

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014446.D
 Acq On : 07 Jan 2020 13:58
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:15:47 AM

Quant Time: Jan 07 15:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	539112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	818764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369222	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	32604	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
35) Dibromofluoromethane	5.49	113	25207	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
50) Toluene-d8	8.71	98	96659	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
62) 4-Bromofluorobenzene	11.13	95	35616	5.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	21978	4.217	ug/l 100
3) Chloromethane	1.32	50	30381	4.601	ug/l 98
4) Vinyl Chloride	1.40	62	32055	4.503	ug/l 100
5) Bromomethane	1.63	94	26440	5.393	ug/l 95
6) Chloroethane	1.72	64	21426	5.005	ug/l 99
7) Trichlorofluoromethane	1.92	101	44033	5.139	ug/l 96
8) Diethyl Ether	2.18	74	19726	4.951	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25230	4.890	ug/l 96
10) Methyl Iodide	2.50	142	25088	3.978	ug/l 99
11) Tert butyl alcohol	3.03	59	32824	24.545	ug/l 96
12) 1,1-Dichloroethene	2.37	96	26202	4.995	ug/l 90
13) Acrolein	2.28	56	26314	32.026	ug/l 98
14) Allyl chloride	2.72	41	46494	4.984	ug/l 98
15) Acrylonitrile	3.13	53	72888	23.517	ug/l 98
16) Acetone	2.43	43	78840	20.551	ug/l 95
17) Carbon Disulfide	2.56	76	68789	4.472	ug/l 99
18) Methyl Acetate	2.76	43	37463	4.600	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	84322	4.911	ug/l 98
20) Methylene Chloride	2.85	84	31987	5.088	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	27923	4.848	ug/l 99
22) Diisopropyl ether	3.84	45	91119	4.912	ug/l # 91
23) Vinyl Acetate	3.80	43	362152	24.232	ug/l 99
24) 1,1-Dichloroethane	3.69	63	50333	4.875	ug/l 97
25) 2-Butanone	4.66	43	110805	22.881	ug/l 97
26) 2,2-Dichloropropane	4.58	77	39659	4.909	ug/l 96
27) cis-1,2-Dichloroethene	4.59	96	30640	4.709	ug/l 96
28) Bromochloromethane	5.01	49	19975	5.589	ug/l 98
29) Tetrahydrofuran	5.12	42	66123	23.957	ug/l 99
30) Chloroform	5.20	83	46416	4.747	ug/l 96
31) Cyclohexane	5.57	56	45537	4.918	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	41874	5.006	ug/l 97
36) 1,1-Dichloropropene	5.79	75	37491	4.948	ug/l 99
37) Ethyl Acetate	4.82	43	39544	4.752	ug/l 98
38) Carbon Tetrachloride	5.77	117	34827	5.037	ug/l 95

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47172	5.008	ug/l	98
40) Benzene	6.14	78	114174	4.915	ug/l	100
41) Methacrylonitrile	5.03	41	22346	4.828	ug/l	97
42) 1,2-Dichloroethane	6.19	62	38483	4.886	ug/l	94
43) Isopropyl Acetate	6.43	43	65771	4.769	ug/l	99
44) Trichloroethene	7.20	130	32024	4.943	ug/l	94
45) 1,2-Dichloropropane	7.51	63	28982	4.869	ug/l	98
46) Dibromomethane	7.65	93	20793	5.266	ug/l	92
47) Bromodichloromethane	7.89	83	34217	4.607	ug/l	94
48) Methyl methacrylate	7.76	41	31443	4.658	ug/l	97
49) 1,4-Dioxane	7.73	88	13541	97.910	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	203405	23.561	ug/l	99
52) Toluene	8.78	92	72734	4.944	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	39402	4.829	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	44224	4.866	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	28072	4.769	ug/l	96
56) Ethyl methacrylate	9.17	69	42946	4.655	ug/l	99
57) 1,3-Dichloropropane	9.37	76	50579	5.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	70635	20.735	ug/l	99
59) 2-Hexanone	9.48	43	159593	23.114	ug/l	98
60) Dibromochloromethane	9.57	129	27551	4.697	ug/l	99
61) 1,2-Dibromoethane	9.67	107	31461	5.223	ug/l	97
64) Tetrachloroethene	9.33	164	37457	5.604	ug/l	96
65) Chlorobenzene	10.14	112	79722	5.084	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	27766	4.957	ug/l	97
67) Ethyl Benzene	10.25	91	136134	5.059	ug/l	99
68) m/p-Xylenes	10.36	106	103771	10.008	ug/l	98
69) o-Xylene	10.70	106	50958	5.033	ug/l	98
70) Styrene	10.71	104	80757	4.713	ug/l	99
71) Bromoform	10.85	173	20244	4.480	ug/l #	94
73) Isopropylbenzene	11.01	105	130773	5.011	ug/l	100
74) N-amyl acetate	10.89	43	57343	4.733	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	40893	4.592	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	41109m	5.247	ug/l	
77) Bromobenzene	11.25	156	37023	5.149	ug/l	95
78) n-propylbenzene	11.35	91	146993	5.022	ug/l	99
79) 2-Chlorotoluene	11.42	91	88577	4.995	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	108318	4.937	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	12188	4.263	ug/l	89
82) 4-Chlorotoluene	11.51	91	102064	4.947	ug/l	99
83) tert-Butylbenzene	11.76	119	101939	4.808	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	107577	4.902	ug/l	99
85) sec-Butylbenzene	11.94	105	125973	4.987	ug/l	99
86) p-Isopropyltoluene	12.06	119	117015	5.055	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	65638	5.204	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	65535	5.095	ug/l	94
89) n-Butylbenzene	12.39	91	100526	5.067	ug/l	100
90) Hexachloroethane	12.59	117	18183	4.392	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	62895	4.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	8176	4.083	ug/l	94

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ClientSampleId :
VSTDICC005

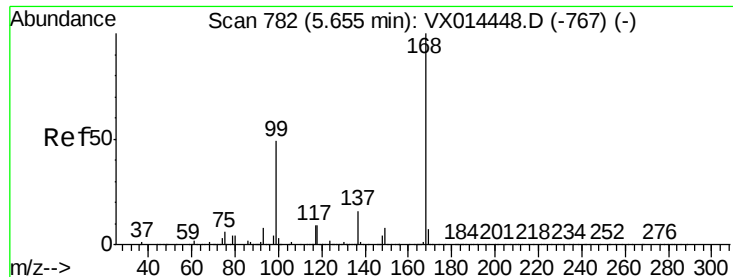
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43939	5.242	ug/l	99
94) Hexachlorobutadiene	13.78	225	20222	5.025	ug/l	93
95) Naphthalene	13.83	128	127606	5.202	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45208	5.488	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 168 Resp: 539112

Ion Ratio Lower Upper

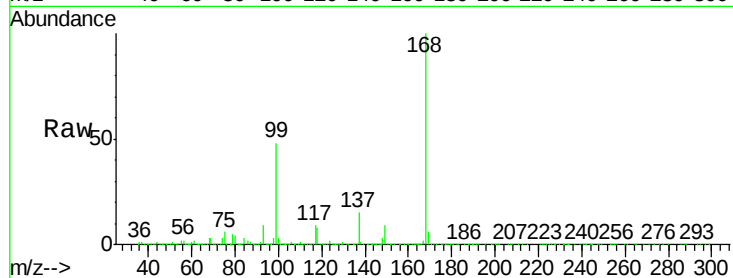
168 100

99 47.7 39.2 58.8

Manual Integrations
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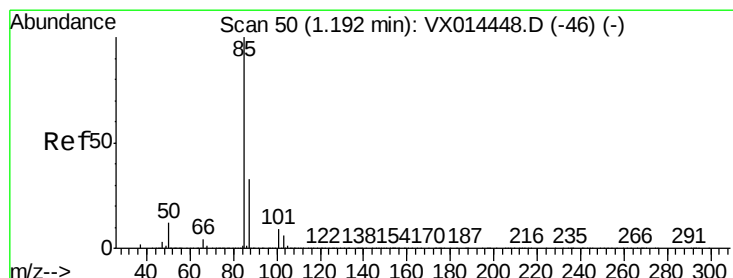
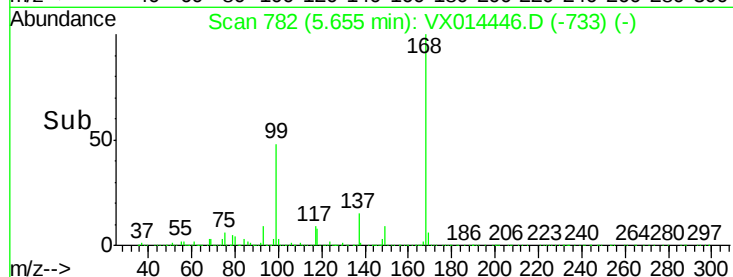
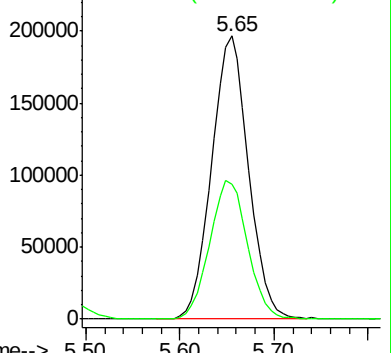
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.217 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014446.D

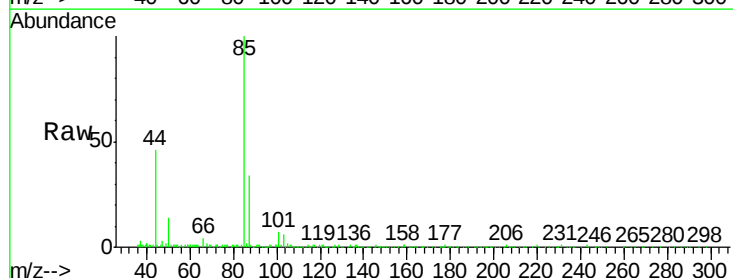
Acq: 07 Jan 2020 13:58

Tgt Ion: 85 Resp: 21978

Ion Ratio Lower Upper

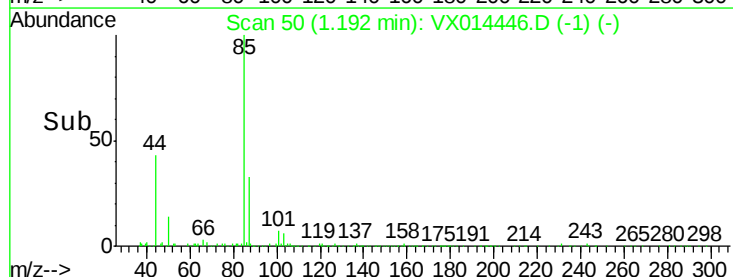
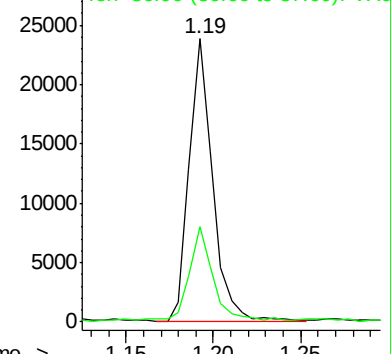
85 100

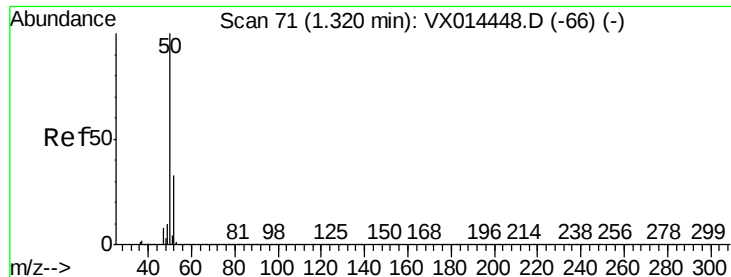
87 32.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.601 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 30381

Ion Ratio Lower Upper

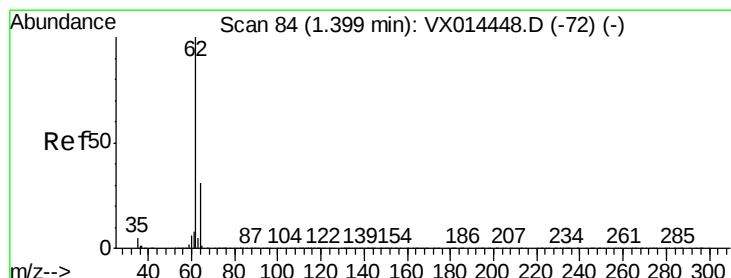
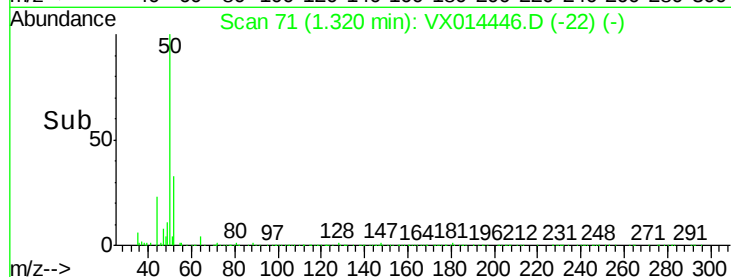
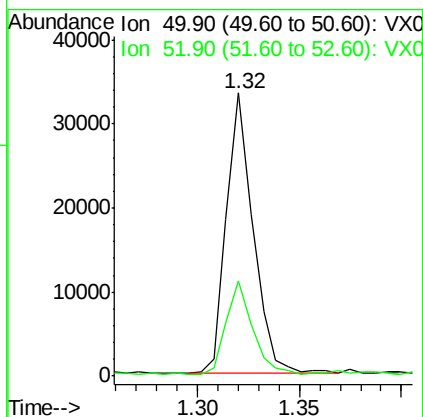
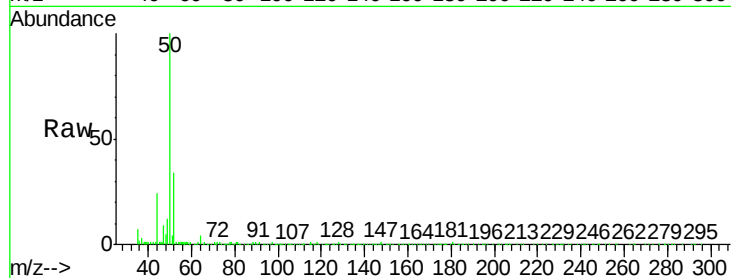
50 100

52 33.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 4.503 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014446.D

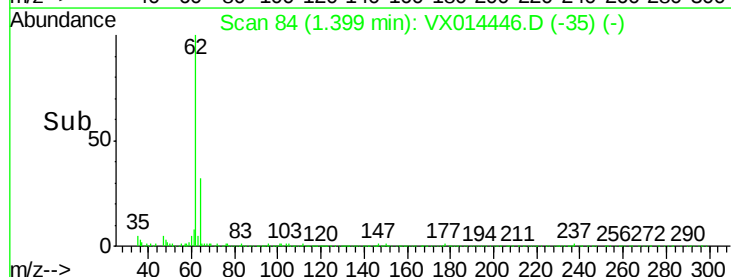
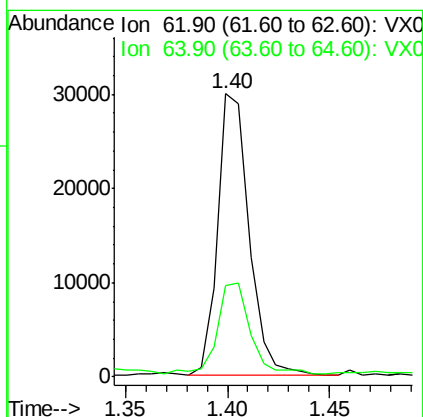
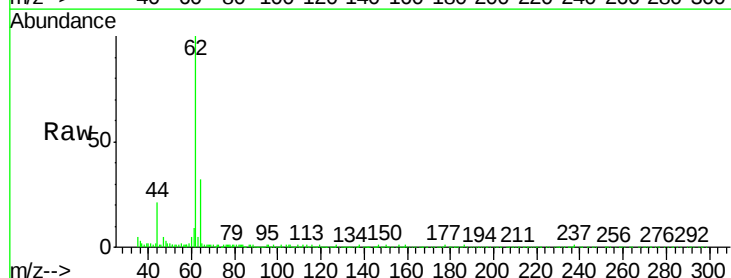
Acq: 07 Jan 2020 13:58

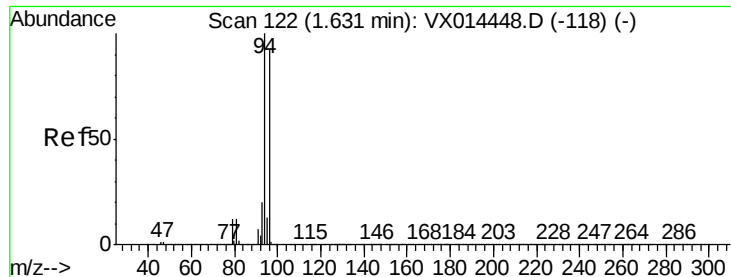
Tgt Ion: 62 Resp: 32055

Ion Ratio Lower Upper

62 100

64 30.7 24.6 37.0





#5

Bromomethane

Concen: 5.393 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 26440

Ion Ratio Lower Upper

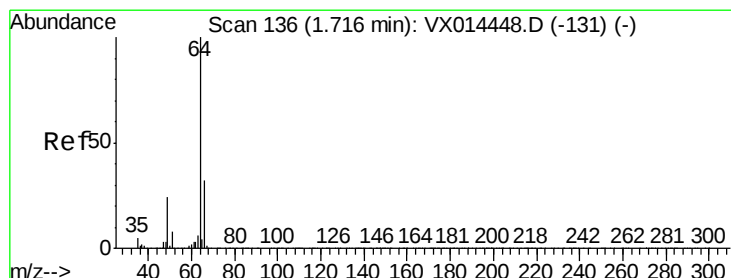
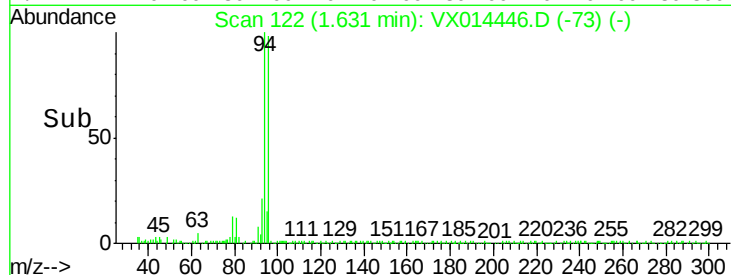
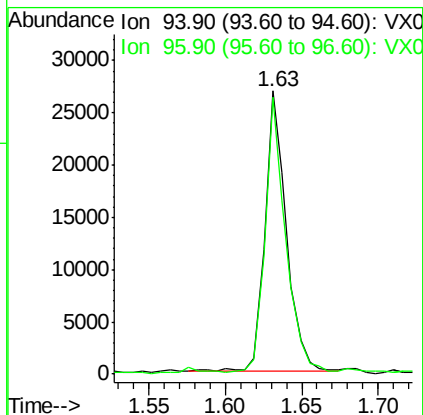
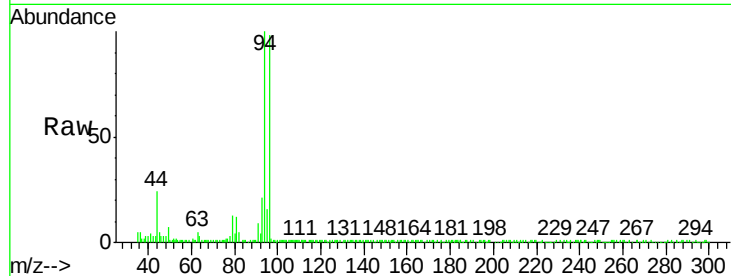
94 100

96 97.8 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 5.005 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014446.D

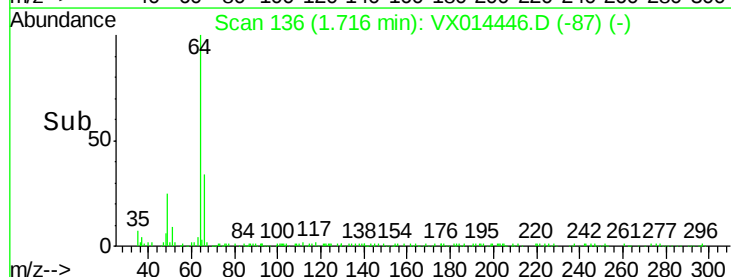
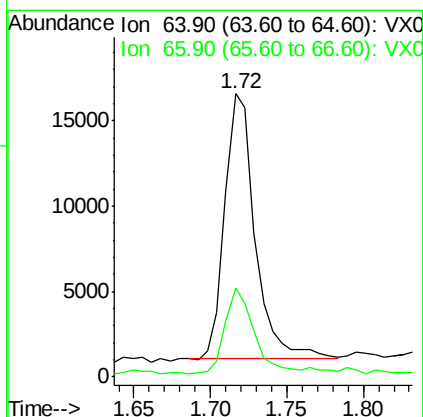
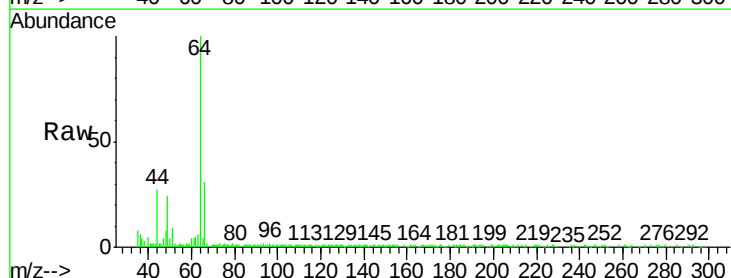
Acq: 07 Jan 2020 13:58

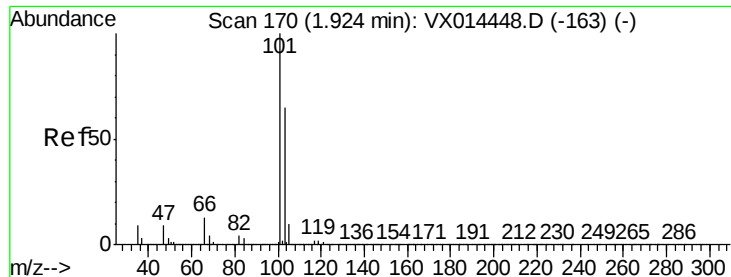
Tgt Ion: 64 Resp: 21426

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

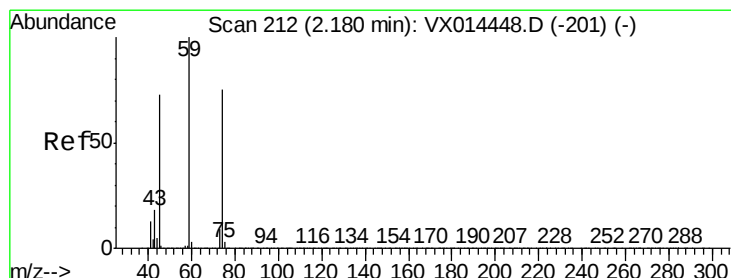
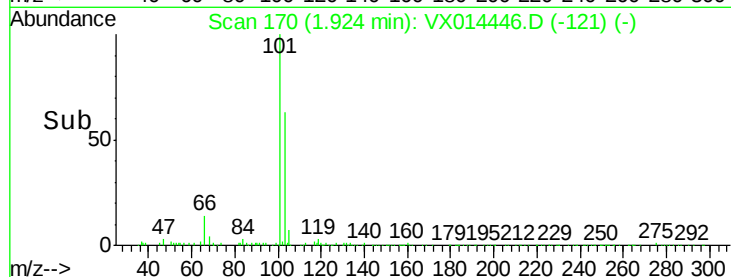
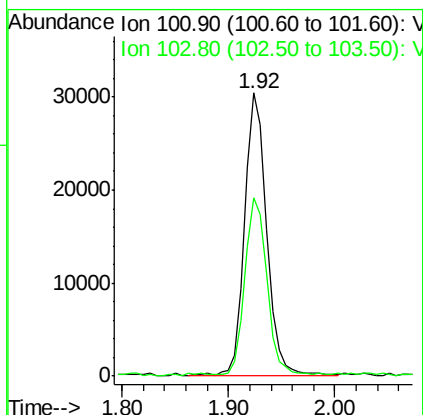
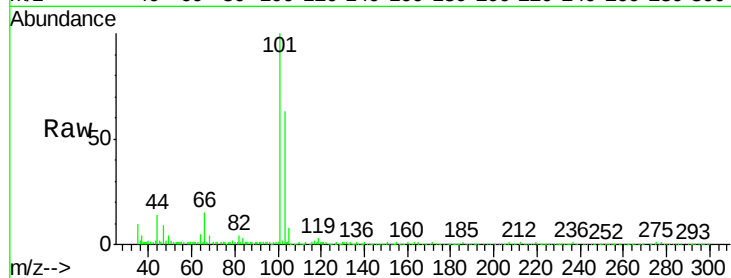
Trichlorofluoromethane
Concen: 5.139 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

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ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.2	78.4

Manual Integrations
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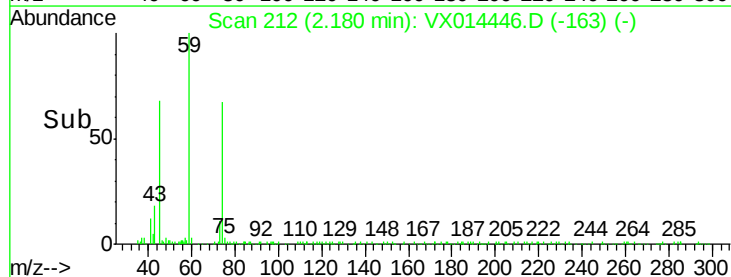
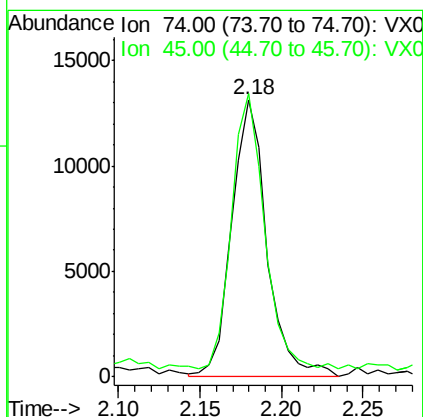
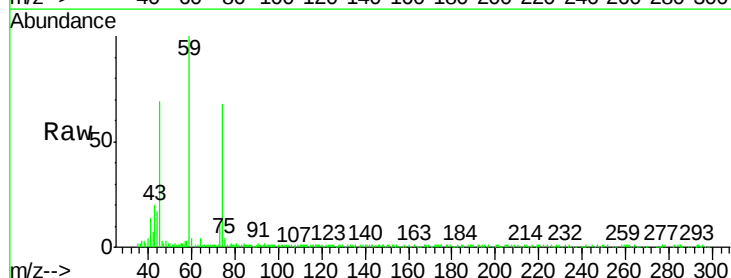
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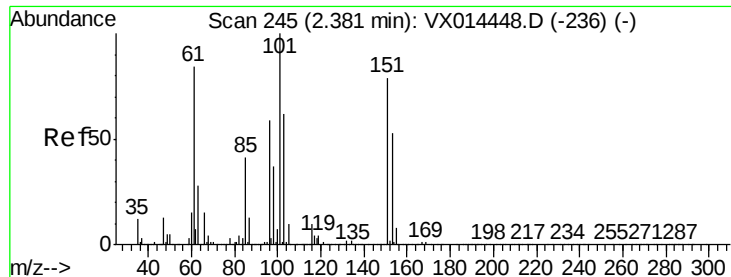


#8

Diethyl Ether
Concen: 4.951 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.890 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

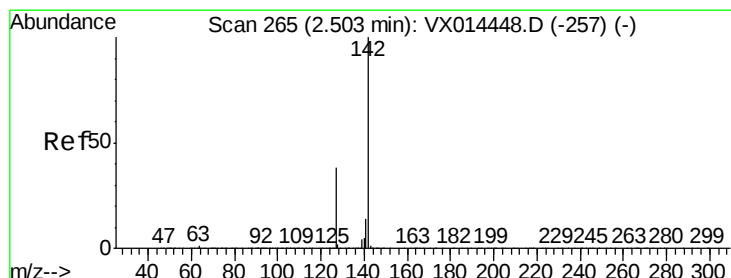
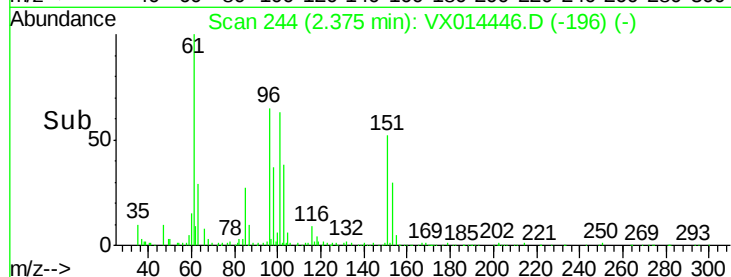
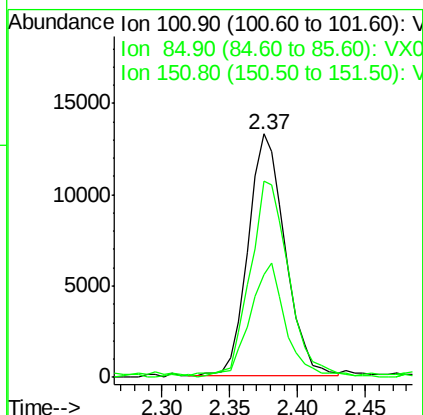
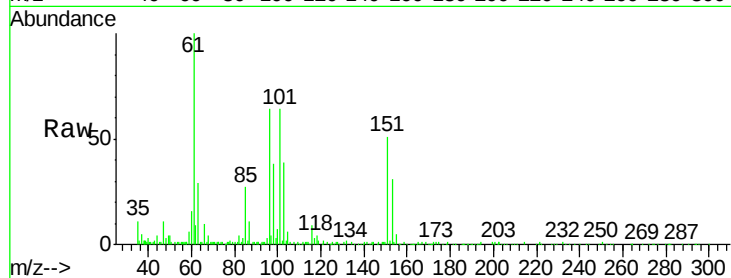
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	25230
Ion Ratio	Lower	Upper	
101	100		
85	44.9	33.8	50.8
151	85.8	65.3	97.9

Manual Integrations
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#10

Methyl Iodide

Concen: 3.978 ug/l

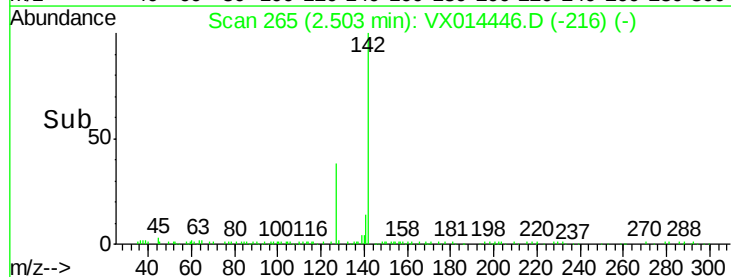
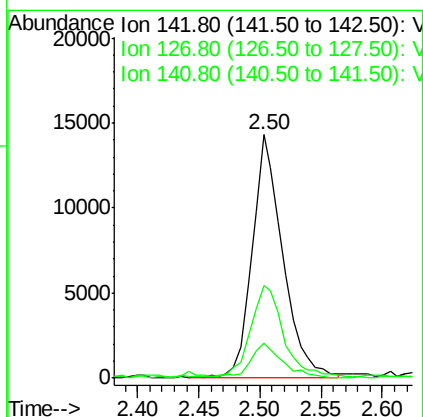
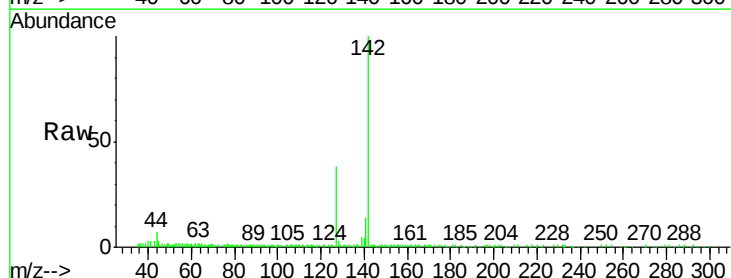
RT: 2.50 min Scan# 265

