

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013602.D
 Acq On : 26 Nov 2019 15:28
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
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Quant Time: Nov 26 15:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	666696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1043979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	956832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	518047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	1117441	143.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.46%	
35) Dibromofluoromethane	5.49	113	951494	147.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.30%	
50) Toluene-d8	8.71	98	3588831	146.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.86%	
62) 4-Bromofluorobenzene	11.14	95	1382403	156.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1141979	150.310	ug/l	100
3) Chloromethane	1.31	50	1225983	148.224	ug/l	100
4) Vinyl Chloride	1.40	62	1399553	148.925	ug/l	99
5) Bromomethane	1.62	94	932997	144.723	ug/l	97
6) Chloroethane	1.70	64	743758	124.443	ug/l	97
7) Trichlorofluoromethane	1.91	101	1486149	135.062	ug/l	100
8) Diethyl Ether	2.18	74	682847	139.874	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	904382	145.378	ug/l	98
10) Methyl Iodide	2.50	142	1225089	158.633	ug/l	100
11) Tert butyl alcohol	3.06	59	1389647	679.358	ug/l	99
12) 1,1-Dichloroethene	2.36	96	934540	153.156	ug/l	99
13) Acrolein	2.28	56	973849	848.247	ug/l	98
14) Allyl chloride	2.72	41	1717644	154.481	ug/l	99
15) Acrylonitrile	3.14	53	2897387	752.091	ug/l	99
16) Acetone	2.44	43	2634801	677.553	ug/l	99
17) Carbon Disulfide	2.55	76	2660601	161.858	ug/l	100
18) Methyl Acetate	2.76	43	1620322	150.256	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	3088863	152.297	ug/l	99
20) Methylene Chloride	2.84	84	1033957	142.560	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	1000245	150.587	ug/l	97
22) Diisopropyl ether	3.84	45	3269896	153.084	ug/l	98
23) Vinyl Acetate	3.81	43	13584061	745.606	ug/l	98
24) 1,1-Dichloroethane	3.69	63	1795948	150.256	ug/l	98
25) 2-Butanone	4.67	43	4217673	738.051	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1472486	154.226	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	1147342	154.073	ug/l	99
28) Bromochloromethane	5.01	49	710380	195.837	ug/l	99
29) Tetrahydrofuran	5.12	42	2666610	758.974	ug/l	99
30) Chloroform	5.20	83	1734210	147.128	ug/l	98
31) Cyclohexane	5.57	56	1645952	151.832	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	1523901	150.562	ug/l	99
36) 1,1-Dichloropropene	5.79	75	1358079	152.213	ug/l	99
37) Ethyl Acetate	4.83	43	1586450	145.003	ug/l	100
38) Carbon Tetrachloride	5.78	117	1321456	152.441	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1706566	152.834	ug/l	98
40) Benzene	6.14	78	4089380	147.046	ug/l	99
41) Methacrylonitrile	5.03	41	878707	143.285	ug/l	99
42) 1,2-Dichloroethane	6.18	62	1403041	141.749	ug/l	99
43) Isopropyl Acetate	6.43	43	2626913	153.892	ug/l	100
44) Trichloroethene	7.20	130	1130355	147.413	ug/l	99
45) 1,2-Dichloropropane	7.51	63	1069271	151.156	ug/l	97
46) Dibromomethane	7.65	93	698118	145.235	ug/l	99
47) Bromodichloromethane	7.89	83	1411276	155.409	ug/l	99
48) Methyl methacrylate	7.76	41	1319540	155.442	ug/l	99
49) 1,4-Dioxane	7.74	88	564677	2912.405	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	8114418	728.957	ug/l	98
52) Toluene	8.78	92	2578893	149.578	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1652022	165.743	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	1775428	158.944	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	1046644	147.088	ug/l	99
56) Ethyl methacrylate	9.17	69	1822532	165.453	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1775354	146.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	3447579	724.188	ug/l	99
59) 2-Hexanone	9.49	43	6532370	759.595	ug/l	100
60) Dibromochloromethane	9.58	129	1181373	162.259	ug/l	100
61) 1,2-Dibromoethane	9.67	107	1132261	150.239	ug/l	98
64) Tetrachloroethene	9.33	164	970452	142.160	ug/l	98
65) Chlorobenzene	10.14	112	2827066	146.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1070588	151.365	ug/l	99
67) Ethyl Benzene	10.25	91	4911337	147.249	ug/l	98
68) m/p-Xylenes	10.35	106	3792052	301.399	ug/l	97
69) o-Xylene	10.70	106	1871784	151.360	ug/l	100
70) Styrene	10.71	104	3283140	159.258	ug/l	99
71) Bromoform	10.85	173	999135	174.573	ug/l #	100
73) Isopropylbenzene	11.01	105	4823514	140.225	ug/l	99
74) N-amyl acetate	10.89	43	2501187	157.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1802053	144.414	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1607630m	149.138	ug/l	
77) Bromobenzene	11.25	156	1337761	145.888	ug/l	99
78) n-propylbenzene	11.35	91	5551210	145.183	ug/l	98
79) 2-Chlorotoluene	11.42	91	3318049	144.060	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	4197823	146.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	666966	163.360	ug/l	95
82) 4-Chlorotoluene	11.51	91	3917234	145.414	ug/l	100
83) tert-Butylbenzene	11.77	119	4306721	150.057	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4250865	148.516	ug/l	99
85) sec-Butylbenzene	11.94	105	4883375	147.691	ug/l	99
86) p-Isopropyltoluene	12.06	119	4569278	150.206	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	2401790	147.360	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	2413733	145.507	ug/l	99
89) n-Butylbenzene	12.39	91	4150078	156.855	ug/l	99
90) Hexachloroethane	12.59	117	890970	164.162	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	2419245	148.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	415640	138.084	ug/l	98

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ClientSampleId :
VSTDICC150

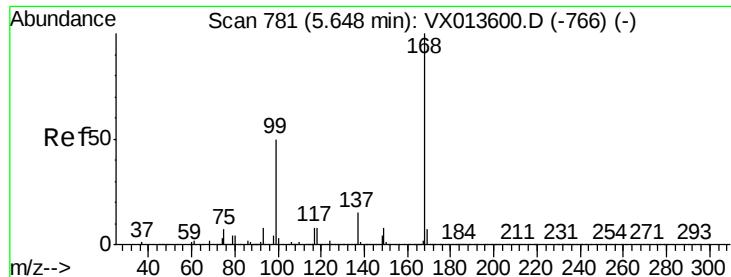
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1739603	153.341	ug/l	99
94) Hexachlorobutadiene	13.78	225	804462	146.311	ug/l	98
95) Naphthalene	13.83	128	5279608	150.109	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1707567	150.867	ug/l	99

(#) = 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: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 666696

Ion Ratio Lower Upper

168 100

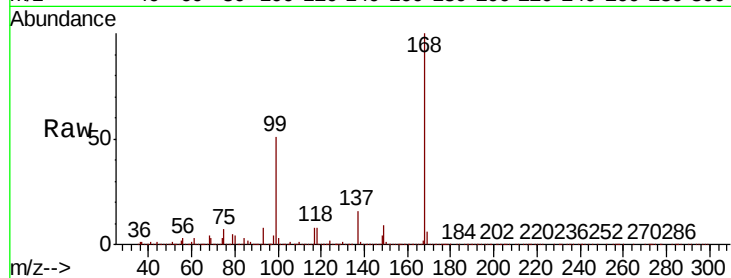
99 51.0 39.8 59.8

Manual Integrations

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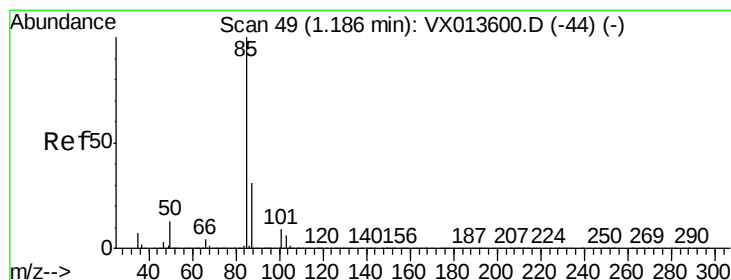
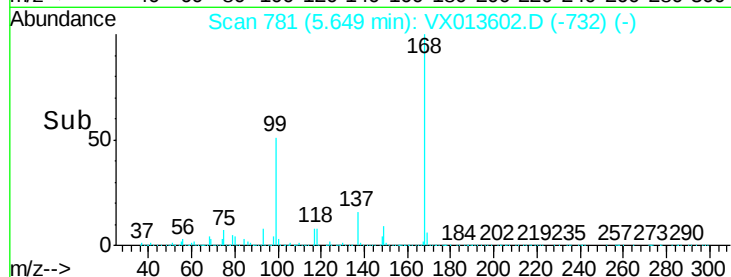
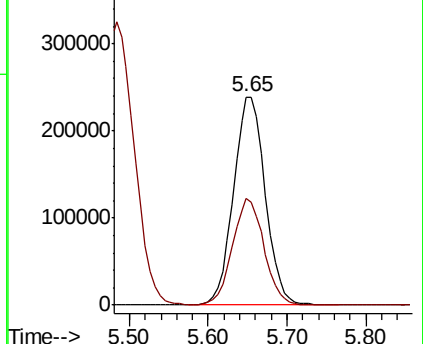
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 150.310 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013602.D

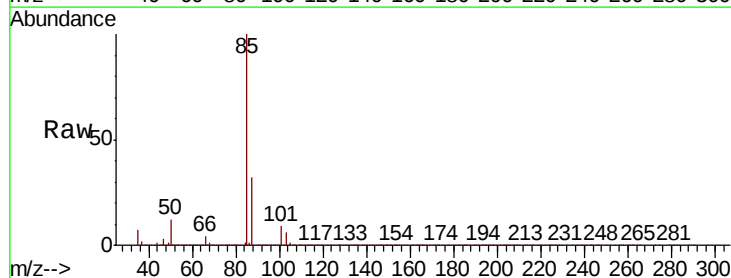
Acq: 26 Nov 2019 15:28

Tgt Ion: 85 Resp: 1141979

Ion Ratio Lower Upper

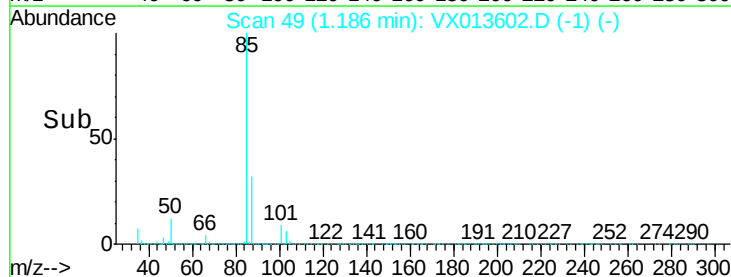
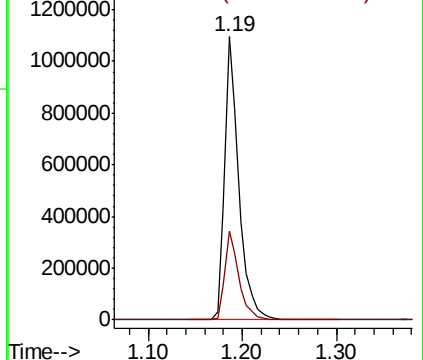
85 100

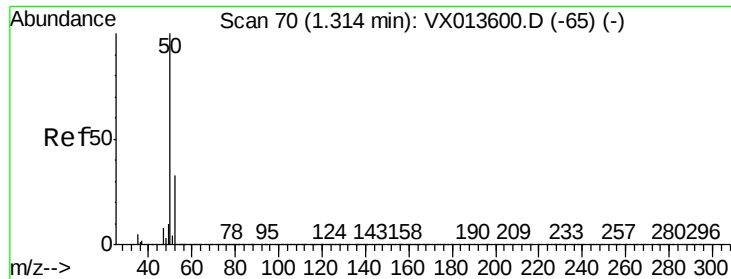
87 31.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 148.224 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 1225983

Ion Ratio Lower Upper

50 100

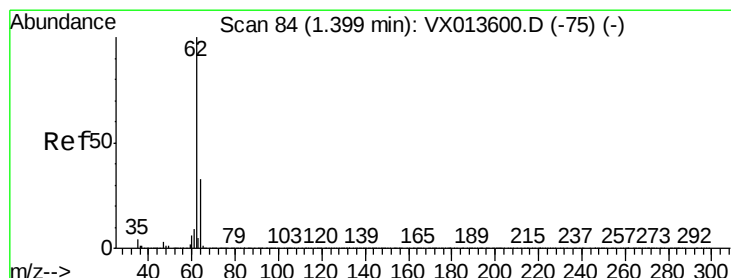
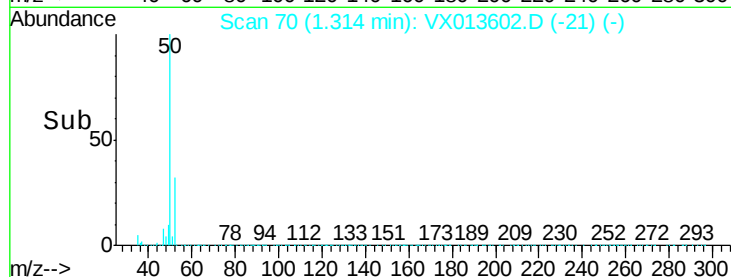
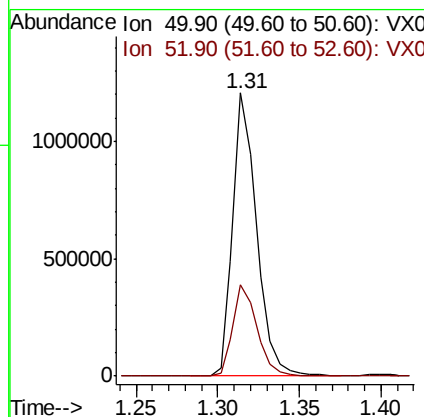
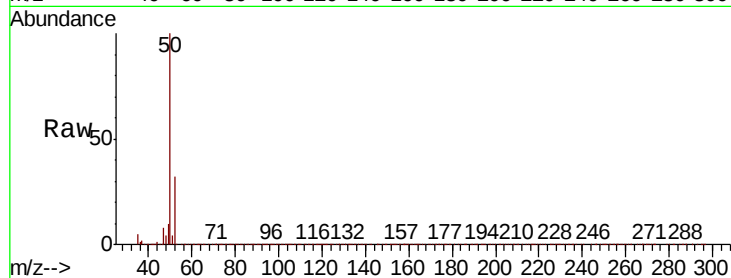
52 32.3 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 148.925 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013602.D

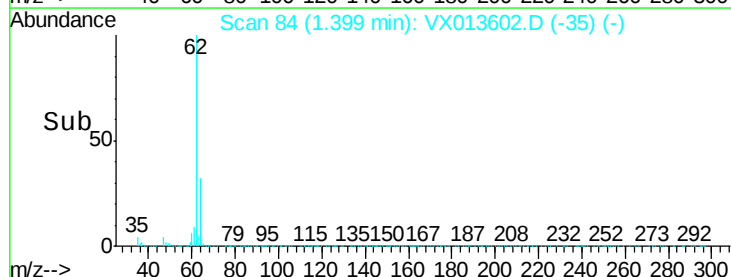
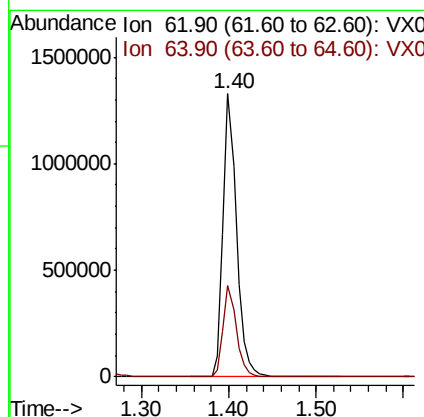
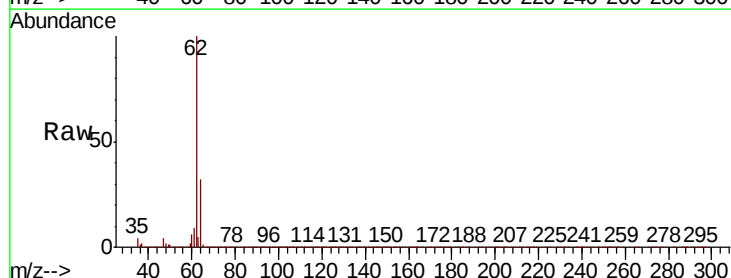
Acq: 26 Nov 2019 15:28

Tgt Ion: 62 Resp: 1399553

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 144.723 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 932997

Ion Ratio Lower Upper

94 100

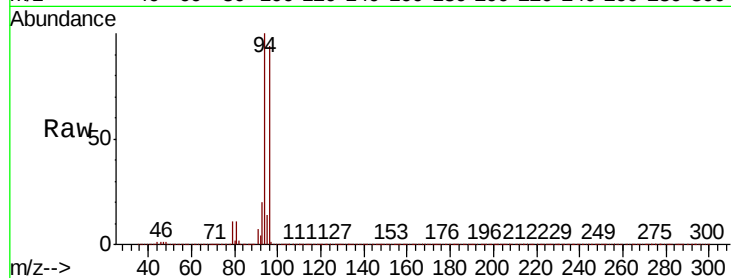
96 93.5 77.0 115.4

Manual Integrations

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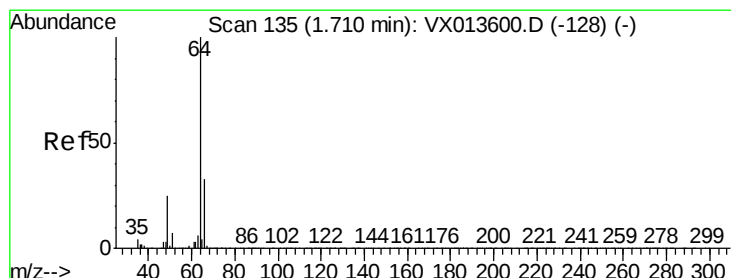
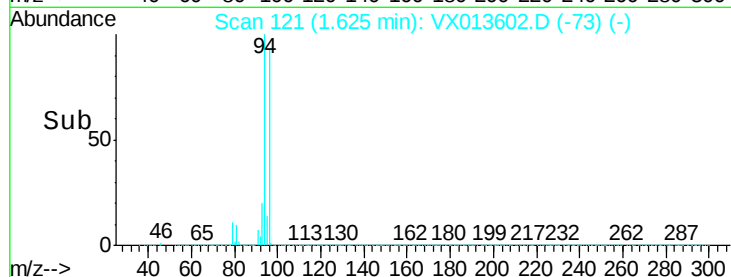
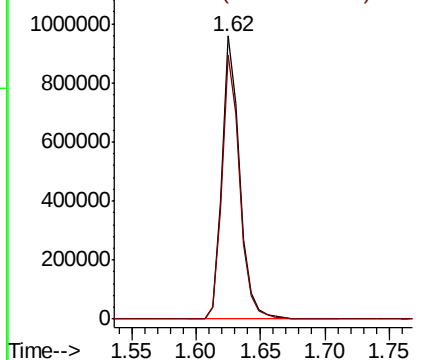
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 124.443 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013602.D

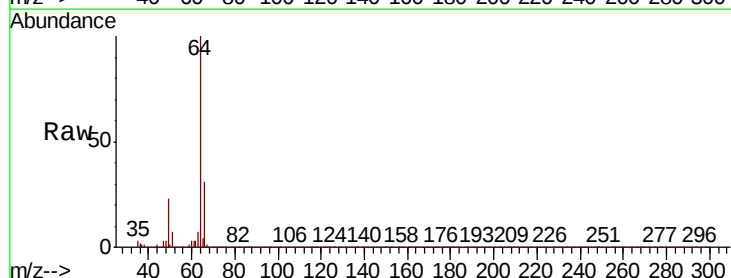
Acq: 26 Nov 2019 15:28

Tgt Ion: 64 Resp: 743758

Ion Ratio Lower Upper

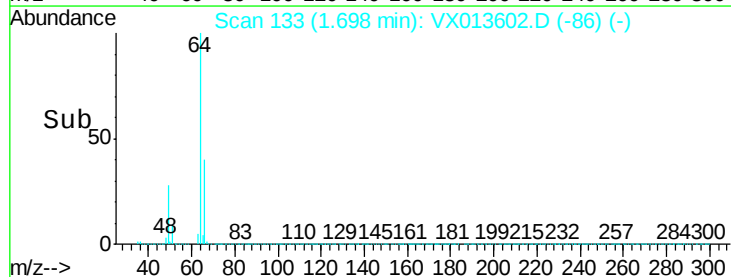
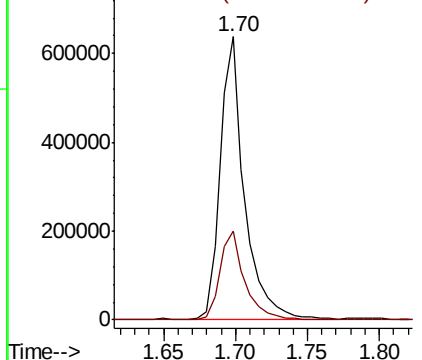
64 100

66 31.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

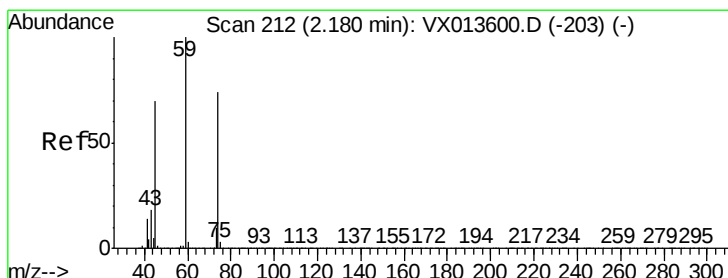
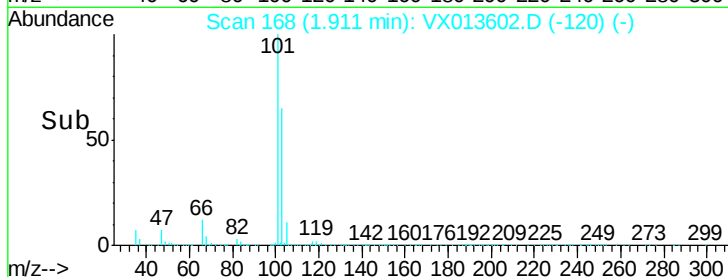
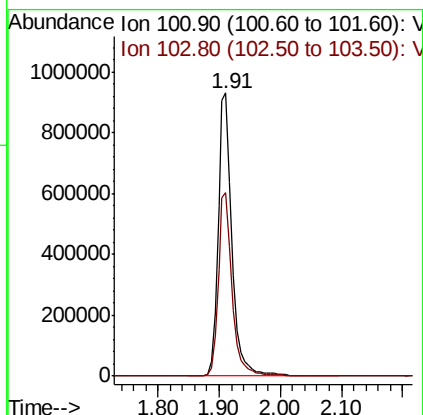
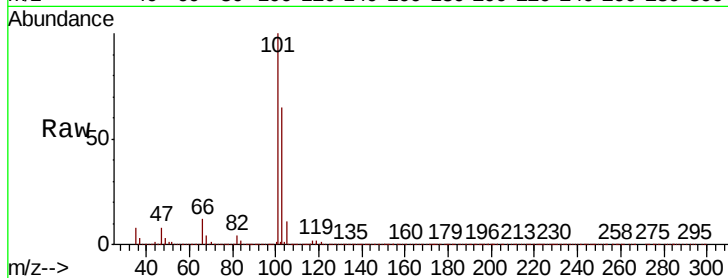
Trichlorofluoromethane
Concen: 135.062 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

