

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013917.D
 Acq On : 10 Dec 2019 23:23
 Operator : JC/SP
 Sample : VX1210WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:15 PM

Quant Time: Dec 11 04:37:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	298999	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.49	113	250696	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	8.71	98	923970	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	329033	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	105384	17.723	ug/l	98
3) Chloromethane	1.32	50	128446	19.251	ug/l	99
4) Vinyl Chloride	1.40	62	149344	19.887	ug/l	99
5) Bromomethane	1.63	94	83364	16.530	ug/l	98
6) Chloroethane	1.72	64	84343	19.737	ug/l	98
7) Trichlorofluoromethane	1.92	101	158740	19.037	ug/l	98
8) Diethyl Ether	2.18	74	77476	20.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95650	18.779	ug/l	99
10) Methyl Iodide	2.50	142	106078	17.217	ug/l	98
11) Tert butyl alcohol	3.03	59	136967	89.484	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97436	19.165	ug/l	98
13) Acrolein	2.28	56	74647	77.175	ug/l	99
14) Allyl chloride	2.72	41	175063	18.974	ug/l	99
15) Acrylonitrile	3.13	53	321885	101.878	ug/l	99
16) Acetone	2.43	43	290597	94.918	ug/l	100
17) Carbon Disulfide	2.56	76	236878	16.344	ug/l	100
18) Methyl Acetate	2.76	43	184718	21.667	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	337787	20.056	ug/l	99
20) Methylene Chloride	2.85	84	118031	20.067	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	105405	19.031	ug/l	99
22) Diisopropyl ether	3.84	45	368644	20.751	ug/l	94
23) Vinyl Acetate	3.80	43	1433728	97.011	ug/l	98
24) 1,1-Dichloroethane	3.69	63	197371	20.323	ug/l	99
25) 2-Butanone	4.66	43	445677	97.949	ug/l	99
26) 2,2-Dichloropropane	4.58	77	123246	15.338	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	123384	19.399	ug/l	98
28) Bromochloromethane	5.01	49	85214	22.196	ug/l	96
29) Tetrahydrofuran	5.12	42	286309	102.072	ug/l	99
30) Chloroform	5.20	83	193554	19.652	ug/l	98
31) Cyclohexane	5.58	56	165326	18.048	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	159269	19.351	ug/l	100
36) 1,1-Dichloropropene	5.79	75	139028	18.118	ug/l	99
37) Ethyl Acetate	4.82	43	168928	19.624	ug/l	100
38) Carbon Tetrachloride	5.78	117	135411	19.138	ug/l	98

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Quant Time: Dec 11 04:37:41 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162838	17.168	ug/l	96
40) Benzene	6.14	78	446034	19.085	ug/l	97
41) Methacrylonitrile	5.03	41	96264	20.391	ug/l	99
42) 1,2-Dichloroethane	6.18	62	159321	19.989	ug/l	100
43) Isopropyl Acetate	6.43	43	269080	18.987	ug/l	99
44) Trichloroethene	7.21	130	121576	18.955	ug/l	99
45) 1,2-Dichloropropane	7.51	63	117633	20.118	ug/l	99
46) Dibromomethane	7.65	93	76268	19.205	ug/l	97
47) Bromodichloromethane	7.89	83	143399	19.100	ug/l	95
48) Methyl methacrylate	7.76	41	130789	18.994	ug/l	98
49) 1,4-Dioxane	7.73	88	55535	360.305	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	886349	99.426	ug/l	99
52) Toluene	8.78	92	280019	19.287	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149178	17.457	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168215	18.018	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115673	19.770	ug/l	97
56) Ethyl methacrylate	9.17	69	178448	18.971	ug/l	99
57) 1,3-Dichloropropane	9.37	76	199582	19.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	335631	91.004	ug/l	99
59) 2-Hexanone	9.49	43	672932	96.787	ug/l	97
60) Dibromochloromethane	9.57	129	116394	19.169	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120528	19.288	ug/l	100
64) Tetrachloroethene	9.33	164	121239	21.387	ug/l	98
65) Chlorobenzene	10.14	112	300086	19.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	110051	19.418	ug/l	98
67) Ethyl Benzene	10.25	91	519658	19.161	ug/l	99
68) m/p-Xylenes	10.35	106	397868	38.318	ug/l	99
69) o-Xylene	10.70	106	189013	18.665	ug/l	96
70) Styrene	10.71	104	322114	18.909	ug/l	98
71) Bromoform	10.85	173	84473	18.014	ug/l #	98
73) Isopropylbenzene	11.01	105	508659	19.606	ug/l	100
74) N-amyl acetate	10.89	43	228223	19.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	181695	20.194	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167195m	20.098	ug/l	
77) Bromobenzene	11.25	156	134885	19.245	ug/l	99
78) n-propylbenzene	11.35	91	563032	19.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	343853	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	415646	19.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48680	16.009	ug/l	95
82) 4-Chlorotoluene	11.51	91	387631	19.264	ug/l	99
83) tert-Butylbenzene	11.76	119	406505	18.811	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	422773	19.590	ug/l	99
85) sec-Butylbenzene	11.94	105	484615	19.633	ug/l	100
86) p-Isopropyltoluene	12.06	119	436945	19.028	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	228771	18.724	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	228084	18.328	ug/l	99
89) n-Butylbenzene	12.39	91	360947	18.429	ug/l	99
90) Hexachloroethane	12.59	117	76166	18.350	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	235336	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35975	18.361	ug/l	98

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Manual Integrations
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12/11/2019 2:14:15 PM

Quant Time: Dec 11 04:37:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146775	17.446	ug/l	100
94) Hexachlorobutadiene	13.78	225	68945	17.059	ug/l	97
95) Naphthalene	13.83	128	460248	18.370	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	152323	18.286	ug/l	98

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

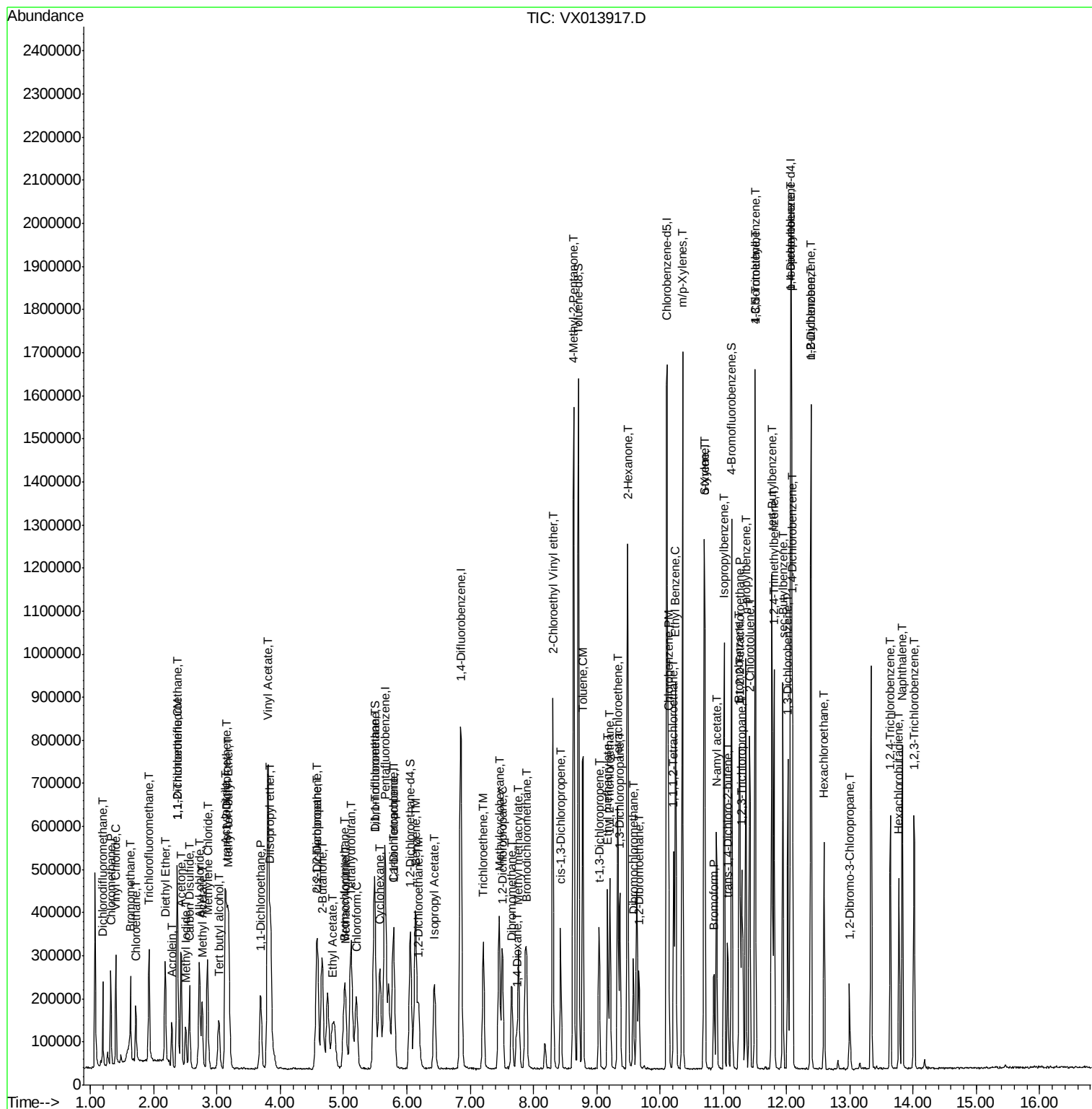
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Data File : VX013917.D
Acq On : 10 Dec 2019 23:23
Operator : JC/SP
Sample : VX1210WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

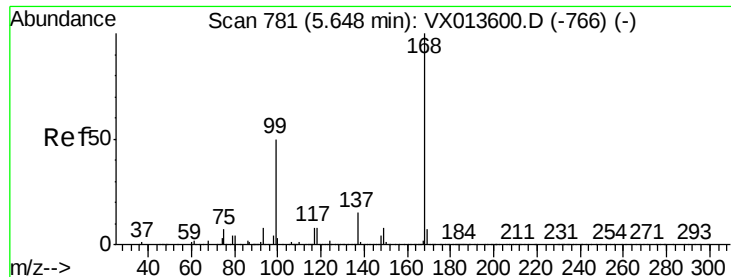
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Manual Integrations APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
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#1

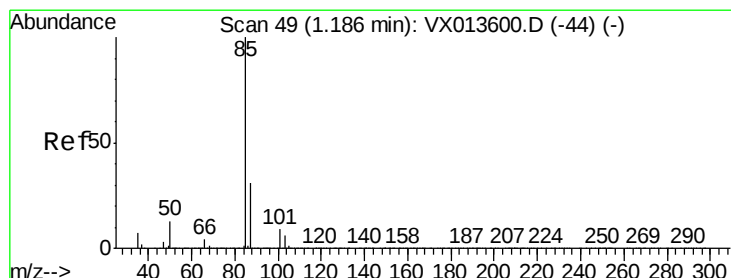
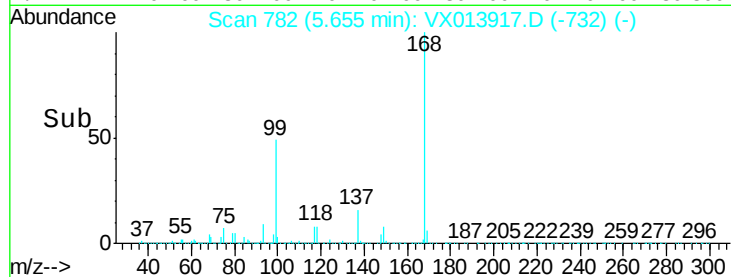
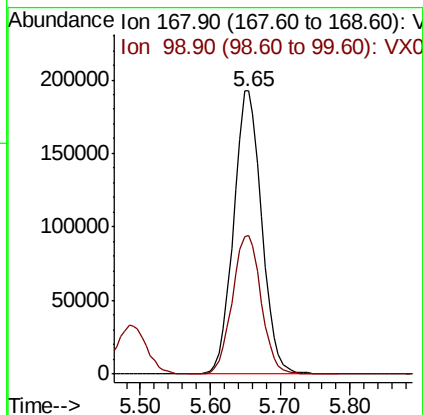
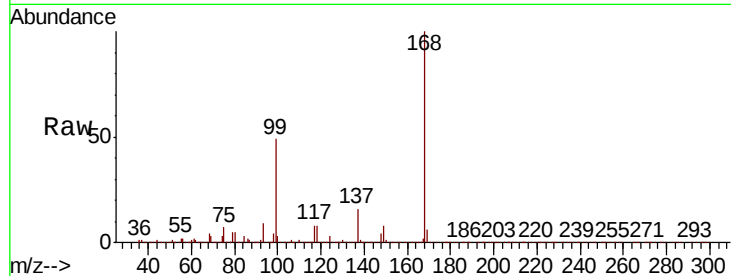
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.8	59.8

Manual Integrations
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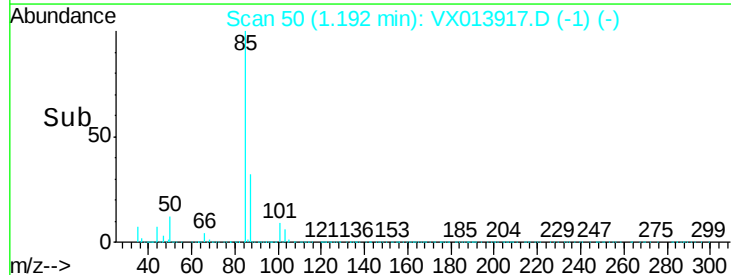
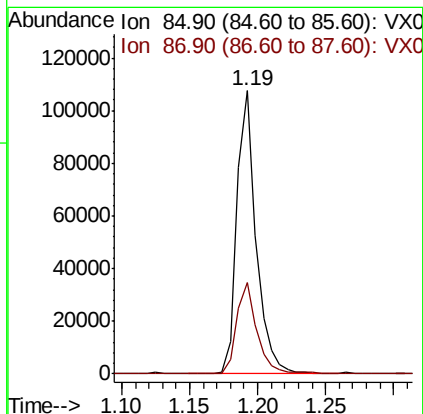
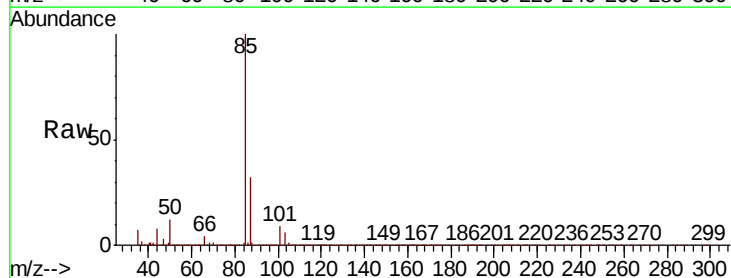
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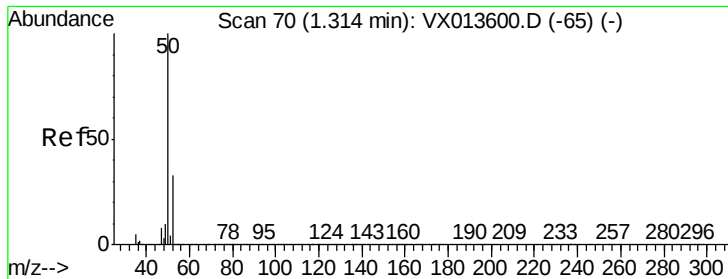


#2

Dichlorodifluoromethane
 Concen: 17.723 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.7	47.1





#3

Chloromethane

Concen: 19.251 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 50 Resp: 128446

Ion Ratio Lower Upper

50 100

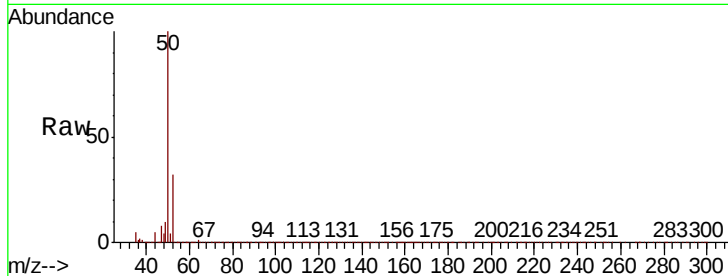
52 32.2 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

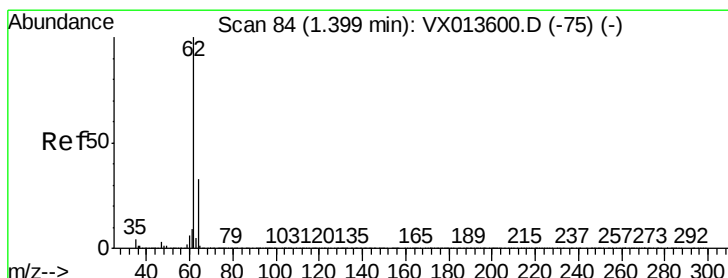
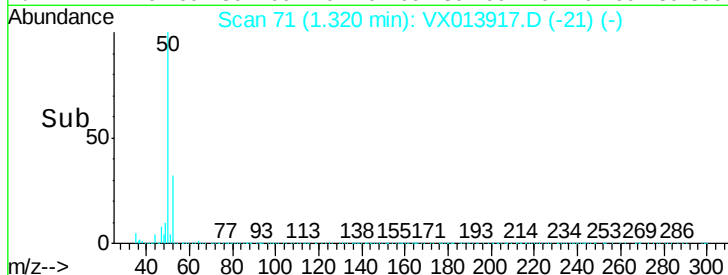
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50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.887 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013917.D

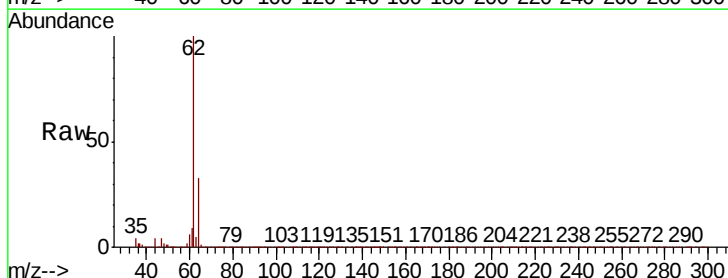
Acq: 10 Dec 2019 23:23

Tgt Ion: 62 Resp: 149344

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

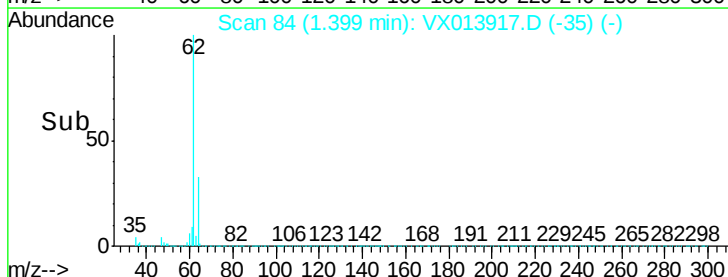
150000

100000

50000

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Time-->





#5

Bromomethane

Concen: 16.530 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 94 Resp: 83364

Ion Ratio Lower Upper

94 100

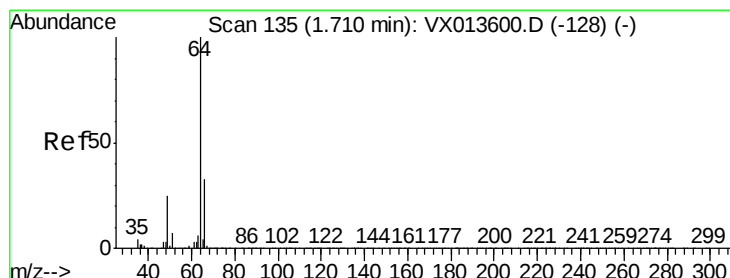
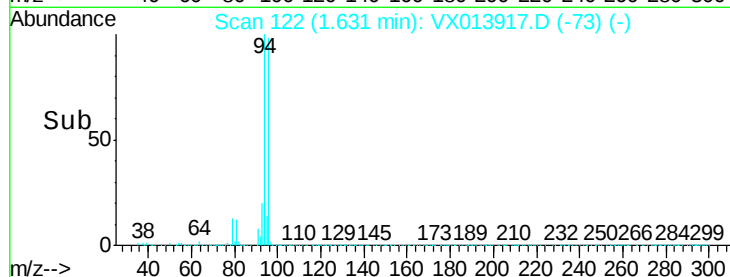
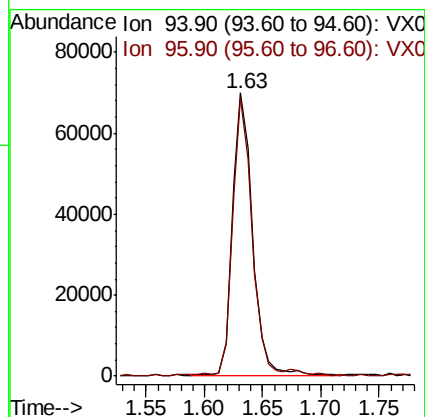
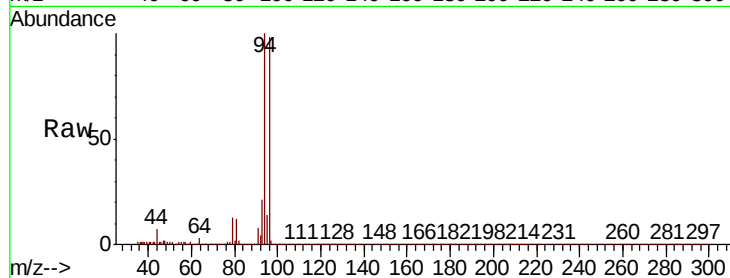
96 98.2 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 19.737 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013917.D

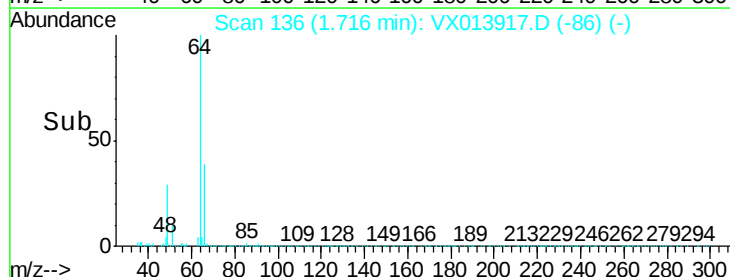
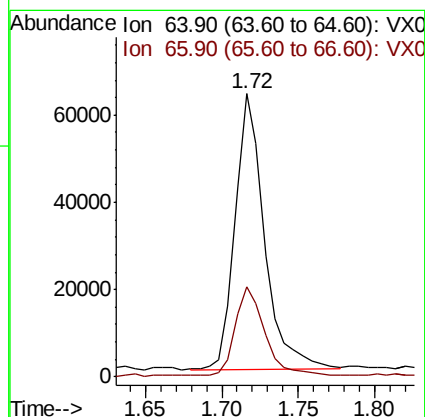
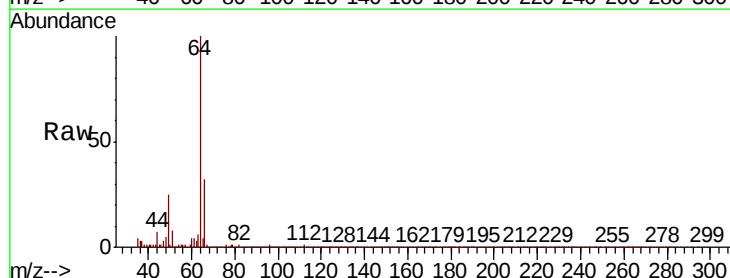
Acq: 10 Dec 2019 23:23

Tgt Ion: 64 Resp: 84343

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1





#7

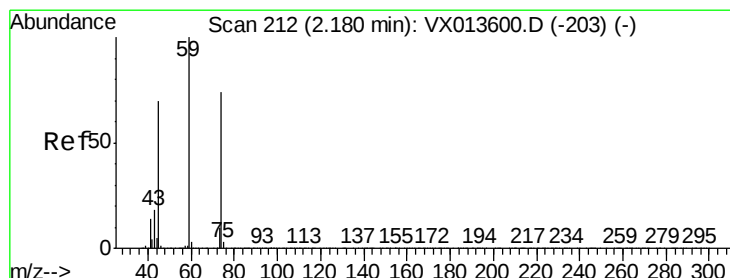
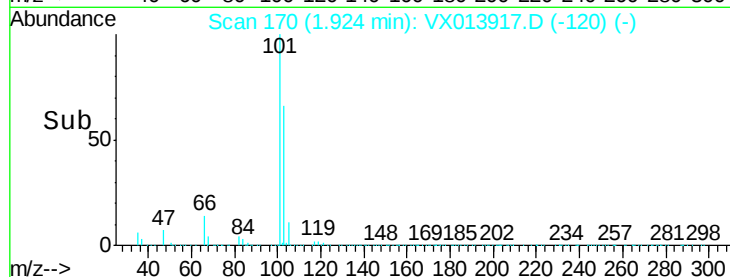
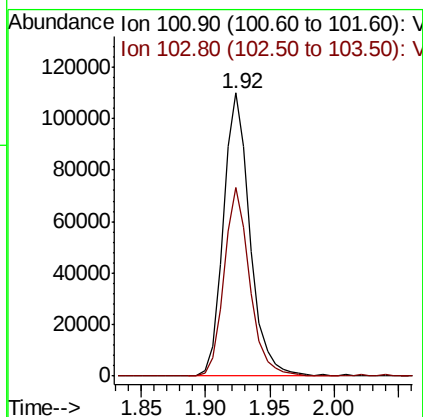
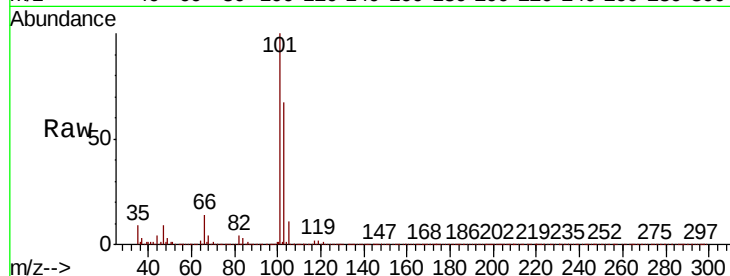
Trichlorofluoromethane
Concen: 19.037 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.8	77.6

Manual Integrations
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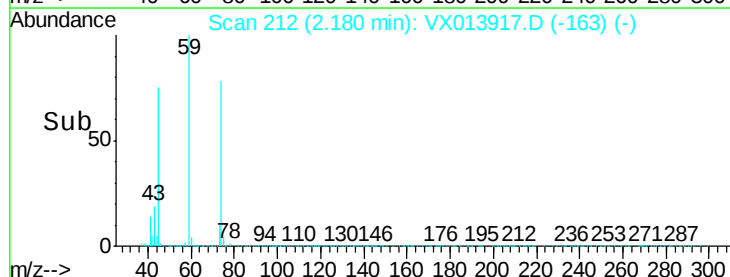
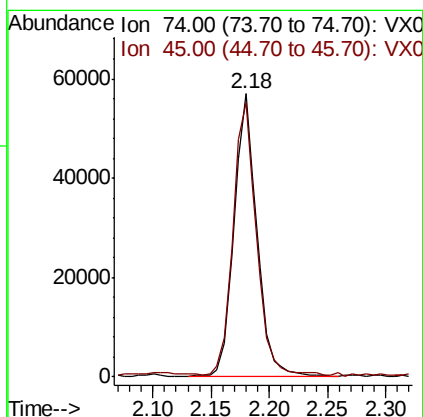
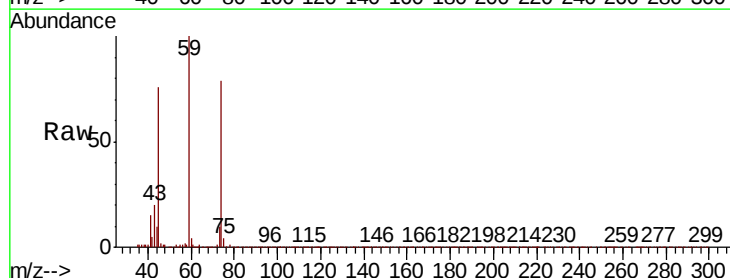
apatel
12/11/2019 2:14:15 PM

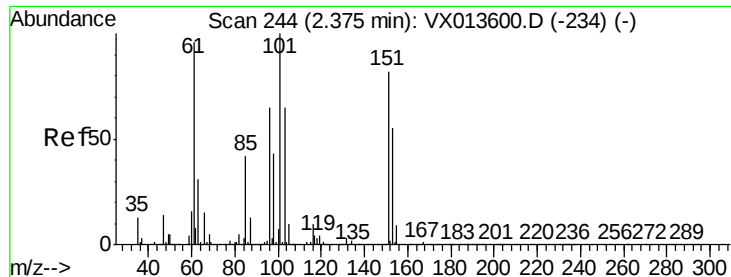


#8

Diethyl Ether
Concen: 20.537 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.779 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

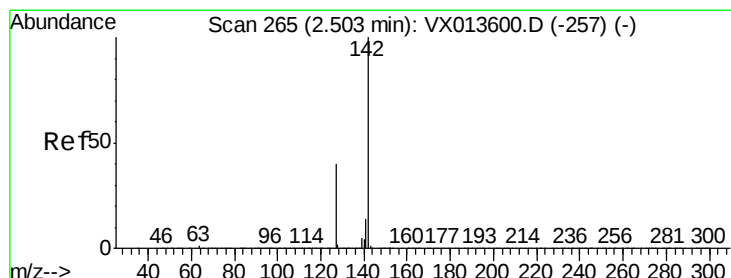
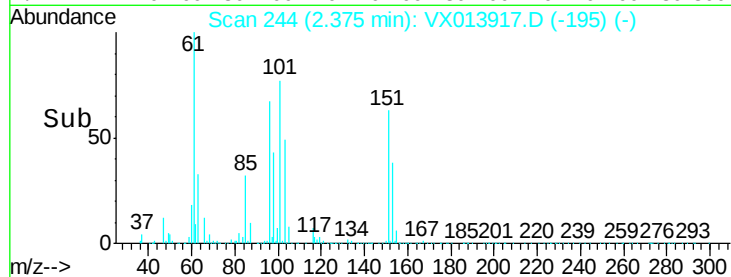
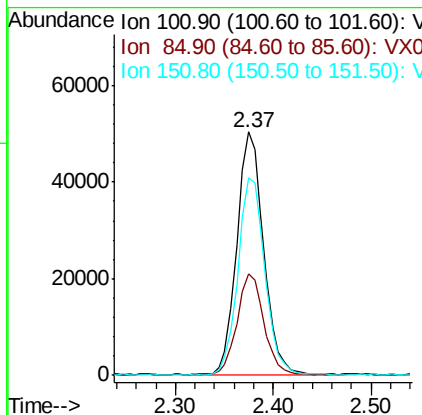
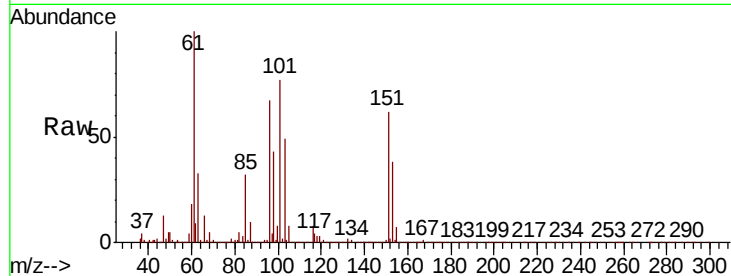
ClientSampleId :

VX1210WBS02

Tot Ion:	101	Resp:	95650
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.9	50.9
151	81.2	64.2	96.2

