

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
 Data File : VX0137840.D
 Acq On : 07 Dec 2019 14:56
 Operator : JC/SP
 Sample : VX1207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
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 12/9/2019 2:07:29 PM

Quant Time: Dec 09 02:46:01 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	5.00	128	100745	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	556230	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	497615	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	214243	28.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.00%
60) 4-Bromofluorobenzene	11.13	95	239613	29.96	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.87%
63) Toluene-d8	8.71	98	668196	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	148895	19.725	ug/l 97
3) Chloromethane	1.32	50	160432	19.501	ug/l 98
4) Vinyl Chloride	1.40	62	182217	19.493	ug/l 99
5) Bromomethane	1.63	94	101407	18.045	ug/l 99
6) Chloroethane	1.72	64	105482	20.528	ug/l 99
7) Trichlorofluoromethane	1.92	101	194945	19.372	ug/l 97
8) Diethyl Ether	2.18	74	95006	20.676	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122717	20.268	ug/l 99
10) 1,1-Dichloroethene	2.36	96	119733	19.244	ug/l 97
11) Methyl Iodide	2.50	142	139966	18.218	ug/l 100
12) Methyl Acetate	2.76	43	217029	19.906	ug/l 99
13) Acrolein	2.28	56	103783	89.614	ug/l 98
14) Acrylonitrile	3.13	53	380114	94.810	ug/l 98
15) Acetone	2.43	58	116030	95.556	ug/l 100
16) Carbon Disulfide	2.56	76	317622	18.302	ug/l 100
17) Allyl chloride	2.72	41	218636	19.081	ug/l 95
18) Methylene Chloride	2.84	84	146101	20.696	ug/l 100
19) trans-1,2-Dichloroethene	3.16	96	131385	19.758	ug/l 99
20) Diisopropyl ether	3.84	45	452948	20.547	ug/l 94
21) 1,1-Dichloroethane	3.68	63	240425	20.024	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	154902	20.432	ug/l 97
23) tert-Butyl Alcohol	3.02	59	172536	89.424	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	425613	20.668	ug/l 99
25) Chloroform	5.20	83	238086	20.258	ug/l 96
26) Cyclohexane	5.56	56	208701	19.141	ug/l # 5
29) 1,1-Dichloropropene	5.79	75	175260	20.629	ug/l 98
30) 2-Butanone	4.65	43	548894	97.882	ug/l # 98
31) 2,2-Dichloropropane	4.57	77	188602	20.498	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	193499	20.491	ug/l 99
33) Carbon Tetrachloride	5.77	117	166520	20.302	ug/l 99
34) Benzene	6.13	78	542497	21.052	ug/l 98
35) Methacrylonitrile	5.02	41	110521	19.736	ug/l 99
36) 1,2-Dichloroethane	6.18	62	195697	21.696	ug/l 99
37) Trichloroethene	7.20	130	145978	21.145	ug/l 98
38) Methylcyclohexane	7.45	83	215480	20.685	ug/l 98
39) 1,2-Dichloropropane	7.50	63	141348	21.214	ug/l 95
40) Dibromomethane	7.65	93	93730	21.137	ug/l 98

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Quant Time: Dec 09 02:46:01 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)
41) Bromodichloromethane	7.89	83	179806	20.772	ug/l	98
42) Vinyl Acetate	3.80	43	1859111	105.301	ug/l	99
43) Ethyl Acetate	4.81	43	195830	19.147	ug/l	95
44) Isopropyl Acetate	6.43	43	331698	20.176	ug/l	99
45) 1,4-Dioxane	7.73	88	66185	364.634	ug/l	97
46) Methyl methacrylate	7.76	41	165266	20.209	ug/l	100
47) n-amyl Acetate	10.89	43	283211	19.639	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	198778	20.479	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	223558	21.019	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	140878	21.469	ug/l	97
51) Ethyl methacrylate	9.17	69	224250	20.757	ug/l	99
52) 1,3-Dichloropropane	9.36	76	243264	21.686	ug/l	99
53) Dibromochloromethane	9.57	129	145323	20.896	ug/l	98
54) 1,2-Dibromoethane	9.67	107	149087	21.248	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	404331	87.588	ug/l	100
56) Bromoform	10.85	173	110874	20.033	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	1058627	101.837	ug/l	99
59) 2-Hexanone	9.48	43	812187	98.745	ug/l	100
61) Tetrachloroethene	9.33	164	134884	21.982	ug/l	97
62) Toluene	8.78	91	581417	20.976	ug/l	99
64) Chlorobenzene	10.13	112	368181	21.244	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	136892	21.101	ug/l	99
66) Ethyl Benzene	10.25	91	646027	21.215	ug/l	100
67) m/p-Xylenes	10.36	106	489505	41.673	ug/l	99
68) o-Xylene	10.70	106	241419	21.297	ug/l	98
69) Styrene	10.71	104	411288	21.247	ug/l	99
70) Isopropylbenzene	11.01	105	628714	21.048	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	219724	20.544	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	181381m	20.085	ug/l	
73) Bromobenzene	11.25	156	168118	21.342	ug/l	98
74) n-propylbenzene	11.35	91	721553	21.256	ug/l	100
75) 2-Chlorotoluene	11.42	91	430920	21.347	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	529930	21.106	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	68467	18.750	ug/l	96
78) 4-Chlorotoluene	11.51	91	489972	21.185	ug/l	100
79) tert-butylbenzene	11.76	119	518870	20.482	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	528426	21.120	ug/l	99
81) sec-Butylbenzene	11.94	105	616244	21.321	ug/l	100
82) p-Isopropyltoluene	12.06	119	554935	20.839	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	289132	20.877	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	292111	21.249	ug/l	99
85) n-Butylbenzene	12.39	91	474543	20.647	ug/l	99
86) Hexachloroethane	12.59	117	98529	20.163	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	290426	20.971	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	45795	19.146	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	197765	20.711	ug/l	99
90) Hexachlorobutadiene	13.78	225	94498	20.652	ug/l	96
91) Naphthalene	13.83	128	595050	19.682	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	198835	20.605	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :

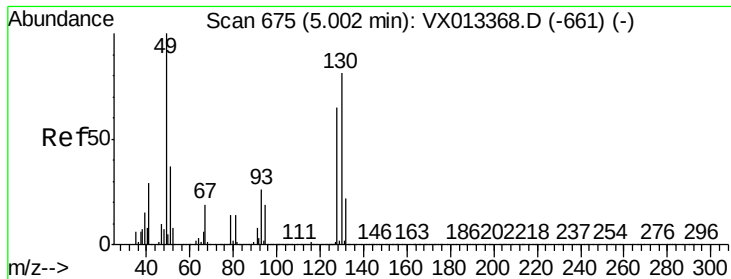
Manual Integrations
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Quant Time: Dec 09 02:46:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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



#1

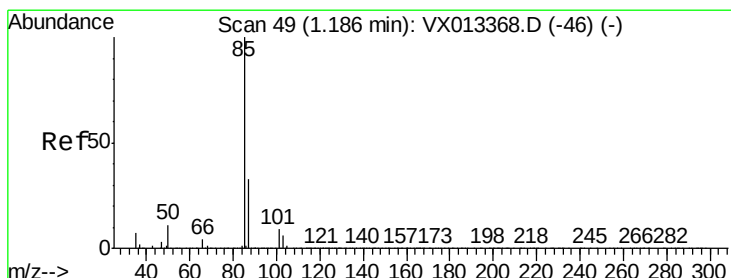
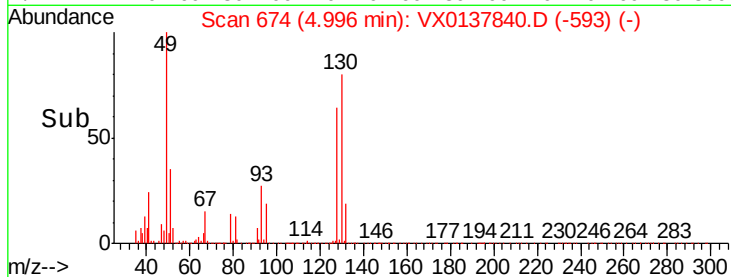
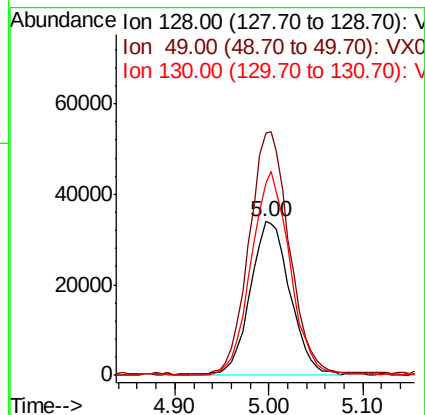
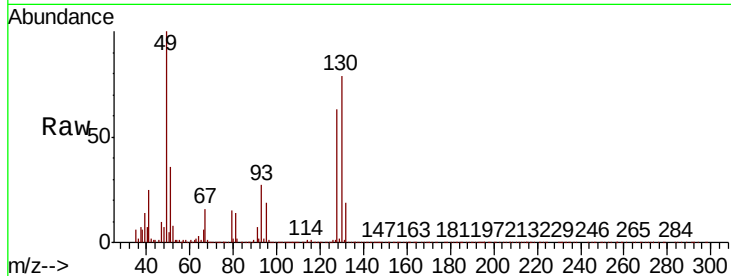
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
128	100	100745		
49	158.4		0.0	388.3
130	129.0		0.0	318.5

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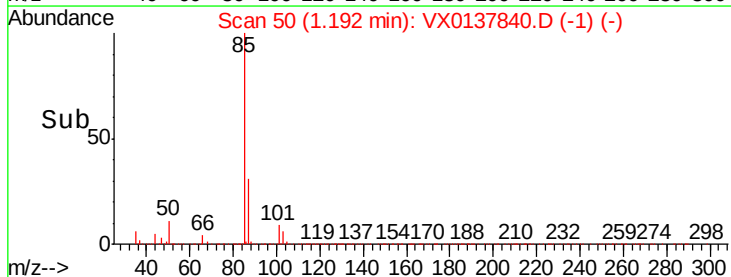
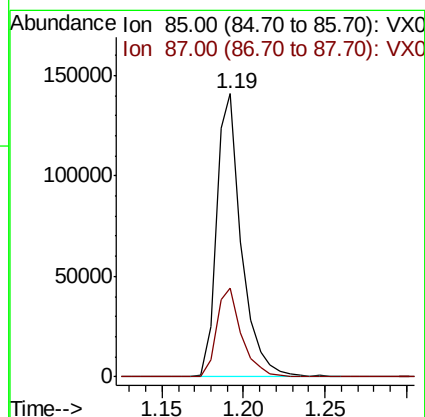
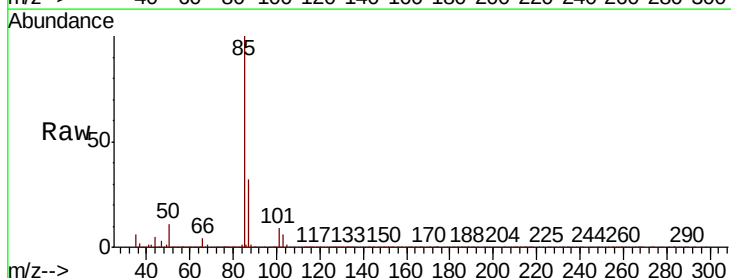
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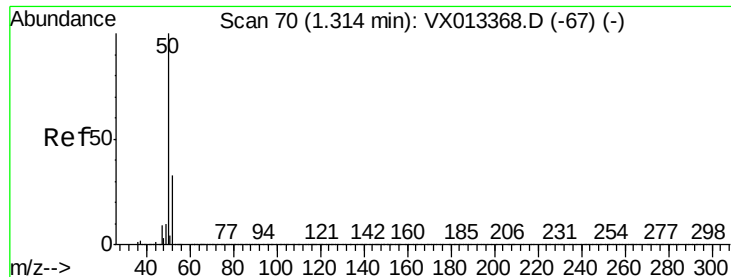


#2

Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	148895		
87	31.5		16.6	49.7





#3

Chloromethane

Concen: 19.501 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137840.D

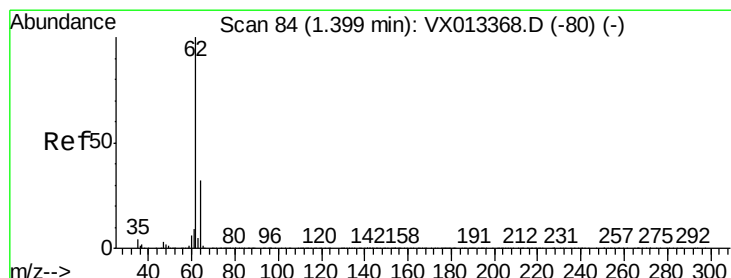
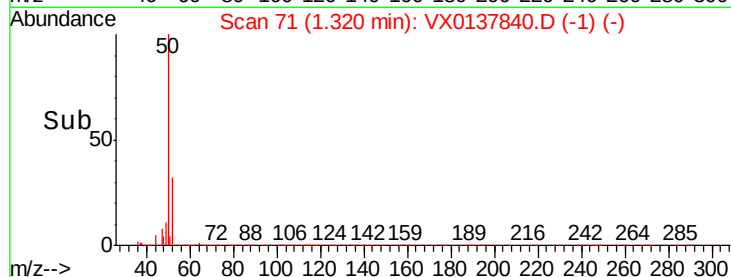
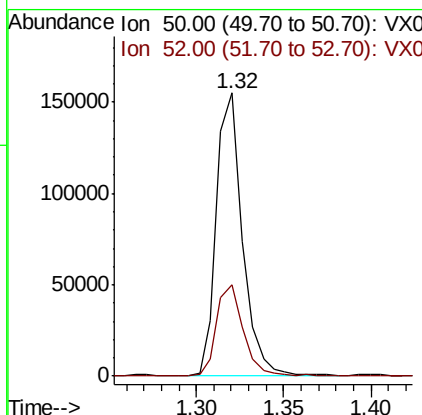
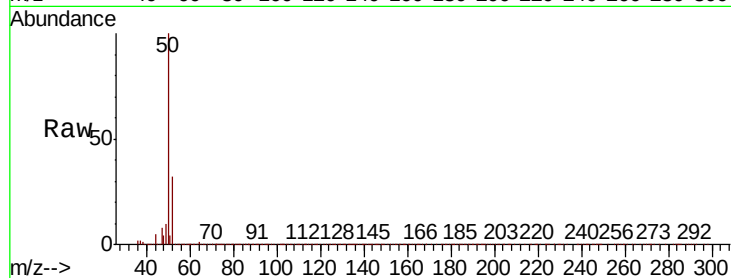
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.6	40.0

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#4

Vinyl Chloride

Concen: 19.493 ug/l

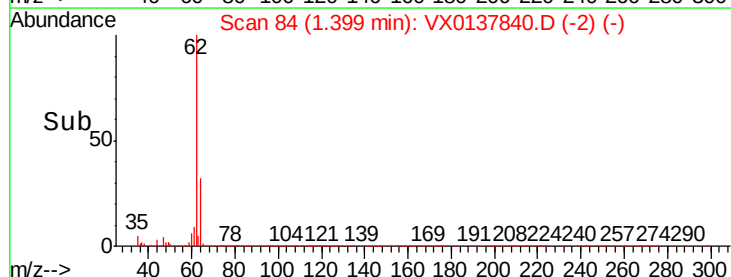
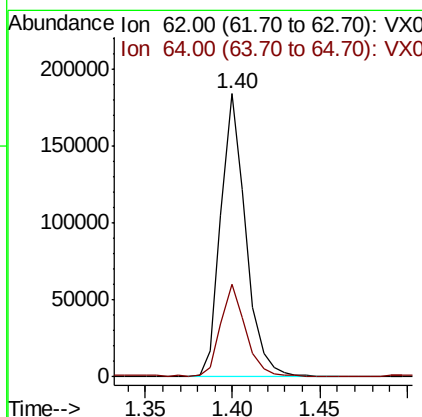
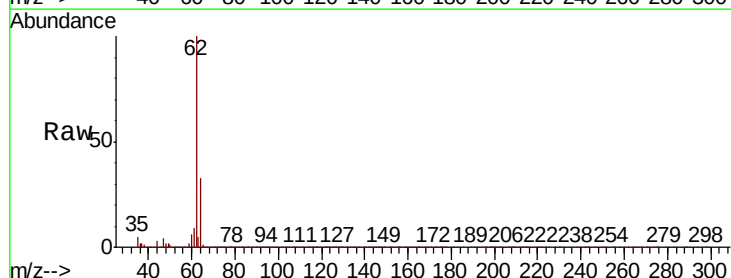
RT: 1.40 min Scan# 84

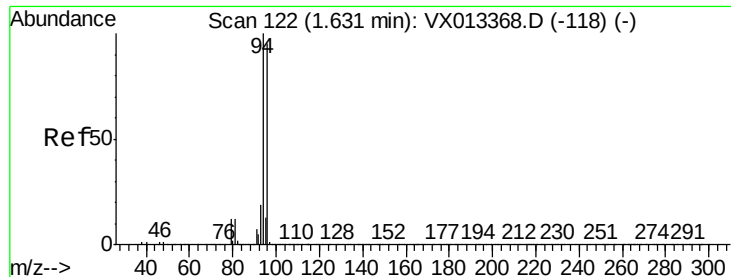
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.4	38.2





#5

Bromomethane

Concen: 18.045 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 101407

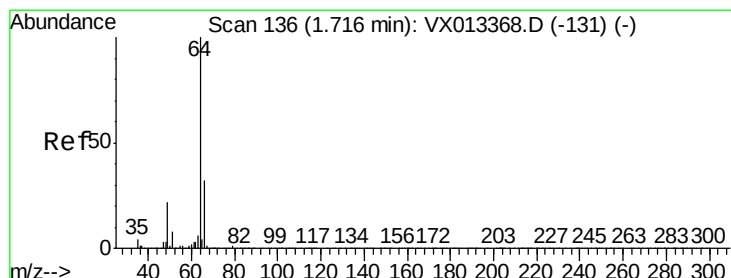
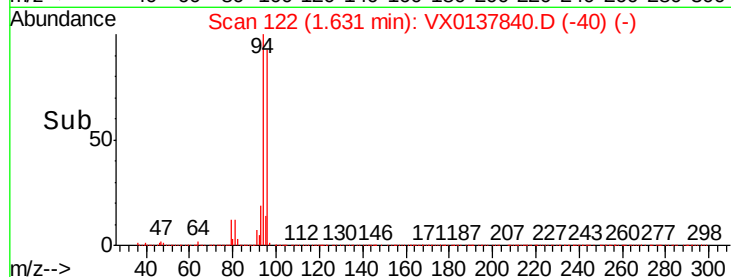
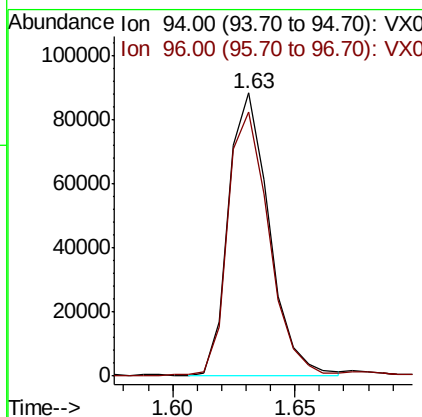
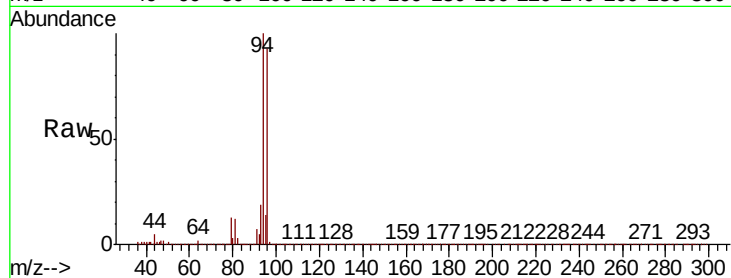
Ion Ratio Lower Upper

94 100

96 93.3 75.7 113.5

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#6

Chloroethane

Concen: 20.528 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX0137840.D

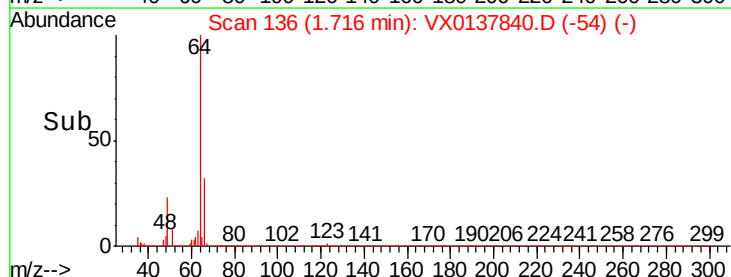
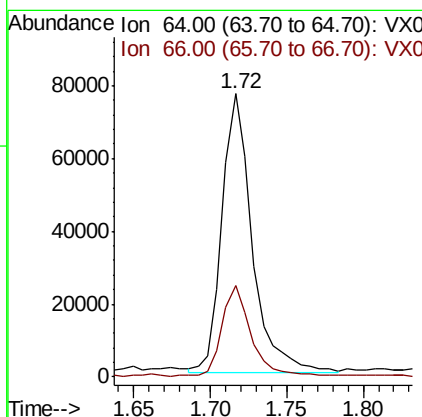
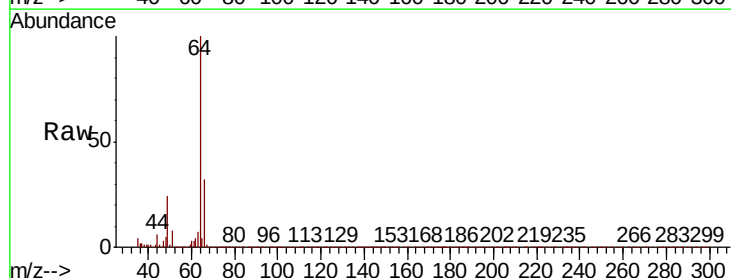
Acq: 07 Dec 2019 14:56

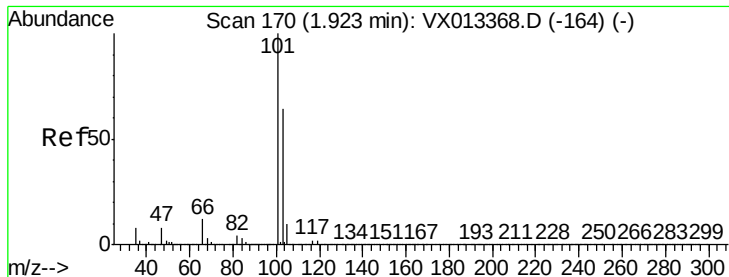
Tgt Ion: 64 Resp: 105482

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

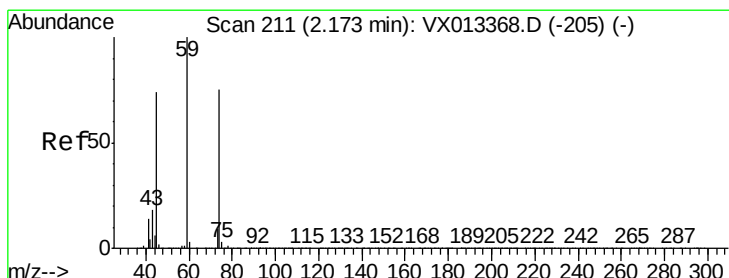
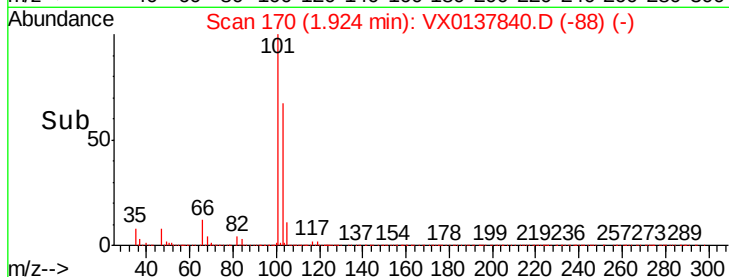
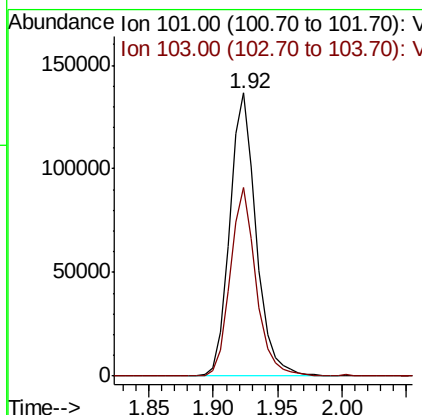
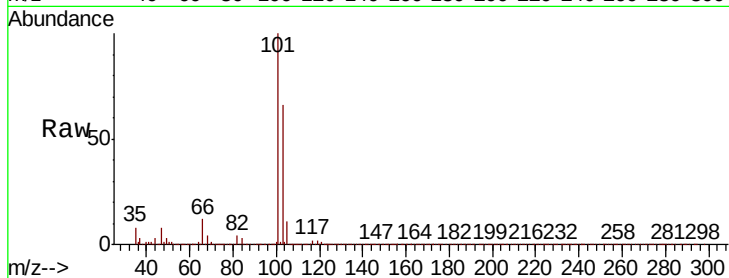
Trichlorofluoromethane
Concen: 19.372 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
101	100	194945		
103	66.4	51.2	76.8	

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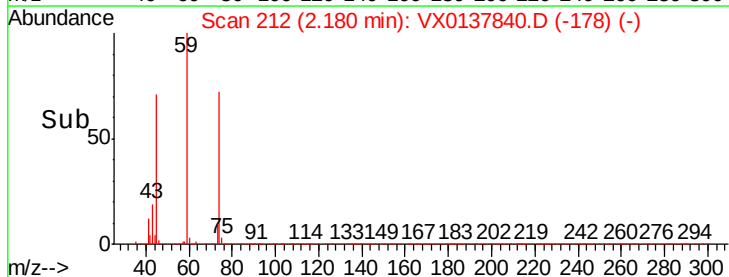
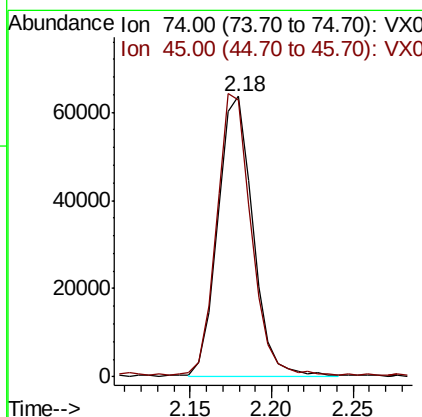
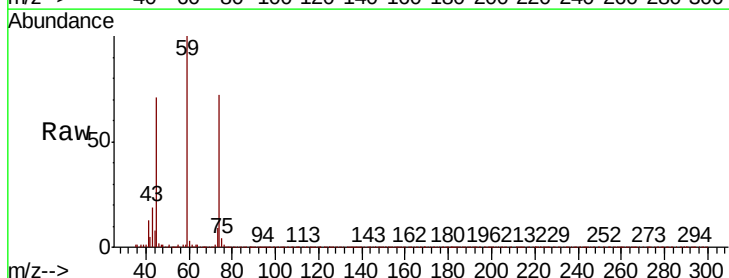
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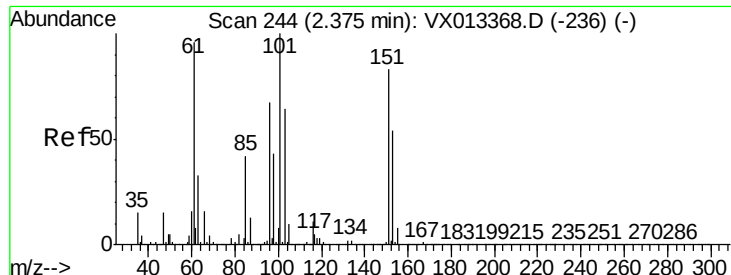


#8

Diethyl Ether
Concen: 20.676 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	95006		
45	98.4	19.5	175.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.268 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

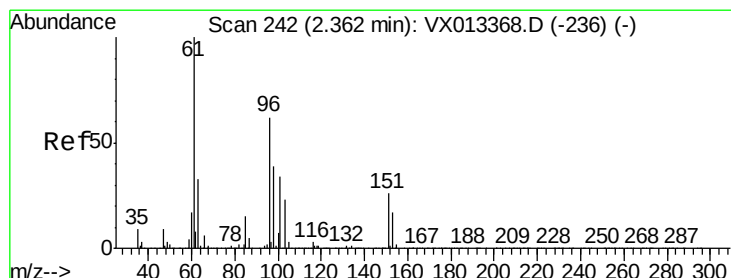
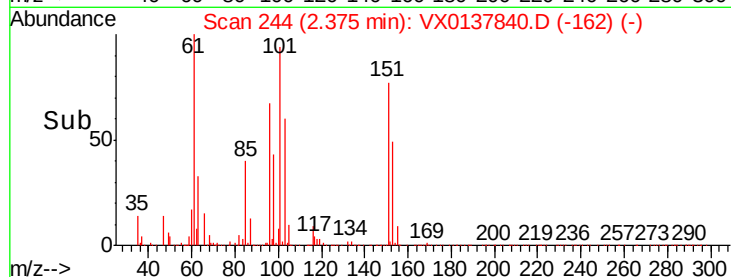
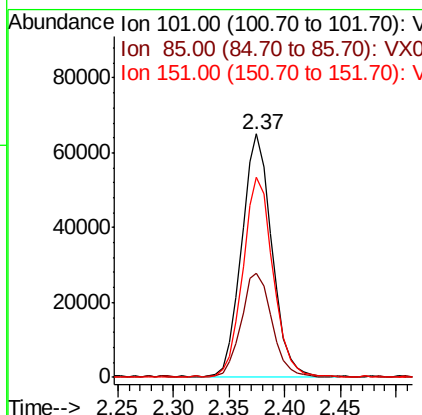
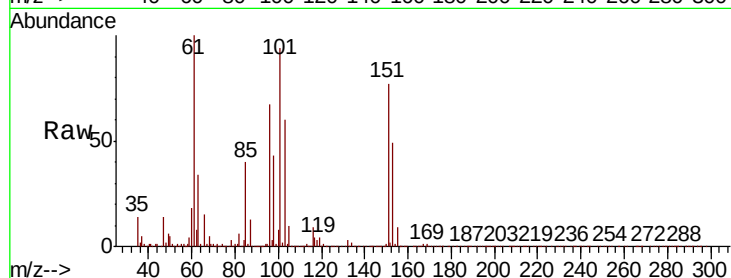
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	122717
Ion Ratio	Lower	Upper	
101	100		
85	43.4	0.0	83.2
151	82.2	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.244 ug/l

