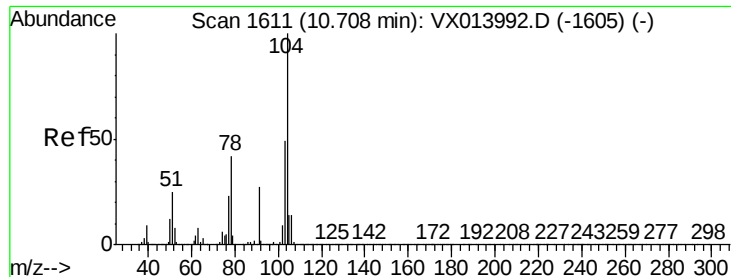
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#68
o-Xylene
Concen: 18.631 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.7	104.8	314.6





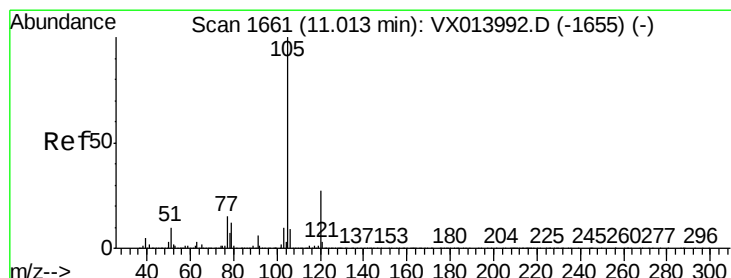
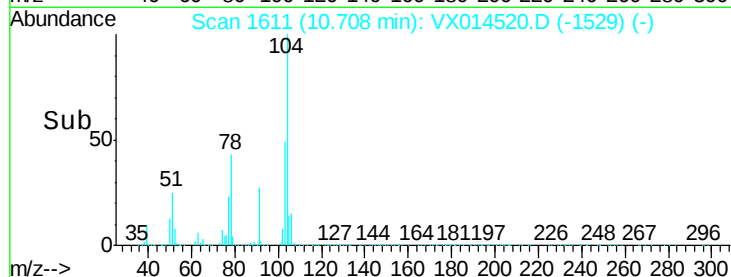
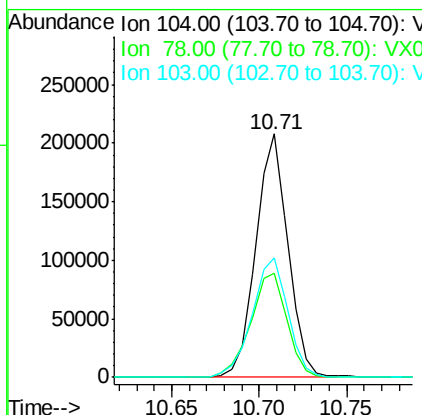
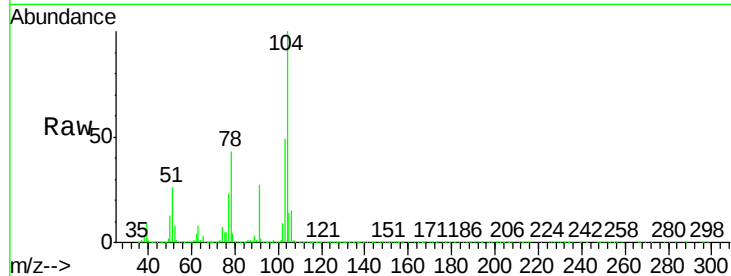
#69
Stvrene
Concen: 18.254 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.9	58.3
103	54.7	44.2	66.2

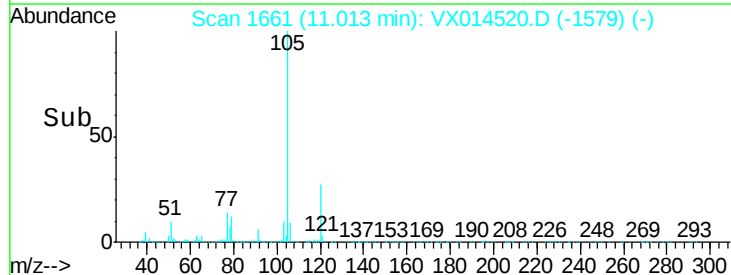
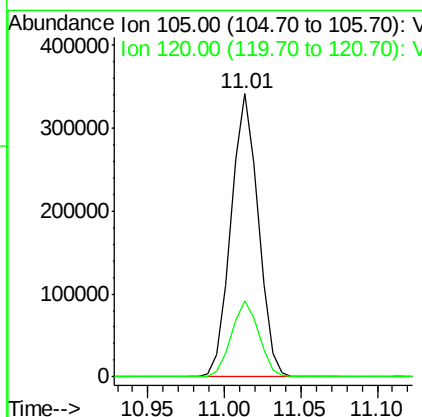
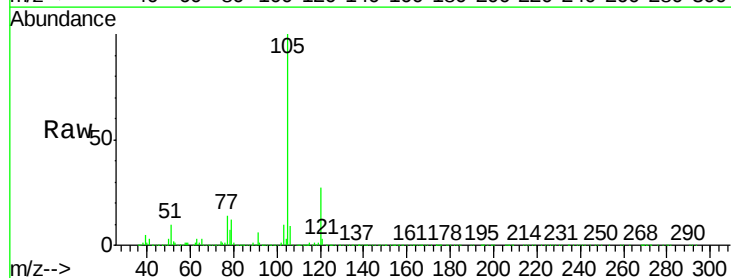
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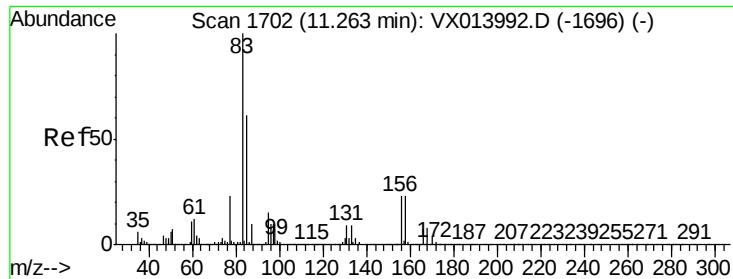
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#70
Isopropylbenzene
Concen: 19.117 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.1	35.5





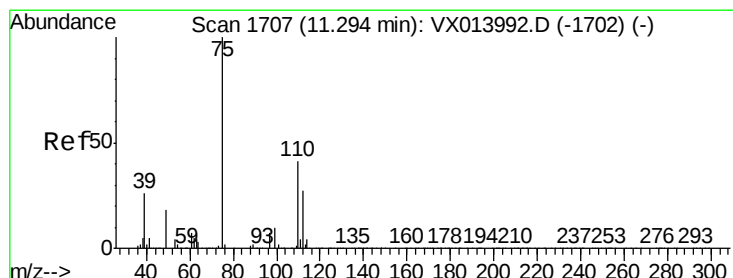
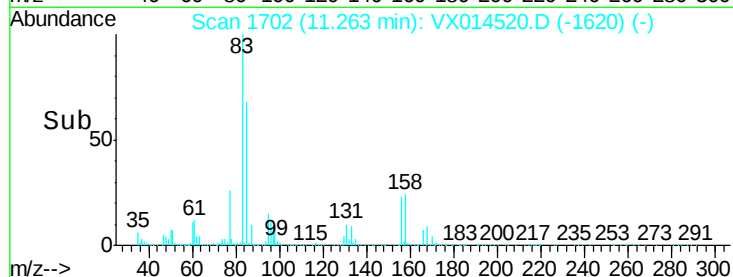
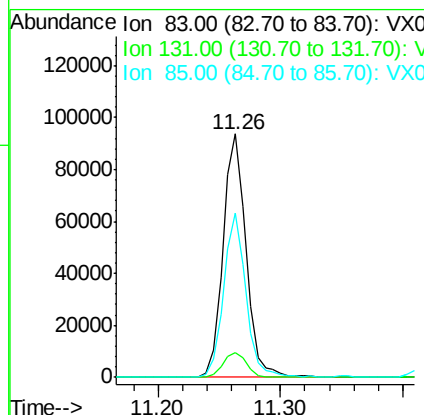
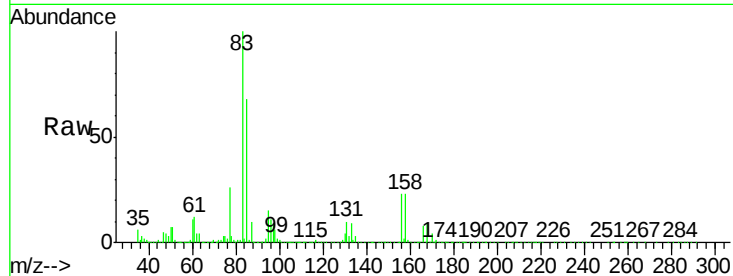
#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.617 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.5	4.9	14.7	
85	65.1	31.6	94.7	