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#10

Methyl Iodide

Concen: 17.217 ug/l

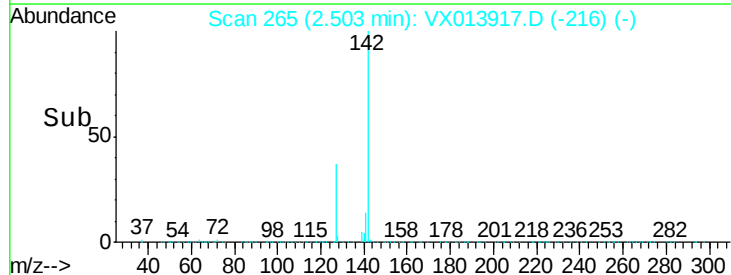
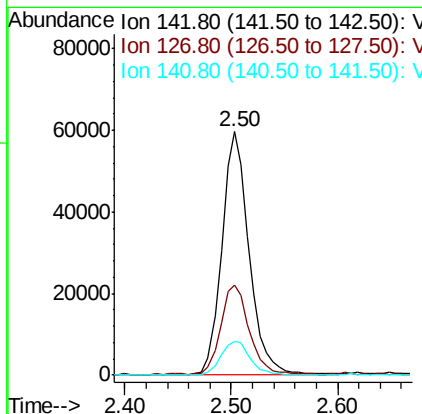
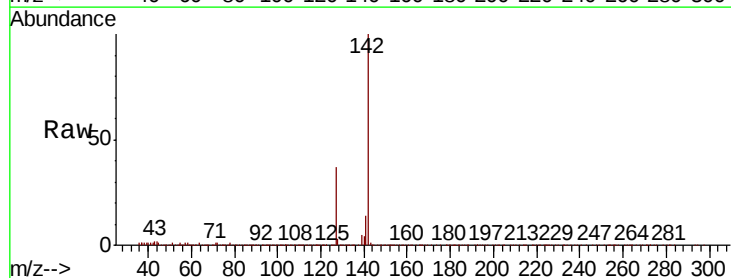
RT: 2.50 min Scan# 265

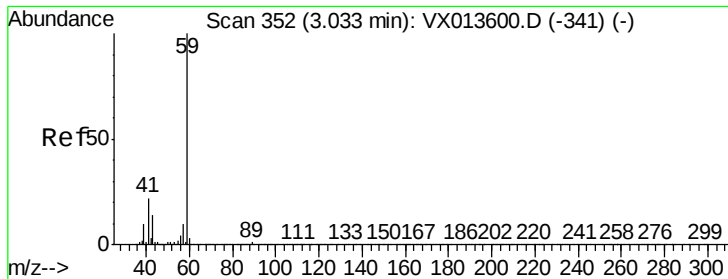
Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	142	Resp:	106078
Ion Ratio	Lower	Upper	
142	100		
127	37.8	31.0	46.4
141	15.2	11.6	17.4





#11

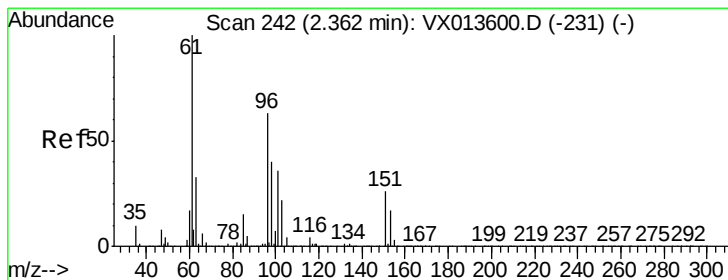
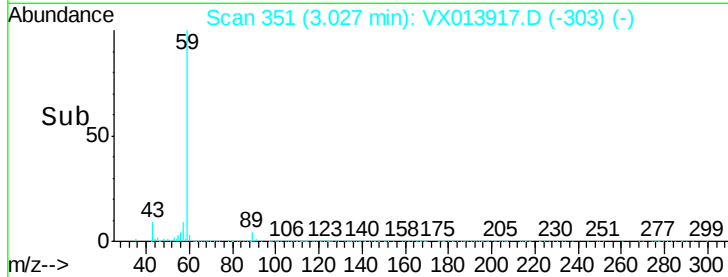
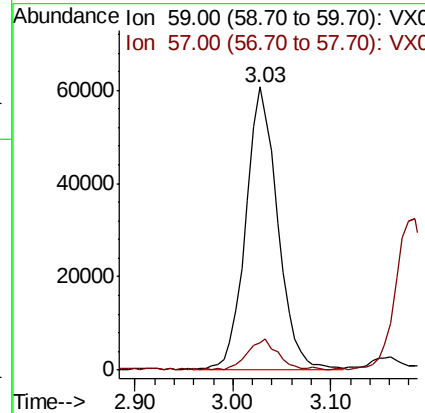
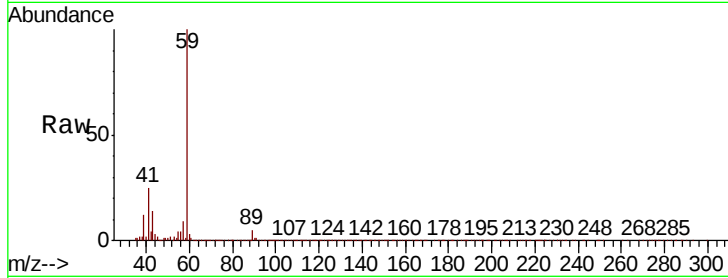
Tert butyl alcohol
Concen: 89.484 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampled :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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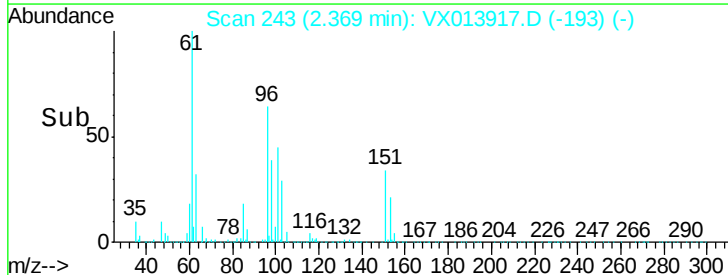
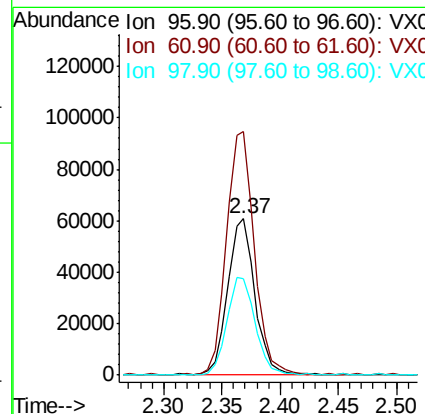
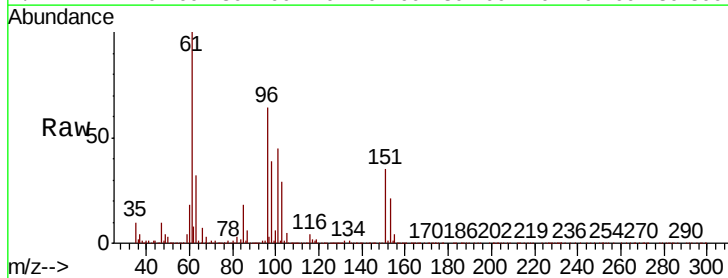
apatel
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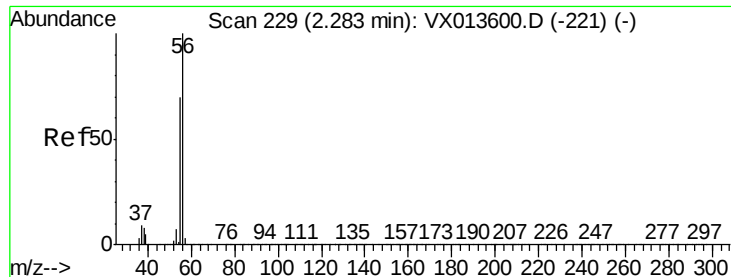


#12

1,1-Dichloroethene
Concen: 19.165 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	126.6	190.0
98	61.4	50.6	76.0





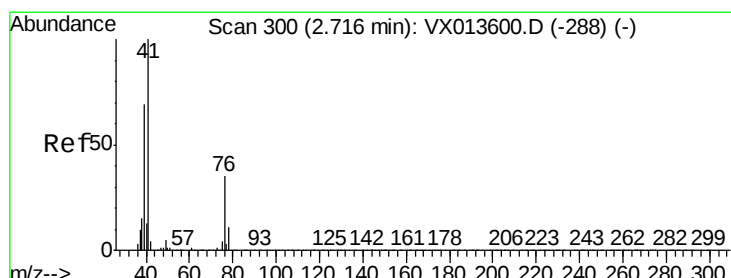
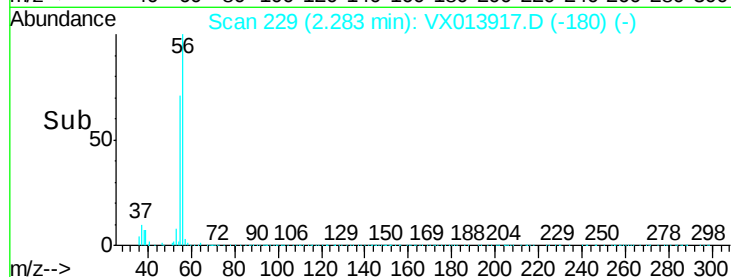
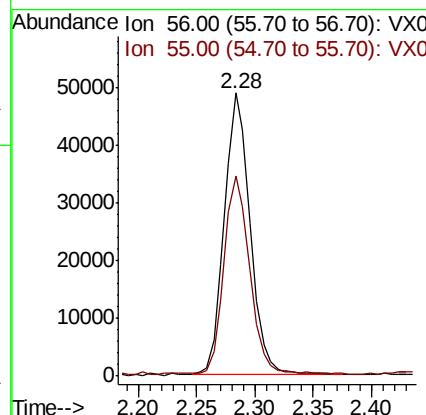
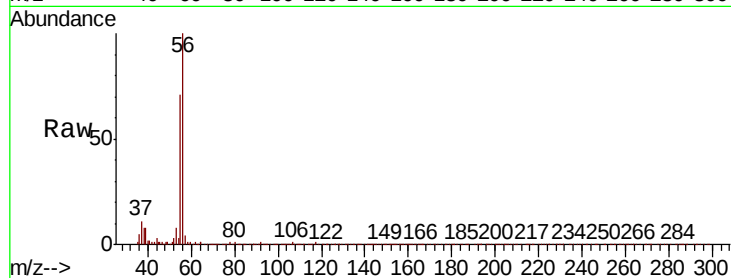
#13
Acrolein
Concen: 77.175 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.9	56.2	84.4

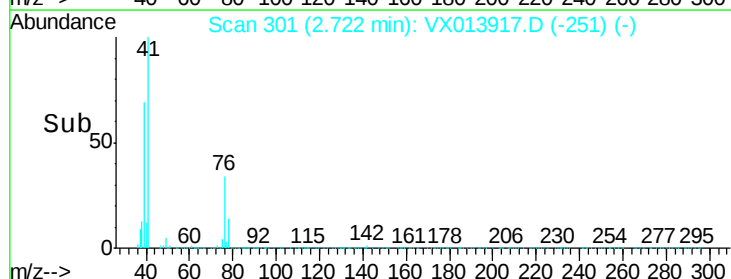
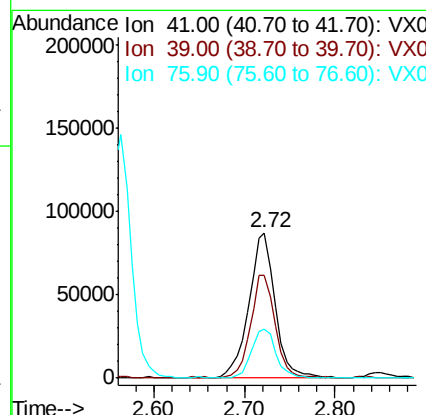
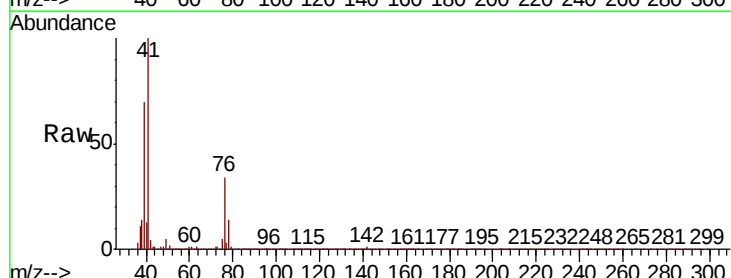
Manual Integrations
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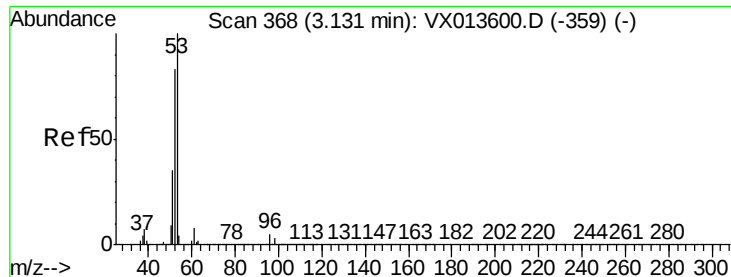
apatel
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#14
Allyl chloride
Concen: 18.974 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.5	51.7	77.5
76	76	30.6	25.9	38.9





#15

Acrylonitrile

Concen: 101.878 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

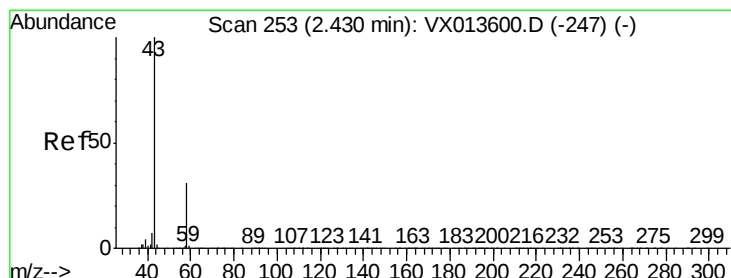
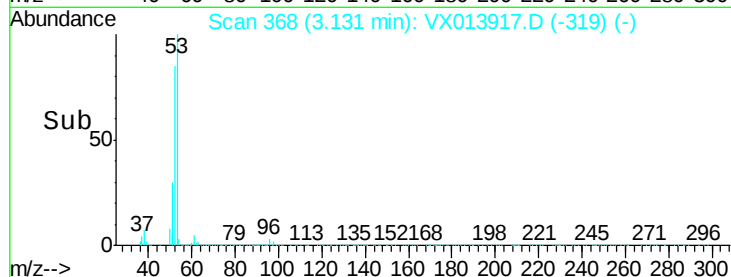
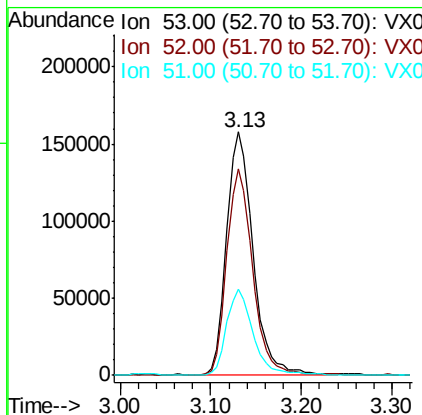
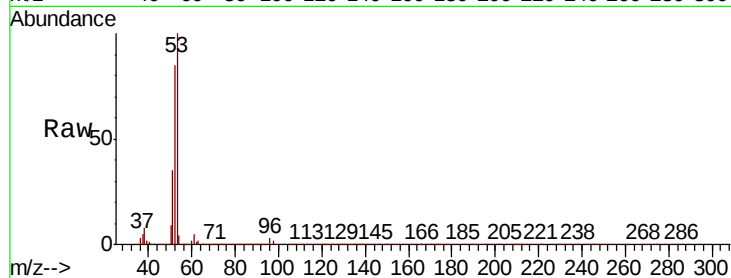
ClientSampleId :

VX1210WBS02

Tot Ion:	53	Resp:	321885
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.2	99.2
51	35.0	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 94.918 ug/l

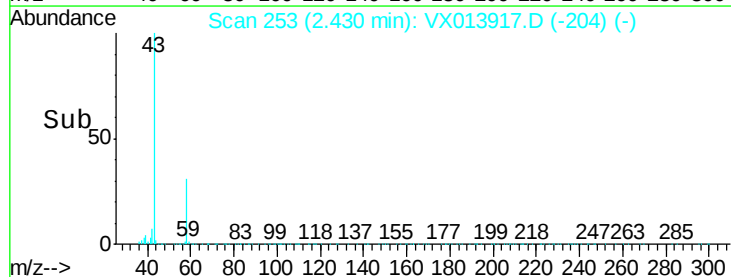
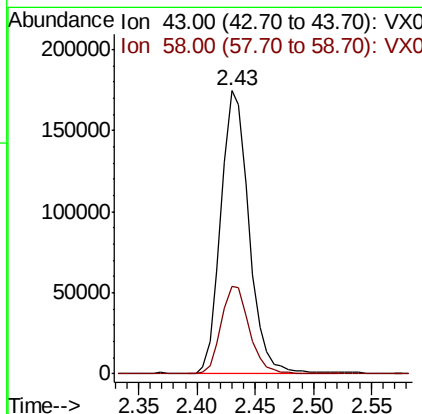
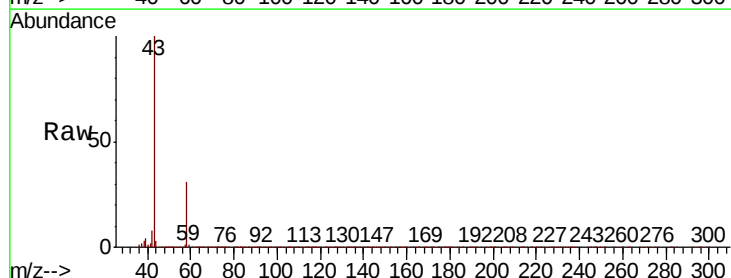
RT: 2.43 min Scan# 253

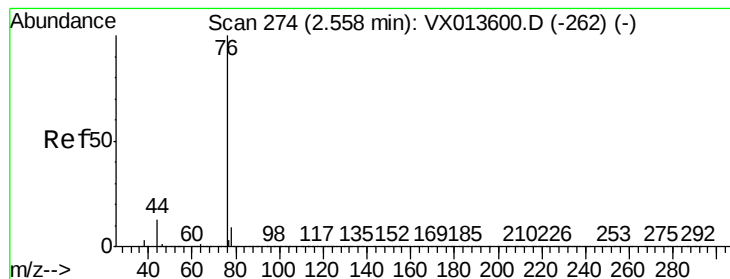
Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	43	Resp:	290597
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.6	36.8





#17

Carbon Disulfide

Concen: 16.344 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 76 Resp: 236878

Ion Ratio Lower Upper

76 100

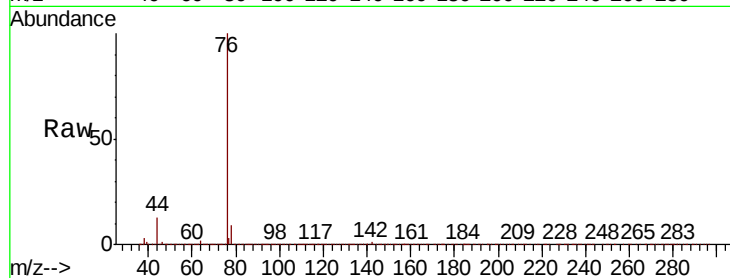
78 9.1 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

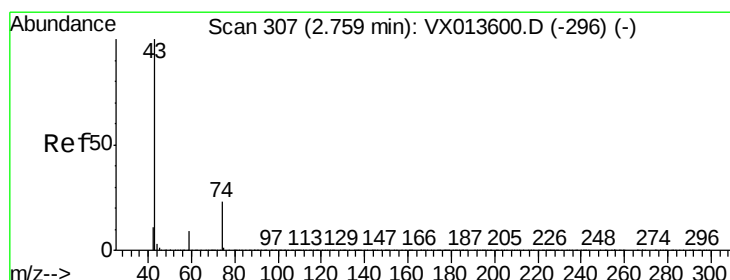
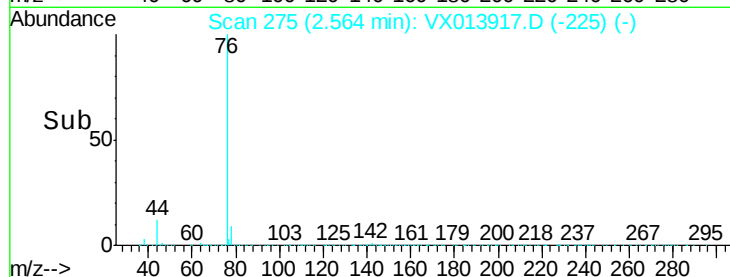
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.667 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013917.D

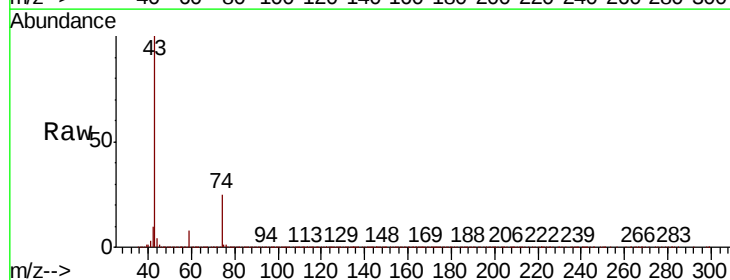
Acq: 10 Dec 2019 23:23

Tgt Ion: 43 Resp: 184718

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

120000

100000

80000

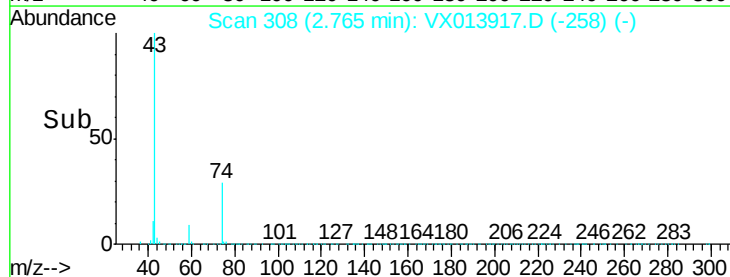
60000

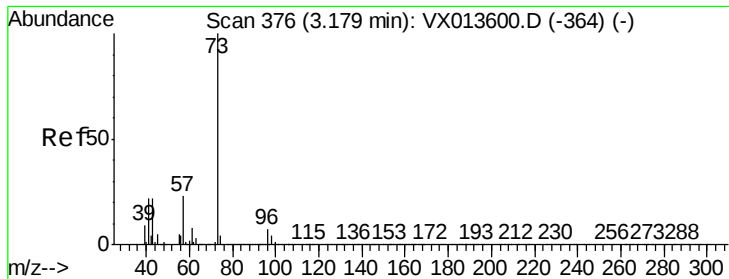
40000

20000

0

Time--> 2.70 2.80





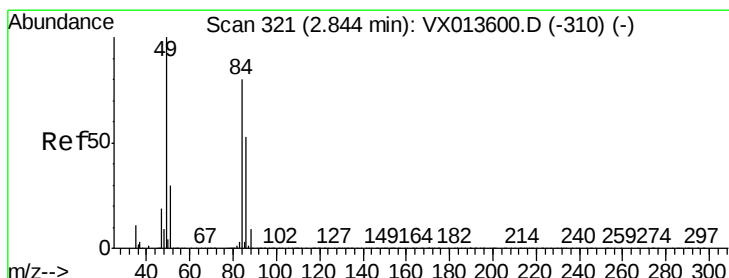
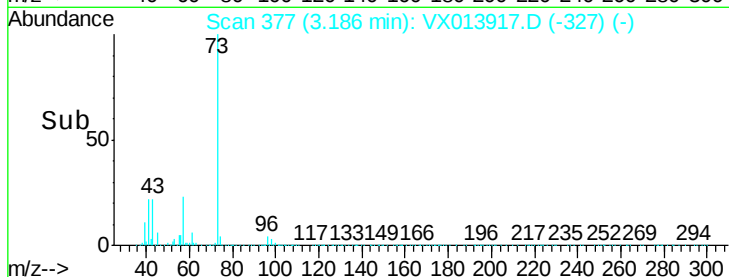
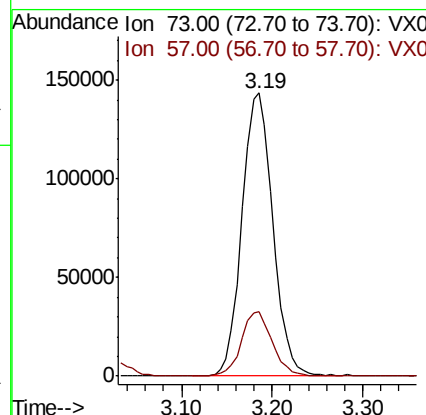
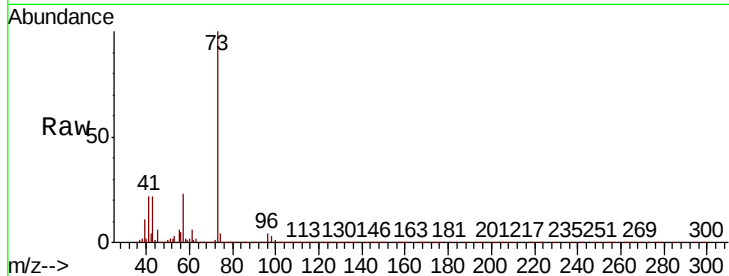
#19
Methvl tert-butvl Ether
Concen: 20.056 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.3	27.5

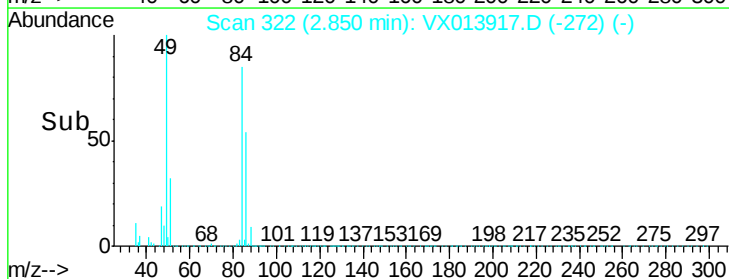
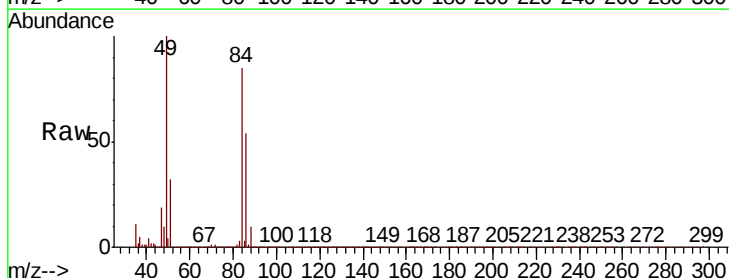
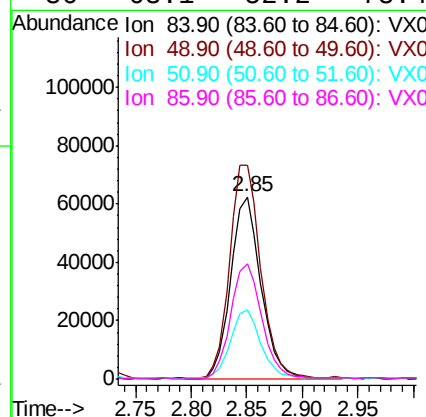
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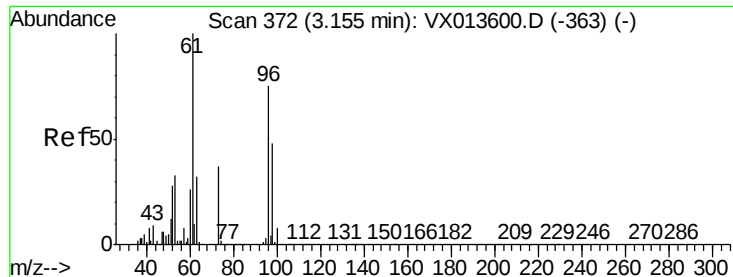
apatel
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#20
Methylene Chloride
Concen: 20.067 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	99.7	149.5
51	36.9	29.9	44.9
86	63.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.031 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

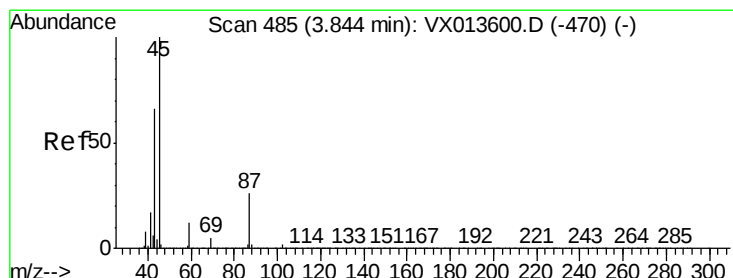
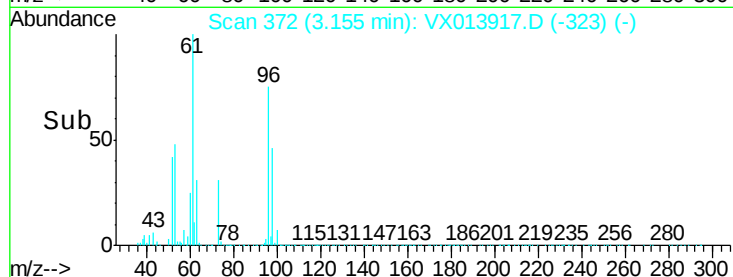
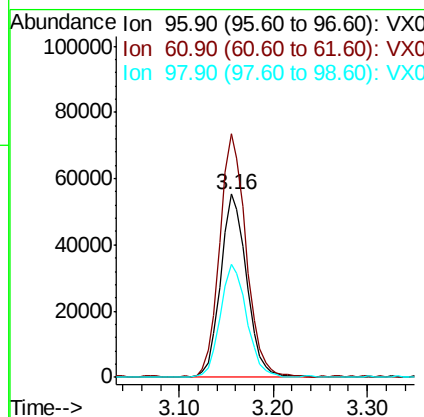
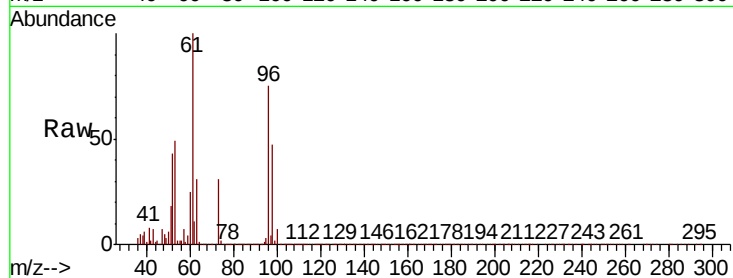
ClientSampleId :

VX1210WBS02

Tot Ion:	96	Resp:	105405
Ion Ratio	Lower	Upper	
96	100		
61	133.3	107.2	160.8
98	61.9	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.751 ug/l

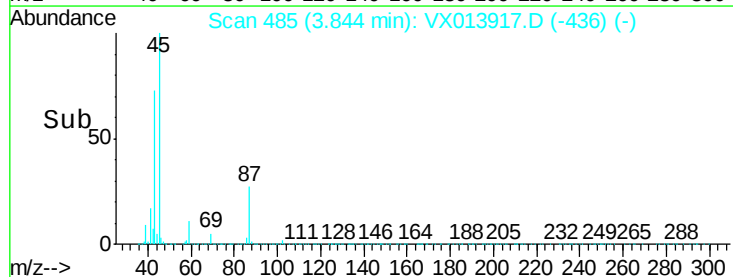
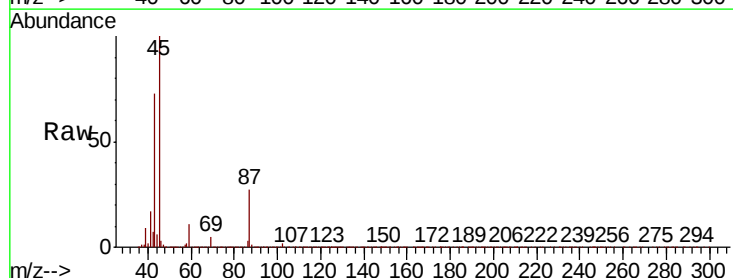
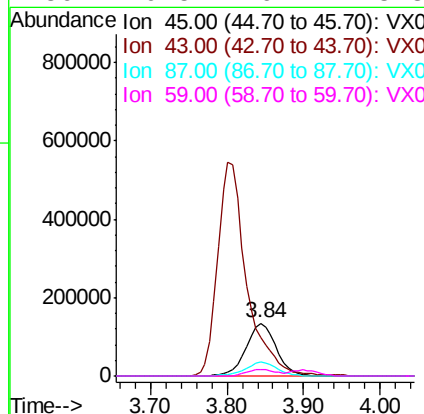
RT: 3.84 min Scan# 485