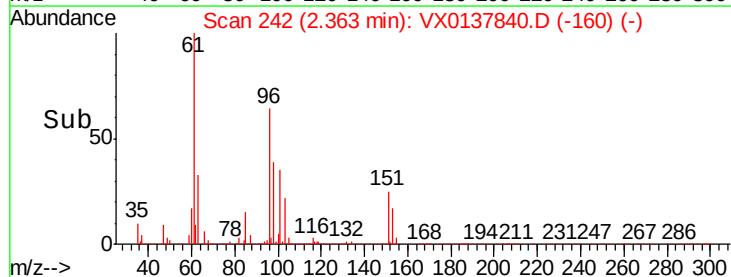
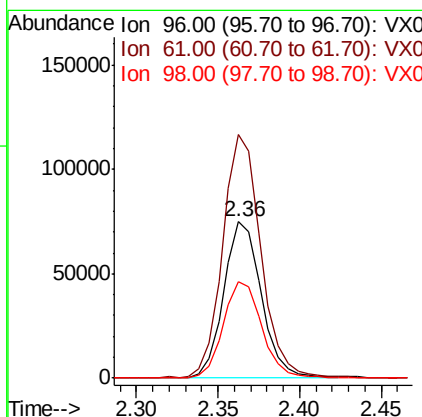
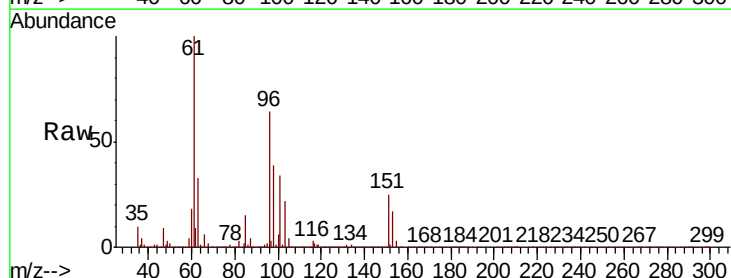
RT: 2.36 min Scan# 242

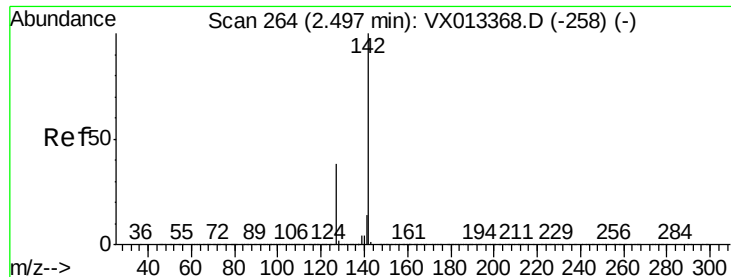
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	96	Resp:	119733
Ion Ratio	Lower	Upper	
96	100		
61	156.0	128.9	193.3
98	61.5	49.7	74.5





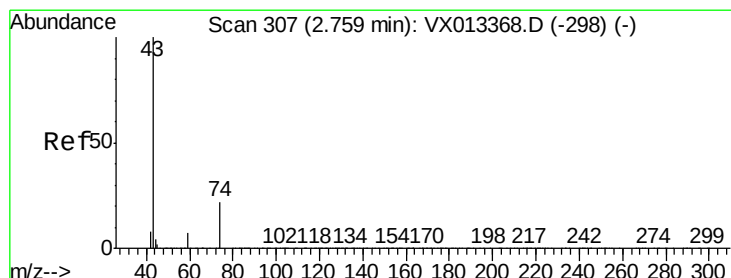
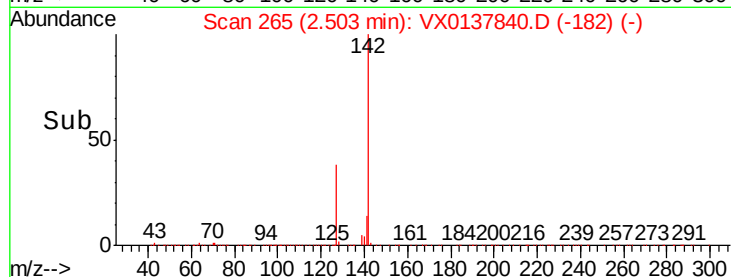
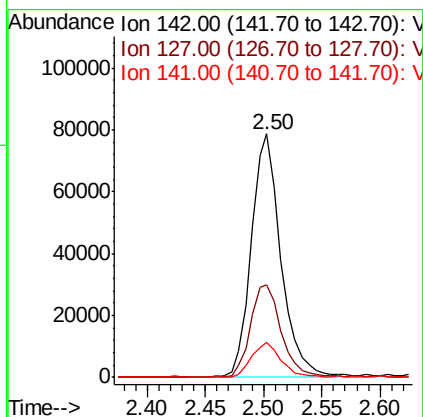
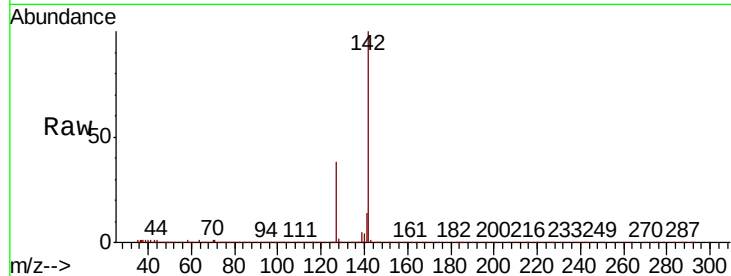
#11
Methyl Iodide
Concen: 18.218 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.2	19.1	57.5
141	13.9	7.0	21.0

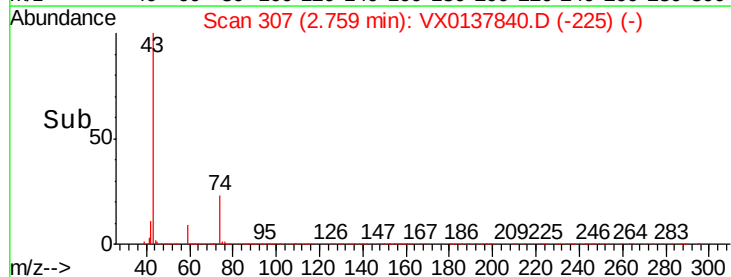
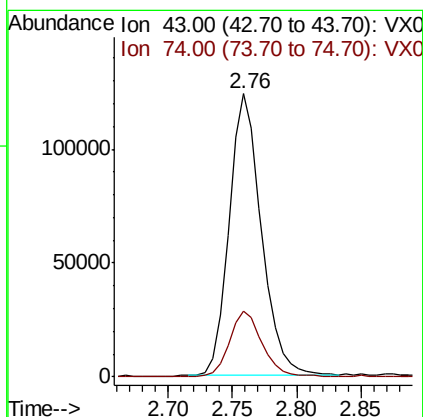
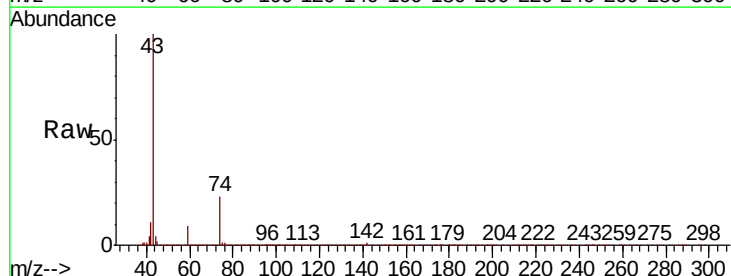
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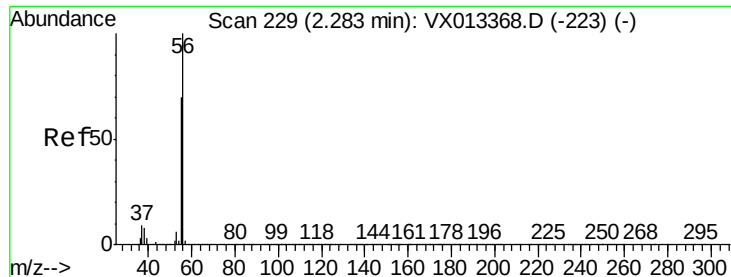
apatel
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#12
Methyl Acetate
Concen: 19.906 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.0	27.0





#13

Acrolein

Concen: 89.614 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 56 Resp: 103783

Ion Ratio Lower Upper

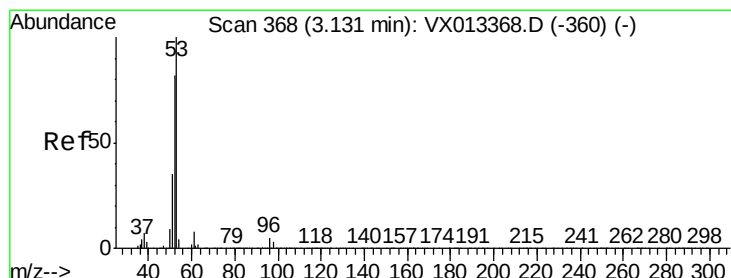
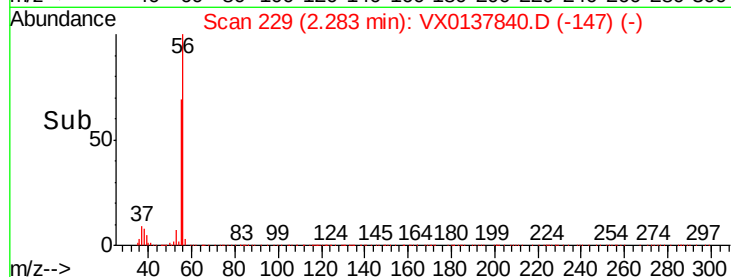
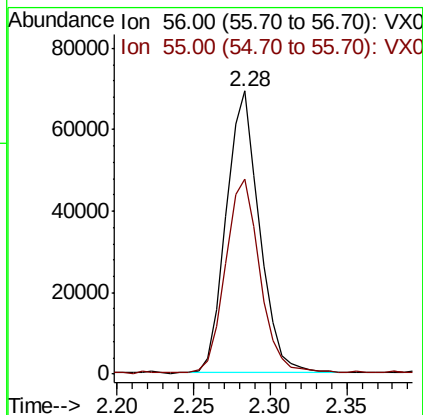
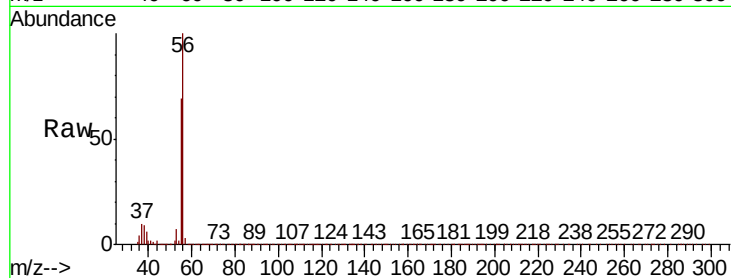
56 100

55 71.5 55.8 83.8

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#14

Acrylonitrile

Concen: 94.810 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

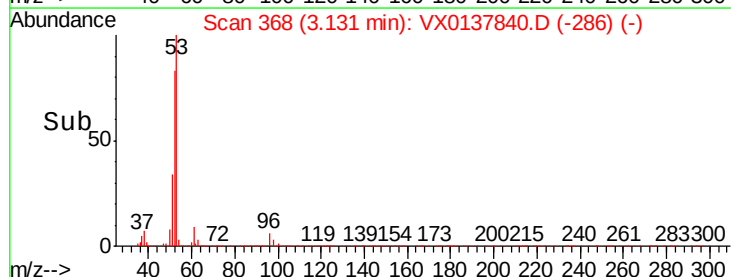
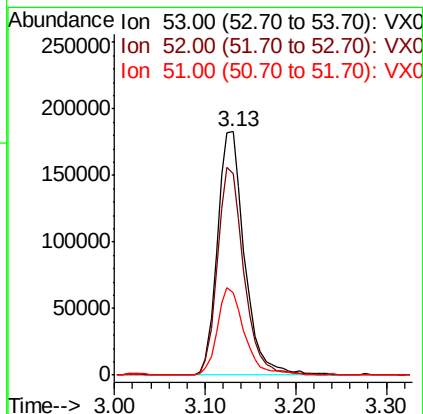
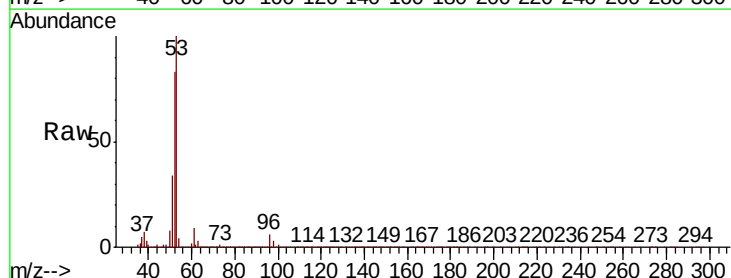
Tgt Ion: 53 Resp: 380114

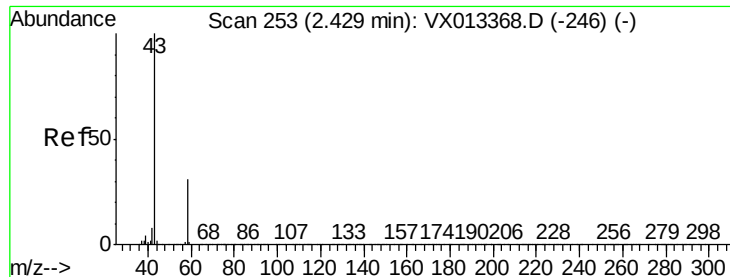
Ion Ratio Lower Upper

53 100

52 83.4 41.0 123.0

51 35.7 17.3 51.9





#15

Acetone

Concen: 95.556 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 116030

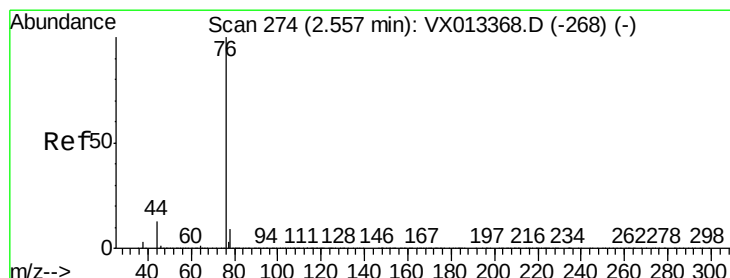
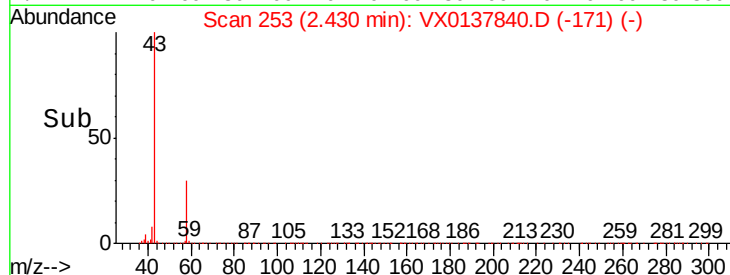
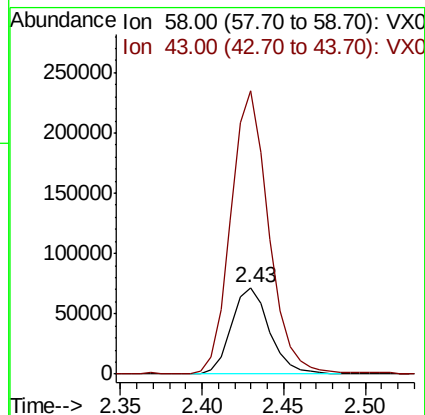
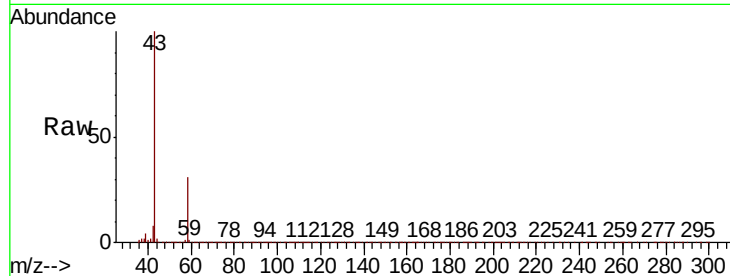
Ion Ratio Lower Upper

58 100

43 326.9 261.4 392.2

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#16

Carbon Disulfide

Concen: 18.302 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX0137840.D

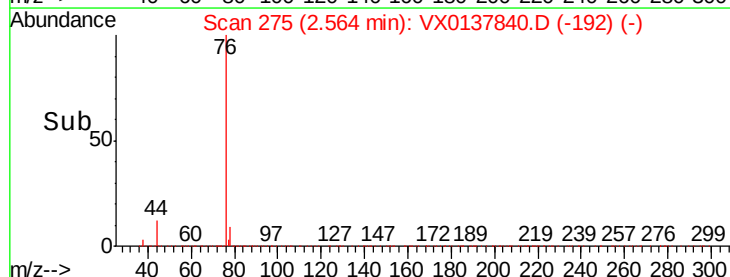
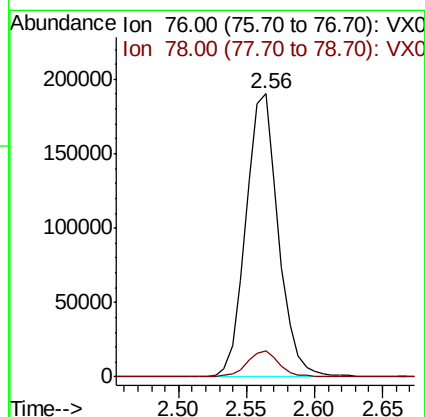
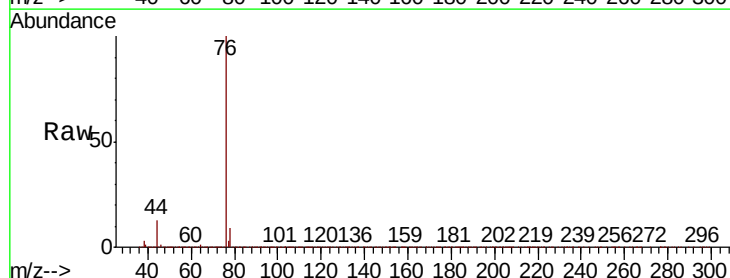
Acq: 07 Dec 2019 14:56

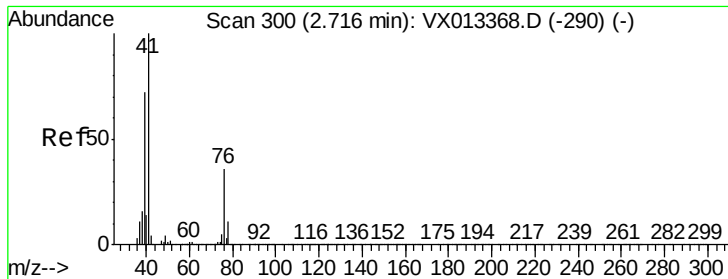
Tgt Ion: 76 Resp: 317622

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





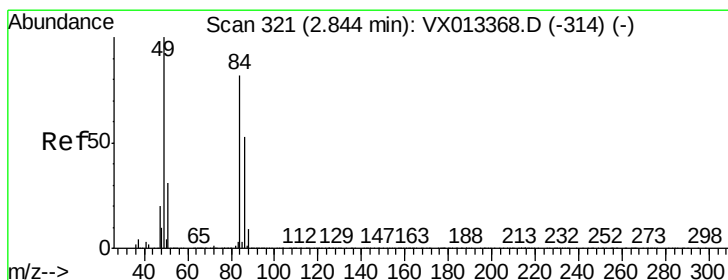
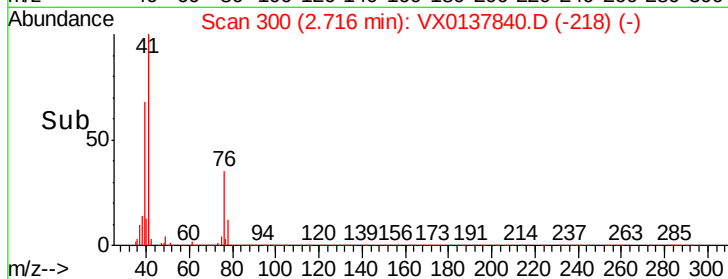
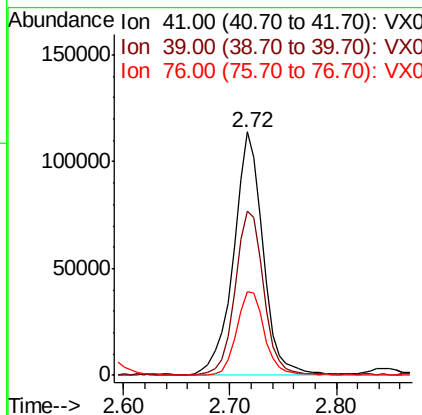
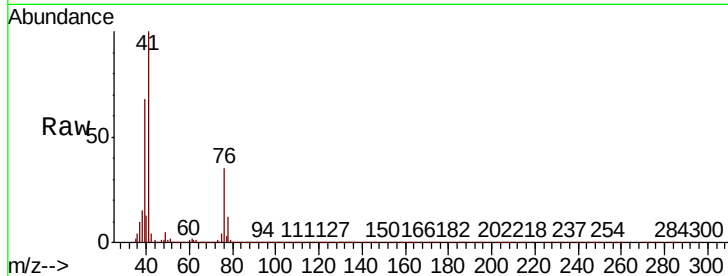
#17
Allvl chloride
Concen: 19.081 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
41	100	218636		
39	67.6	36.1	108.3	
76	34.4	18.1	54.4	

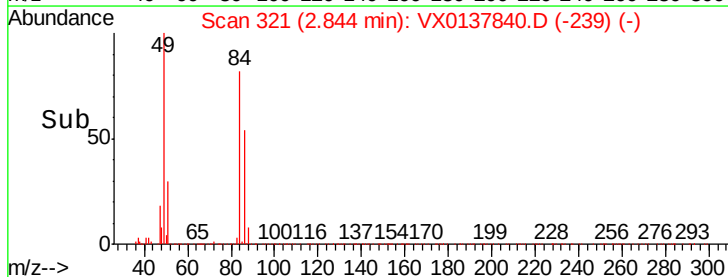
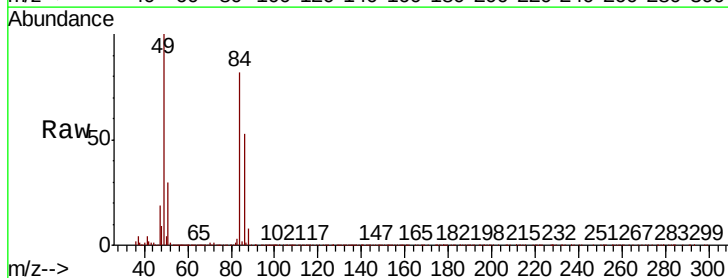
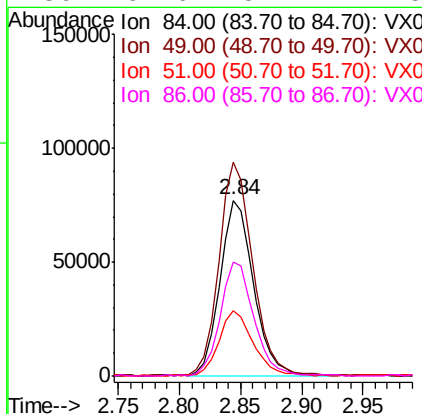
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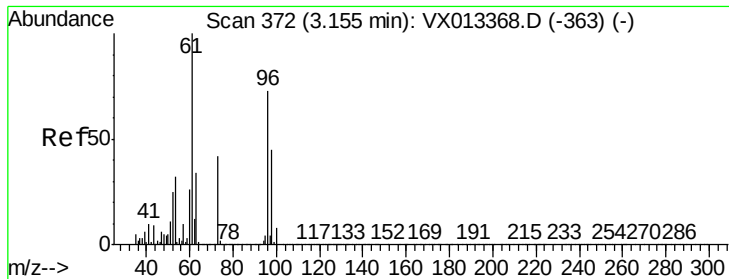
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#18
Methylene Chloride
Concen: 20.696 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	146101		
49	121.2	96.8	145.2	
51	36.7	30.0	45.0	
86	64.6	51.7	77.5	





#19

trans-1,2-Dichloroethene

Concen: 19.758 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX0137840.D

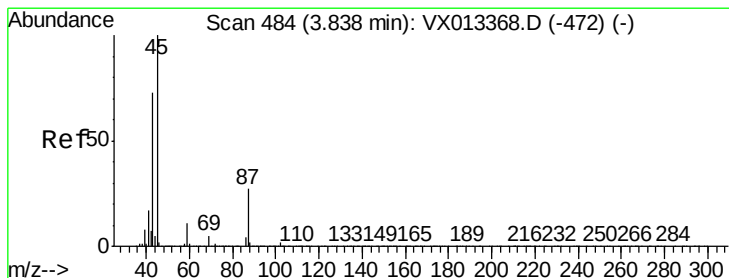
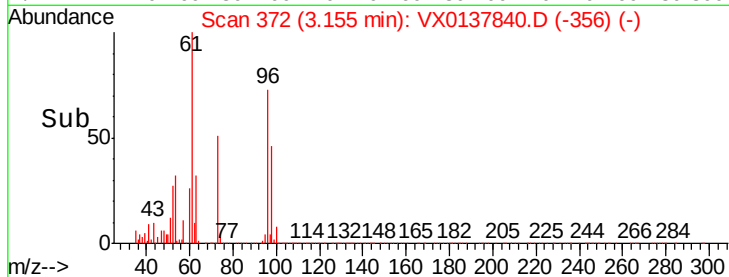
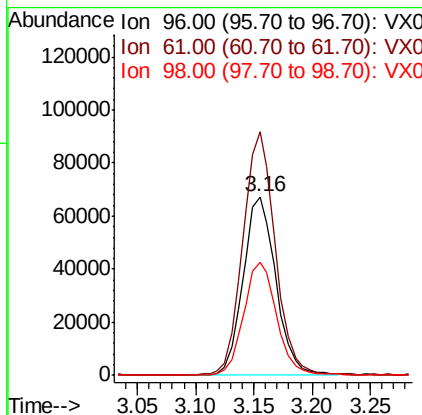
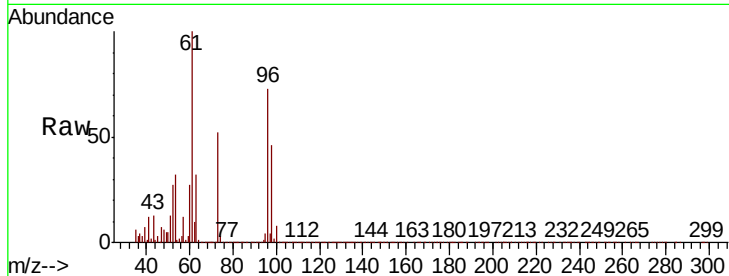
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	131385
Ion	Ratio	Lower	Upper
96	100		
61	135.7	109.9	164.9
98	63.0	49.7	74.5

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#20

Diisopropyl ether

Concen: 20.547 ug/l

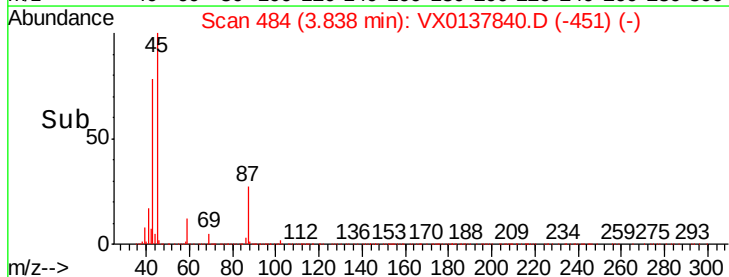
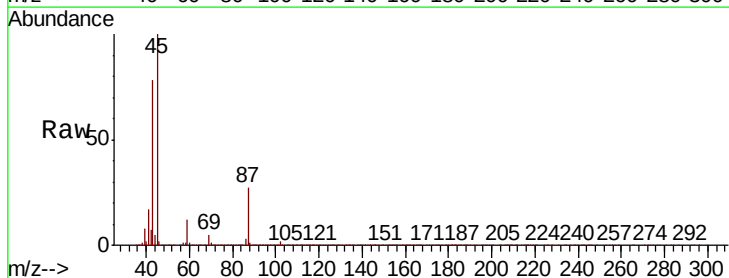
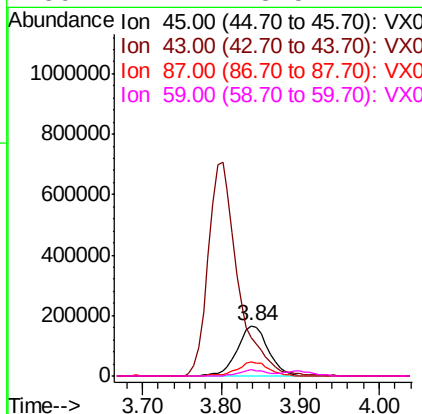
RT: 3.84 min Scan# 484

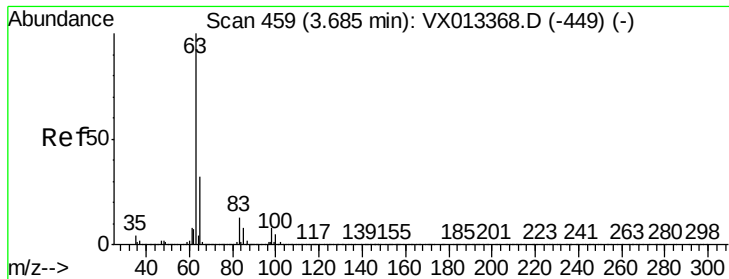
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	45	Resp:	452948
Ion	Ratio	Lower	Upper
45	100		
43	77.2	67.7	101.5
87	27.0	21.5	32.3
59	12.2	8.5	12.7





#21

1,1-Dichloroethane

Concen: 20.024 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX0137840.D

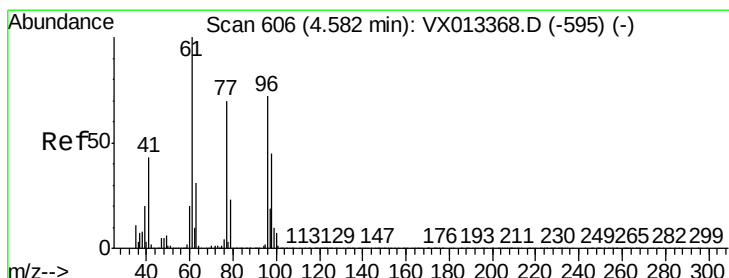
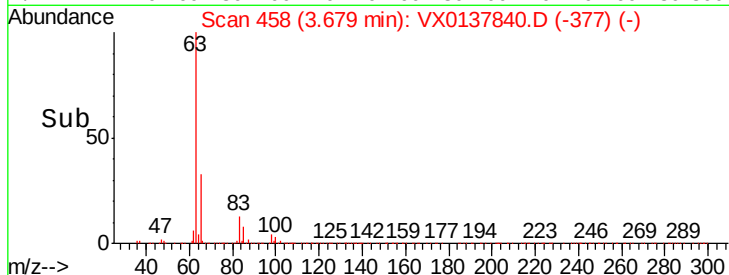
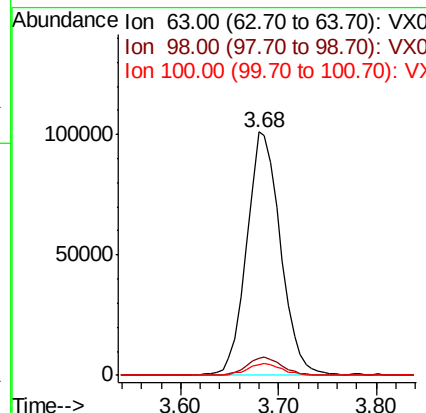
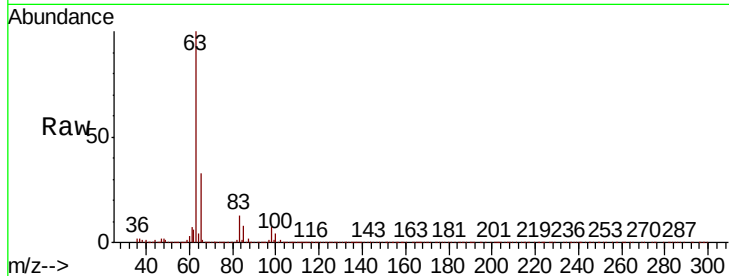
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	63	Resp:	240425
Ion Ratio	Lower	Upper	
63	100		
98	7.0	4.0	11.9
100	4.0	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 20.432 ug/l

