

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013617.D
 Acq On : 26 Nov 2019 23:12
 Operator : JC/SP
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Manual Integrations
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Quant Time: Nov 27 04:43:15 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	688039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1063843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	950941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	468280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	372392	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	5.49	113	307388	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	8.71	98	1187501	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.13	95	413282	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155527	20.308	ug/l	100
3) Chloromethane	1.32	50	167531	19.496	ug/l	99
4) Vinyl Chloride	1.40	62	194435	20.103	ug/l	97
5) Bromomethane	1.63	94	117364	18.069	ug/l	99
6) Chloroethane	1.72	64	104490	18.985	ug/l	97
7) Trichlorofluoromethane	1.92	101	205618	19.146	ug/l	99
8) Diethyl Ether	2.18	74	95604	19.677	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123501	18.827	ug/l	97
10) Methyl Iodide	2.50	142	138387	17.440	ug/l	98
11) Tert butyl alcohol	3.03	59	185867	94.284	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127458	19.466	ug/l	99
13) Acrolein	2.28	56	112630	89.383	ug/l	97
14) Allyl chloride	2.72	41	219308	18.456	ug/l	98
15) Acrylonitrile	3.13	53	393426	96.684	ug/l	99
16) Acetone	2.43	43	343109	87.016	ug/l	99
17) Carbon Disulfide	2.56	76	333929	17.890	ug/l	99
18) Methyl Acetate	2.76	43	225372	20.526	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	422938	19.498	ug/l	97
20) Methylene Chloride	2.85	84	139140	18.368	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	133714	18.745	ug/l	99
22) Diisopropyl ether	3.84	45	452166	19.762	ug/l	94
23) Vinyl Acetate	3.80	43	1826373	95.952	ug/l	98
24) 1,1-Dichloroethane	3.69	63	241905	19.340	ug/l	99
25) 2-Butanone	4.66	43	556101	94.895	ug/l	98
26) 2,2-Dichloropropane	4.57	77	171611	16.583	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154508	18.861	ug/l	99
28) Bromochloromethane	5.00	49	97058	19.628	ug/l	98
29) Tetrahydrofuran	5.11	42	353521	97.858	ug/l	98
30) Chloroform	5.20	83	238233	18.780	ug/l	97
31) Cyclohexane	5.57	56	218369	18.510	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	203863	19.231	ug/l	99
36) 1,1-Dichloropropene	5.79	75	176624	18.290	ug/l	98
37) Ethyl Acetate	4.82	43	208541	19.249	ug/l	99
38) Carbon Tetrachloride	5.78	117	170976	19.201	ug/l	95

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Quant Time: Nov 27 04:43:15 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)
39) Methylcyclohexane	7.46	83	219655	18.401	ug/l	95
40) Benzene	6.14	78	557342	18.949	ug/l	99
41) Methacrylonitrile	5.03	41	115104	19.373	ug/l	98
42) 1,2-Dichloroethane	6.18	62	194841	19.424	ug/l	99
43) Isopropyl Acetate	6.43	43	341060	19.122	ug/l	100
44) Trichloroethene	7.21	130	151103	18.719	ug/l	100
45) 1,2-Dichloropropane	7.51	63	140827	19.137	ug/l	99
46) Dibromomethane	7.65	93	93610	18.730	ug/l	99
47) Bromodichloromethane	7.89	83	176803	18.712	ug/l	98
48) Methyl methacrylate	7.76	41	165922	19.146	ug/l	97
49) 1,4-Dioxane	7.73	88	75063	386.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1087967	96.975	ug/l	100
52) Toluene	8.78	92	348256	19.060	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193765	18.017	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	217796	18.536	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	139949	19.006	ug/l	98
56) Ethyl methacrylate	9.17	69	225773	19.072	ug/l	98
57) 1,3-Dichloropropane	9.37	76	235645	18.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	446815	96.266	ug/l	99
59) 2-Hexanone	9.48	43	828500	94.685	ug/l	99
60) Dibromochloromethane	9.57	129	144782	18.947	ug/l	99
61) 1,2-Dibromoethane	9.67	107	151371	19.248	ug/l	98
64) Tetrachloroethene	9.33	164	137178	19.344	ug/l	98
65) Chlorobenzene	10.14	112	373214	18.903	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	137630	19.413	ug/l	99
67) Ethyl Benzene	10.25	91	661870	19.509	ug/l	98
68) m/p-Xylenes	10.35	106	496554	38.228	ug/l	98
69) o-Xylene	10.70	106	241243	19.043	ug/l	97
70) Styrene	10.71	104	409392	19.211	ug/l	100
71) Bromoform	10.85	173	108452	18.488	ug/l #	100
73) Isopropylbenzene	11.01	105	639415	19.466	ug/l	99
74) N-amyl acetate	10.89	43	293291	19.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	225075	19.758	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179030m	16.998	ug/l	
77) Bromobenzene	11.25	156	169986	19.155	ug/l	98
78) n-propylbenzene	11.35	91	711356	19.400	ug/l	100
79) 2-Chlorotoluene	11.42	91	428185	19.466	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	528589	19.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63460	16.484	ug/l	90
82) 4-Chlorotoluene	11.51	91	483946	18.996	ug/l	99
83) tert-Butylbenzene	11.77	119	530254	19.380	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	536538	19.637	ug/l	99
85) sec-Butylbenzene	11.94	105	611272	19.560	ug/l	100
86) p-Isopropyltoluene	12.06	119	555862	19.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292631	18.917	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	289956	18.403	ug/l	98
89) n-Butylbenzene	12.38	91	454468	18.328	ug/l	100
90) Hexachloroethane	12.59	117	97298	18.515	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	294267	19.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45728	18.434	ug/l	97

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ClientSampleId :
VX1126WBS02

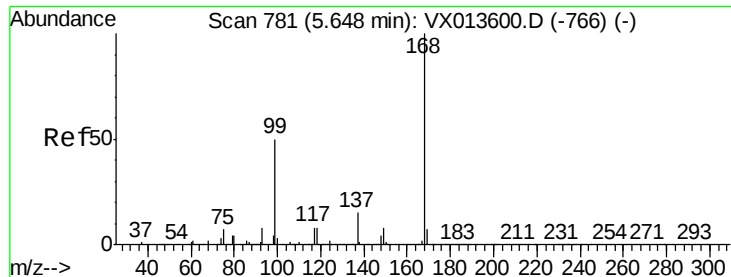
Manual Integrations
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Quant Time: Nov 27 04:43:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	192398	18.063	ug/l	99
94) Hexachlorobutadiene	13.77	225	91534	17.889	ug/l	98
95) Naphthalene	13.83	128	611489	19.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194039	18.398	ug/l	98

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



#1

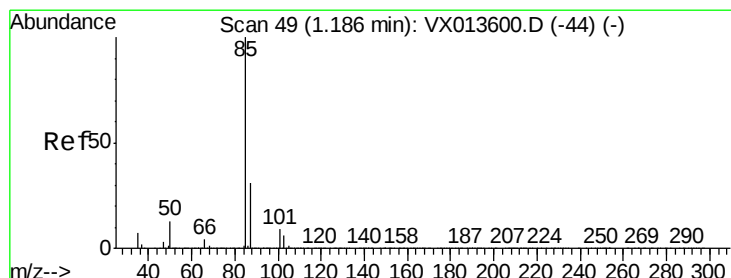
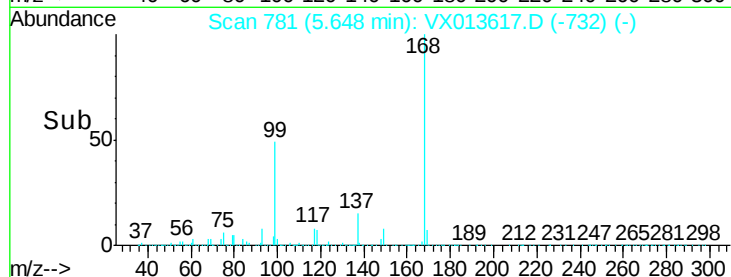
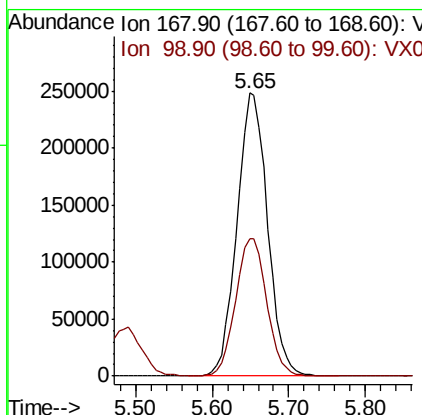
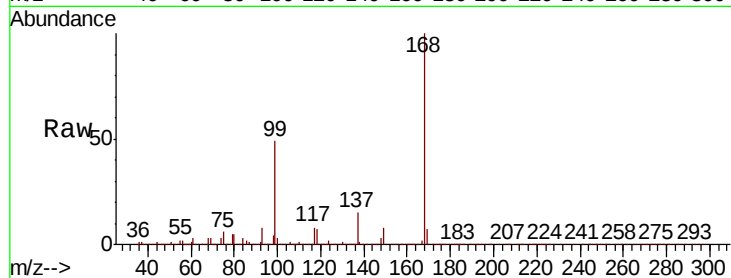
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.8	59.8

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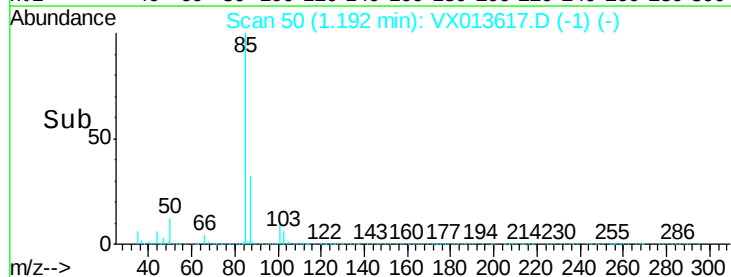
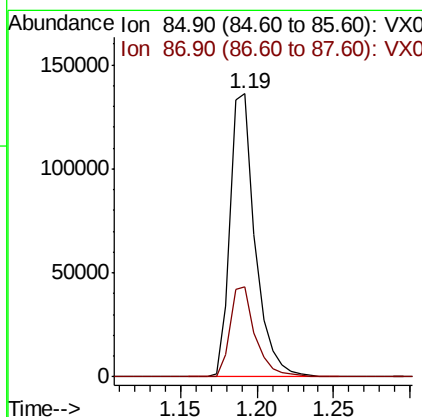
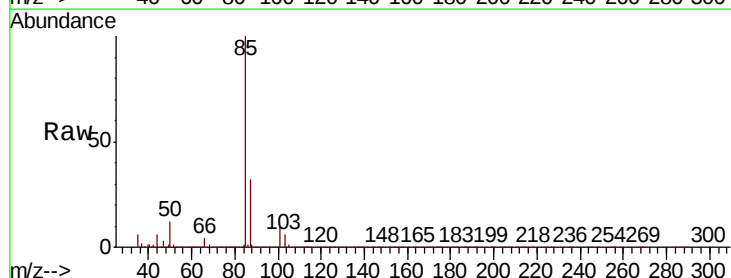
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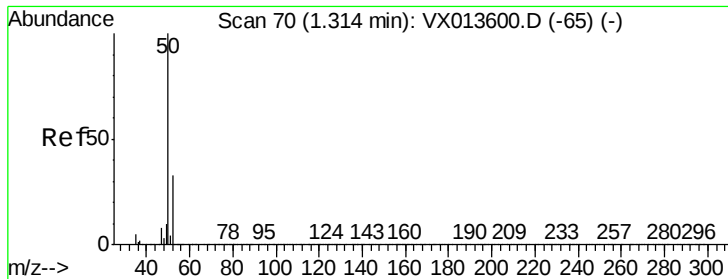


#2

Dichlorodifluoromethane
 Concen: 20.308 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.7	47.1





#3

Chloromethane

Concen: 19.496 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 50 Resp: 167531

Ion Ratio Lower Upper

50 100

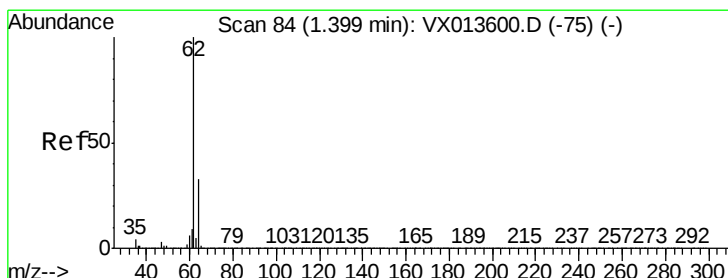
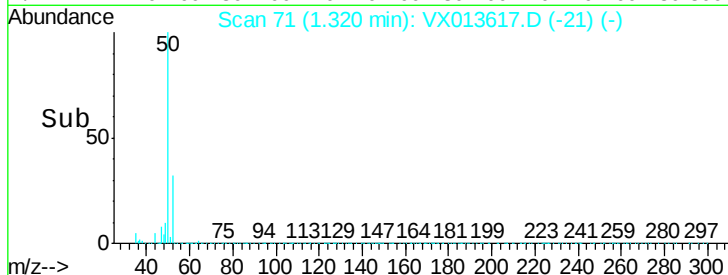
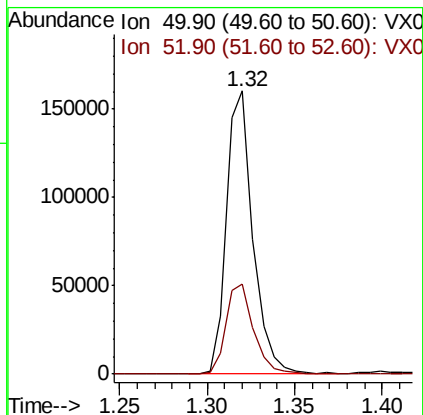
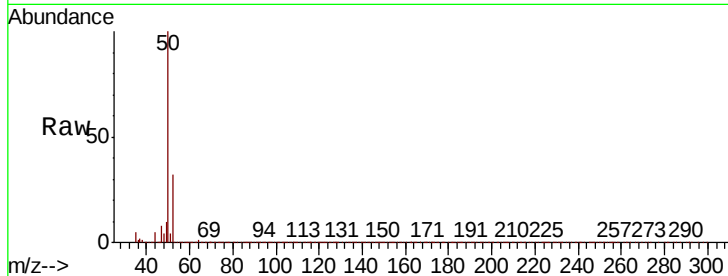
52 31.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.103 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013617.D

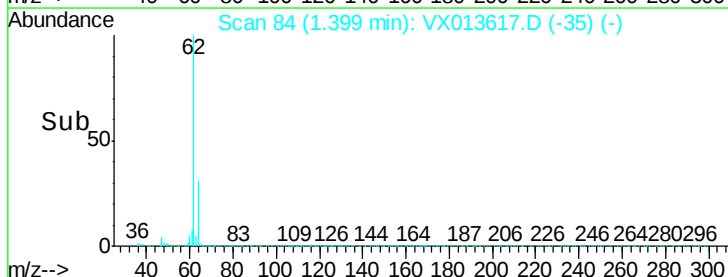
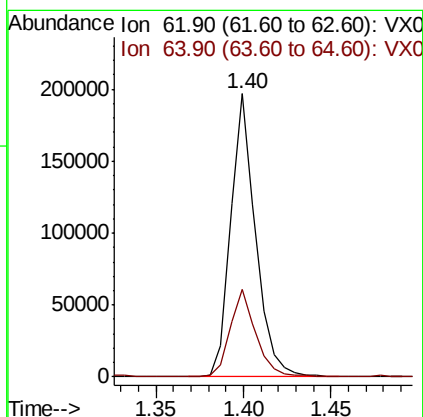
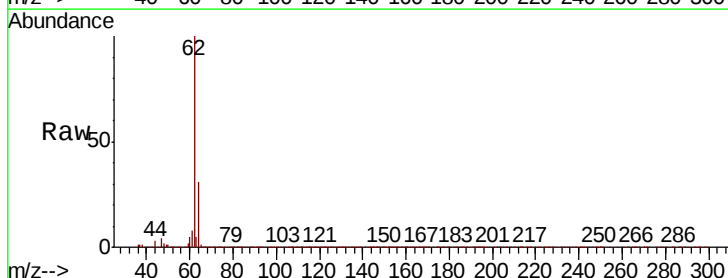
Acq: 26 Nov 2019 23:12

Tgt Ion: 62 Resp: 194435

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0





#5

Bromomethane

Concen: 18.069 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 94 Resp: 117364

Ion Ratio Lower Upper

94 100

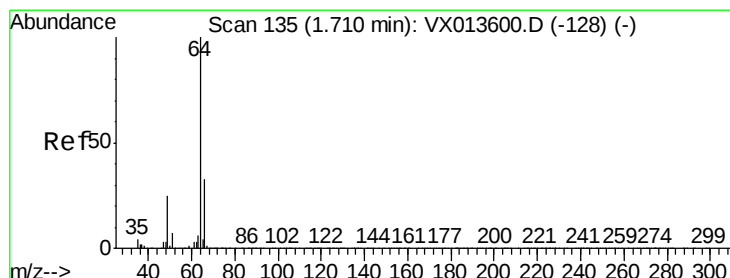
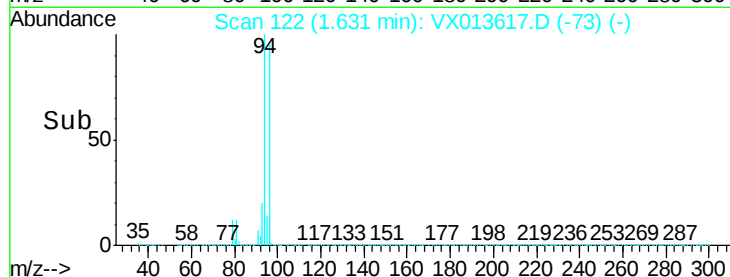
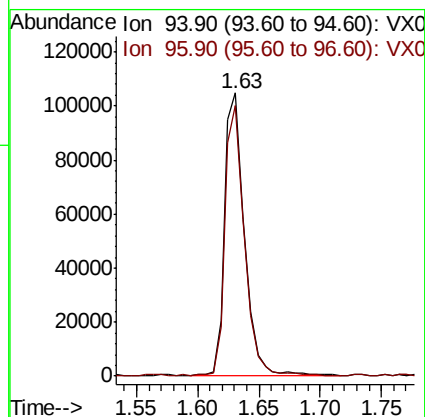
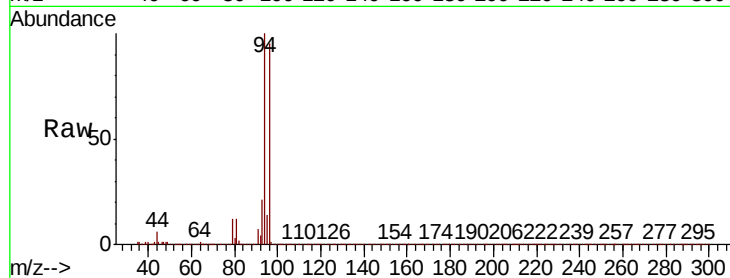
96 95.4 77.0 115.4

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#6

Chloroethane

Concen: 18.985 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013617.D

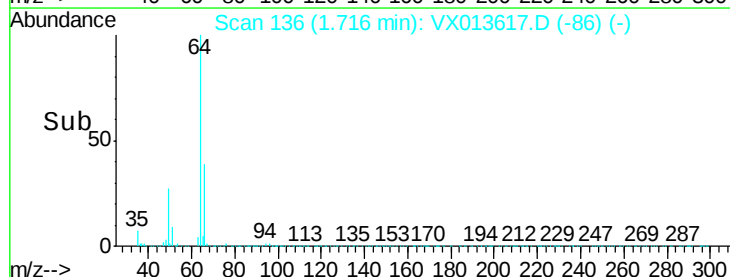
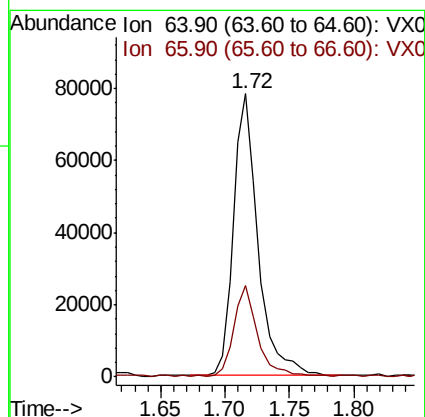
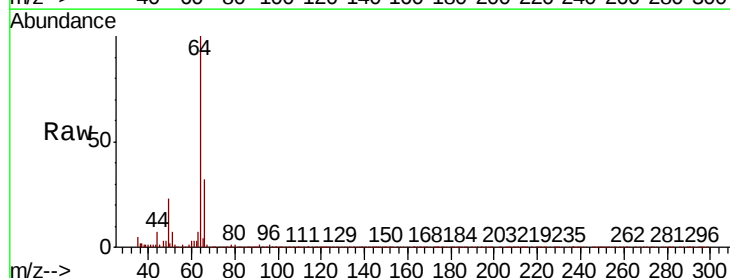
Acq: 26 Nov 2019 23:12

Tgt Ion: 64 Resp: 104490

Ion Ratio Lower Upper

64 100

66 31.9 26.7 40.1





#7

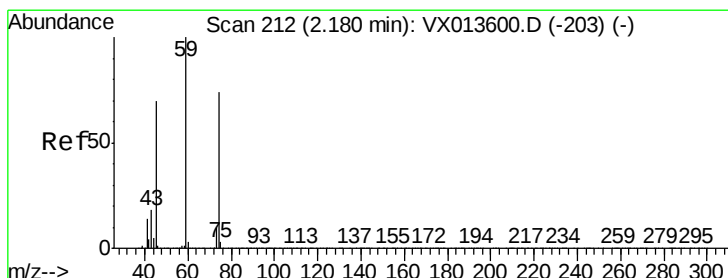
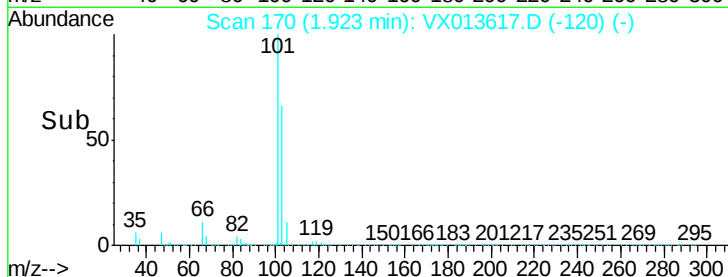
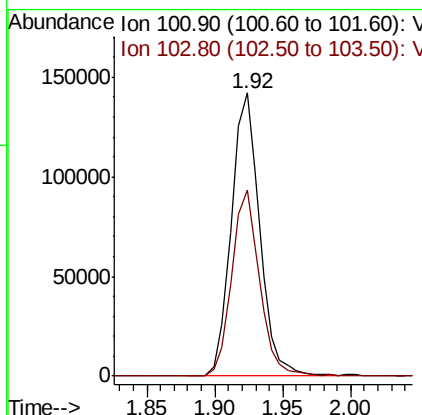
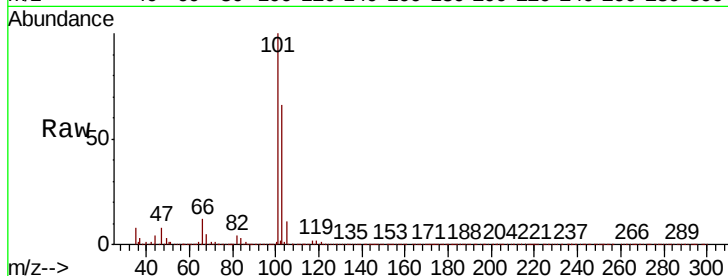
Trichlorofluoromethane
Concen: 19.146 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
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ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	205618		
103	65.7	51.8	77.6	

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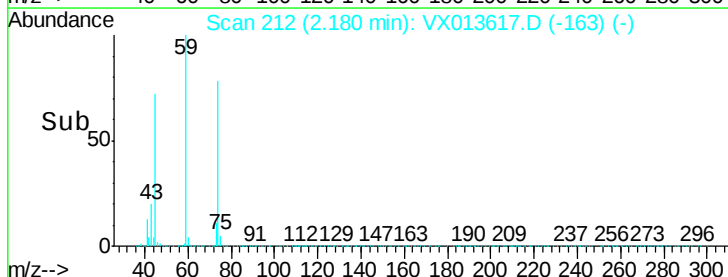
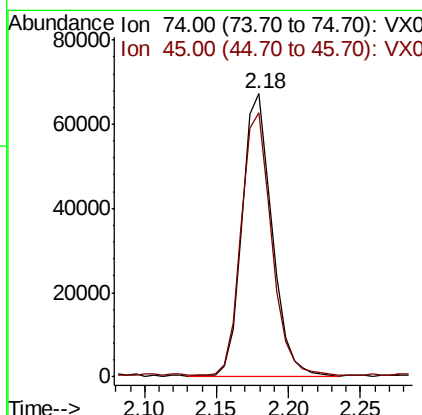
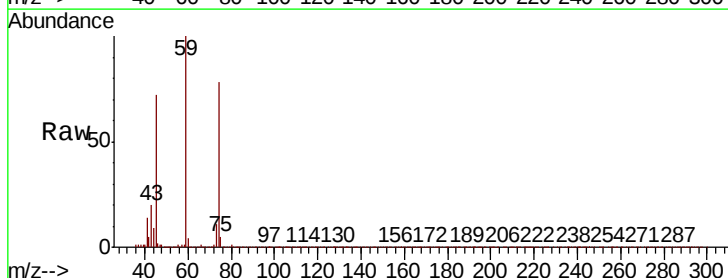
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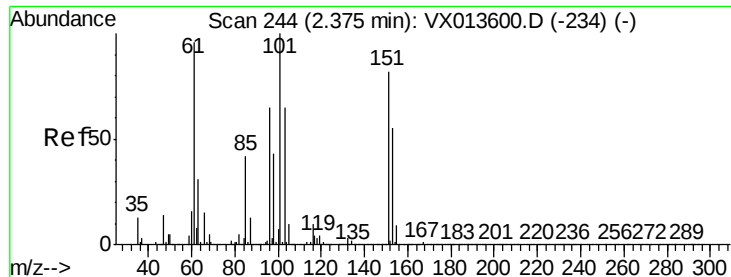


#8

Diethyl Ether
Concen: 19.677 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	95604		
45	95.0	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.827 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

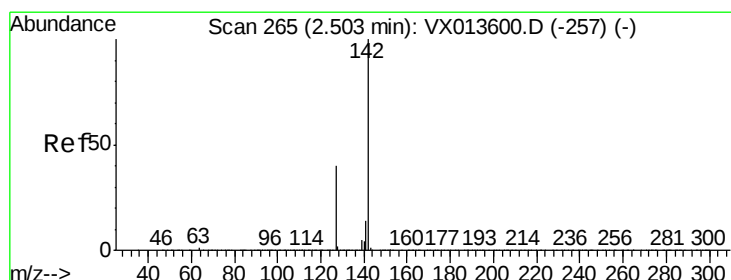
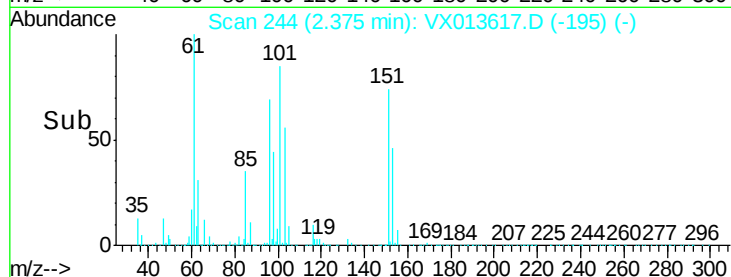
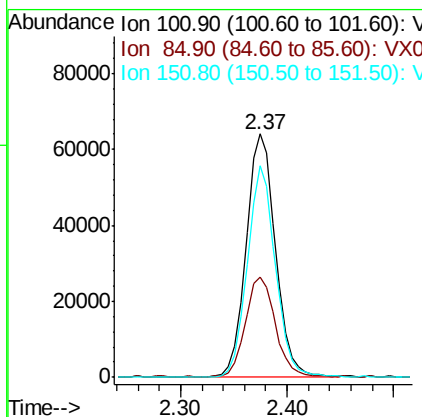
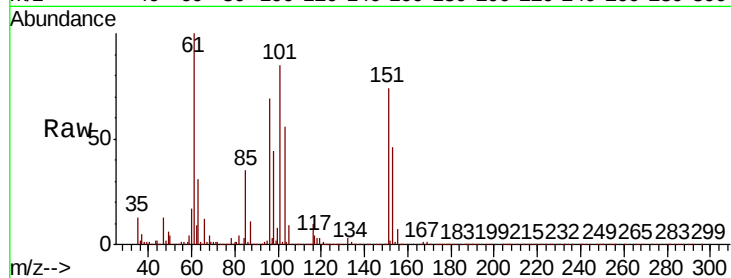
ClientSampleId :

VX1126WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	123501		
85	42.6	33.9	50.9	
151	83.8	64.2	96.2	

Manual Integrations
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#10

Methyl Iodide

Concen: 17.440 ug/l

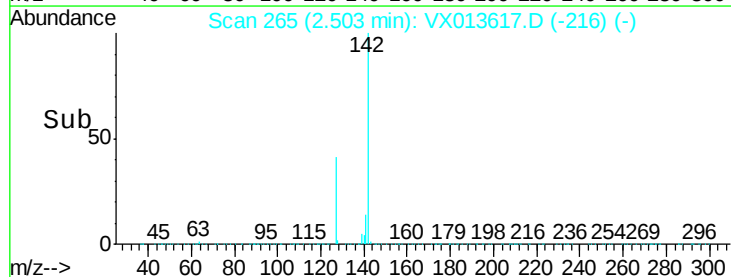
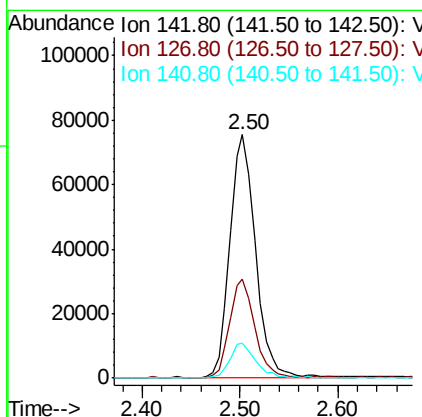
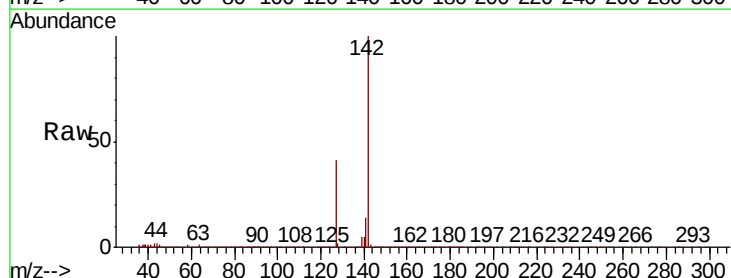
RT: 2.50 min Scan# 265

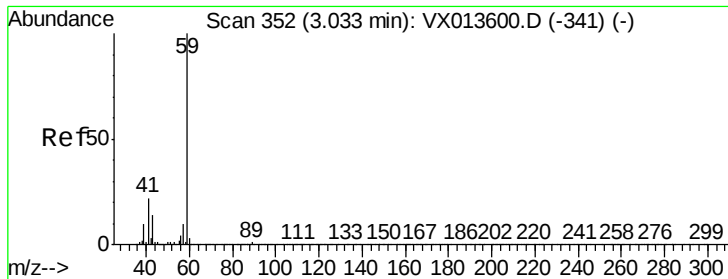
Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	138387		
127	39.9	31.0	46.4	
141	14.2	11.6	17.4	