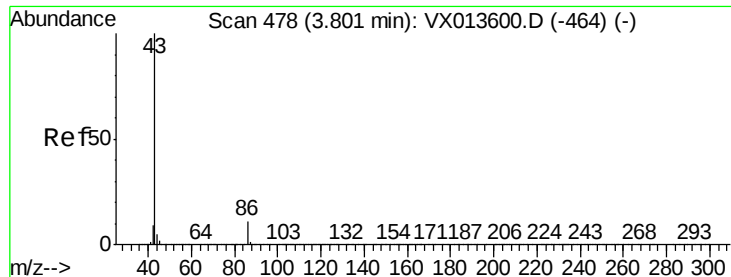
Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	45	Resp:	368644
Ion Ratio	Lower	Upper	
45	100		
43	72.9	52.6	79.0
87	26.8	21.1	31.7
59	10.5	9.2	13.8





#23

Vinyl Acetate

Concen: 97.011 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 43 Resp: 1433728

Ion Ratio Lower Upper

43 100

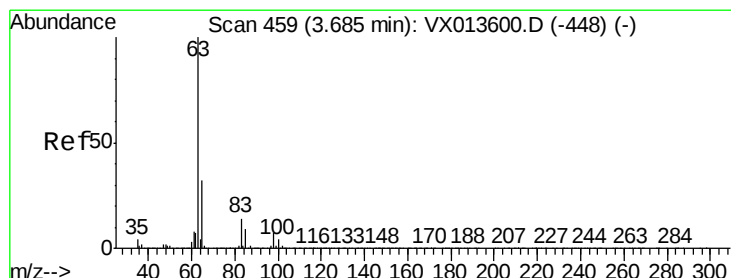
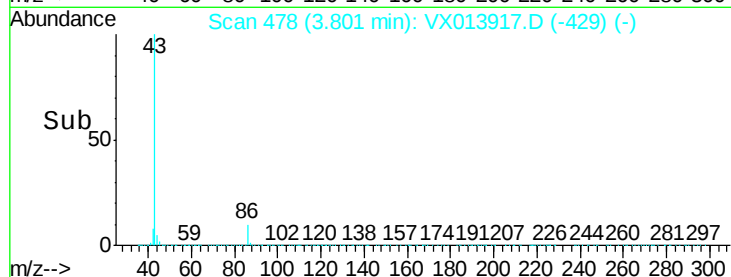
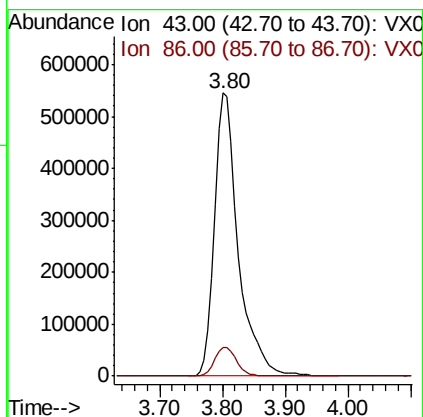
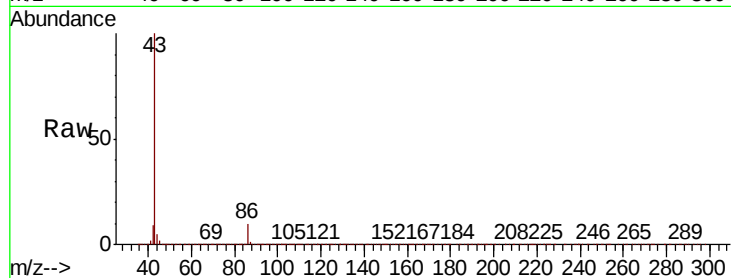
86 10.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.323 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

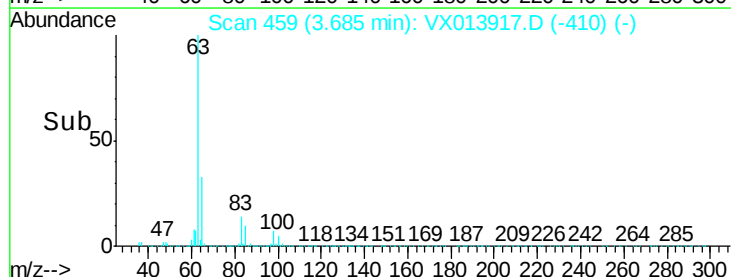
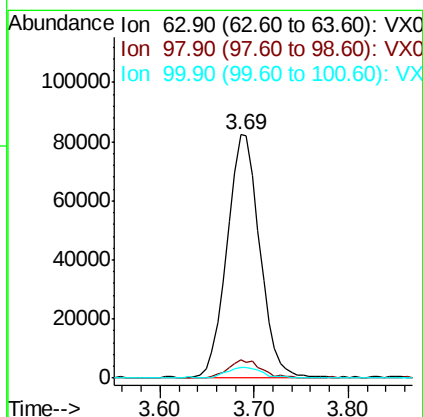
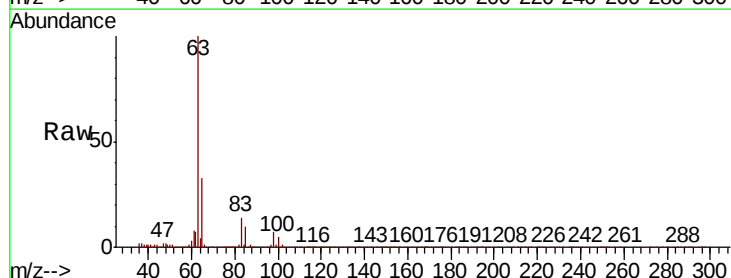
Tgt Ion: 63 Resp: 197371

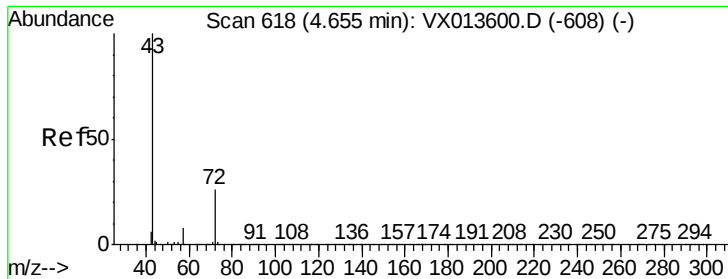
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 97.949 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 43 Resp: 445677

Ion Ratio Lower Upper

43 100

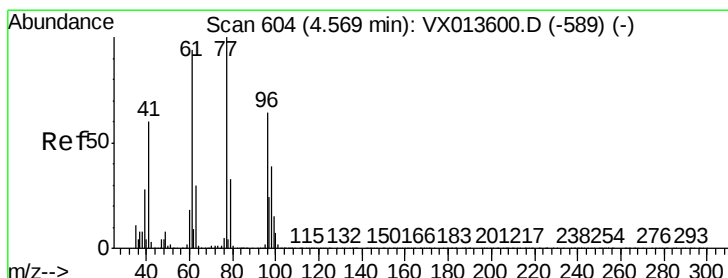
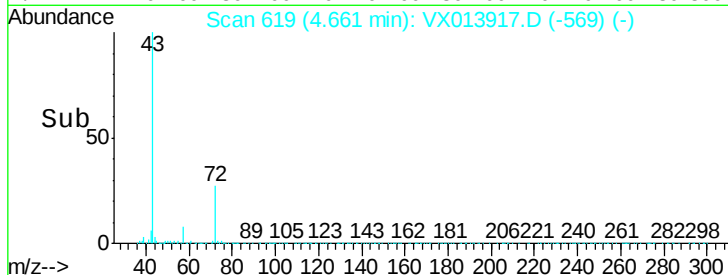
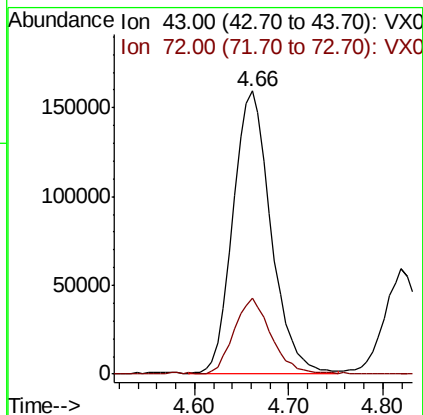
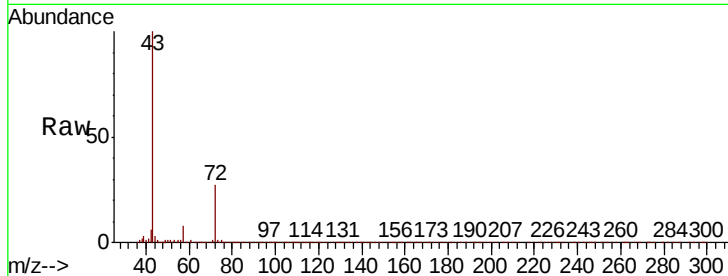
72 26.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 15.338 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013917.D

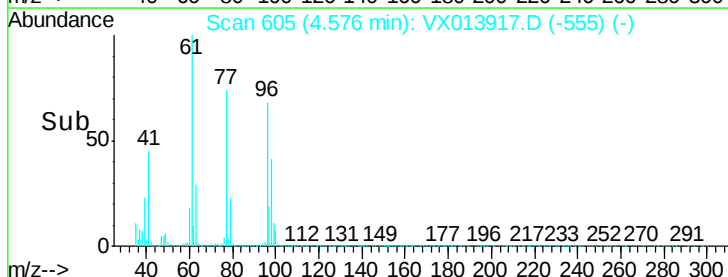
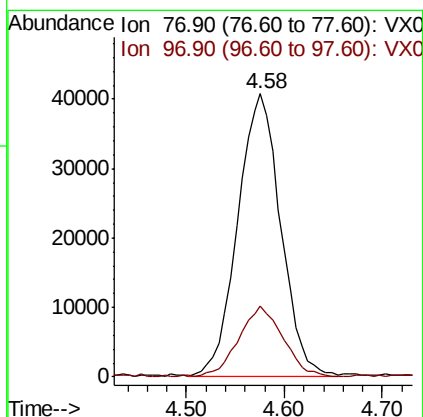
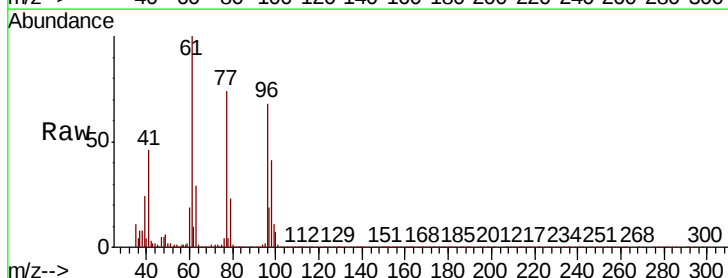
Acq: 10 Dec 2019 23:23

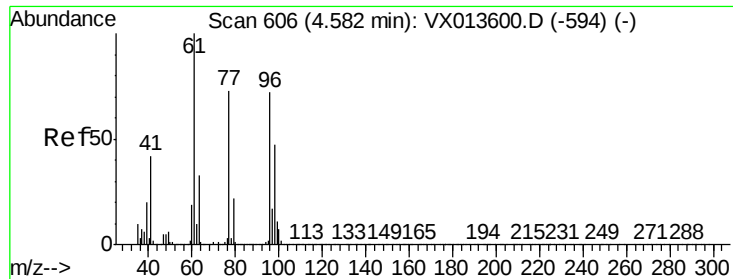
Tgt Ion: 77 Resp: 123246

Ion Ratio Lower Upper

77 100

97 26.2 12.0 36.1





#27

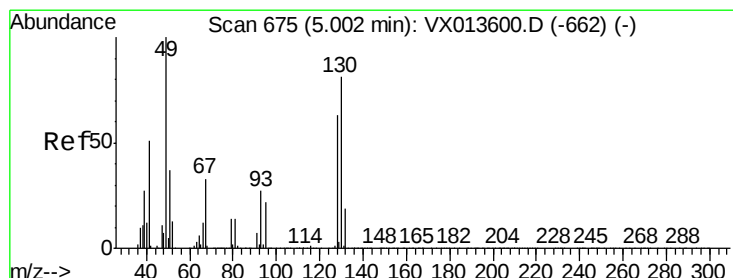
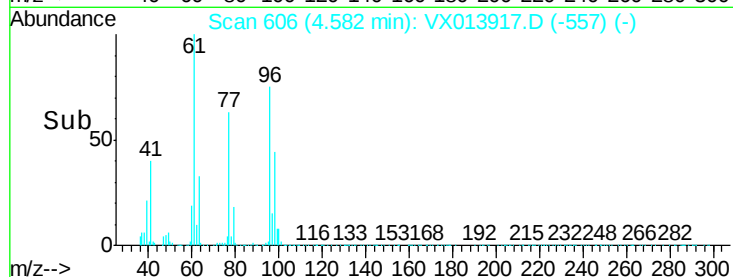
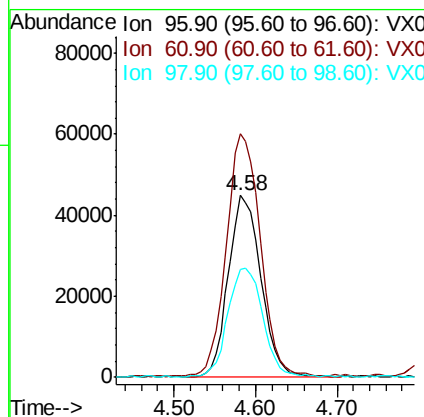
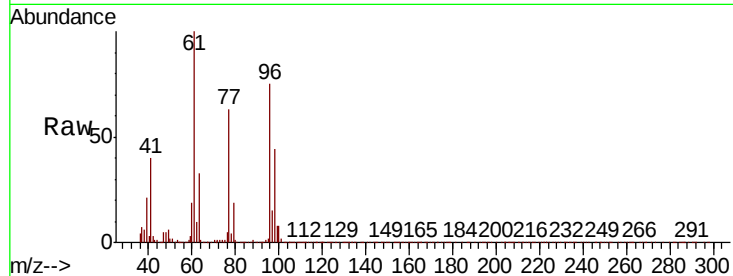
cis-1,2-Dichloroethene
Concen: 19.399 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	286.4
98	64.1	0.0	127.4

Manual Integrations
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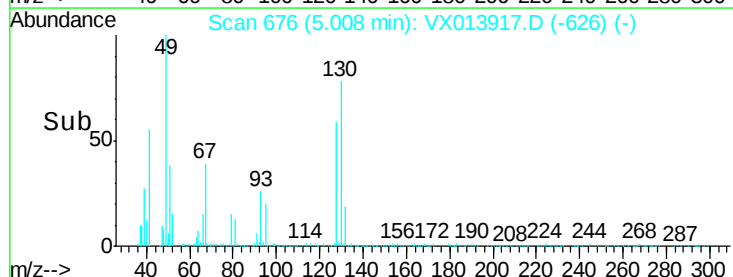
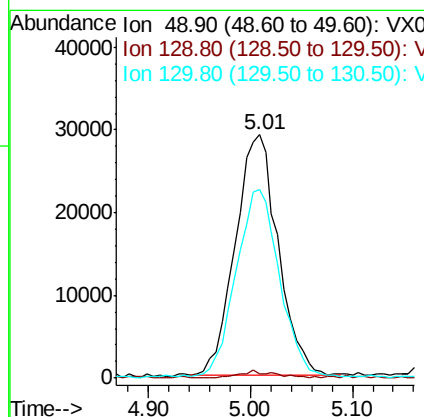
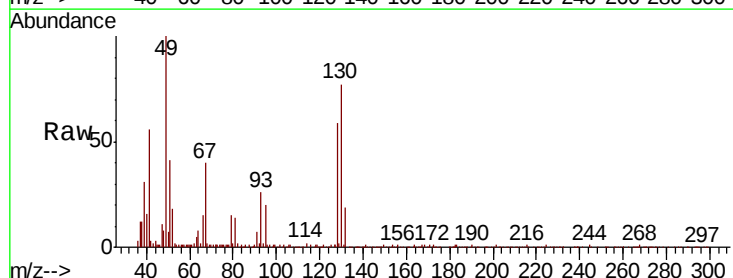
apatel
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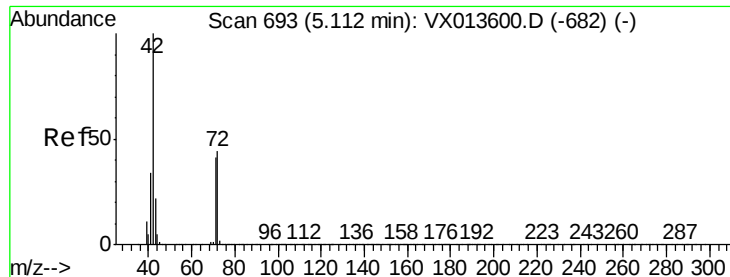


#28

Bromochloromethane
Concen: 22.196 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	78.3	65.4	98.0





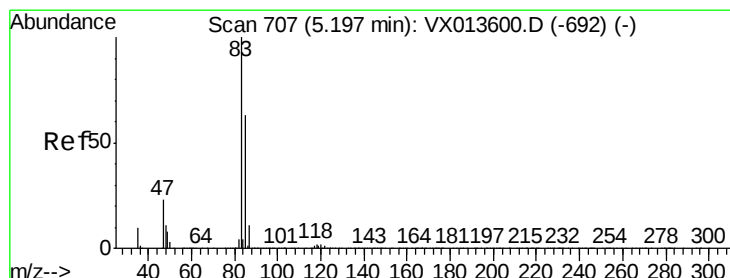
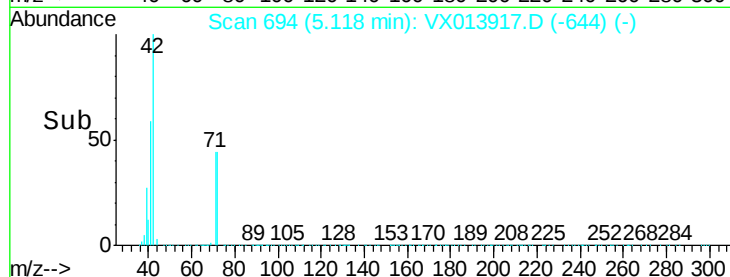
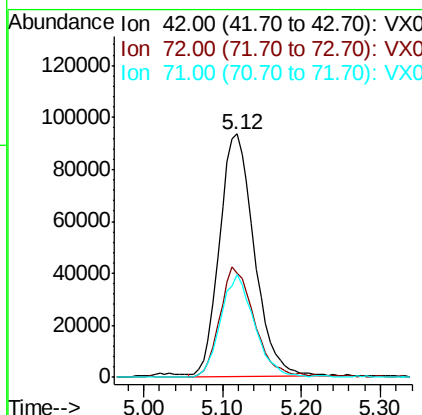
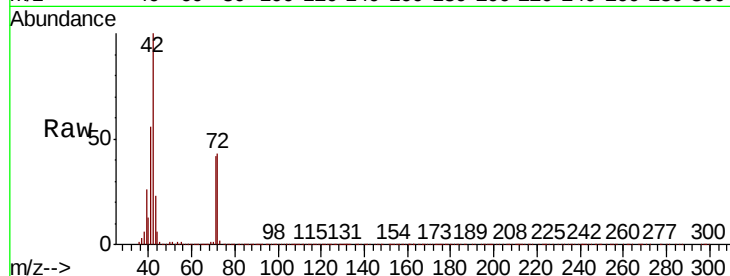
#29
Tetrahydrofuran
Concen: 102.072 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion:	42	Resp:	286309
Ion Ratio		Lower	Upper
42	100		
72	44.6	36.3	54.5
71	41.2	33.2	49.8

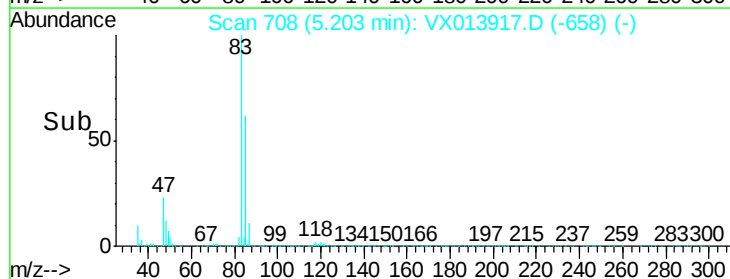
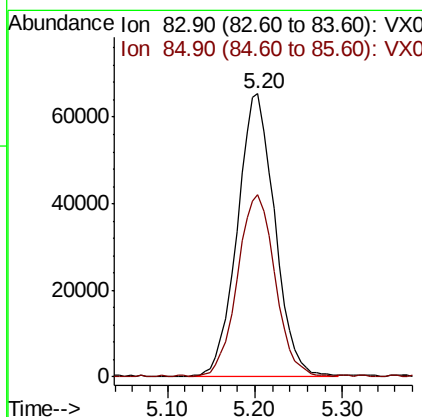
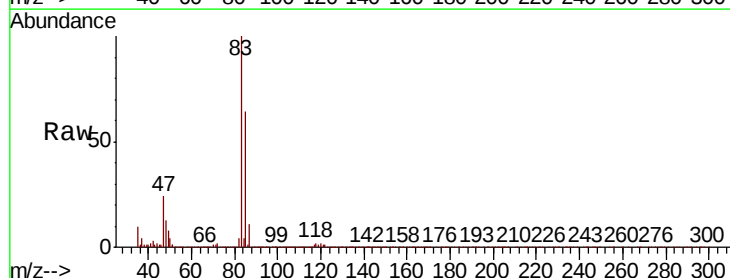
Manual Integrations
APPROVED

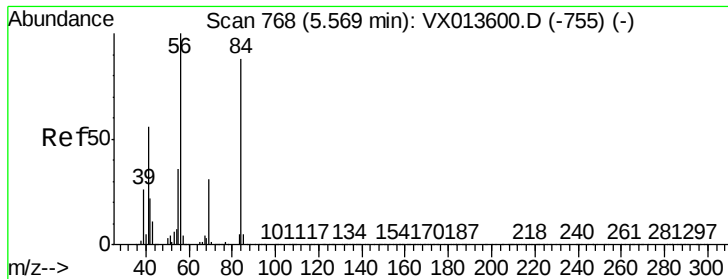
apatel
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#30
Chloroform
Concen: 19.652 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion:	83	Resp:	193554
Ion Ratio		Lower	Upper
83	100		
85	64.3	50.2	75.4





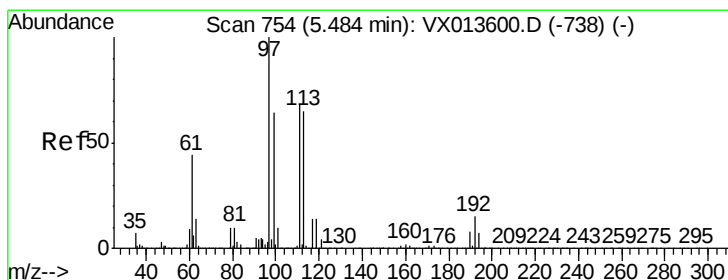
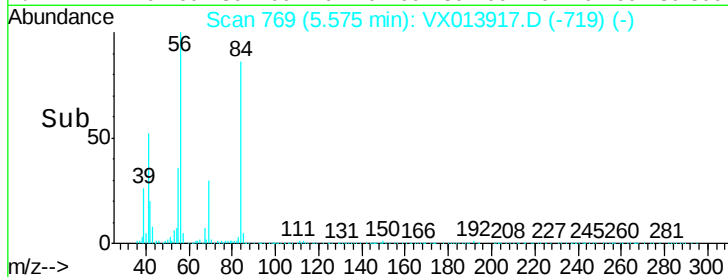
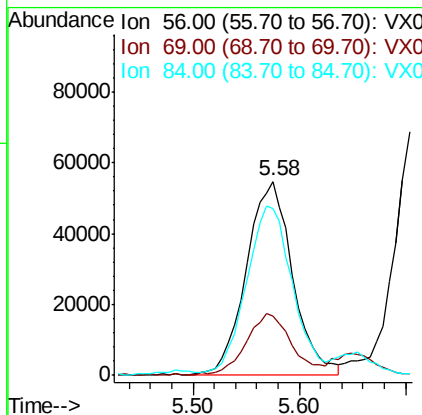
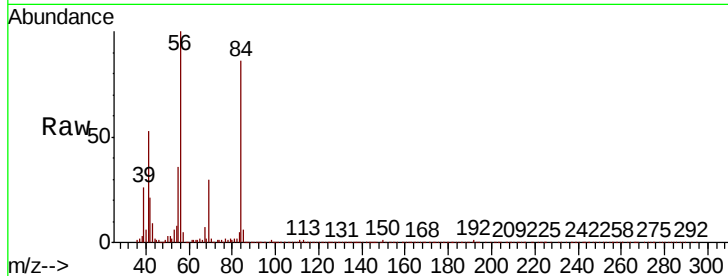
#31
Cyclohexane
Concen: 18.048 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.6	36.8
84	84.5	70.0	105.0

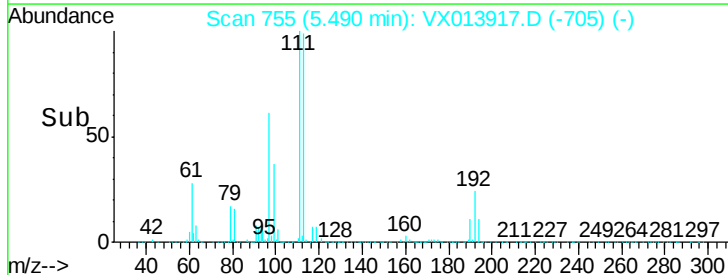
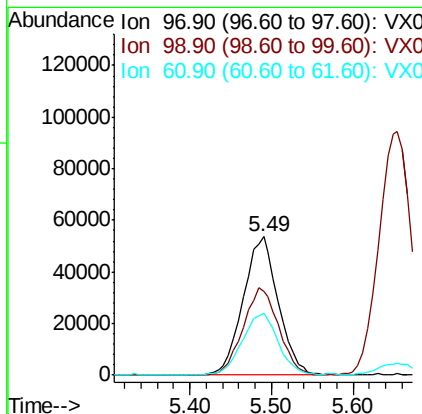
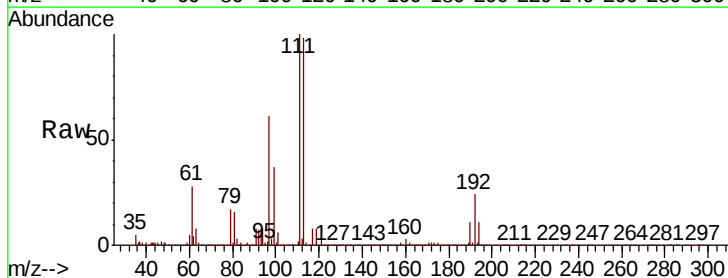
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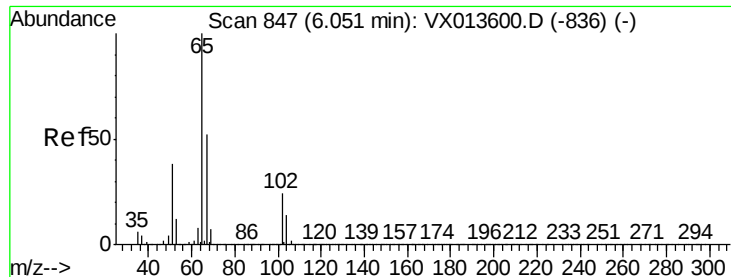
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#32
1,1,1-Trichloroethane
Concen: 19.351 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	45.8	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 65 Resp: 298999

Ion Ratio Lower Upper

65 100

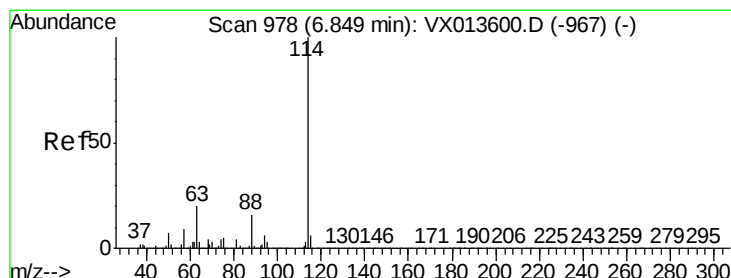
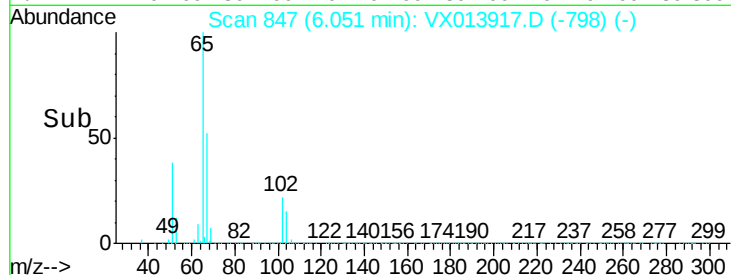
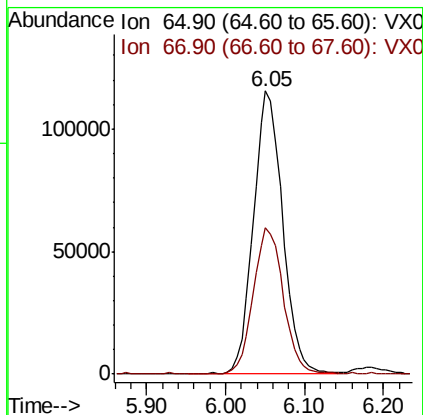
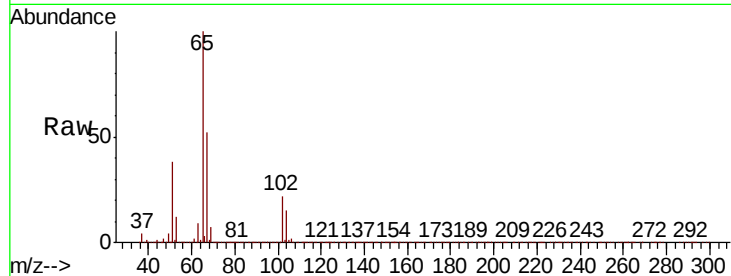
67 52.2 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

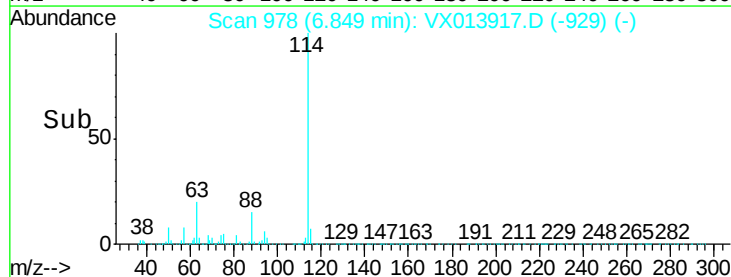
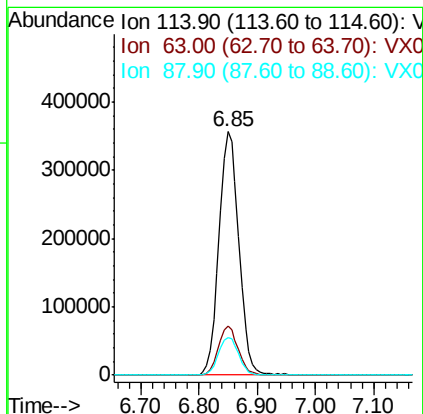
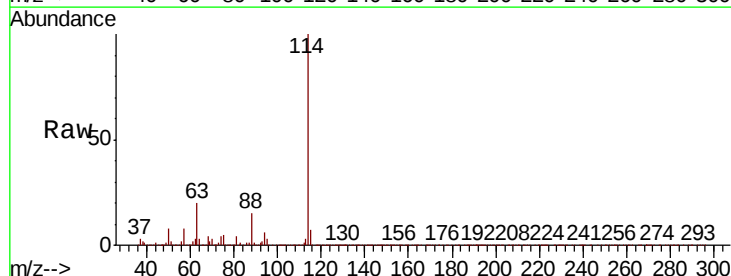
Tgt Ion: 114 Resp: 845324