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ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1486149
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

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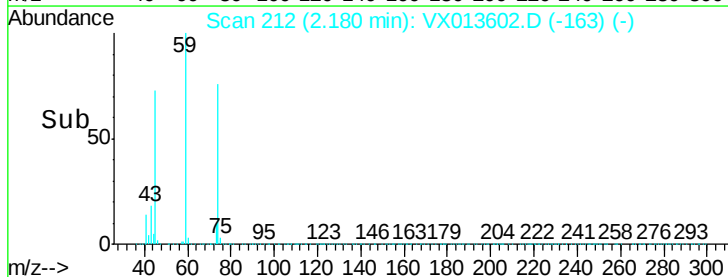
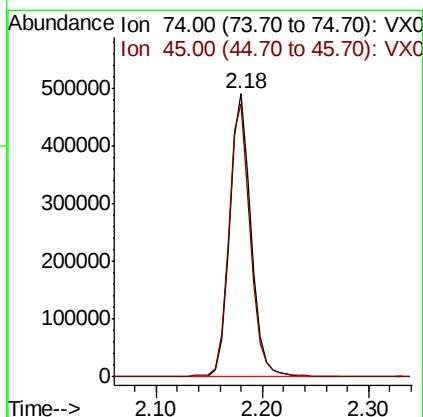
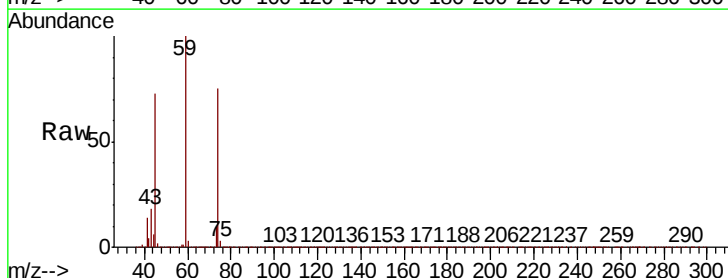
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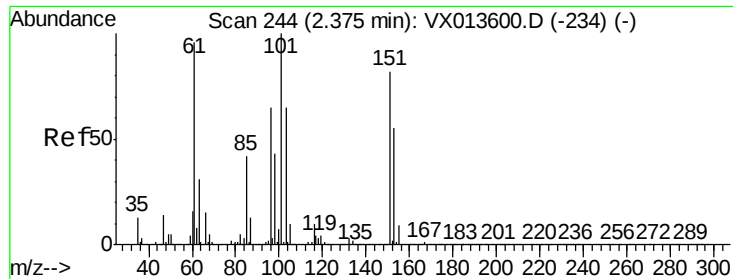


#8

Diethyl Ether
Concen: 139.874 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion: 74 Resp: 682847
Ion Ratio Lower Upper
74 100
45 98.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.378 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

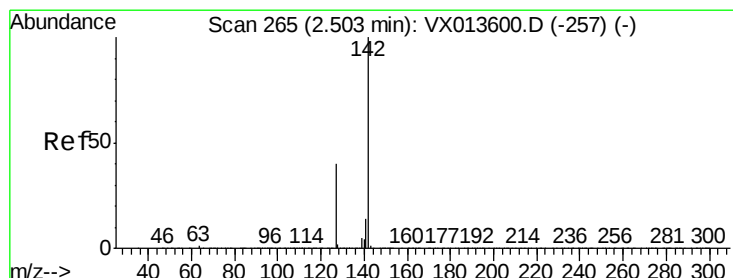
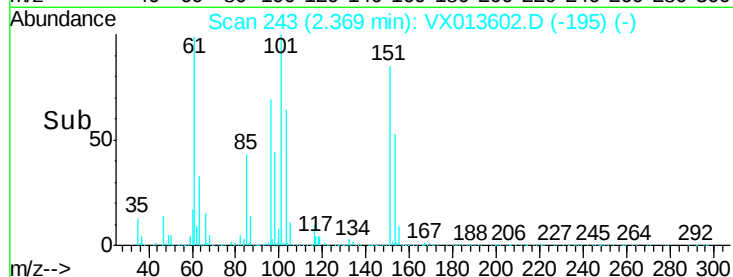
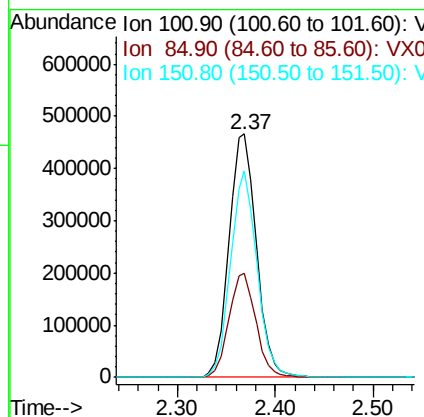
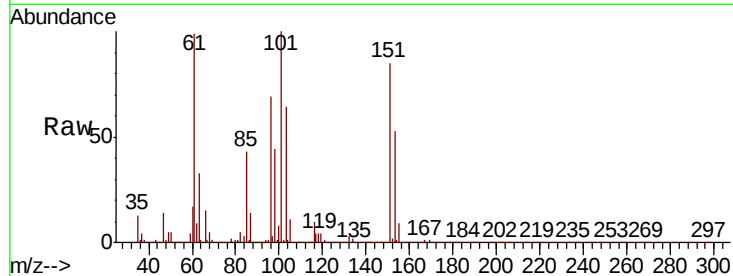
ClientSampleId :

VSTDICC150

Tot Ion:	101	Resp:	904382
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.9	50.9
151	82.5	64.2	96.2

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#10

Methyl Iodide

Concen: 158.633 ug/l

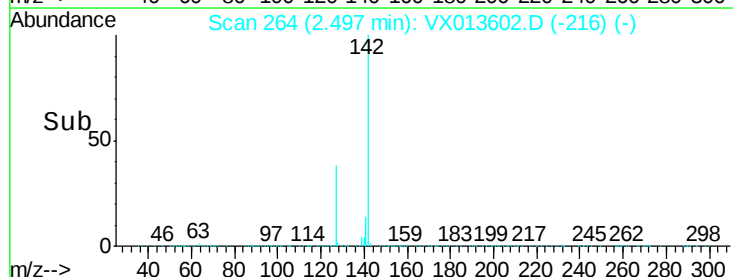
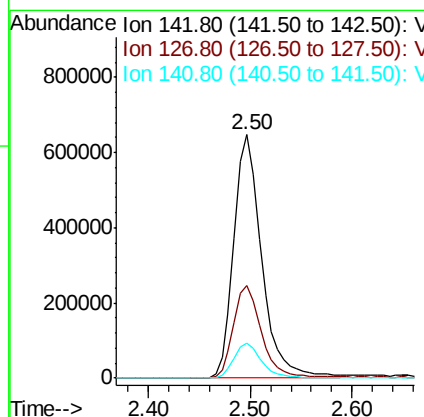
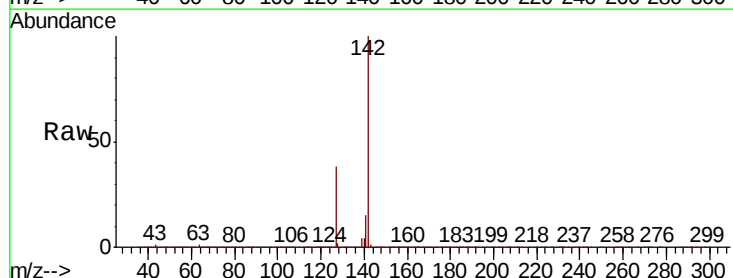
RT: 2.50 min Scan# 264

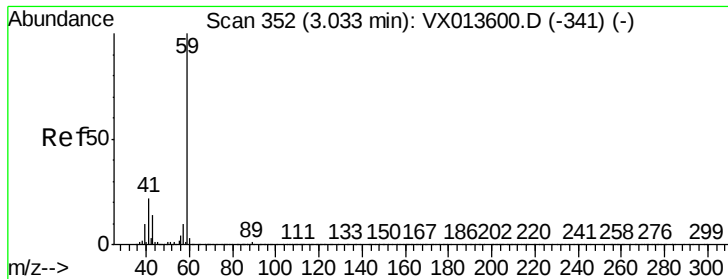
Delta R.T. -0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Tgt Ion:	142	Resp:	1225089
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.0	46.4
141	14.6	11.6	17.4





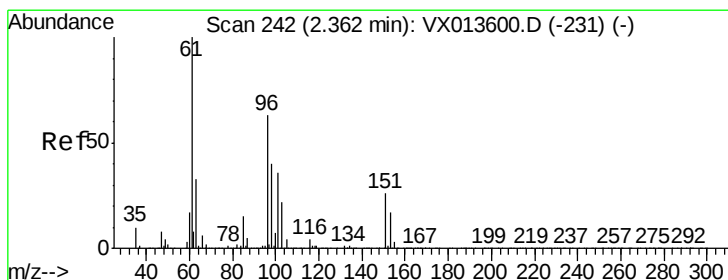
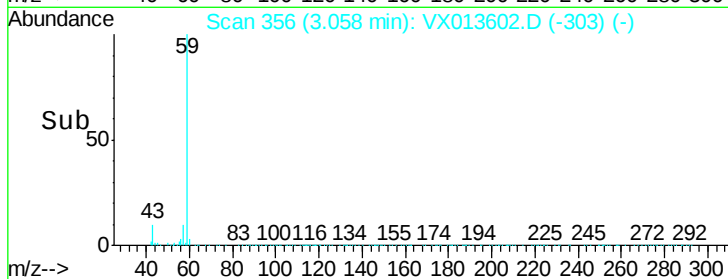
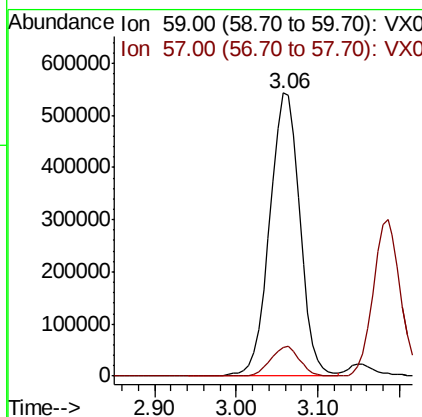
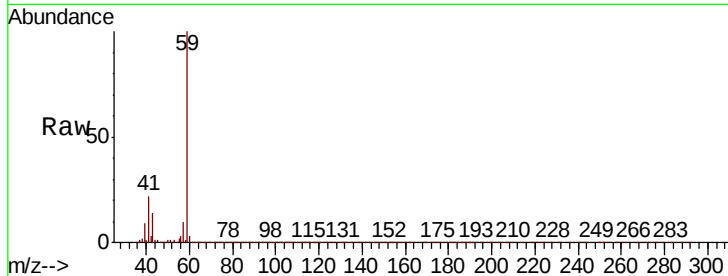
#11
Tert butyl alcohol
Concen: 679.358 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 1389647
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

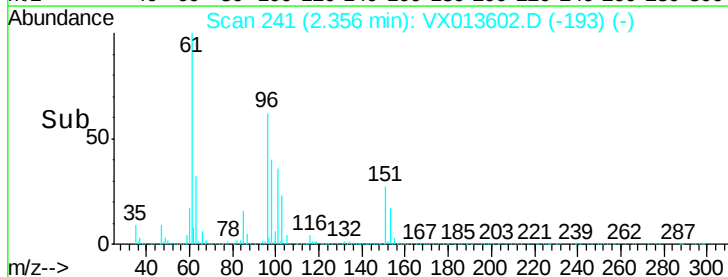
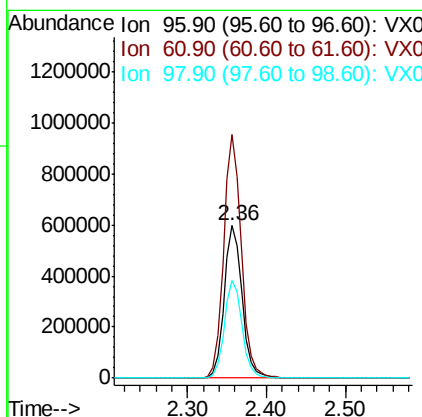
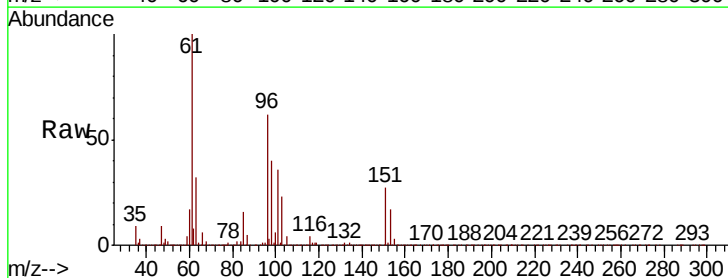
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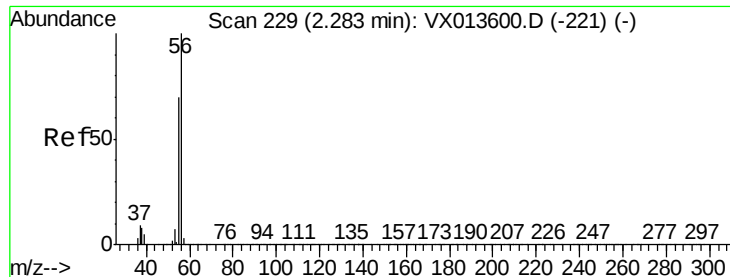
apatel
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#12
1,1-Dichloroethene
Concen: 153.156 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion: 96 Resp: 934540
Ion Ratio Lower Upper
96 100
61 160.1 126.6 190.0
98 64.6 50.6 76.0





#13

Acrolein

Concen: 848.247 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 973849

Ion Ratio Lower Upper

56 100

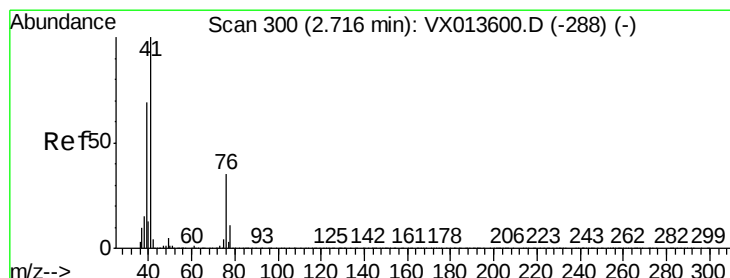
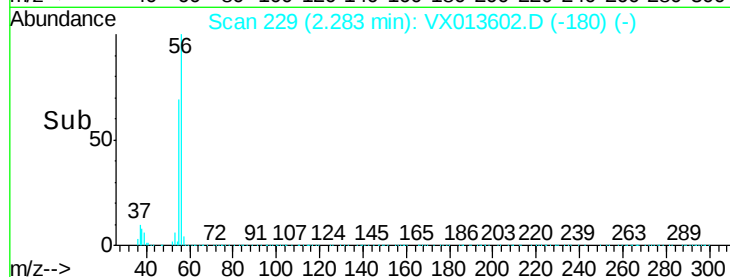
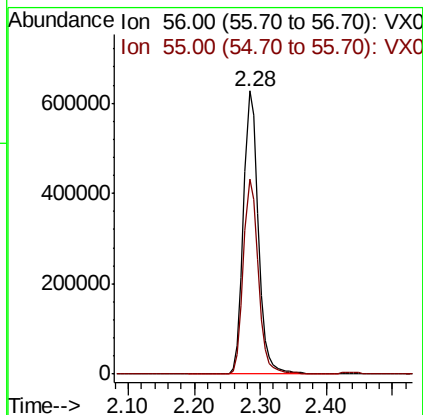
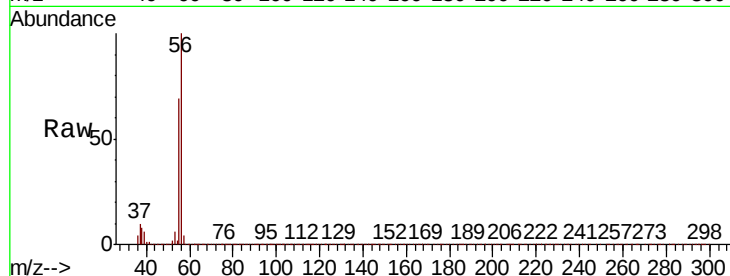
55 69.0 56.2 84.4

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#14

Allyl chloride

Concen: 154.481 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

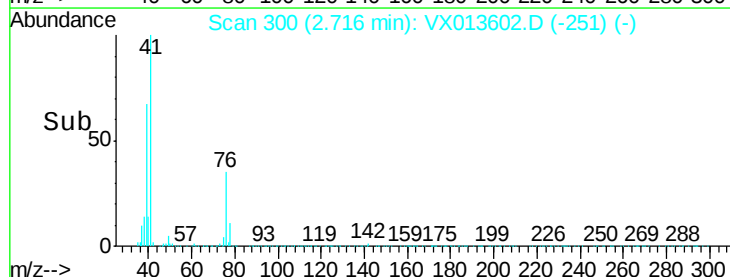
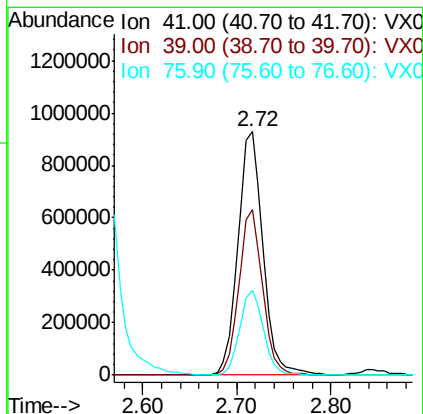
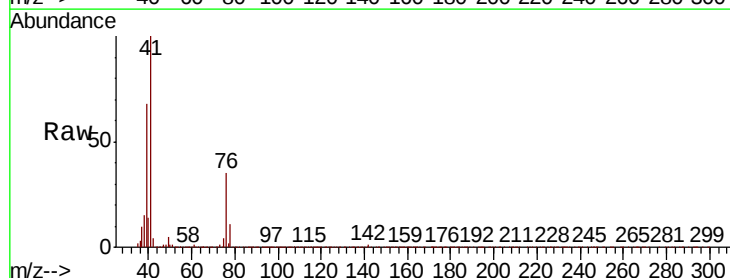
Tgt Ion: 41 Resp: 1717644

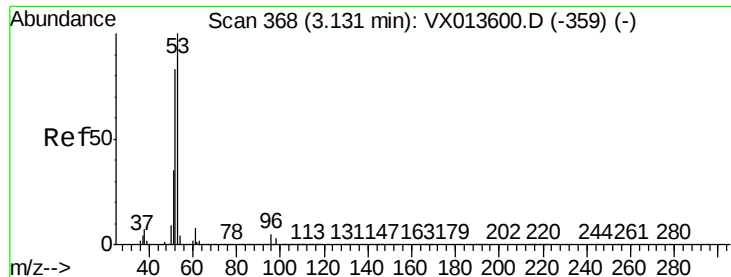
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 33.1 25.9 38.9





#15

Acrylonitrile

Concen: 752.091 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

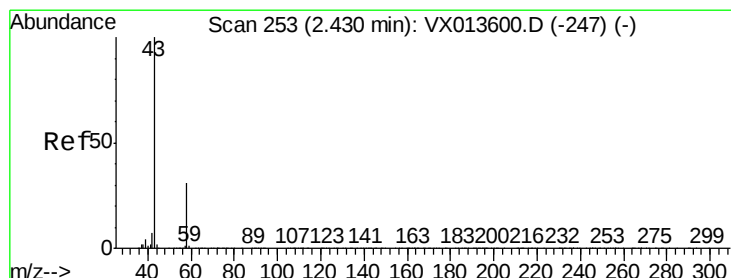
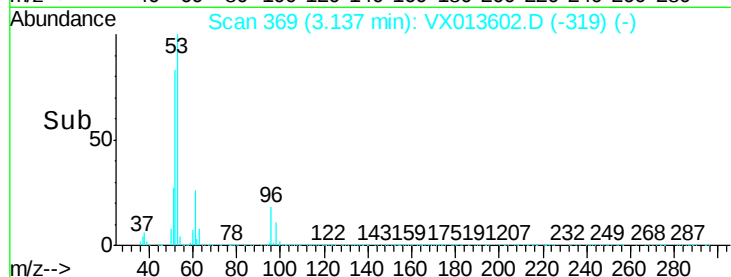
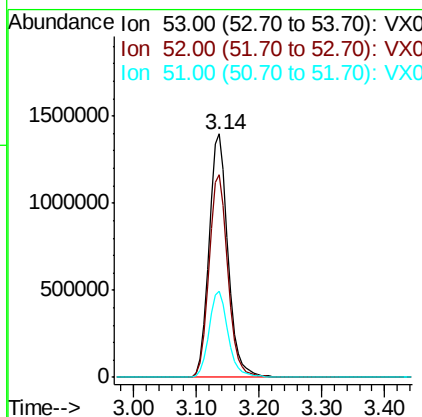
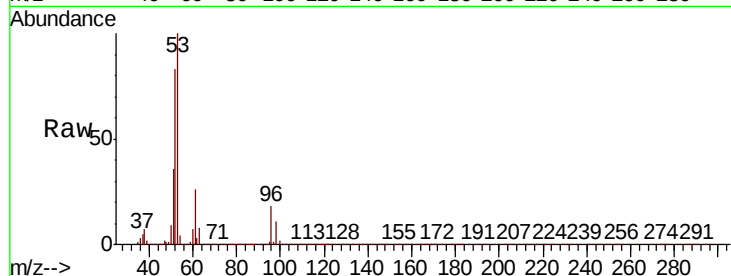
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	2897387
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	35.9	29.0	43.6

