

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013784.D
 Acq On : 05 Dec 2019 18:47
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

apatel
 12/6/2019 11:37:37 AM

Quant Time: Dec 06 03:36:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	112459	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	625165	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	560898	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	238061	28.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.57%
60) 4-Bromofluorobenzene	11.14	95	269310	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	8.71	98	750232	29.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	144823	17.188	ug/l 98
3) Chloromethane	1.32	50	155245	16.905	ug/l 100
4) Vinyl Chloride	1.40	62	180302	17.279	ug/l 96
5) Bromomethane	1.63	94	92247	14.705	ug/l 98
6) Chloroethane	1.72	64	135856	23.685	ug/l 94
7) Trichlorofluoromethane	1.92	101	198218	17.645	ug/l 97
8) Diethyl Ether	2.18	74	93867	18.300	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117609	17.401	ug/l 98
10) 1,1-Dichloroethene	2.36	96	118727	17.094	ug/l 98
11) Methyl Iodide	2.50	142	144708	16.874	ug/l 98
12) Methyl Acetate	2.77	43	212529	17.463	ug/l 99
13) Acrolein	2.29	56	31871	24.653	ug/l 100
14) Acrylonitrile	3.13	53	364337	81.409	ug/l 98
15) Acetone	2.43	58	124766	92.048	ug/l 93
16) Carbon Disulfide	2.56	76	330721	17.072	ug/l 99
17) Allyl chloride	2.72	41	214027	16.733	ug/l 99
18) Methylene Chloride	2.85	84	141420	17.946	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	129351	17.426	ug/l 97
20) Diisopropyl ether	3.84	45	434193	17.645	ug/l 91
21) 1,1-Dichloroethane	3.69	63	236788	17.667	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	149295	17.641	ug/l 99
23) tert-Butyl Alcohol	3.03	59	156664	72.740	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	414948	18.051	ug/l 99
25) Chloroform	5.20	83	231298	17.631	ug/l 98
26) Cyclohexane	5.58	56	206418	16.959	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	173759	18.197	ug/l 98
30) 2-Butanone	4.65	43	555761	88.179	ug/l 99
31) 2,2-Dichloropropane	4.57	77	185794	17.966	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	195999	18.467	ug/l 99
33) Carbon Tetrachloride	5.78	117	169537	18.391	ug/l 99
34) Benzene	6.14	78	541036	18.680	ug/l 98
35) Methacrylonitrile	5.03	41	114042	18.119	ug/l 98
36) 1,2-Dichloroethane	6.19	62	189621	18.704	ug/l 100
37) Trichloroethene	7.21	130	143594	18.506	ug/l 97
38) Methylcyclohexane	7.46	83	208100	17.774	ug/l 98
39) 1,2-Dichloropropane	7.51	63	137922	18.417	ug/l 99
40) Dibromomethane	7.65	93	90469	18.152	ug/l 94

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	181211	18.626	ug/l	97
42) Vinyl Acetate	3.80	43	1786340	90.023	ug/l	100
43) Ethyl Acetate	4.82	43	201493	17.528	ug/l	99
44) Isopropyl Acetate	6.43	43	326194	17.653	ug/l	98
45) 1,4-Dioxane	7.73	88	65886	322.962	ug/l	97
46) Methyl methacrylate	7.76	41	163360	17.773	ug/l	98
47) n-amyl Acetate	10.89	43	280818	17.326	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	192424	17.638	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	220002	18.404	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	140533	19.055	ug/l	98
51) Ethyl methacrylate	9.17	69	217025	17.873	ug/l	98
52) 1,3-Dichloropropane	9.37	76	236505	18.759	ug/l	99
53) Dibromochloromethane	9.58	129	143344	18.339	ug/l	100
54) 1,2-Dibromoethane	9.67	107	144975	18.384	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	431460	83.159	ug/l	99
56) Bromoform	10.86	173	110296	17.731	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1029539	87.865	ug/l	99
59) 2-Hexanone	9.48	43	803110	86.625	ug/l	98
61) Tetrachloroethene	9.33	164	131218	18.972	ug/l	92
62) Toluene	8.78	91	577357	18.479	ug/l	99
64) Chlorobenzene	10.14	112	362866	18.575	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	136391	18.652	ug/l	99
66) Ethyl Benzene	10.25	91	630998	18.384	ug/l	98
67) m/p-Xylenes	10.36	106	485469	36.667	ug/l	99
68) o-Xylene	10.70	106	238074	18.632	ug/l	97
69) Styrene	10.71	104	402882	18.465	ug/l	100
70) Isopropylbenzene	11.01	105	626428	18.605	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	218246	18.103	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	173966m	17.090	ug/l	
73) Bromobenzene	11.25	156	164336	18.508	ug/l	98
74) n-propylbenzene	11.35	91	710082	18.558	ug/l	100
75) 2-Chlorotoluene	11.42	91	419003	18.415	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	520680	18.398	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	67628	16.431	ug/l	97
78) 4-Chlorotoluene	11.51	91	478057	18.338	ug/l	99
79) tert-butylbenzene	11.76	119	524692	18.375	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	522556	18.529	ug/l	99
81) sec-Butylbenzene	11.94	105	600570	18.434	ug/l	99
82) p-Isopropyltoluene	12.06	119	554541	18.474	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	288765	18.498	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	286190	18.469	ug/l	99
85) n-Butylbenzene	12.39	91	462362	17.848	ug/l	99
86) Hexachloroethane	12.59	117	97011	17.612	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	286009	18.322	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	47125	17.479	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	197614	18.360	ug/l	98
90) Hexachlorobutadiene	13.78	225	91788	17.797	ug/l	98
91) Naphthalene	13.83	128	631151	18.521	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	204658	18.816	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDCCC020EC

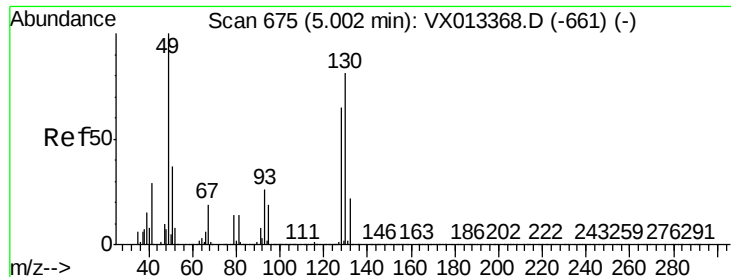
Manual Integrations
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12/6/2019 11:37:37 AM

Quant Time: Dec 06 03:36:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
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QLast Update : Tue Nov 12 01:16:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

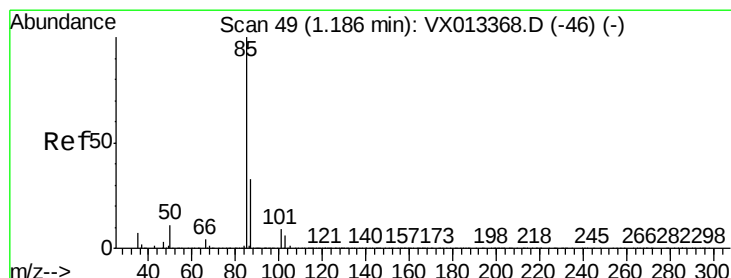
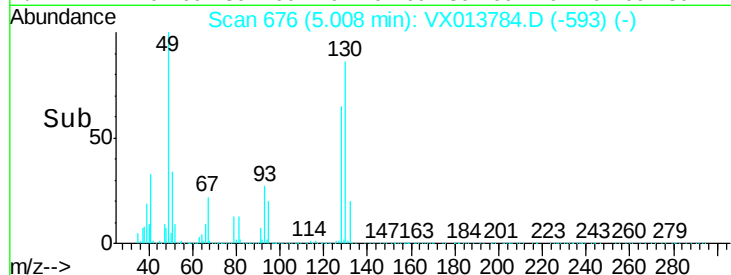
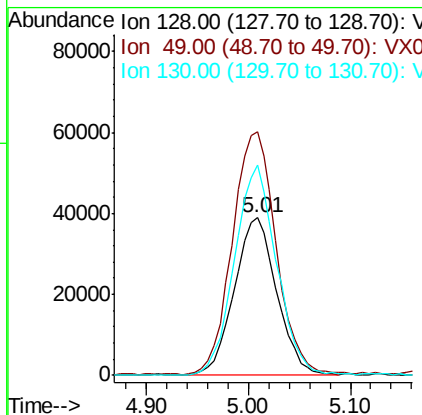
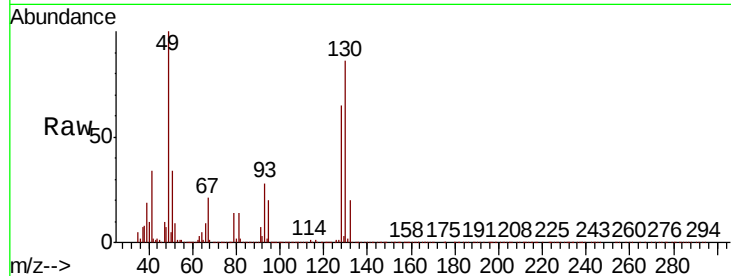
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.6	0.0	388.3
130	131.8	0.0	318.5

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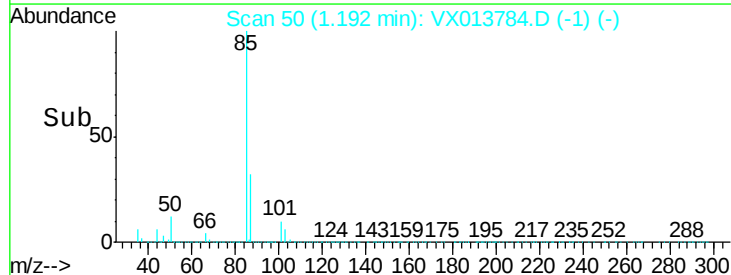
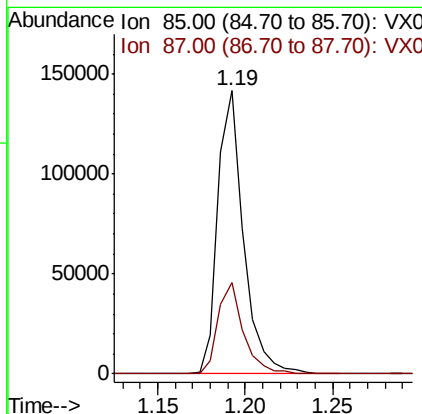
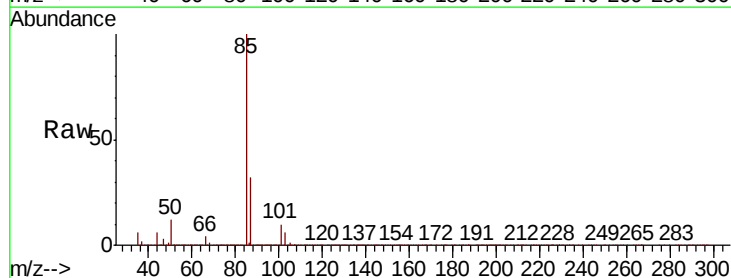
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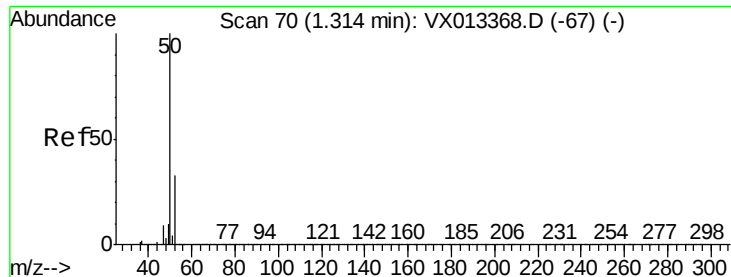


#2

Dichlorodifluoromethane
Concen: 17.188 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.6	49.7





#3

Chloromethane

Concen: 16.905 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 155245

Ion Ratio Lower Upper

50 100

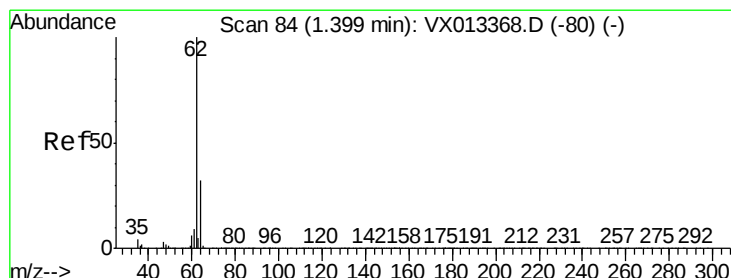
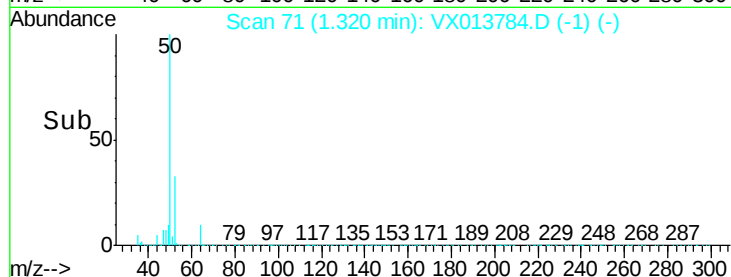
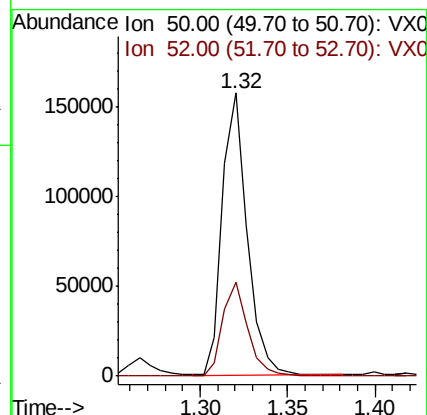
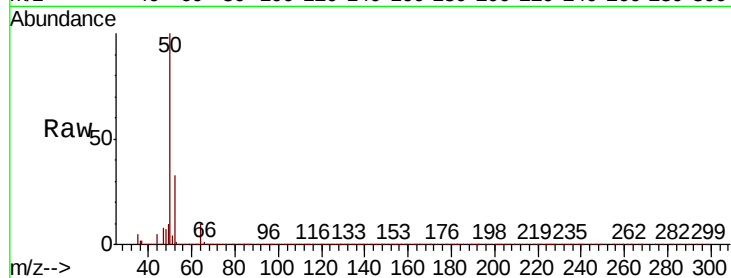
52 33.3 26.6 40.0

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#4

Vinyl Chloride

Concen: 17.279 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013784.D

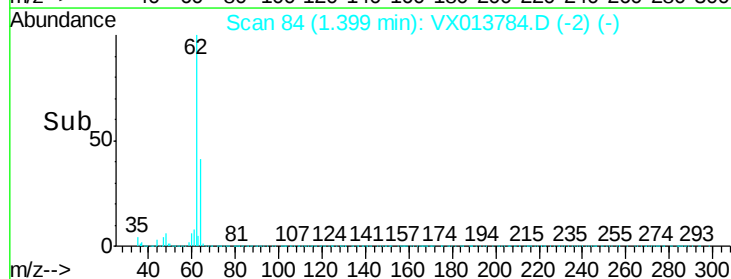
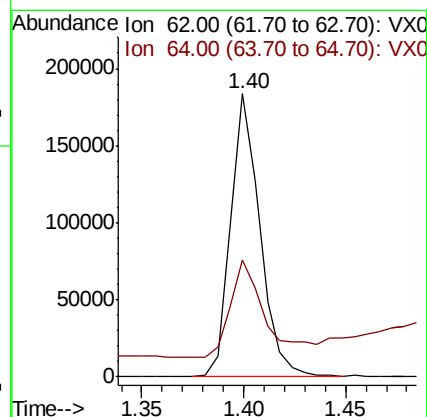
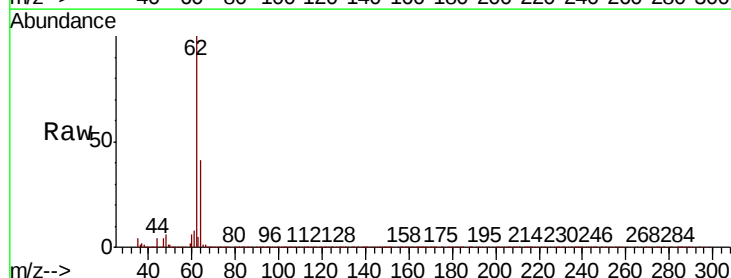
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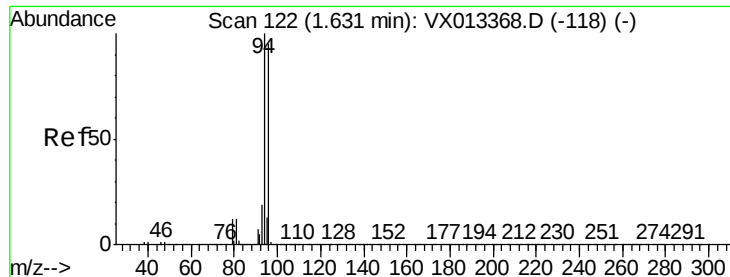
Tgt Ion: 62 Resp: 180302

Ion Ratio Lower Upper

62 100

64 34.3 25.4 38.2





#5

Bromomethane

Concen: 14.705 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 92247

Ion Ratio Lower Upper

94 100

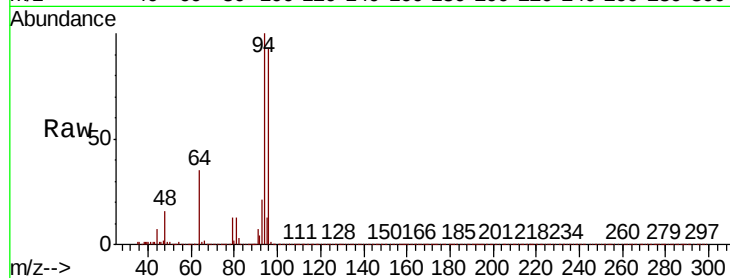
96 93.0 75.7 113.5

Manual Integrations

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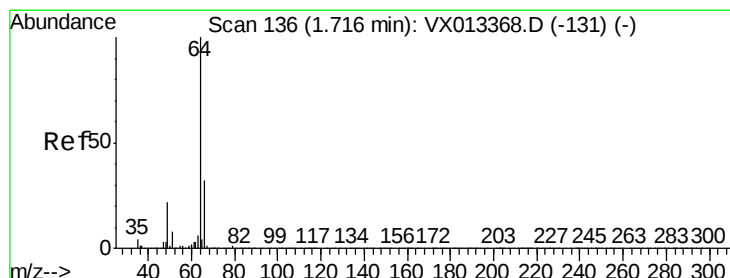
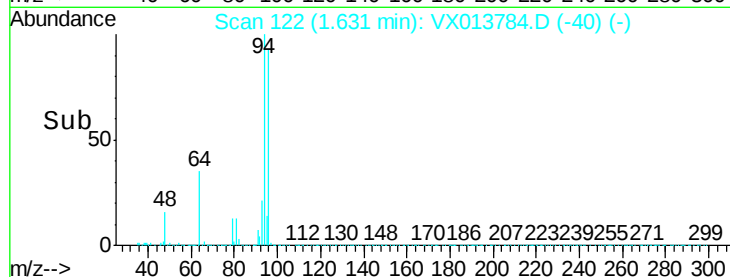
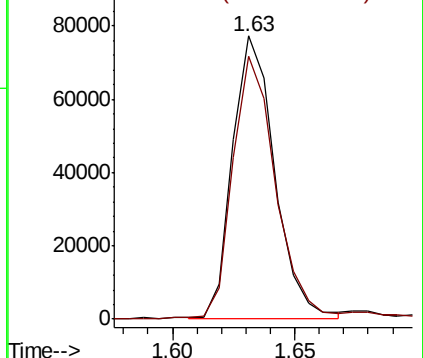
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 23.685 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013784.D

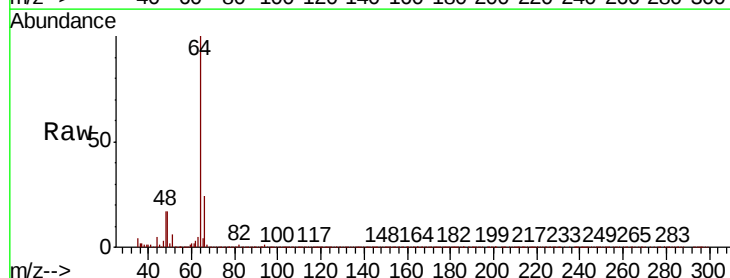
Acq: 05 Dec 2019 18:47

Tgt Ion: 64 Resp: 135856

Ion Ratio Lower Upper

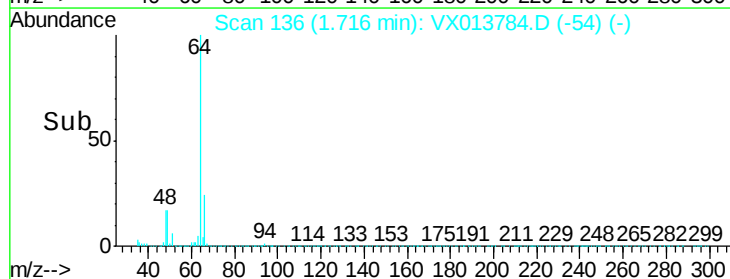
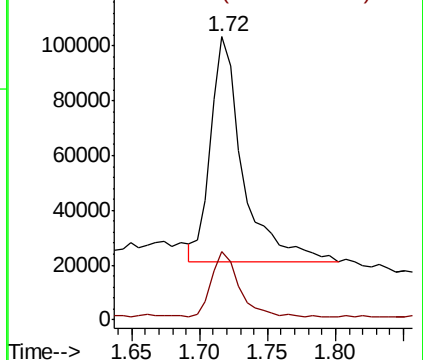
64 100

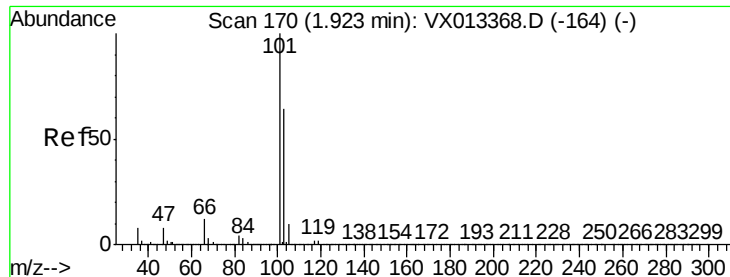
66 28.8 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

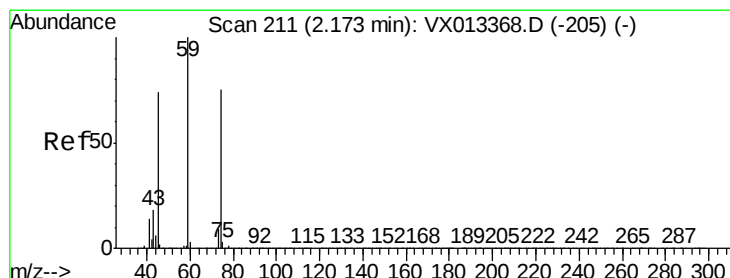
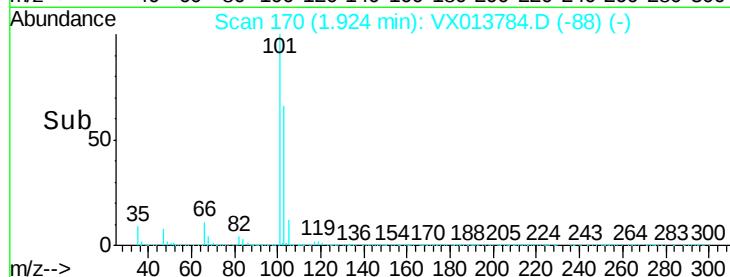
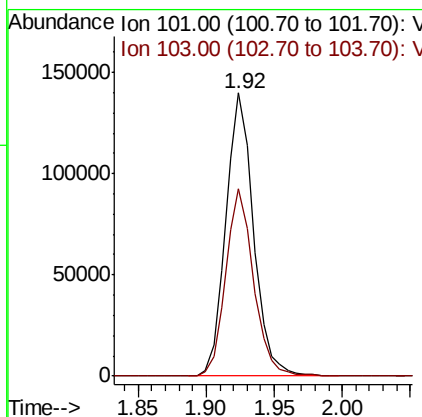
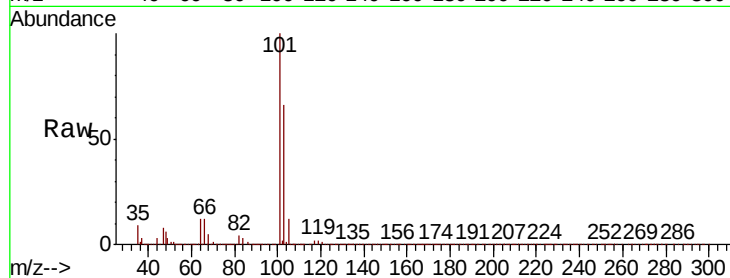
Trichlorofluoromethane
Concen: 17.645 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	198218		
103	66.0	51.2	76.8	

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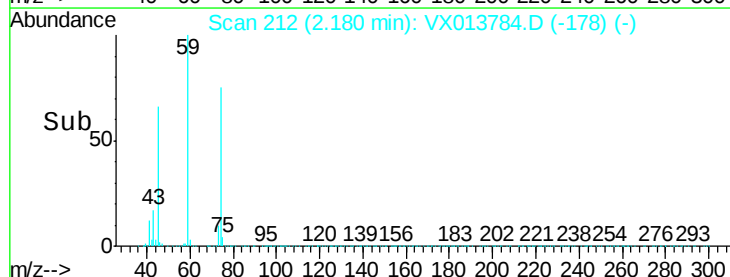
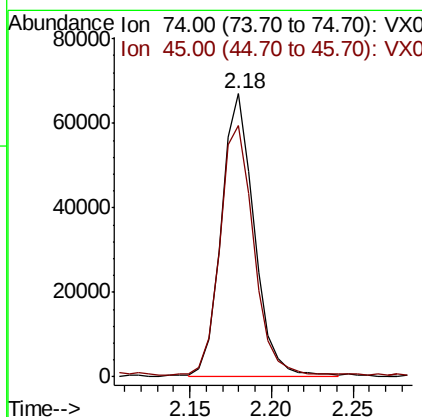
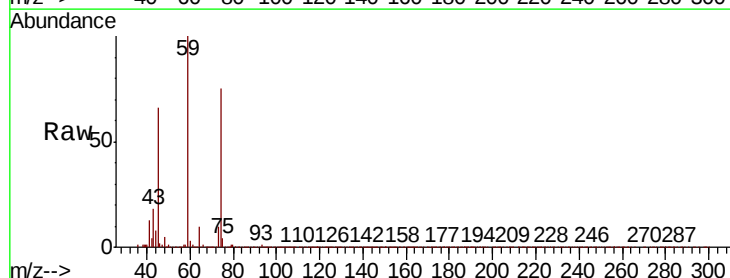
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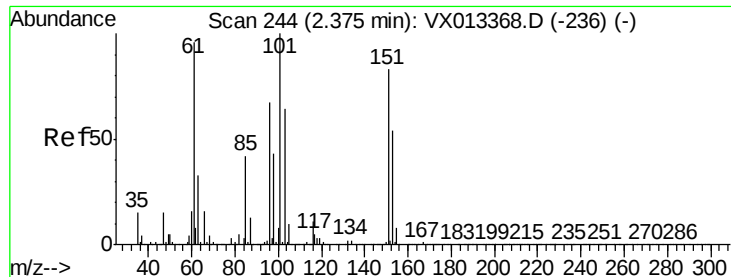


#8

Diethyl Ether
Concen: 18.300 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	93867		
45	90.6	19.5	175.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.401 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

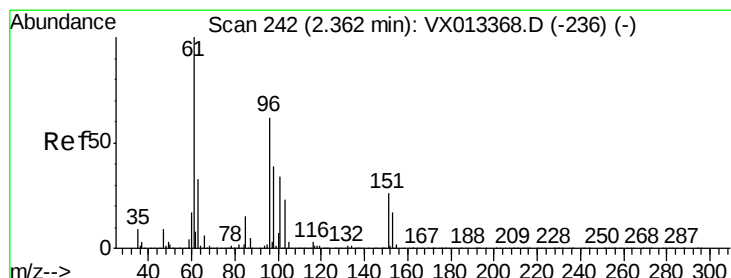
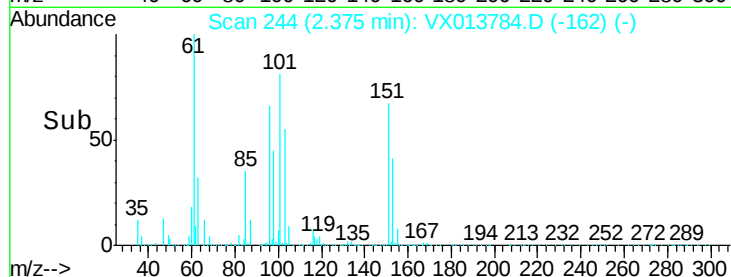
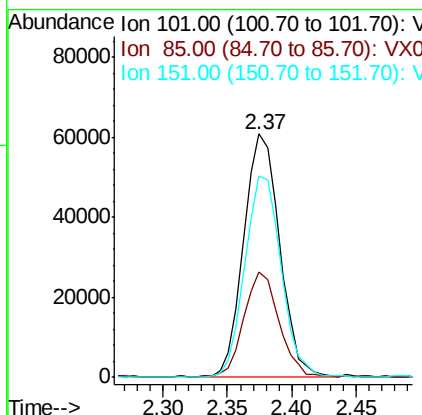
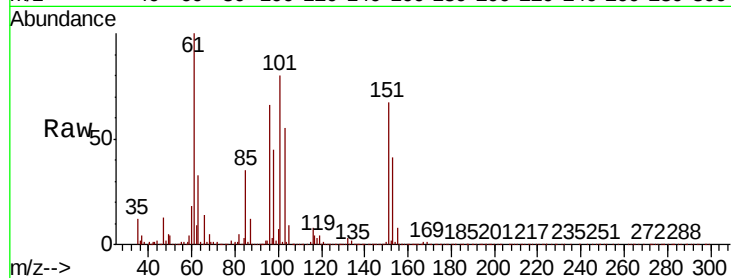
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	117609
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	83.2
151	83.8	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.094 ug/l

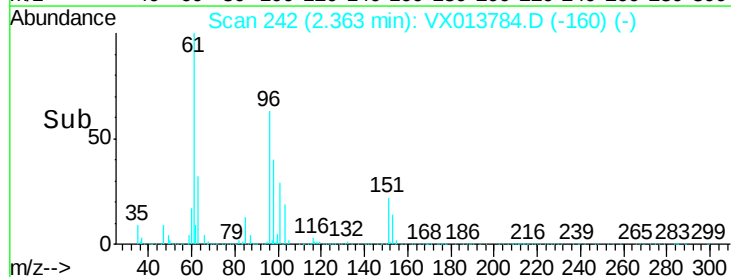
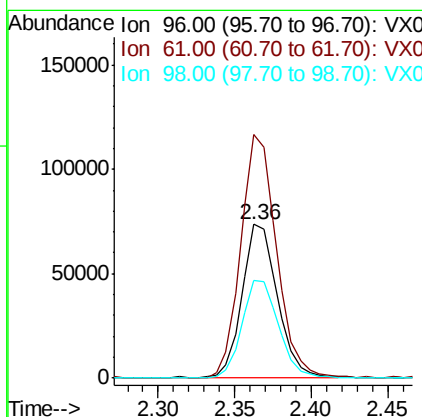
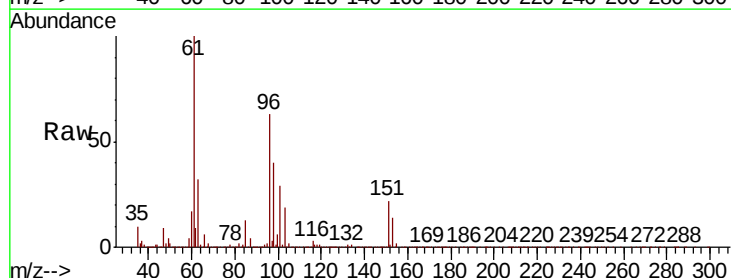
RT: 2.36 min Scan# 242

