

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016035.D
 Acq On : 04 May 2020 14:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:28 AM

Quant Time: May 05 07:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	529586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	500305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251728	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	198672	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.74%		
35) Dibromofluoromethane	5.46	113	152908	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.14%		
50) Toluene-d8	8.70	98	598796	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.64%		
62) 4-Bromofluorobenzene	11.12	95	228500	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	162652	46.175	ug/l	99
3) Chloromethane	1.31	50	183789	44.927	ug/l	99
4) Vinyl Chloride	1.39	62	198780	45.545	ug/l	99
5) Bromomethane	1.62	94	108006	49.087	ug/l	97
6) Chloroethane	1.70	64	127476	48.004	ug/l	97
7) Trichlorofluoromethane	1.91	101	272668	47.587	ug/l	98
8) Diethyl Ether	2.17	74	114585	47.462	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	154578	46.760	ug/l	99
10) Methyl Iodide	2.49	142	207694	46.773	ug/l	100
11) Tert butyl alcohol	3.02	59	261651	236.279	ug/l	100
12) 1,1-Dichloroethene	2.36	96	158692	45.873	ug/l	97
13) Acrolein	2.27	56	160415	231.492	ug/l	100
14) Allyl chloride	2.71	41	291402	45.941	ug/l	98
15) Acrylonitrile	3.12	53	523246	227.769	ug/l	99
16) Acetone	2.42	43	450095	230.352	ug/l	100
17) Carbon Disulfide	2.55	76	488275	46.988	ug/l	99
18) Methyl Acetate	2.75	43	218938	45.571	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	562409	47.160	ug/l	99
20) Methylene Chloride	2.84	84	176425	43.799	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	173152	44.916	ug/l	98
22) Diisopropyl ether	3.82	45	554559	46.343	ug/l	98
23) Vinyl Acetate	3.79	43	2522258	239.580	ug/l	99
24) 1,1-Dichloroethane	3.67	63	311355	46.513	ug/l	99
25) 2-Butanone	4.64	43	740690	235.244	ug/l	100
26) 2,2-Dichloropropane	4.55	77	287482	47.026	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	195705	46.436	ug/l	100
28) Bromochloromethane	4.98	49	136802	44.819	ug/l	98
29) Tetrahydrofuran	5.09	42	486910	233.388	ug/l	99
30) Chloroform	5.18	83	312403	46.873	ug/l	97
31) Cyclohexane	5.55	56	284880	46.828	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	282311	46.599	ug/l	99
36) 1,1-Dichloropropene	5.77	75	240136	46.064	ug/l	100
37) Ethyl Acetate	4.80	43	283757	46.964	ug/l	99
38) Carbon Tetrachloride	5.76	117	251707	47.504	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	291975	46.508	ug/l	100
40) Benzene	6.12	78	706078	46.291	ug/l	100
41) Methacrylonitrile	5.01	41	154744	47.424	ug/l	99
42) 1,2-Dichloroethane	6.17	62	255070	46.421	ug/l	100
43) Isopropyl Acetate	6.42	43	456429	47.346	ug/l	100
44) Trichloroethene	7.19	130	237307	43.793	ug/l	98
45) 1,2-Dichloropropane	7.49	63	180240	46.700	ug/l	99
46) Dibromomethane	7.64	93	121707	46.403	ug/l	99
47) Bromodichloromethane	7.88	83	253987	47.547	ug/l	98
48) Methyl methacrylate	7.75	41	217209	47.550	ug/l	99
49) 1,4-Dioxane	7.71	88	102919	939.413	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1409750	238.969	ug/l	100
52) Toluene	8.77	92	448841	47.209	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	302728	47.531	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	315685	47.453	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176997	47.318	ug/l	100
56) Ethyl methacrylate	9.16	69	296407	48.545	ug/l	99
57) 1,3-Dichloropropane	9.35	76	305187	46.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	786266	241.884	ug/l	99
59) 2-Hexanone	9.48	43	1106704	238.881	ug/l	100
60) Dibromochloromethane	9.57	129	201360	48.877	ug/l	100
61) 1,2-Dibromoethane	9.65	107	193908	47.858	ug/l	100
64) Tetrachloroethene	9.32	164	275084	44.788	ug/l	96
65) Chlorobenzene	10.12	112	481059	45.921	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	180433	46.600	ug/l	100
67) Ethyl Benzene	10.24	91	858448	45.927	ug/l	100
68) m/p-Xylenes	10.34	106	660513	94.318	ug/l	100
69) o-Xylene	10.68	106	315885	46.926	ug/l	99
70) Styrene	10.70	104	538763	47.177	ug/l	100
71) Bromoform	10.84	173	151702	48.089	ug/l #	99
73) Isopropylbenzene	11.01	105	852249	46.547	ug/l	99
74) N-amyl acetate	10.88	43	395276	46.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	177388	45.034	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	256891m	44.972	ug/l	
77) Bromobenzene	11.24	156	212180	44.897	ug/l	98
78) n-propylbenzene	11.35	91	977493	45.892	ug/l	99
79) 2-Chlorotoluene	11.41	91	572140	45.506	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	713885	46.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	114418	47.733	ug/l	99
82) 4-Chlorotoluene	11.49	91	673897	45.390	ug/l	100
83) tert-Butylbenzene	11.76	119	618865	46.453	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	717029	45.878	ug/l	99
85) sec-Butylbenzene	11.93	105	824759	45.851	ug/l	100
86) p-Isopropyltoluene	12.05	119	769776	46.092	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	374372	44.119	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	376555	43.721	ug/l	98
89) n-Butylbenzene	12.37	91	696645	45.660	ug/l	99
90) Hexachloroethane	12.58	117	133735	46.627	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	364577	44.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65985	43.829	ug/l	97

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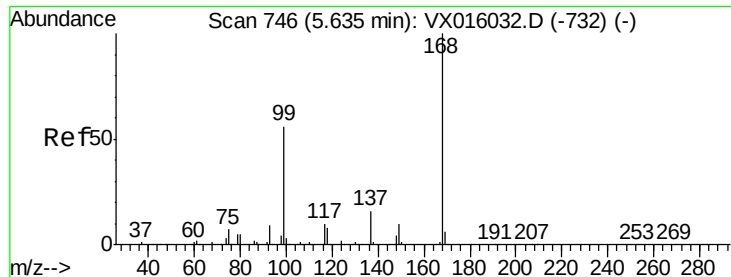
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	271485	44.879	ug/l	98
94) Hexachlorobutadiene	13.77	225	124956	47.992	ug/l	98
95) Naphthalene	13.82	128	877364	44.792	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	263103	44.503	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion:168 Resp: 332790

Ion Ratio Lower Upper

168 100

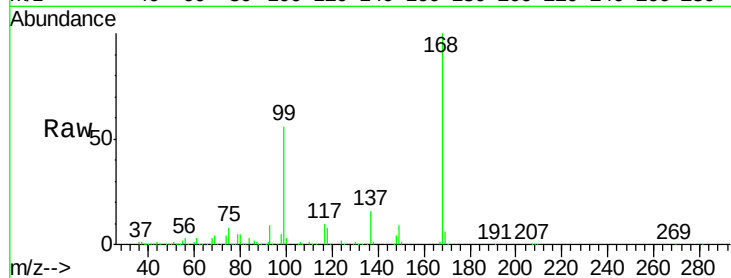
99 56.1 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

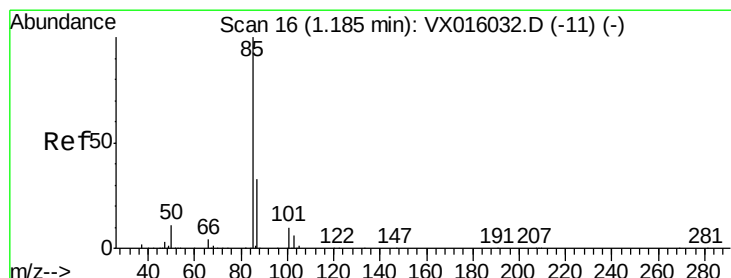
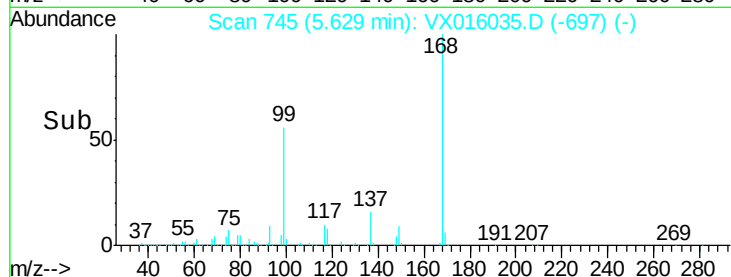
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.175 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016035.D

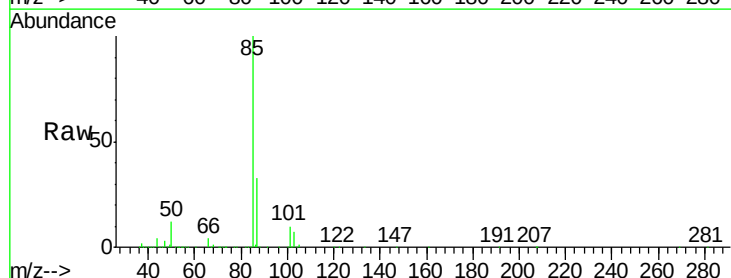
Acq: 04 May 2020 14:39

Tgt Ion: 85 Resp: 162652

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

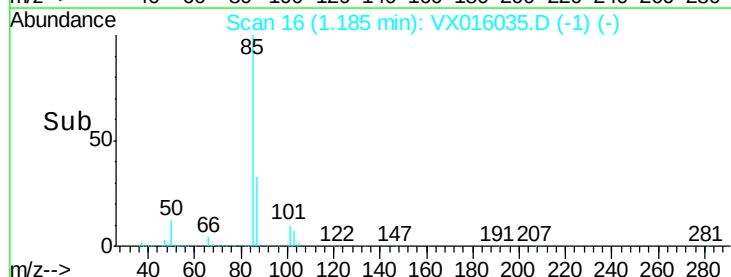
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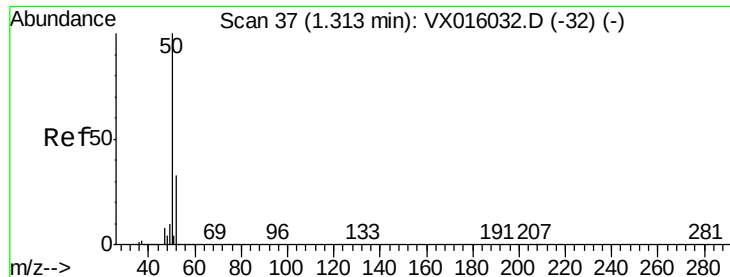
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50000

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Time-->





#3

Chloromethane

Concen: 44.927 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 50 Resp: 183789

Ion Ratio Lower Upper

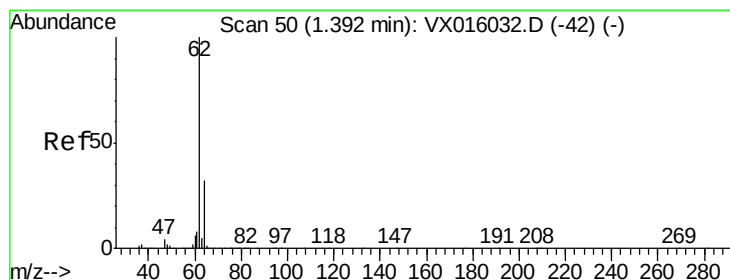
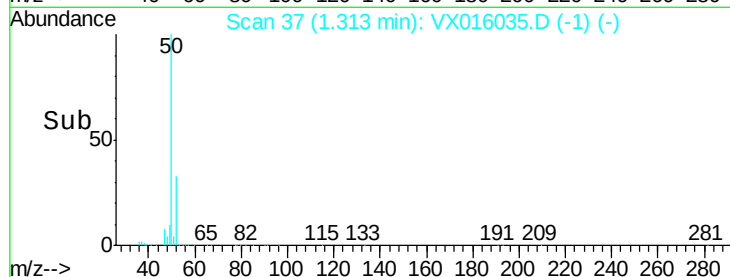
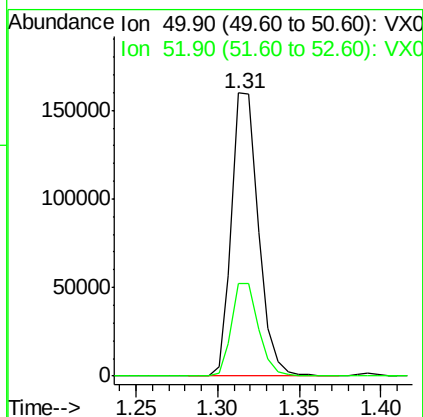
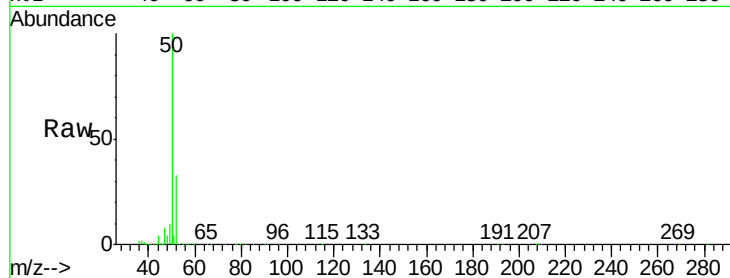
50 100

52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 45.545 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016035.D

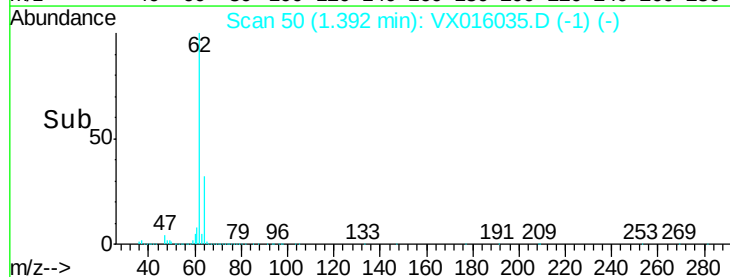
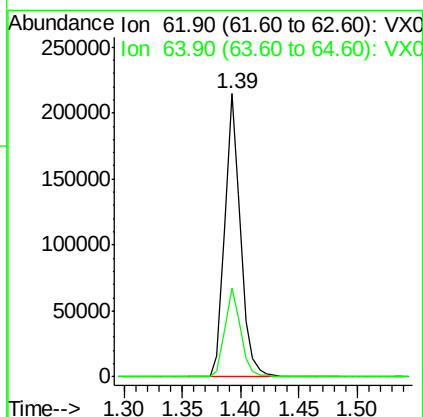
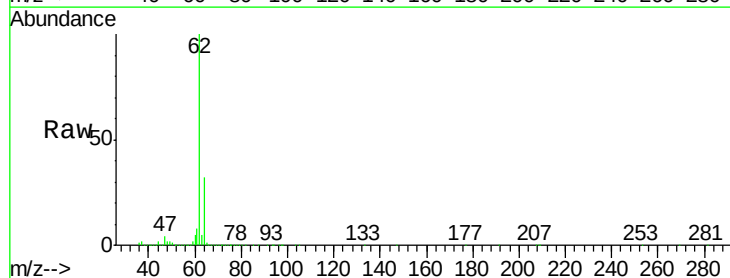
Acq: 04 May 2020 14:39

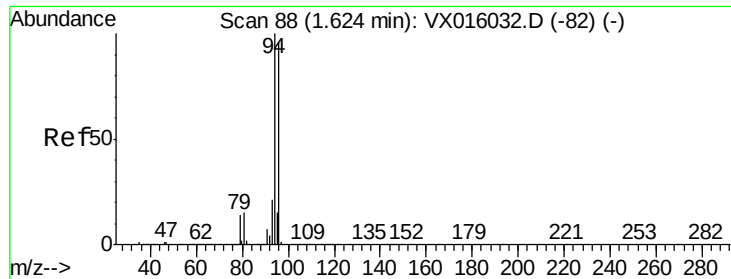
Tgt Ion: 62 Resp: 198780

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 49.087 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 94 Resp: 108006

Ion Ratio Lower Upper

94 100

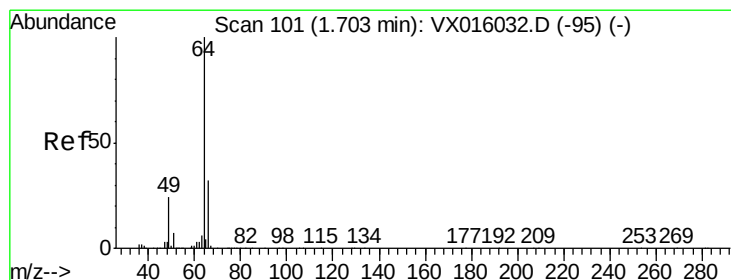
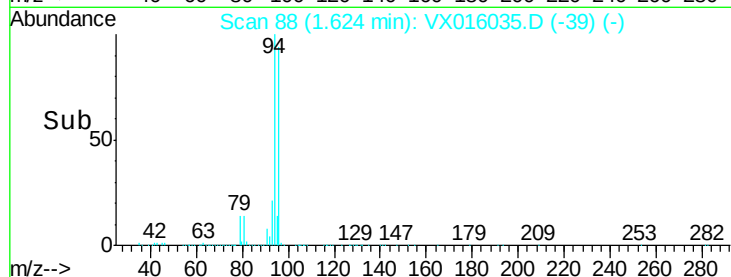
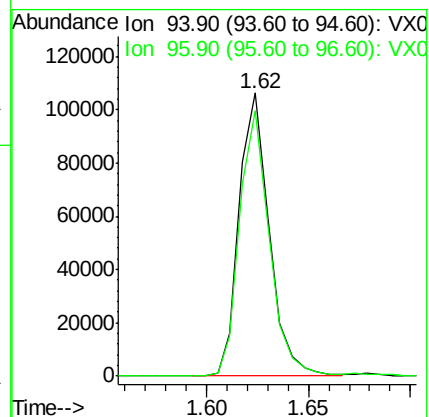
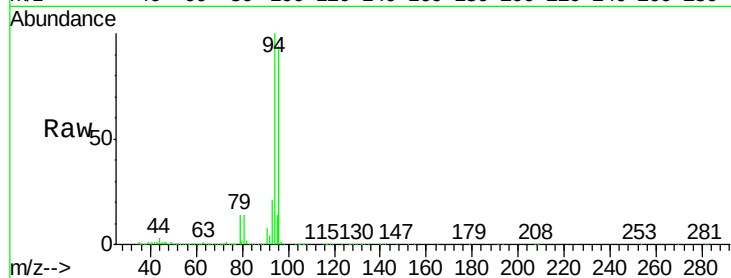
96 93.5 76.9 115.3

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#6

Chloroethane

Concen: 48.004 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016035.D

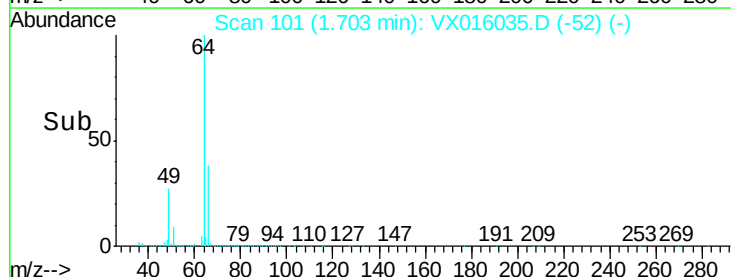
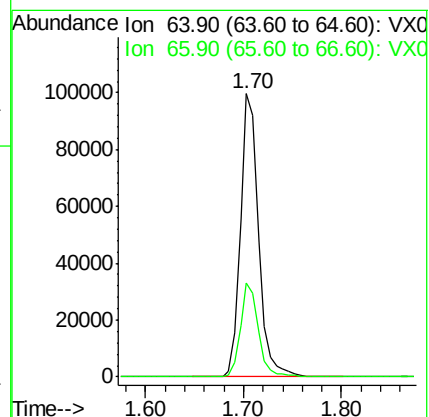
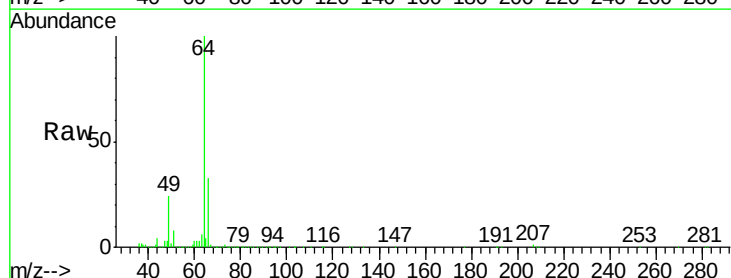
Acq: 04 May 2020 14:39

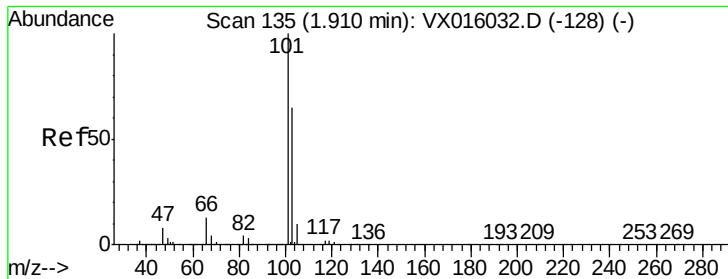
Tgt Ion: 64 Resp: 127476

Ion Ratio Lower Upper

64 100

66 33.0 25.2 37.8





#7

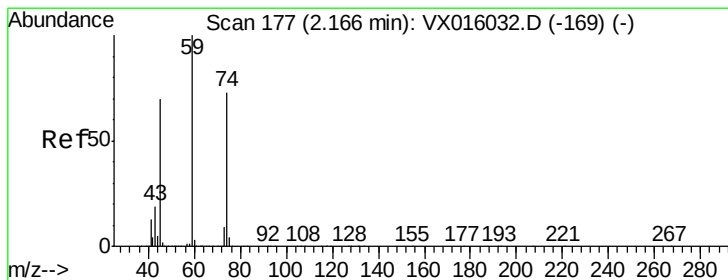
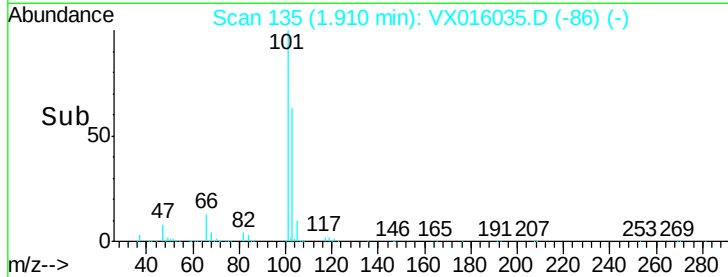
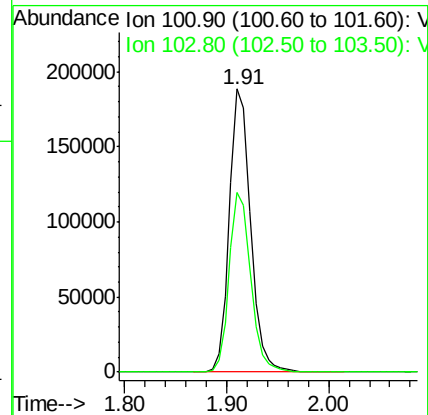
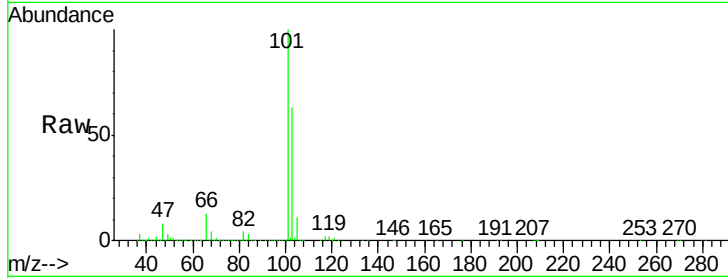
Trichlorofluoromethane
Concen: 47.587 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016035.D
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ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.6

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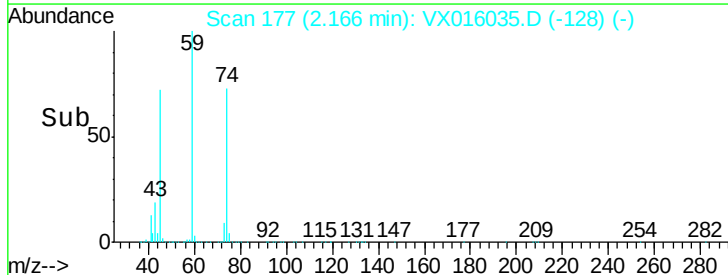
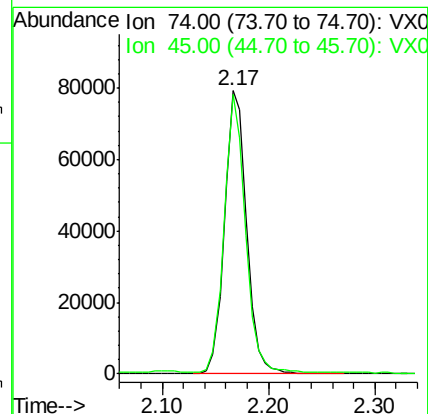
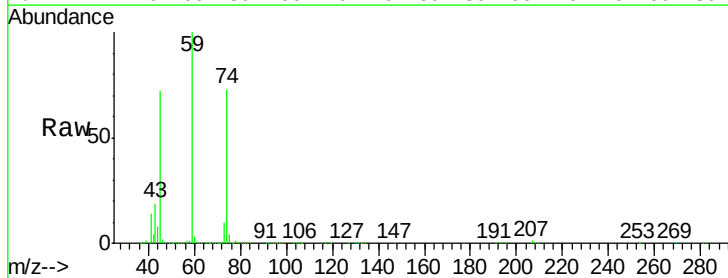
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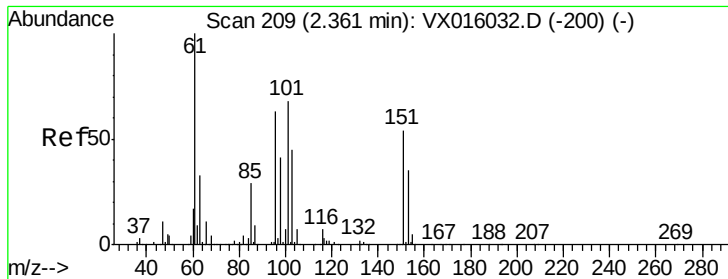


#8

Diethyl Ether
Concen: 47.462 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.760 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

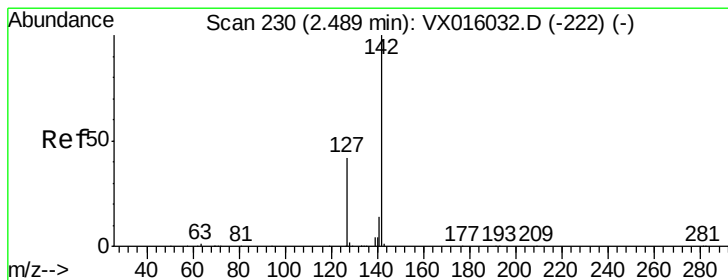
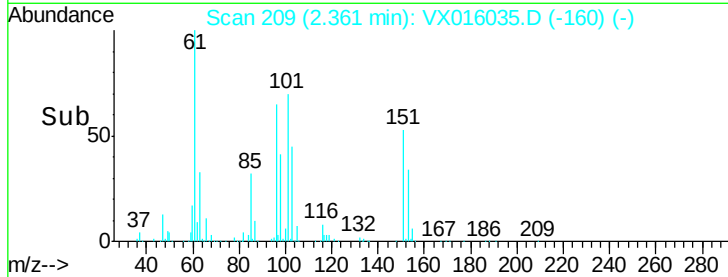
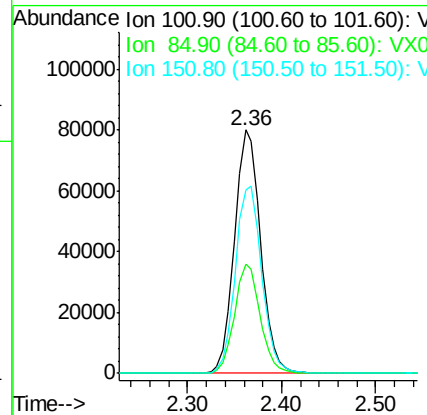
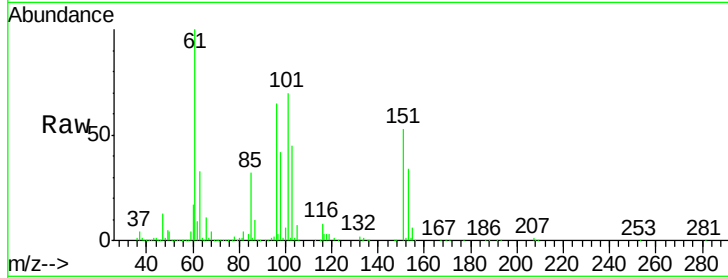
ClientSampled :

ICVVX050420

Tot Ion:	101	Resp:	154578
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.2	51.4
151	77.9	62.1	93.1

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#10

Methyl Iodide

Concen: 46.773 ug/l

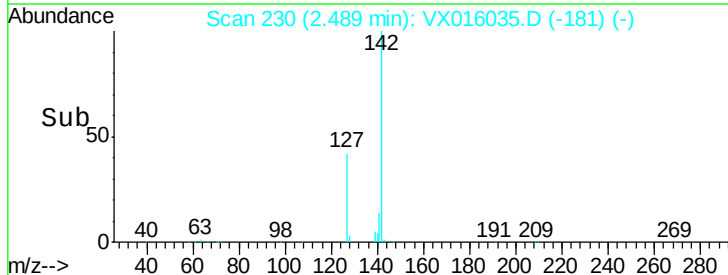
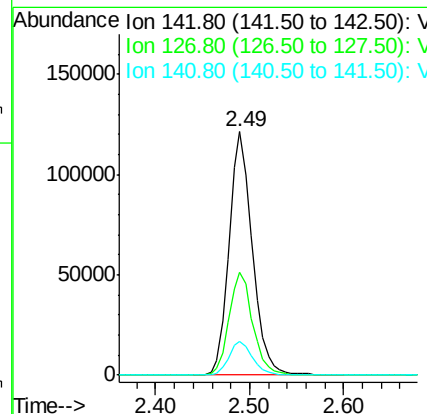
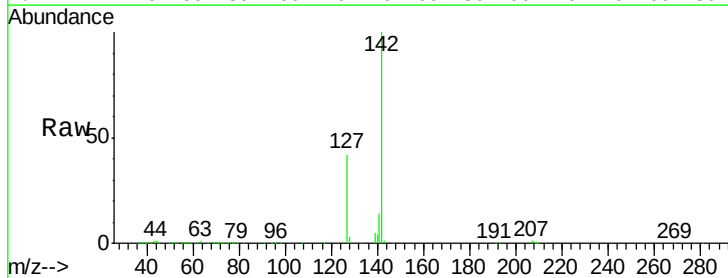
RT: 2.49 min Scan# 230

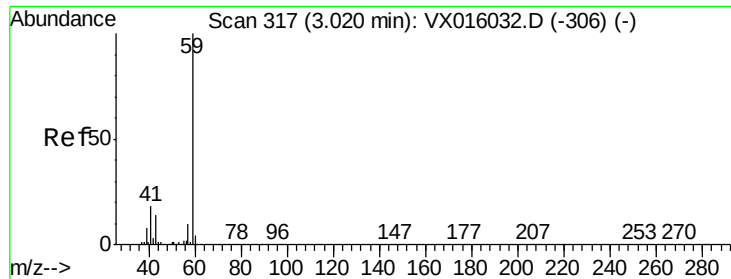
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	142	Resp:	207694
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.1	11.3	16.9