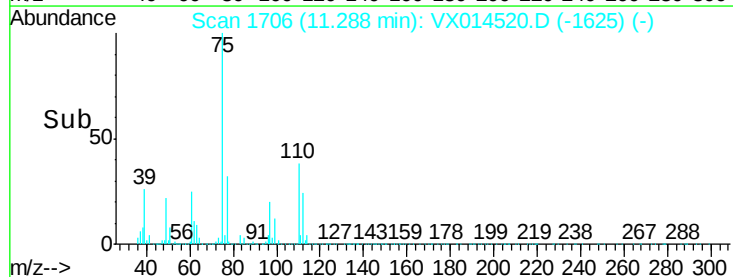
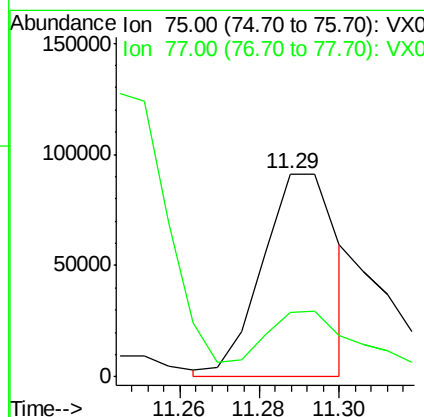
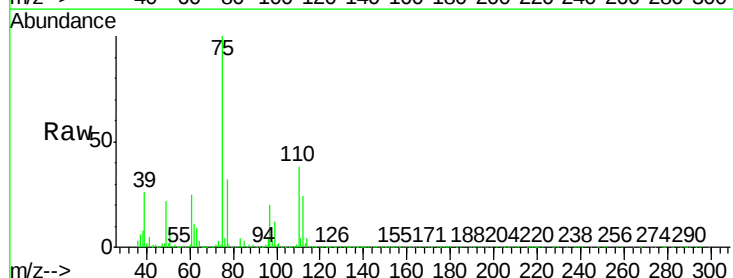
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#72
 1,2,3-Trichloropropane
 Concen: 17.010 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	42.5	0.0	68.4	





#73

Bromobenzene

Concen: 18.593 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

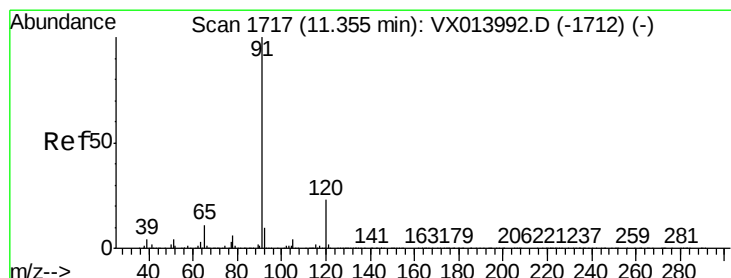
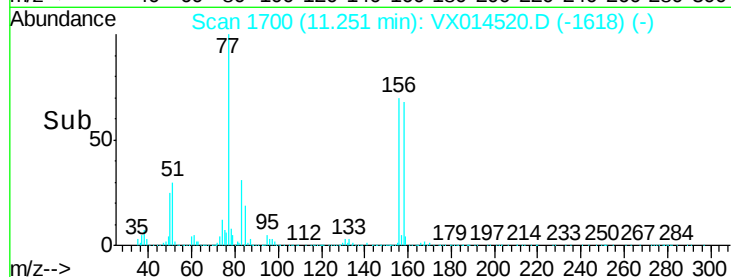
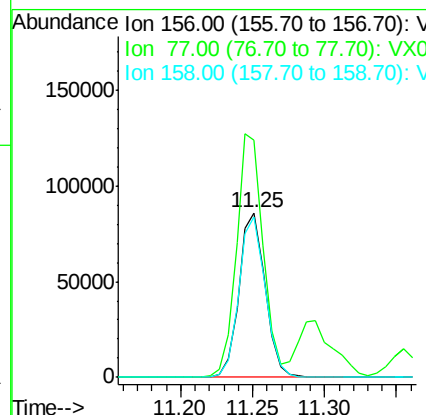
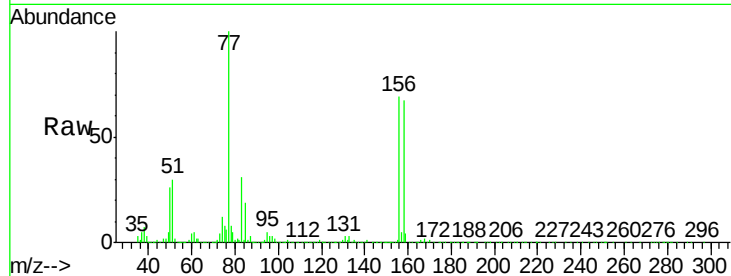
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	109166
Ion Ratio	Lower	Upper	
156	100		
77	149.8	0.0	304.6
158	98.2	0.0	195.2

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#74

n-propylbenzene

Concen: 18.939 ug/l

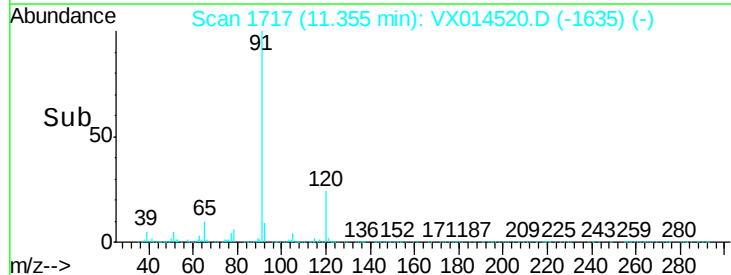
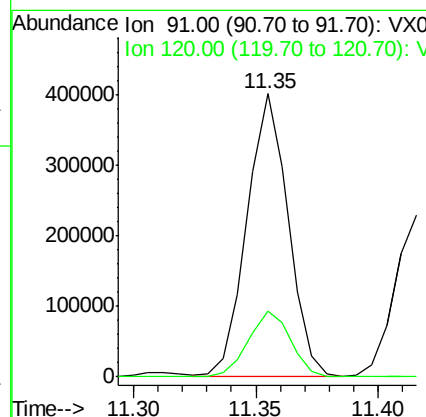
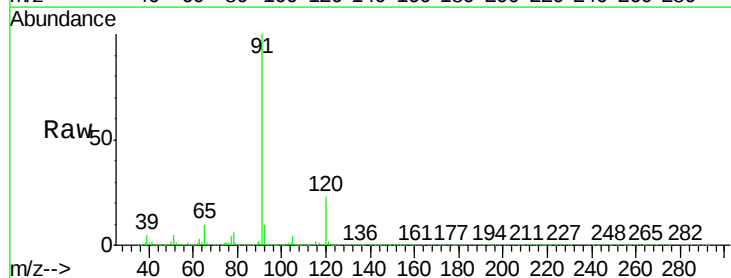
RT: 11.35 min Scan# 1717