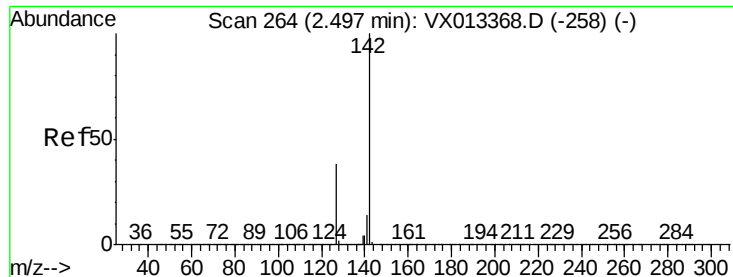
Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	96	Resp:	118727
Ion Ratio	Lower	Upper	
96	100		
61	158.4	128.9	193.3
98	63.0	49.7	74.5





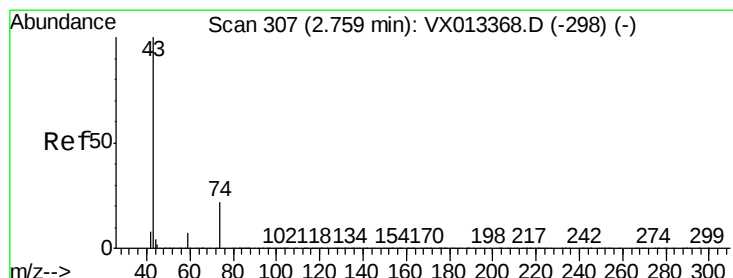
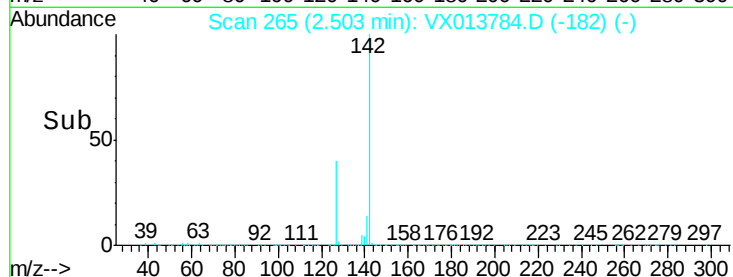
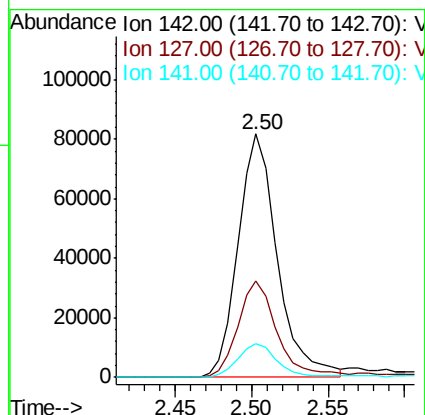
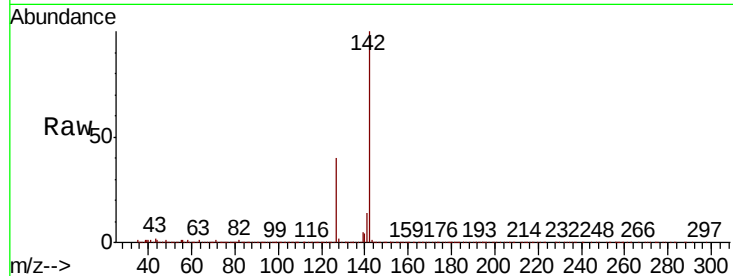
#11
Methyl Iodide
Concen: 16.874 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.5	19.1	57.5
141	13.5	7.0	21.0

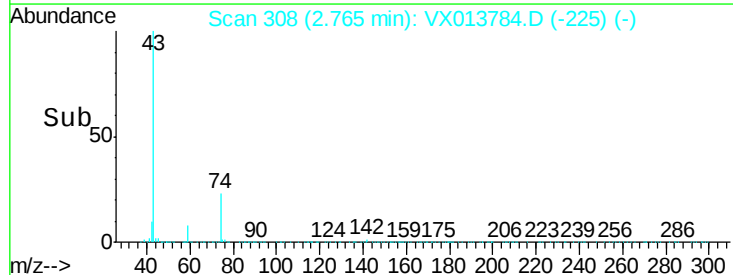
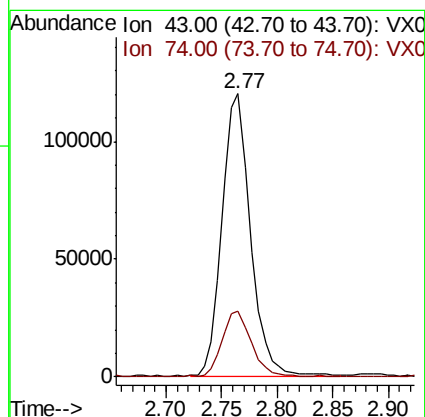
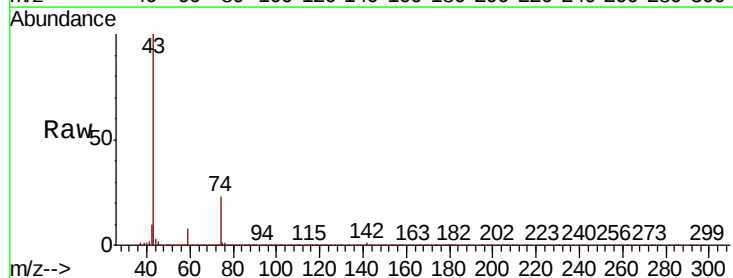
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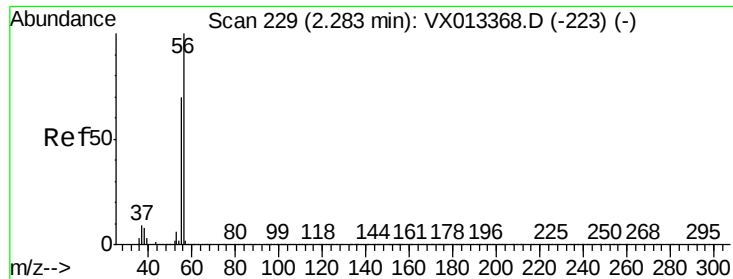
apatel
12/6/2019 11:37:37 AM



#12
Methyl Acetate
Concen: 17.463 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





#13

Acrolein

Concen: 24.653 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 31871

Ion Ratio Lower Upper

56 100

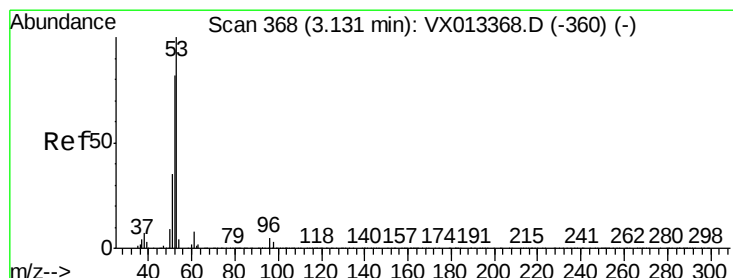
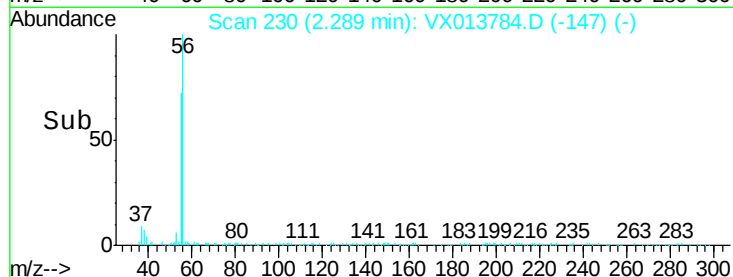
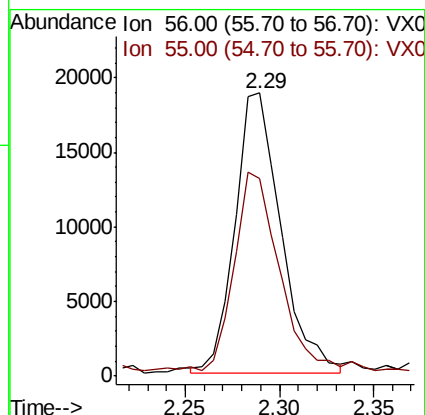
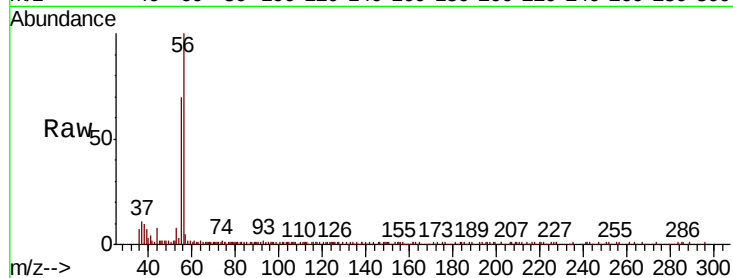
55 69.6 55.8 83.8

Manual Integrations

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#14

Acrylonitrile

Concen: 81.409 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

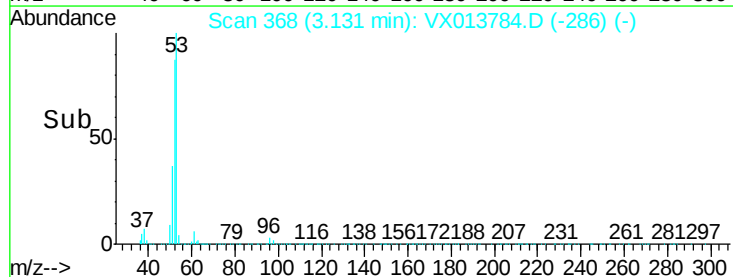
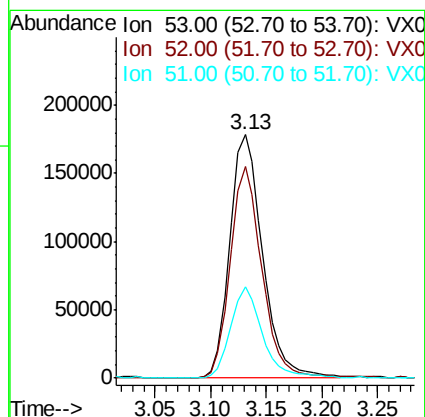
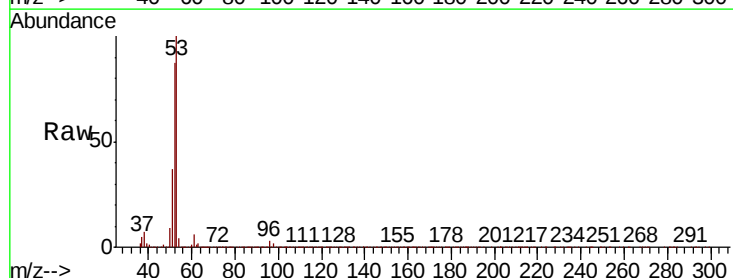
Tgt Ion: 53 Resp: 364337

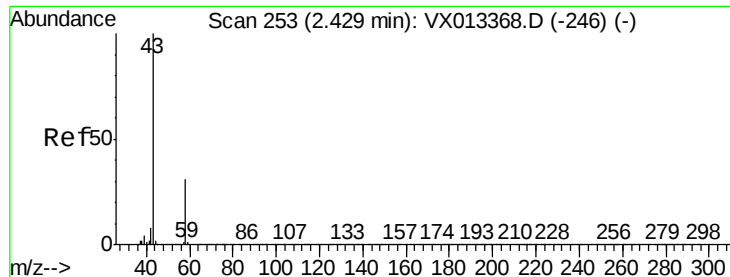
Ion Ratio Lower Upper

53 100

52 83.7 41.0 123.0

51 36.3 17.3 51.9





#15

Acetone

Concen: 92.048 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 124766

Ion Ratio Lower Upper

58 100

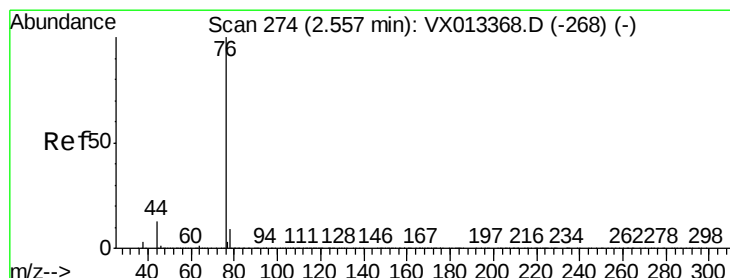
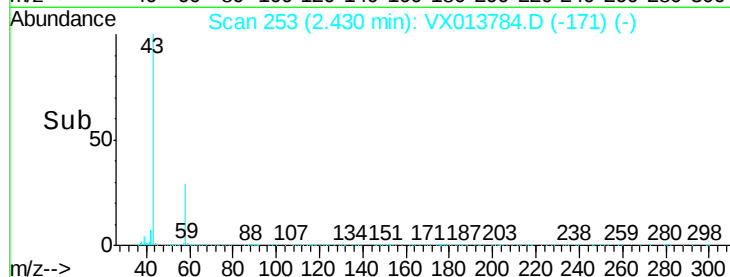
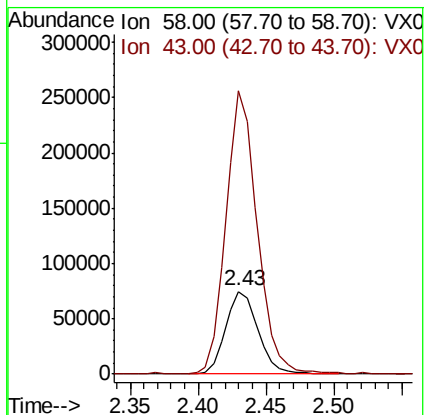
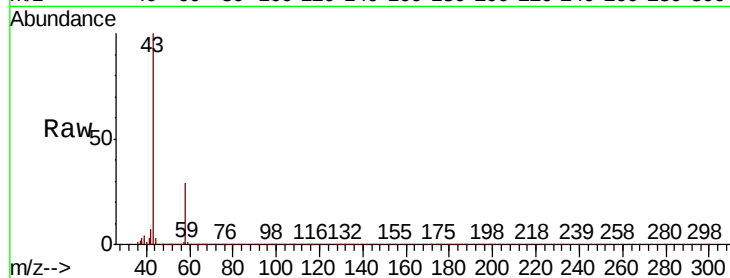
43 341.9 261.4 392.2

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#16

Carbon Disulfide

Concen: 17.072 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013784.D

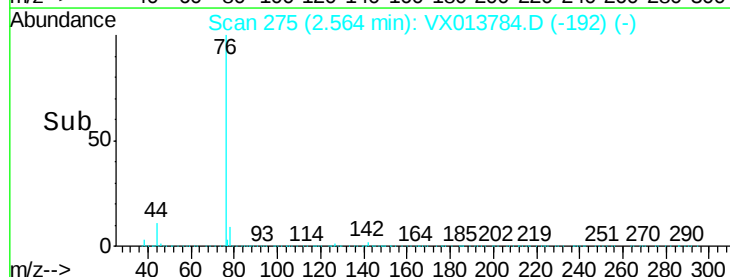
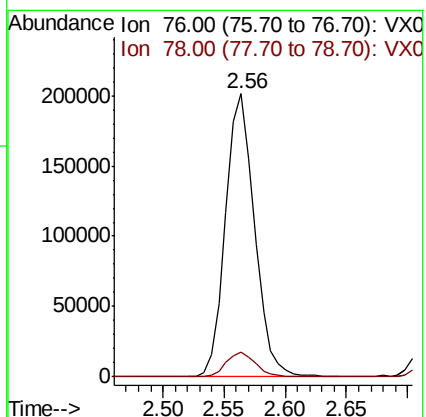
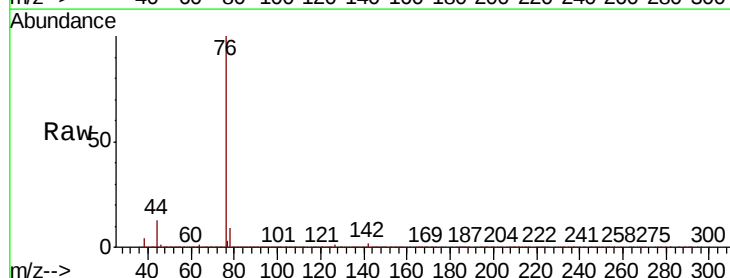
Acq: 05 Dec 2019 18:47

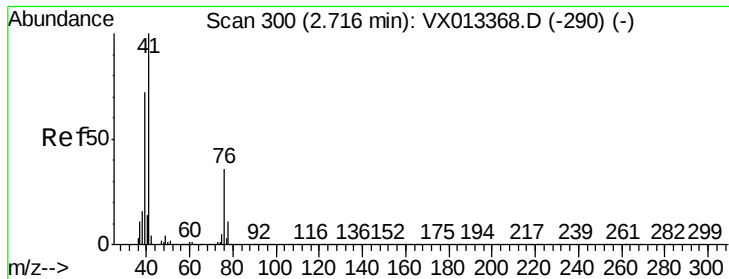
Tgt Ion: 76 Resp: 330721

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





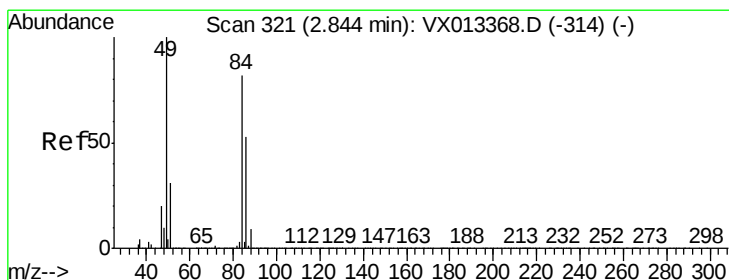
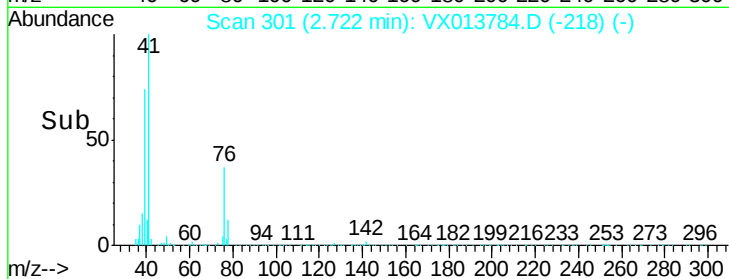
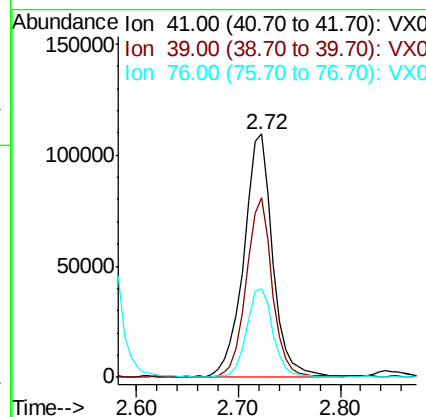
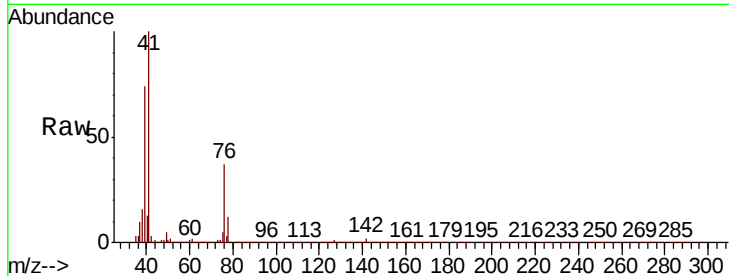
#17
Allvl chloride
Concen: 16.733 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.5	36.1	108.3
76	36.4	18.1	54.4

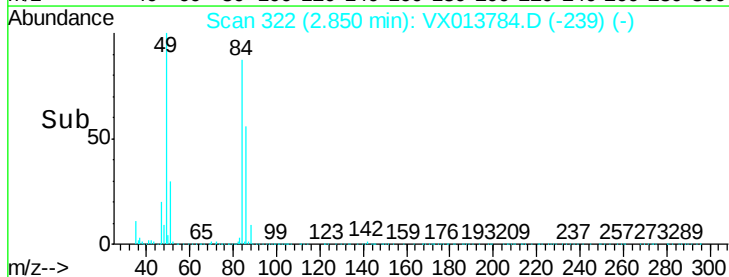
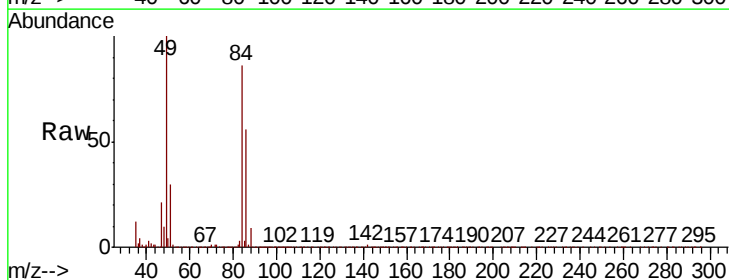
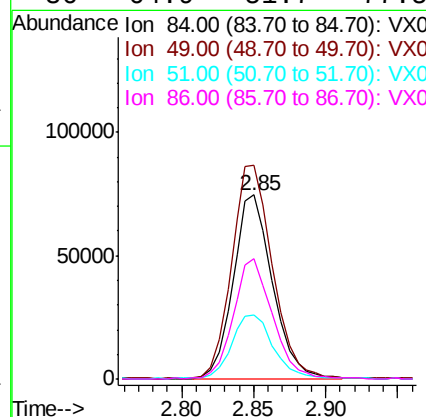
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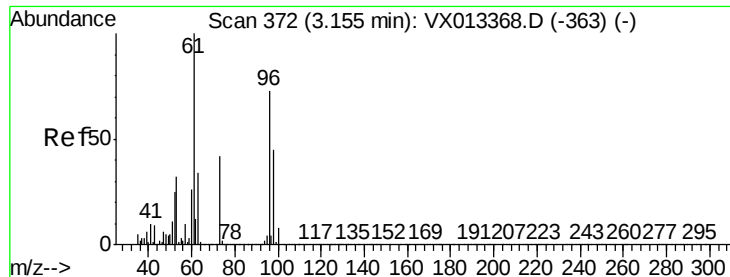
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#18
Methylene Chloride
Concen: 17.946 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.7	96.8	145.2
51	34.6	30.0	45.0
86	64.9	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 17.426 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

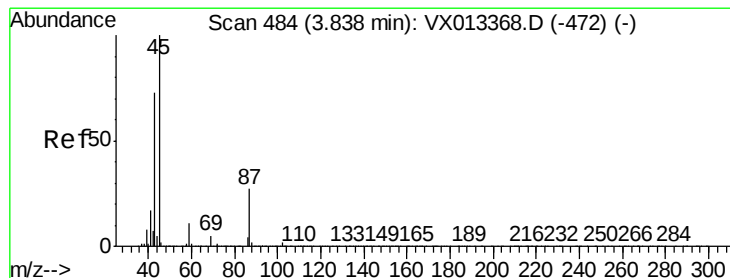
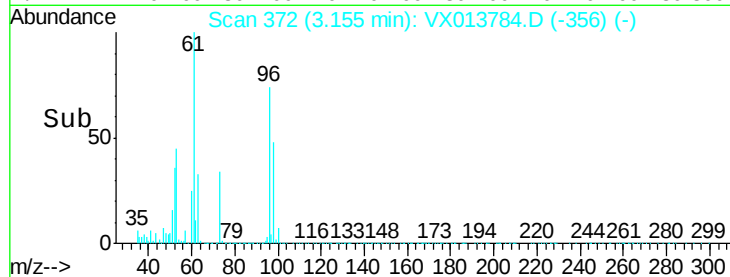
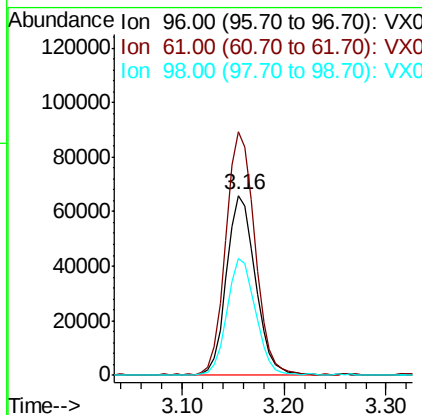
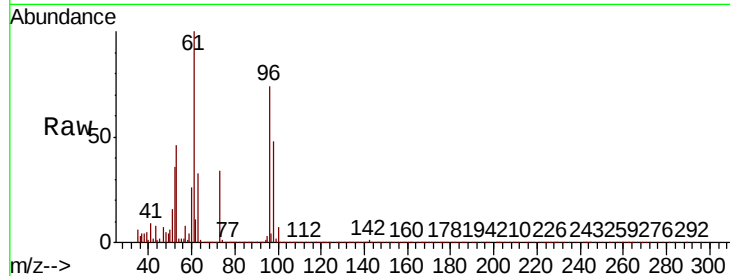
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	129351
Ion Ratio	Lower	Upper	
96	100		
61	134.7	109.9	164.9
98	64.5	49.7	74.5

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#20

Diisopropyl ether

Concen: 17.645 ug/l

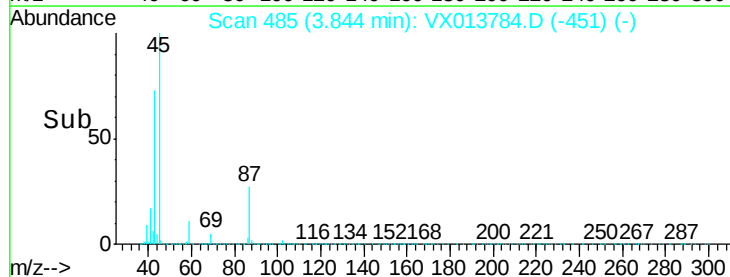
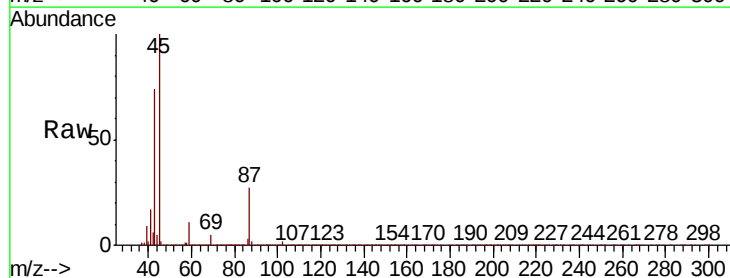
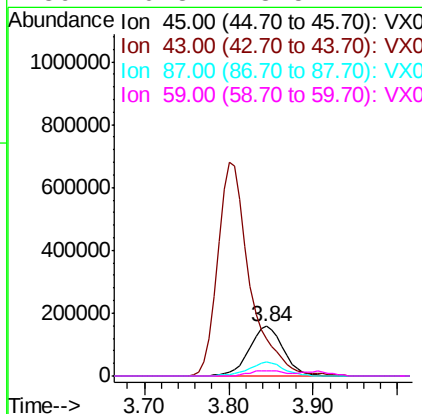
RT: 3.84 min Scan# 485

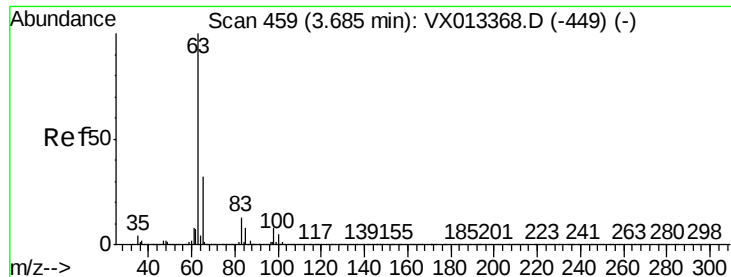
Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	45	Resp:	434193
Ion Ratio	Lower	Upper	
45	100		
43	73.3	67.7	101.5
87	27.0	21.5	32.3
59	10.8	8.5	12.7





#21

1,1-Dichloroethane

Concen: 17.667 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

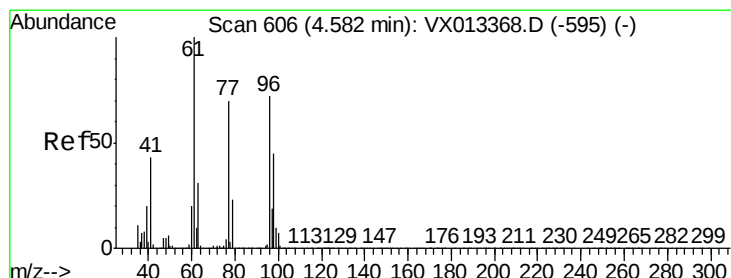
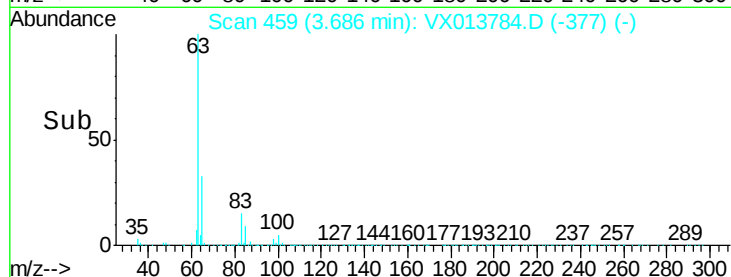
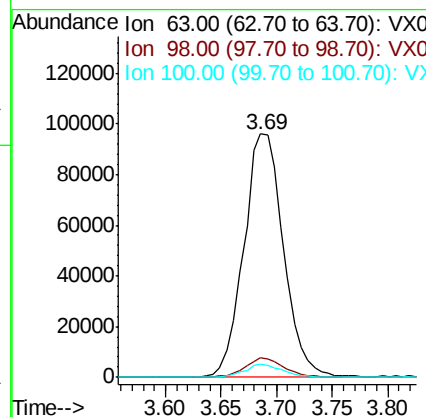
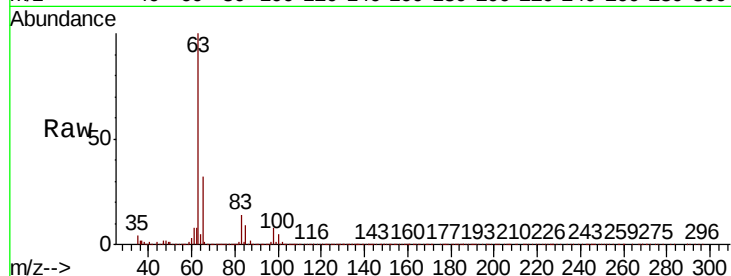
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	236788
Ion Ratio	Lower	Upper	
63	100		
98	7.8	4.0	11.9
100	5.2	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 17.641 ug/l