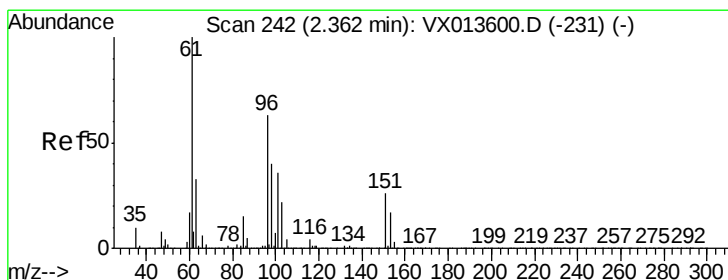
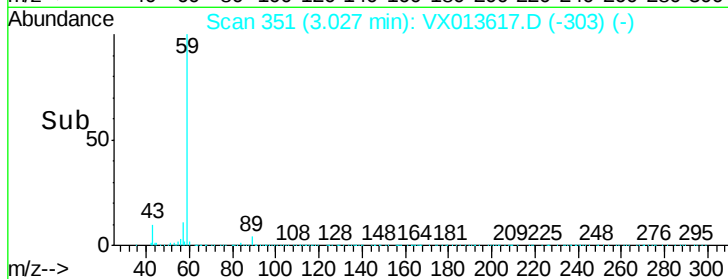
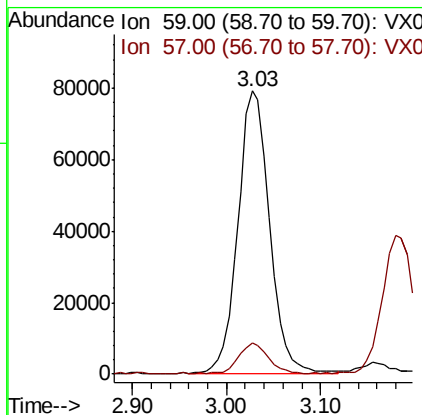
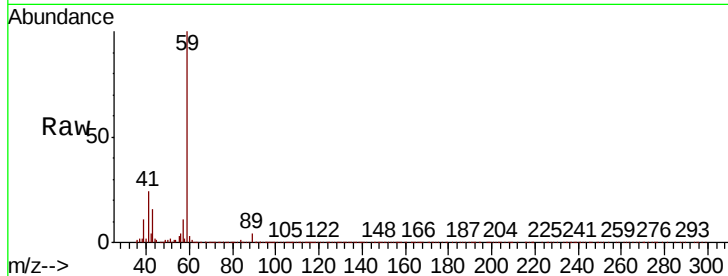
#11
Tert butyl alcohol
Concen: 94.284 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion: 59 Resp: 185867
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

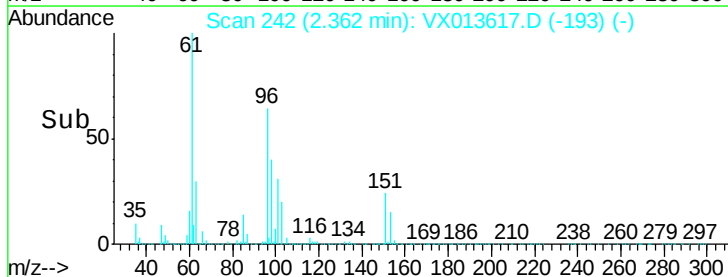
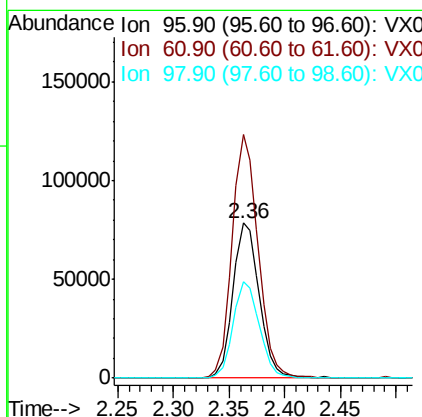
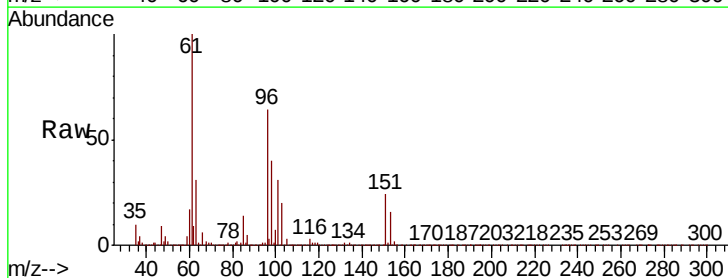
Manual Integrations
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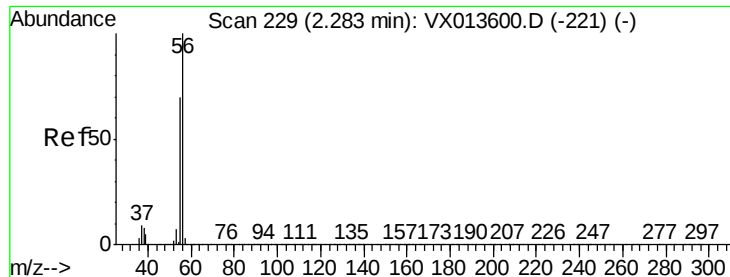
apatel
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#12
1,1-Dichloroethene
Concen: 19.466 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 96 Resp: 127458
Ion Ratio Lower Upper
96 100
61 157.0 126.6 190.0
98 62.3 50.6 76.0





#13

Acrolein

Concen: 89.383 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 56 Resp: 112630

Ion Ratio Lower Upper

56 100

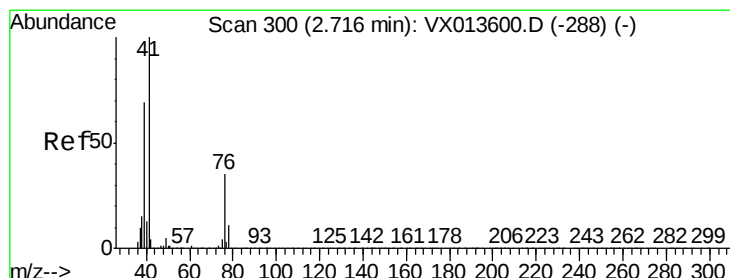
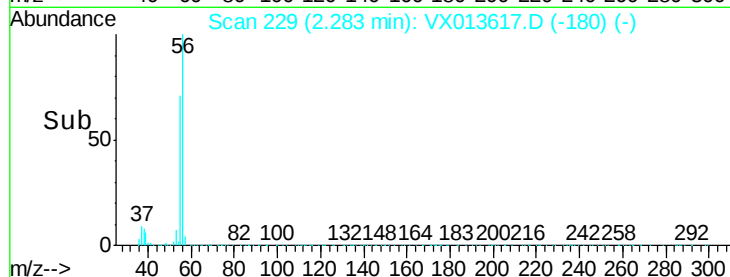
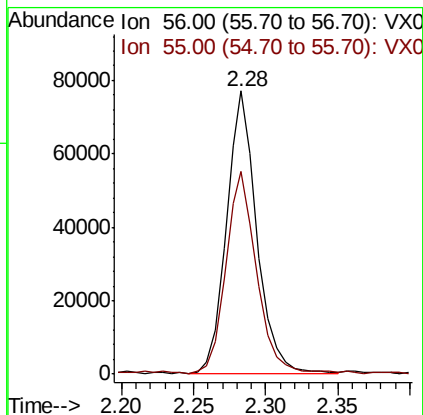
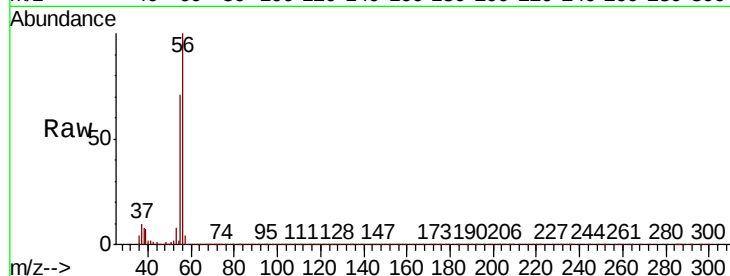
55 72.6 56.2 84.4

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#14

Allyl chloride

Concen: 18.456 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

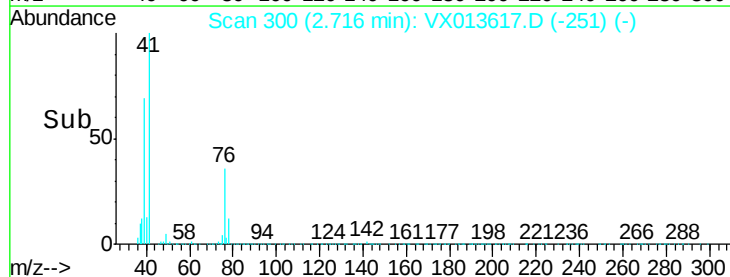
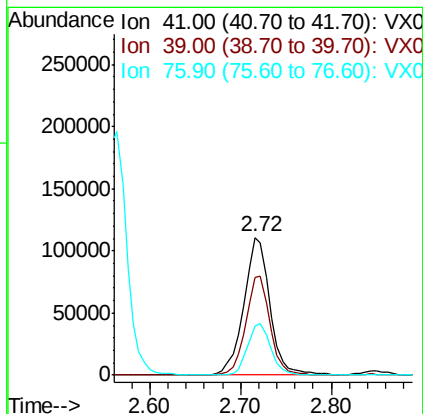
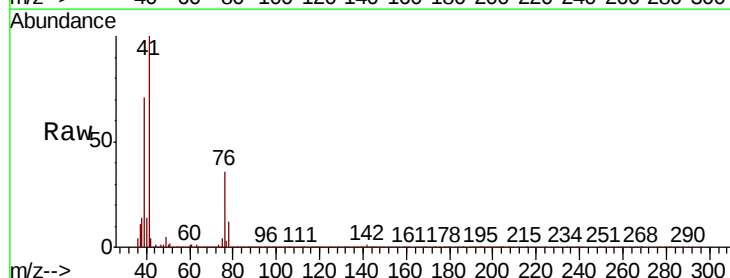
Tgt Ion: 41 Resp: 219308

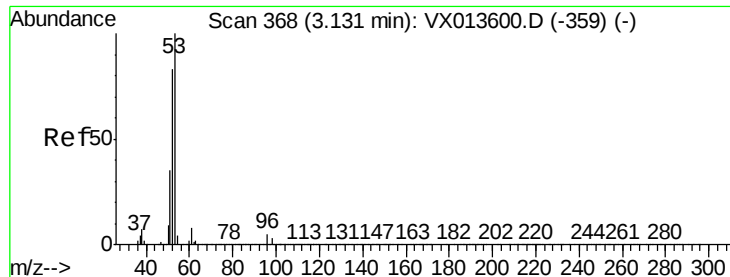
Ion Ratio Lower Upper

41 100

39 66.3 51.7 77.5

76 33.4 25.9 38.9





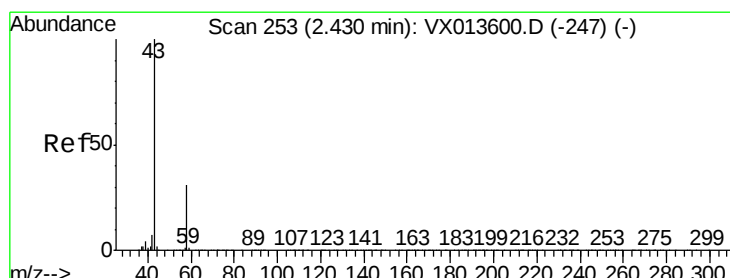
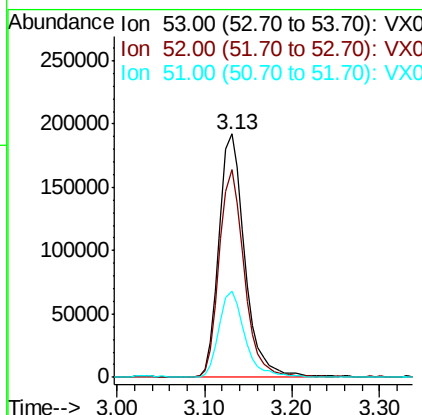
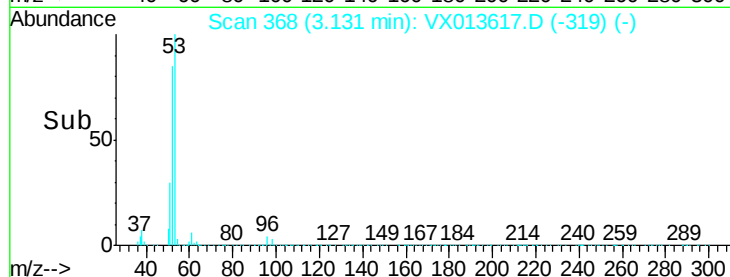
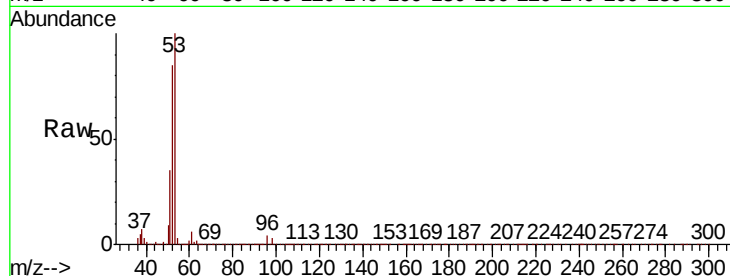
#15
 Acrylonitrile
 Concen: 96.684 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	53	Resp	393426
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	35.3	29.0	43.6

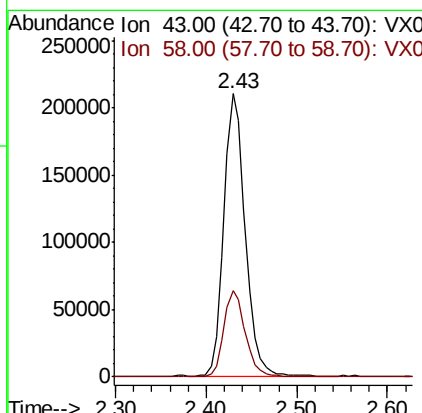
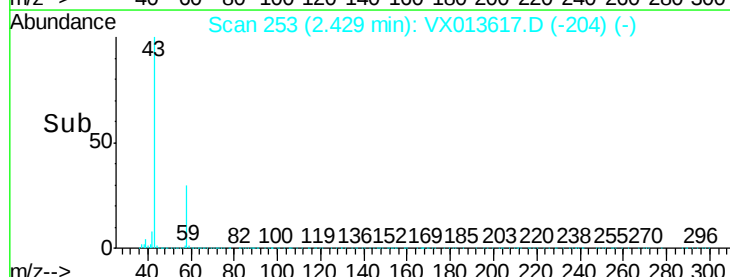
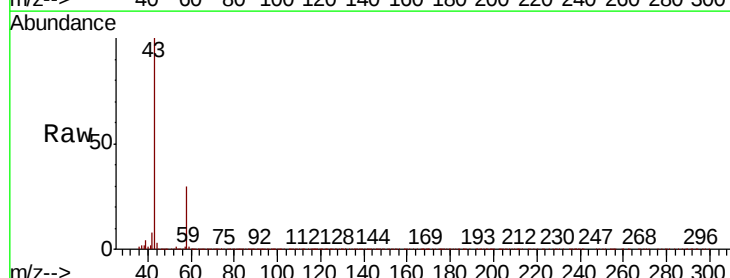
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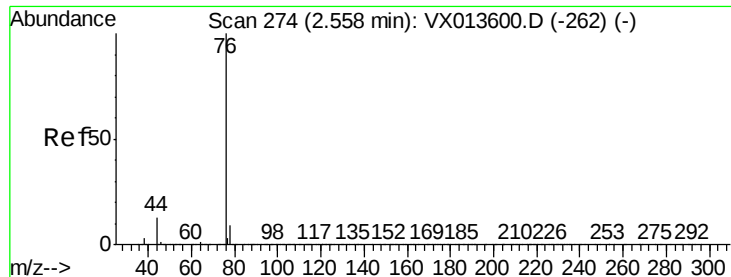
apatel
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#16
 Acetone
 Concen: 87.016 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	43	Resp	343109
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8





#17

Carbon Disulfide

Concen: 17.890 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 76 Resp: 333929

Ion Ratio Lower Upper

76 100

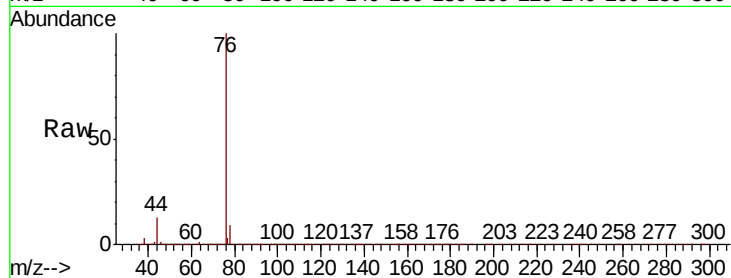
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

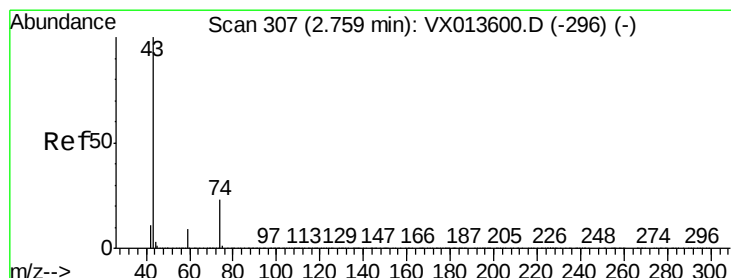
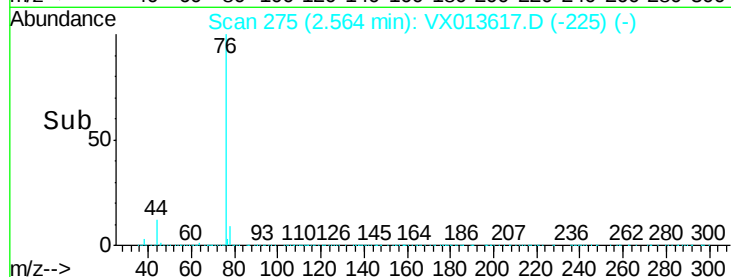
100000

50000

0

2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 20.526 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013617.D

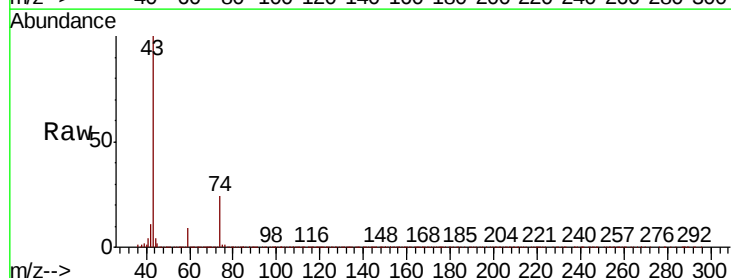
Acq: 26 Nov 2019 23:12

Tgt Ion: 43 Resp: 225372

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

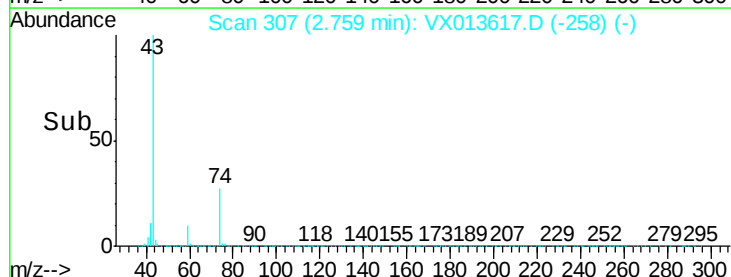
100000

50000

0

2.65 2.70 2.75 2.80 2.85

Time-->





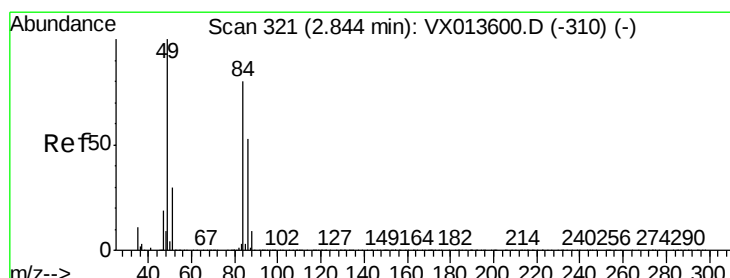
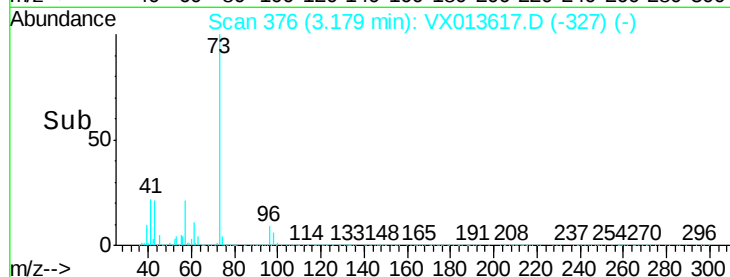
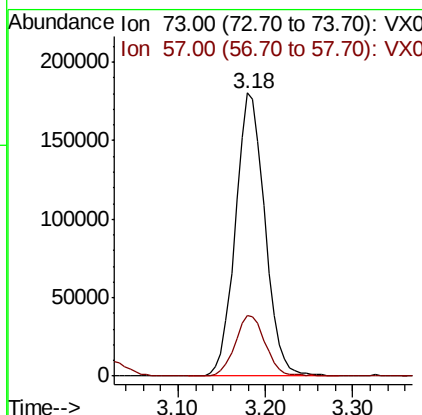
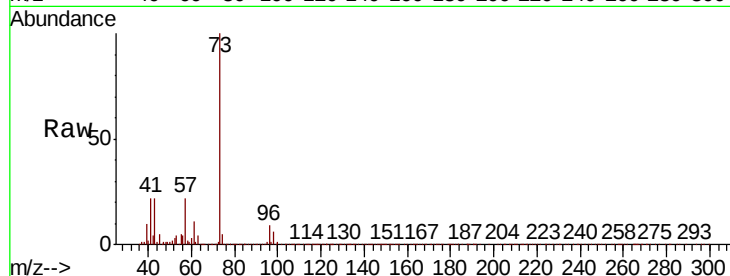
#19
Methvl tert-butvl Ether
Concen: 19.498 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.3	27.5

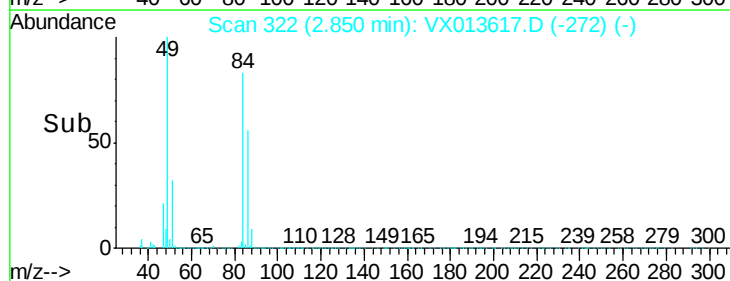
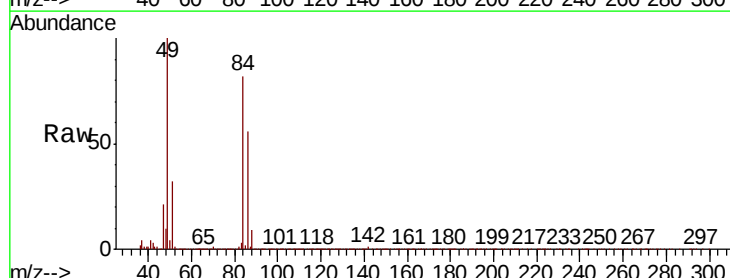
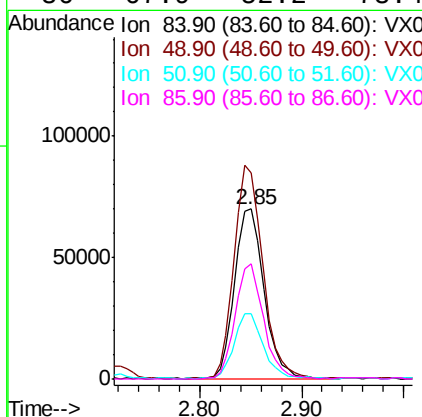
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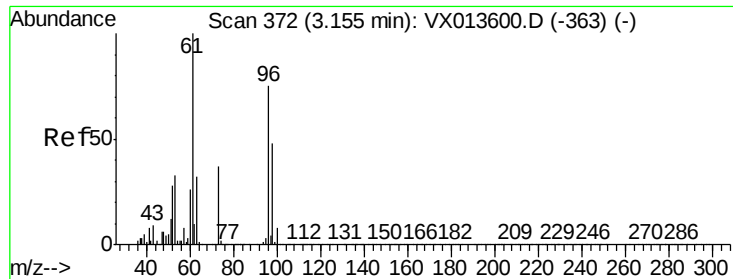
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#20
Methylene Chloride
Concen: 18.368 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	99.7	149.5
51	38.4	29.9	44.9
86	67.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.745 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

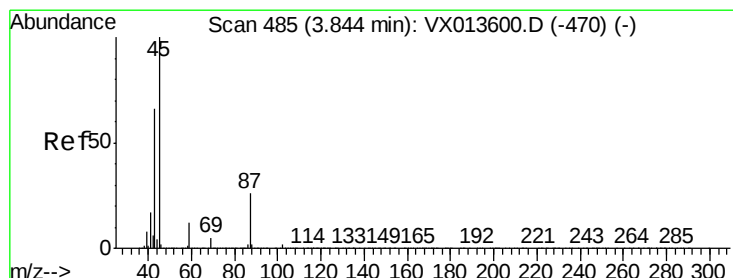
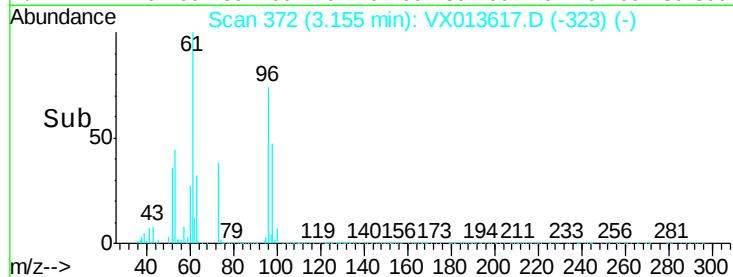
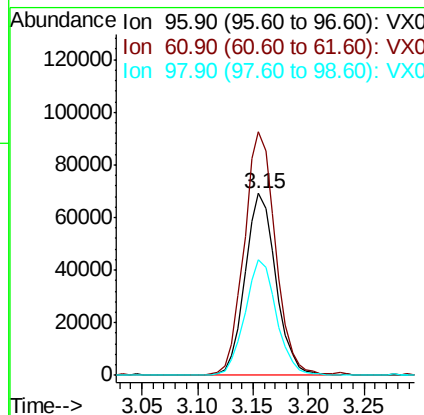
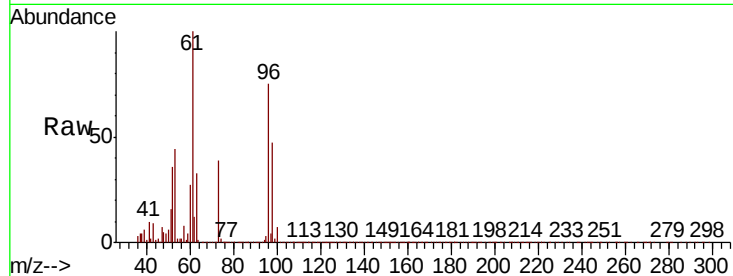
ClientSampleId :

VX1126WBS02

Tot Ion:	96	Resp:	133714
Ion	Ratio	Lower	Upper
96	100		
61	133.2	107.2	160.8
98	63.3	51.4	77.0

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#22

Diisopropyl ether

Concen: 19.762 ug/l

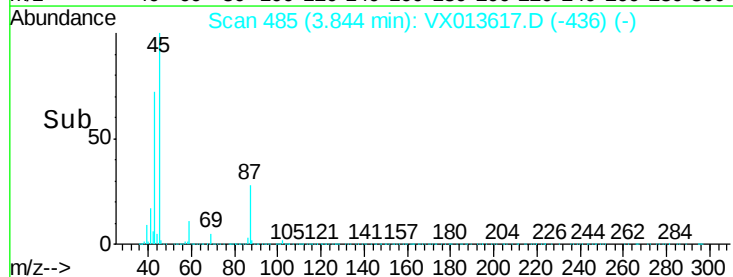
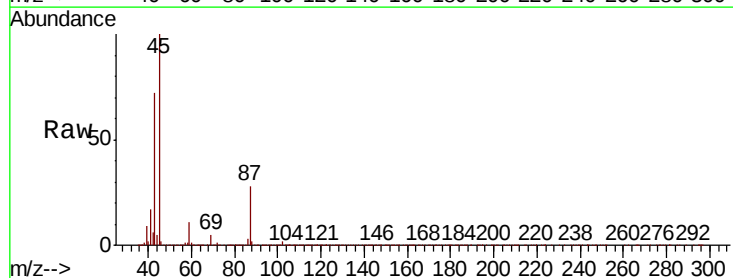
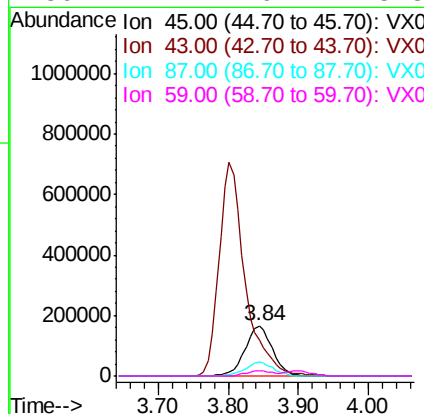
RT: 3.84 min Scan# 485

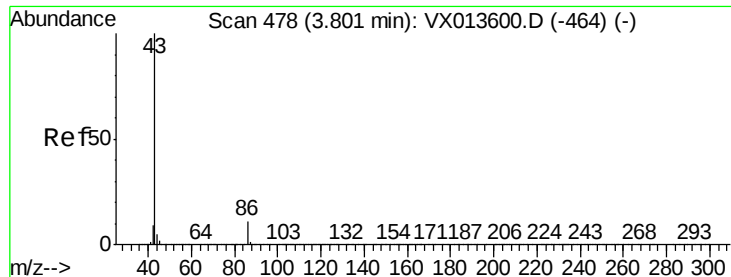
Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion:	45	Resp:	452166
Ion	Ratio	Lower	Upper
45	100		
43	72.0	52.6	79.0
87	27.6	21.1	31.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 95.952 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 43 Resp: 1826373