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#16

Acetone

Concen: 677.553 ug/l

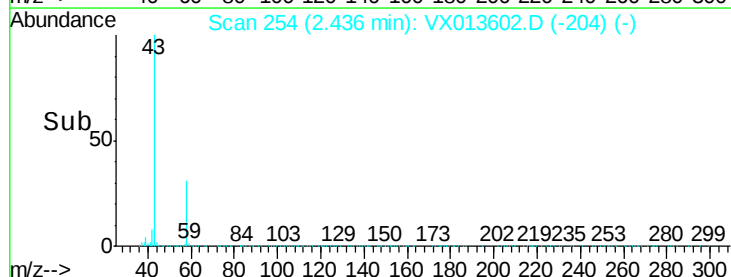
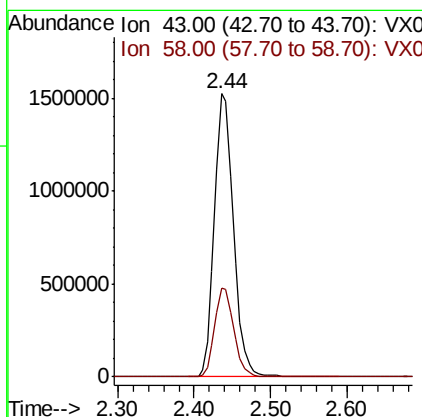
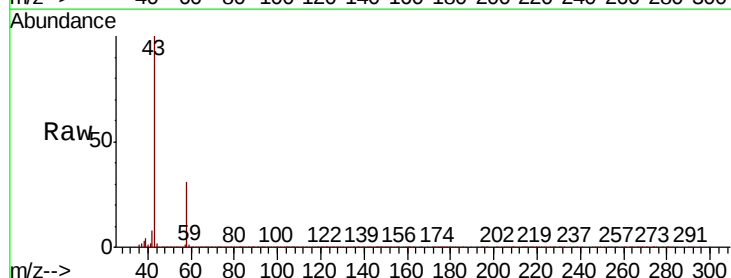
RT: 2.44 min Scan# 254

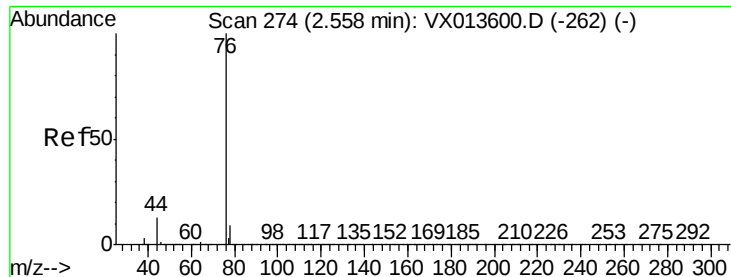
Delta R.T. 0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Tgt Ion:	43	Resp:	2634801
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.6	36.8





#17

Carbon Disulfide

Concen: 161.858 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 2660601

Ion Ratio Lower Upper

76 100

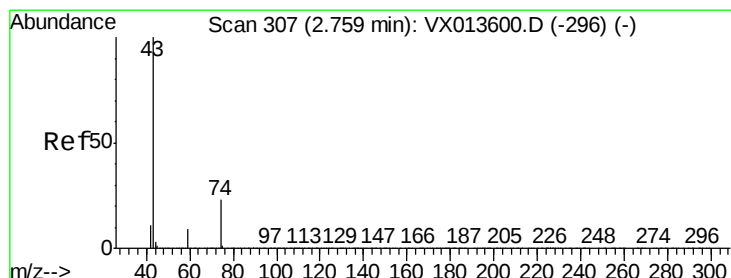
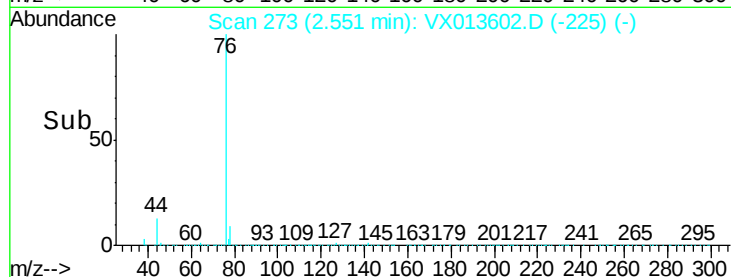
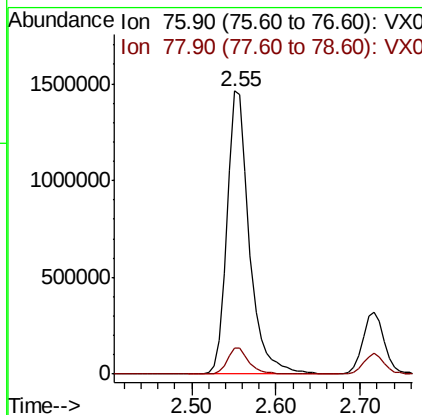
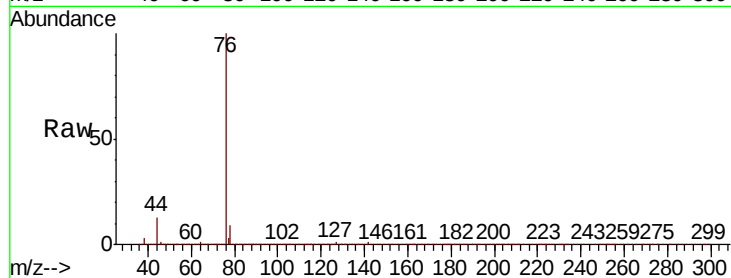
78 9.0 7.2 10.8

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#18

Methyl Acetate

Concen: 150.256 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013602.D

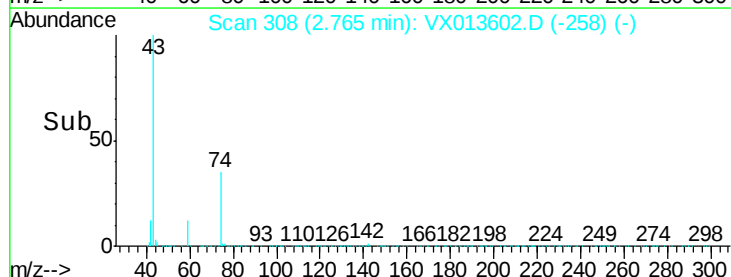
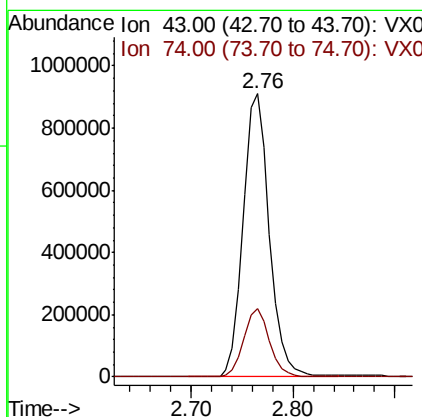
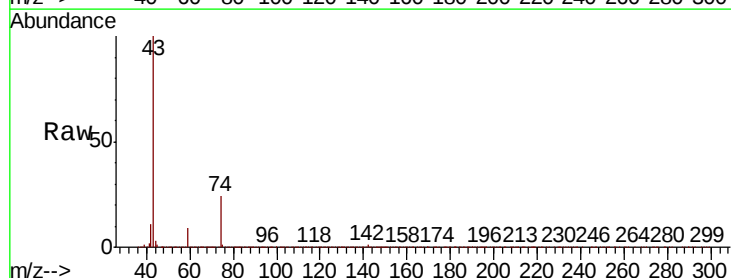
Acq: 26 Nov 2019 15:28

Tgt Ion: 43 Resp: 1620322

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





#19

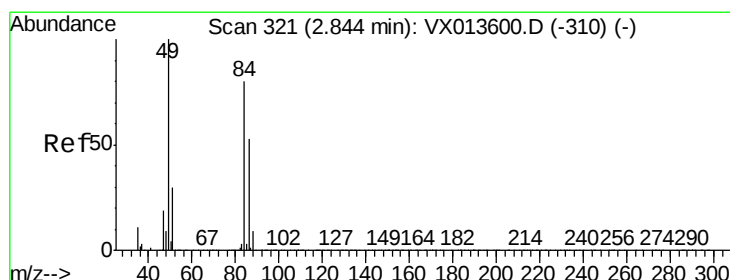
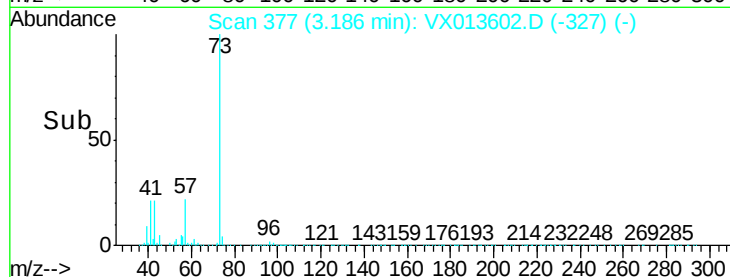
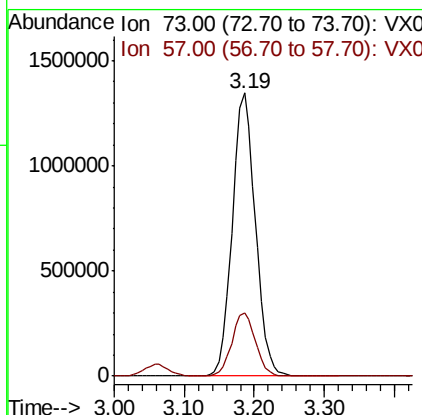
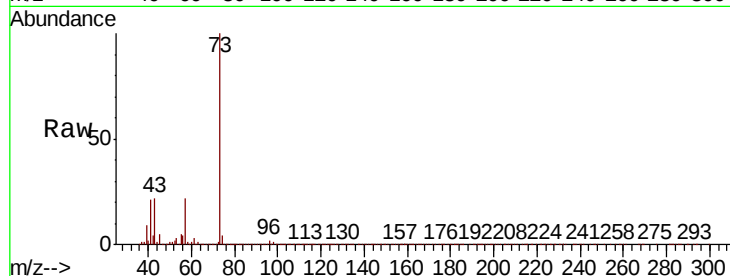
Methyl tert-butyl Ether
Concen: 152.297 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 3088863
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5

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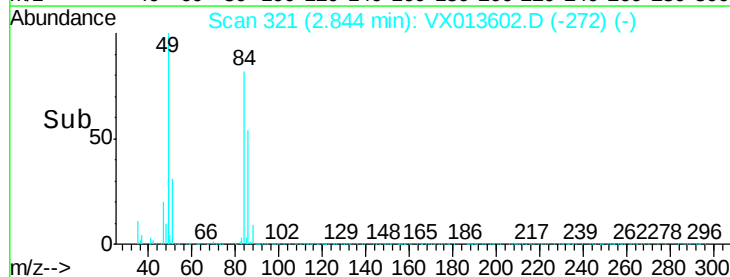
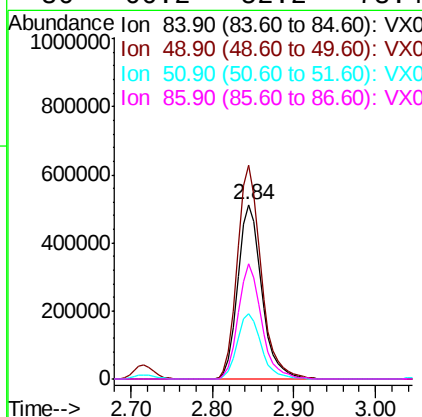
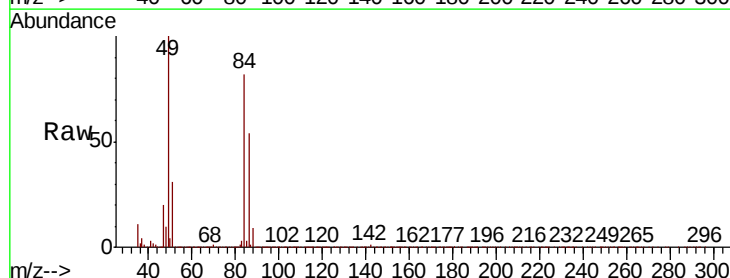
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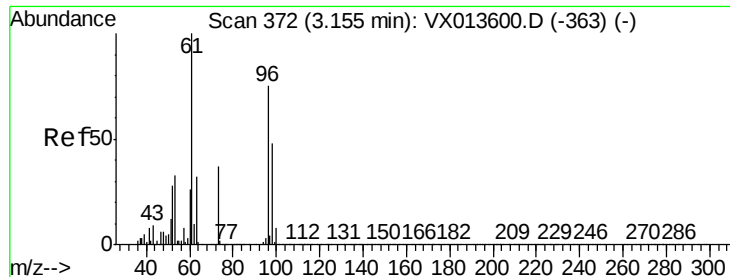


#20

Methylene Chloride
Concen: 142.560 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion: 84 Resp: 1033957
Ion Ratio Lower Upper
84 100
49 122.3 99.7 149.5
51 37.7 29.9 44.9
86 66.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 150.587 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1000245

Ion Ratio Lower Upper

96 100

61 130.0 107.2 160.8

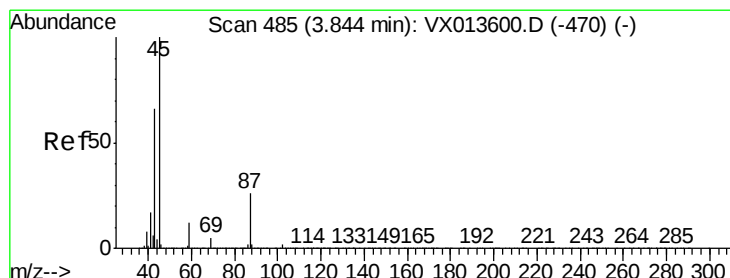
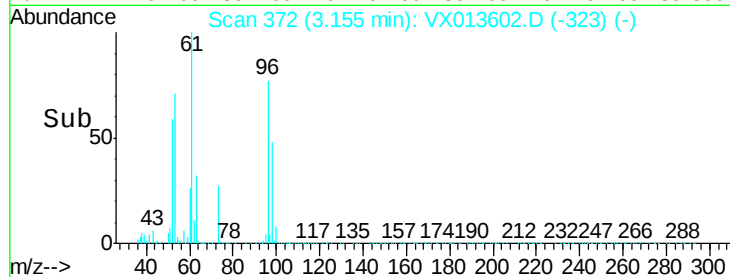
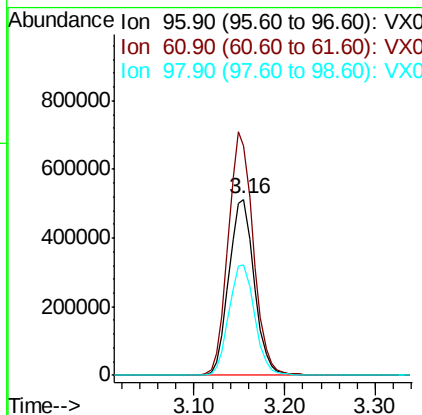
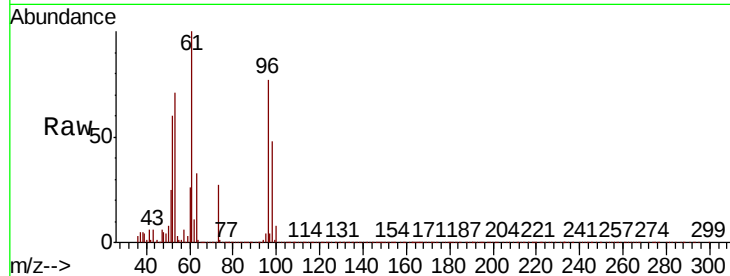
98 62.8 51.4 77.0

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#22

Diisopropyl ether

Concen: 153.084 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Tgt Ion: 45 Resp: 3269896

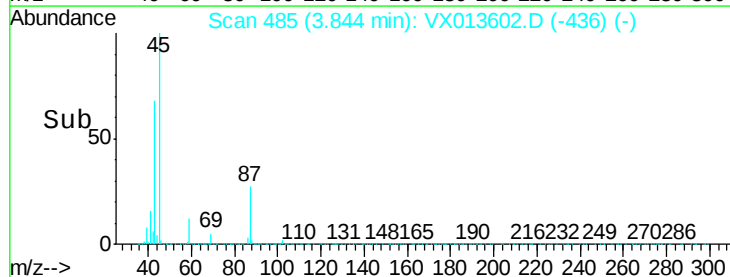
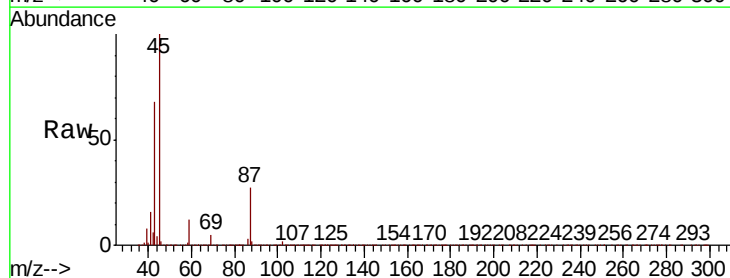
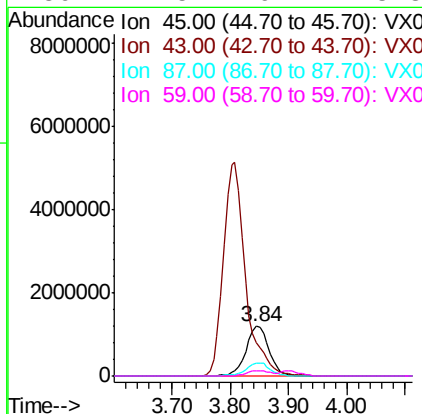
Ion Ratio Lower Upper

45 100

43 67.7 52.6 79.0

87 26.9 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 745.606 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp:13584061

Ion Ratio Lower Upper

43 100

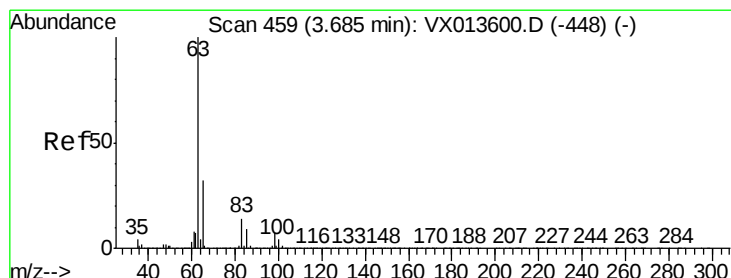
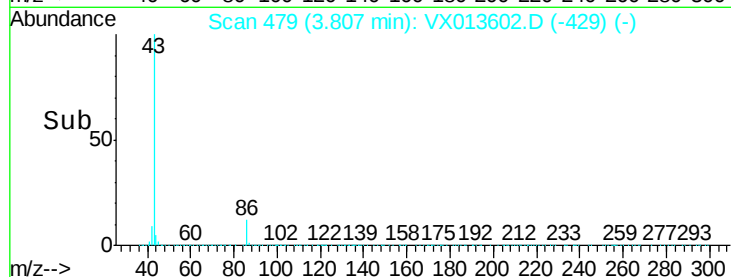
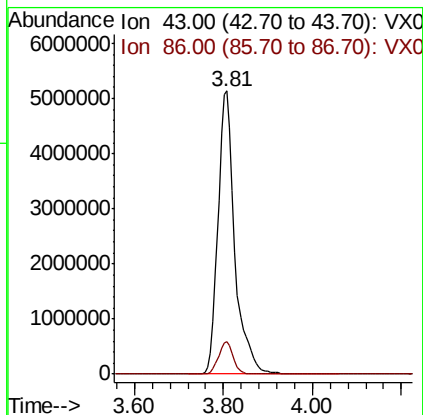
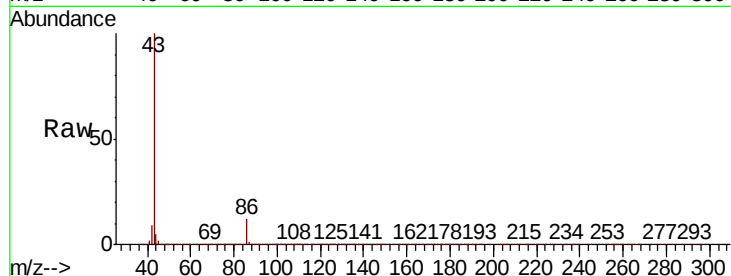
86 11.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 150.256 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

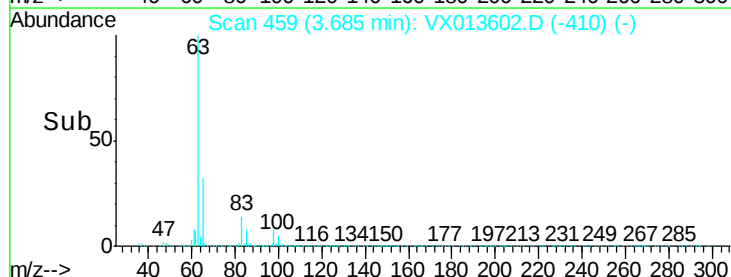
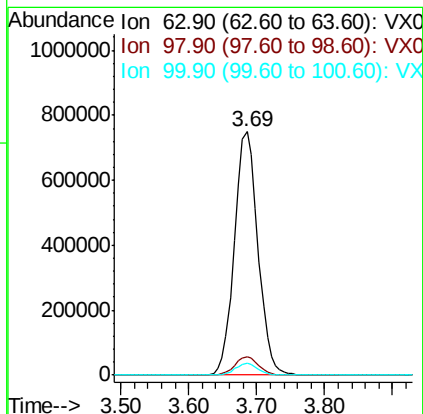
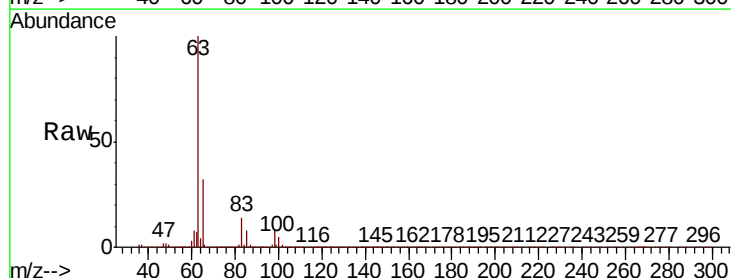
Tgt Ion: 63 Resp: 1795948

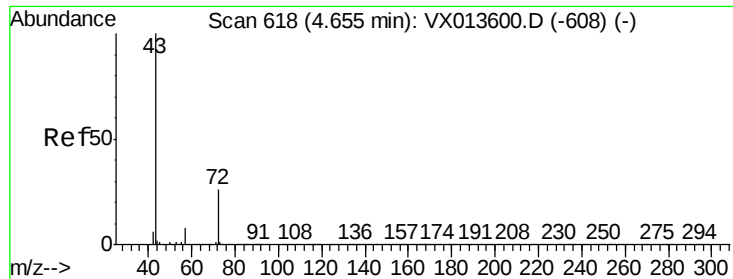
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 738.051 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4217673