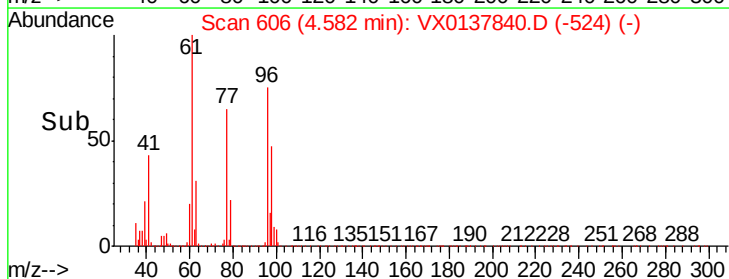
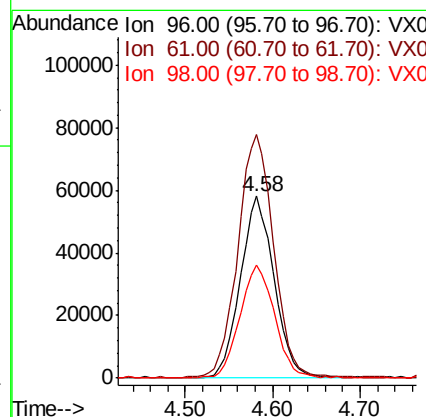
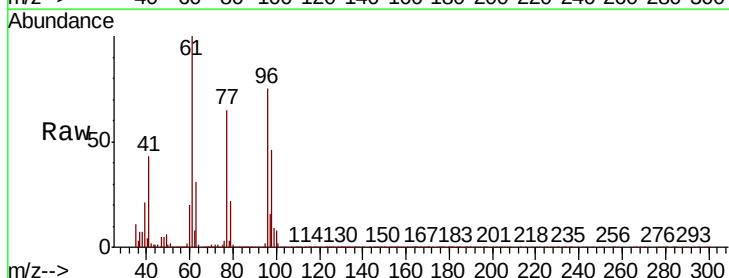
RT: 4.58 min Scan# 606

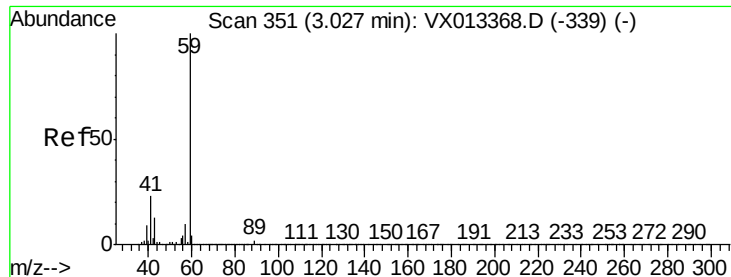
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	96	Resp:	154902
Ion Ratio	Lower	Upper	
96	100		
61	141.7	117.0	175.6
98	63.3	51.1	76.7





#23

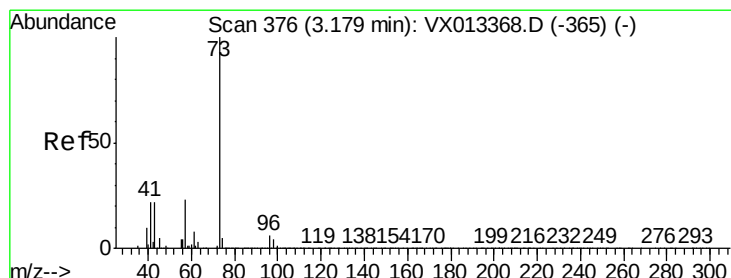
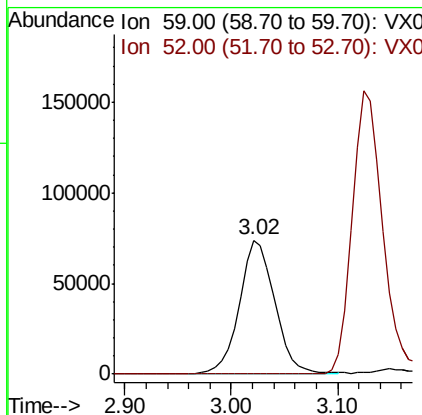
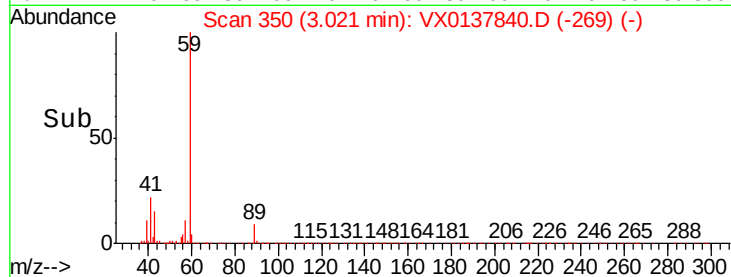
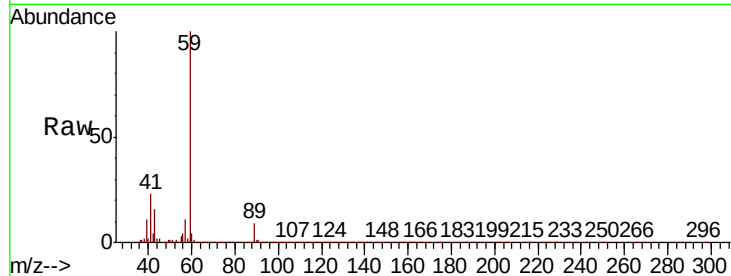
tert-Butyl Alcohol
Concen: 89.424 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.1	0.1#

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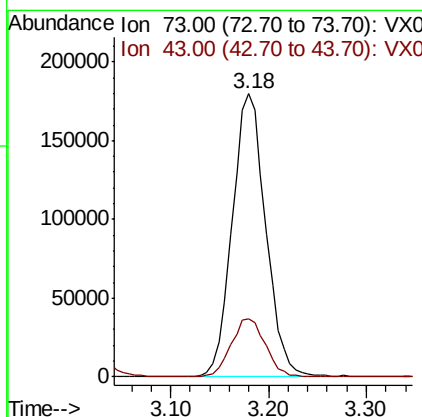
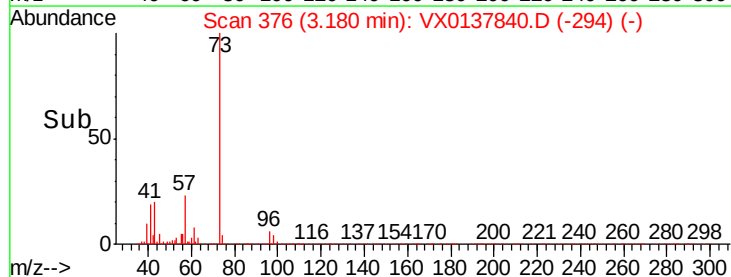
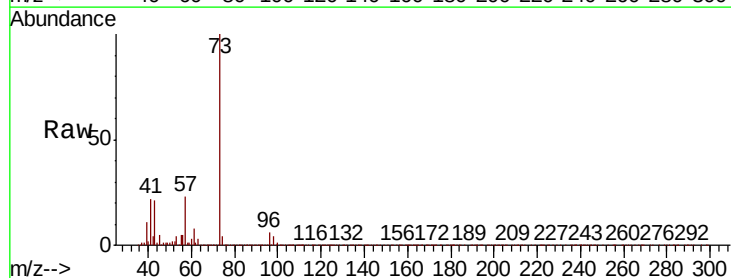
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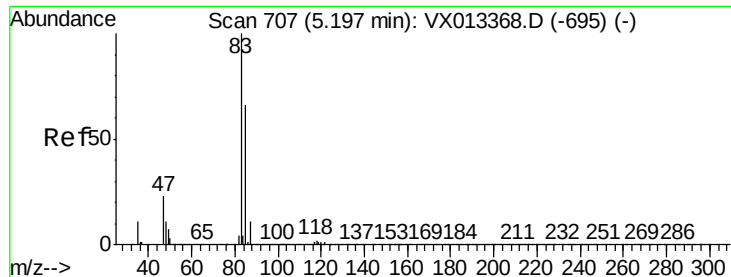


#24

Methyl tert-Butyl Ether
Concen: 20.668 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.7	17.0	25.6





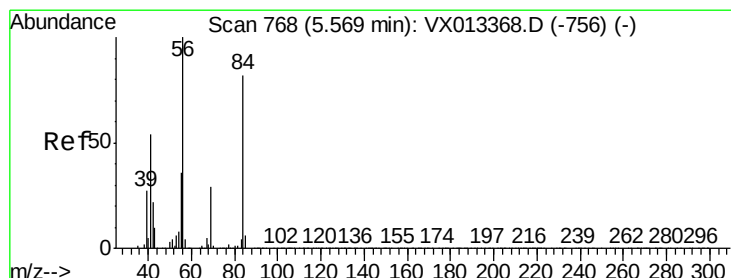
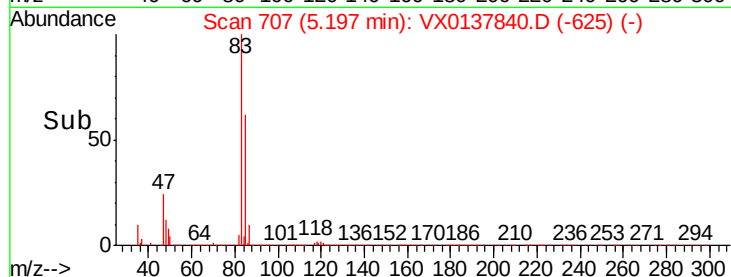
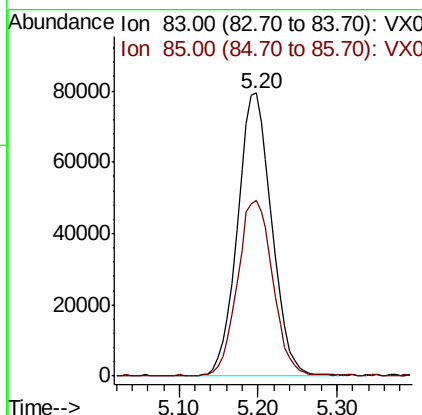
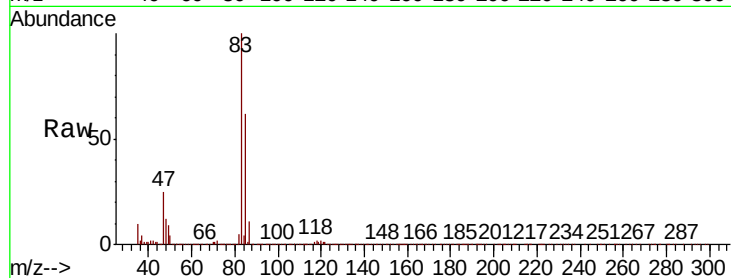
#25
Chloroform
Concen: 20.258 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
83	100	238086		
85	62.1		52.4	78.6

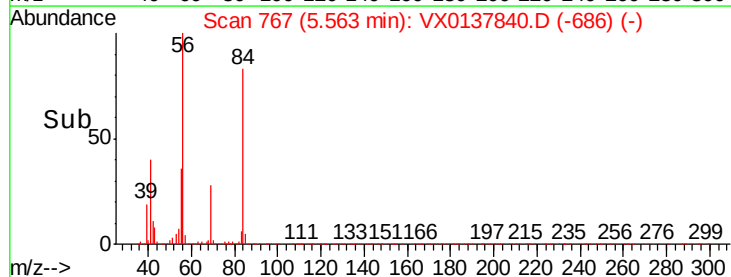
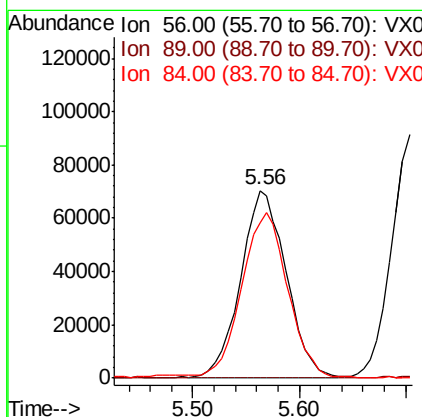
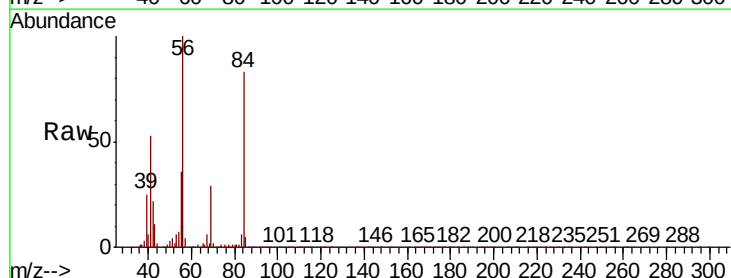
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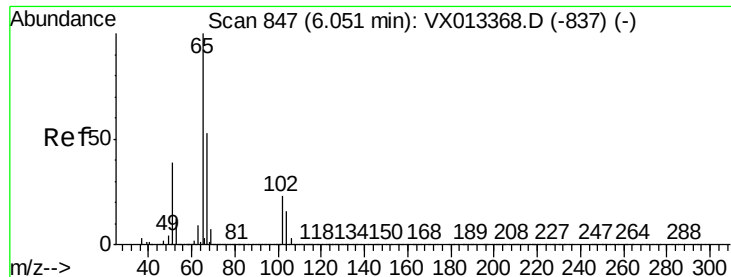
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#26
Cyclohexane
Concen: 19.141 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	208701		
89	0.1		0.0	0.0#
84	0.0		70.5	105.7#





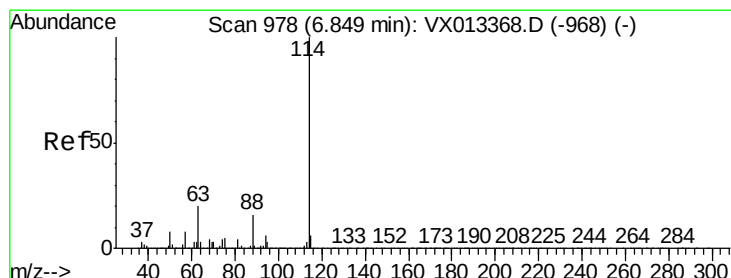
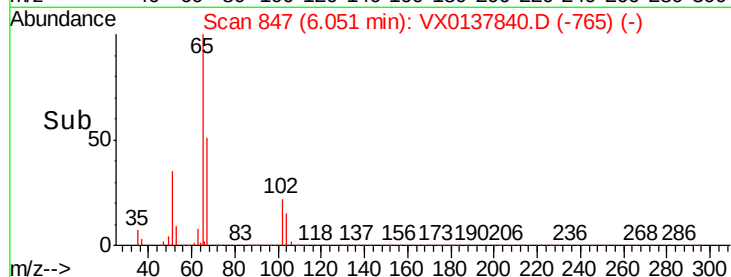
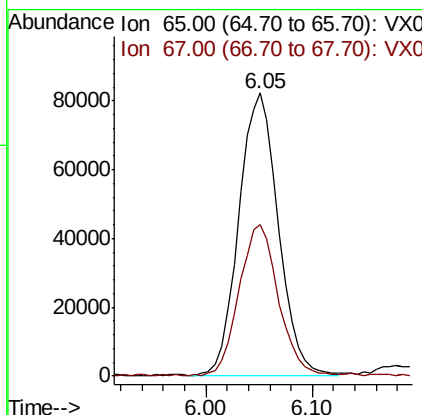
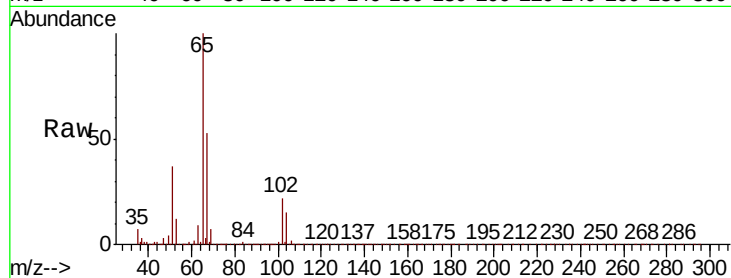
#27
 1,2-Dichloroethane-d4
 Concen: 28.799 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	41.0	61.6

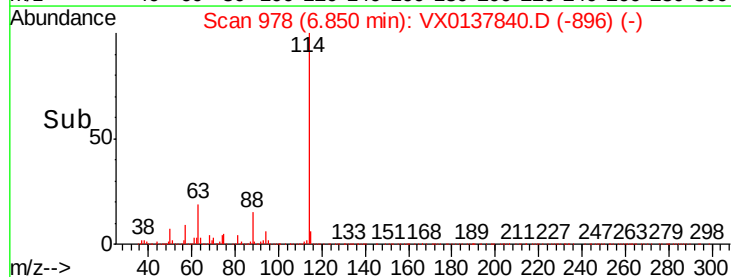
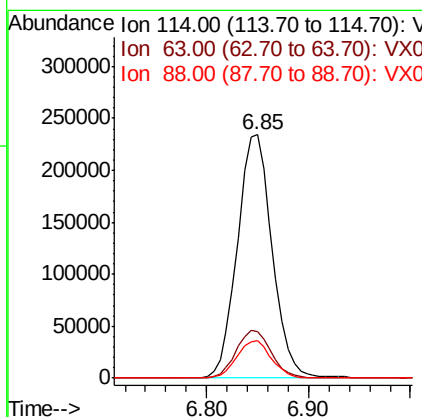
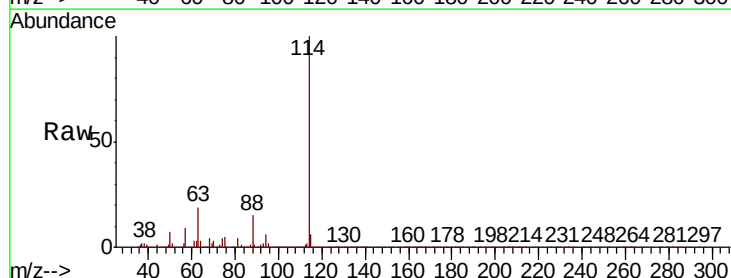
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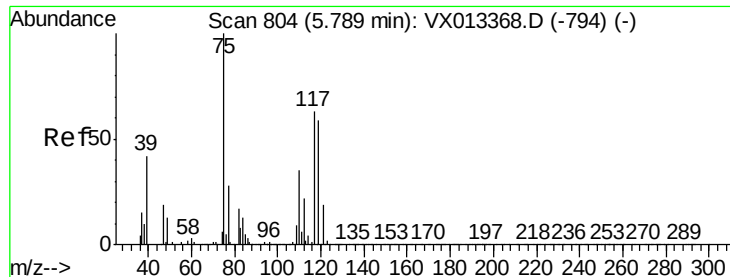
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	16.1	24.1
88	15.2	12.3	18.5





#29

1,1-Dichloropropene

Concen: 20.629 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

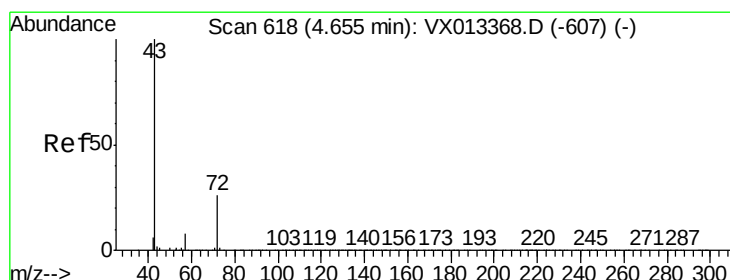
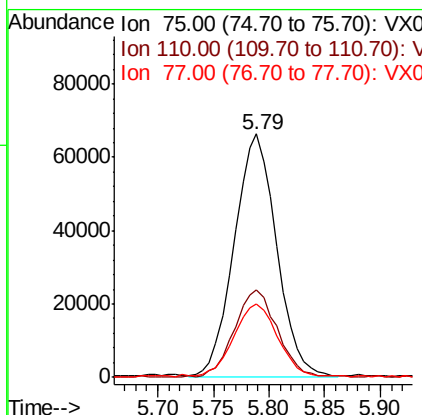
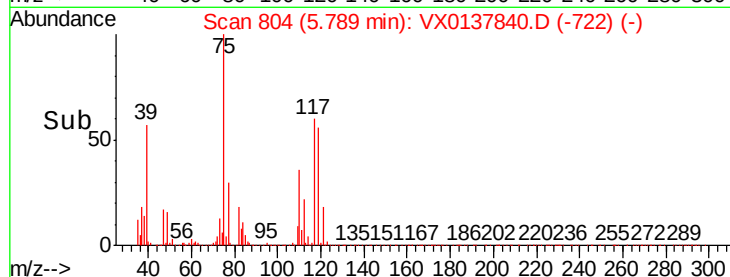
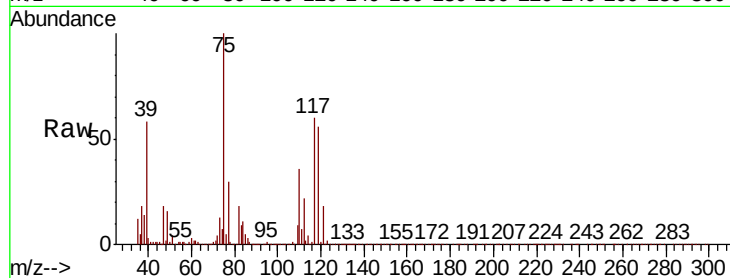
MSVOA_X

ClientSampleId :

Tot Ion:	75	Resp:	175260
Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	74.6
77	30.6	0.0	62.6

Manual Integrations
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#30

2-Butanone

Concen: 97.882 ug/l

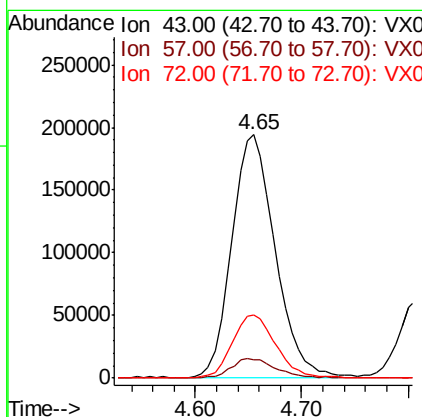
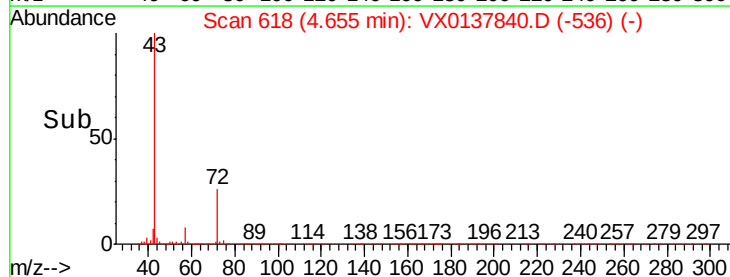
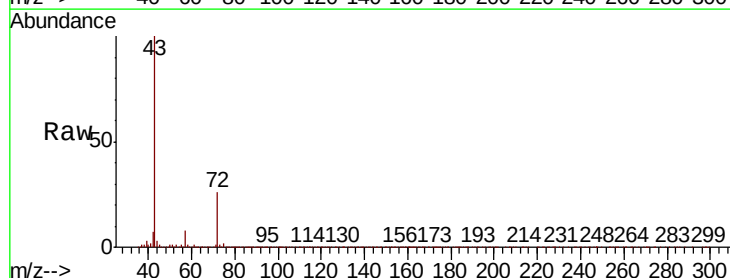
RT: 4.65 min Scan# 618

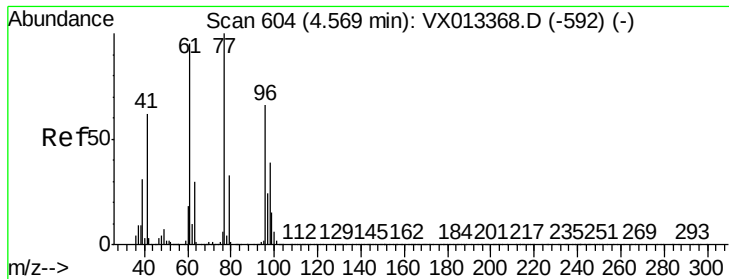
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	43	Resp:	548894
Ion	Ratio	Lower	Upper
43	100		
57	4.4	6.1	9.1#
72	25.8	20.5	30.7





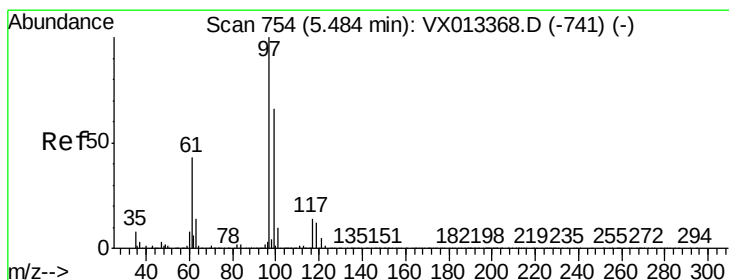
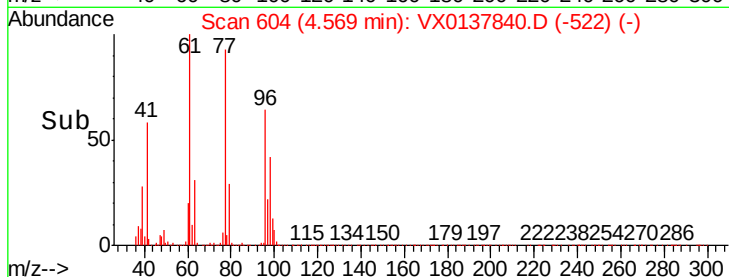
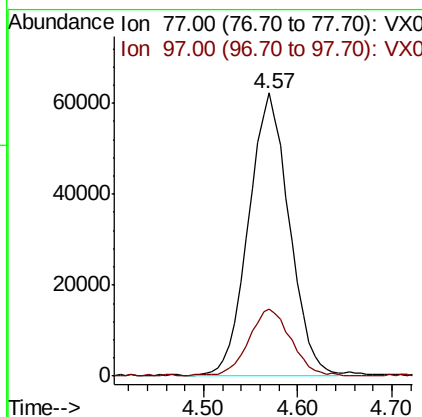
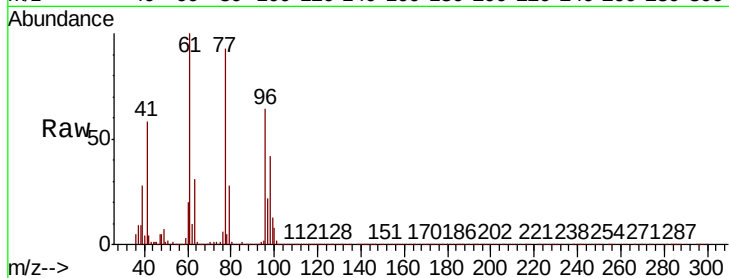
#31
 2,2-Dichloropropane
 Concen: 20.498 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 77 Resp: 188602
 Ion Ratio Lower Upper
 77 100
 97 22.8 19.2 28.8

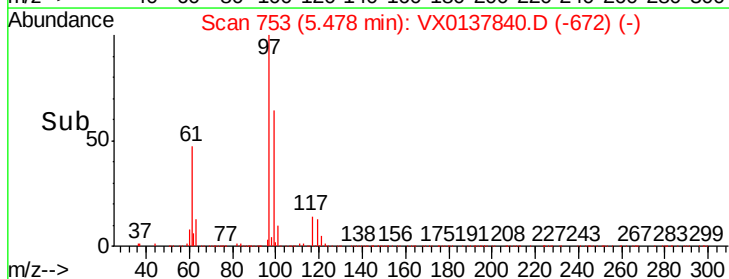
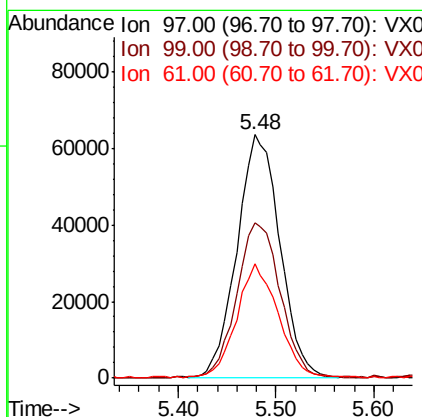
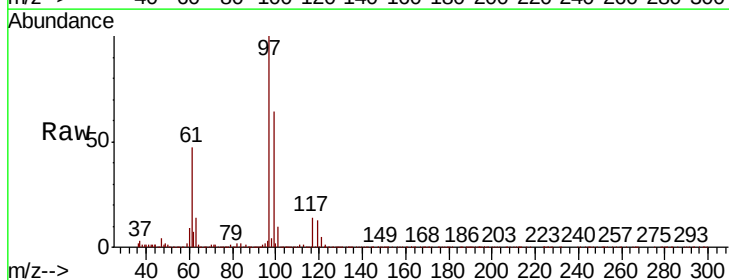
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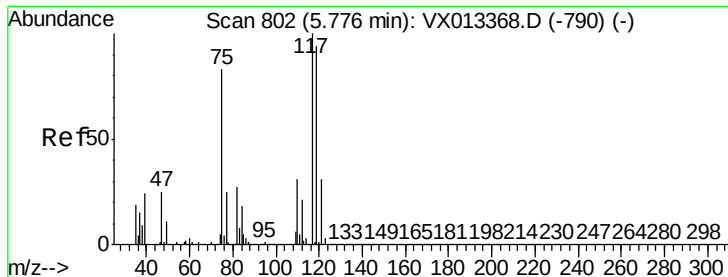
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#32
 1,1,1-Trichloroethane
 Concen: 20.491 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Tgt Ion: 97 Resp: 193499
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.5 78.7
 61 44.8 36.1 54.1