Ion Ratio Lower Upper

43 100

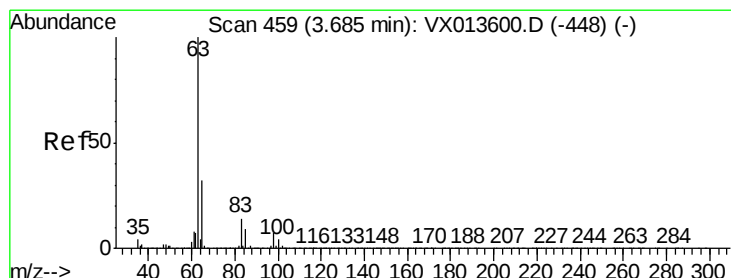
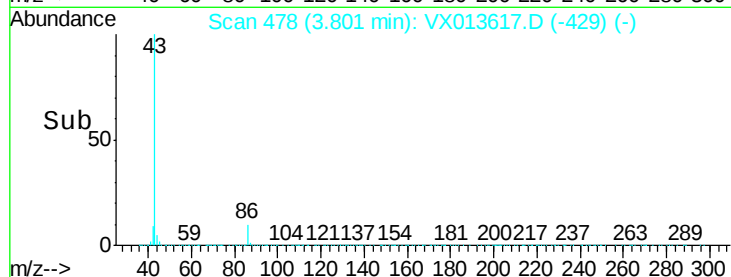
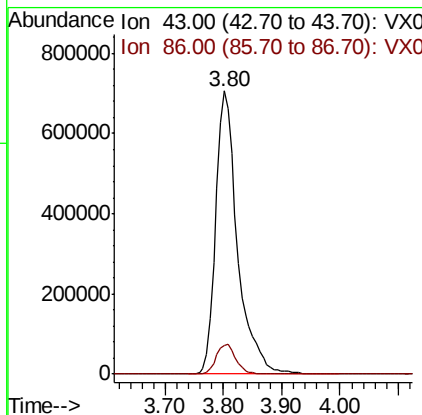
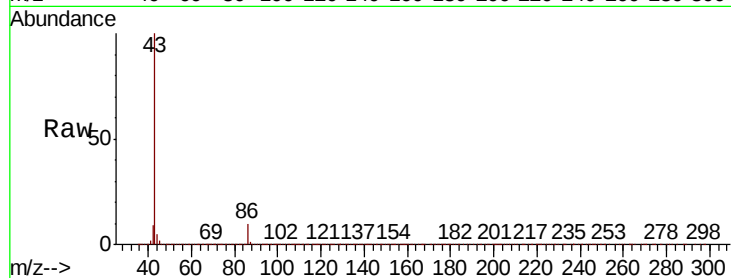
86 10.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.340 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

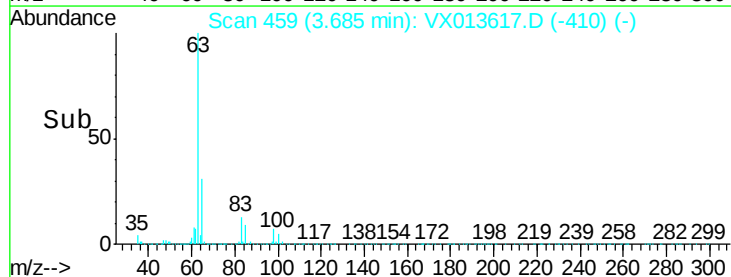
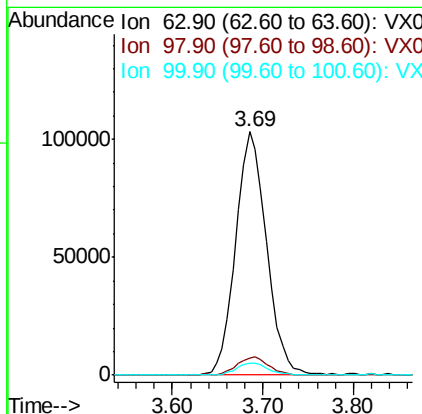
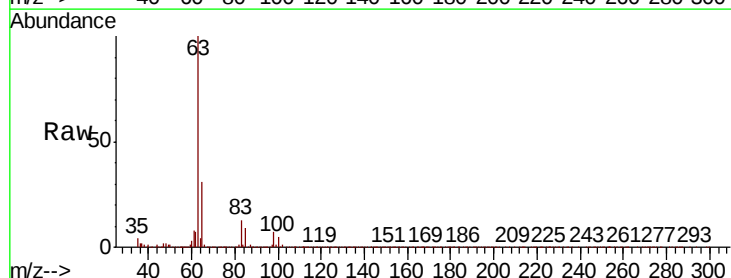
Tgt Ion: 63 Resp: 241905

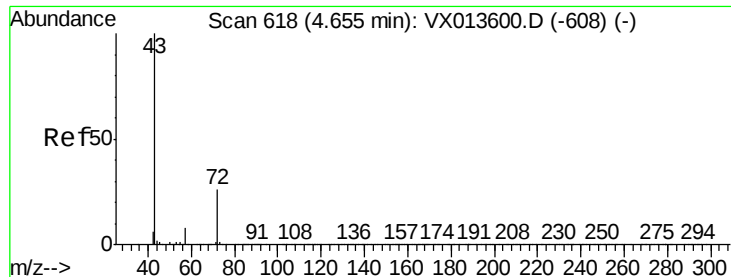
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 5.1 2.1 6.3





#25

2-Butanone

Concen: 94.895 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 43 Resp: 556101

Ion Ratio Lower Upper

43 100

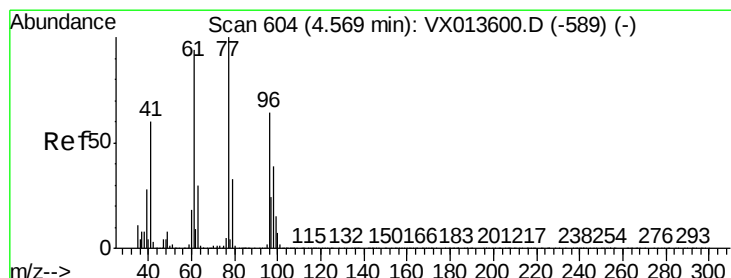
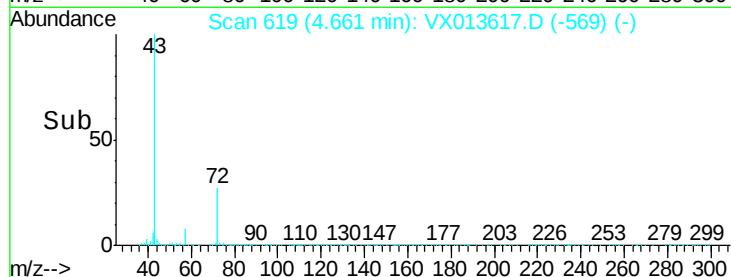
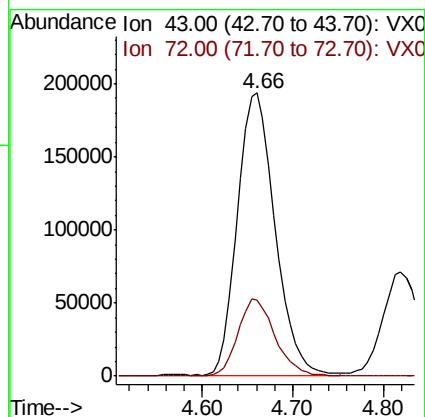
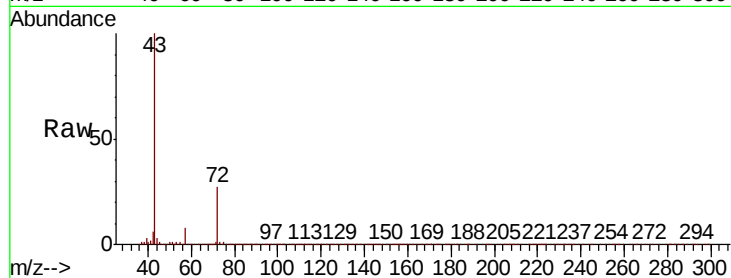
72 26.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.583 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013617.D

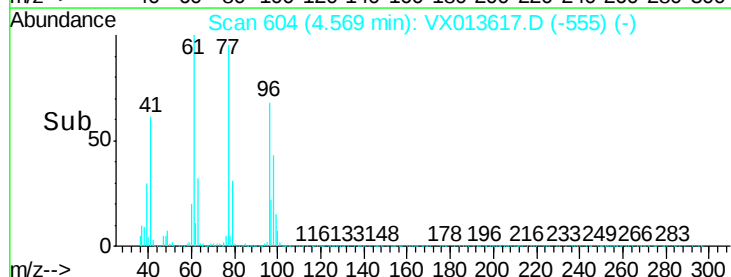
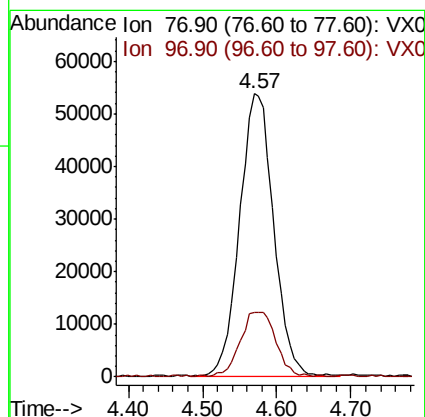
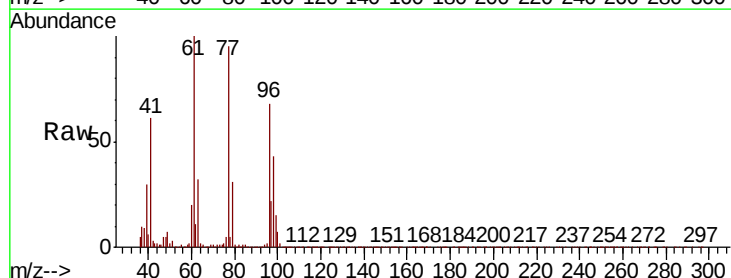
Acq: 26 Nov 2019 23:12

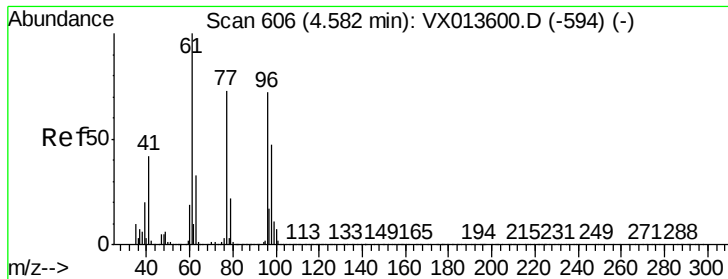
Tgt Ion: 77 Resp: 171611

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

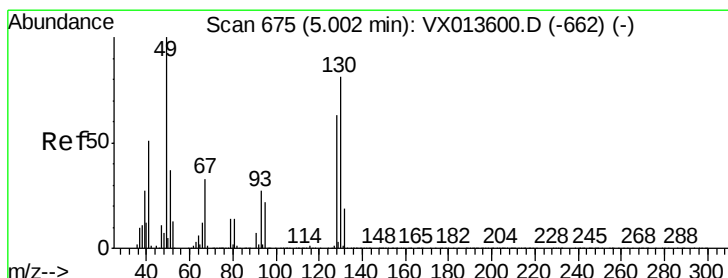
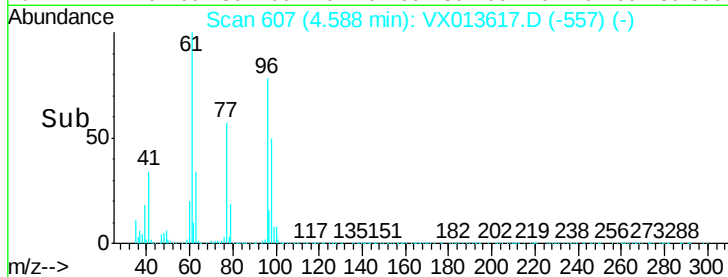
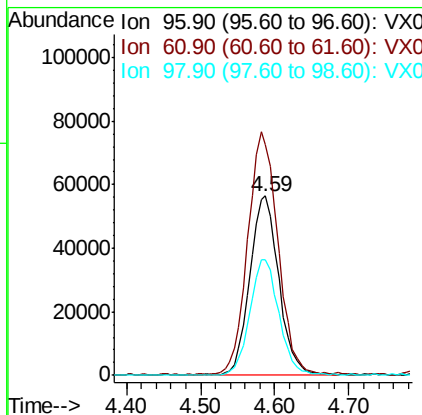
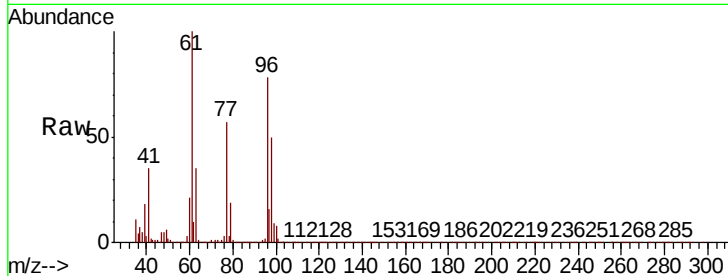
cis-1,2-Dichloroethene
Concen: 18.861 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	154508		
61	141.0	0.0	286.4	
98	63.5	0.0	127.4	

Manual Integrations
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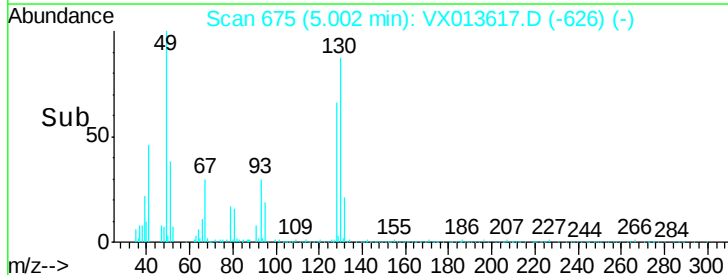
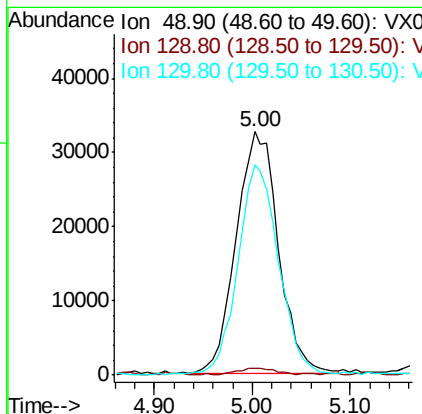
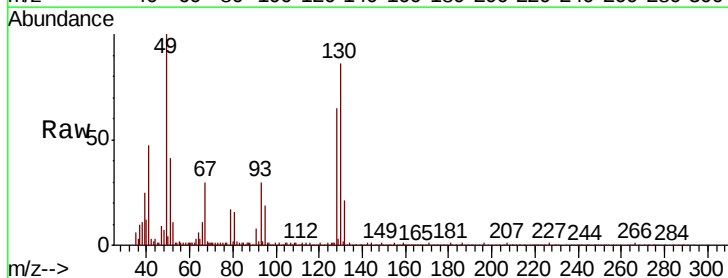
apatel
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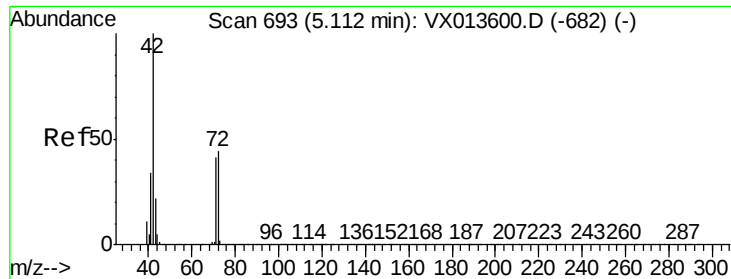


#28

Bromochloromethane
Concen: 19.628 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97058		
129	2.9	0.0	5.0	
130	83.4	65.4	98.0	





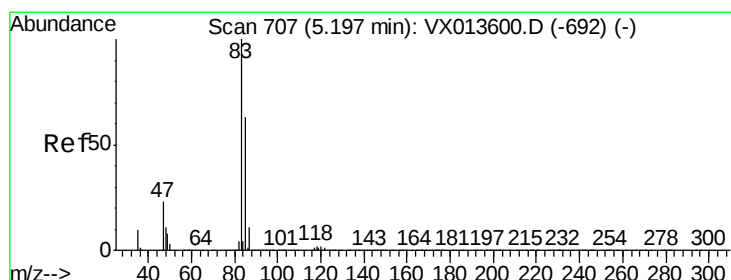
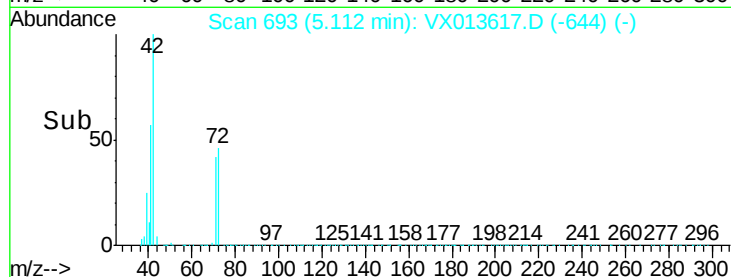
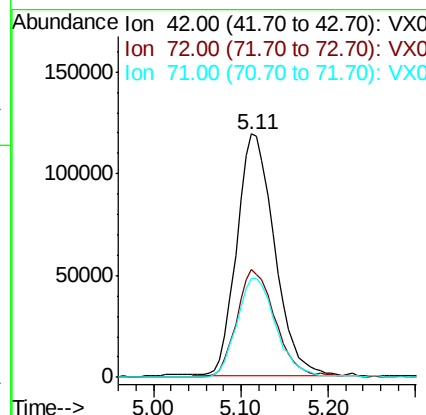
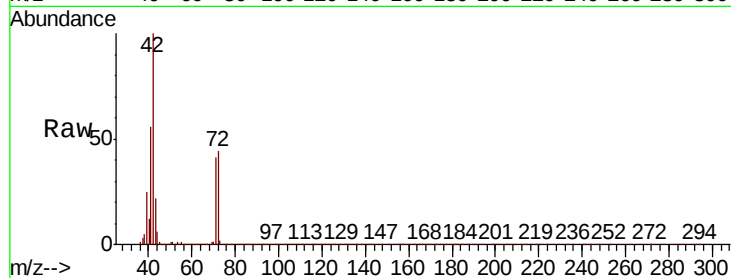
#29
Tetrahydrofuran
Concen: 97.858 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.3	54.5
71	42.6	33.2	49.8

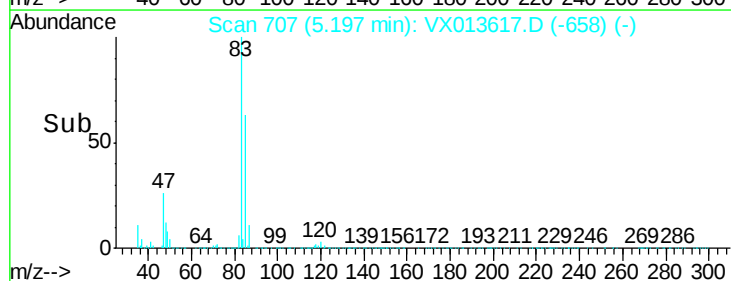
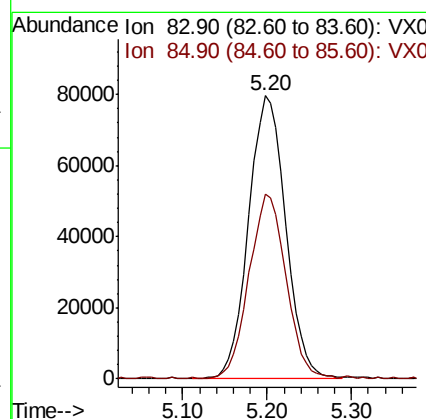
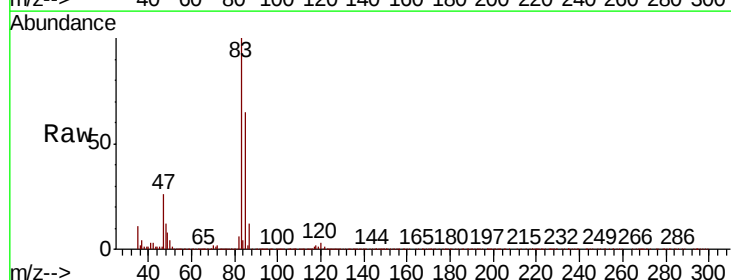
Manual Integrations
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#30
Chloroform
Concen: 18.780 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.2	75.4





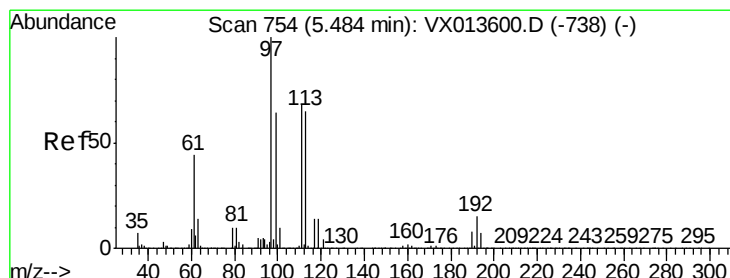
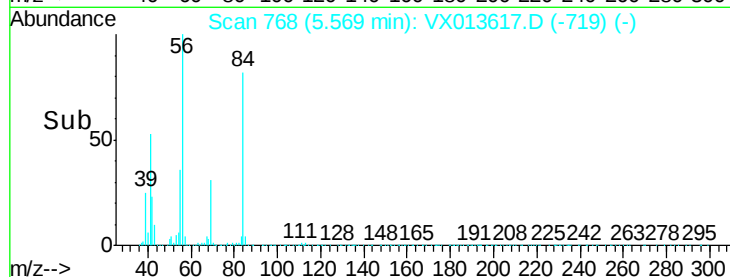
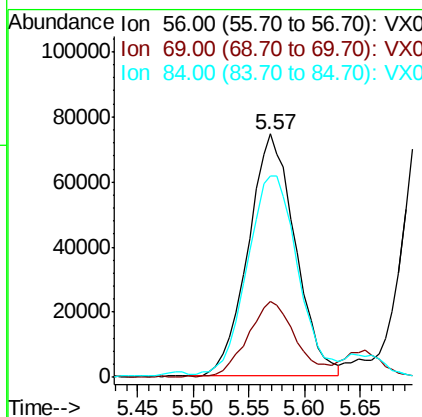
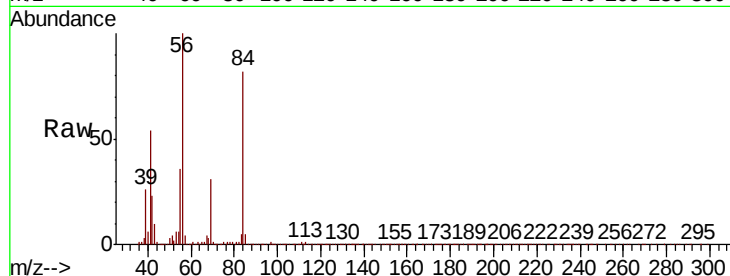
#31
Cyclohexane
Concen: 18.510 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	81.5	70.0	105.0

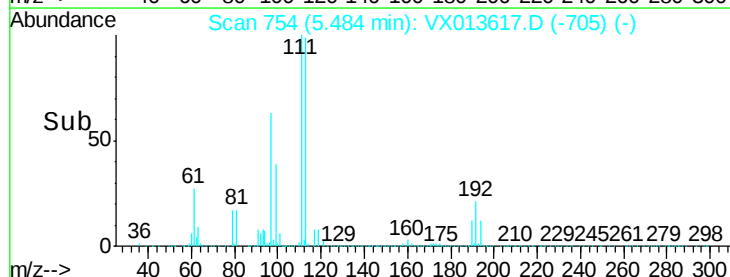
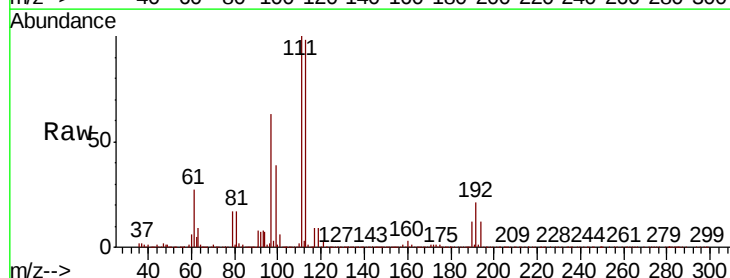
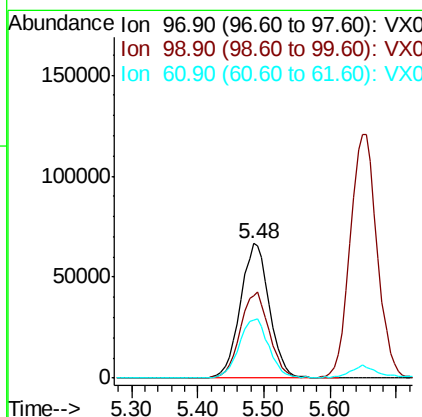
Manual Integrations
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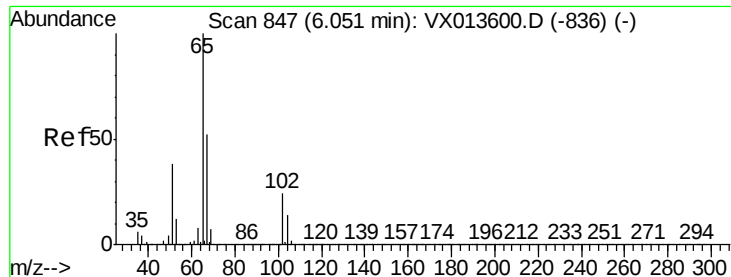
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#32
1,1,1-Trichloroethane
Concen: 19.231 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	44.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.627 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 65 Resp: 372392

Ion Ratio Lower Upper

65 100

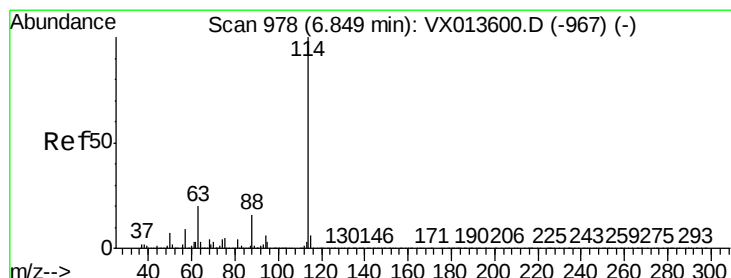
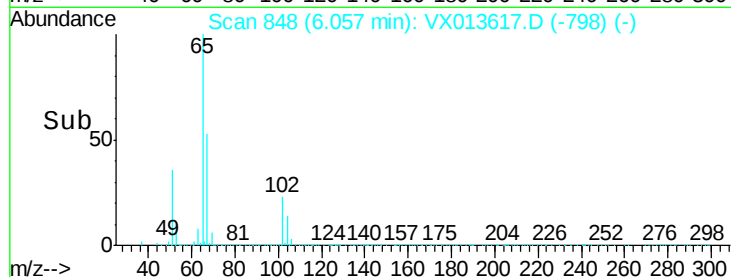
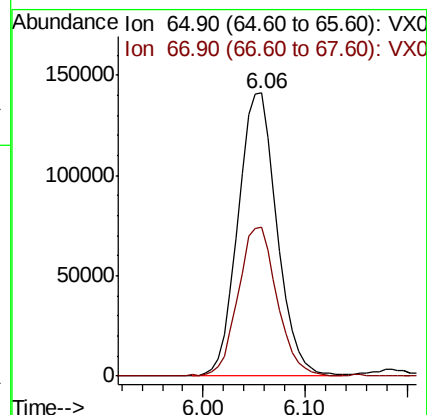
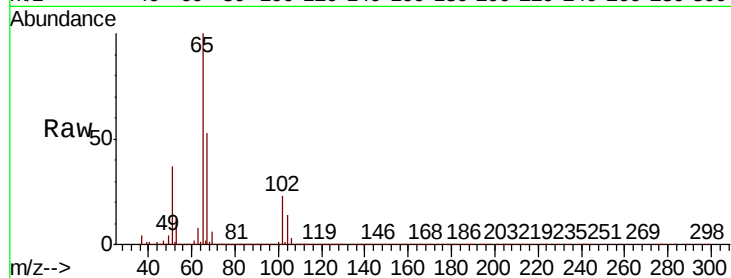
67 52.4 0.0 104.4

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: VX013617.D

Acq: 26 Nov 2019 23:12

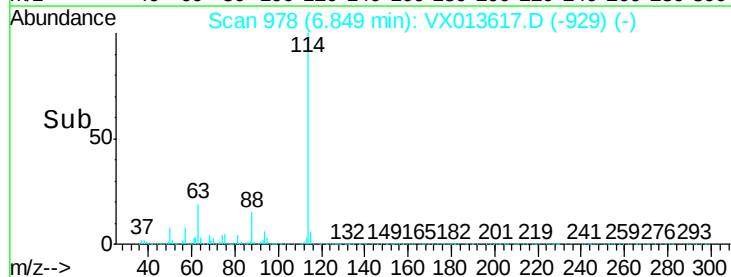
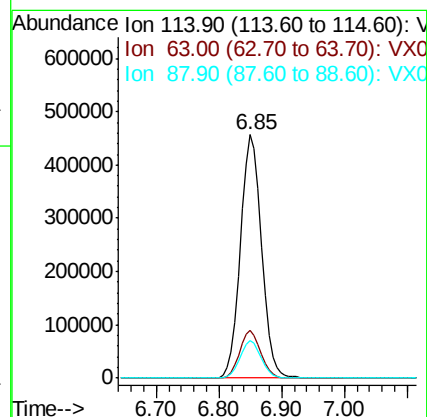
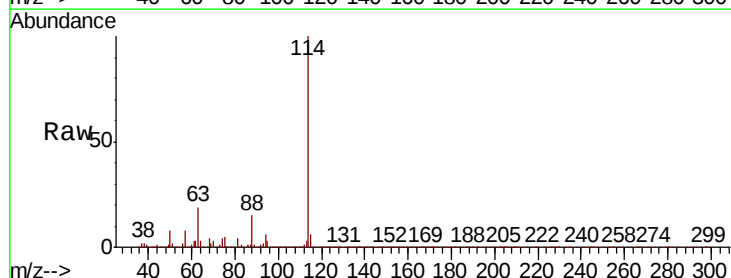
Tgt Ion: 114 Resp: 1063843

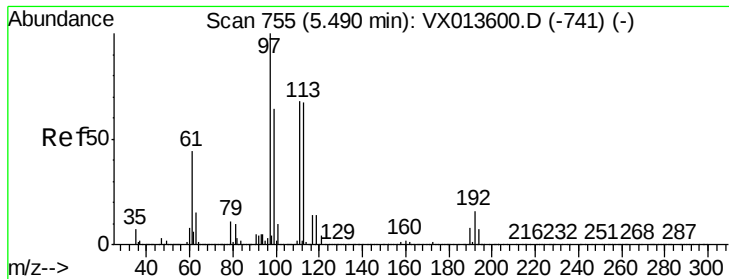
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.4 0.0 31.4