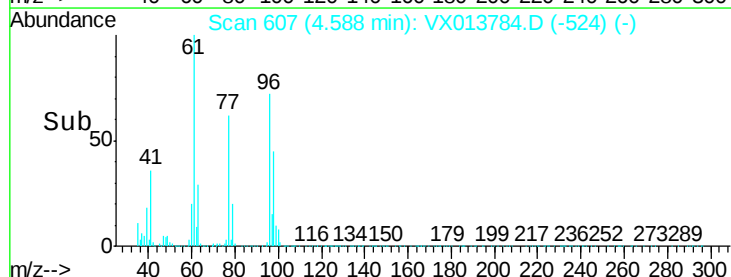
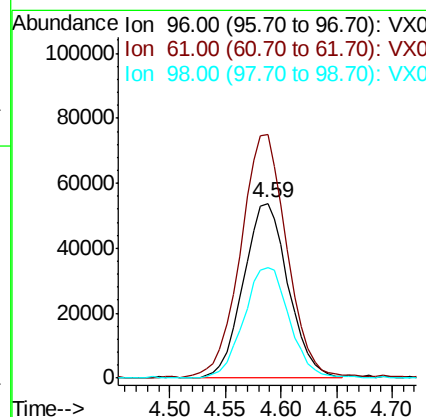
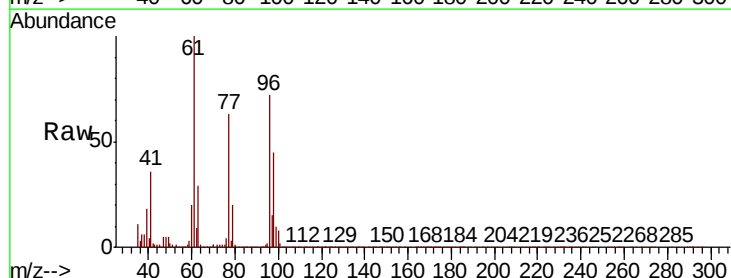
RT: 4.59 min Scan# 607

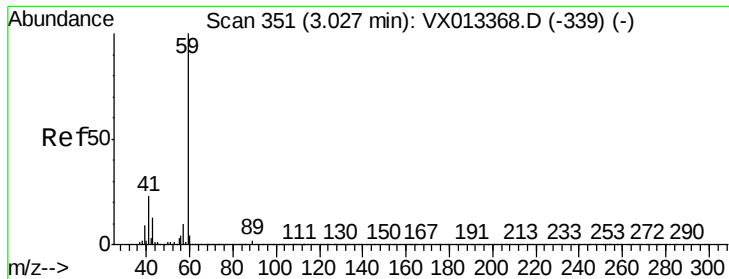
Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	96	Resp:	149295
Ion Ratio	Lower	Upper	
96	100		
61	144.6	117.0	175.6
98	64.3	51.1	76.7





#23

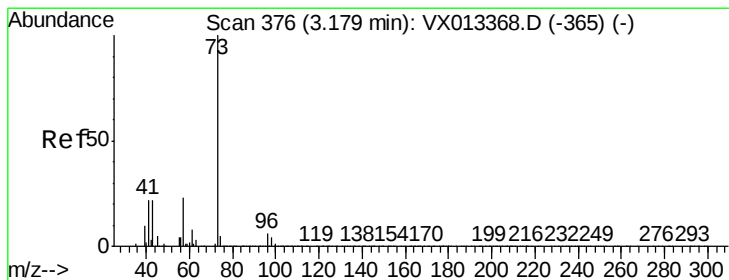
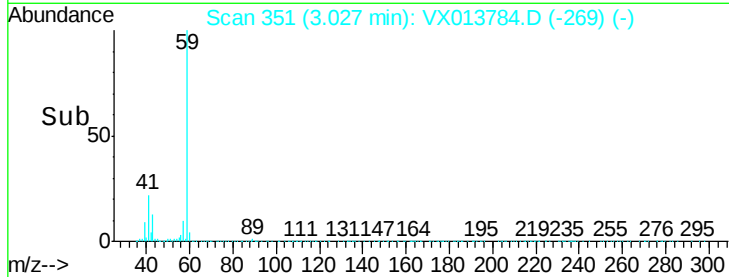
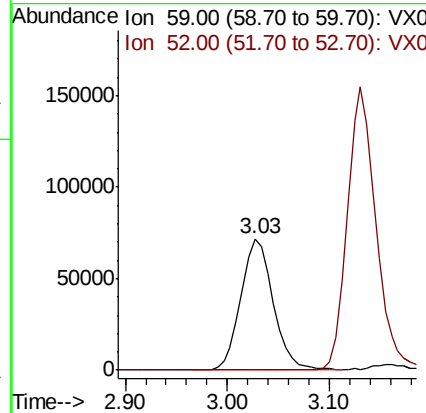
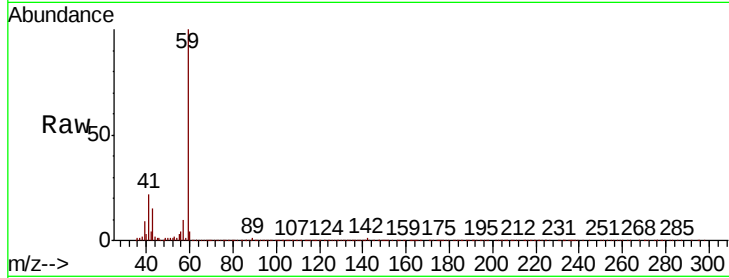
tert-Butyl Alcohol
Concen: 72.740 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.1	0.1#

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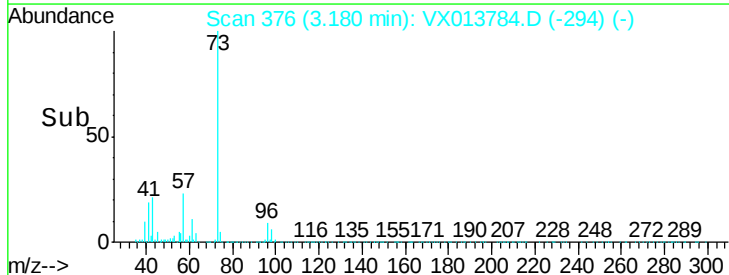
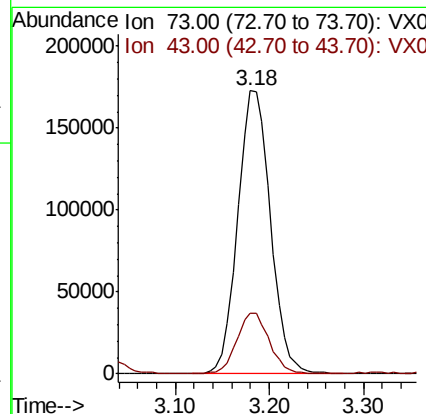
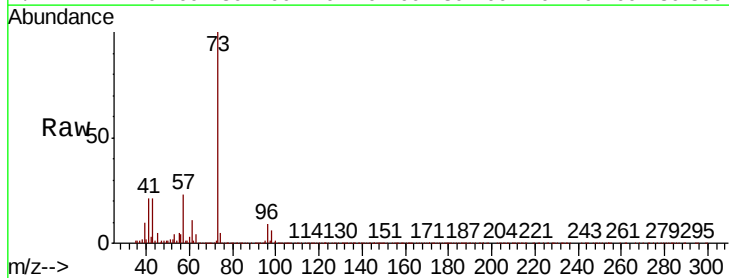
apatel
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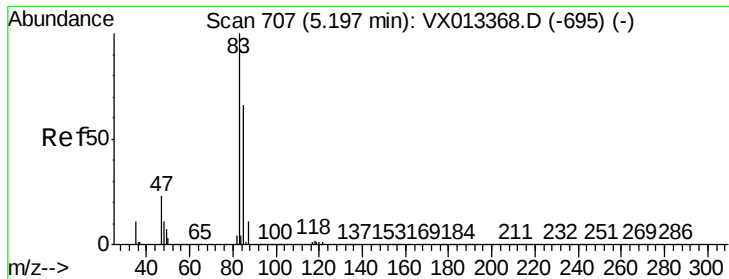


#24

Methyl tert-Butyl Ether
Concen: 18.051 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.9	17.0	25.6





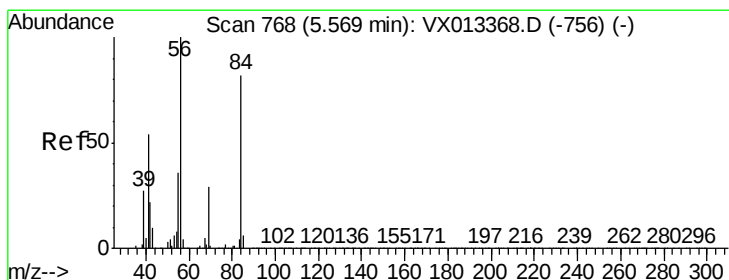
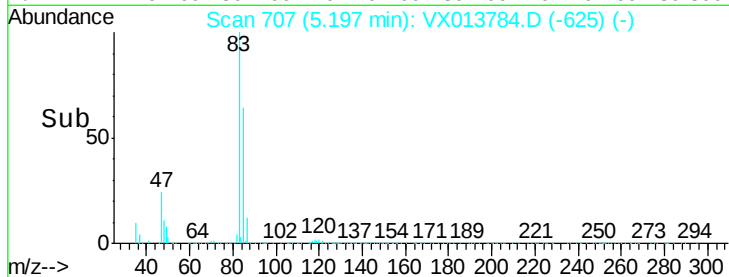
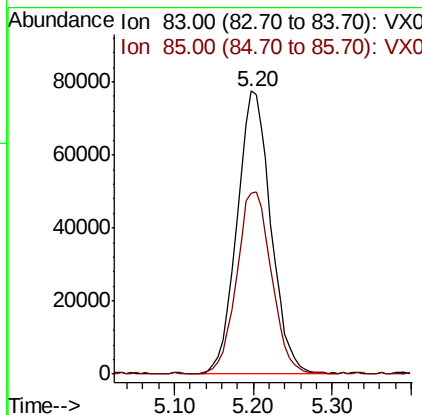
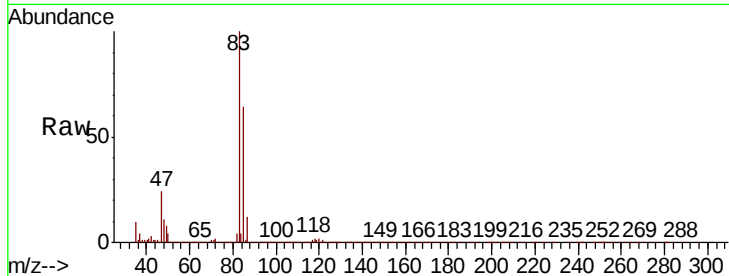
#25
Chloroform
Concen: 17.631 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.4	78.6

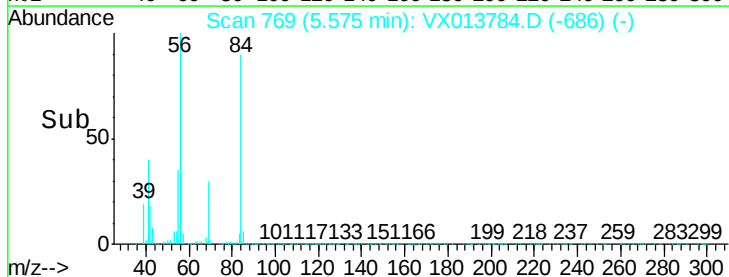
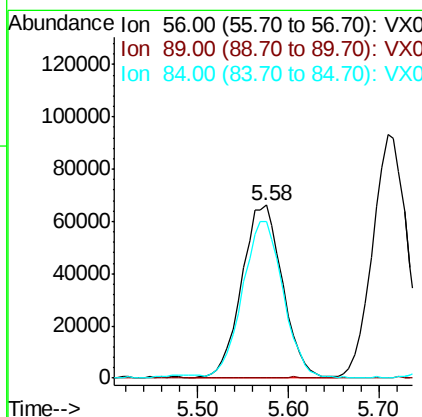
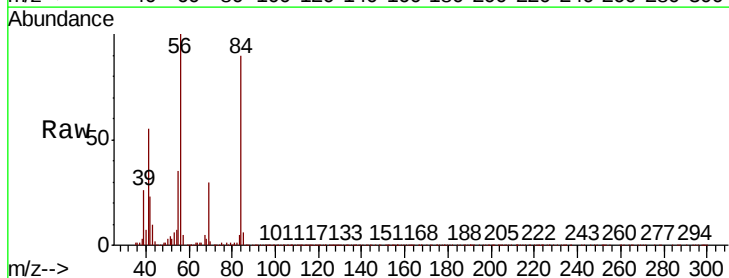
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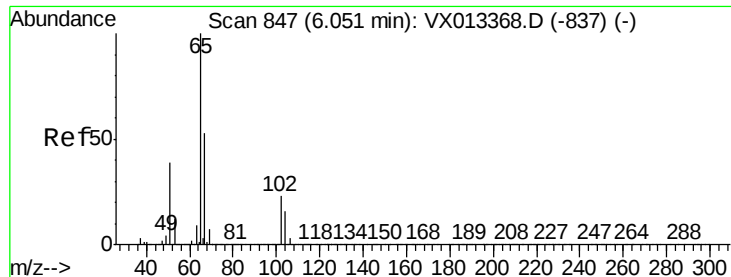
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#26
Cyclohexane
Concen: 16.959 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.0	0.0#
84	89.1	70.5	105.7





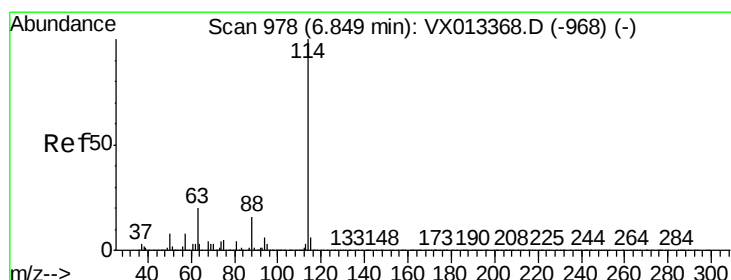
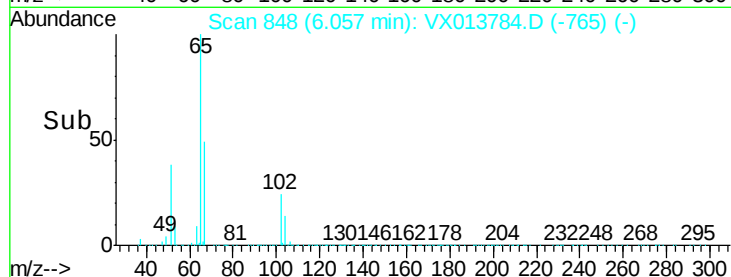
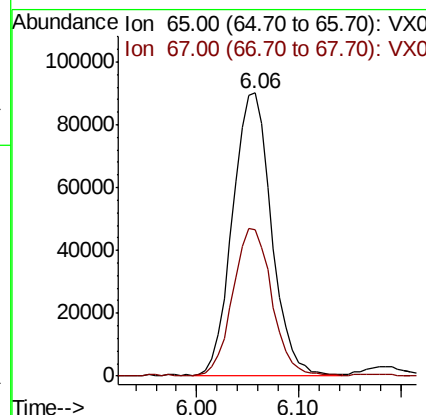
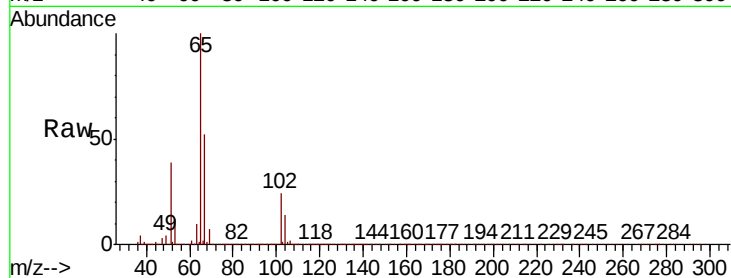
#27
 1,2-Dichloroethane-d4
 Concen: 28.668 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.0	61.6

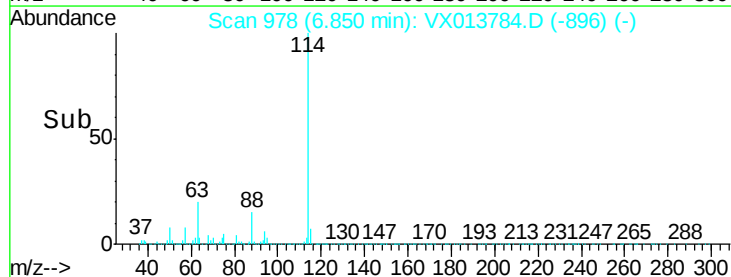
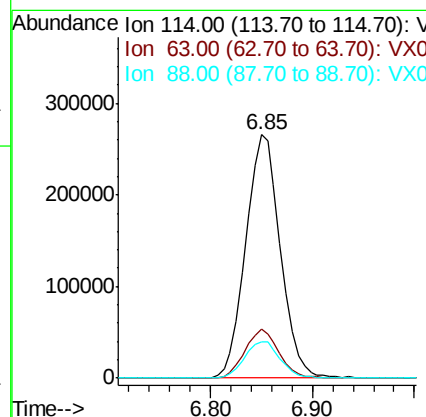
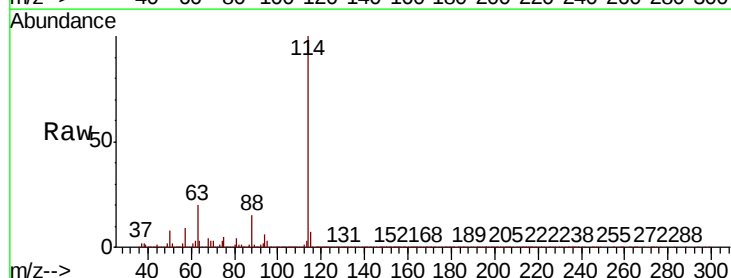
Manual Integrations
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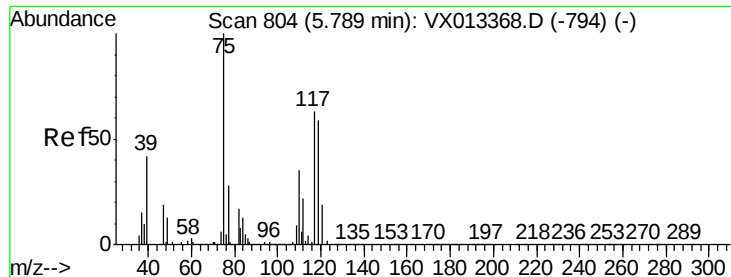
apatel
 12/6/2019 11:37:37 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.1	24.1
88	15.3	12.3	18.5





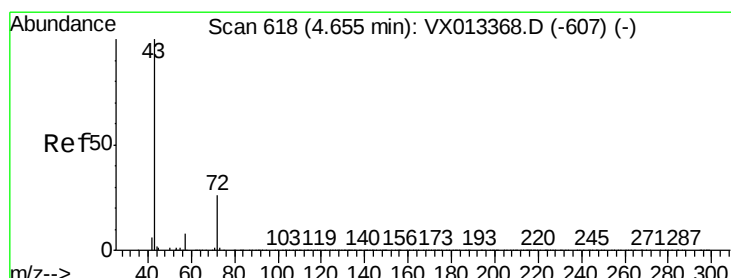
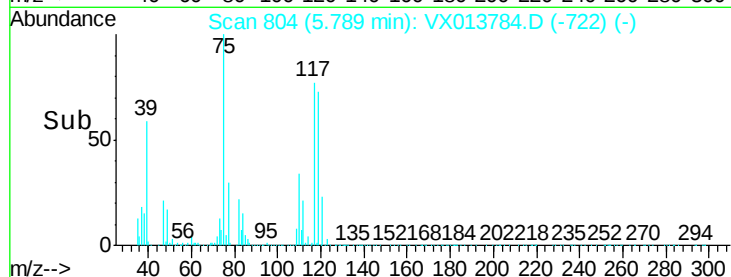
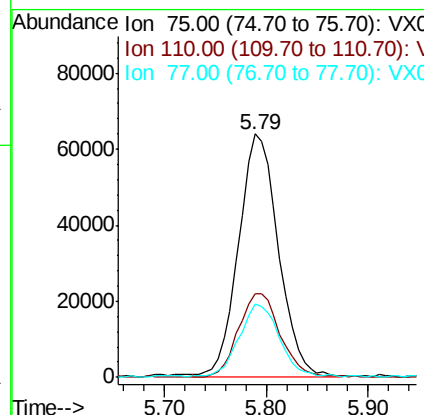
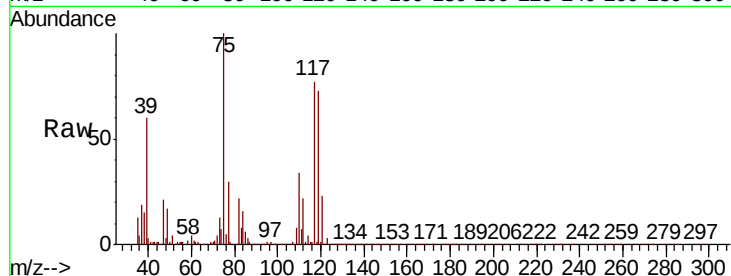
#29
 1,1-Dichloropropene
 Concen: 18.197 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	74.6
77	30.0	0.0	62.6

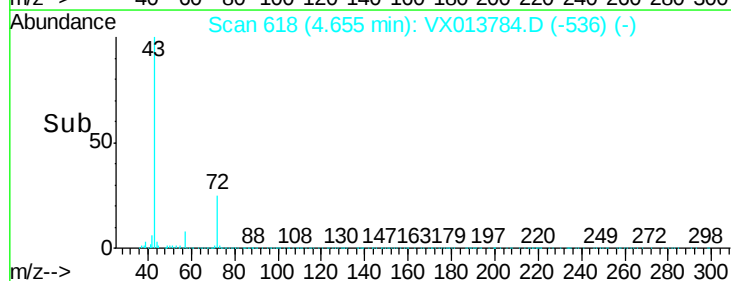
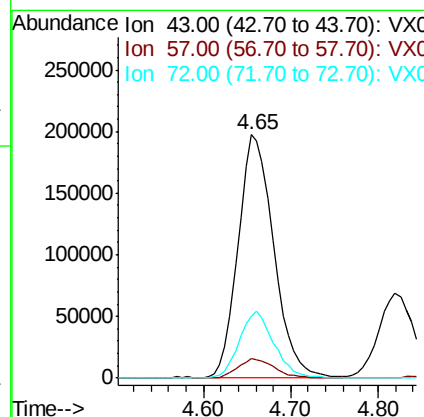
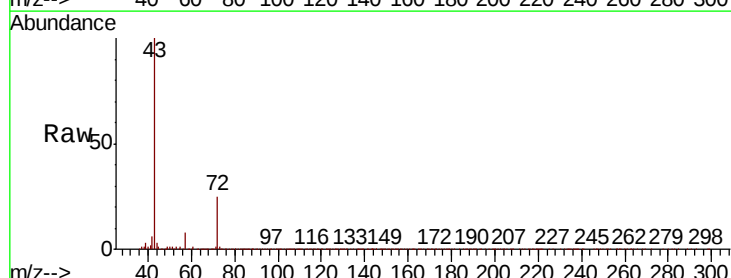
Manual Integrations
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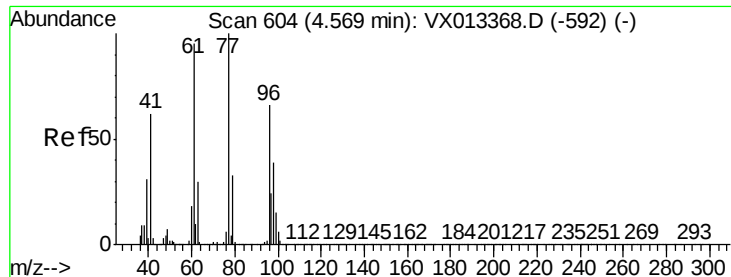
apatel
 12/6/2019 11:37:37 AM



#30
 2-Butanone
 Concen: 88.179 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	26.4	20.5	30.7





#31

2,2-Dichloropropane

Concen: 17.966 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 185794

Ion Ratio Lower Upper

77 100

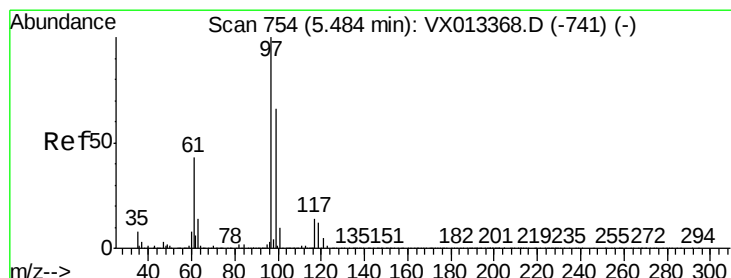
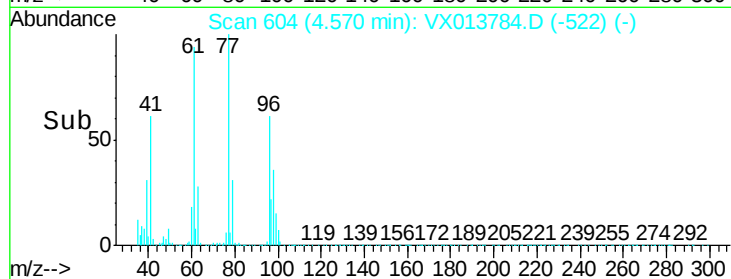
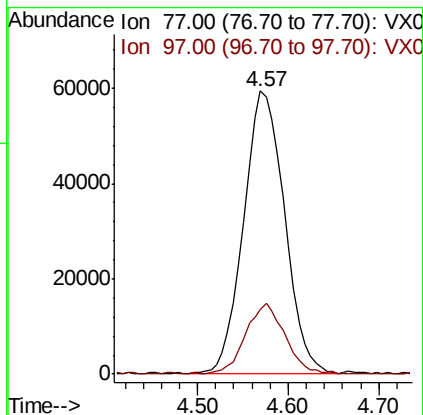
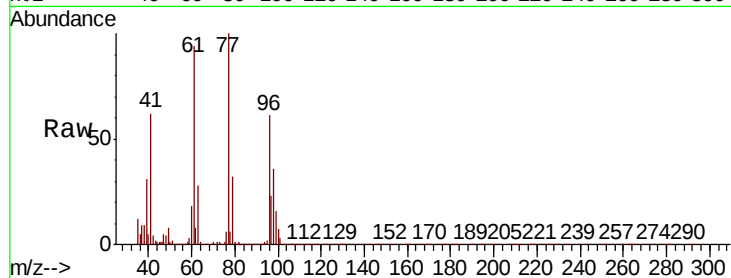
97 23.3 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.467 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

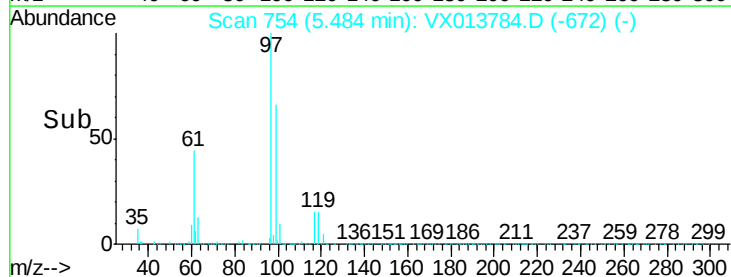
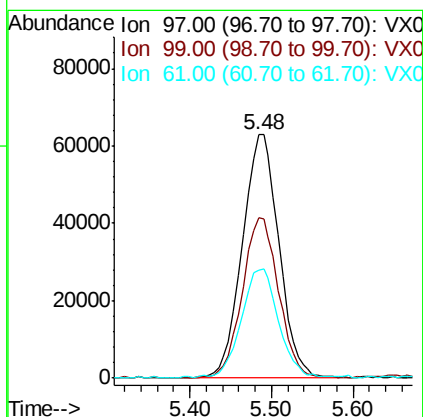
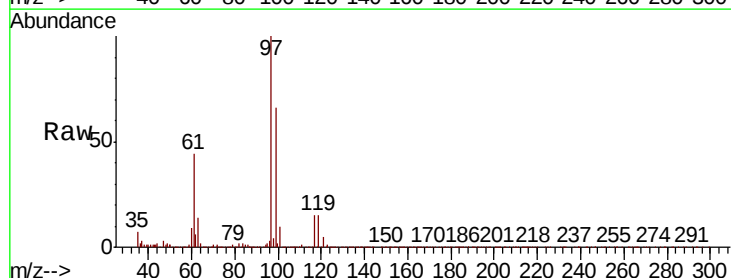
Tgt Ion: 97 Resp: 195999

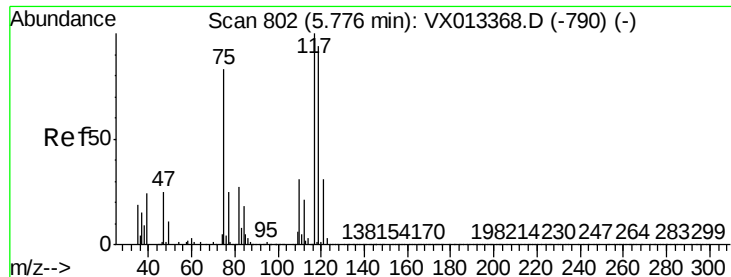
Ion Ratio Lower Upper

97 100

99 65.0 52.5 78.7

61 44.9 36.1 54.1





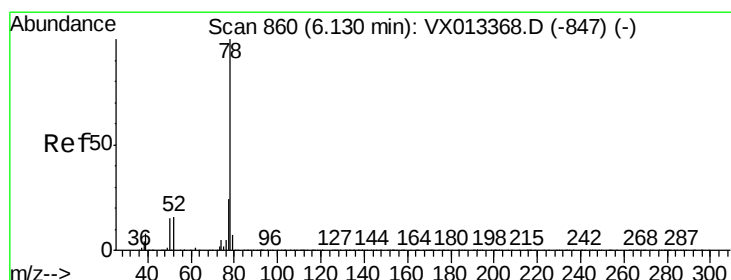
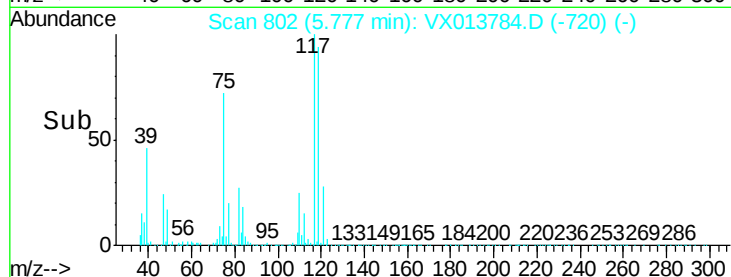
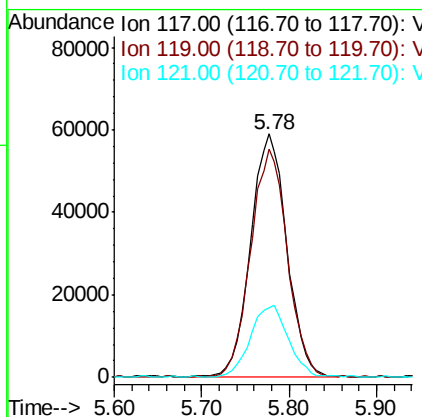
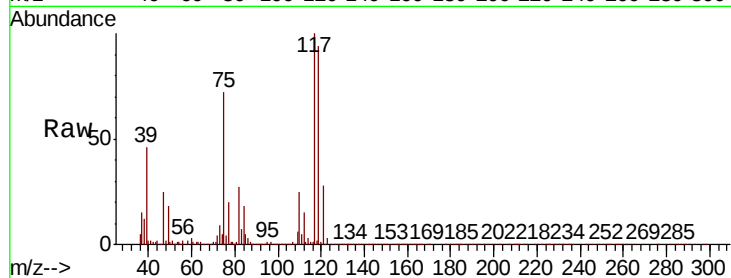
#33
Carbon Tetrachloride
Concen: 18.391 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.0	112.6
121	28.2	24.9	37.3