Ion Ratio Lower Upper

43 100

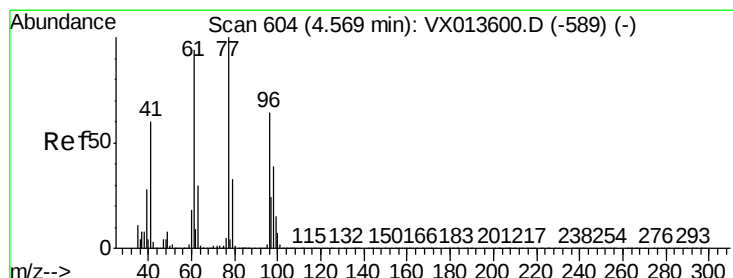
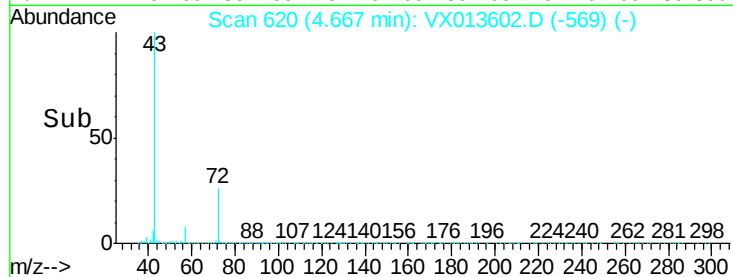
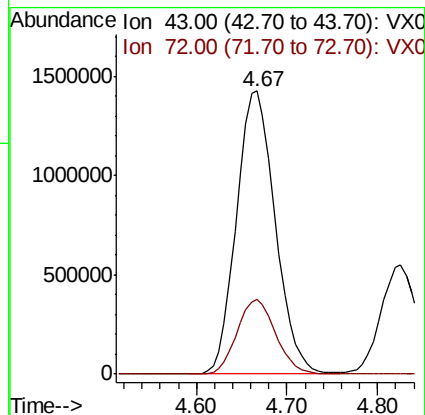
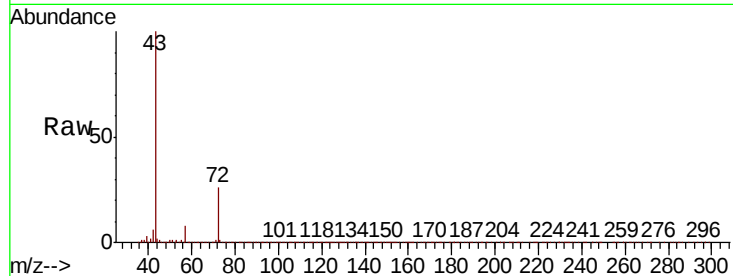
72 26.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 154.226 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013602.D

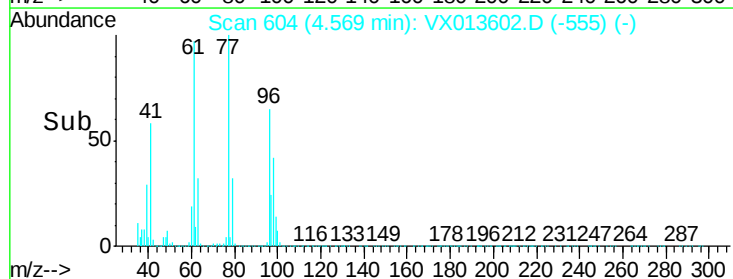
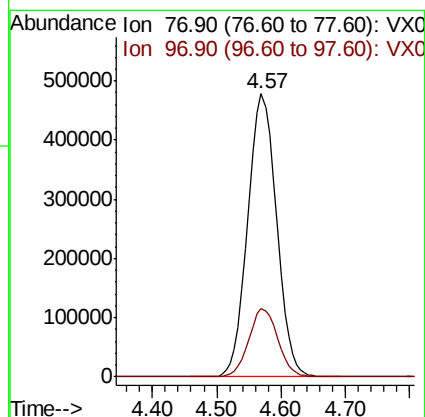
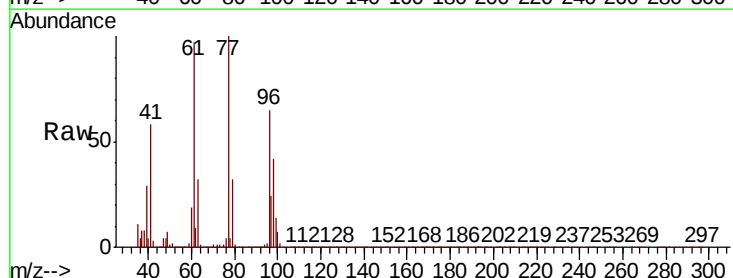
Acq: 26 Nov 2019 15:28

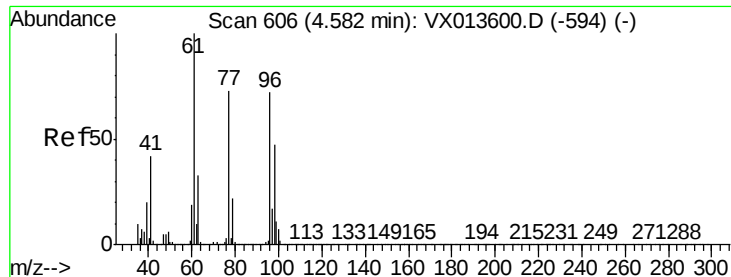
Tgt Ion: 77 Resp: 1472486

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

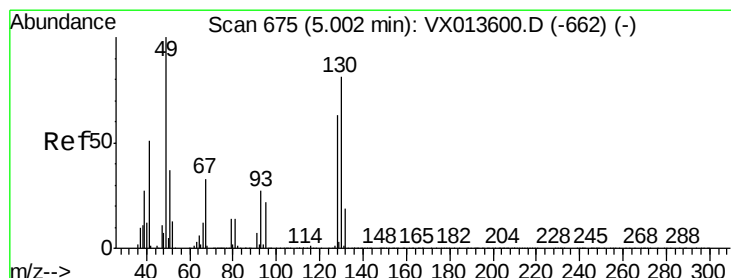
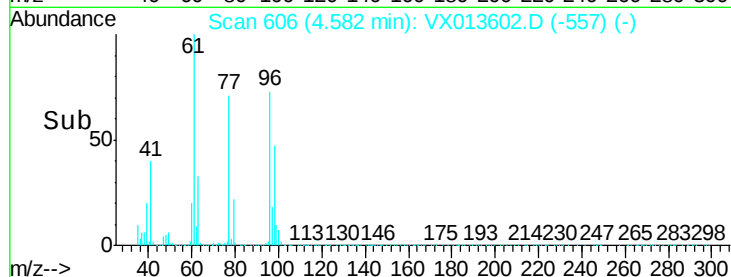
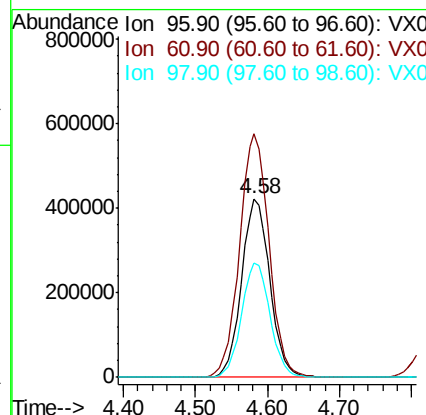
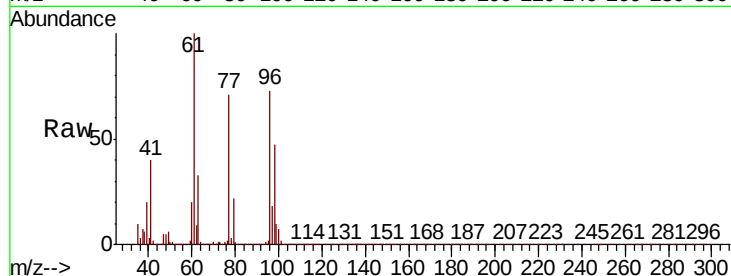
cis-1,2-Dichloroethene
Concen: 154.073 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	286.4
98	64.8	0.0	127.4

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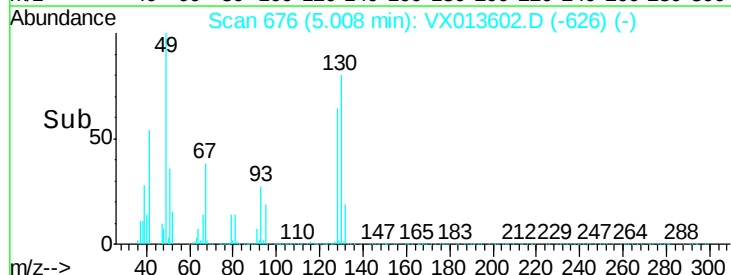
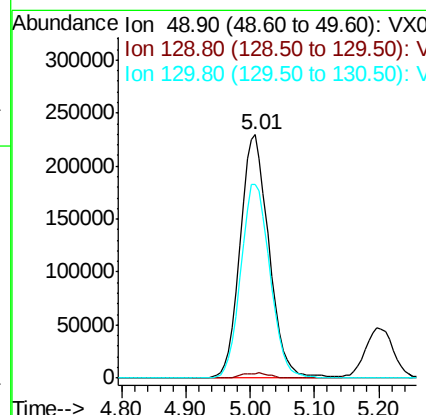
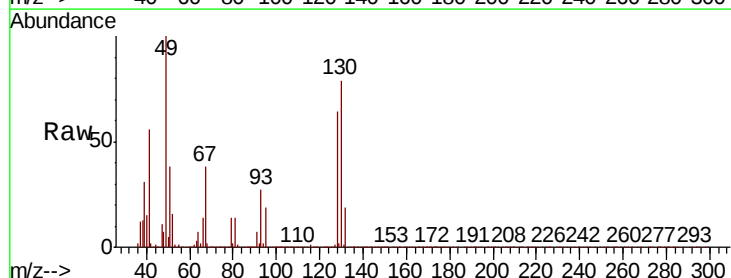
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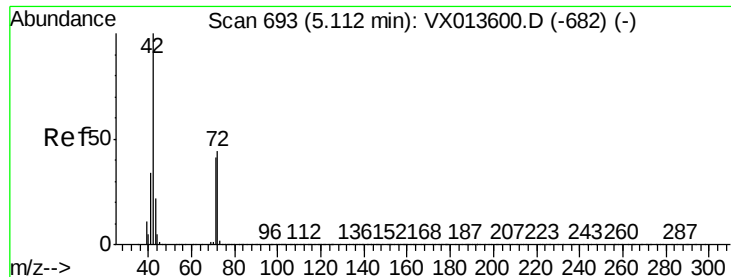


#28

Bromochloromethane
Concen: 195.837 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	80.6	65.4	98.0





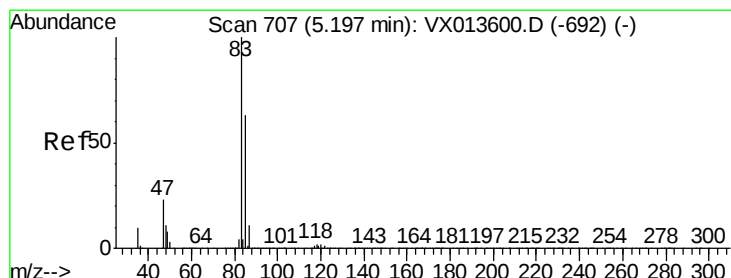
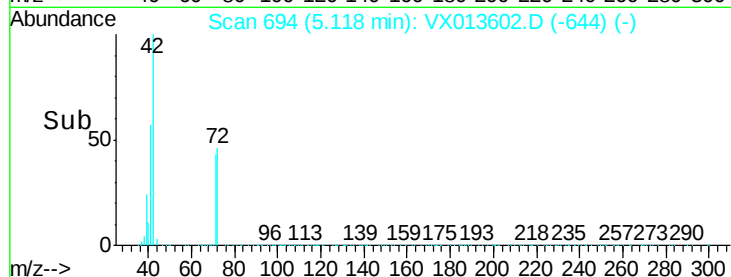
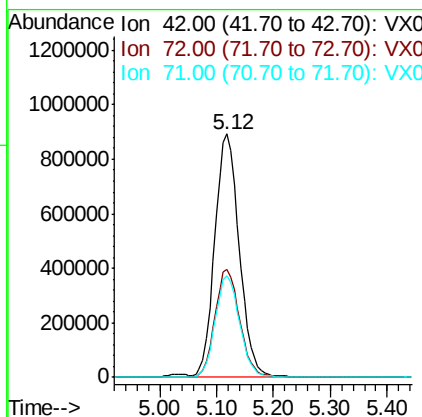
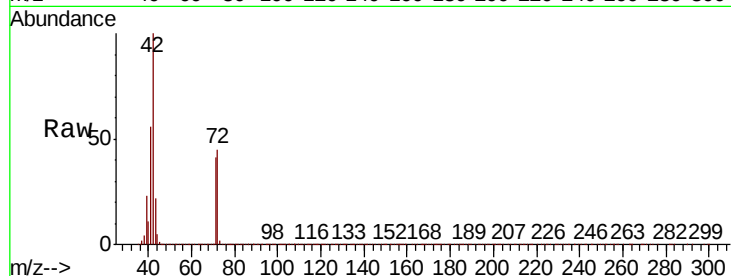
#29
Tetrahydrofuran
Concen: 758.974 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	42	Resp:	2666610
Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.3	54.5
71	41.6	33.2	49.8

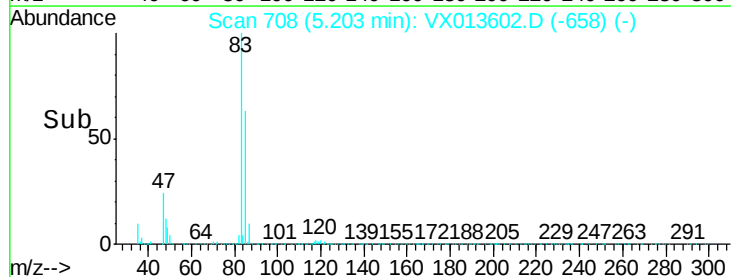
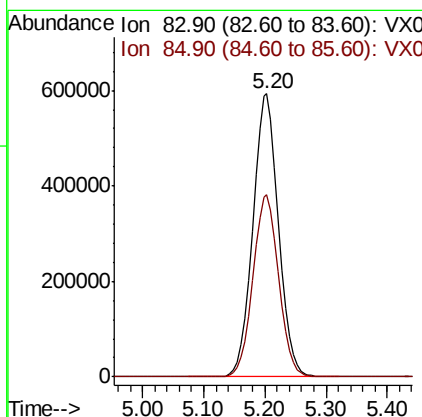
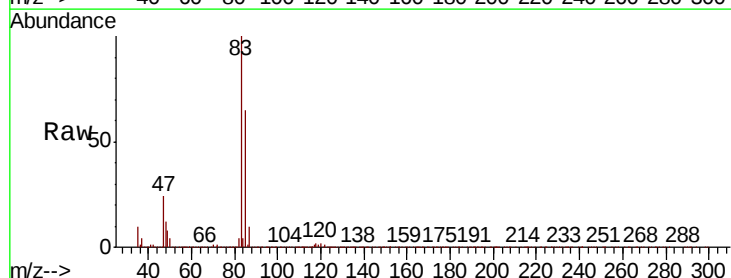
Manual Integrations
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#30
Chloroform
Concen: 147.128 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion:	83	Resp:	1734210
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.4





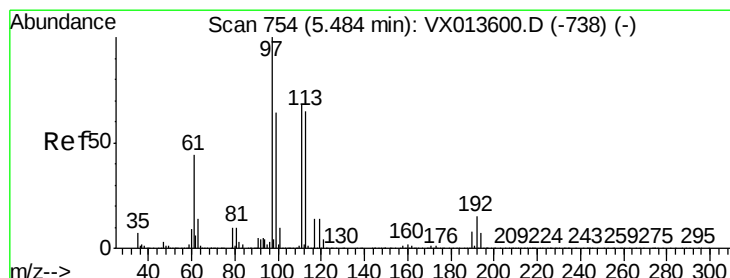
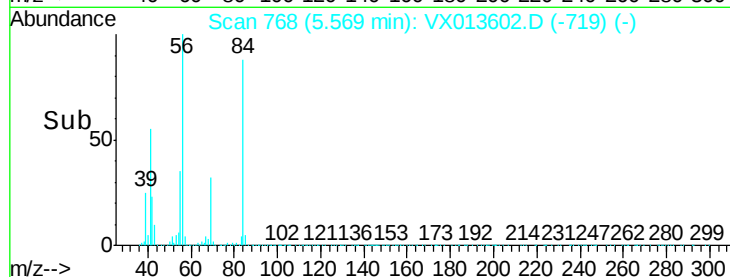
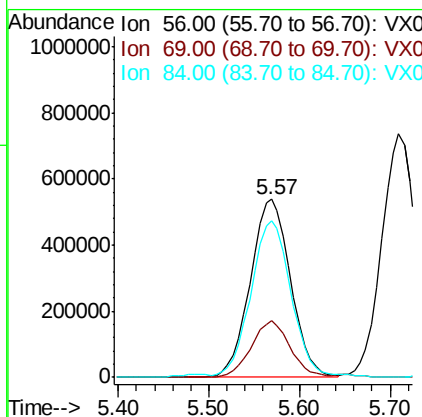
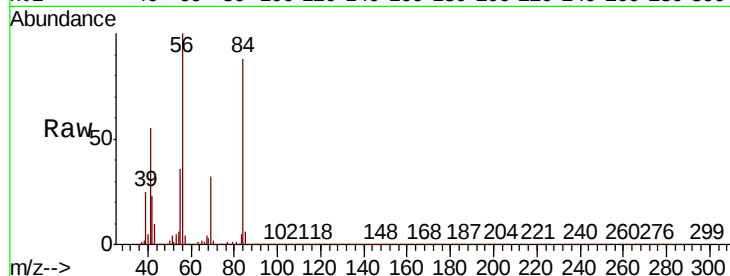
#31
Cyclohexane
Concen: 151.832 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.6	36.8
84	86.4	70.0	105.0

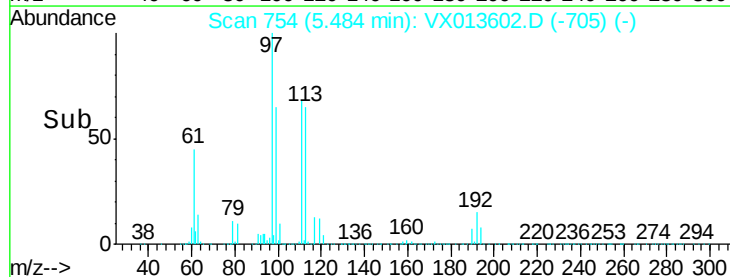
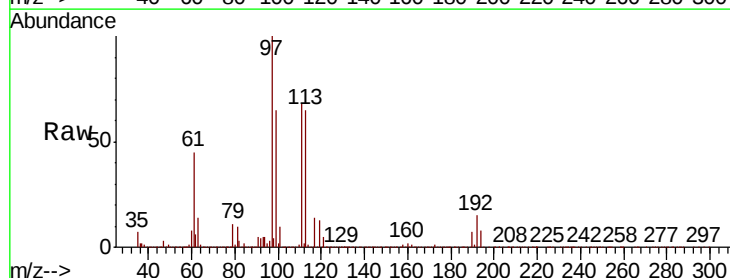
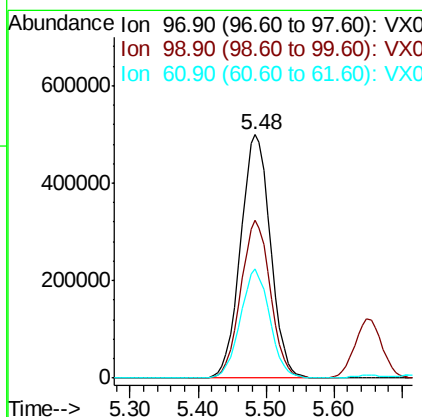
Manual Integrations
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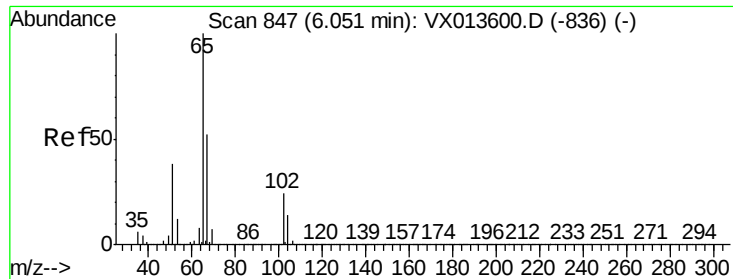
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#32
1,1,1-Trichloroethane
Concen: 150.562 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	43.9	36.1	54.1





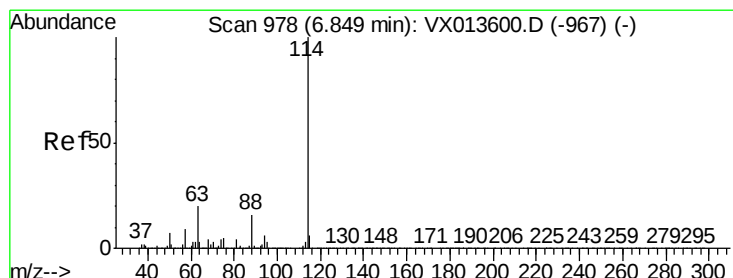
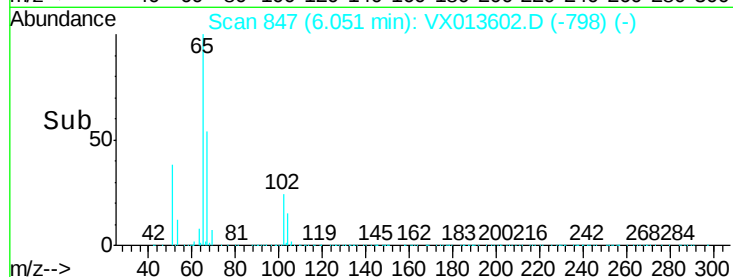
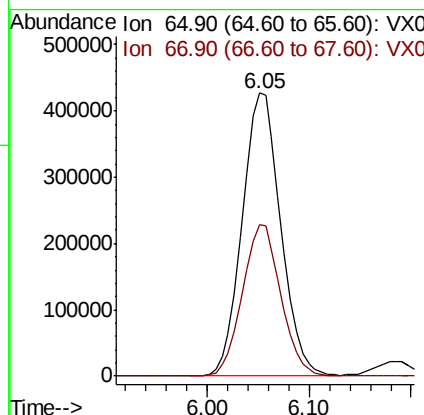
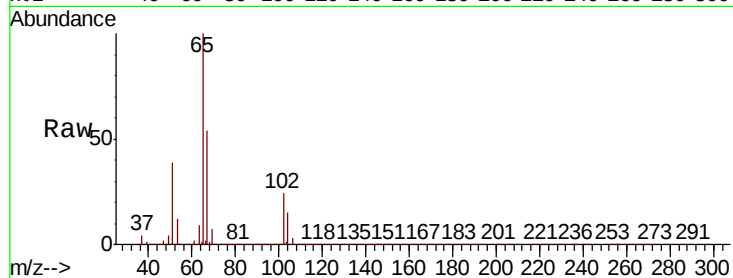
#33
 1,2-Dichloroethane-d4
 Concen: 143.225 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013602.D
 Acq: 26 Nov 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 65 Resp: 1117441
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.4