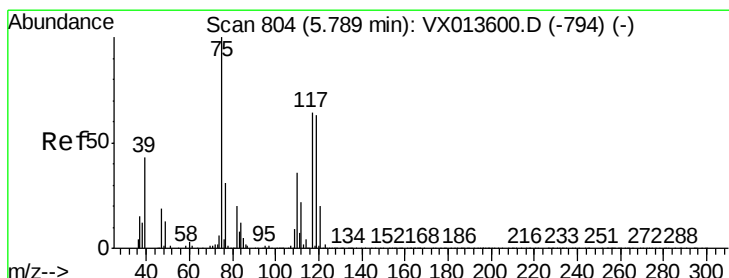
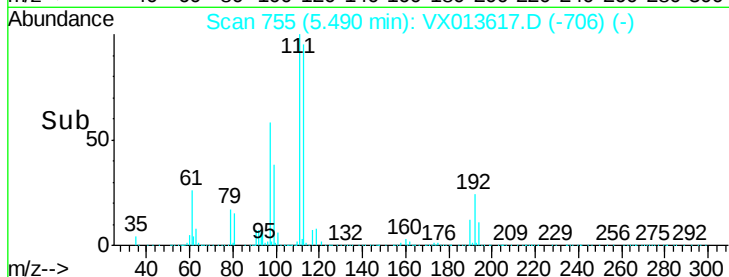
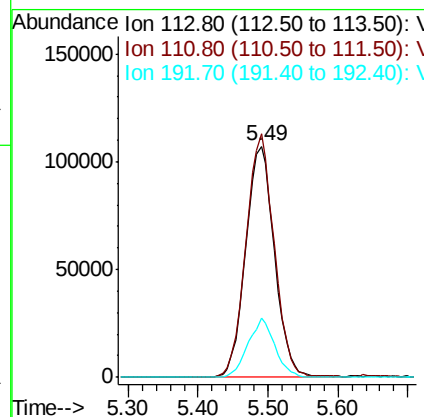
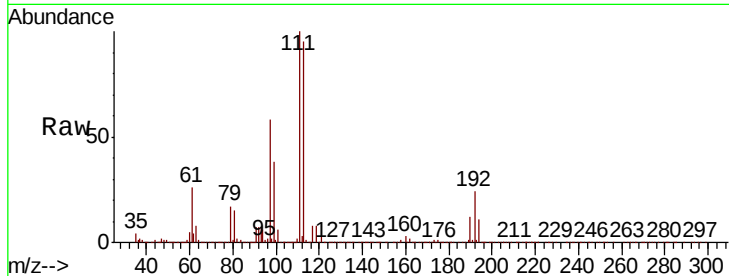
#35
 Dibromofluoromethane
 Concen: 46.738 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.6	125.4
192	24.0	19.2	28.8

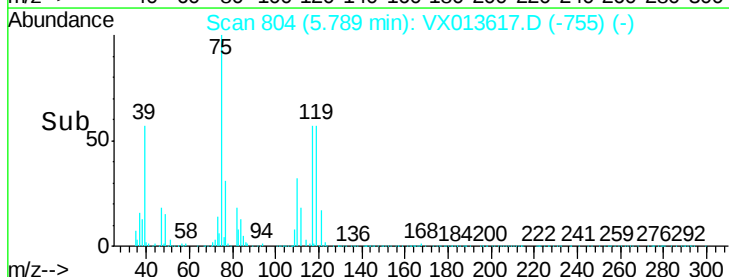
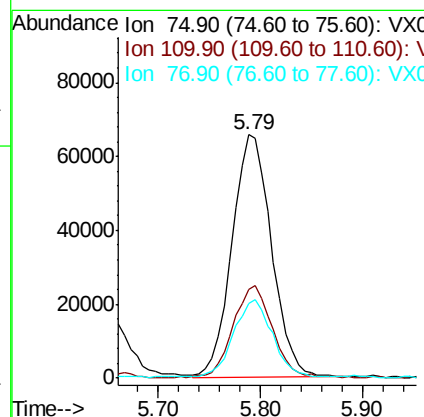
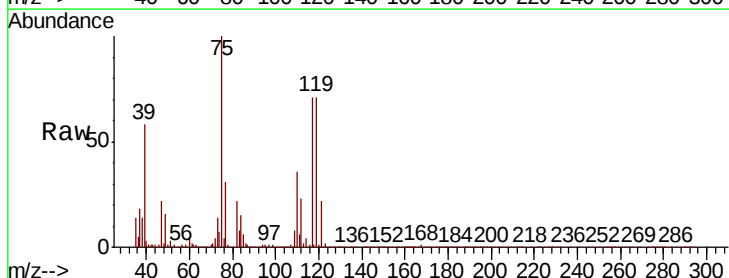
Manual Integrations
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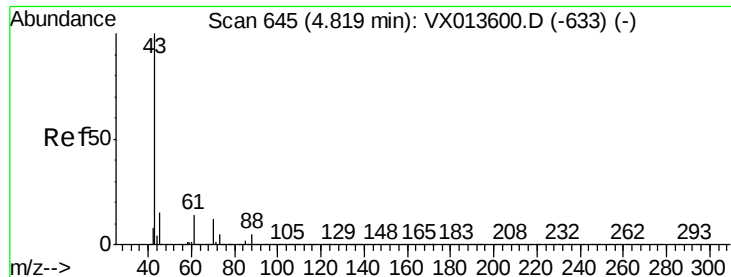
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#36
 1,1-Dichloropropene
 Concen: 18.290 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.1
77	31.1	24.5	36.7





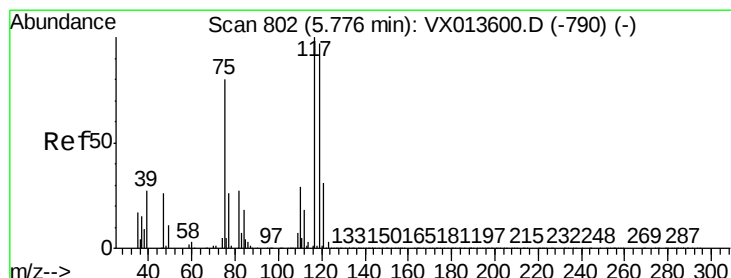
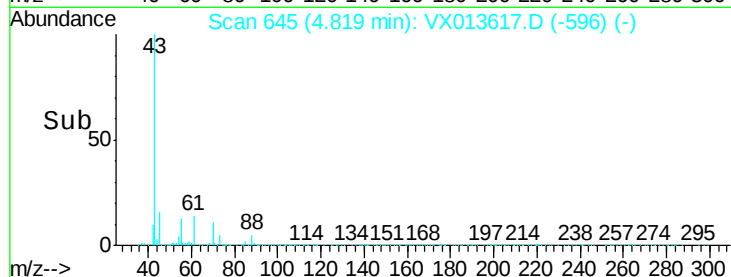
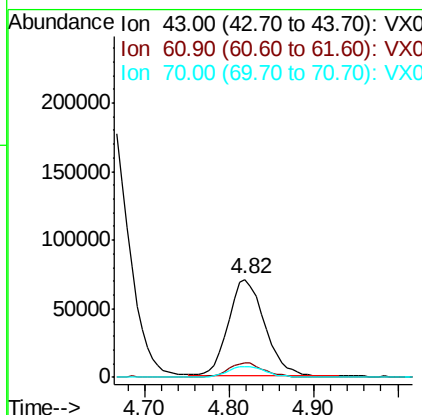
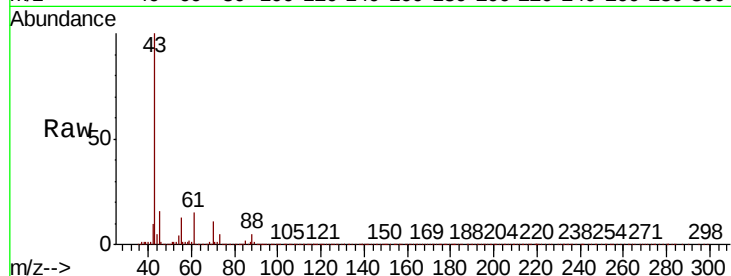
#37
Ethyl Acetate
Concen: 19.249 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	43	Resp	208541
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	11.2	8.6	12.8

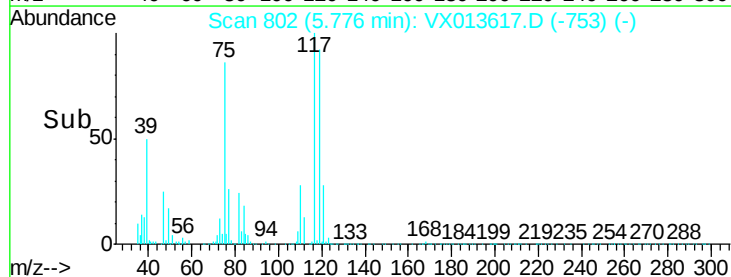
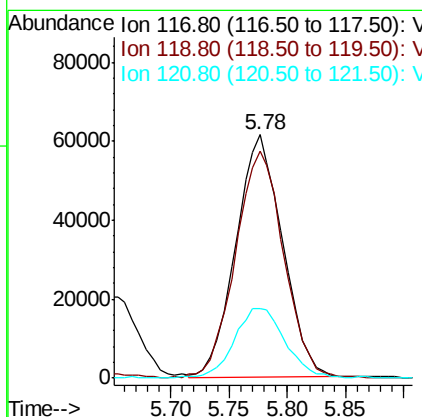
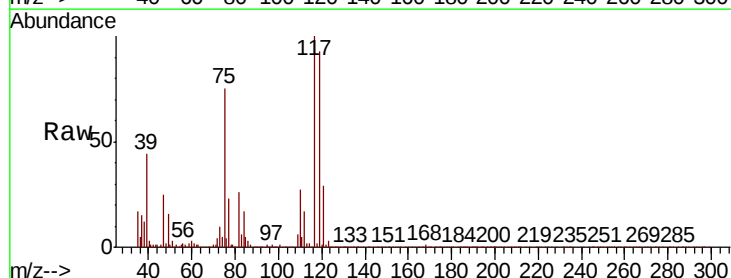
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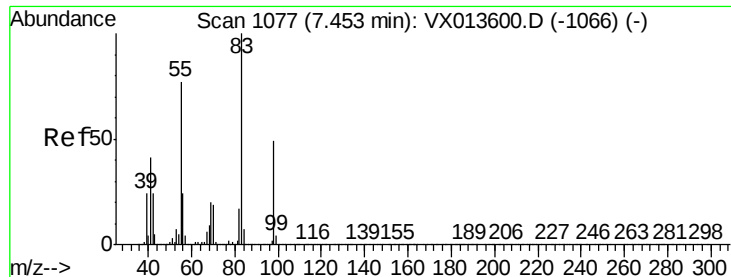
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#38
Carbon Tetrachloride
Concen: 19.201 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	117	Resp	170976
Ion Ratio	Lower	Upper	
117	100		
119	92.8	77.5	116.3
121	28.3	25.0	37.6





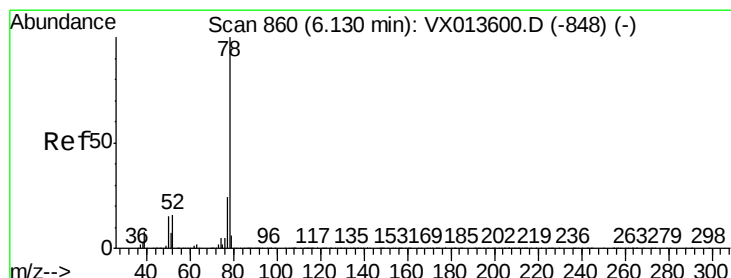
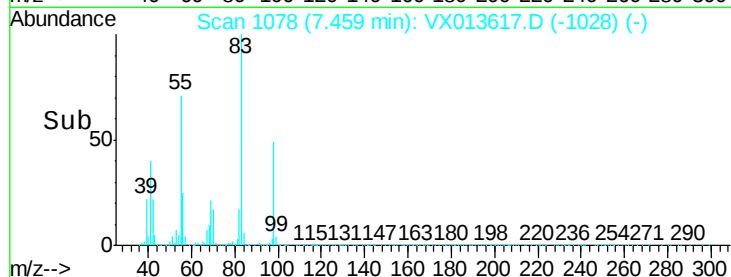
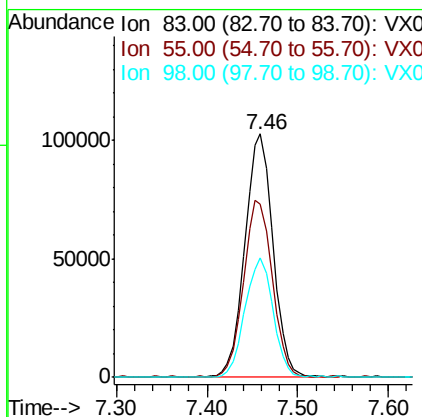
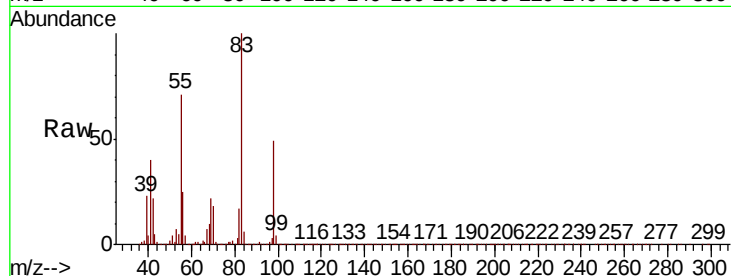
#39
Methvlcvclohexane
Concen: 18.401 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	219655		
55	71.0		61.9	92.9
98	49.0		39.4	59.0

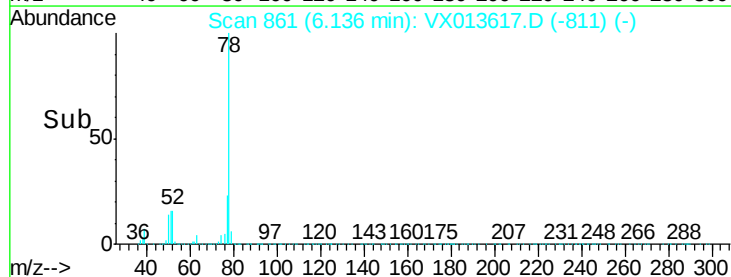
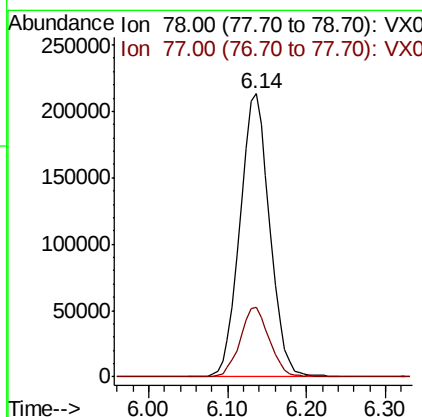
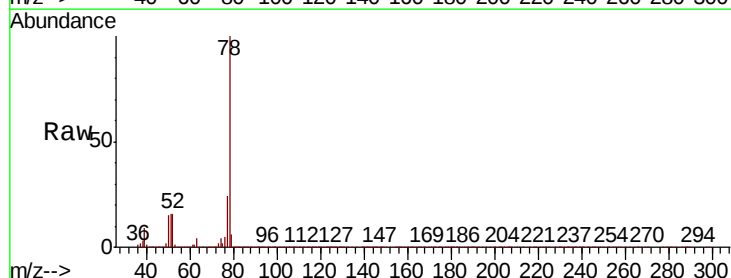
Manual Integrations
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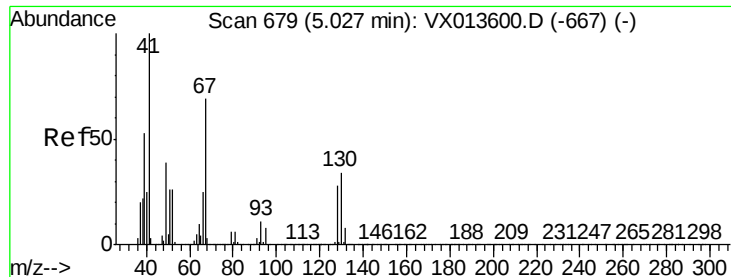
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#40
Benzene
Concen: 18.949 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	557342		
77	24.4		19.0	28.4





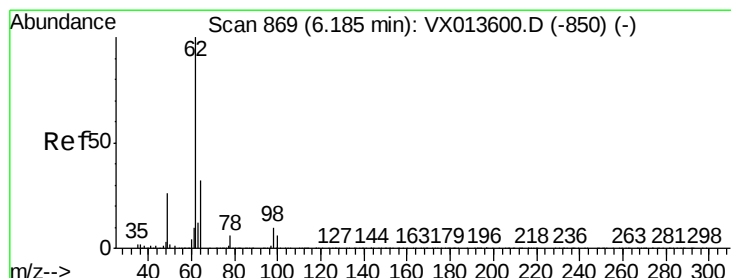
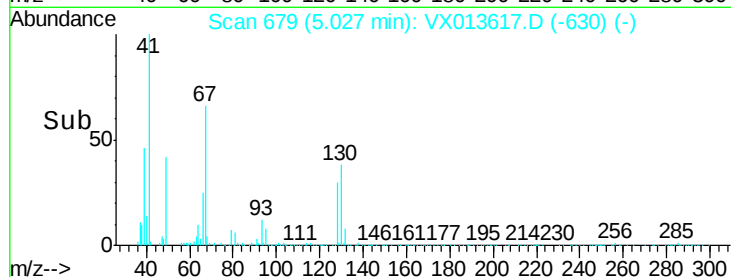
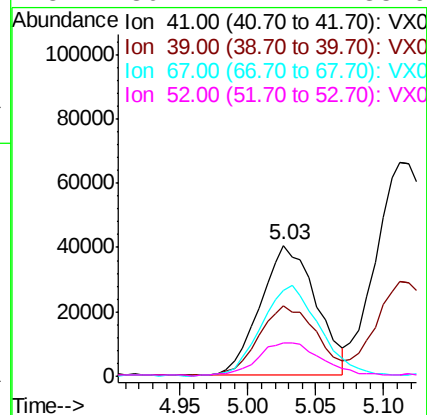
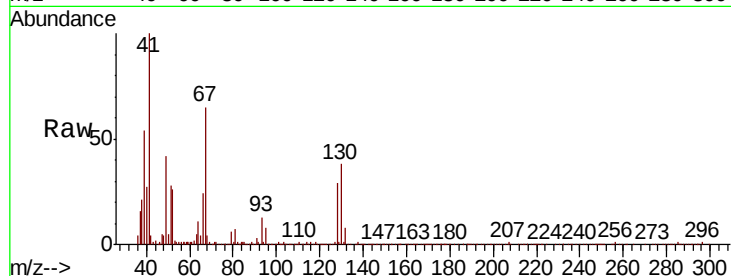
#41
Methacrylonitrile
Concen: 19.373 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	42.9	64.3	
67	73.2	57.4	86.0	
52	30.4	22.4	33.6	

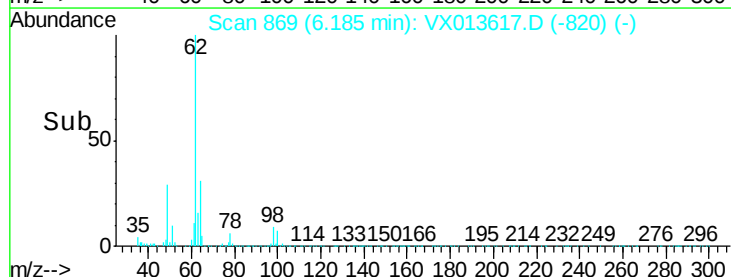
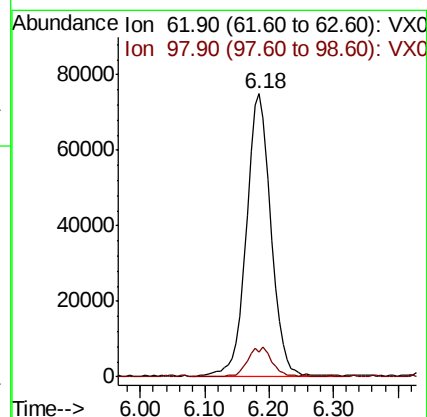
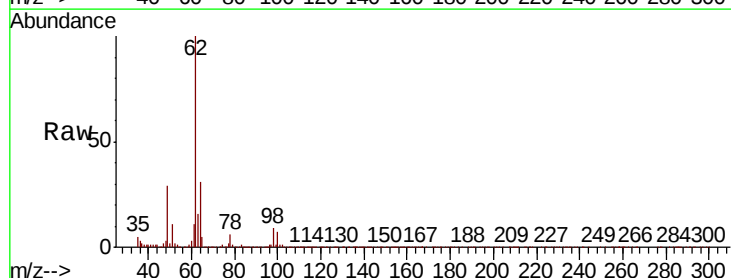
Manual Integrations
APPROVED

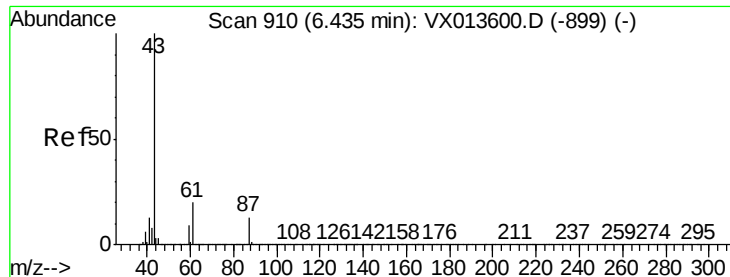
apatel
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#42
1,2-Dichloroethane
Concen: 19.424 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	20.8	





#43

Isopropyl Acetate

Concen: 19.122 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

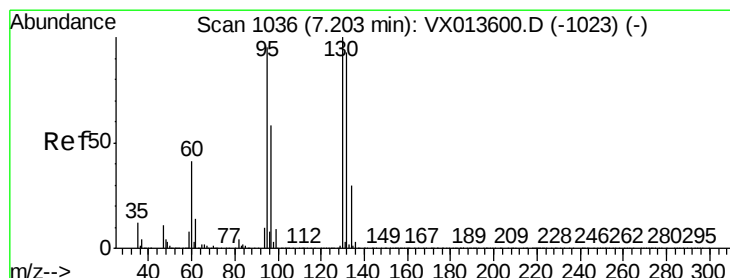
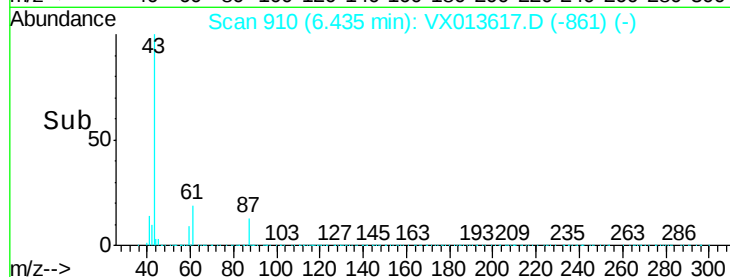
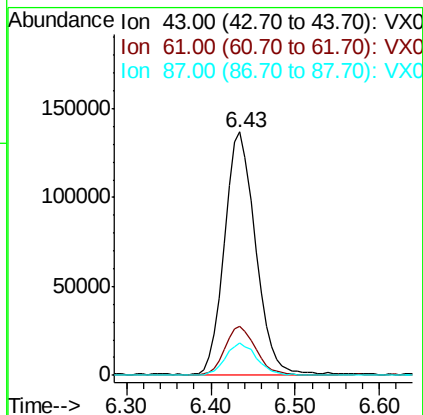
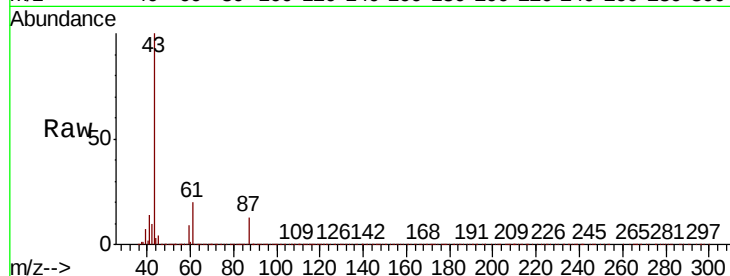
ClientSampleId :

VX1126WBS02

Tot Ion:	43	Resp:	341060
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.2	10.8	16.2

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#44

Trichloroethene

Concen: 18.719 ug/l

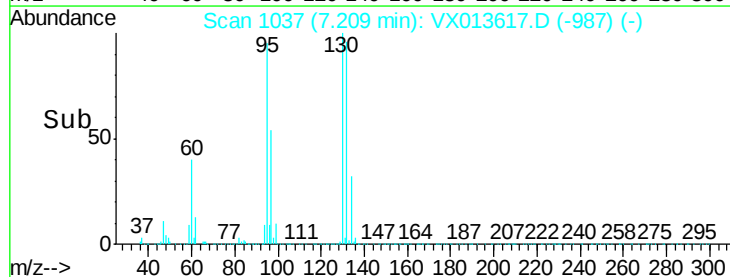
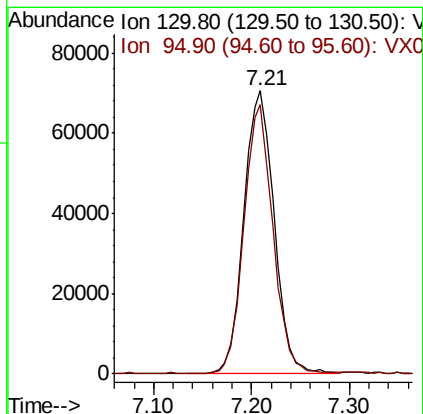
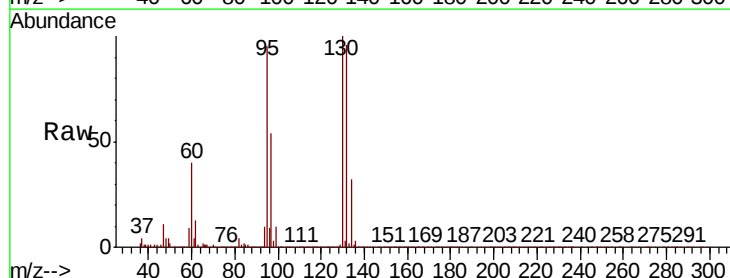
RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion:	130	Resp:	151103
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.137 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 63 Resp: 140827

Ion Ratio Lower Upper

63 100

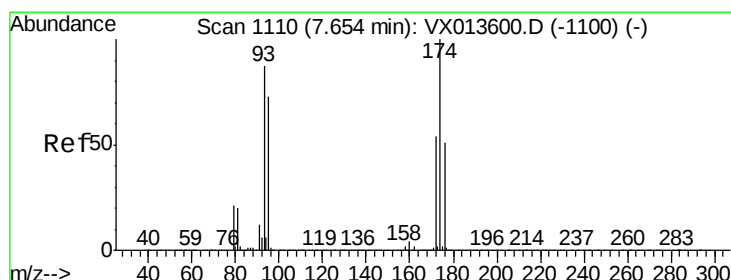
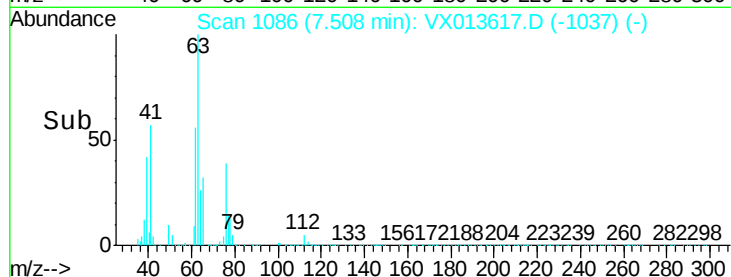
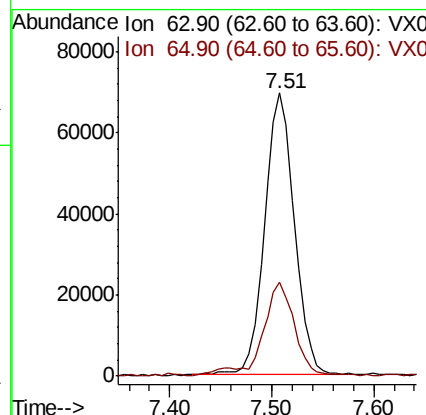
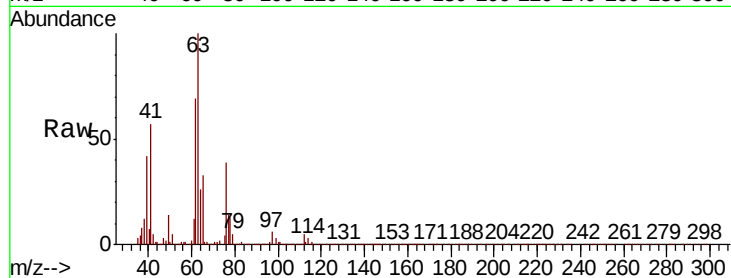
65 32.7 25.5 38.3

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#46

Dibromomethane

Concen: 18.730 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

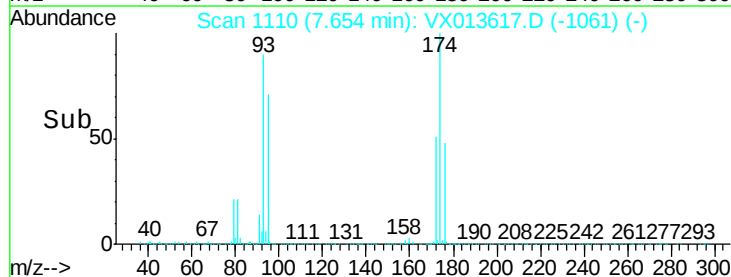
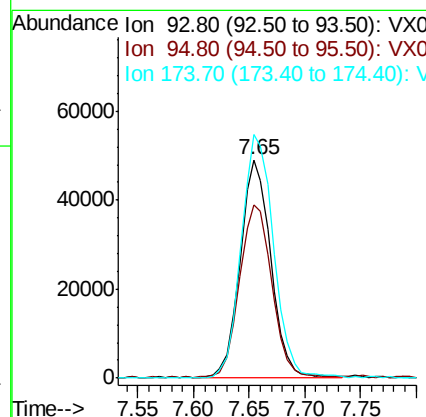
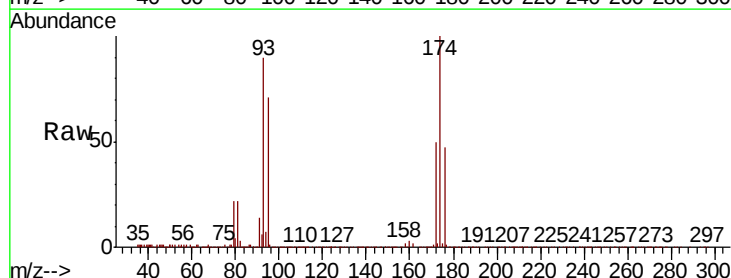
Tgt Ion: 93 Resp: 93610

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 118.5 93.4 140.0





#47

Bromodichloromethane

Concen: 18.712 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

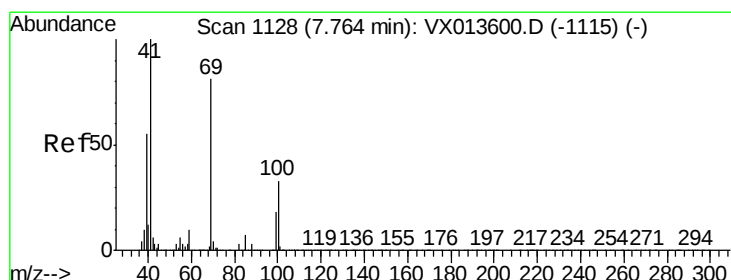
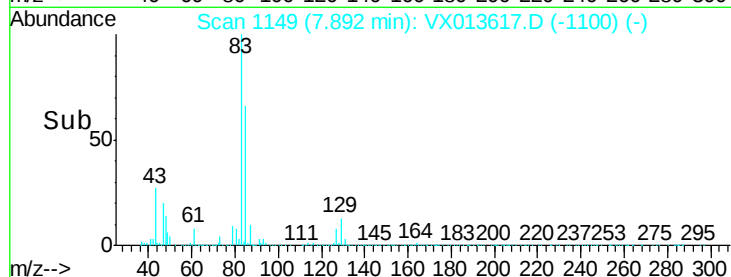
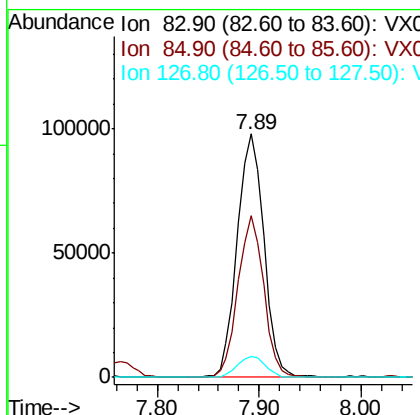
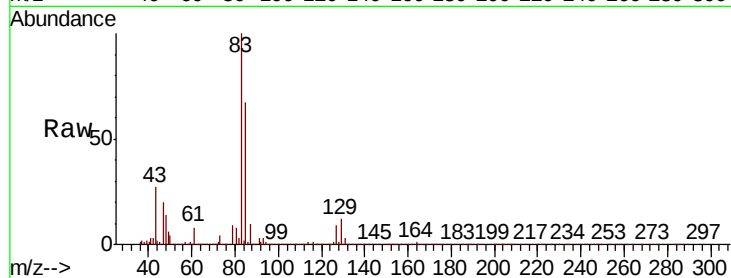
ClientSampleId :