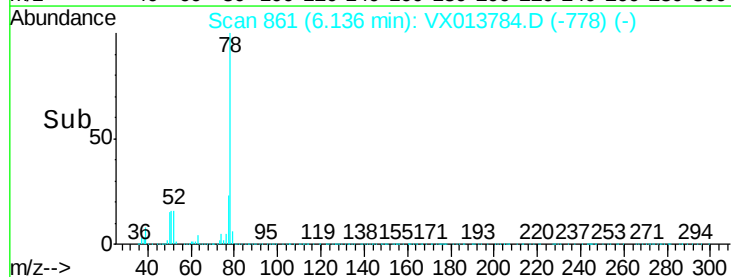
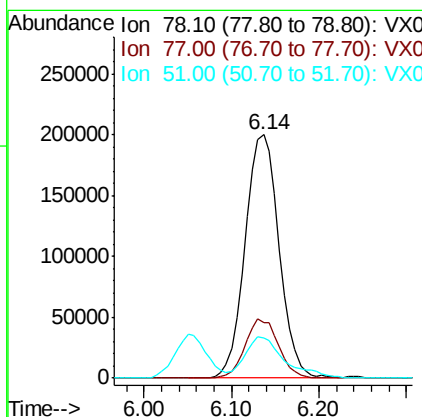
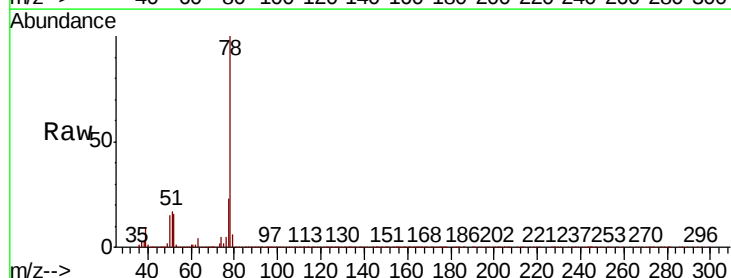
Manual Integrations
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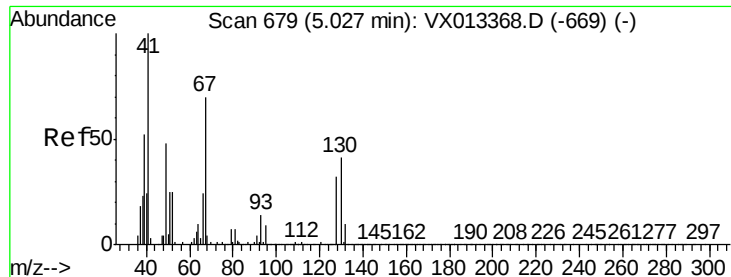
apatel
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#34
Benzene
Concen: 18.680 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.3	28.9
51	16.0	12.2	18.4





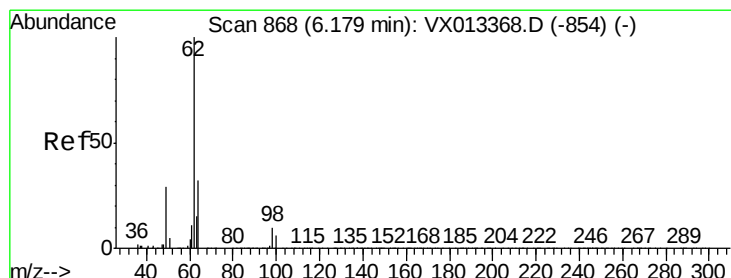
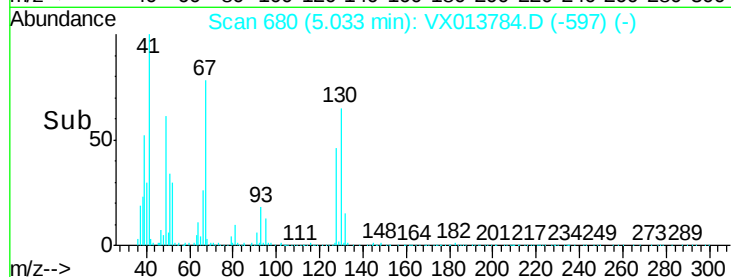
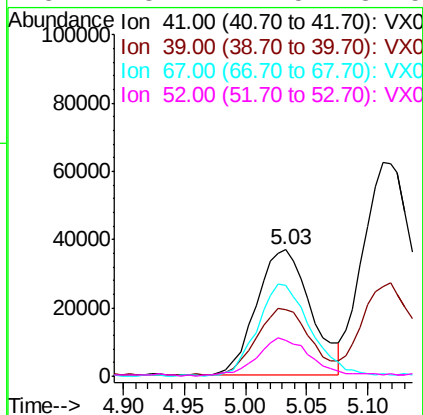
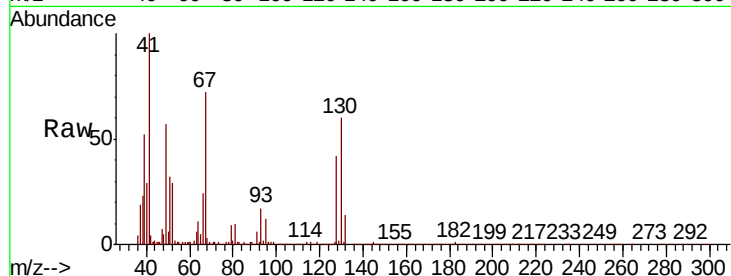
#35
Methacrylonitrile
Concen: 18.119 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.7	25.9	77.8
67	71.9	35.1	105.5
52	28.2	12.5	37.5

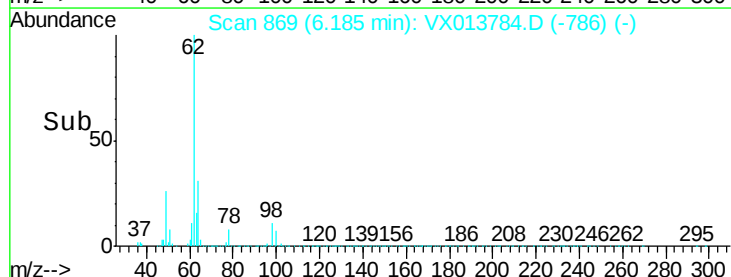
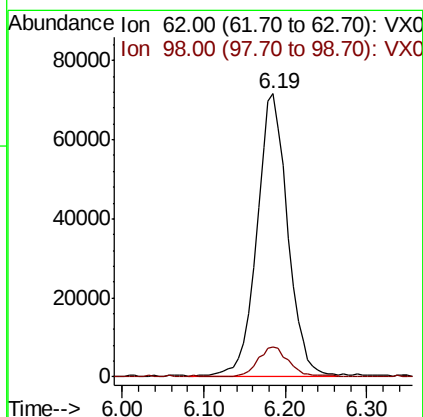
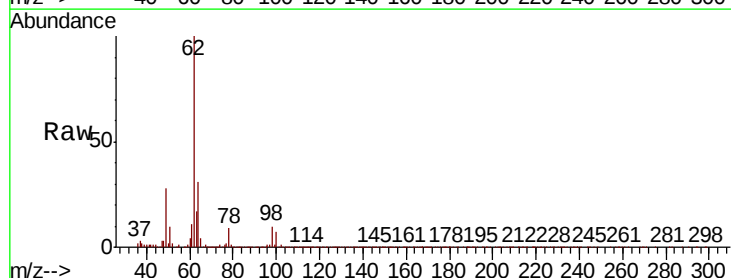
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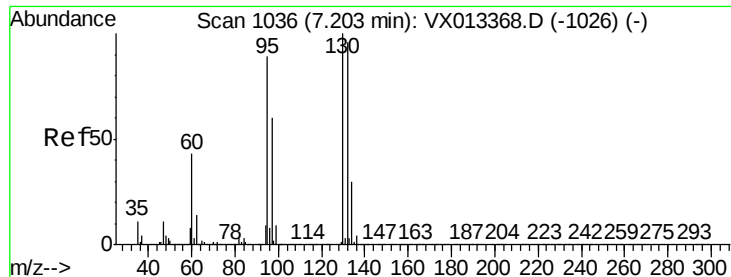
apatel
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#36
1,2-Dichloroethane
Concen: 18.704 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2





#37

Trichloroethene

Concen: 18.506 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 143594

Ion Ratio Lower Upper

130 100

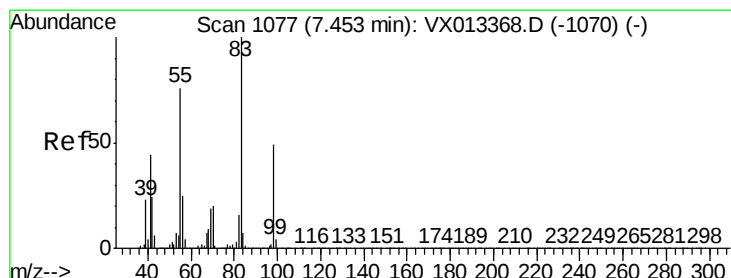
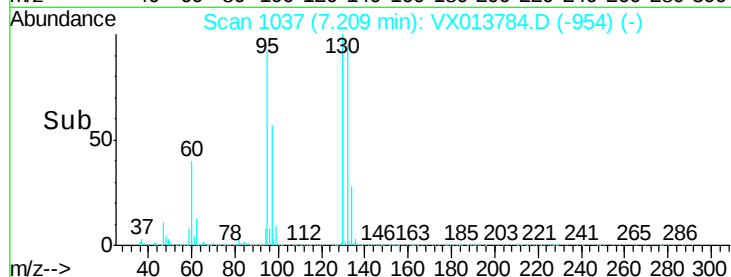
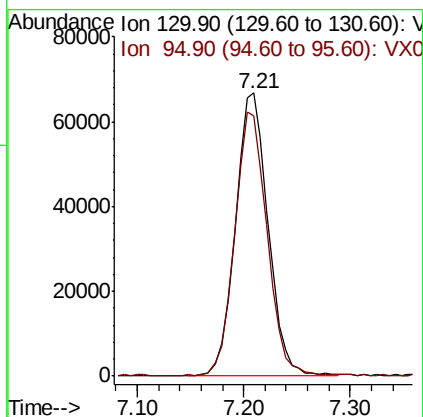
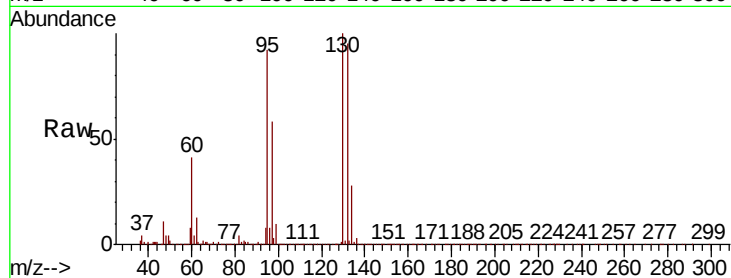
95 91.6 71.3 106.9

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#38

Methylcyclohexane

Concen: 17.774 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

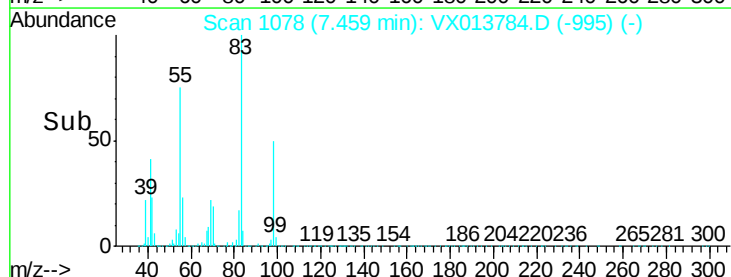
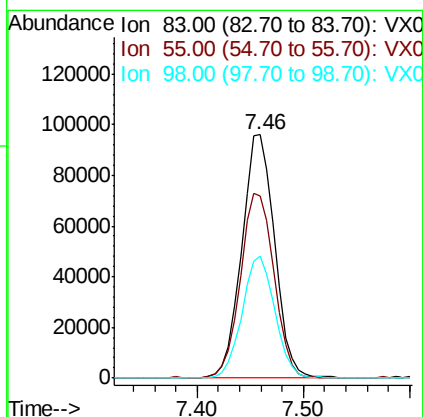
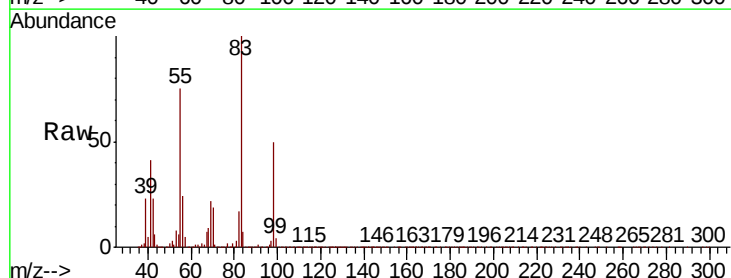
Tgt Ion: 83 Resp: 208100

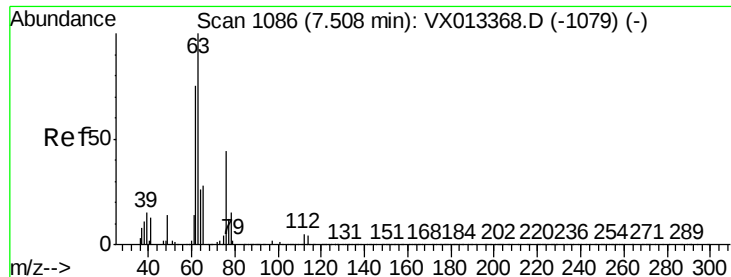
Ion Ratio Lower Upper

83 100

55 78.2 37.9 113.7

98 49.9 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.417 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 137922

Ion Ratio Lower Upper

63 100

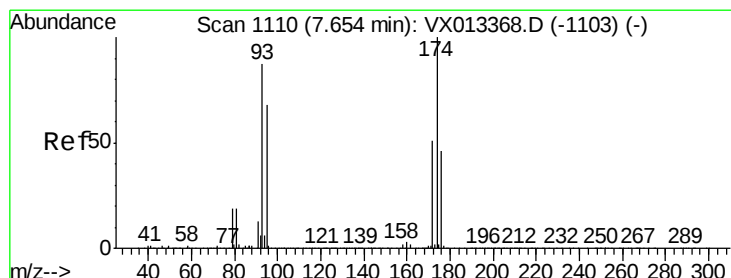
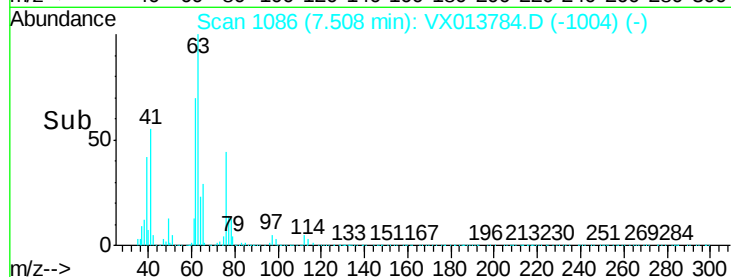
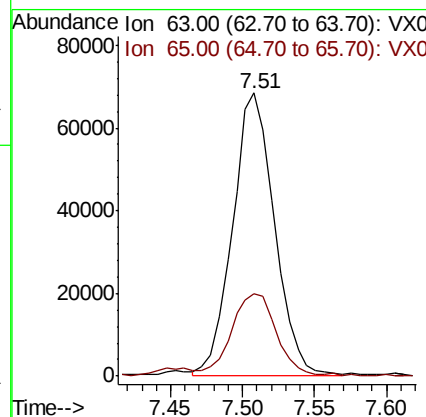
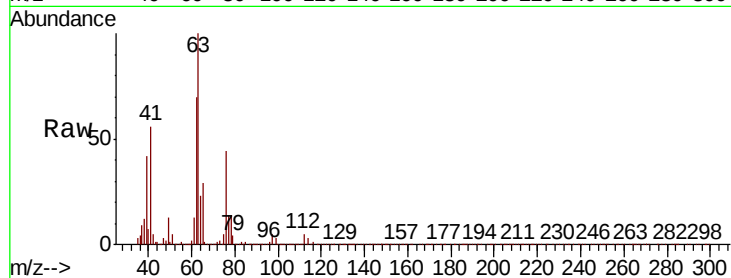
65 29.2 23.8 35.8

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#40

Dibromomethane

Concen: 18.152 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

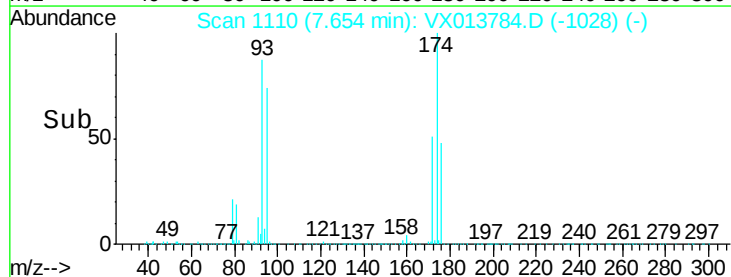
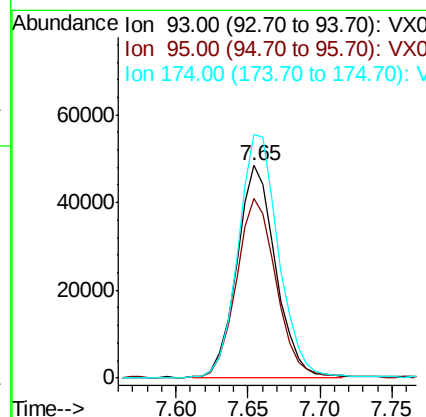
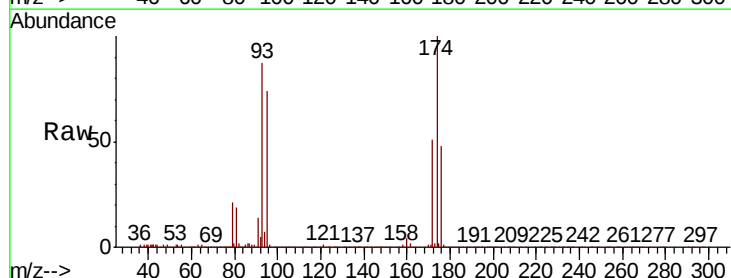
Tgt Ion: 93 Resp: 90469

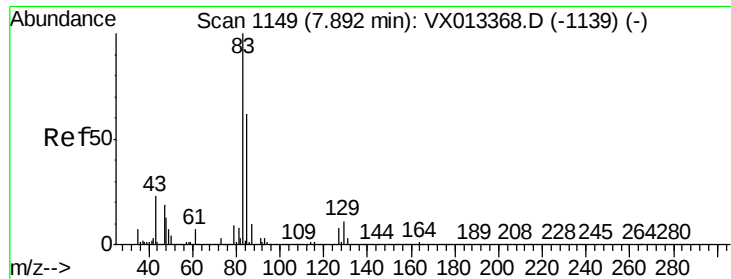
Ion Ratio Lower Upper

93 100

95 86.0 0.0 160.8

174 120.0 0.0 228.8





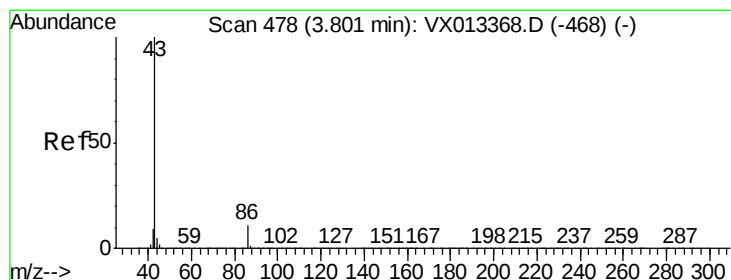
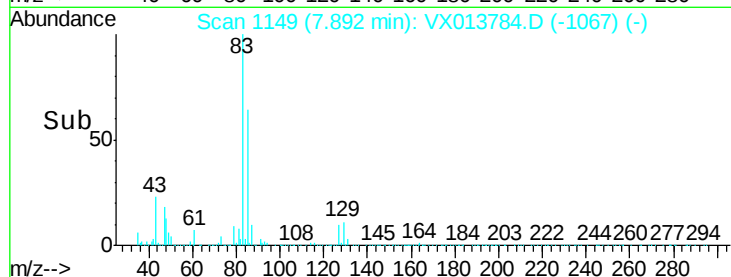
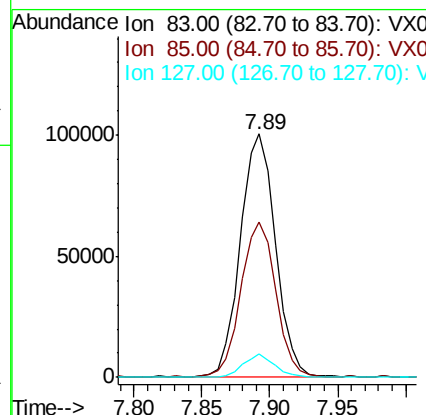
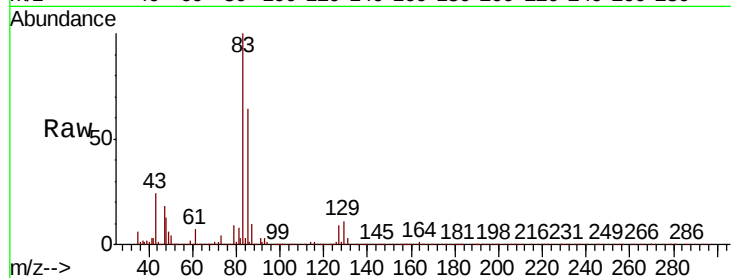
#41
 Bromodichloromethane
 Concen: 18.626 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.3	73.9
127	9.5	6.6	10.0

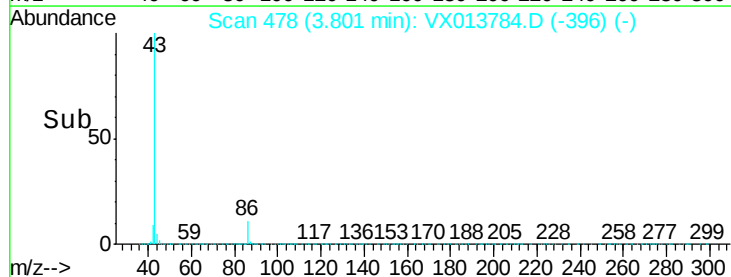
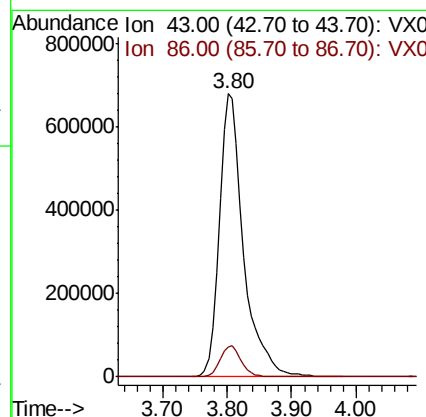
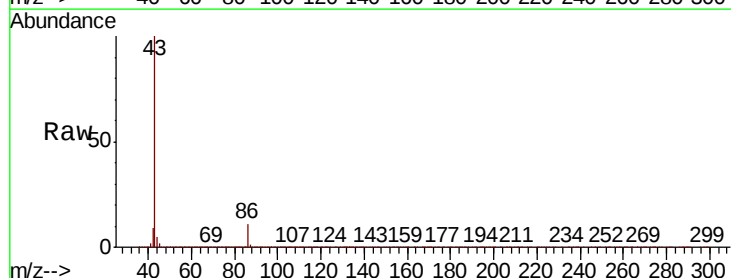
Manual Integrations
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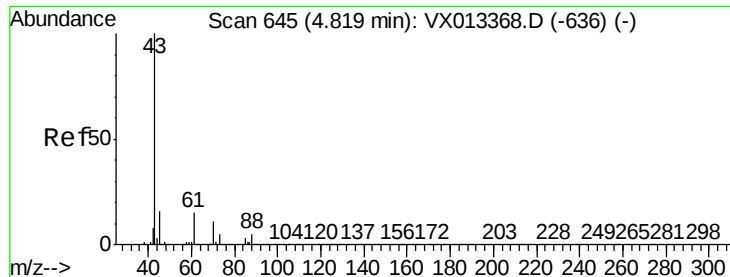
apatel
 12/6/2019 11:37:37 AM



#42
 Vinyl Acetate
 Concen: 90.023 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.6	11.4





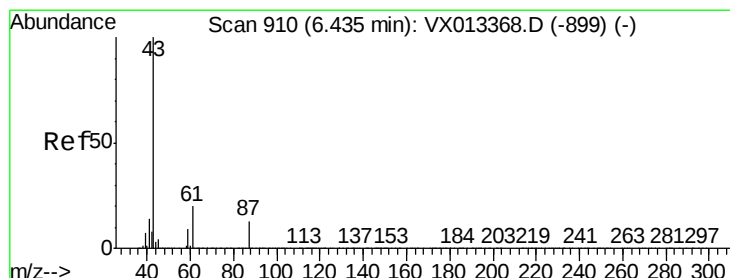
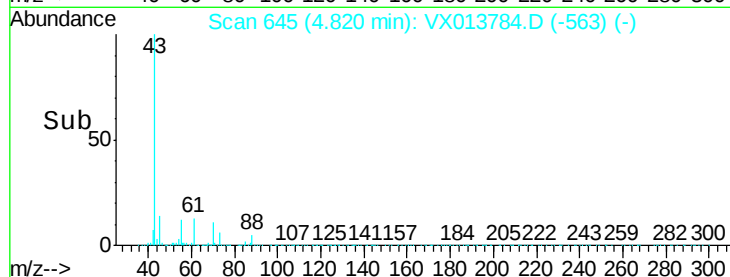
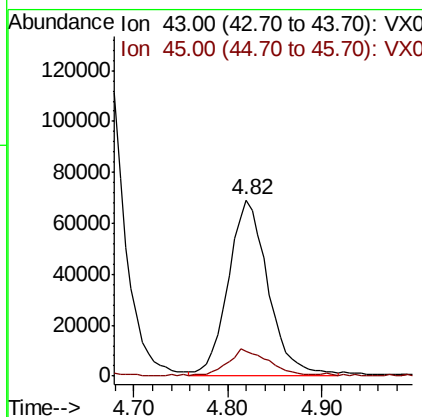
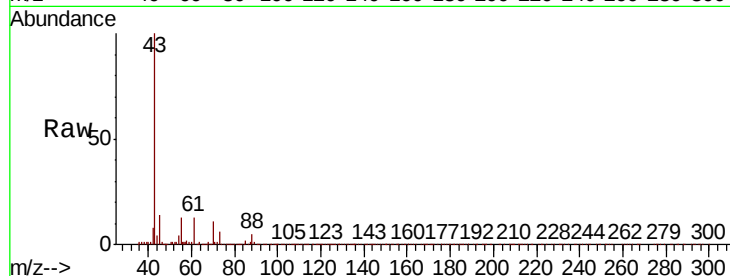
#43
Ethyl Acetate
Concen: 17.528 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	13.9	10.9	16.3

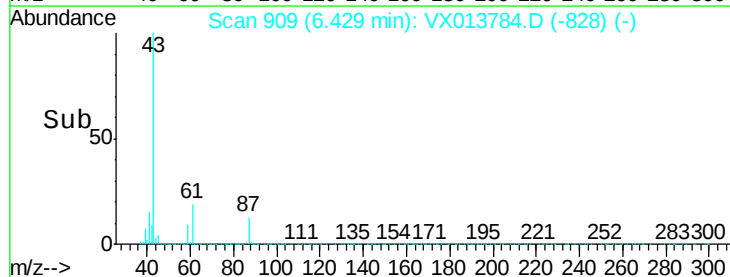
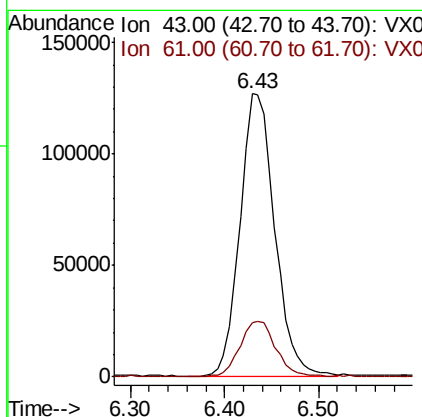
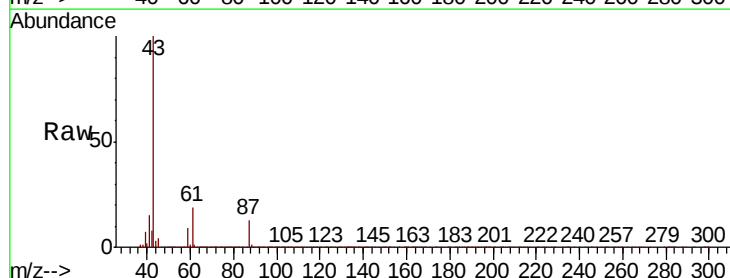
Manual Integrations
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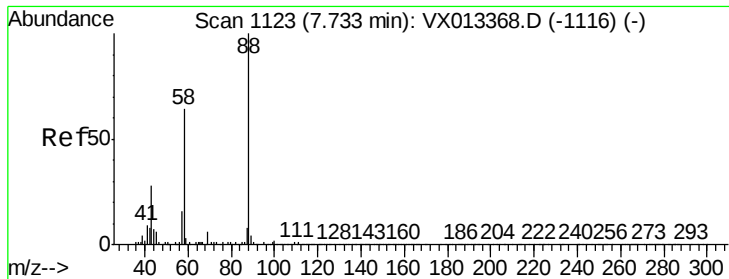
apatel
12/6/2019 11:37:37 AM



#44
Isopropyl Acetate
Concen: 17.653 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.8	23.8