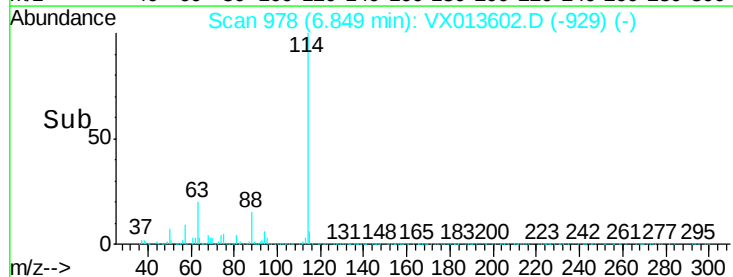
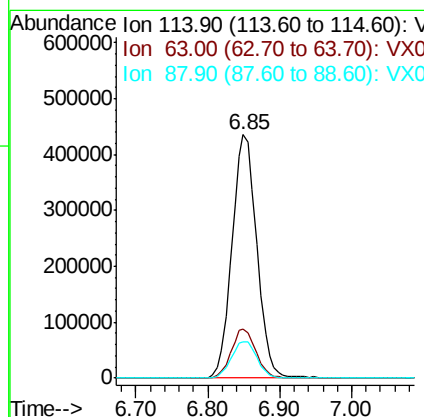
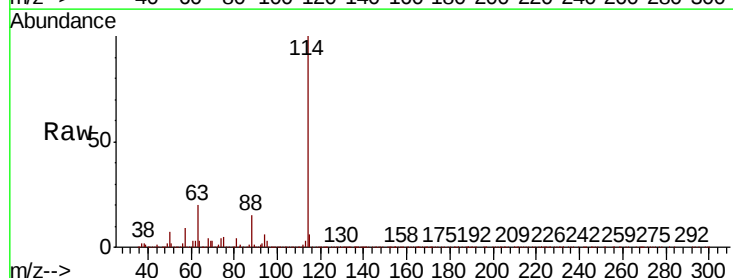
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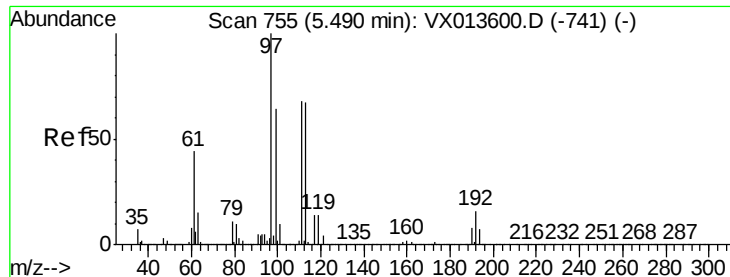
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013602.D
 Acq: 26 Nov 2019 15:28

Tgt Ion: 114 Resp: 1043979
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 14.7 0.0 31.4





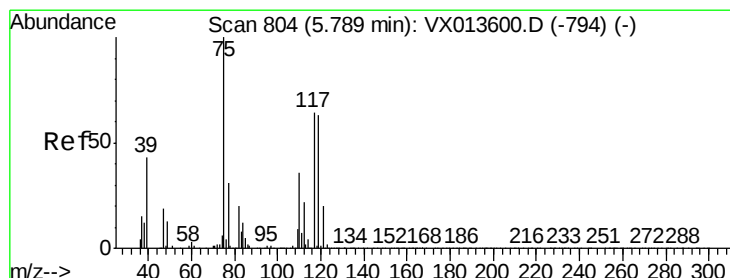
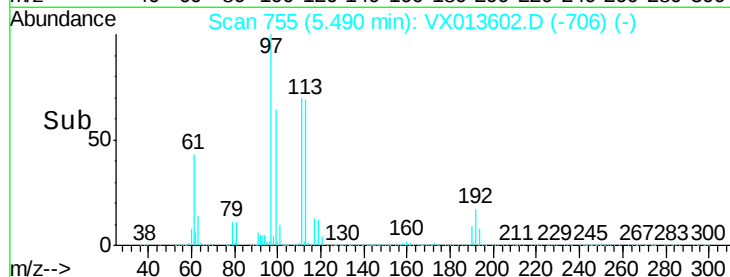
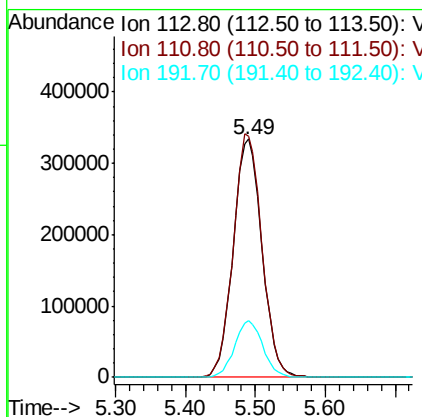
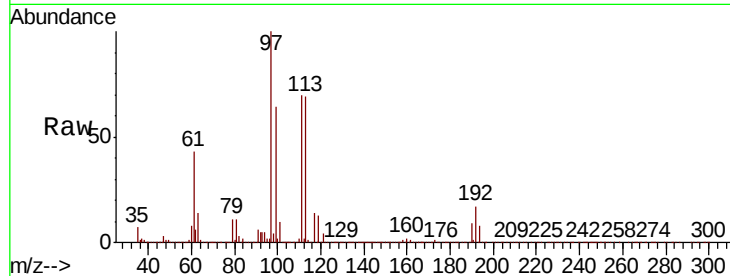
#35
Dibromofluoromethane
Concen: 147.148 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	951494		
111	101.8	83.6	125.4	
192	23.4	19.2	28.8	

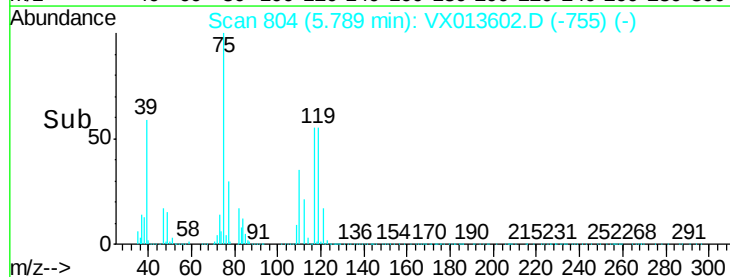
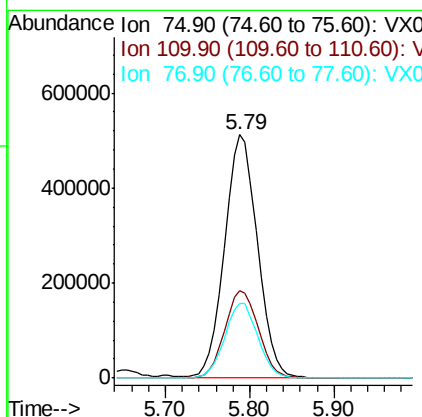
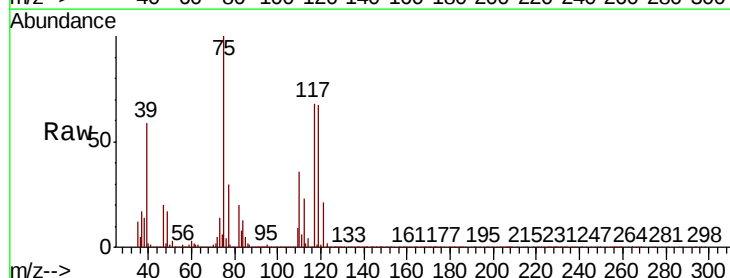
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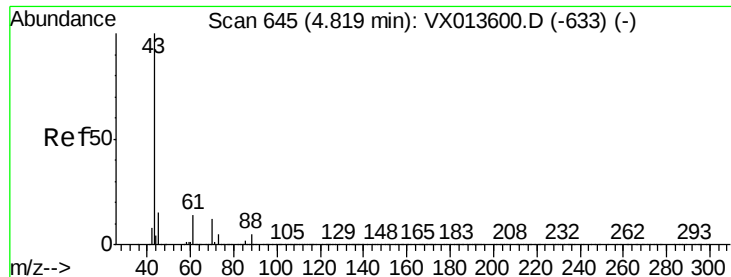
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#36
1,1-Dichloropropene
Concen: 152.213 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1358079		
110	37.0	18.1	54.1	
77	30.8	24.5	36.7	





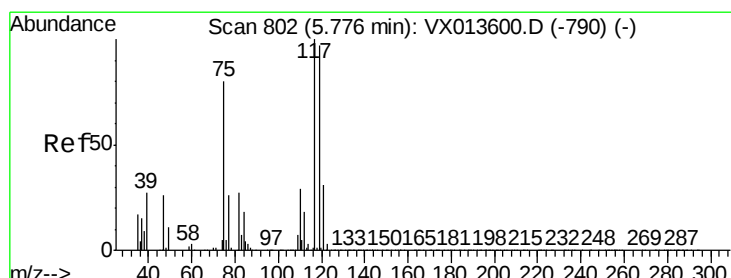
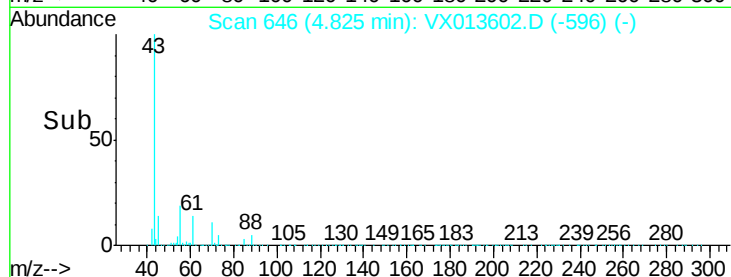
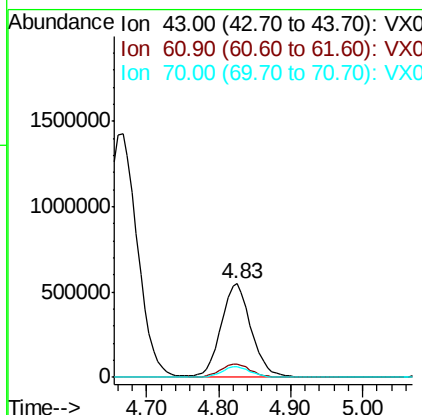
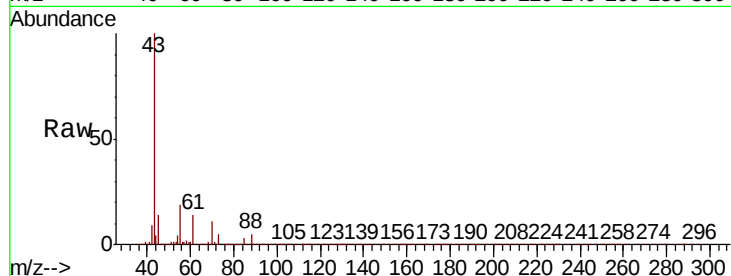
#37
Ethyl Acetate
Concen: 145.003 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.8	8.6	12.8

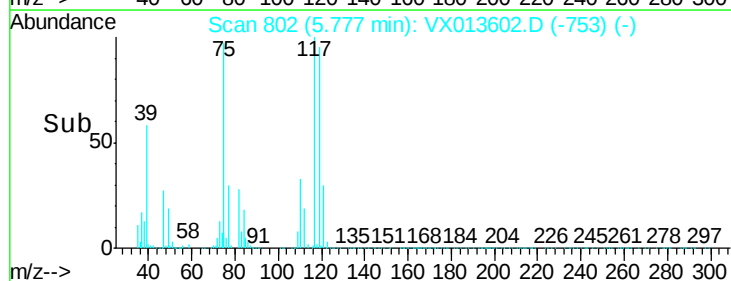
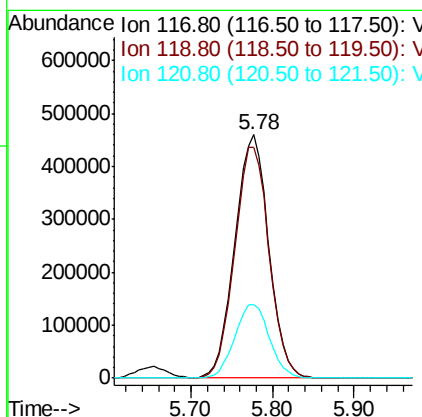
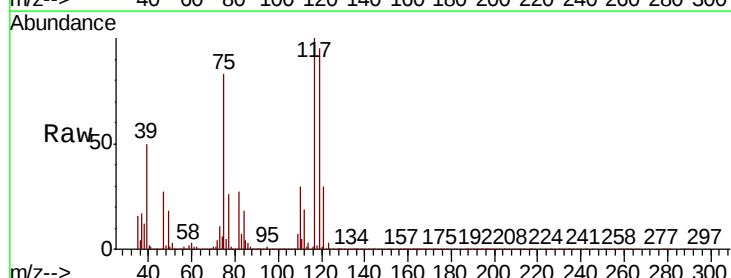
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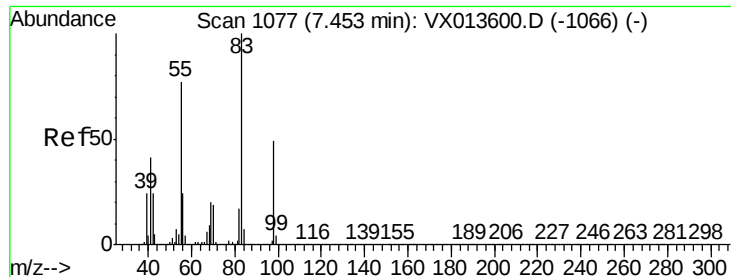
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#38
Carbon Tetrachloride
Concen: 152.441 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.5	116.3
121	30.0	25.0	37.6





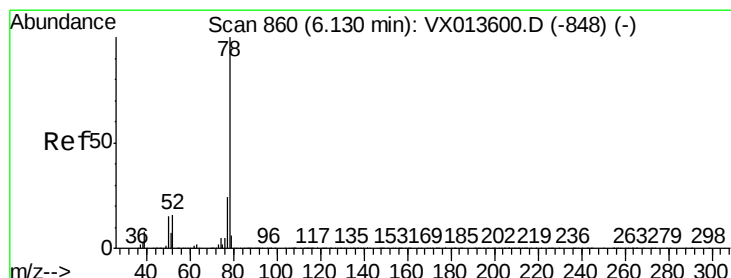
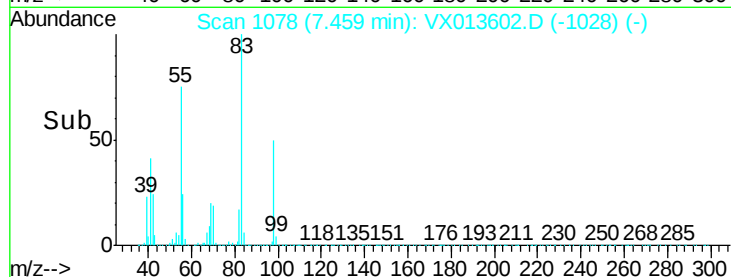
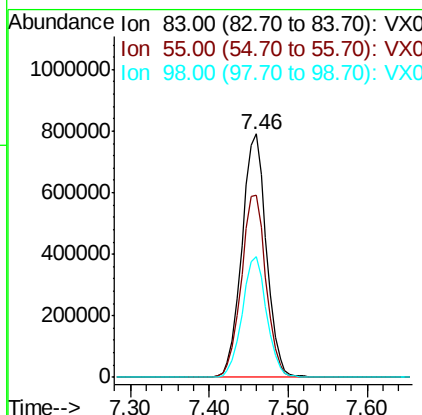
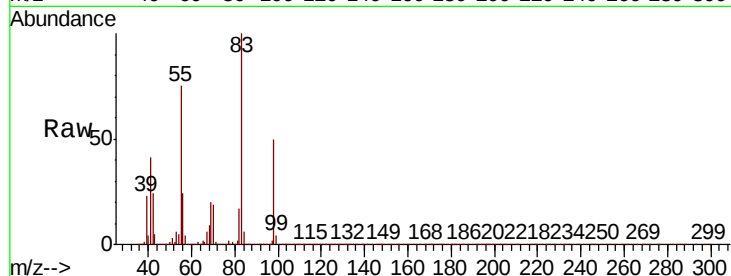
#39
Methvlcvclohexane
Concen: 152.834 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.9	92.9
98	49.8	39.4	59.0

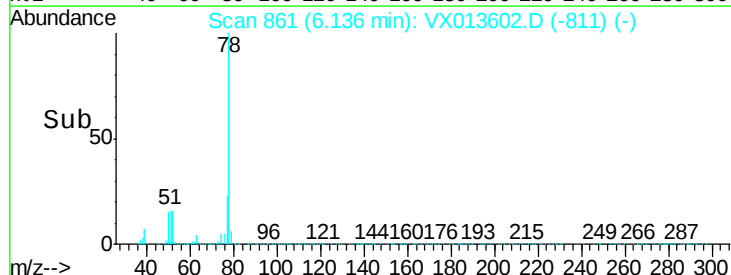
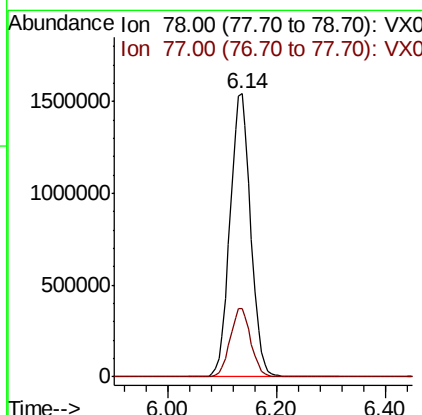
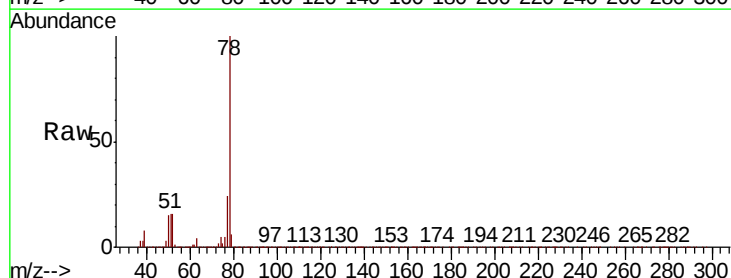
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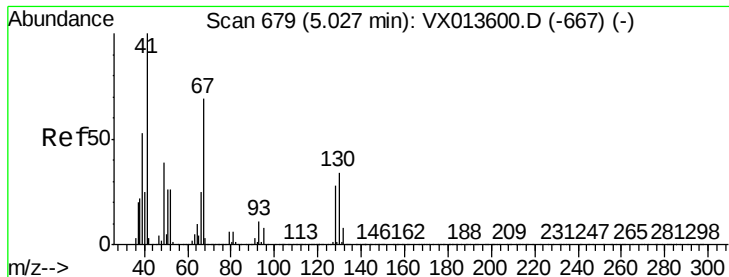
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#40
Benzene
Concen: 147.046 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





#41

Methacrylonitrile

Concen: 143.285 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013602.D

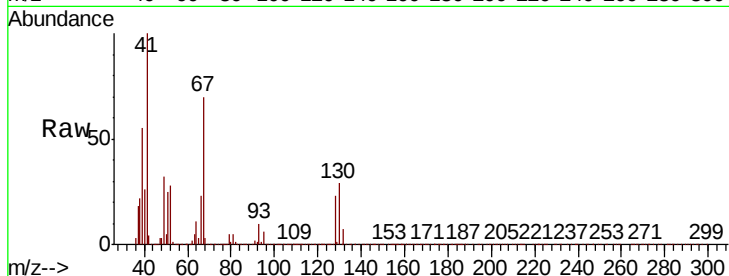
Acq: 26 Nov 2019 15:28

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	42.9	64.3
67	71.4	57.4	86.0
52	28.0	22.4	33.6

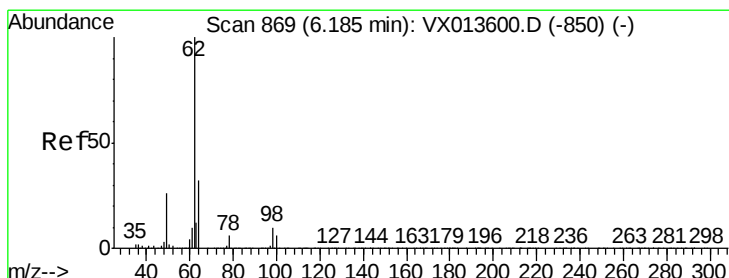
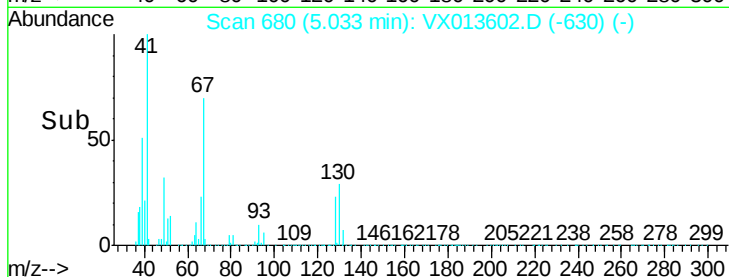
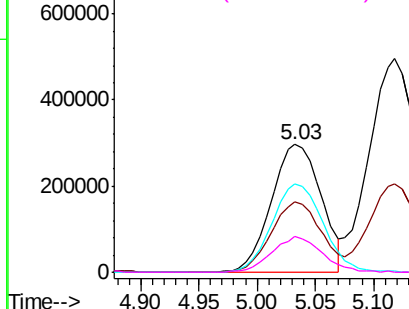
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 141.749 ug/l

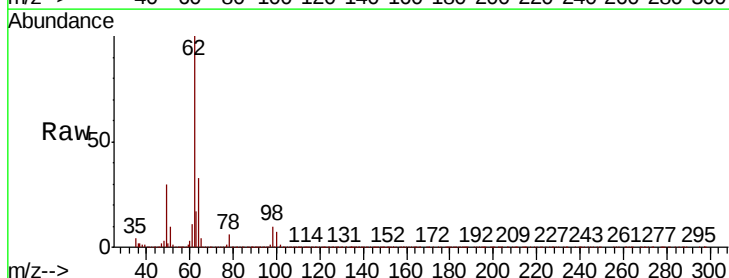
RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

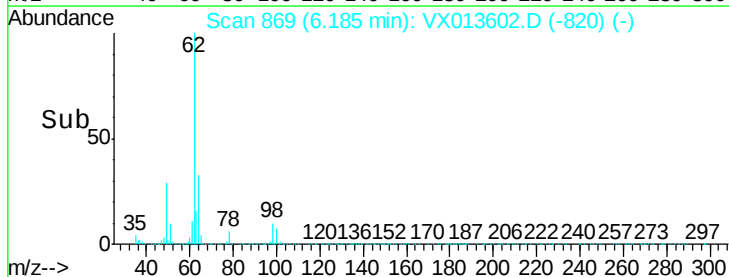
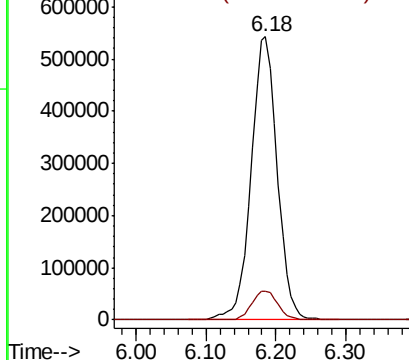
Lab File: VX013602.D