VX1126WBS02

Tot Ion:	83	Resp:	176803
Ion Ratio	Lower	Upper	
83	100		
85	66.5	52.1	78.1
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.146 ug/l

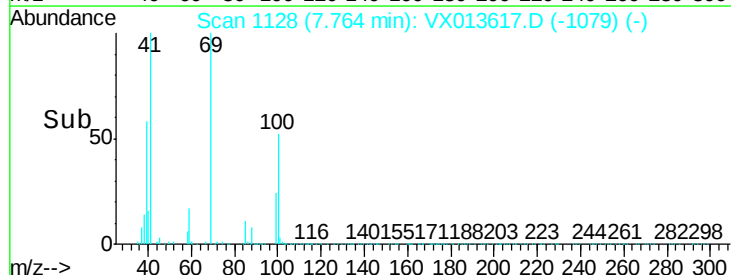
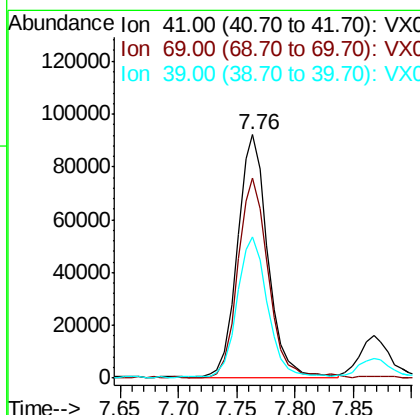
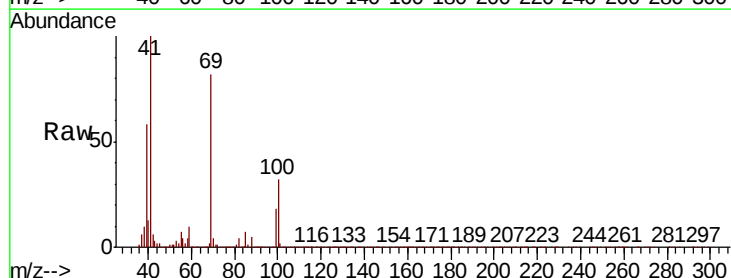
RT: 7.76 min Scan# 1128

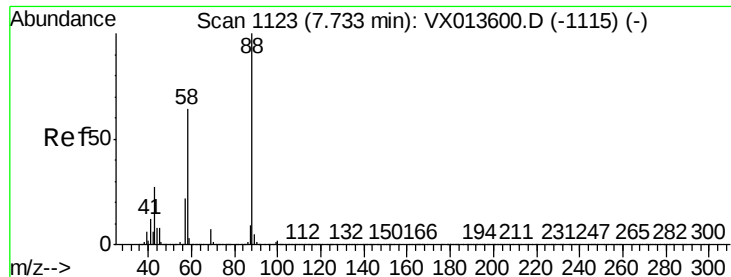
Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion:	41	Resp:	165922
Ion Ratio	Lower	Upper	
41	100		
69	82.0	64.7	97.1
39	58.3	43.8	65.6





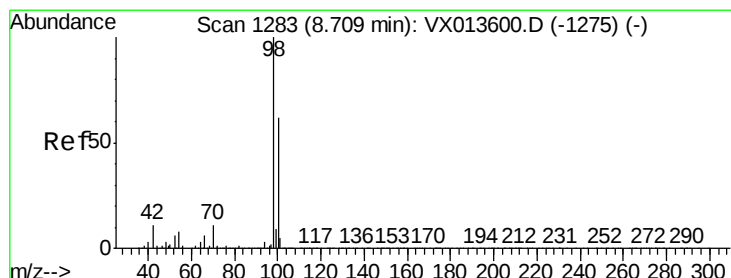
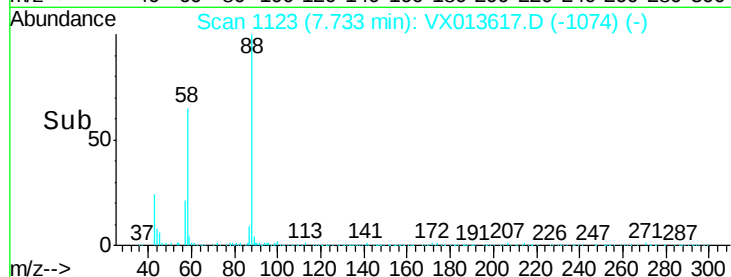
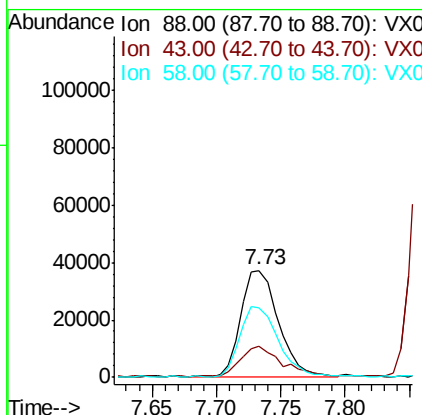
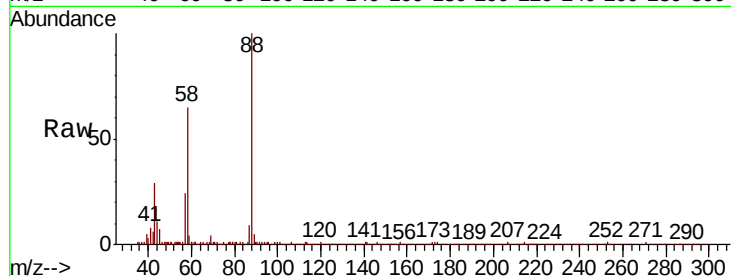
#49
1,4-Dioxane
Concen: 386.968 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.8	38.6
58	67.7	54.6	82.0

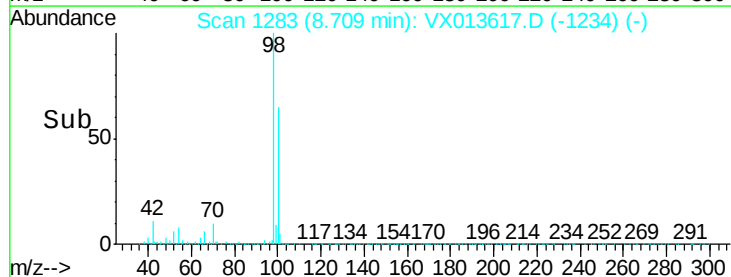
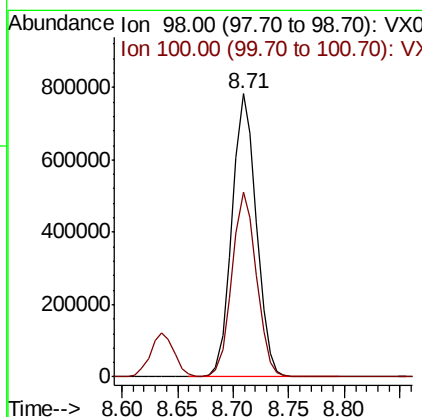
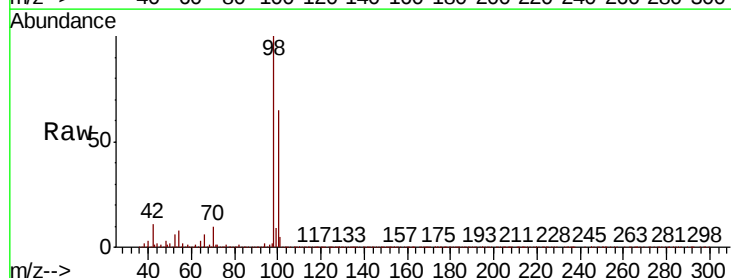
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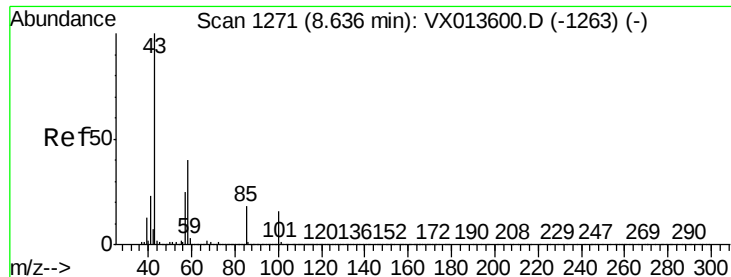
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#50
Toluene-d8
Concen: 46.343 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 96.975 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 43 Resp: 1087967

Ion Ratio Lower Upper

43 100

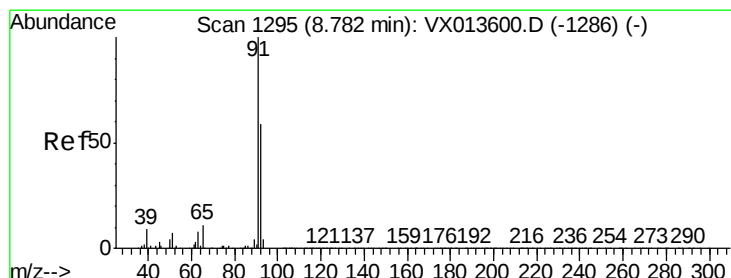
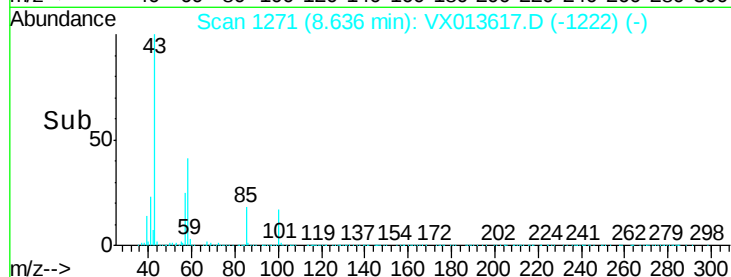
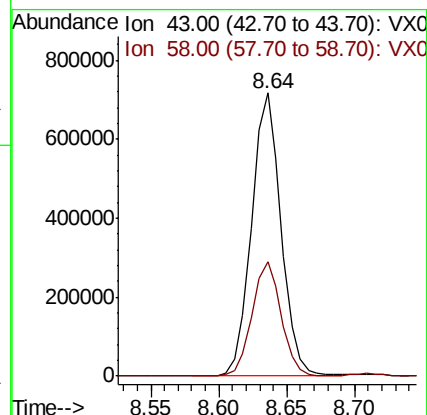
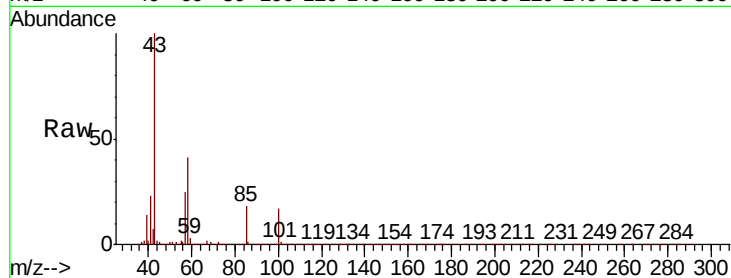
58 40.1 32.1 48.1

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#52

Toluene

Concen: 19.060 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013617.D

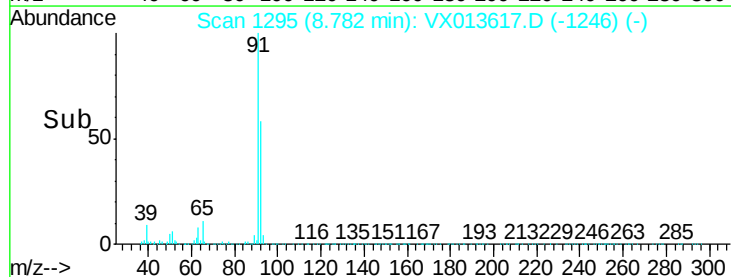
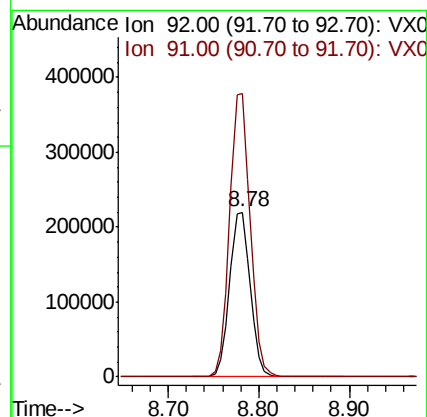
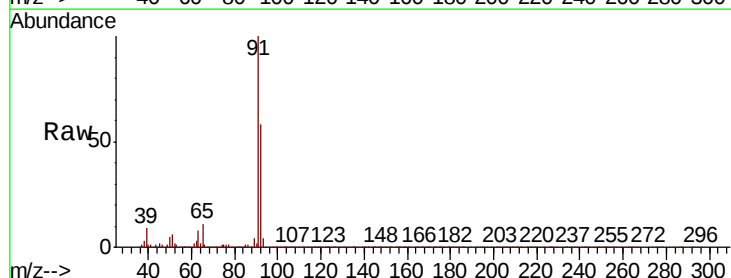
Acq: 26 Nov 2019 23:12

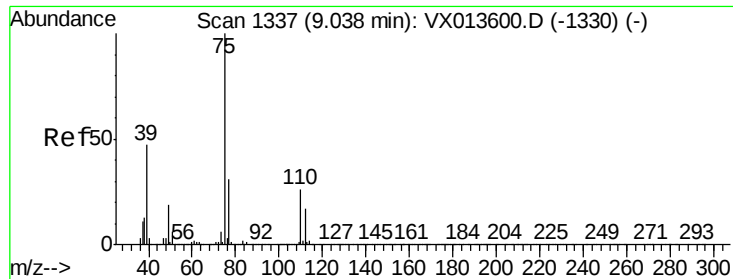
Tgt Ion: 92 Resp: 348256

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.2





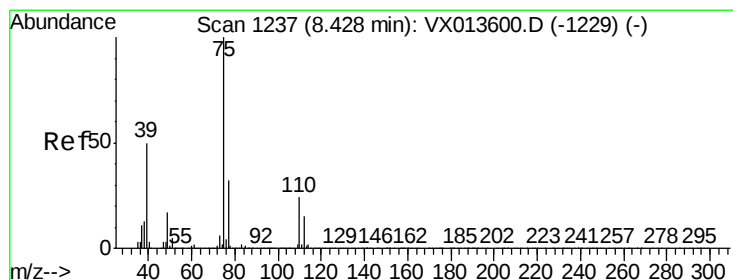
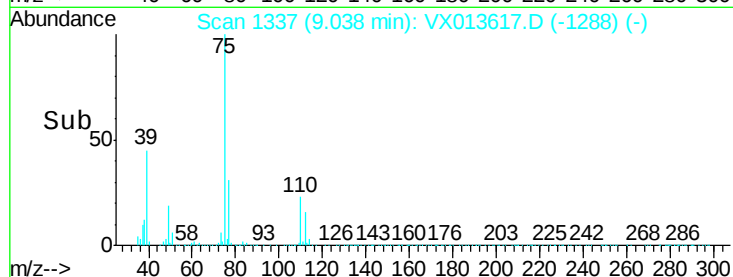
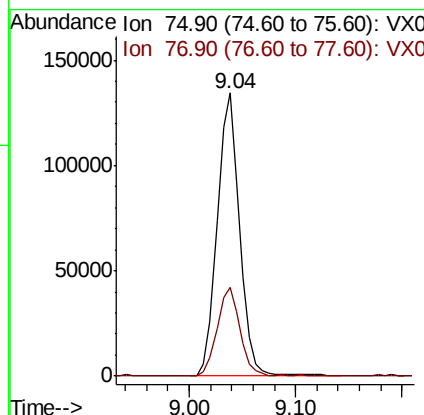
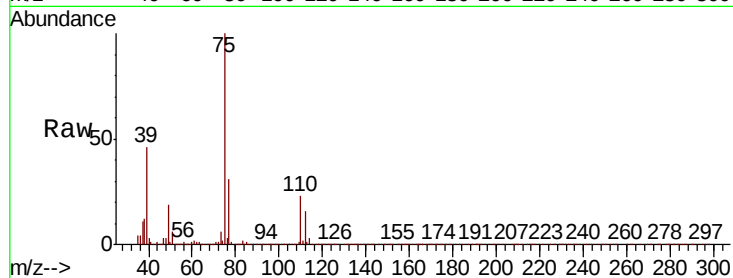
#53
t-1,3-Dichloropropene
Concen: 18.017 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6

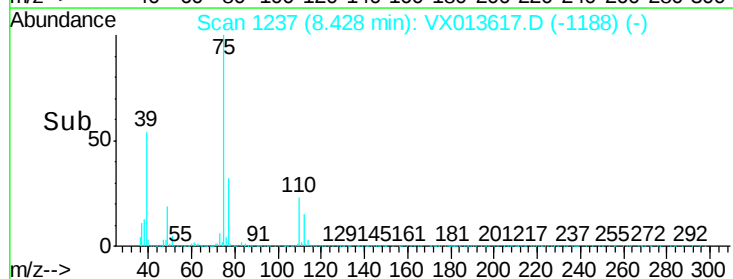
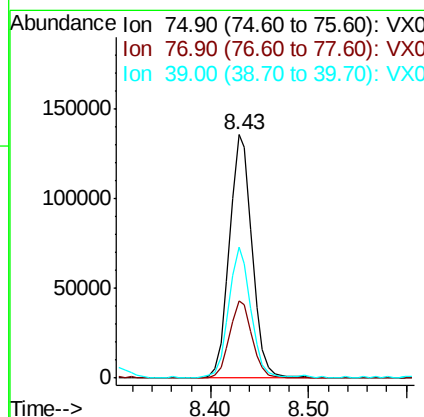
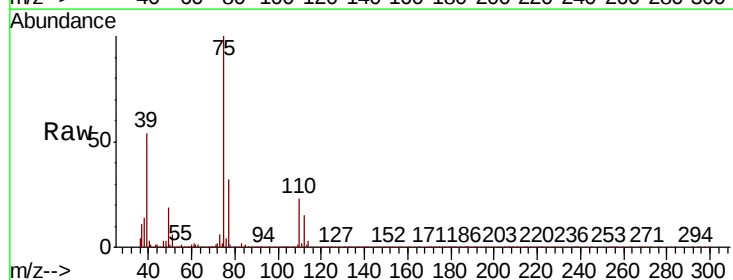
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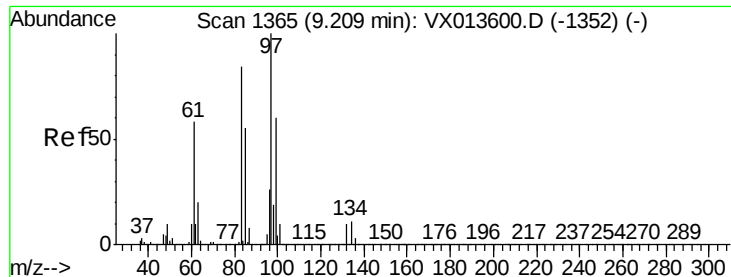
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#54
cis-1,3-Dichloropropene
Concen: 18.536 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	53.6	39.9	59.9





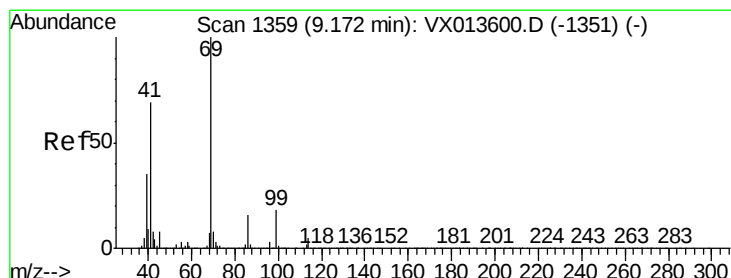
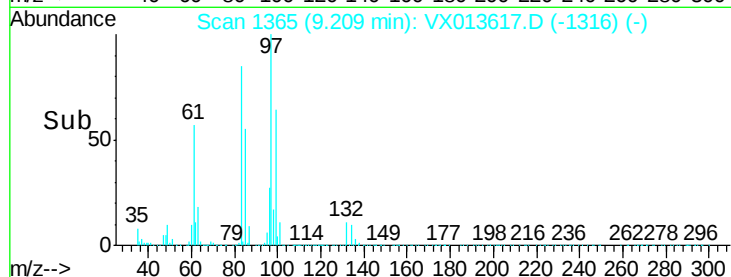
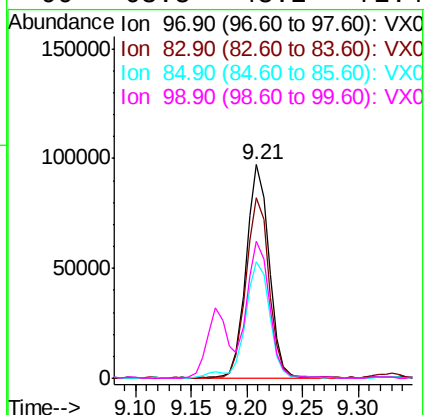
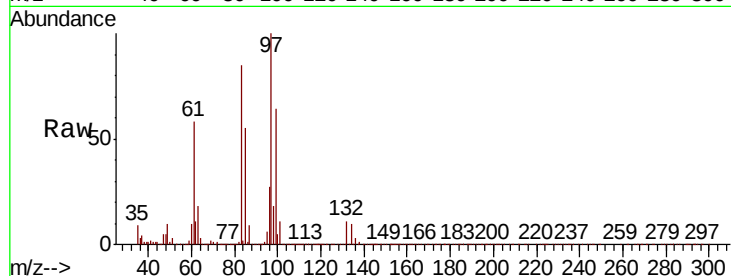
#55
 1,1,2-Trichloroethane
 Concen: 19.006 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.4	67.3	100.9		
85	54.5	43.6	65.4		
99	63.8	48.2	72.4		

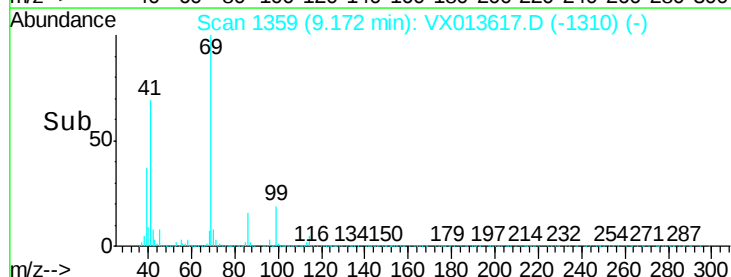
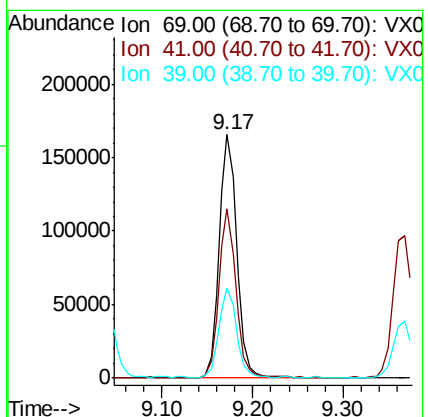
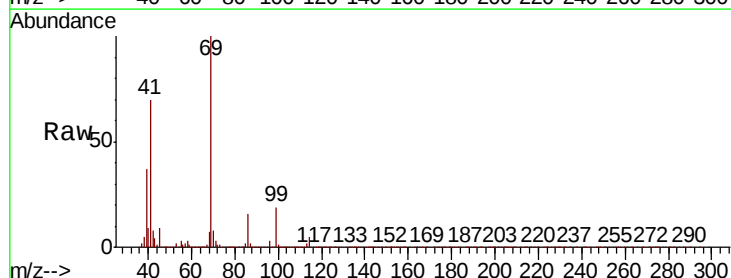
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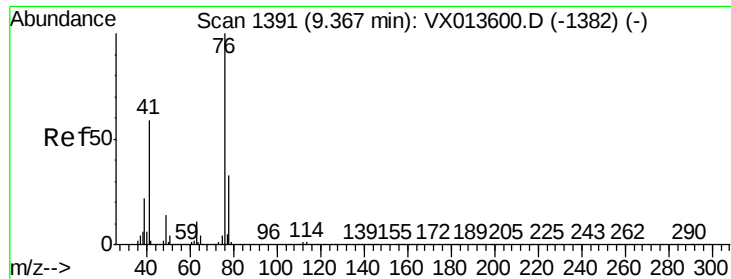
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#56
 Ethyl methacrylate
 Concen: 19.072 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	66.4	55.0	82.4		
39	36.0	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 18.567 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 76 Resp: 235645

Ion Ratio Lower Upper

76 100

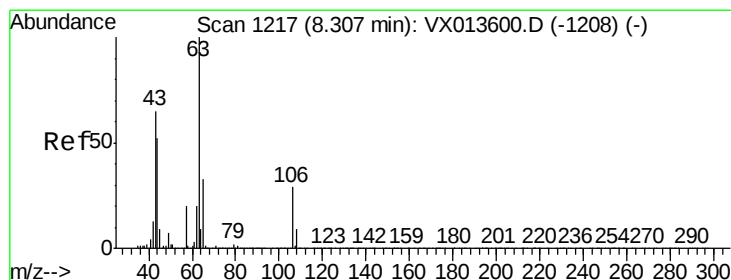
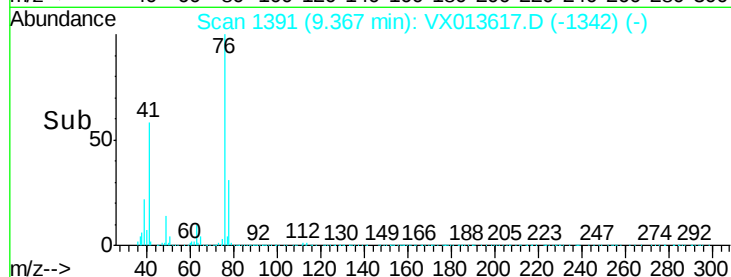
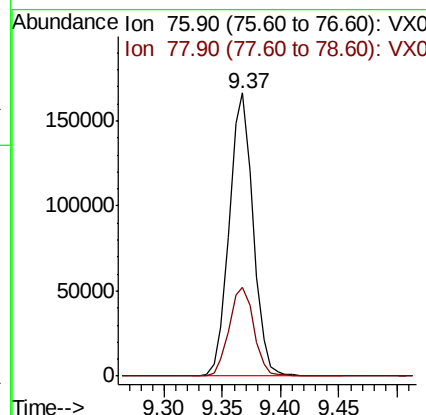
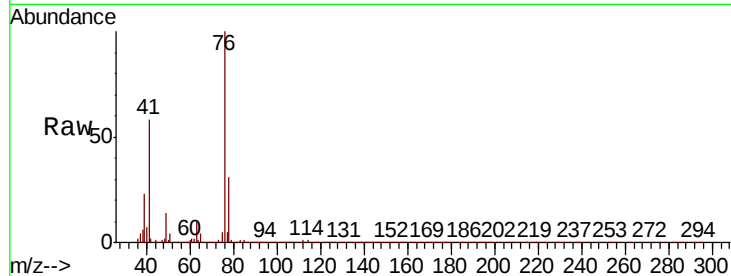
78 33.0 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 96.266 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013617.D

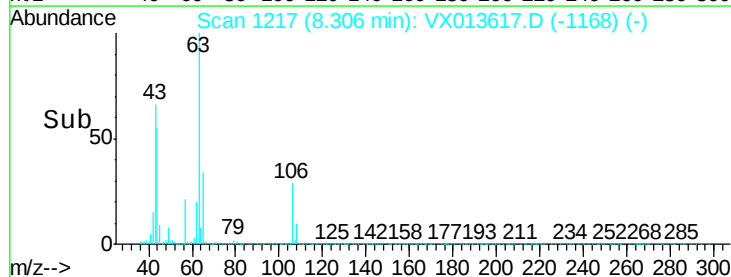
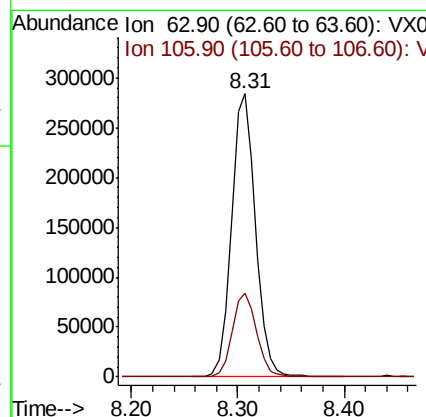
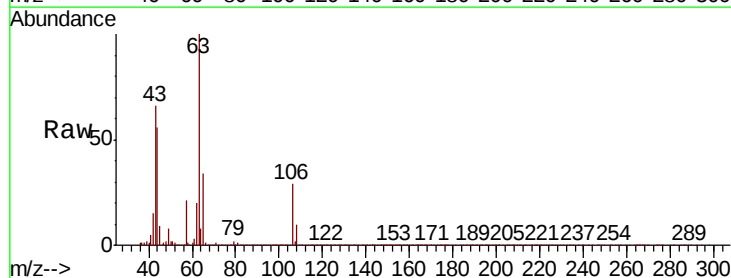
Acq: 26 Nov 2019 23:12

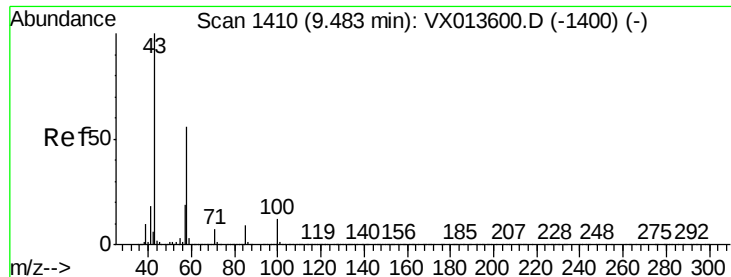
Tgt Ion: 63 Resp: 446815

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.0





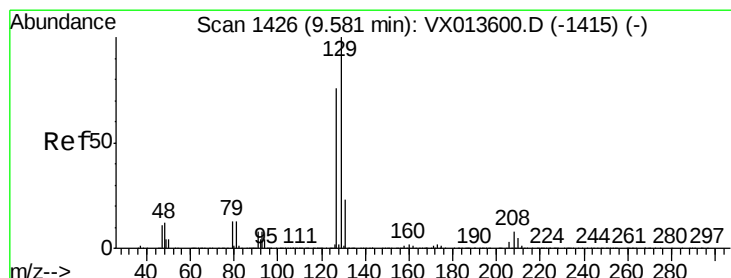
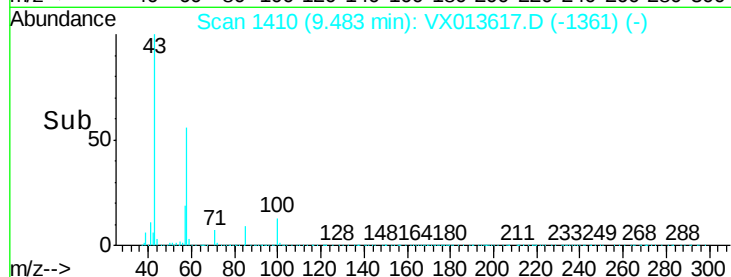
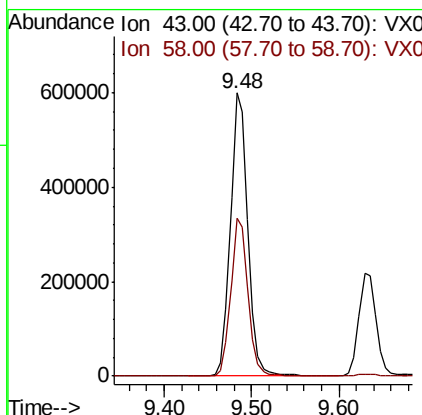
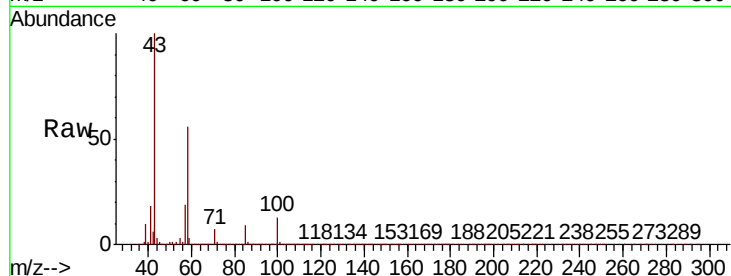
#59
2-Hexanone
Concen: 94.685 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	28.1	84.4