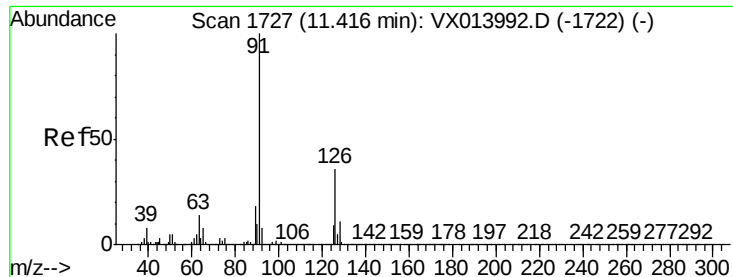
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	91	Resp:	472468
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	44.8





#75

2-Chlorotoluene

Concen: 18.981 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 286117

Ion Ratio Lower Upper

91 100

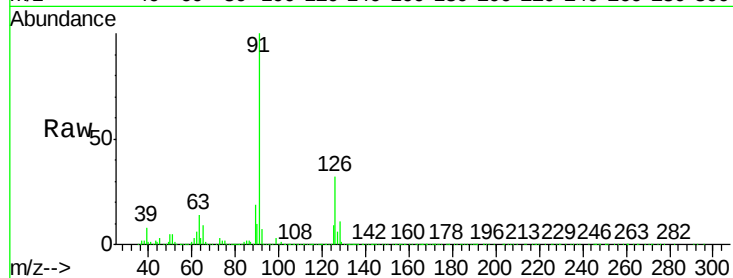
126 34.1 0.0 70.8

Manual Integrations

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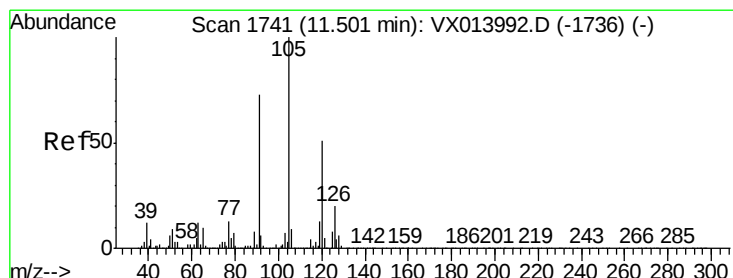
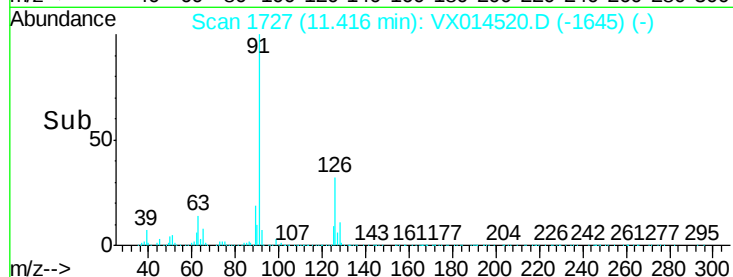
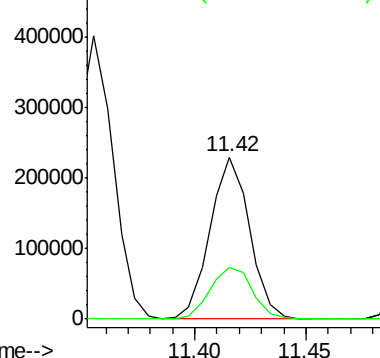
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.734 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014520.D

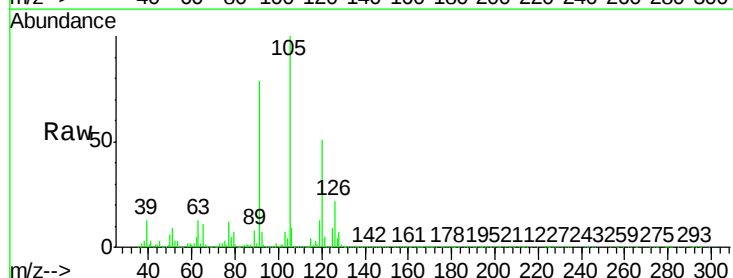
Acq: 10 Jan 2020 00:21

Tgt Ion: 105 Resp: 349545

Ion Ratio Lower Upper

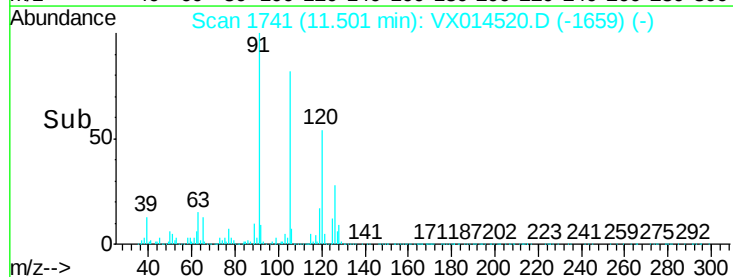
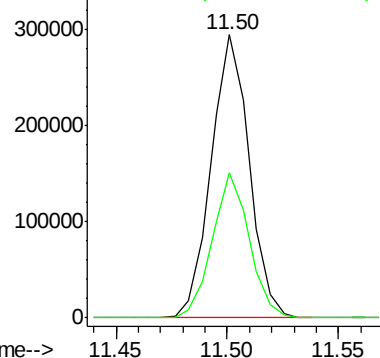
105 100

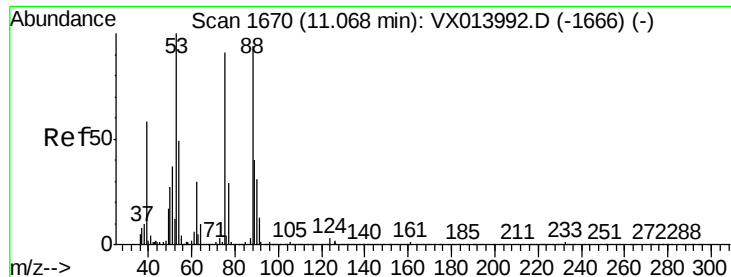
120 49.8 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.076 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

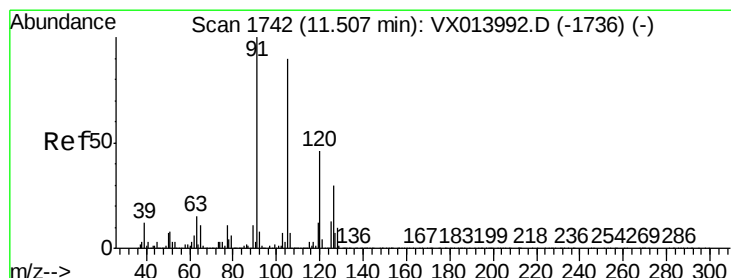
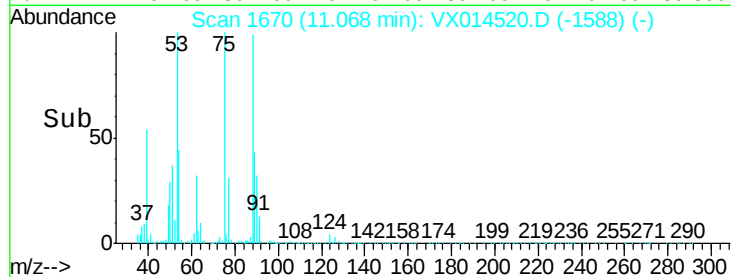
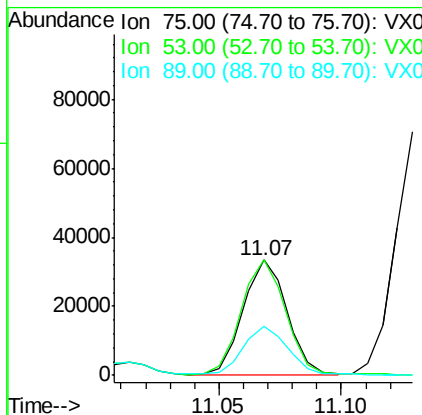
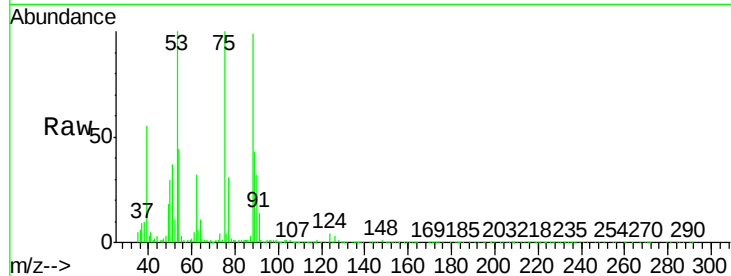
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	41444
Ion	Ratio	Lower	Upper
75	100		
53	99.6	54.4	163.1
89	42.2	21.9	65.5