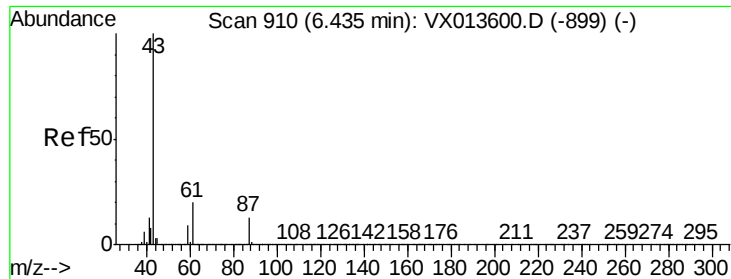
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





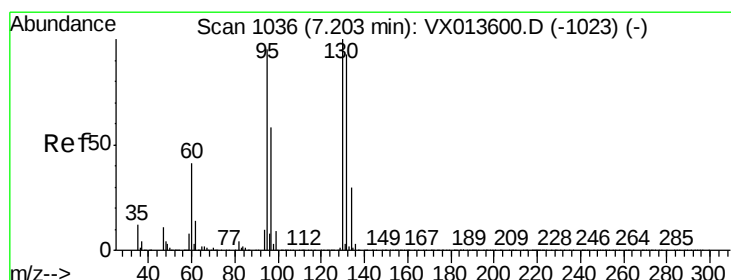
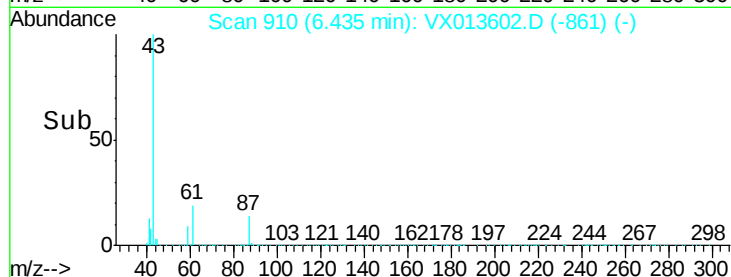
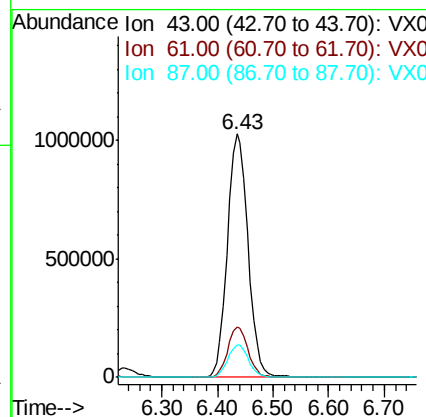
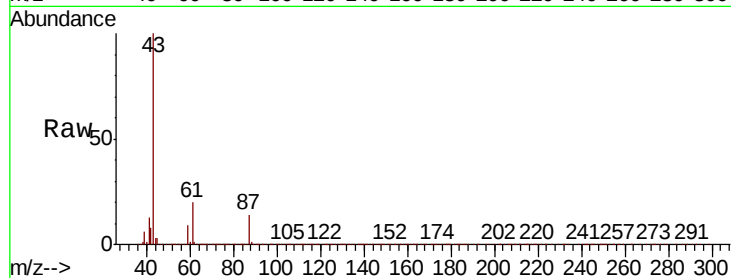
#43
Isopropyl Acetate
Concen: 153.892 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.5	10.8	16.2

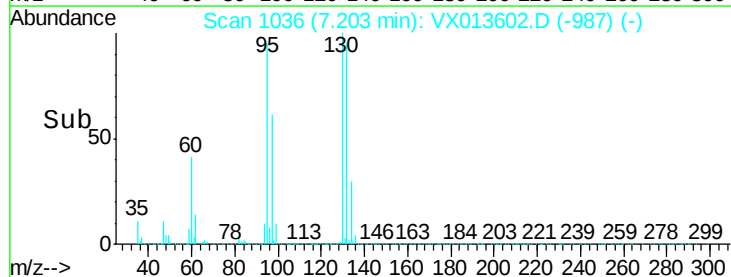
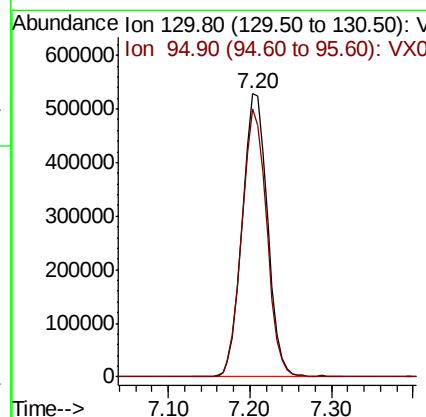
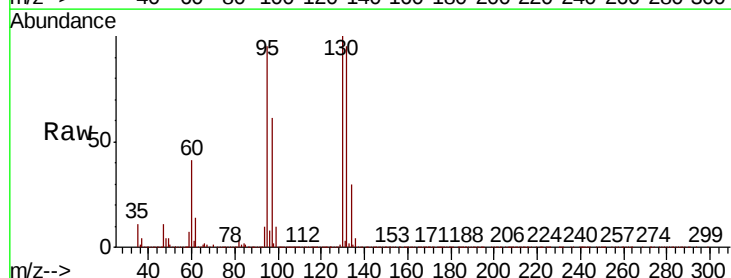
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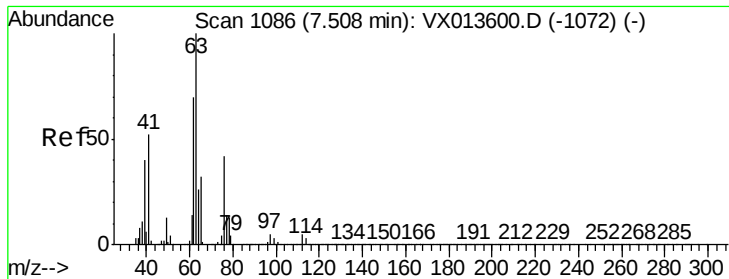
apatel
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#44
Trichloroethene
Concen: 147.413 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	190.8





#45

1,2-Dichloropropane

Concen: 151.156 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 1069271

Ion Ratio Lower Upper

63 100

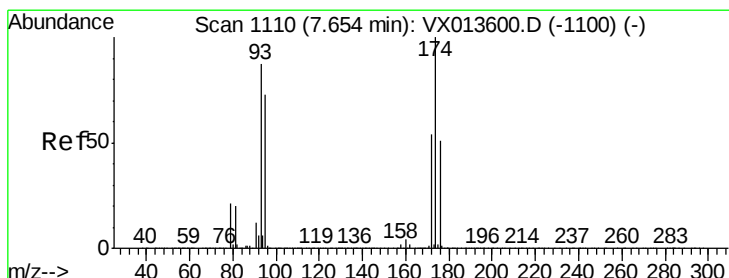
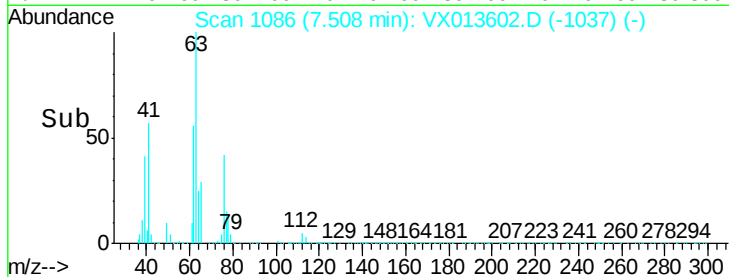
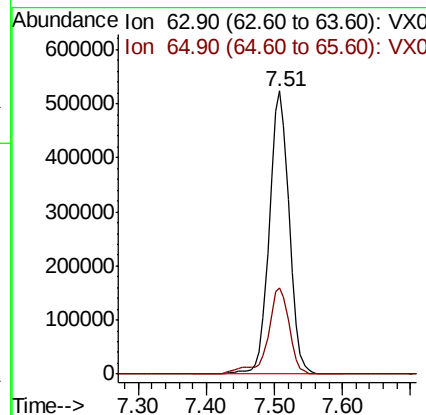
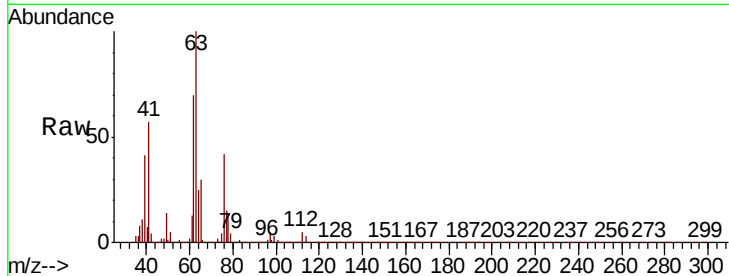
65 30.4 25.5 38.3

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#46

Dibromomethane

Concen: 145.235 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

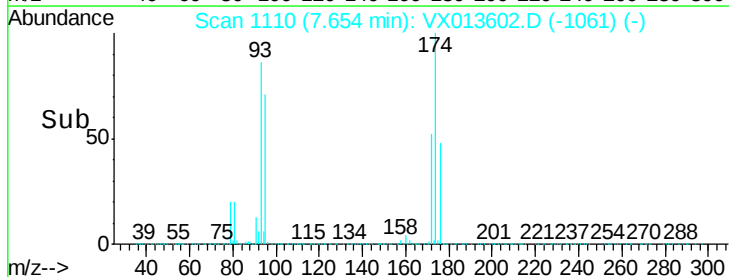
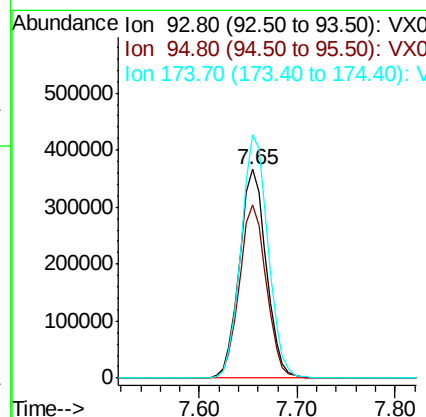
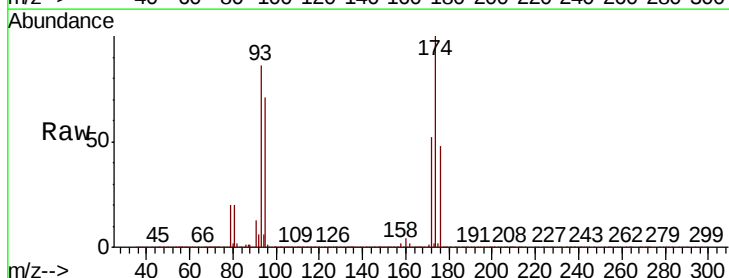
Tgt Ion: 93 Resp: 698118

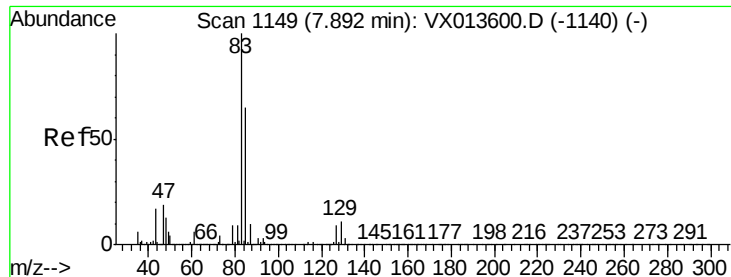
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 117.1 93.4 140.0





#47

Bromodichloromethane

Concen: 155.409 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1411276

Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1

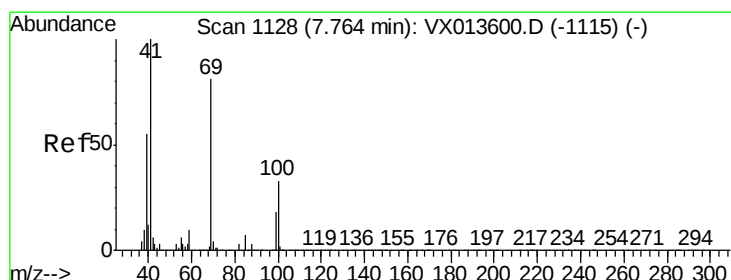
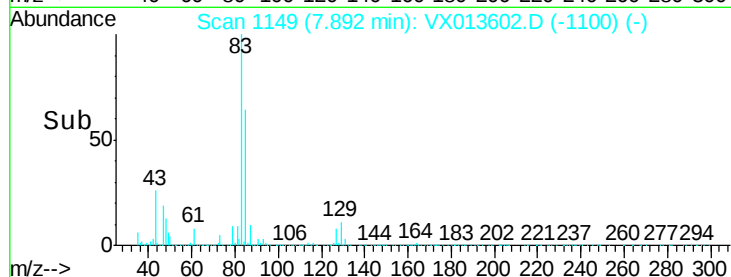
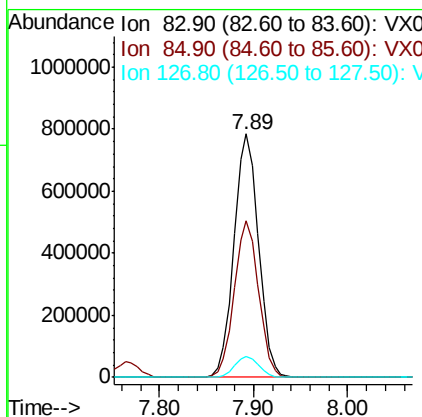
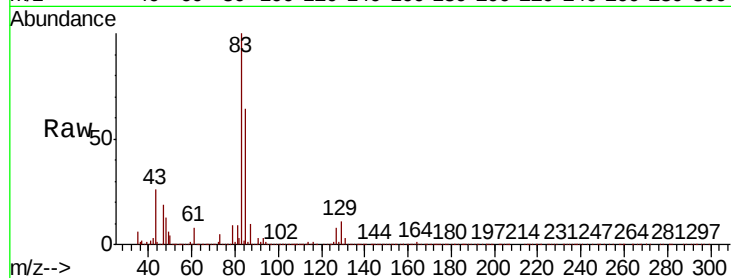
127 8.4 7.0 10.4

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#48

Methyl methacrylate

Concen: 155.442 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

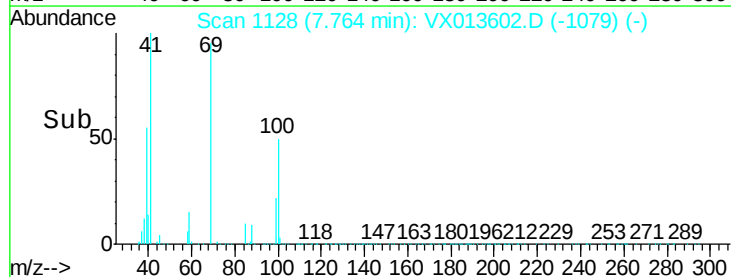
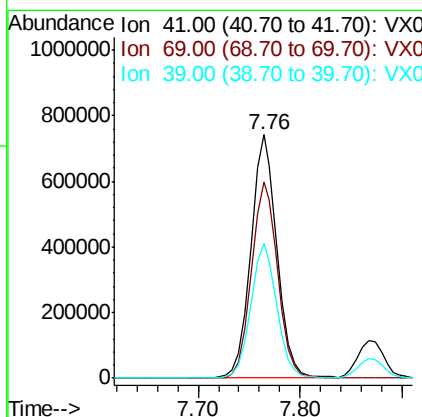
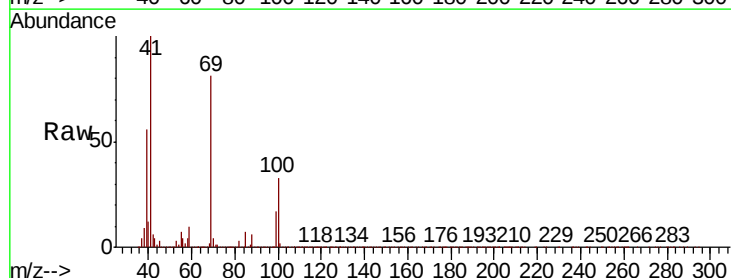
Tgt Ion: 41 Resp: 1319540

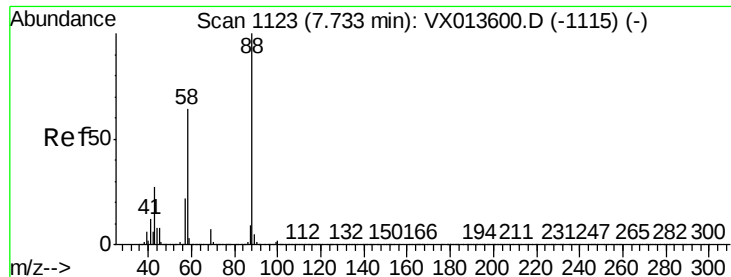
Ion Ratio Lower Upper

41 100

69 81.6 64.7 97.1

39 55.4 43.8 65.6





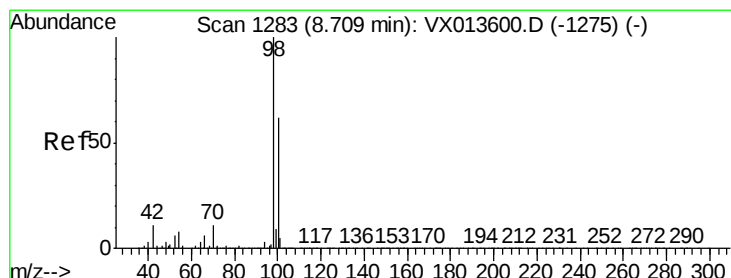
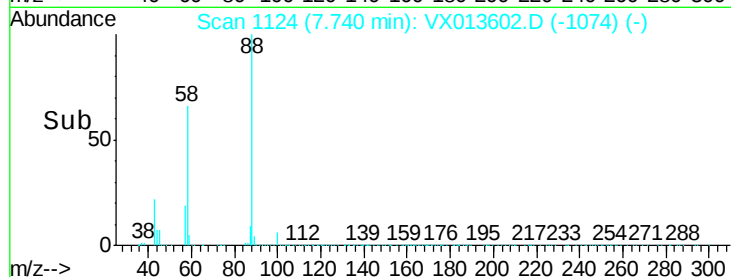
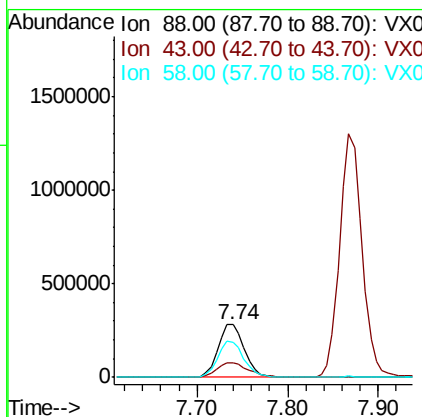
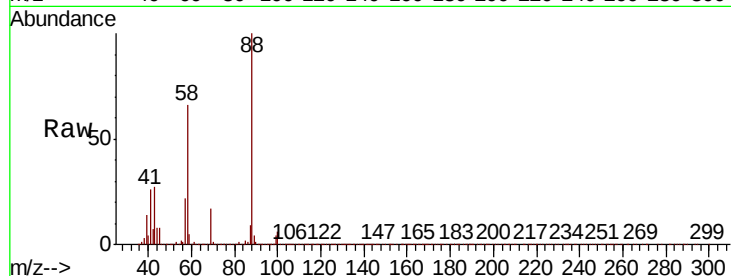
#49
1,4-Dioxane
Concen: 2912.405 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.6
58	69.6	54.6	82.0

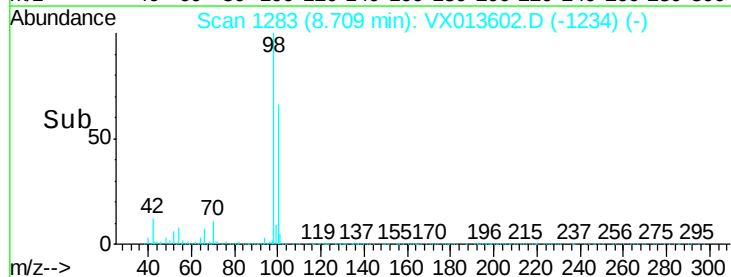
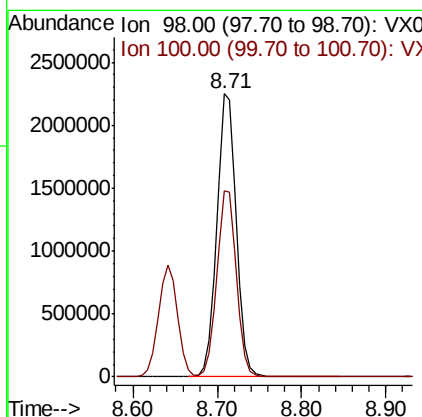
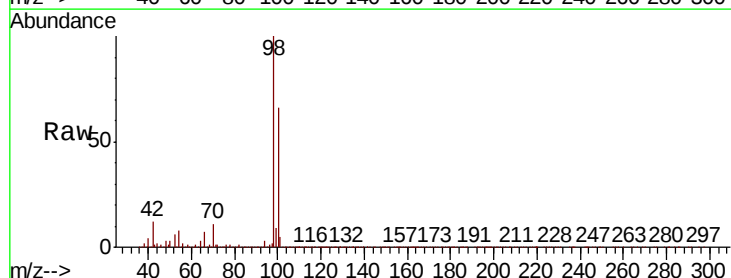
Manual Integrations
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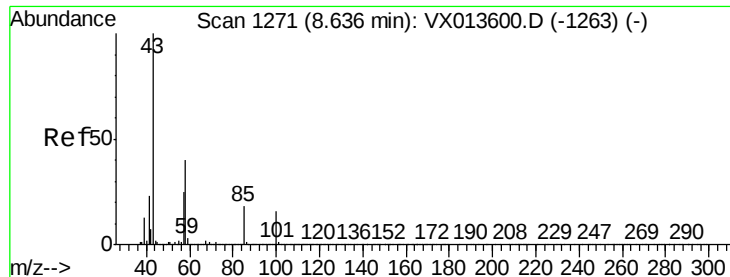
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#50
Toluene-d8
Concen: 146.934 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 728.957 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 8114418