#11

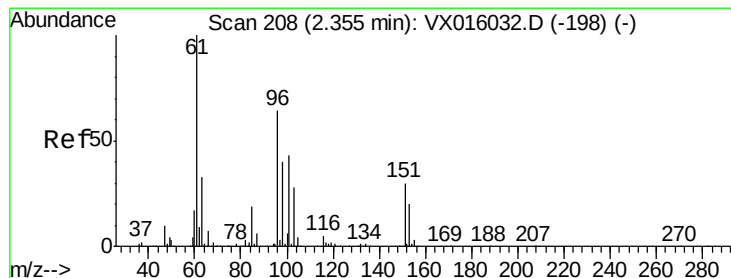
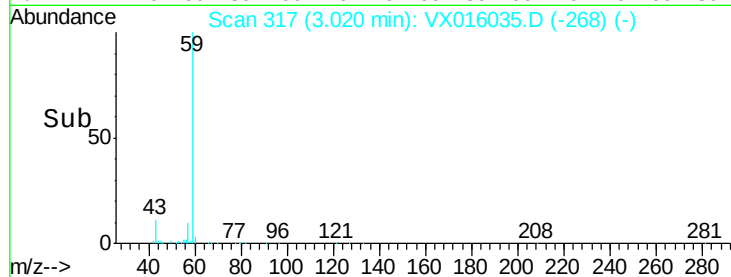
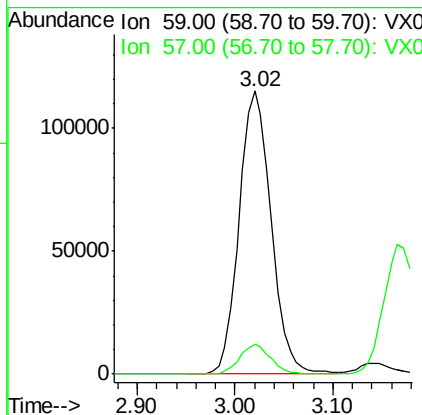
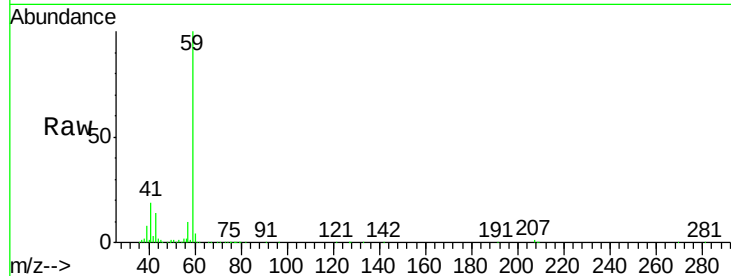
Tert butyl alcohol
 Concen: 236.279 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX050420

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
 APPROVED

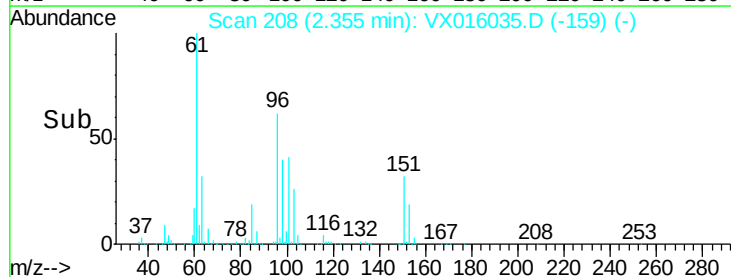
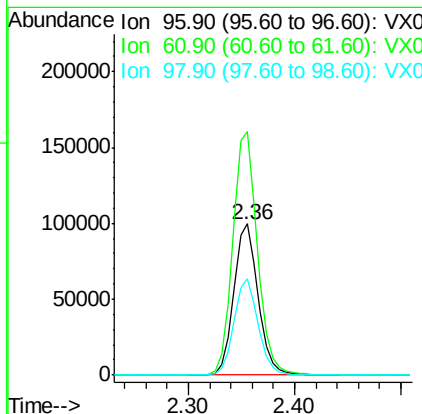
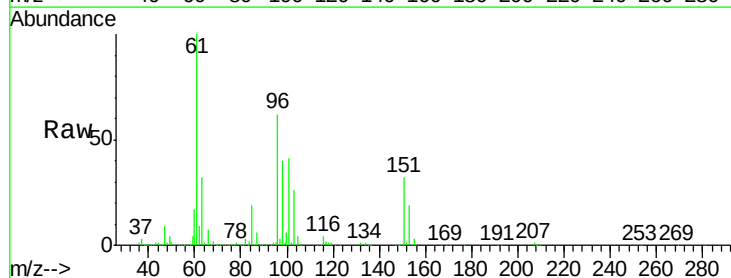
MMDadoda
 5/5/2020 11:35:28 AM

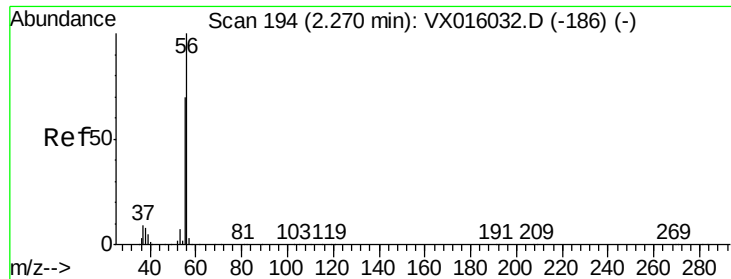


#12

1,1-Dichloroethene
 Concen: 45.873 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	124.8	187.2
98	63.7	49.7	74.5





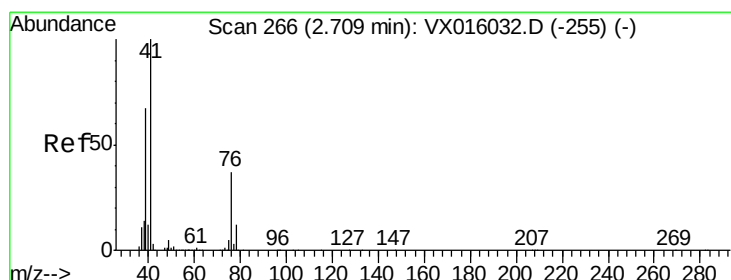
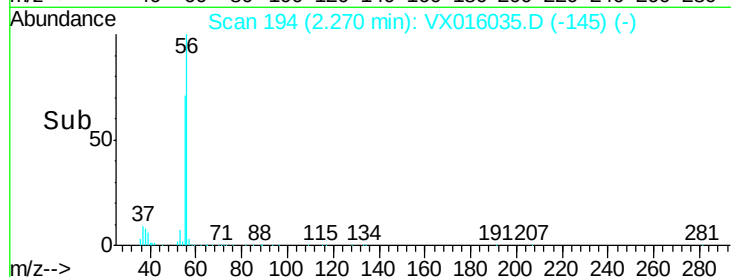
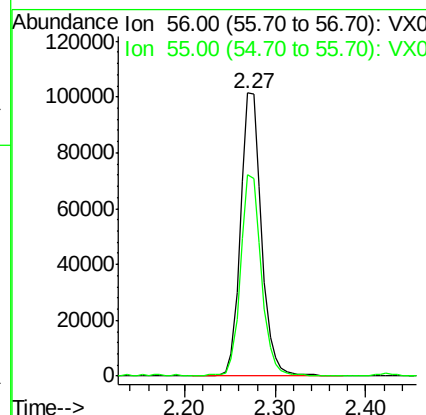
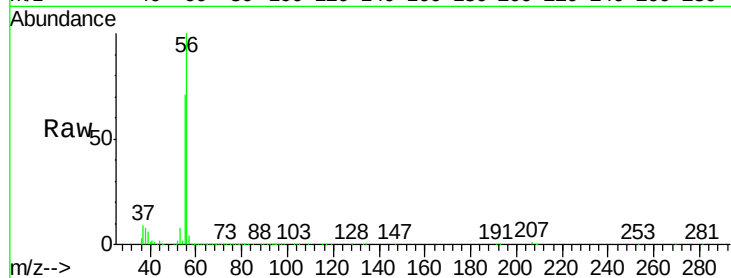
#13
Acrolein
Concen: 231.492 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.5	56.5	84.7	

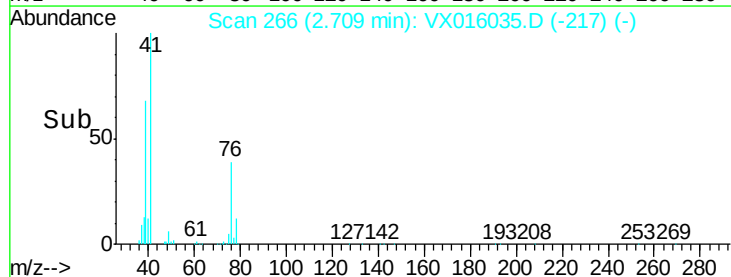
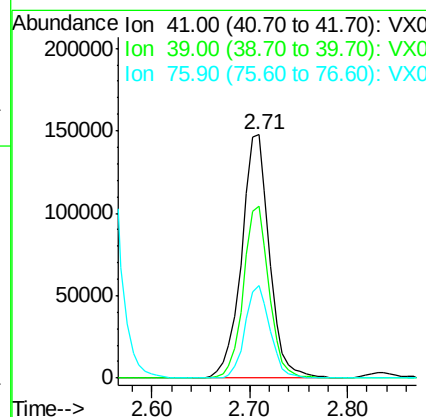
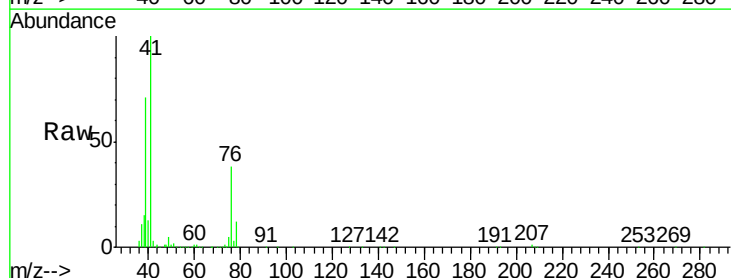
Manual Integrations
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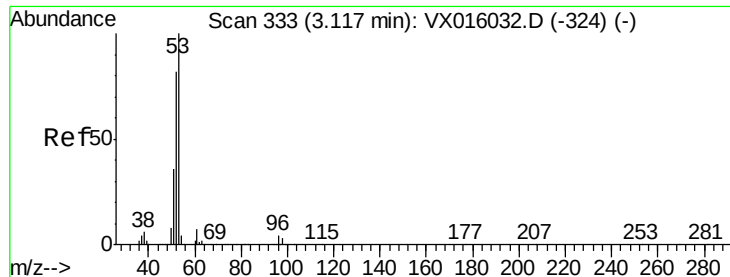
MMDadoda
5/5/2020 11:35:28 AM



#14
Allyl chloride
Concen: 45.941 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	65.0	50.5	75.7	
76	34.0	26.6	40.0	





#15

Acrylonitrile

Concen: 227.769 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

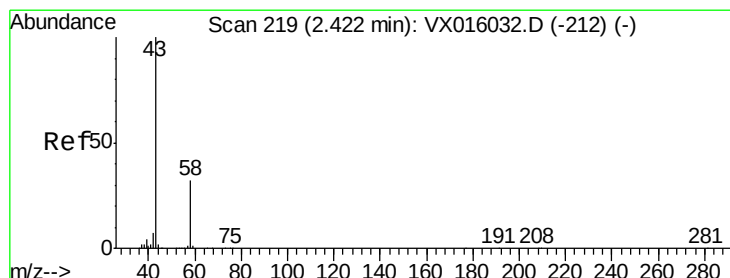
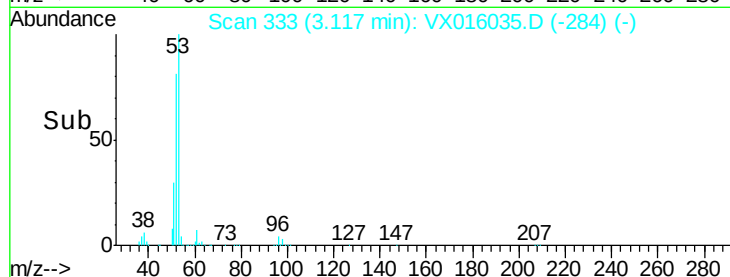
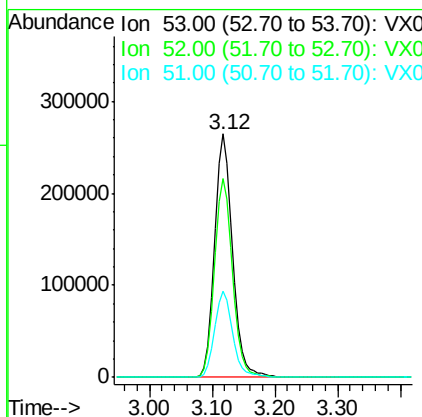
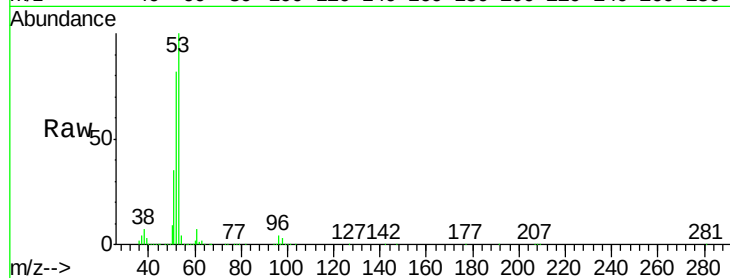
ClientSampled :

ICVVX050420

Tot Ion:	53	Resp:	523246
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.8	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 230.352 ug/l

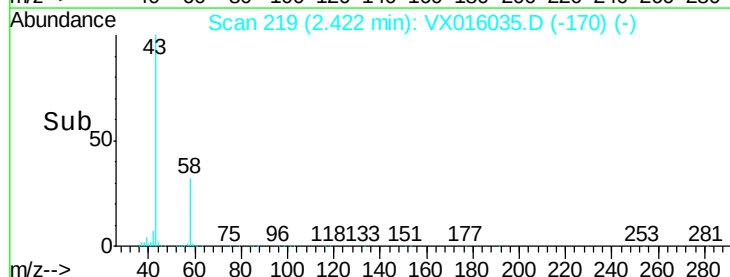
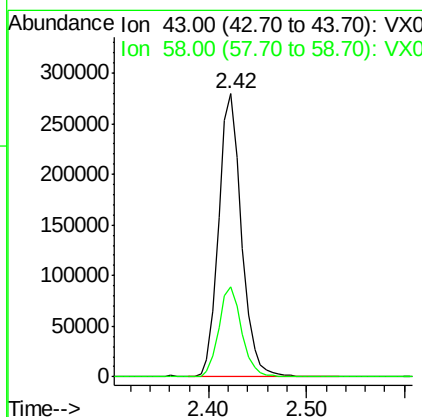
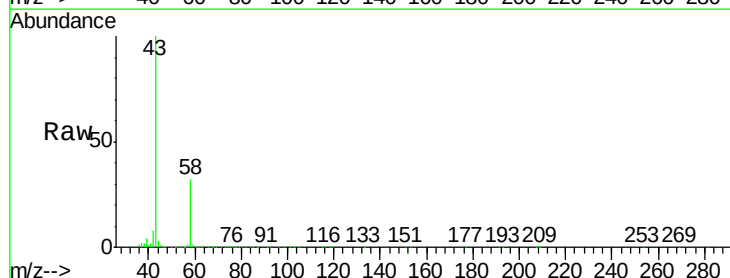
RT: 2.42 min Scan# 219

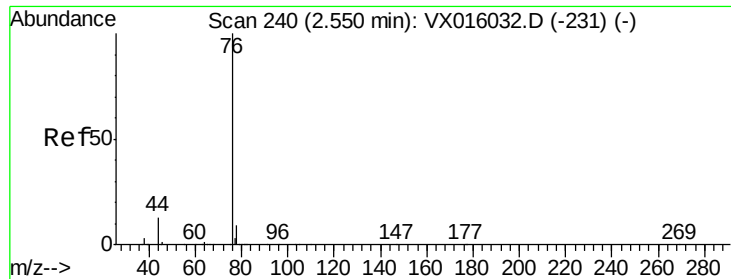
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	43	Resp:	450095
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.4	38.0





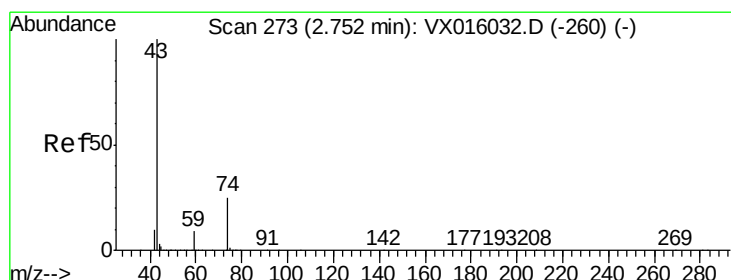
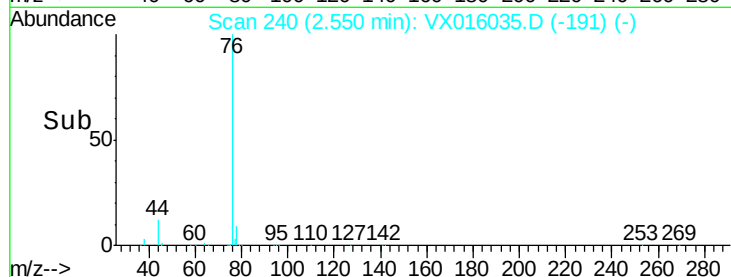
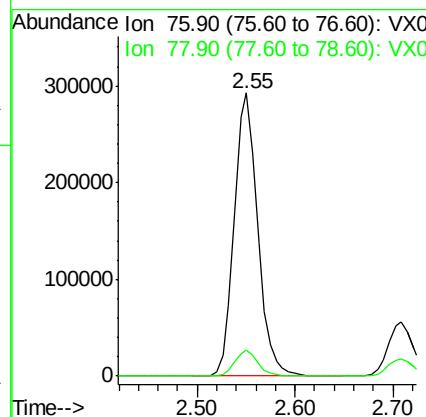
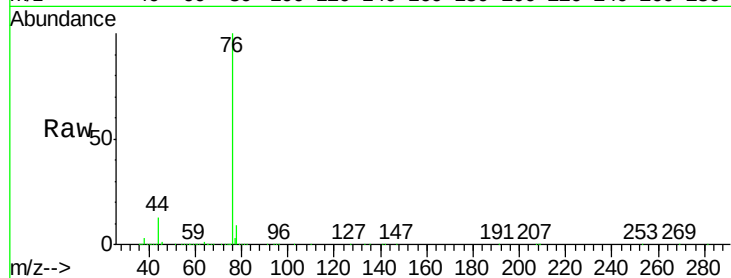
#17
Carbon Disulfide
Concen: 46.988 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

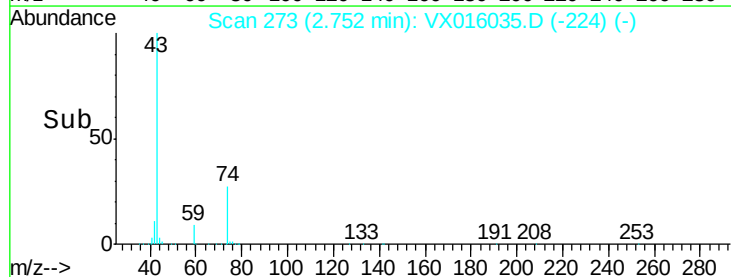
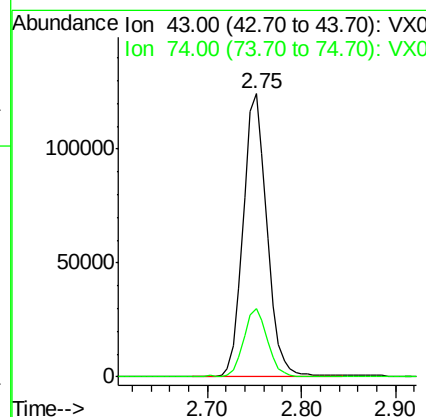
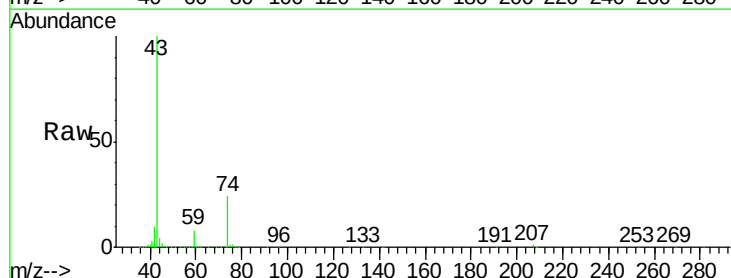
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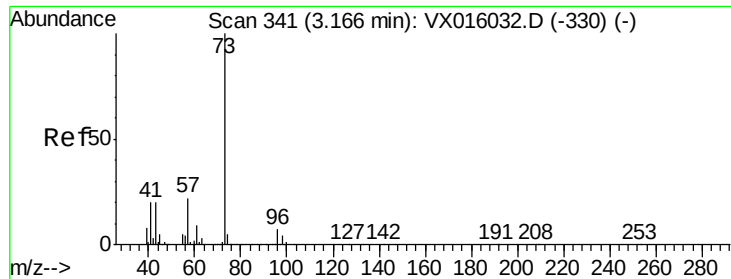
MMDadoda
5/5/2020 11:35:28 AM



#18
Methyl Acetate
Concen: 45.571 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	20.2	30.2





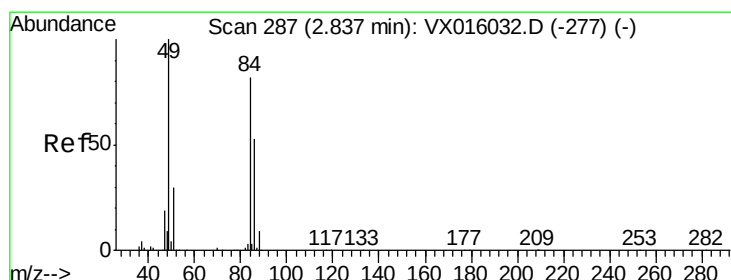
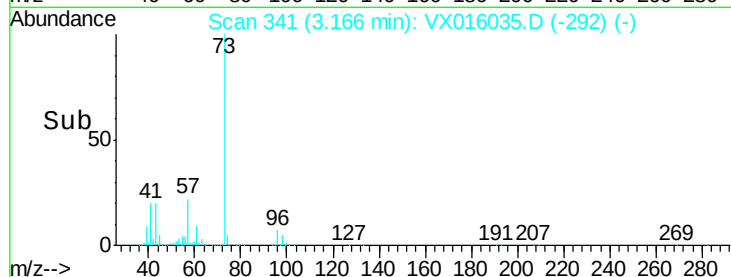
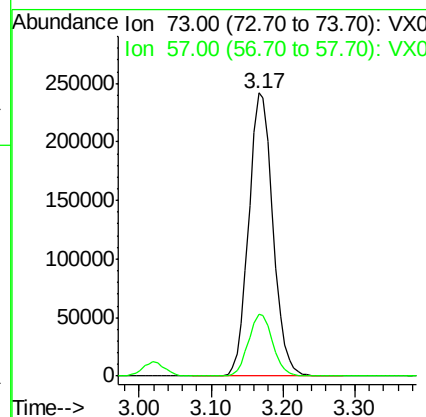
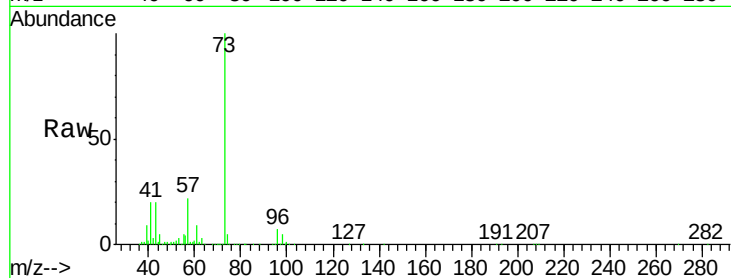
#19
Methyl tert-butyl Ether
Concen: 47.160 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.6

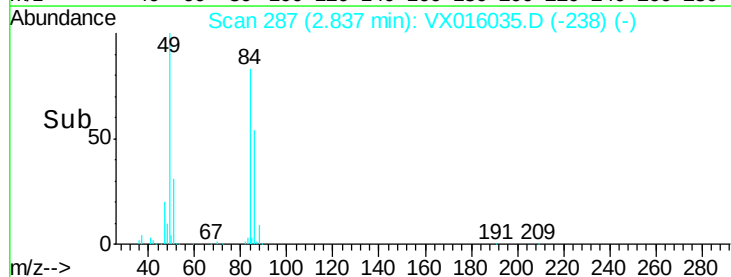
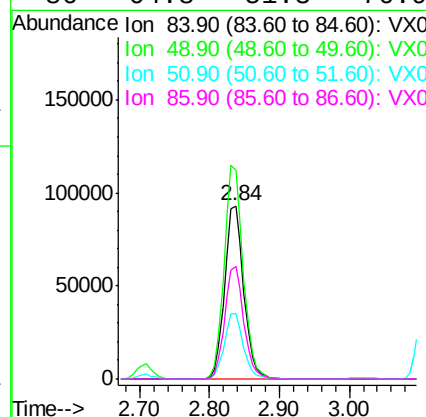
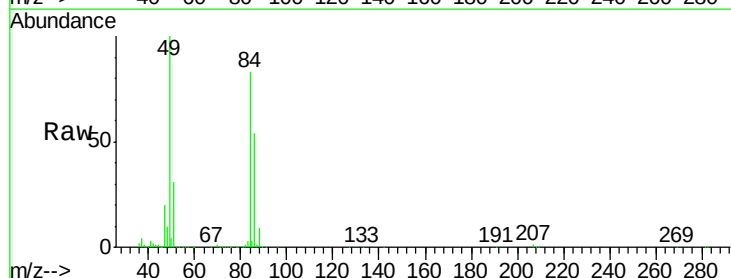
Manual Integrations
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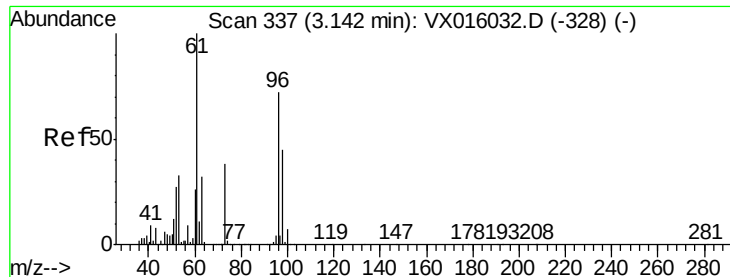
MMDadoda
5/5/2020 11:35:28 AM



#20
Methylene Chloride
Concen: 43.799 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	97.3	145.9
51	37.3	29.3	43.9
86	64.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 44.916 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 96 Resp: 173152

Ion Ratio Lower Upper

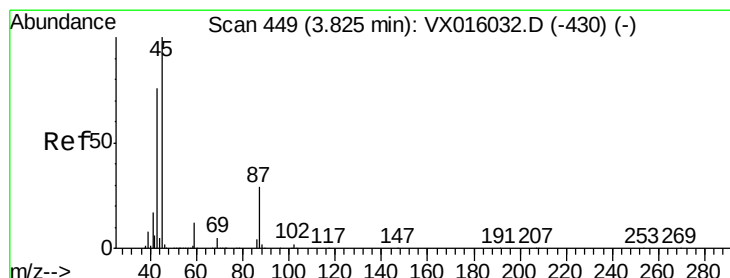
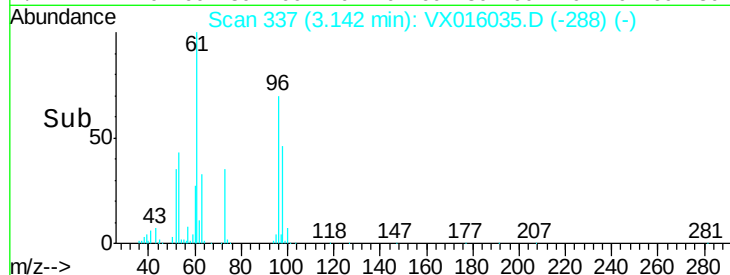
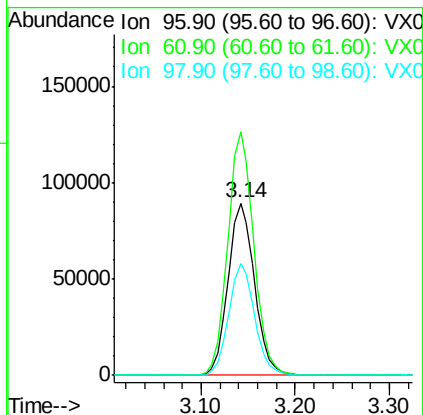
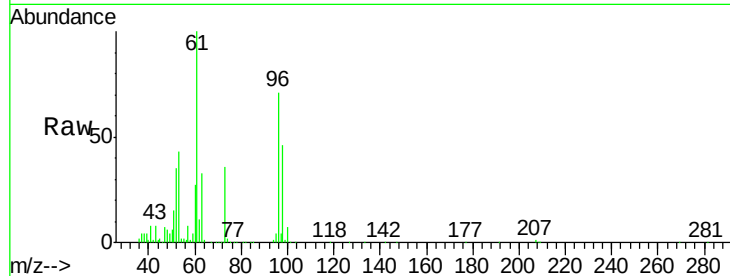
96 100

61 141.7 111.2 166.8

98 64.9 50.2 75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.343 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion: 45 Resp: 554559

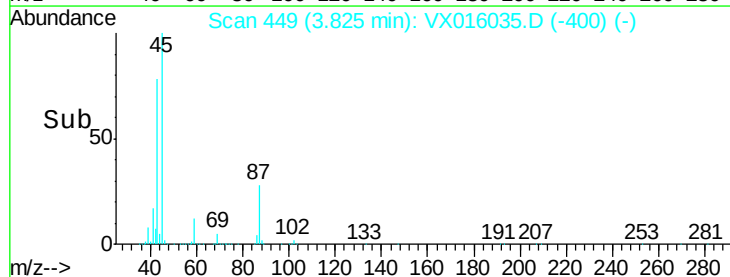
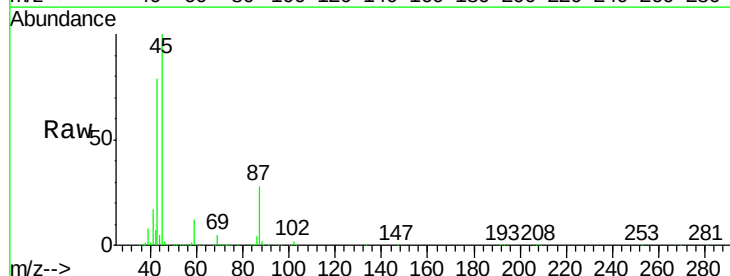
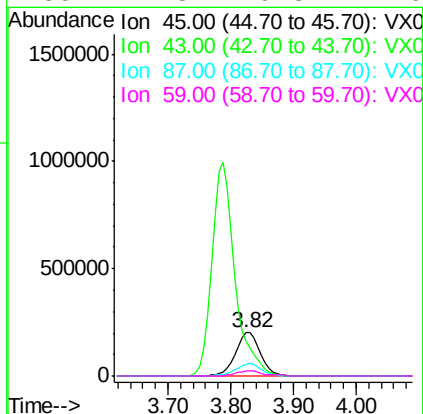
Ion Ratio Lower Upper