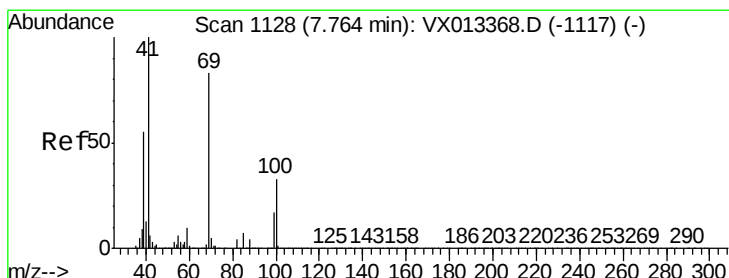
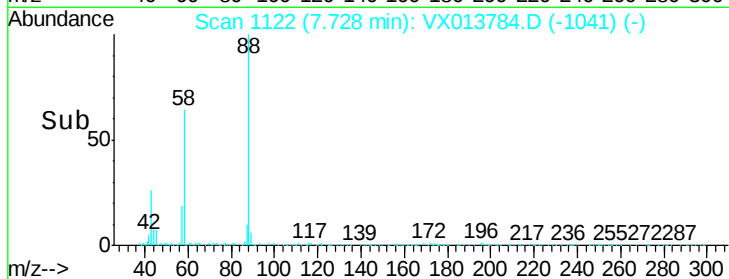
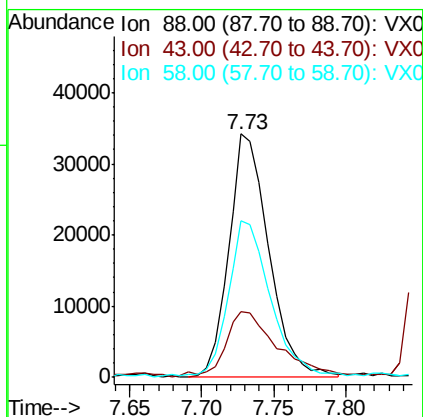
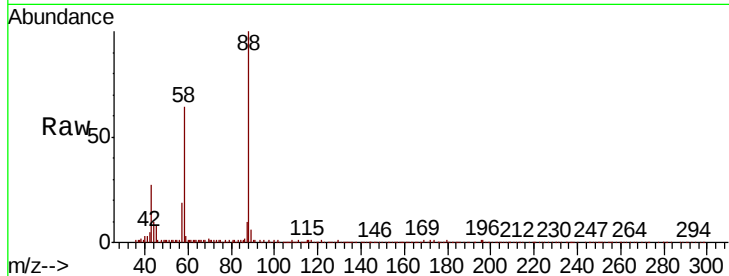
#45
1,4-Dioxane
Concen: 322.962 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	26.1	39.1
58	67.6	55.8	83.8

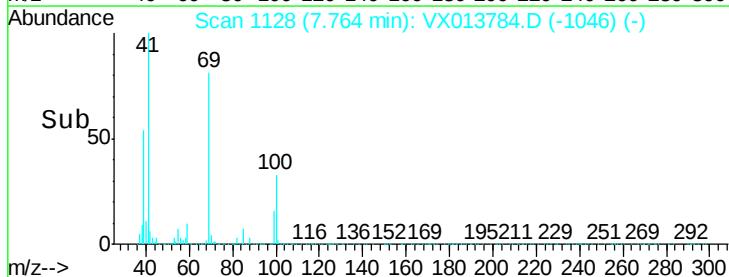
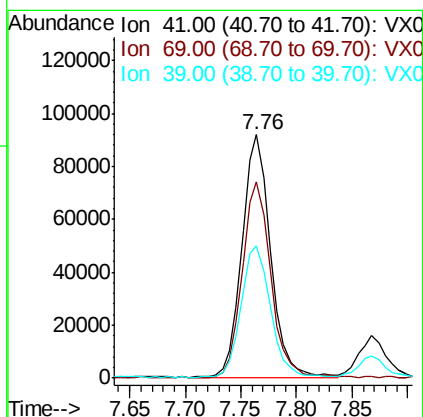
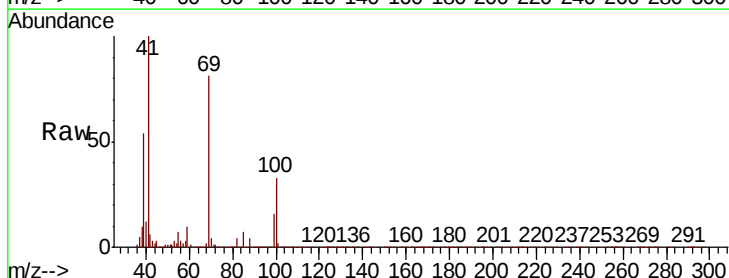
Manual Integrations
APPROVED

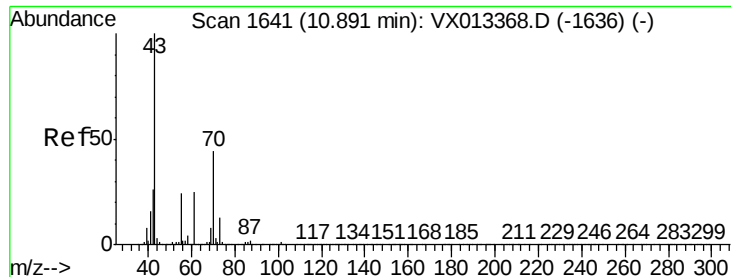
apatel
12/6/2019 11:37:37 AM



#46
Methyl methacrylate
Concen: 17.773 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.9	41.4	124.4
39	54.2	27.9	83.6





#47

n-amvl Acetate

Concen: 17.326 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 280818

Ion Ratio Lower Upper

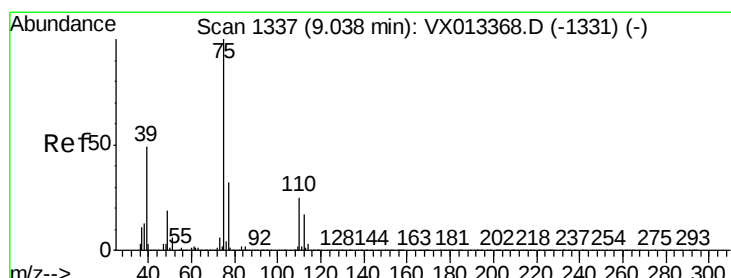
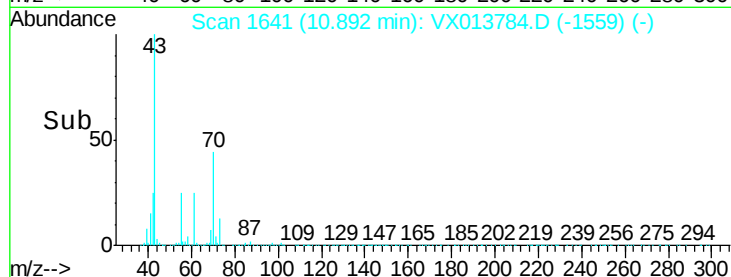
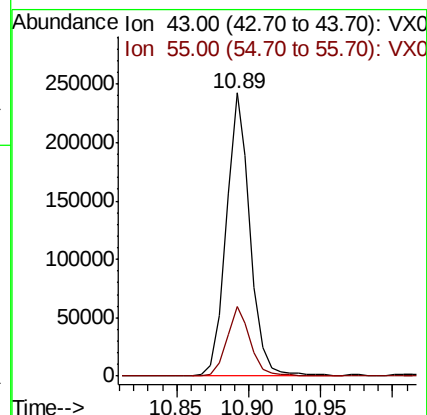
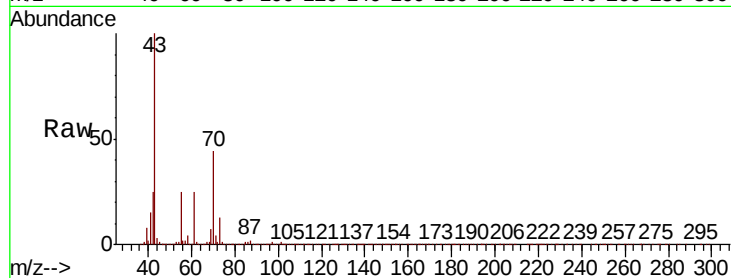
43 100

55 24.0 19.0 28.4

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 17.638 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013784.D

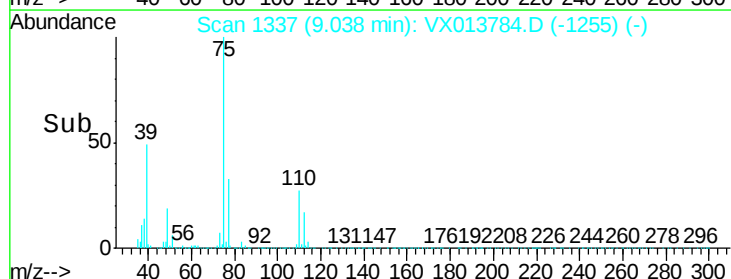
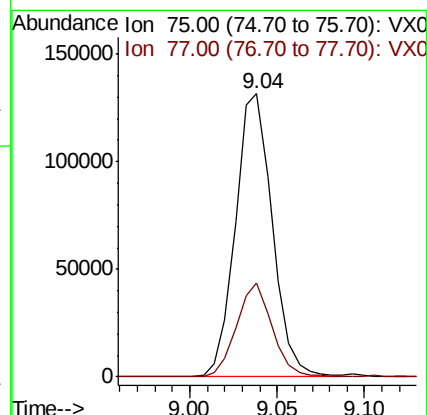
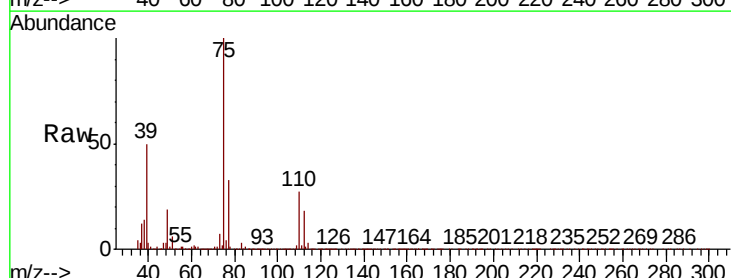
Acq: 05 Dec 2019 18:47

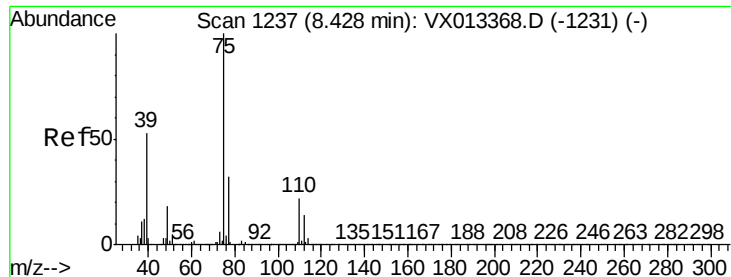
Tgt Ion: 75 Resp: 192424

Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9





#49

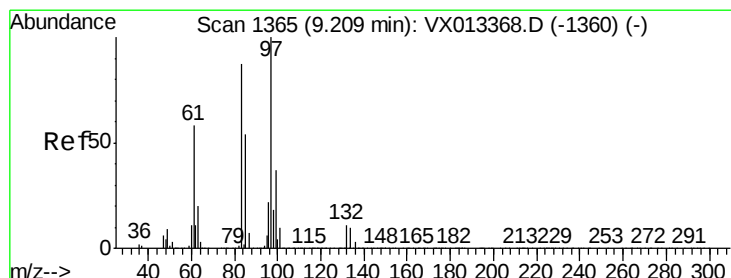
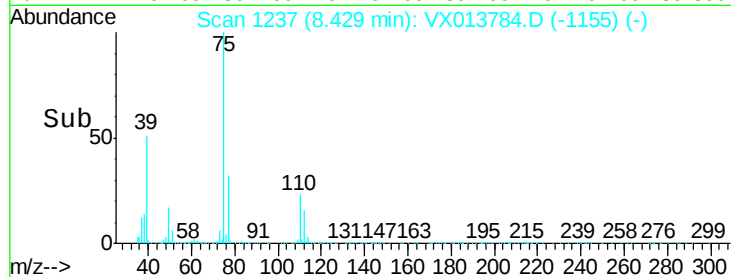
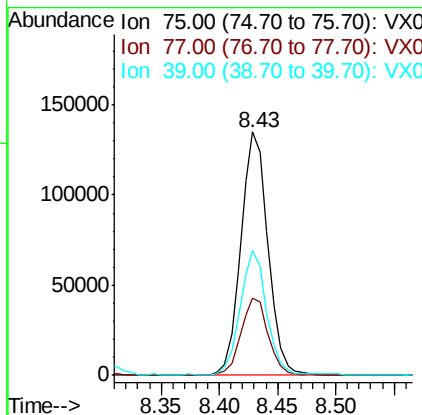
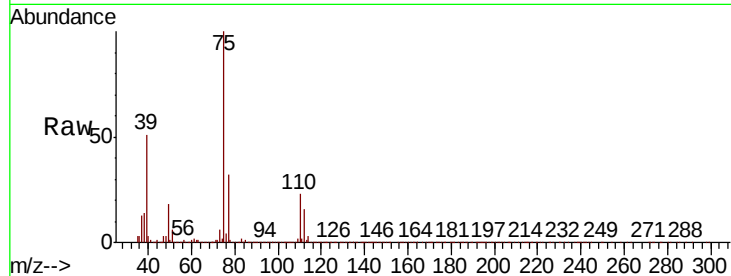
cis-1,3-Dichloropropene
 Concen: 18.404 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	50.5	42.2	63.4

Manual Integrations
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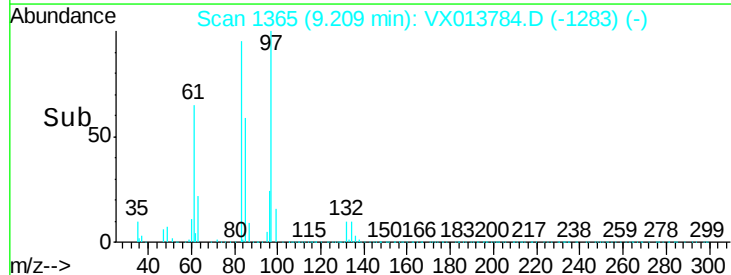
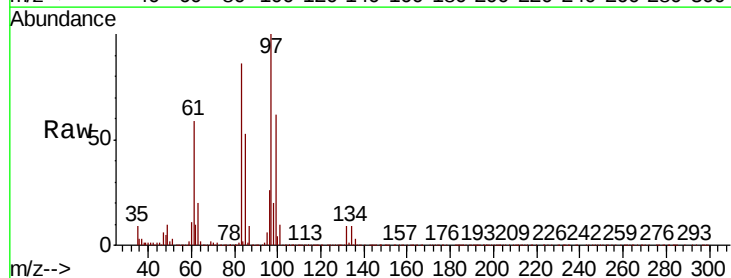
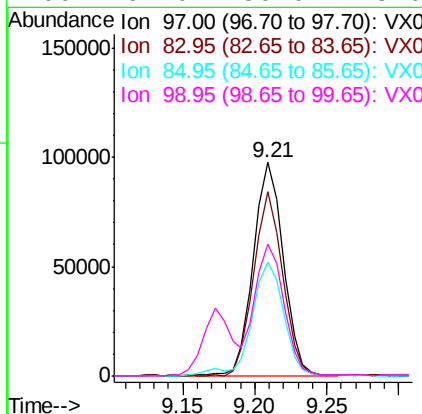
apatel
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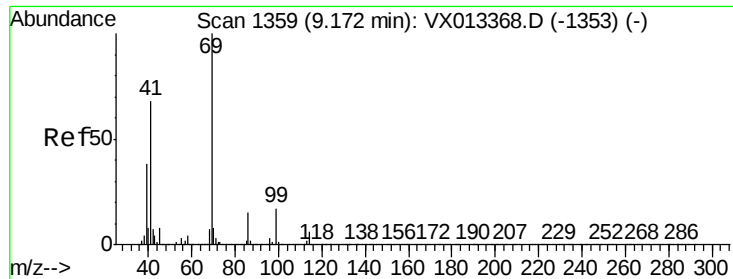


#50

1,1,2-Trichloroethane
 Concen: 19.055 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.6	104.4
85	53.1	45.5	68.3
99	61.0	50.0	75.0





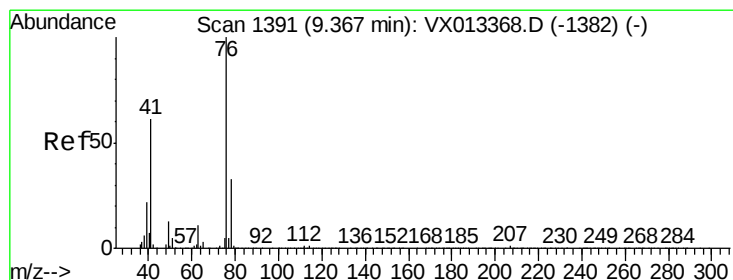
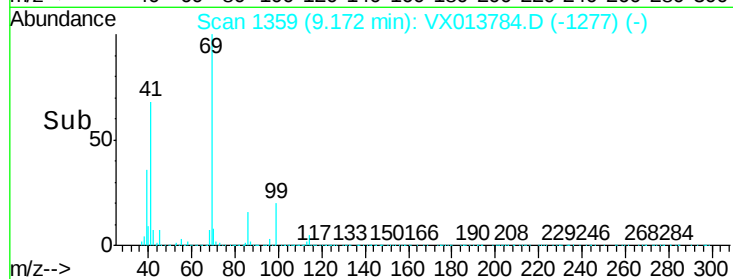
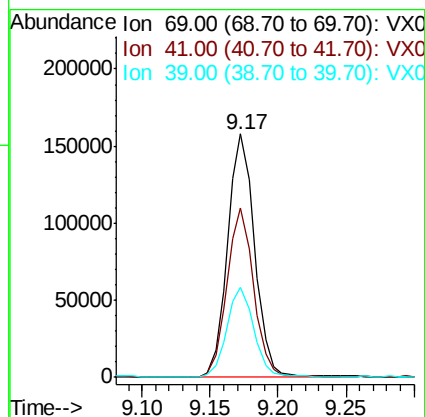
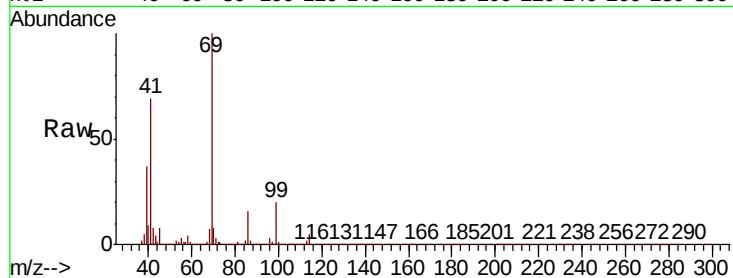
#51
Ethyl methacrylate
Concen: 17.873 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
69	100		
41	69.3	33.9	101.6
39	36.6	18.8	56.4

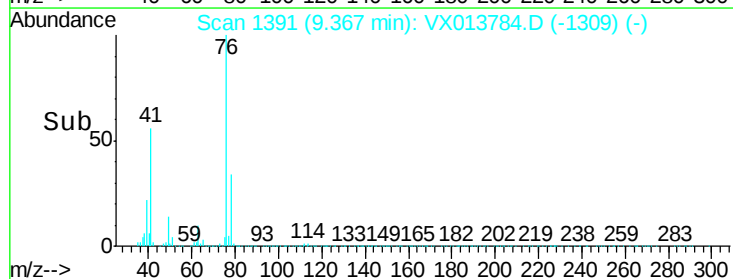
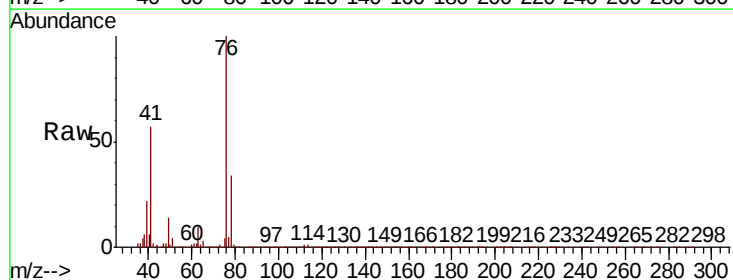
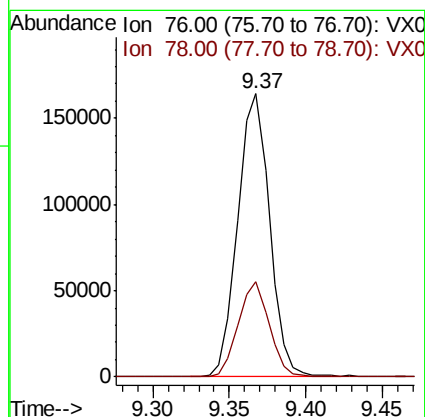
Manual Integrations
APPROVED

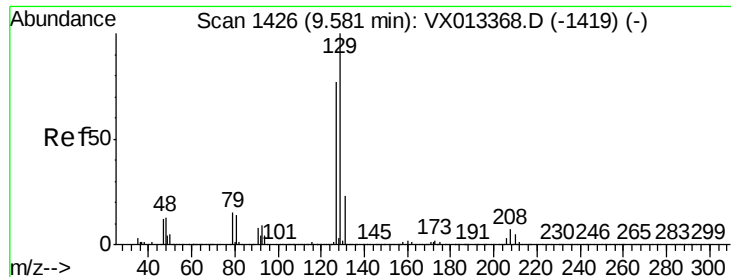
apatel
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#52
1,3-Dichloropropane
Concen: 18.759 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.6





#53

Dibromochloromethane

Concen: 18.339 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 143344

Ion Ratio Lower Upper

129 100

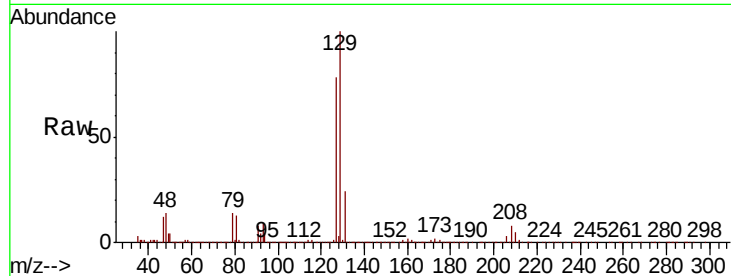
127 79.6 39.6 119.0

Manual Integrations

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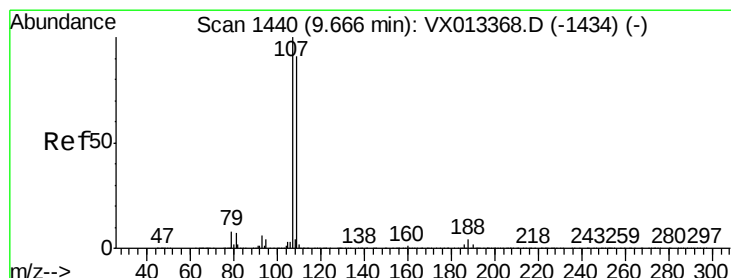
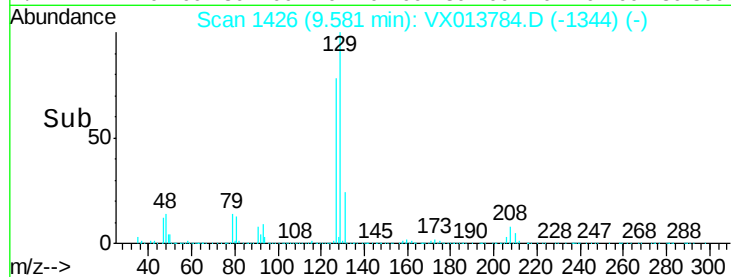
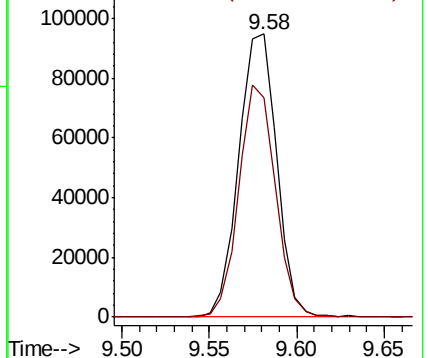
apatel

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.384 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013784.D

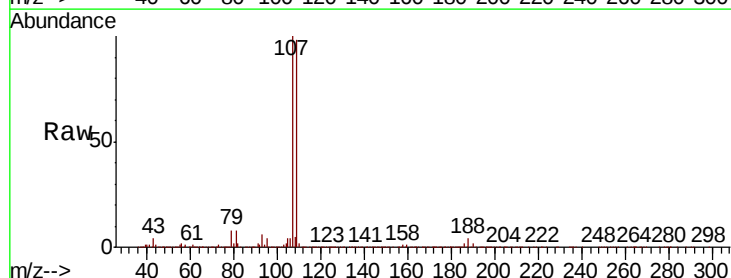
Acq: 05 Dec 2019 18:47

Tgt Ion:107 Resp: 144975

Ion Ratio Lower Upper

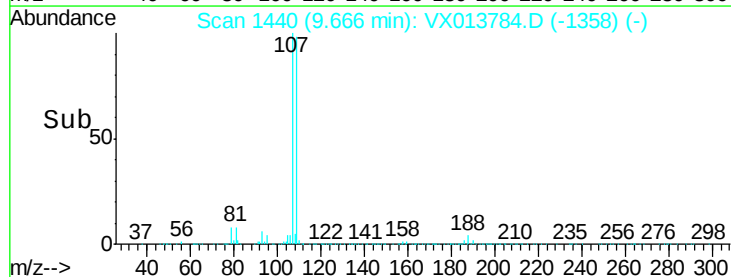
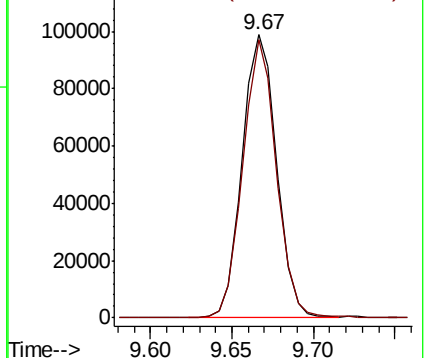
107 100

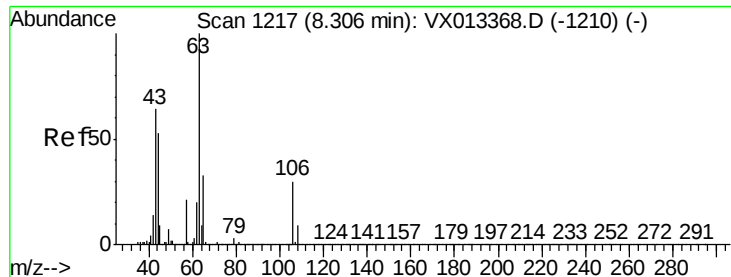
109 95.7 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 83.159 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

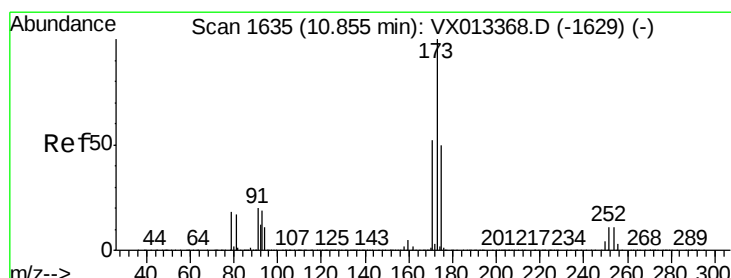
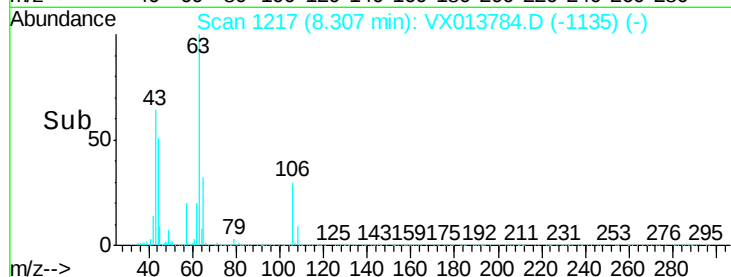
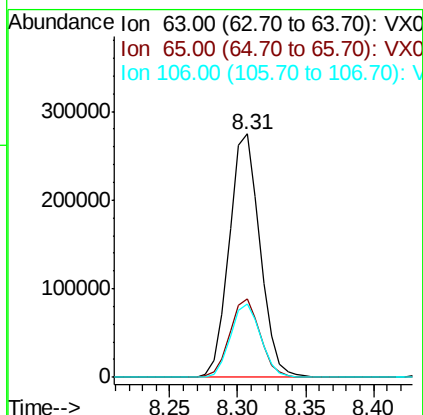
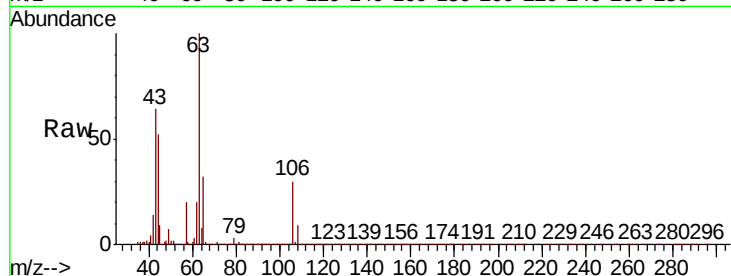
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	431460
Ion Ratio	Lower	Upper	
63	100		
65	31.5	26.0	39.0
106	29.8	23.5	35.3

Manual Integrations
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#56

Bromoform

Concen: 17.731 ug/l

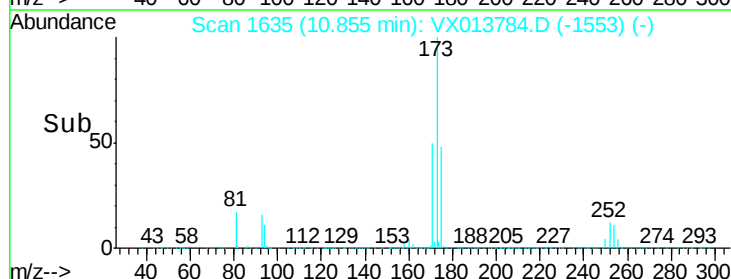
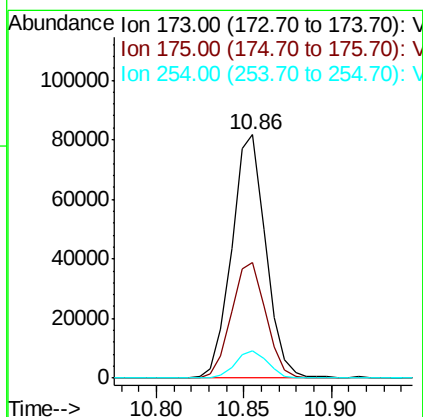
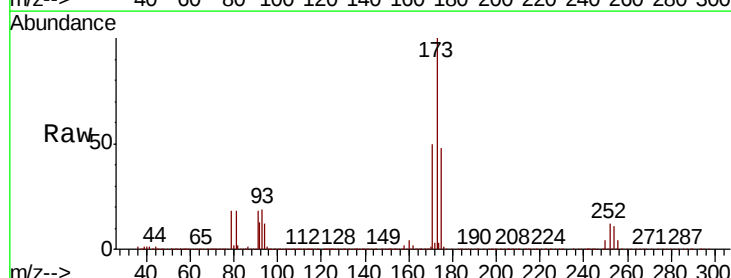
RT: 10.86 min Scan# 1635