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#78

4-Chlorotoluene

Concen: 18.911 ug/l

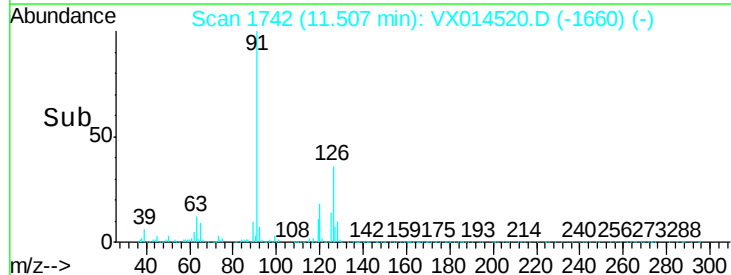
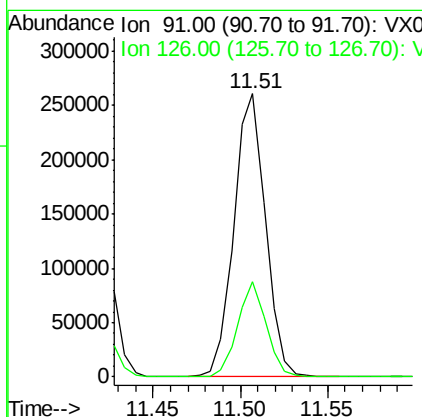
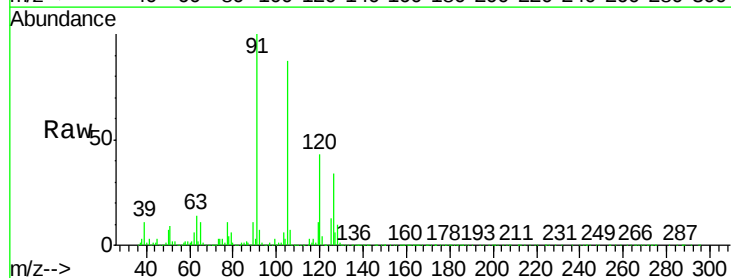
RT: 11.51 min Scan# 1742

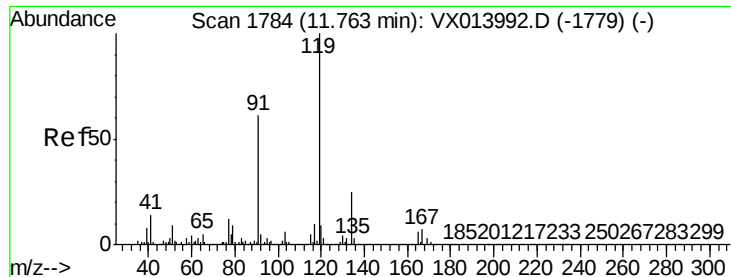
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	91	Resp:	325733
Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	59.6





#79

tert-butylbenzene

Concen: 16.420 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

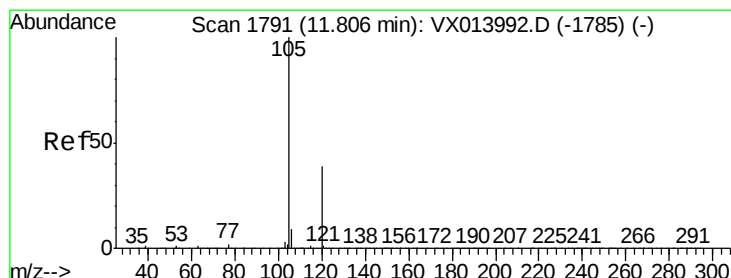
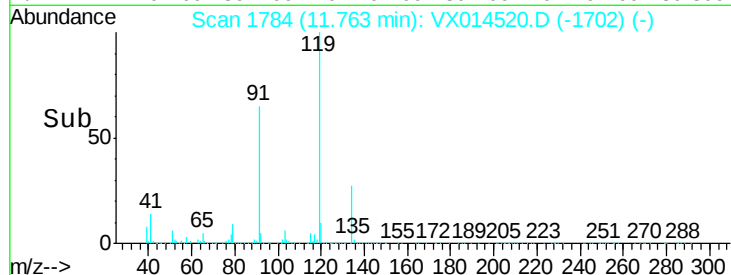
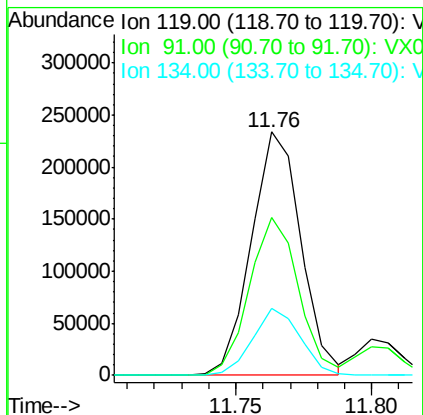
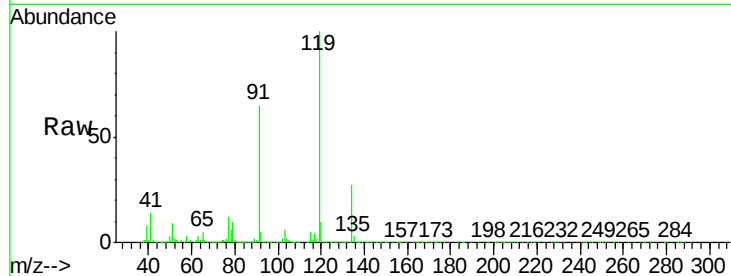
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	295306
Ion Ratio	Lower	Upper	
119	100		
91	64.0	0.0	112.6
134	26.2	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 18.436 ug/l

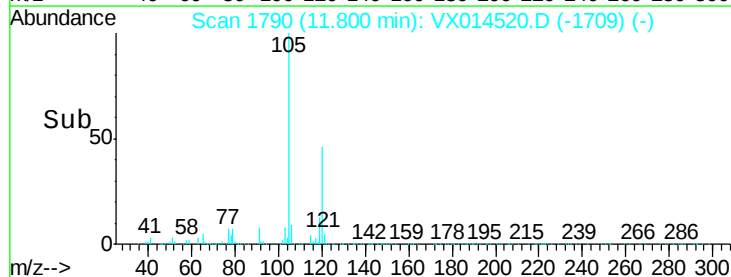
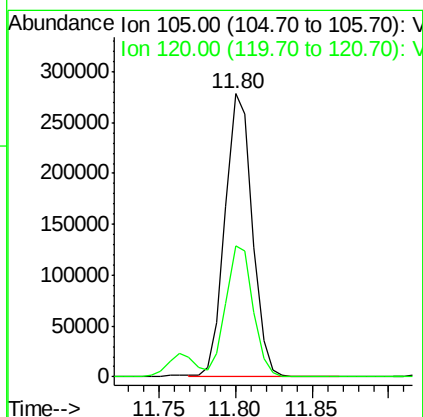
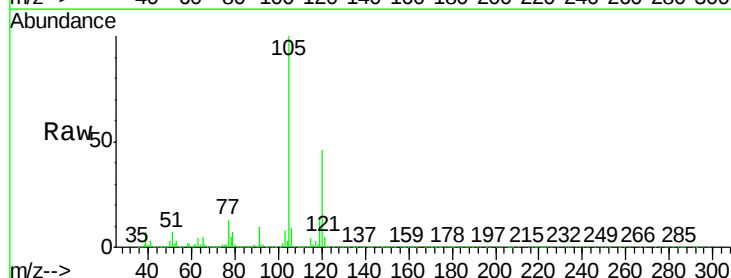
RT: 11.80 min Scan# 1790