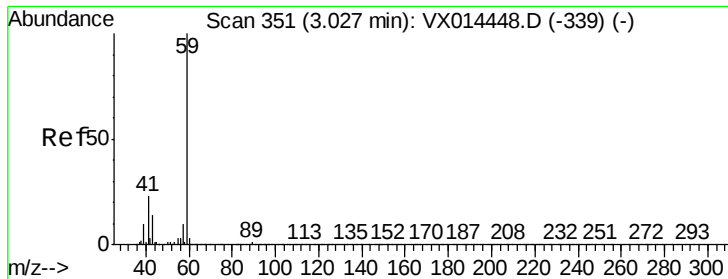
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	142	Resp:	25088
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.2	46.8
141	15.1	11.4	17.2





#11

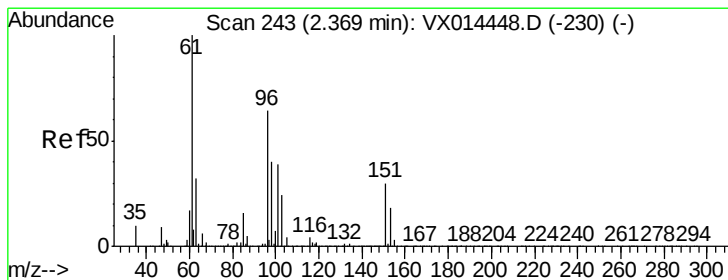
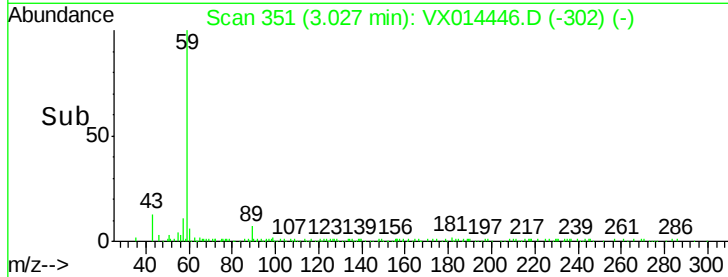
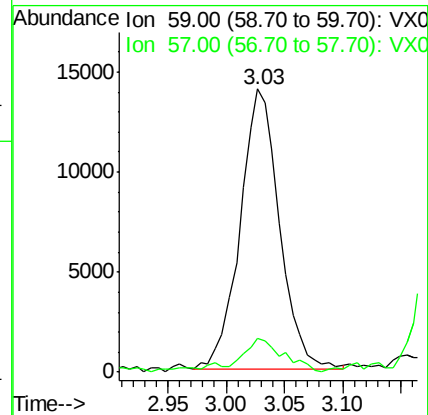
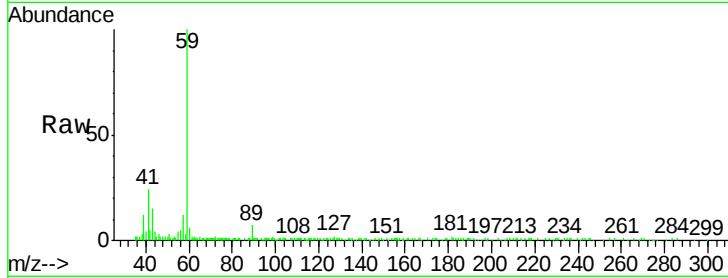
Tert butyl alcohol
 Concen: 24.545 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
59	100		
57	12.2	8.5	12.7

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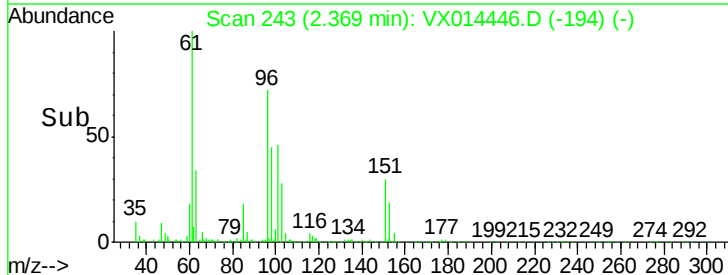
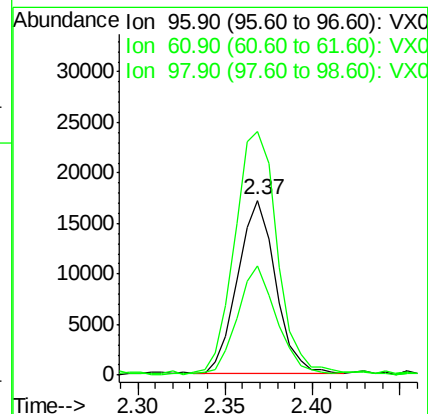
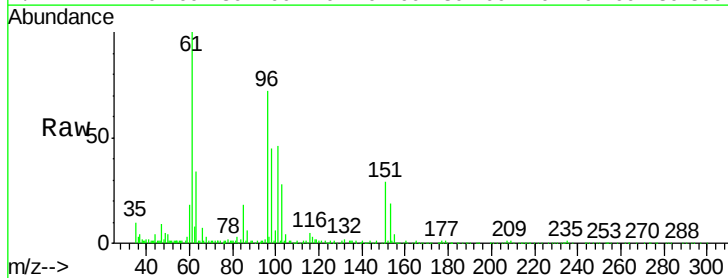
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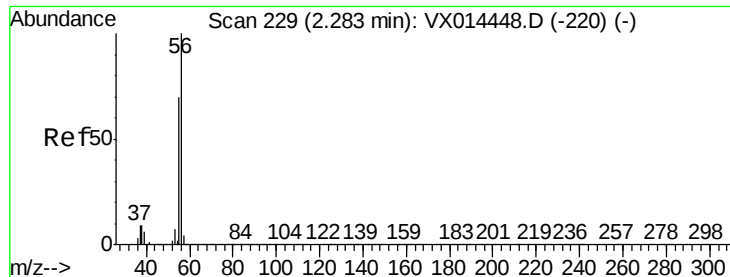


#12

1,1-Dichloroethene
 Concen: 4.995 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.0	125.0	187.6
98	62.2	50.2	75.2





#13

Acrolein

Concen: 32.026 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 26314

Ion Ratio Lower Upper

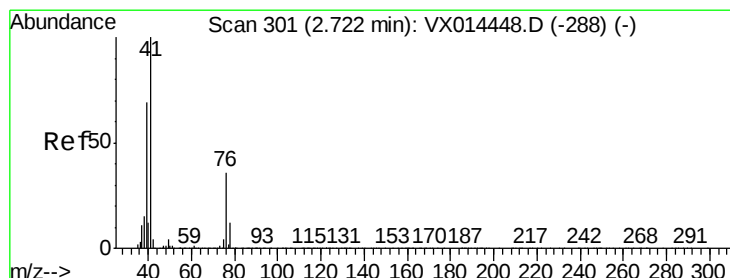
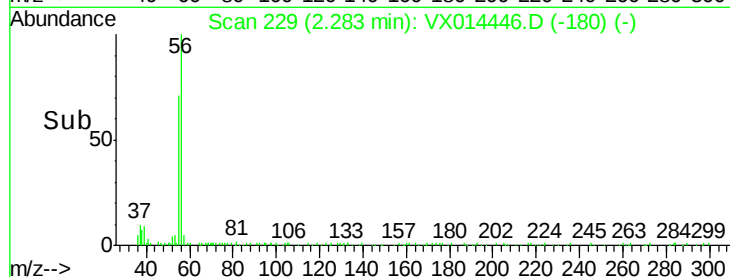
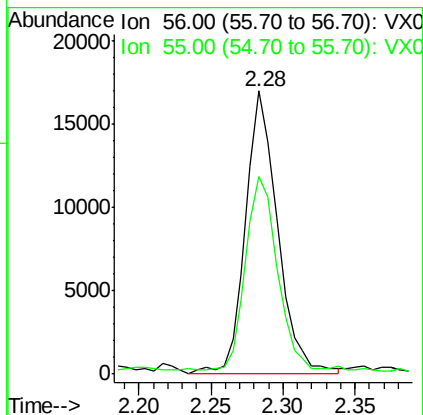
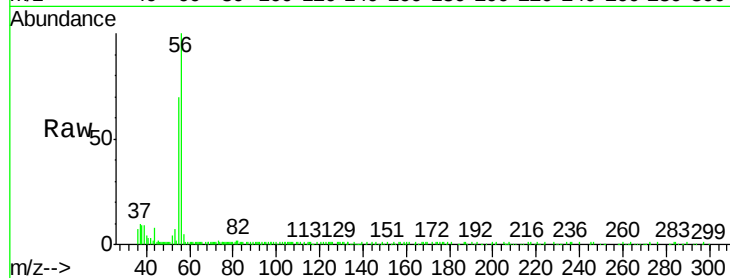
56 100

55 66.8 55.0 82.6

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#14

Allyl chloride

Concen: 4.984 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

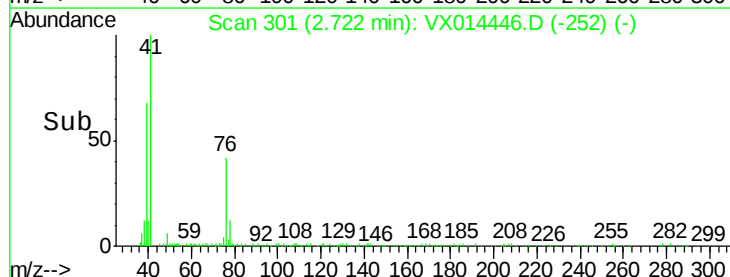
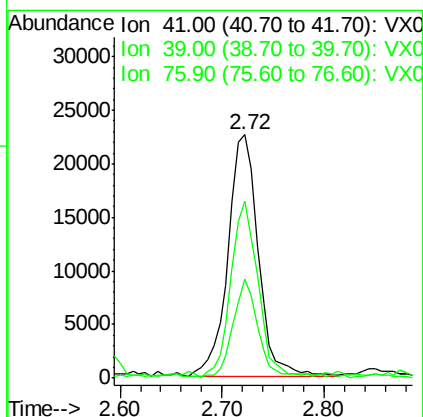
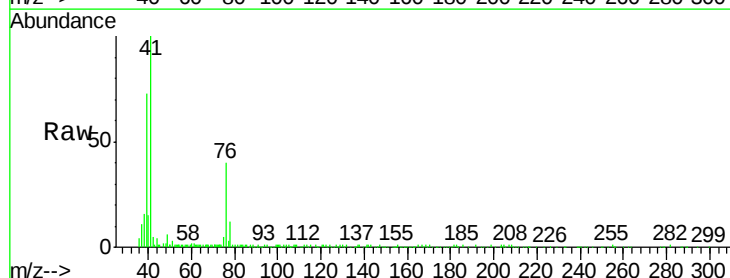
Tgt Ion: 41 Resp: 46494

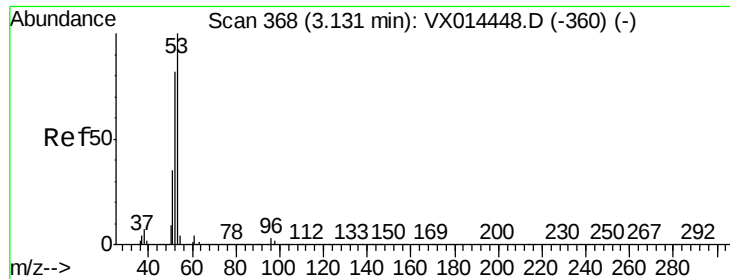
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 31.9 26.8 40.2





#15

Acrylonitrile

Concen: 23.517 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

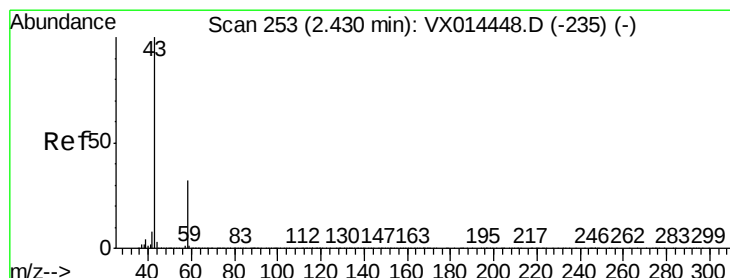
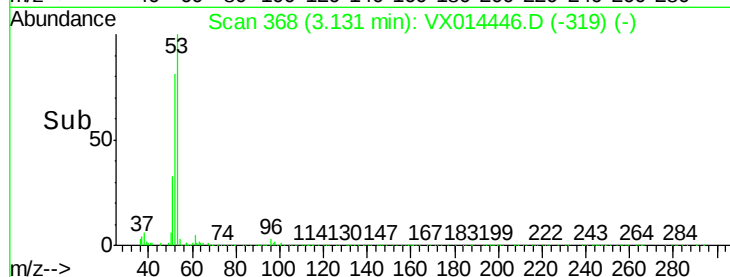
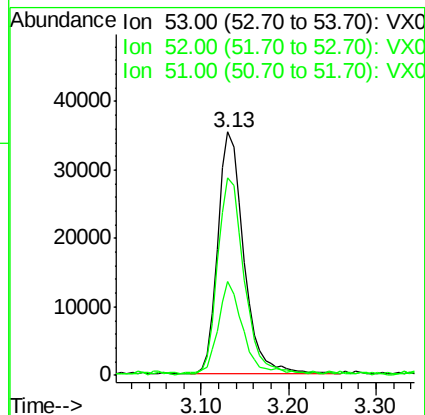
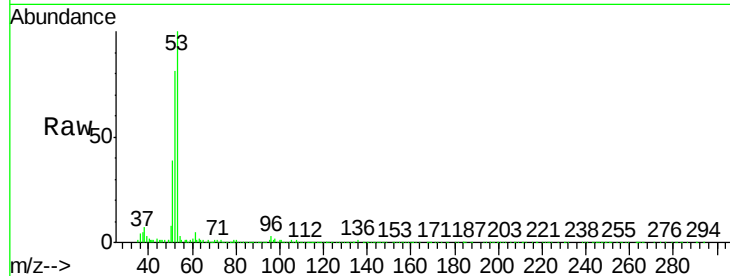
ClientSampleId :

VSTDIC005

Tgt Ion:	53	Resp:	72888
Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.0	100.4
51	36.6	28.5	42.7

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#16

Acetone

Concen: 20.551 ug/l

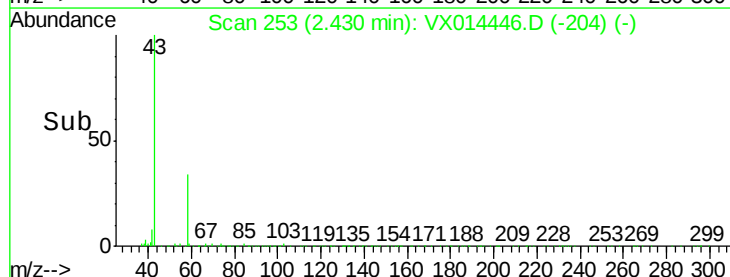
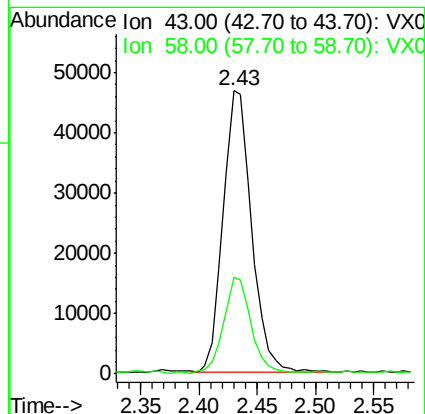
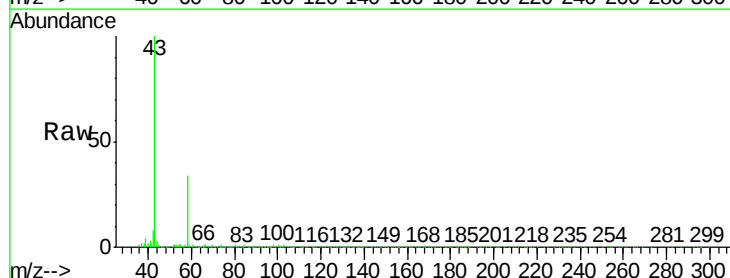
RT: 2.43 min Scan# 253

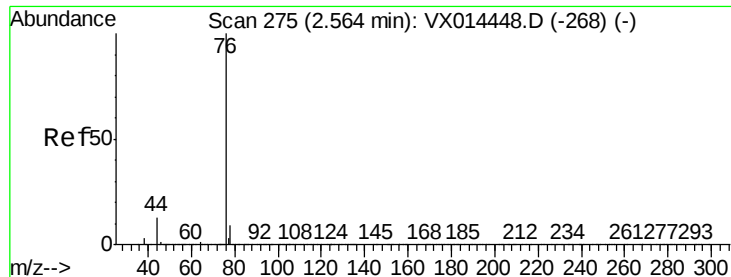
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	43	Resp:	78840
Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.4	38.0





#17

Carbon Disulfide

Concen: 4.472 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 68789

Ion Ratio Lower Upper

76 100

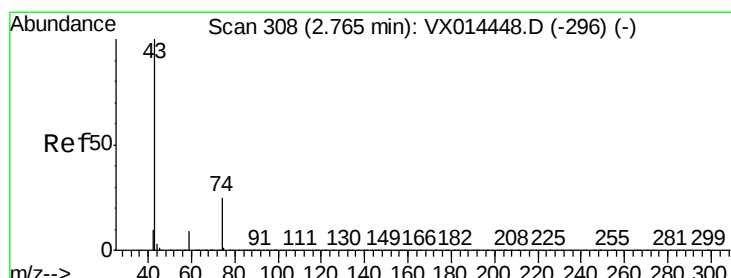
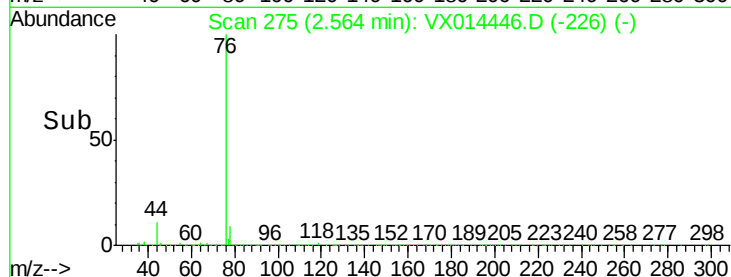
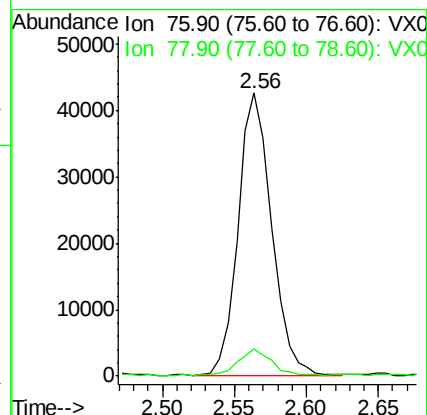
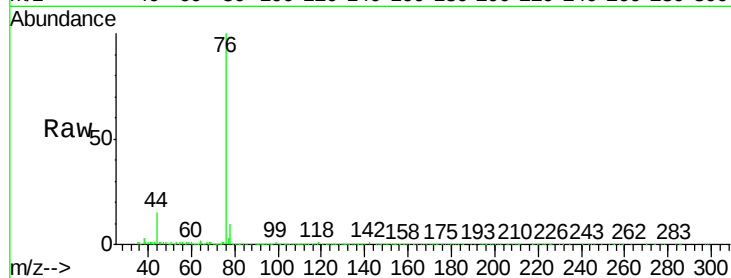
78 9.6 7.4 11.2

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#18

Methyl Acetate

Concen: 4.600 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014446.D

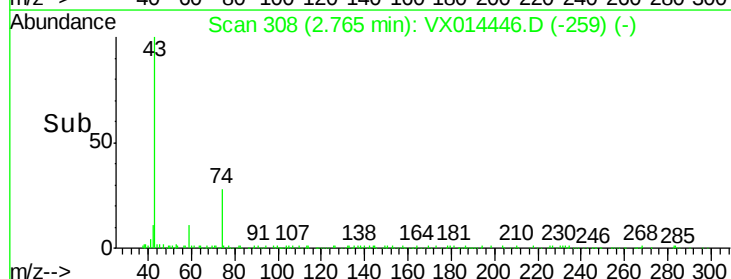
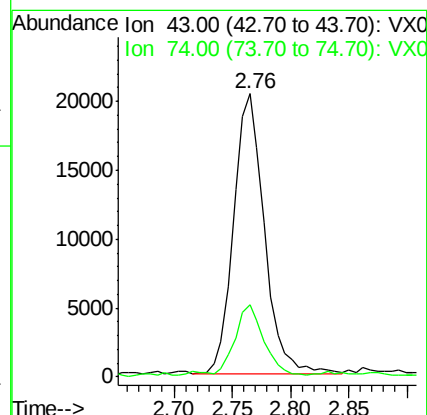
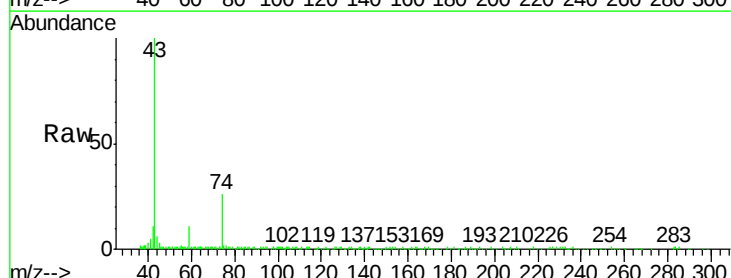
Acq: 07 Jan 2020 13:58

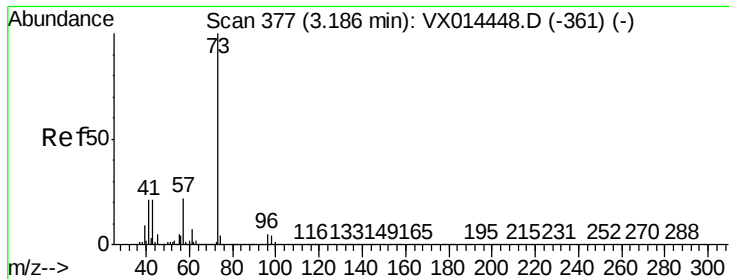
Tgt Ion: 43 Resp: 37463

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2





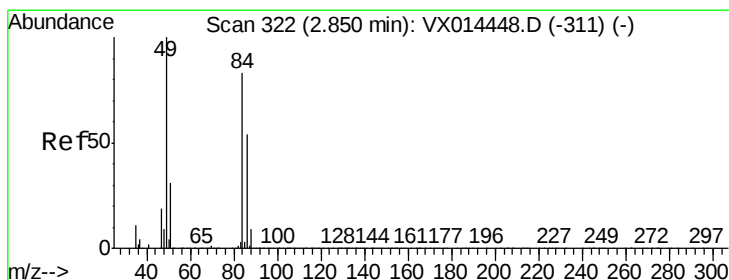
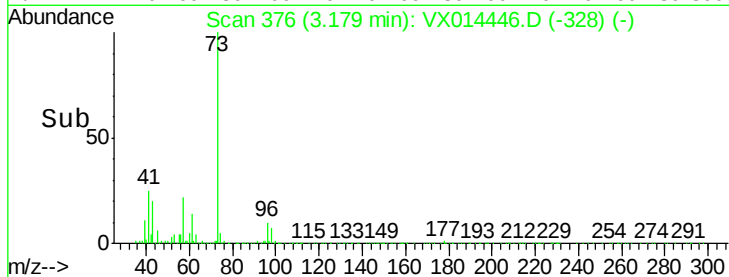
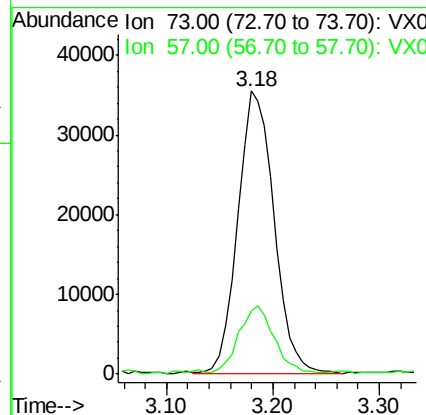
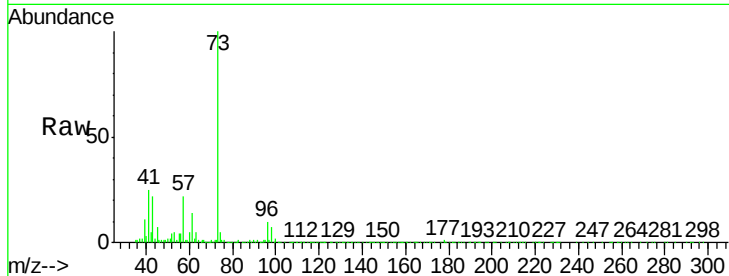
#19
Methyl tert-butyl Ether
Concen: 4.911 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

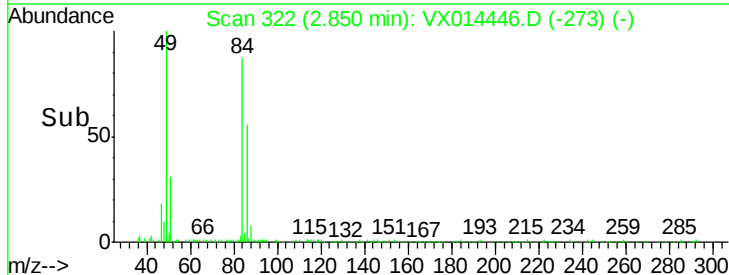
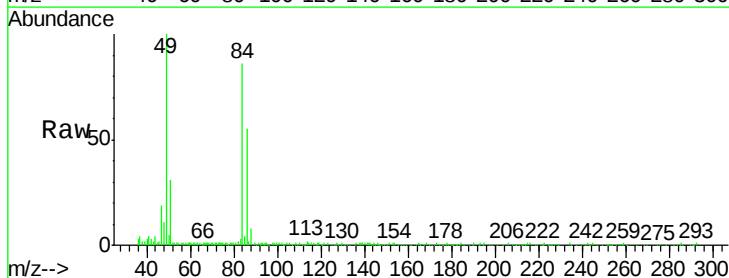
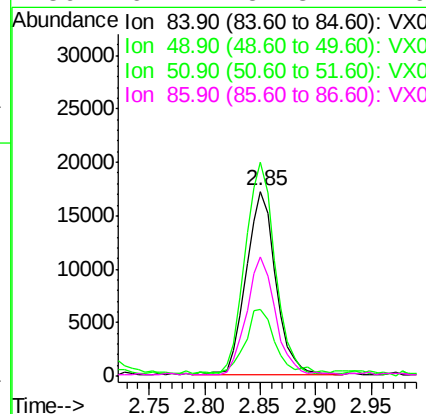
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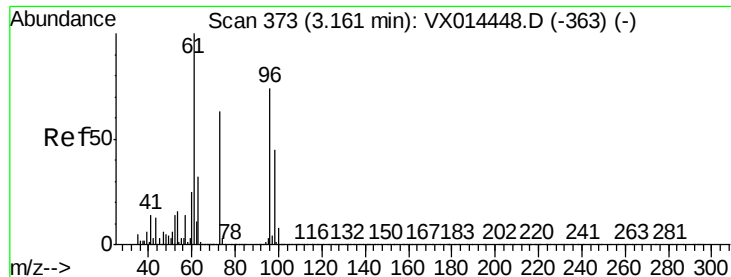
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#20
Methylene Chloride
Concen: 5.088 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	95.8	143.8
51	33.9	30.2	45.4
86	62.7	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 4.848 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

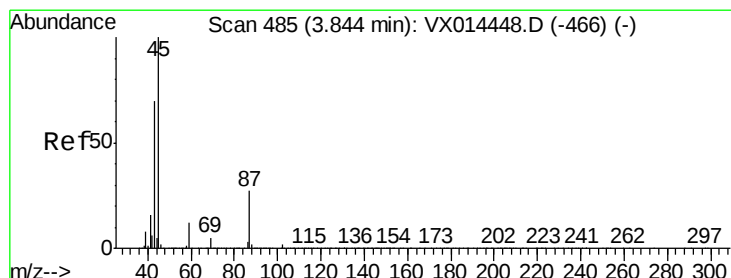
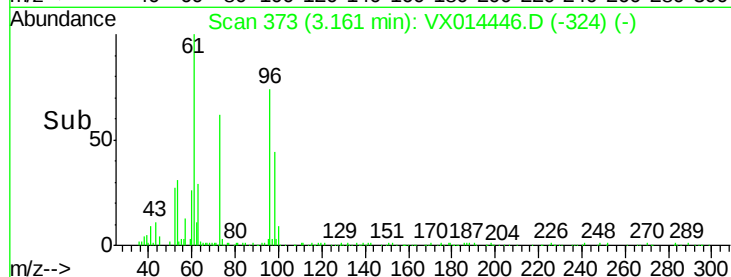
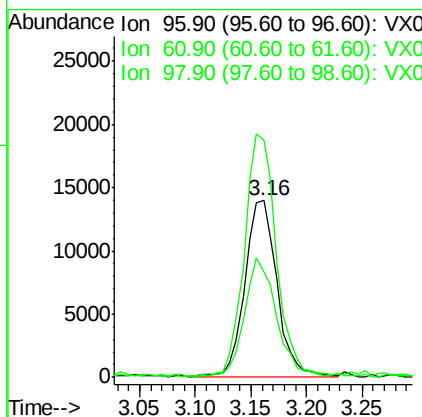
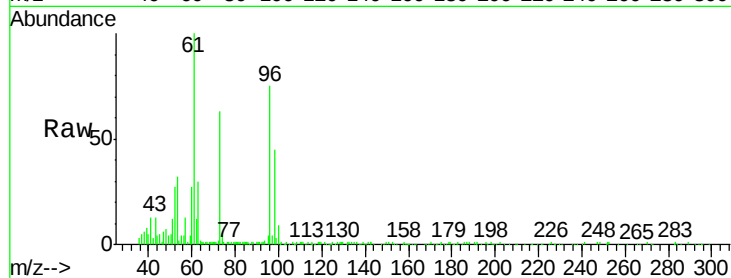
ClientSampled :

VSTDIC005

Tgt Ion:	96	Resp:	27923
Ion	Ratio	Lower	Upper
96	100		
61	134.3	108.2	162.4
98	60.4	48.8	73.2

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#22

Diisopropyl ether

Concen: 4.912 ug/l

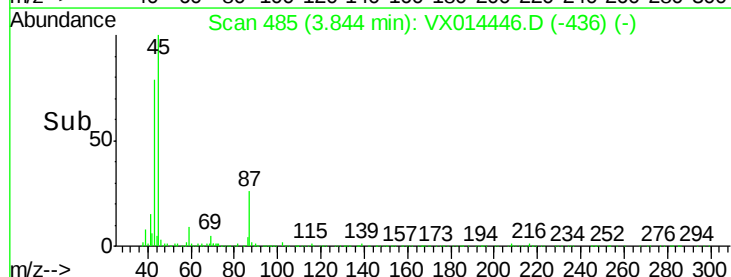
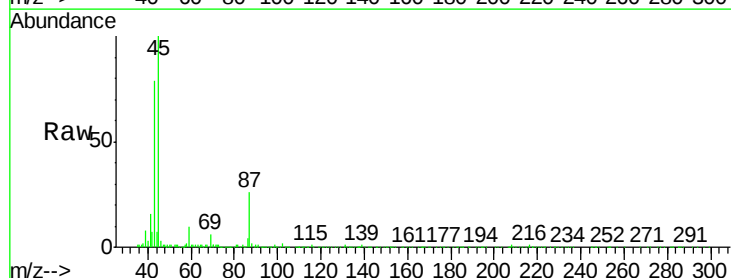
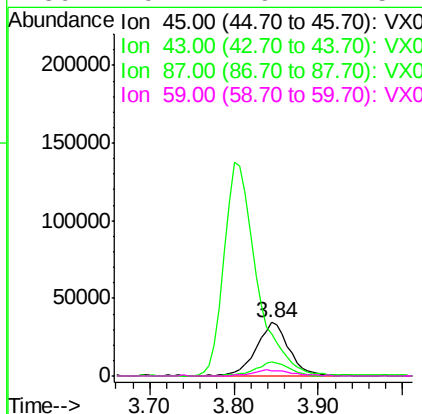
RT: 3.84 min Scan# 485