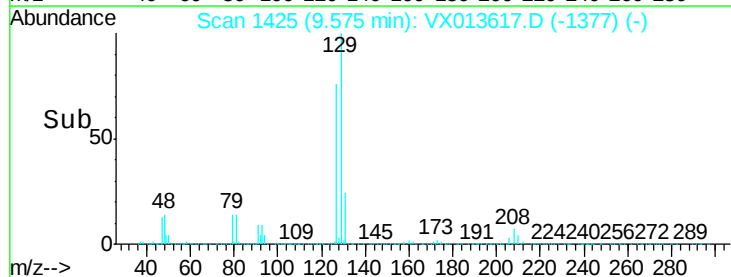
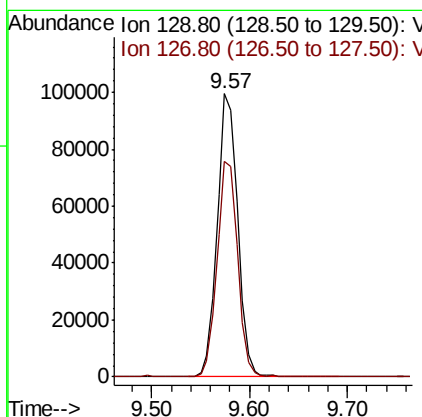
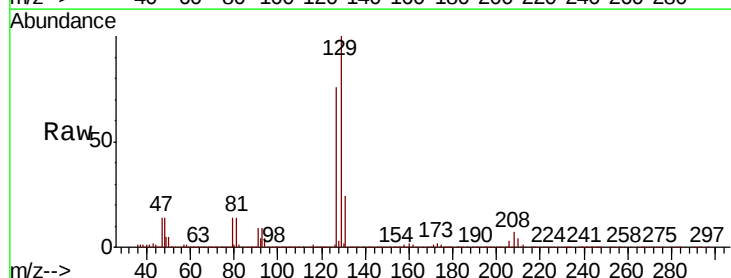
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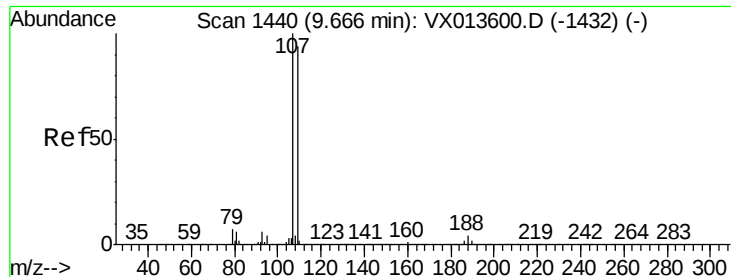
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#60
Dibromochloromethane
Concen: 18.947 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.248 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 107 Resp: 151371

Ion Ratio Lower Upper

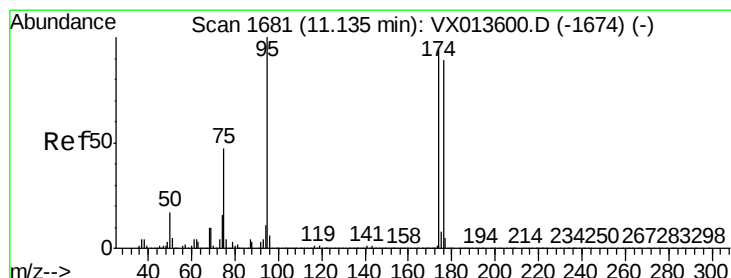
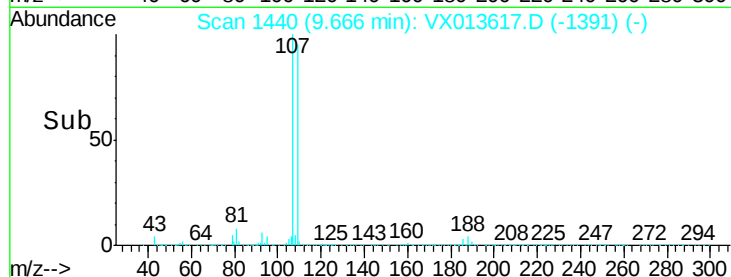
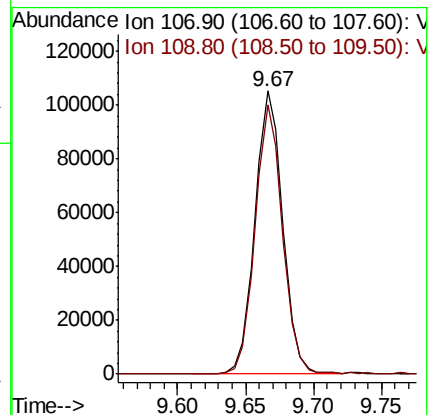
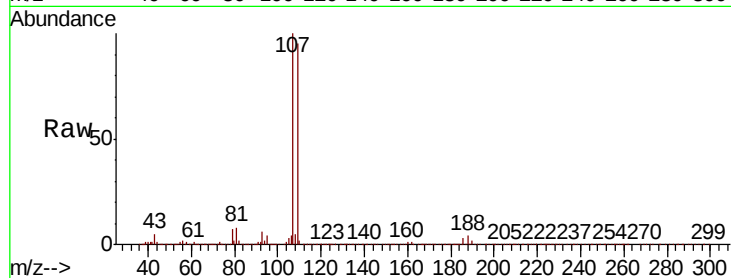
107 100

109 93.1 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 44.727 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

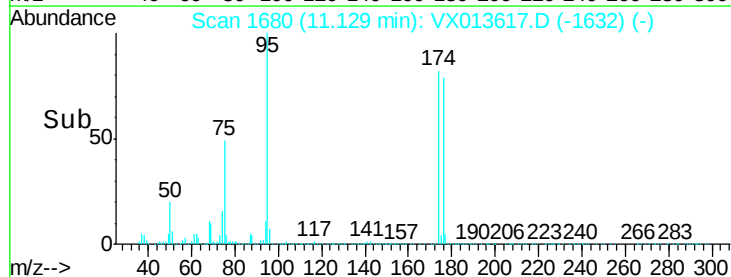
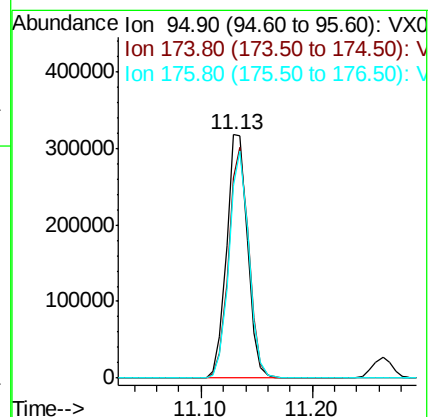
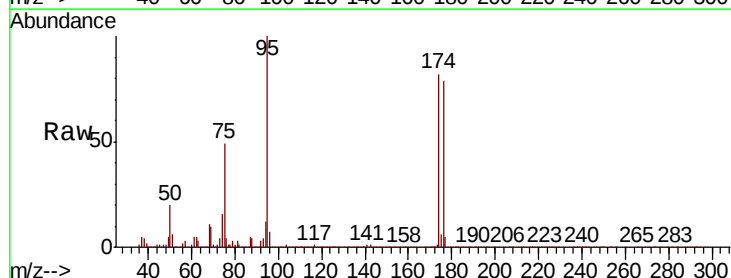
Tgt Ion: 95 Resp: 413282

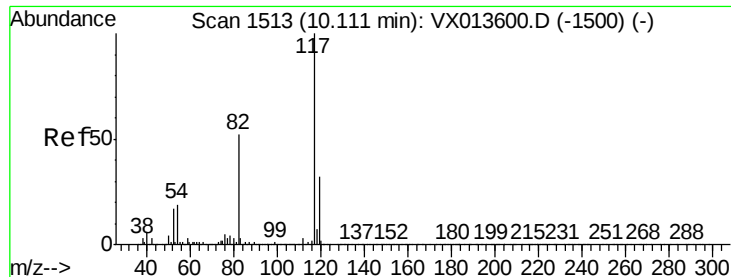
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

176 88.0 0.0 173.6





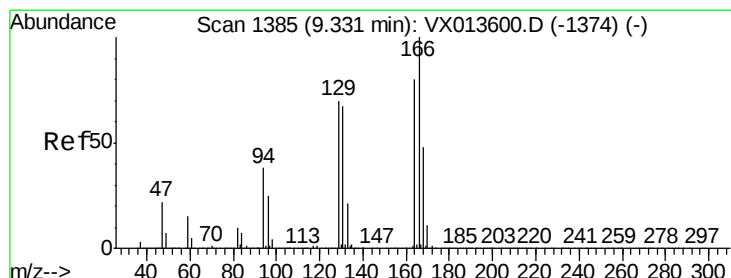
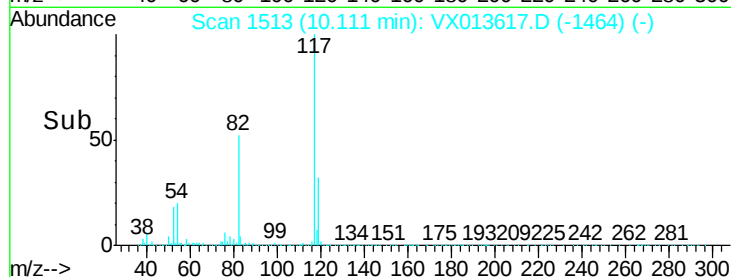
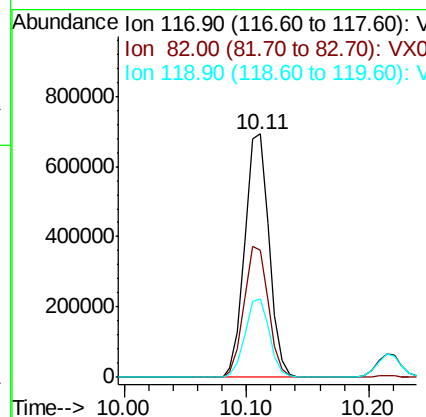
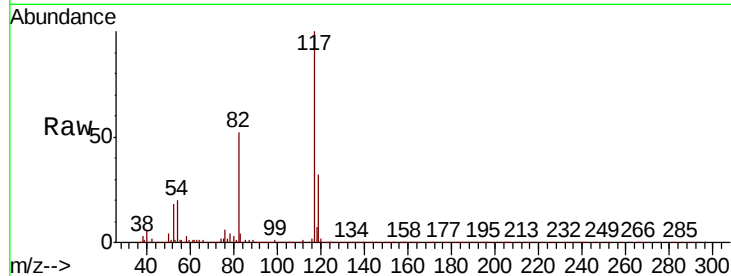
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.8
119	32.1	25.8	38.8

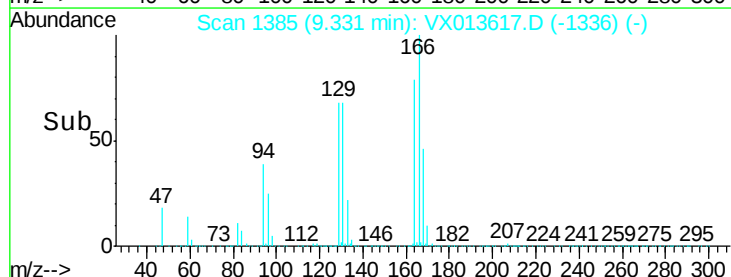
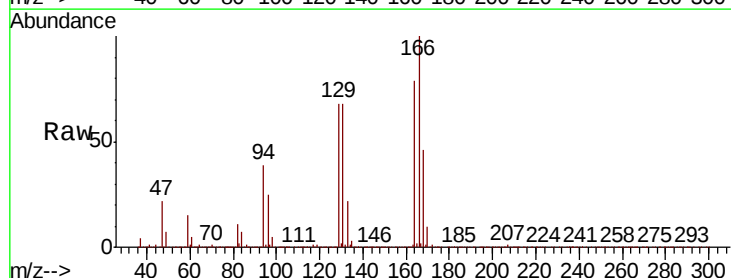
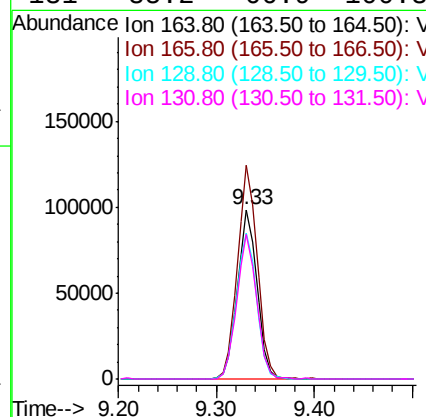
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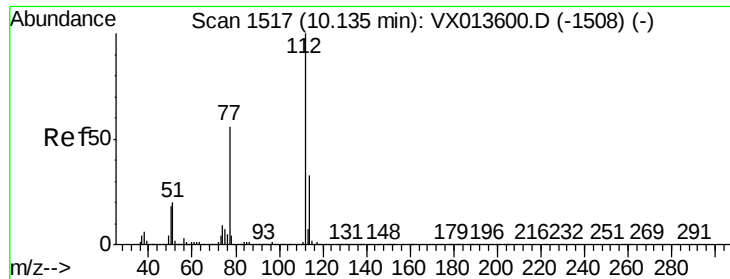
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#64
Tetrachloroethene
Concen: 19.344 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	99.7	149.5
129	86.3	70.1	105.1
131	85.2	66.9	100.3





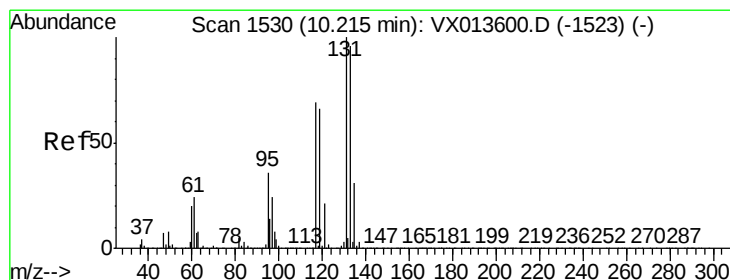
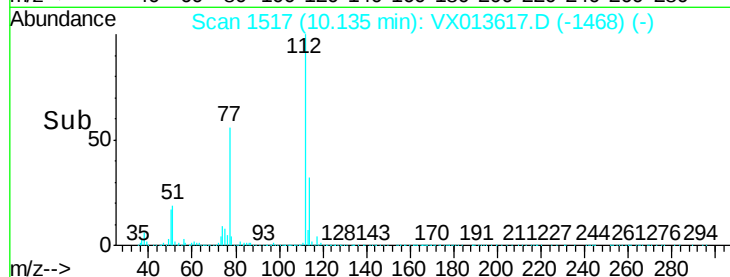
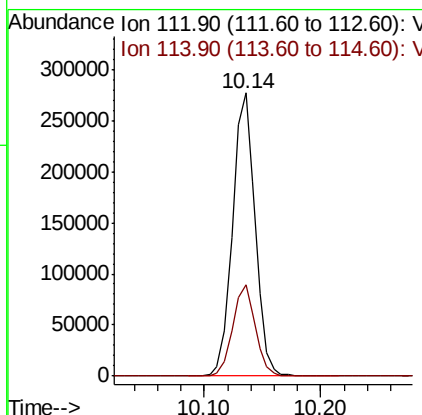
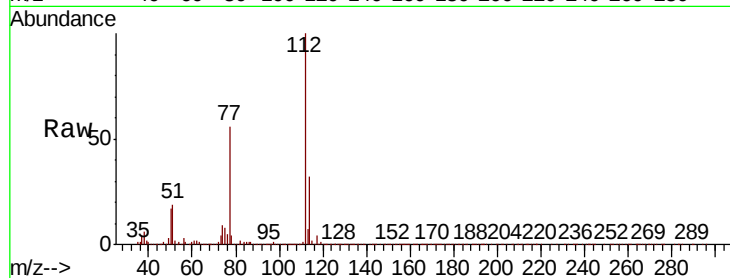
#65
Chlorobenzene
Concen: 18.903 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.1	39.1

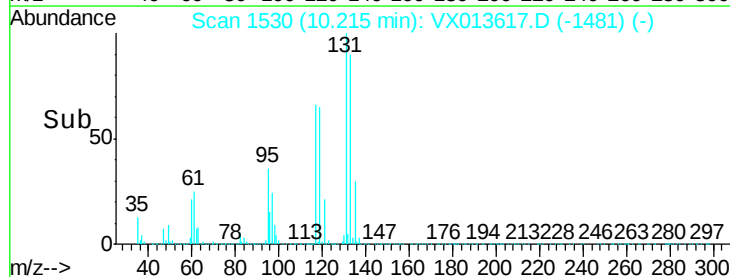
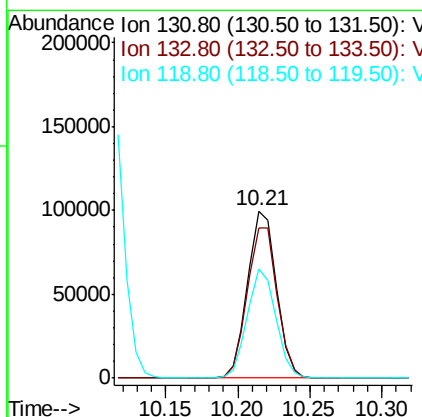
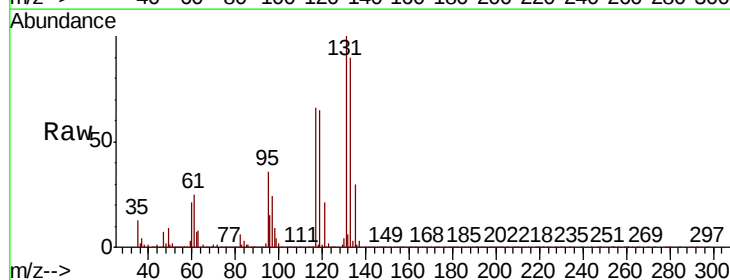
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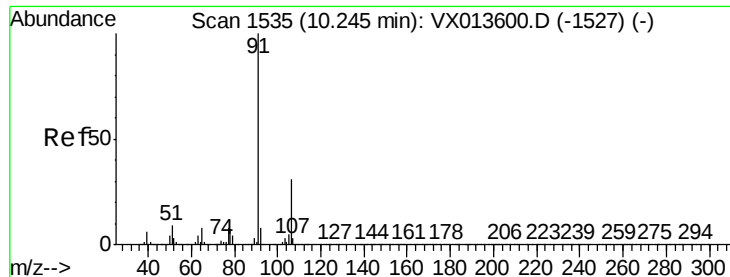
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.413 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.7	143.1
119	64.8	32.9	98.6





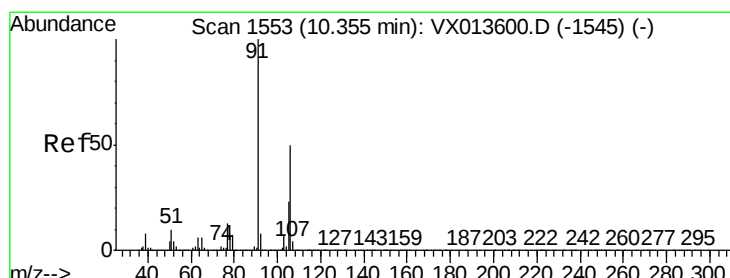
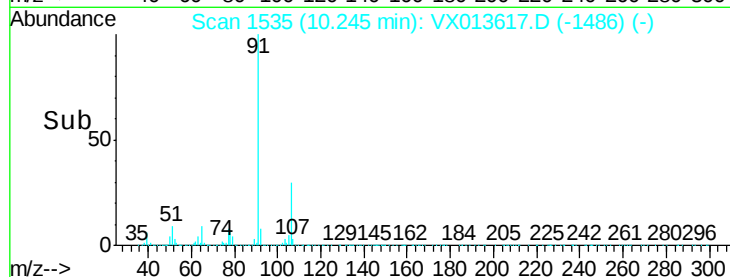
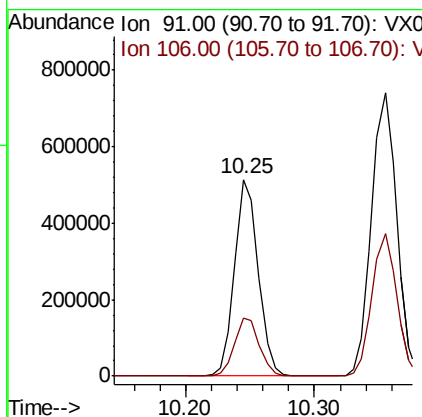
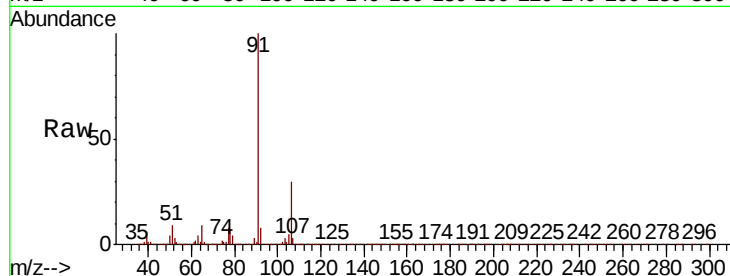
#67
Ethyl Benzene
Concen: 19.509 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion: 91 Resp: 661870
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

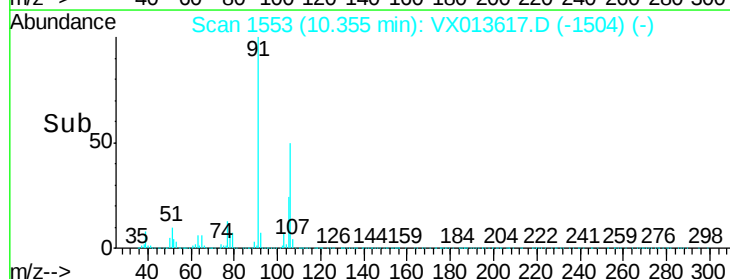
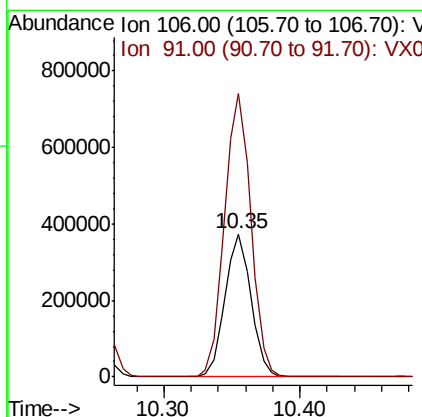
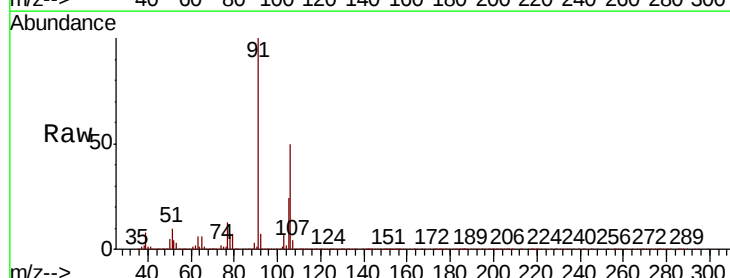
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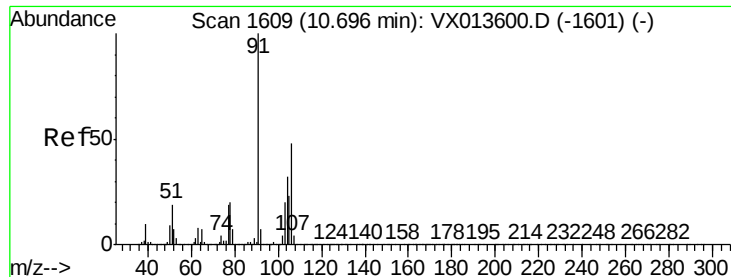
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#68
m/p-Xylenes
Concen: 38.228 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion: 106 Resp: 496554
Ion Ratio Lower Upper
106 100
91 201.3 159.0 238.4





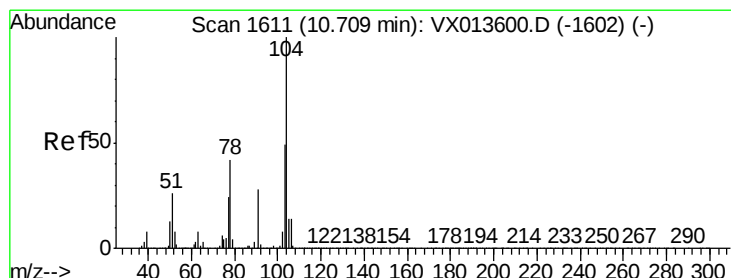
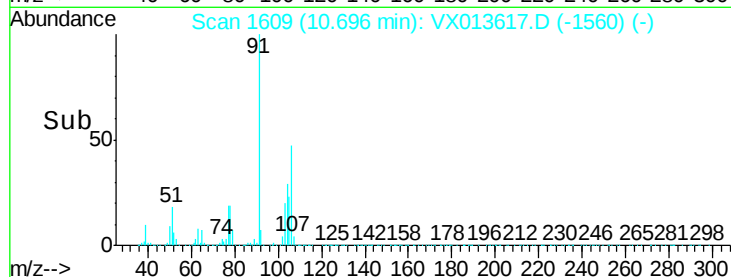
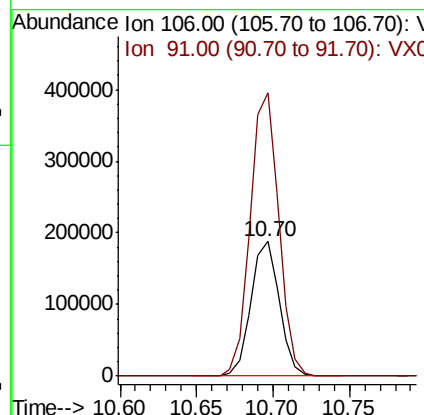
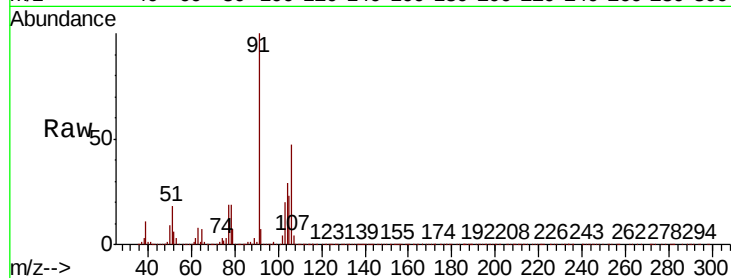
#69
o-Xylene
Concen: 19.043 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion:106 Resp: 241243
Ion Ratio Lower Upper
106 100
91 212.2 104.1 312.2

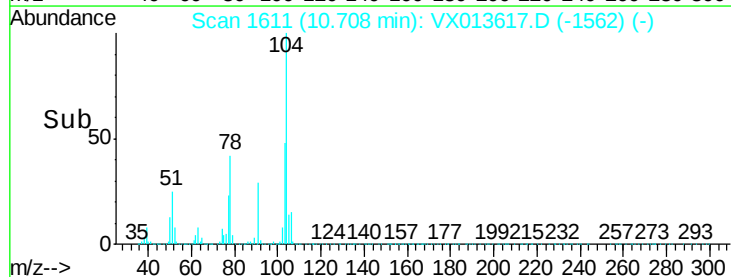
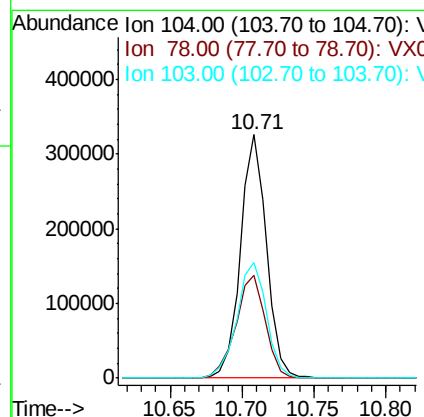
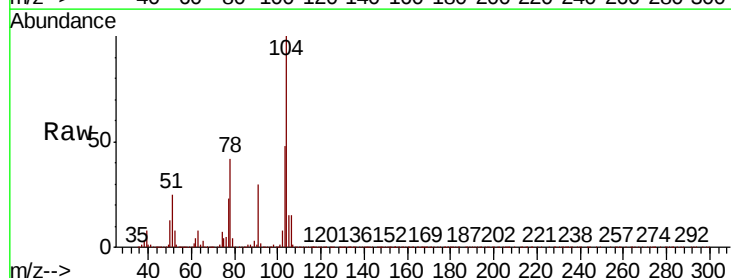
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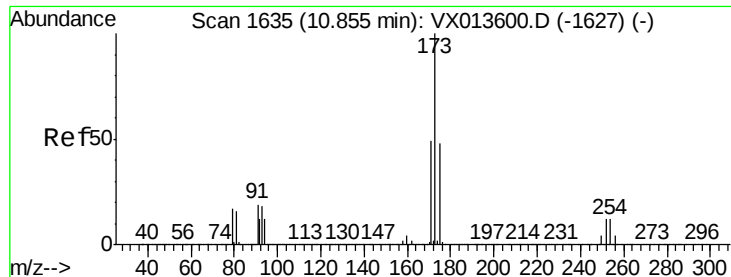
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#70
Styrene
Concen: 19.211 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion:104 Resp: 409392
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 18.488 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion:173 Resp: 108452