#33

Carbon Tetrachloride

Concen: 20.302 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

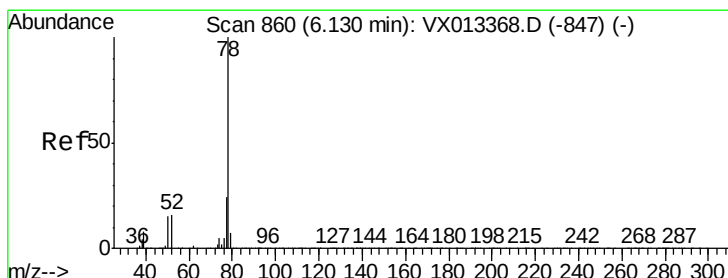
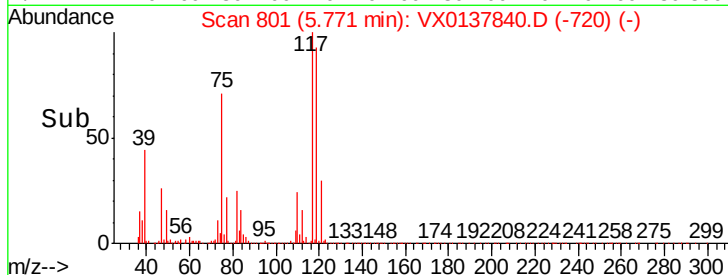
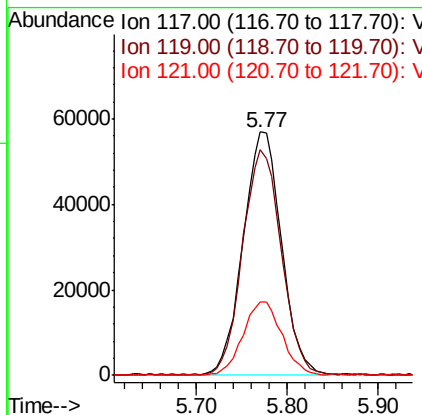
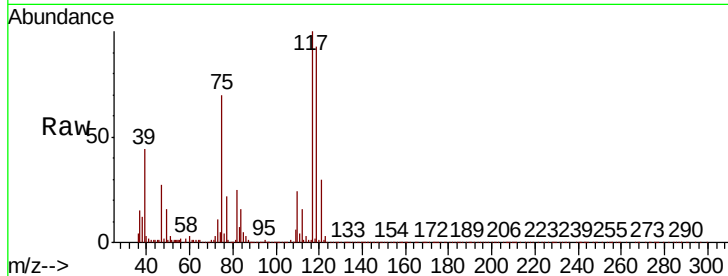
MSVOA_X

ClientSampleId :

Tot Ion:	117	Resp:	166520
Ion Ratio	Lower	Upper	
117	100		
119	92.7	75.0	112.6
121	30.1	24.9	37.3

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#34

Benzene

Concen: 21.052 ug/l

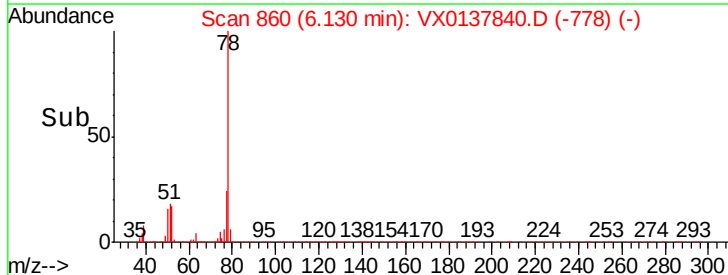
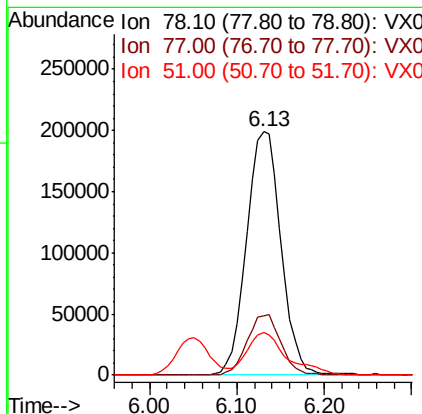
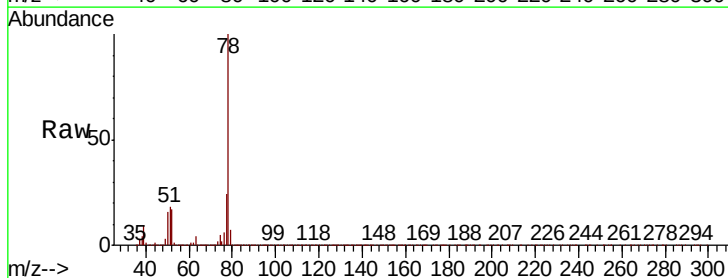
RT: 6.13 min Scan# 860

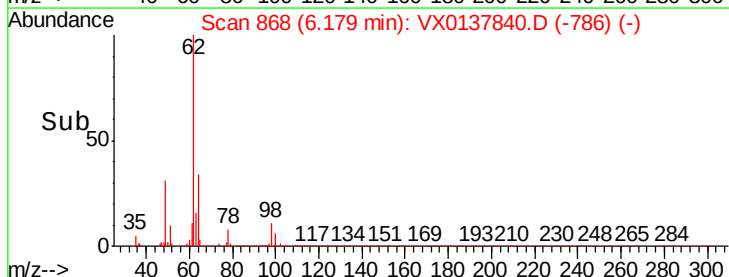
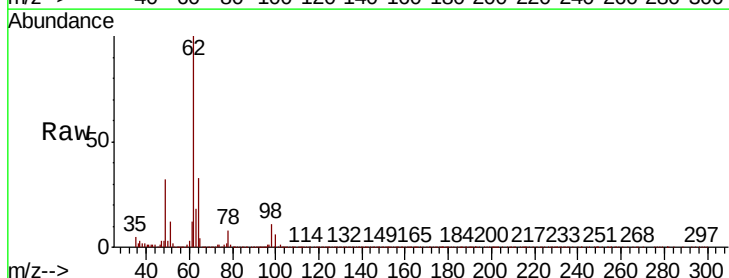
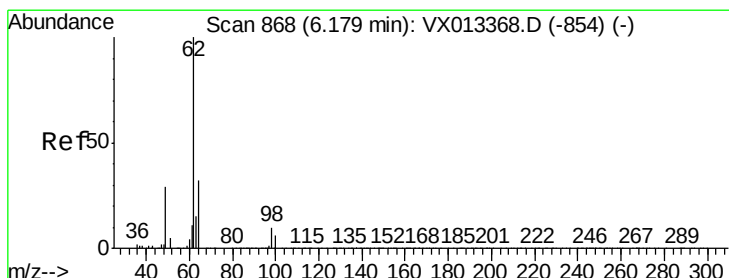
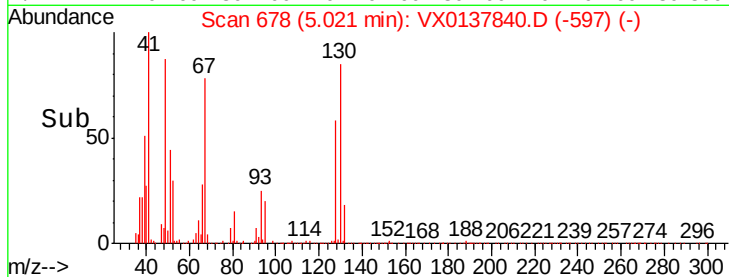
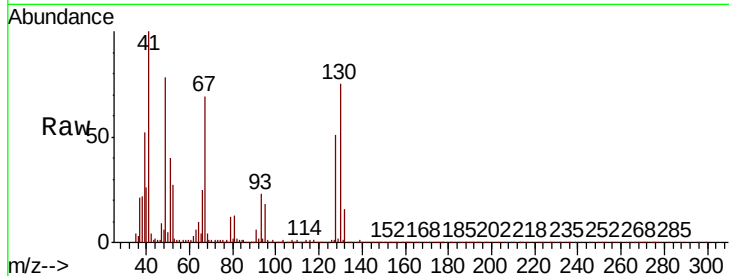
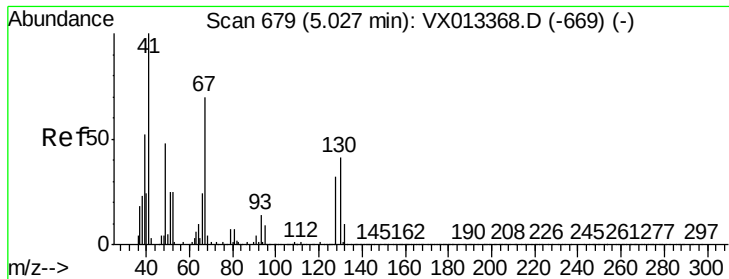
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

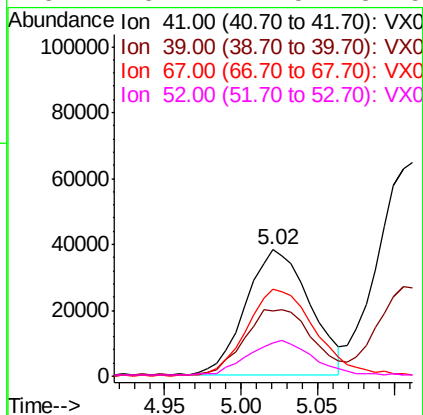
Tgt Ion:	78	Resp:	542497
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.3	28.9
51	17.0	12.2	18.4





#35
Methacrylonitrile
Concen: 19.736 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		110521		
39	51.8	25.9	77.8		
67	69.4	35.1	105.5		
52	25.7	12.5	37.5		



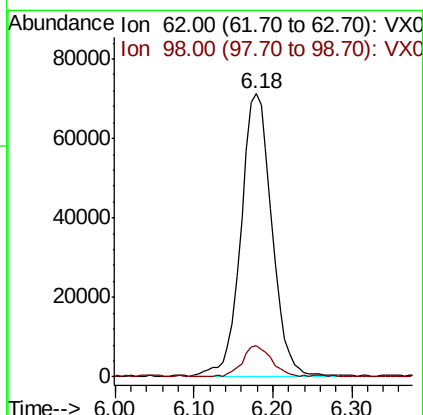
Instrument :
MSVOA_X
ClientSampled :

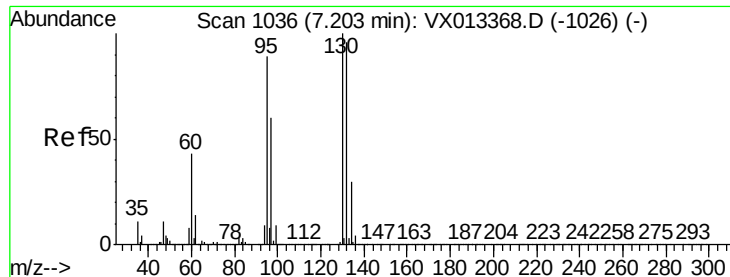
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#36
1,2-Dichloroethane
Concen: 21.696 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		195697		
98	10.4	8.2	12.2		





#37

Trichloroethene

Concen: 21.145 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:130 Resp: 145978

Ion Ratio Lower Upper

130 100

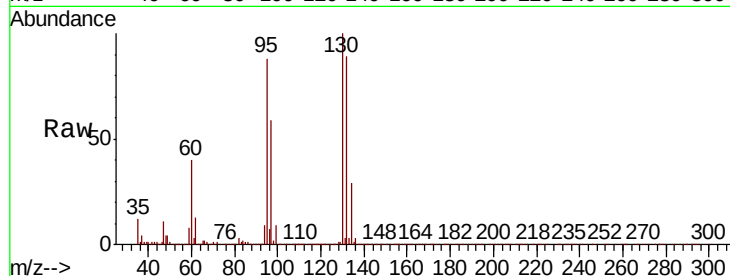
95 87.5 71.3 106.9

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

80000

60000

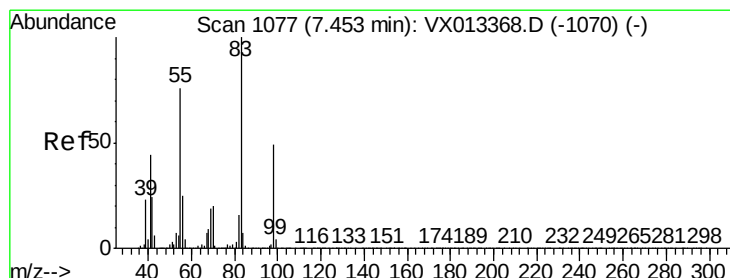
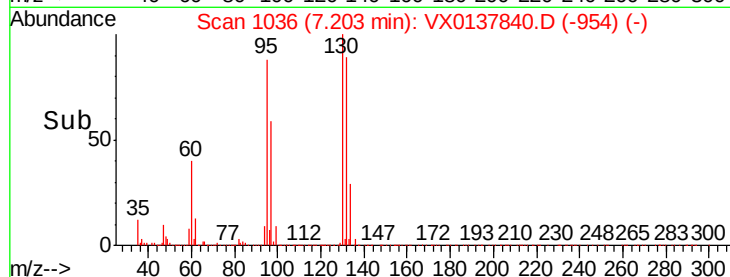
40000

20000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 20.685 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

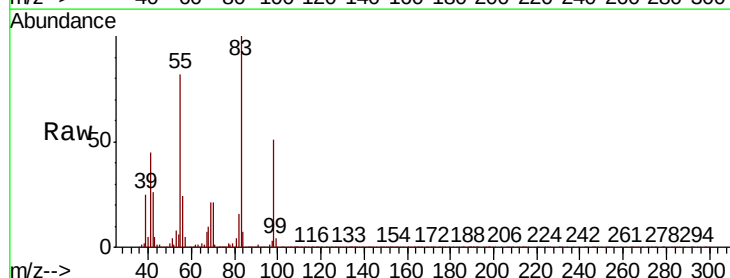
Tgt Ion: 83 Resp: 215480

Ion Ratio Lower Upper

83 100

55 77.9 37.9 113.7

98 50.4 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

120000

100000

80000

60000

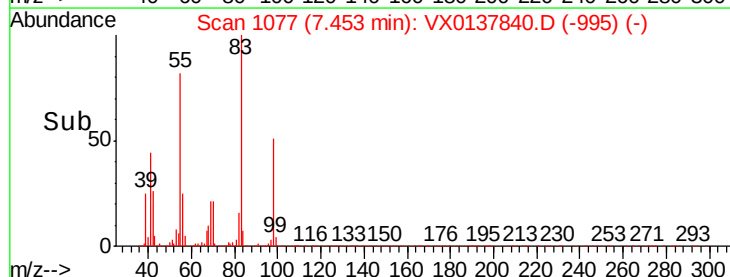
40000

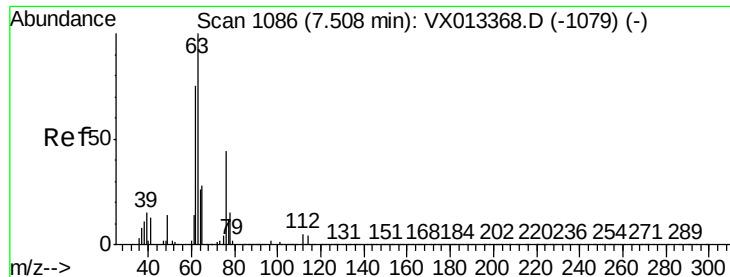
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->





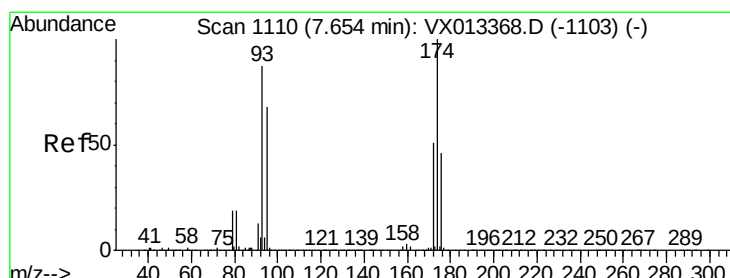
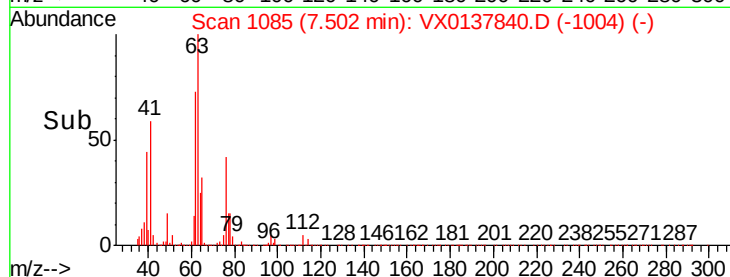
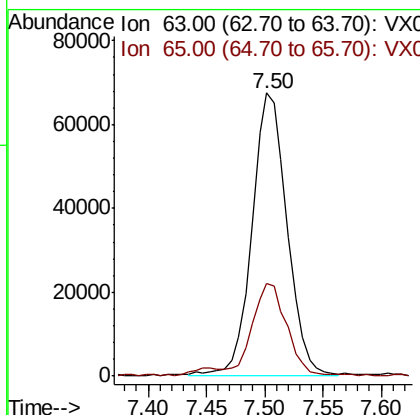
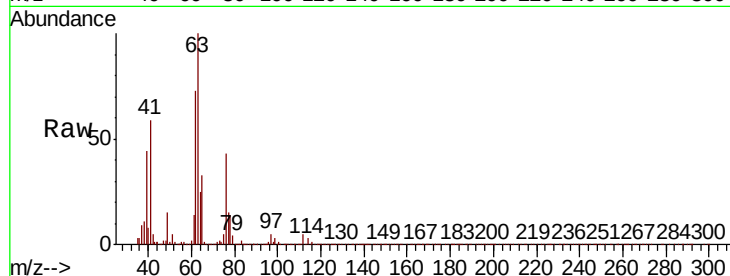
#39
 1,2-Dichloropropane
 Concen: 21.214 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.8	35.8

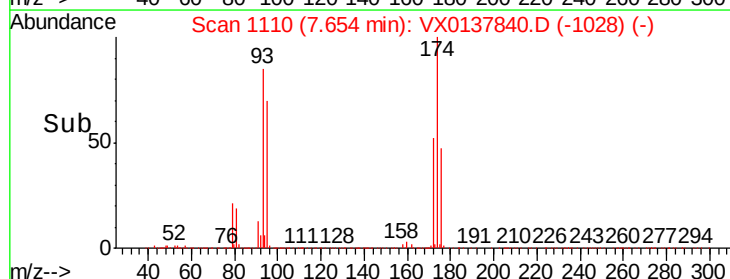
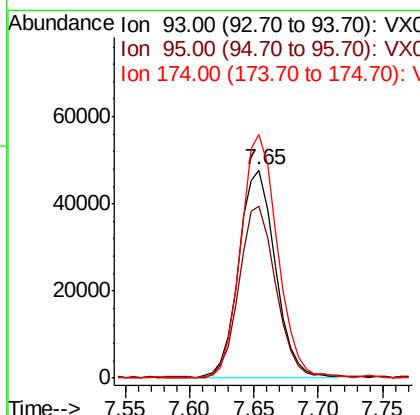
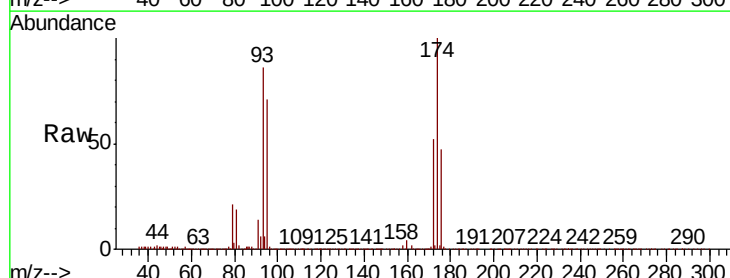
Manual Integrations
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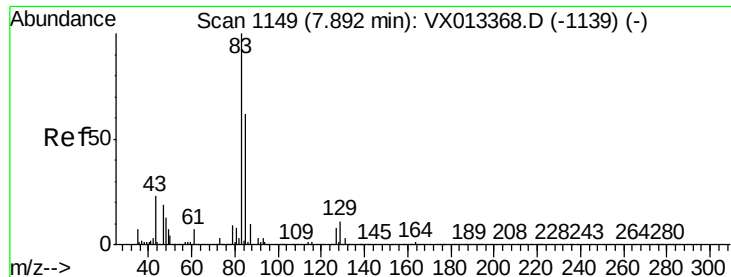
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#40
 Dibromomethane
 Concen: 21.137 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	0.0	160.8
174	117.3	0.0	228.8





#41

Bromodichloromethane

Concen: 20.772 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX0137840.D

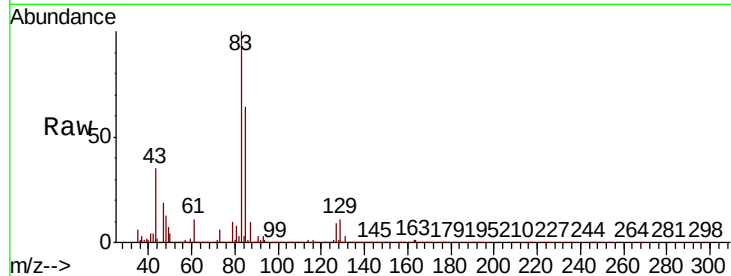
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

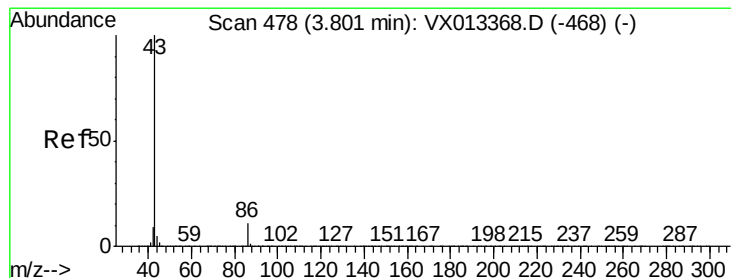
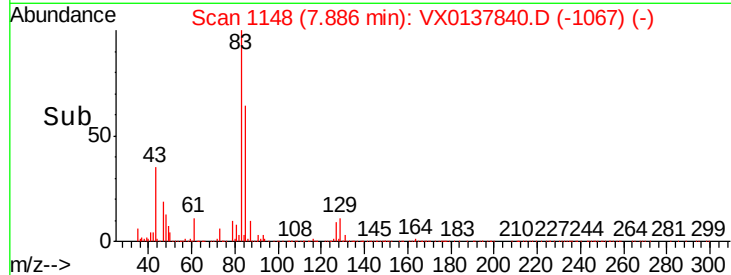
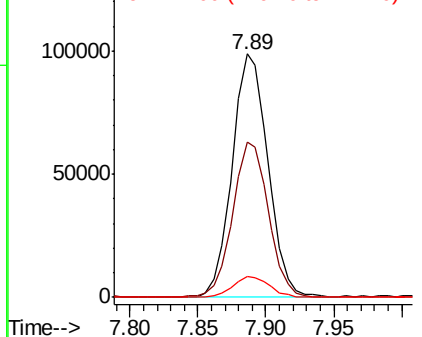
Tot Ion:	83	Resp:	179806
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.3	73.9
127	8.4	6.6	10.0

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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 105.301 ug/l

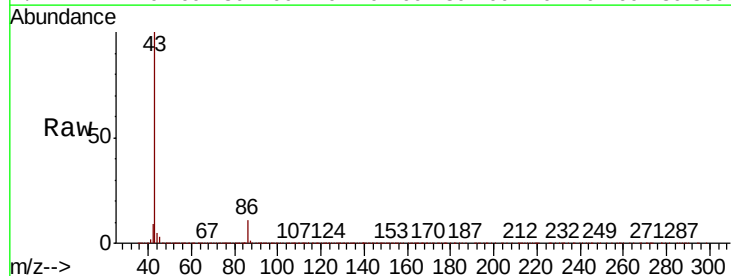
RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

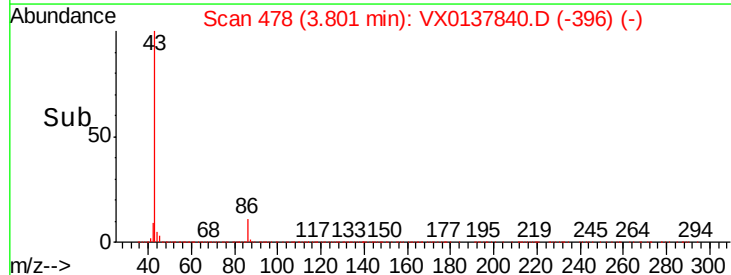
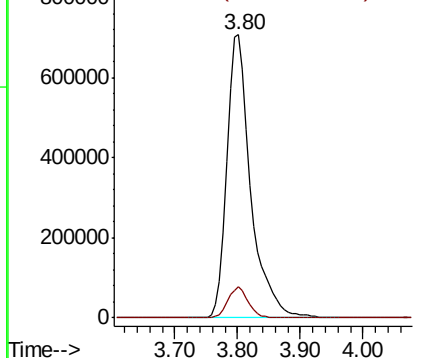
Lab File: VX0137840.D

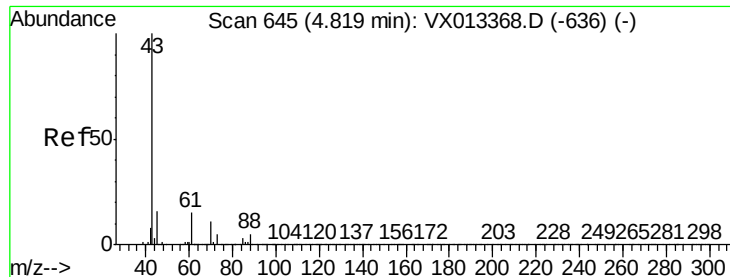
Acq: 07 Dec 2019 14:56

Tgt Ion:	43	Resp:	1859111
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.6	11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





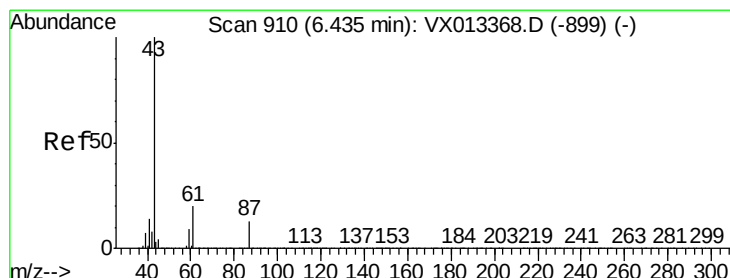
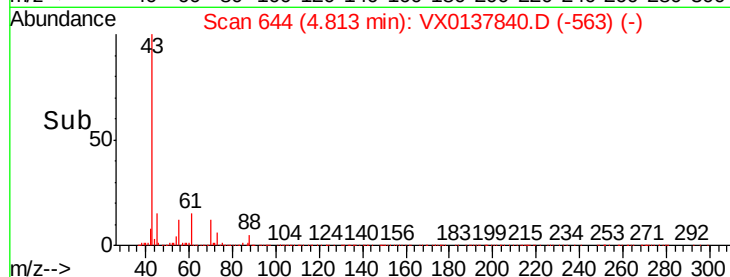
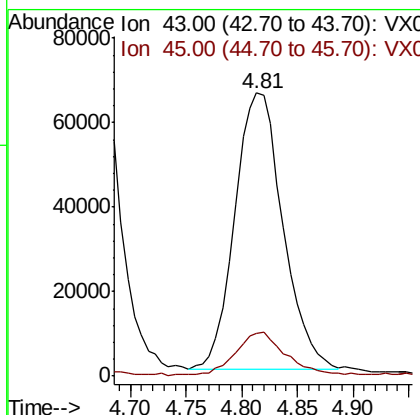
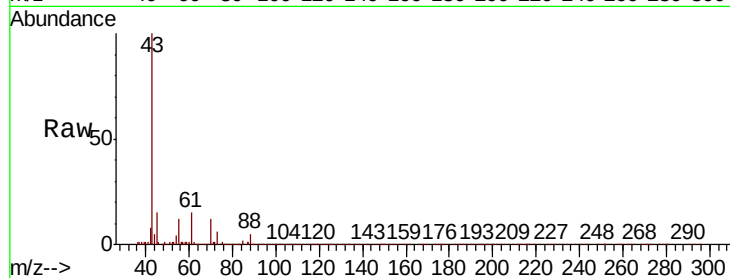
#43
Ethyl Acetate
Concen: 19.147 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.4	10.9	16.3

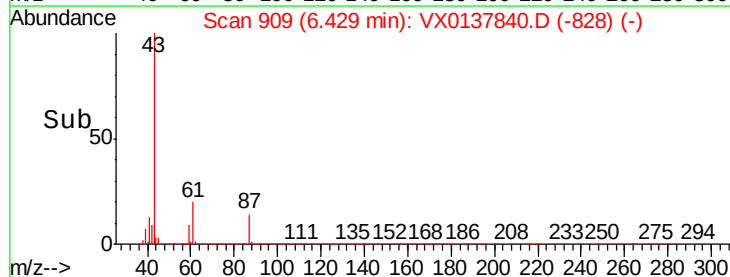
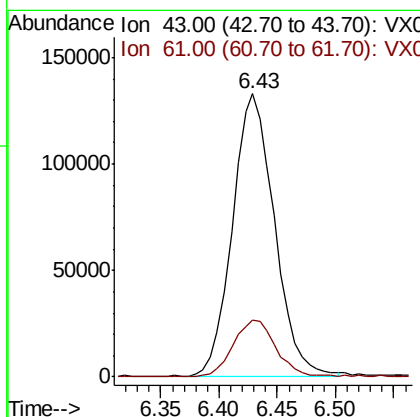
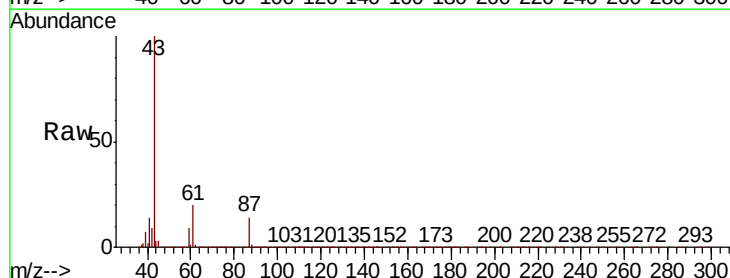
Manual Integrations
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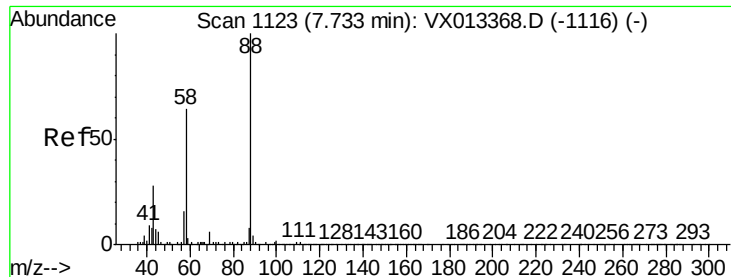
apatel
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#44
Isopropyl Acetate
Concen: 20.176 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8