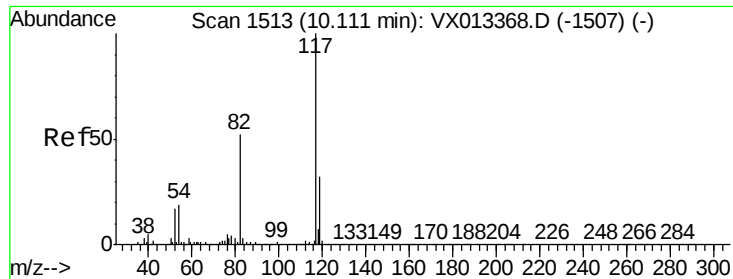
Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	173	Resp:	110296
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.4	59.0
254	11.0	8.6	12.8





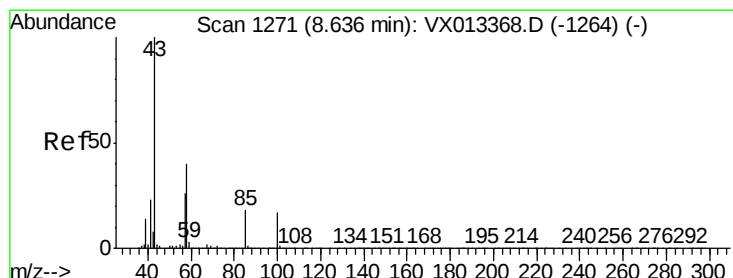
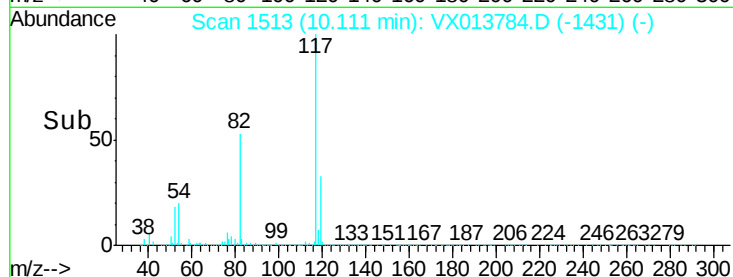
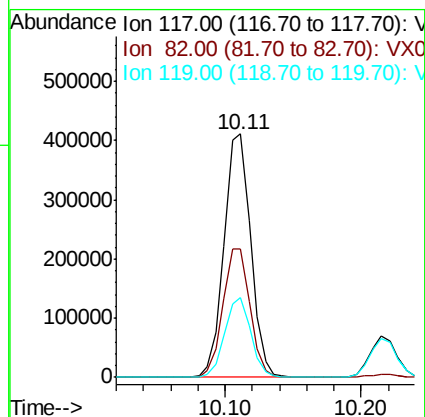
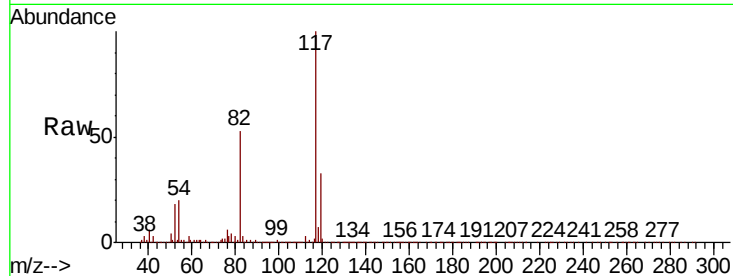
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.7	65.5
119	32.1	25.5	38.3

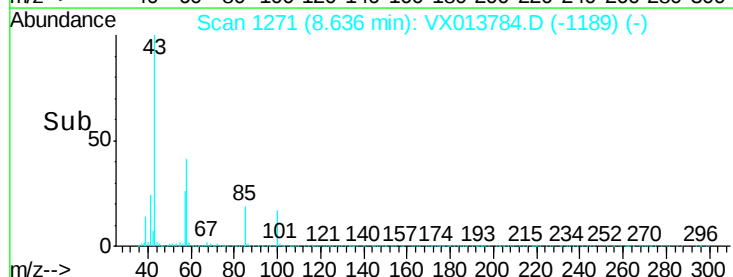
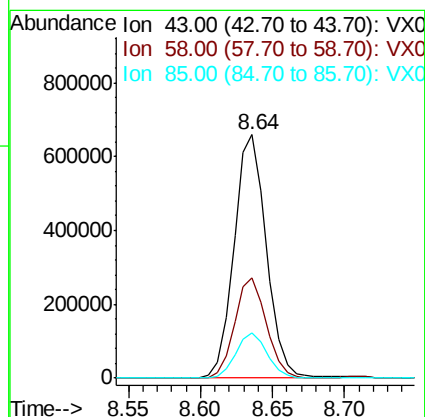
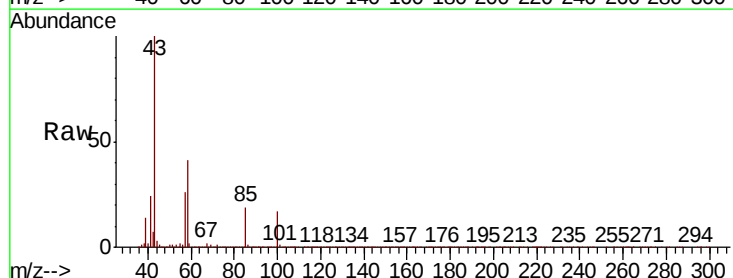
Manual Integrations
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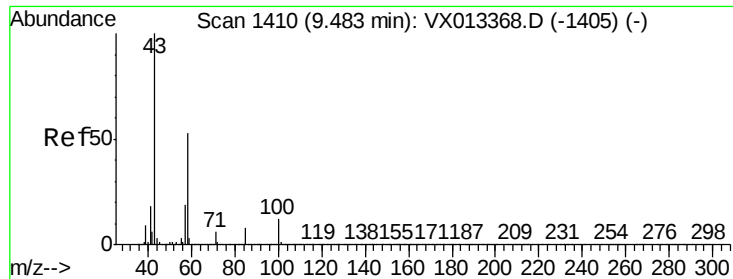
apatel
12/6/2019 11:37:37 AM



#58
4-Methyl-2-Pentanone
Concen: 87.865 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.6	47.4
85	18.2	14.2	21.2





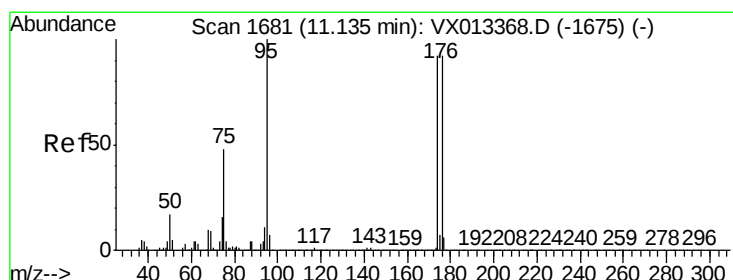
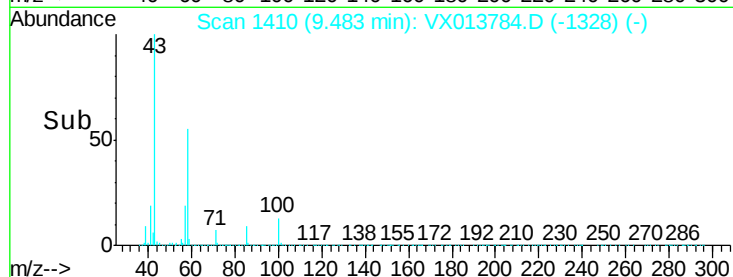
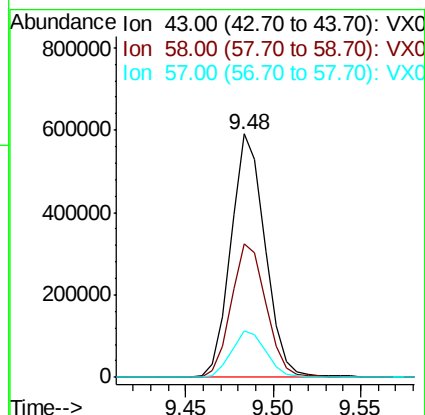
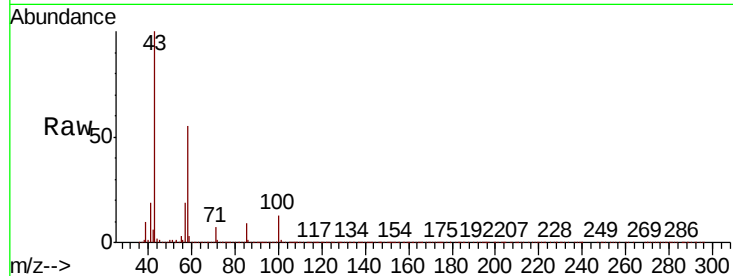
#59
2-Hexanone
Concen: 86.625 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.8	65.6
57	19.3	15.1	22.7

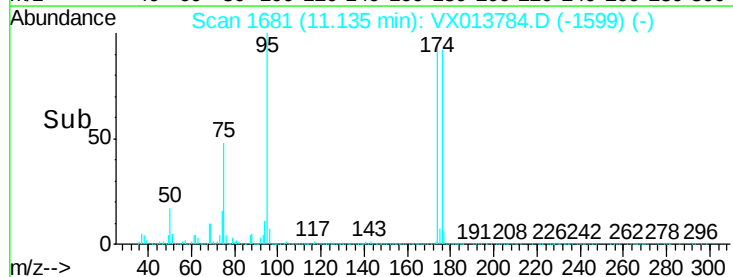
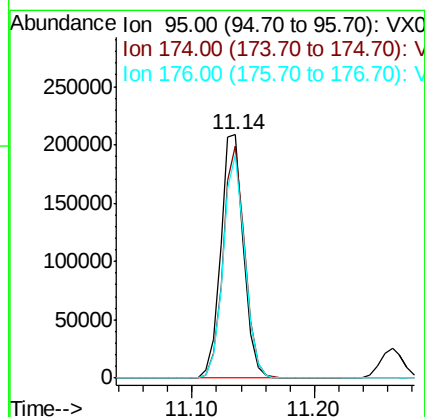
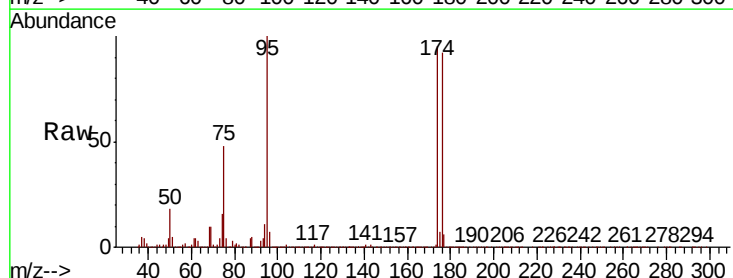
Manual Integrations
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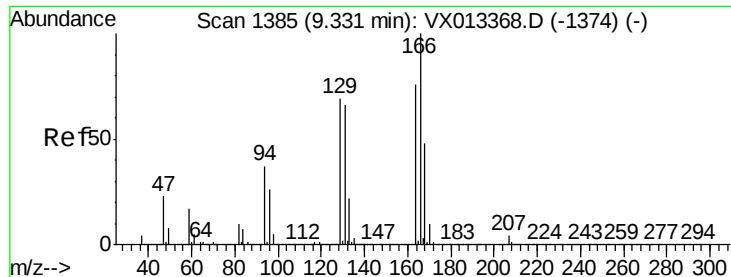
apatel
12/6/2019 11:37:37 AM



#60
4-Bromofluorobenzene
Concen: 29.873 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	70.2	105.2
176	87.3	68.3	102.5





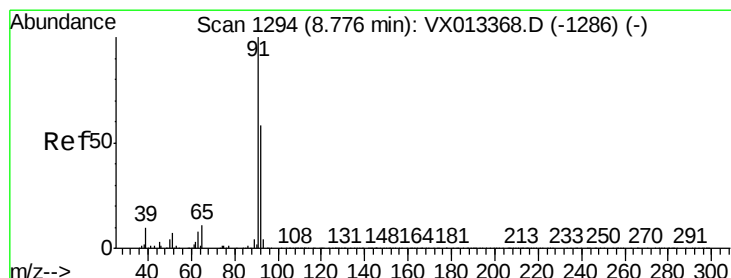
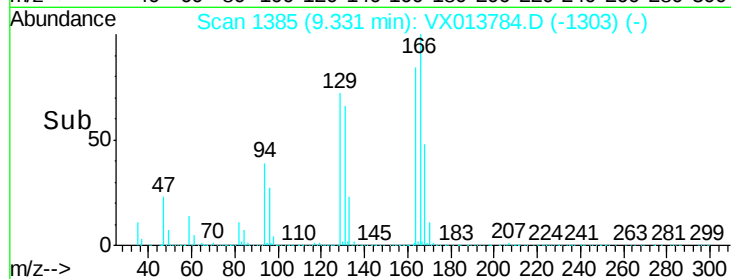
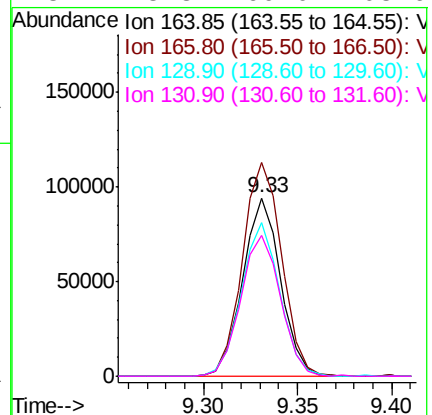
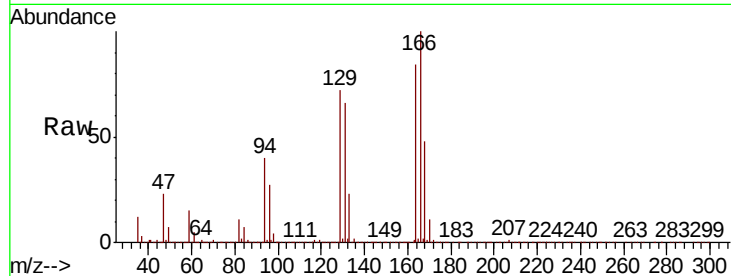
#61
Tetrachloroethene
Concen: 18.972 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	119.5	104.9	157.3
129	85.5	72.3	108.5
131	78.3	69.0	103.6

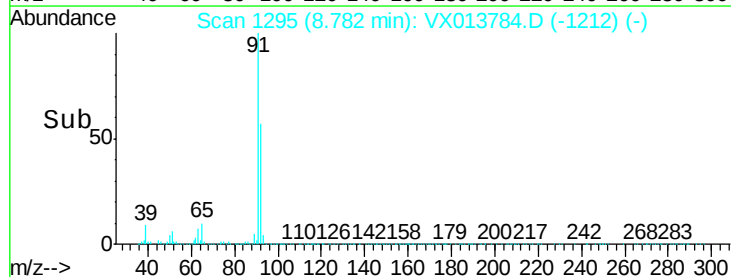
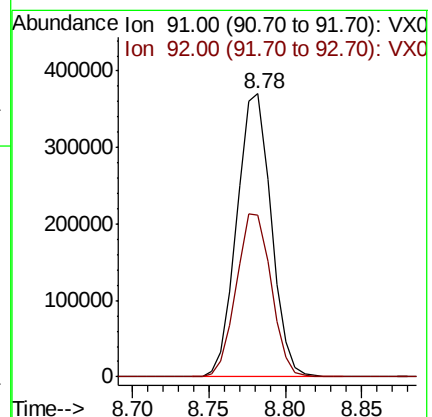
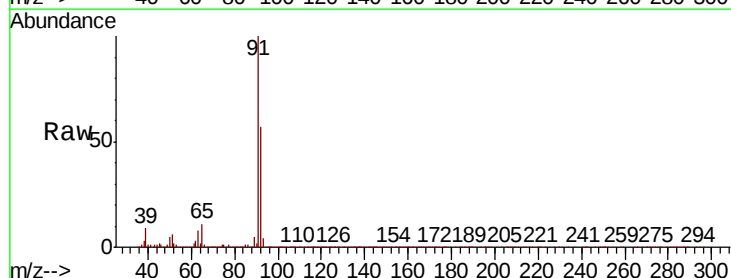
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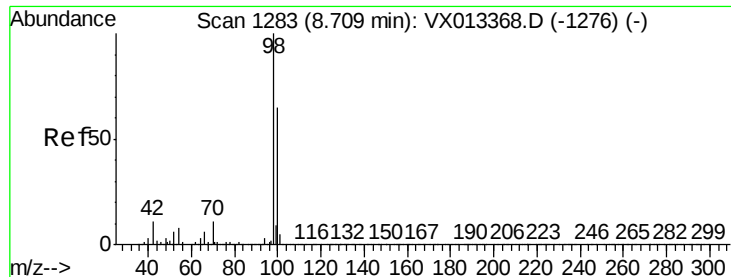
apatel
12/6/2019 11:37:37 AM



#62
Toluene
Concen: 18.479 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.6	69.8





#63

Toluene-d8

Concen: 29.579 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 750232

Ion Ratio Lower Upper

98 100

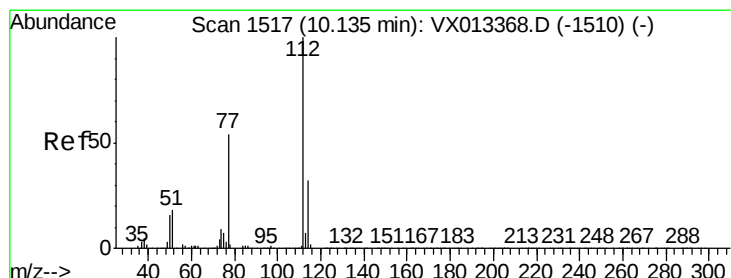
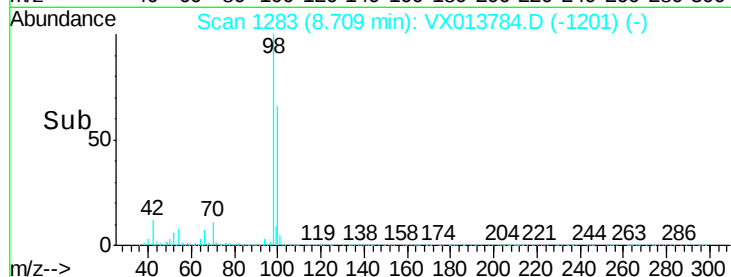
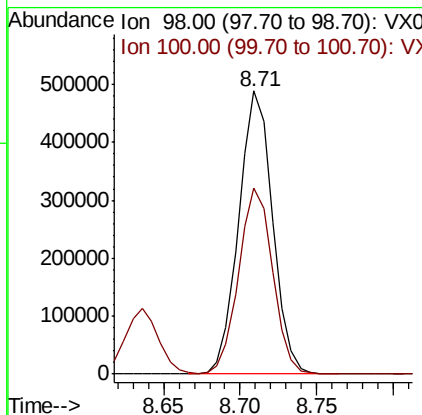
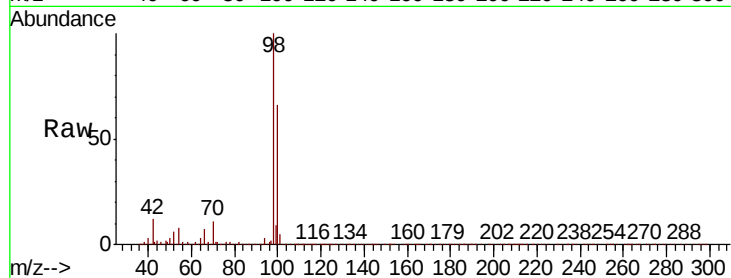
100 65.6 52.5 78.7

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#64

Chlorobenzene

Concen: 18.575 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013784.D

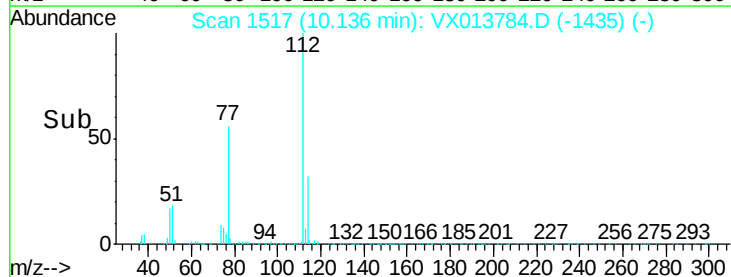
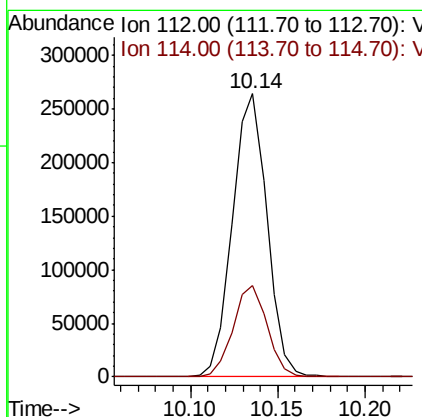
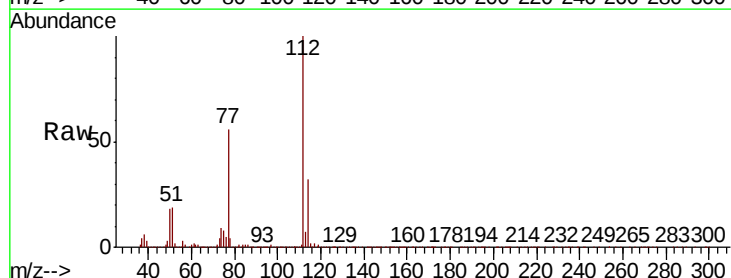
Acq: 05 Dec 2019 18:47

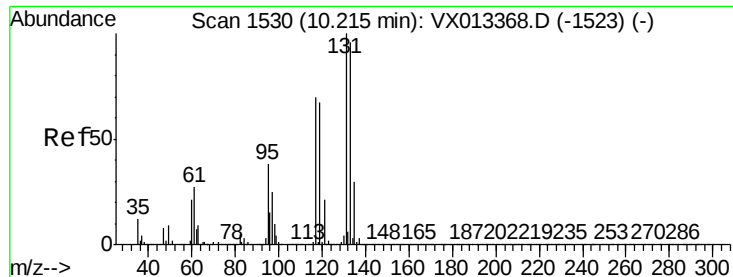
Tgt Ion: 112 Resp: 362866

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5





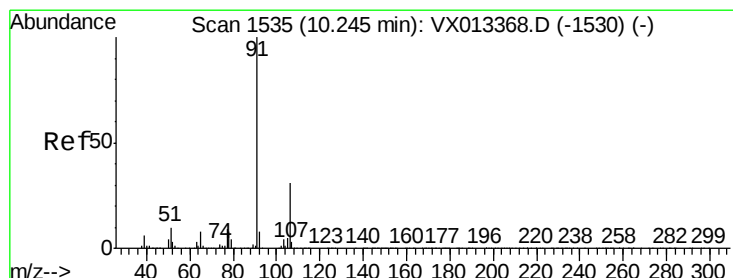
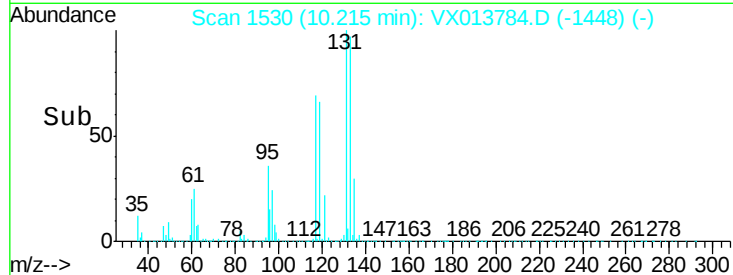
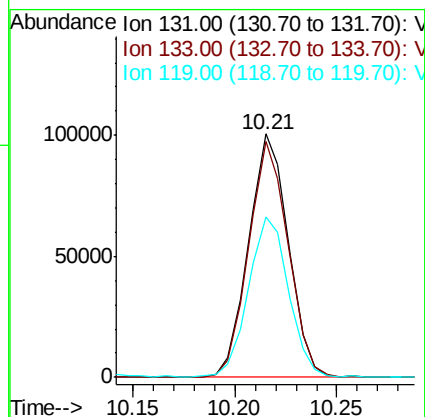
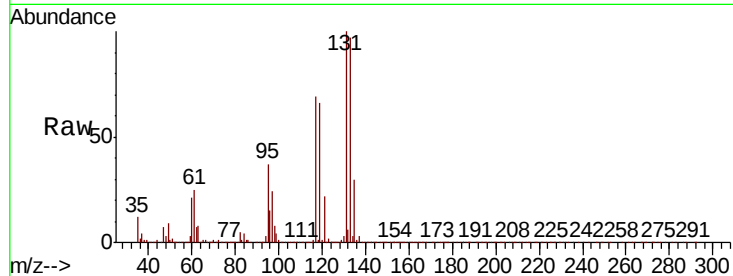
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.652 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
131	100	136391		
133	96.1	0.0	192.2	
119	66.0	0.0	134.4	

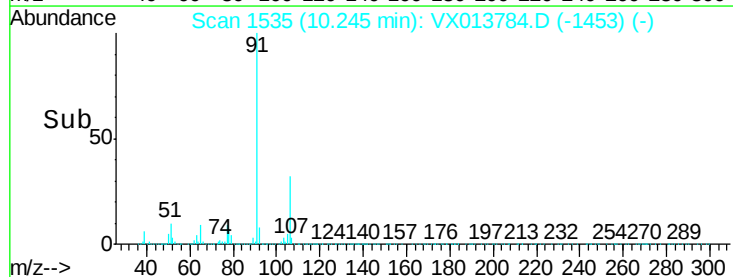
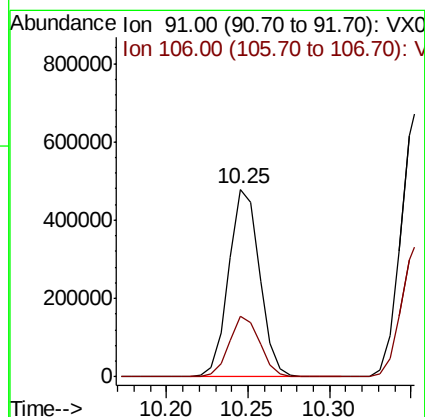
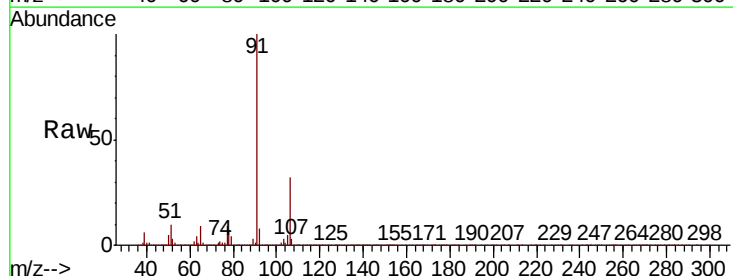
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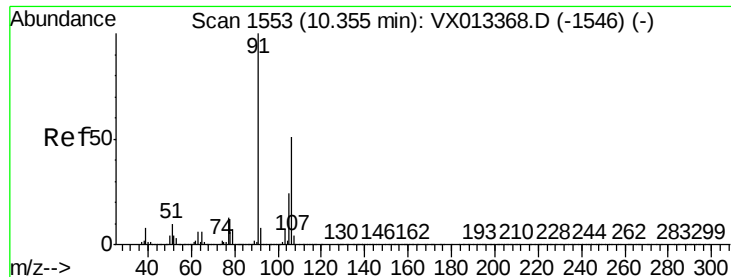
apatel
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#66
 Ethyl Benzene
 Concen: 18.384 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	630998		
106	32.3	25.0	37.4	





#67

m/p-Xylenes

Concen: 36.667 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 485469

Ion Ratio Lower Upper

106 100

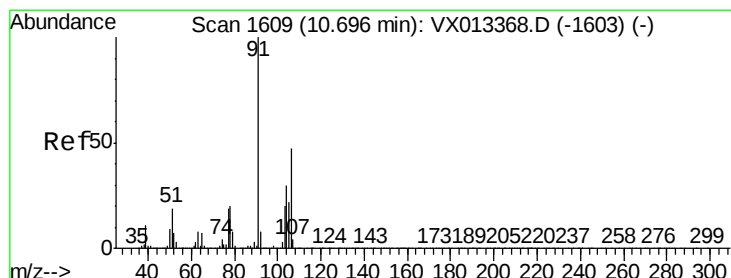
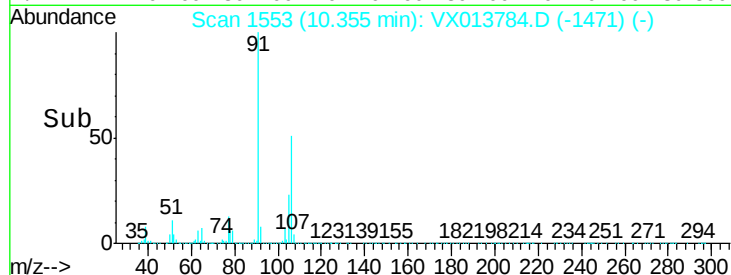
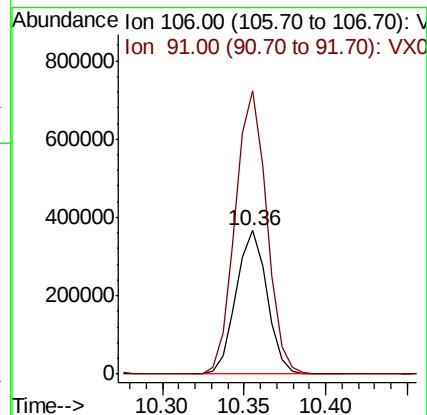
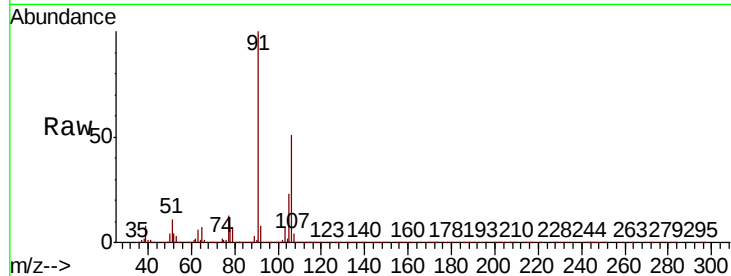
91 200.0 158.4 237.6

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#68

o-Xylene

Concen: 18.632 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013784.D

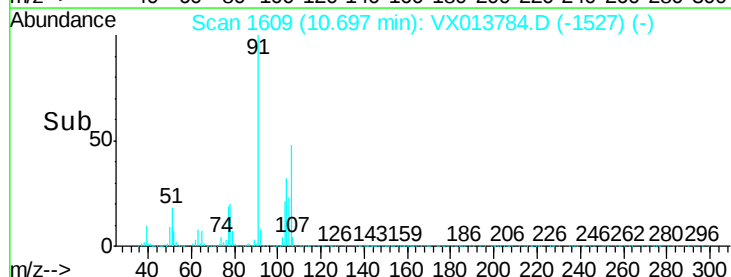
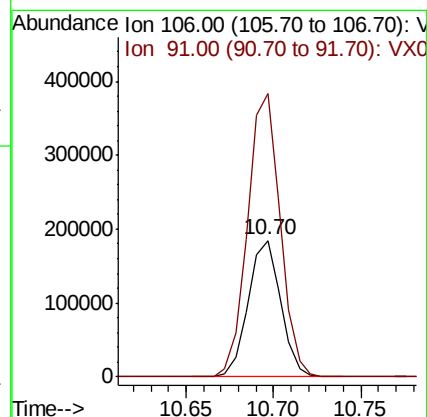
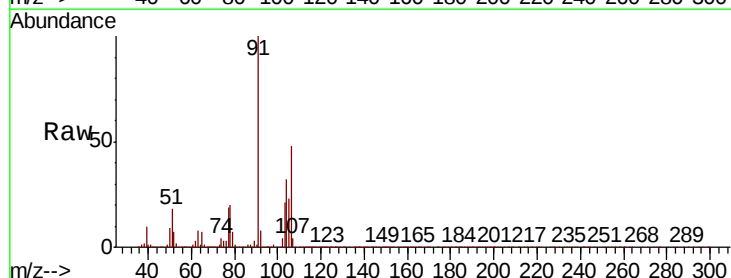
Acq: 05 Dec 2019 18:47