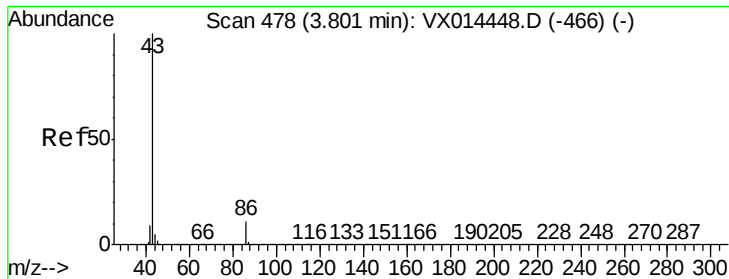
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	45	Resp:	91119
Ion	Ratio	Lower	Upper
45	100		
43	78.8	55.8	83.6
87	25.8	21.8	32.8
59	9.1	9.1	13.7#





#23

Vinyl Acetate

Concen: 24.232 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 362152

Ion Ratio Lower Upper

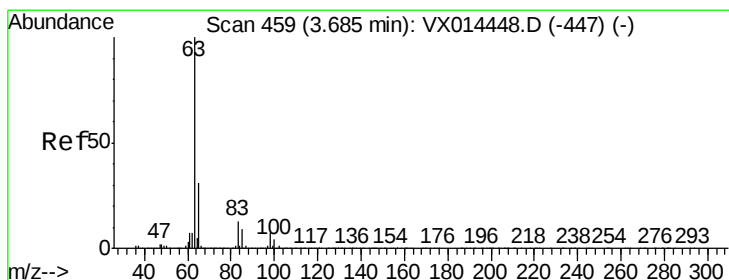
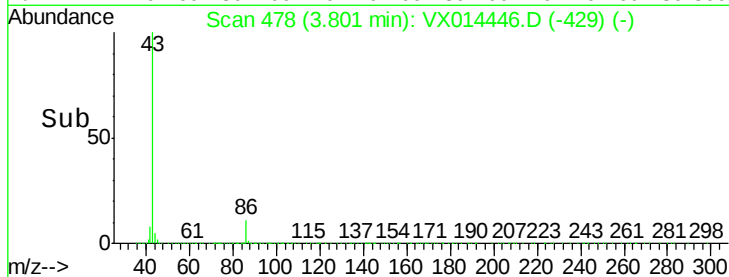
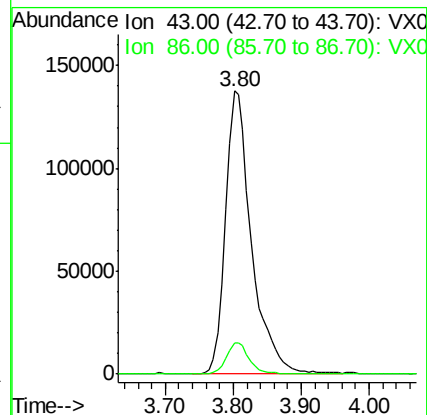
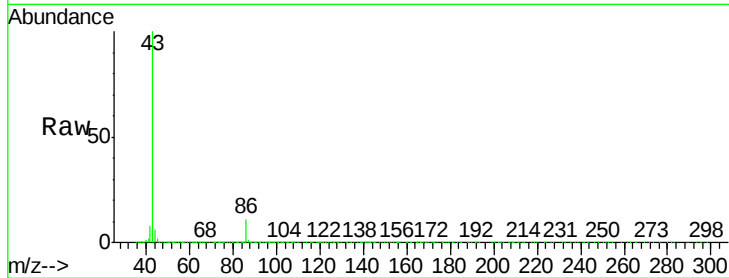
43 100

86 10.9 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 4.875 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

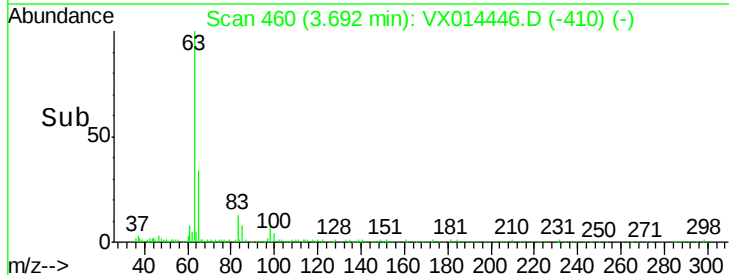
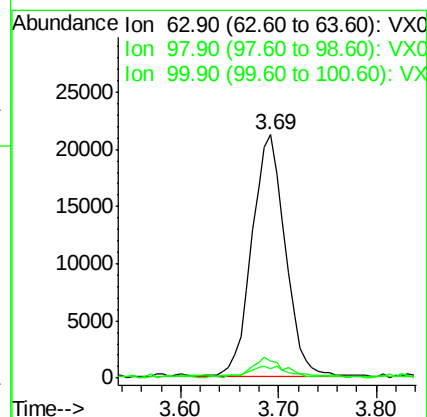
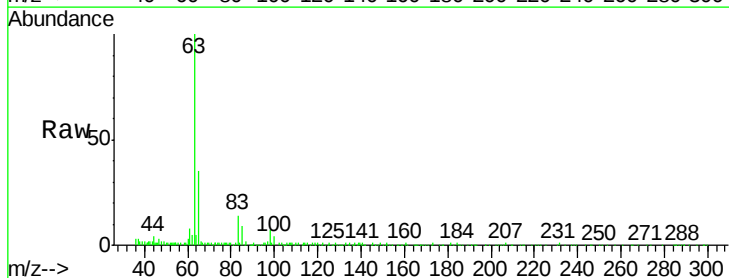
Tgt Ion: 63 Resp: 50333

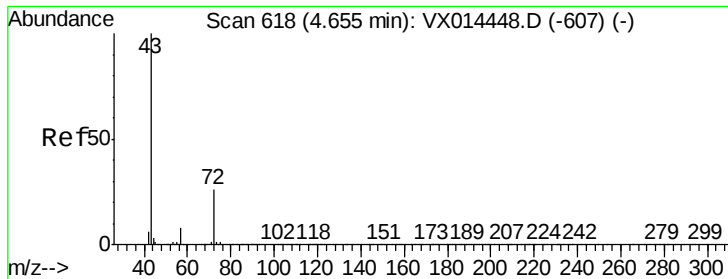
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.9

100 3.6 2.3 6.8





#25

2-Butanone

Concen: 22.881 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 43 Resp: 110805

Ion Ratio Lower Upper

43 100

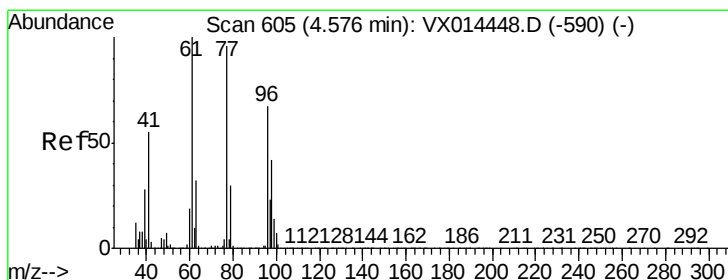
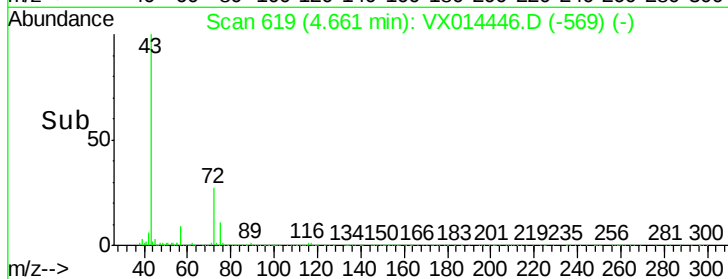
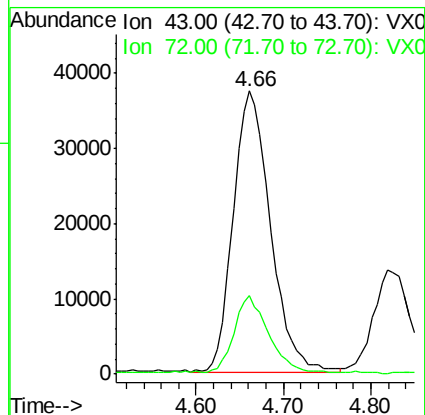
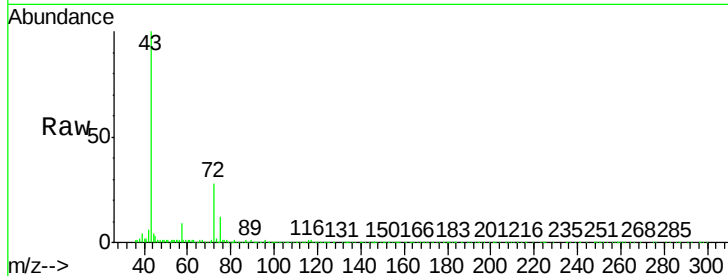
72 27.4 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 4.909 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.01 min

Lab File: VX014446.D

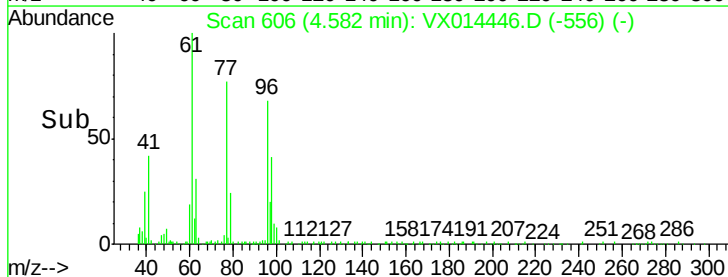
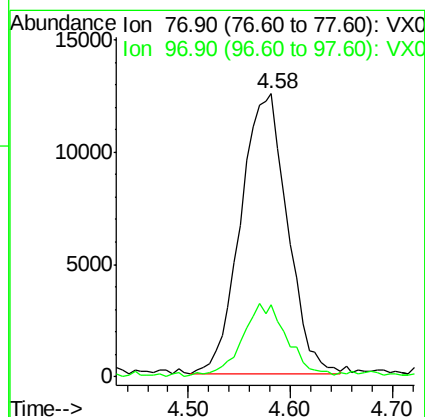
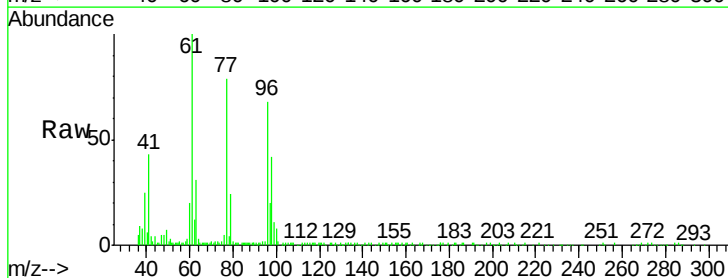
Acq: 07 Jan 2020 13:58

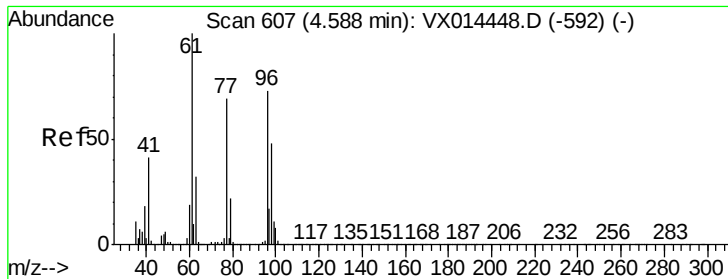
Tgt Ion: 77 Resp: 39659

Ion Ratio Lower Upper

77 100

97 25.5 11.7 35.1





#27

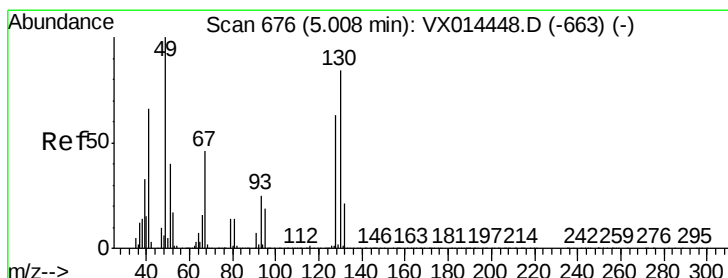
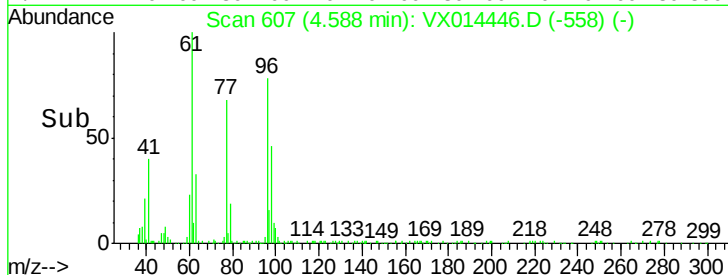
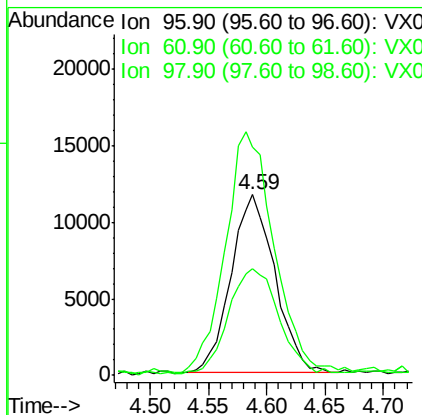
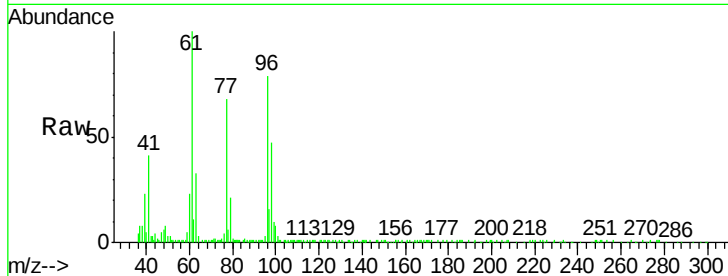
cis-1,2-Dichloroethene
Concen: 4.709 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	285.4
98	68.1	0.0	130.6

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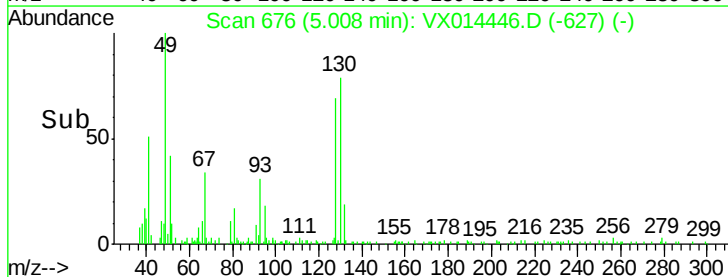
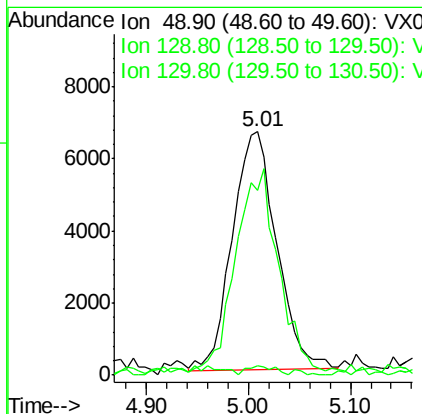
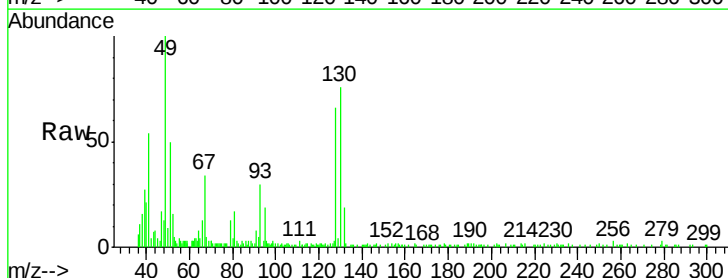
apatel
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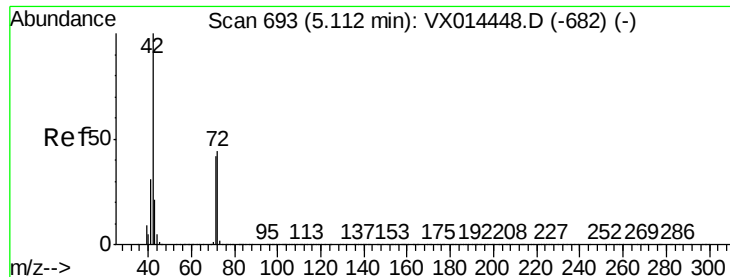


#28

Bromochloromethane
Concen: 5.589 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	81.7	67.0	100.4





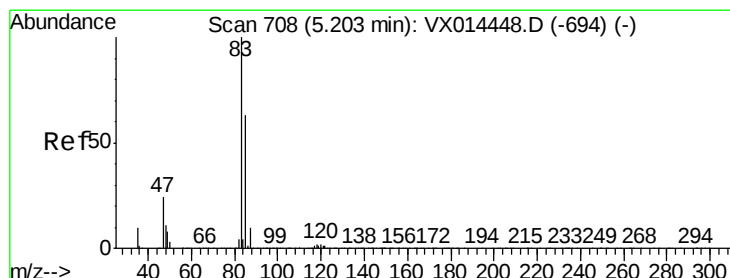
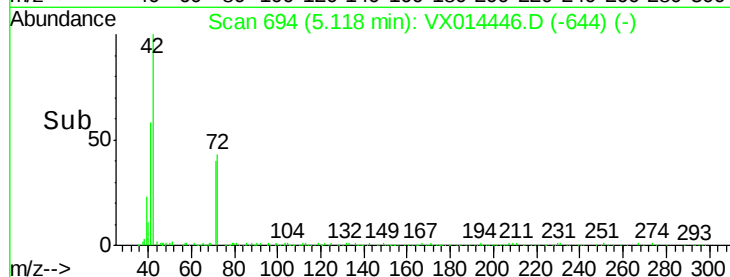
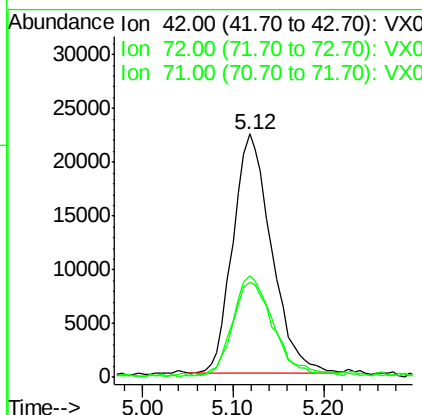
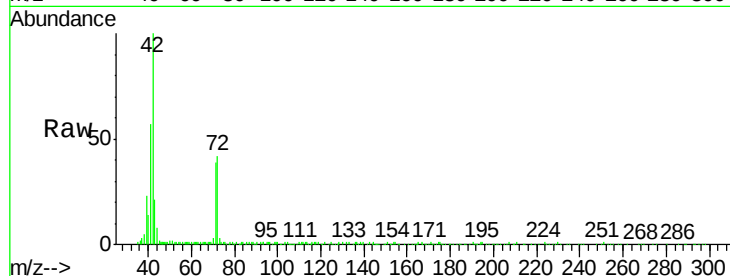
#29
Tetrahydrofuran
Concen: 23.957 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.2	54.4
71	42.3	34.1	51.1

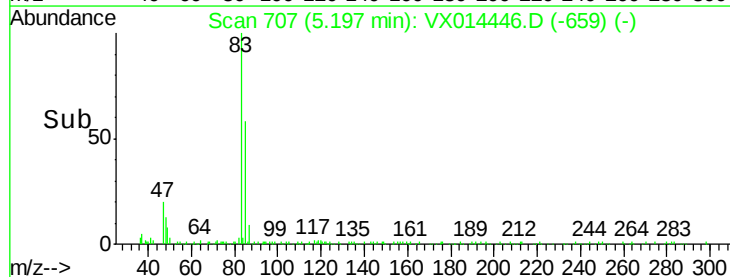
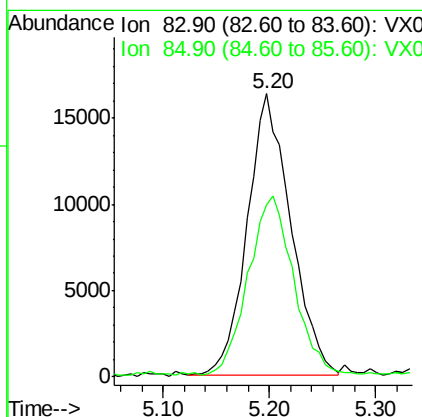
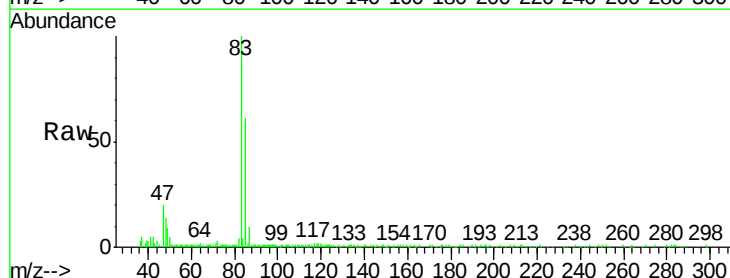
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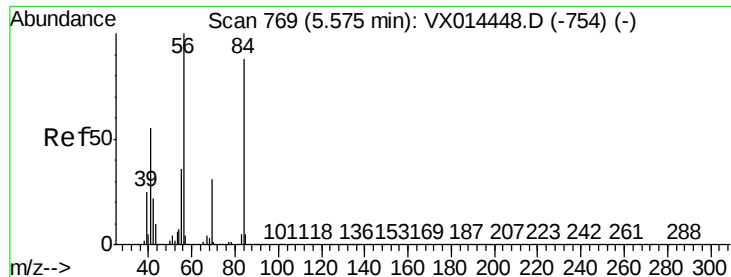
apatel
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#30
Chloroform
Concen: 4.747 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.6	75.8





#31

Cyclohexane

Concen: 4.918 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

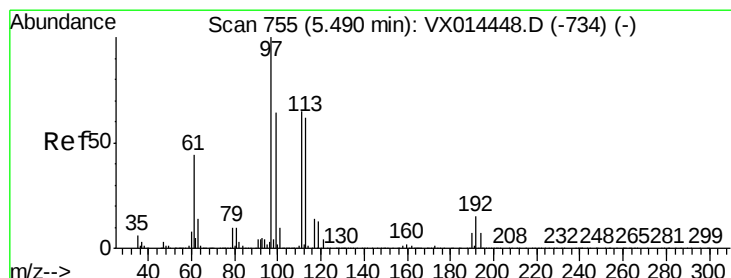
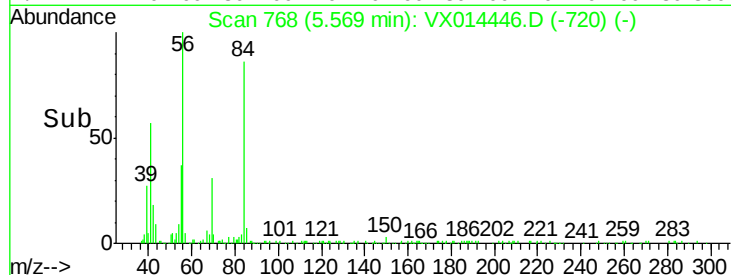
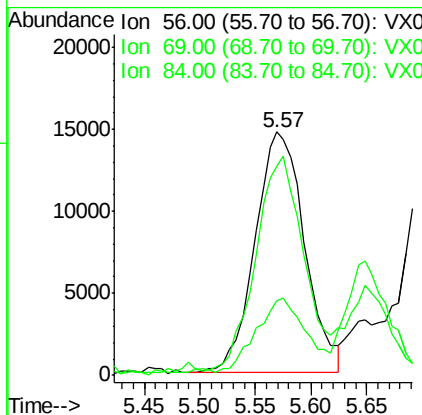
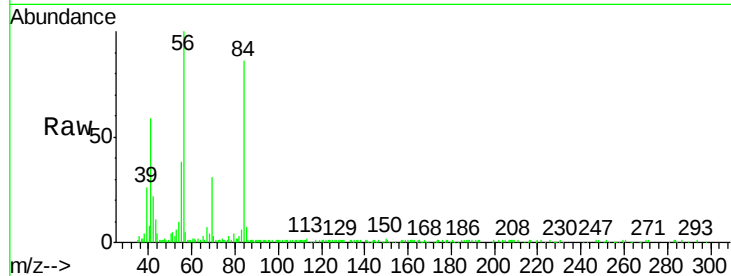
ClientSampled :

VSTDIC005

Tgt Ion:	56	Resp:	45537
Ion Ratio	Lower	Upper	
56	100		
69	29.9	24.4	36.6
84	81.4	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 5.006 ug/l

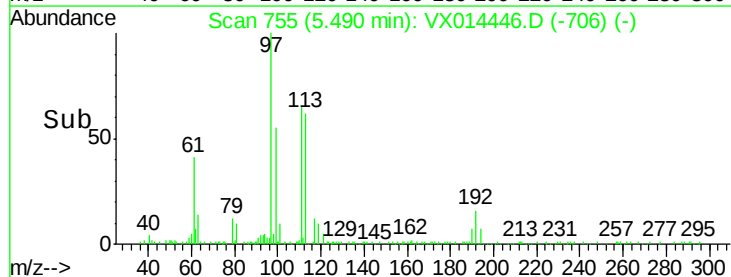
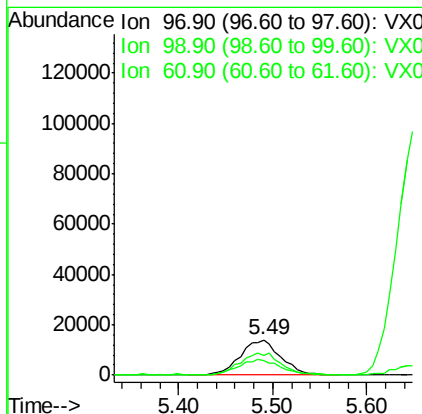
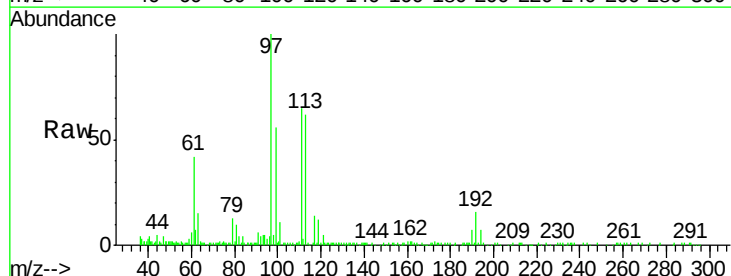
RT: 5.49 min Scan# 755

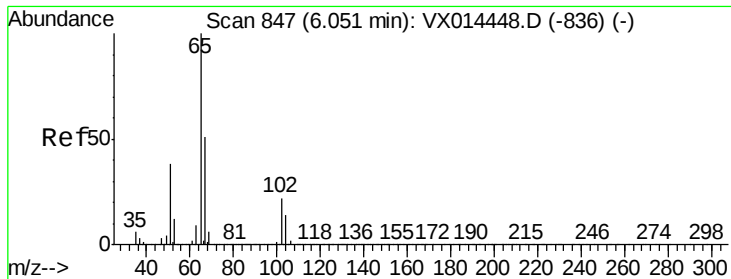
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	97	Resp:	41874
Ion Ratio	Lower	Upper	
97	100		
99	61.6	51.8	77.6
61	43.9	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 5.360 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 65 Resp: 32604

Ion Ratio Lower Upper

65 100

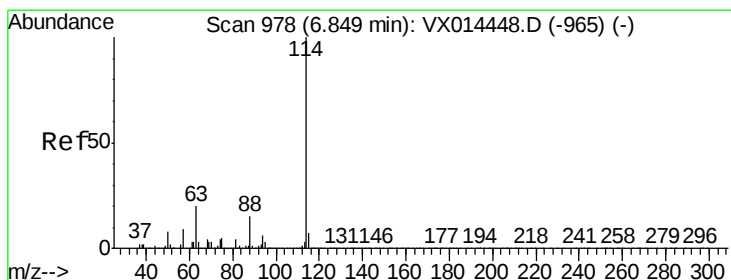
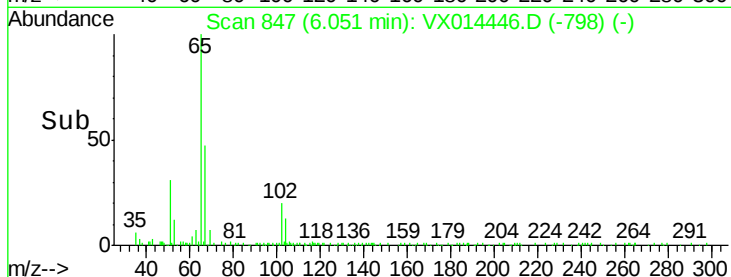
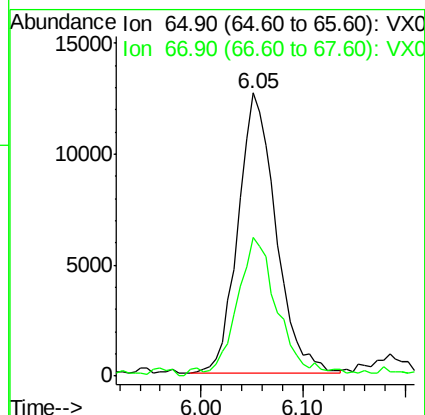
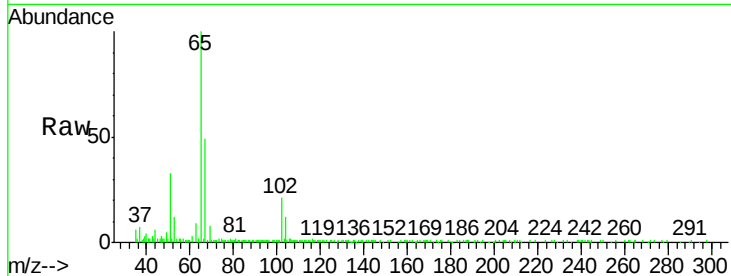
67 48.7 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

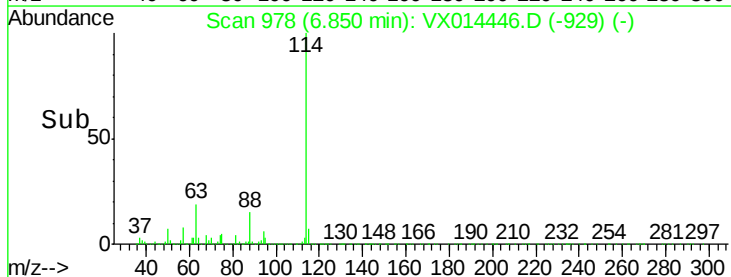
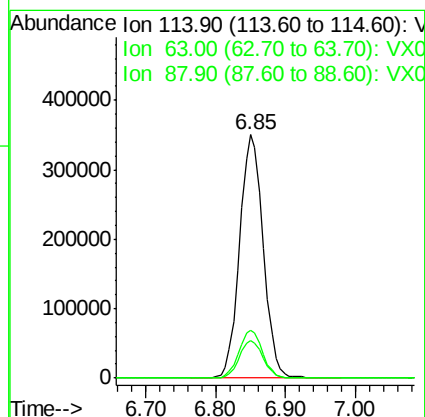
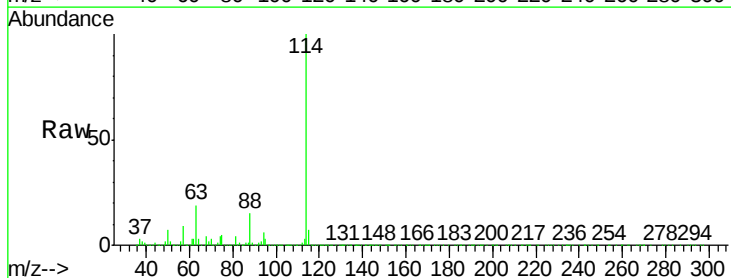
Tgt Ion: 114 Resp: 818764

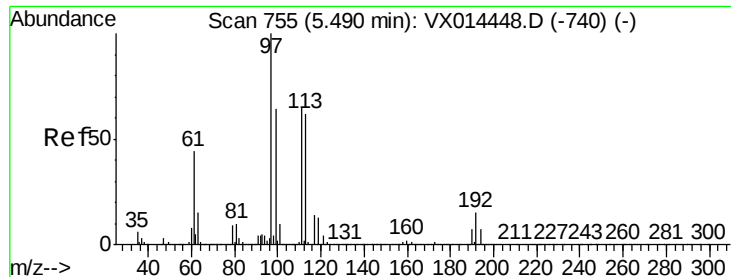
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 5.072 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