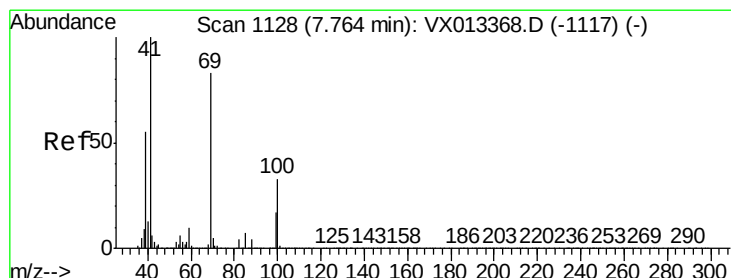
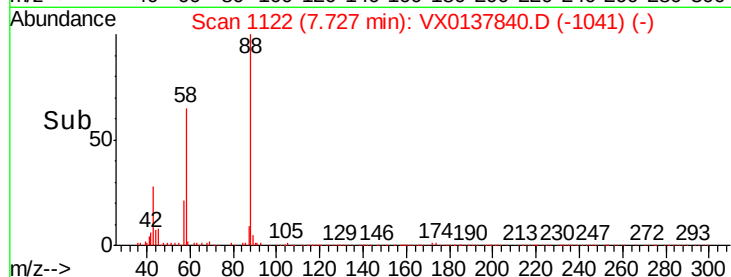
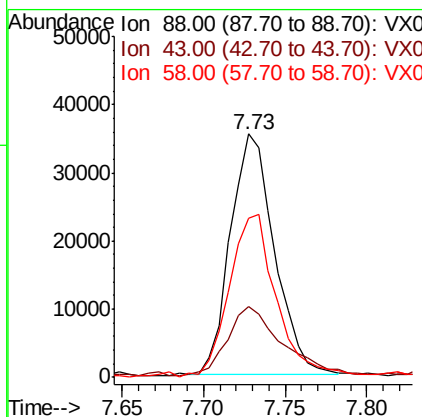
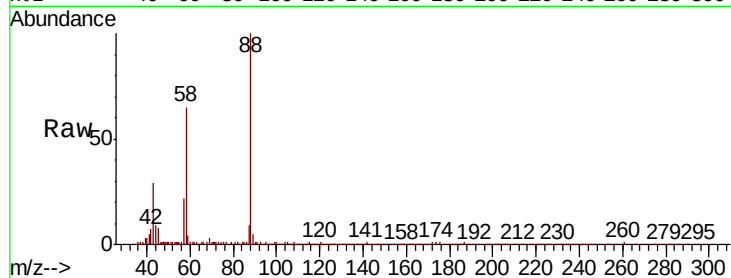
#45
 1,4-Dioxane
 Concen: 364.634 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
88	100	66185		
43	35.4		26.1	39.1
58	72.0		55.8	83.8

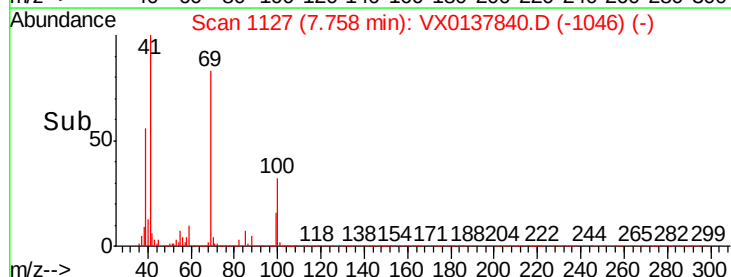
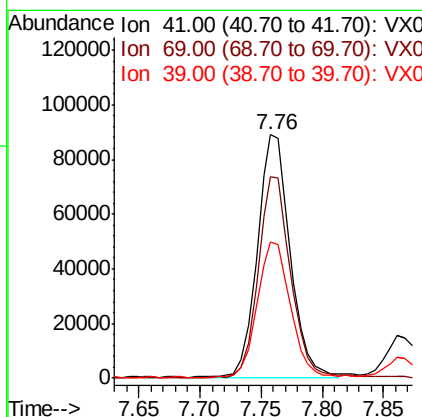
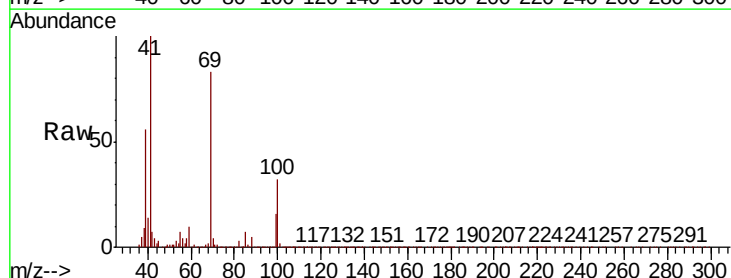
Manual Integrations
 APPROVED

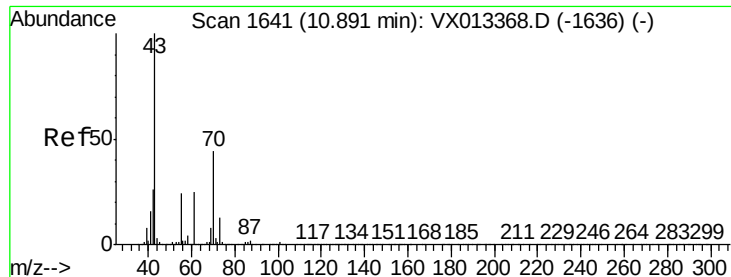
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#46
 Methyl methacrylate
 Concen: 20.209 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	165266		
69	82.8		41.4	124.4
39	55.7		27.9	83.6





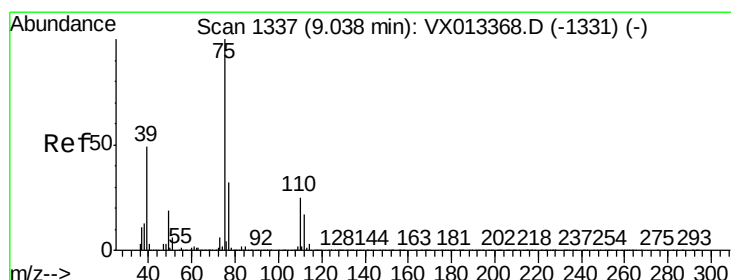
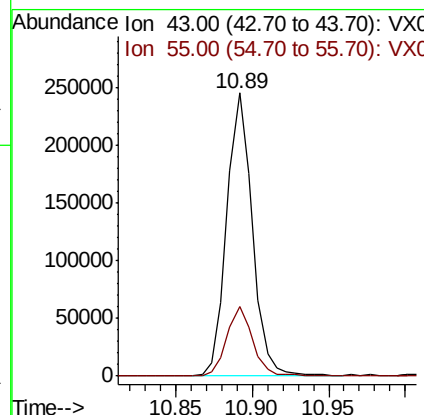
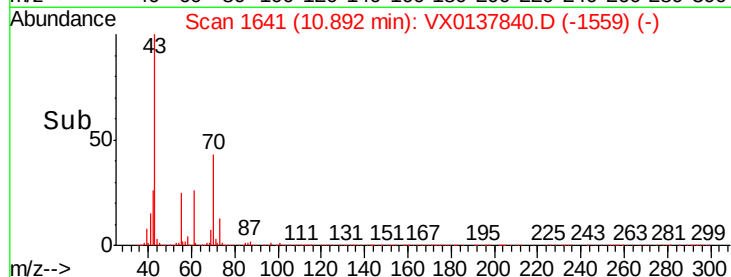
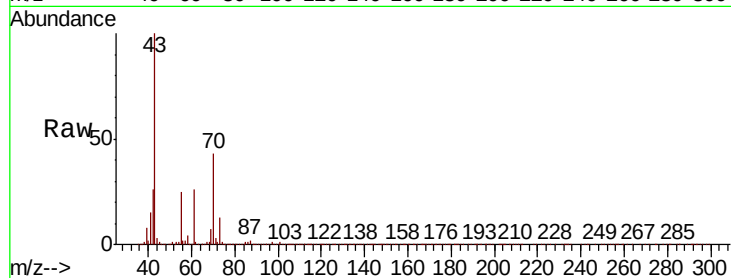
#47
n-amvl Acetate
Concen: 19.639 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 283211
Ion Ratio Lower Upper
43 100
55 25.1 19.0 28.4

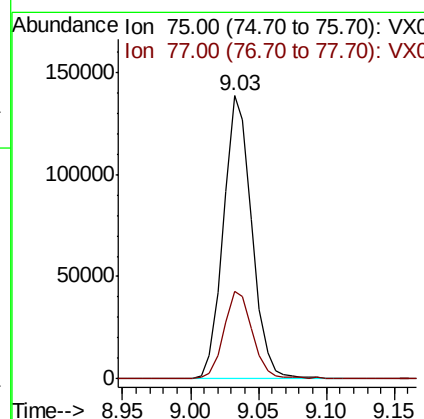
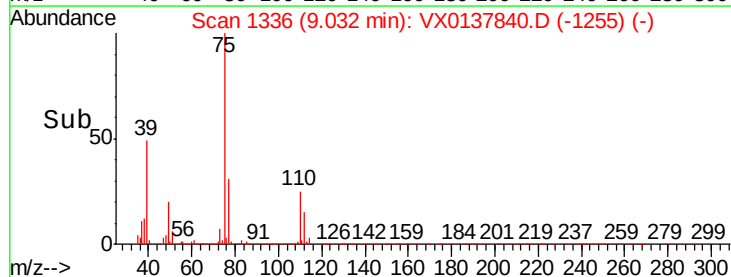
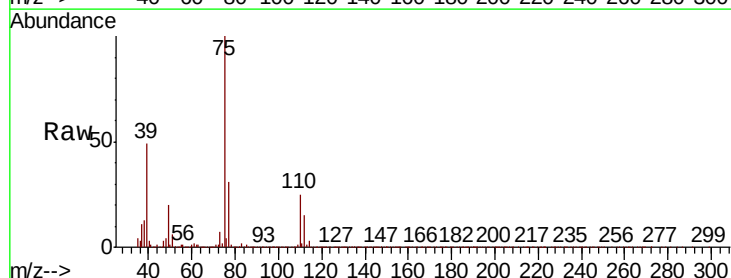
Manual Integrations
APPROVED

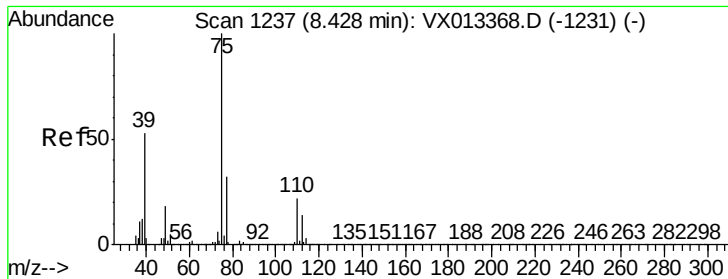
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#48
t-1,3-Dichloropropene
Concen: 20.479 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion: 75 Resp: 198778
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49

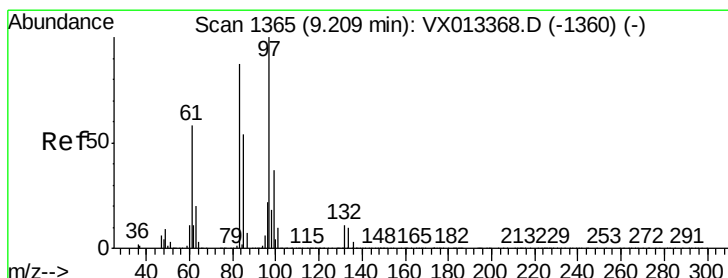
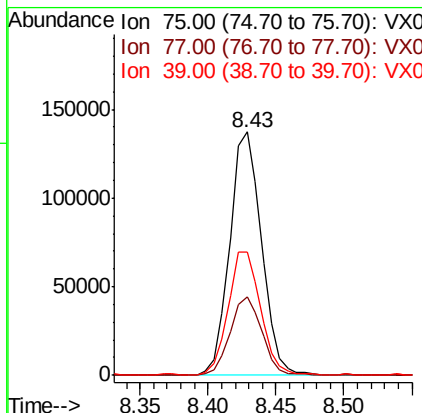
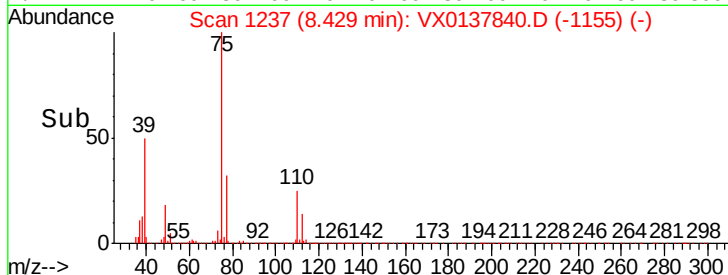
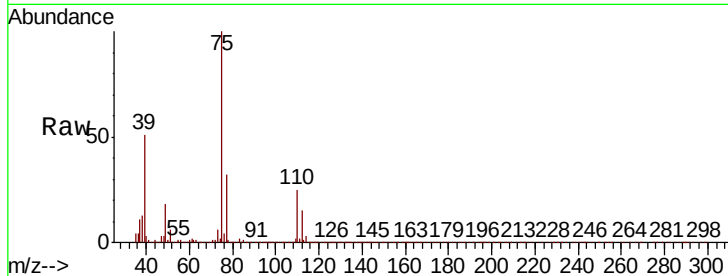
cis-1,3-Dichloropropene
Concen: 21.019 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
75	100	223558		
77	32.1	25.8	38.8	
39	50.3	42.2	63.4	

Manual Integrations
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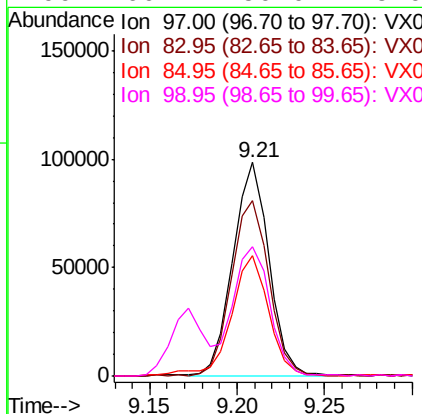
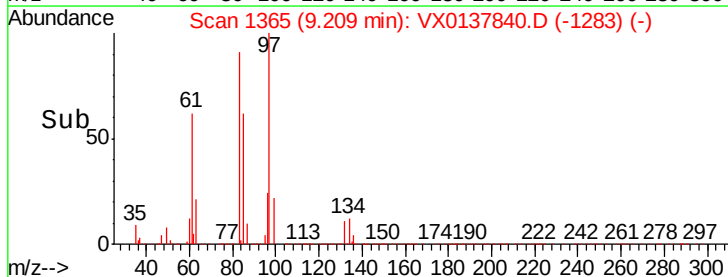
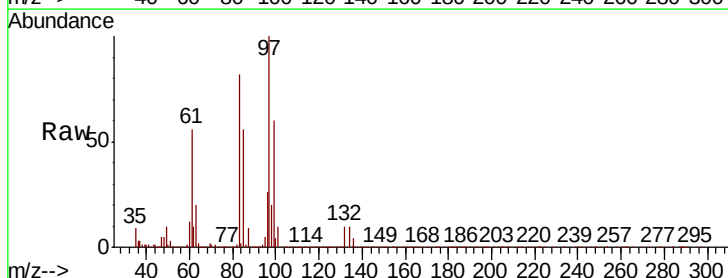
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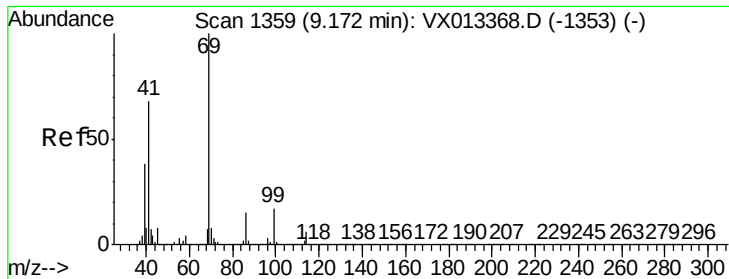


#50

1,1,2-Trichloroethane
Concen: 21.469 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	140878		
83	82.2	69.6	104.4	
85	56.2	45.5	68.3	
99	60.2	50.0	75.0	





#51

Ethyl methacrylate

Concen: 20.757 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

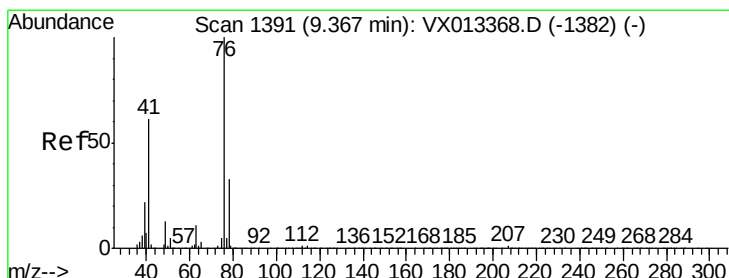
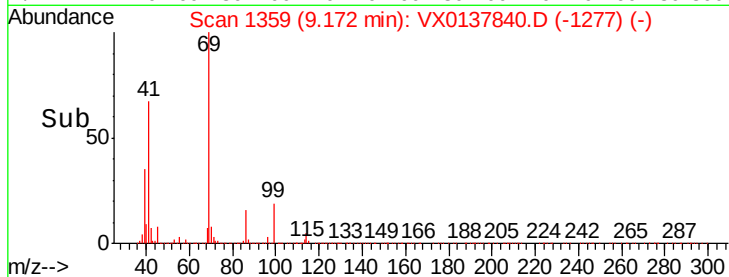
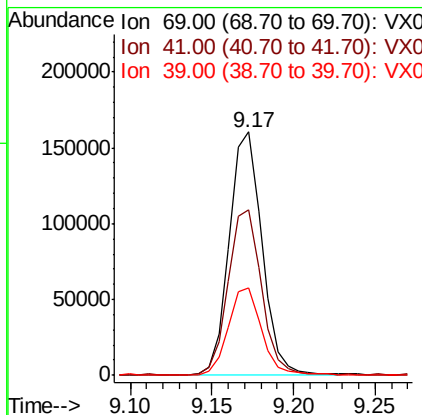
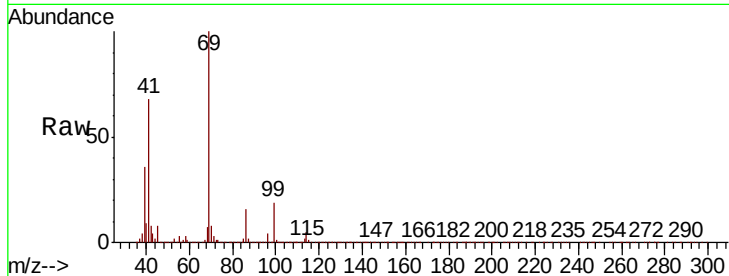
MSVOA_X

ClientSampleId :

Tot Ion:	69	Resp:	224250
Ion Ratio	Lower	Upper	
69	100		
41	67.6	33.9	101.6
39	35.8	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.686 ug/l

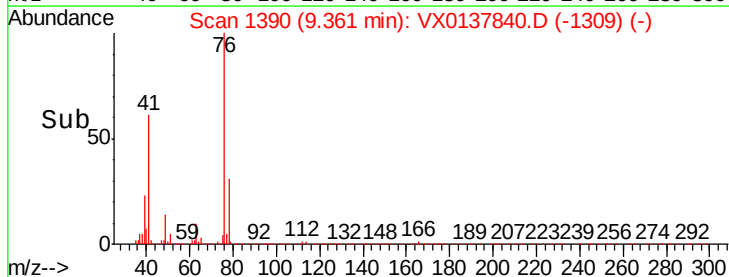
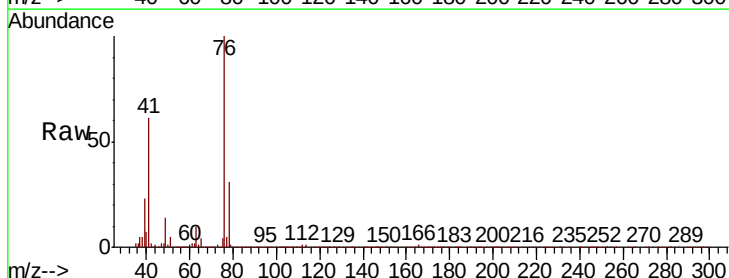
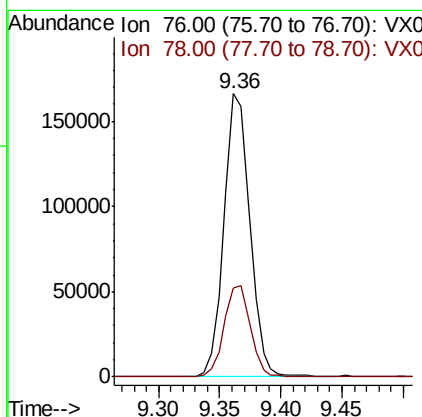
RT: 9.36 min Scan# 1390

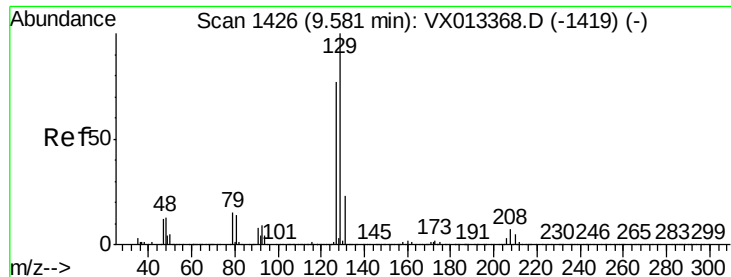
Delta R.T. -0.01 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	76	Resp:	243264
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.6





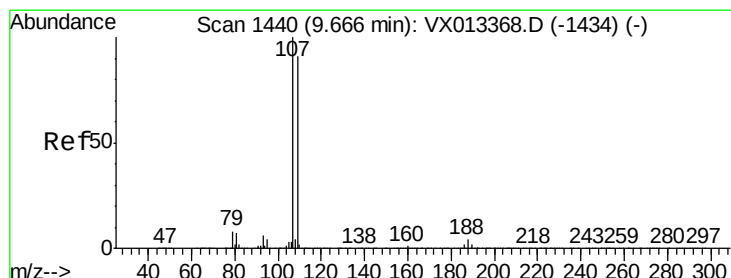
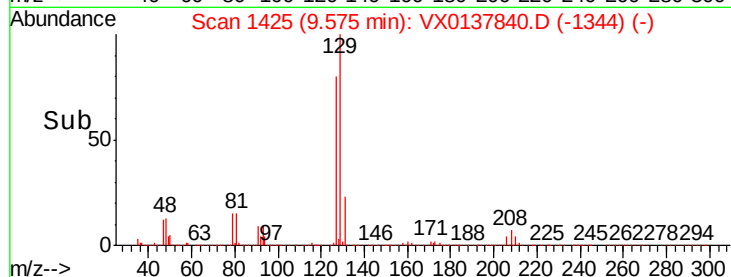
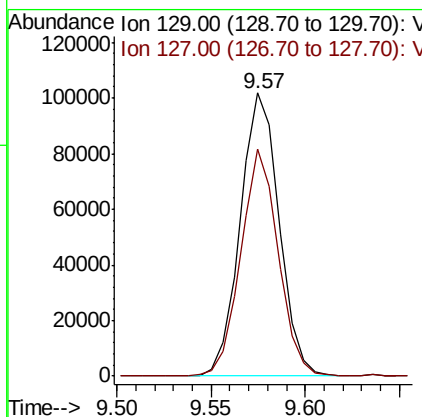
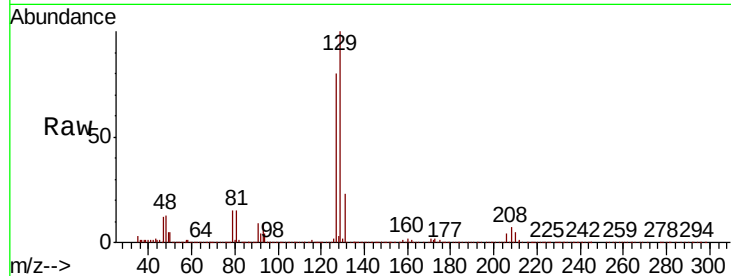
#53
Dibromochloromethane
Concen: 20.896 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	39.6	119.0

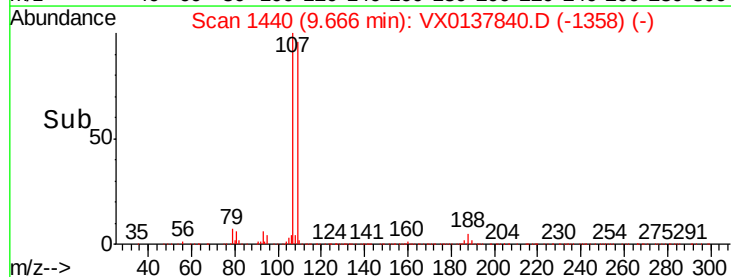
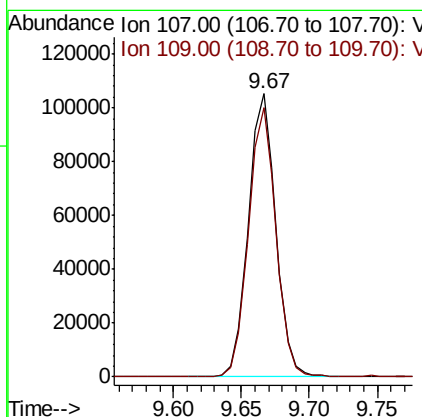
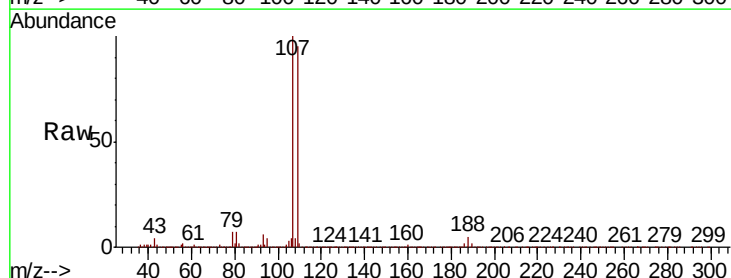
Manual Integrations
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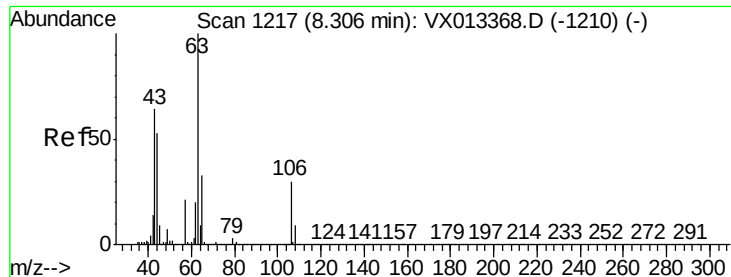
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#54
1,2-Dibromoethane
Concen: 21.248 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.8	73.9	110.9





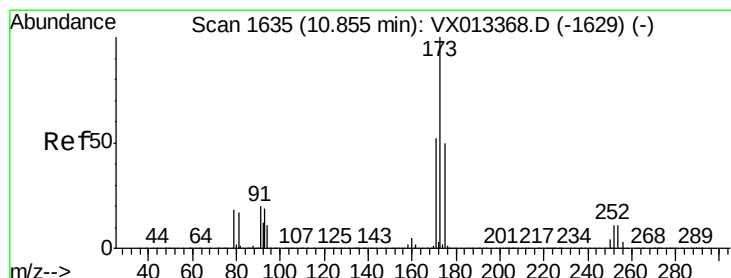
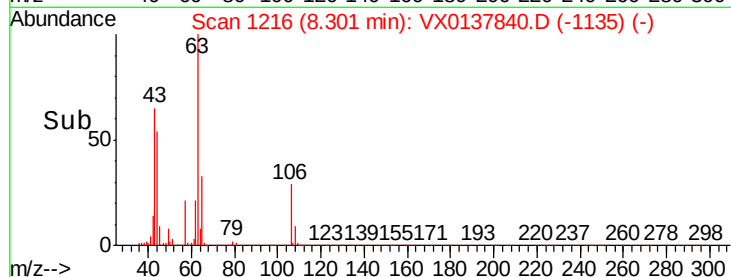
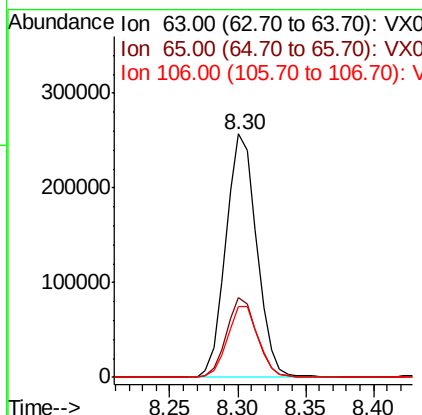
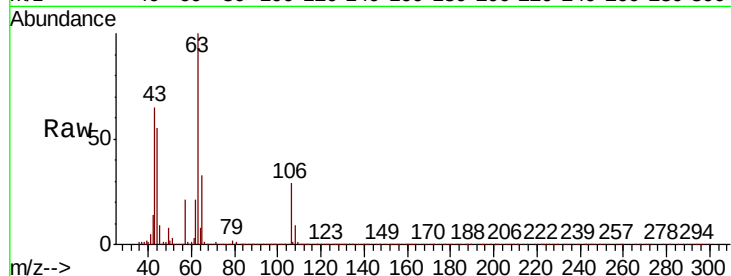
#55
2-Chloroethyl vinyl ether
Concen: 87.588 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.0	39.0
106	29.6	23.5	35.3

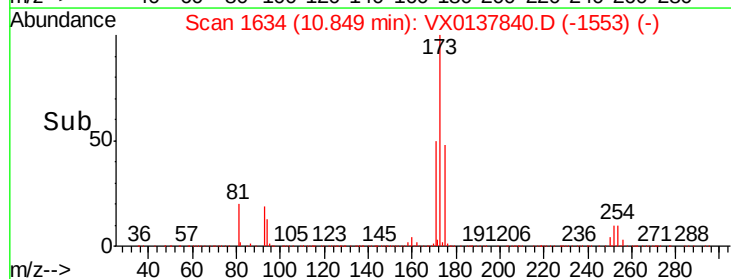
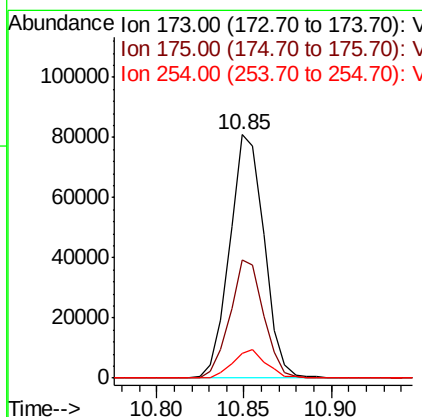
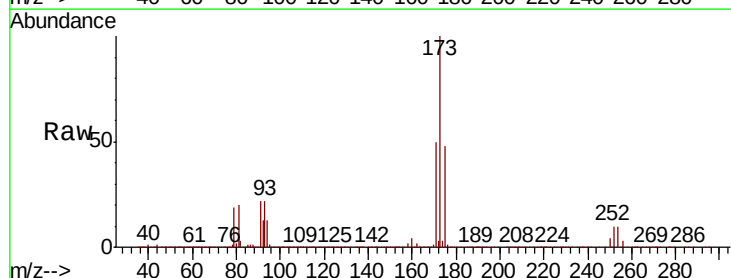
Manual Integrations
APPROVED