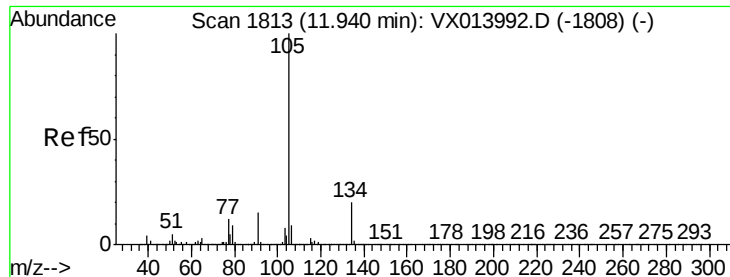
Delta R.T. -0.01 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	105	Resp:	343954
Ion Ratio	Lower	Upper	
105	100		
120	45.9	0.0	92.0





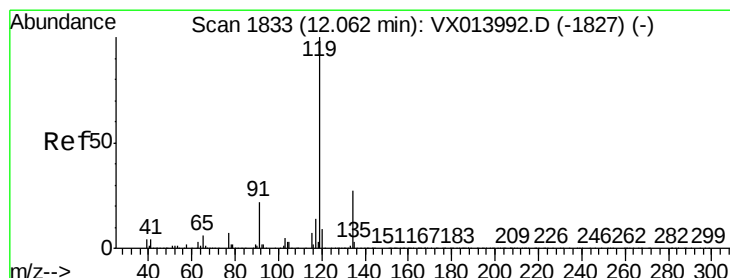
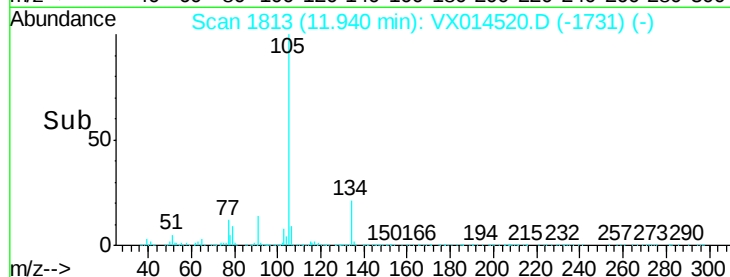
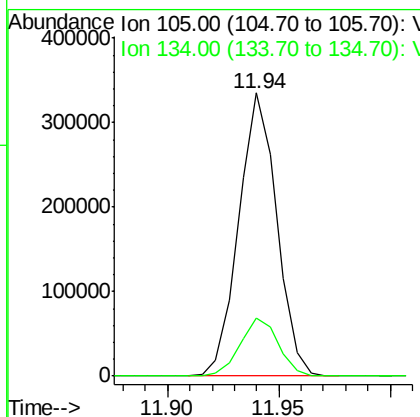
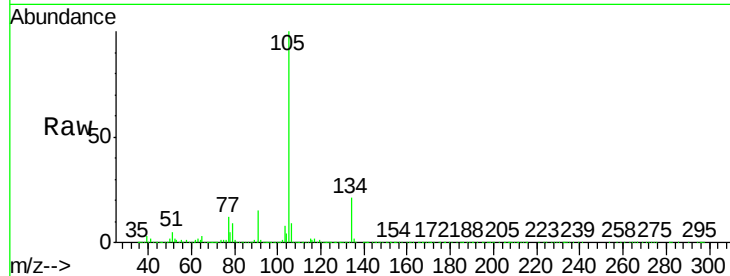
#81
 sec-Butylbenzene
 Concen: 18.682 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	399633		
134	20.7	0.0	40.2	

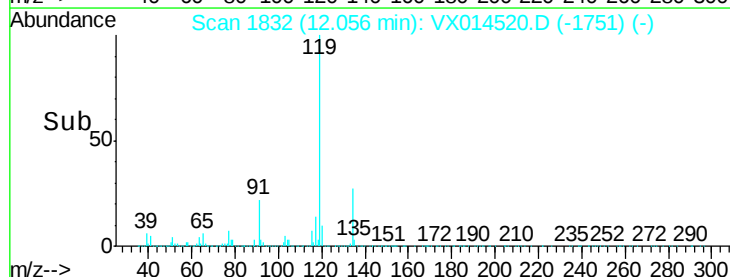
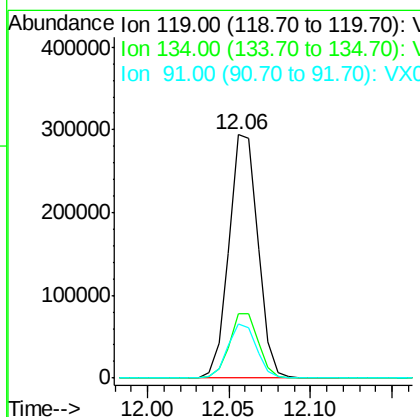
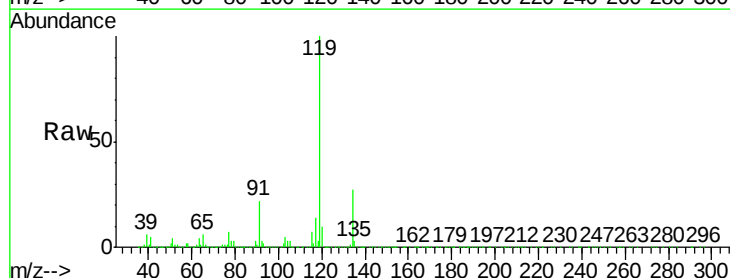
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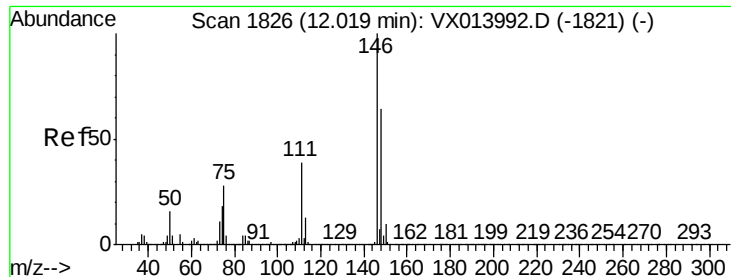
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#82
 p-Isopropyltoluene
 Concen: 18.821 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	363314		
134	26.3	0.0	53.8	
91	21.9	0.0	45.0	