Ion Ratio Lower Upper

43 100

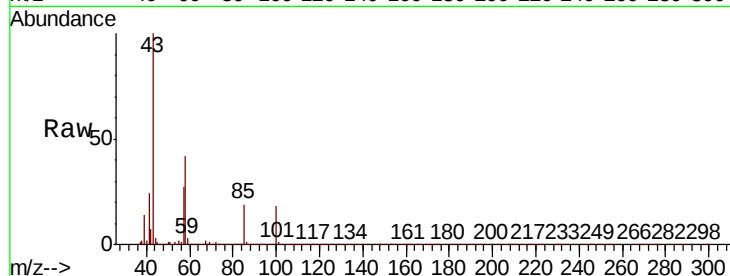
58 41.5 32.1 48.1

Manual Integrations

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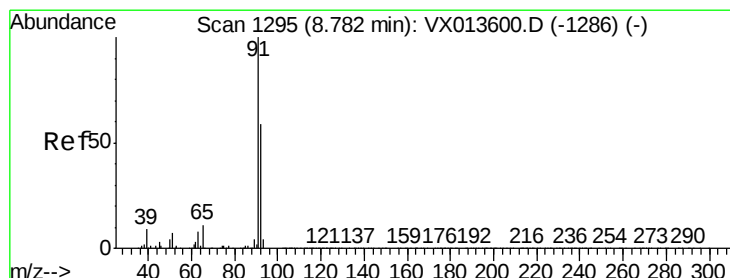
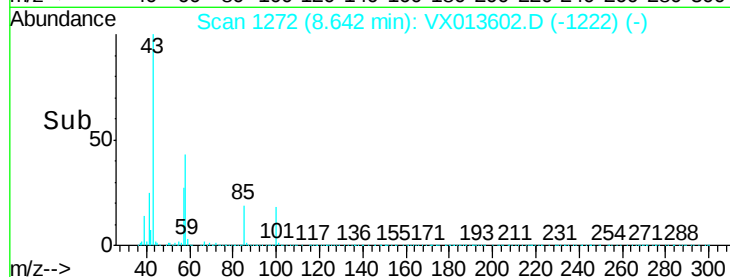
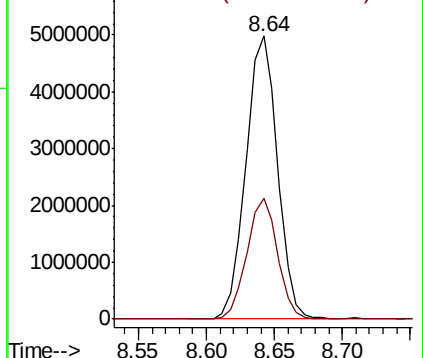
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 149.578 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013602.D

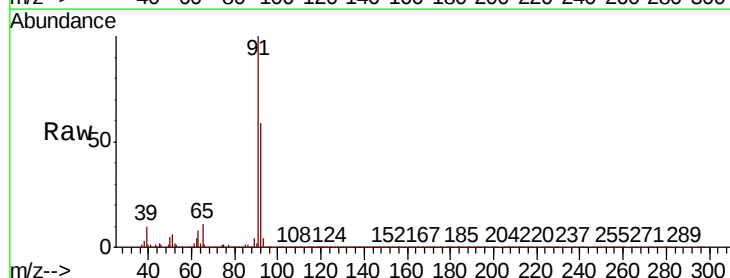
Acq: 26 Nov 2019 15:28

Tgt Ion: 92 Resp: 2578893

Ion Ratio Lower Upper

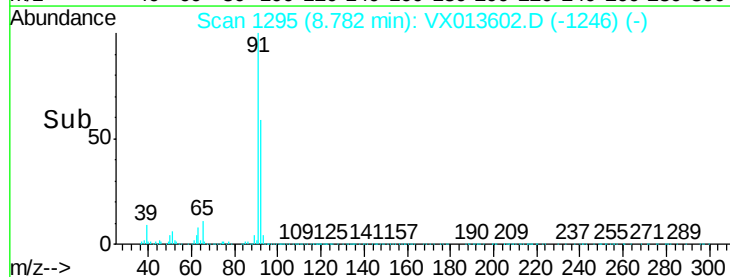
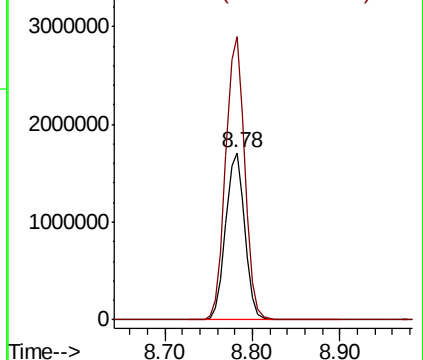
92 100

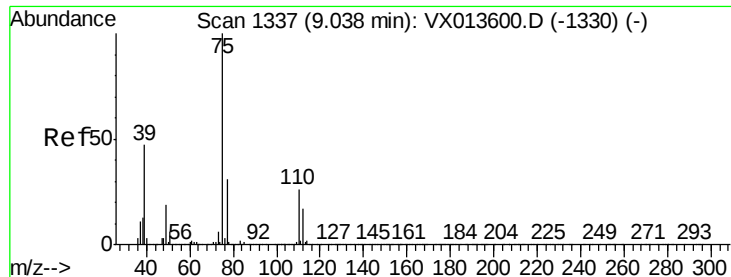
91 169.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





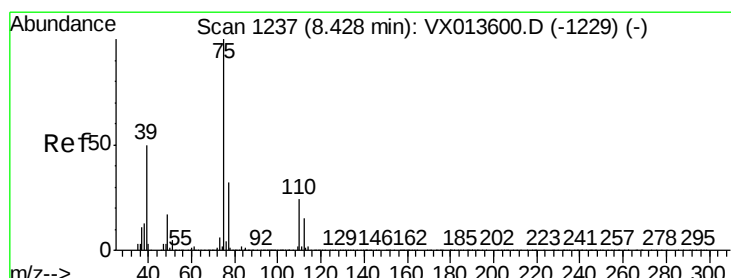
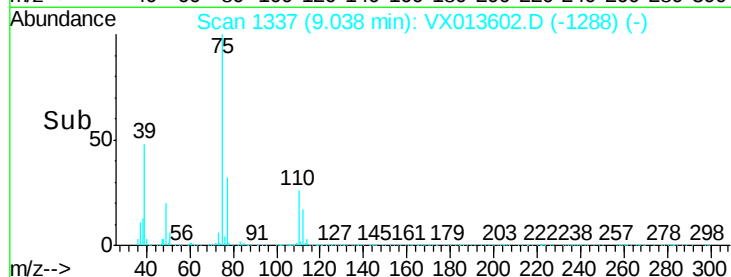
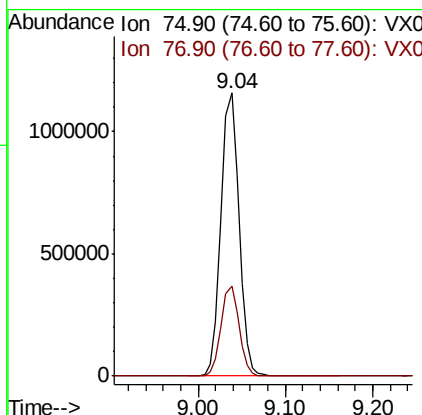
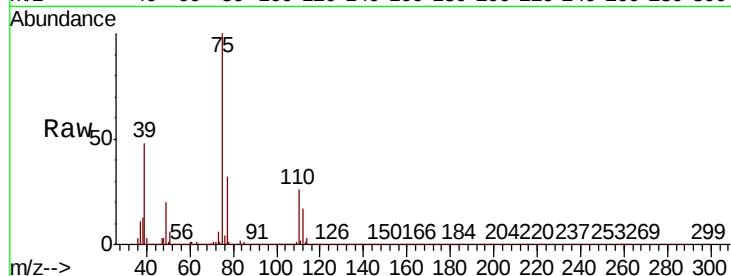
#53
t-1,3-Dichloropropene
Concen: 165.743 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1652022
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6

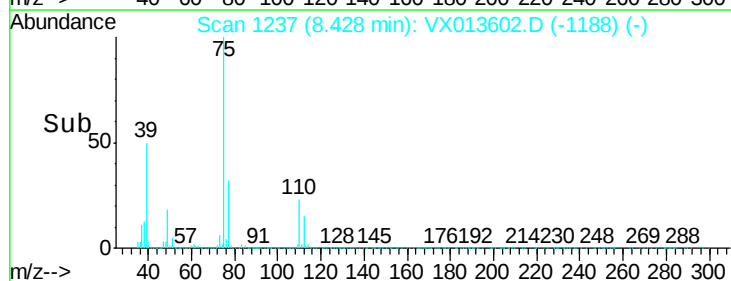
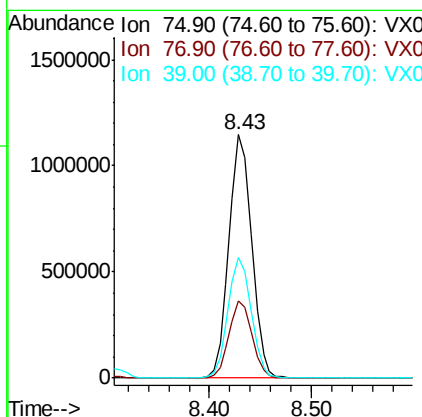
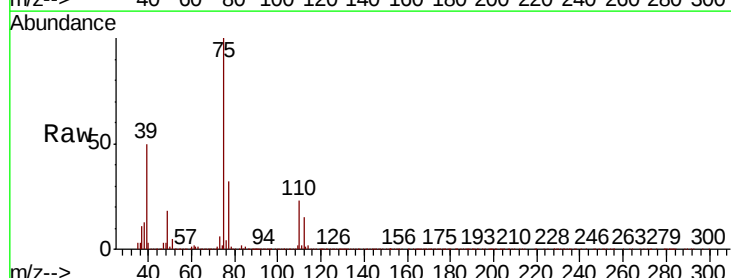
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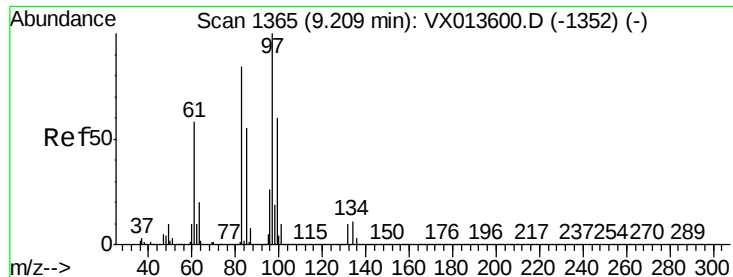
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#54
cis-1,3-Dichloropropene
Concen: 158.944 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion: 75 Resp: 1775428
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
39 49.8 39.9 59.9





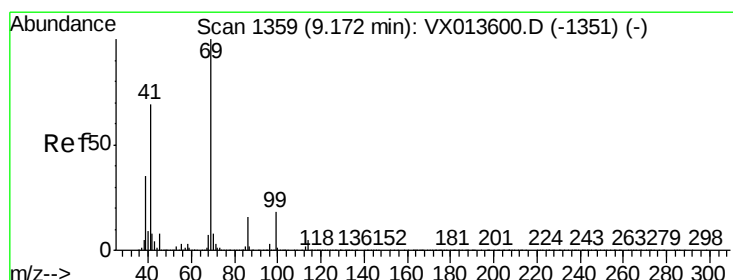
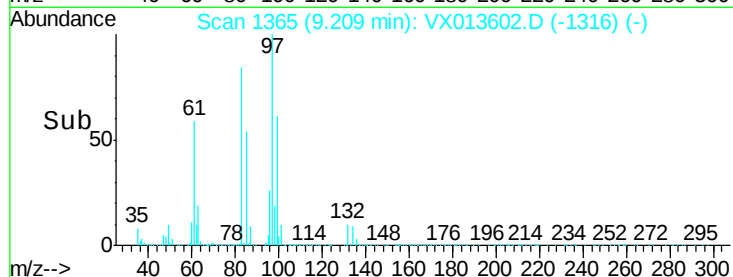
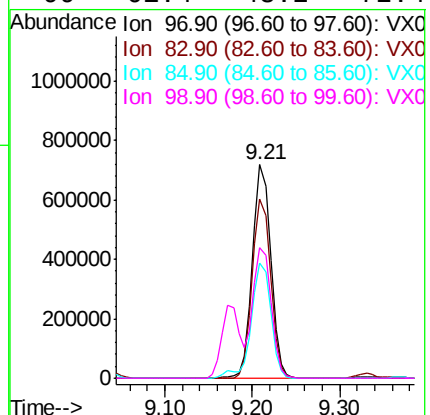
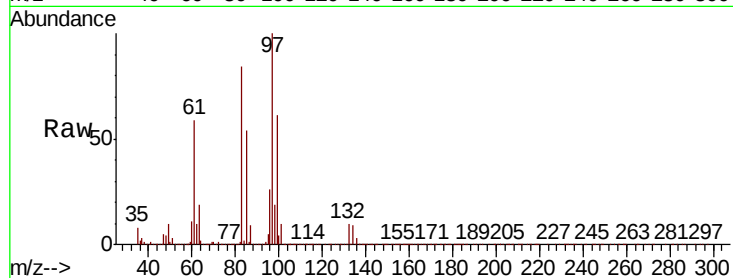
#55
 1,1,2-Trichloroethane
 Concen: 147.088 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013602.D
 Acq: 26 Nov 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	1046644
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.3	100.9
85	54.2	43.6	65.4
99	61.4	48.2	72.4

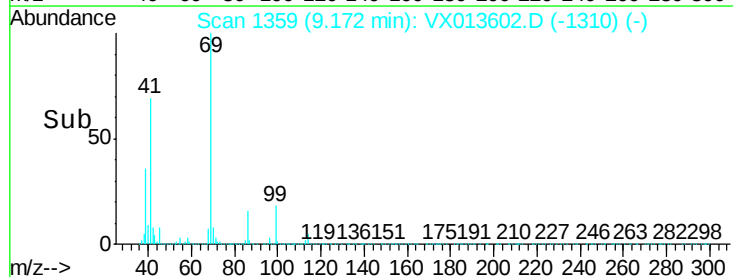
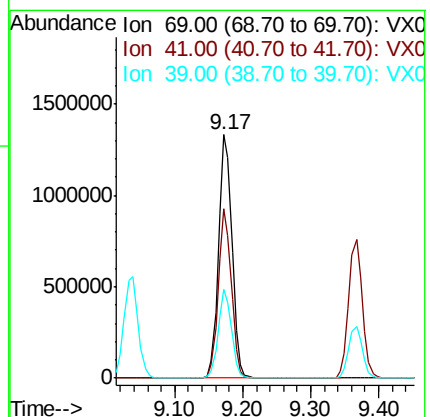
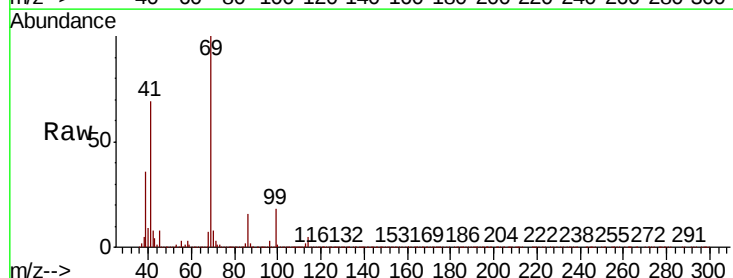
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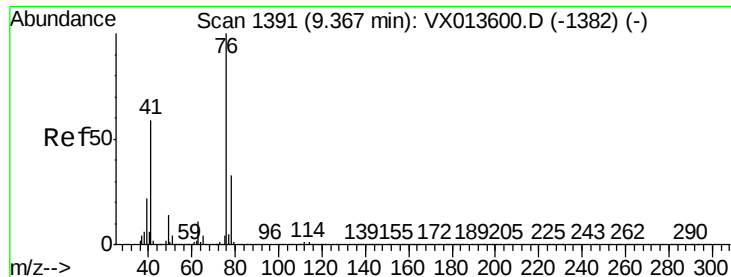
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#56
 Ethyl methacrylate
 Concen: 165.453 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013602.D
 Acq: 26 Nov 2019 15:28

Tgt Ion:	69	Resp:	1822532
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.0	82.4
39	35.6	28.7	43.1





#57

1,3-Dichloropropane

Concen: 146.951 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1775354

Ion Ratio Lower Upper

76 100

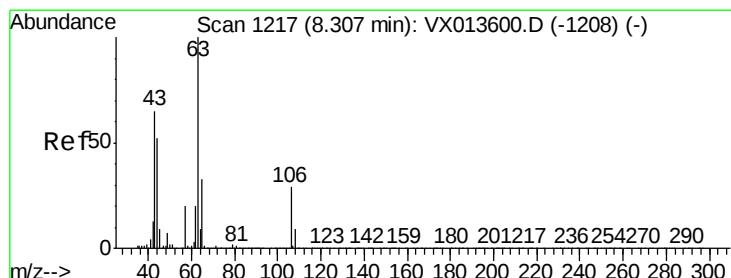
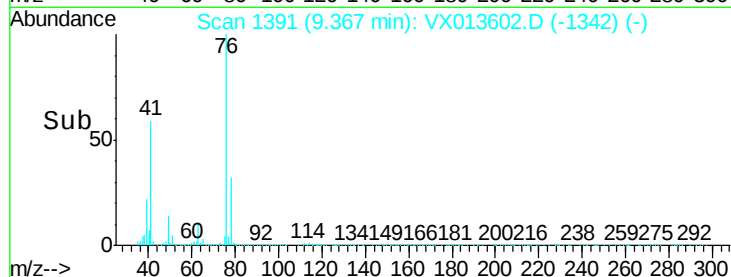
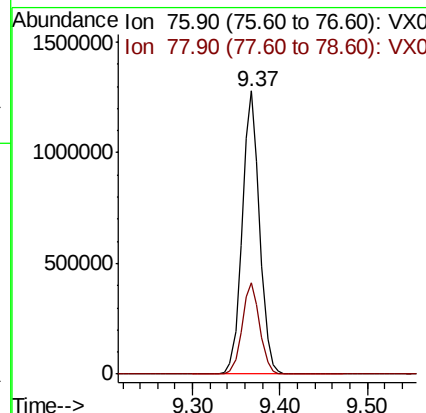
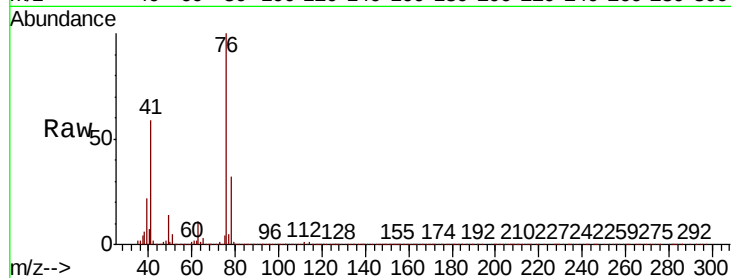
78 32.6 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 724.188 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013602.D

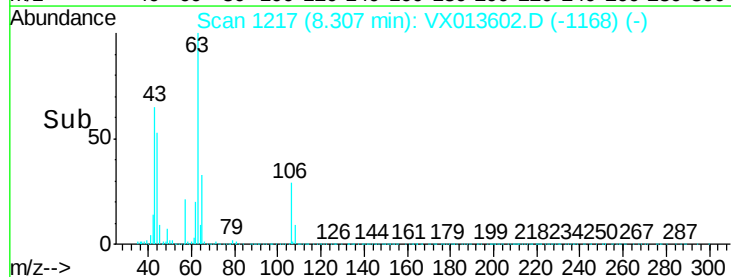
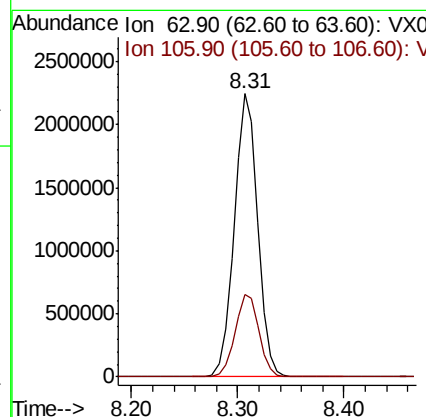
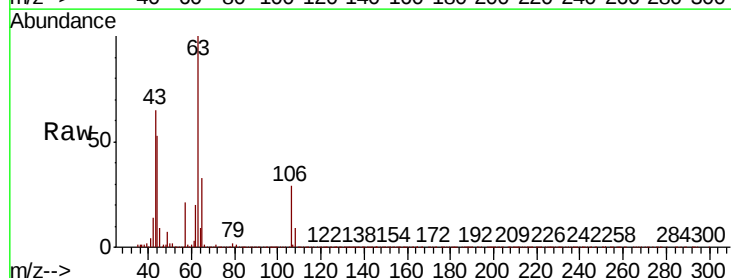
Acq: 26 Nov 2019 15:28

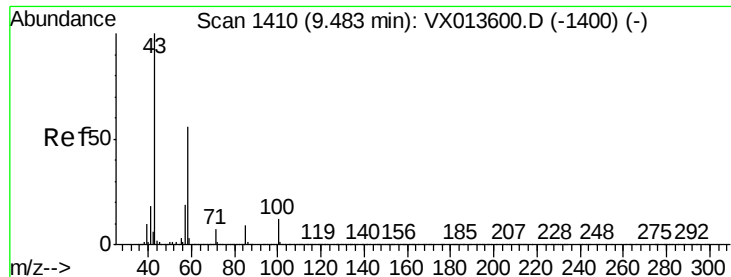
Tgt Ion: 63 Resp: 3447579

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.0





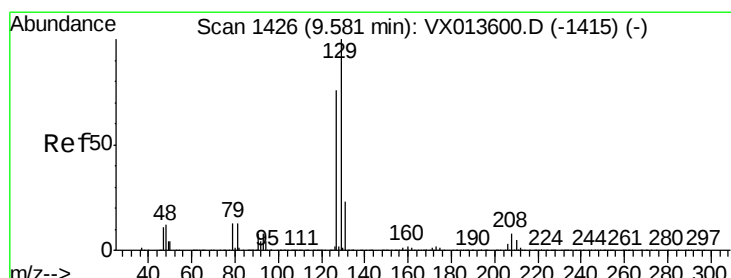
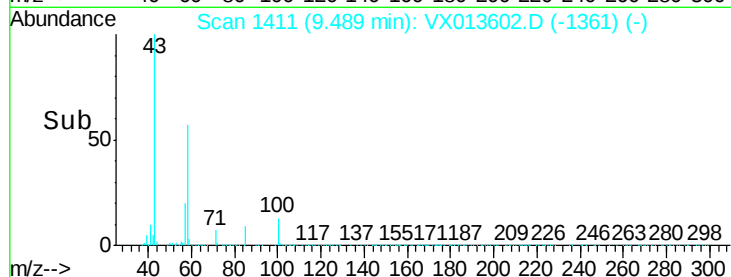
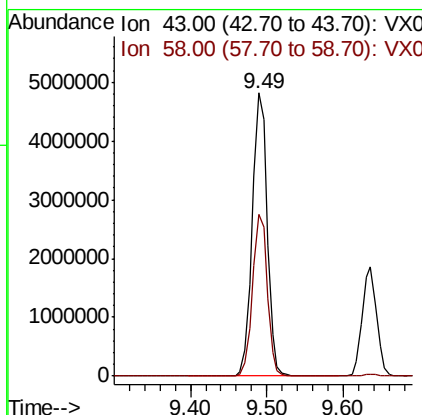
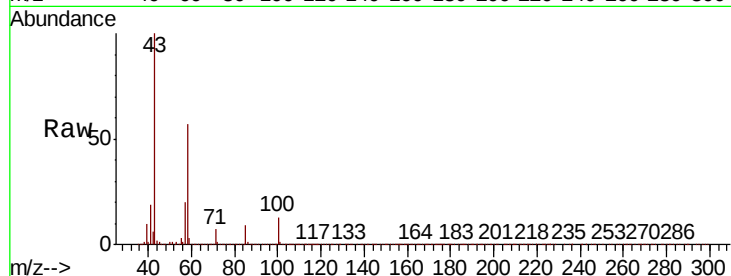
#59
2-Hexanone
Concen: 759.595 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 6532370
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.4