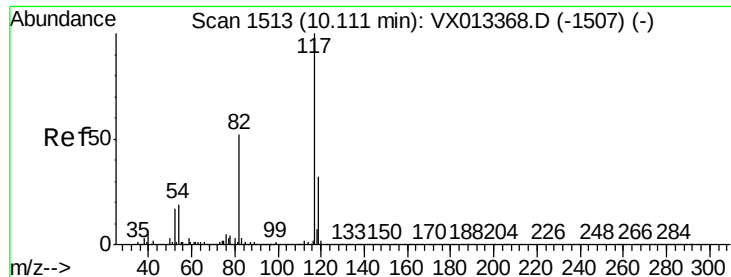
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#56
Bromoform
Concen: 20.033 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.4	59.0
254	11.1	8.6	12.8





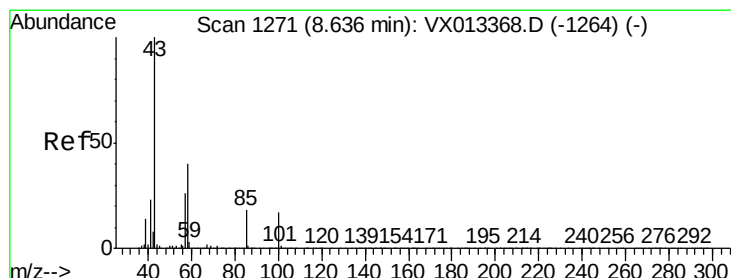
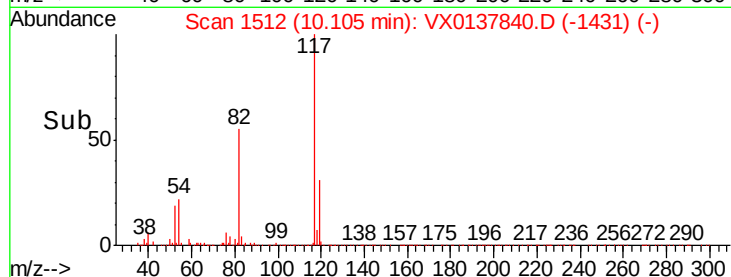
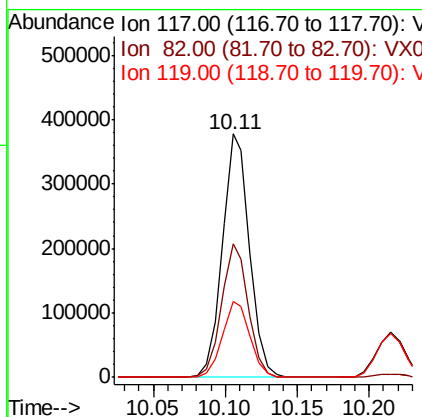
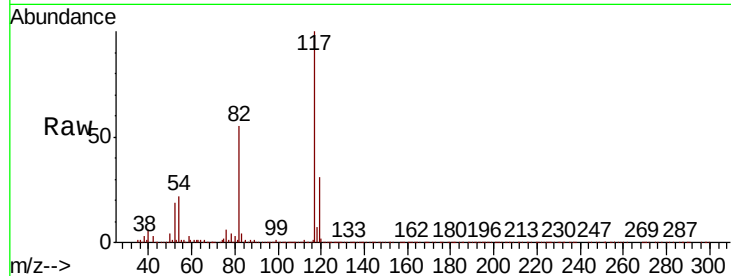
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497615		
82	54.2	43.7	65.5	
119	31.7	25.5	38.3	

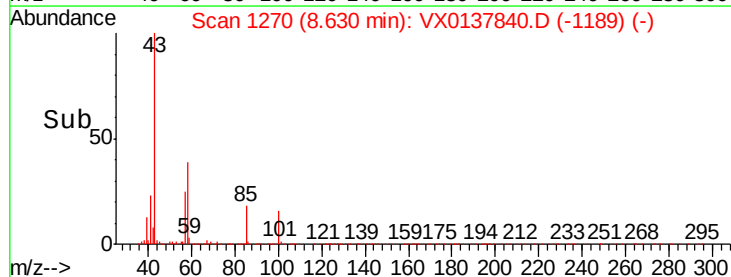
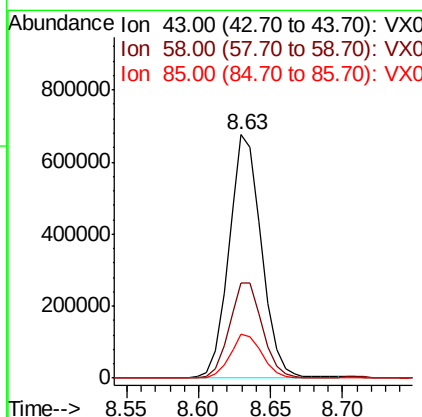
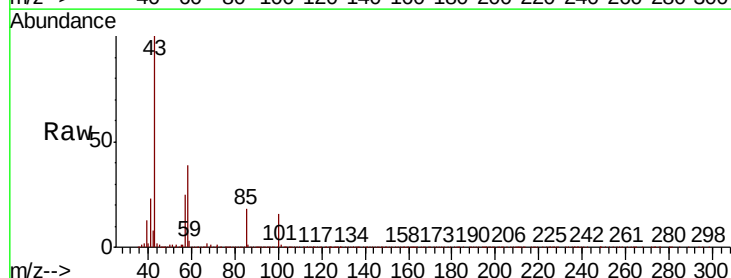
Manual Integrations
APPROVED

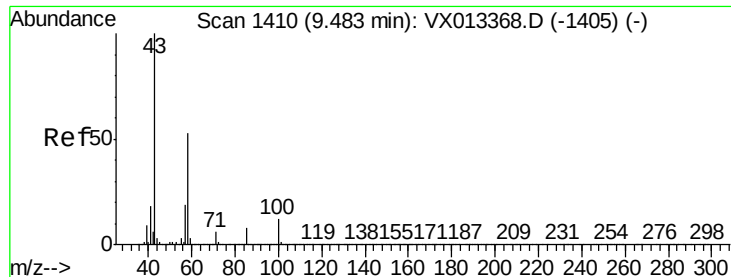
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#58
4-Methyl-2-Pentanone
Concen: 101.837 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1058627		
58	40.0	31.6	47.4	
85	17.8	14.2	21.2	





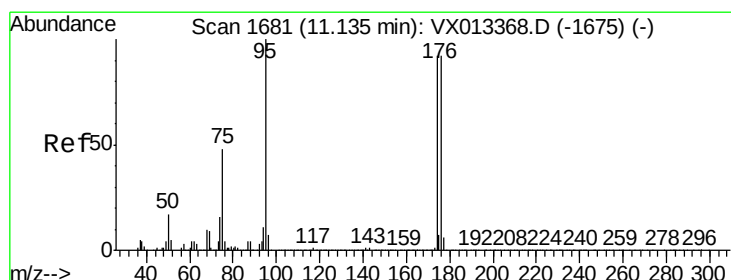
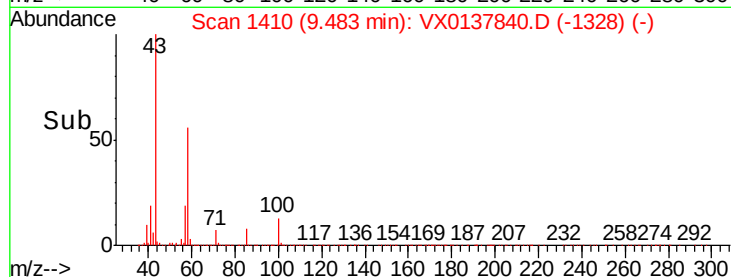
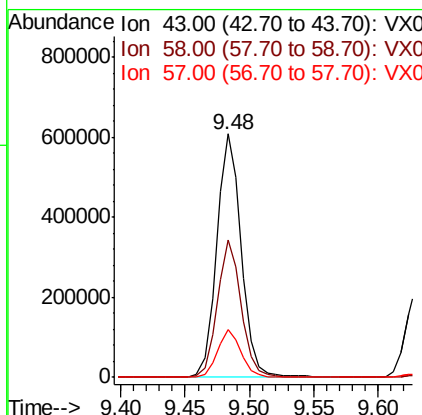
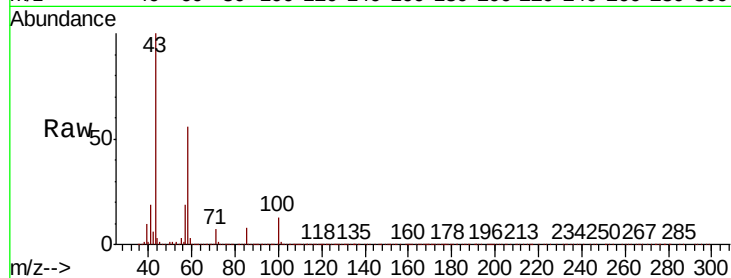
#59
2-Hexanone
Concen: 98.745 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.8	65.6
57	18.8	15.1	22.7

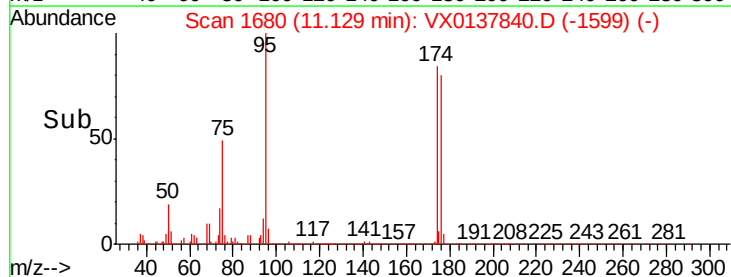
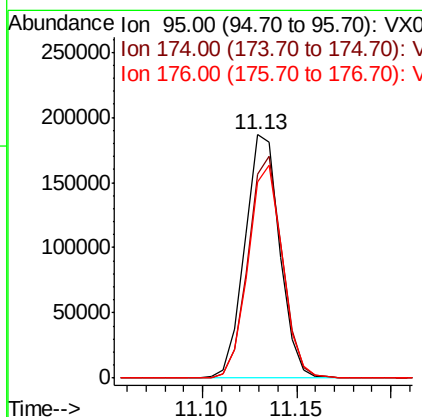
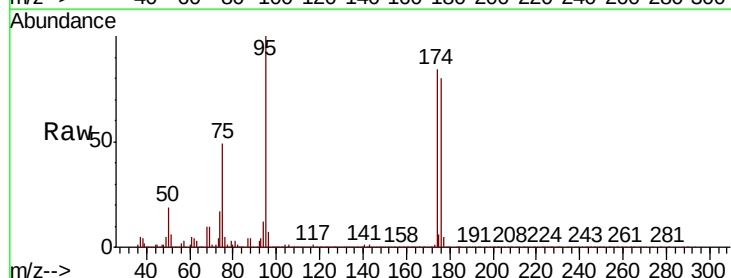
Manual Integrations
APPROVED

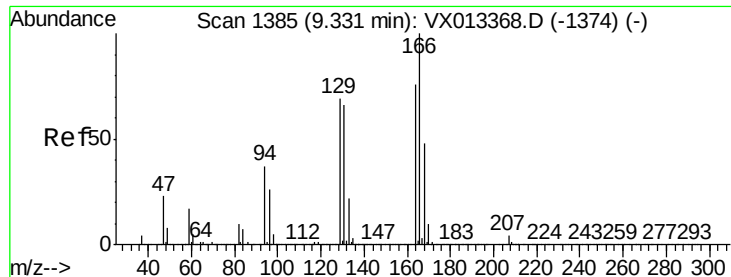
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12/9/2019 2:07:29 PM



#60
4-Bromofluorobenzene
Concen: 29.959 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	70.2	105.2
176	86.5	68.3	102.5





#61

Tetrachloroethene

Concen: 21.982 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX0137840.D

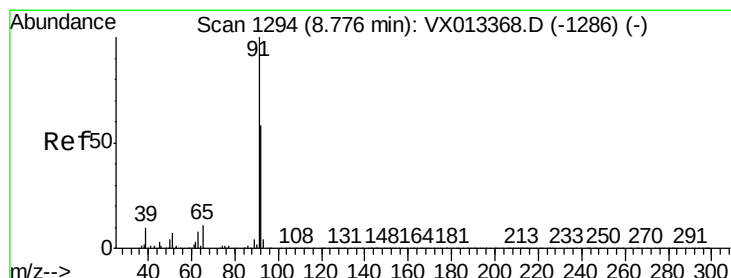
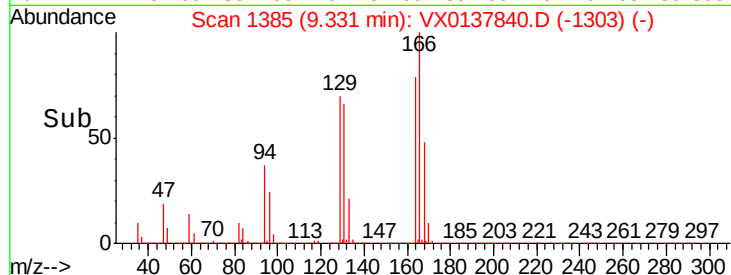
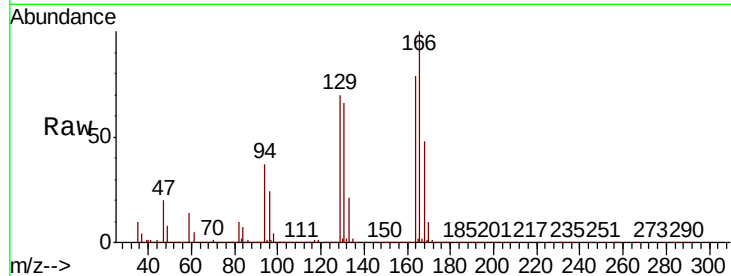
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.9	104.9	157.3	
129	88.9	72.3	108.5	
131	84.3	69.0	103.6	

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#62

Toluene

Concen: 20.976 ug/l

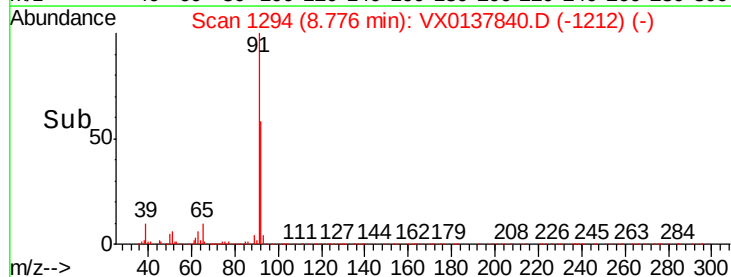
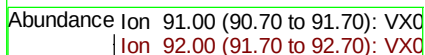
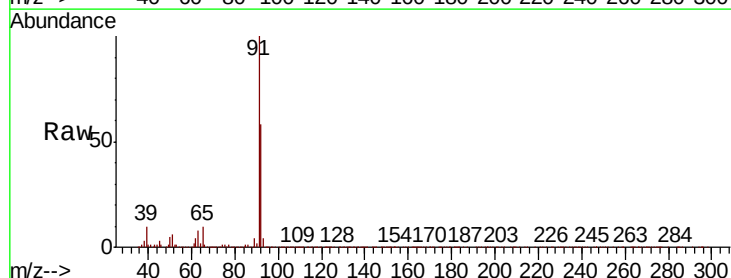
RT: 8.78 min Scan# 1294

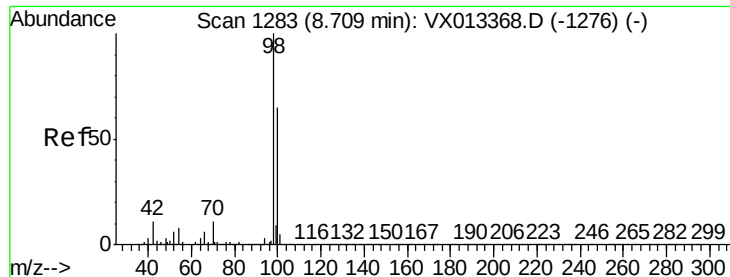
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	59.2	46.6	69.8	





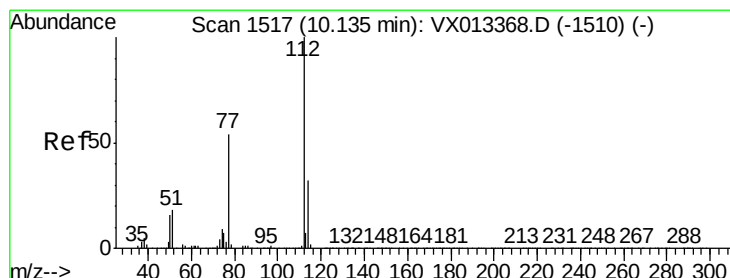
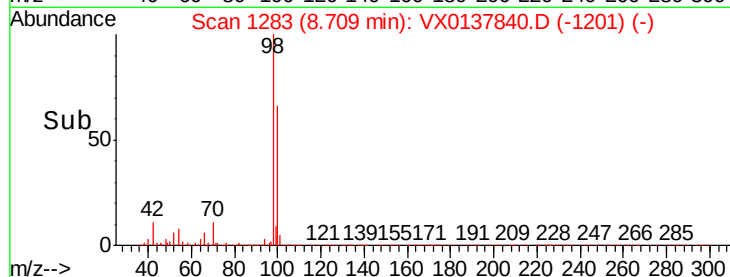
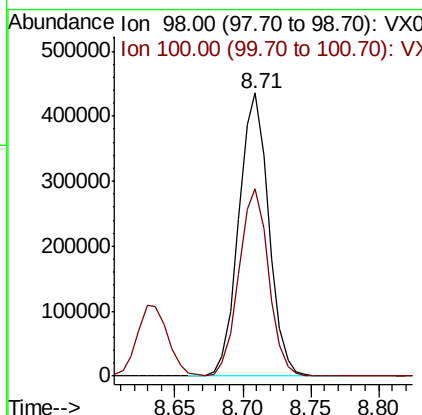
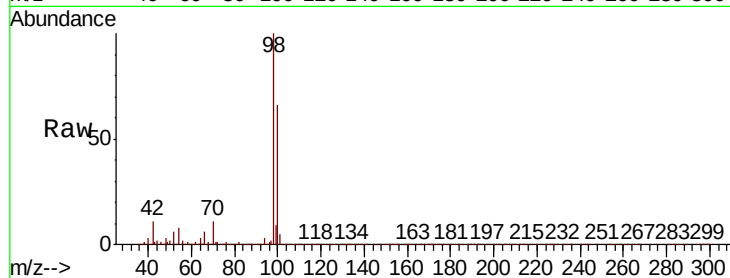
#63
Toluene-d8
Concen: 29.695 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 668196
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

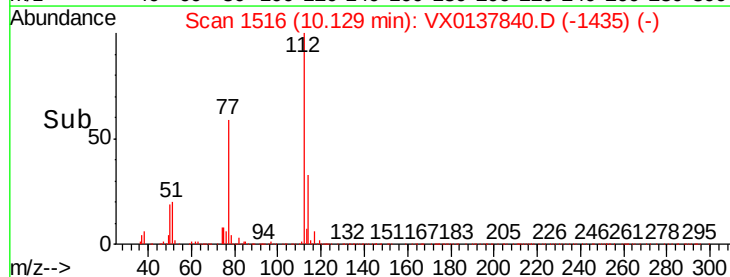
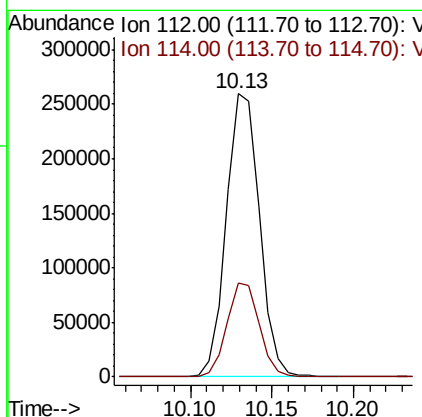
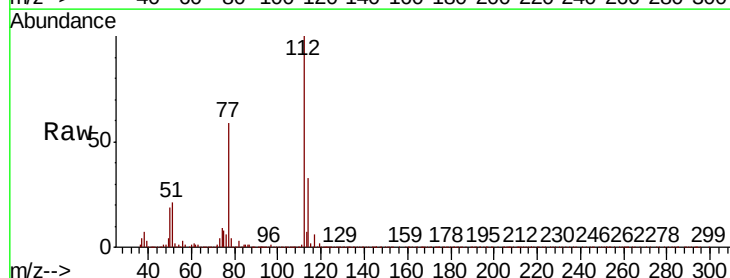
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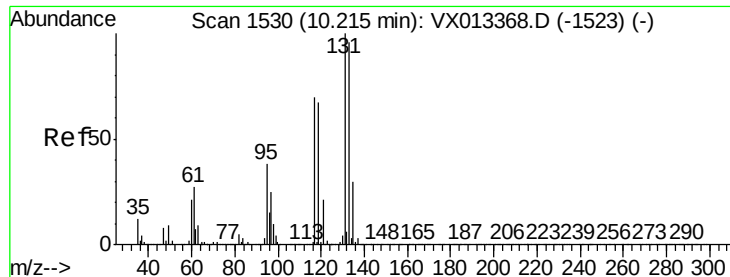
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#64
Chlorobenzene
Concen: 21.244 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion: 112 Resp: 368181
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 21.101 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

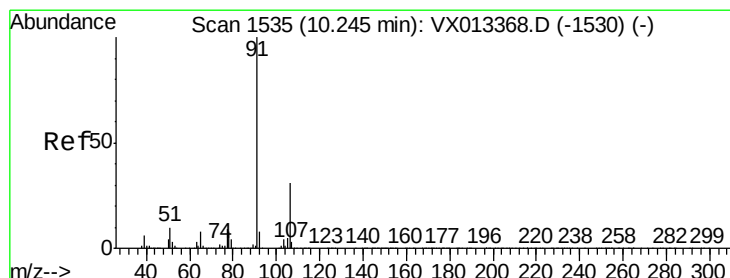
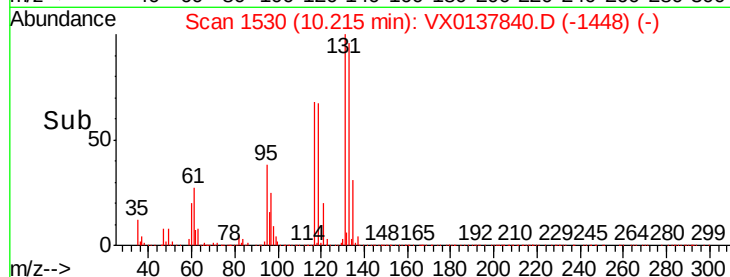
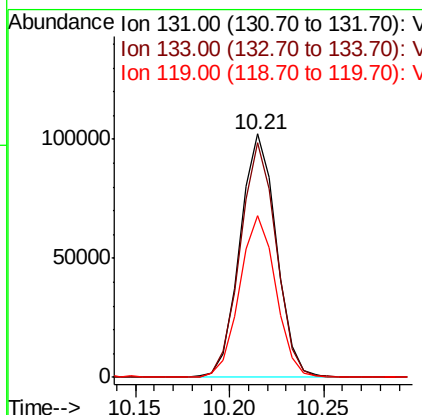
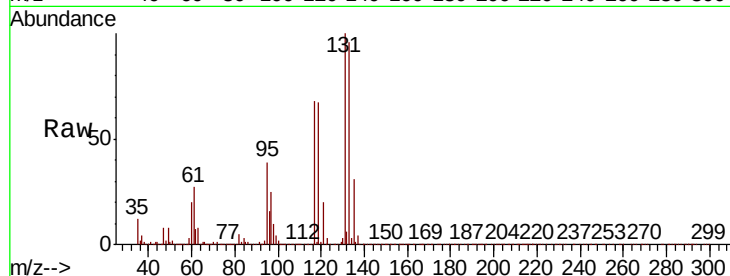
MSVOA_X

ClientSampled :

Tot Ion:	131	Resp:	136892
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	192.2
119	66.3	0.0	134.4

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#66

Ethyl Benzene

Concen: 21.215 ug/l

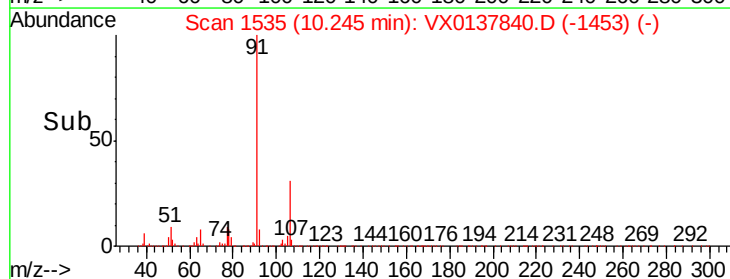
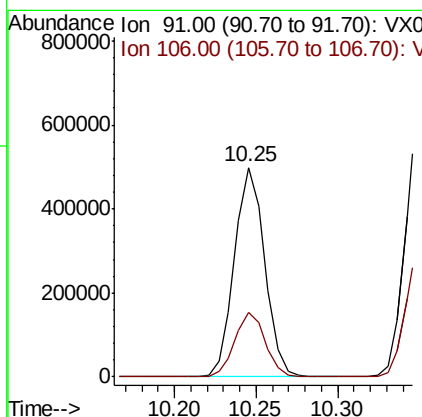
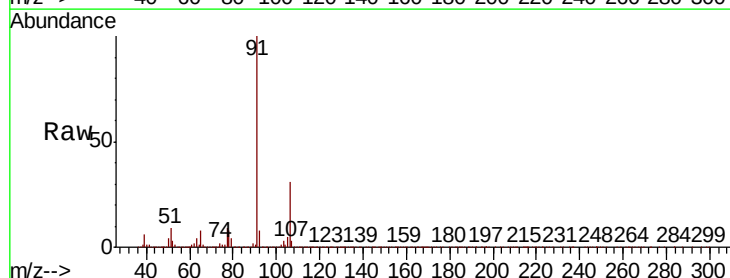
RT: 10.25 min Scan# 1535

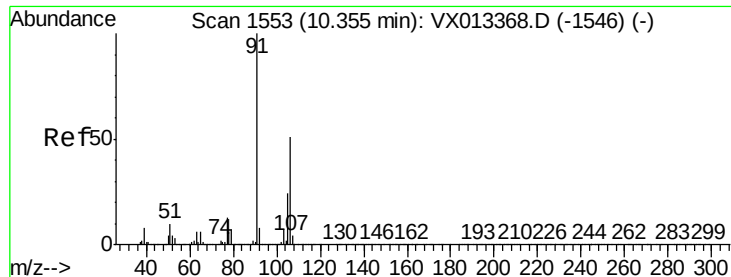
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	91	Resp:	646027
Ion Ratio	Lower	Upper	
91	100		
106	31.0	25.0	37.4





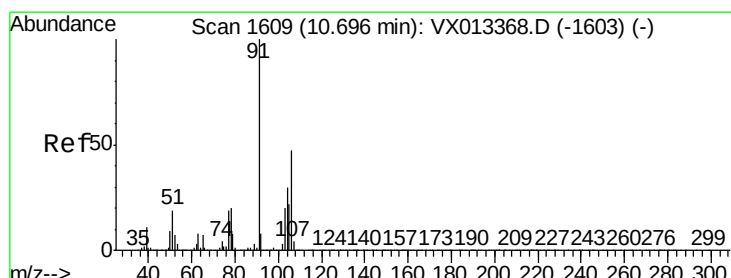
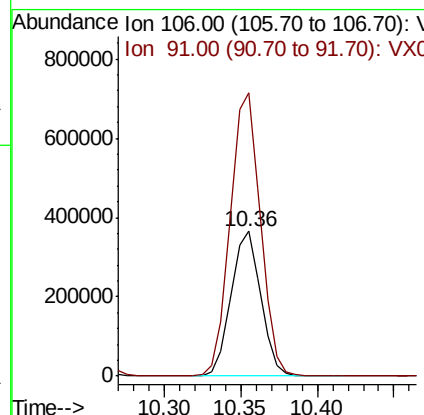
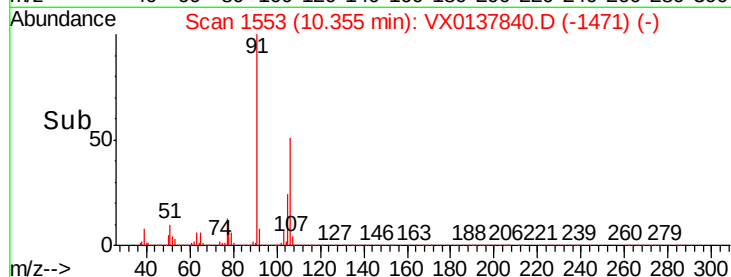
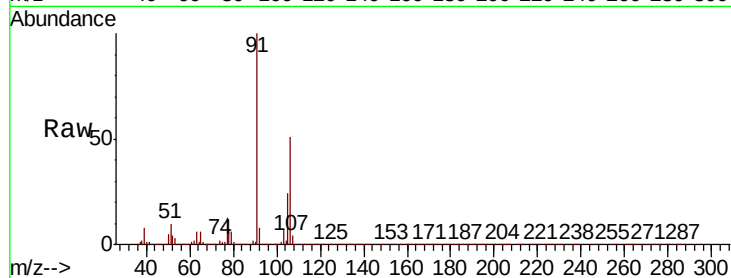
#67
m/p-Xylenes
Concen: 41.673 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
106	100	489505		
91	199.5	158.4	237.6	

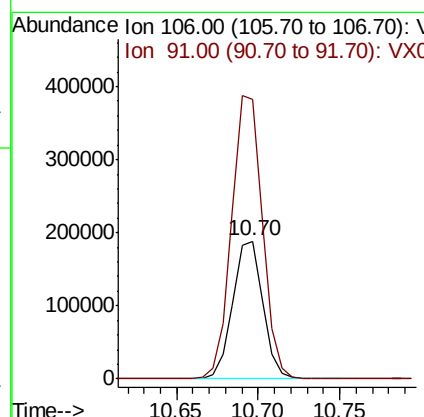
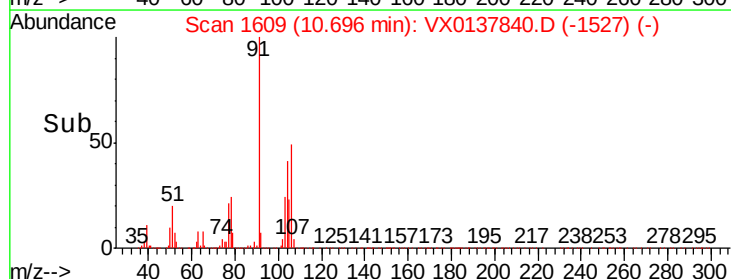
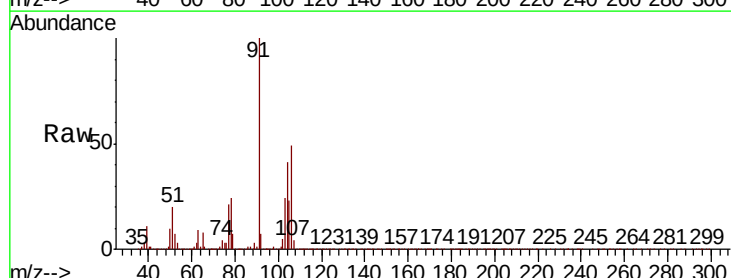
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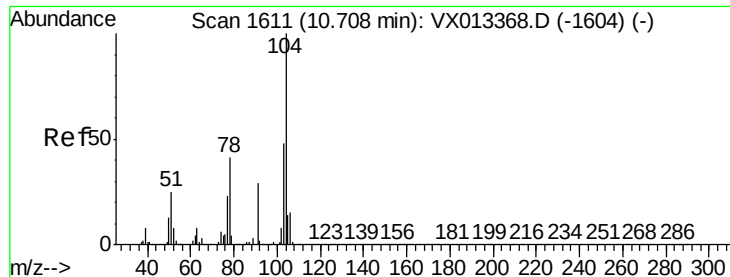
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#68
o-Xylene
Concen: 21.297 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	241419		
91	210.1	106.4	319.2	