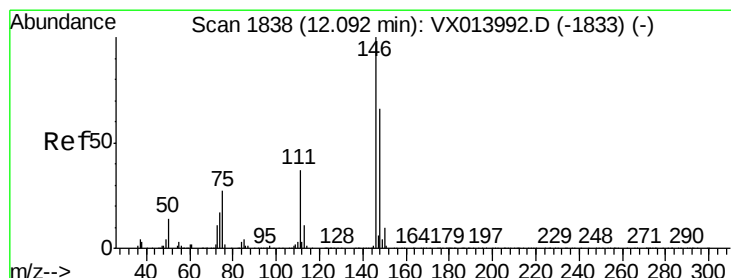
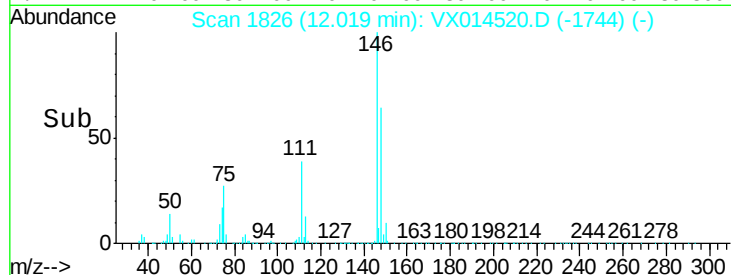
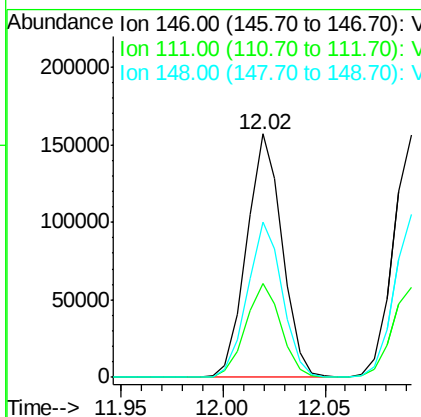
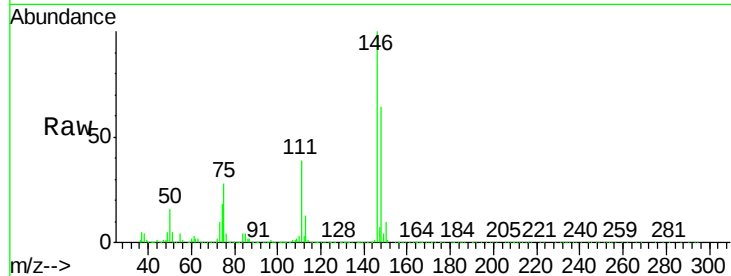
#83
 1,3-Dichlorobenzene
 Concen: 18.567 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	62.9	32.2	96.6

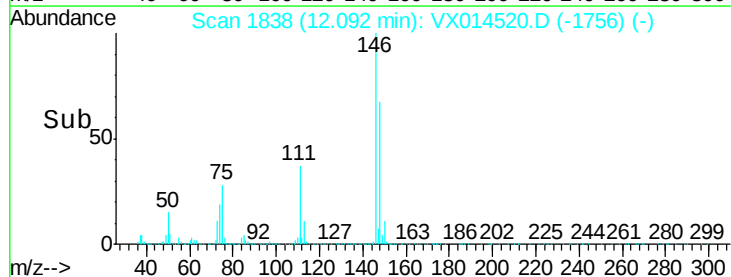
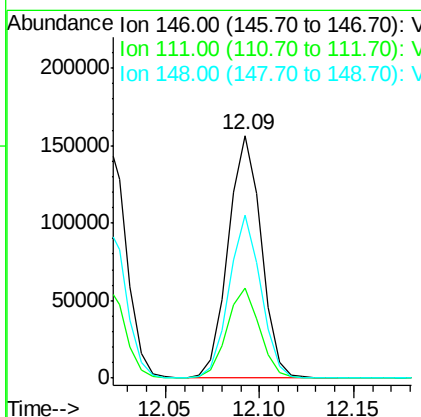
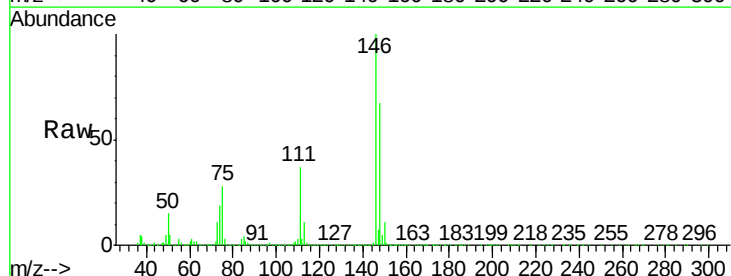
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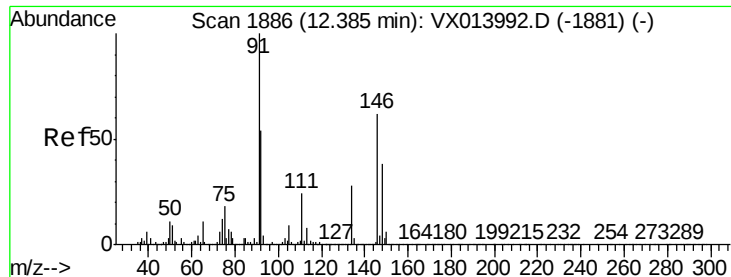
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#84
 1,4-Dichlorobenzene
 Concen: 18.590 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.4
148	64.7	32.0	96.0





#85

n-Butylbenzene

Concen: 18.735 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Instrument :

MSVOA_X

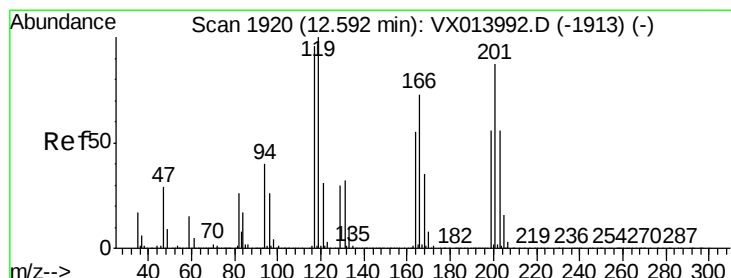
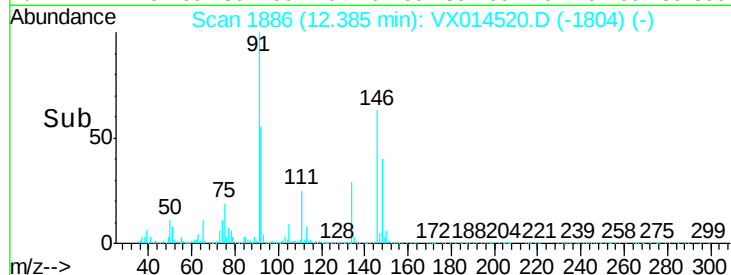
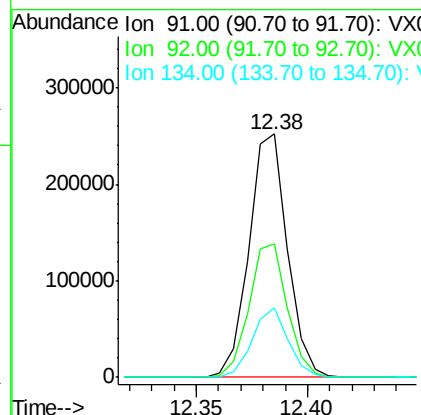
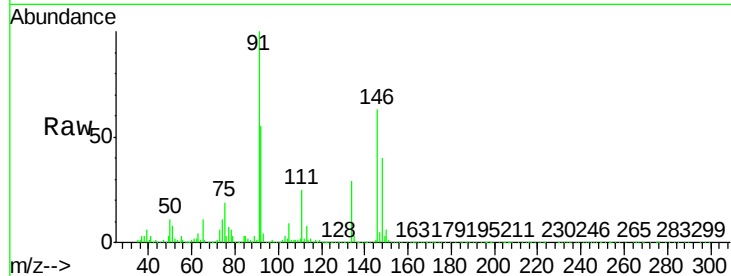
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	304082
Ion Ratio		Lower	Upper
91	100		
92	54.5	0.0	109.0
134	26.8	0.0	54.0