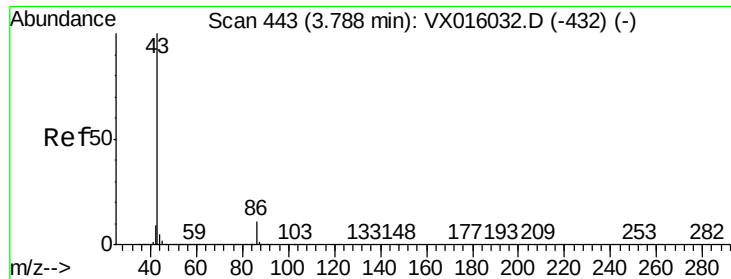
45 100

43 78.2 61.1 91.7

87 27.7 23.0 34.6

59 11.8 9.8 14.6





#23

Vinyl Acetate

Concen: 239.580 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX050420

Tot Ion: 43 Resp: 2522258

Ion Ratio Lower Upper

43 100

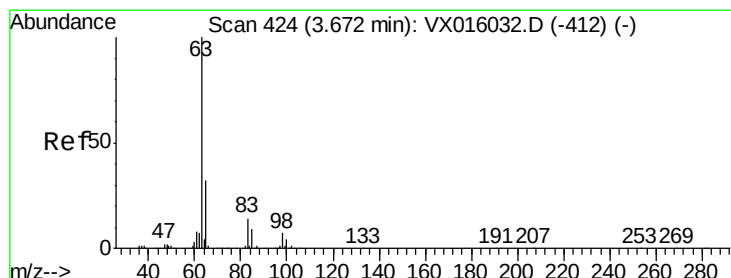
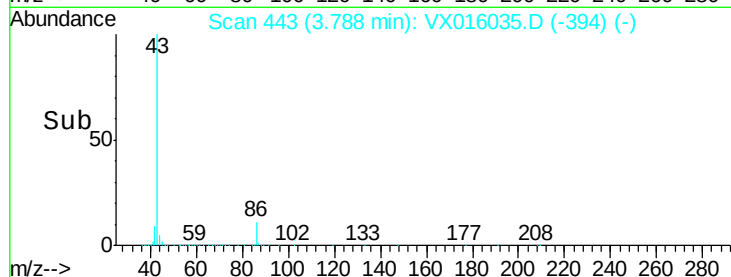
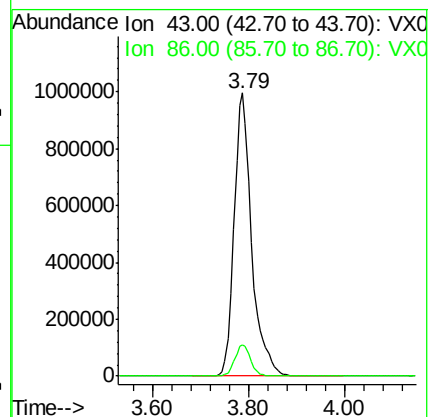
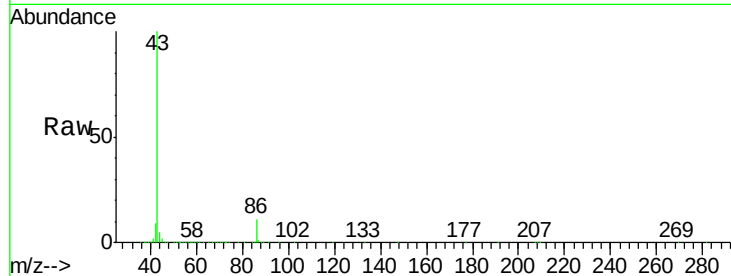
86 11.0 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.513 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

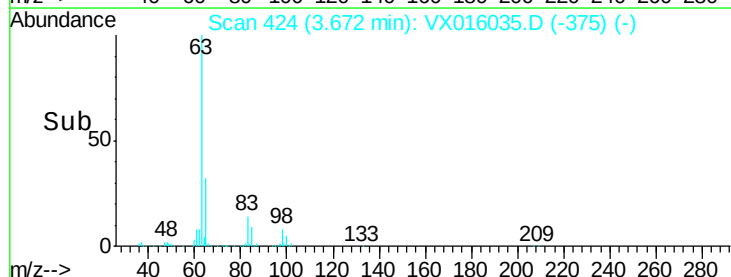
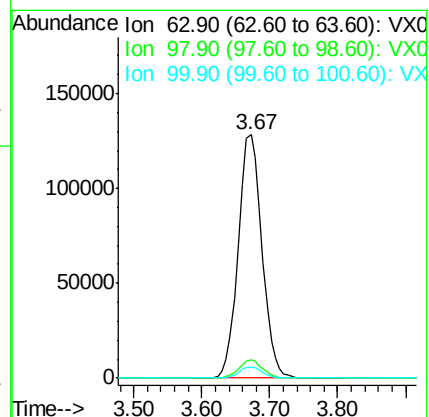
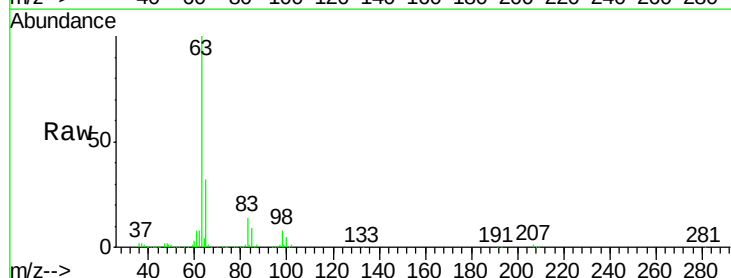
Tgt Ion: 63 Resp: 311355

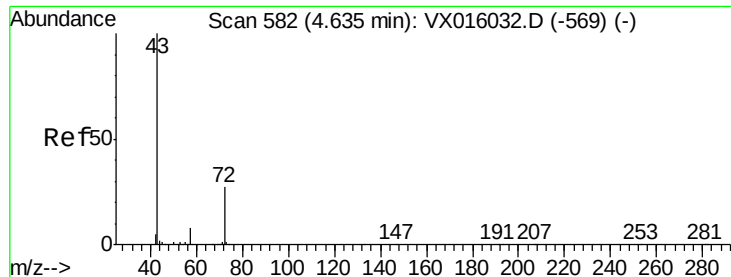
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 235.244 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX050420

Tot Ion: 43 Resp: 740690

Ion Ratio Lower Upper

43 100

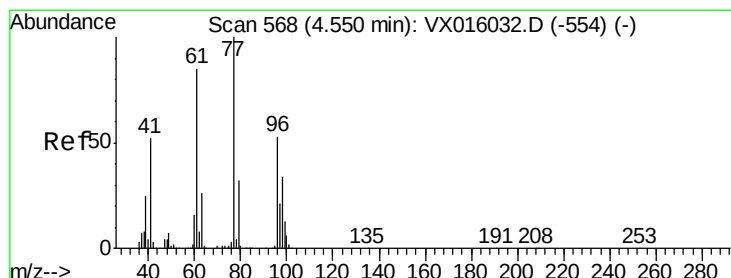
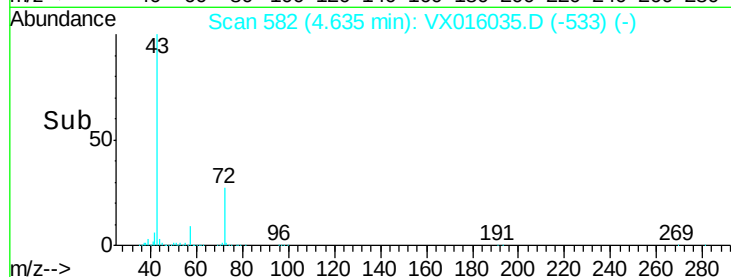
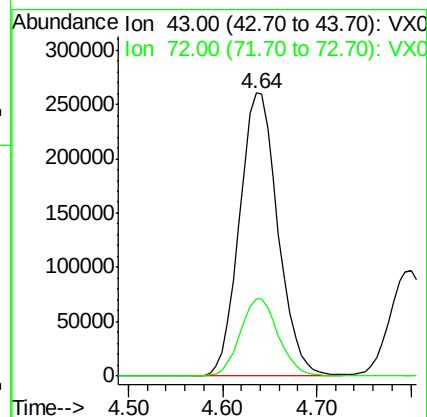
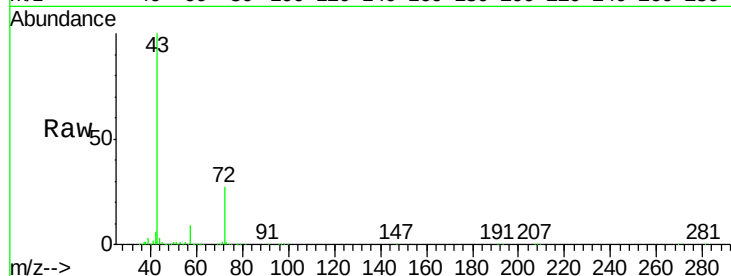
72 27.1 21.8 32.8

Manual Integrations

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5/5/2020 11:35:28 AM



#26

2,2-Dichloropropane

Concen: 47.026 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016035.D

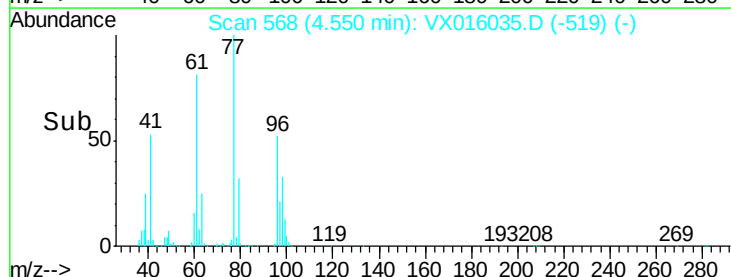
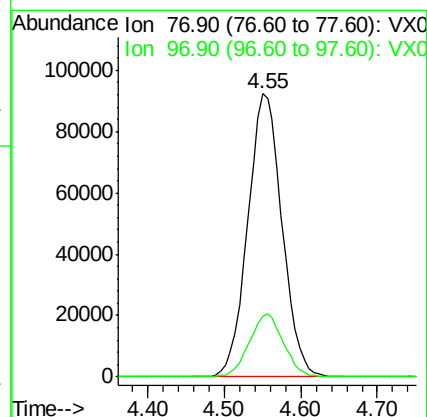
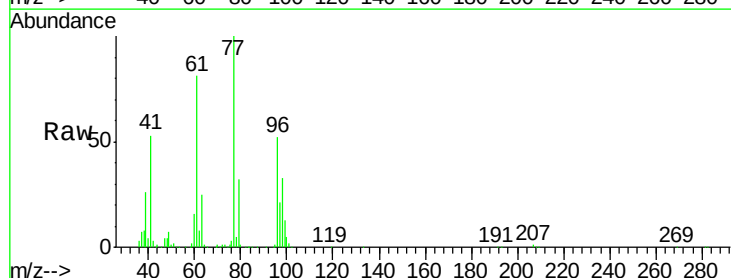
Acq: 04 May 2020 14:39

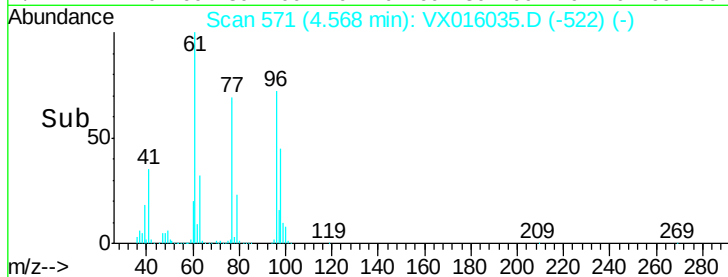
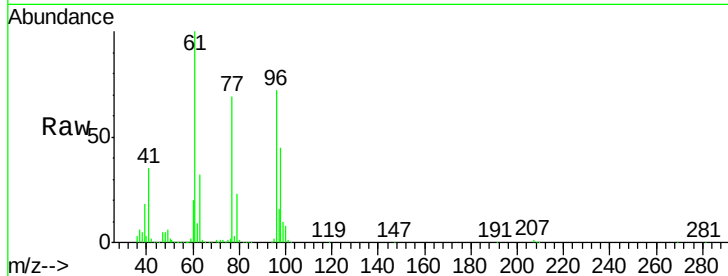
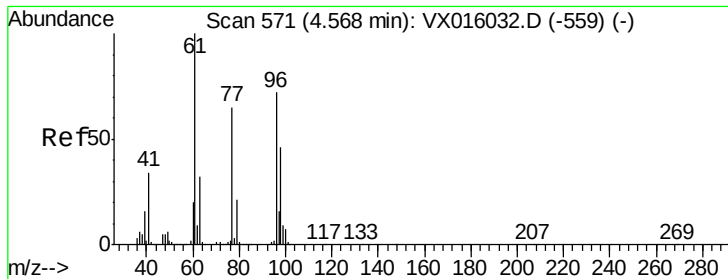
Tgt Ion: 77 Resp: 287482

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.6





#27

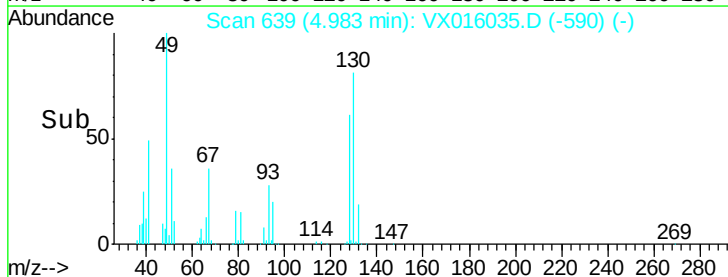
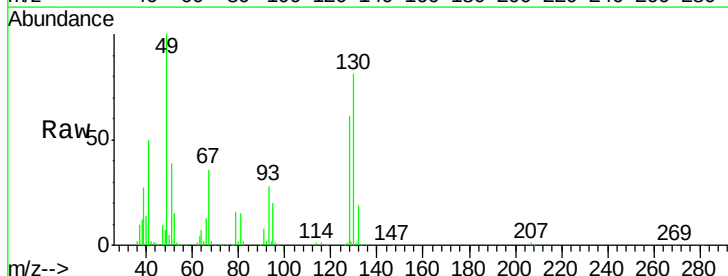
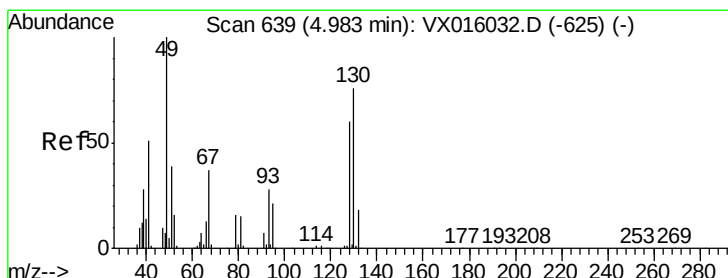
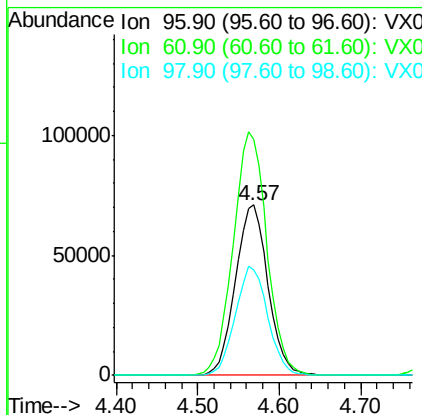
cis-1,2-Dichloroethene
Concen: 46.436 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tot Ion	Ratio	Resp	Lower	Upper
96	100	195705		
61	148.2	0.0	296.2	
98	64.0	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

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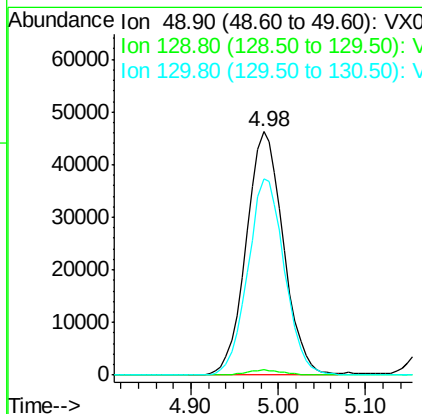
MMDadoda
5/5/2020 11:35:28 AM

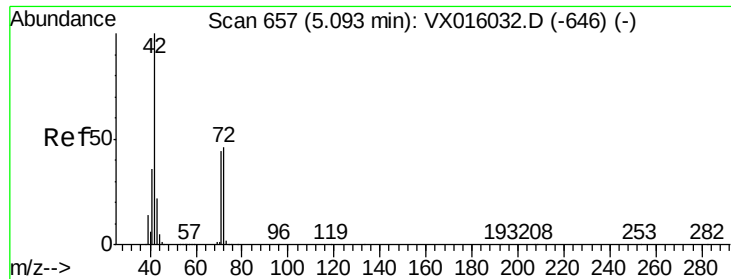


#28

Bromochloromethane
Concen: 44.819 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136802		
129	2.0	0.0	4.0	
130	79.8	62.4	93.6	





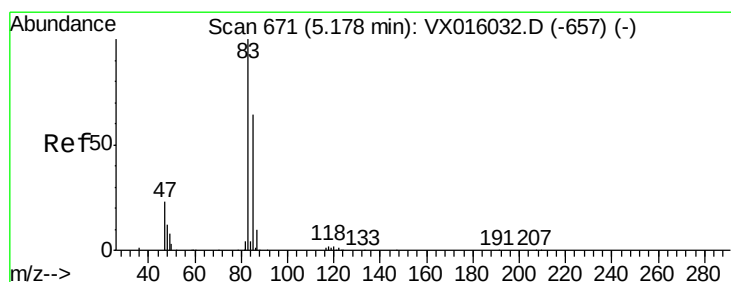
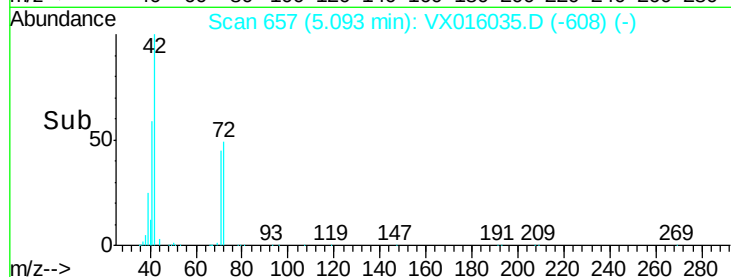
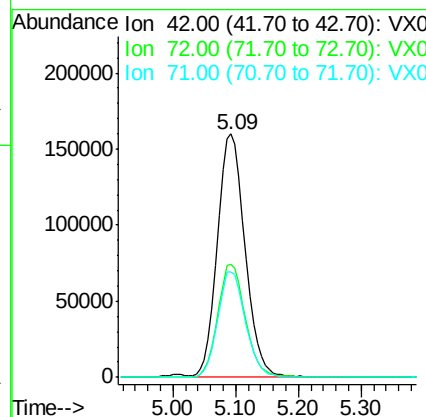
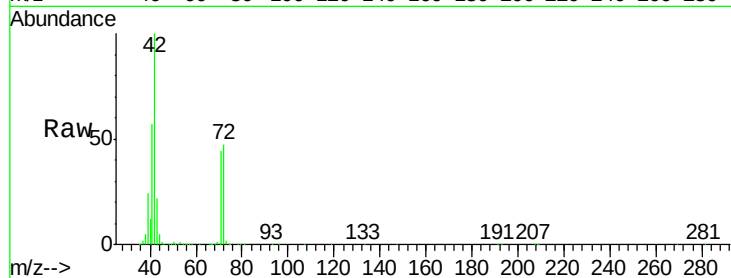
#29
Tetrahydrofuran
Concen: 233.388 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.1	55.7
71	43.7	34.5	51.7

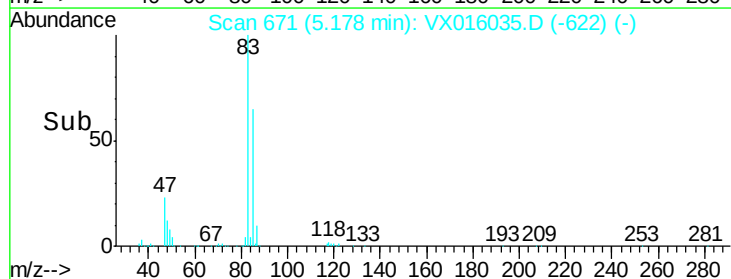
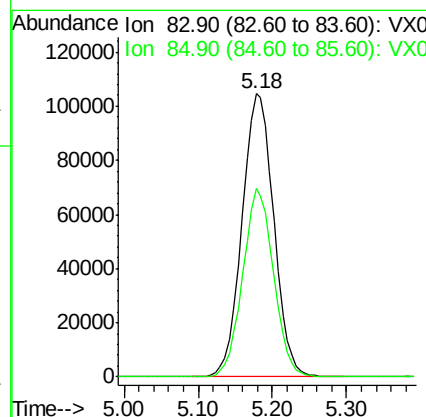
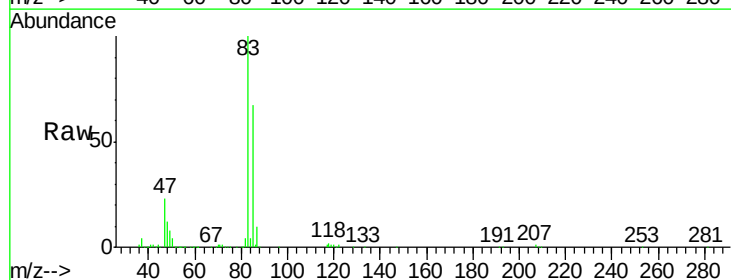
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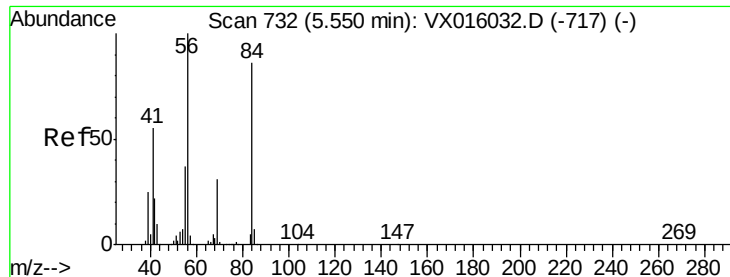
MMDadoda
5/5/2020 11:35:28 AM



#30
Chloroform
Concen: 46.873 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.6	77.4





#31

Cyclohexane

Concen: 46.828 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

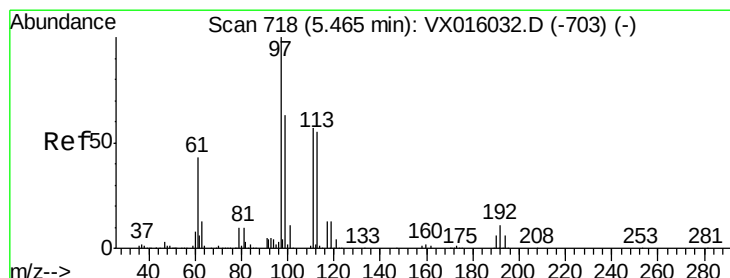
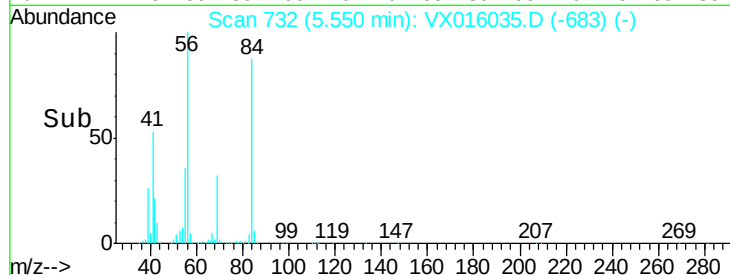
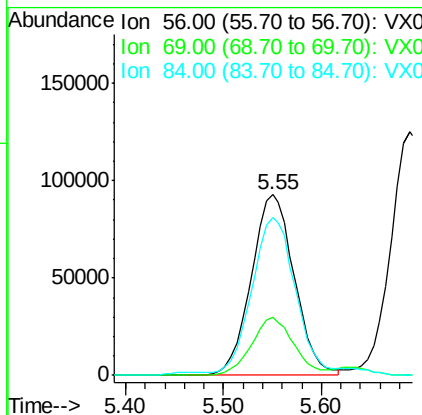
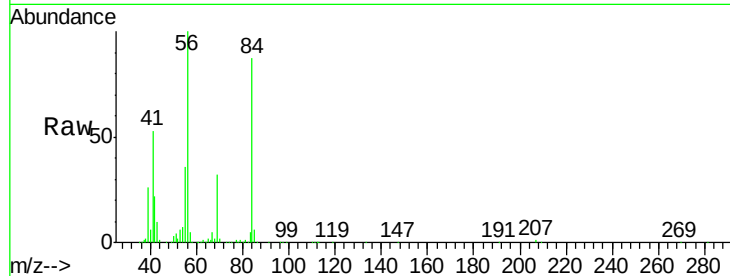
ClientSampleId :

ICVVX050420

Tot Ion:	56	Resp:	284880
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	85.3	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 46.599 ug/l

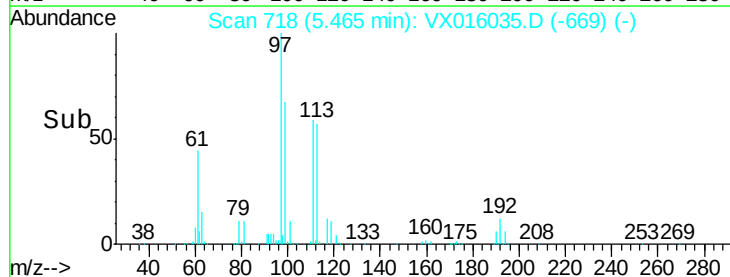
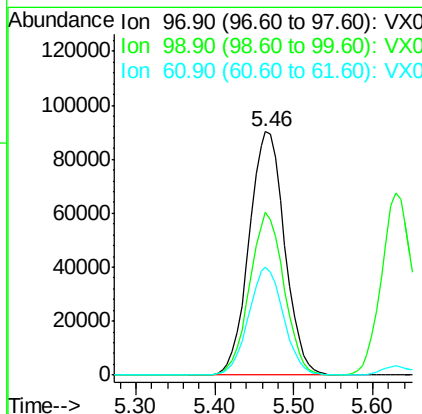
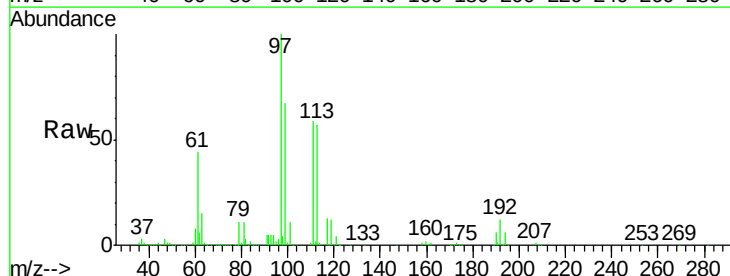
RT: 5.46 min Scan# 718

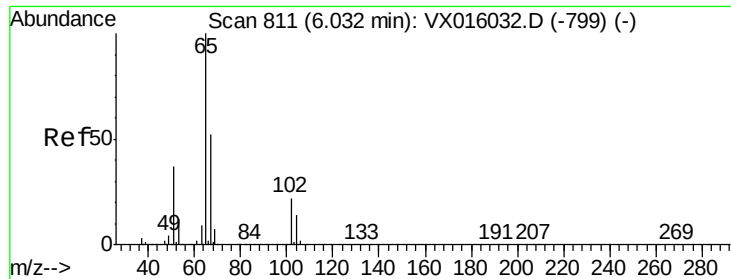
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	97	Resp:	282311
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	43.7	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.367 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 65 Resp: 198672

Ion Ratio Lower Upper

65 100

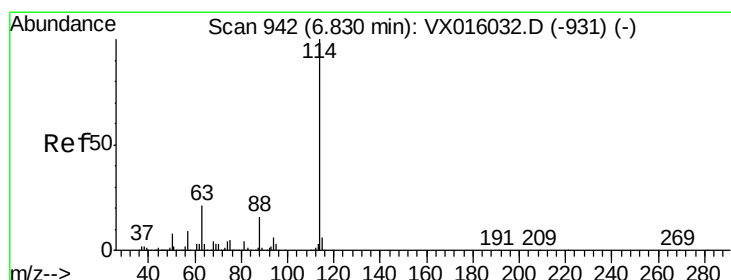
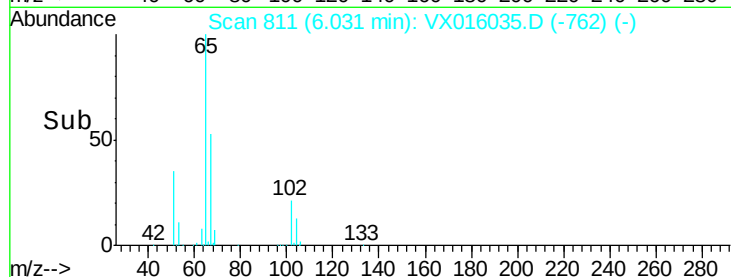
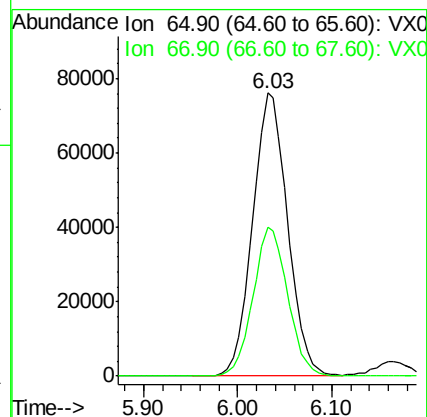
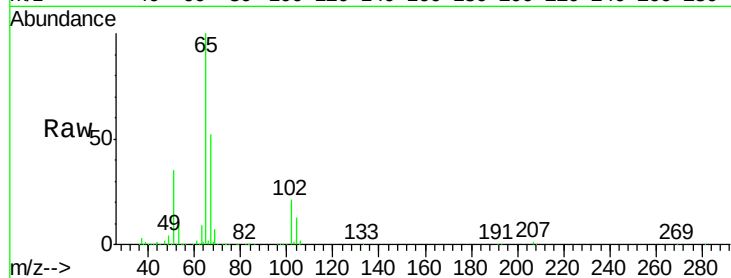
67 52.0 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

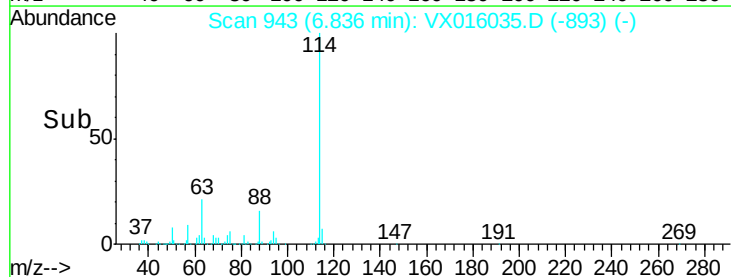
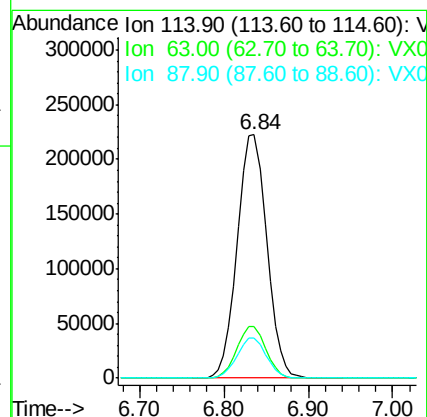
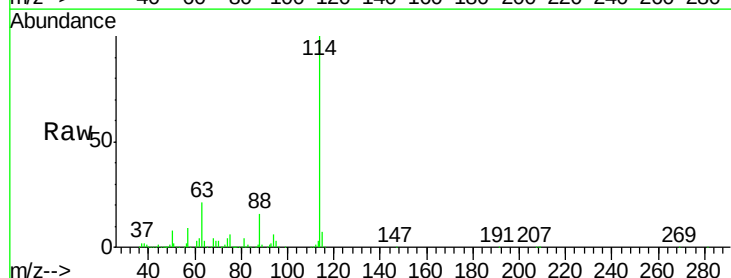
Tgt Ion: 114 Resp: 529586

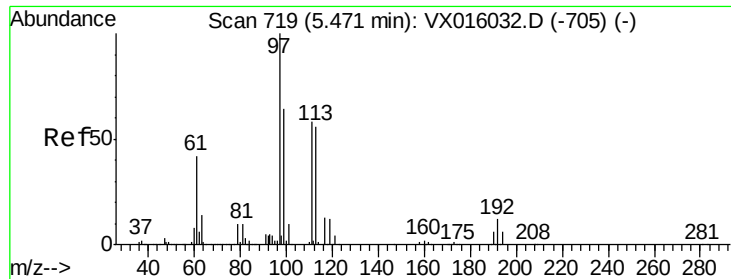
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.574 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