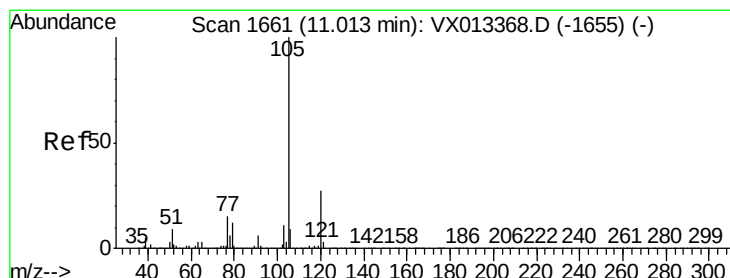
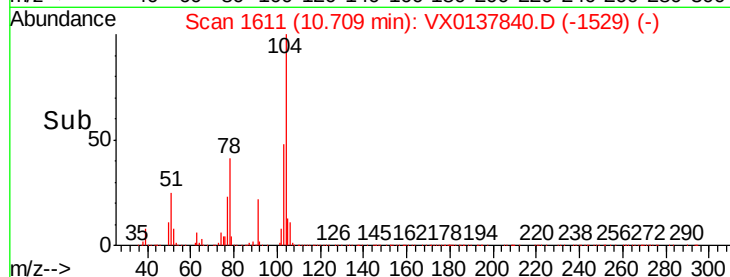
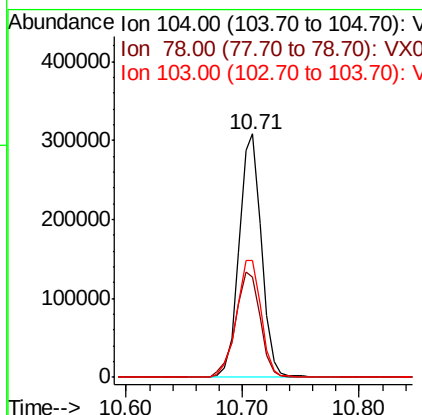
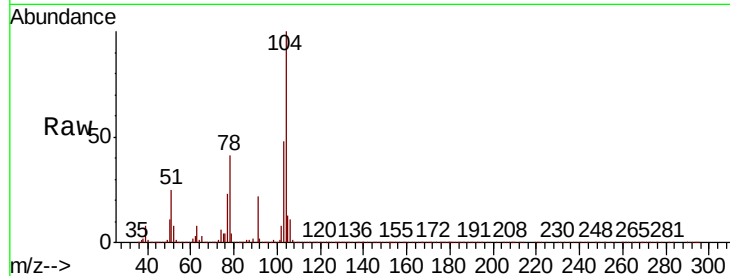
#69
Stvrene
Concen: 21.247 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.2	57.4
103	53.2	43.2	64.8

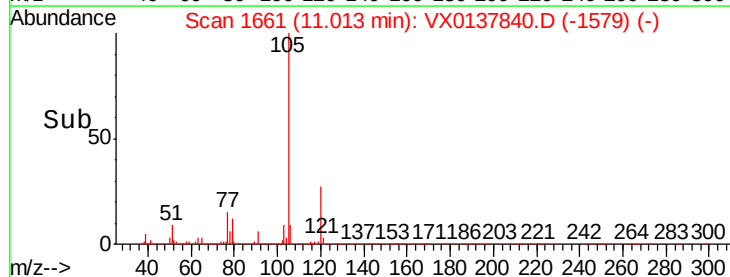
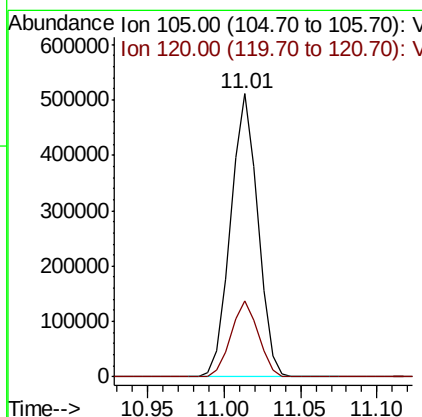
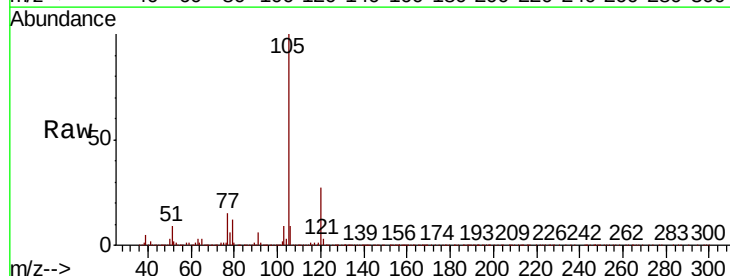
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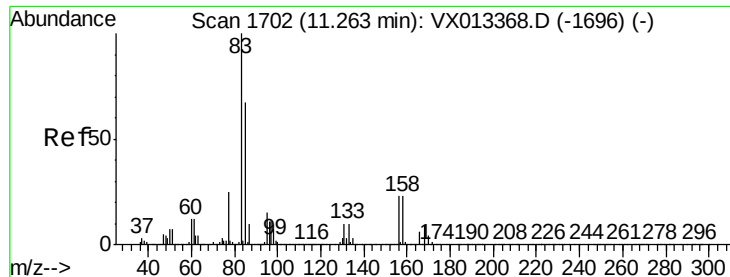
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#70
Isopropylbenzene
Concen: 21.048 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.544 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

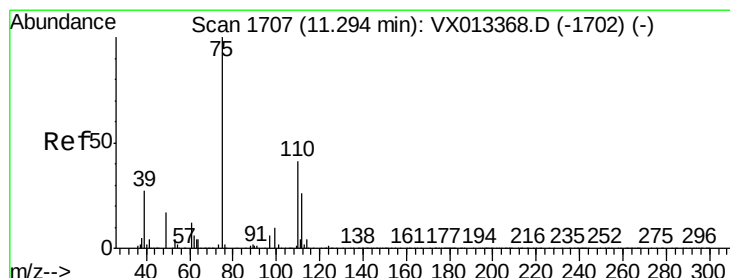
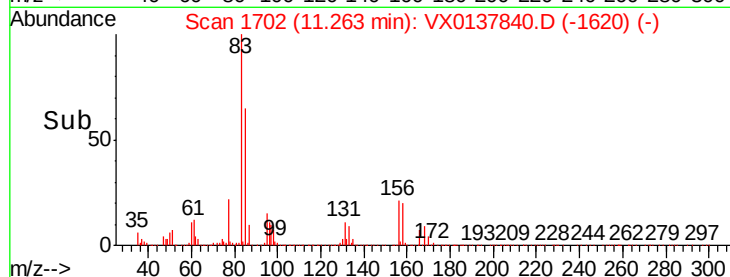
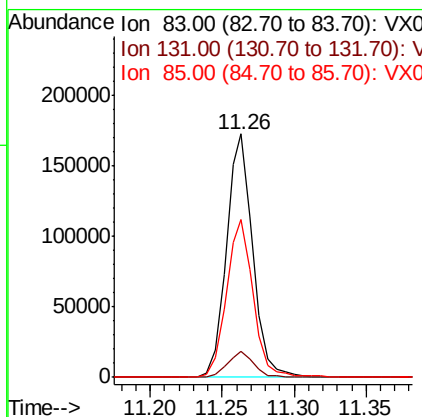
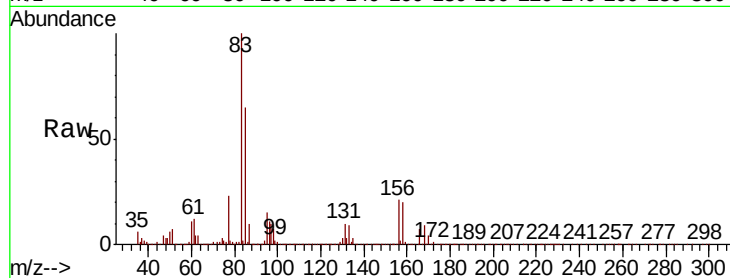
MSVOA_X

ClientSampled :

Tot Ion:	83	Resp:	219724
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.7	14.1
85	65.4	32.6	97.7

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#72

1,2,3-Trichloropropane

Concen: 20.085 ug/l m

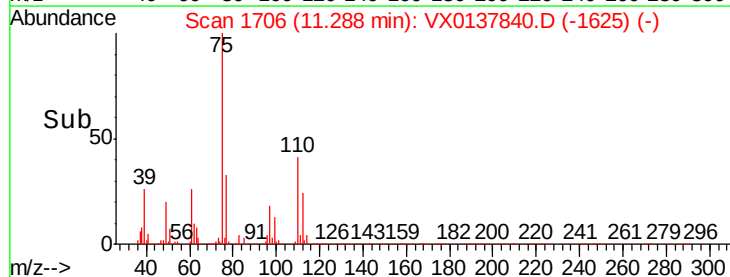
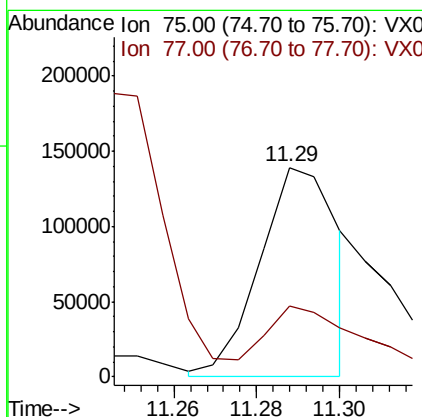
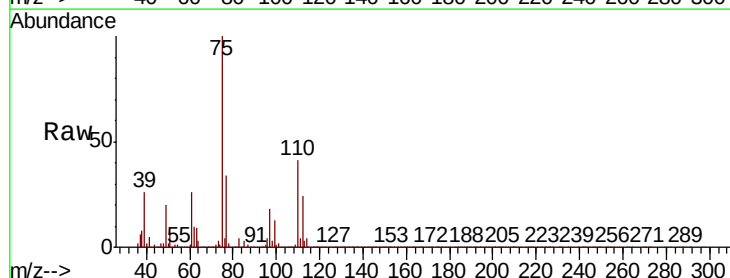
RT: 11.29 min Scan# 1706

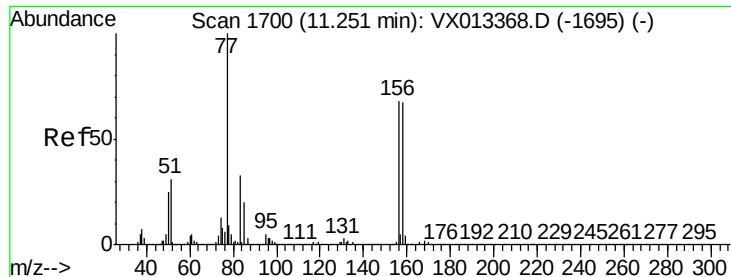
Delta R.T. -0.01 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	75	Resp:	181381
Ion Ratio	Lower	Upper	
75	100		
77	40.4	0.0	86.2





#73

Bromobenzene

Concen: 21.342 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

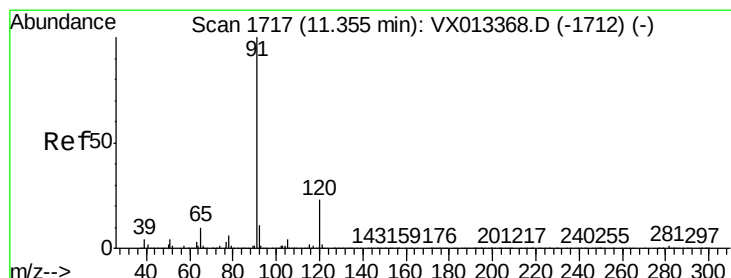
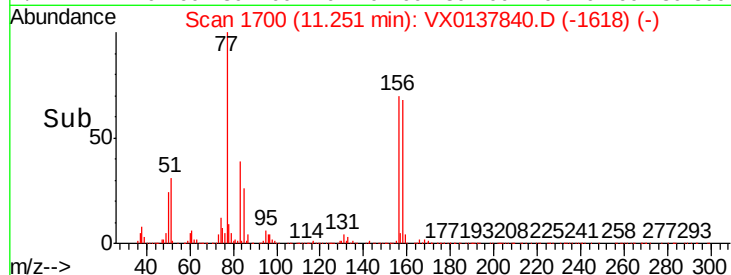
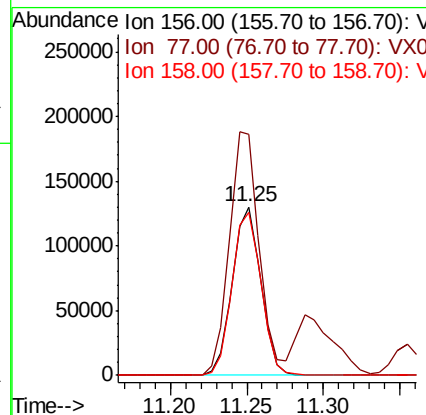
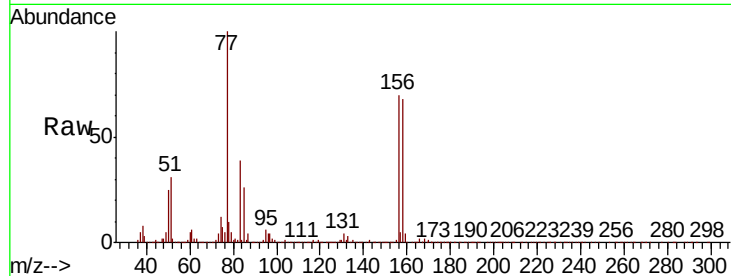
MSVOA_X

ClientSampleId :

Tot Ion:	156	Resp:	168118
Ion Ratio	Lower	Upper	
156	100		
77	151.0	0.0	308.8
158	98.1	0.0	197.0

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#74

n-propylbenzene

Concen: 21.256 ug/l

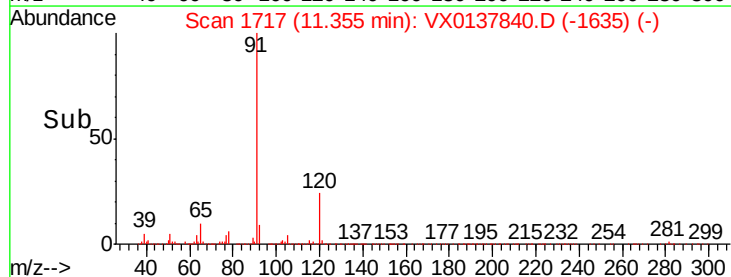
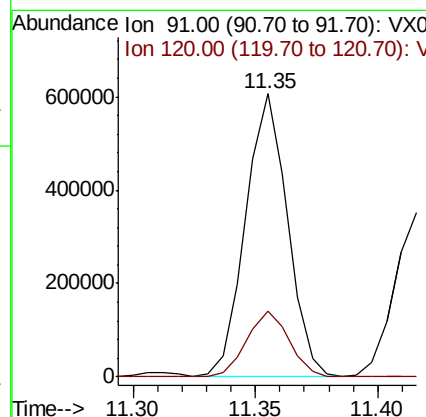
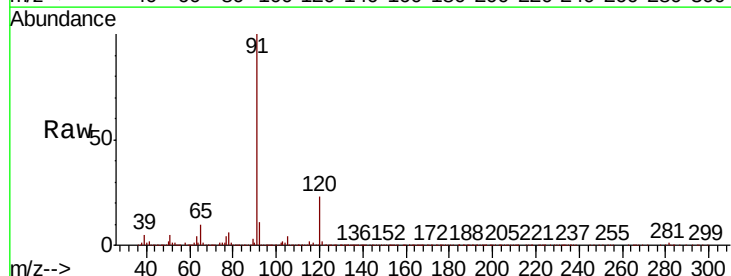
RT: 11.35 min Scan# 1717

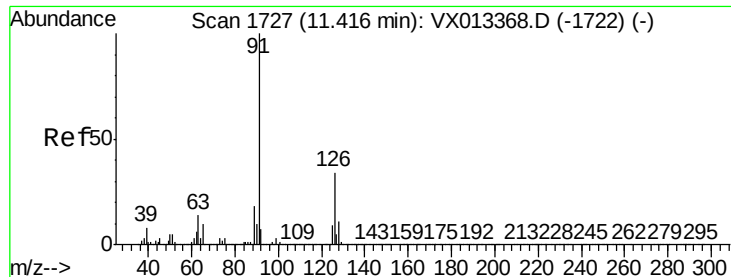
Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Tgt Ion:	91	Resp:	721553
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.2





#75

2-Chlorotoluene

Concen: 21.347 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 91 Resp: 430920

Ion Ratio Lower Upper

91 100

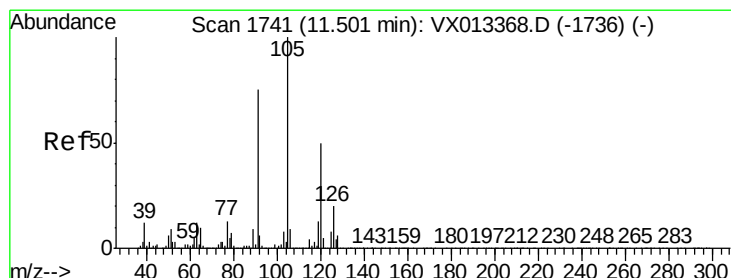
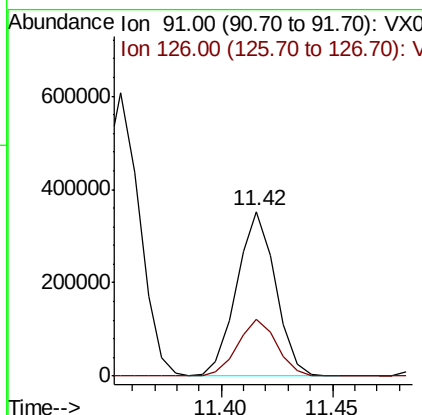
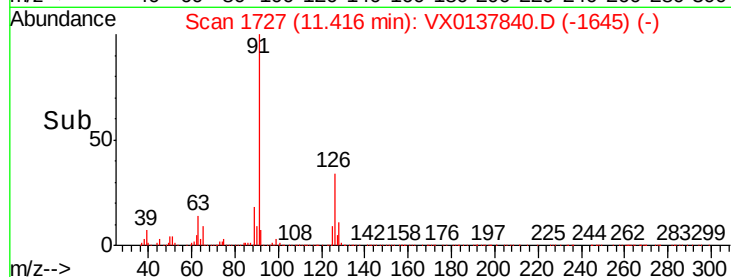
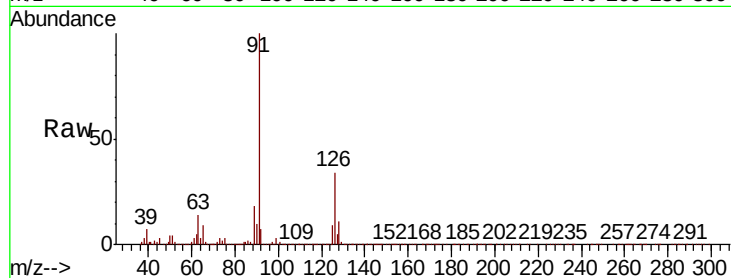
126 34.6 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 21.106 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX0137840.D

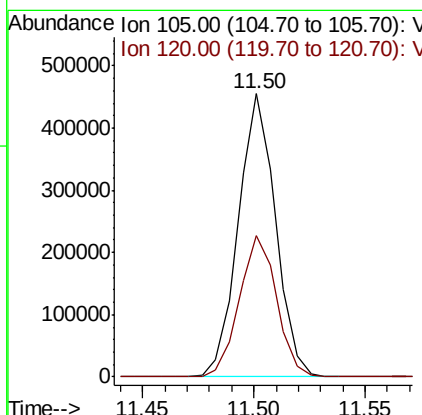
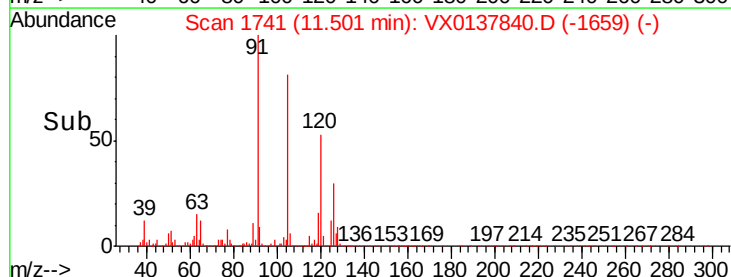
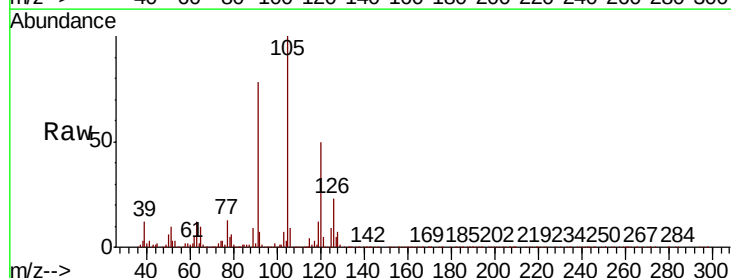
Acq: 07 Dec 2019 14:56

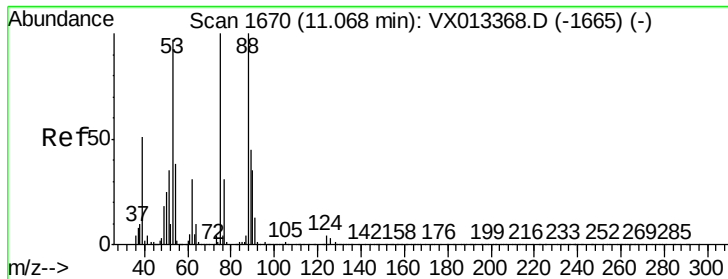
Tgt Ion: 105 Resp: 529930

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.0





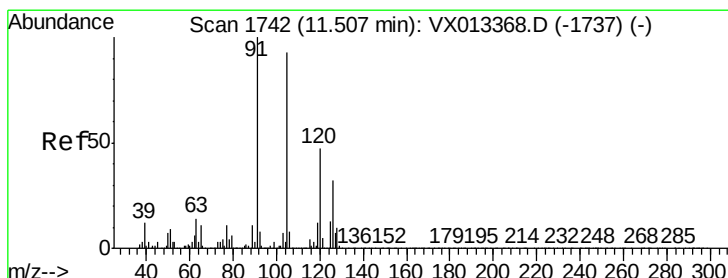
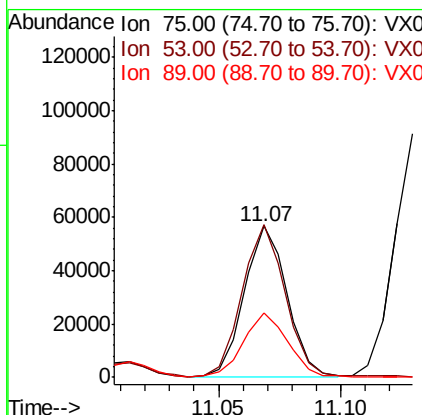
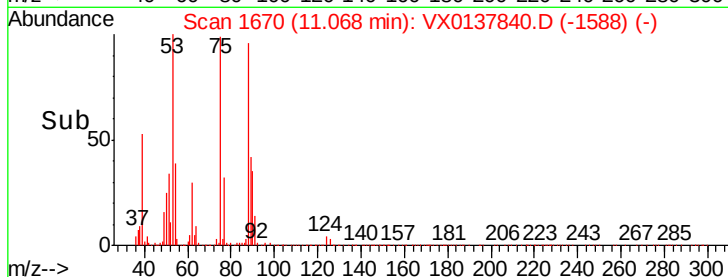
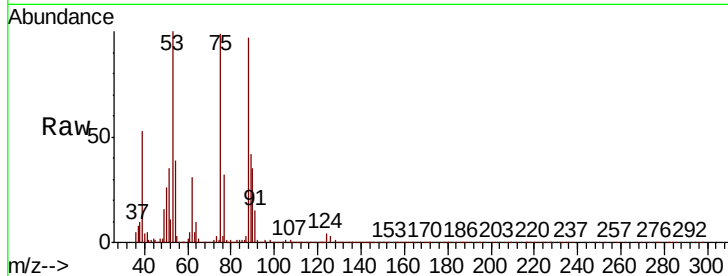
#77
t-1,4-Dichloro-2-butene
Concen: 18.750 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.0	48.8	146.3
89	42.2	22.3	66.8

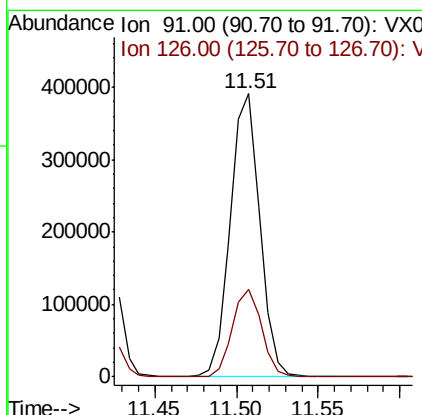
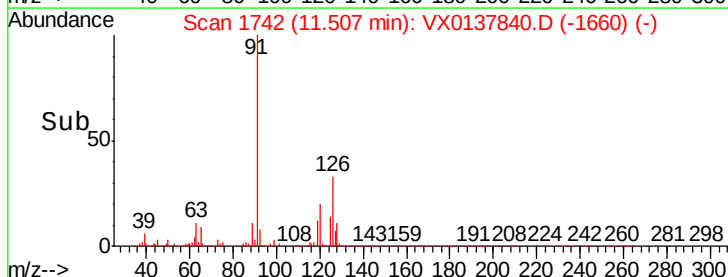
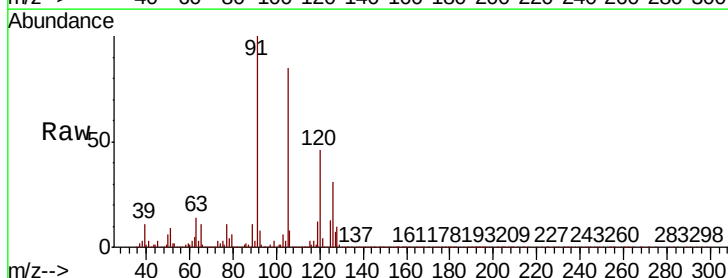
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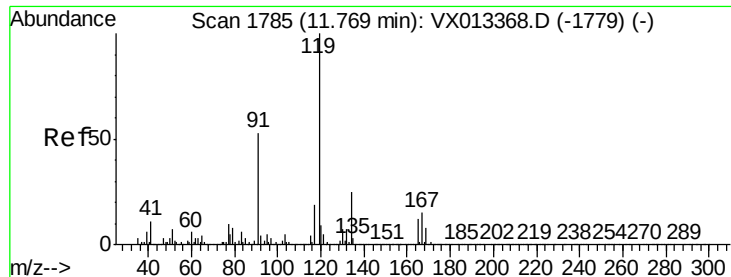
apatel
12/9/2019 2:07:29 PM



#78
4-Chlorotoluene
Concen: 21.185 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.0





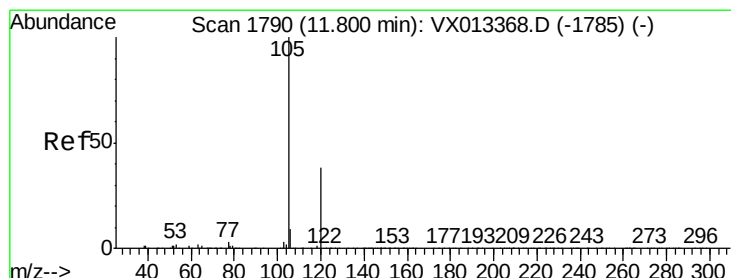
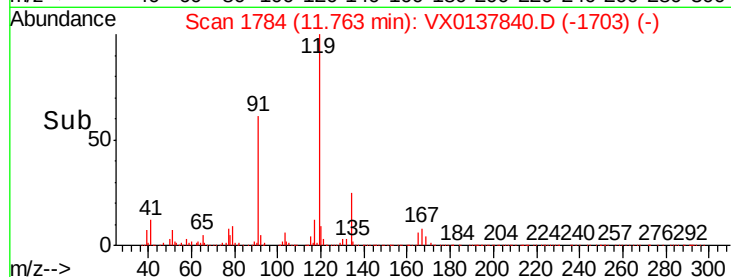
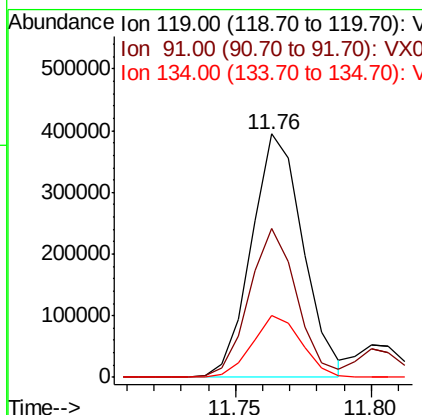
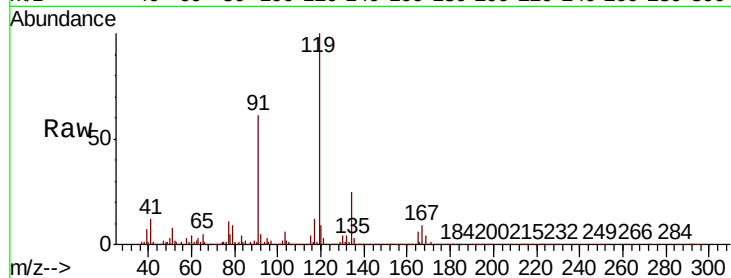
#79
tert-butylbenzene
Concen: 20.482 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
119	100	518870		
91	56.5	0.0	109.6	
134	24.4	0.0	47.8	