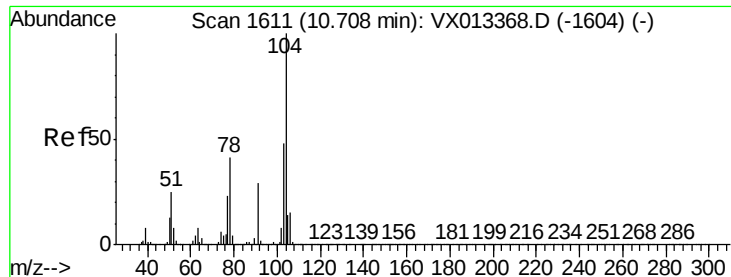
Tgt Ion:106 Resp: 238074

Ion Ratio Lower Upper

106 100

91 208.2 106.4 319.2





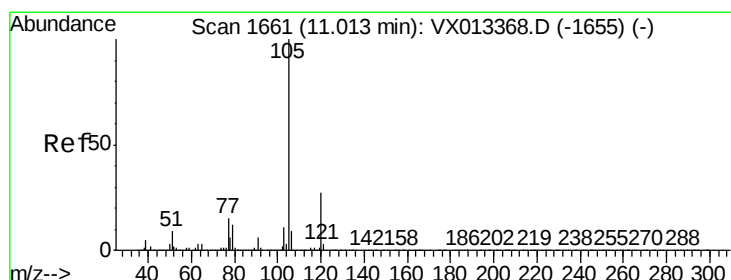
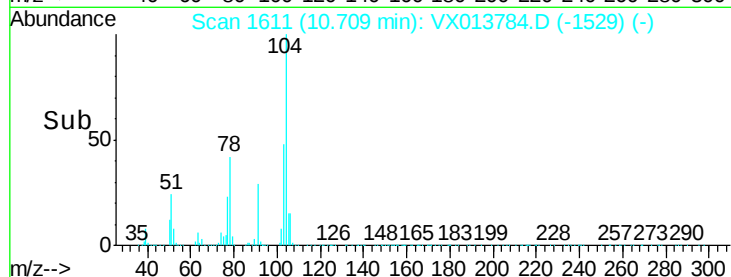
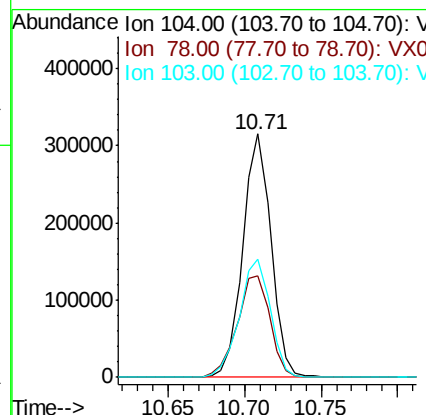
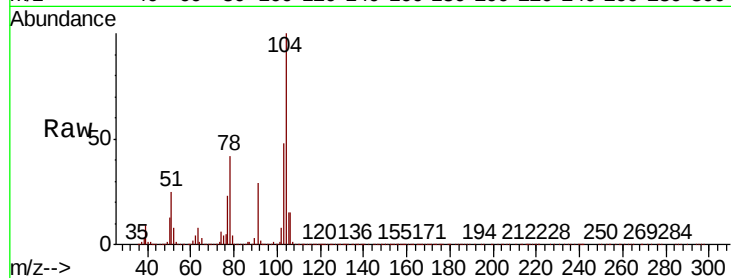
#69
Stvrene
Concen: 18.465 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.2	57.4
103	53.9	43.2	64.8

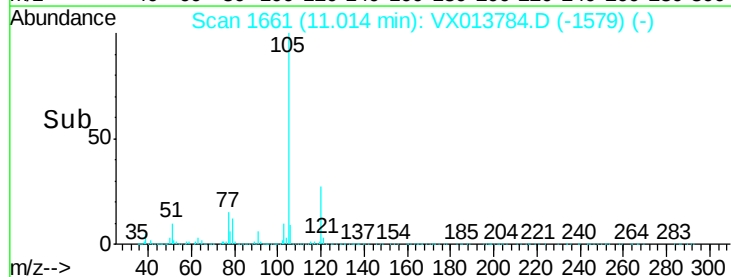
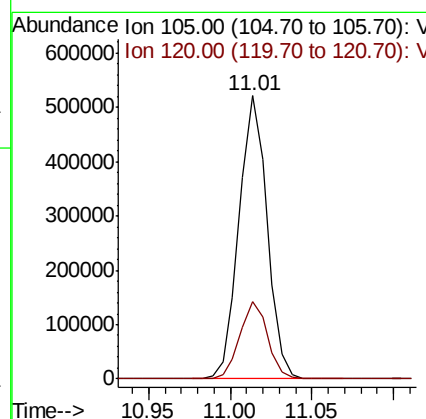
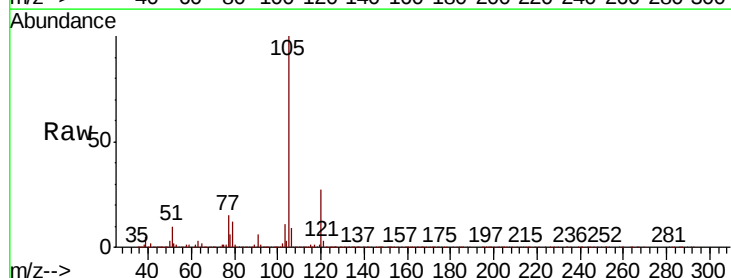
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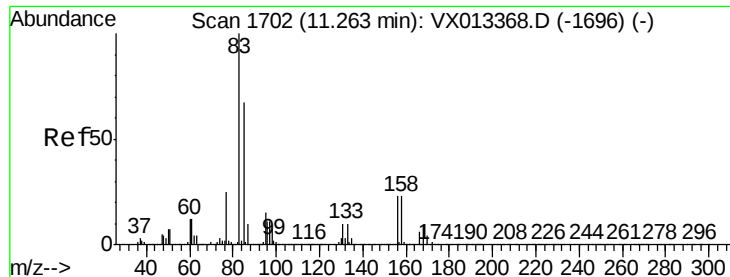
apatel
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#70
Isopropylbenzene
Concen: 18.605 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.103 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

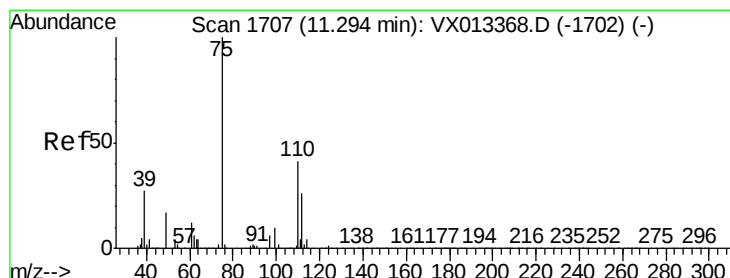
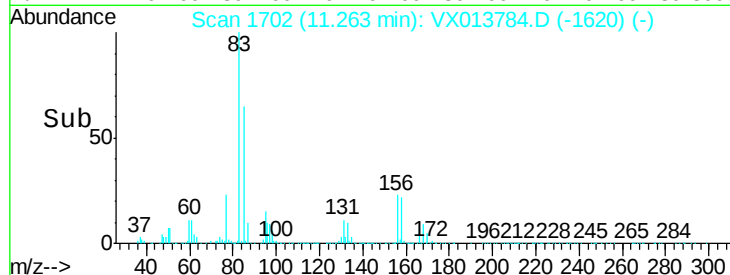
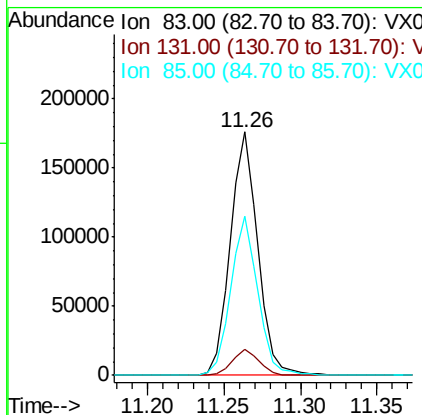
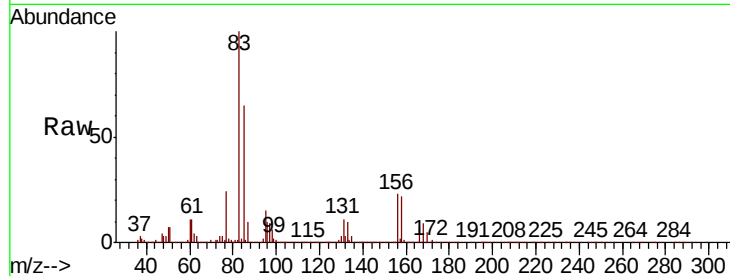
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	218246
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.7	14.1
85	64.6	32.6	97.7

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#72

1,2,3-Trichloropropane

Concen: 17.090 ug/l m

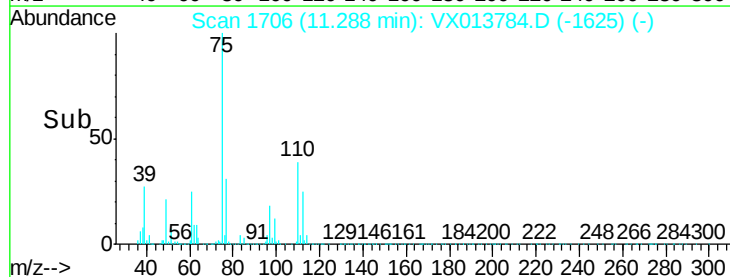
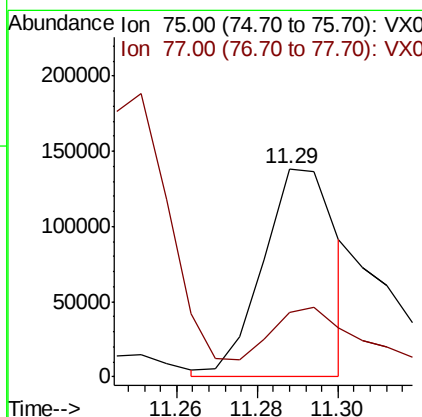
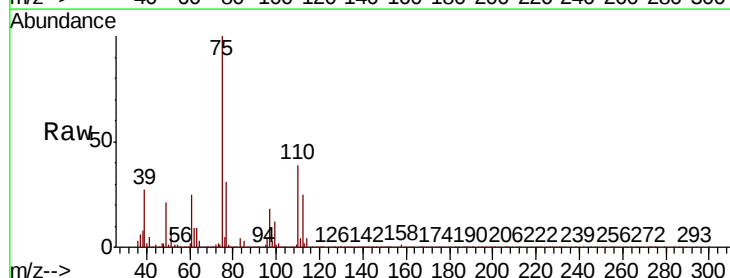
RT: 11.29 min Scan# 1706

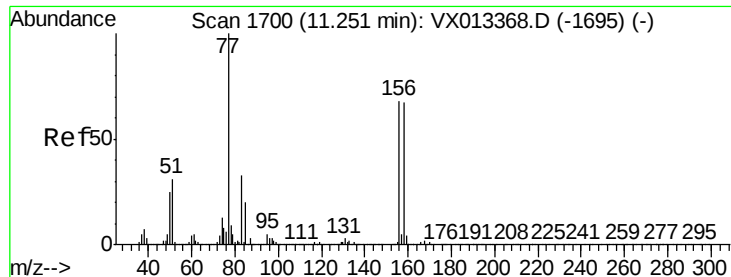
Delta R.T. -0.01 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	75	Resp:	173966
Ion Ratio	Lower	Upper	
75	100		
77	43.5	0.0	86.2





#73

Bromobenzene

Concen: 18.508 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

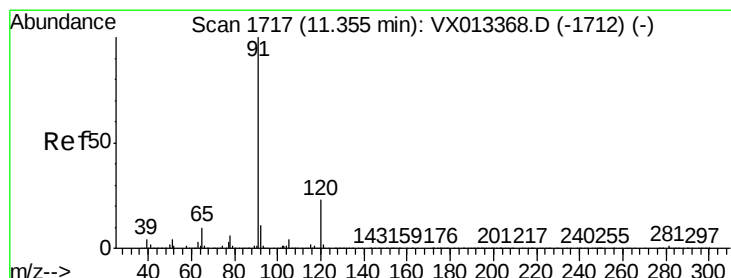
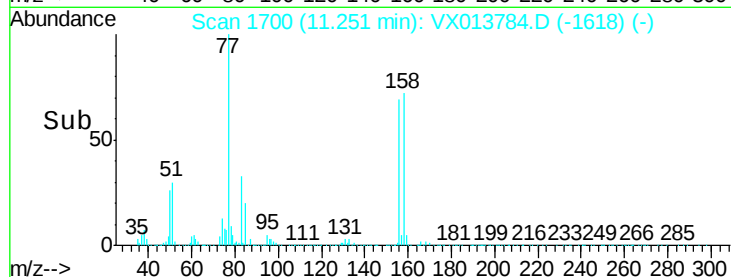
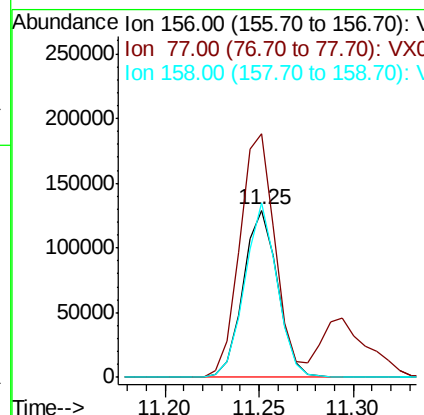
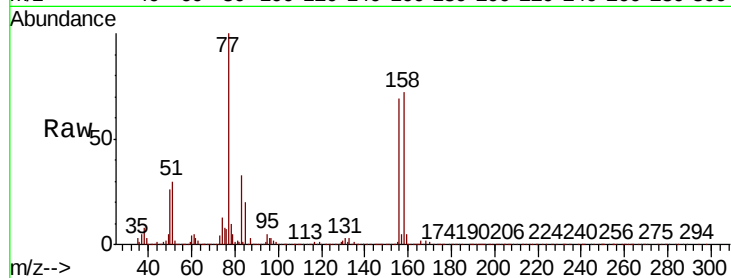
ClientSampled :

VSTDCCC020EC

Tot Ion:	156	Resp:	164336
Ion Ratio	Lower	Upper	
156	100		
77	150.2	0.0	308.8
158	98.5	0.0	197.0

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#74

n-propylbenzene

Concen: 18.558 ug/l

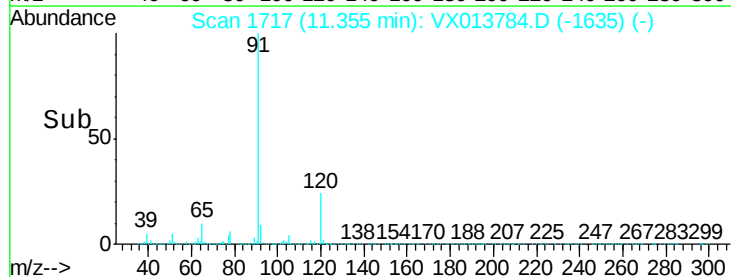
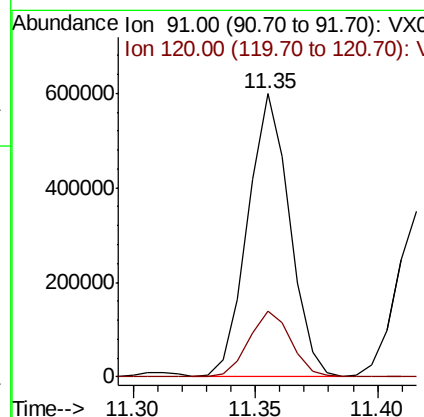
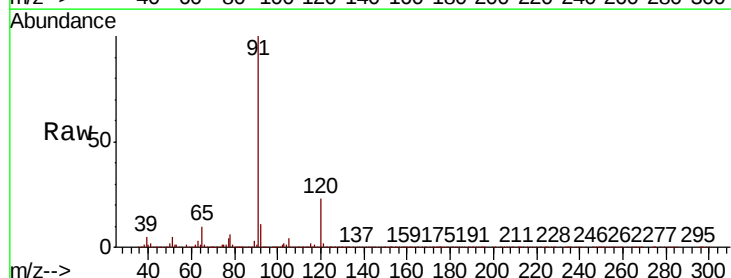
RT: 11.35 min Scan# 1717

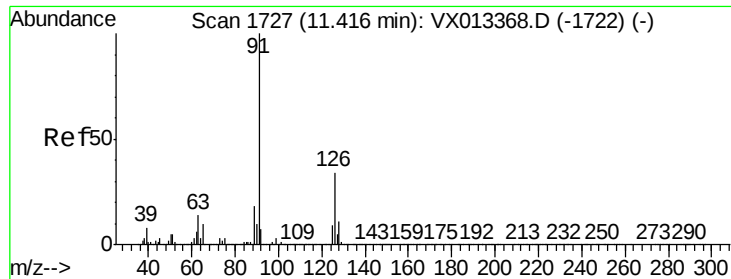
Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	91	Resp:	710082
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.2





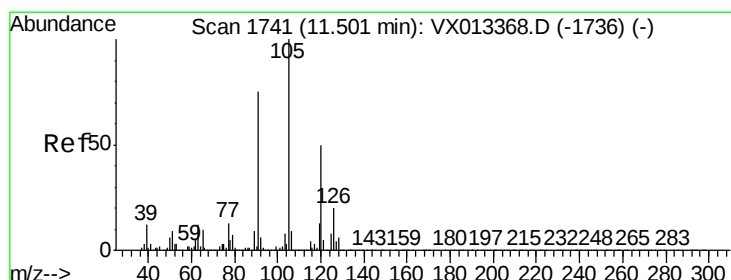
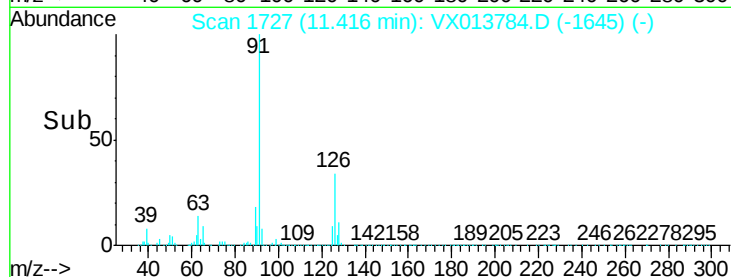
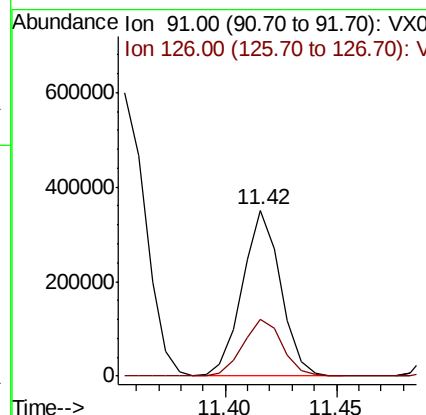
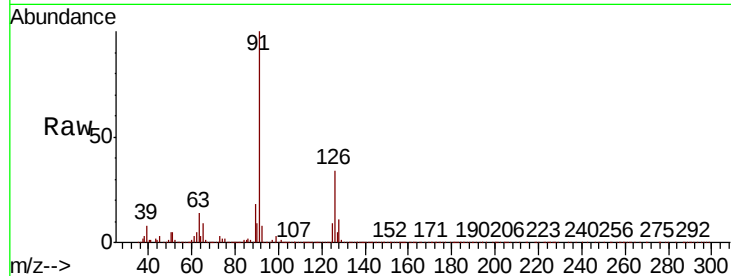
#75
 2-Chlorotoluene
 Concen: 18.415 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 91 Resp: 419003
 Ion Ratio Lower Upper
 91 100
 126 35.2 0.0 69.0

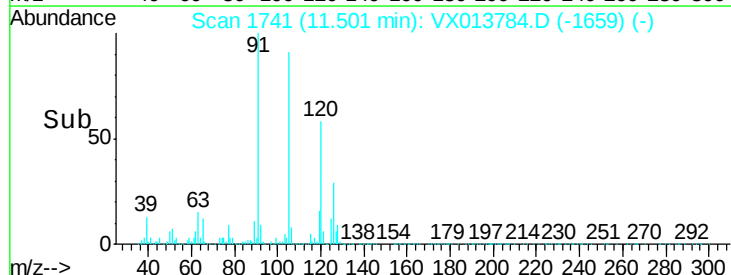
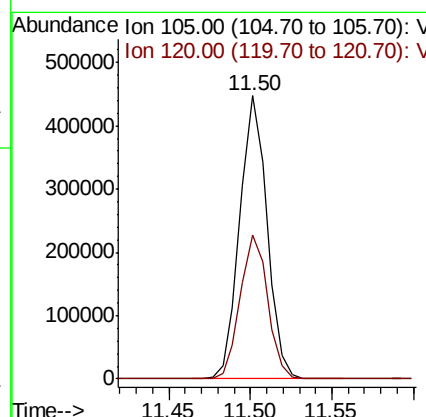
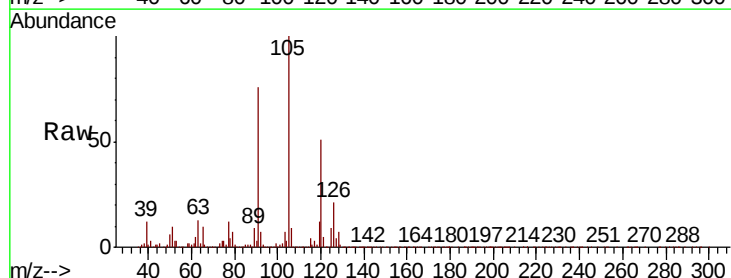
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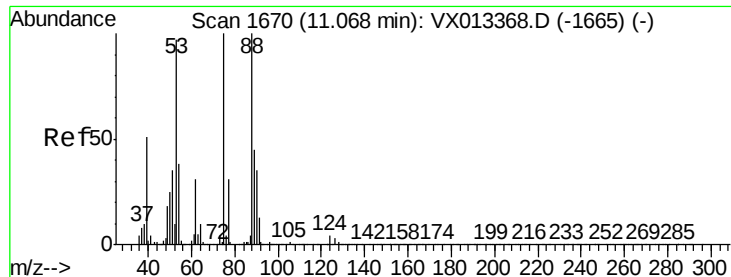
apatel
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#76
 1,3,5-Trimethylbenzene
 Concen: 18.398 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion: 105 Resp: 520680
 Ion Ratio Lower Upper
 105 100
 120 51.5 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.431 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

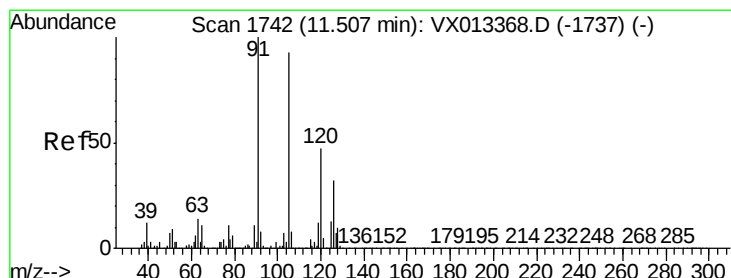
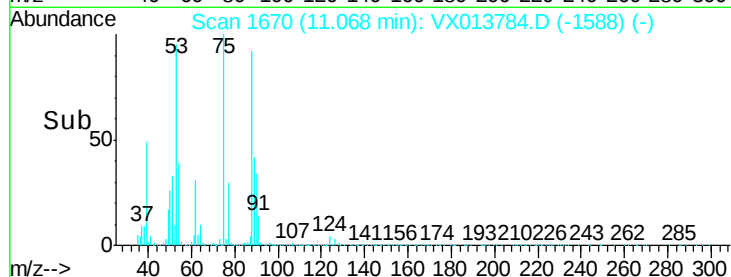
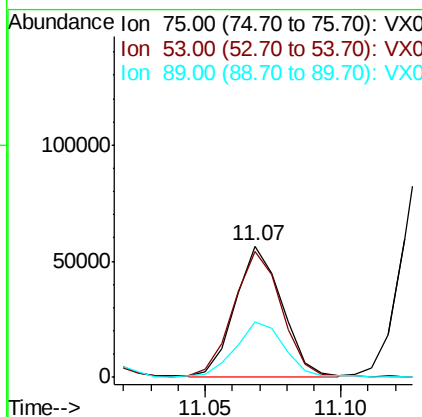
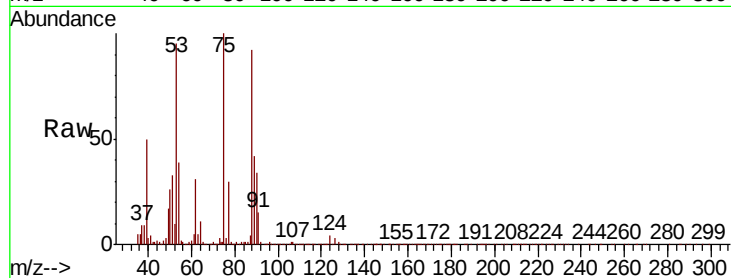
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	67628
Ion	Ratio	Lower	Upper
75	100		
53	95.1	48.8	146.3
89	41.7	22.3	66.8

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#78

4-Chlorotoluene

Concen: 18.338 ug/l

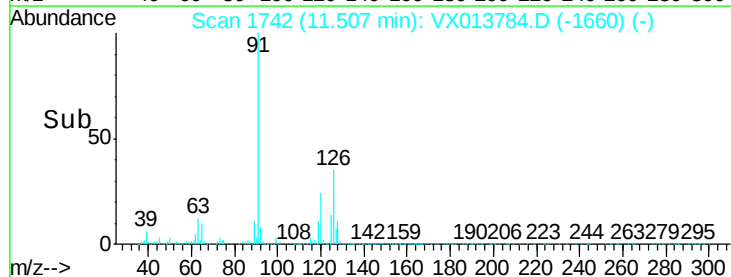
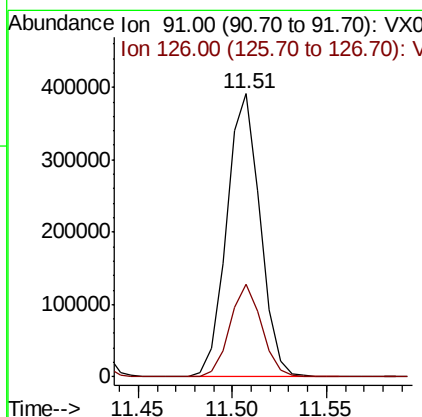
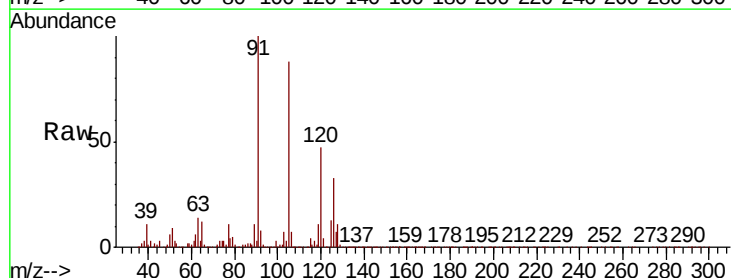
RT: 11.51 min Scan# 1742

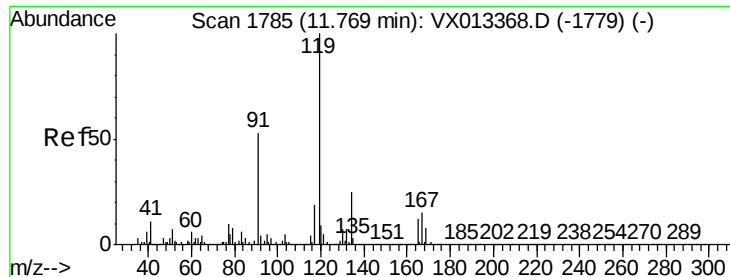
Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	91	Resp:	478057
Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	61.0





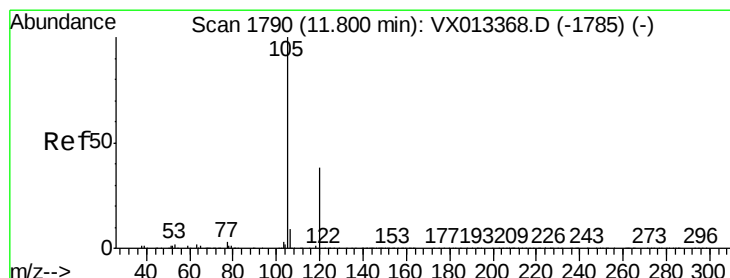
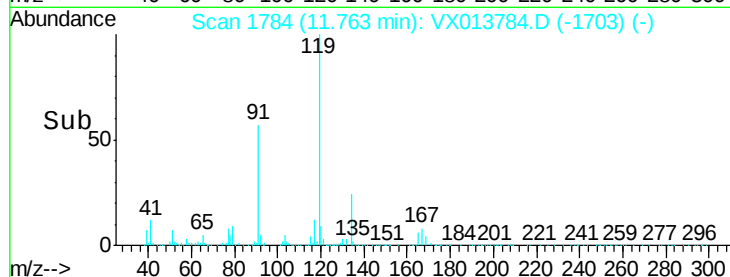
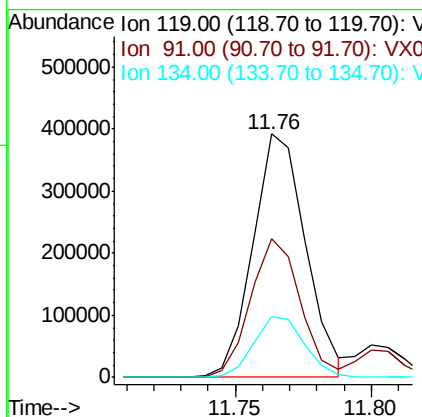
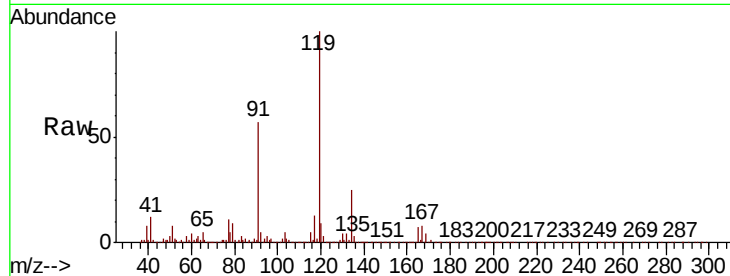
#79
tert-butylbenzene
Concen: 18.375 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	524692		
91	54.1	0.0	109.6	
134	24.2	0.0	47.8	