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.972 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

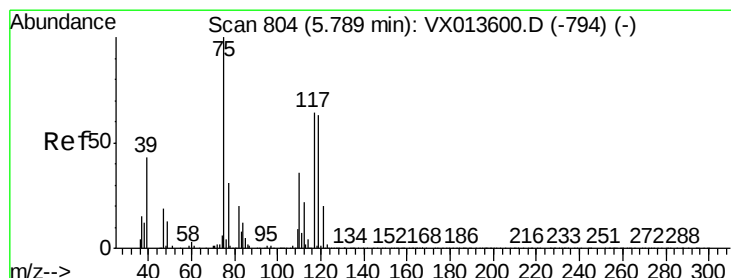
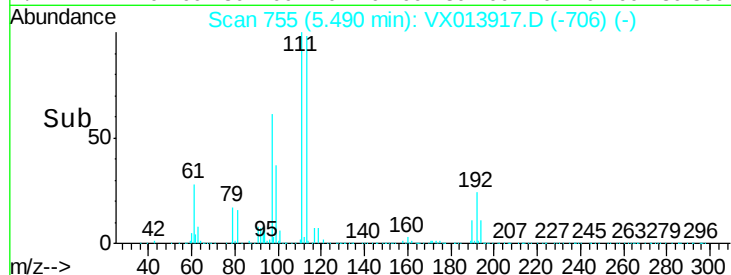
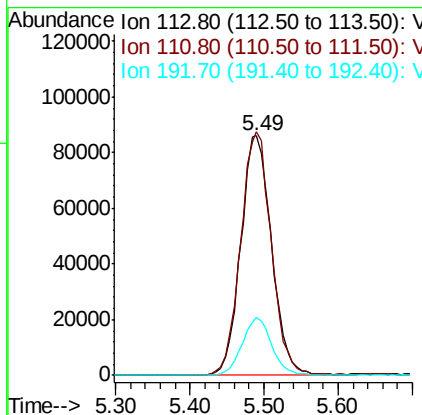
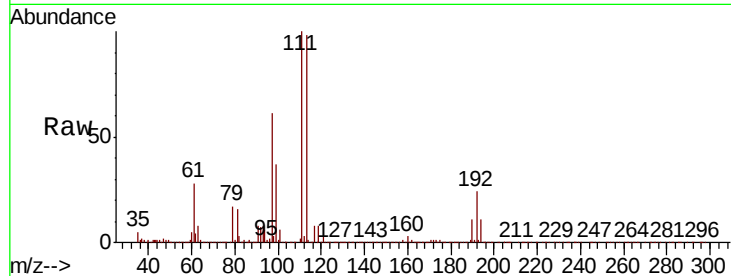
ClientSampleId :

VX1210WBS02

Tot Ion:	113	Resp:	250696
Ion Ratio	Lower	Upper	
113	100		
111	100.0	83.6	125.4
192	22.8	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.118 ug/l

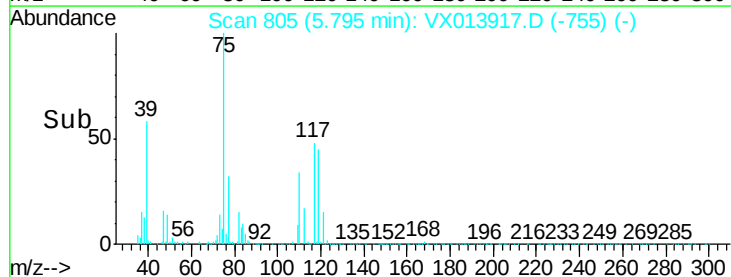
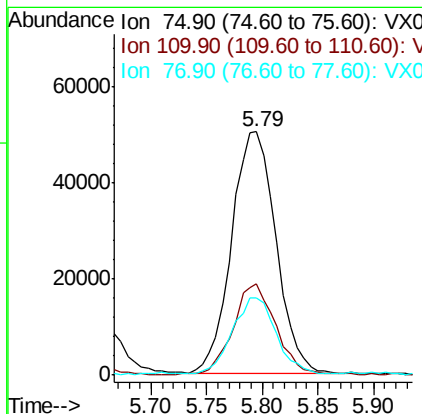
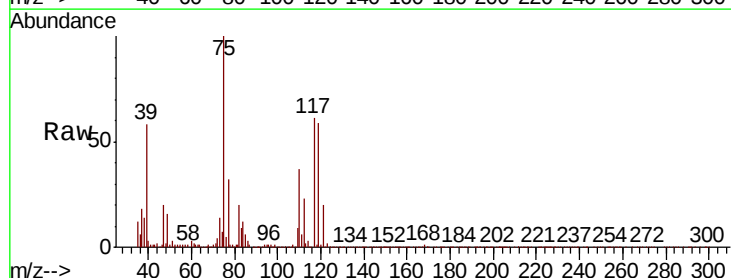
RT: 5.79 min Scan# 805

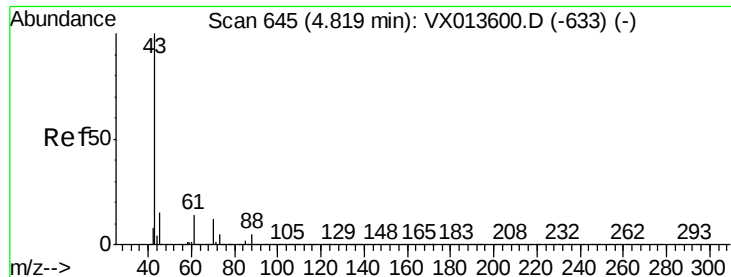
Delta R.T. 0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	75	Resp:	139028
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.1
77	31.0	24.5	36.7





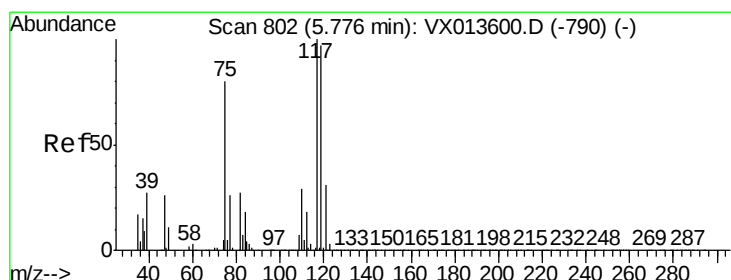
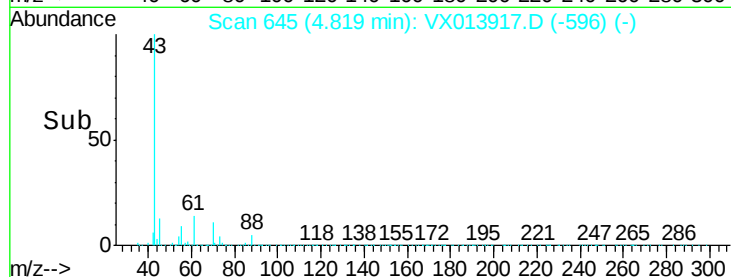
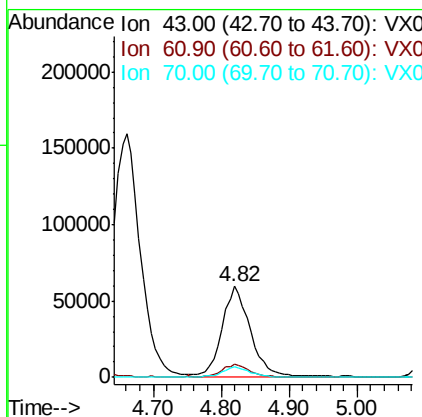
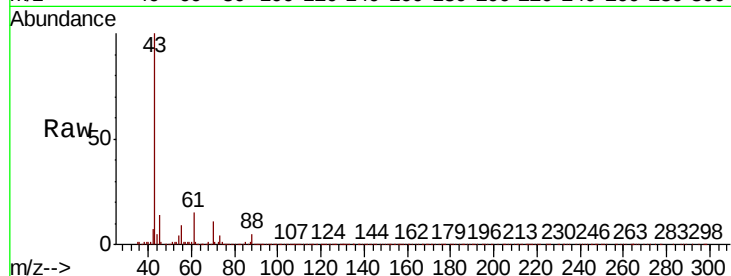
#37
Ethyl Acetate
Concen: 19.624 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.6	8.6	12.8

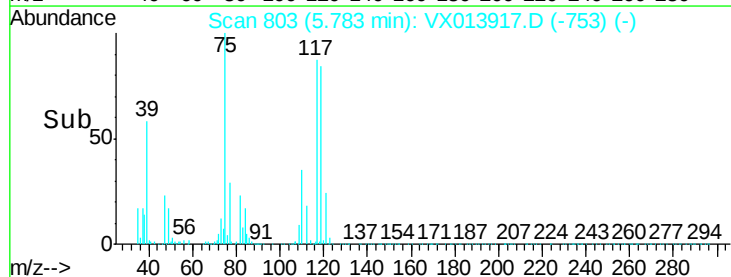
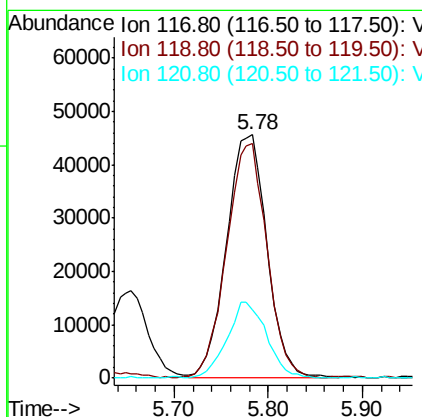
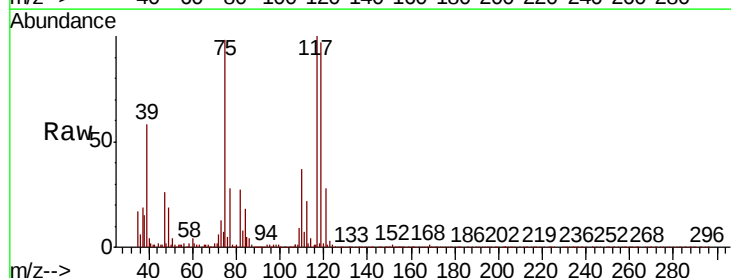
Manual Integrations
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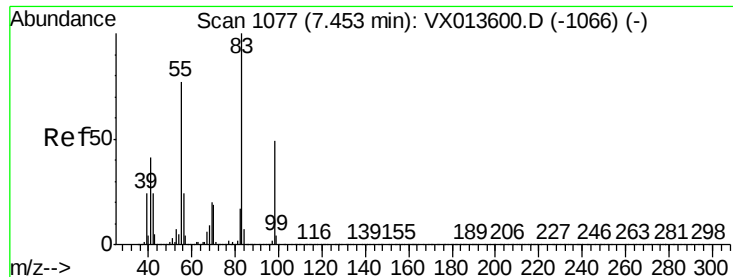
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#38
Carbon Tetrachloride
Concen: 19.138 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
121	28.1	25.0	37.6





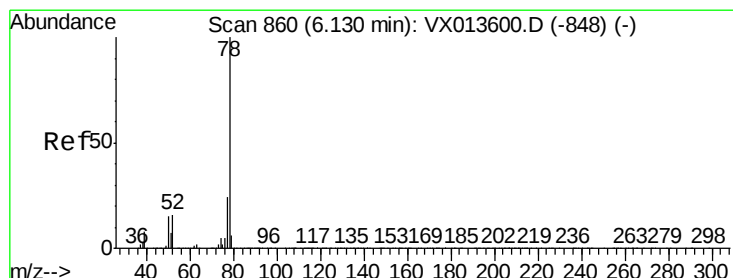
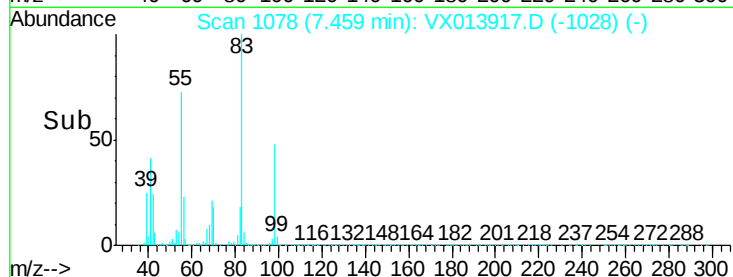
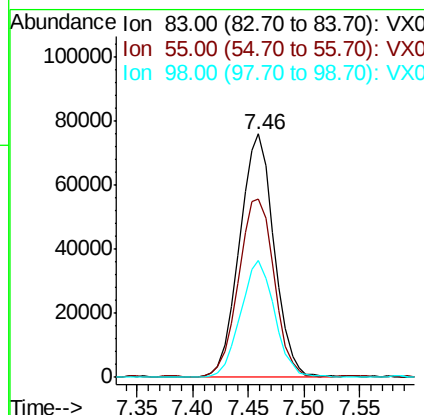
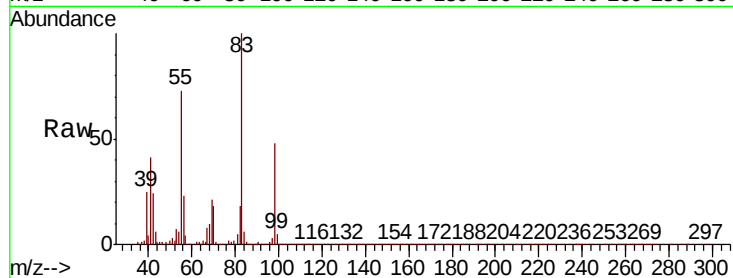
#39
Methvlcvclohexane
Concen: 17.168 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	61.9	92.9
98	48.0	39.4	59.0

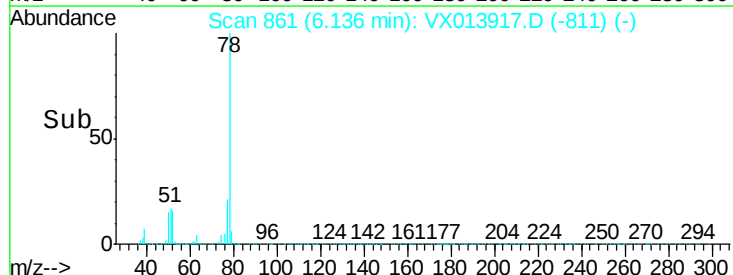
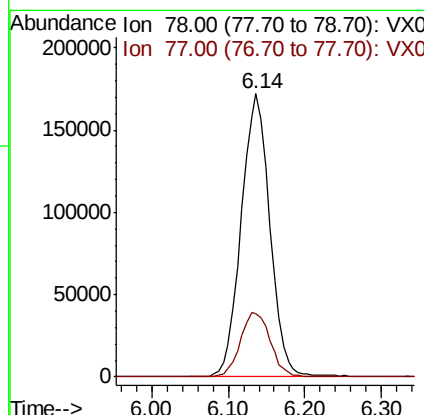
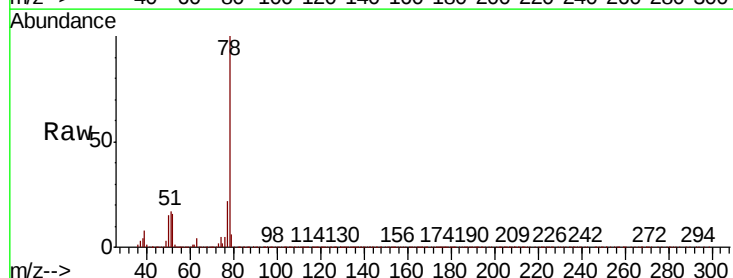
Manual Integrations
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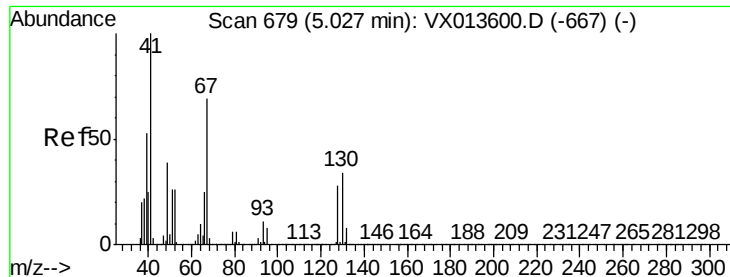
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#40
Benzene
Concen: 19.085 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.4





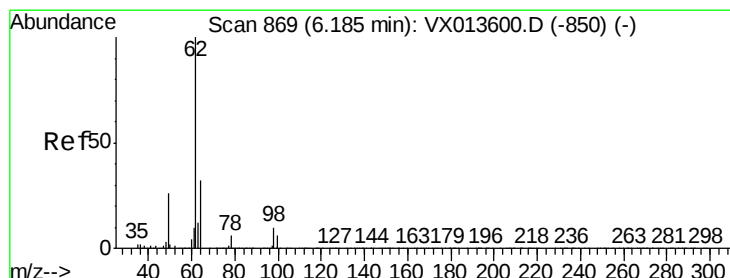
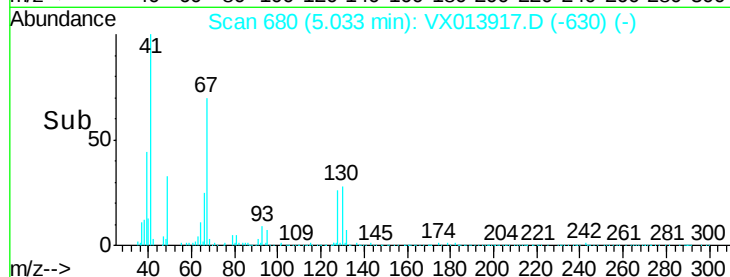
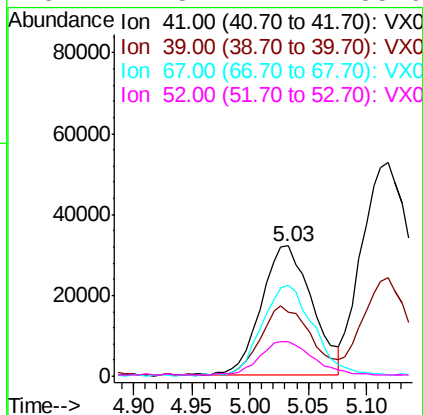
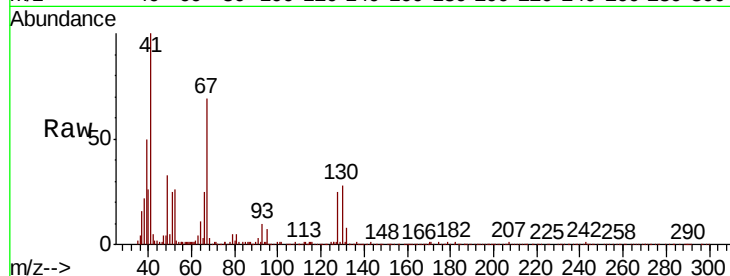
#41
Methacrylonitrile
Concen: 20.391 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.9	64.3	
67	70.7	57.4	86.0	
52	27.8	22.4	33.6	

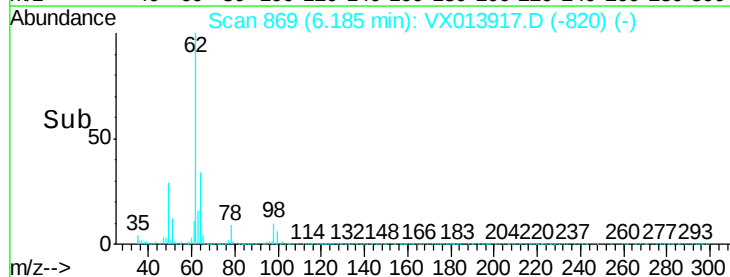
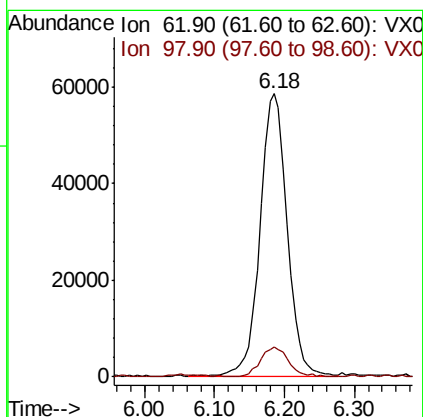
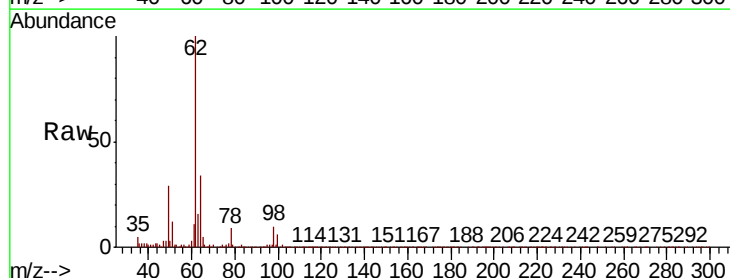
Manual Integrations
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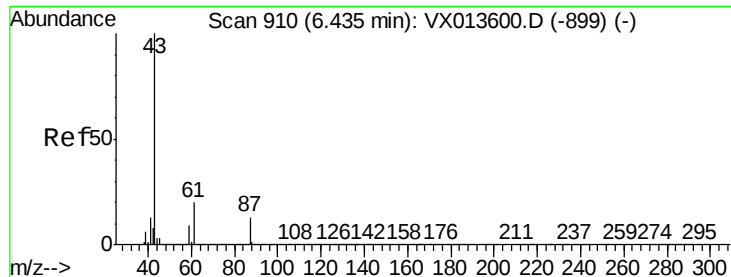
apatel
12/11/2019 2:14:15 PM



#42
1,2-Dichloroethane
Concen: 19.989 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.8	





#43

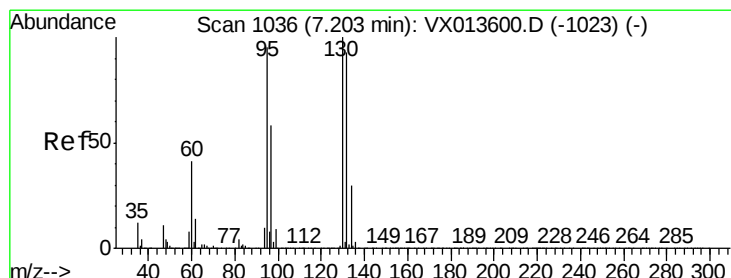
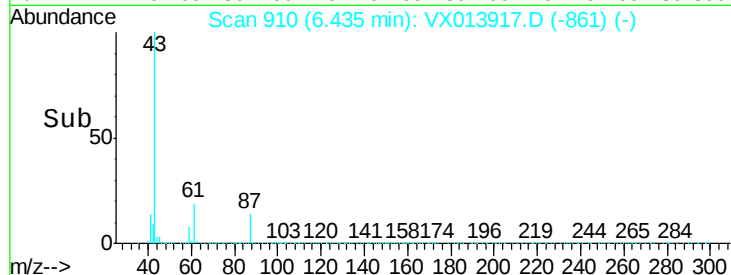
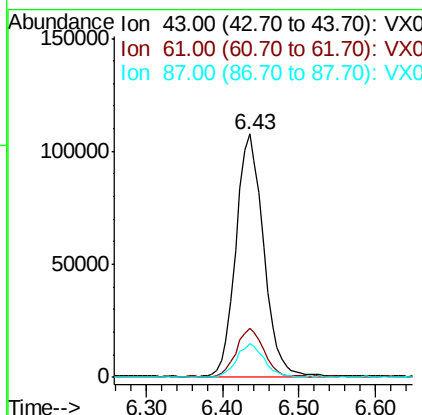
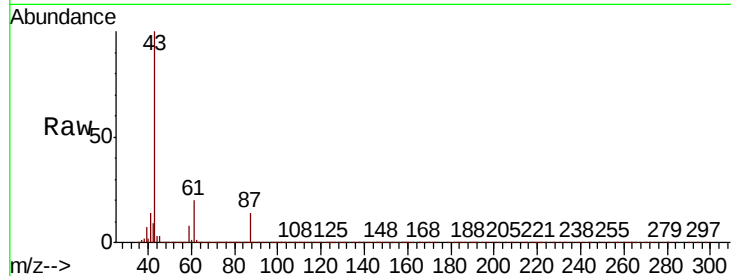
Isopropyl Acetate
 Concen: 18.987 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.3	24.5
87	13.3	10.8	16.2

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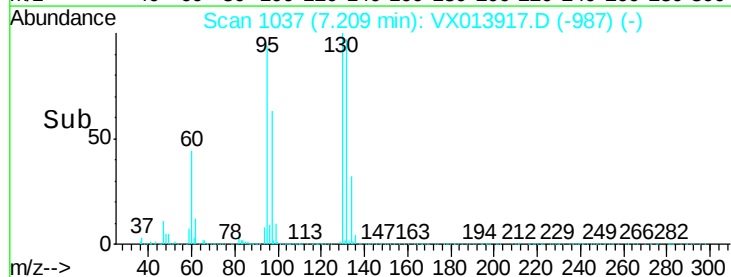
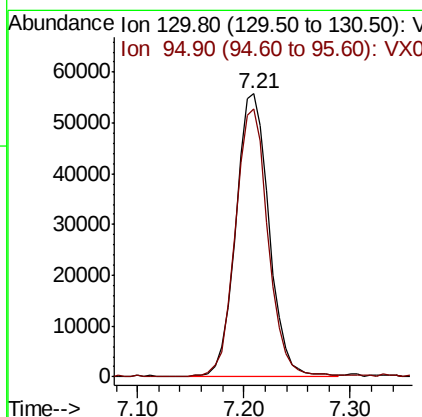
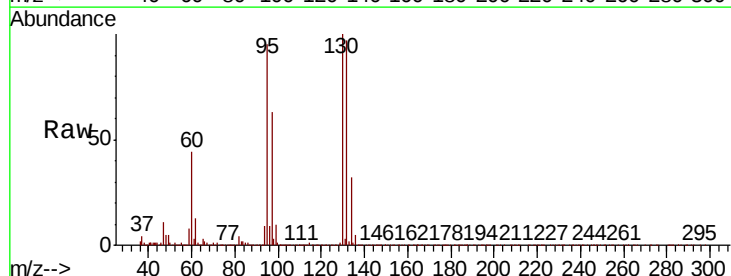
apatel
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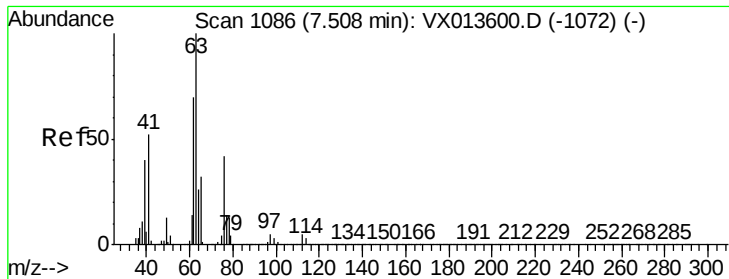


#44

Trichloroethene
 Concen: 18.955 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.118 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 63 Resp: 117633

Ion Ratio Lower Upper

63 100

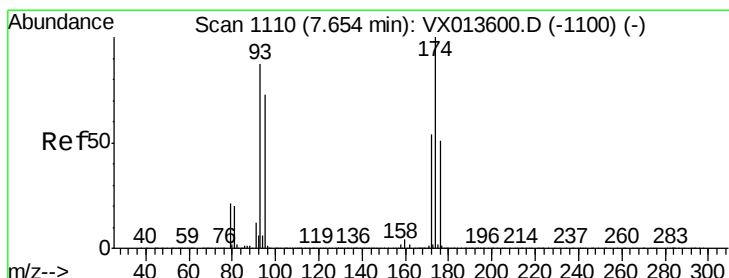
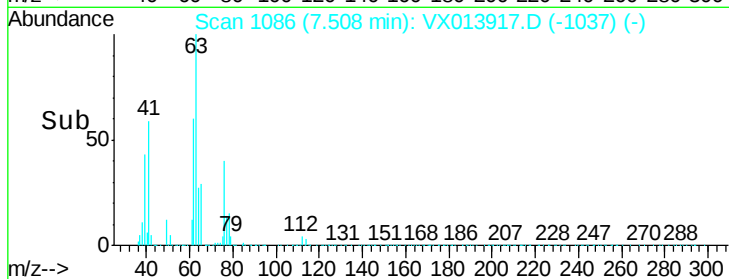
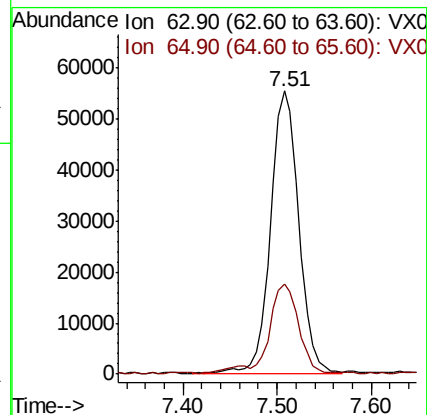
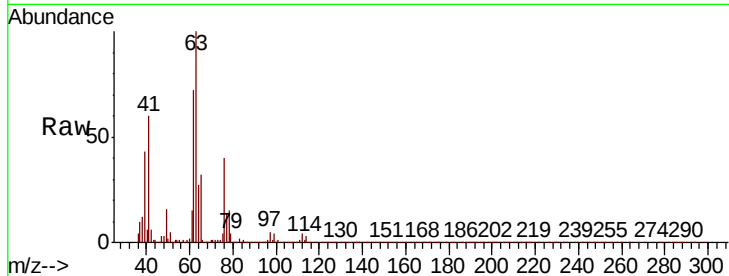
65 31.3 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 19.205 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

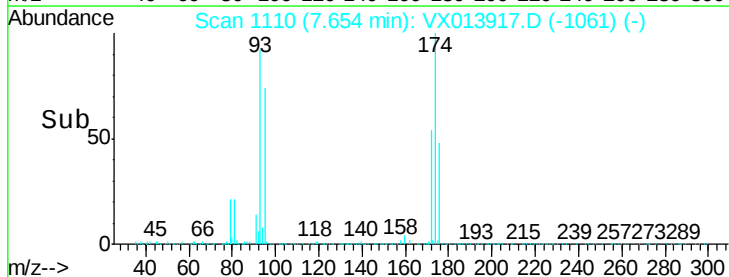
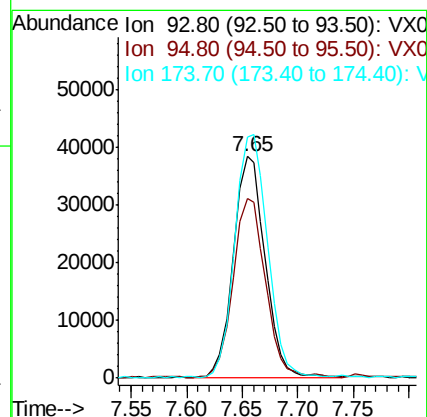
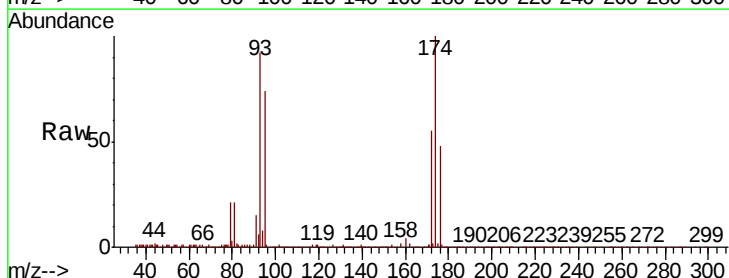
Tgt Ion: 93 Resp: 76268