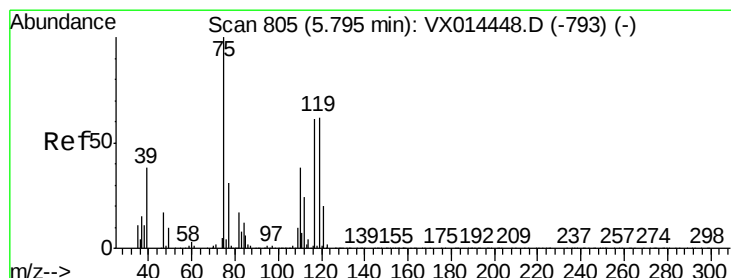
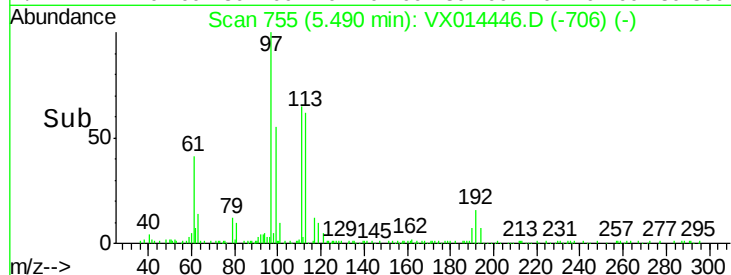
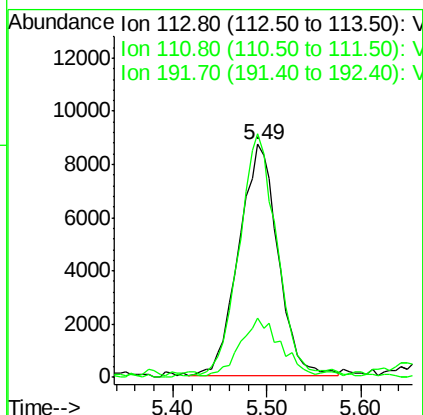
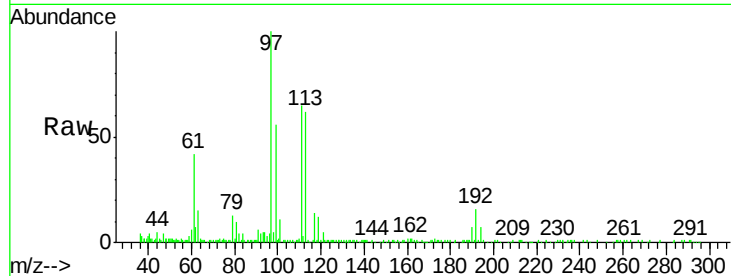
ClientSampleId :

VSTDIC005

Tgt Ion:	113	Resp:	25207
Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.5	122.3
192	25.6	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 4.948 ug/l

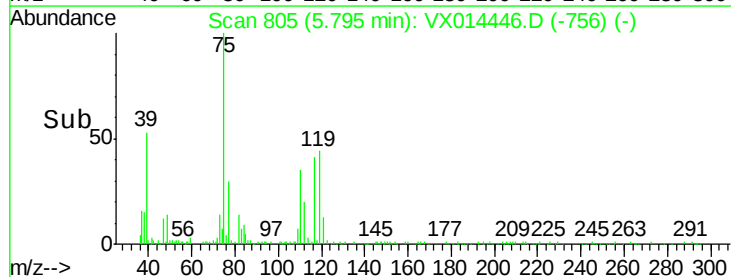
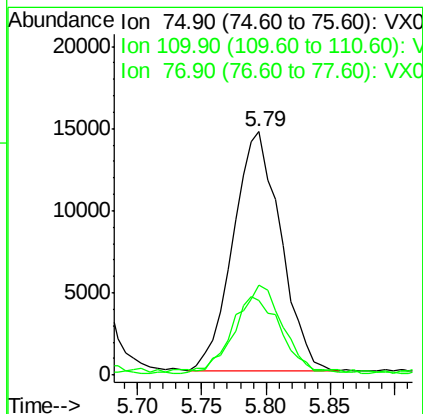
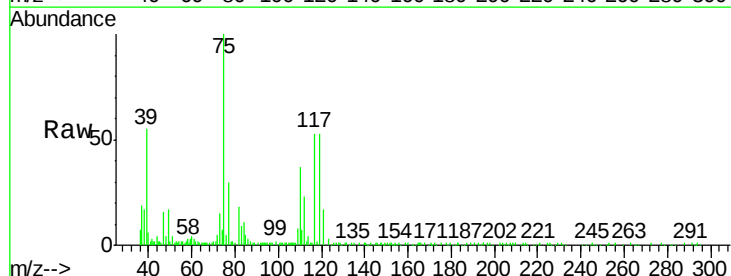
RT: 5.79 min Scan# 805

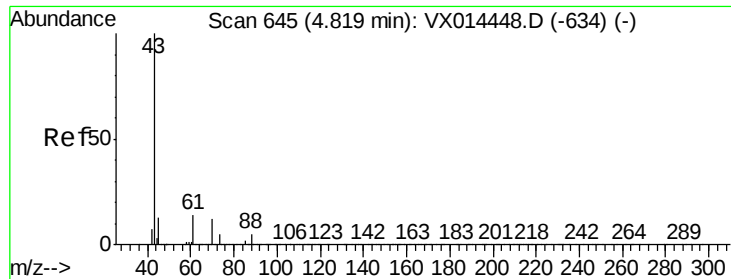
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	75	Resp:	37491
Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.6	55.8
77	29.8	24.5	36.7





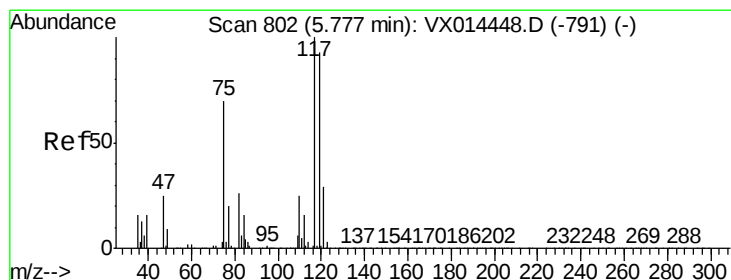
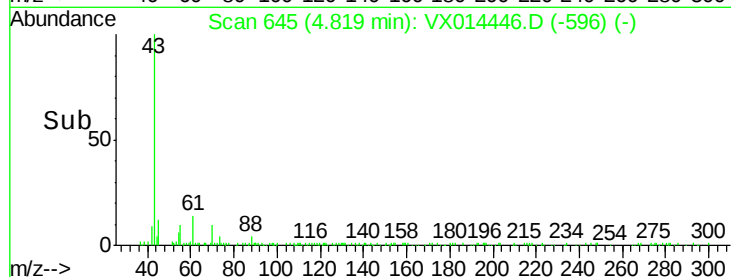
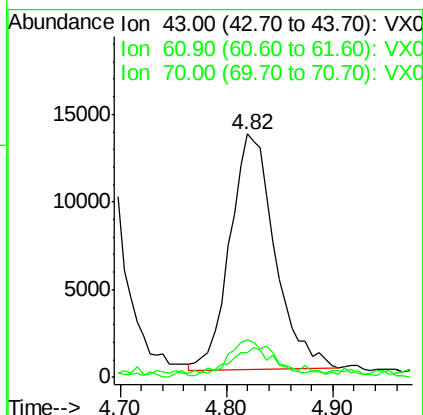
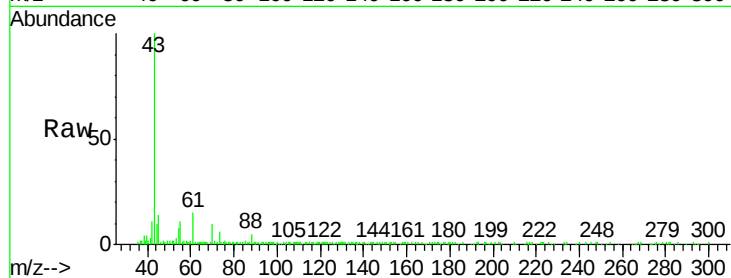
#37
Ethyl Acetate
Concen: 4.752 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.1	16.7
70	11.4	8.9	13.3

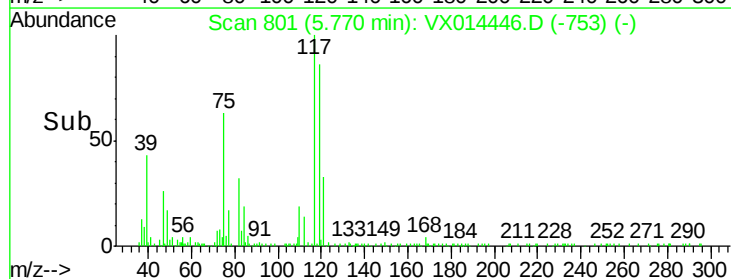
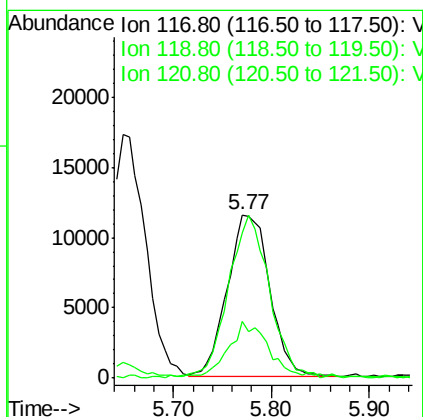
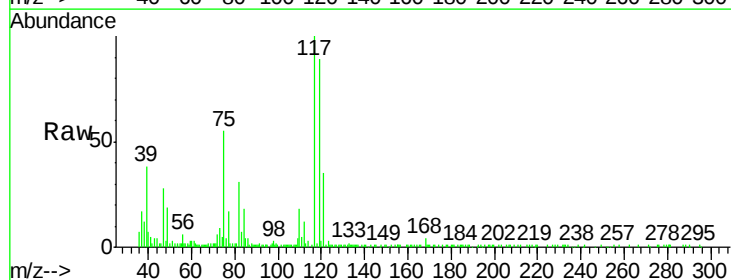
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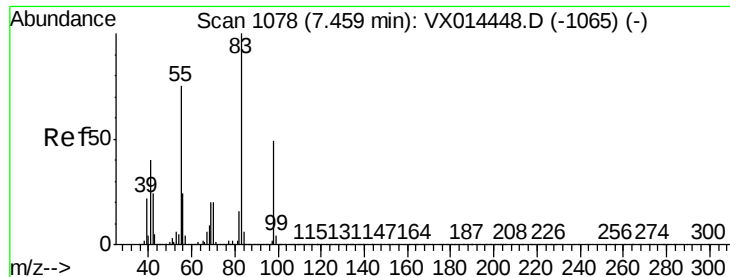
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#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.3	73.8	110.8
121	33.3	23.4	35.0





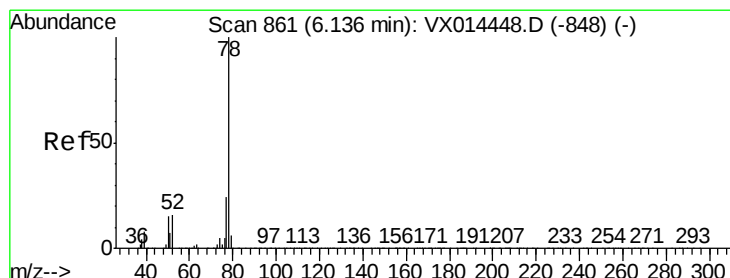
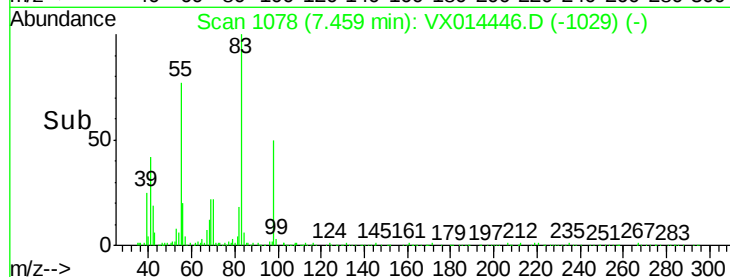
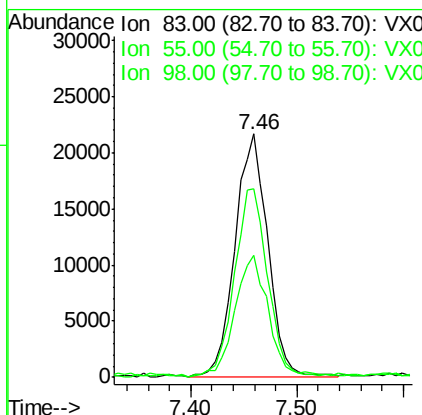
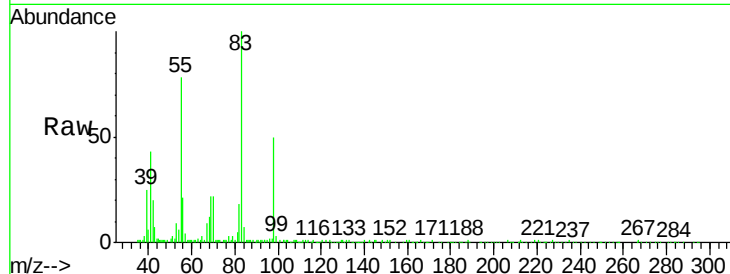
#39
Methylcyclohexane
Concen: 5.008 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.2	59.7	89.5
98	49.7	39.1	58.7

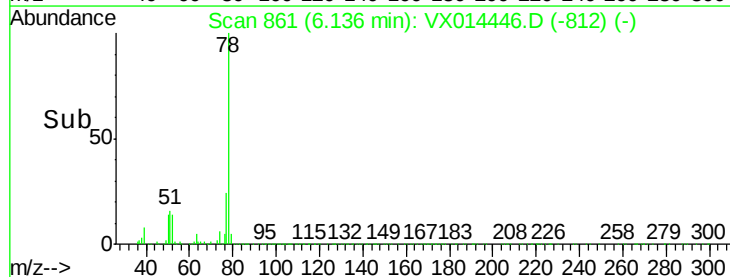
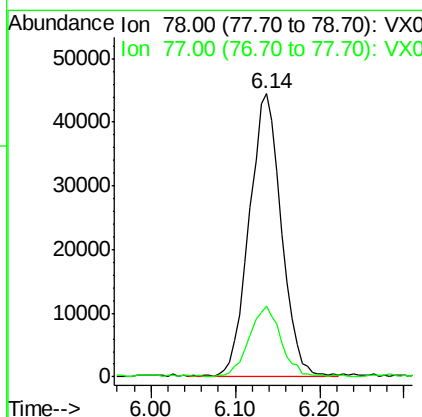
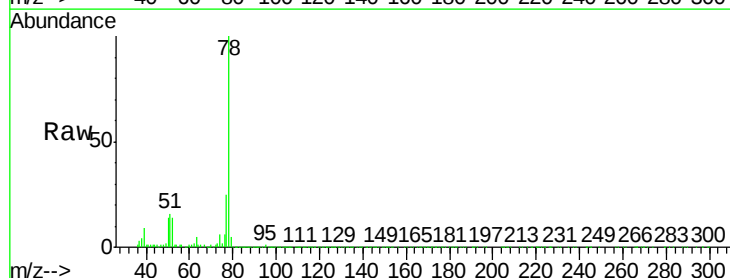
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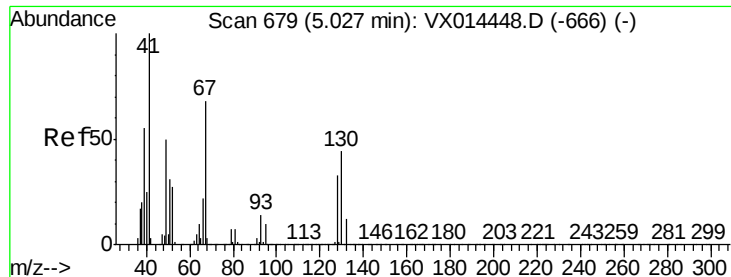
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#40
Benzene
Concen: 4.915 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.5	29.3





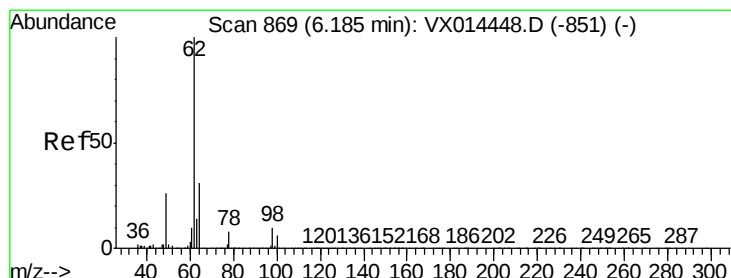
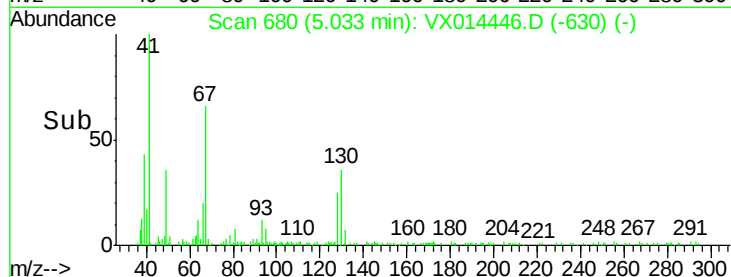
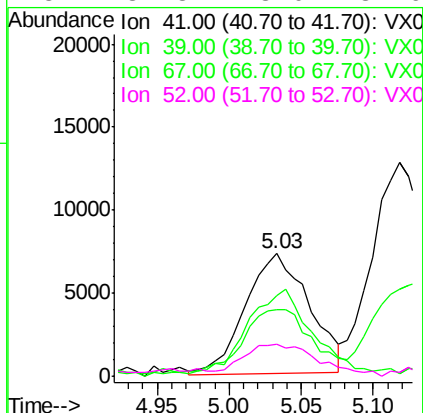
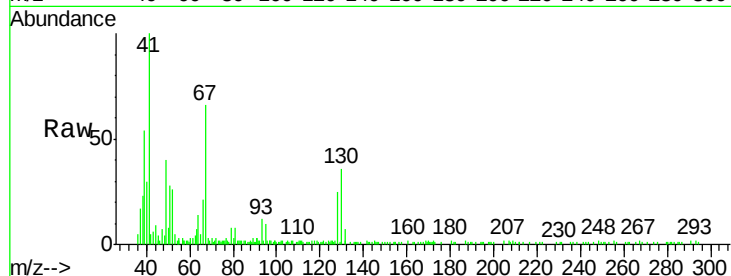
#41
Methacrylonitrile
Concen: 4.828 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.6	65.4
67	70.7	57.9	86.9
52	31.8	23.0	34.6

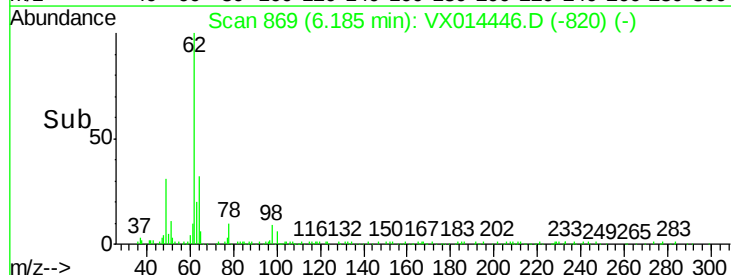
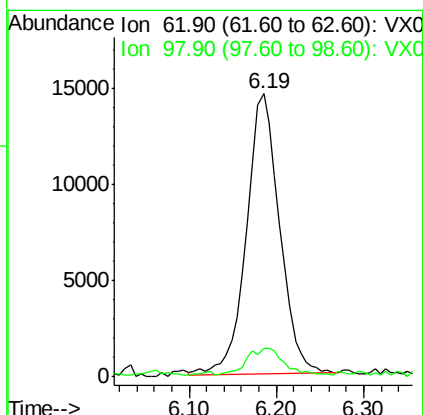
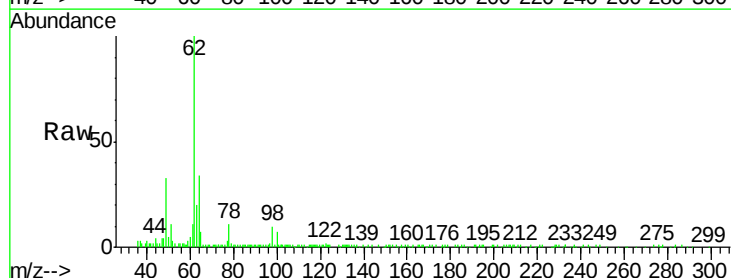
Manual Integrations
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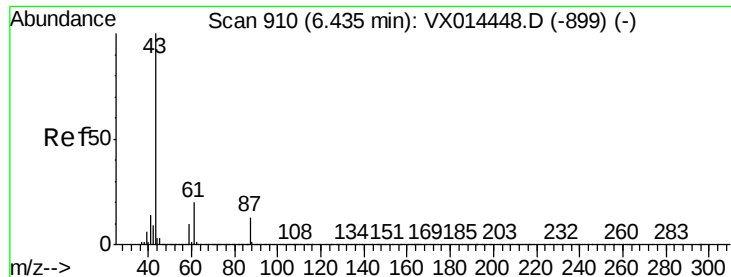
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#42
1,2-Dichloroethane
Concen: 4.886 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 4.769 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

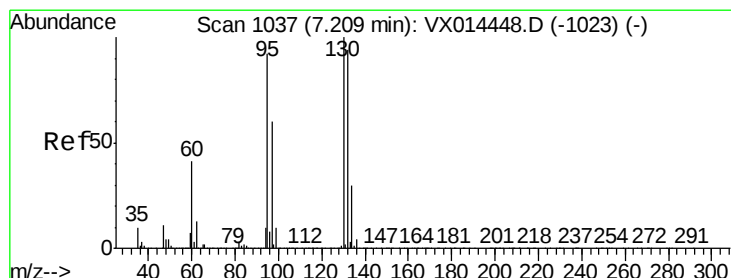
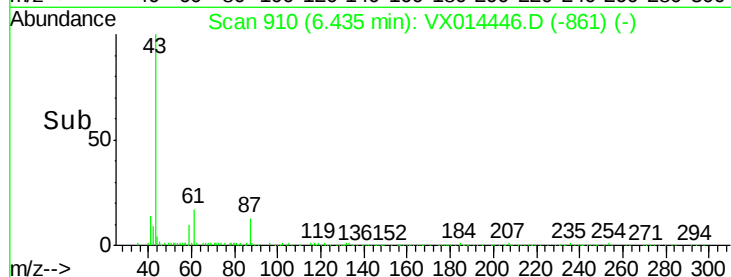
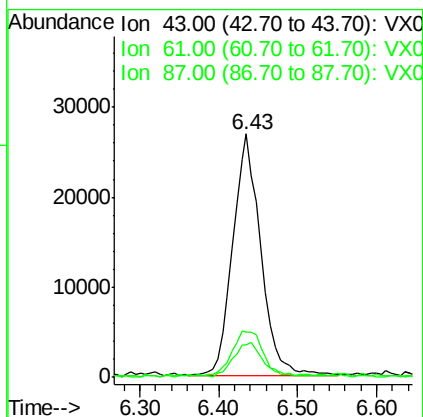
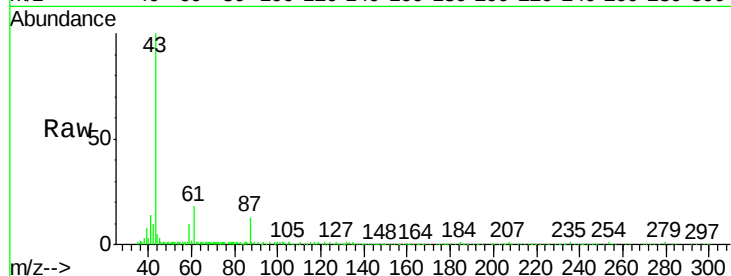
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	65771
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.6	24.8
87	14.7	10.8	16.2

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#44

Trichloroethene

Concen: 4.943 ug/l

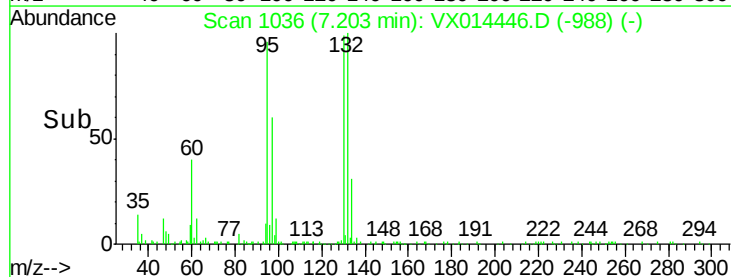
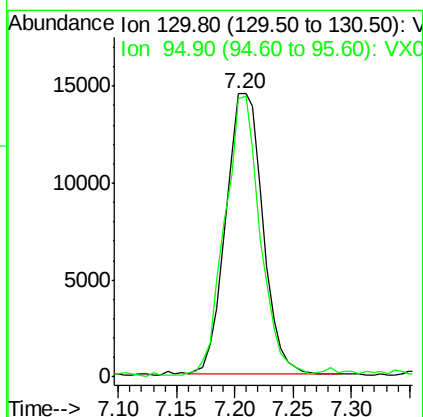
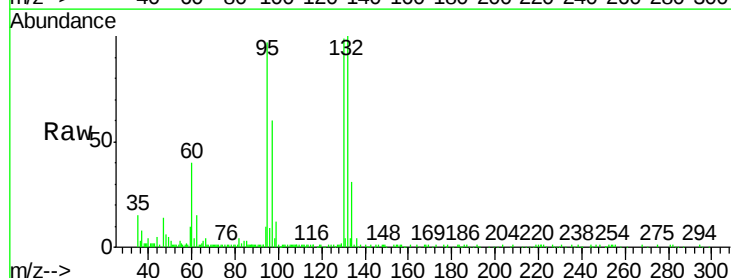
RT: 7.20 min Scan# 1036

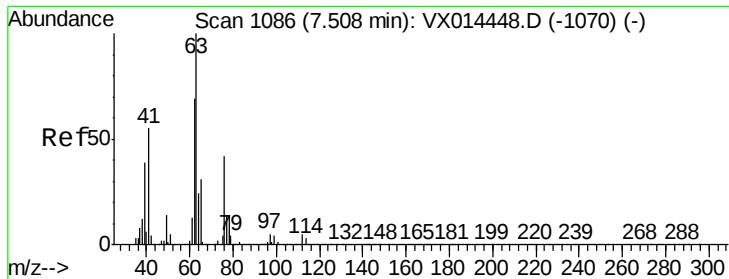
Delta R.T. -0.01 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	130	Resp:	32024
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	184.2





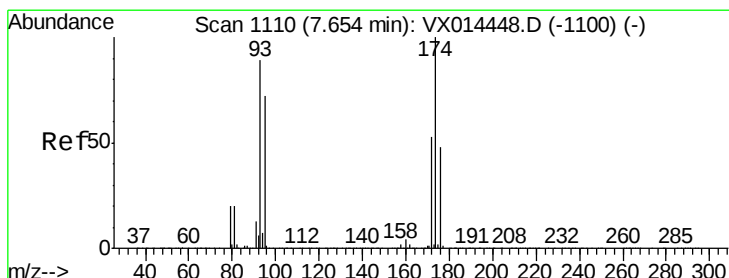
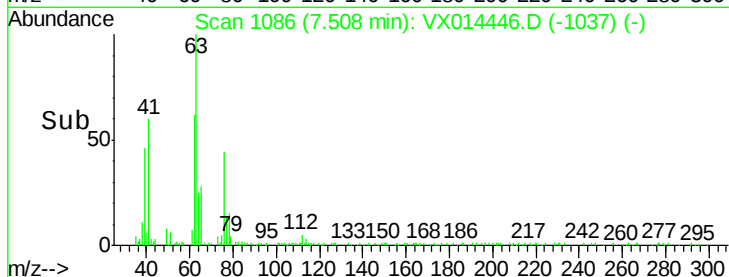
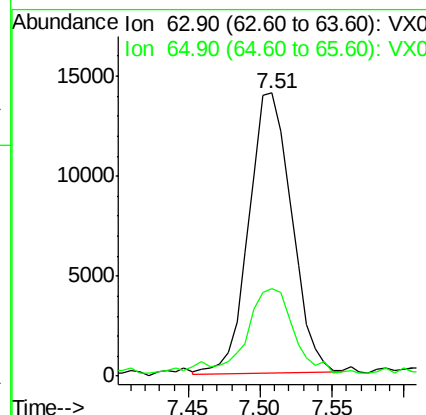
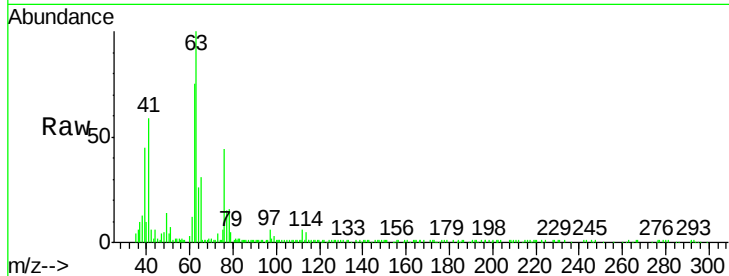
#45
 1,2-Dichloropropane
 Concen: 4.869 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 28982
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.8 37.2

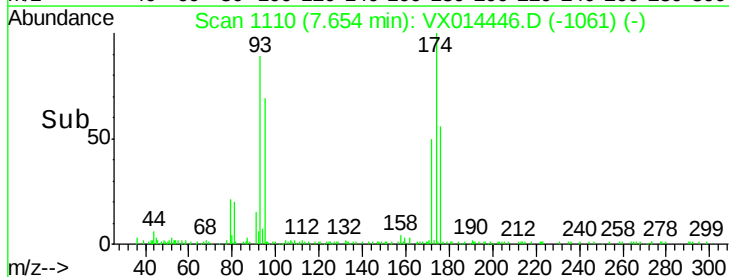
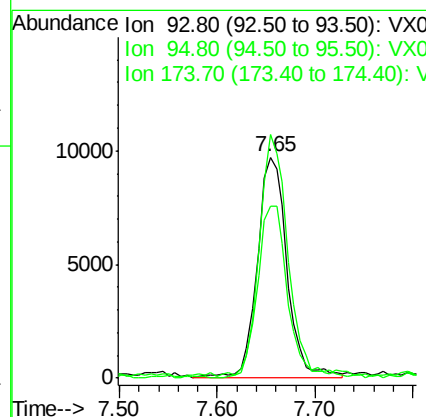
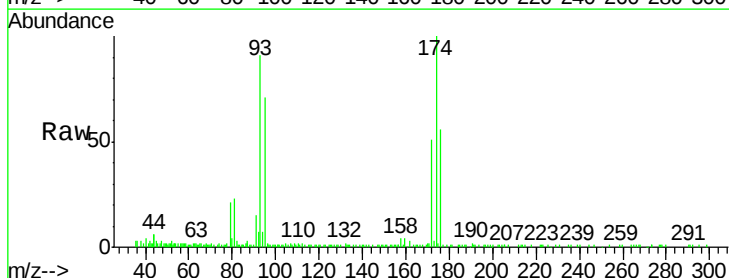
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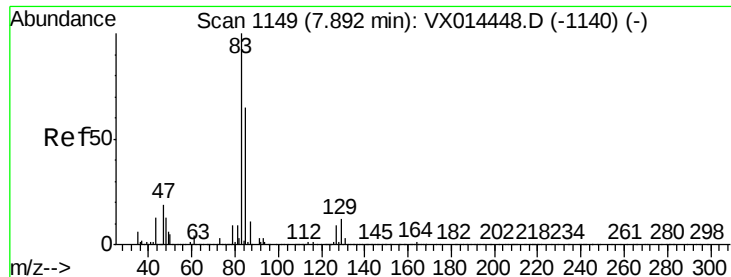
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#46
 Dibromomethane
 Concen: 5.266 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Tgt Ion: 93 Resp: 20793
 Ion Ratio Lower Upper
 93 100
 95 76.7 65.4 98.2
 174 105.5 93.0 139.4