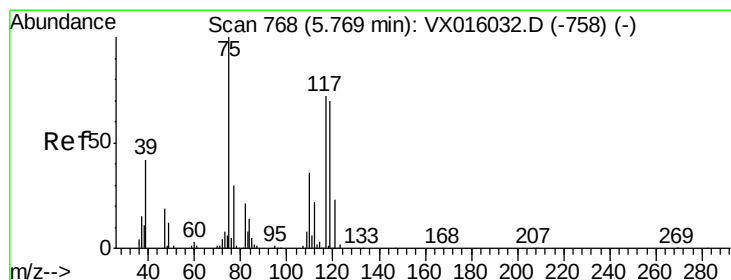
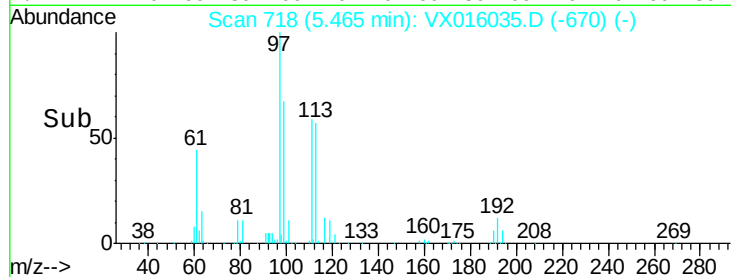
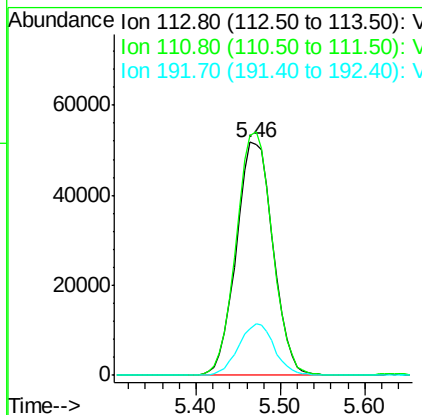
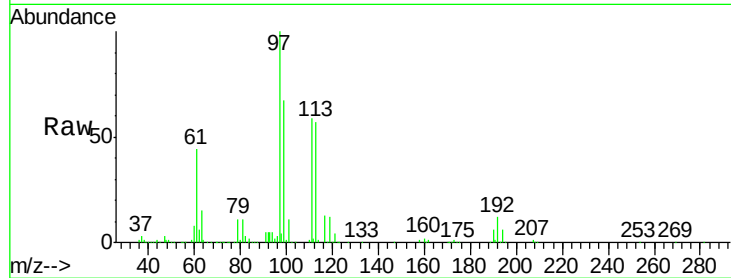
ClientSampleId :

ICVVX050420

Tot Ion:	113	Resp:	152908
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.6	122.4
192	21.4	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 46.064 ug/l

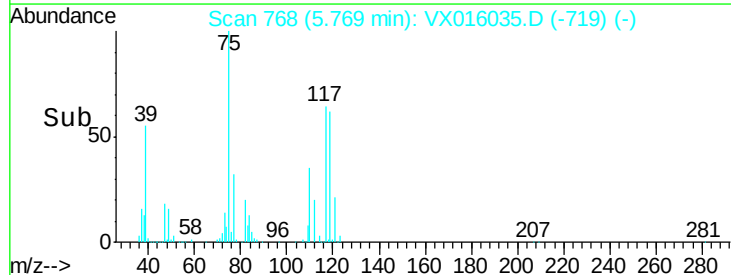
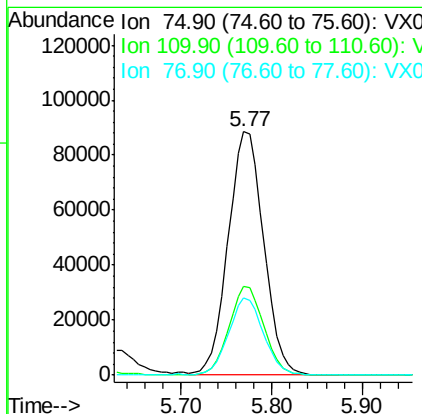
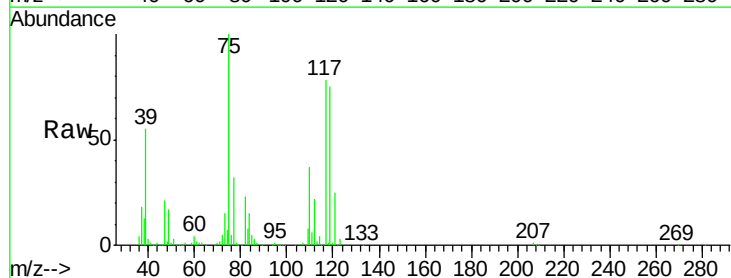
RT: 5.77 min Scan# 768

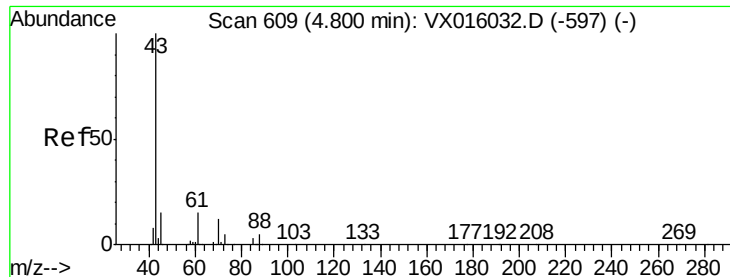
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	75	Resp:	240136
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.1
77	31.3	25.0	37.6





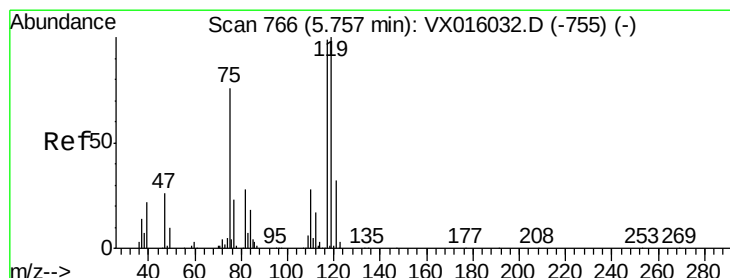
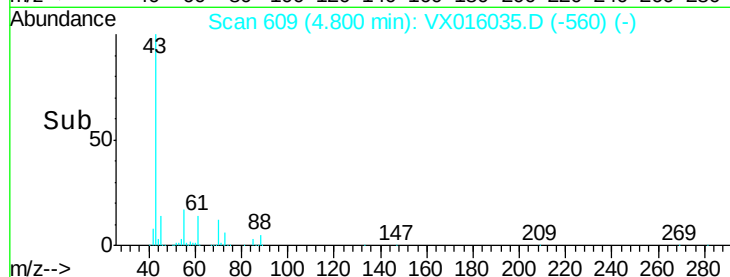
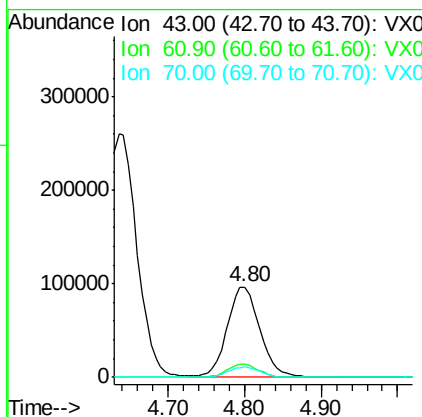
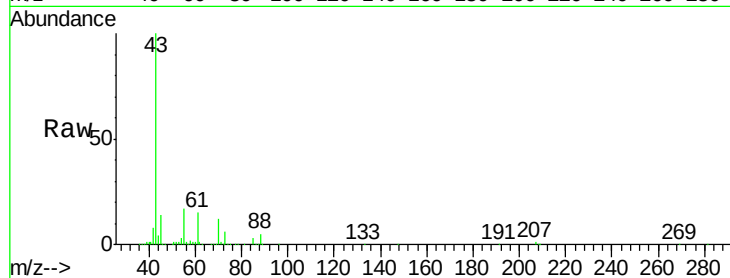
#37
Ethyl Acetate
Concen: 46.964 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.7	17.5
70	11.6	9.3	13.9

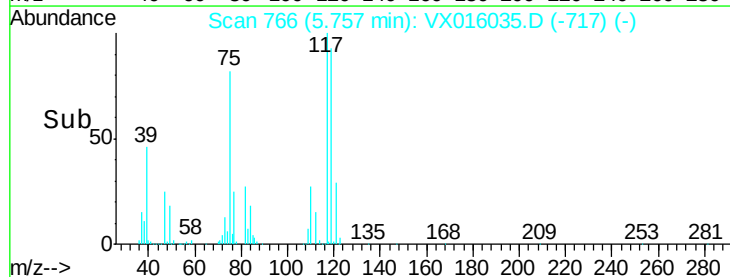
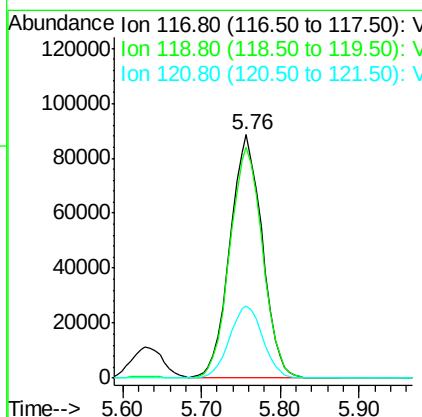
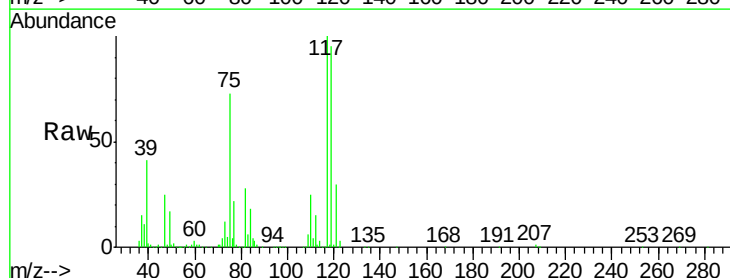
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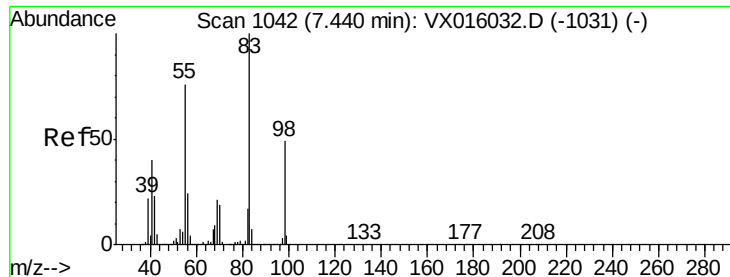
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.504 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	80.3	120.5
121	29.8	25.7	38.5





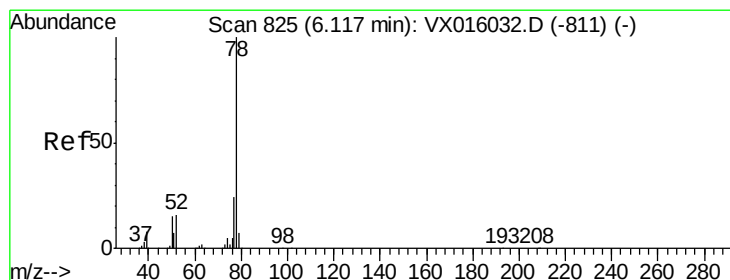
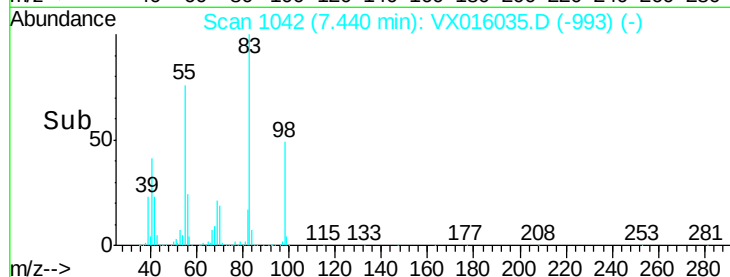
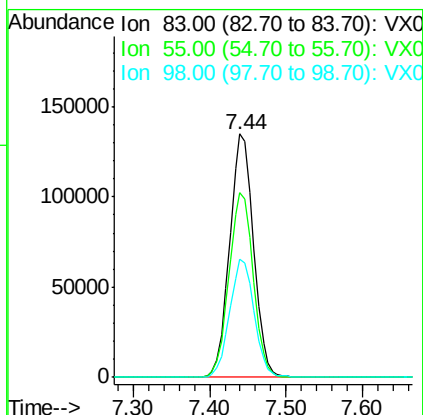
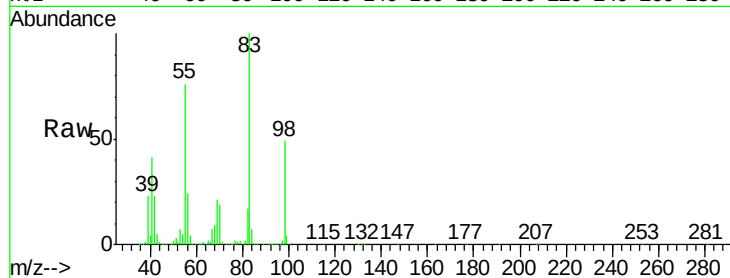
#39
Methylvlcyclohexane
Concen: 46.508 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.1	91.7
98	48.7	39.0	58.4

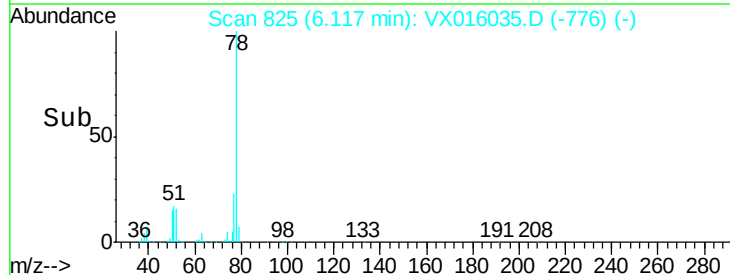
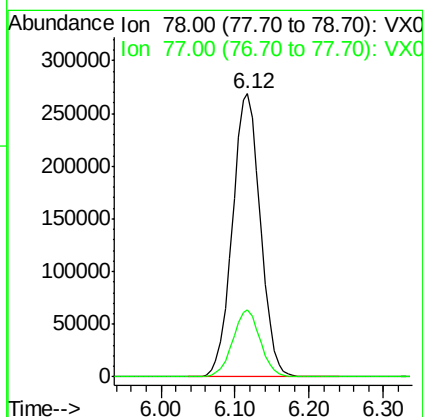
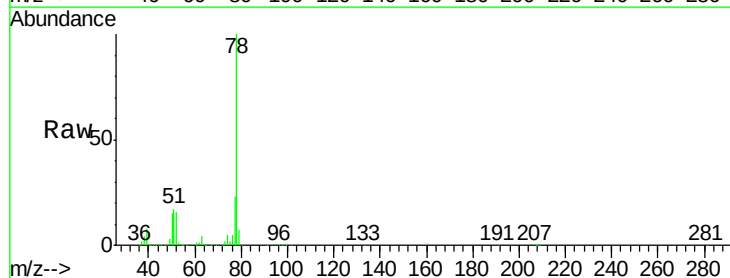
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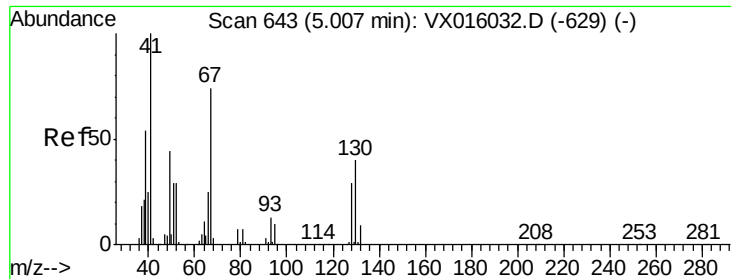
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#40
Benzene
Concen: 46.291 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





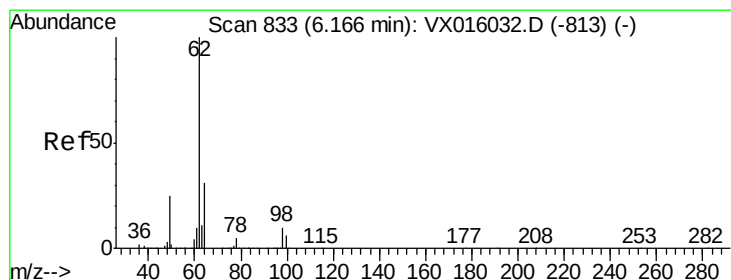
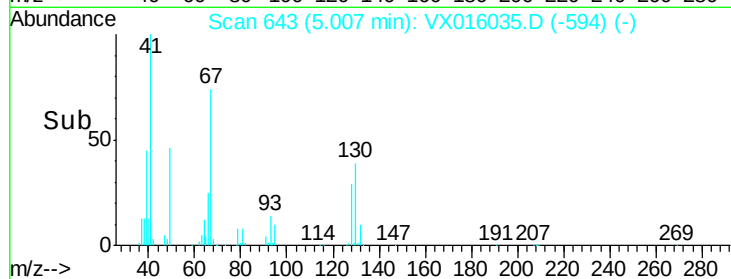
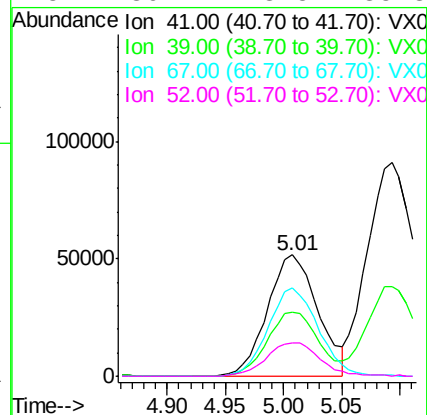
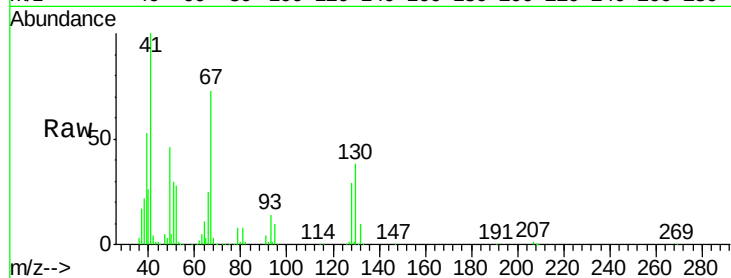
#41
Methacrylonitrile
Concen: 47.424 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX050420

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		154744		
39	54.0	43.2	64.8		
67	72.9	59.3	88.9		
52	30.2	23.5	35.3		

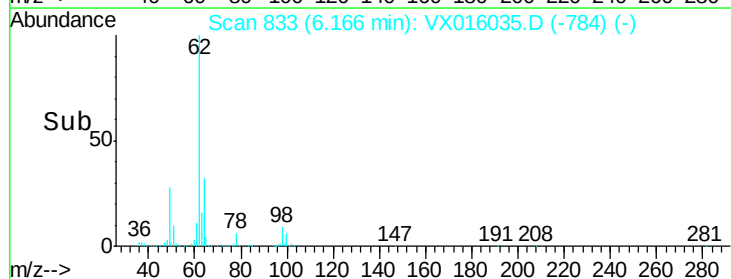
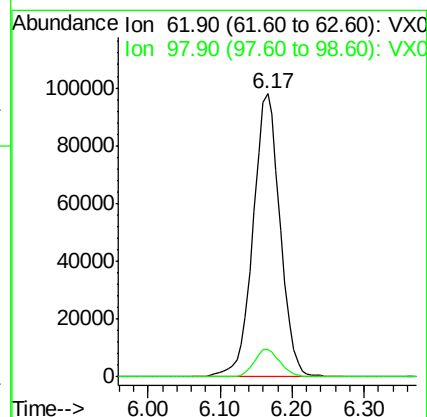
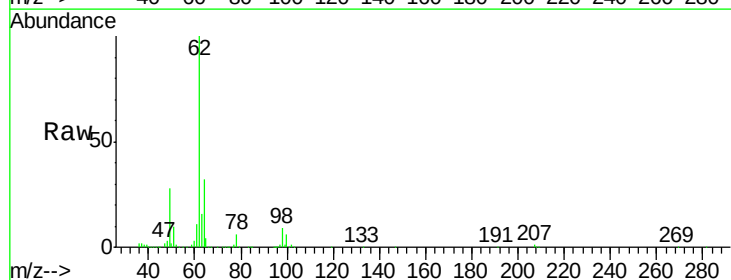
Manual Integrations
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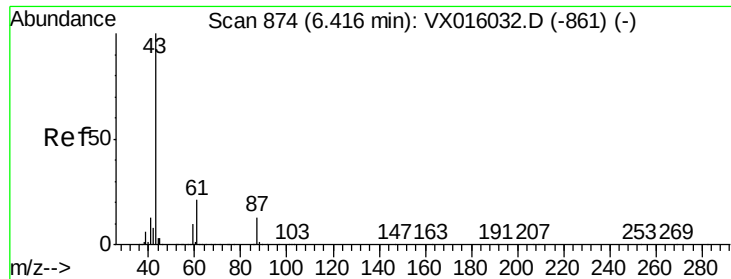
MMDadoda
5/5/2020 11:35:28 AM



#42
1,2-Dichloroethane
Concen: 46.421 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		255070		
98	9.5	0.0	19.4		





#43

Isopropyl Acetate

Concen: 47.346 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

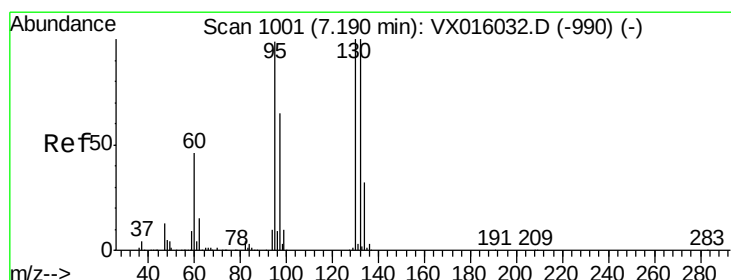
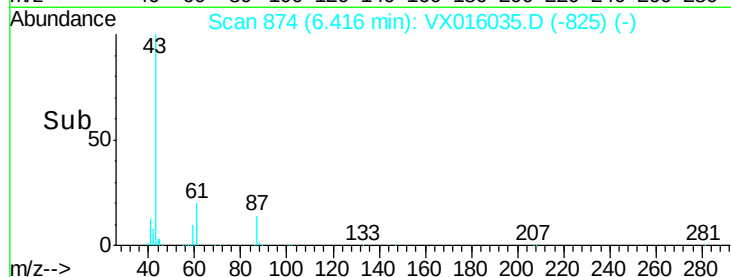
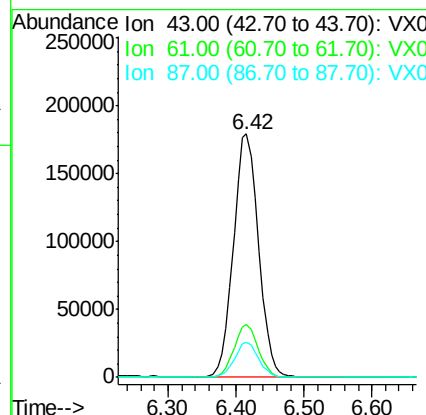
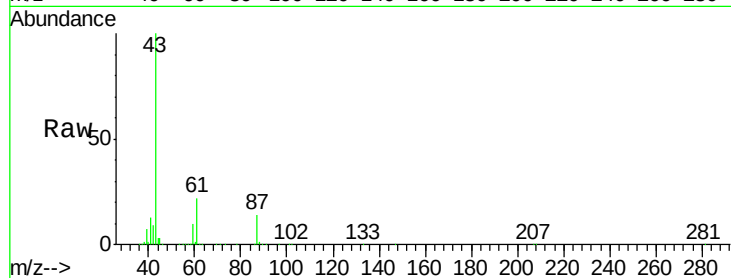
ClientSampleId :

ICVVX050420

Tot Ion:	43	Resp:	456429
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.8	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 43.793 ug/l

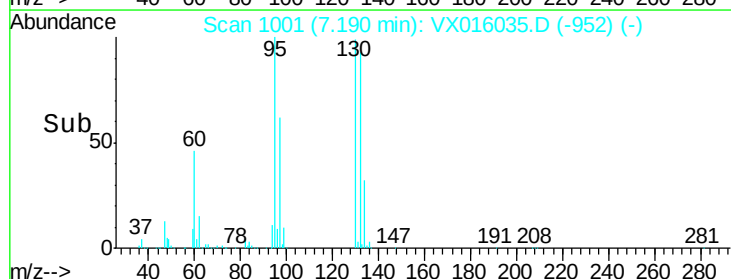
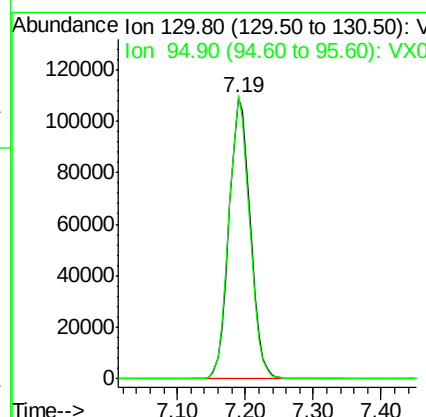
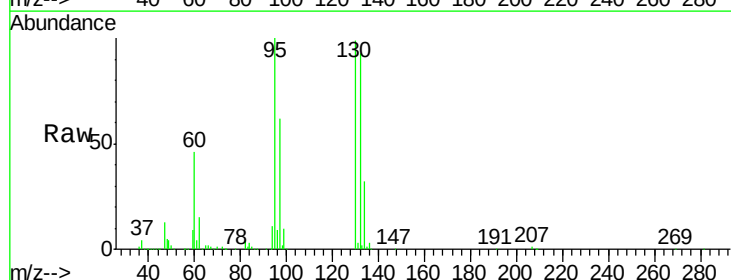
RT: 7.19 min Scan# 1001

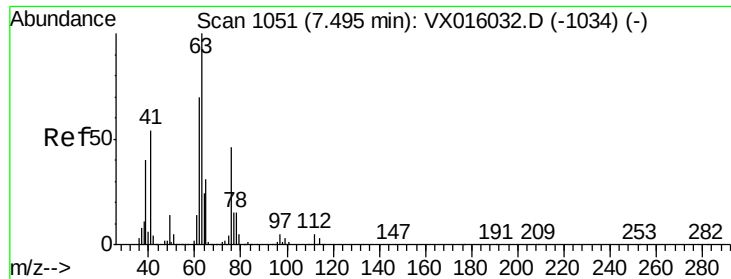
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	130	Resp:	237307
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	197.4





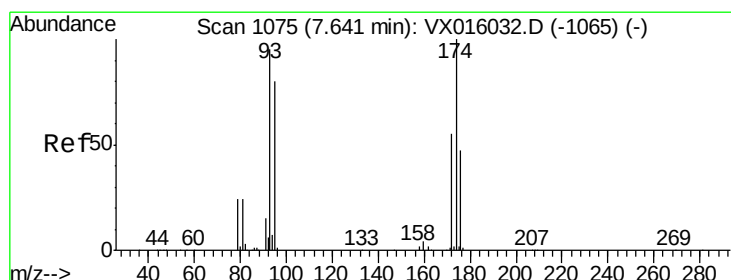
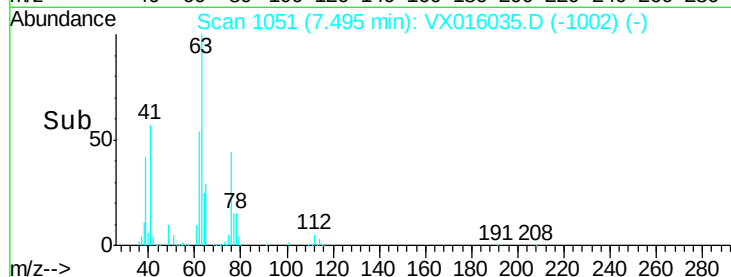
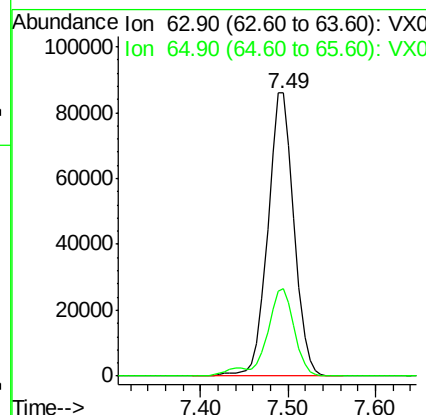
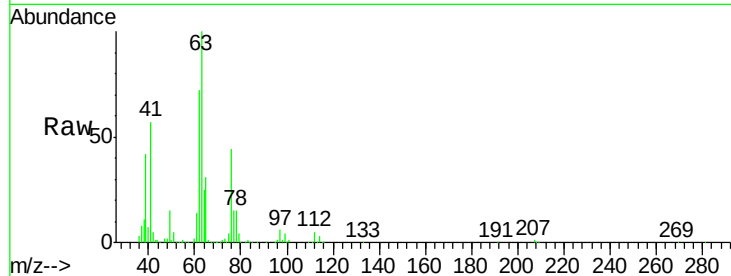
#45
 1,2-Dichloropropane
 Concen: 46.700 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.4	36.6

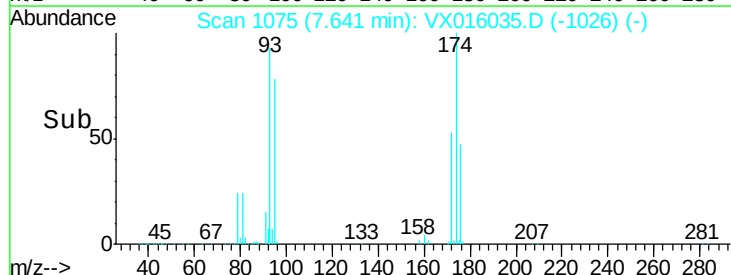
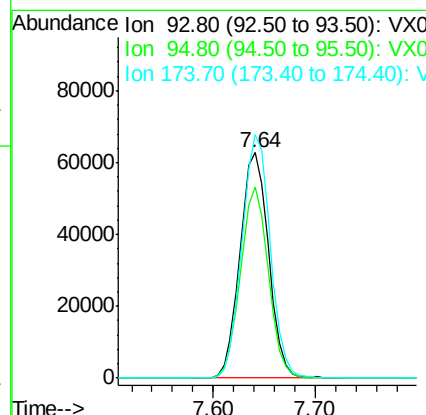
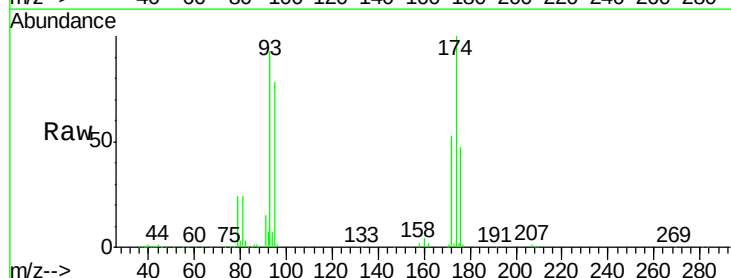
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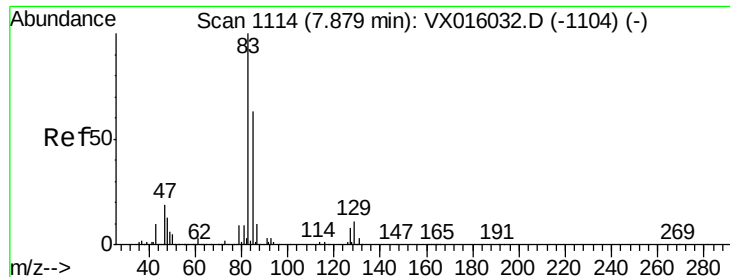
MMDadoda
 5/5/2020 11:35:28 AM



#46
 Dibromomethane
 Concen: 46.403 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.6	100.0
174	107.0	84.2	126.4





#47

Bromodichloromethane

Concen: 47.547 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

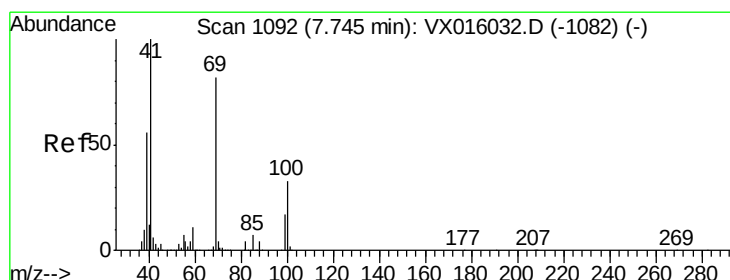
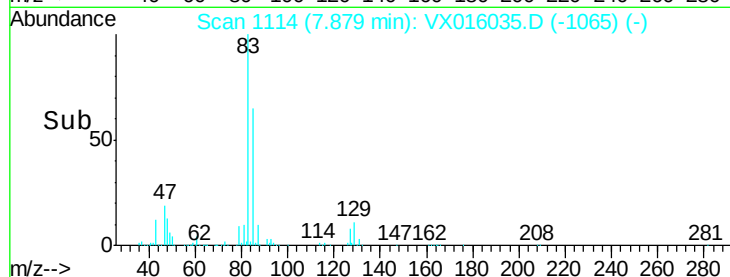
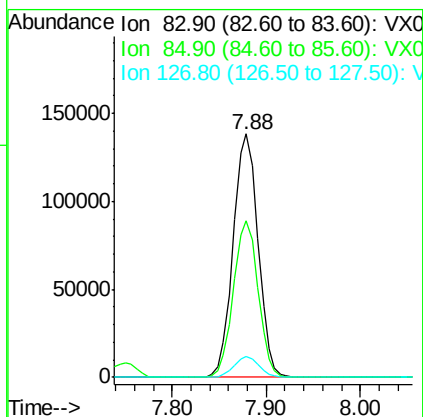
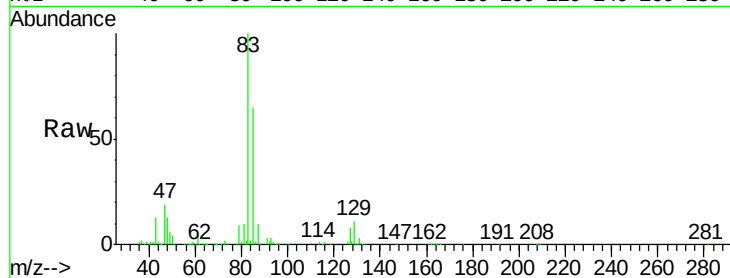
ClientSampleId :