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.2

174 112.7 93.4 140.0





#47

Bromodichloromethane

Concen: 19.100 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

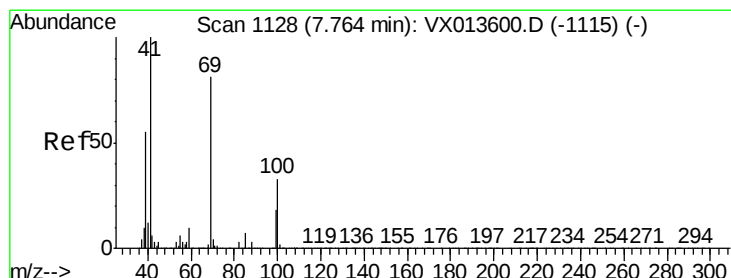
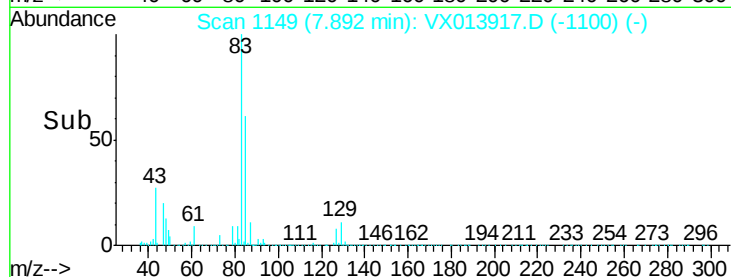
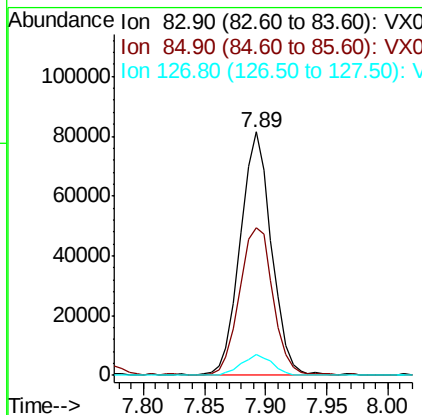
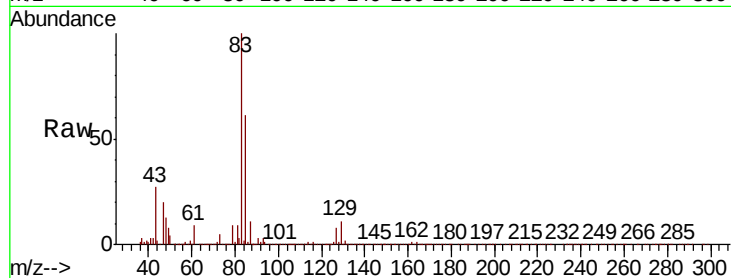
ClientSampleId :

VX1210WBS02

Tot Ion:	83	Resp:	143399
Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.1	78.1
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.994 ug/l

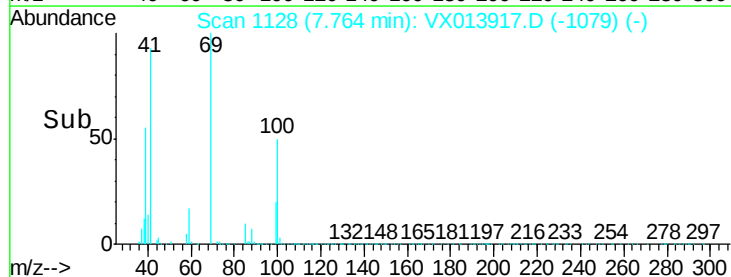
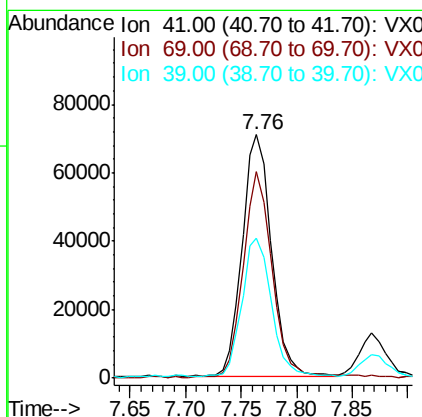
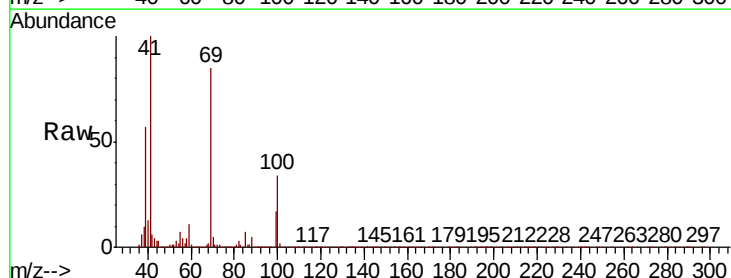
RT: 7.76 min Scan# 1128

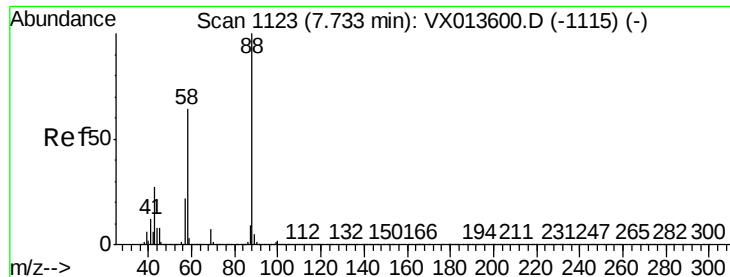
Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	41	Resp:	130789
Ion	Ratio	Lower	Upper
41	100		
69	81.9	64.7	97.1
39	57.3	43.8	65.6





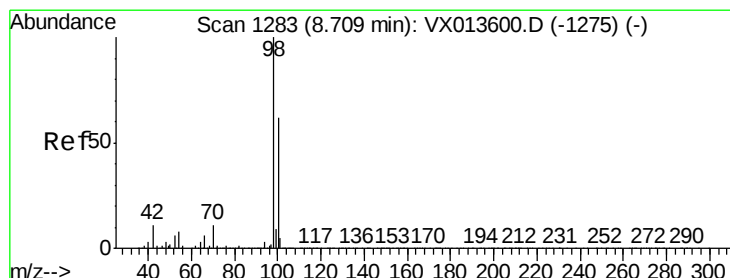
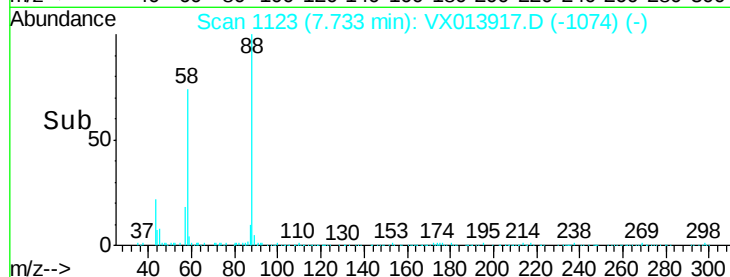
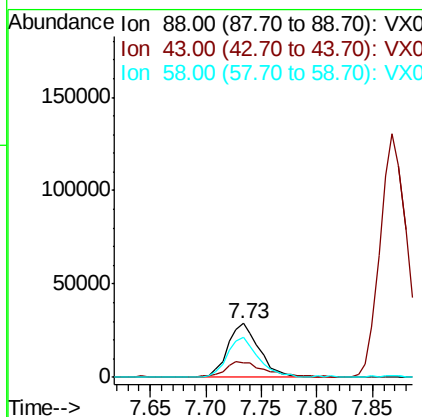
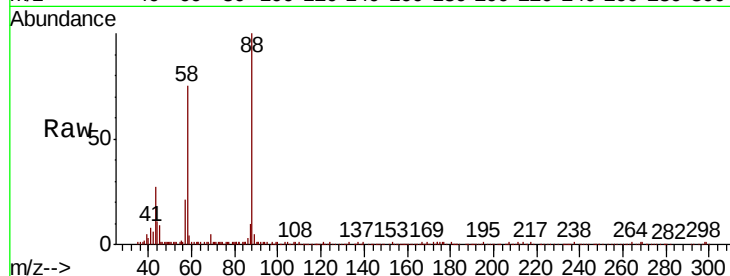
#49
1,4-Dioxane
Concen: 360.305 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	25.8	38.6
58	72.4	54.6	82.0

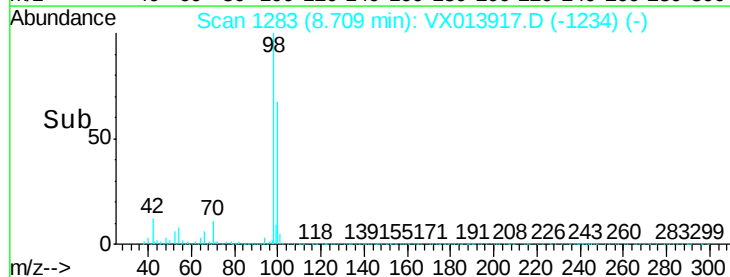
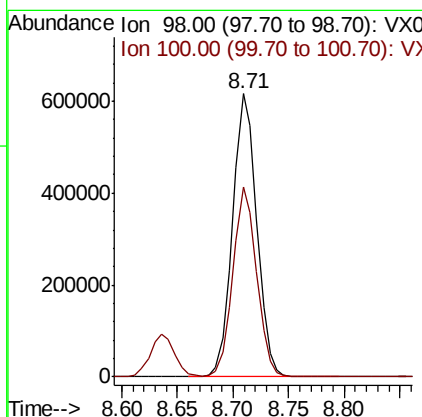
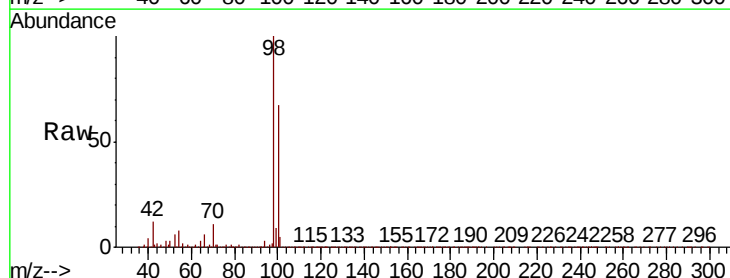
Manual Integrations
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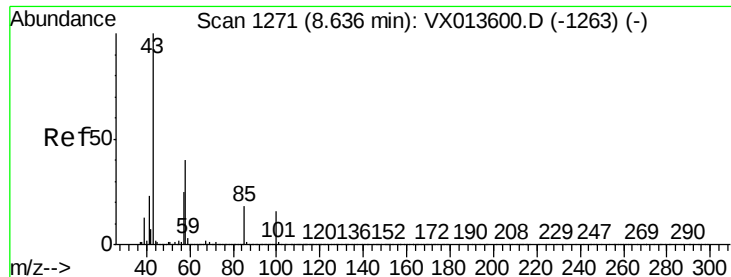
apatel
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#50
Toluene-d8
Concen: 45.380 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





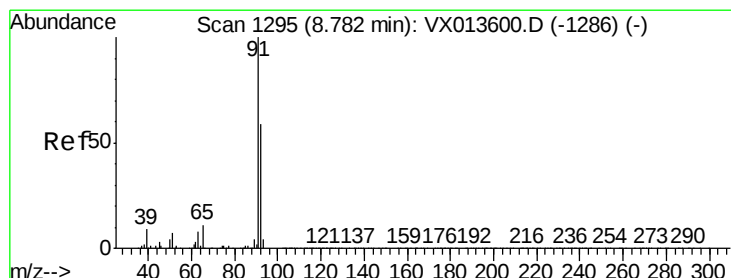
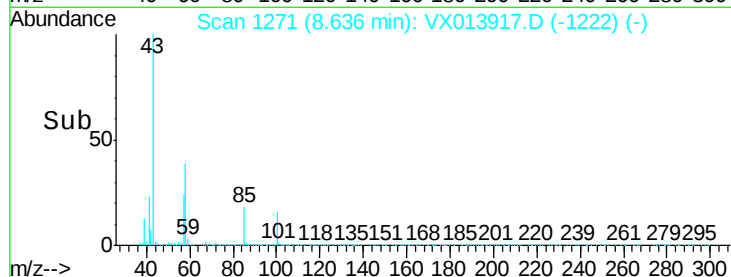
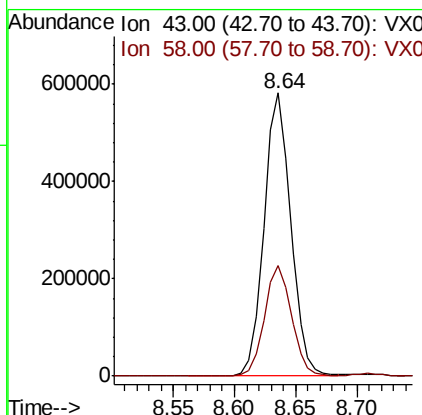
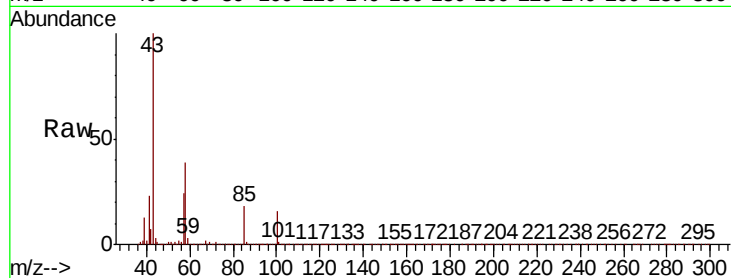
#51
4-Methyl-2-Pentanone
Concen: 99.426 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.1	48.1

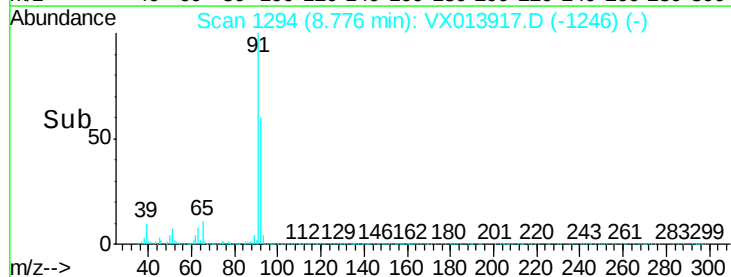
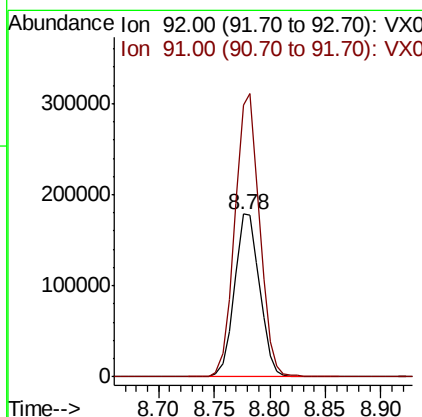
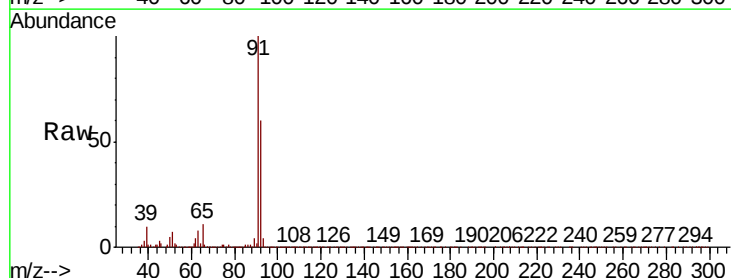
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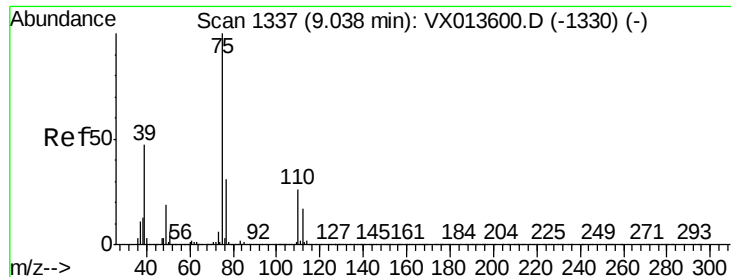
apatel
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#52
Toluene
Concen: 19.287 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.2	136.2	204.2





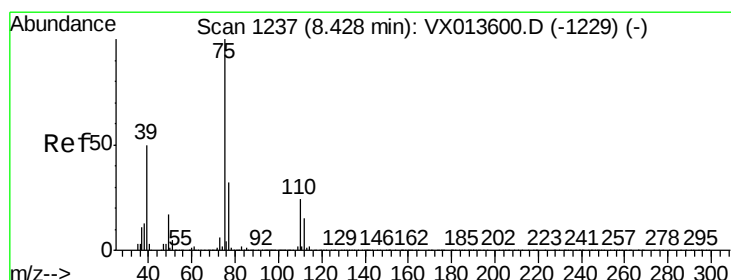
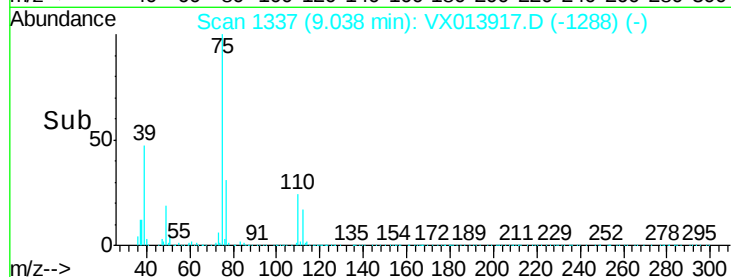
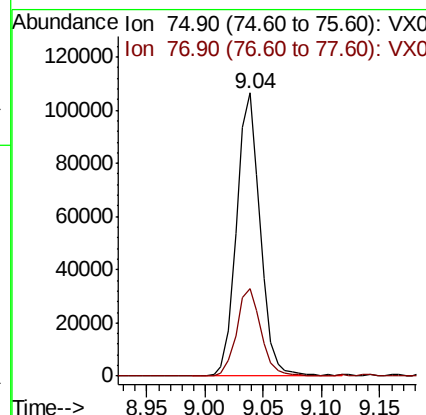
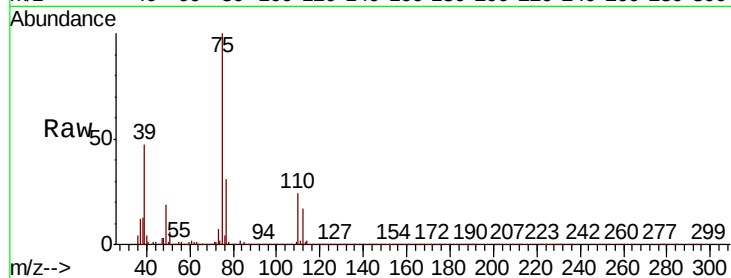
#53
t-1,3-Dichloropropene
Concen: 17.457 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.4	36.6

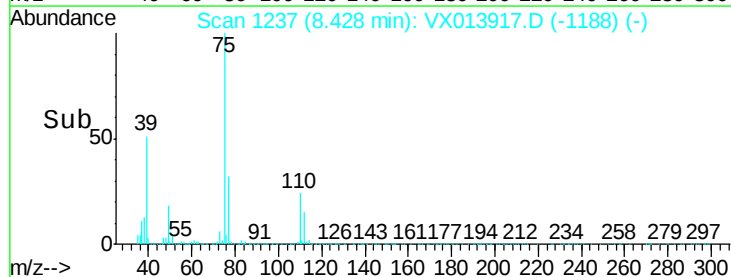
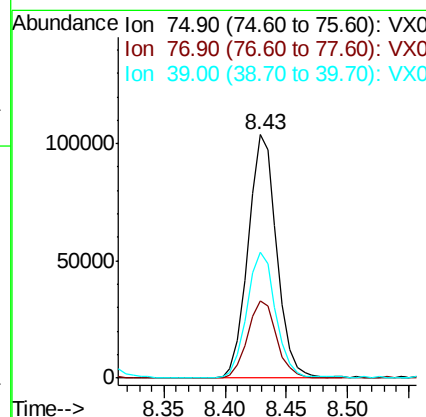
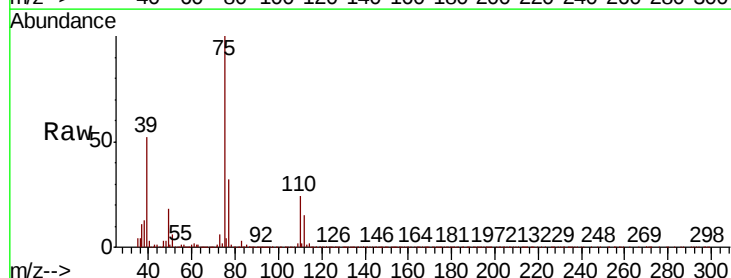
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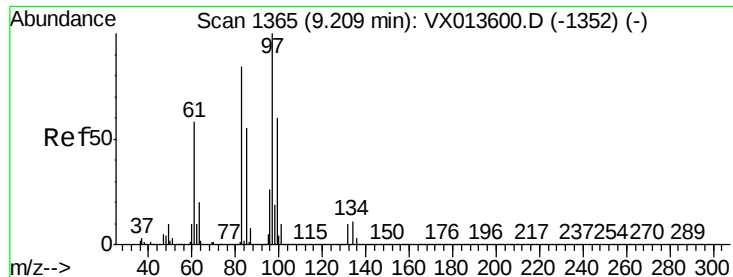
apatel
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#54
cis-1,3-Dichloropropene
Concen: 18.018 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6
39	51.4	39.9	59.9





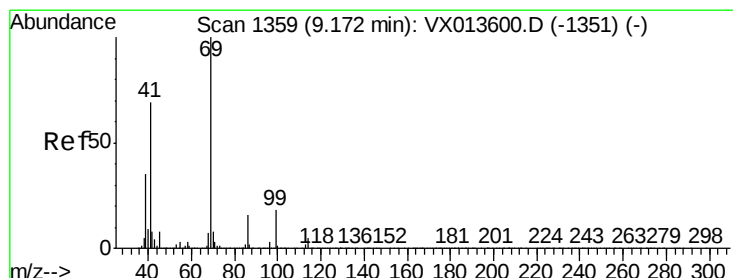
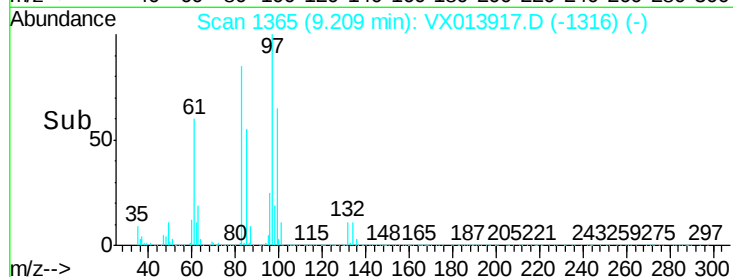
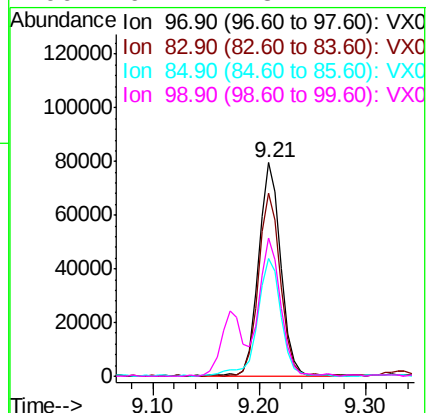
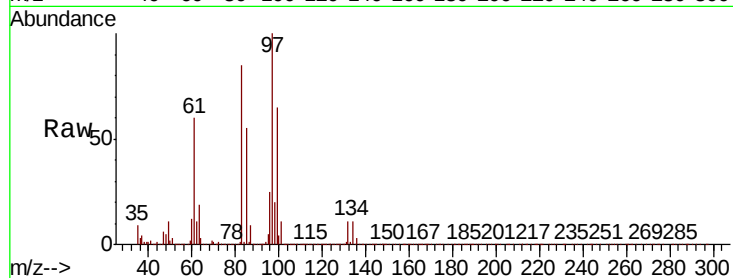
#55
 1,1,2-Trichloroethane
 Concen: 19.770 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	85.5	67.3	100.9		
85	55.5	43.6	65.4		
99	64.7	48.2	72.4		

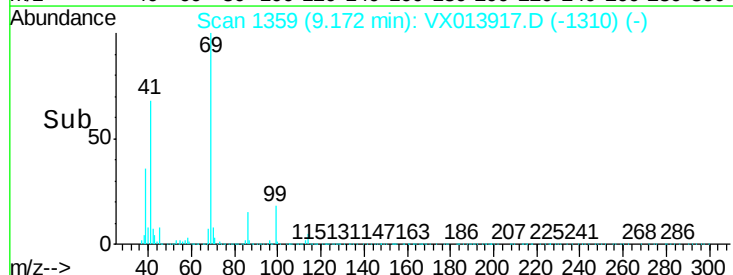
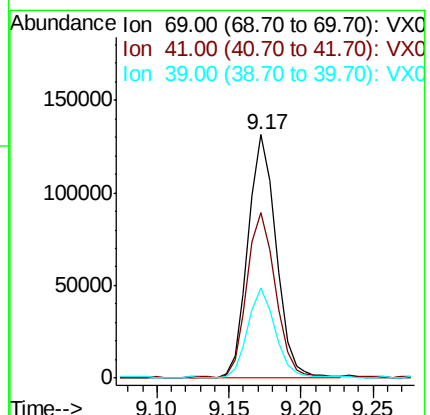
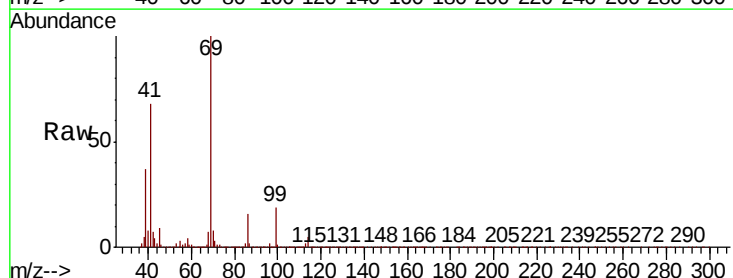
Manual Integrations
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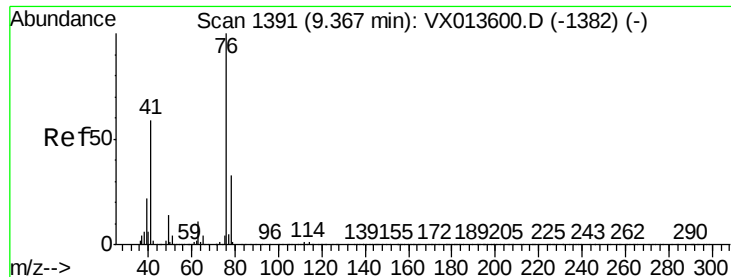
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#56
 Ethyl methacrylate
 Concen: 18.971 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	69.1	55.0	82.4		
39	35.2	28.7	43.1		





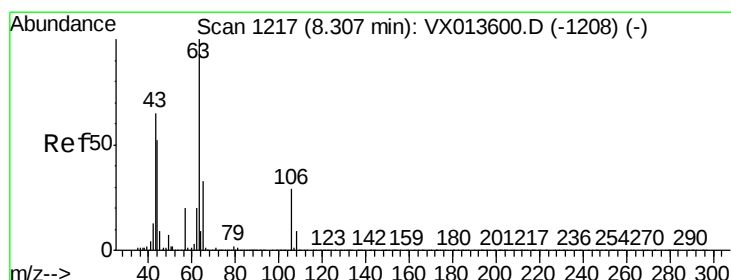
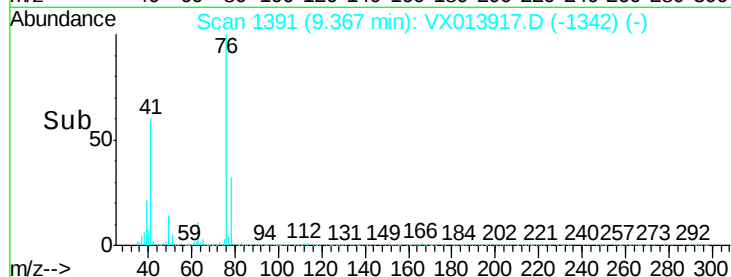
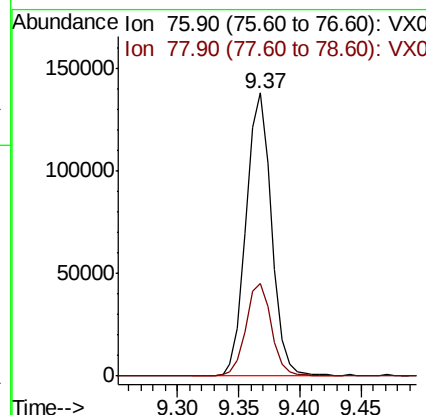
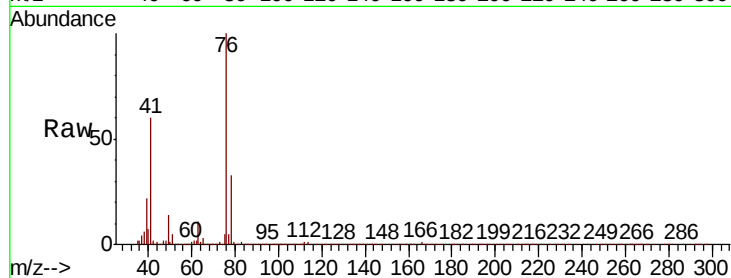
#57
 1,3-Dichloropropane
 Concen: 19.790 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

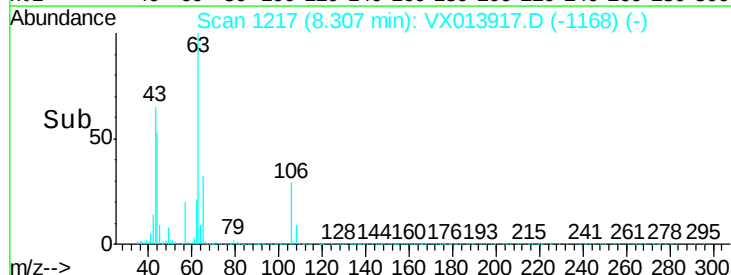
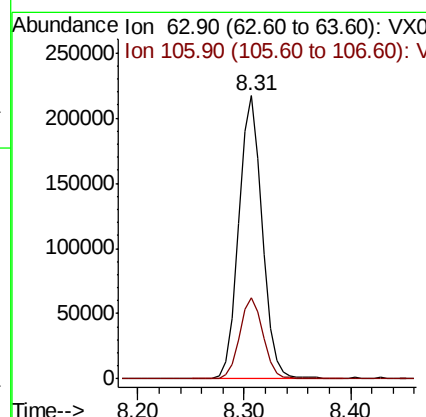
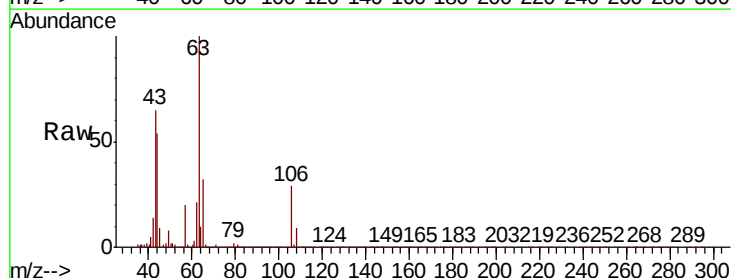
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.004 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.4	35.0