#47

Bromodichloromethane

Concen: 4.607 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

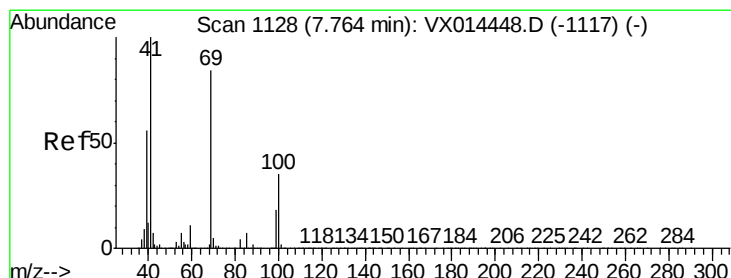
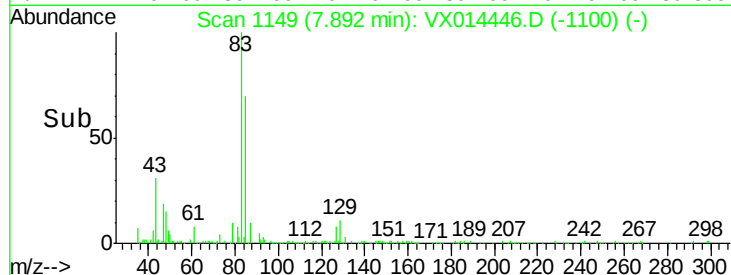
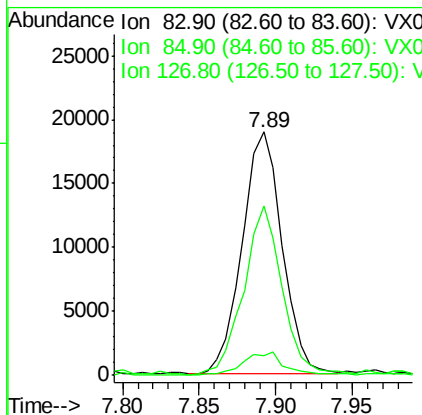
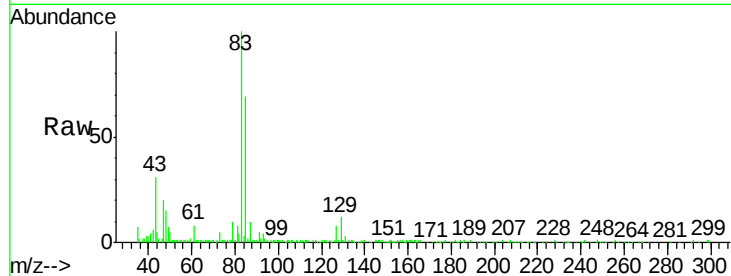
ClientSampled :

VSTDIC005

Tgt Ion:	83	Resp:	34217
Ion	Ratio	Lower	Upper
83	100		
85	69.9	51.7	77.5
127	7.2	7.1	10.7

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#48

Methyl methacrylate

Concen: 4.658 ug/l

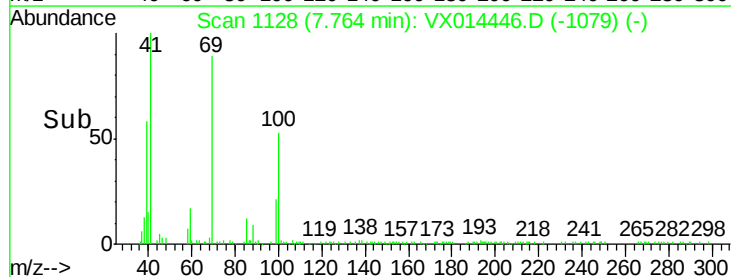
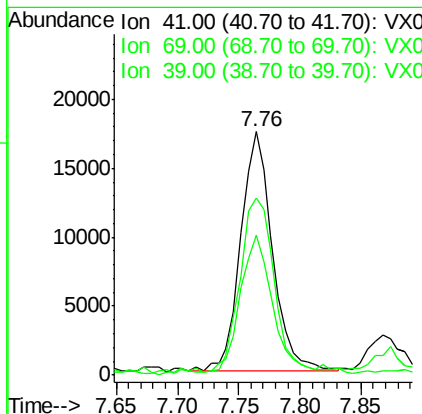
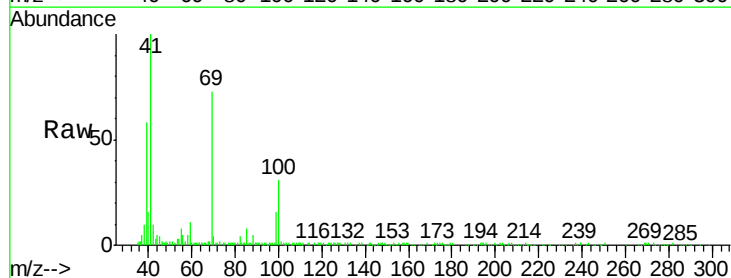
RT: 7.76 min Scan# 1128

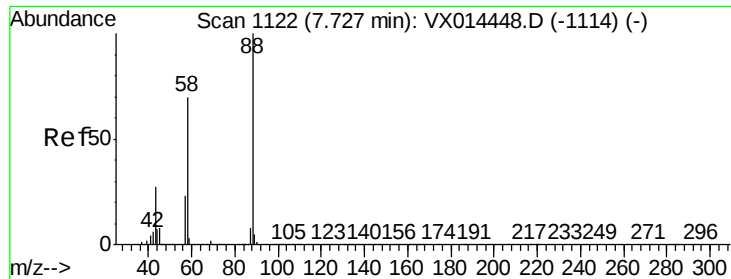
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	41	Resp:	31443
Ion	Ratio	Lower	Upper
41	100		
69	78.9	65.5	98.3
39	56.5	43.9	65.9





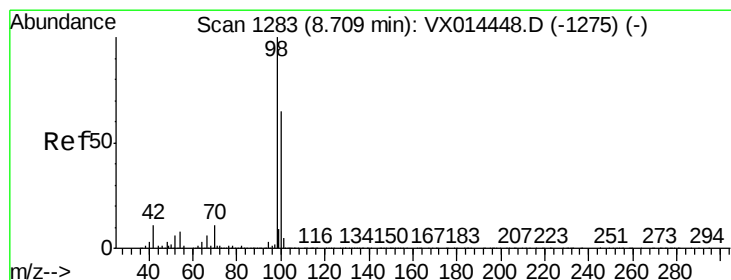
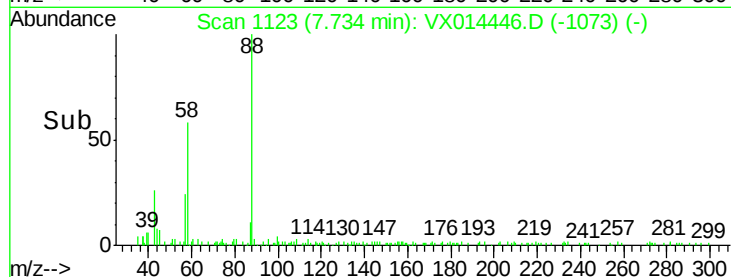
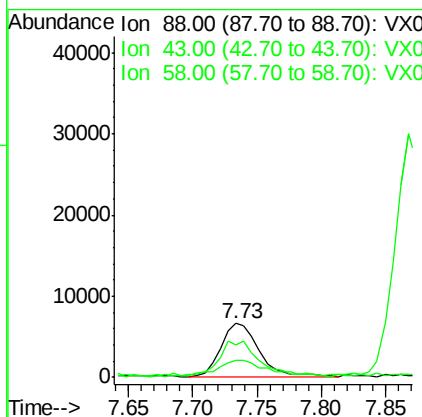
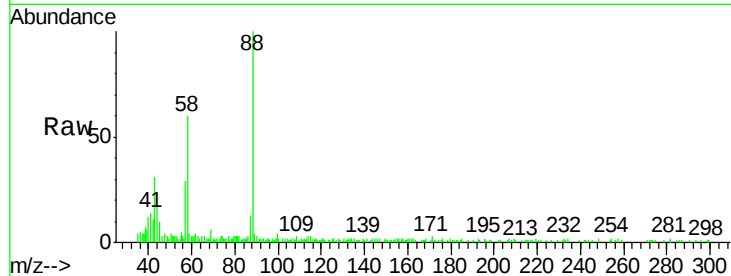
#49
1,4-Dioxane
Concen: 97.910 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.4	41.0
58	76.3	57.1	85.7

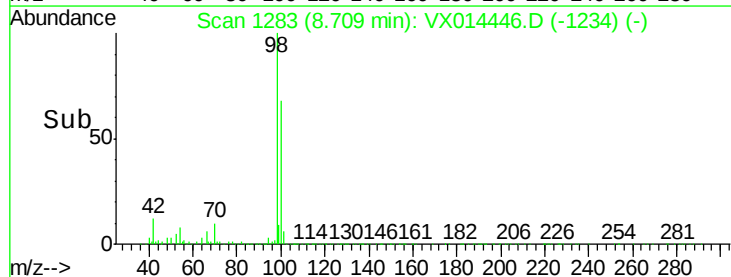
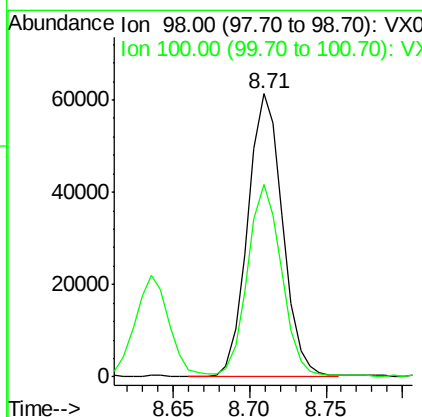
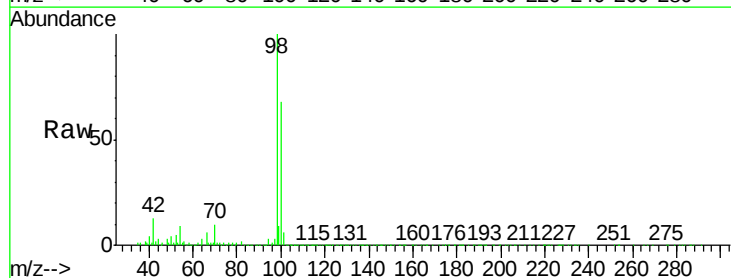
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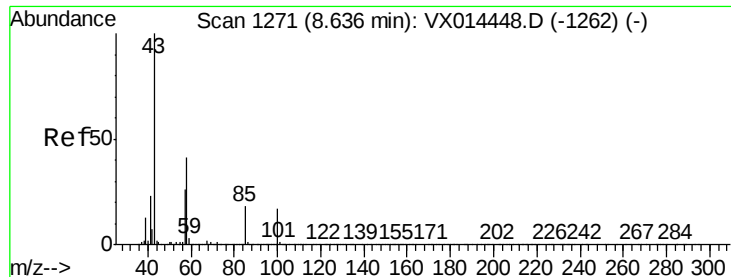
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#50
Toluene-d8
Concen: 5.019 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8





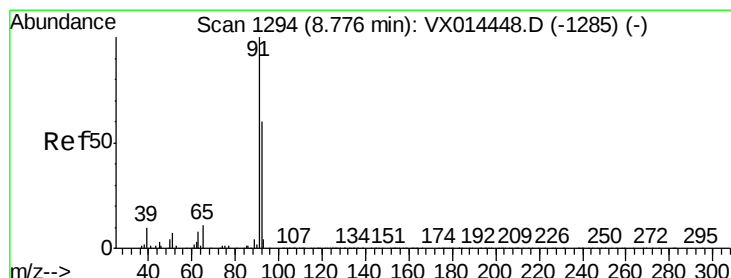
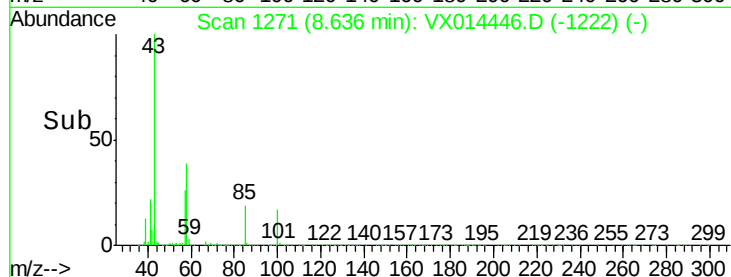
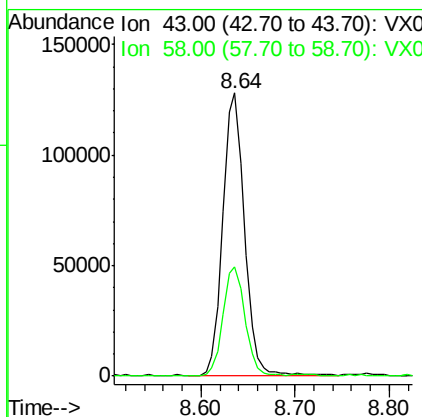
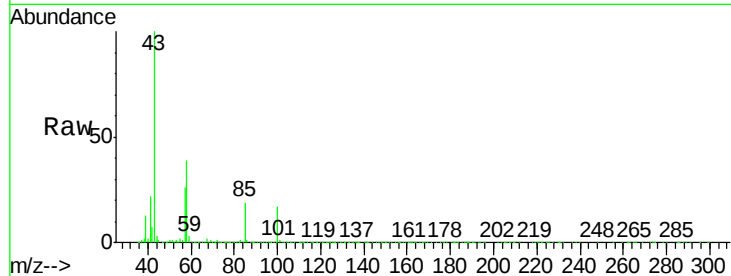
#51
4-Methyl-2-Pentanone
Concen: 23.561 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.4	48.6

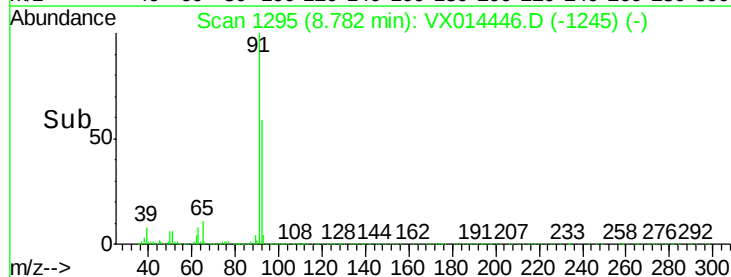
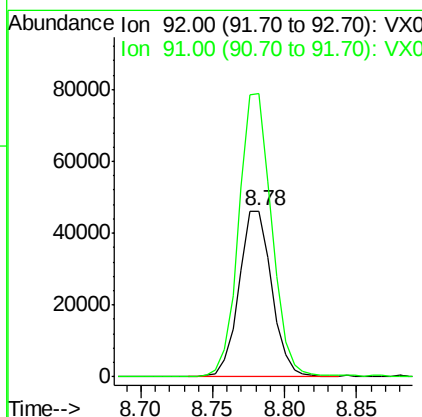
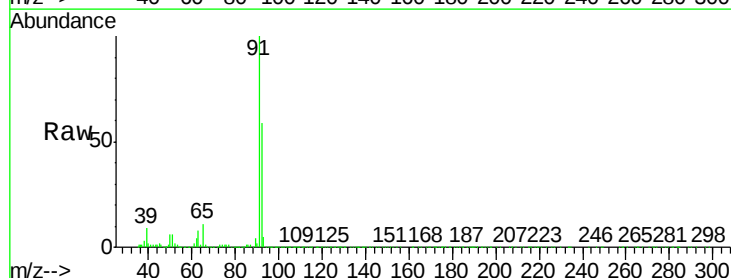
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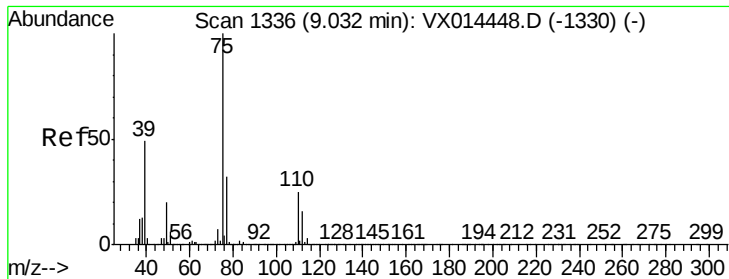
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#52
Toluene
Concen: 4.944 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	135.7	203.5





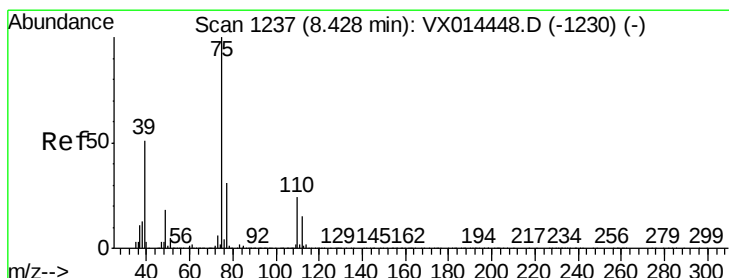
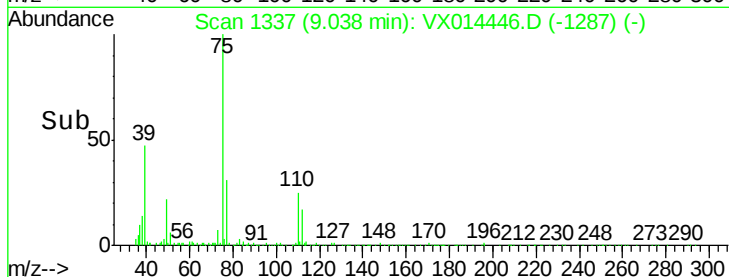
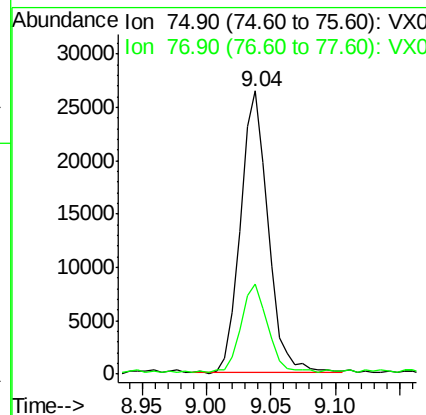
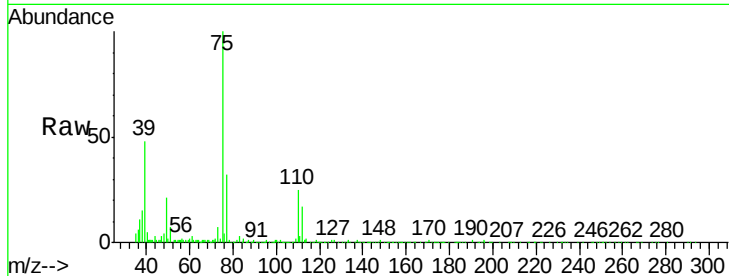
#53
t-1,3-Dichloropropene
Concen: 4.829 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 39402
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

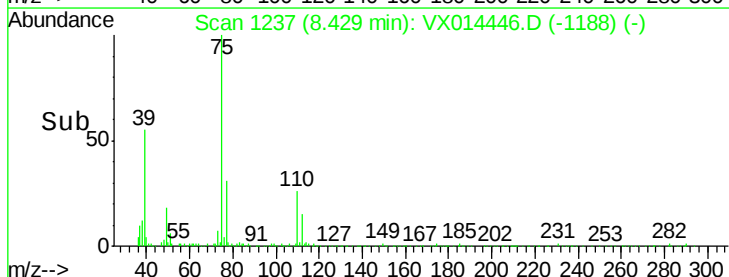
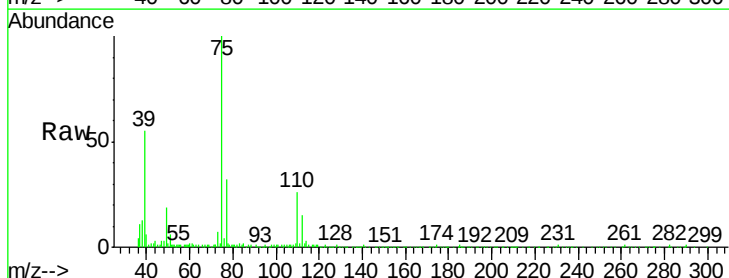
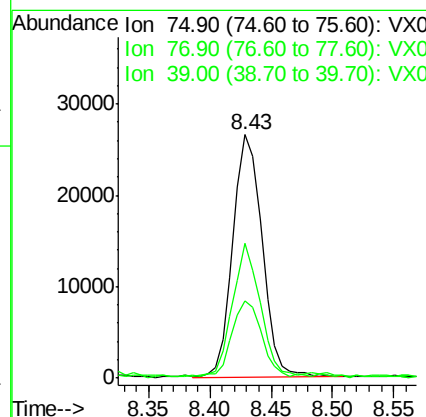
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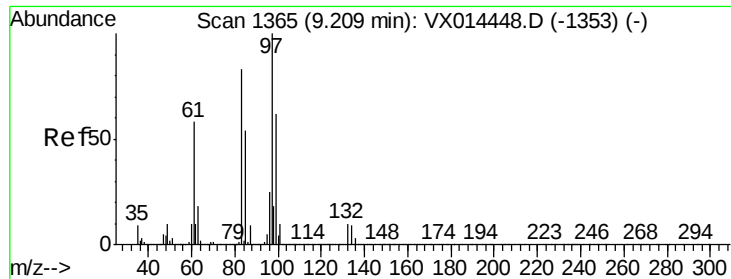
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#54
cis-1,3-Dichloropropene
Concen: 4.866 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion: 75 Resp: 44224
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4
39 54.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 4.769 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

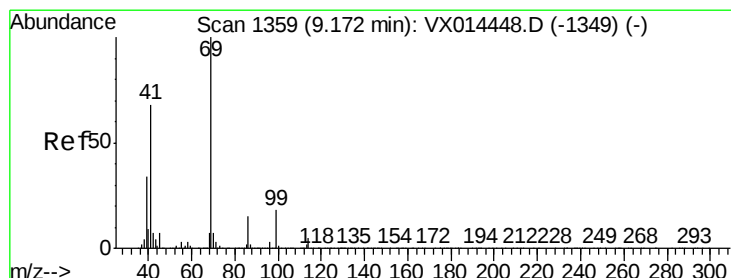
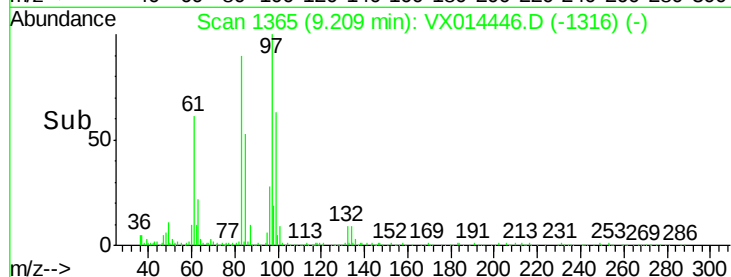
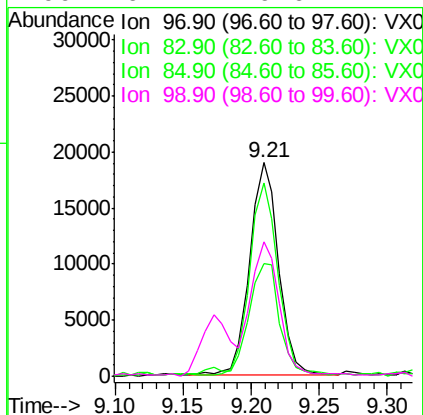
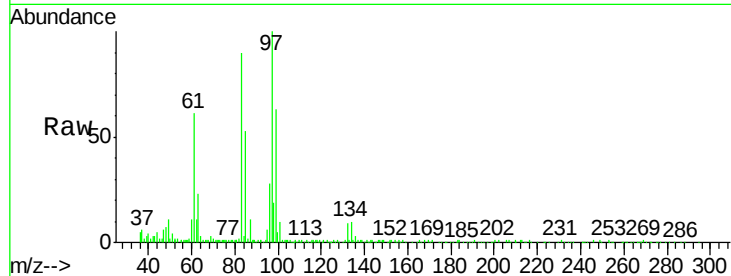
ClientSampled :

VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	28072		
83	90.2	66.4	99.6	
85	51.6	43.4	65.2	
99	62.2	49.6	74.4	

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#56

Ethyl methacrylate

Concen: 4.655 ug/l

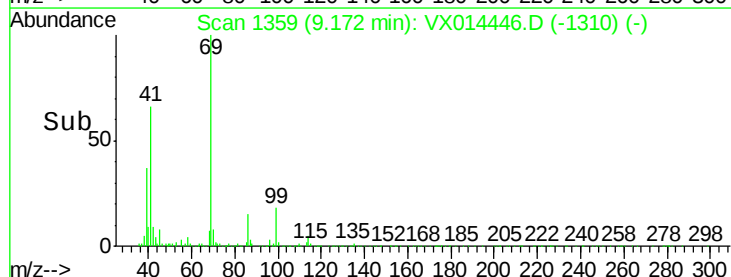
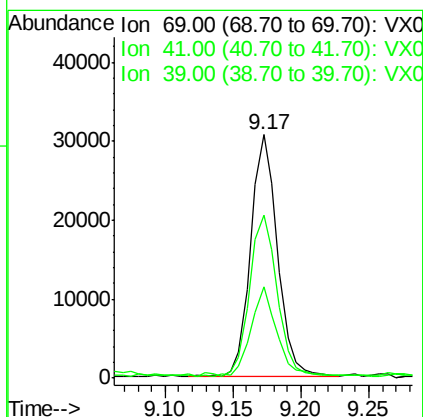
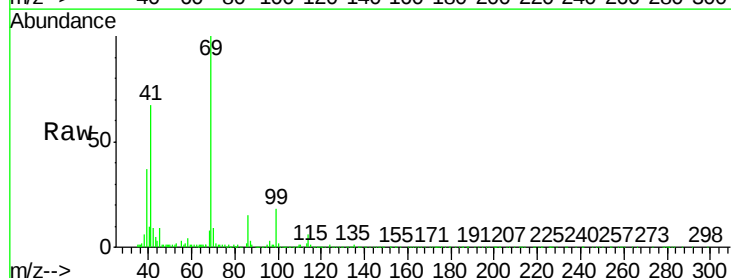
RT: 9.17 min Scan# 1359

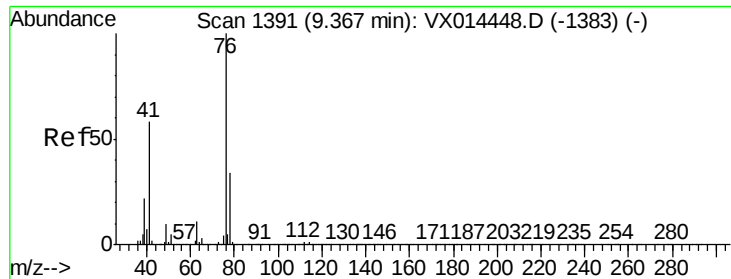
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	42946		
41	67.8	54.2	81.2	
39	36.3	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 5.129 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 50579

Ion Ratio Lower Upper

76 100

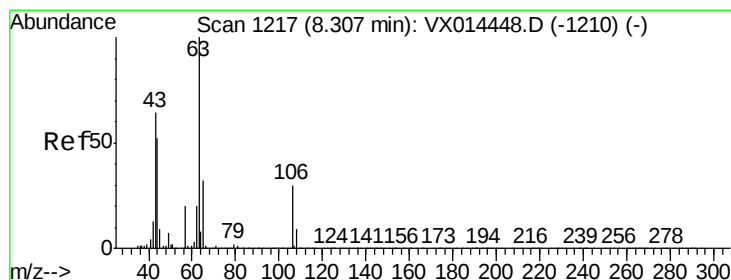
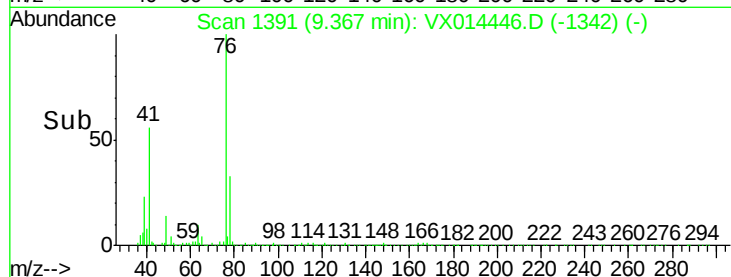
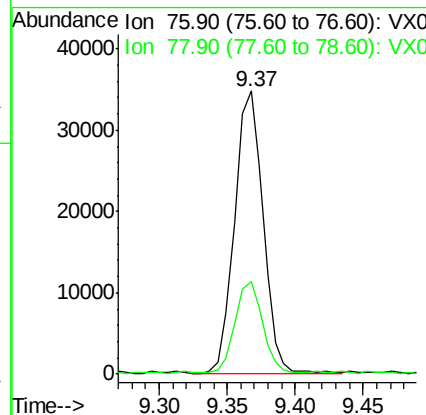
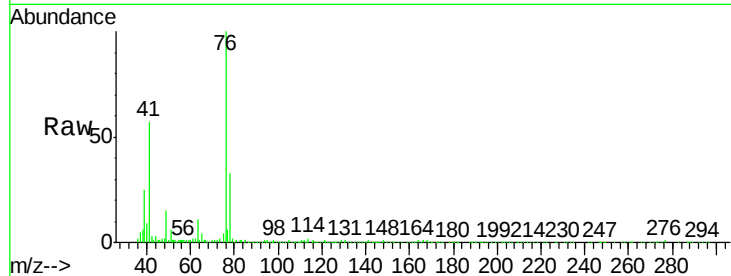
78 32.9 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 20.735 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014446.D

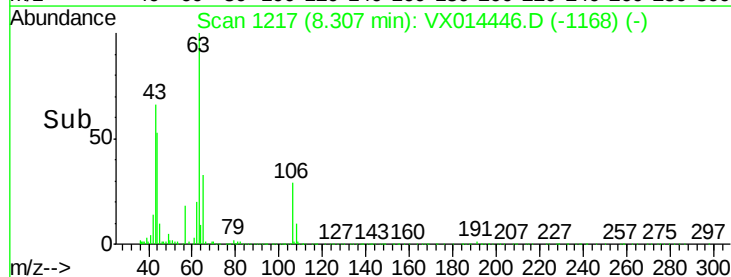
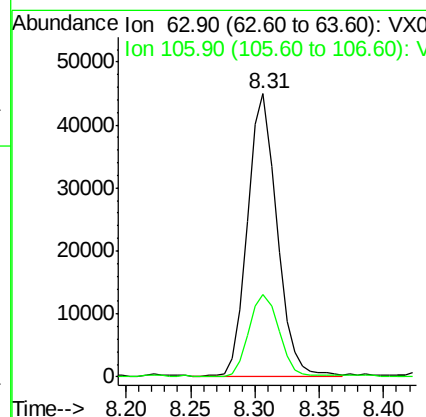
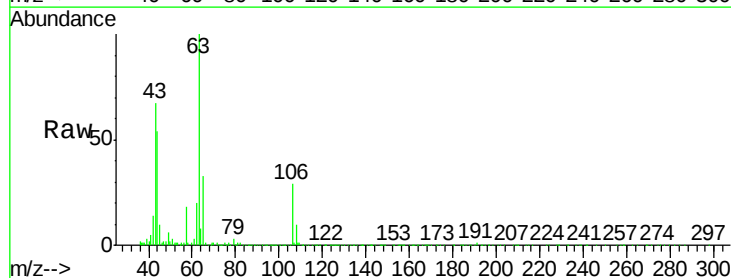
Acq: 07 Jan 2020 13:58