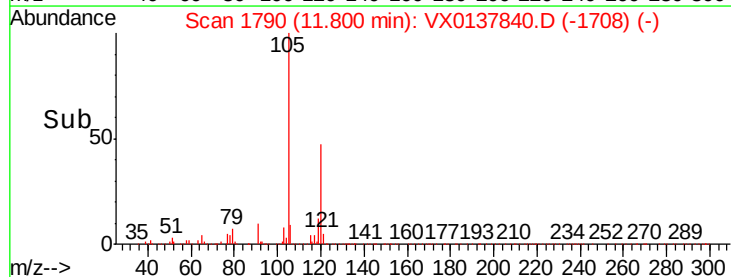
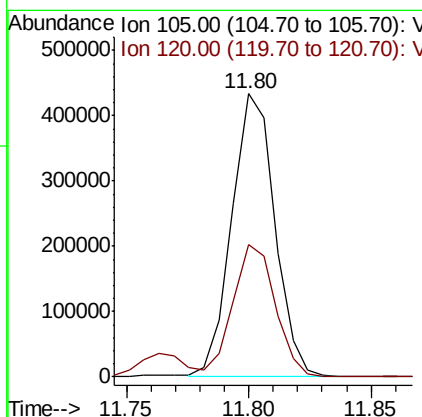
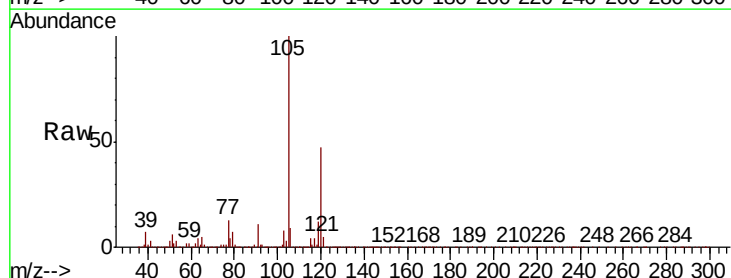
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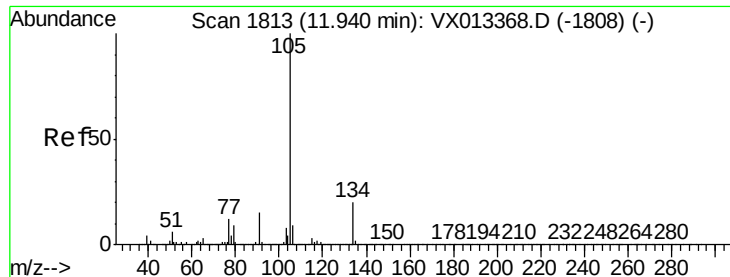
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#80
1,2,4-Trimethylbenzene
Concen: 21.120 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	528426		
120	46.4	0.0	94.0	





#81

sec-Butylbenzene

Concen: 21.321 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:105 Resp: 616244

Ion Ratio Lower Upper

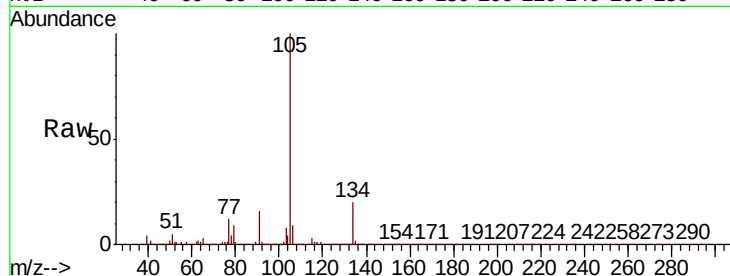
105 100

134 20.7 0.0 41.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

0

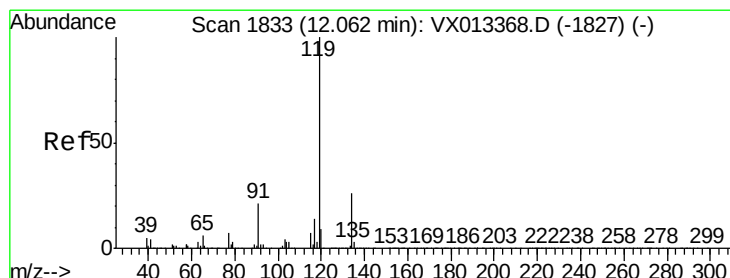
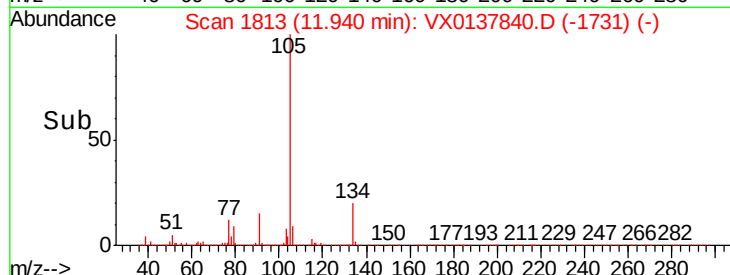
11.90

11.94

11.95

12.00

Time-->



#82

p-Isopropyltoluene

Concen: 20.839 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX0137840.D

Acq: 07 Dec 2019 14:56

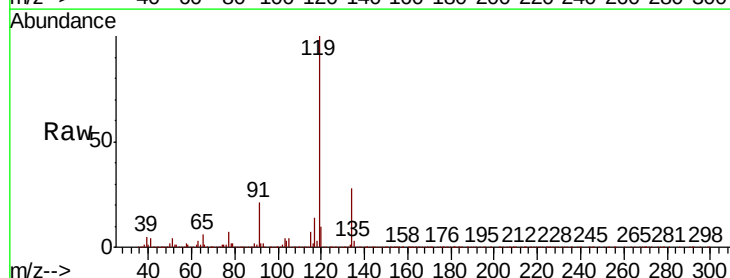
Tgt Ion:119 Resp: 554935

Ion Ratio Lower Upper

119 100

134 27.1 0.0 51.6

91 22.8 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

600000

500000

400000

300000

200000

100000

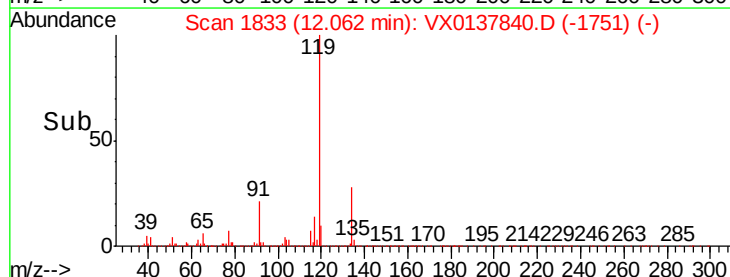
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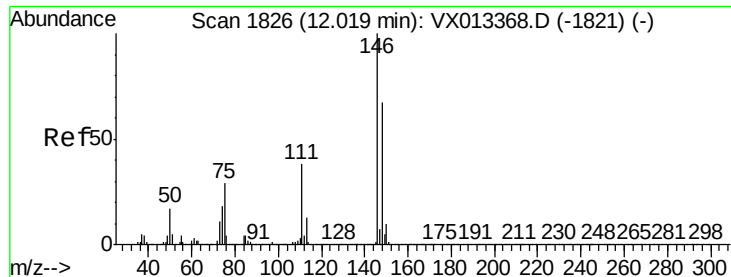
12.00

12.05

12.10

Time-->





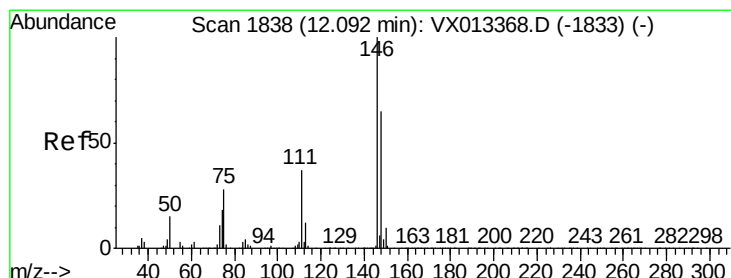
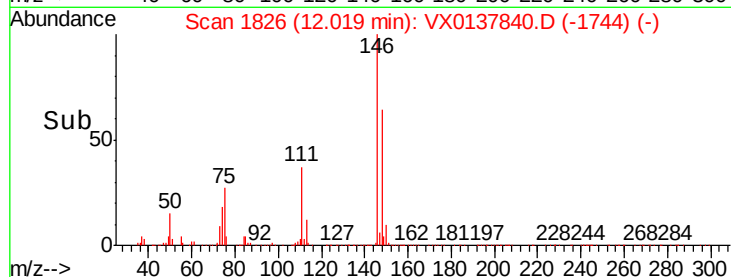
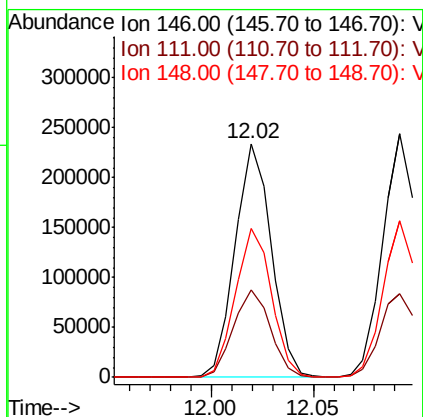
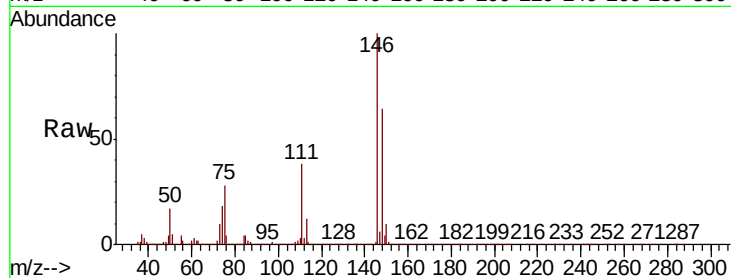
#83
1,3-Dichlorobenzene
Concen: 20.877 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
146	100	289132		
111	37.8	18.8	56.3	
148	63.5	32.3	96.9	

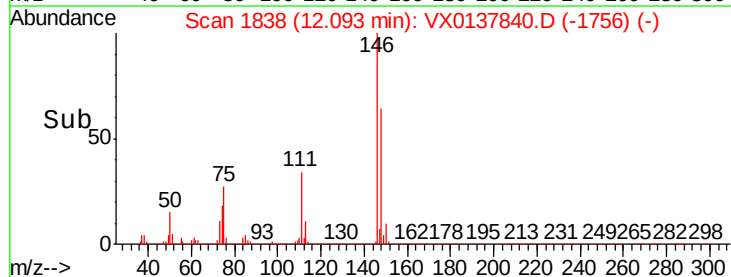
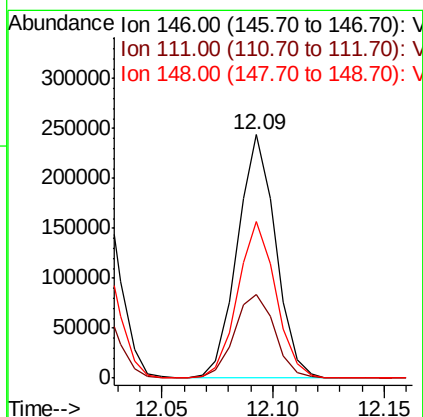
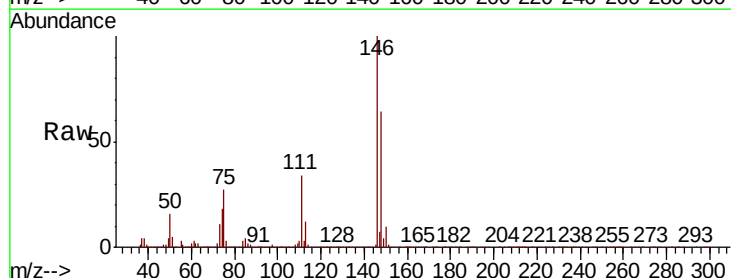
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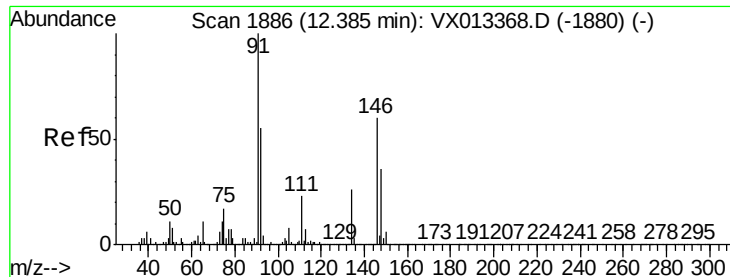
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#84
1,4-Dichlorobenzene
Concen: 21.249 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292111		
111	36.1	18.6	55.6	
148	63.9	32.5	97.4	





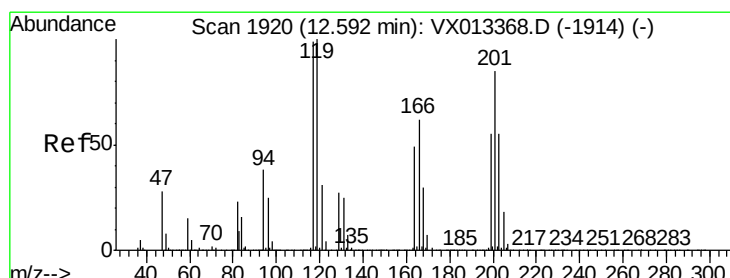
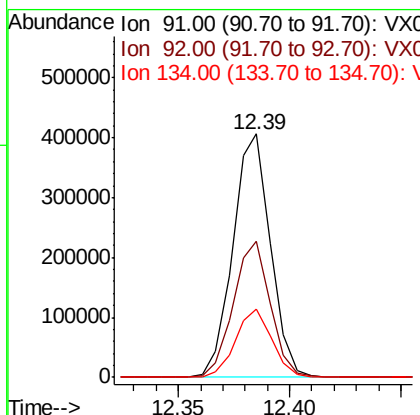
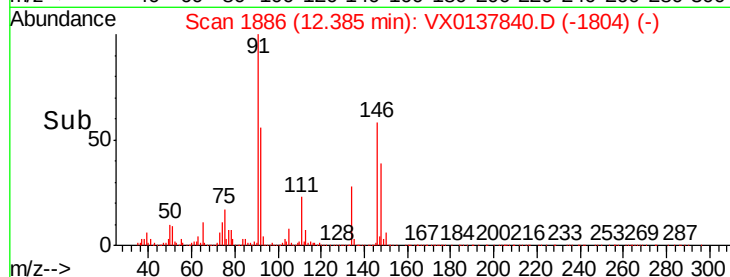
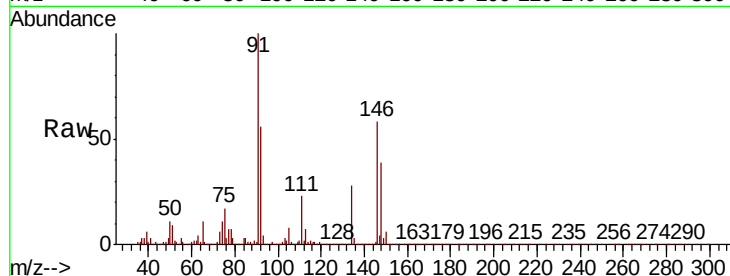
#85
n-Butylbenzene
Concen: 20.647 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
91	100	474543		
92	55.2	0.0	109.0	
134	27.3	0.0	53.0	

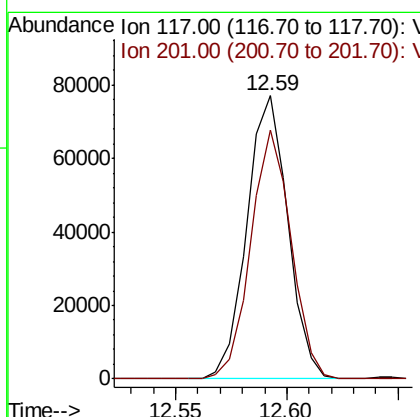
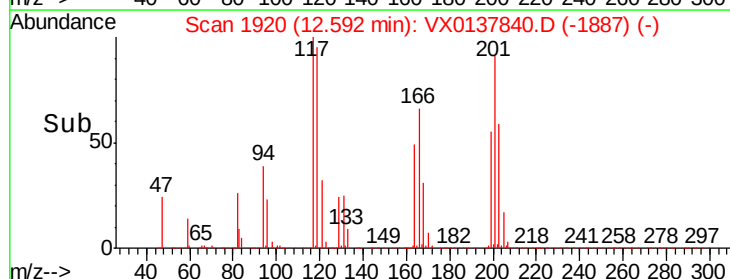
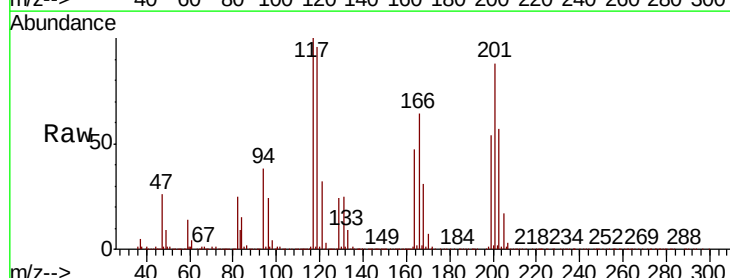
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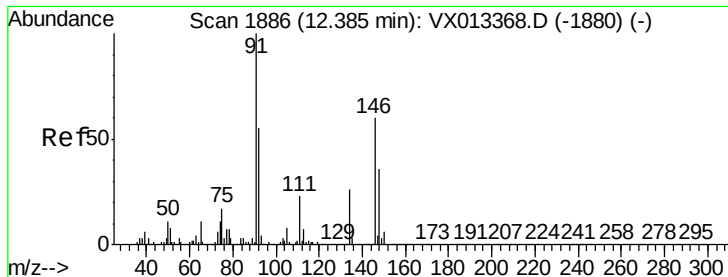
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#86
Hexachloroethane
Concen: 20.163 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98529		
201	86.5	44.5	133.3	





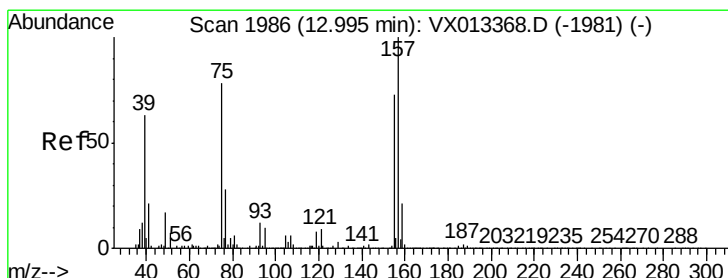
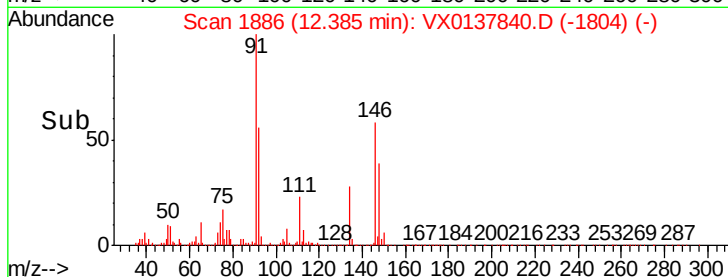
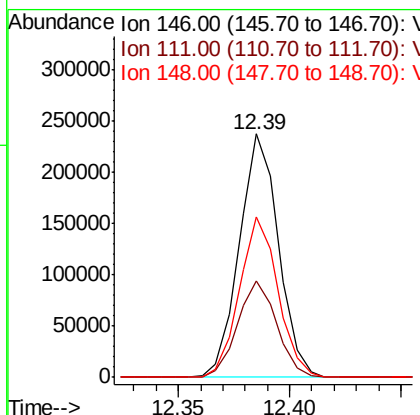
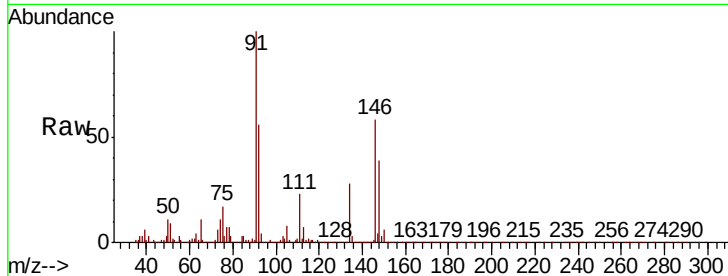
#87
 1,2-Dichlorobenzene
 Concen: 20.971 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	65.0	31.6	94.7

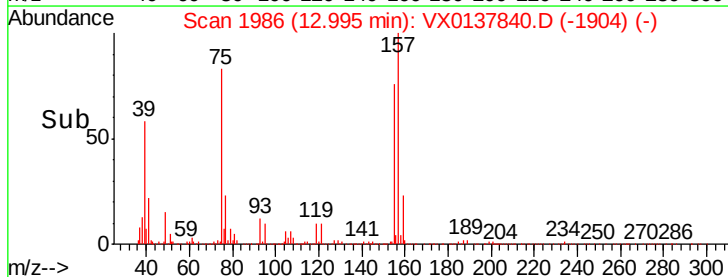
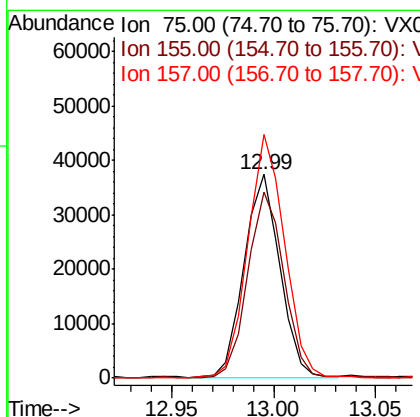
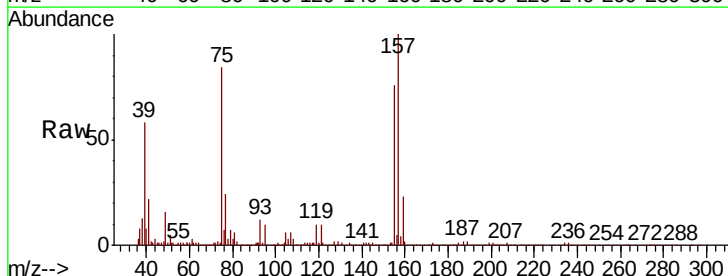
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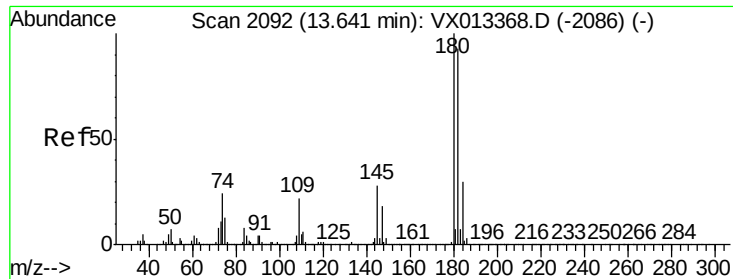
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.146 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX0137840.D
 Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	76.9	115.3
157	122.4	101.2	151.8





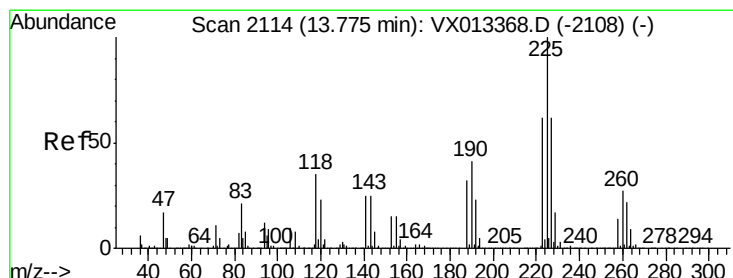
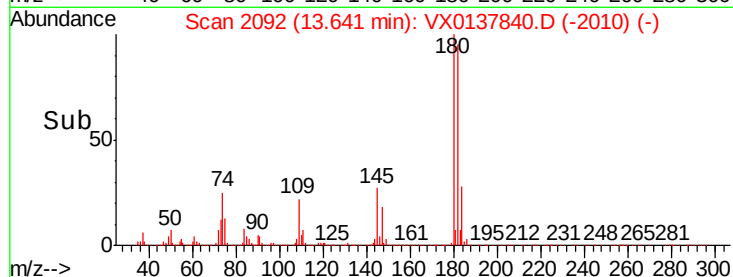
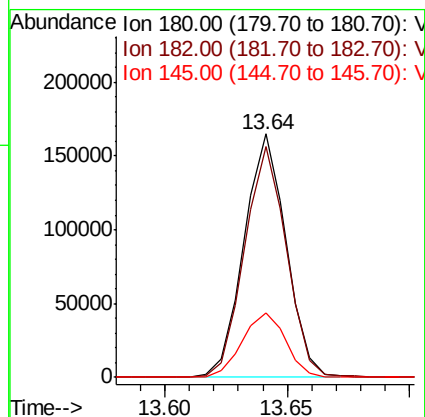
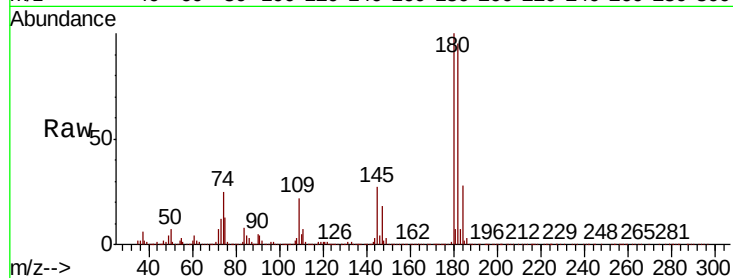
#89
1,2,4-Trichlorobenzene
Concen: 20.711 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
180	100	197765		
182	94.5	74.7	112.1	
145	27.3	22.1	33.1	

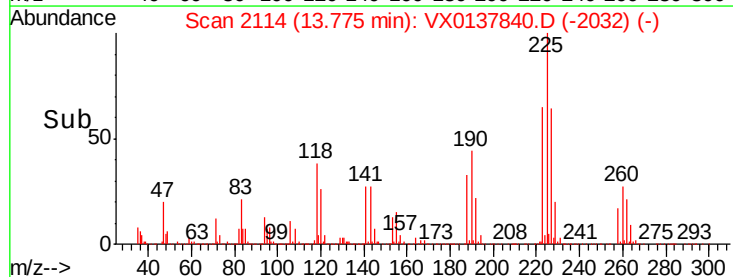
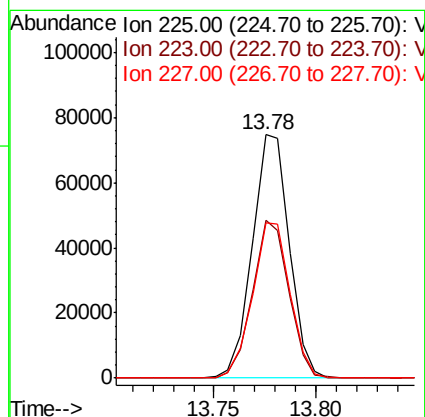
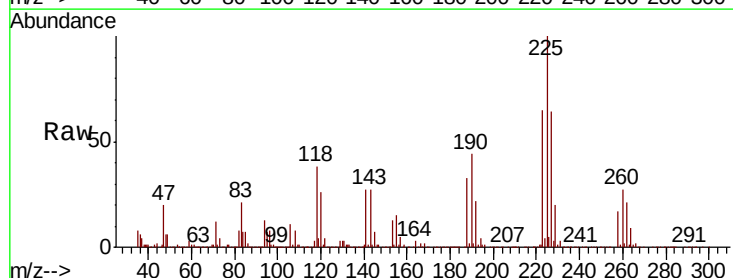
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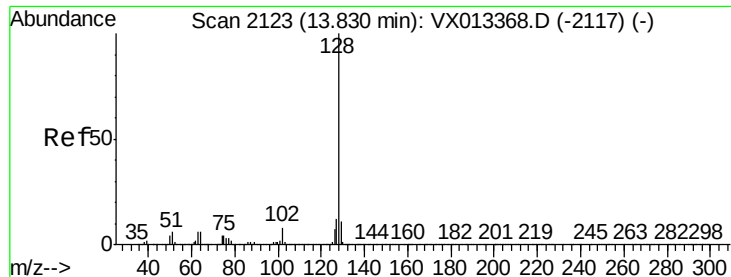
apatel
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#90
Hexachlorobutadiene
Concen: 20.652 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94498		
223	63.9	0.0	123.0	
227	64.5	0.0	121.8	





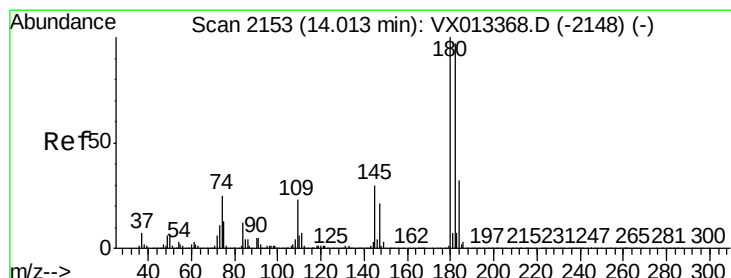
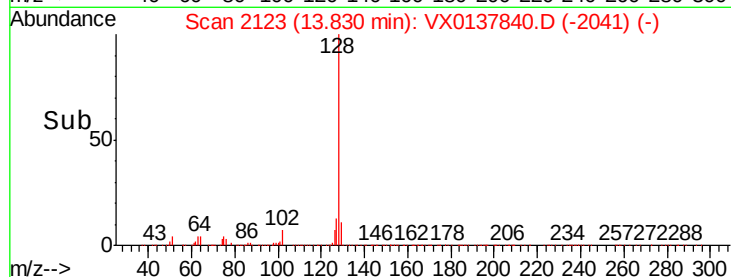
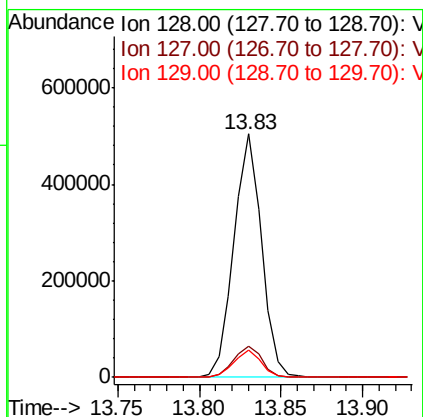
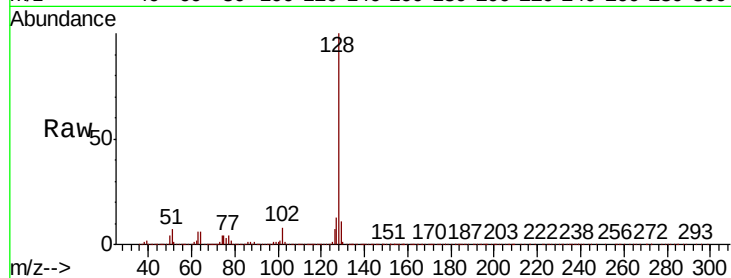
#91
Naphthalene
Concen: 19.682 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
128	100	595050		
127	13.0	10.2	15.2	
129	10.8	8.8	13.2	

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#92
1,2,3-Trichlorobenzene
Concen: 20.605 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX0137840.D
Acq: 07 Dec 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	198835		
182	95.1	0.0	191.0	
145	29.7	0.0	59.0	