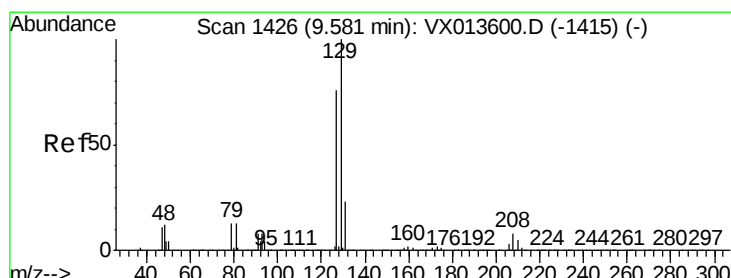
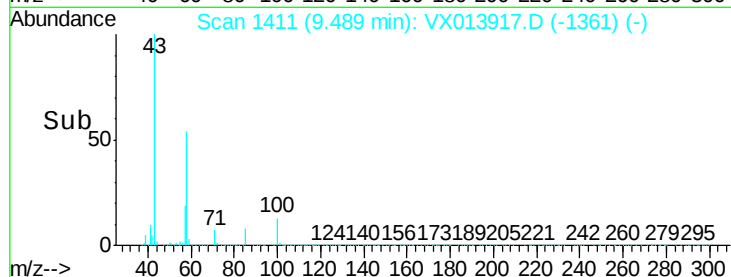
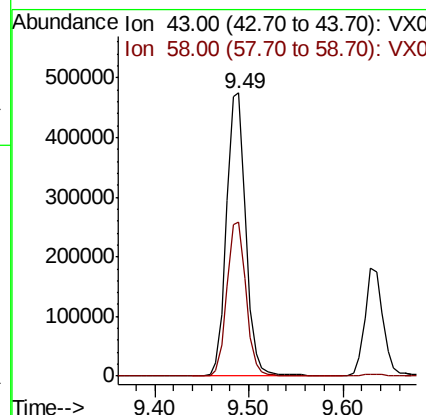
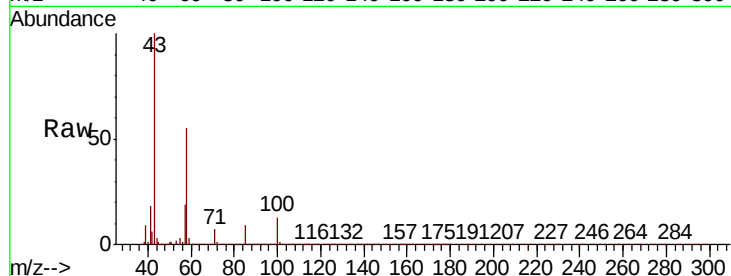
#59
2-Hexanone
Concen: 96.787 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion: 43 Resp: 672932
Ion Ratio Lower Upper
43 100
58 54.1 28.1 84.4

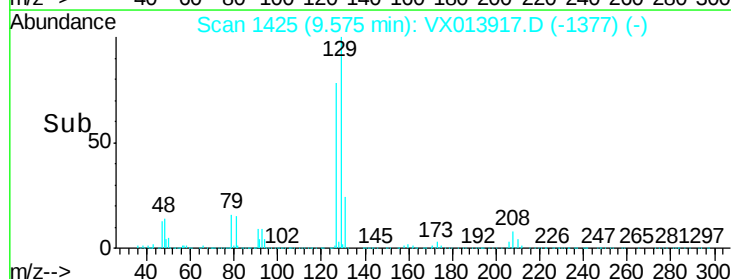
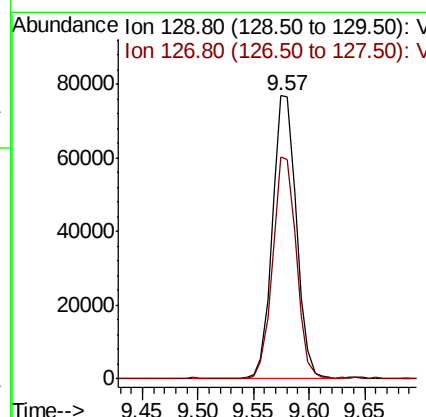
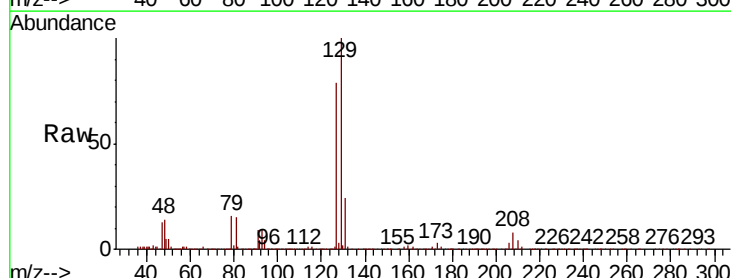
Manual Integrations
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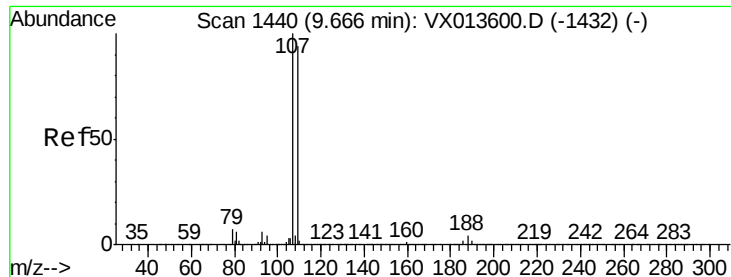
apatel
12/11/2019 2:14:15 PM



#60
Dibromochloromethane
Concen: 19.169 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 129 Resp: 116394
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.288 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 107 Resp: 120528

Ion Ratio Lower Upper

107 100

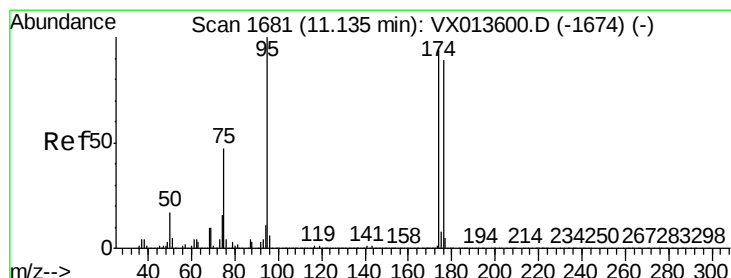
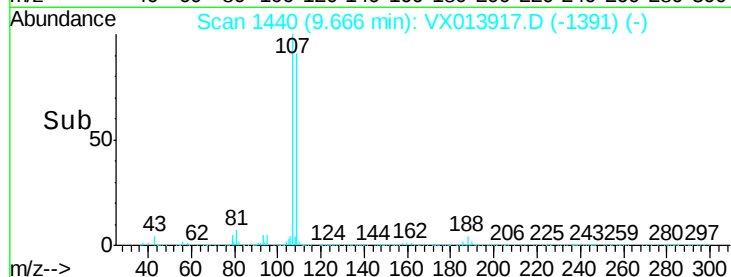
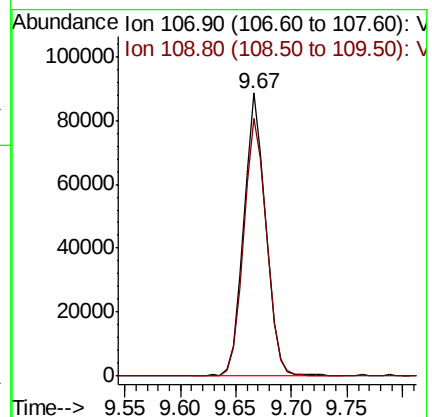
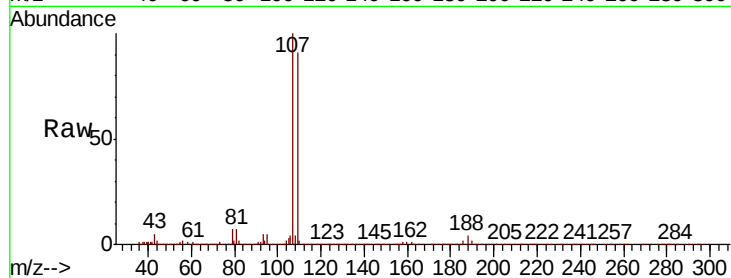
109 94.8 76.1 114.1

Manual Integrations

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apatel

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#62

4-Bromofluorobenzene

Concen: 44.814 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

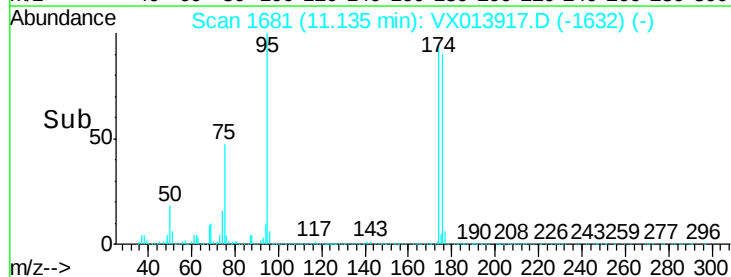
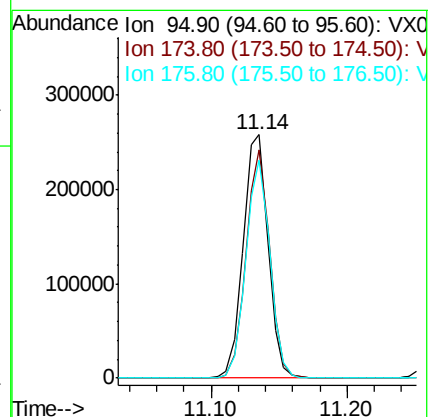
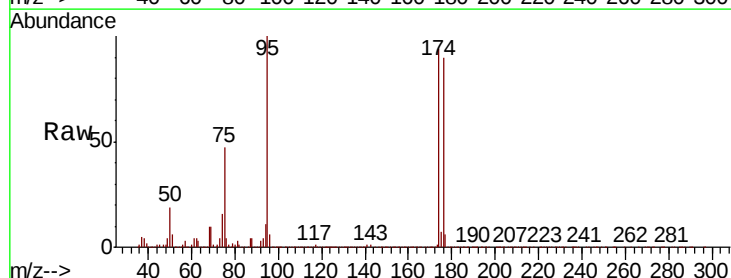
Tgt Ion: 95 Resp: 329033

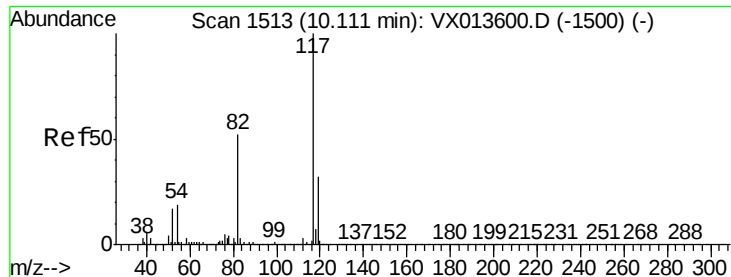
Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

176 86.5 0.0 173.6





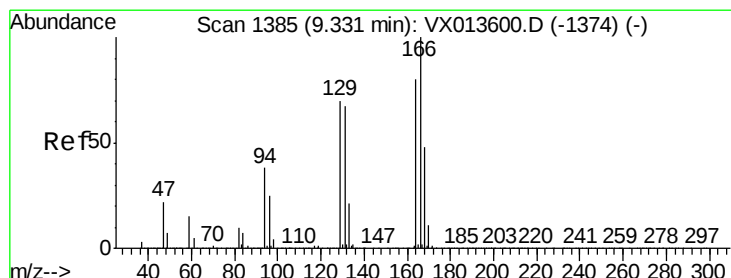
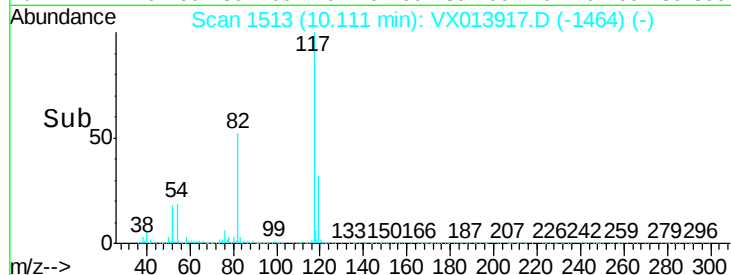
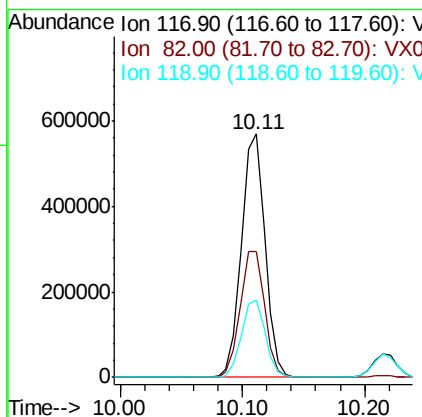
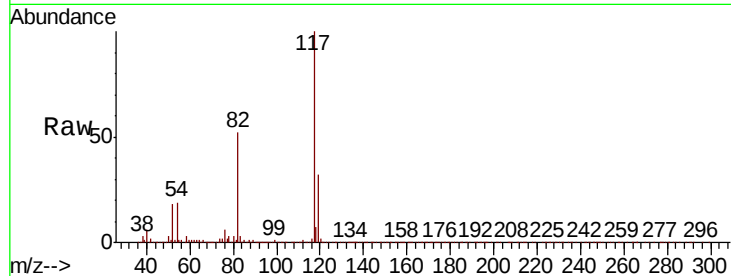
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	760172		
82	51.8		41.8	62.8
119	31.8		25.8	38.8

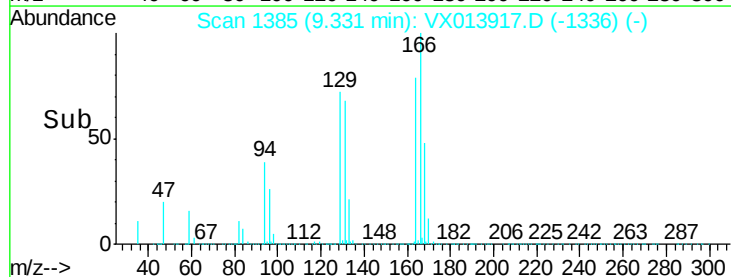
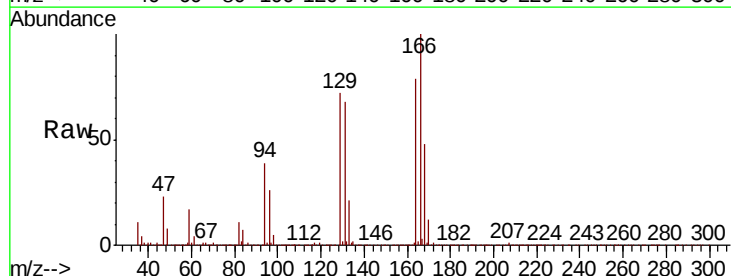
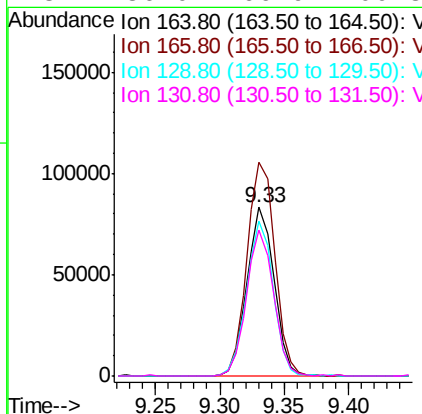
Manual Integrations
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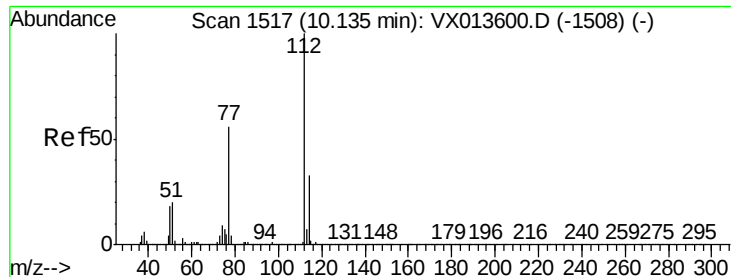
apatel
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#64
Tetrachloroethene
Concen: 21.387 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121239		
166	126.3		99.7	149.5
129	91.1		70.1	105.1
131	86.0		66.9	100.3





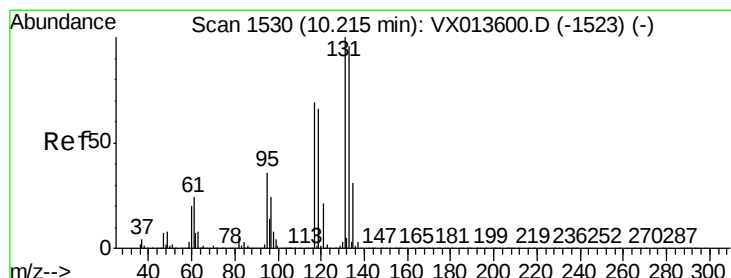
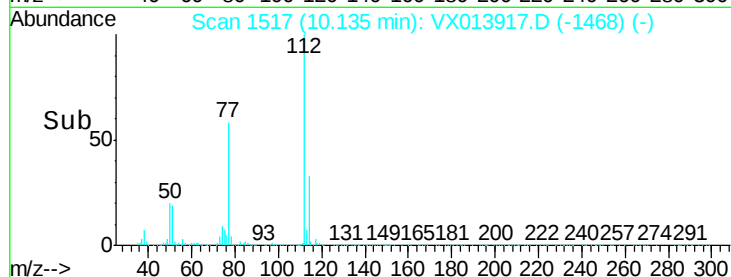
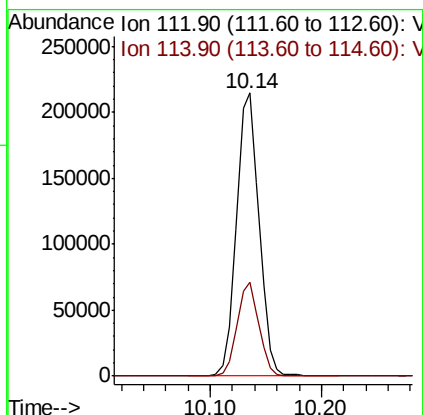
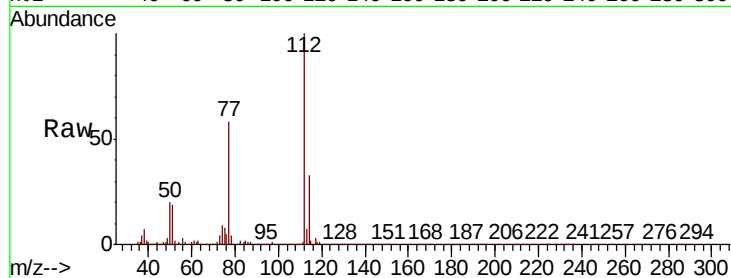
#65
Chlorobenzene
Concen: 19.014 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.1	39.1

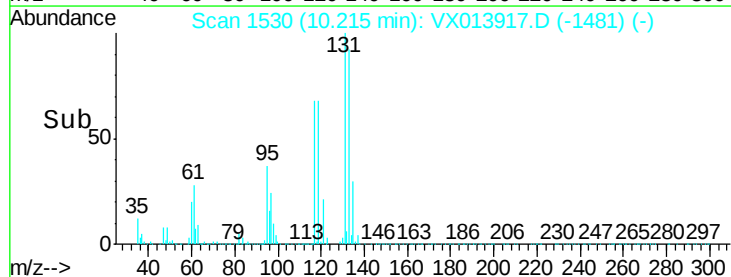
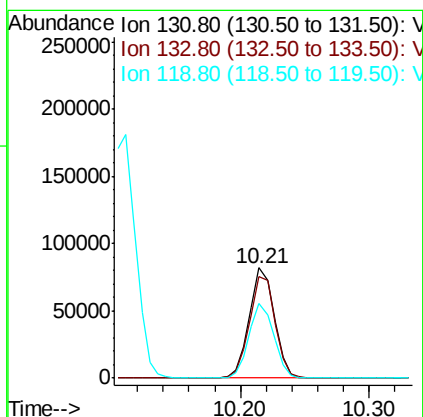
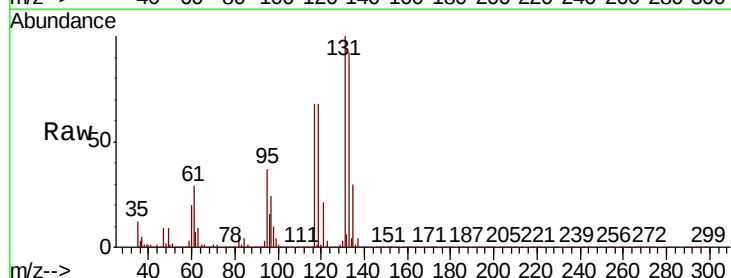
Manual Integrations
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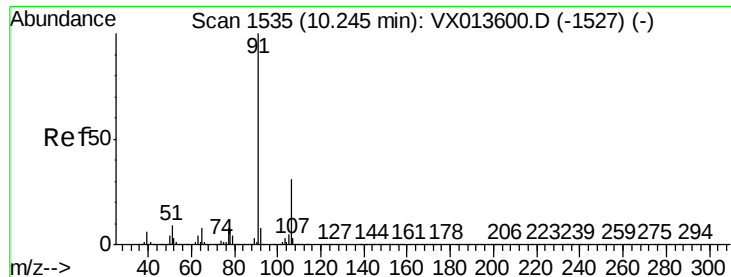
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.418 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.7	143.1
119	67.0	32.9	98.6





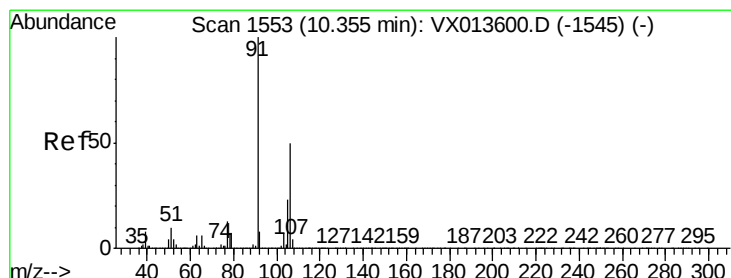
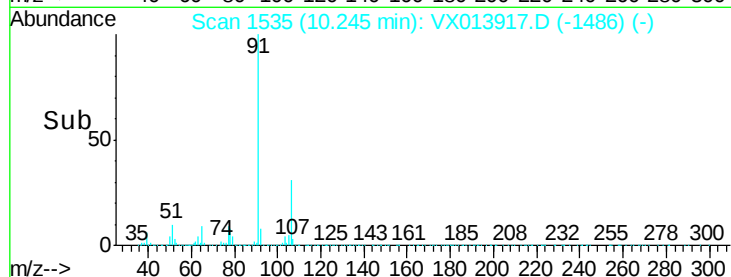
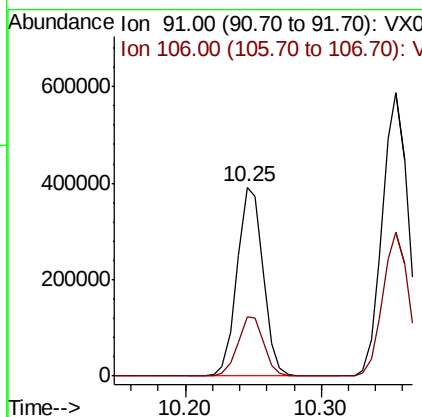
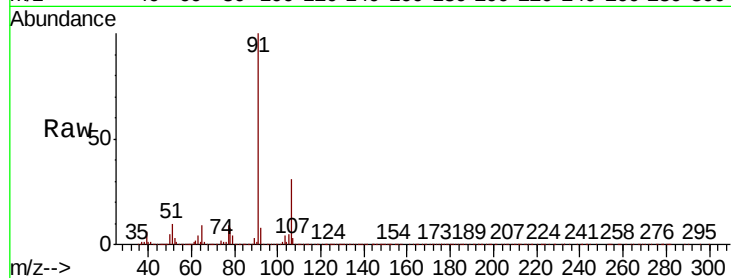
#67
Ethyl Benzene
Concen: 19.161 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion: 91 Resp: 519658
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7

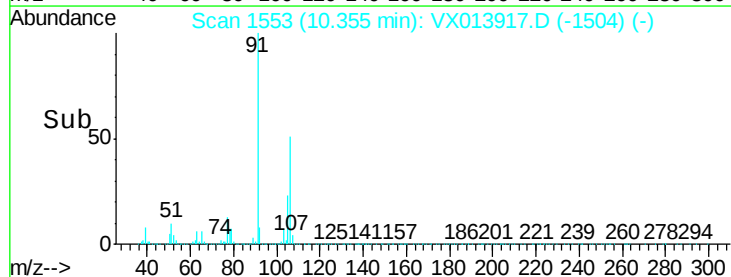
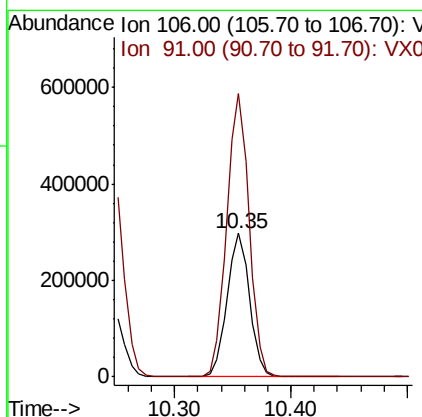
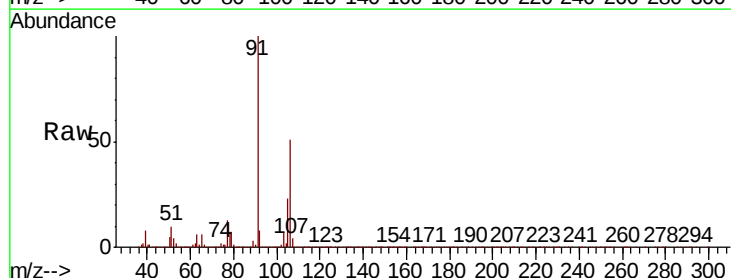
Manual Integrations
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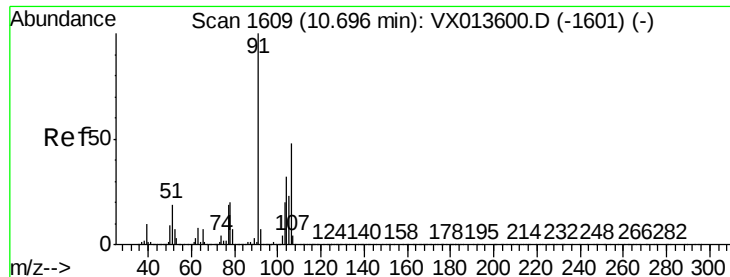
apatel
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#68
m/p-Xylenes
Concen: 38.318 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion: 106 Resp: 397868
Ion Ratio Lower Upper
106 100
91 197.2 159.0 238.4





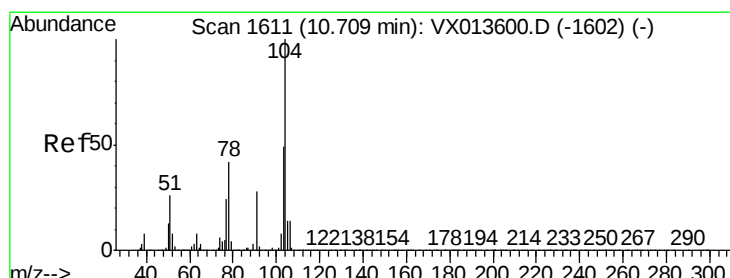
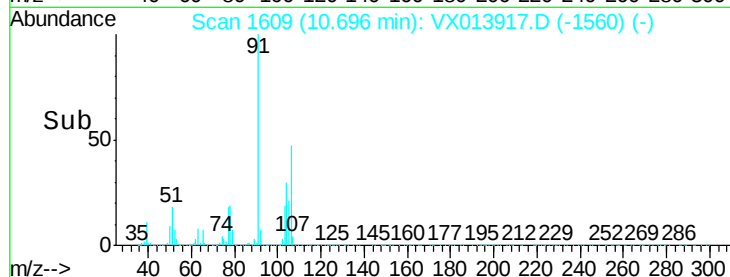
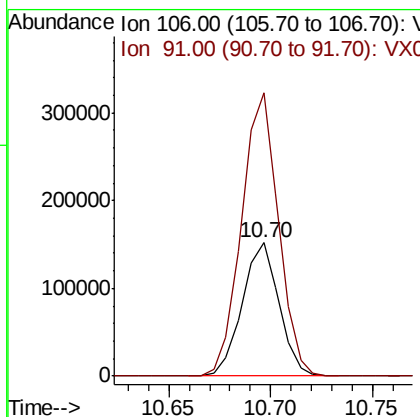
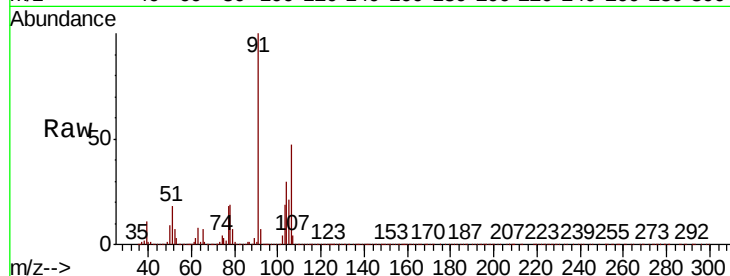
#69
o-Xylene
Concen: 18.665 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.8	104.1	312.2

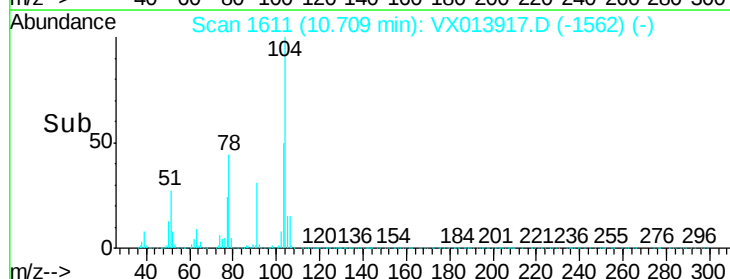
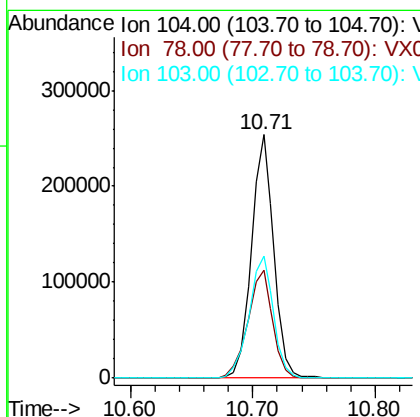
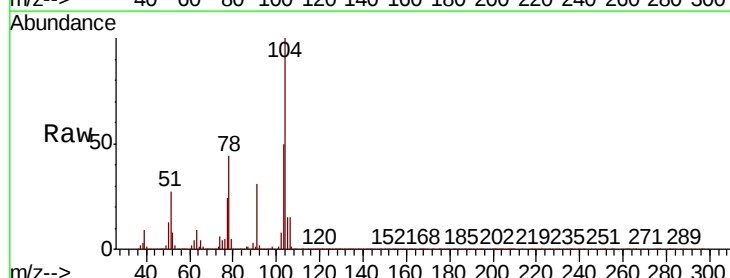
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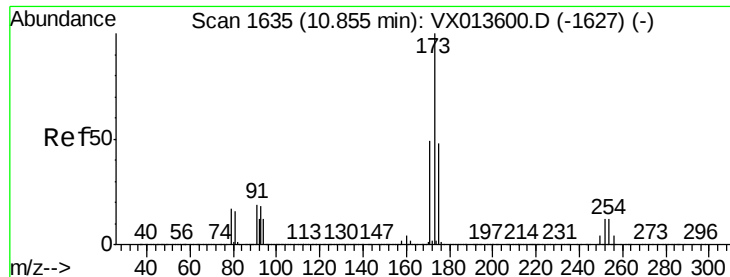
apatel
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#70
Styrene
Concen: 18.909 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.7	38.5	57.7
103	55.1	43.7	65.5





#71

Bromoform

Concen: 18.014 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion:173 Resp: 84473