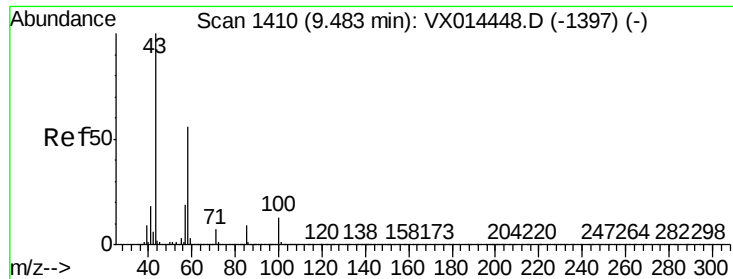
Tgt Ion: 63 Resp: 70635

Ion Ratio Lower Upper

63 100

106 29.8 23.6 35.4





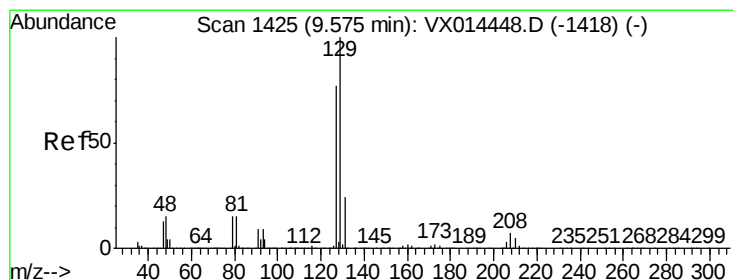
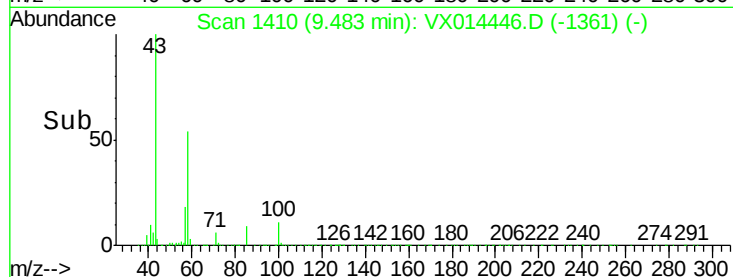
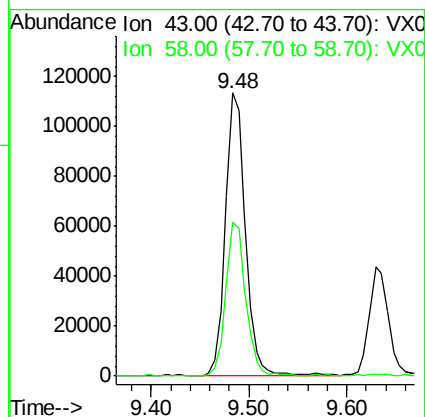
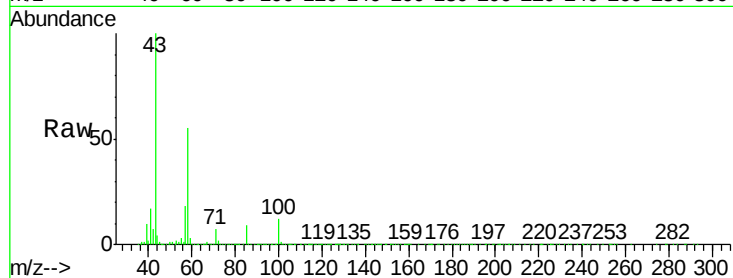
#59
2-Hexanone
Concen: 23.114 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 159593
Ion Ratio Lower Upper
43 100
58 54.6 27.9 83.7

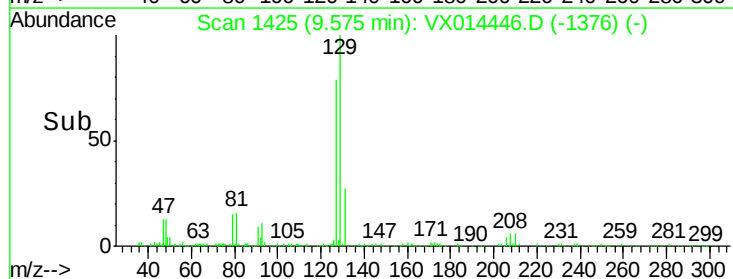
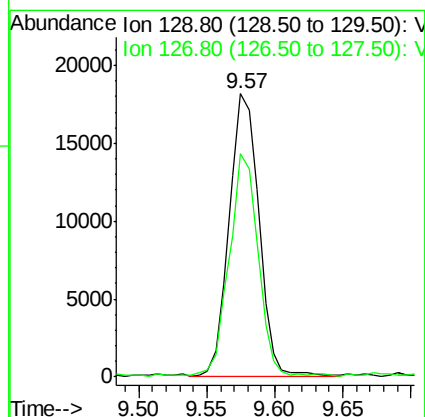
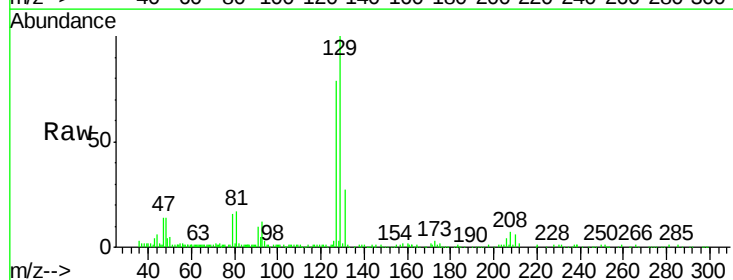
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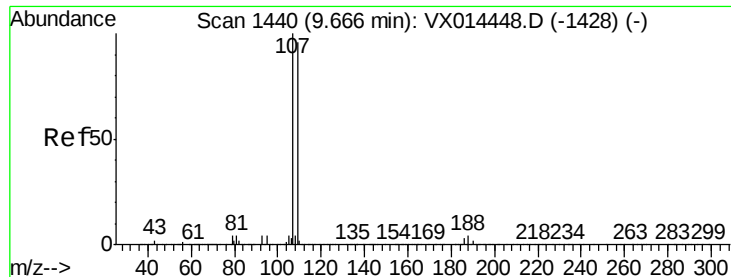
apatel
1/8/2020 9:15:47 AM



#60
Dibromochloromethane
Concen: 4.697 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion: 129 Resp: 27551
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 5.223 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 107 Resp: 31461

Ion Ratio Lower Upper

107 100

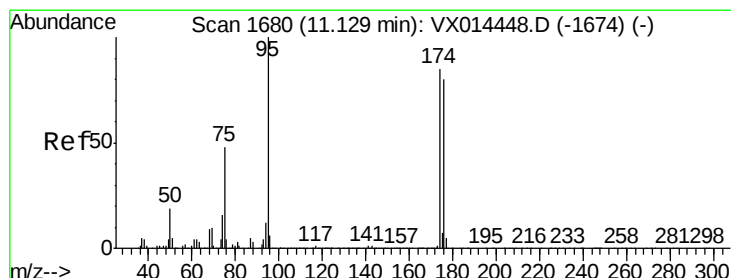
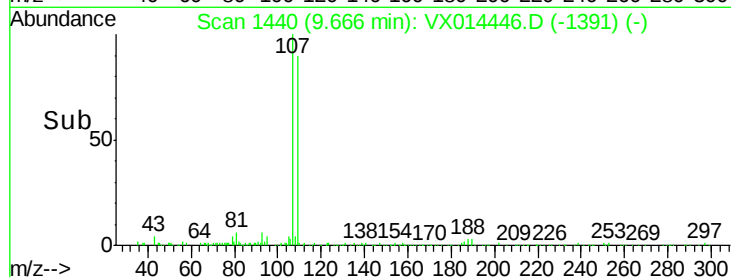
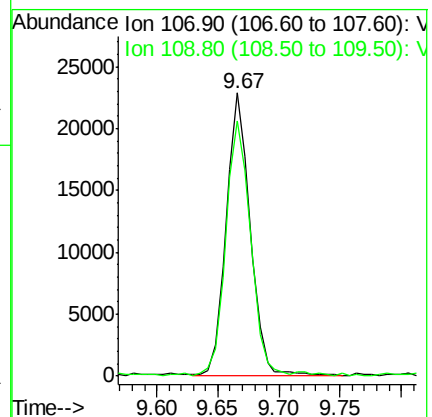
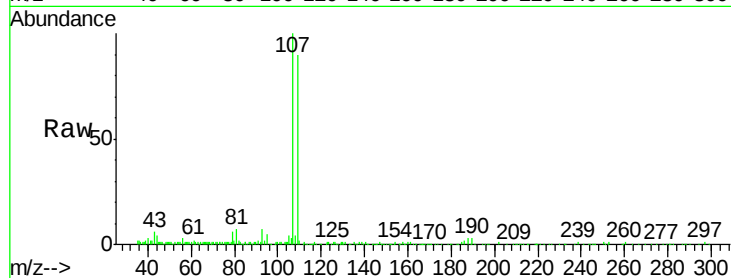
109 92.5 76.5 114.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 5.058 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

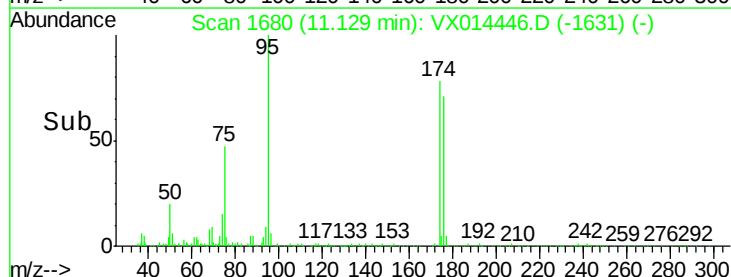
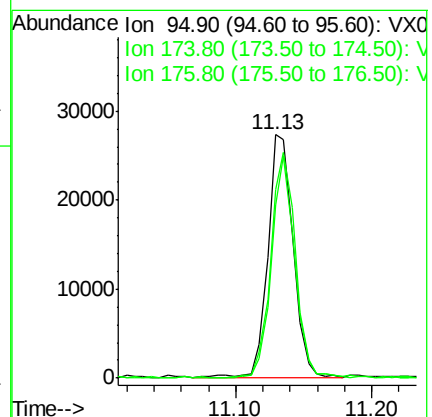
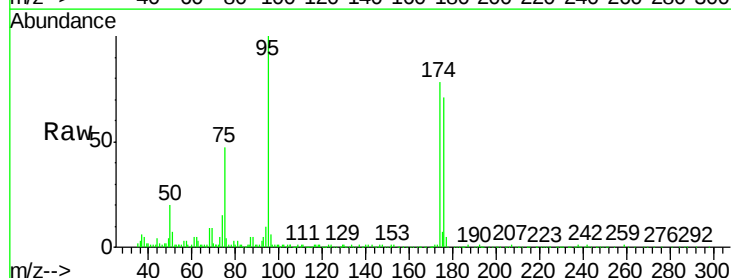
Tgt Ion: 95 Resp: 35616

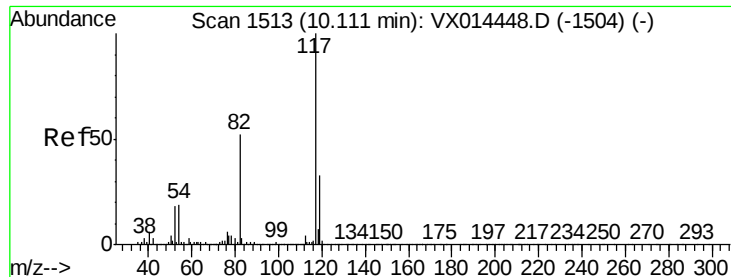
Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.8

176 84.4 0.0 172.8





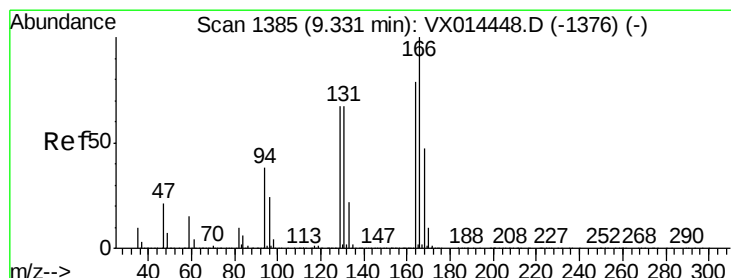
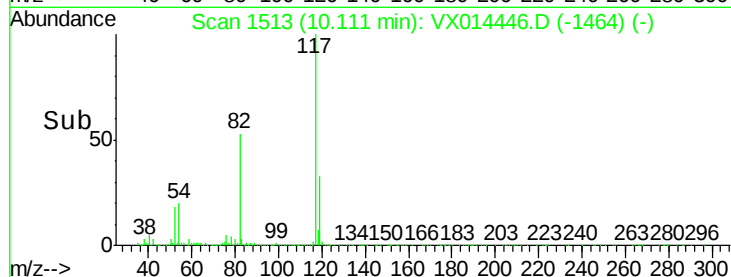
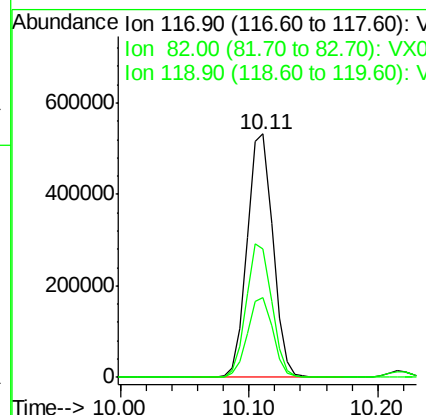
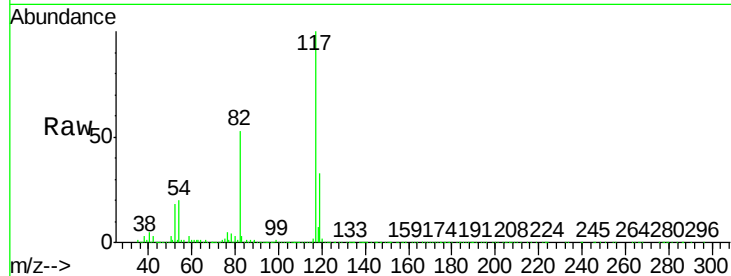
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.6	41.8	62.6
119	32.9	26.2	39.4

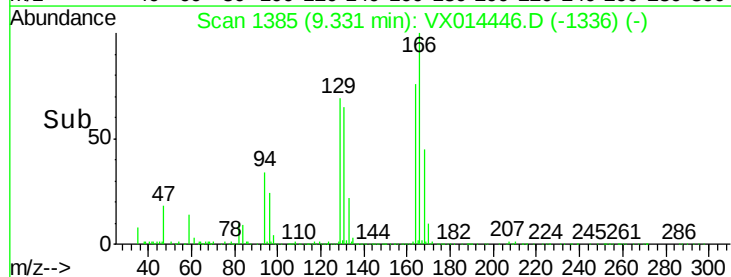
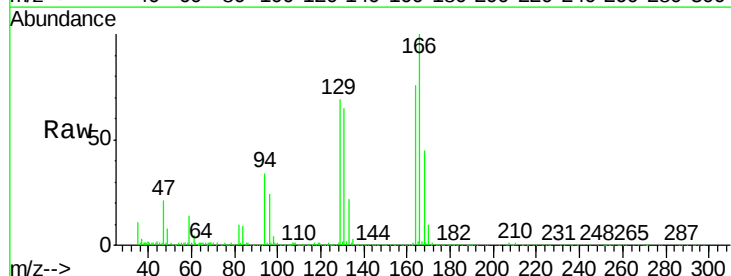
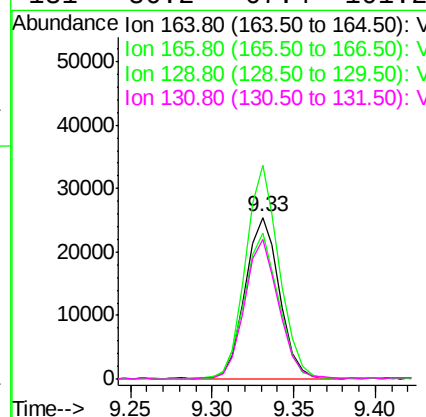
Manual Integrations
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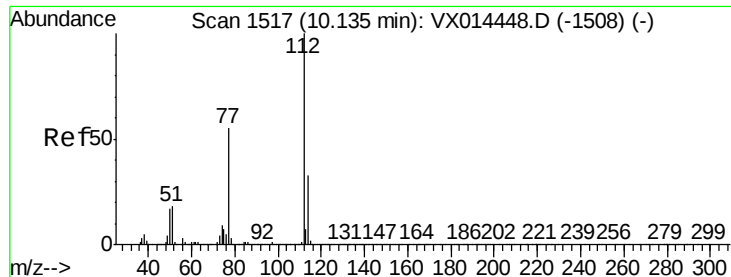
apatel
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#64
Tetrachloroethene
Concen: 5.604 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	132.0	101.2	151.8
129	90.1	68.3	102.5
131	86.2	67.4	101.2





#65

Chlorobenzene

Concen: 5.084 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 79722

Ion Ratio Lower Upper

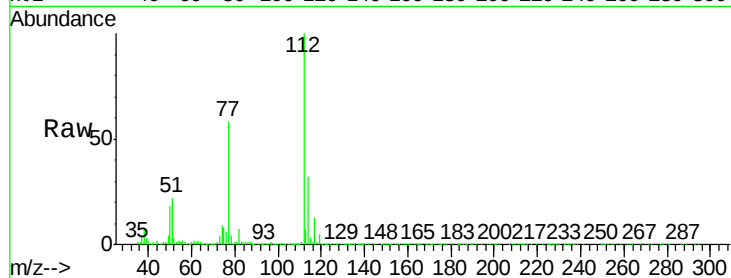
112 100

114 31.5 26.2 39.4

Manual Integrations
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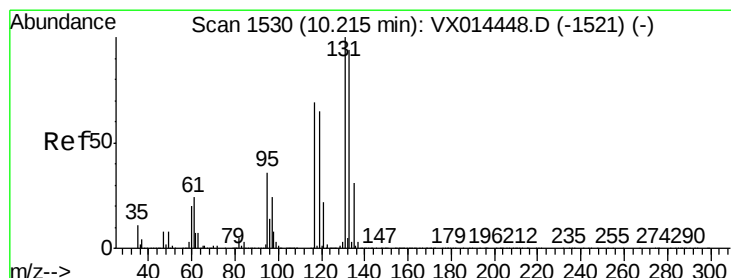
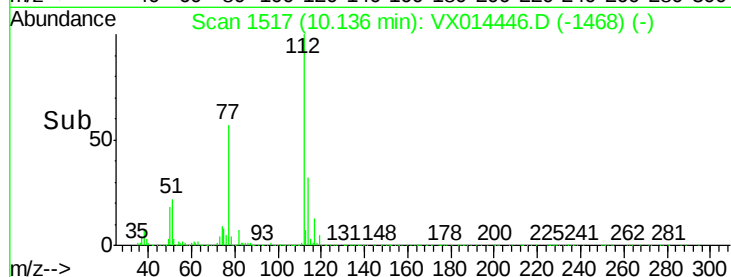
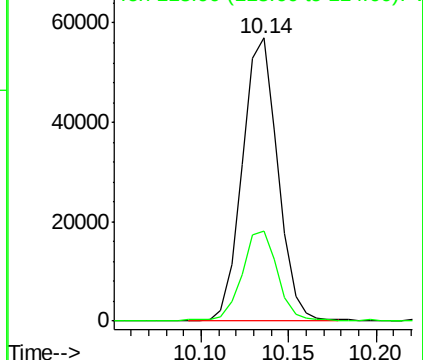
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.957 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

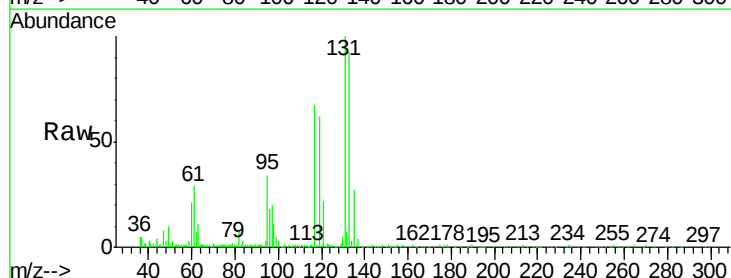
Tgt Ion:131 Resp: 27766

Ion Ratio Lower Upper

131 100

133 93.5 47.3 142.0

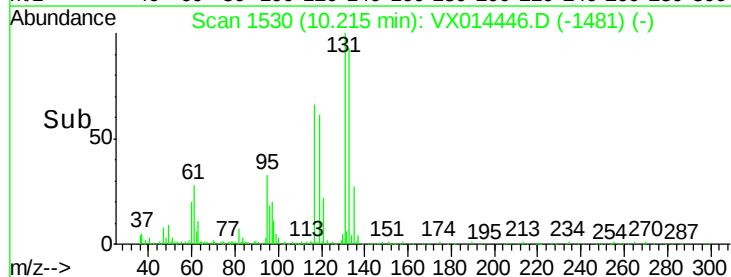
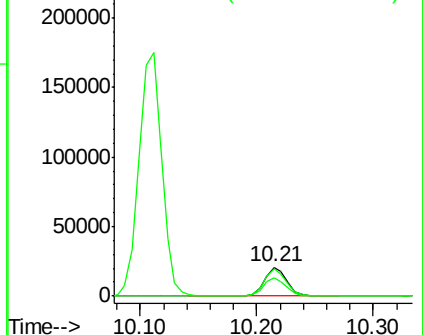
119 61.5 32.8 98.4

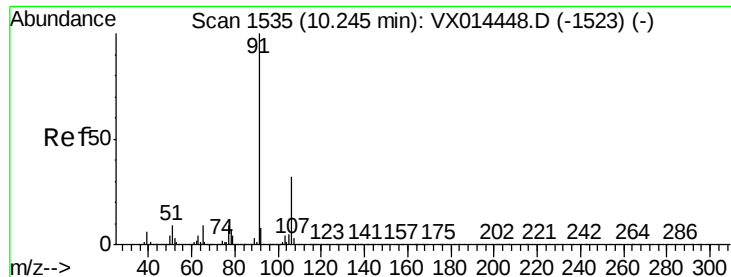


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





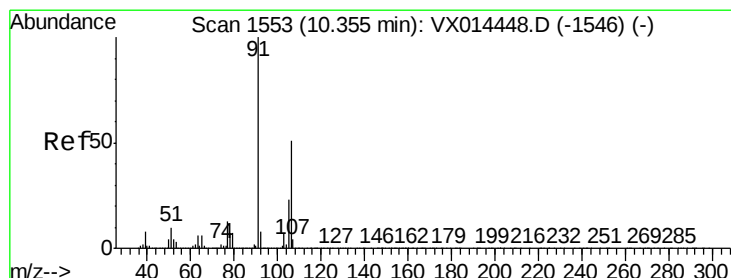
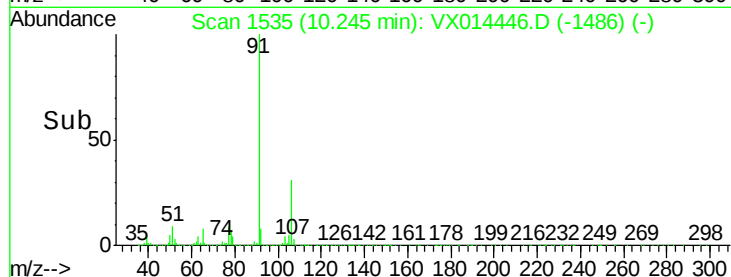
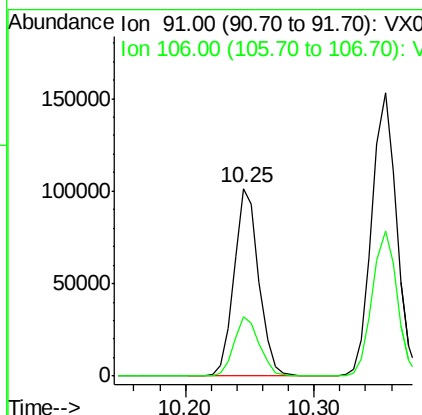
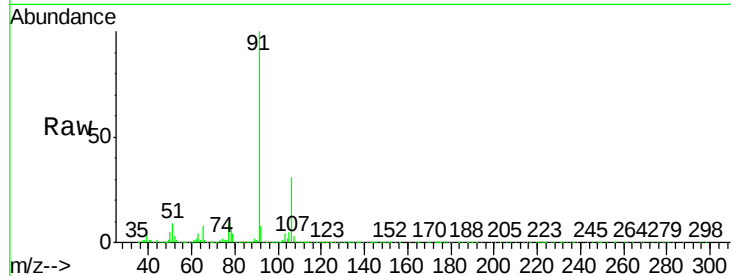
#67
Ethyl Benzene
Concen: 5.059 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 91 Resp: 136134
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

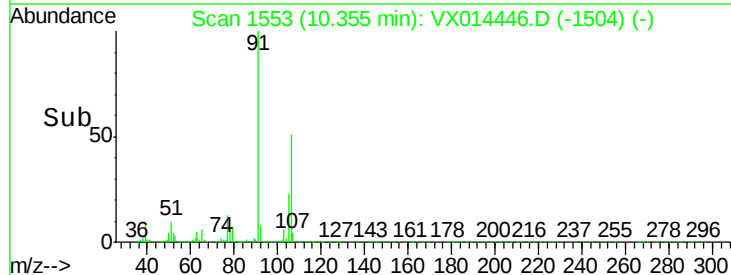
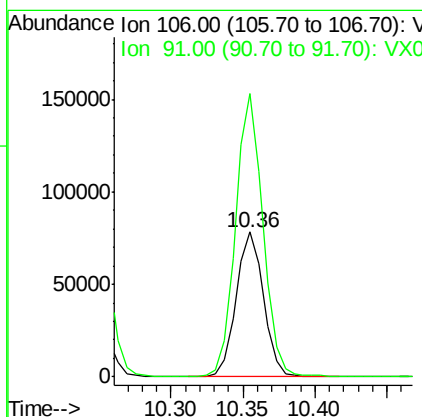
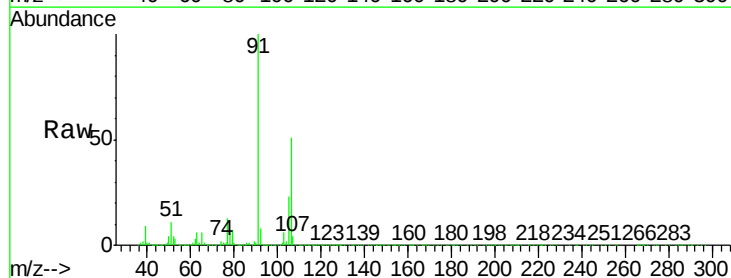
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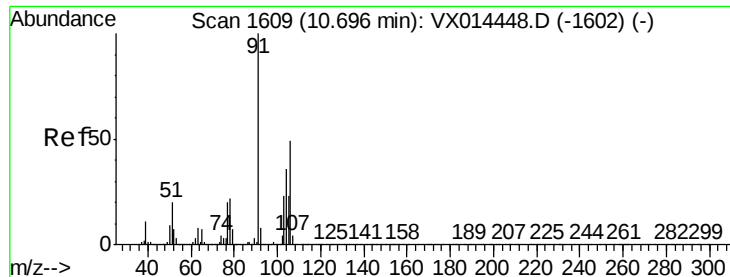
apatel
1/8/2020 9:15:47 AM



#68
m/p-Xylenes
Concen: 10.008 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion: 106 Resp: 103771
Ion Ratio Lower Upper
106 100
91 194.2 157.4 236.0





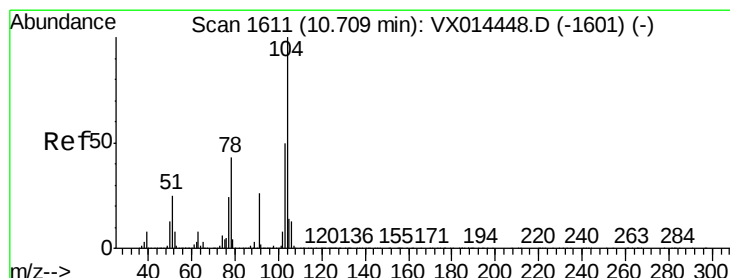
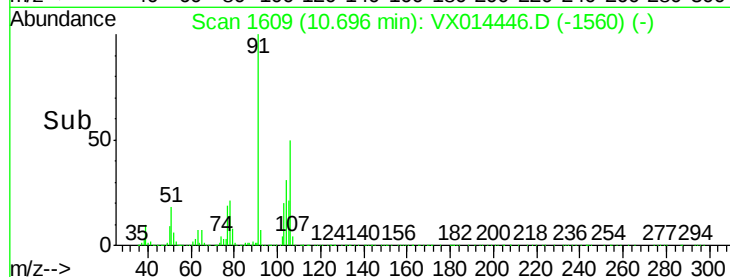
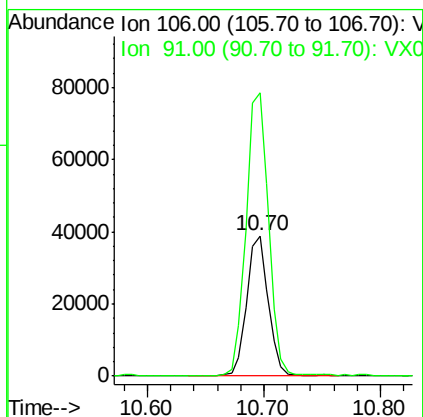
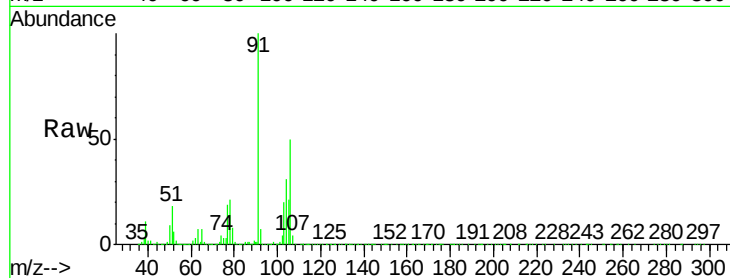
#69
o-Xylene
Concen: 5.033 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 50958
Ion Ratio Lower Upper
106 100
91 207.1 105.1 315.1

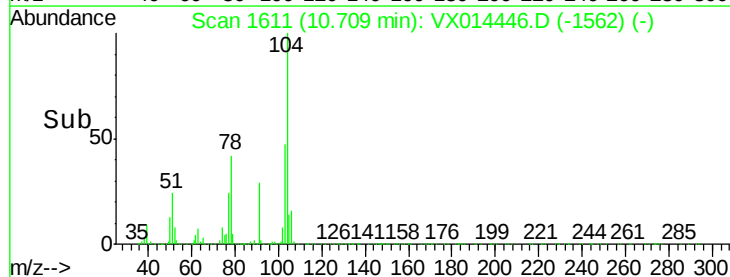
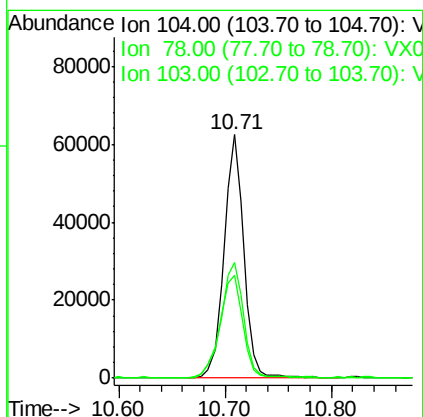
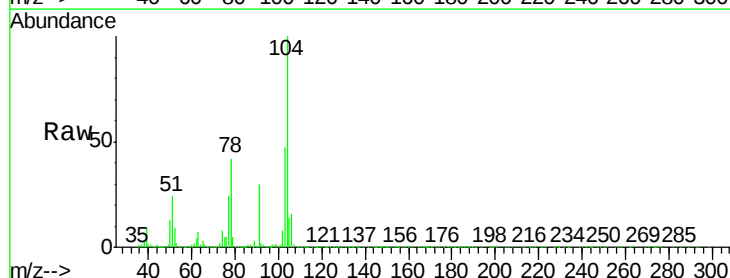
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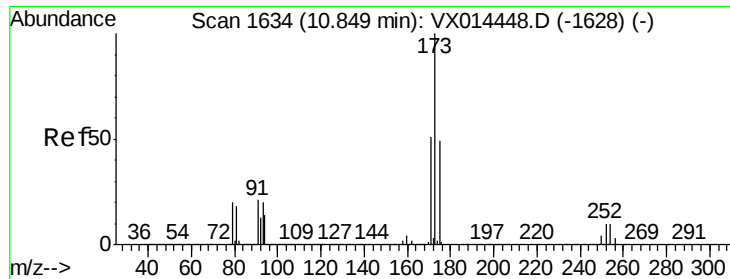
apatel
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#70
Styrene
Concen: 4.713 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion:104 Resp: 80757
Ion Ratio Lower Upper
104 100
78 49.3 38.6 58.0
103 54.1 43.7 65.5





#71

Bromoform

Concen: 4.480 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion:173 Resp: 20244