ICVVX050420

Tot Ion:	83	Resp:	253987
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.5	75.7
127	8.4	6.7	10.1

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#48

Methyl methacrylate

Concen: 47.550 ug/l

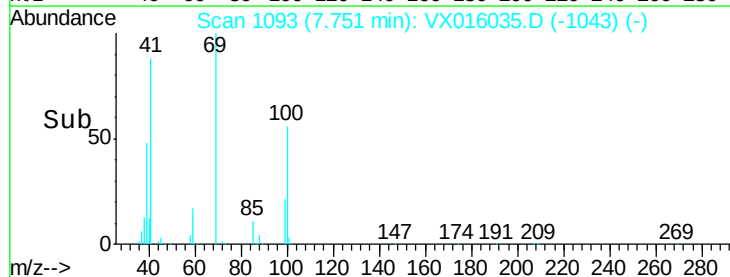
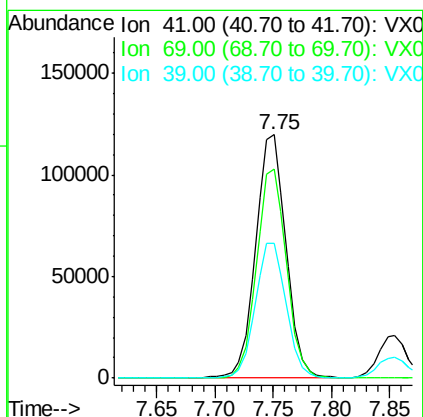
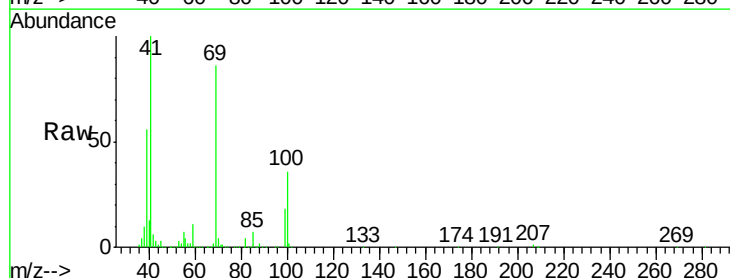
RT: 7.75 min Scan# 1093

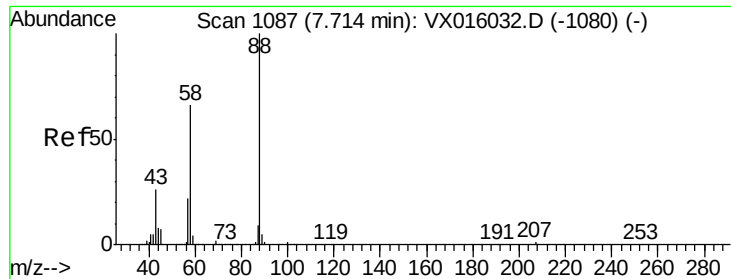
Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	41	Resp:	217209
Ion Ratio	Lower	Upper	
41	100		
69	85.1	67.8	101.6
39	56.5	44.6	67.0





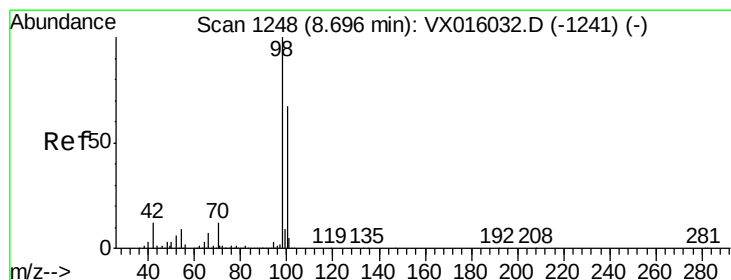
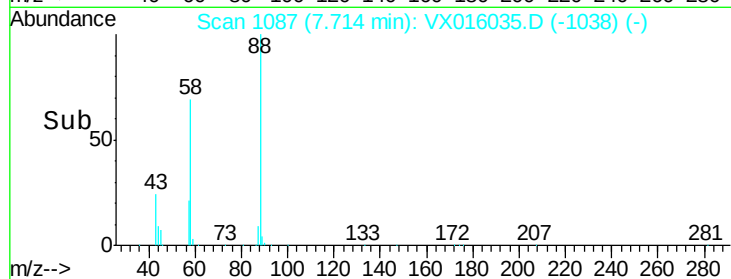
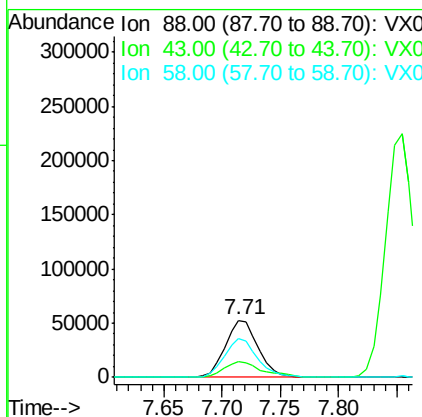
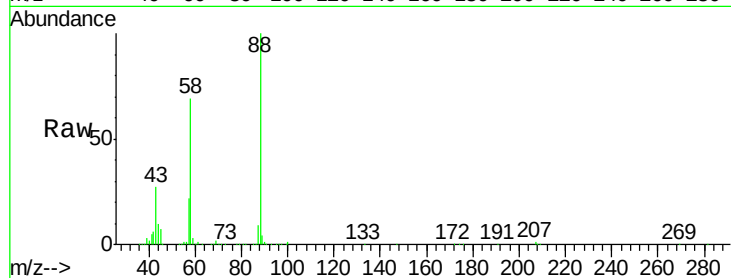
#49
 1,4-Dioxane
 Concen: 939.413 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX050420

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.3	37.9
58	69.2	55.9	83.9

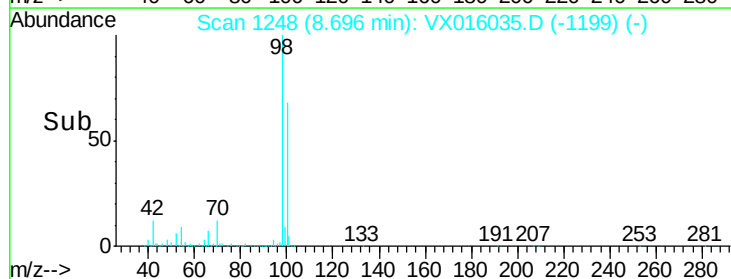
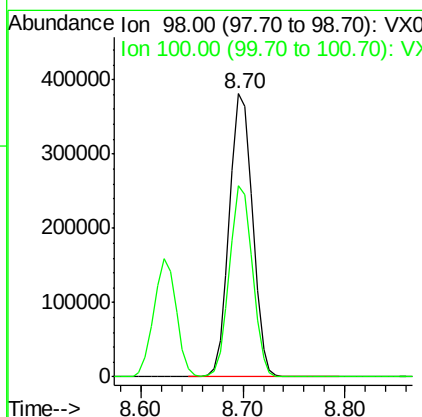
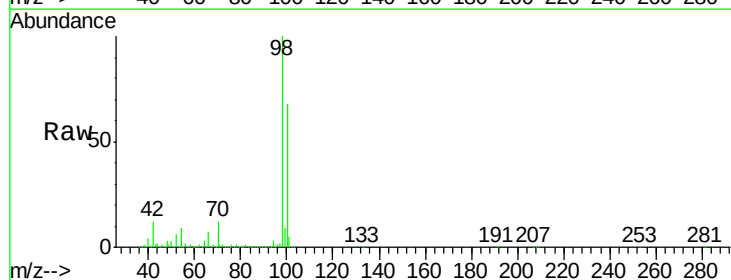
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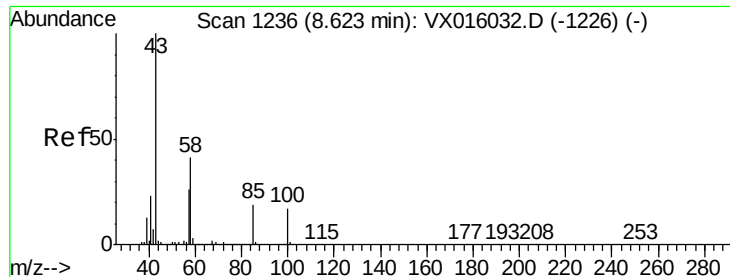
MMDadoda
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#50
 Toluene-d8
 Concen: 46.319 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 238.969 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX050420

Tot Ion: 43 Resp: 1409750

Ion Ratio Lower Upper

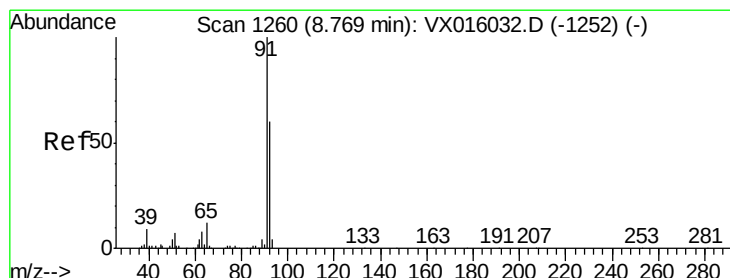
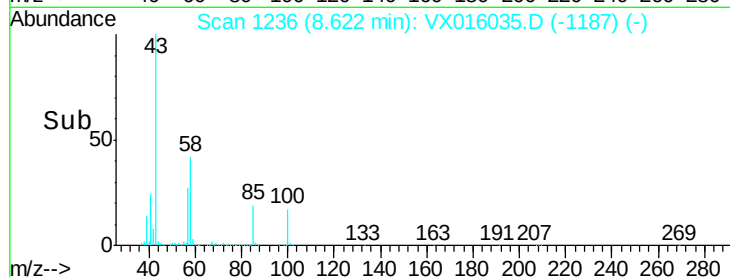
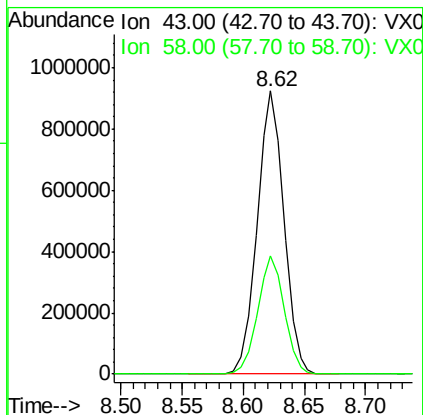
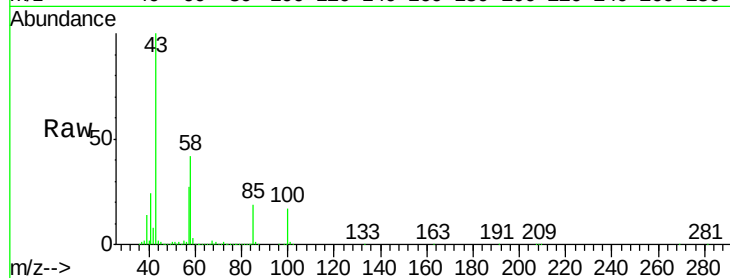
43 100

58 41.5 33.0 49.4

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#52

Toluene

Concen: 47.209 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016035.D

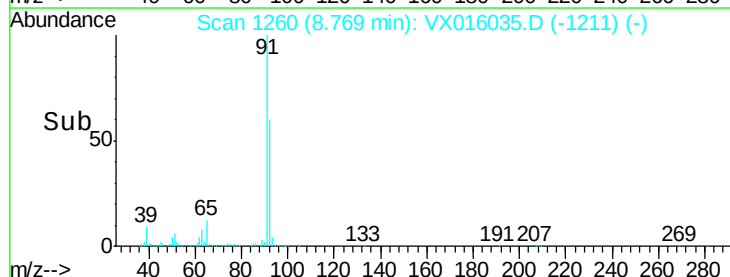
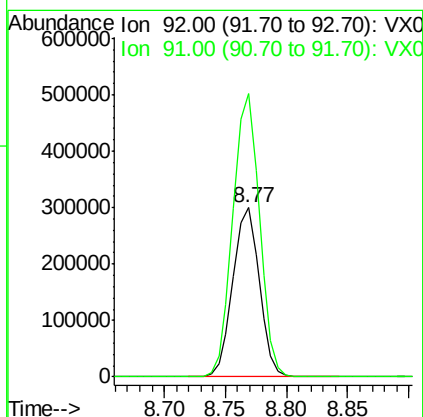
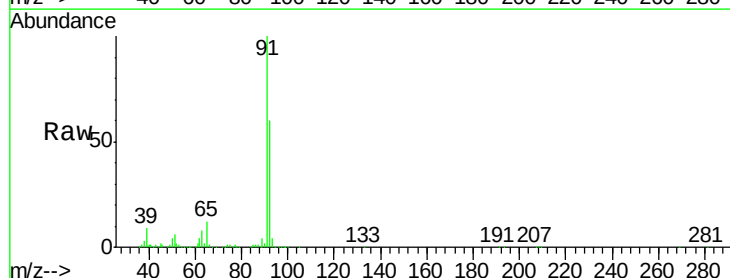
Acq: 04 May 2020 14:39

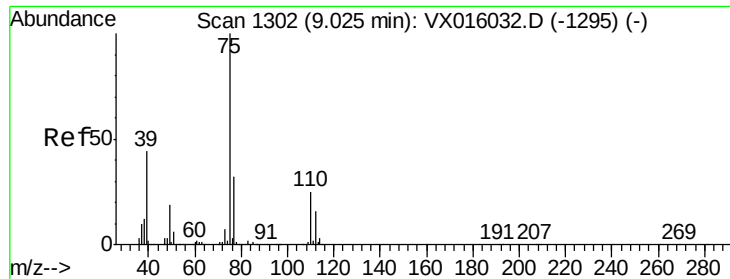
Tgt Ion: 92 Resp: 448841

Ion Ratio Lower Upper

92 100

91 168.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.531 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 75 Resp: 302728

Ion Ratio Lower Upper

75 100

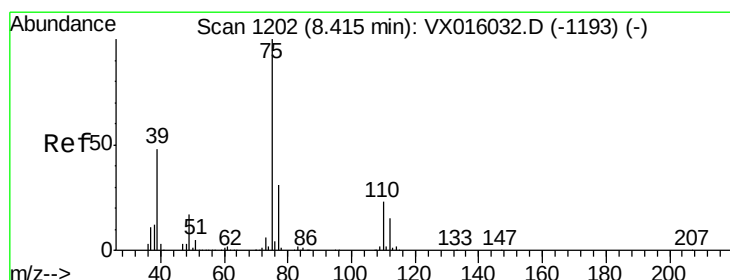
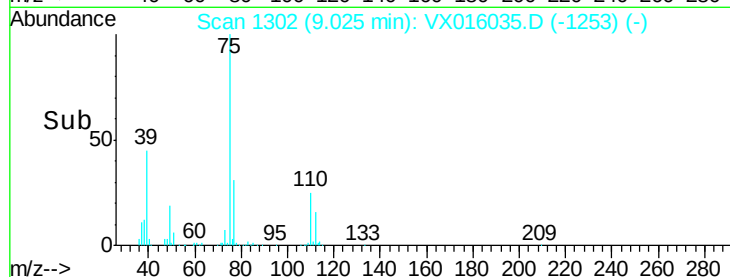
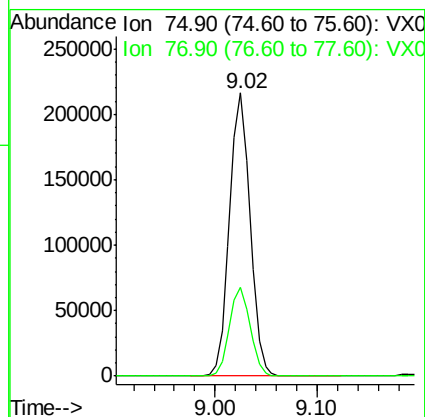
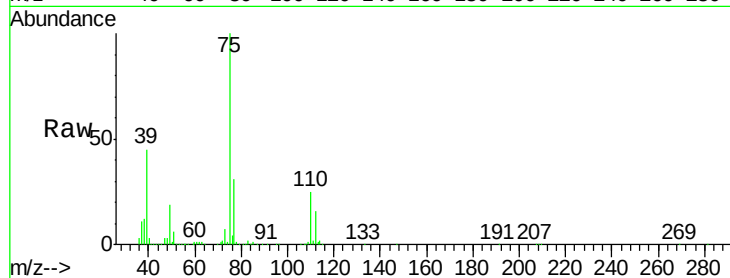
77 31.5 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 47.453 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

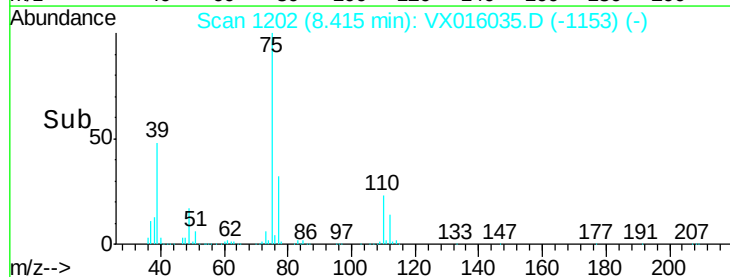
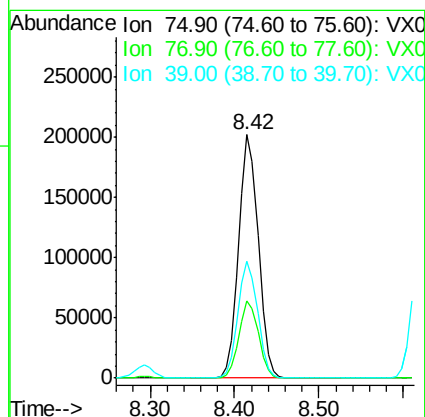
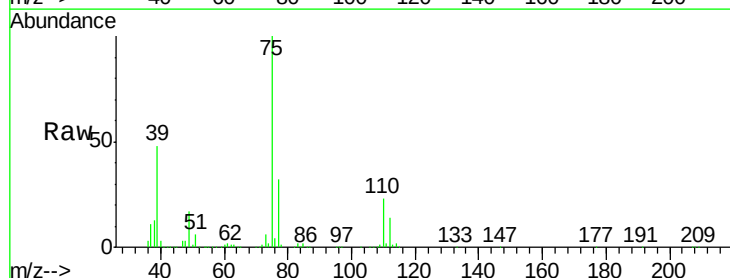
Tgt Ion: 75 Resp: 315685

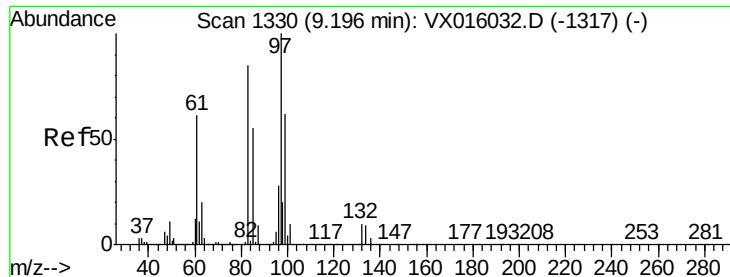
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 48.0 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 47.318 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

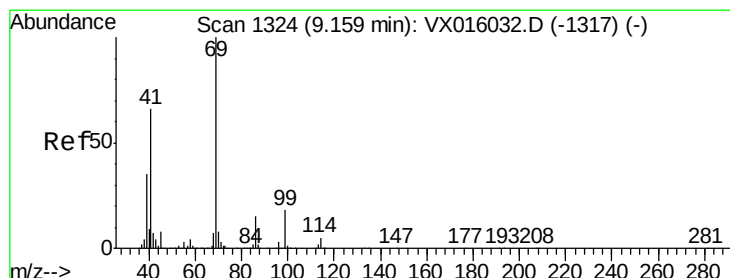
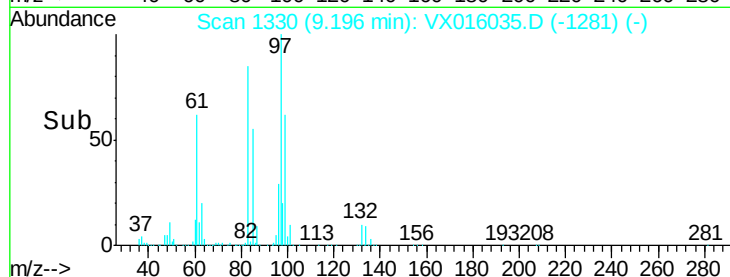
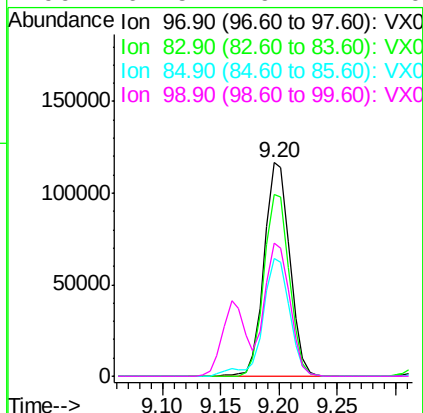
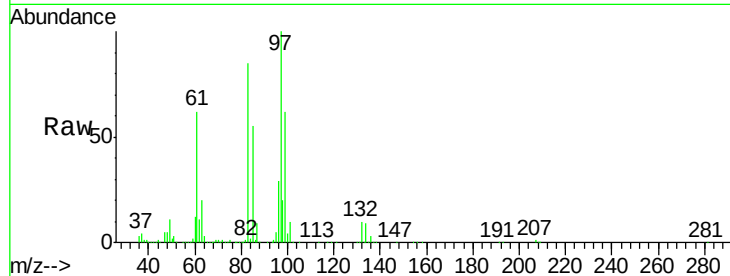
ClientSampleId :

ICVVX050420

Tot Ion:	97	Resp:	176997
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.8
85	55.0	43.8	65.8
99	62.5	49.4	74.0

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#56

Ethyl methacrylate

Concen: 48.545 ug/l

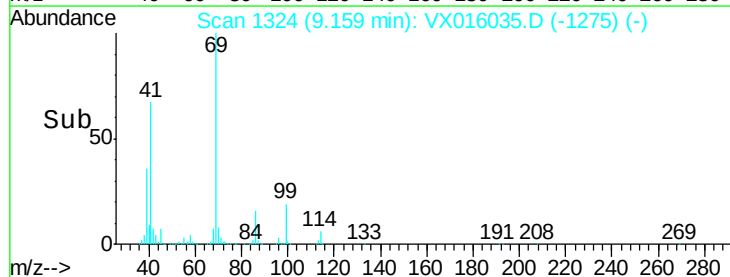
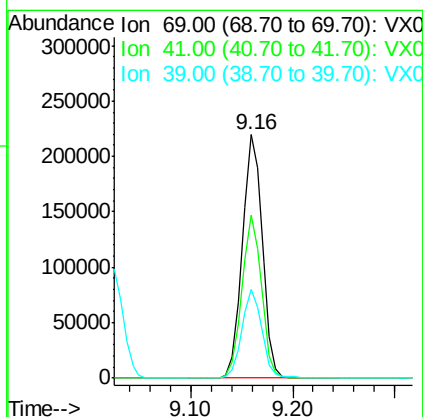
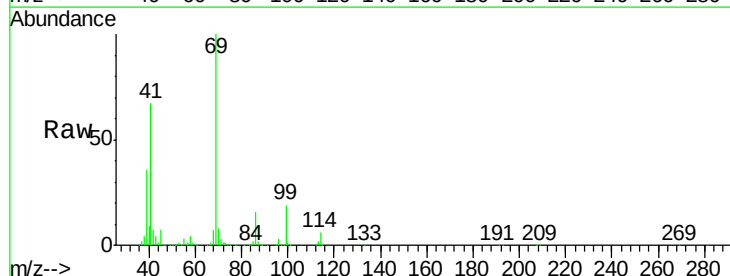
RT: 9.16 min Scan# 1324

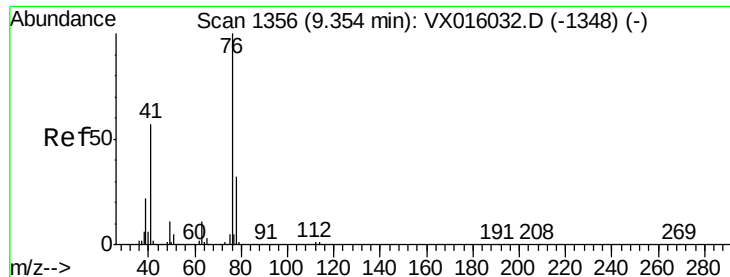
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	69	Resp:	296407
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.2	78.4
39	36.0	28.2	42.4





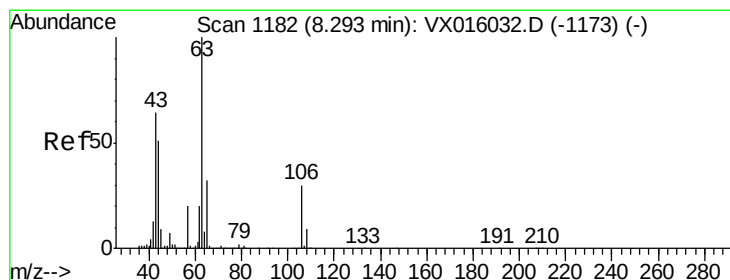
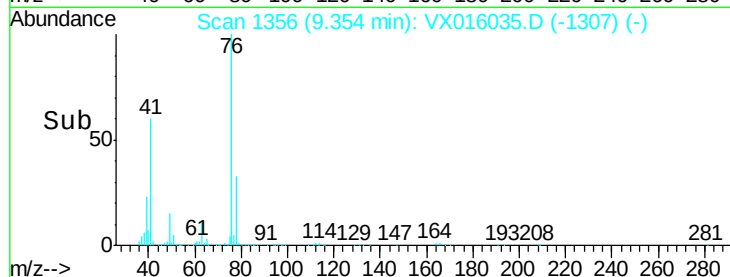
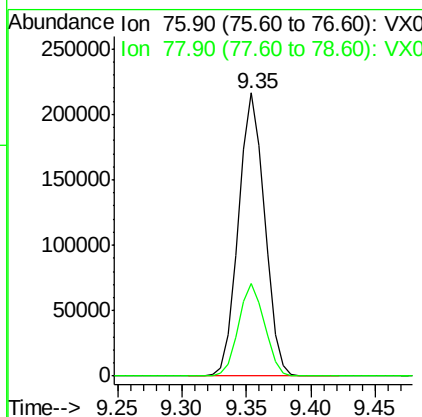
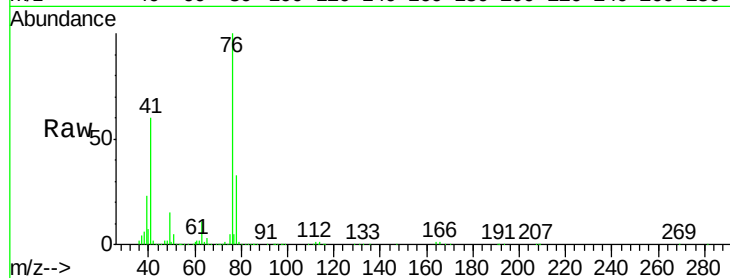
#57
 1,3-Dichloropropane
 Concen: 46.758 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.9	38.9

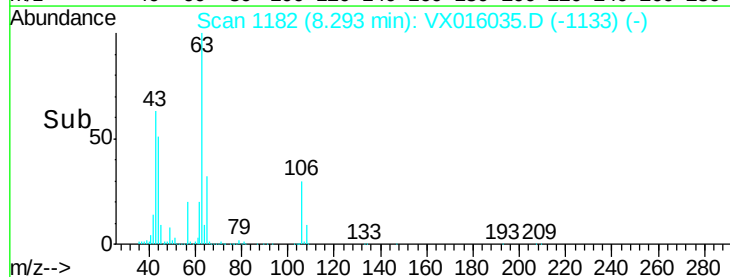
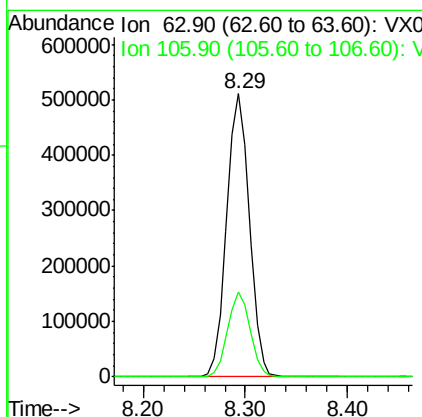
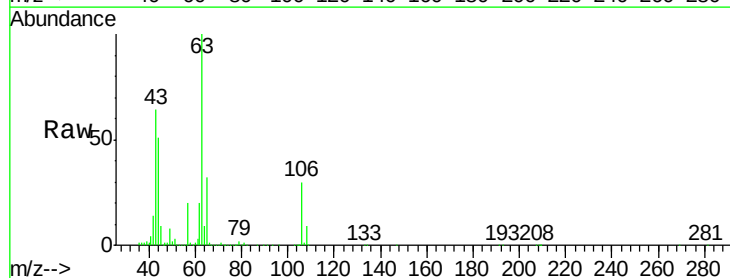
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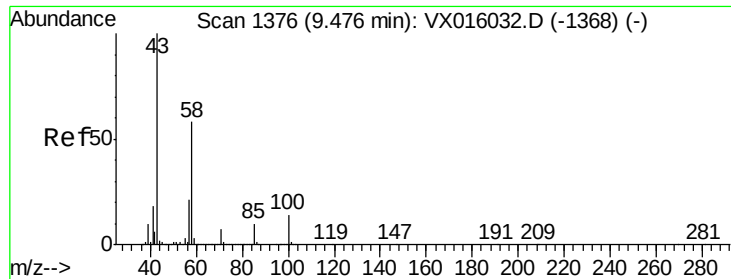
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#58
 2-Chloroethyl Vinyl ether
 Concen: 241.884 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.4	35.2





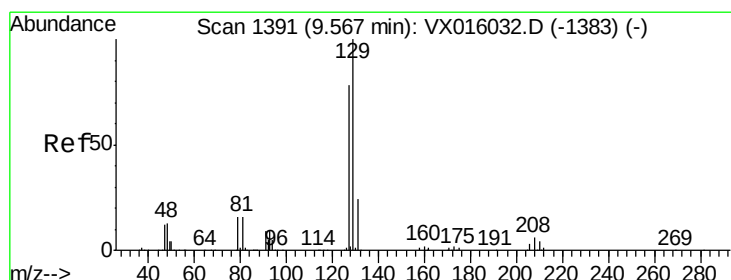
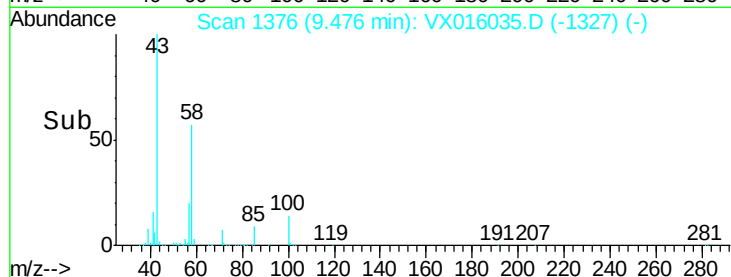
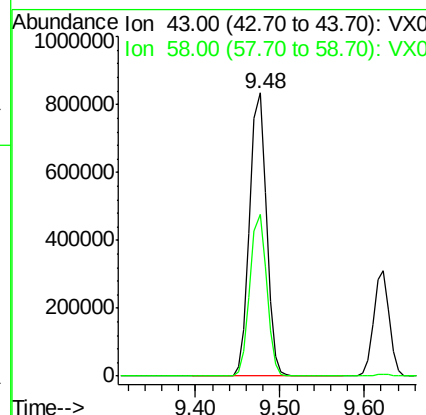
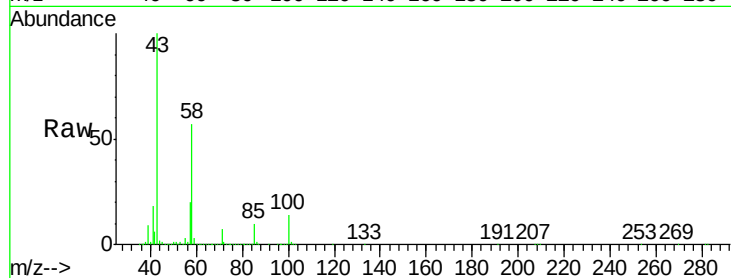
#59
2-Hexanone
Concen: 238.881 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion: 43 Resp: 1106704
Ion Ratio Lower Upper
43 100
58 57.2 28.6 85.9