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.8

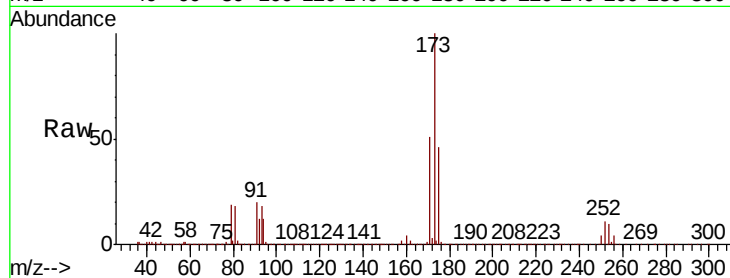
254 0.4 0.2 0.4#

Manual Integrations

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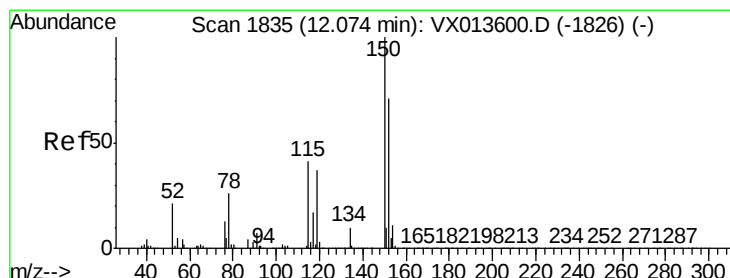
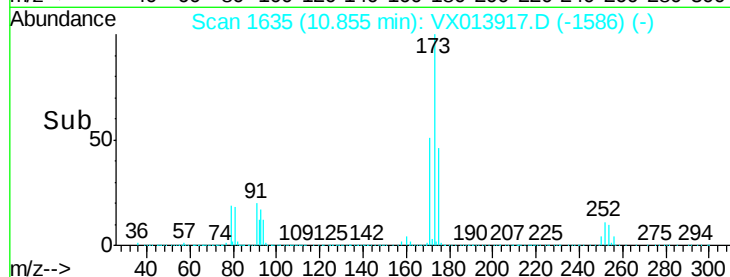
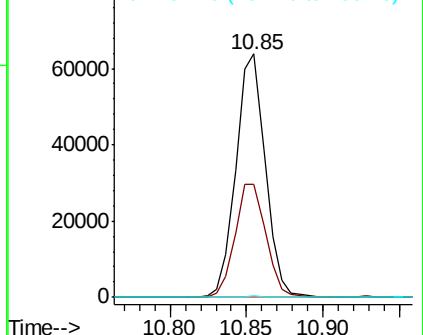
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

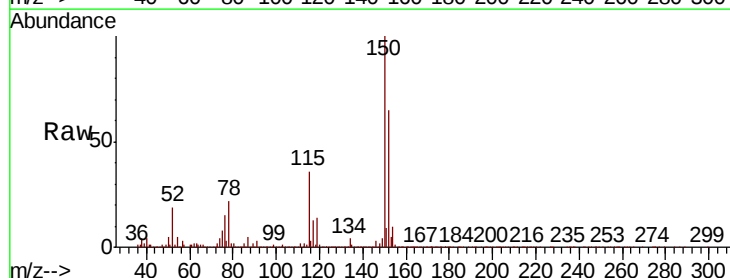
Tgt Ion:152 Resp: 369863

Ion Ratio Lower Upper

152 100

115 62.7 38.4 115.1

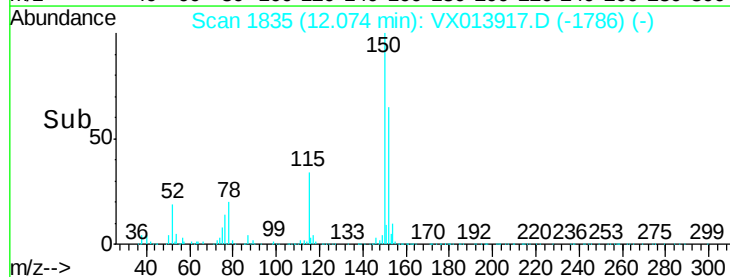
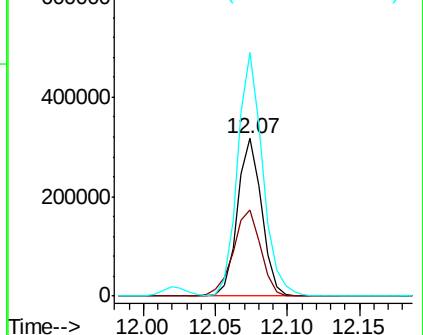
150 160.7 0.0 346.8

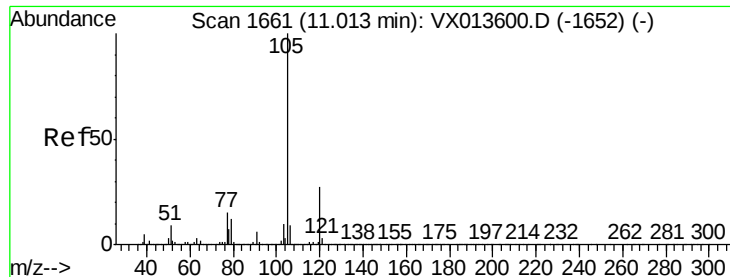


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.606 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 105 Resp: 508659

Ion Ratio Lower Upper

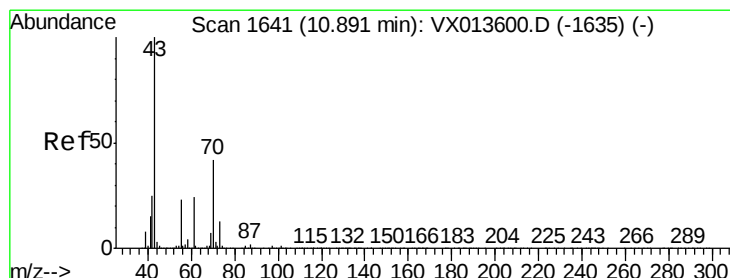
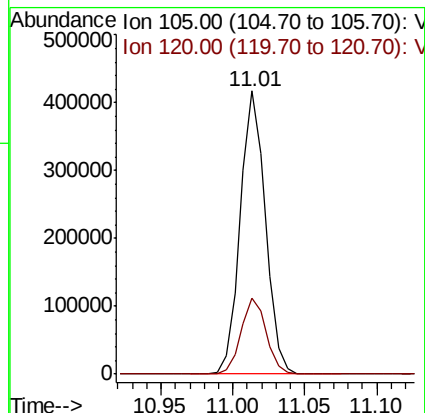
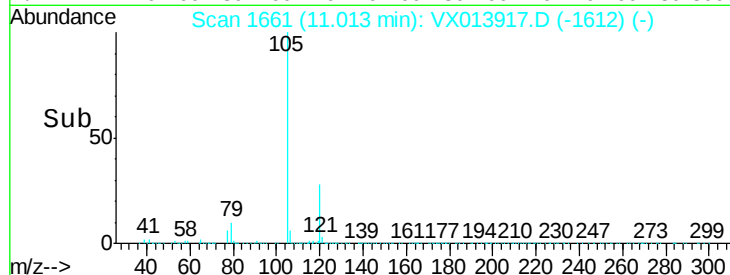
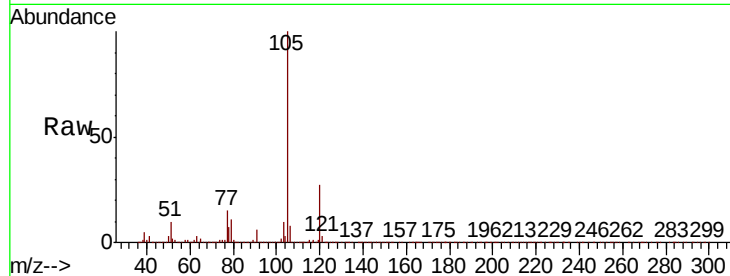
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.203 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion: 43 Resp: 228223

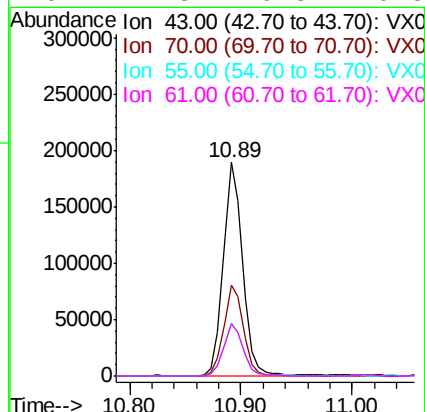
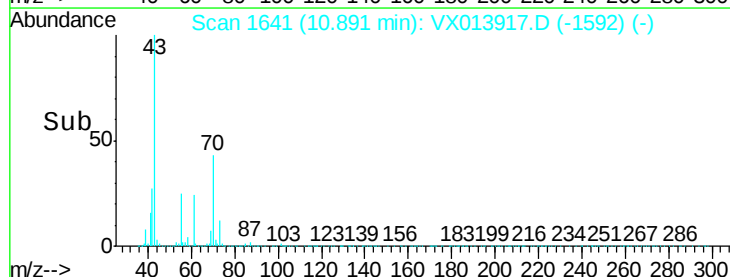
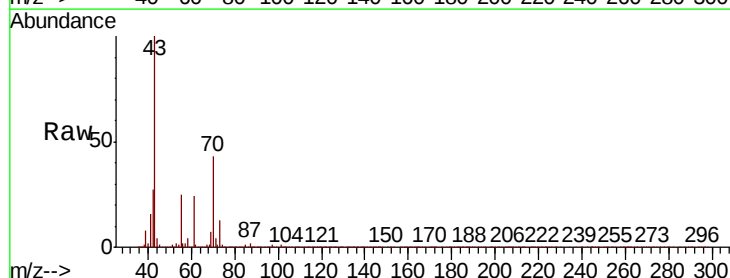
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 24.8 18.5 27.7

61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.194 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

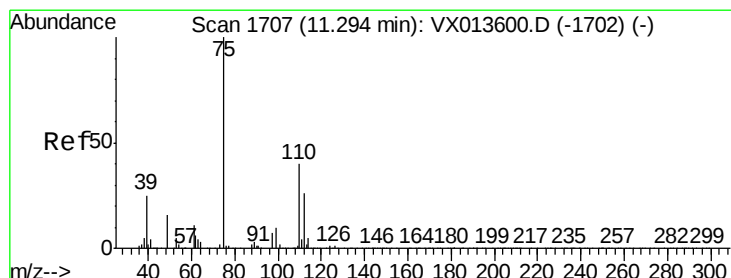
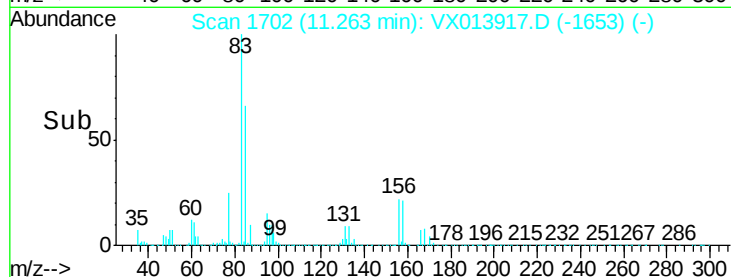
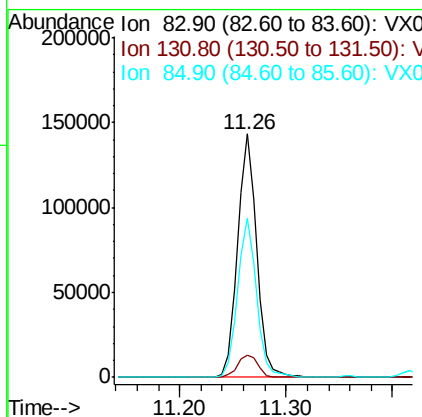
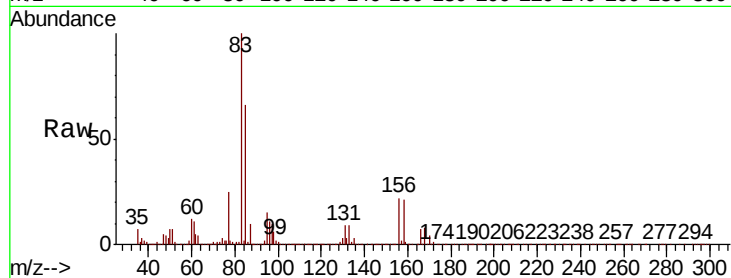
ClientSampleId :

VX1210WBS02

Tot Ion:	83	Resp:	181695
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.3	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.098 ug/l m

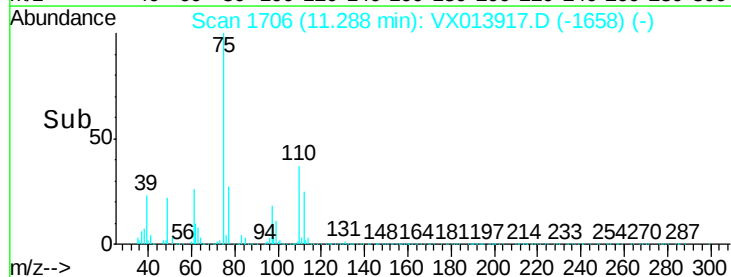
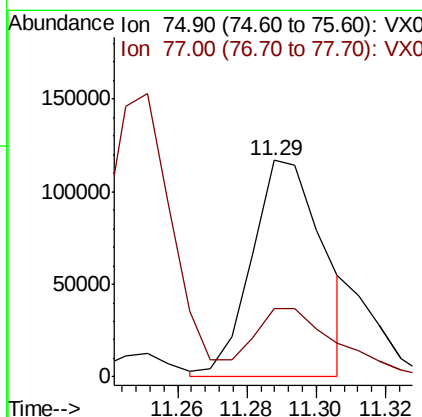
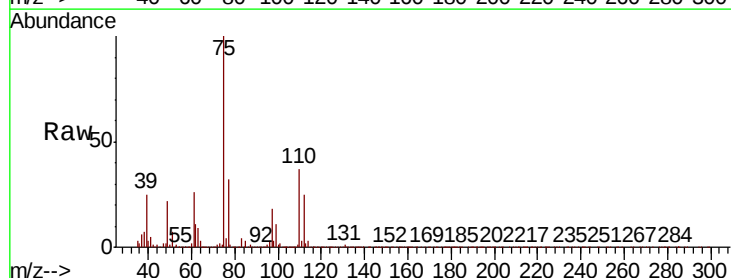
RT: 11.29 min Scan# 1706

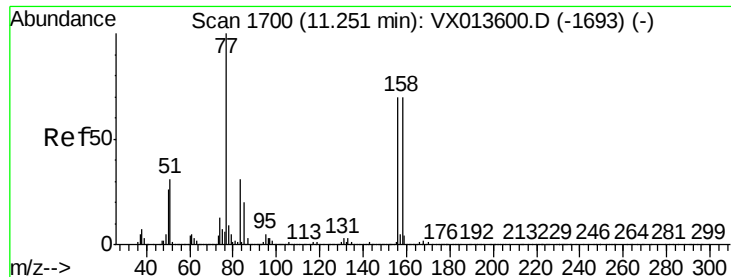
Delta R.T. -0.01 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	75	Resp:	167195
Ion Ratio	Lower	Upper	
75	100		
77	36.1	19.1	57.5





#77

Bromobenzene

Concen: 19.245 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

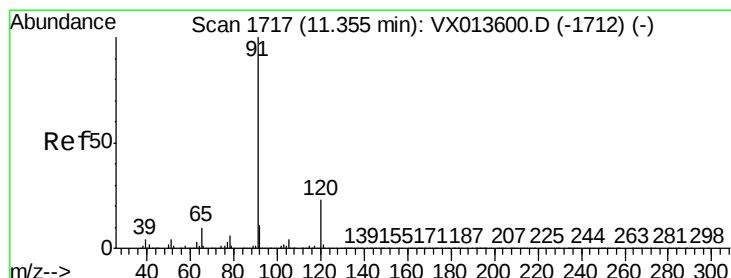
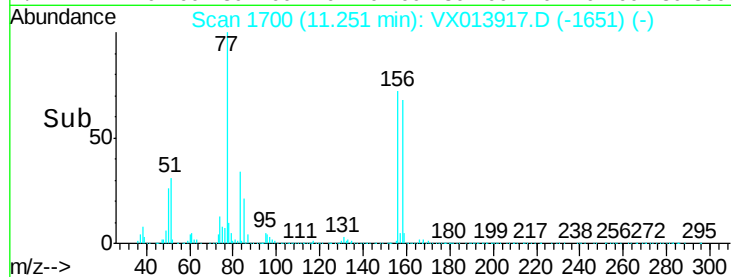
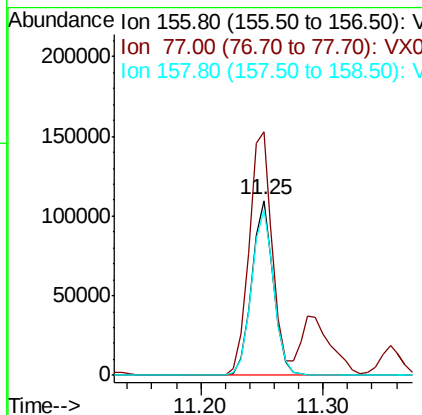
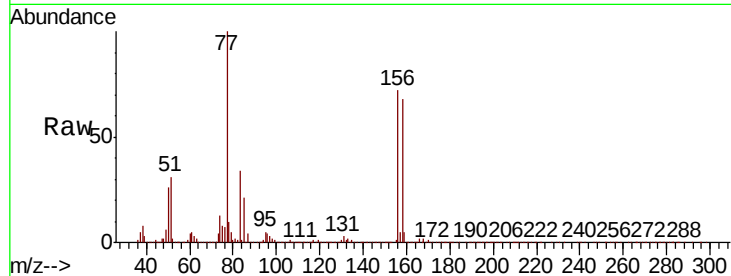
ClientSampleId :

VX1210WBS02

Tot Ion:	156	Resp:	134885
Ion Ratio	Lower	Upper	
156	100		
77	149.8	74.4	223.1
158	97.2	48.9	146.6

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#78

n-propylbenzene

Concen: 19.440 ug/l

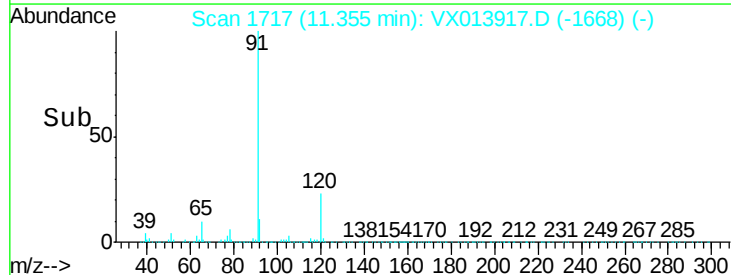
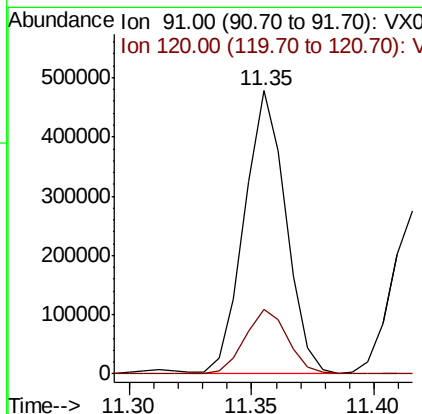
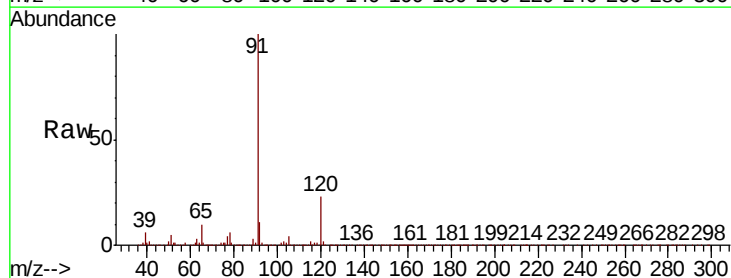
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	91	Resp:	563032
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.792 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion: 91 Resp: 343853

Ion Ratio Lower Upper

91 100

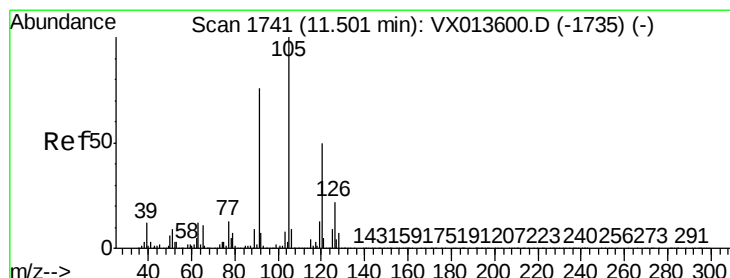
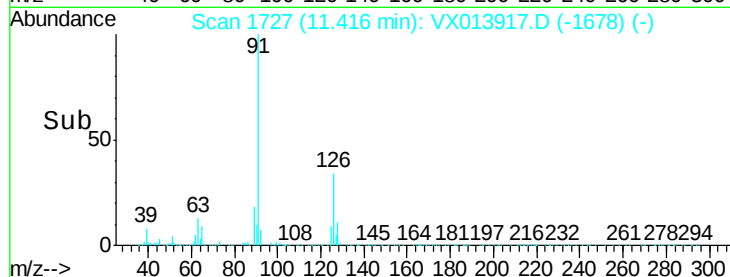
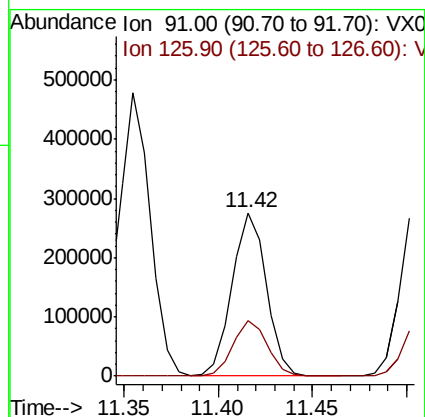
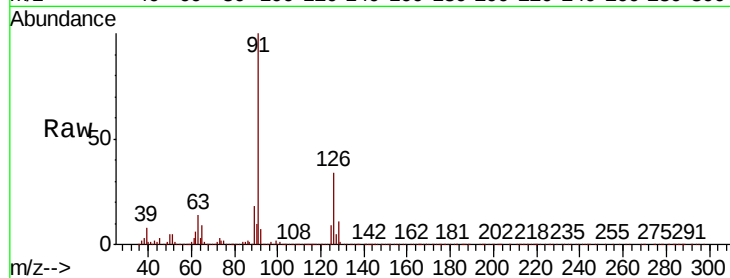
126 34.3 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.547 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013917.D

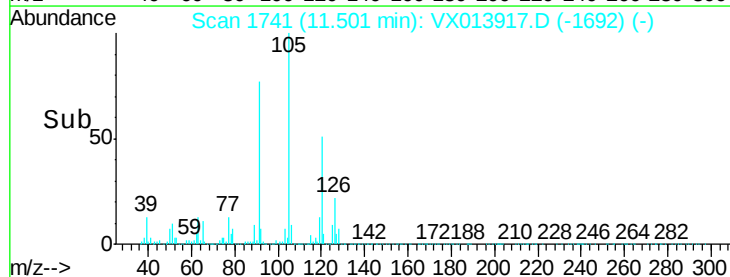
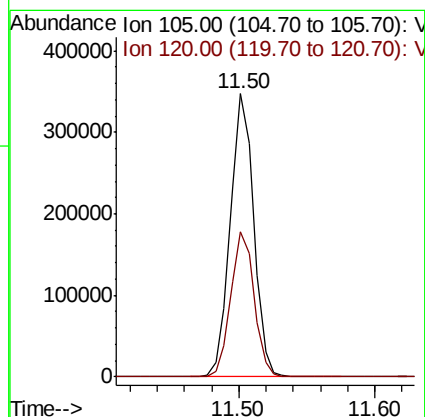
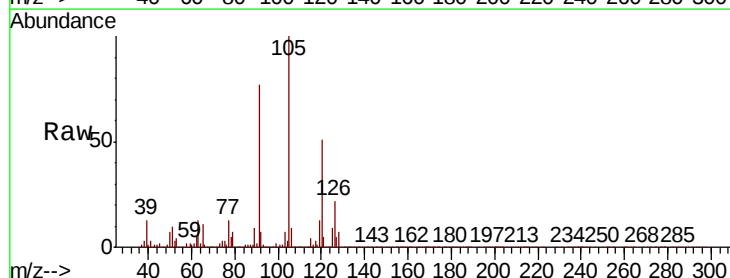
Acq: 10 Dec 2019 23:23

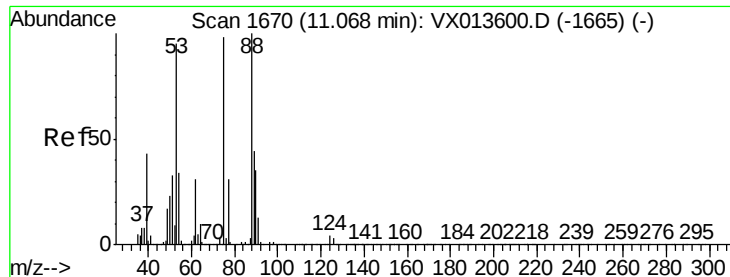
Tgt Ion: 105 Resp: 415646

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.9





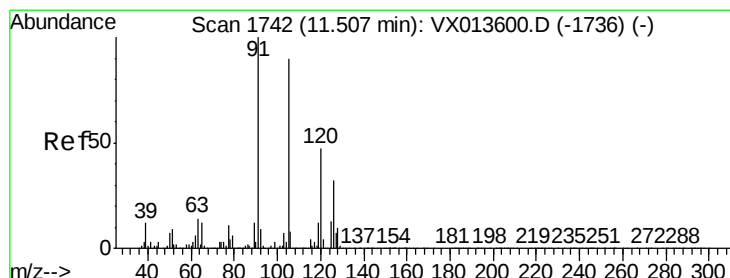
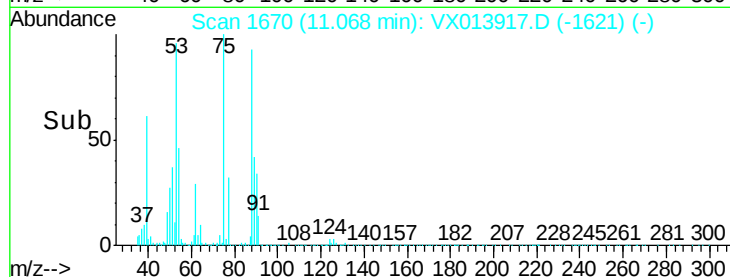
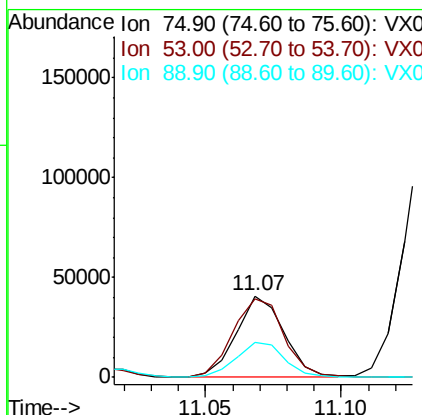
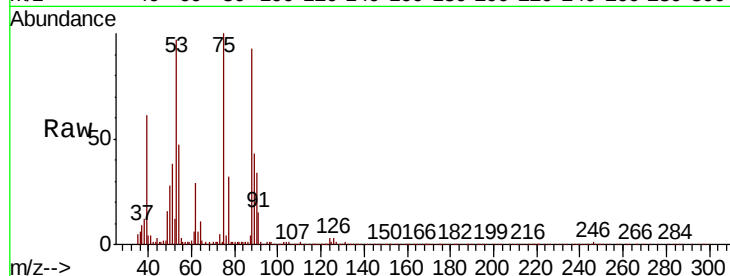
#81
trans-1,4-Dichloro-2-butene
Concen: 16.009 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.6	78.2	117.2
89	45.7	35.4	53.2

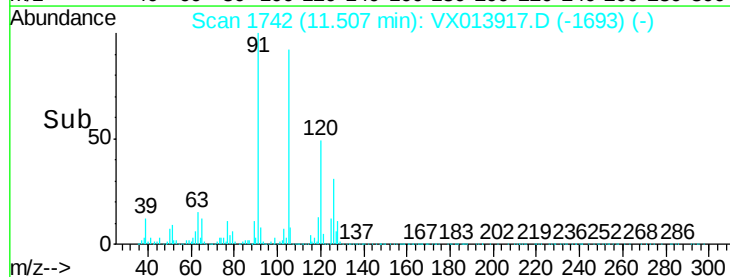
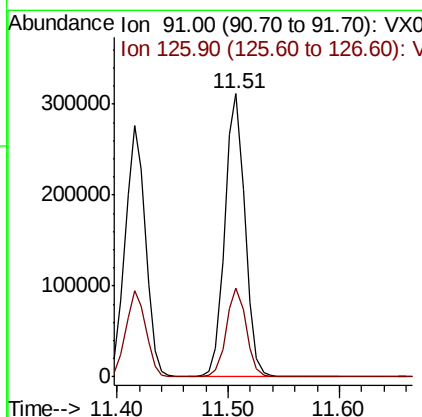
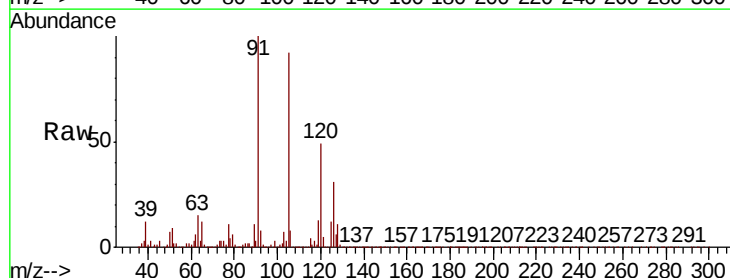
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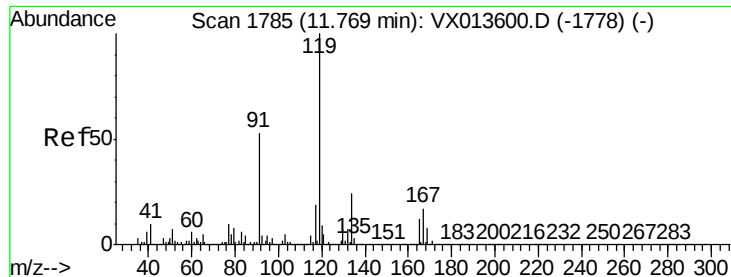
apatel
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#82
4-Chlorotoluene
Concen: 19.264 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





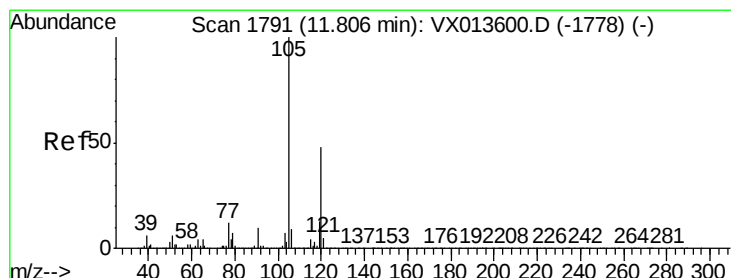
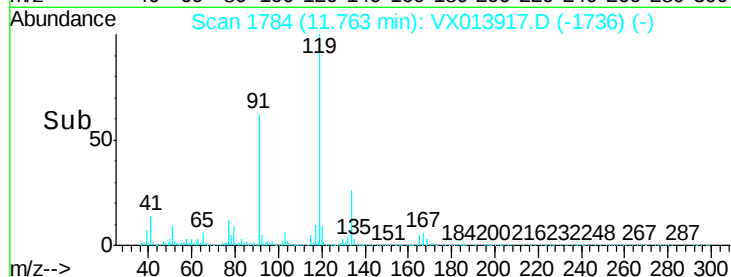
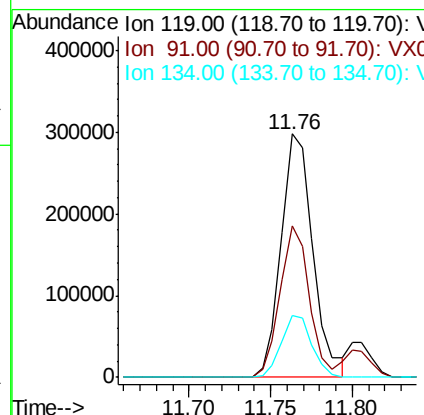
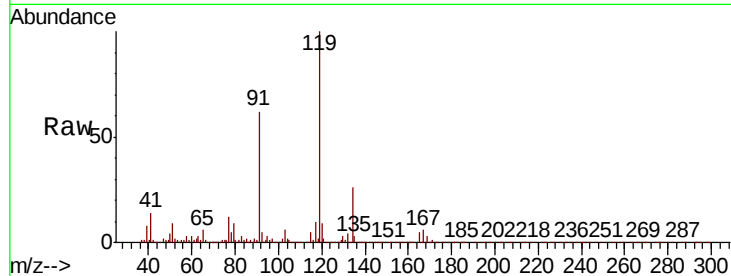
#83
tert-Butylbenzene
Concen: 18.811 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	406505		
91	57.0	27.2	81.6	
134	24.4	11.7	35.1	