Ion Ratio Lower Upper

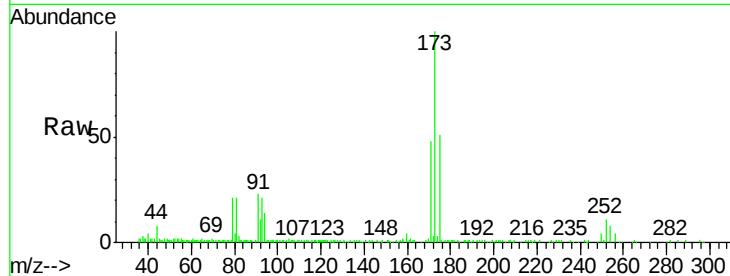
173 100

175 52.4 24.3 72.8

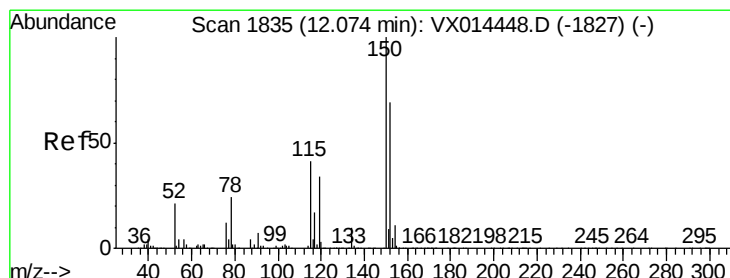
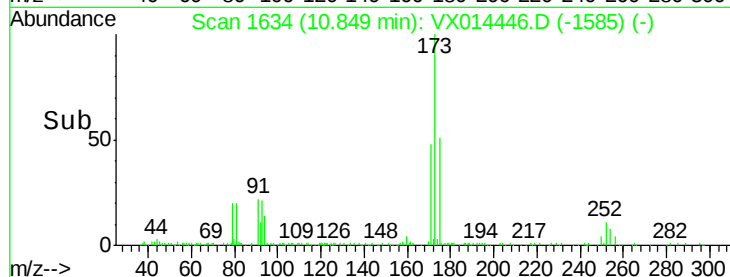
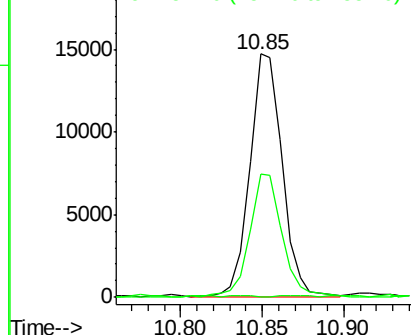
254 0.6 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

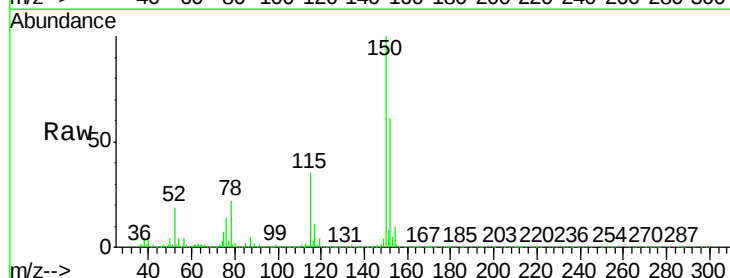
Tgt Ion:152 Resp: 369222

Ion Ratio Lower Upper

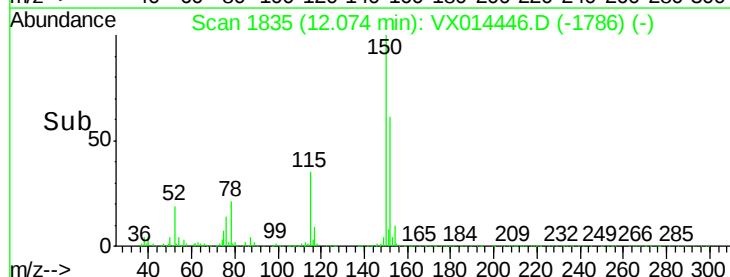
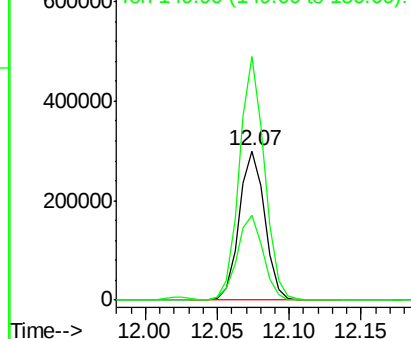
152 100

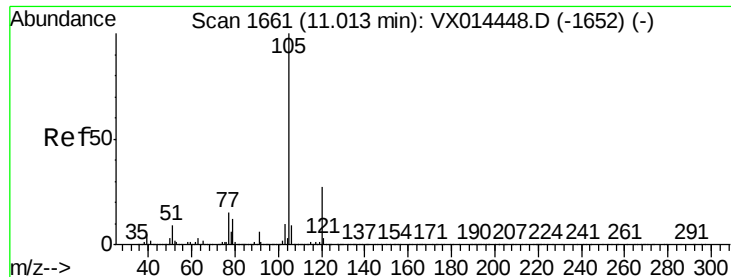
115 58.2 39.5 118.3

150 160.8 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.011 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 130773

Ion Ratio Lower Upper

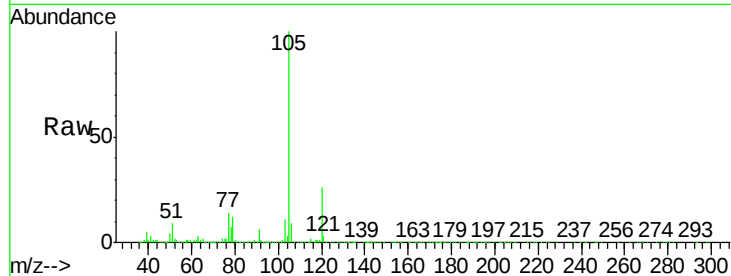
105 100

120 26.8 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

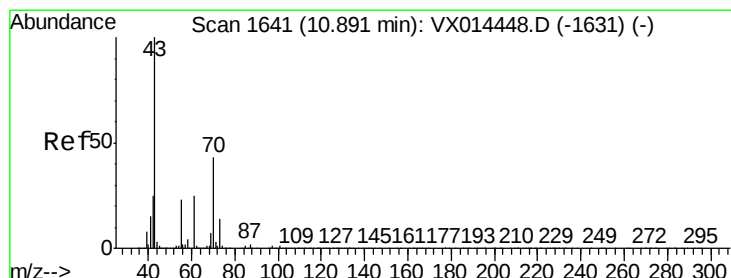
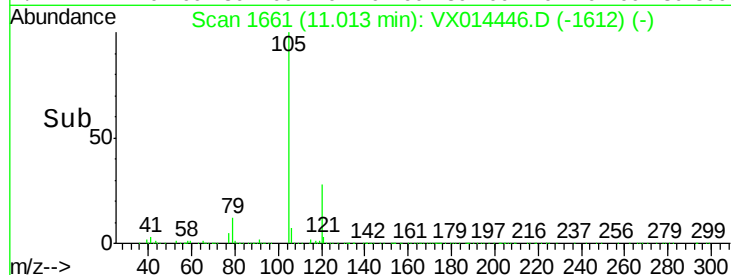
20000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 4.733 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion: 43 Resp: 57343

Ion Ratio Lower Upper

43 100

70 41.9 35.1 52.7

55 24.0 19.3 28.9

61 22.2 20.0 30.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

40000

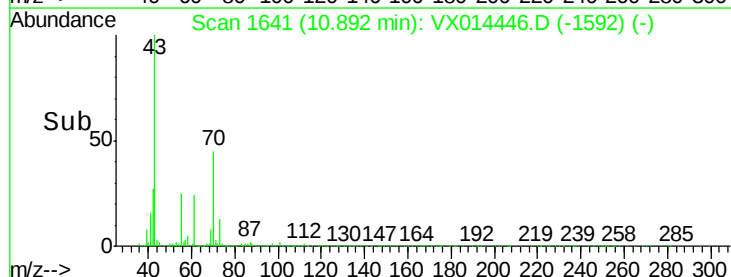
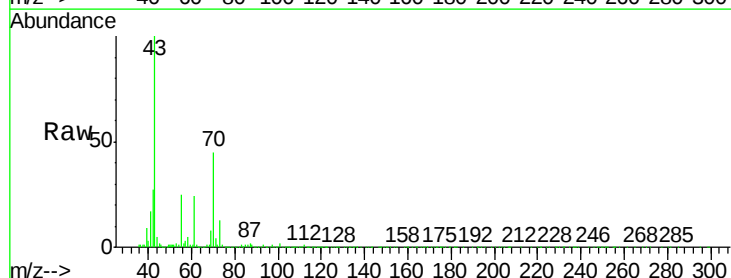
20000

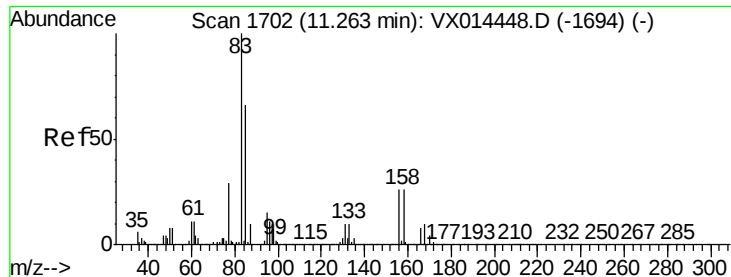
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.592 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

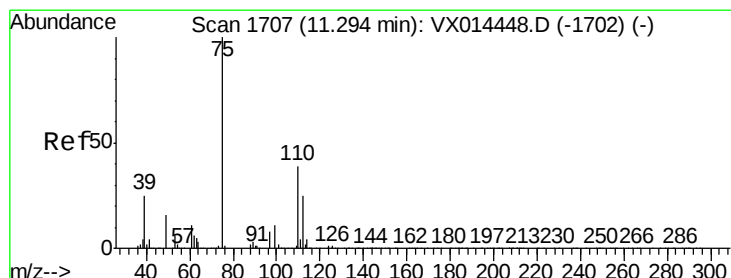
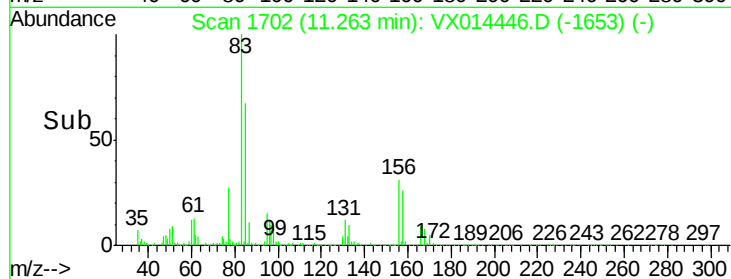
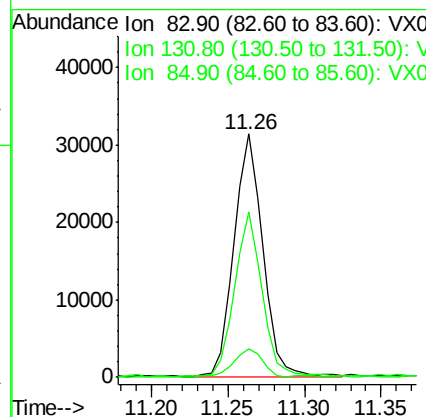
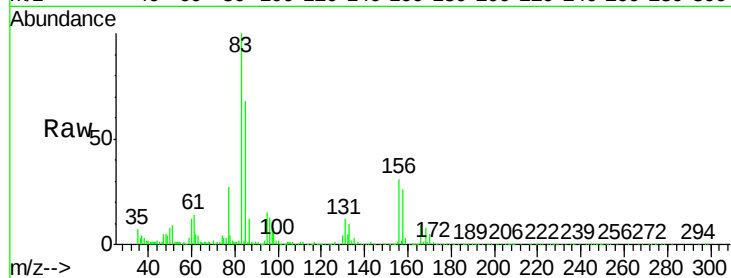
ClientSampled :

VSTDIC005

Tgt Ion:	83	Resp:	40893
Ion Ratio	Lower	Upper	
83	100		
131	13.0	5.1	15.4
85	64.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 5.247 ug/l m

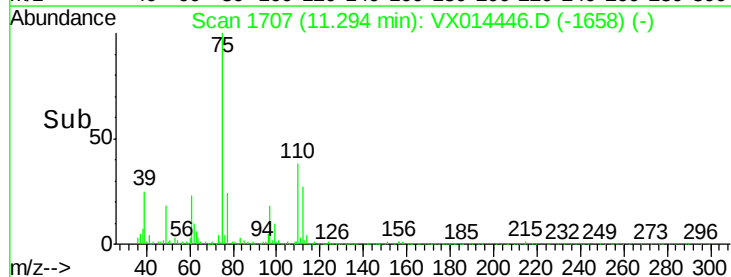
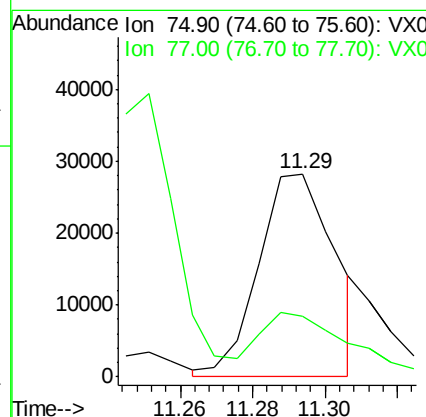
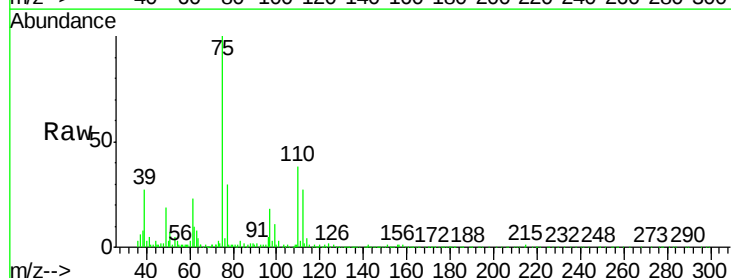
RT: 11.29 min Scan# 1707

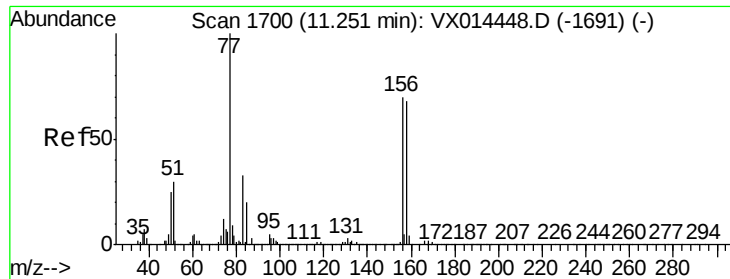
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	75	Resp:	41109
Ion Ratio	Lower	Upper	
75	100		
77	35.9	21.9	65.7





#77

Bromobenzene

Concen: 5.149 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

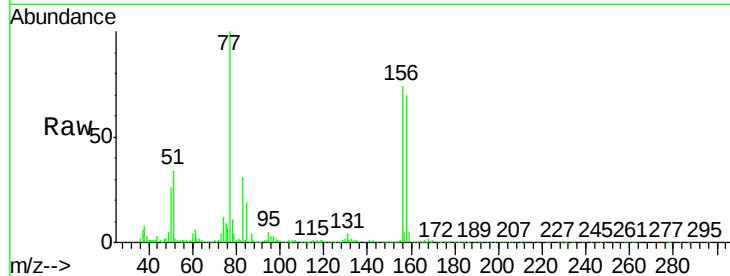
ClientSampled :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	141.3	75.4	226.3
158	95.5	48.8	146.3

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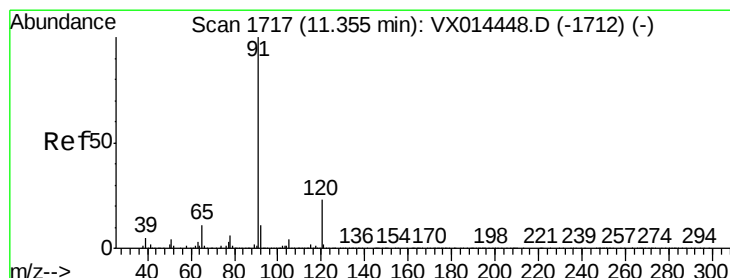
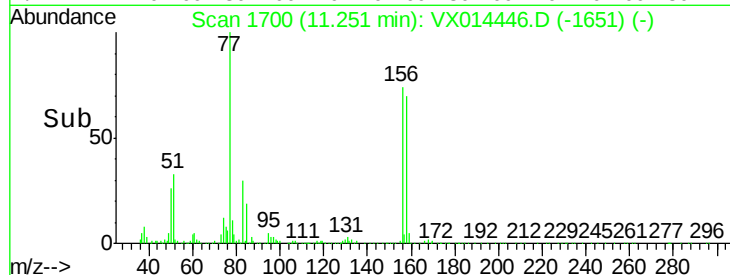
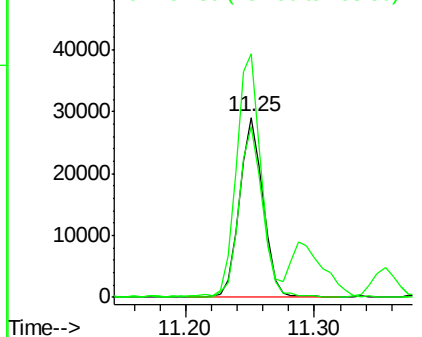


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.022 ug/l

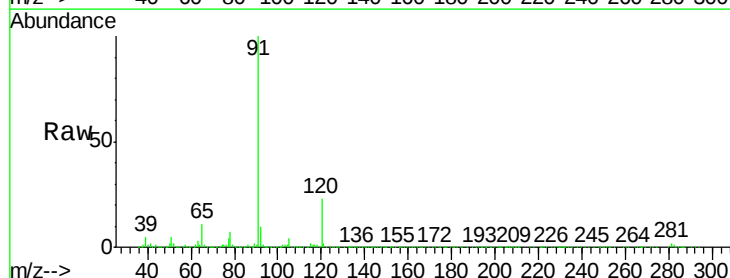
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

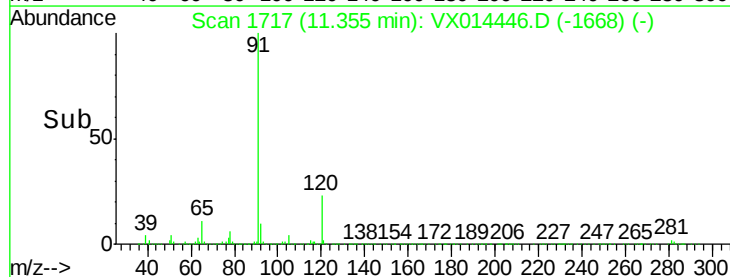
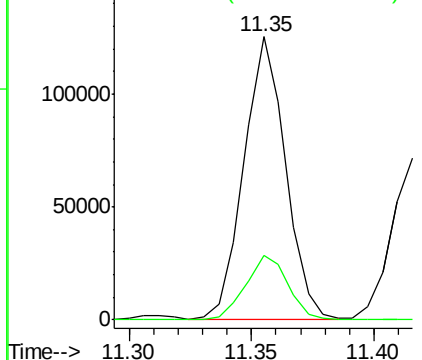
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5

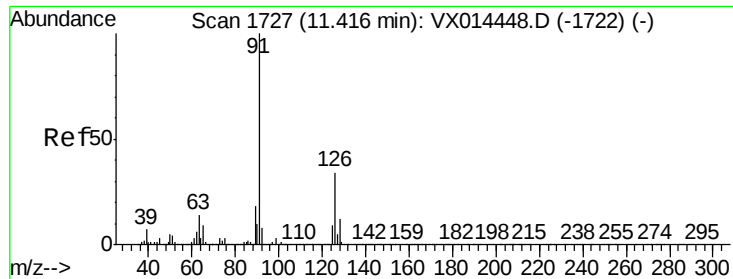


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.995 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 91 Resp: 88577

Ion Ratio Lower Upper

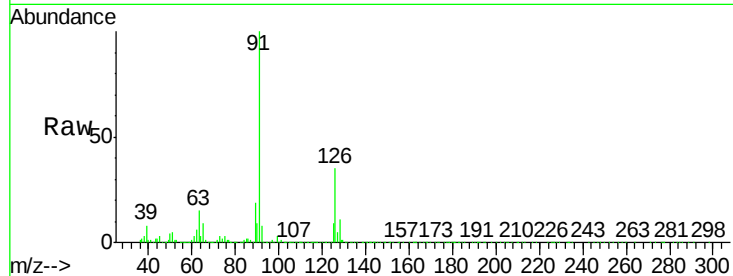
91 100

126 34.9 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX014446.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014446.D (-1722) (-)

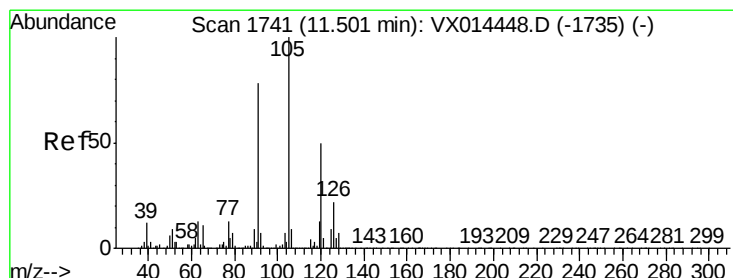
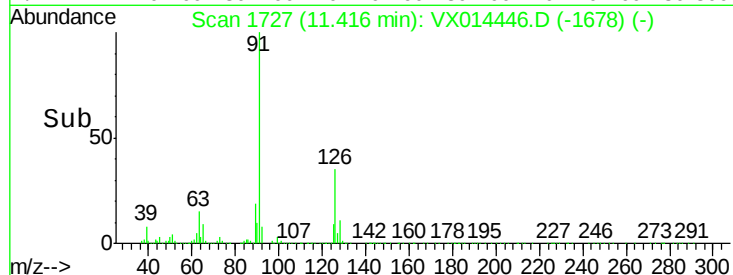
150000

100000

50000

0

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 4.937 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014446.D

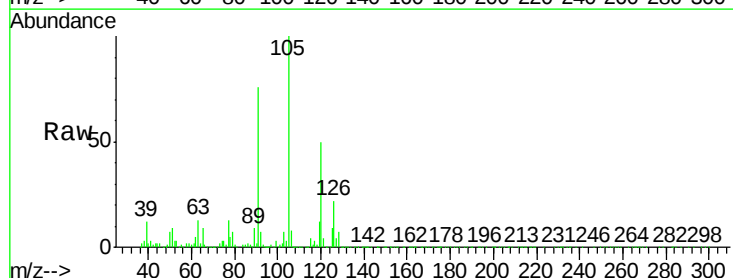
Acq: 07 Jan 2020 13:58

Tgt Ion: 105 Resp: 108318

Ion Ratio Lower Upper

105 100

120 50.1 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX014446.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX014446.D (-1692) (-)

100000

80000

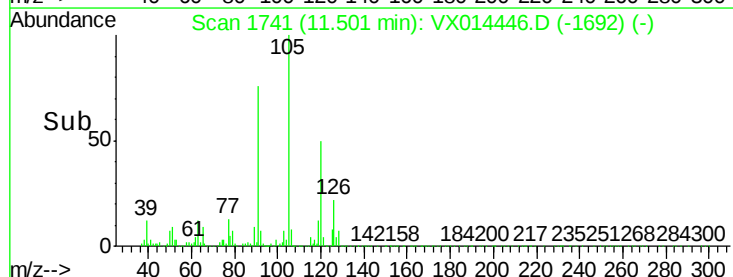
60000

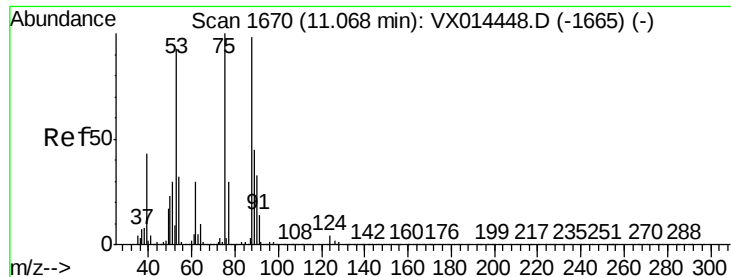
40000

20000

0

Time--> 11.45 11.50 11.55





#81

trans-1,4-Dichloro-2-butene

Concen: 4.263 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Instrument :

MSVOA_X

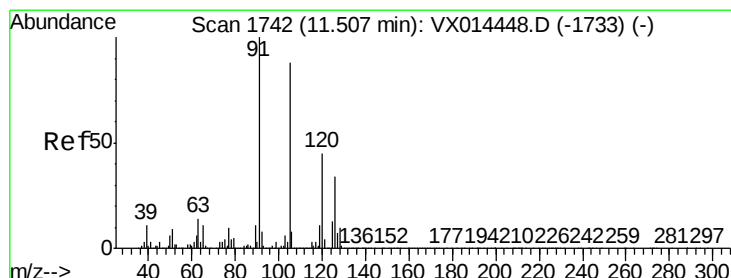
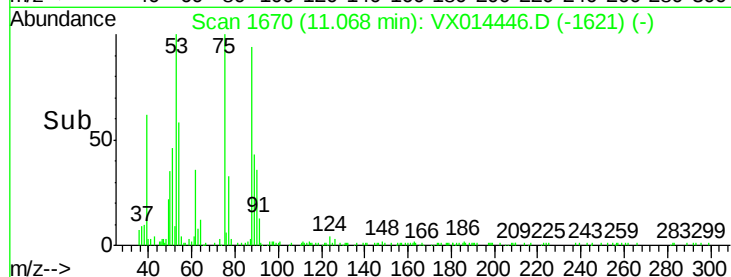
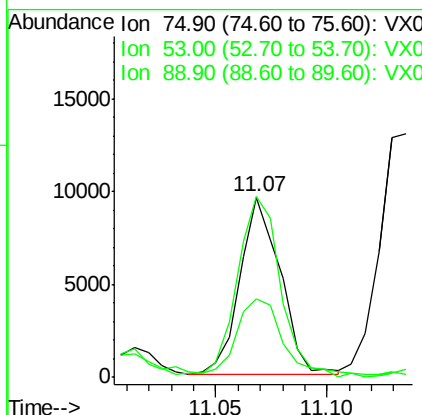
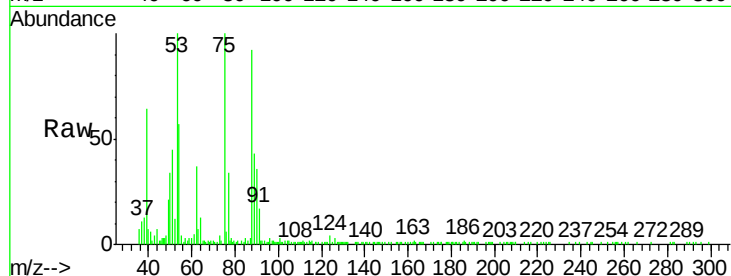
ClientSampleId :

VSTDIC005

Tgt Ion:	75	Resp:	12188
Ion Ratio	Lower	Upper	
75	100		
53	105.7	74.8	112.2
89	51.0	36.3	54.5

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#82

4-Chlorotoluene

Concen: 4.947 ug/l

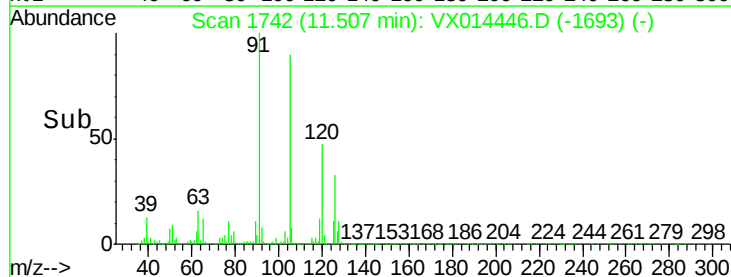
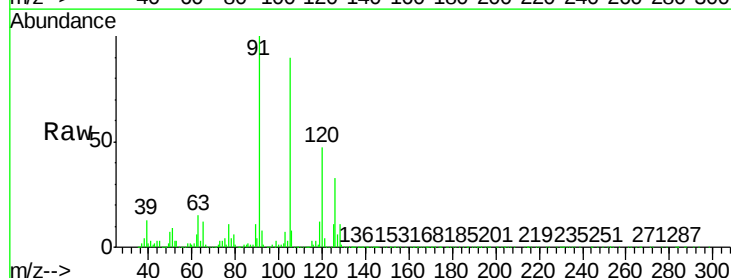
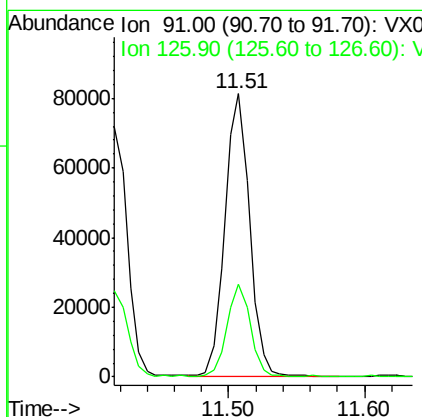
RT: 11.51 min Scan# 1742

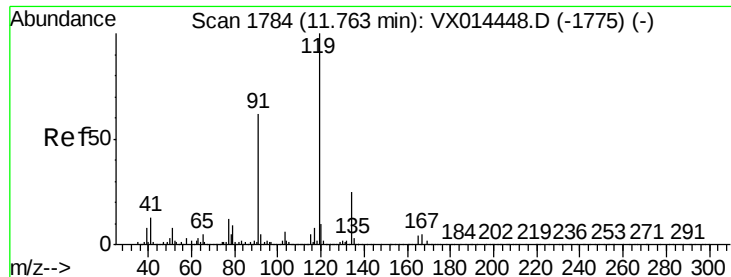
Delta R.T. 0.00 min

Lab File: VX014446.D

Acq: 07 Jan 2020 13:58

Tgt Ion:	91	Resp:	102064
Ion Ratio	Lower	Upper	
91	100		
126	31.3	15.9	47.7





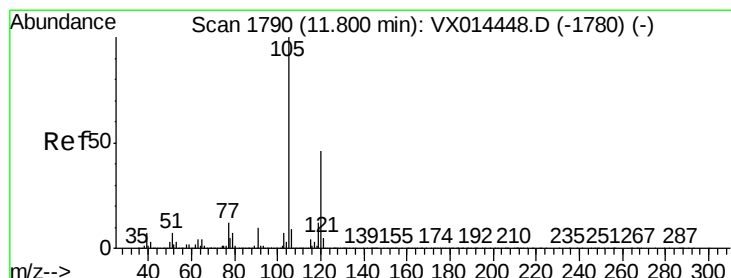
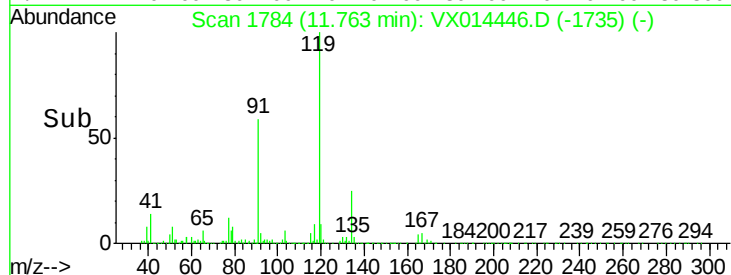
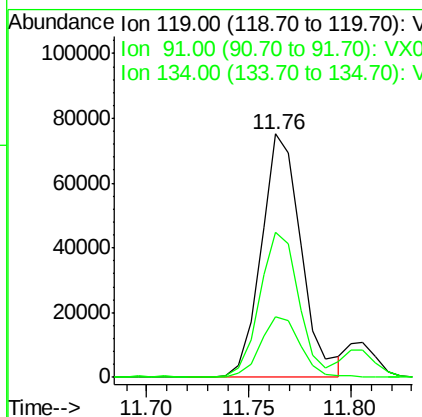
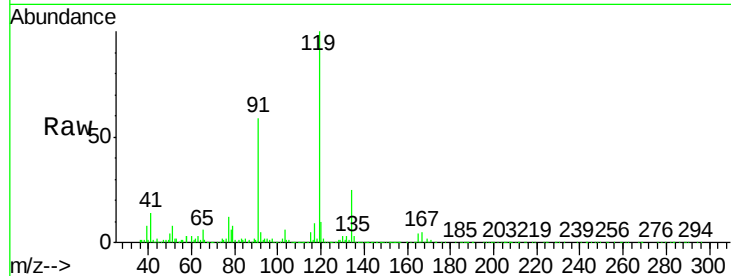
#83
tert-Butylbenzene
Concen: 4.808 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	101939		
91	58.2	29.3	88.0	
134	24.8	12.4	37.4	