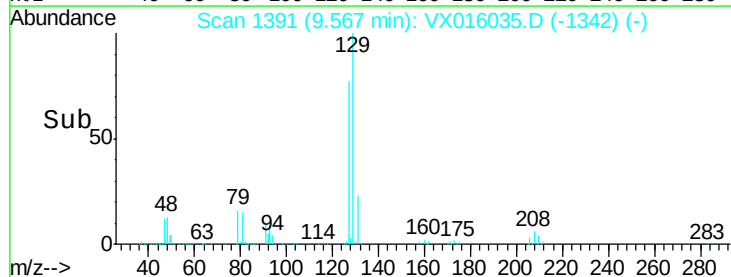
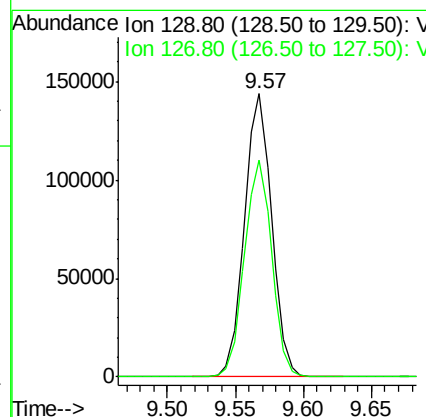
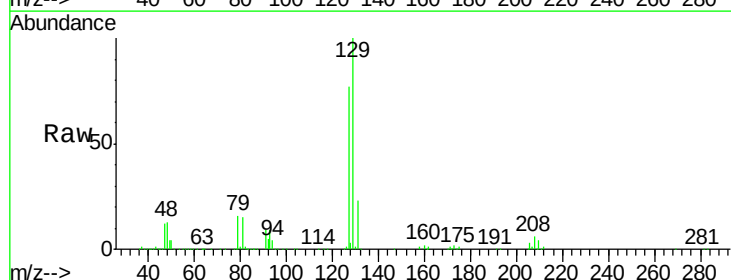
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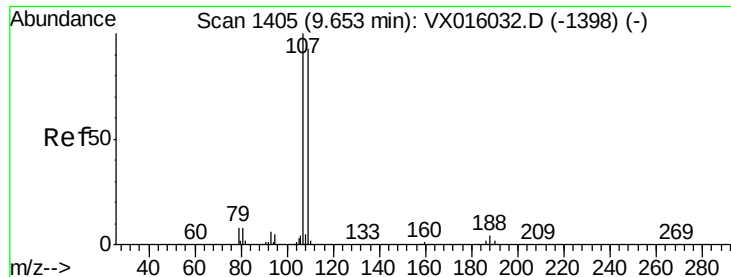
MMDadoda
5/5/2020 11:35:28 AM



#60
Dibromochloromethane
Concen: 48.877 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 129 Resp: 201360
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 47.858 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 107 Resp: 193908

Ion Ratio Lower Upper

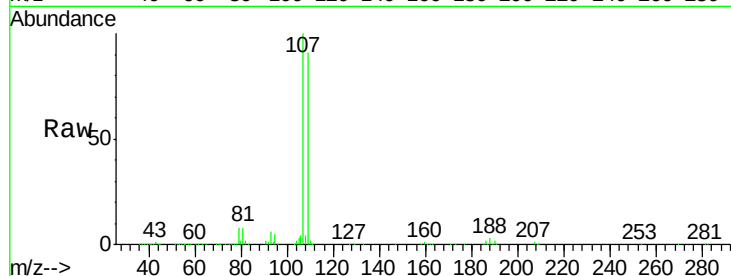
107 100

109 93.5 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

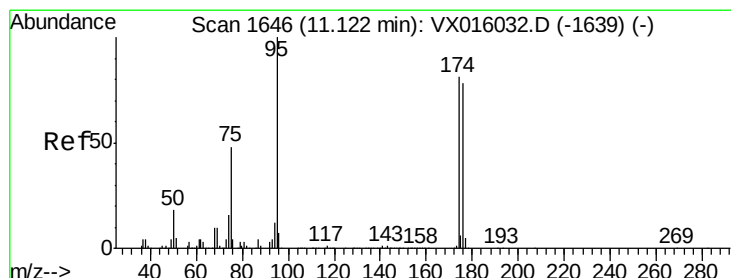
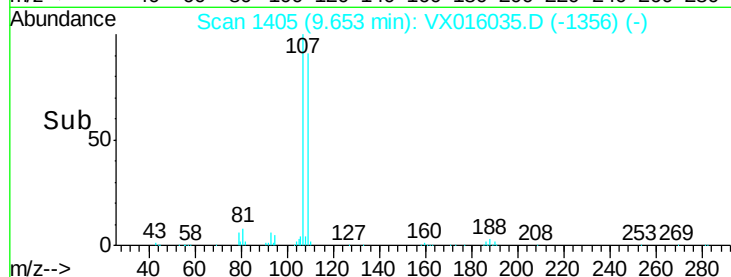
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.471 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

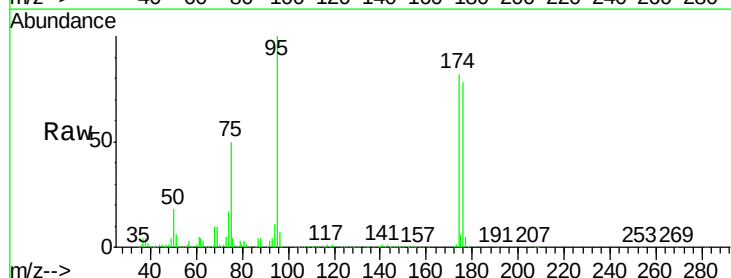
Tgt Ion: 95 Resp: 228500

Ion Ratio Lower Upper

95 100

174 82.1 0.0 159.4

176 77.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

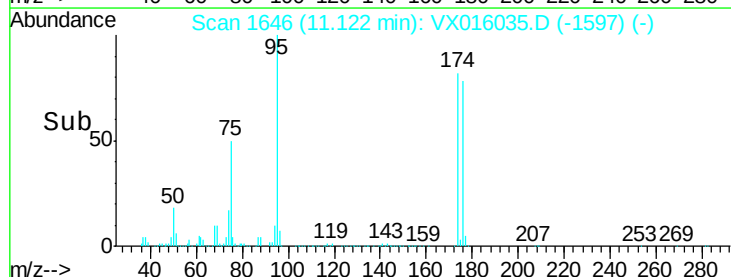
150000

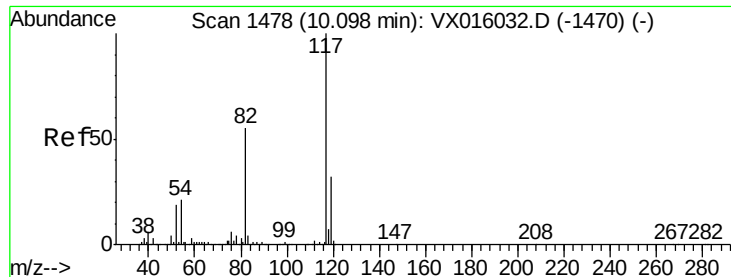
100000

50000

0

Time-->





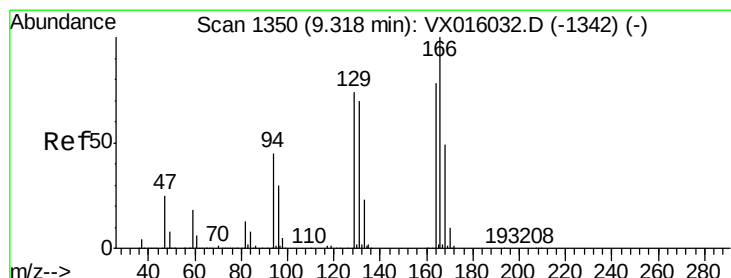
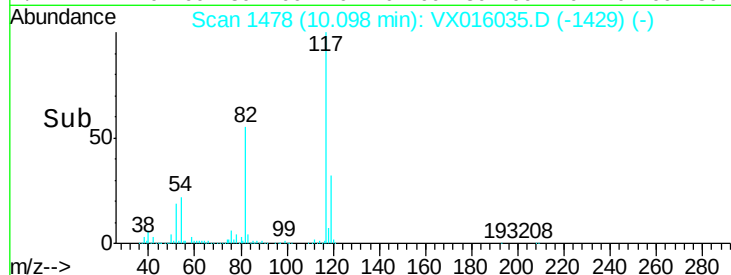
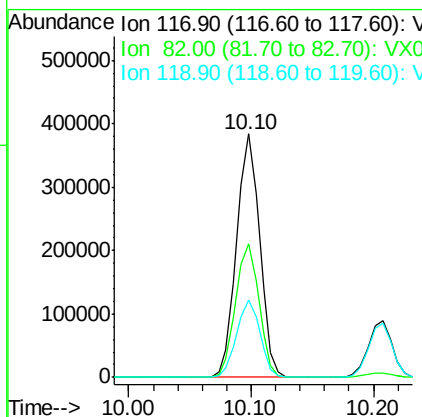
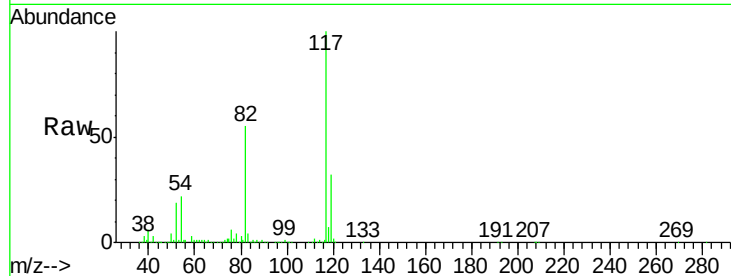
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX050420

Tot Ion	Ratio	Resp	Lower	Upper
117	100	500305		
82	54.9	44.4	66.6	
119	31.7	25.5	38.3	

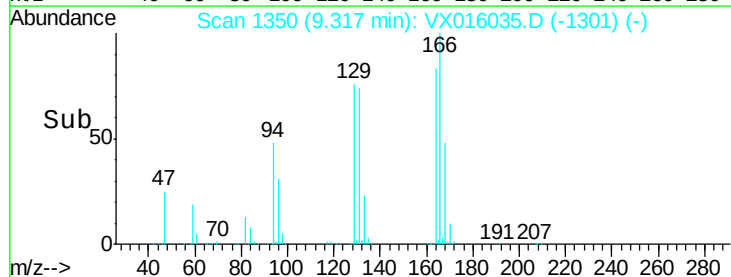
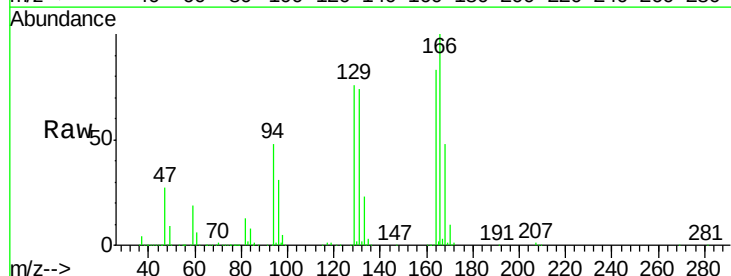
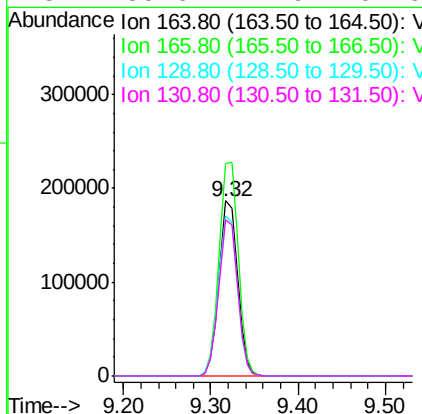
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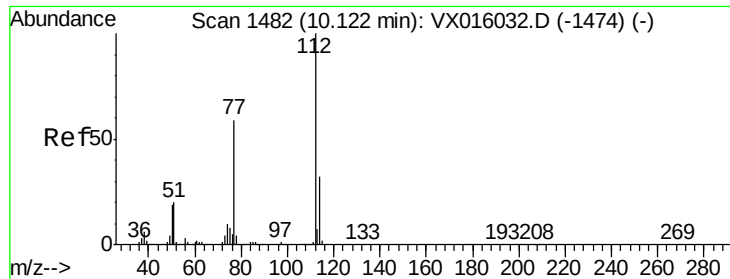
MMDadoda
5/5/2020 11:35:28 AM



#64
Tetrachloroethene
Concen: 44.788 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	275084		
166	121.2	102.9	154.3	
129	91.5	76.1	114.1	
131	89.6	71.9	107.9	





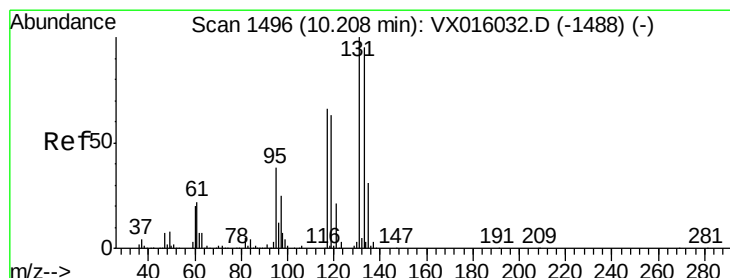
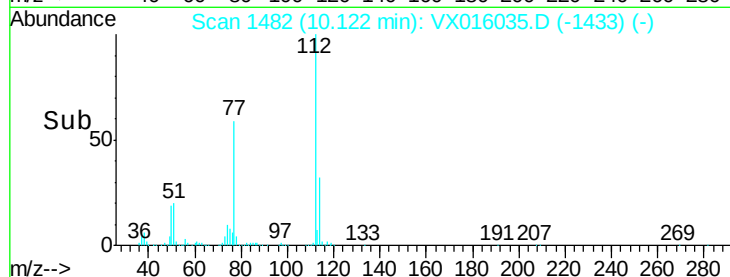
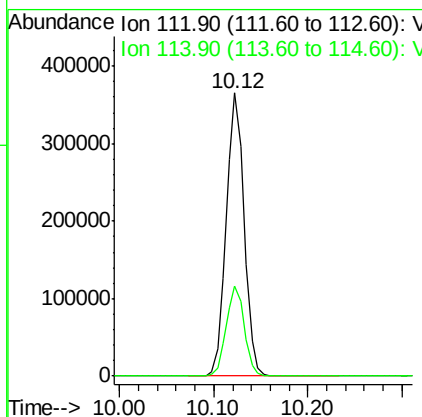
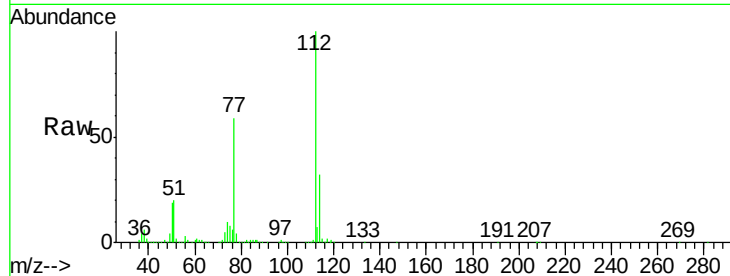
#65
Chlorobenzene
Concen: 45.921 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion:112 Resp: 481059
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

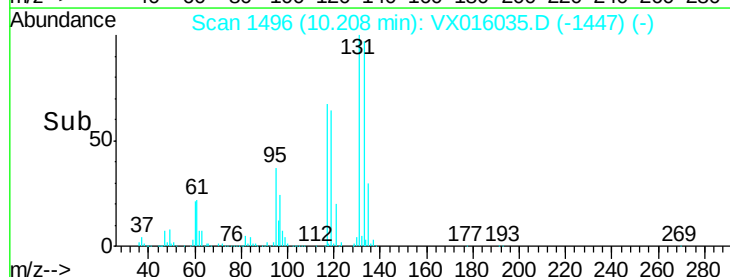
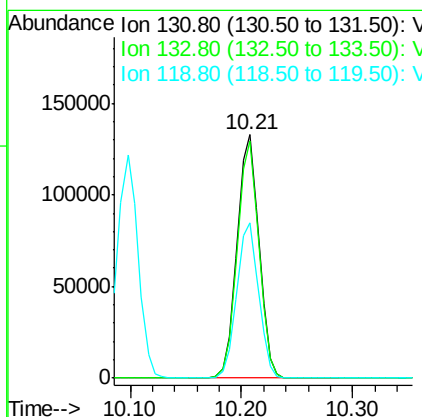
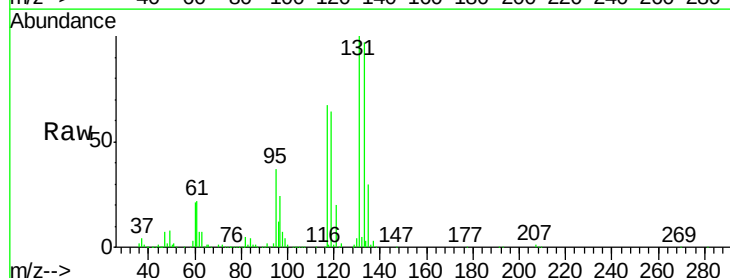
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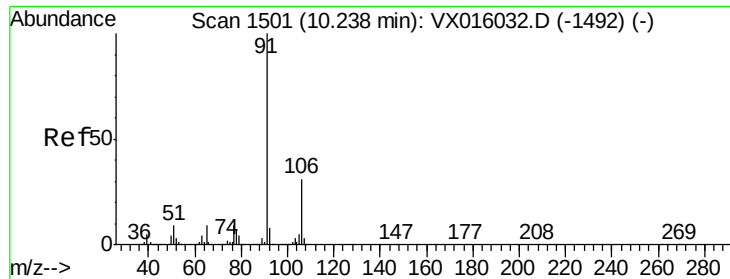
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.600 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion:131 Resp: 180433
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.8
119 64.0 32.3 96.9





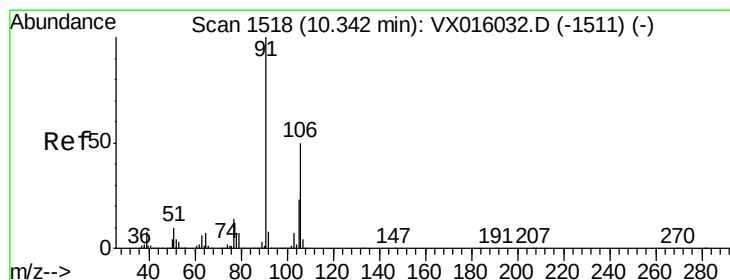
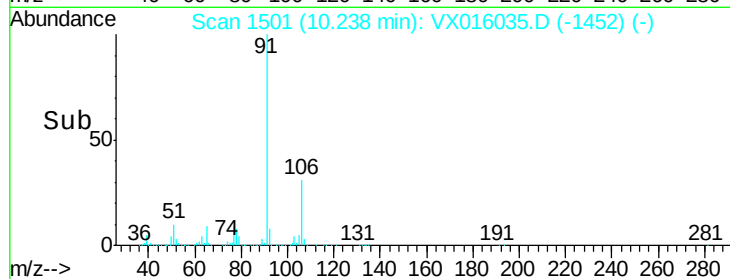
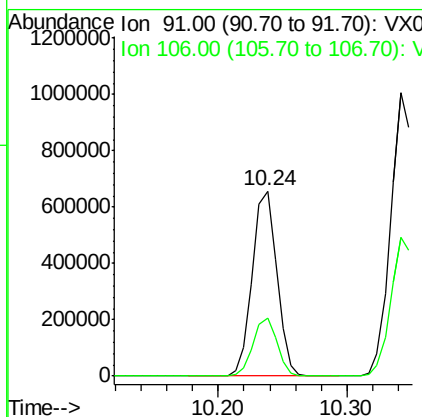
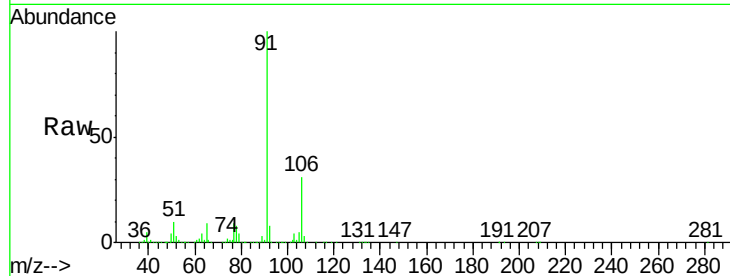
#67
Ethyl Benzene
Concen: 45.927 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX050420

Tot Ion: 91 Resp: 858448
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

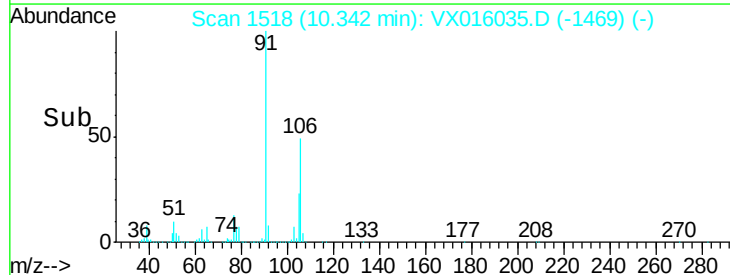
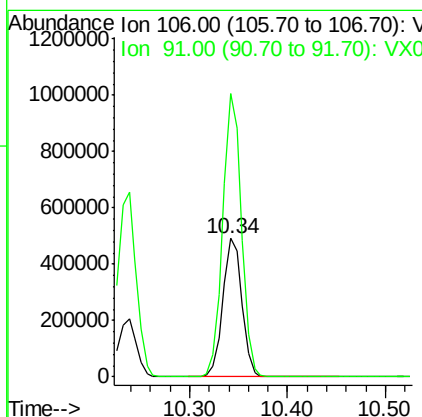
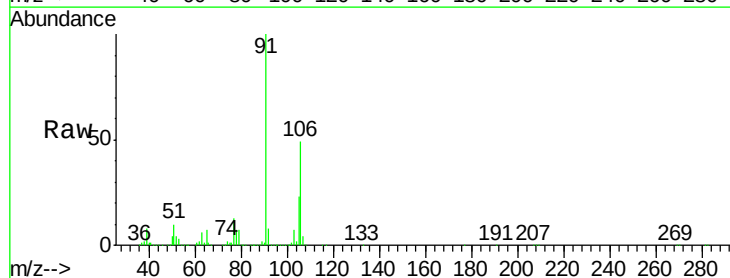
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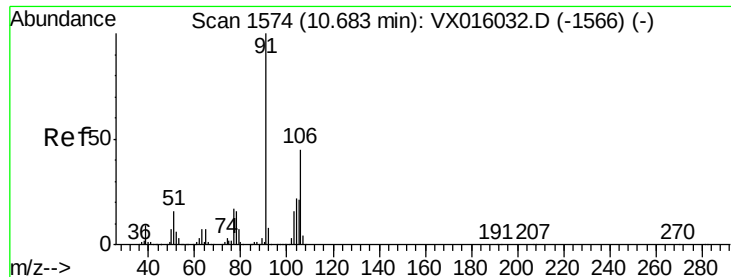
MMDadoda
5/5/2020 11:35:28 AM



#68
m/p-Xylenes
Concen: 94.318 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion: 106 Resp: 660513
Ion Ratio Lower Upper
106 100
91 201.5 161.7 242.5





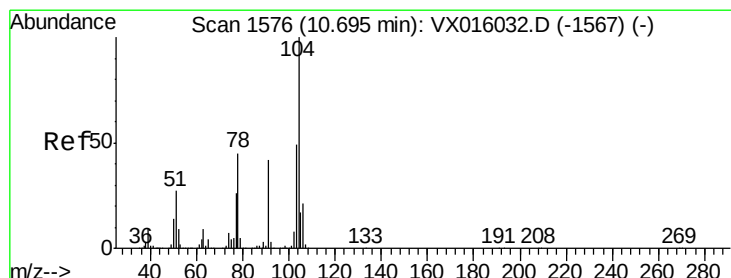
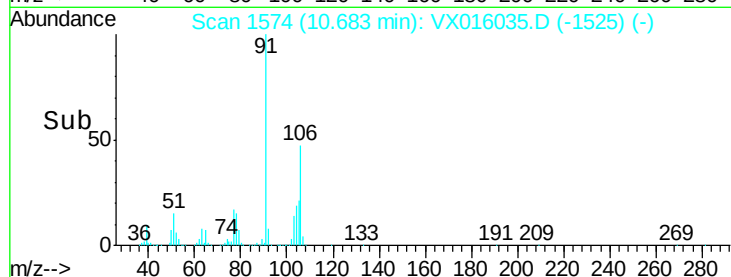
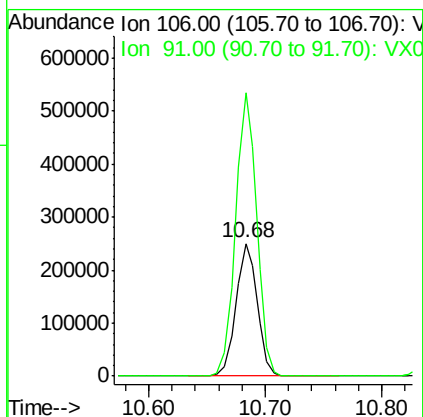
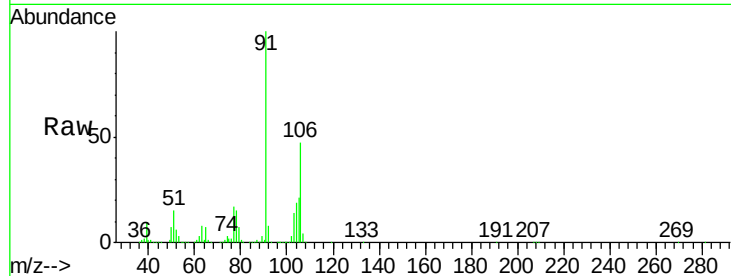
#69
o-Xylene
Concen: 46.926 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.6	107.5	315885	322.6	

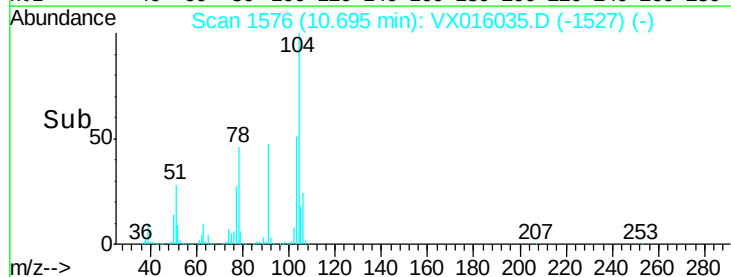
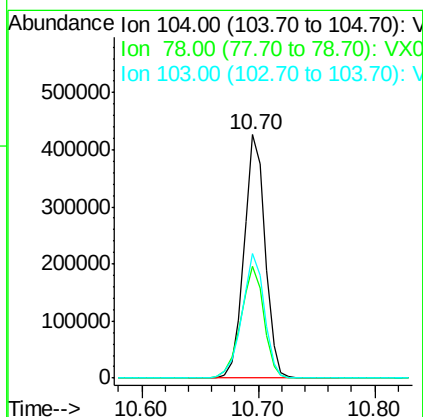
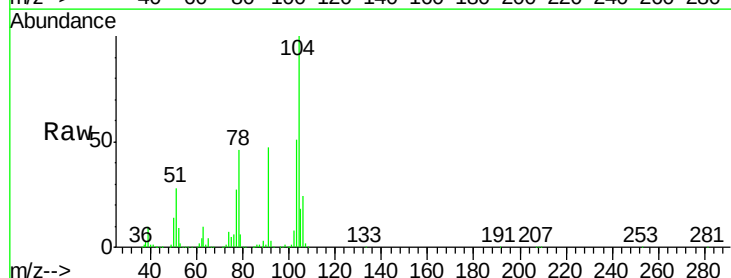
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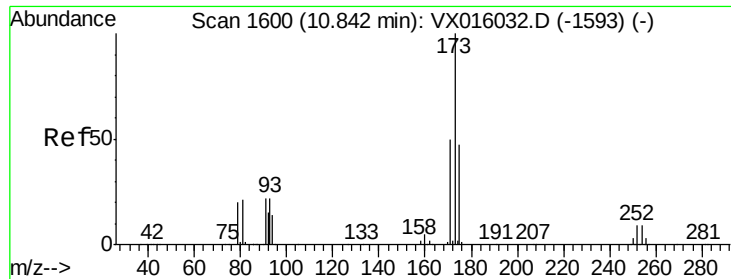
MMDadoda
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#70
Styrene
Concen: 47.177 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.5	40.2	538763	60.2	
103	54.2	43.0		64.6	





#71

Bromoform

Concen: 48.089 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

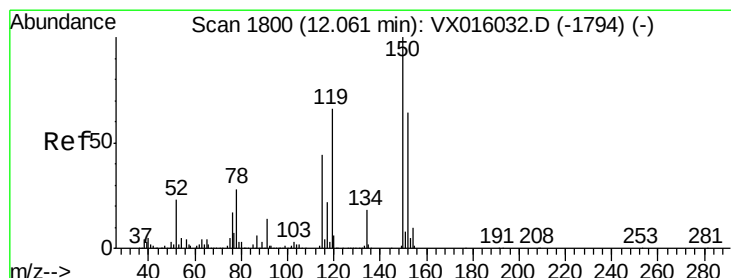
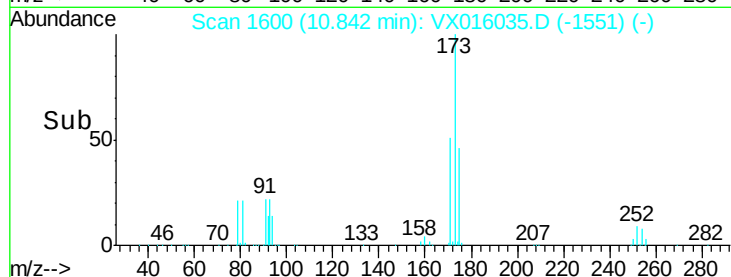
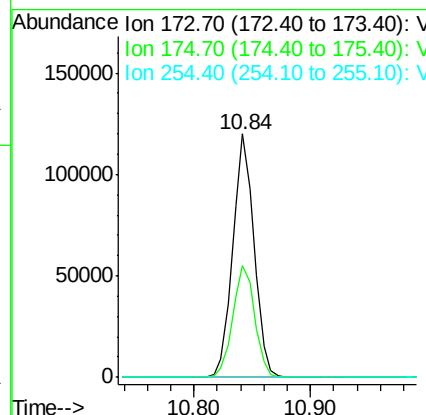
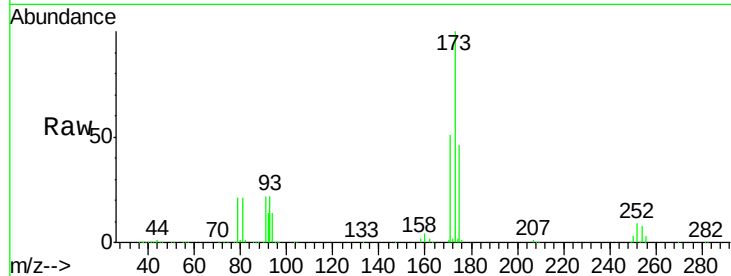
ClientSampleId :