Ion Ratio Lower Upper

173 100

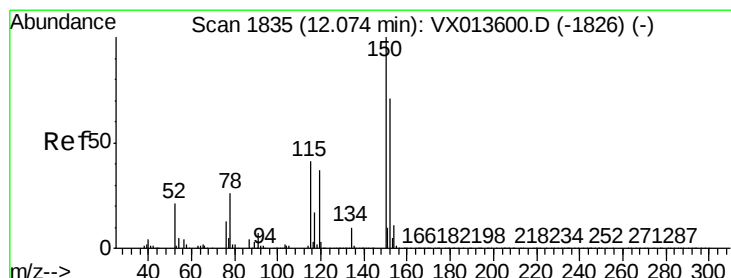
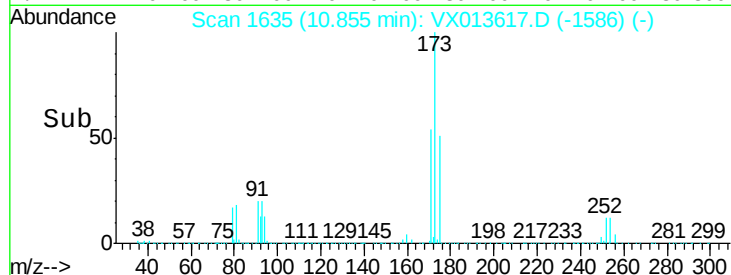
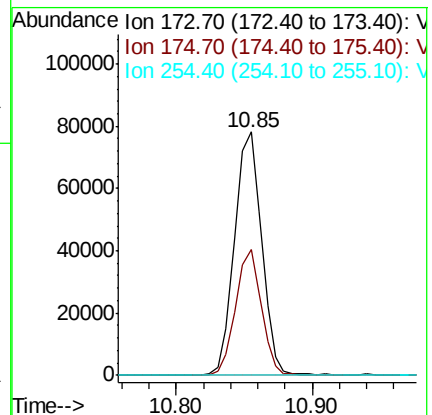
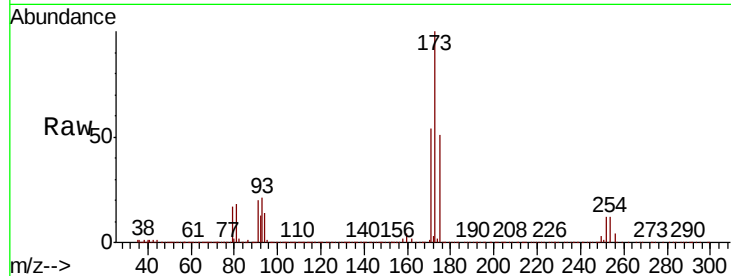
175 48.6 24.3 72.8

254 0.2 0.2 0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

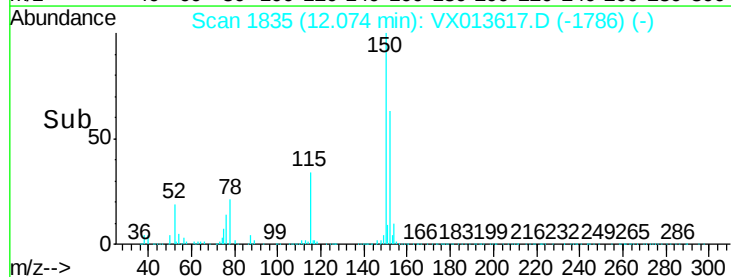
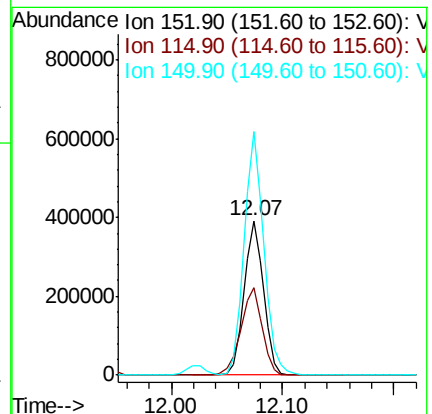
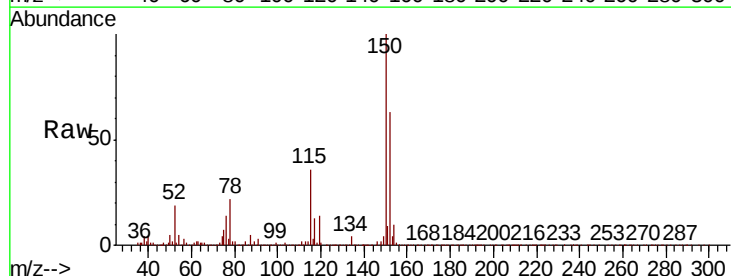
Tgt Ion:152 Resp: 468280

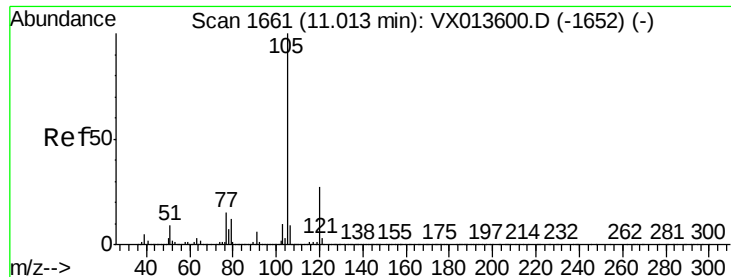
Ion Ratio Lower Upper

152 100

115 62.4 38.4 115.1

150 161.2 0.0 346.8





#73

Isopropylbenzene

Concen: 19.466 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 105 Resp: 639415

Ion Ratio Lower Upper

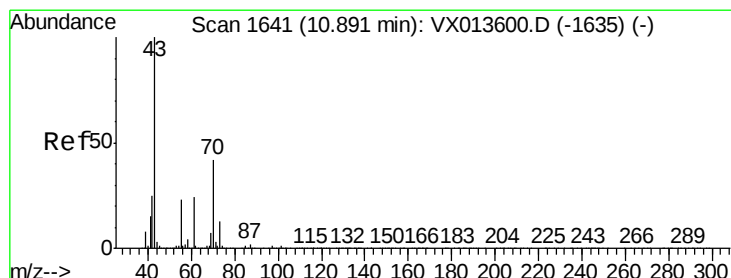
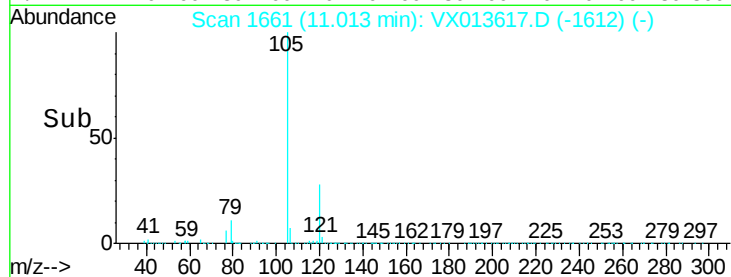
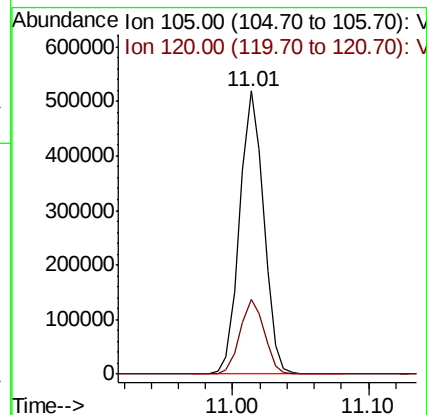
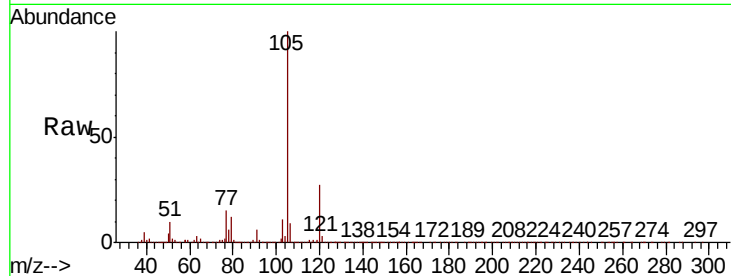
105 100

120 26.7 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.491 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion: 43 Resp: 293291

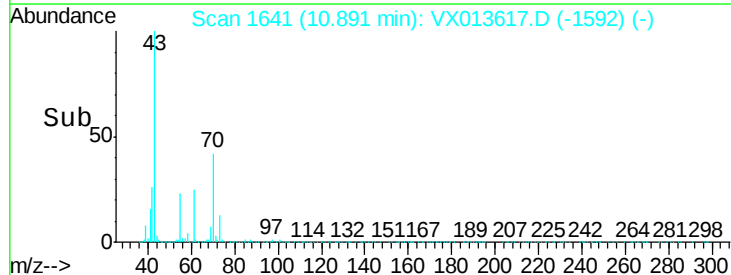
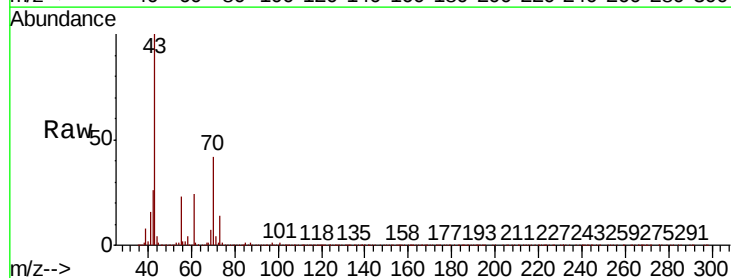
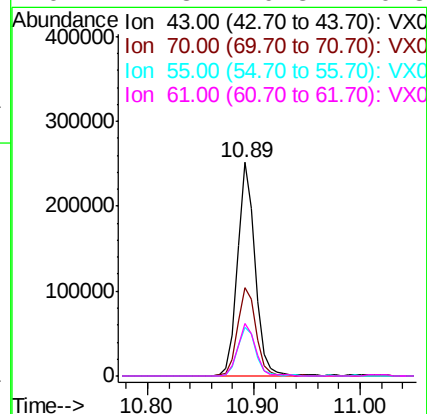
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.9 18.5 27.7

61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.758 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

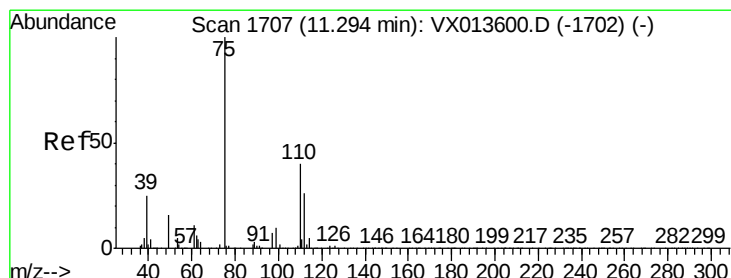
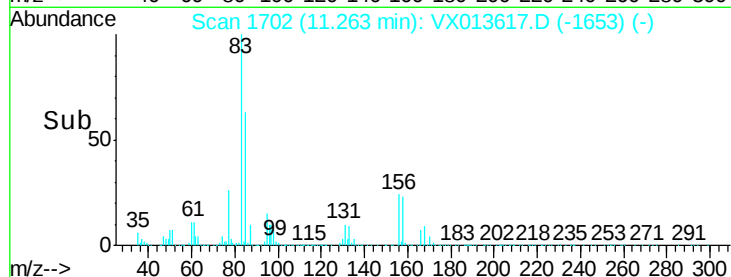
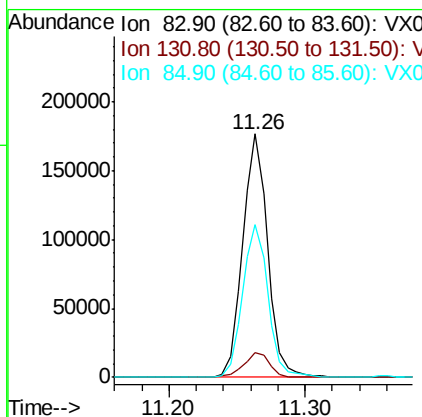
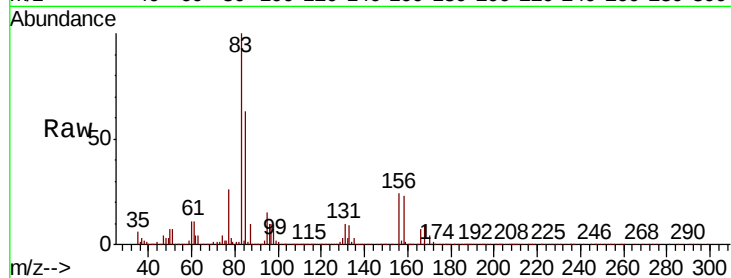
ClientSampleId :

VX1126WBS02

Tot Ion:	83	Resp:	225075
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	64.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 16.998 ug/l m

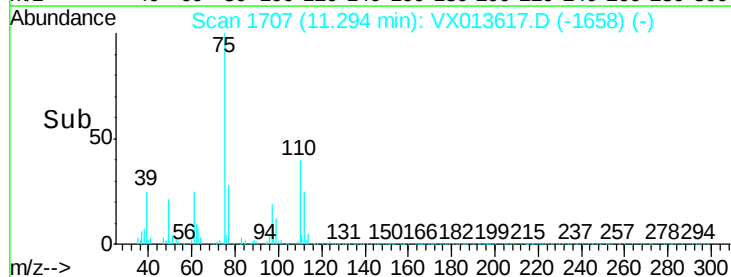
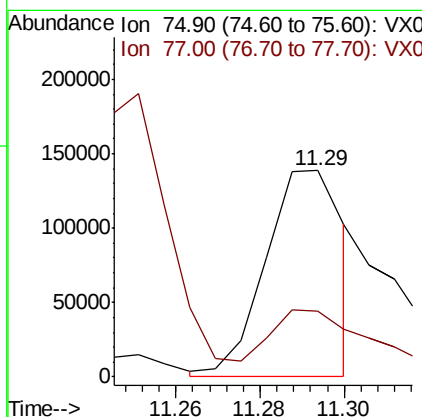
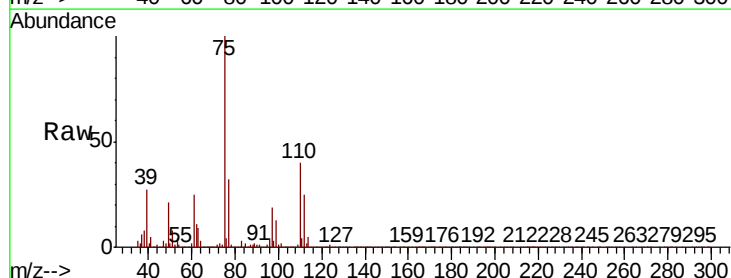
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion:	75	Resp:	179030
Ion Ratio	Lower	Upper	
75	100		
77	42.8	19.1	57.5





#77

Bromobenzene

Concen: 19.155 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

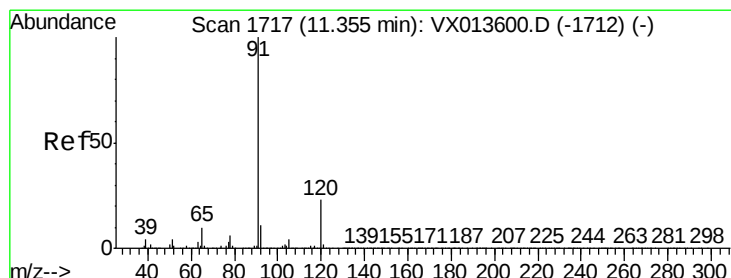
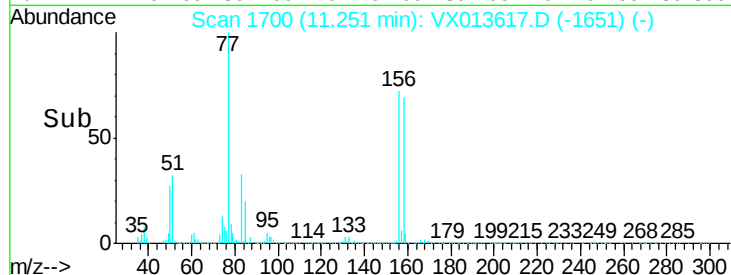
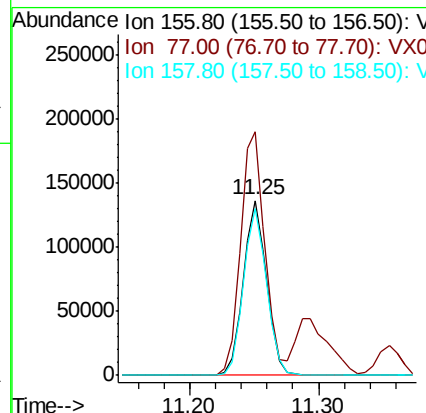
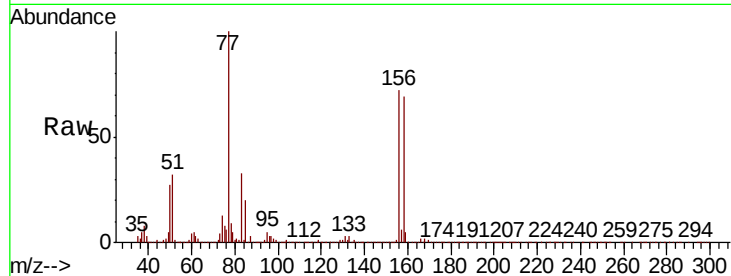
ClientSampled :

VX1126WBS02

Tot Ion:	156	Resp:	169986
Ion Ratio	Lower	Upper	
156	100		
77	146.4	74.4	223.1
158	95.8	48.9	146.6

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#78

n-propylbenzene

Concen: 19.400 ug/l

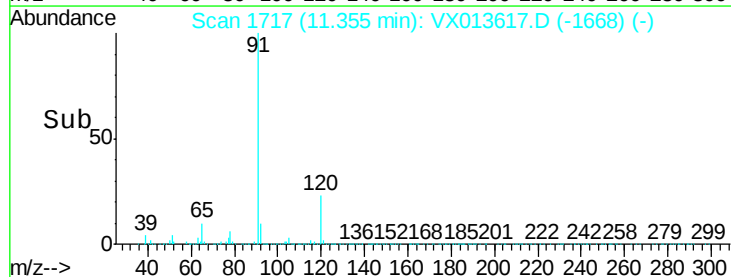
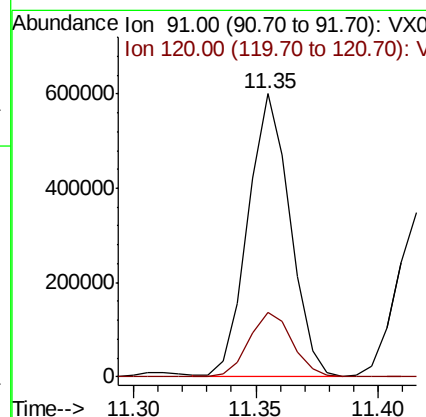
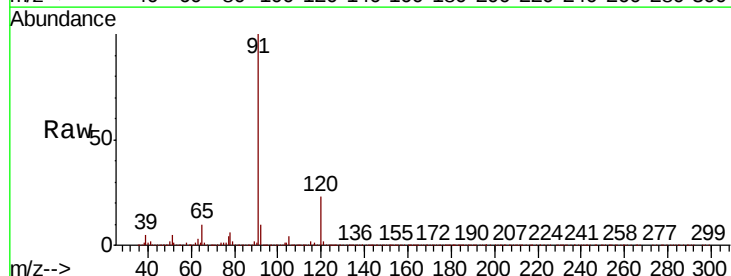
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Tgt Ion:	91	Resp:	711356
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.466 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013617.D

Acq: 26 Nov 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tot Ion: 91 Resp: 428185

Ion Ratio Lower Upper

91 100

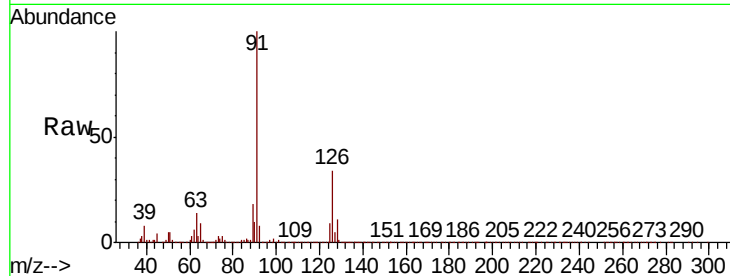
126 35.0 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX013617.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013617.D (-1678) (-)

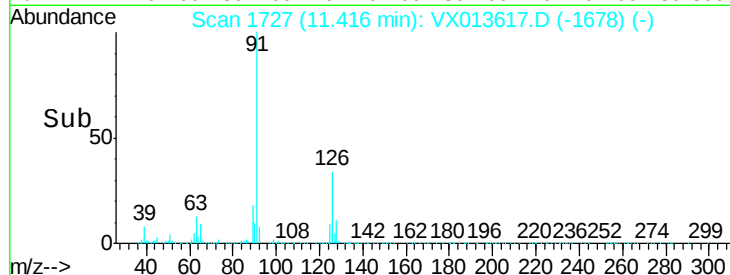
600000

400000

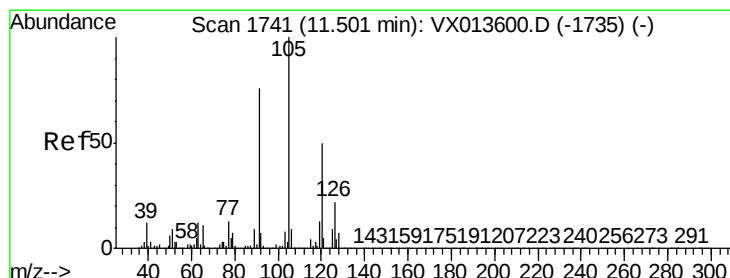
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.634 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013617.D

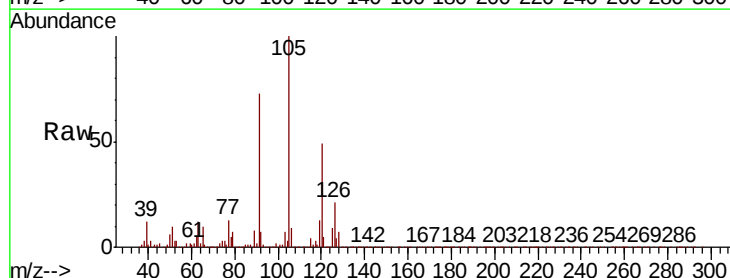
Acq: 26 Nov 2019 23:12

Tgt Ion: 105 Resp: 528589

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013617.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013617.D (-1692) (-)

500000

400000

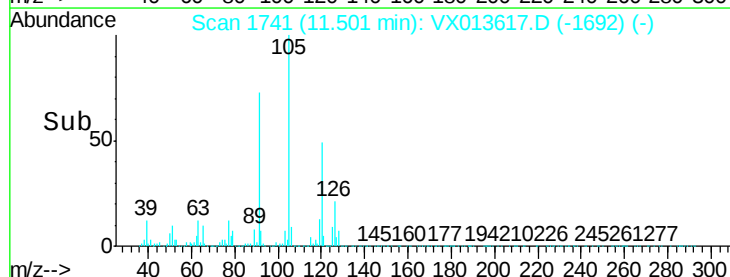
300000

200000

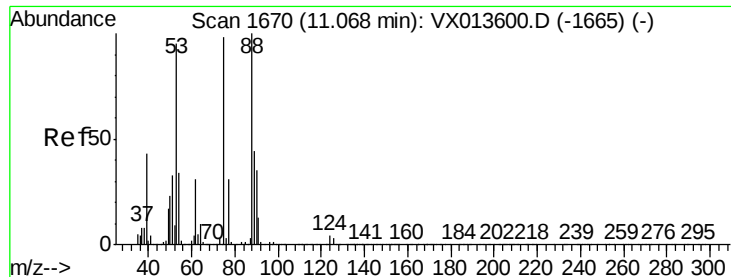
100000

0

11.45 11.50 11.55 11.60



Time-->



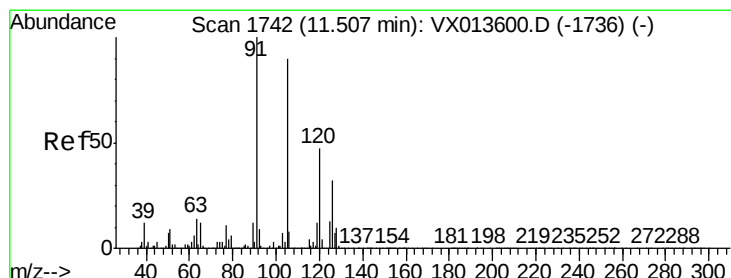
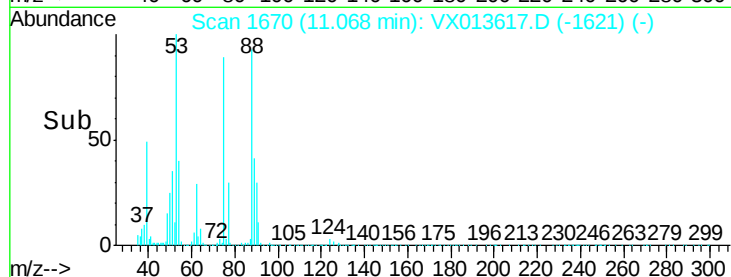
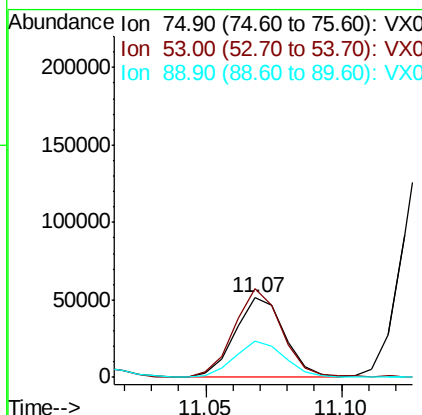
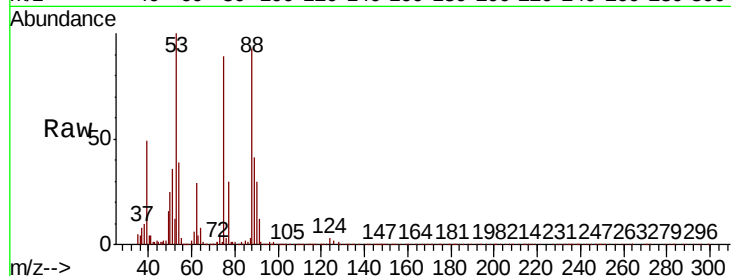
#81
trans-1,4-Dichloro-2-butene
Concen: 16.484 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.4	78.2	117.2
89	48.7	35.4	53.2

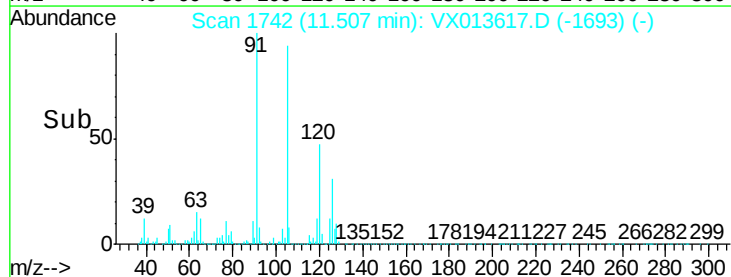
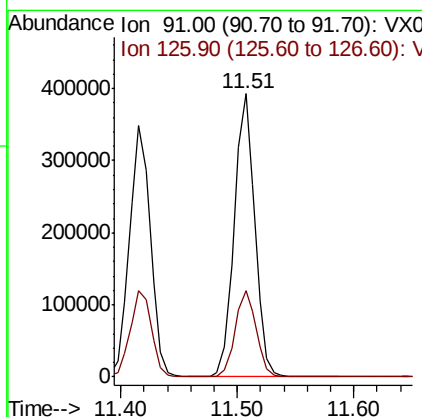
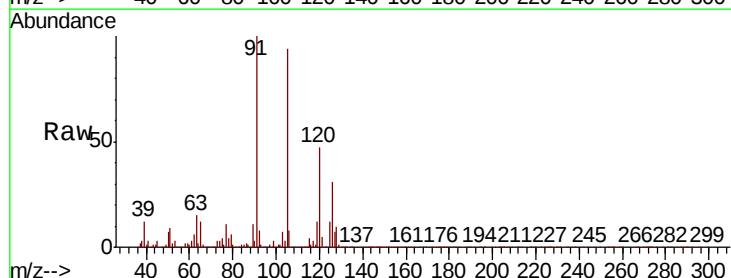
Manual Integrations
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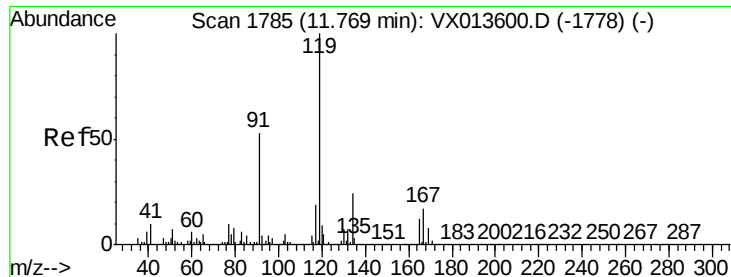
apatel
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#82
4-Chlorotoluene
Concen: 18.996 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





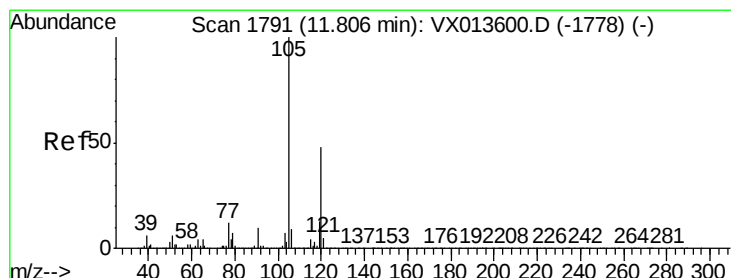
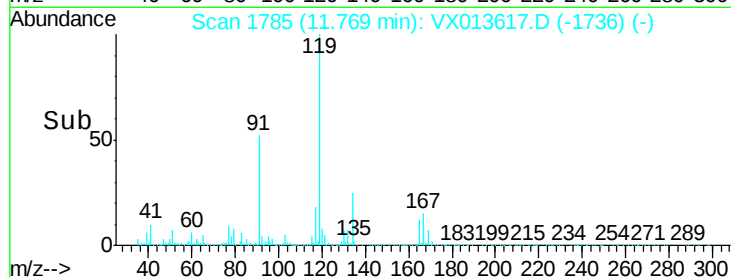
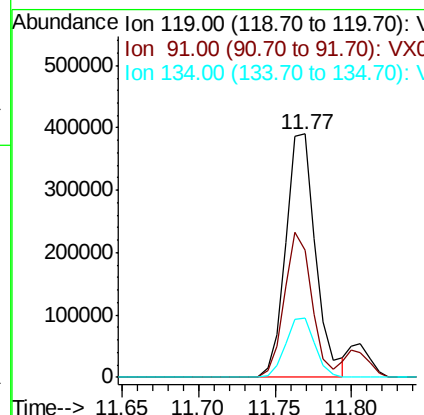
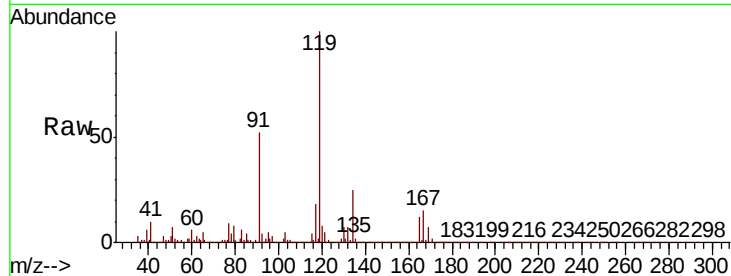
#83
tert-Butylbenzene
Concen: 19.380 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.3	27.2	81.6
134	23.9	11.7	35.1