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#86

Hexachloroethane

Concen: 17.786 ug/l

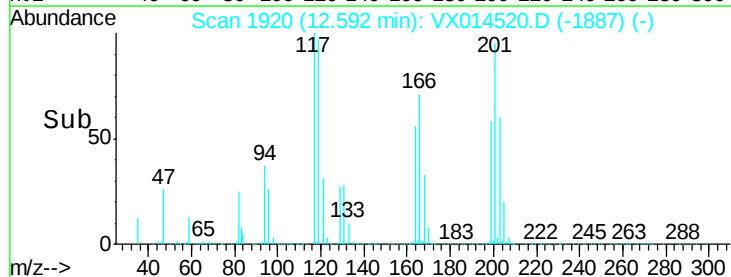
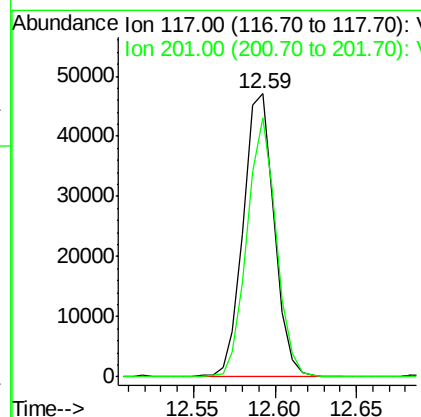
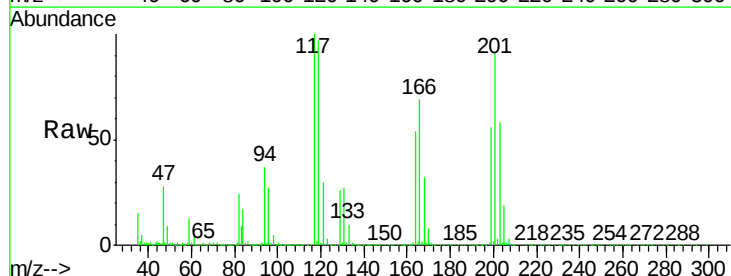
RT: 12.59 min Scan# 1920

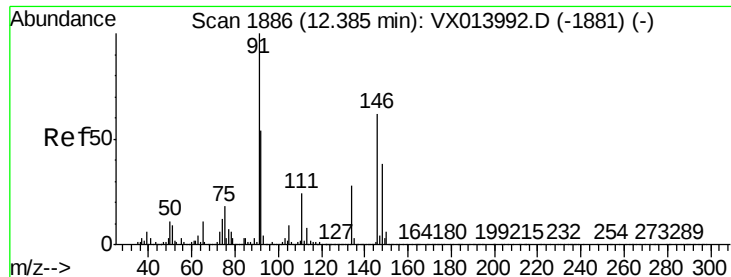
Delta R.T. -0.00 min

Lab File: VX014520.D

Acq: 10 Jan 2020 00:21

Tgt Ion:	117	Resp:	62284
Ion Ratio		Lower	Upper
117	100		
201	86.8	44.8	134.3





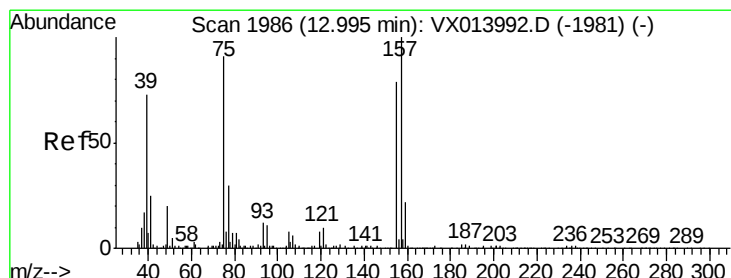
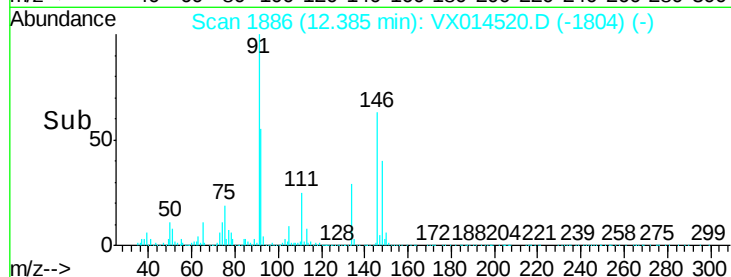
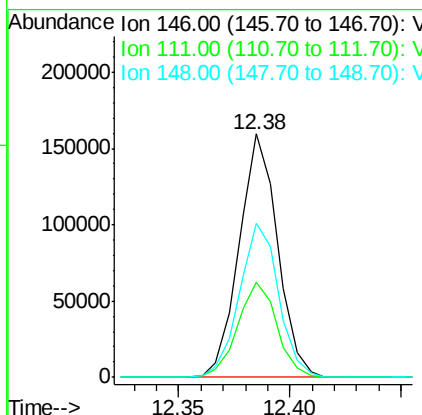
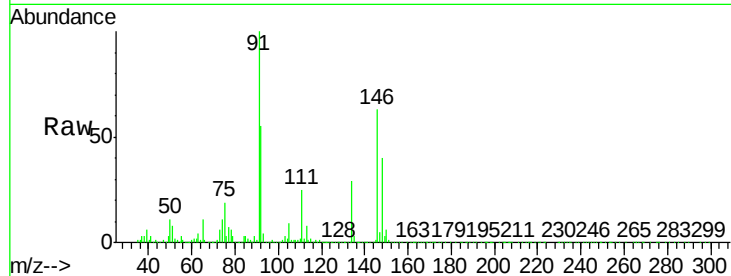
#87
 1,2-Dichlorobenzene
 Concen: 18.486 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	64.4	32.0	96.2

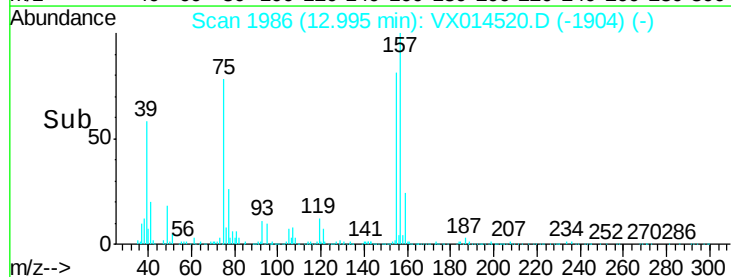
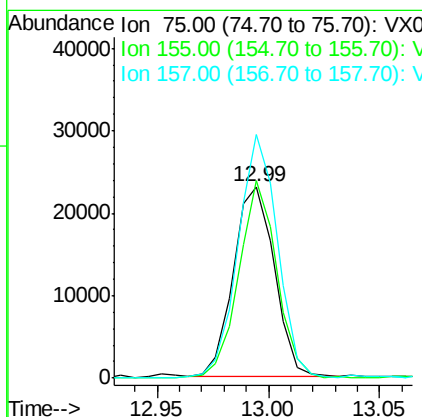
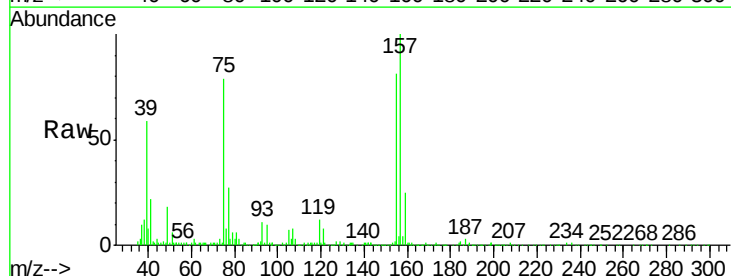
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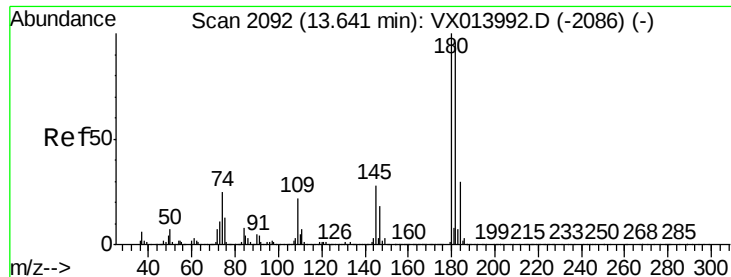
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.162 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	73.8	110.6
157	122.8	95.0	142.4