ICVVX050420

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.0	72.0
254	0.2	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

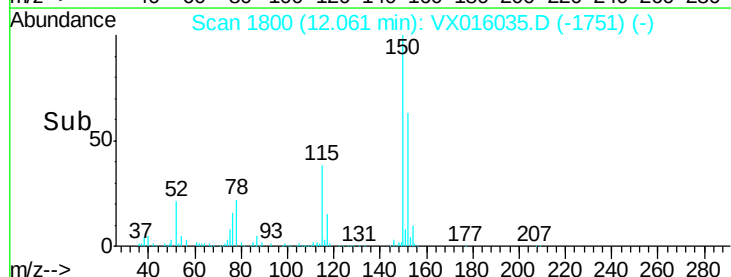
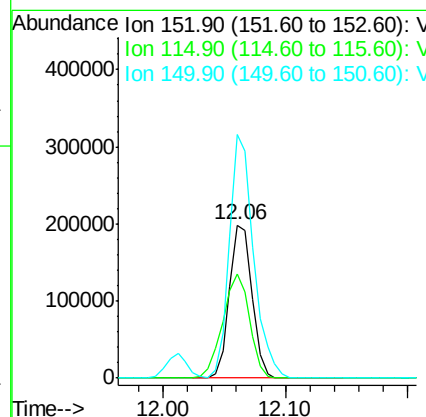
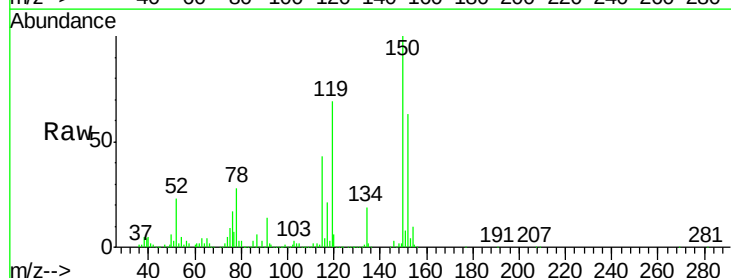
RT: 12.06 min Scan# 1800

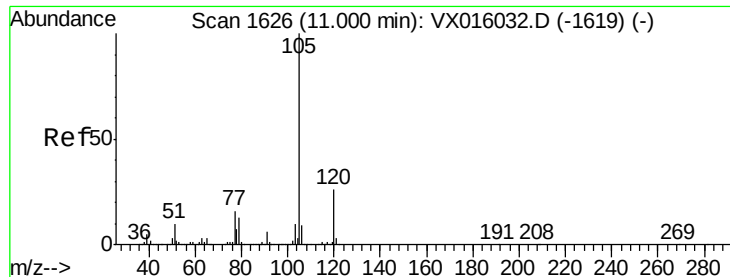
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.4	41.3	124.1
150	170.9	0.0	352.2





#73

Isopropylbenzene

Concen: 46.547 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 105 Resp: 852249

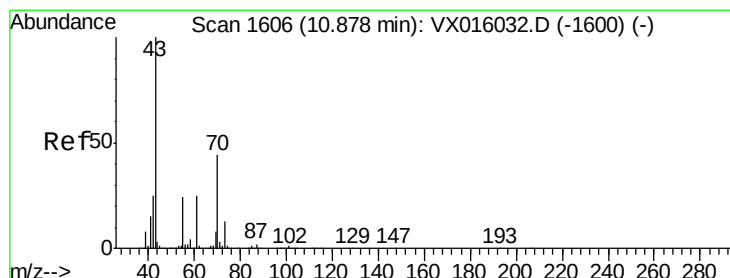
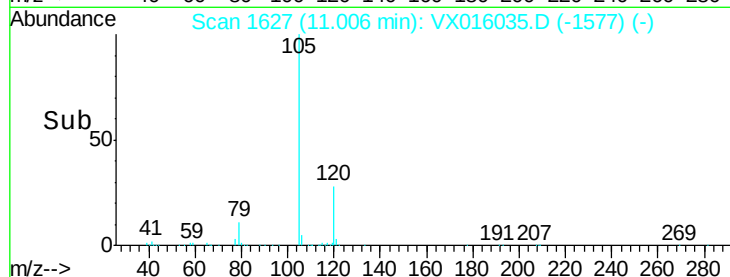
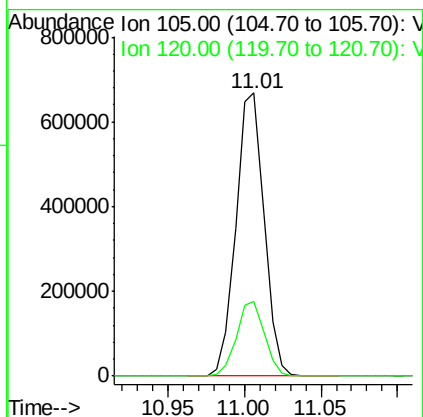
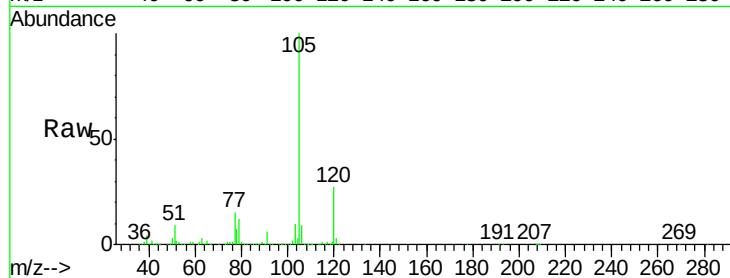
Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 46.284 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion: 43 Resp: 395276

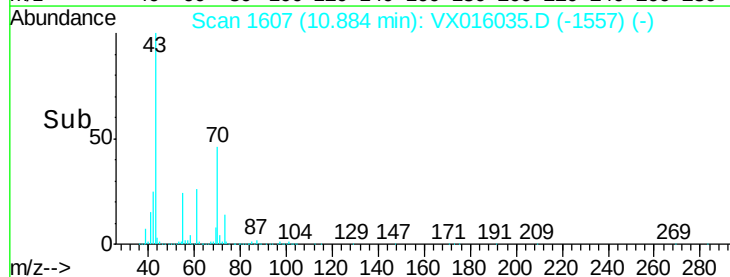
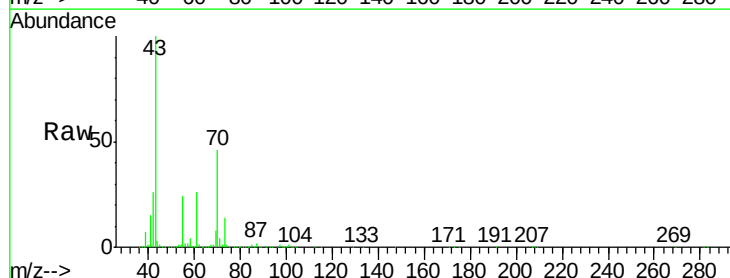
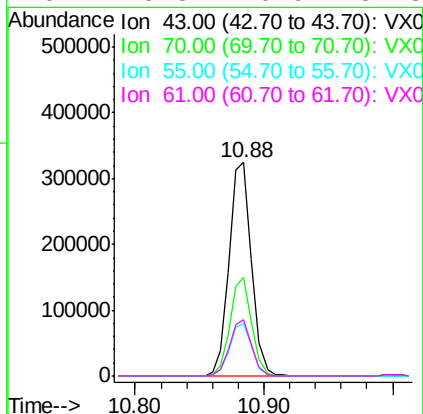
Ion Ratio Lower Upper

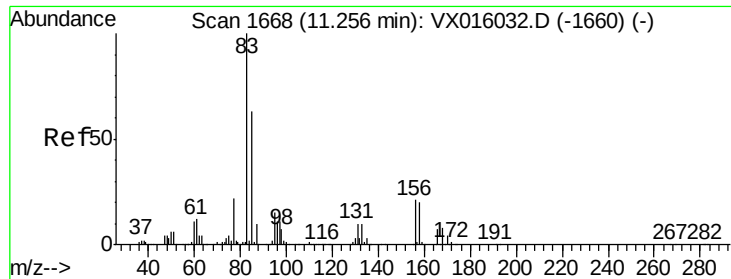
43 100

70 44.7 36.5 54.7

55 24.5 19.7 29.5

61 25.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.034 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion: 83 Resp: 177388

Ion Ratio Lower Upper

83 100

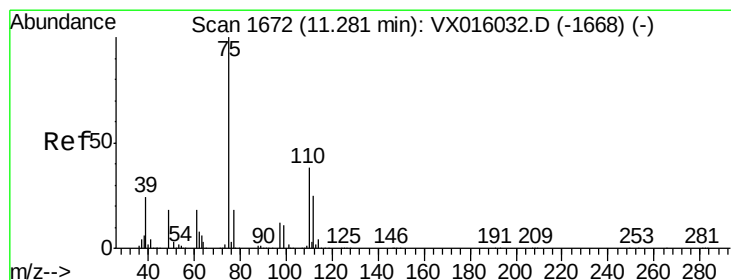
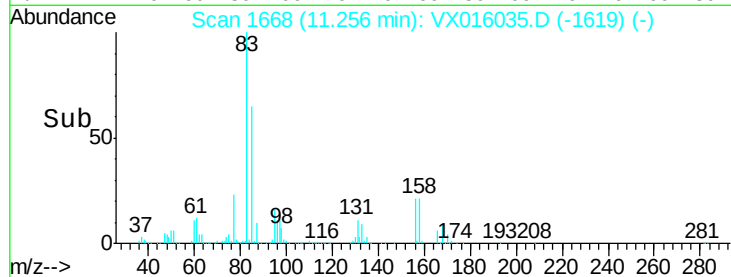
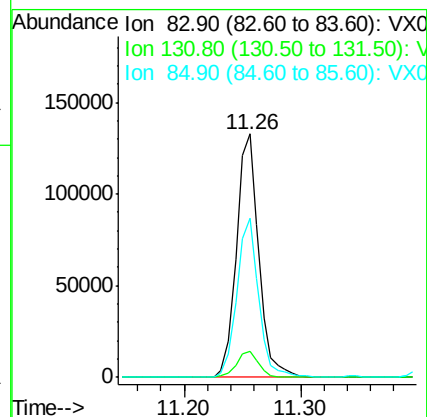
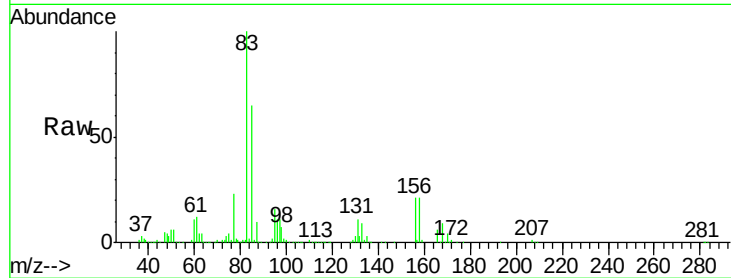
131 10.4 5.1 15.4

85 64.2 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 44.972 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016035.D

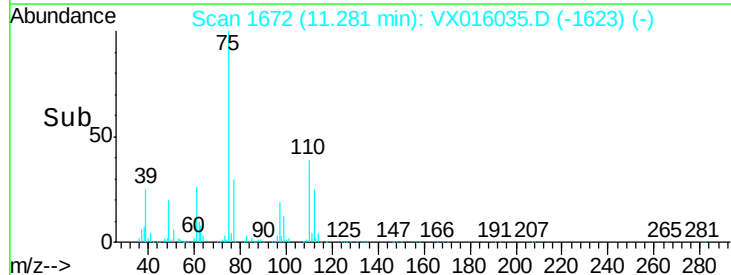
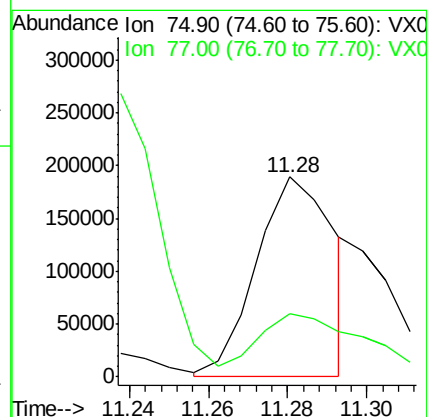
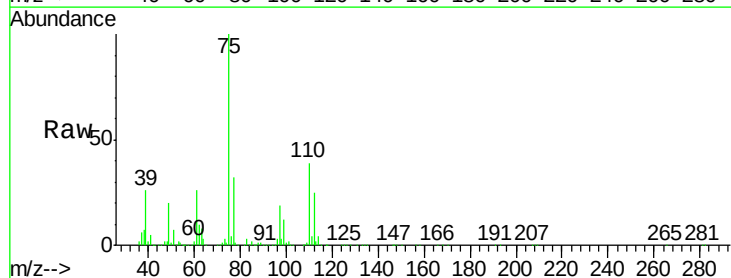
Acq: 04 May 2020 14:39

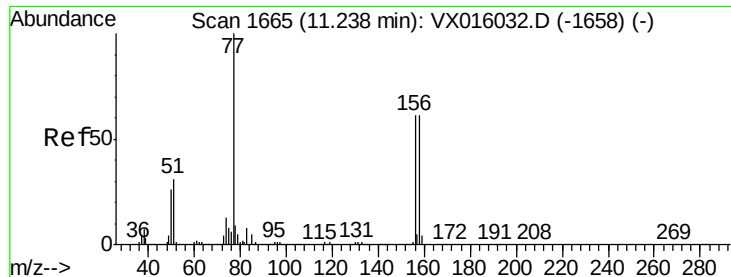
Tgt Ion: 75 Resp: 256891

Ion Ratio Lower Upper

75 100

77 43.8 21.2 63.6





#77

Bromobenzene

Concen: 44.897 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

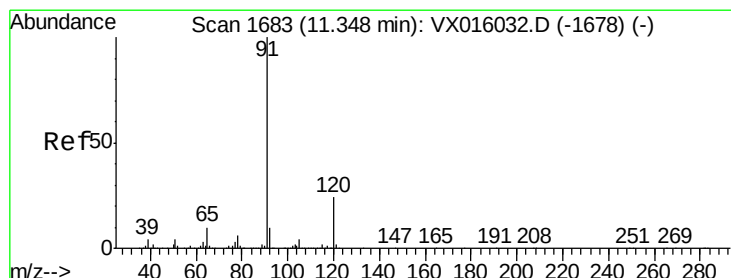
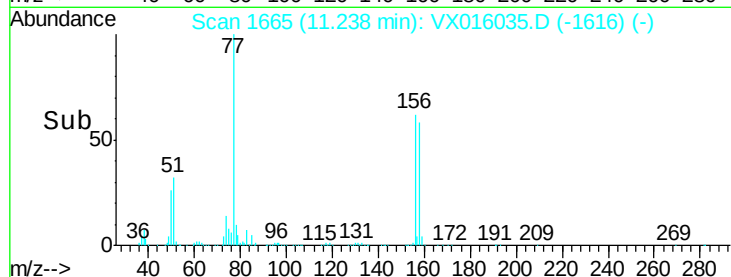
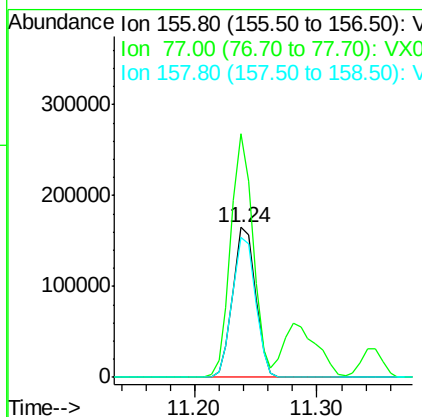
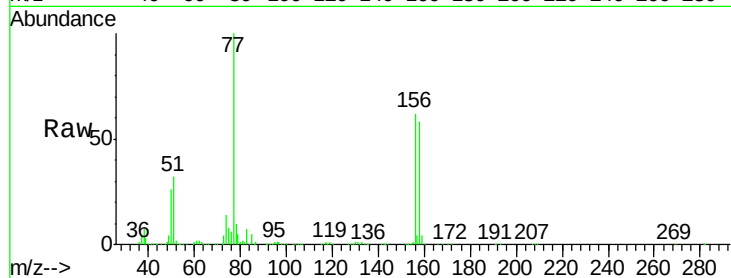
ClientSampleId :

ICVVX050420

Tot Ion:	156	Resp:	212180
Ion Ratio	Lower	Upper	
156	100		
77	158.9	80.1	240.3
158	95.4	49.4	148.2

Manual Integrations
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5/5/2020 11:35:28 AM



#78

n-propylbenzene

Concen: 45.892 ug/l

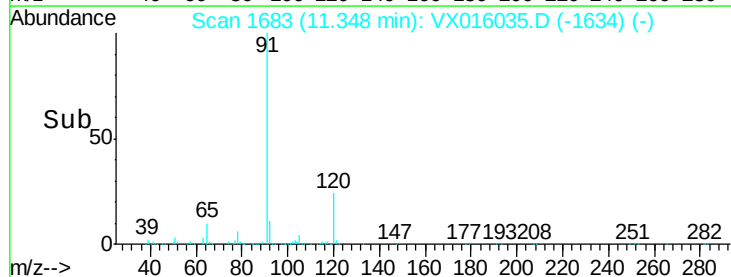
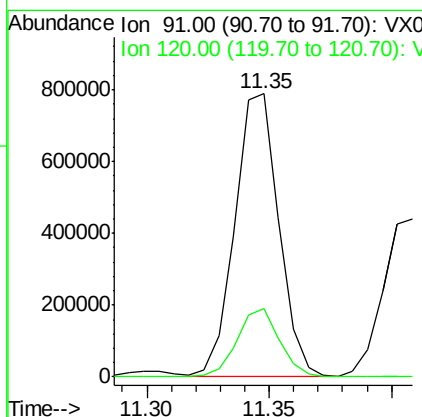
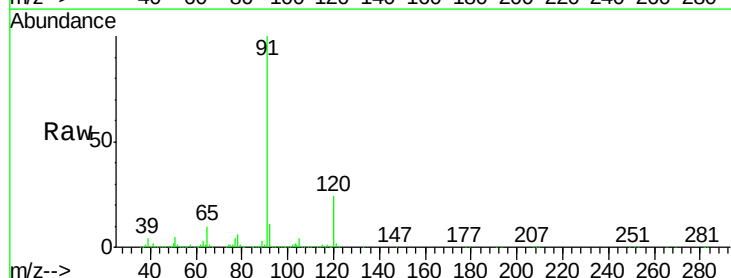
RT: 11.35 min Scan# 1683

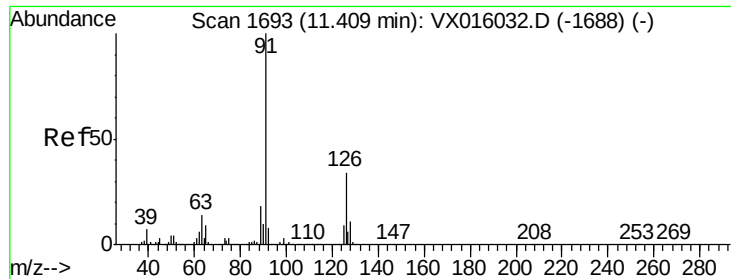
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	91	Resp:	977493
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.5





#79

2-Chlorotoluene

Concen: 45.506 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX050420

Tot Ion: 91 Resp: 572140

Ion Ratio Lower Upper

91 100

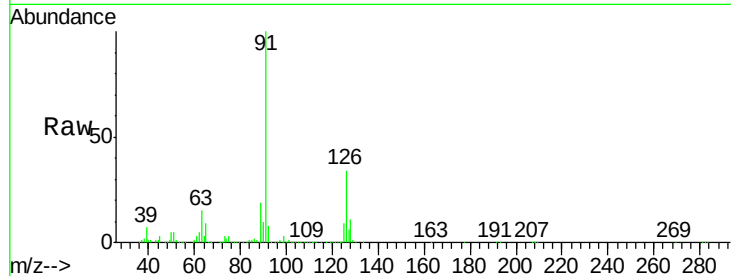
126 33.5 16.9 50.6

Manual Integrations

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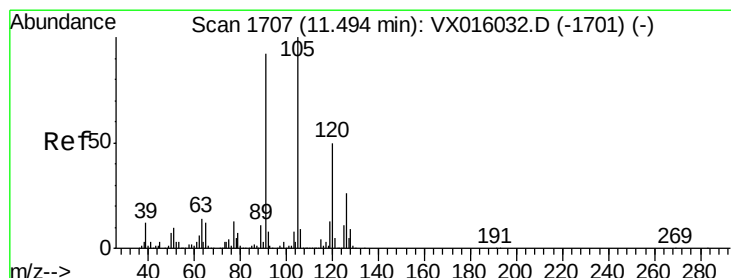
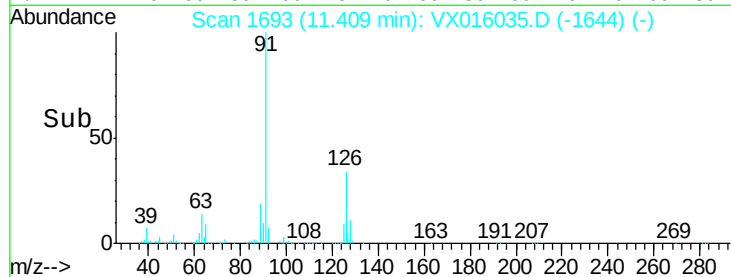
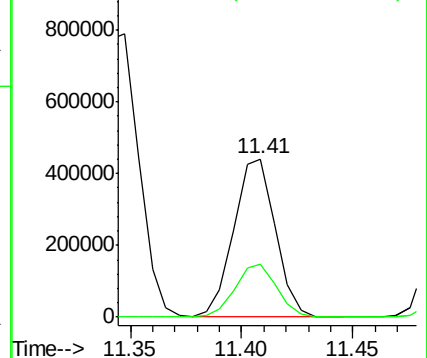
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.179 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016035.D

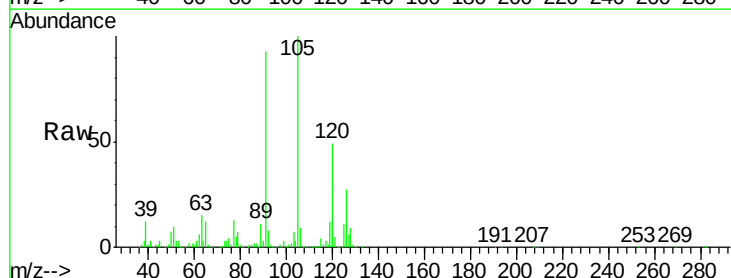
Acq: 04 May 2020 14:39

Tgt Ion: 105 Resp: 713885

Ion Ratio Lower Upper

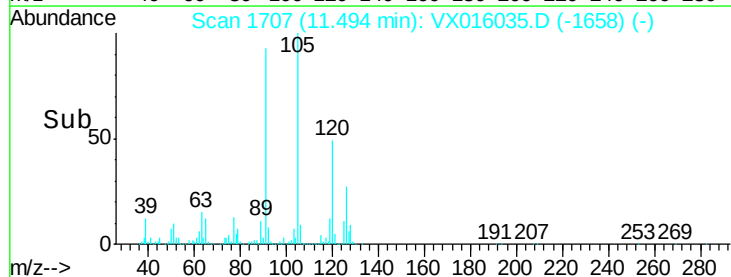
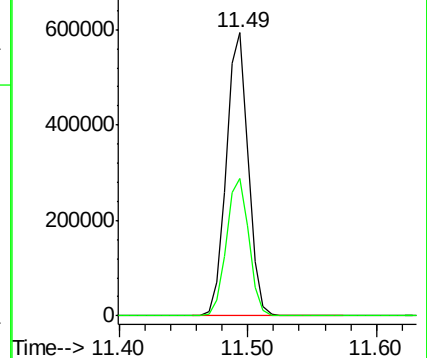
105 100

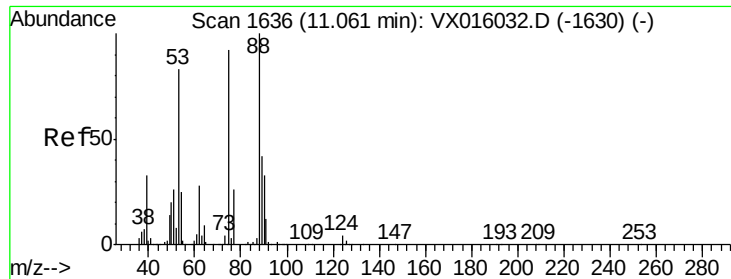
120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





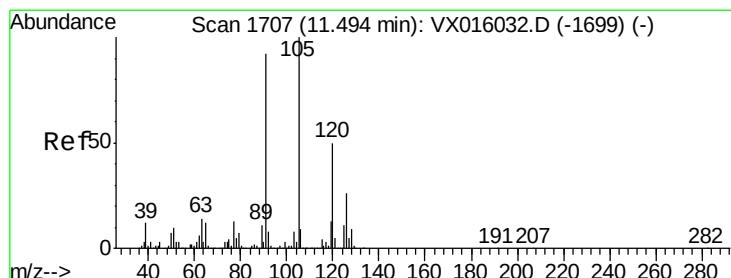
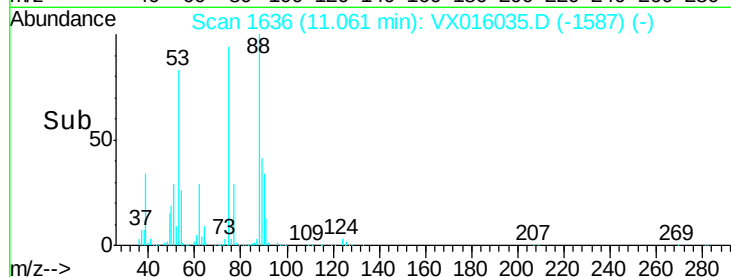
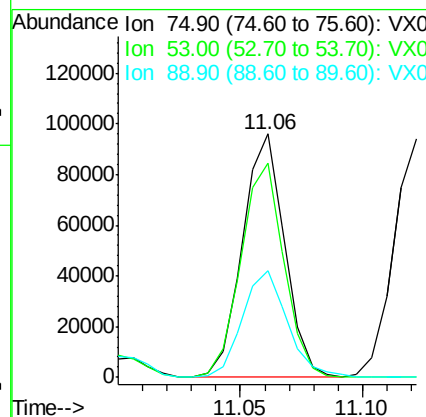
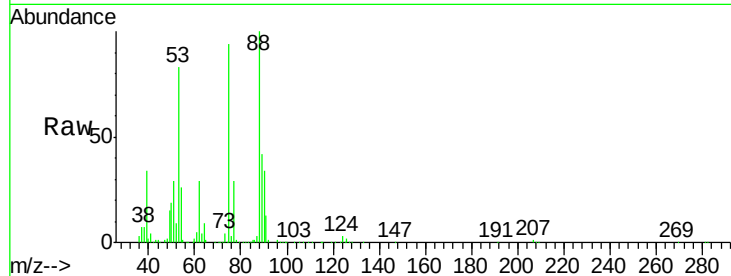
#81
trans-1,4-Dichloro-2-butene
Concen: 47.733 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.2	73.1	109.7
89	47.1	36.7	55.1

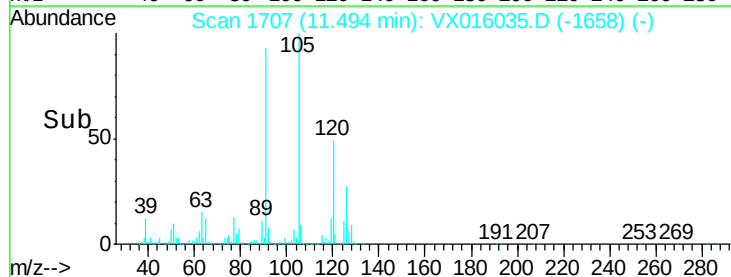
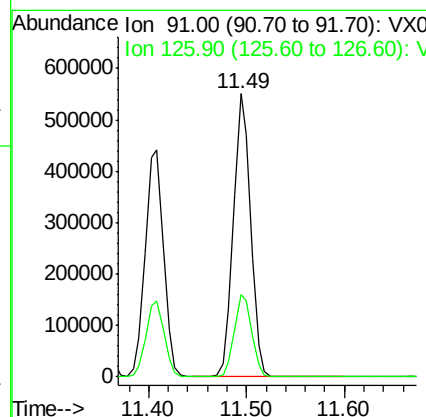
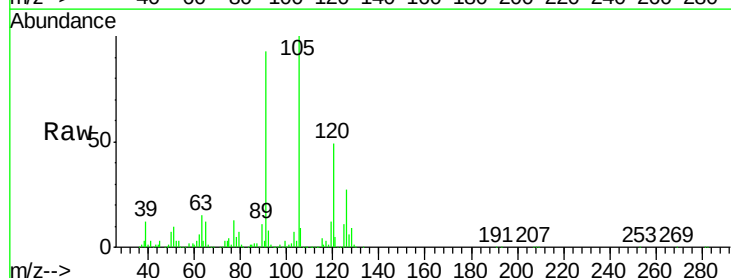
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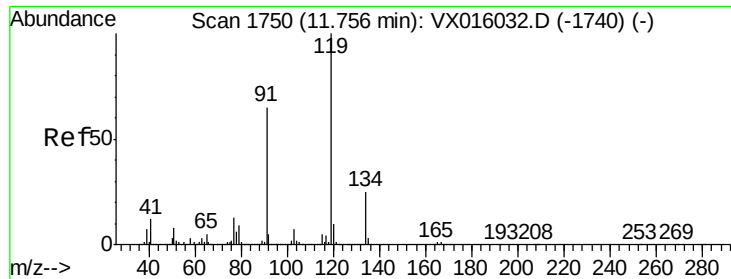
MMDadoda
5/5/2020 11:35:28 AM



#82
4-Chlorotoluene
Concen: 45.390 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.3





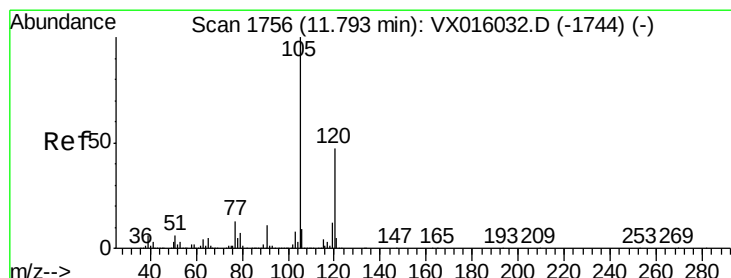
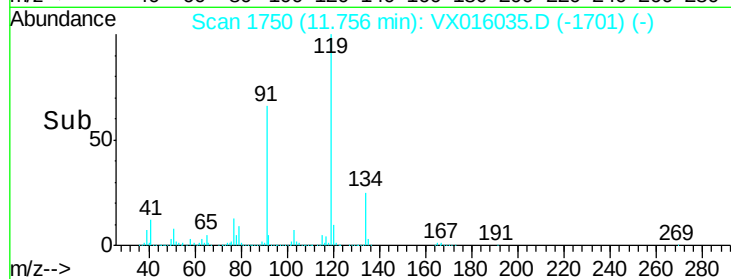
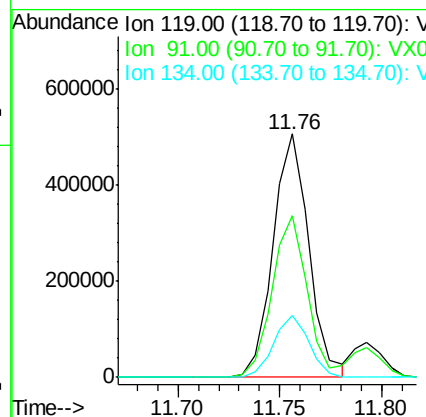
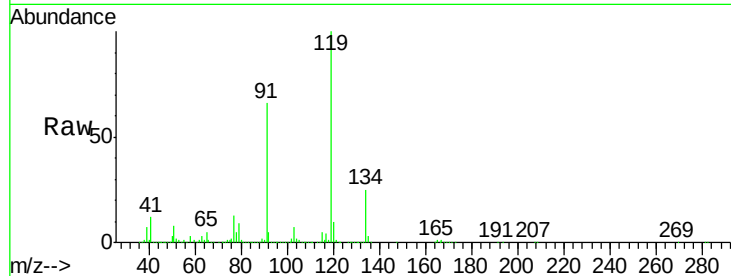
#83
 tert-Butylbenzene
 Concen: 46.453 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Tot Ion	Ratio	Resp	Lower	Upper
119	100	618865		
91	65.9	32.8	98.4	
134	24.8	12.4	37.0	