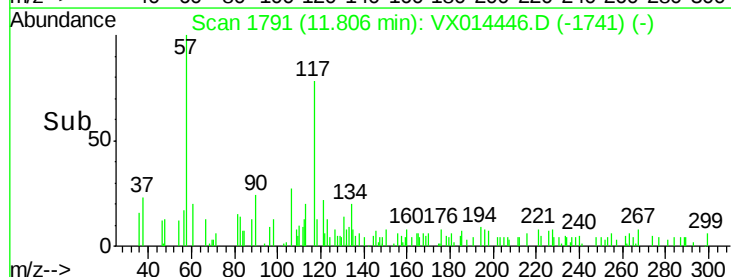
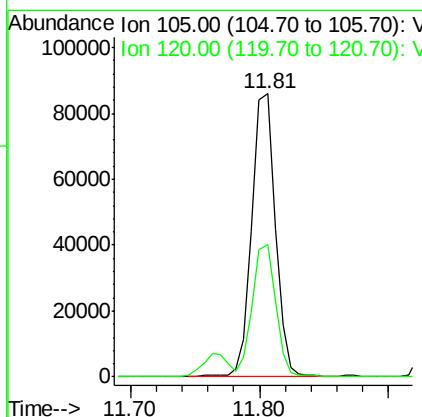
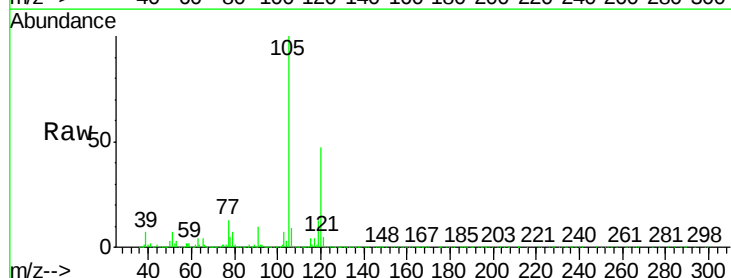
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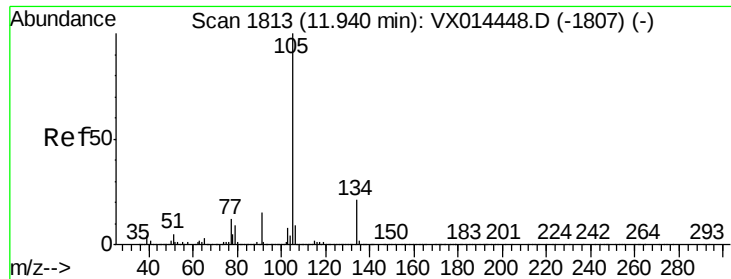
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#84
1,2,4-Trimethylbenzene
Concen: 4.902 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107577		
120	46.6	23.1	69.3	





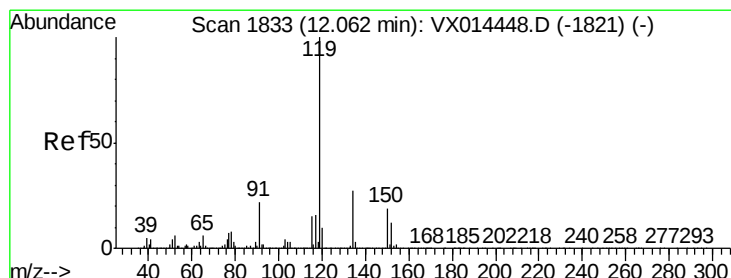
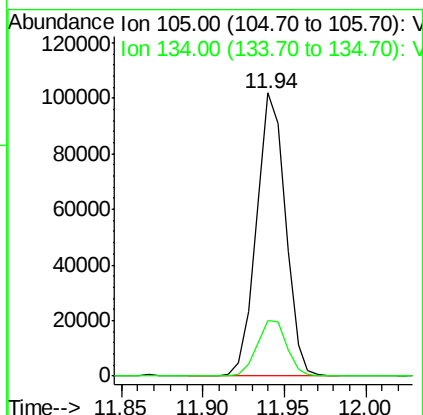
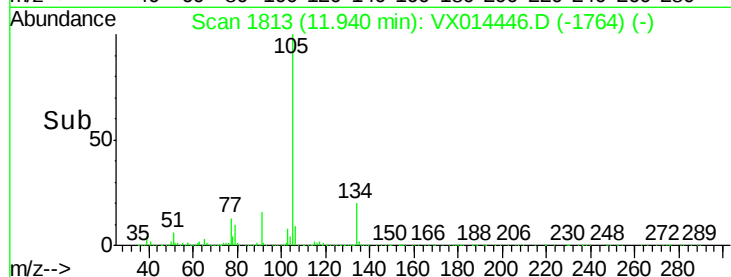
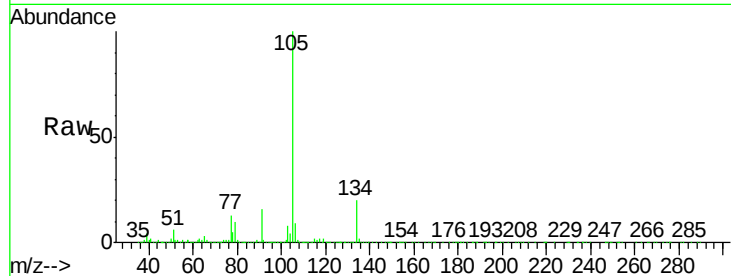
#85
 sec-Butylbenzene
 Concen: 4.987 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.5

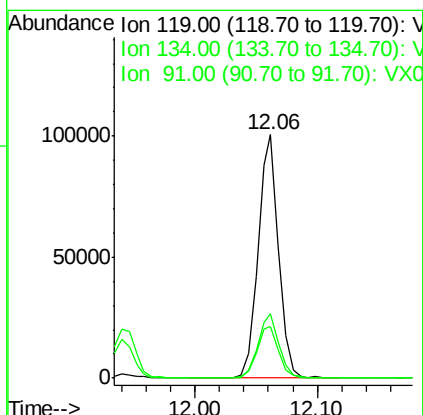
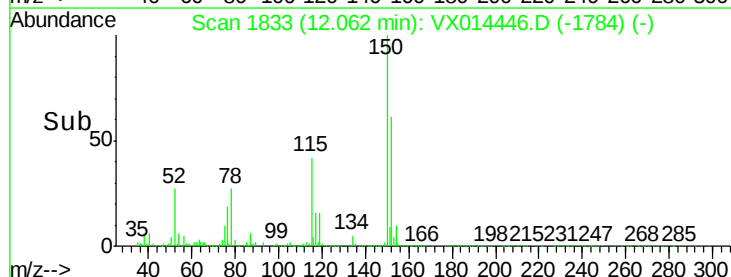
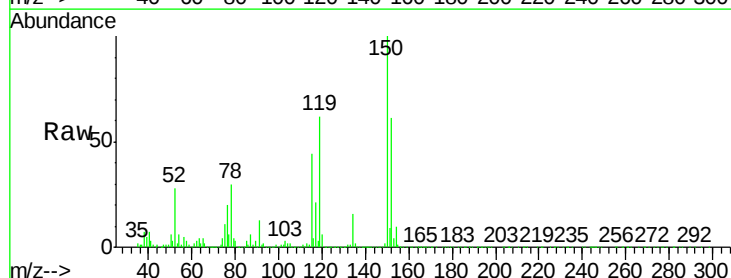
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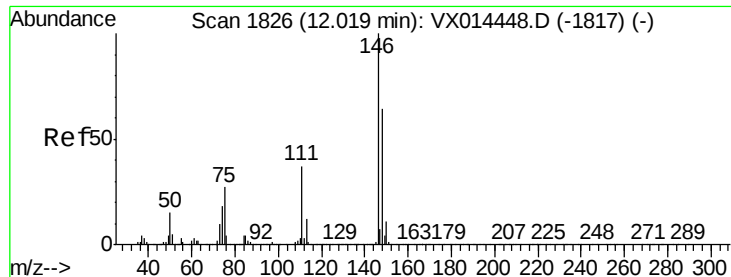
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#86
 p-Isopropyltoluene
 Concen: 5.055 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	22.5	11.1	33.3





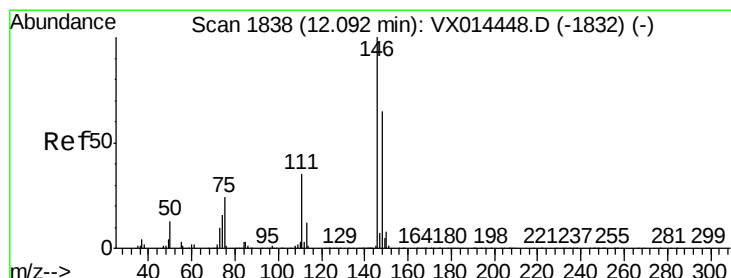
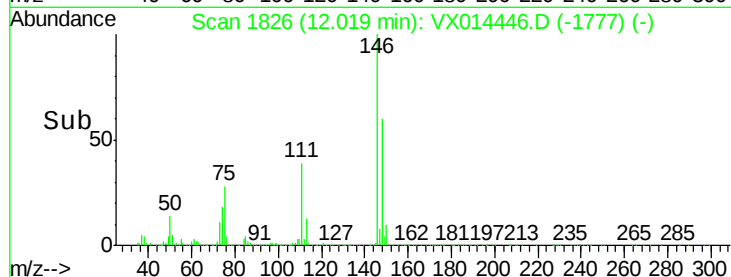
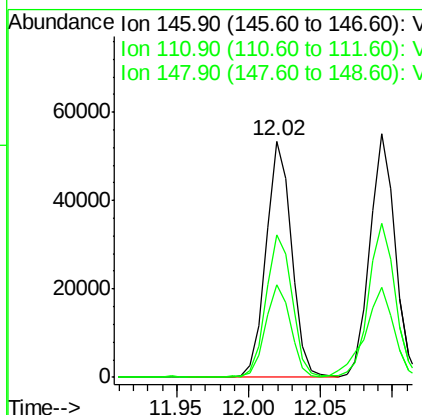
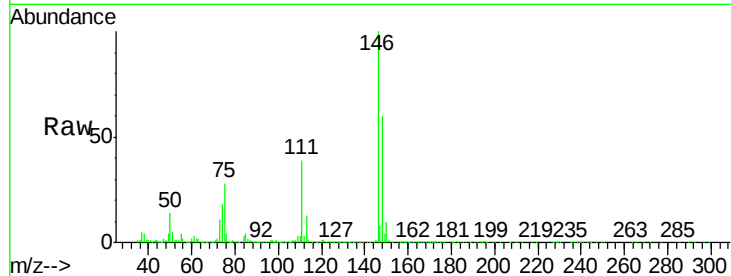
#87
 1,3-Dichlorobenzene
 Concen: 5.204 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	61.6	32.2	96.6

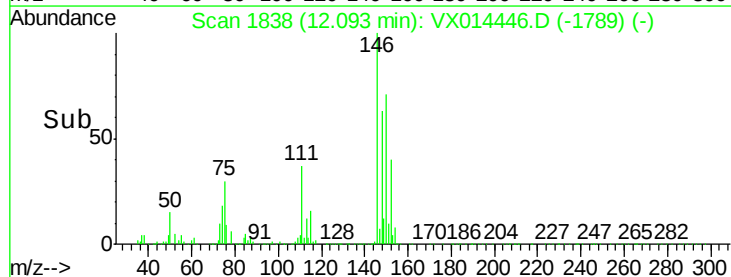
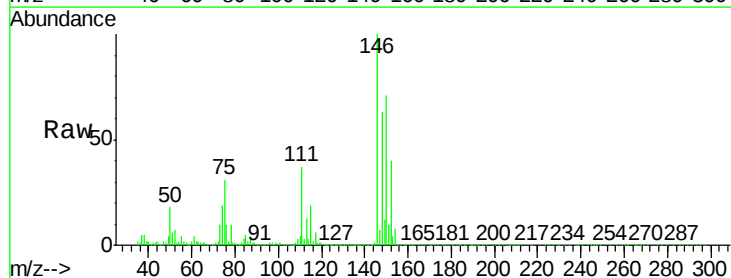
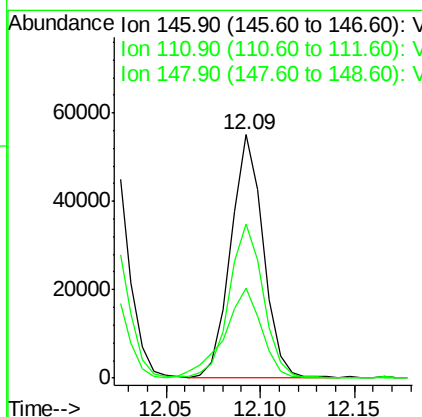
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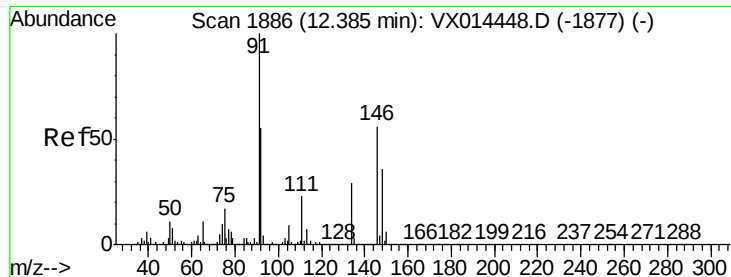
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#88
 1,4-Dichlorobenzene
 Concen: 5.095 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	18.1	54.1
148	66.3	32.1	96.3





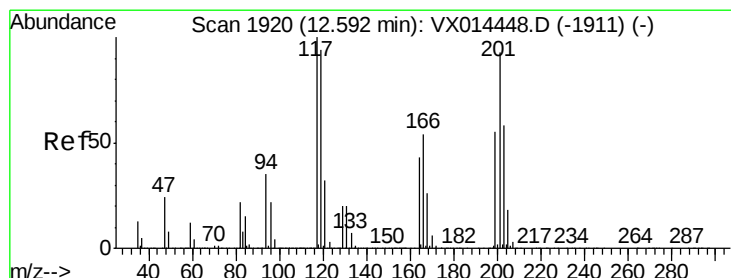
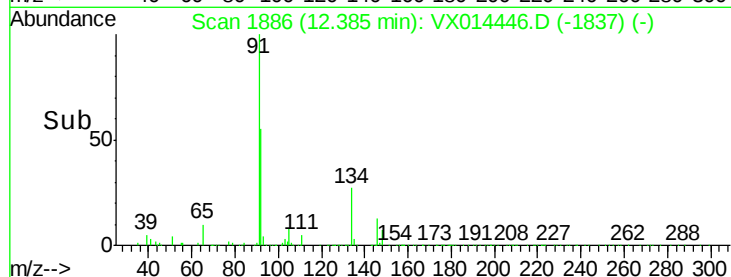
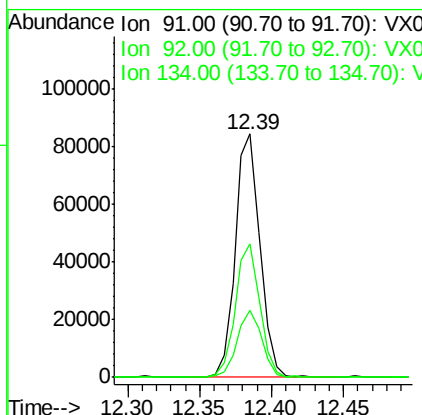
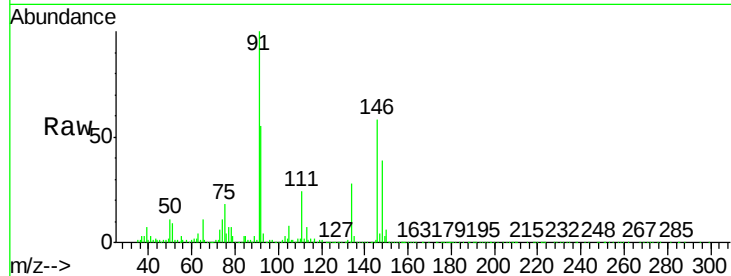
#89
n-Butylbenzene
Concen: 5.067 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	100526		
92	54.8		27.4	82.2
134	27.9		13.9	41.7

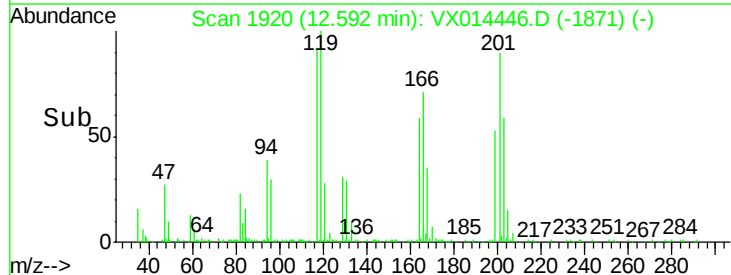
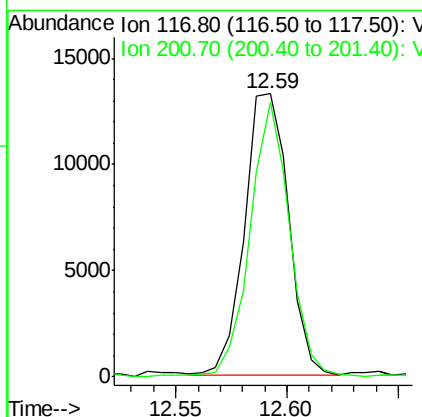
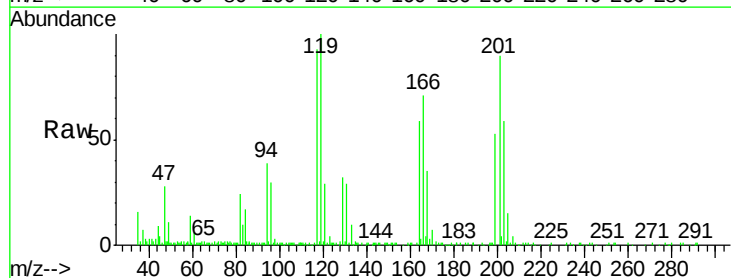
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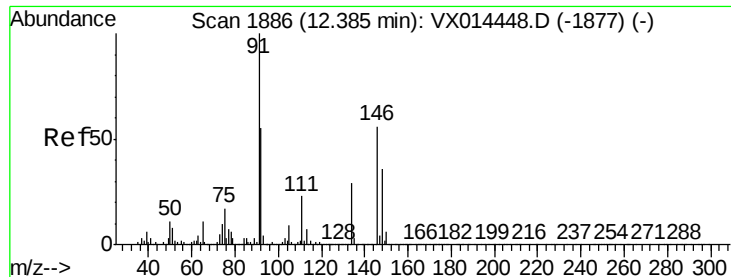
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#90
Hexachloroethane
Concen: 4.392 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18183		
201	88.2		44.8	134.3





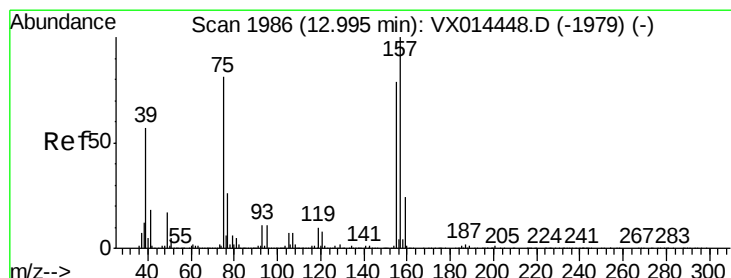
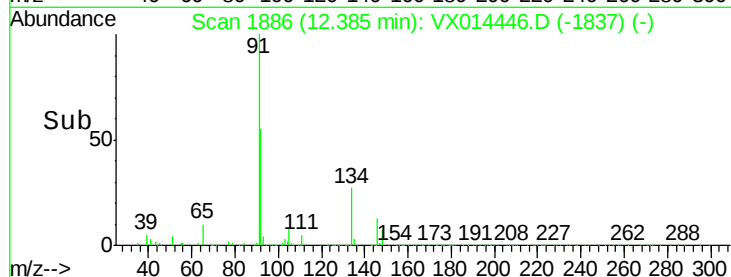
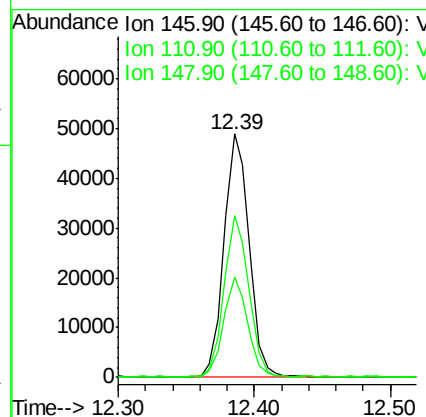
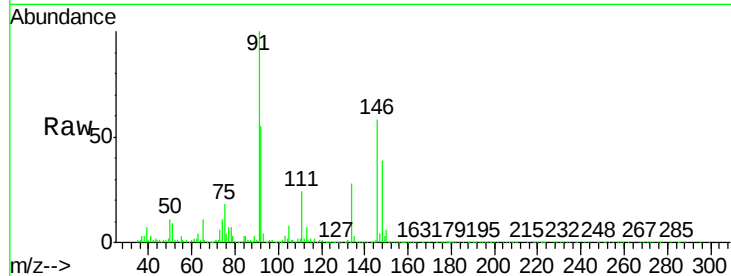
#91
 1,2-Dichlorobenzene
 Concen: 4.973 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.4
148	64.3	32.3	96.8

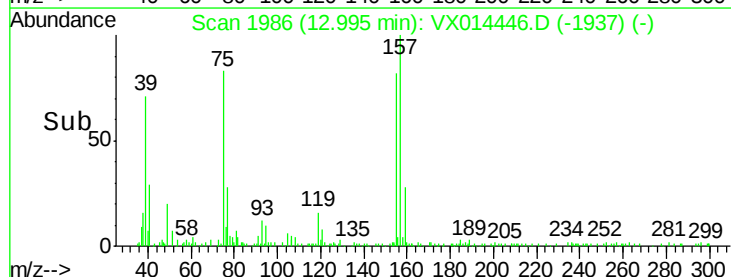
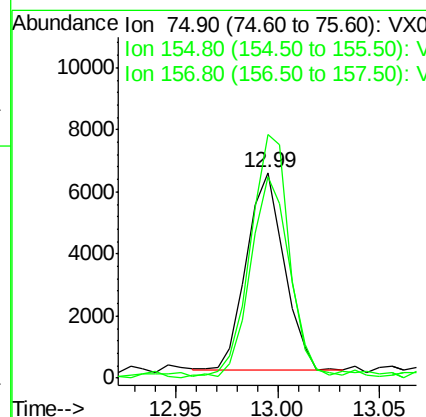
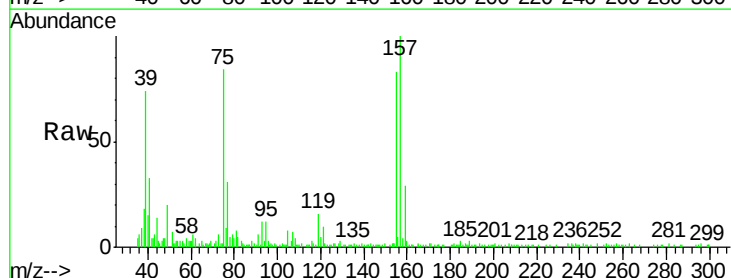
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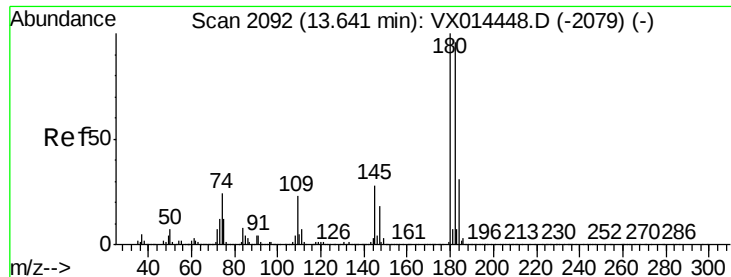
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.083 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014446.D
 Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	48.7	146.1
157	130.1	62.0	185.9





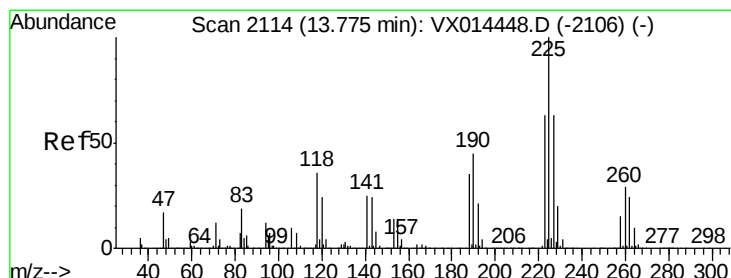
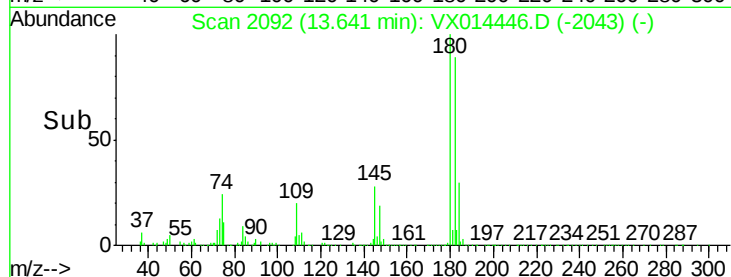
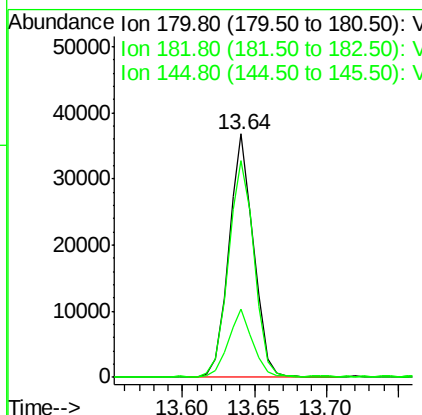
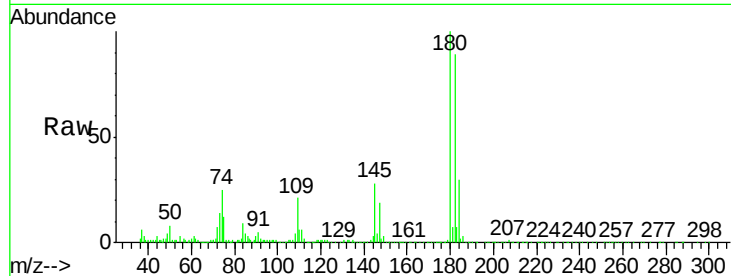
#93
1,2,4-Trichlorobenzene
Concen: 5.242 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	43939		
182	94.2	47.5	142.5	
145	28.6	13.9	41.6	

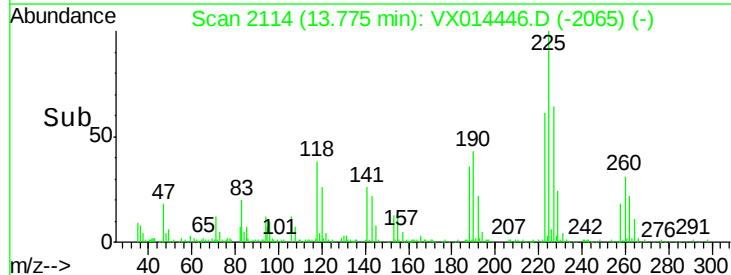
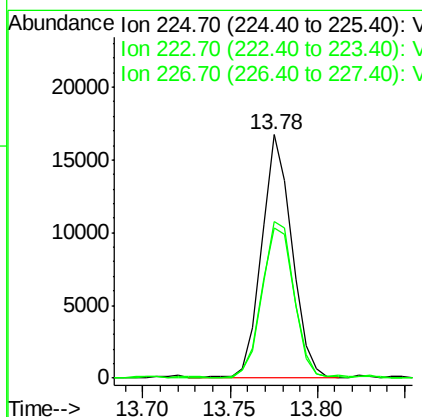
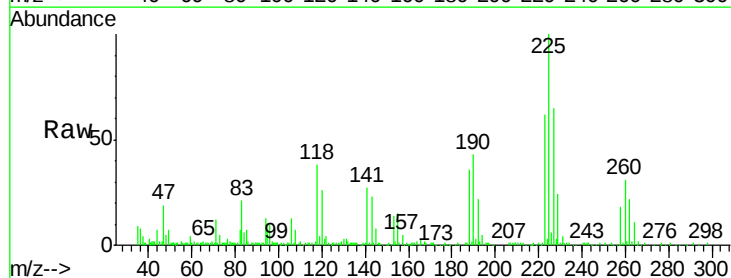
Manual Integrations
APPROVED

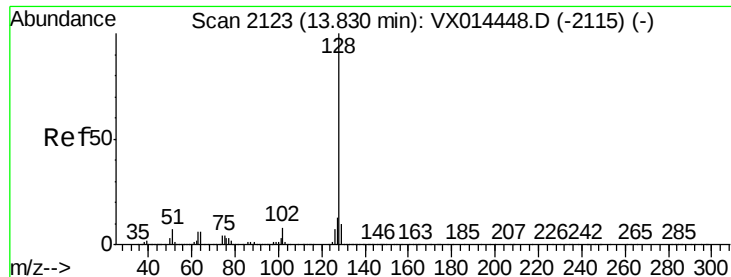
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#94
Hexachlorobutadiene
Concen: 5.025 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20222		
223	66.6	31.1	93.2	
227	68.4	31.4	94.2	





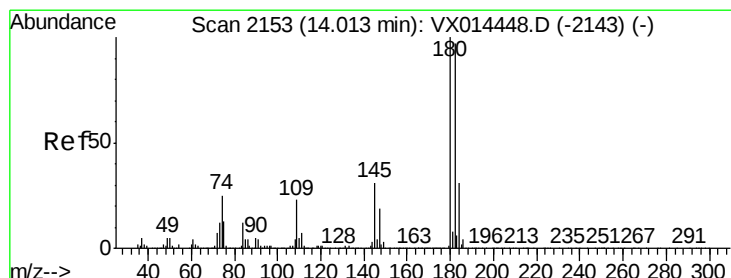
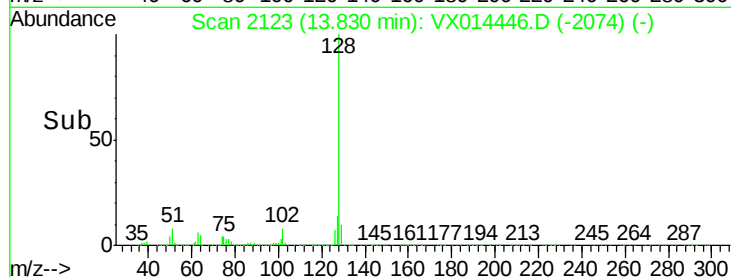
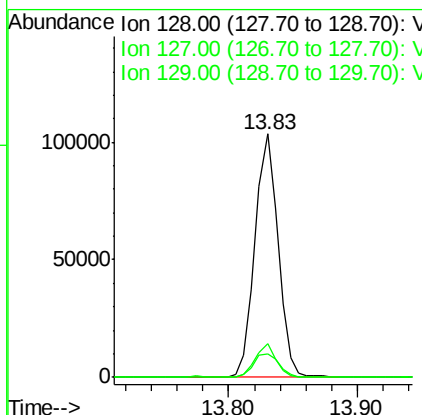
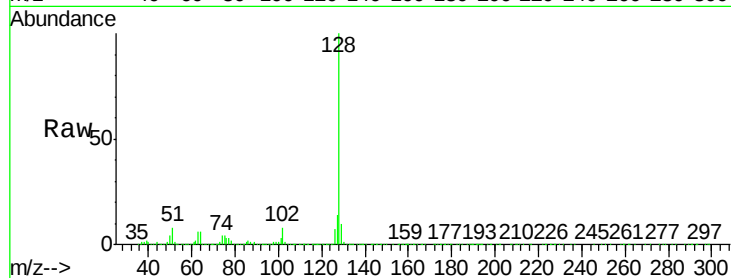
#95
Naphthalene
Concen: 5.202 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.4	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.488 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014446.D
Acq: 07 Jan 2020 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	47.9	143.6
145	28.3	14.8	44.3