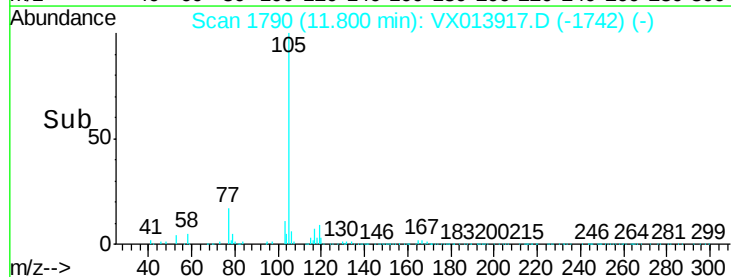
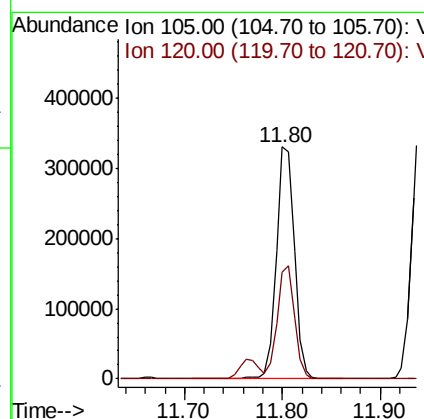
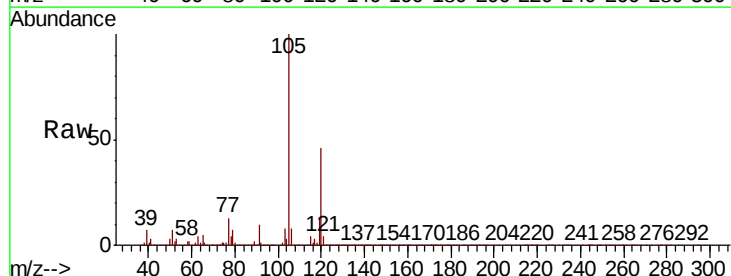
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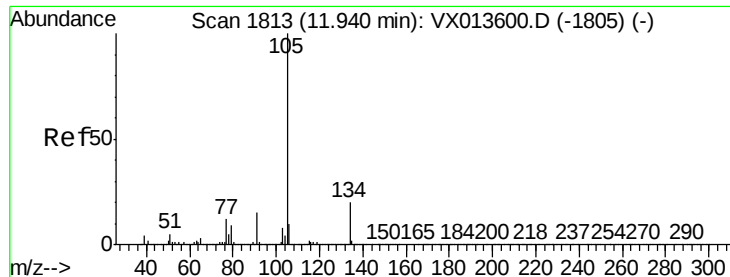
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#84
1,2,4-Trimethylbenzene
Concen: 19.590 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422773		
120	46.6	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.633 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBS02

Tot Ion:105 Resp: 484615

Ion Ratio Lower Upper

105 100

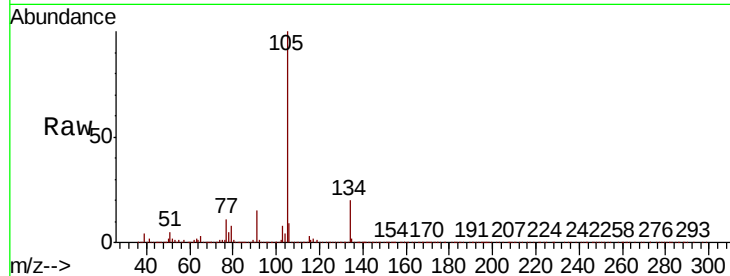
134 20.7 10.4 31.2

Manual Integrations

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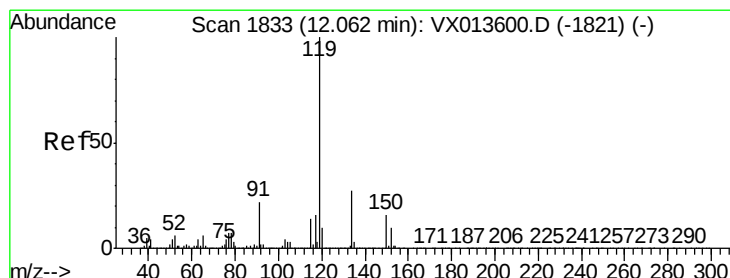
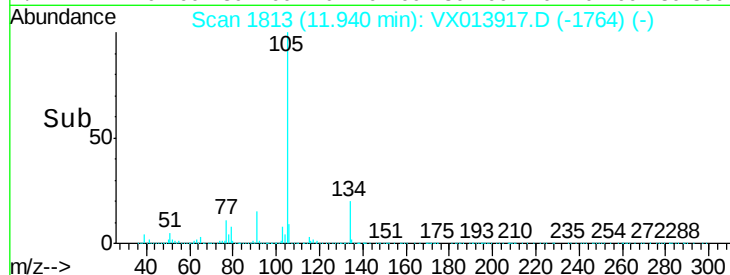
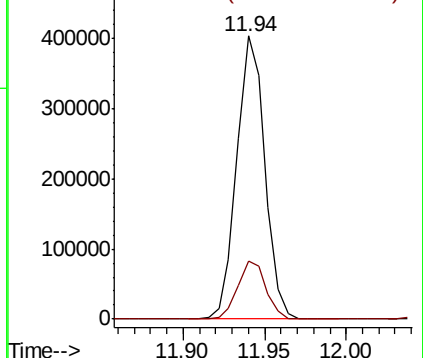
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.028 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

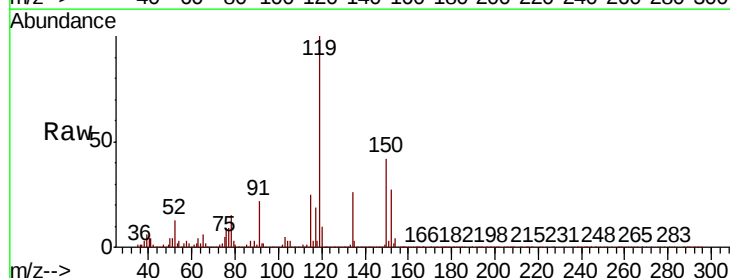
Tgt Ion:119 Resp: 436945

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

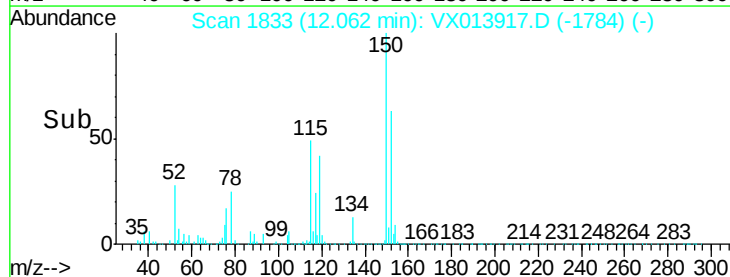
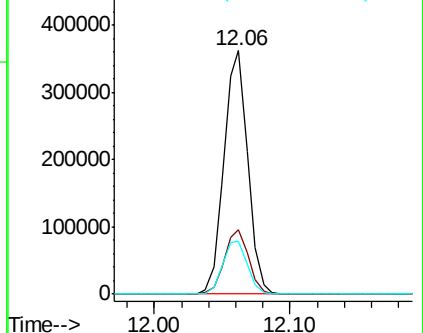
91 22.5 11.3 33.8

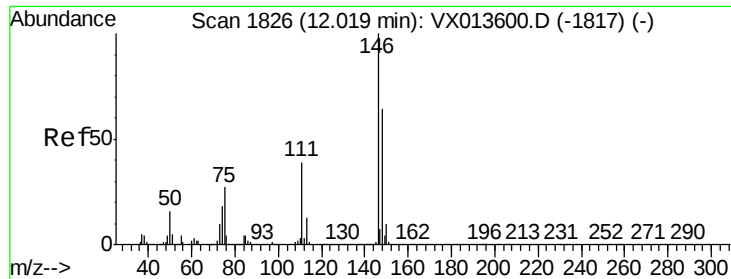


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





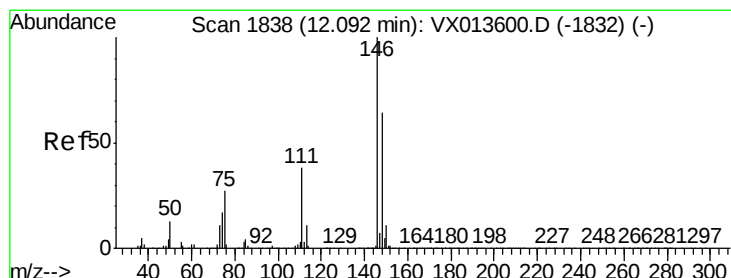
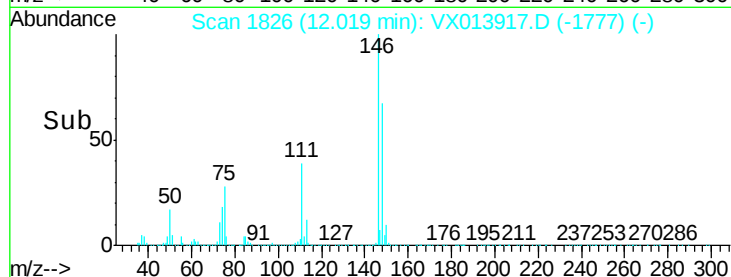
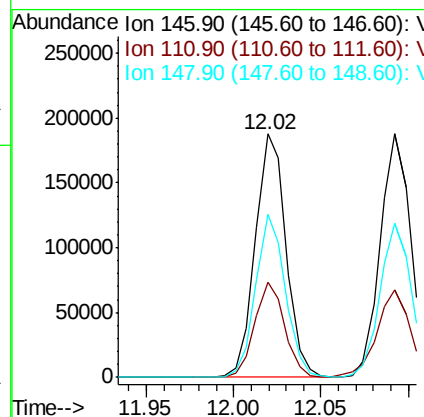
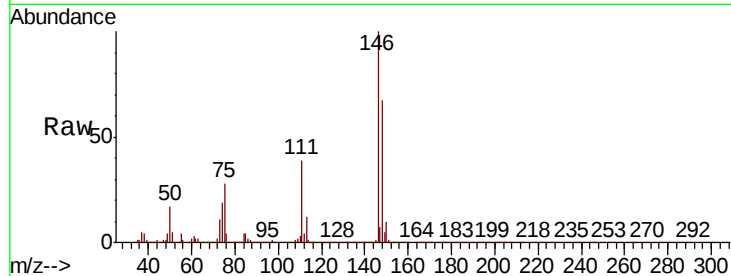
#87
 1,3-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.8	31.8	95.4

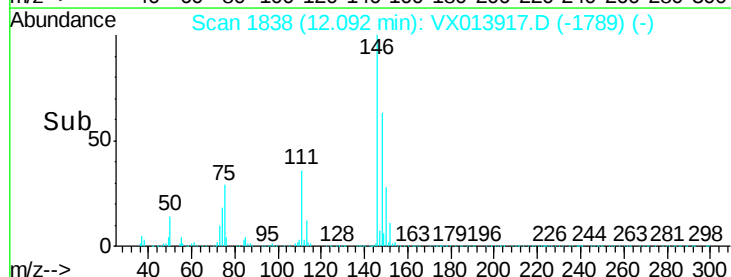
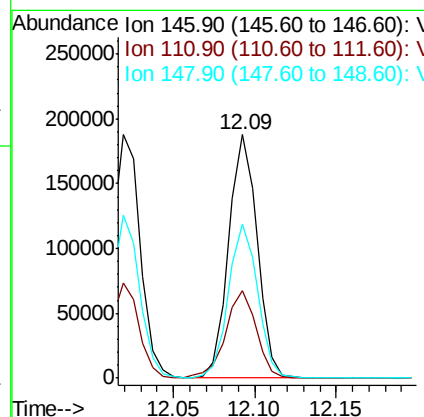
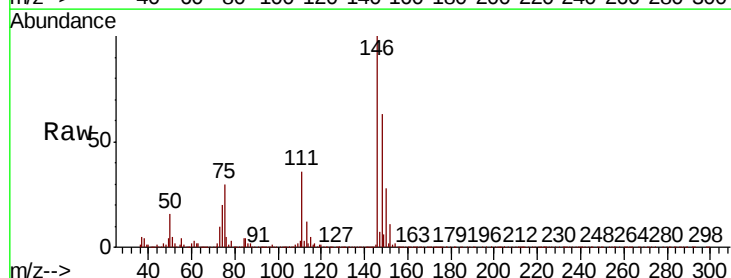
Manual Integrations
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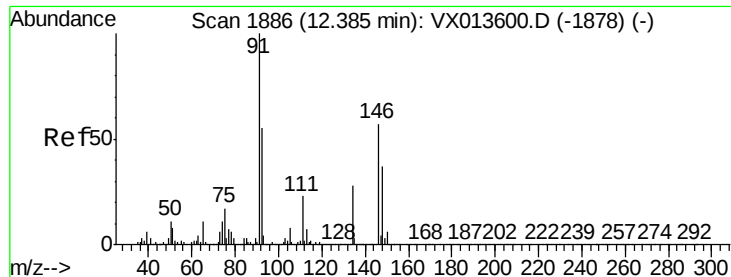
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#88
 1,4-Dichlorobenzene
 Concen: 18.328 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.9	31.9	95.5





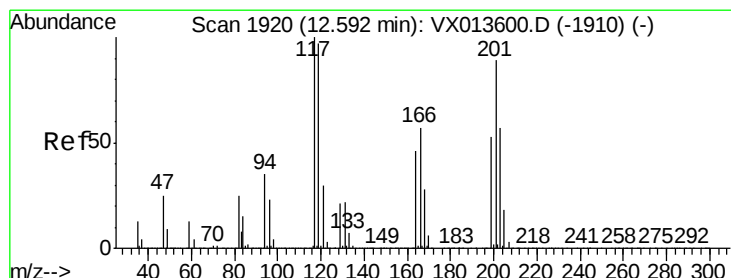
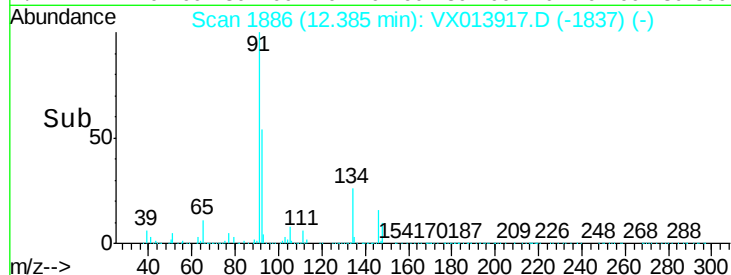
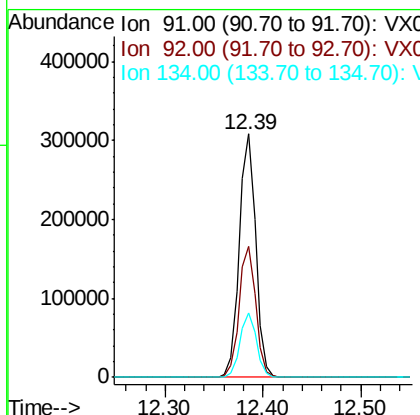
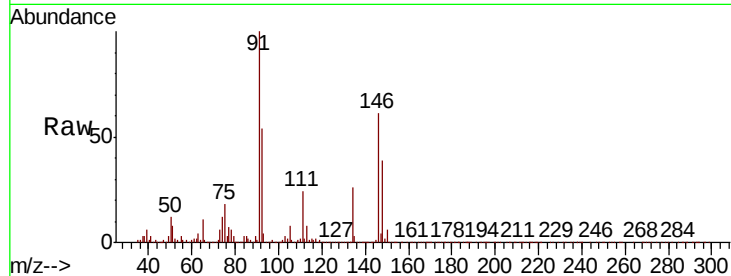
#89
n-Butylbenzene
Concen: 18.429 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.3	13.5	40.4

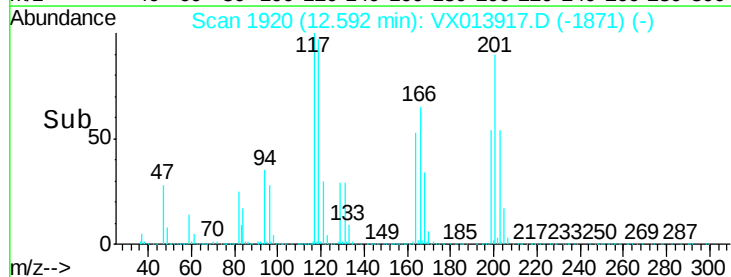
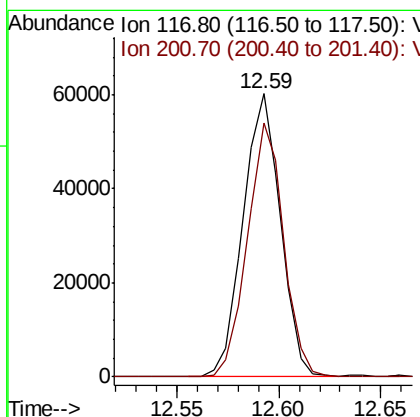
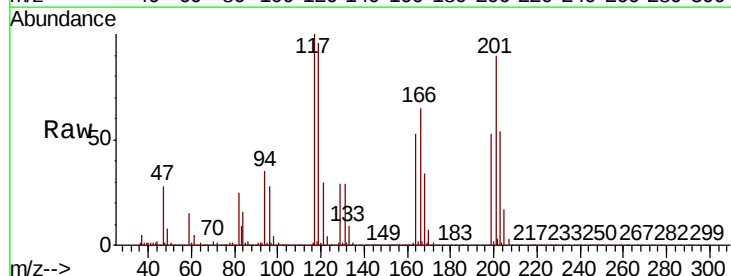
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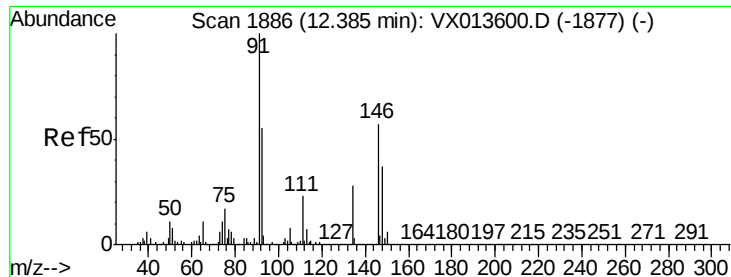
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#90
Hexachloroethane
Concen: 18.350 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.1	132.4





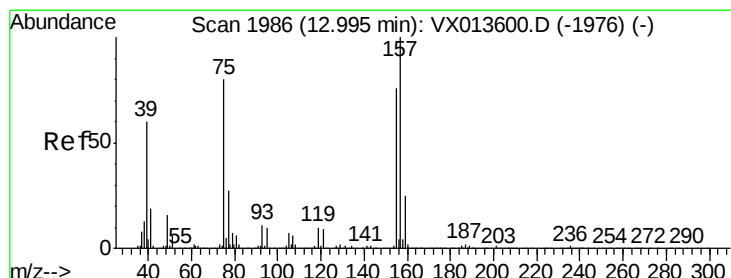
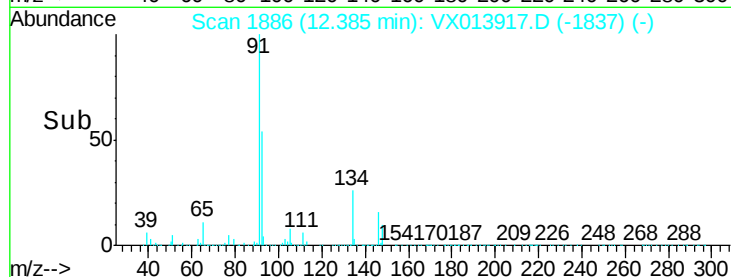
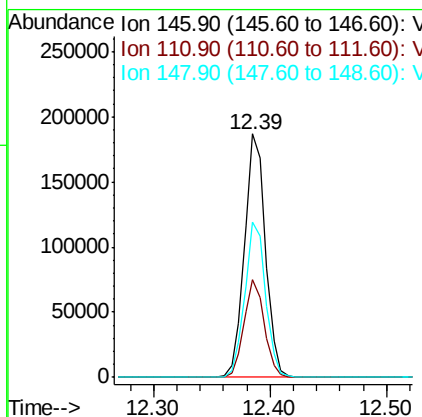
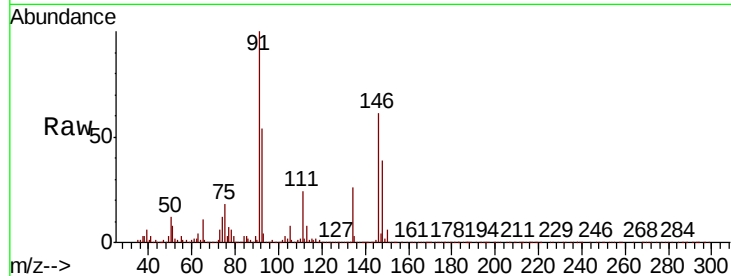
#91
 1,2-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	235336		
111	38.5	19.6	58.7	
148	63.5	31.9	95.7	

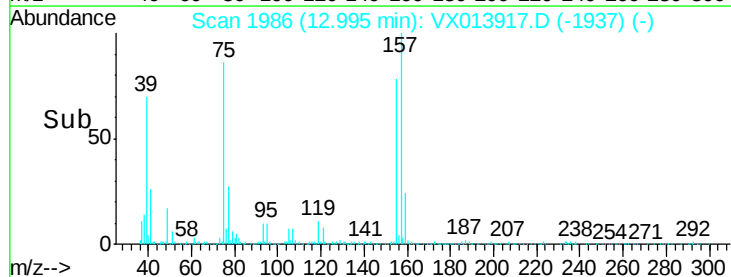
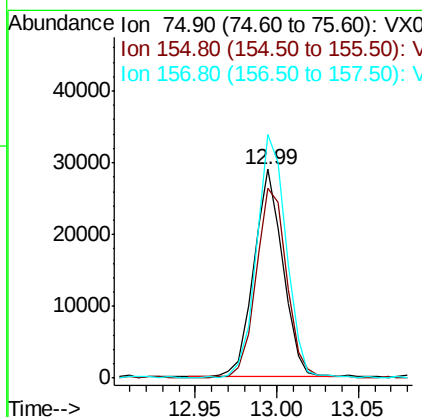
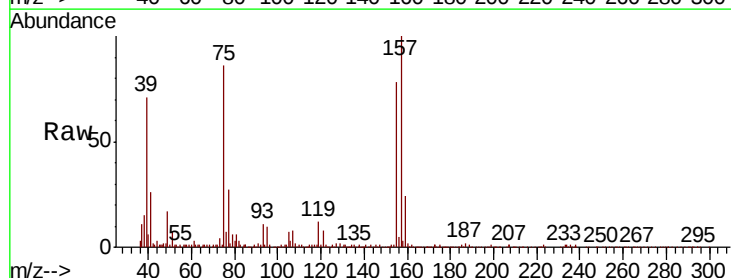
Manual Integrations
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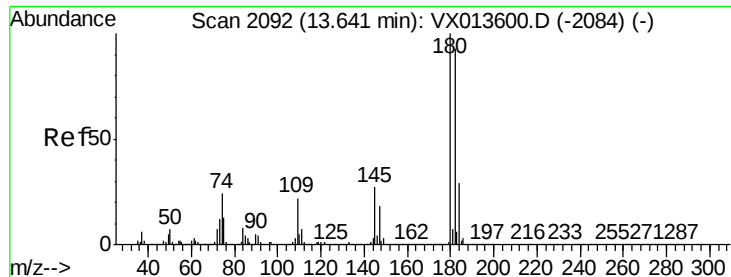
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.361 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013917.D
 Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35975		
155	95.5	47.6	142.8	
157	120.9	62.1	186.2	





#93

1,2,4-Trichlorobenzene

Concen: 17.446 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Instrument :

MSVOA_X

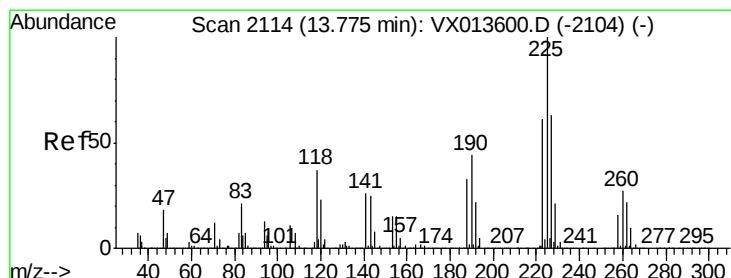
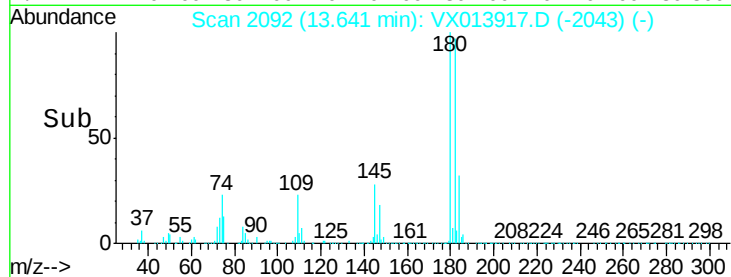
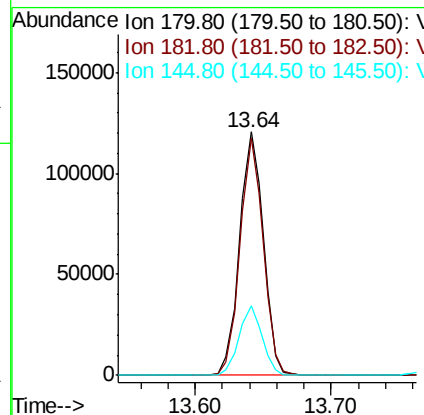
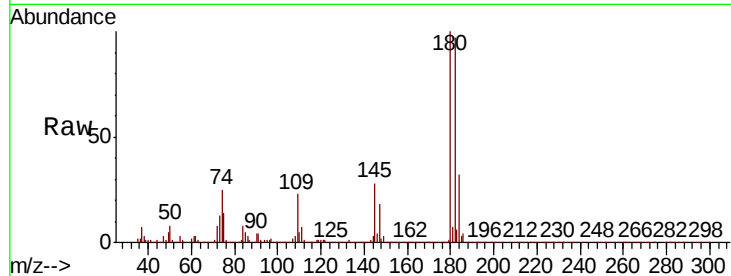
ClientSampleId :

VX1210WBS02

Tot Ion:	180	Resp:	146775
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.2	141.6
145	27.8	13.8	41.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 17.059 ug/l

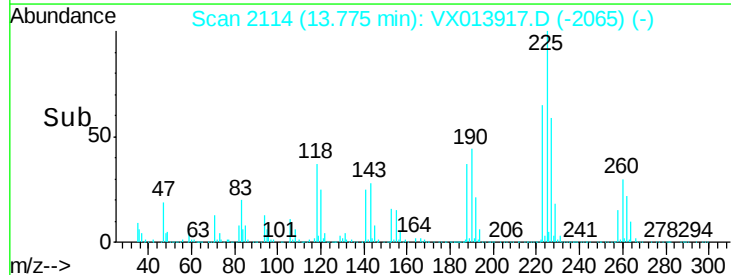
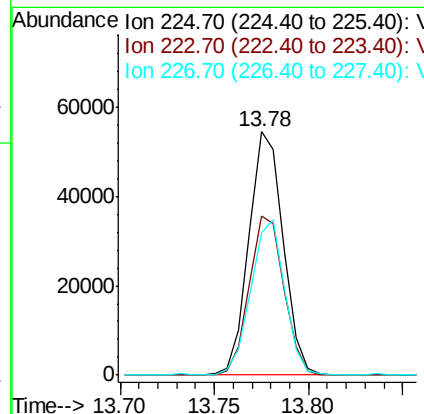
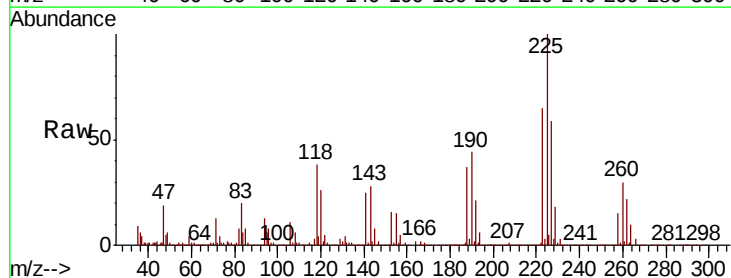
RT: 13.78 min Scan# 2114

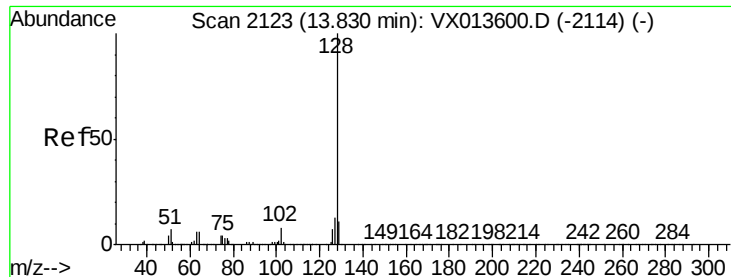
Delta R.T. 0.00 min

Lab File: VX013917.D

Acq: 10 Dec 2019 23:23

Tgt Ion:	225	Resp:	68945
Ion Ratio	Lower	Upper	
225	100		
223	66.5	31.9	95.5
227	62.9	32.1	96.3





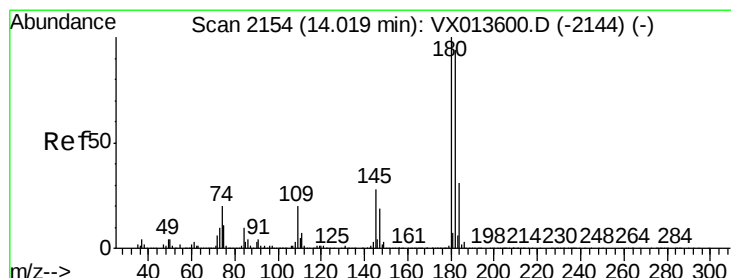
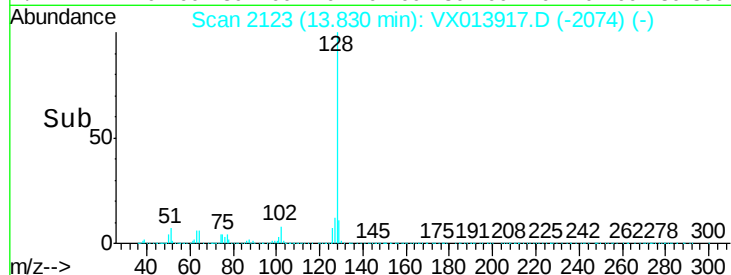
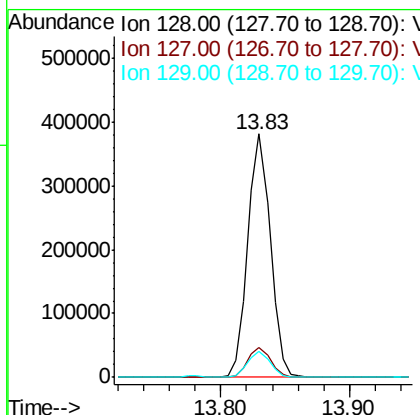
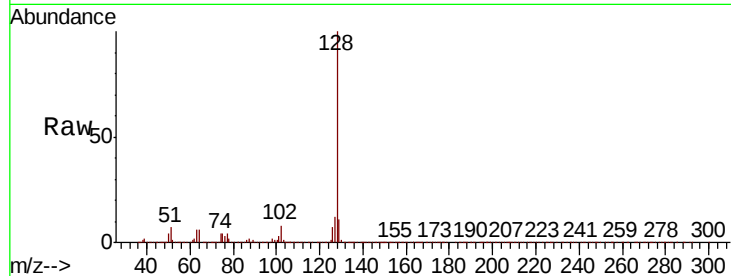
#95
Naphthalene
Concen: 18.370 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.286 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013917.D
Acq: 10 Dec 2019 23:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	28.7	15.0	45.0