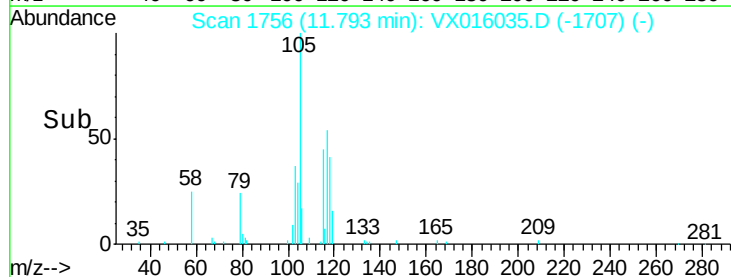
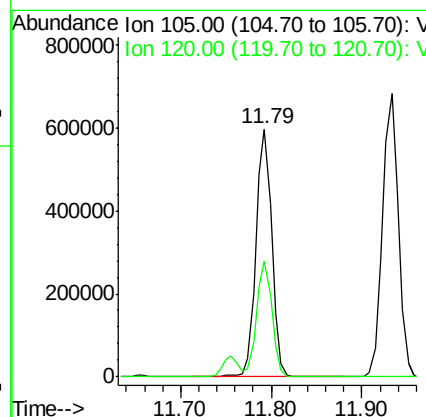
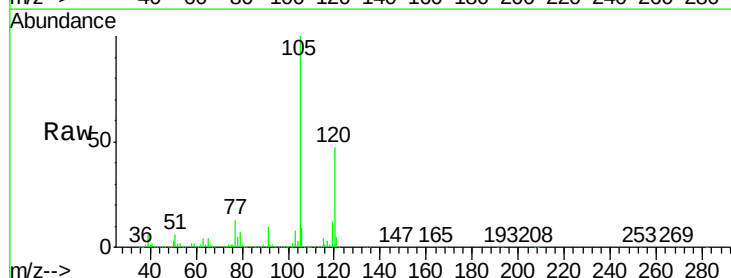
Manual Integrations
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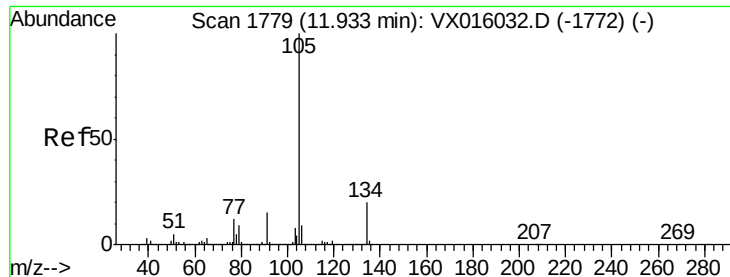
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.878 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	717029		
120	45.6	23.0	69.0	





#85

sec-Butylbenzene

Concen: 45.851 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050420

Tot Ion:105 Resp: 824759

Ion Ratio Lower Upper

105 100

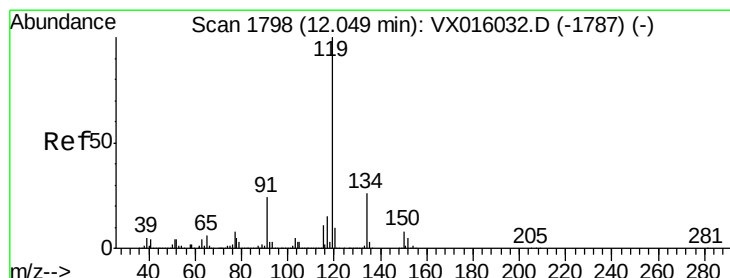
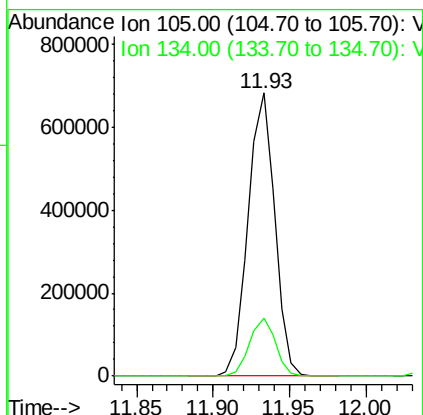
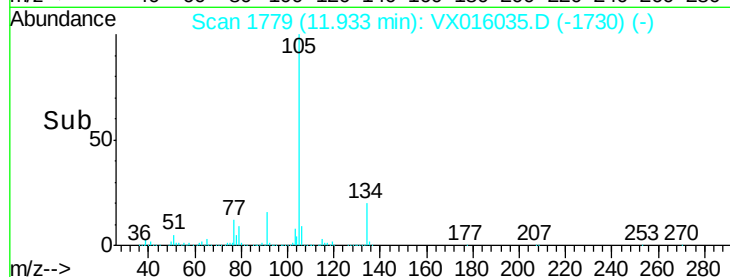
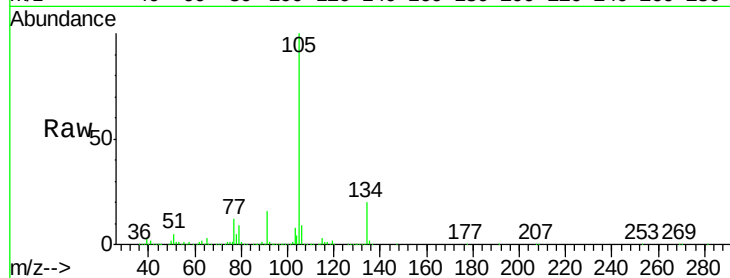
134 20.2 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 46.092 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

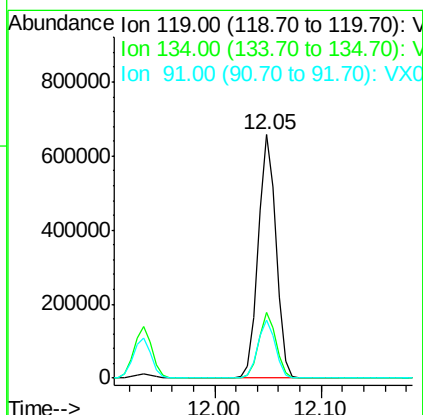
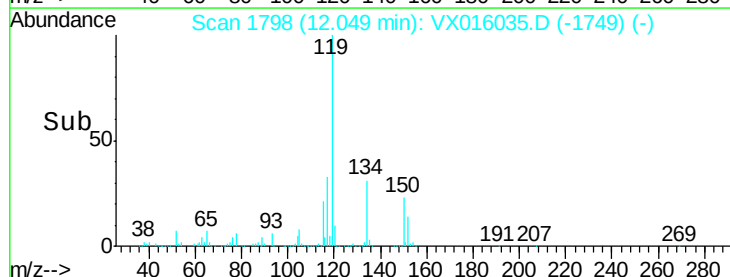
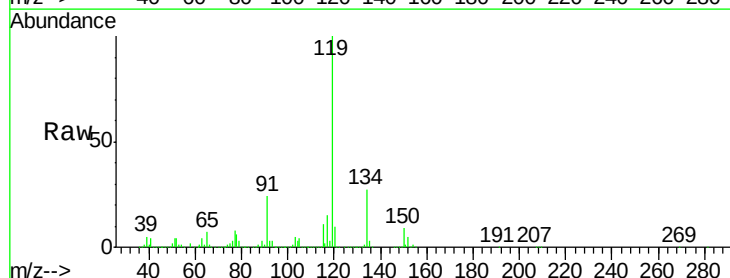
Tgt Ion:119 Resp: 769776

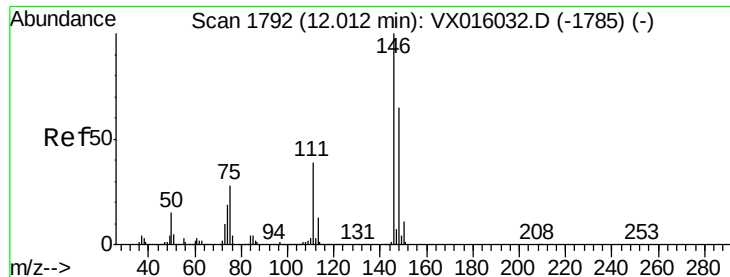
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 44.119 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

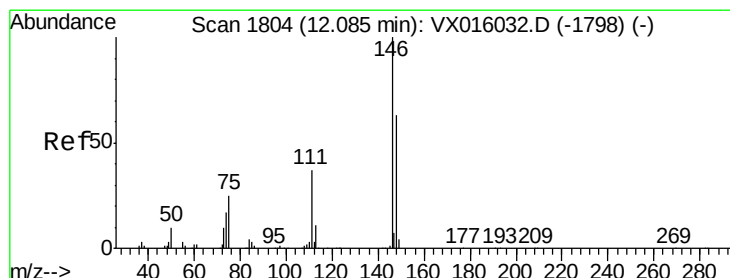
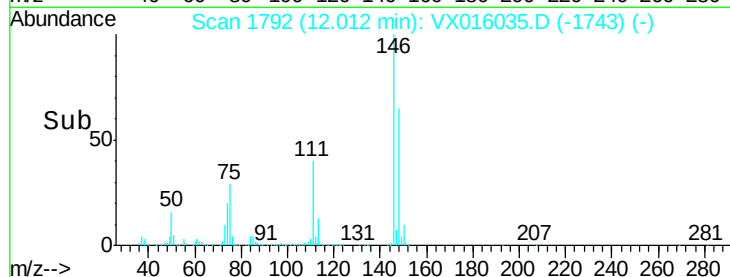
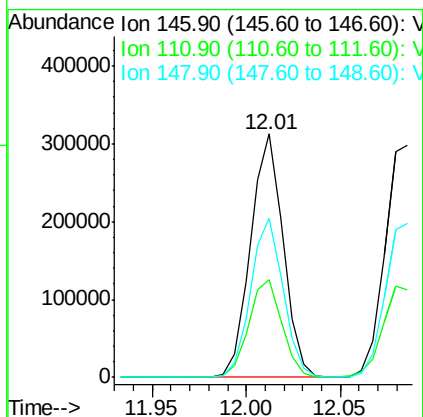
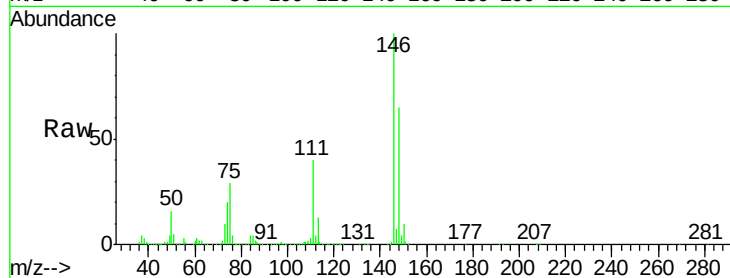
ClientSampleId :

ICVVX050420

Tot Ion:	146	Resp:	374372
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.2	60.6
148	65.0	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 43.721 ug/l

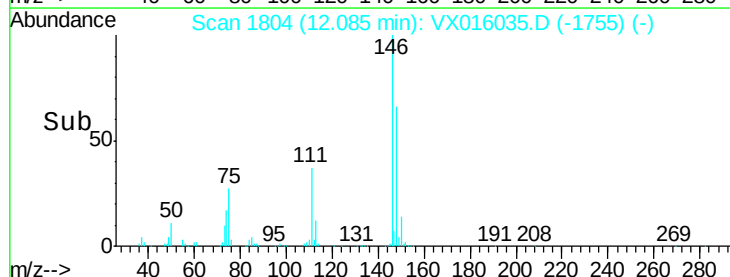
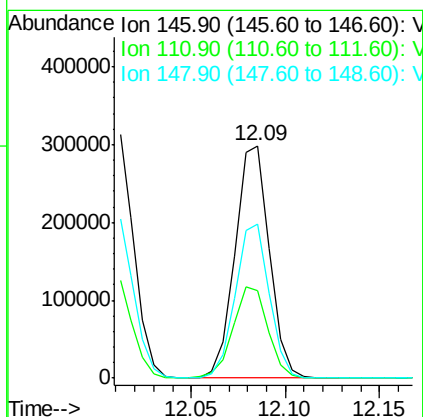
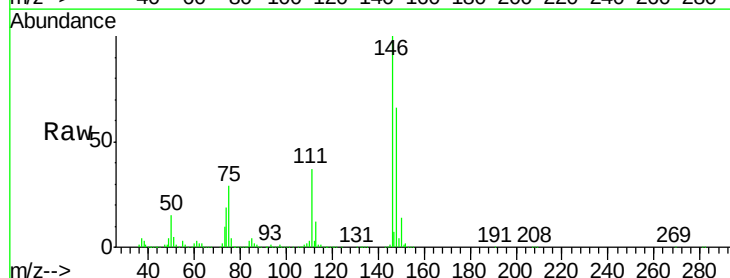
RT: 12.09 min Scan# 1804

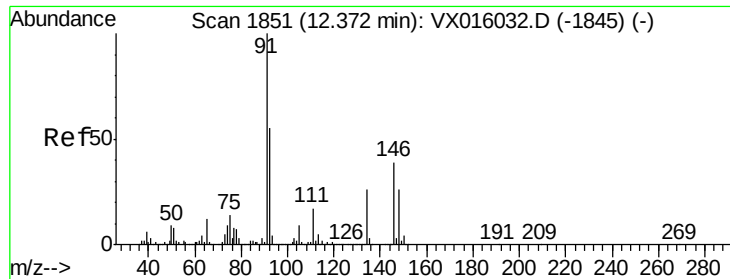
Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	146	Resp:	376555
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.6	58.7
148	65.9	31.8	95.3





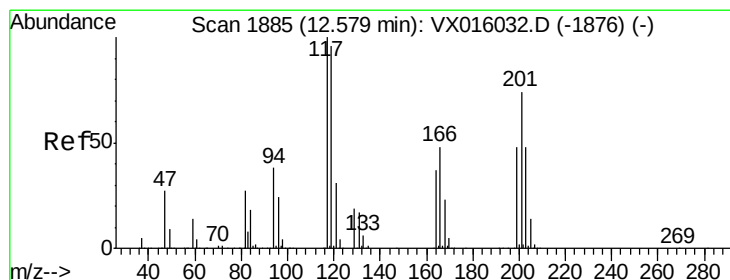
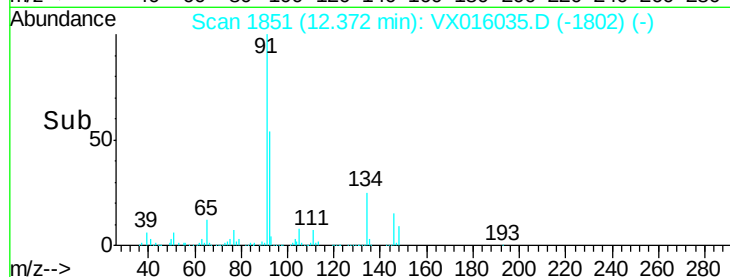
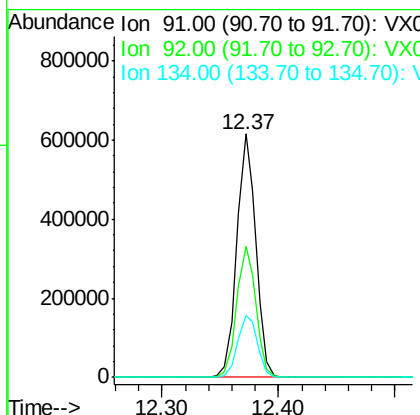
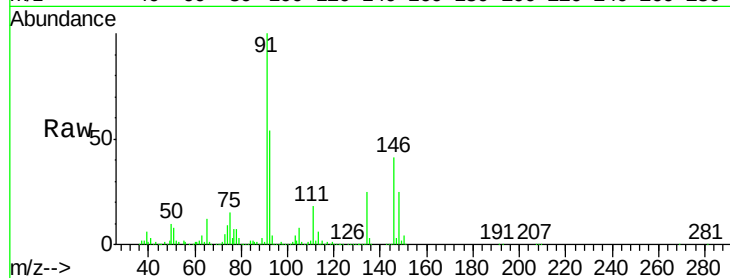
#89
n-Butylbenzene
Concen: 45.660 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050420

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.7
134	26.5	13.4	40.1

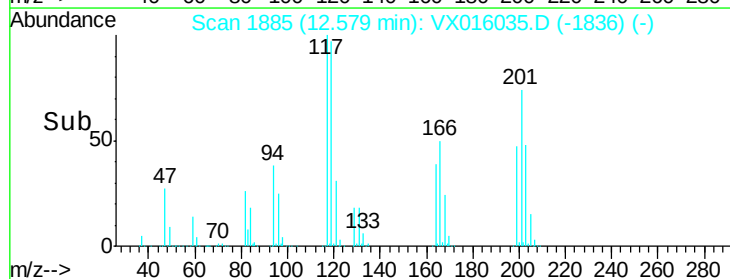
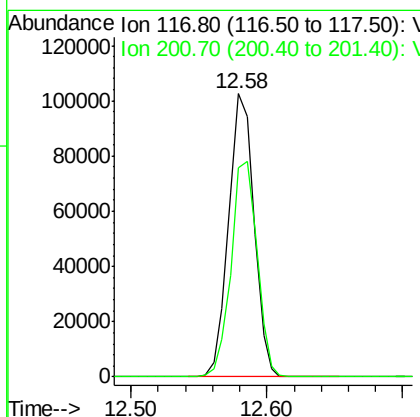
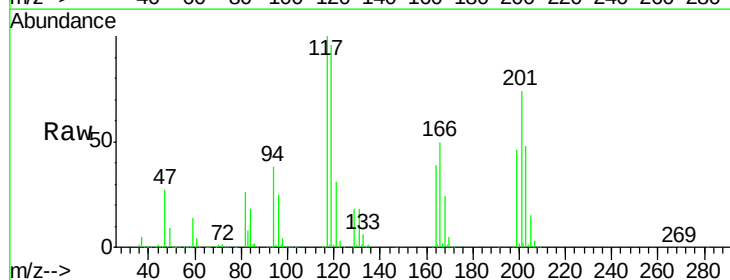
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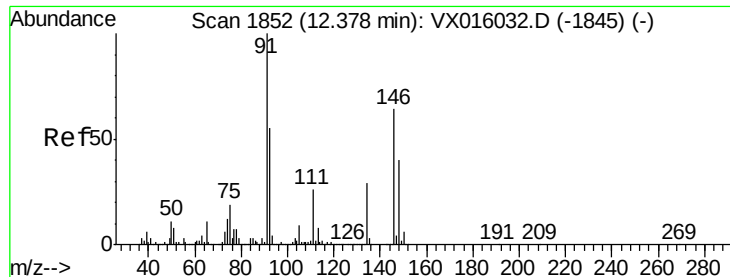
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#90
Hexachloroethane
Concen: 46.627 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016035.D
Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.8	39.8	119.3





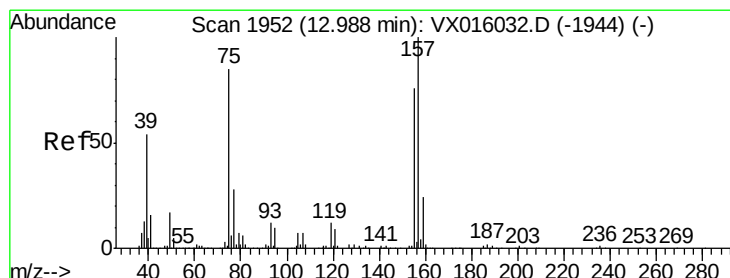
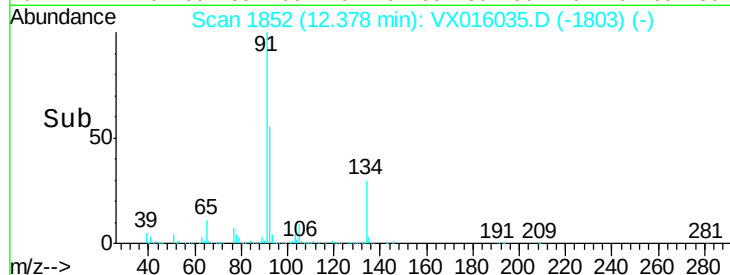
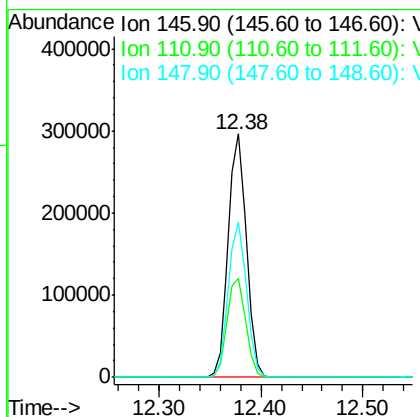
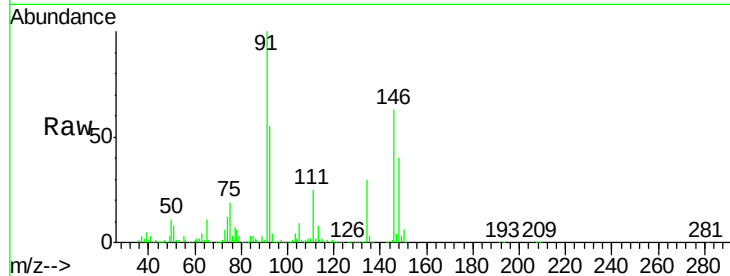
#91
 1,2-Dichlorobenzene
 Concen: 44.620 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Tot Ion	Ratio	Resp	Lower	Upper
146	100	364577		
111	41.7	21.1	63.1	
148	63.7	32.4	97.0	

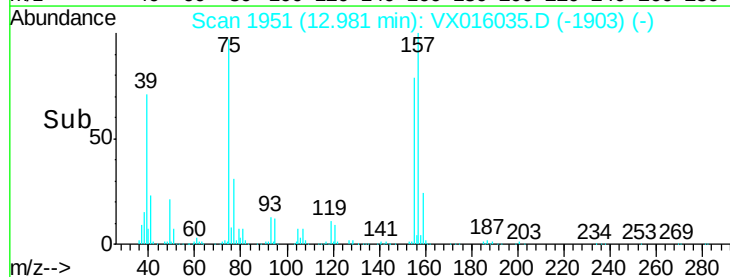
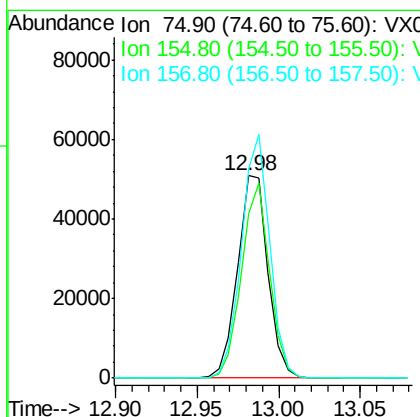
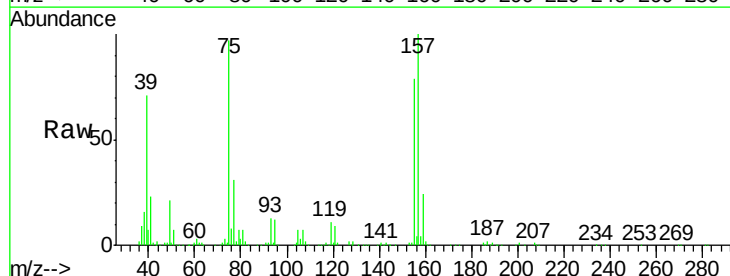
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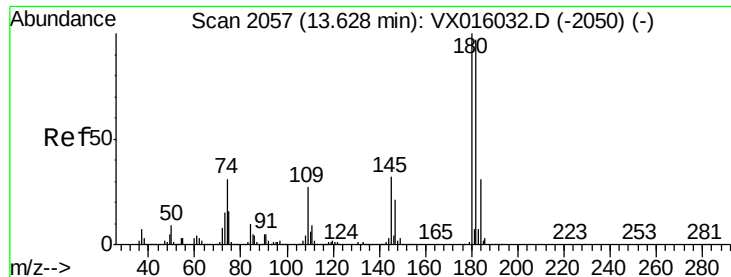
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.829 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65985		
155	89.6	42.5	127.5	
157	112.3	55.3	165.8	





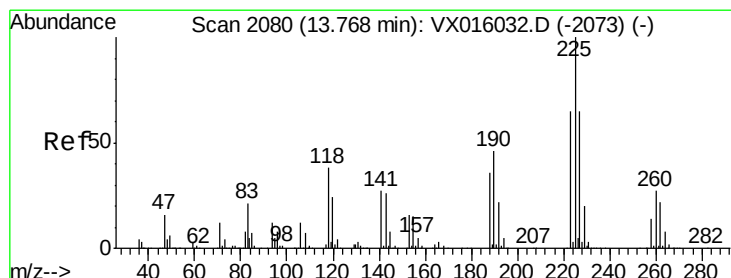
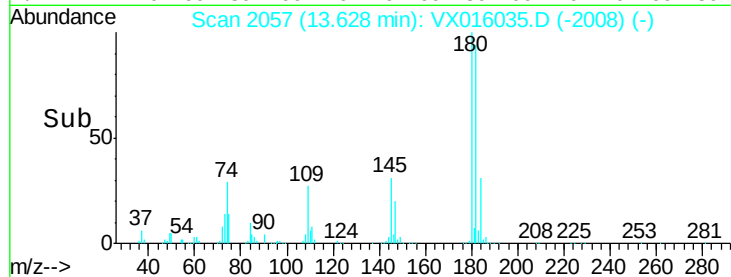
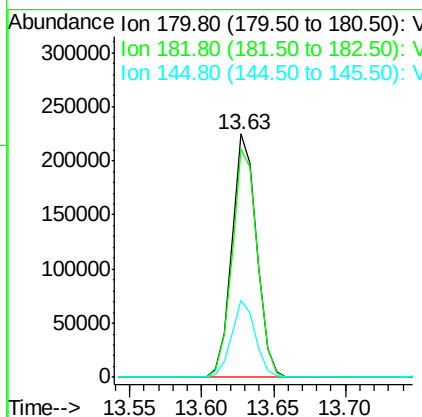
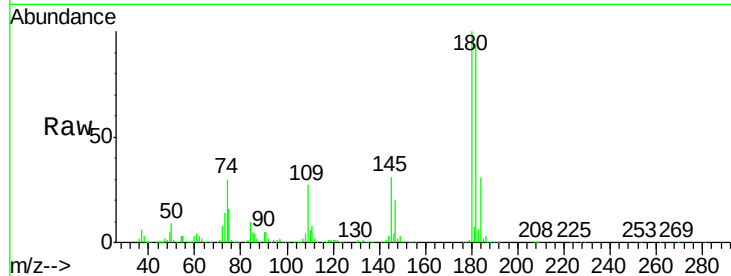
#93
 1,2,4-Trichlorobenzene
 Concen: 44.879 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050420

Tot Ion	Ratio	Resp	Lower	Upper
180	100	271485		
182	94.8	48.7	146.1	
145	30.7	15.7	47.1	

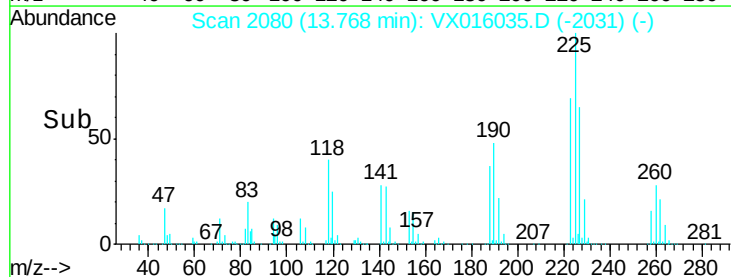
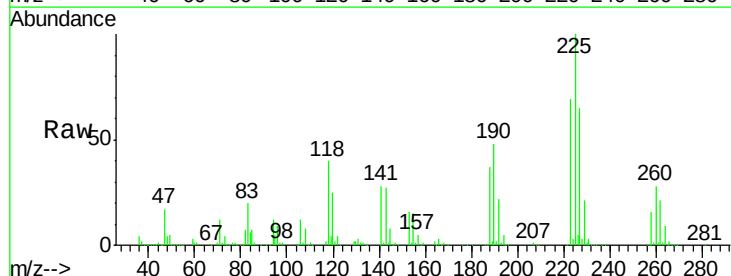
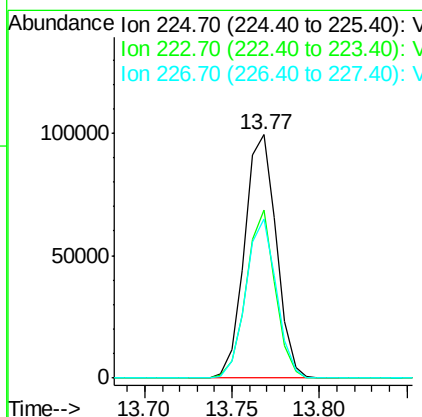
Manual Integrations
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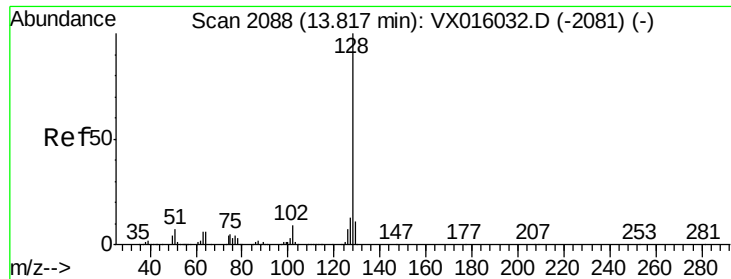
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 47.992 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016035.D
 Acq: 04 May 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124956		
223	62.8	32.3	96.9	
227	62.8	31.8	95.4	





#95

Naphthalene

Concen: 44.792 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Instrument :

MSVOA_X

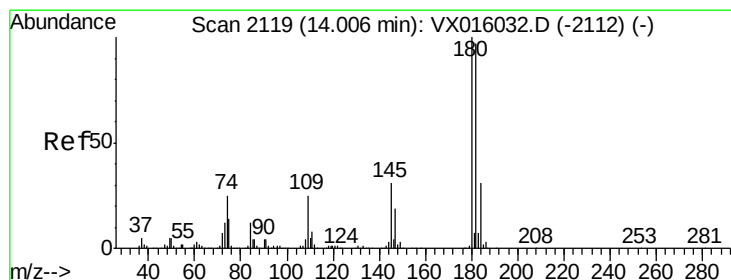
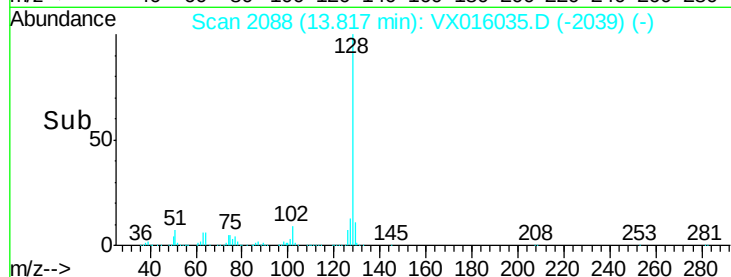
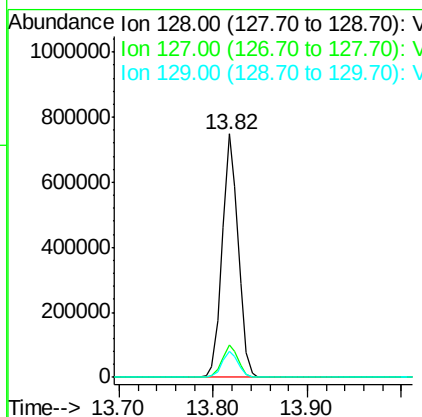
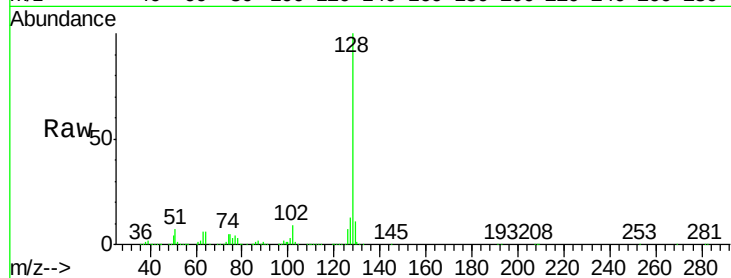
ClientSampleId :

ICVVX050420

Tot Ion:	128	Resp:	877364
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 44.503 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016035.D

Acq: 04 May 2020 14:39

Tgt Ion:	180	Resp:	263103
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.0
145	32.8	16.4	49.1