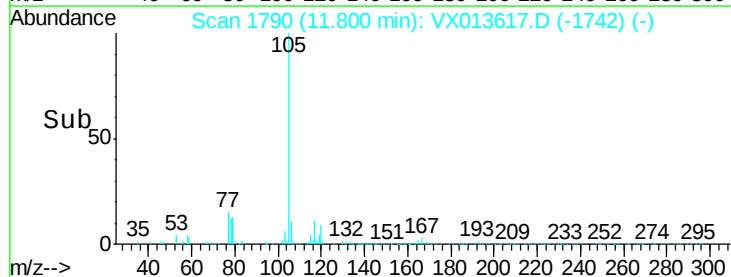
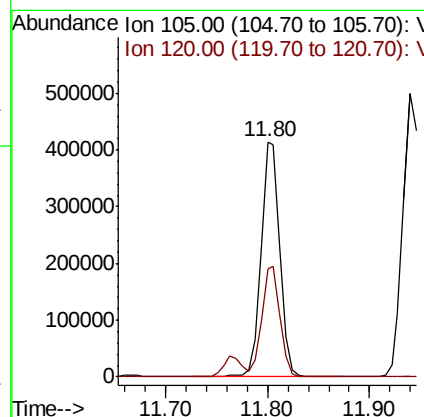
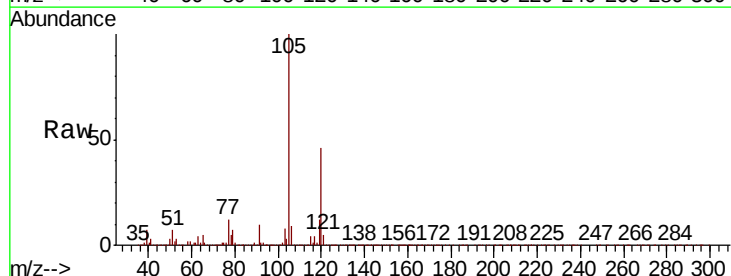
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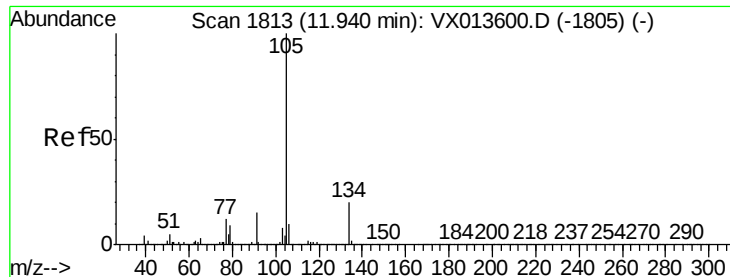
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#84
1,2,4-Trimethylbenzene
Concen: 19.637 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





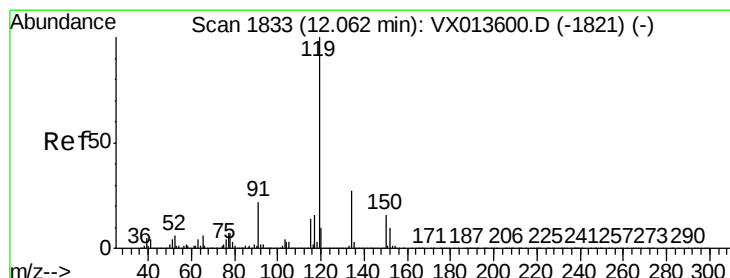
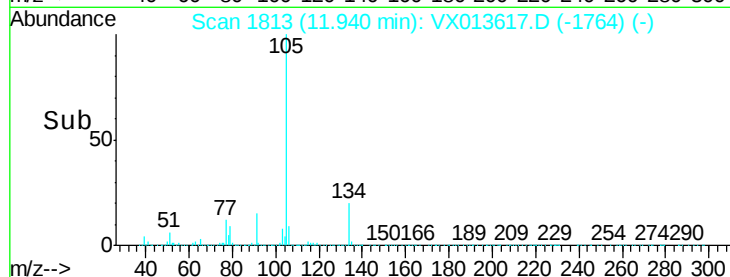
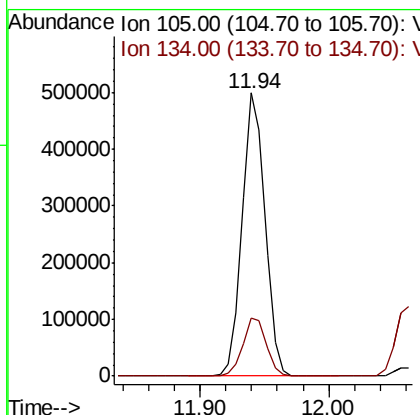
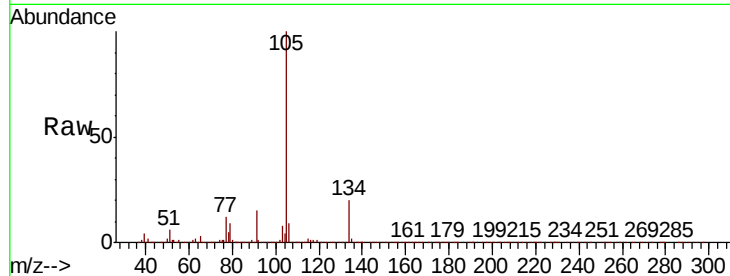
#85
 sec-Butylbenzene
 Concen: 19.560 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

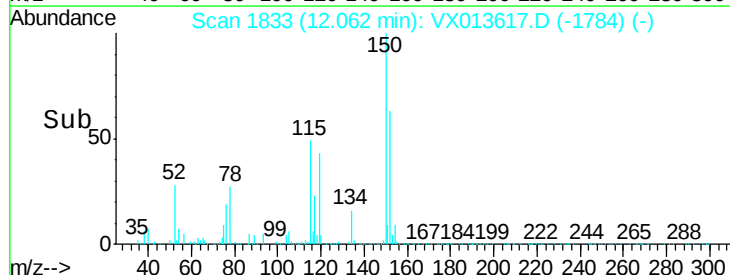
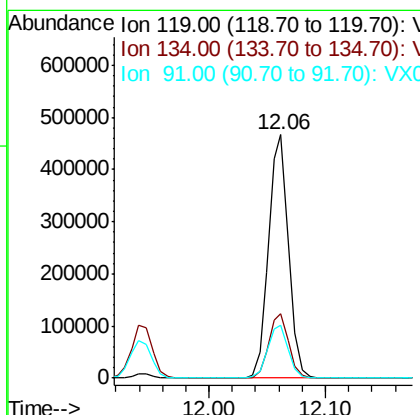
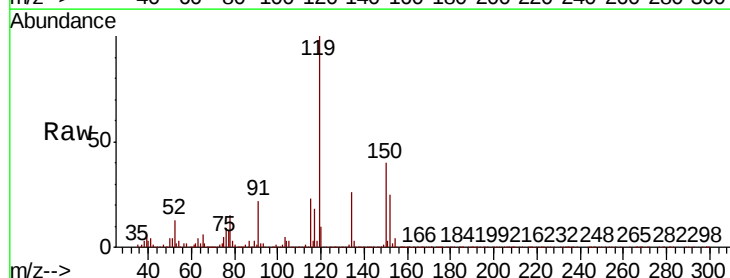
Manual Integrations
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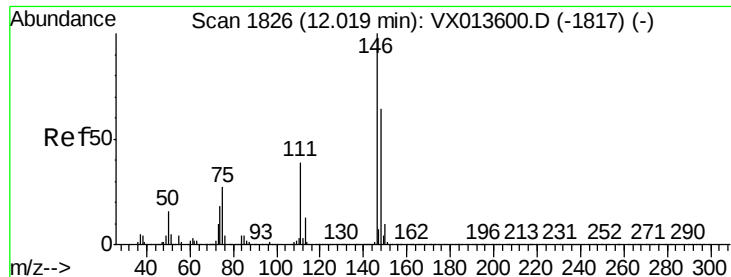
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#86
 p-Isopropyltoluene
 Concen: 19.119 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.3	39.9
91	22.4	11.3	33.8





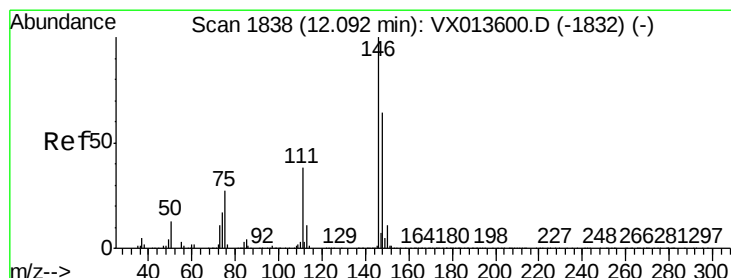
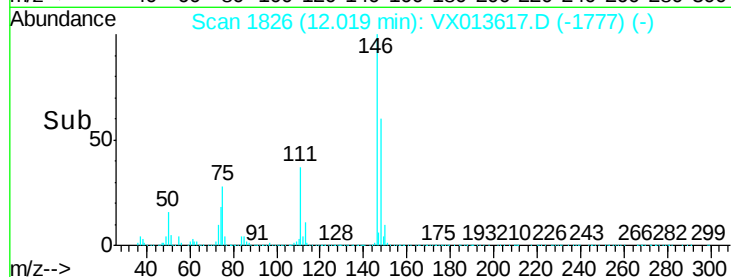
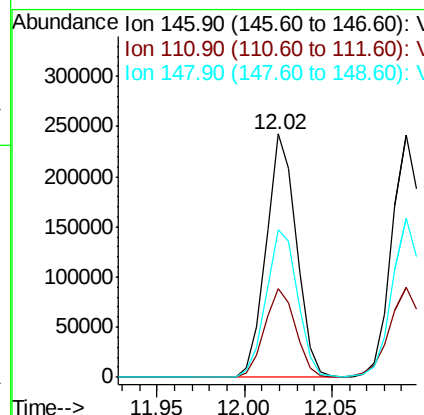
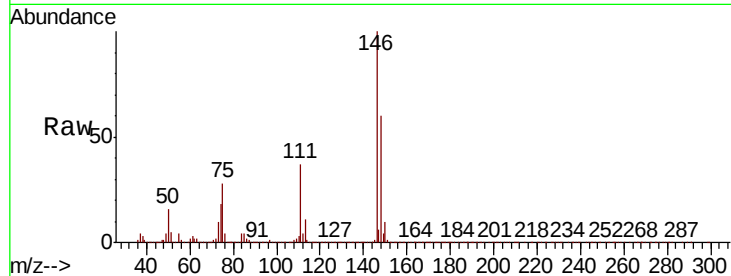
#87
 1,3-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	63.1	31.8	95.4

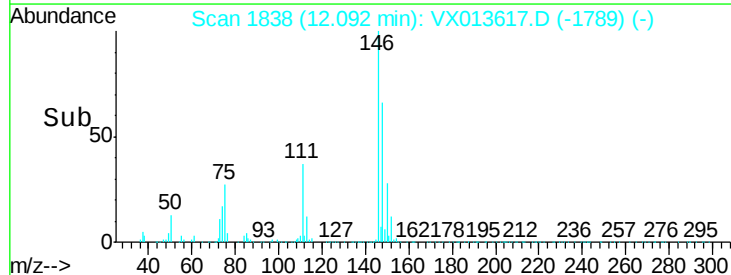
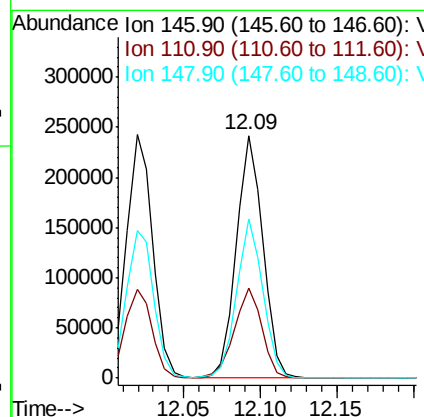
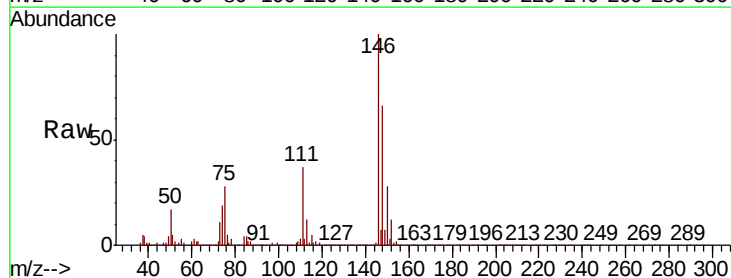
Manual Integrations
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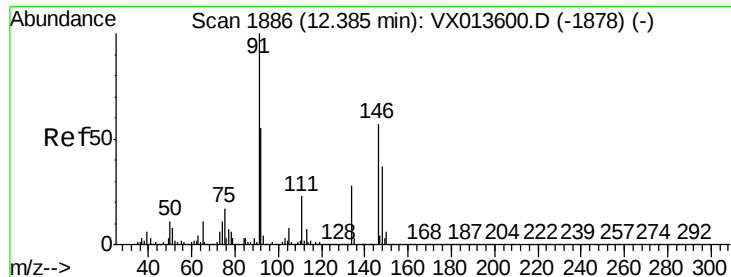
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#88
 1,4-Dichlorobenzene
 Concen: 18.403 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	65.1	31.9	95.5





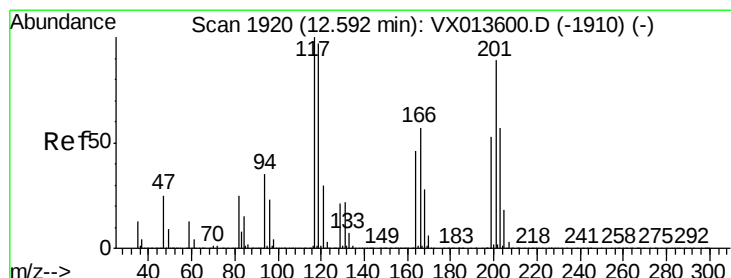
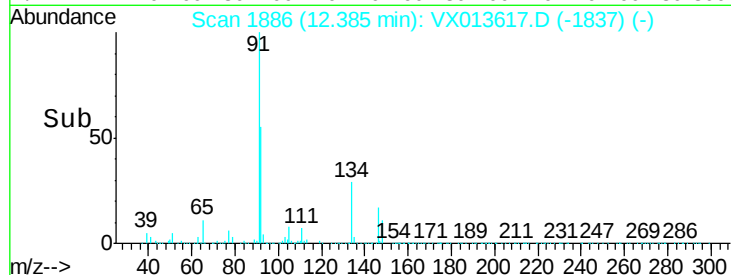
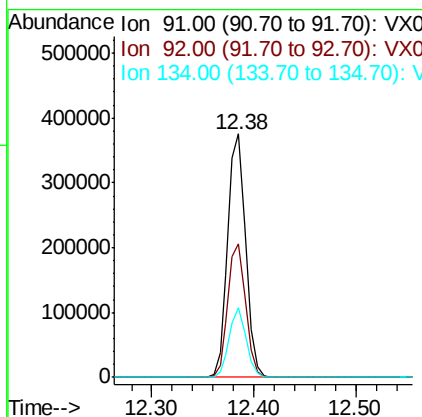
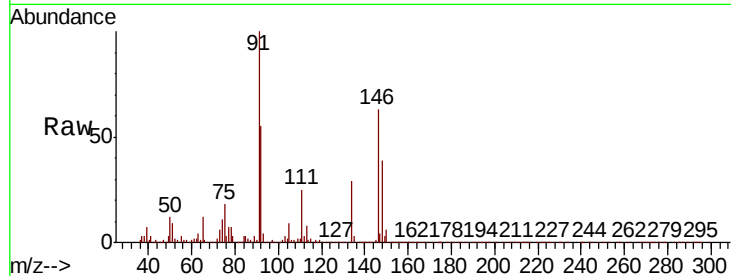
#89
n-Butylbenzene
Concen: 18.328 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	27.2	13.5	40.4

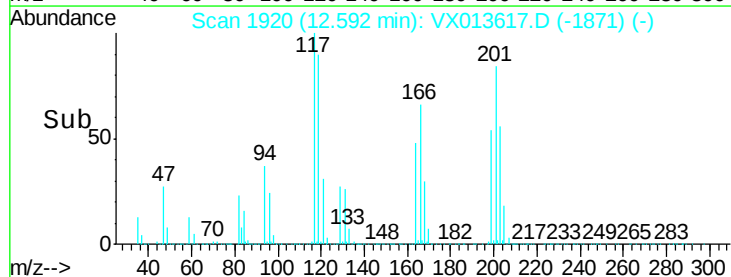
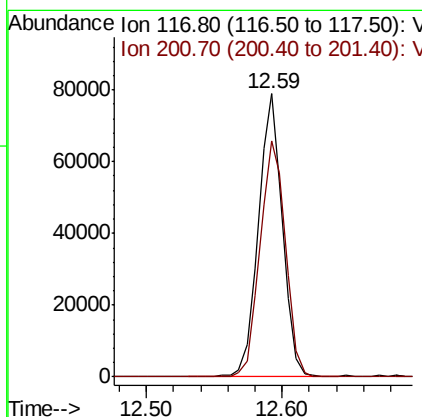
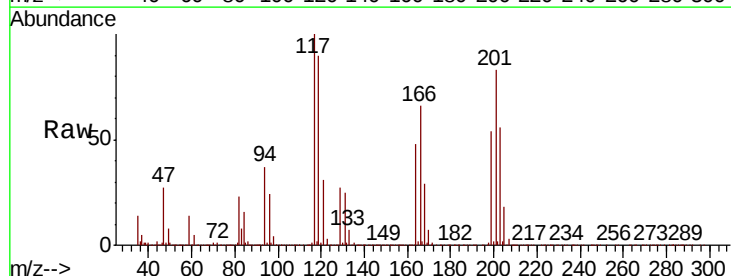
Manual Integrations
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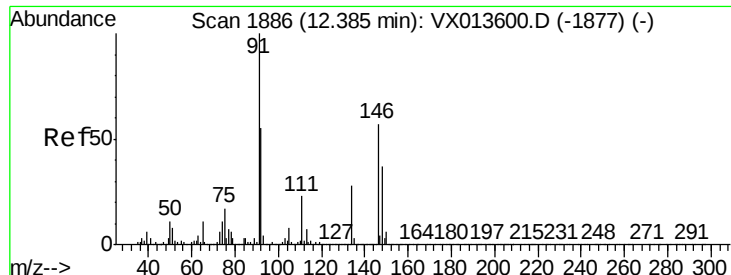
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#90
Hexachloroethane
Concen: 18.515 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	44.1	132.4





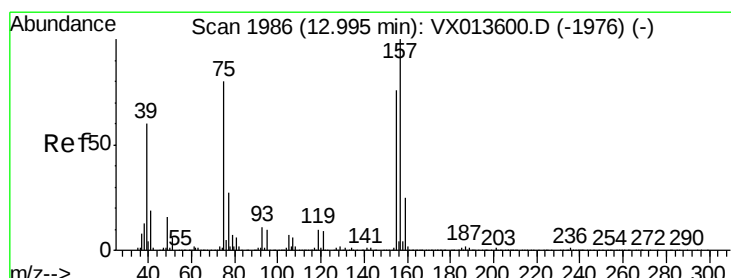
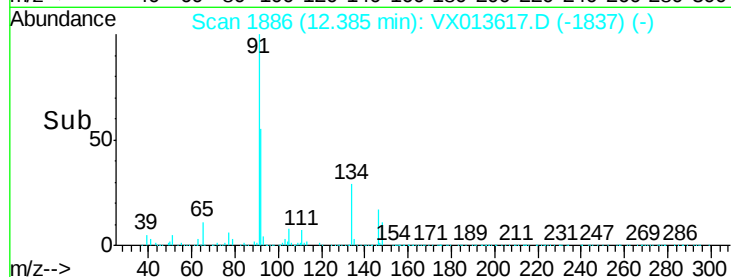
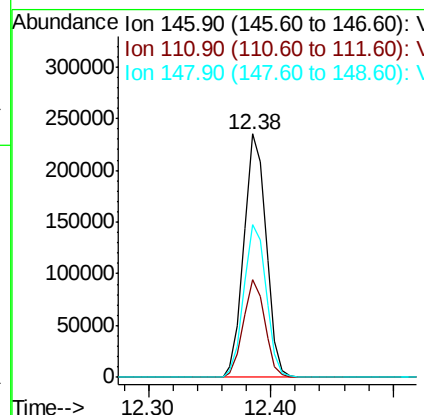
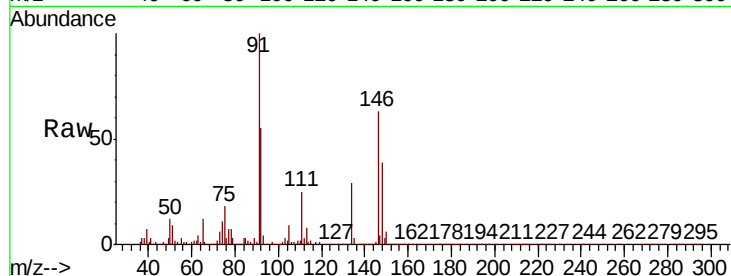
#91
 1,2-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	63.4	31.9	95.7

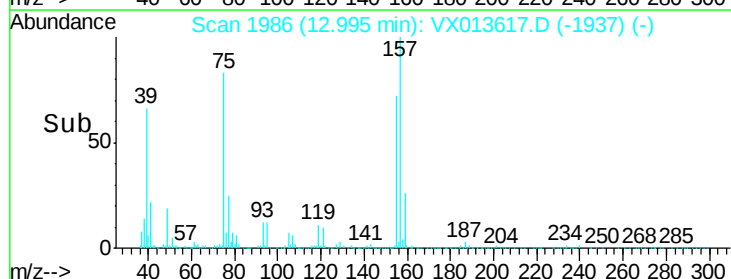
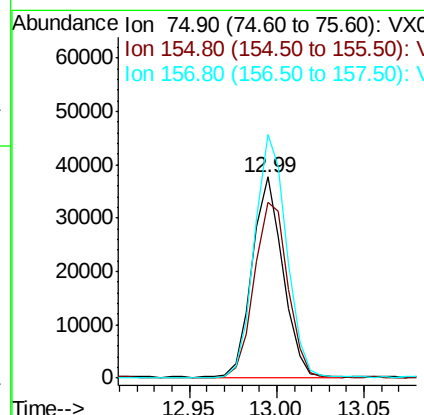
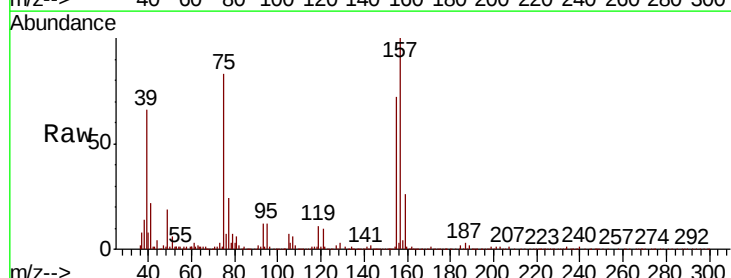
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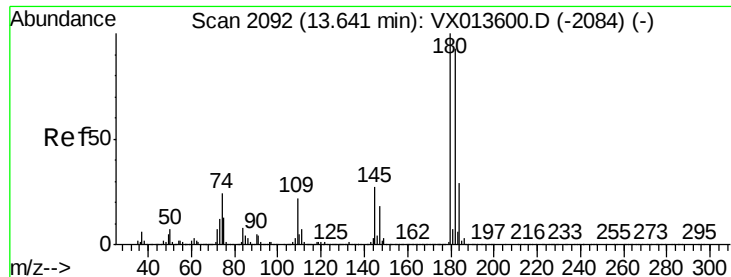
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.434 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	47.6	142.8
157	128.6	62.1	186.2





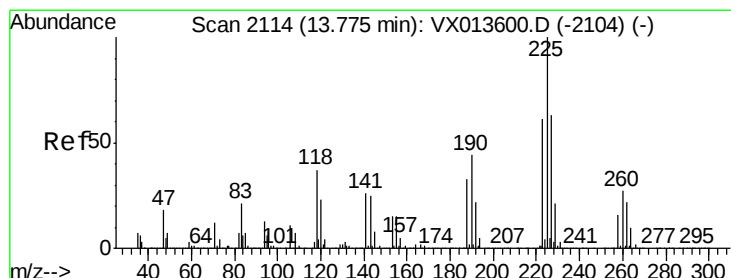
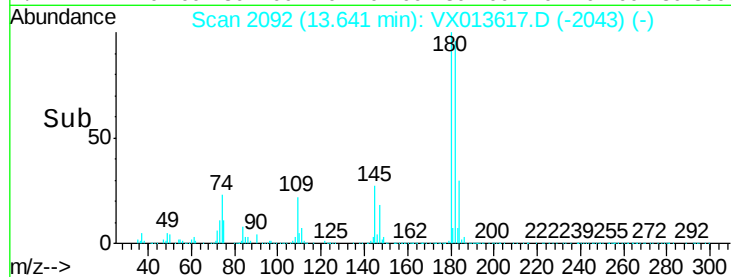
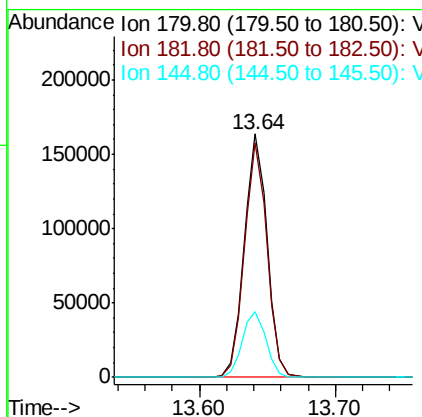
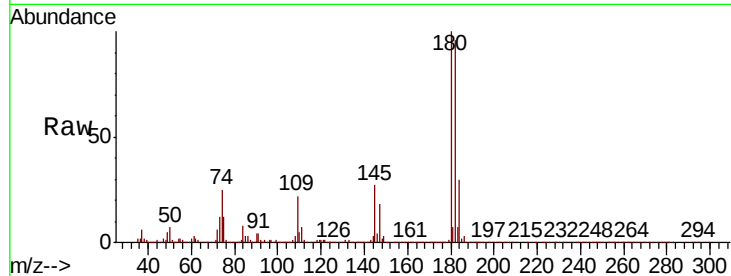
#93
 1,2,4-Trichlorobenzene
 Concen: 18.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192398		
182	95.2	47.2	141.6	
145	28.0	13.8	41.4	

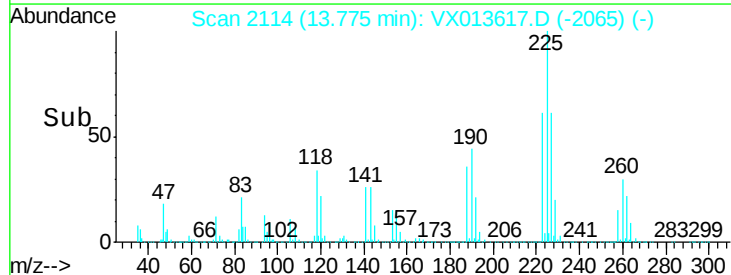
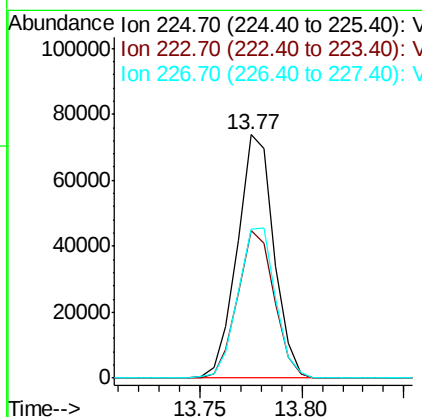
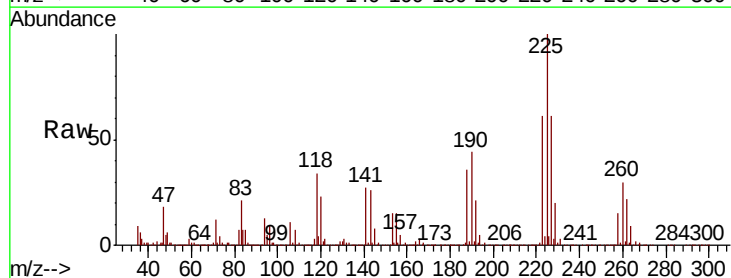
Manual Integrations
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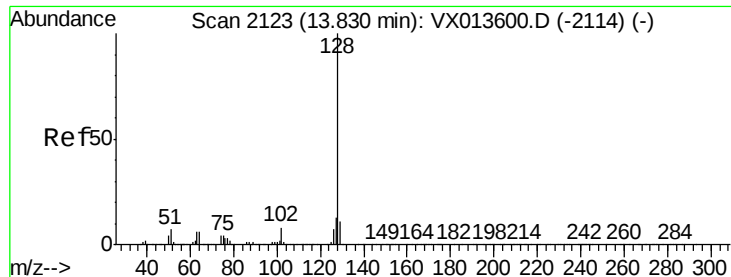
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#94
 Hexachlorobutadiene
 Concen: 17.889 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013617.D
 Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91534		
223	61.1	31.9	95.5	
227	63.5	32.1	96.3	





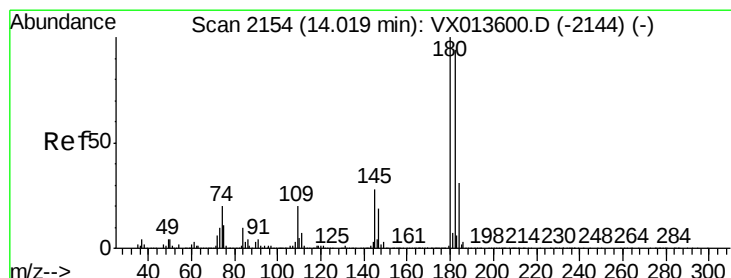
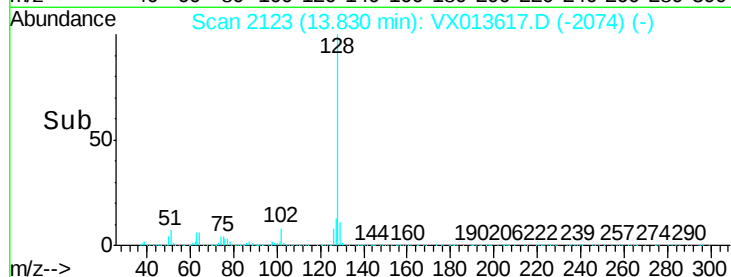
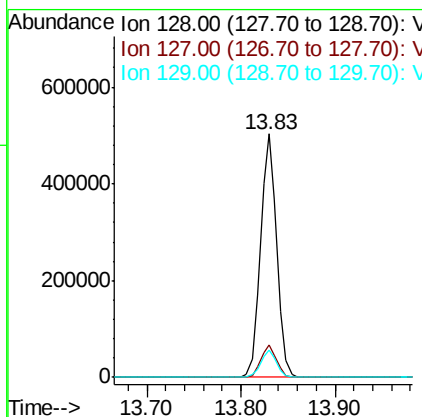
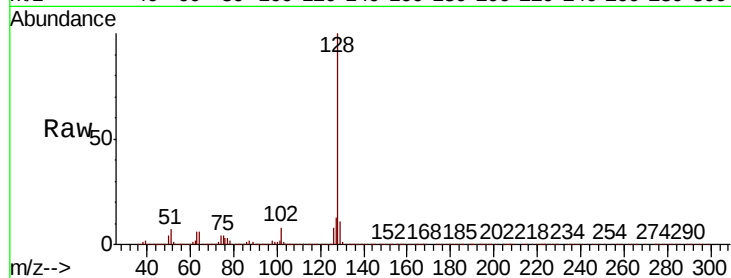
#95
Naphthalene
Concen: 19.277 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/27/2019 3:47:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.398 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013617.D
Acq: 26 Nov 2019 23:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.8
145	29.1	15.0	45.0