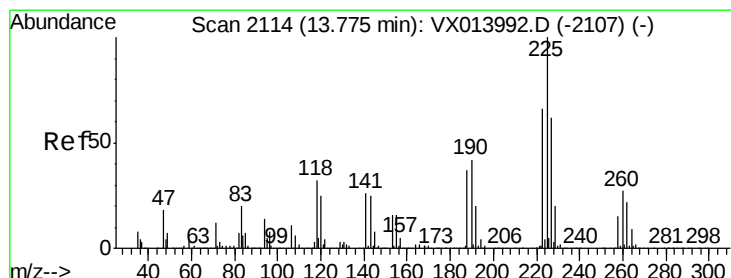
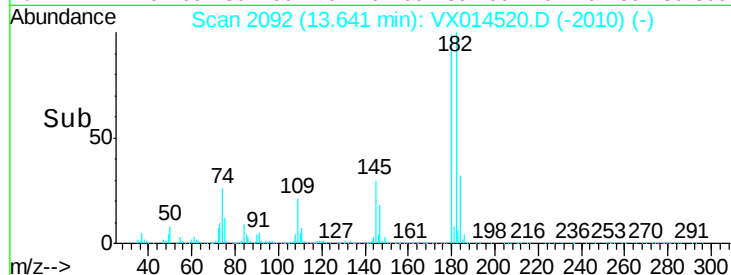
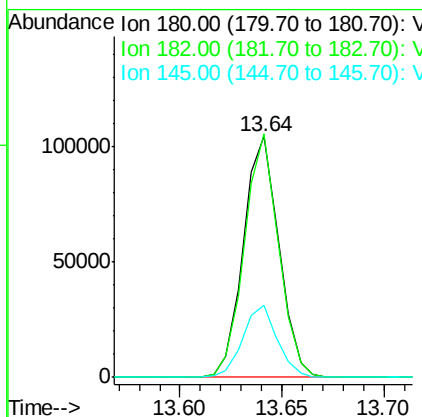
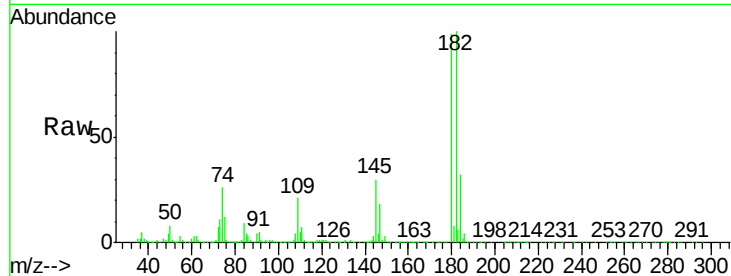
#89
 1,2,4-Trichlorobenzene
 Concen: 19.159 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127280		
182	96.6	76.4	114.6	
145	28.9	21.9	32.9	

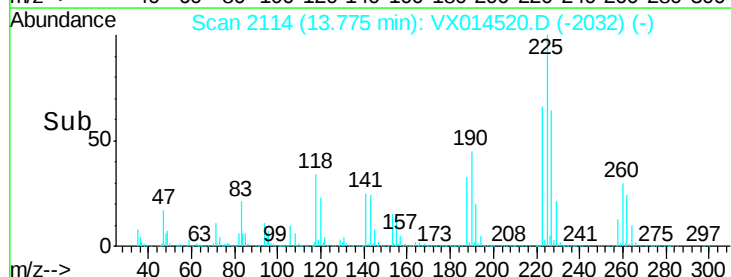
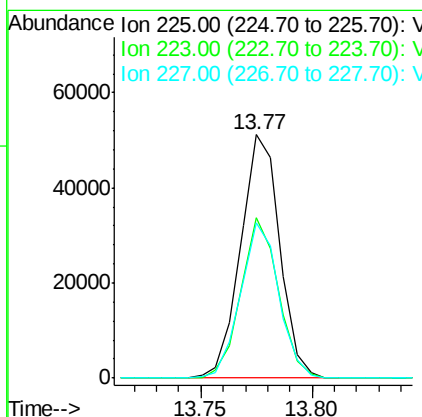
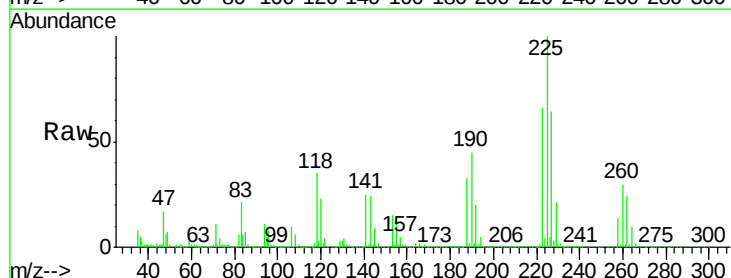
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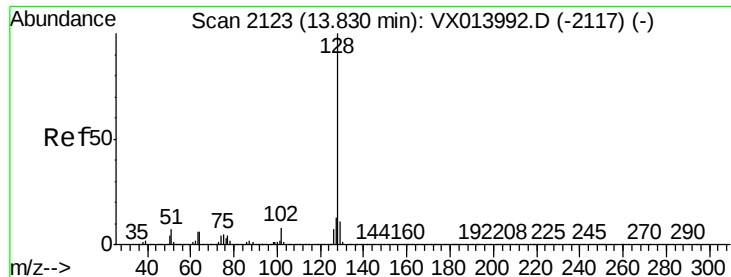
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#90
 Hexachlorobutadiene
 Concen: 19.923 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014520.D
 Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62914		
223	63.2	0.0	127.4	
227	62.1	0.0	122.8	





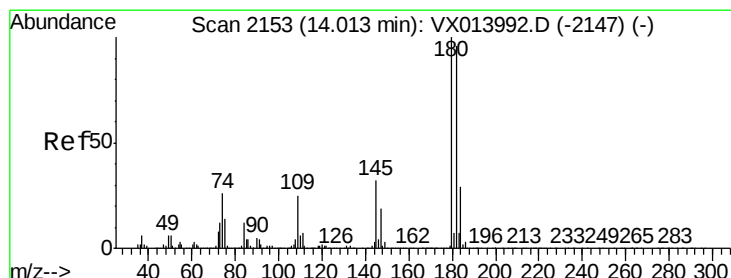
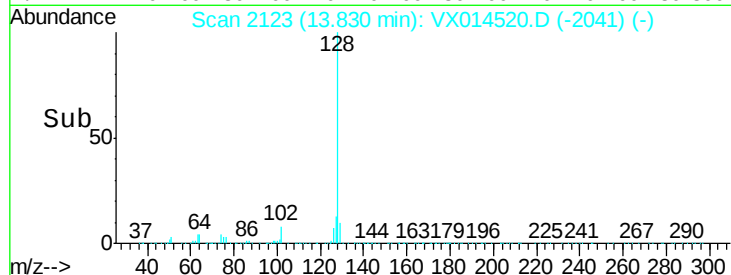
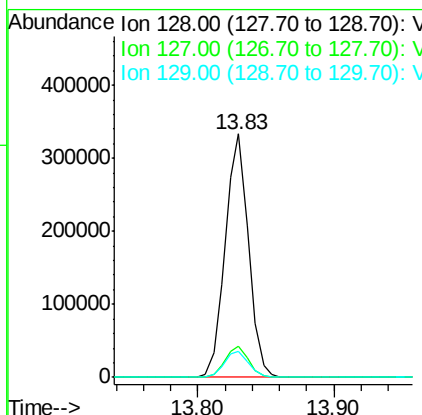
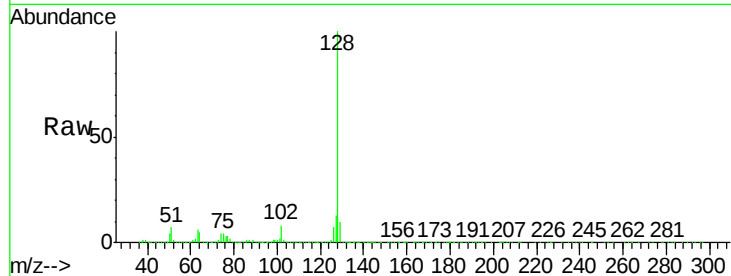
#91
Naphthalene
Concen: 19.786 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.2	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.785 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014520.D
Acq: 10 Jan 2020 00:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	192.8
145	30.7	0.0	60.0