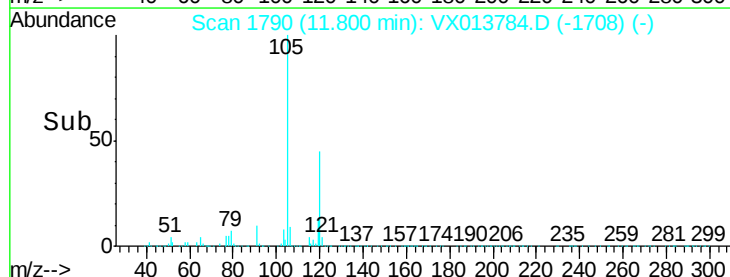
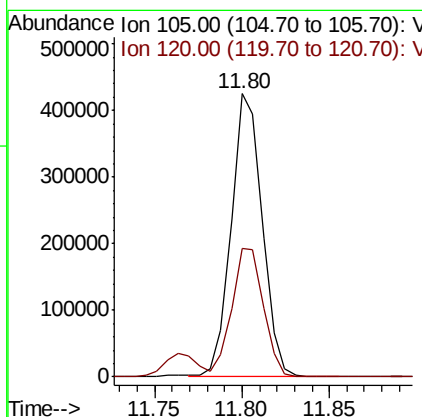
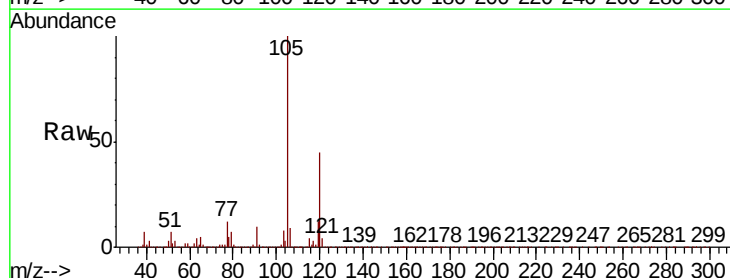
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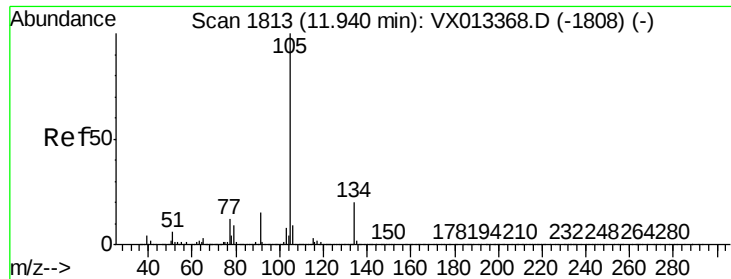
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 18.529 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	522556		
120	46.4	0.0	94.0	





#81

sec-Butylbenzene

Concen: 18.434 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 600570

Ion Ratio Lower Upper

105 100

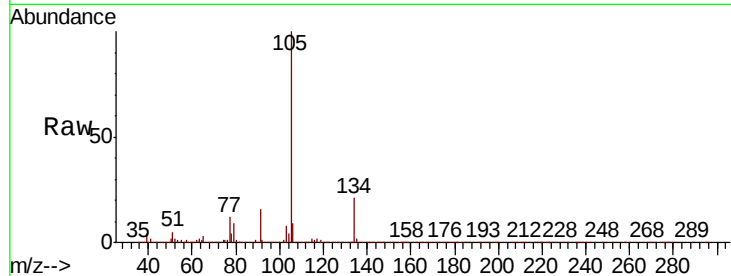
134 20.9 0.0 41.2

Manual Integrations

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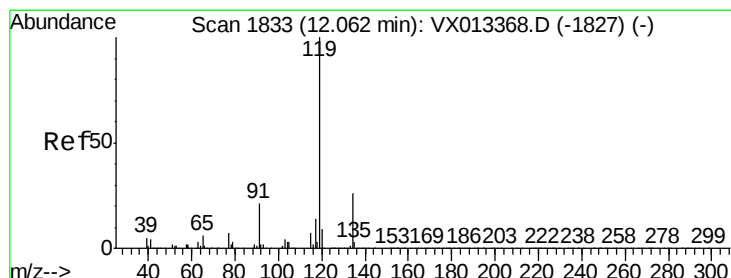
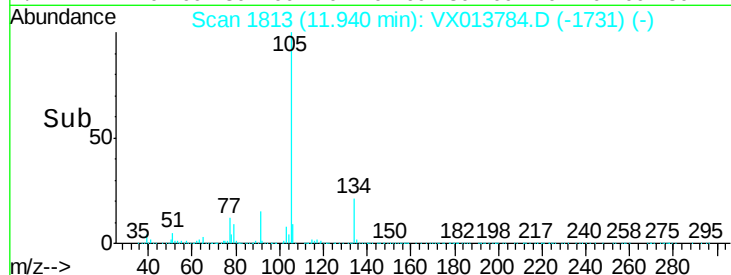
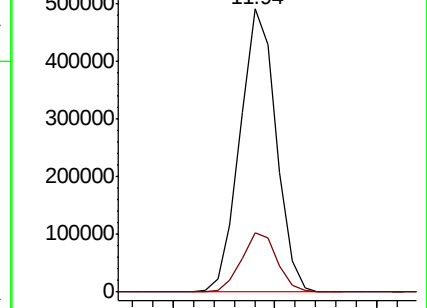
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.474 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

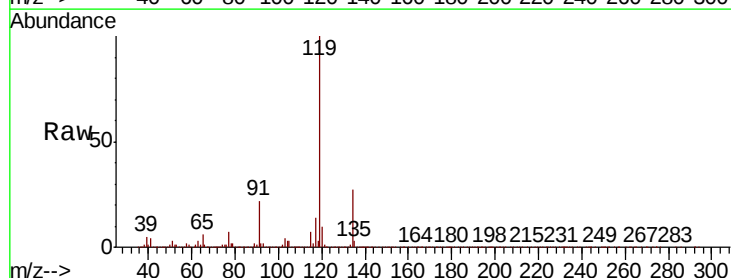
Tgt Ion:119 Resp: 554541

Ion Ratio Lower Upper

119 100

134 26.3 0.0 51.6

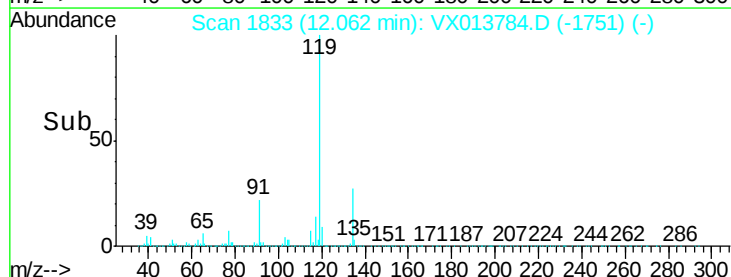
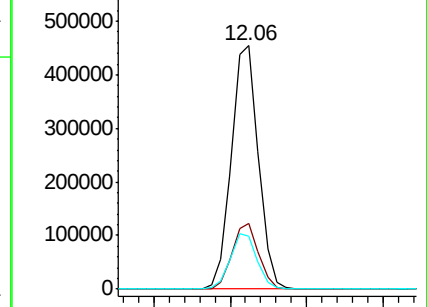
91 22.4 0.0 44.2

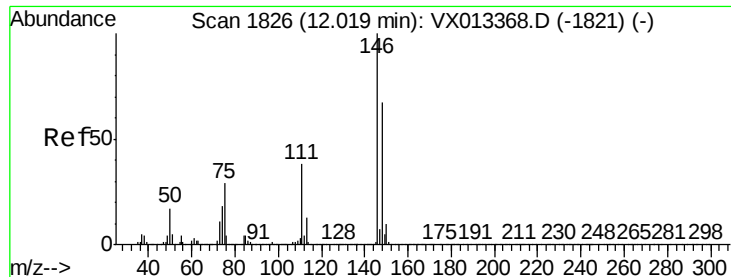


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





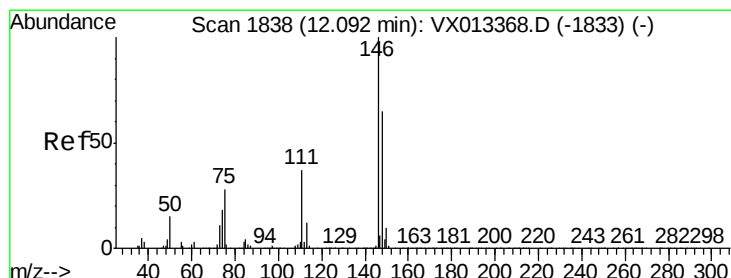
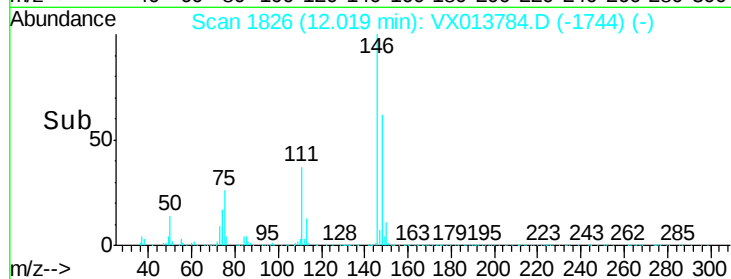
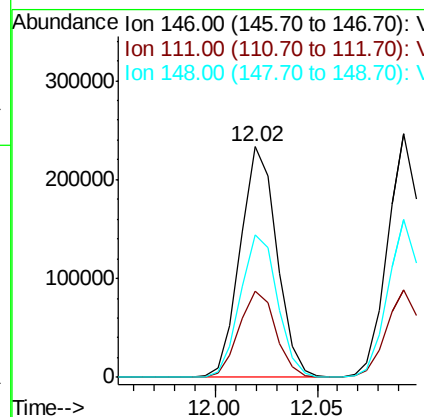
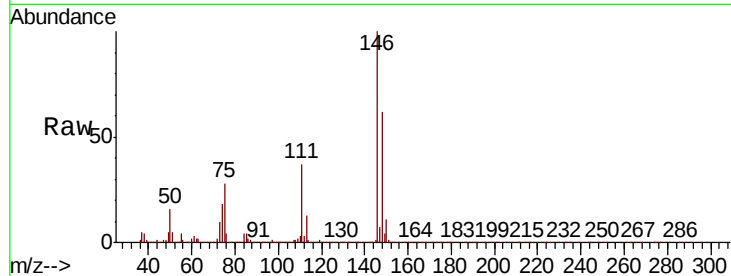
#83
1,3-Dichlorobenzene
Concen: 18.498 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	63.4	32.3	96.9

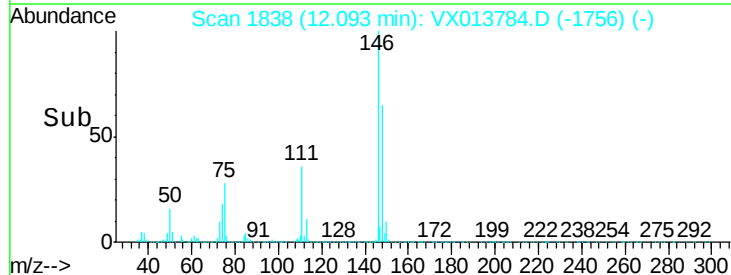
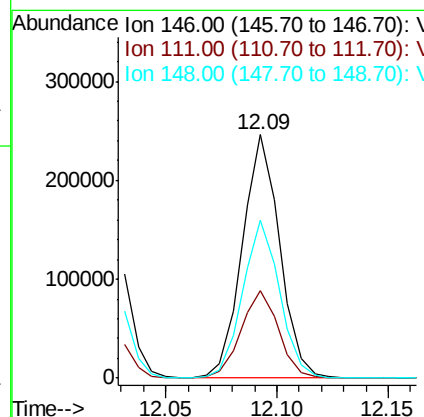
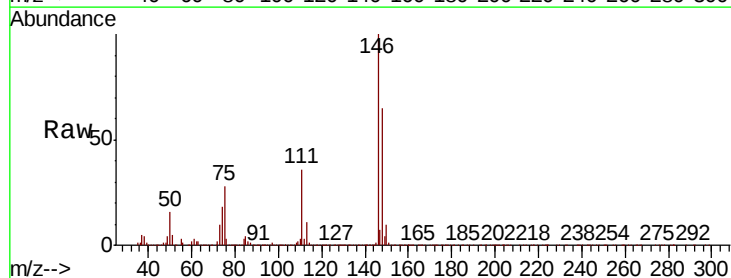
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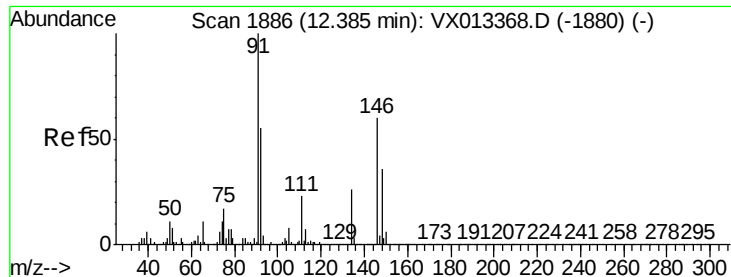
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#84
1,4-Dichlorobenzene
Concen: 18.469 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	64.6	32.5	97.4





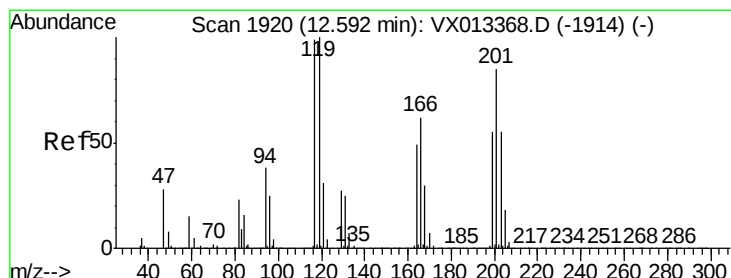
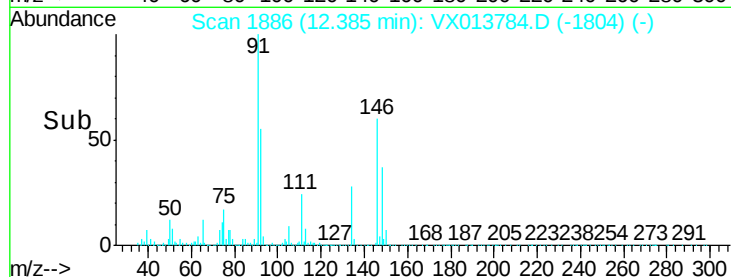
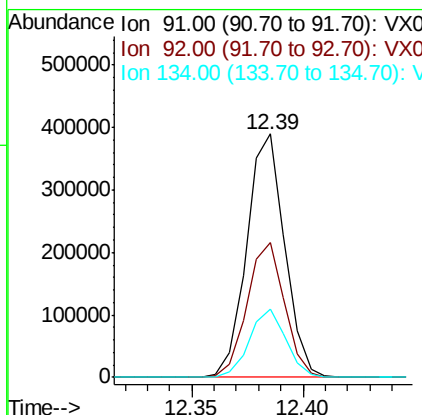
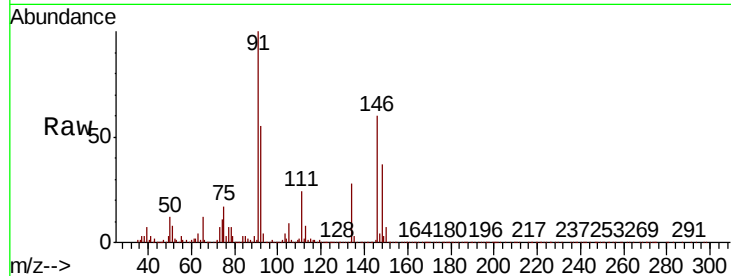
#85
n-Butylbenzene
Concen: 17.848 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	462362		
92	54.8	0.0	109.0	
134	27.3	0.0	53.0	

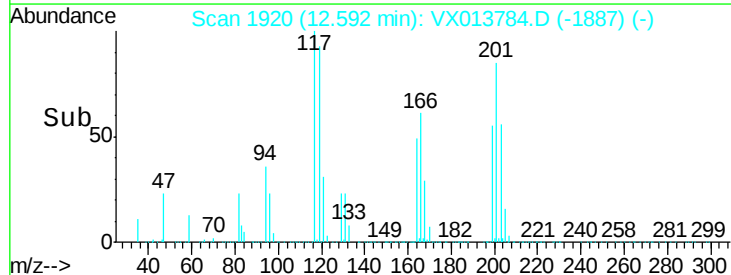
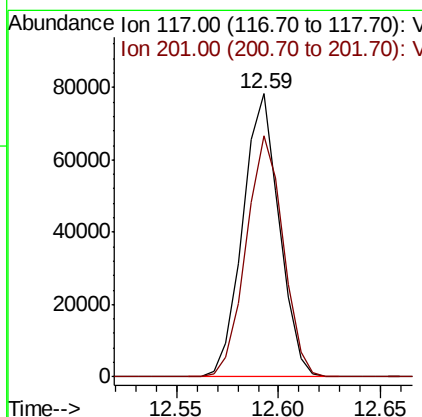
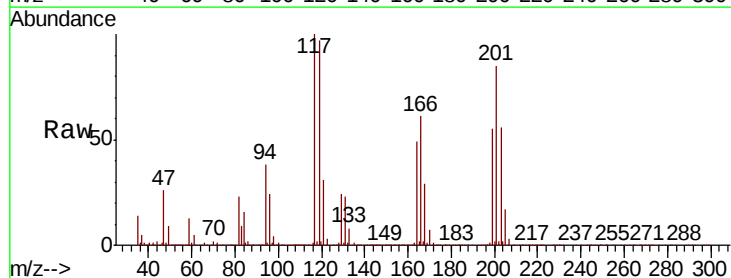
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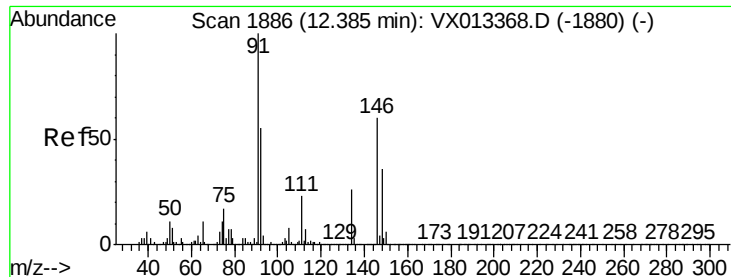
apatel
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#86
Hexachloroethane
Concen: 17.612 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97011		
201	87.1	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 18.322 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Instrument :

MSVOA_X

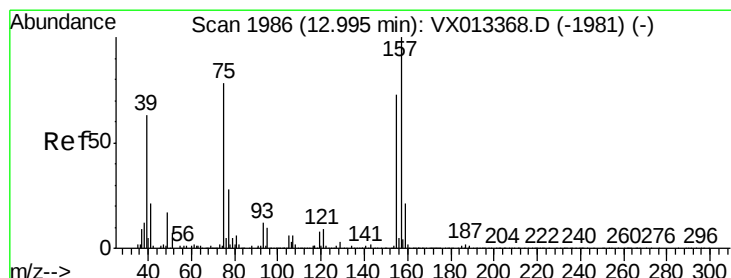
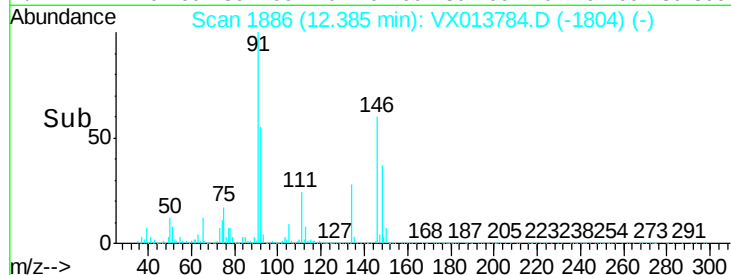
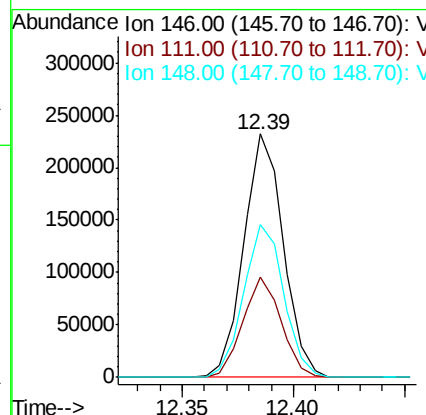
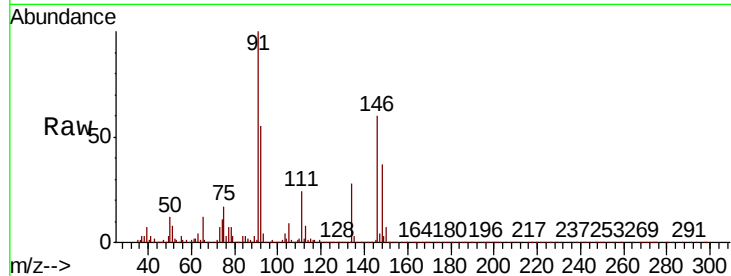
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	286009
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.6	58.7
148	64.5	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.479 ug/l

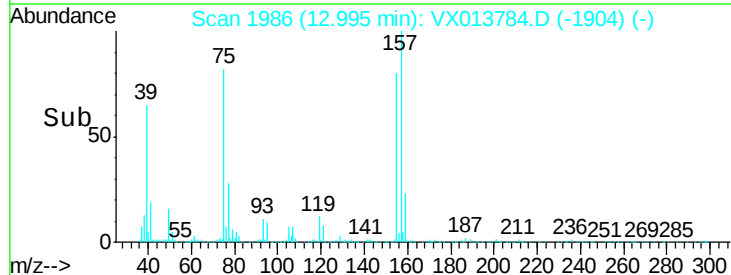
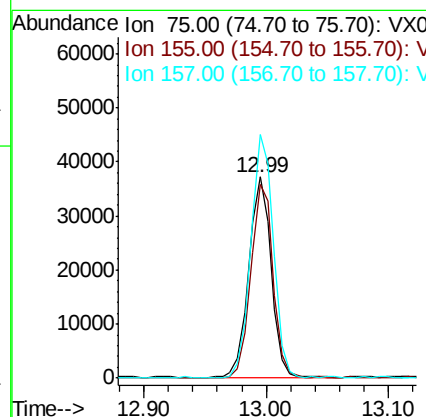
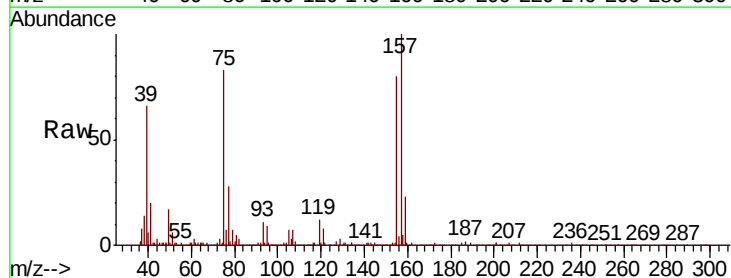
RT: 12.99 min Scan# 1986

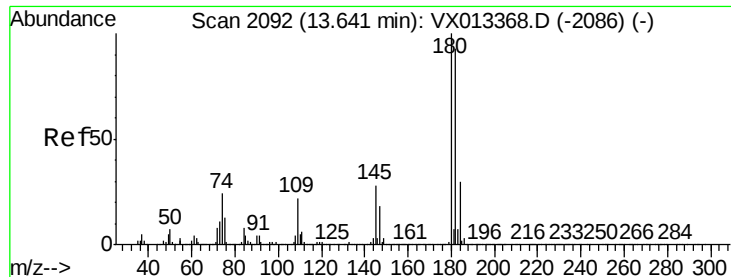
Delta R.T. 0.00 min

Lab File: VX013784.D

Acq: 05 Dec 2019 18:47

Tgt Ion:	75	Resp:	47125
Ion Ratio	Lower	Upper	
75	100		
155	94.9	76.9	115.3
157	121.9	101.2	151.8





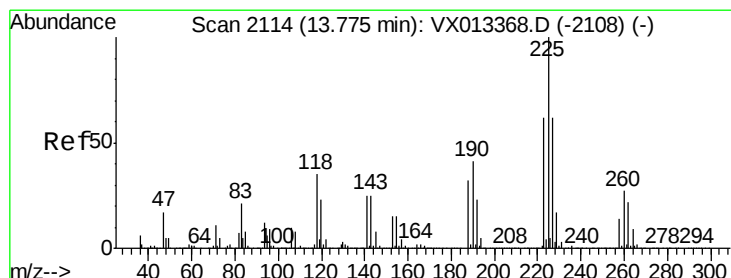
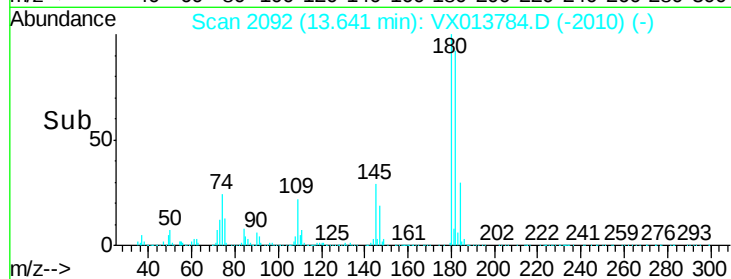
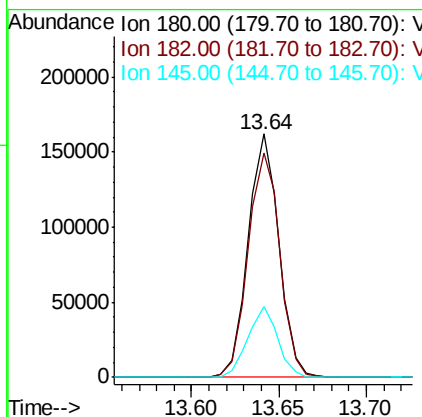
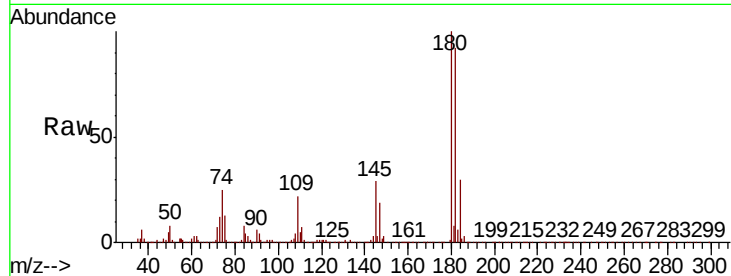
#89
 1,2,4-Trichlorobenzene
 Concen: 18.360 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.7	112.1
145	28.2	22.1	33.1

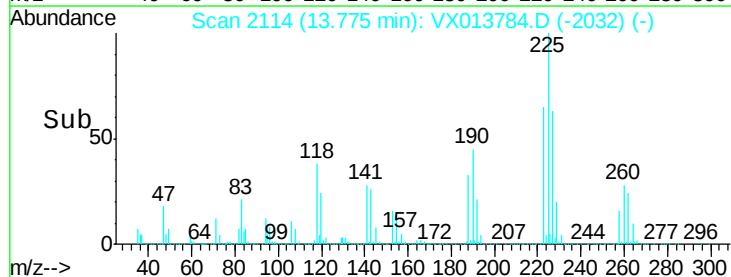
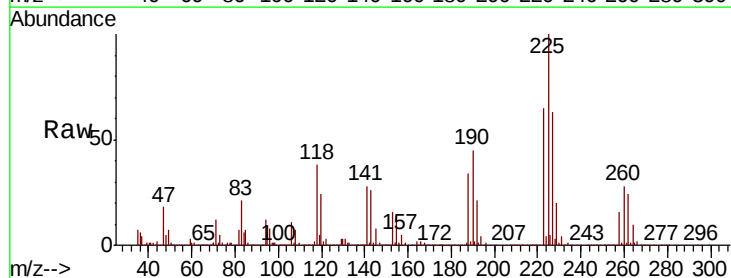
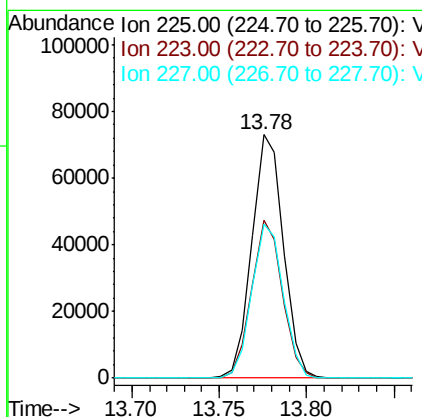
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#90
 Hexachlorobutadiene
 Concen: 17.797 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013784.D
 Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	123.0
227	62.5	0.0	121.8





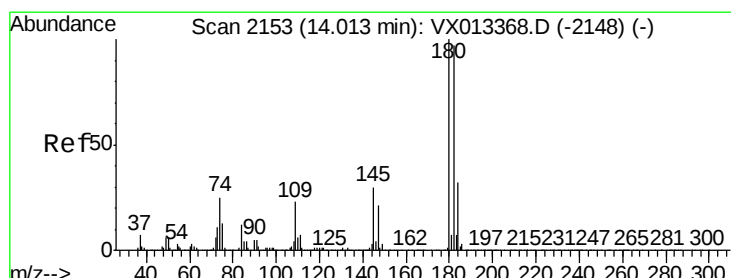
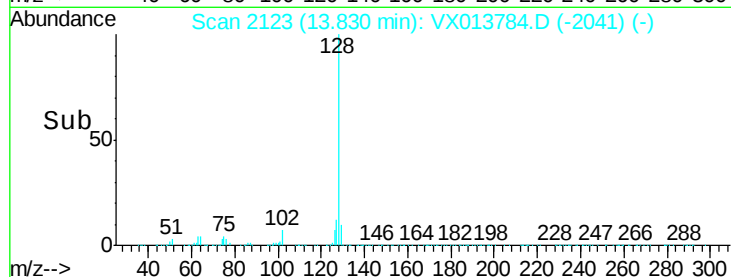
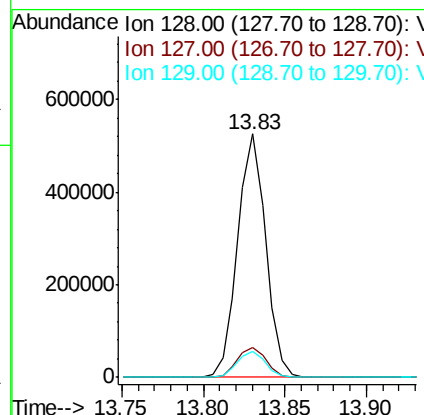
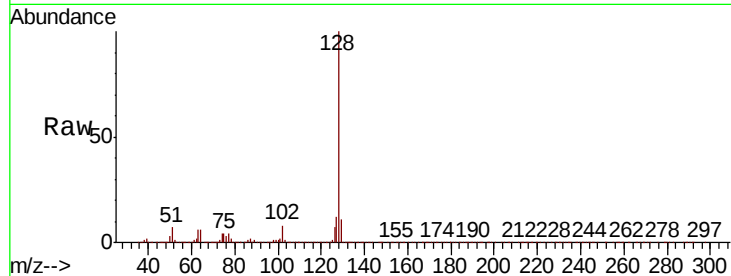
#91
Naphthalene
Concen: 18.521 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 18.816 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013784.D
Acq: 05 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	29.5	0.0	59.0