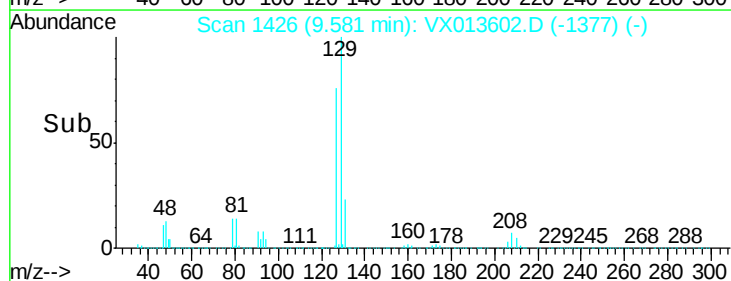
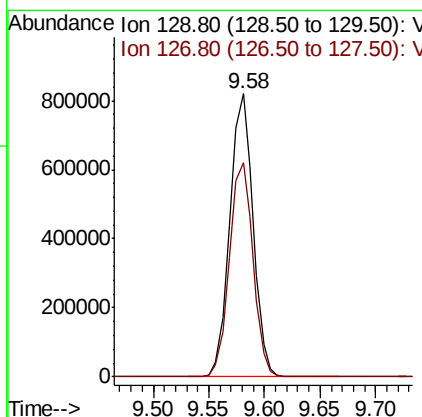
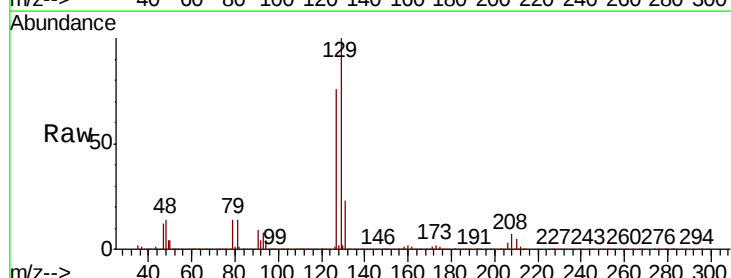
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#60
Dibromochloromethane
Concen: 162.259 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion: 129 Resp: 1181373
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 150.239 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 1132261

Ion Ratio Lower Upper

107 100

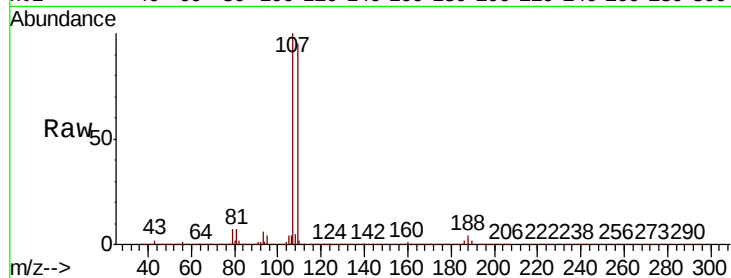
109 93.6 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

800000

600000

400000

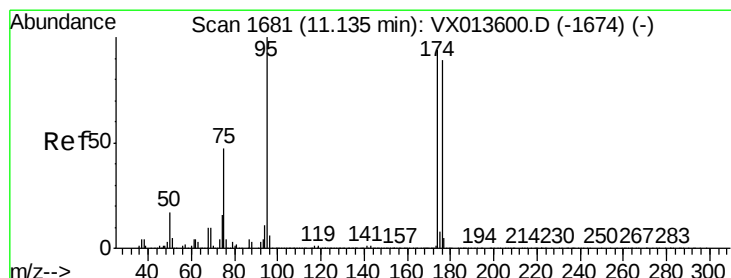
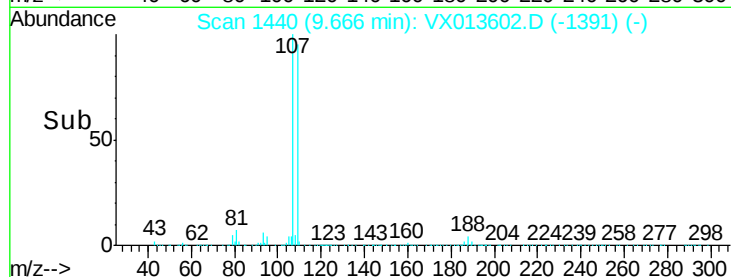
200000

0

9.60

9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 156.469 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

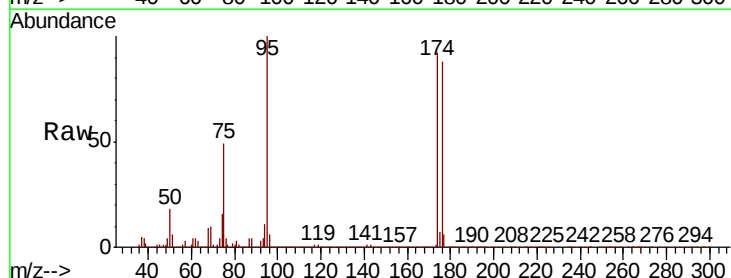
Tgt Ion: 95 Resp: 1382403

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 87.5 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

1500000

1000000

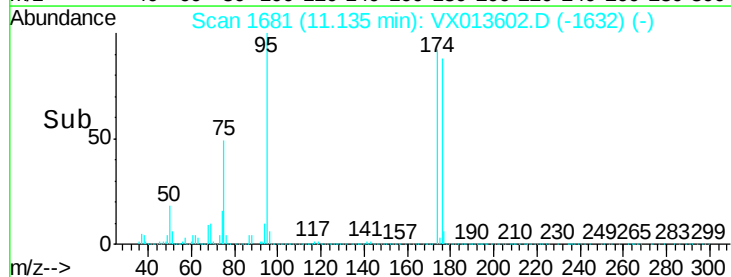
500000

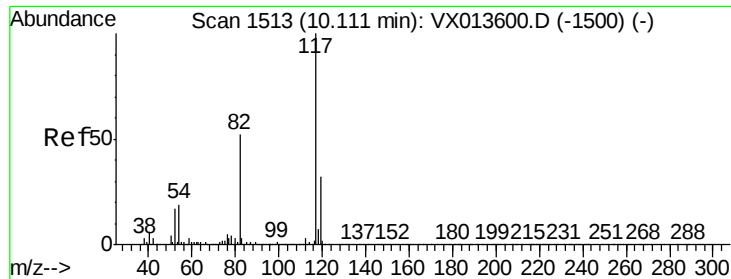
0

11.10

11.20

Time-->





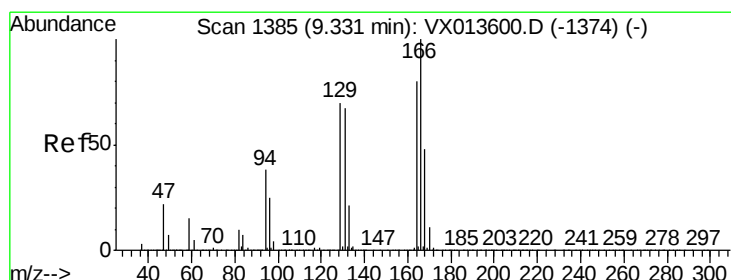
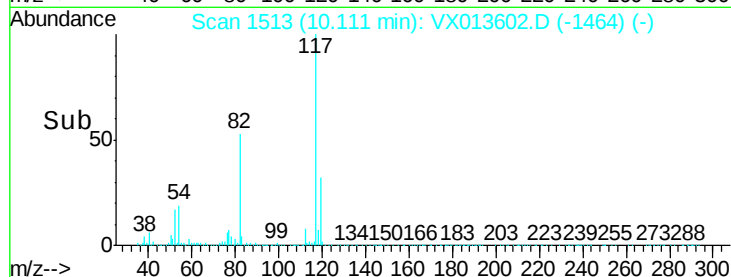
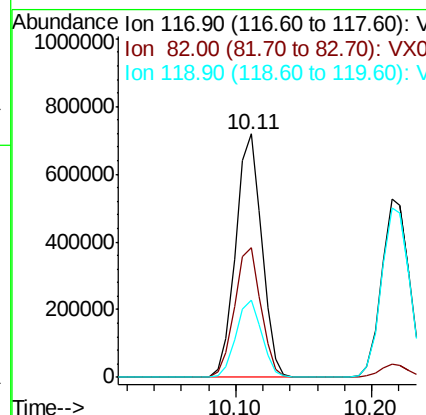
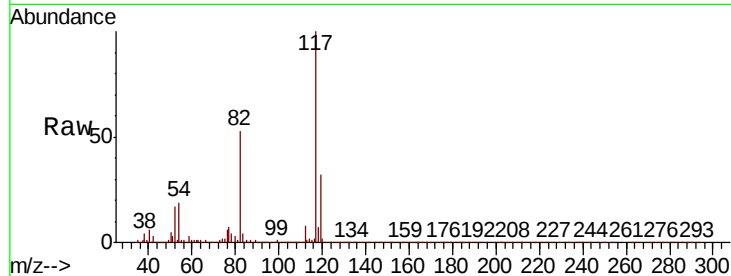
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.3	41.8	62.8
119	31.9	25.8	38.8

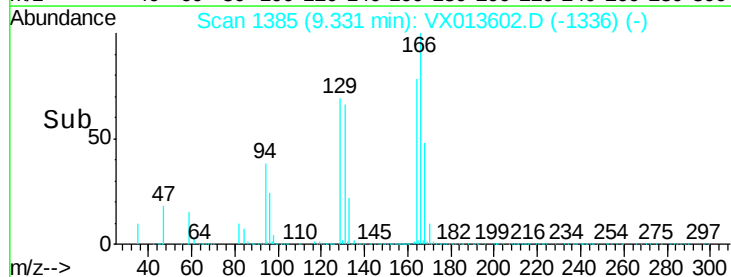
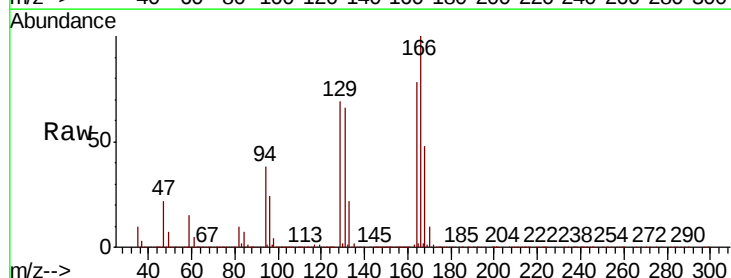
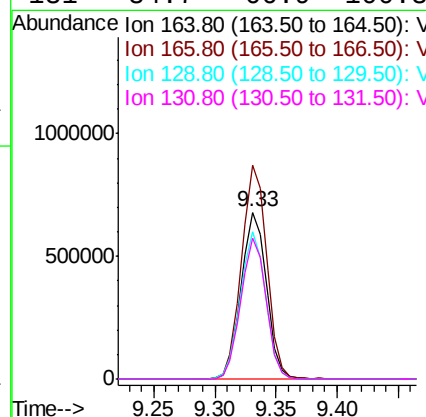
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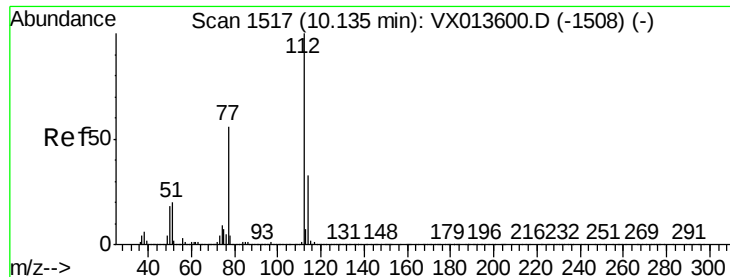
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#64
Tetrachloroethene
Concen: 142.160 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.9	99.7	149.5
129	88.0	70.1	105.1
131	84.7	66.9	100.3





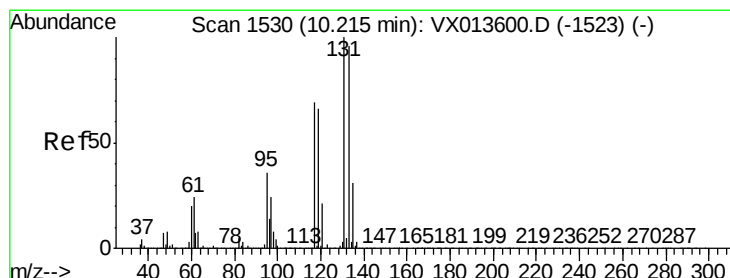
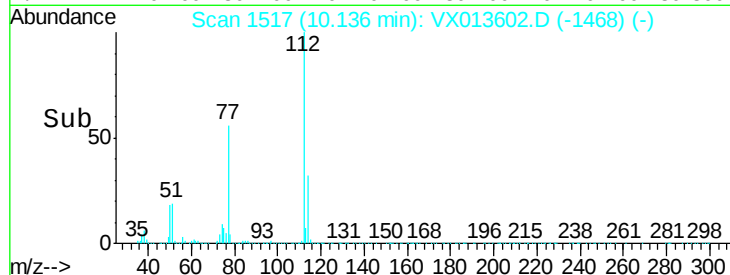
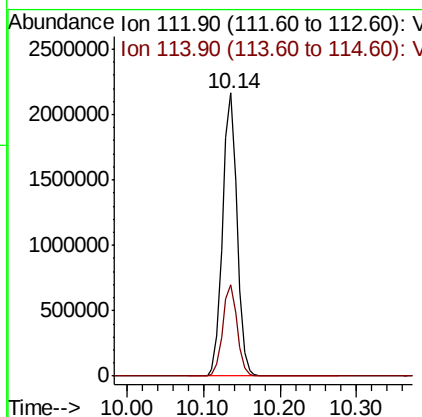
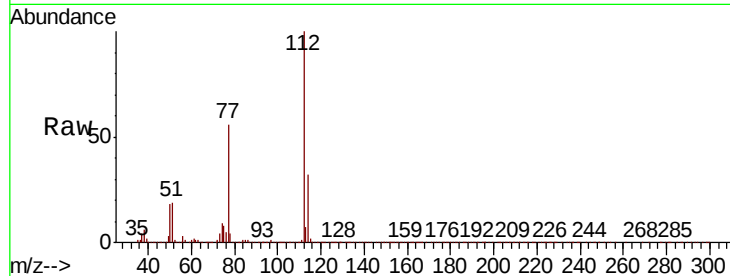
#65
Chlorobenzene
Concen: 146.453 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2827066
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

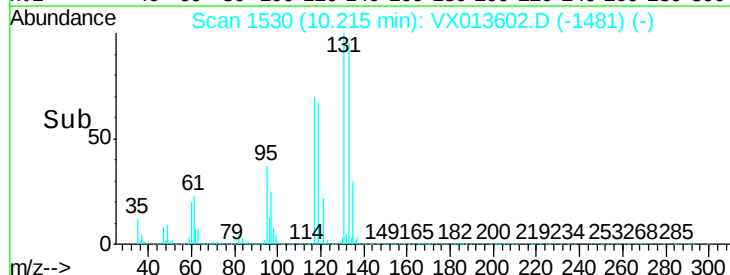
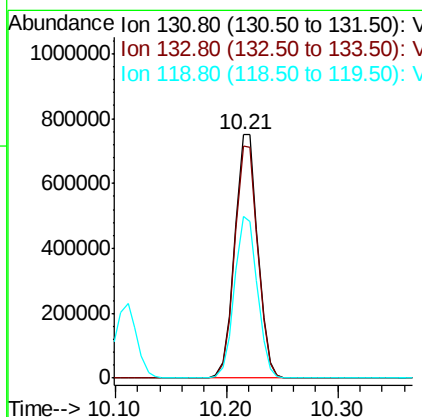
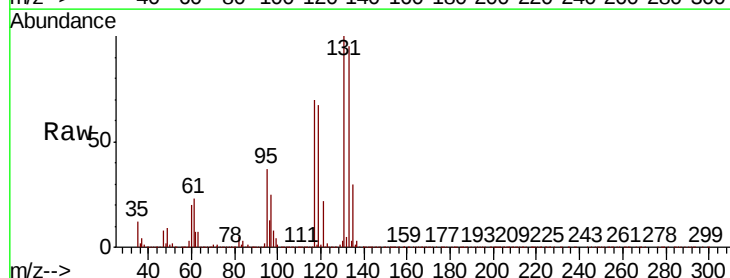
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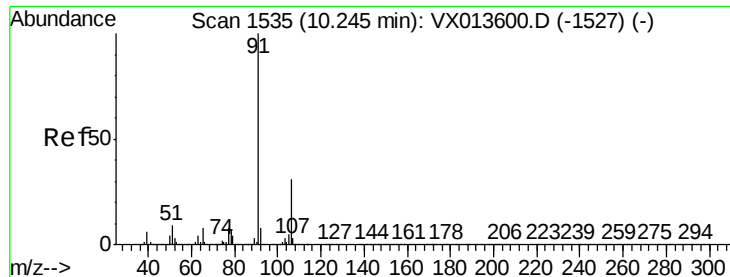
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 151.365 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion:131 Resp: 1070588
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 66.4 32.9 98.6





#67

Ethyl Benzene

Concen: 147.249 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 4911337

Ion Ratio Lower Upper

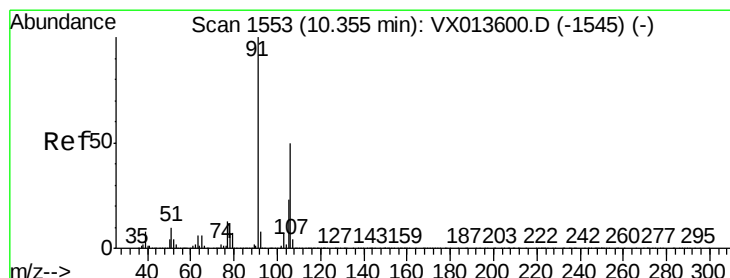
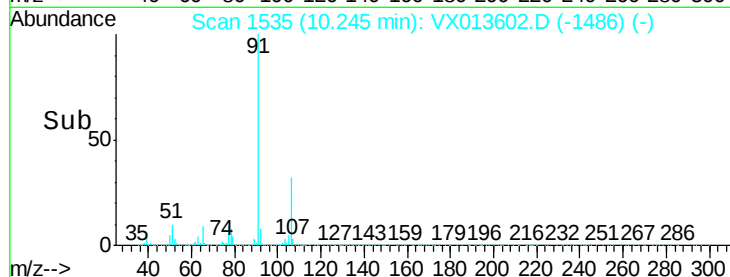
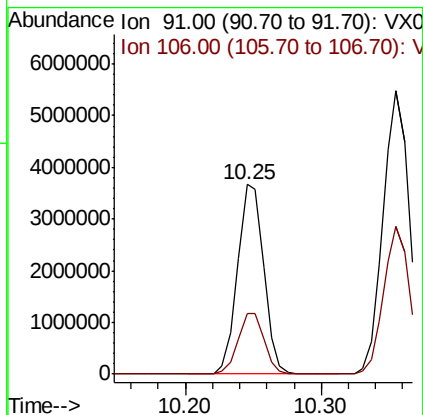
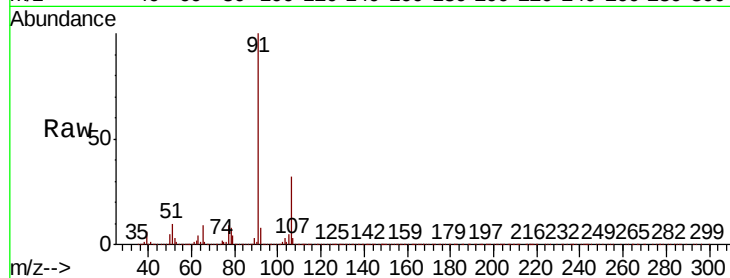
91 100

106 31.7 24.5 36.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 301.399 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013602.D

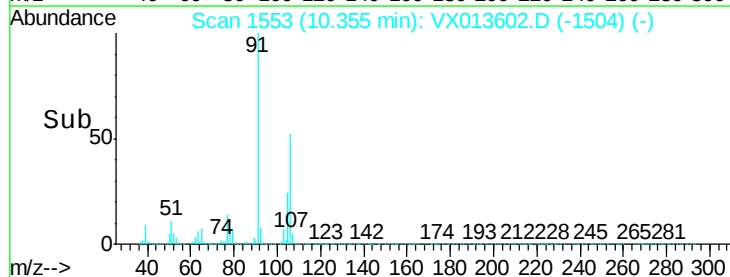
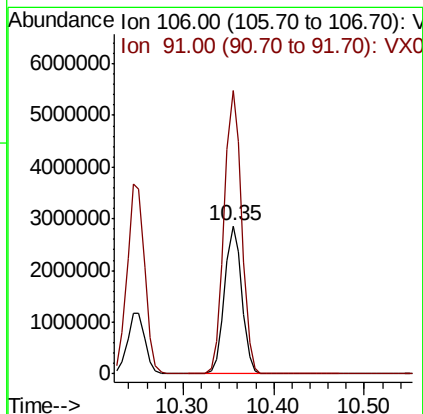
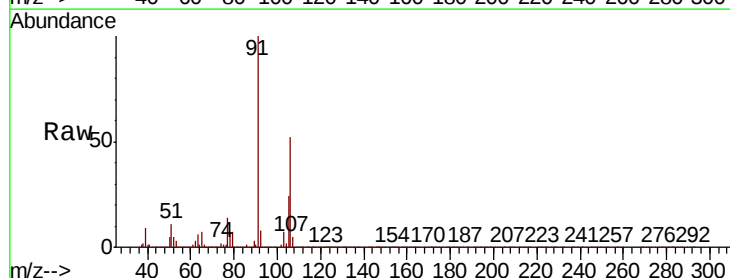
Acq: 26 Nov 2019 15:28

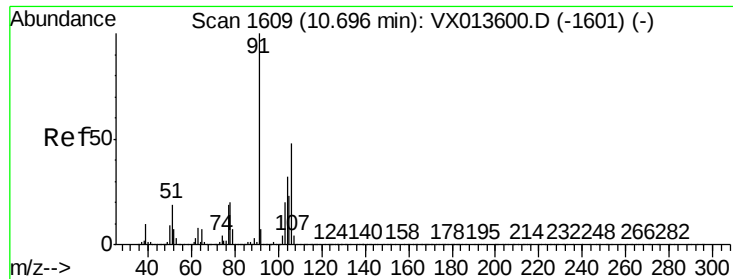
Tgt Ion: 106 Resp: 3792052

Ion Ratio Lower Upper

106 100

91 194.2 159.0 238.4





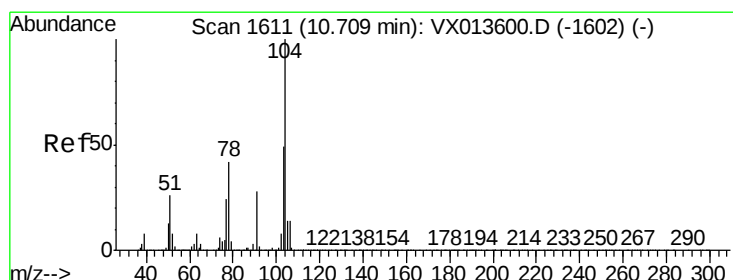
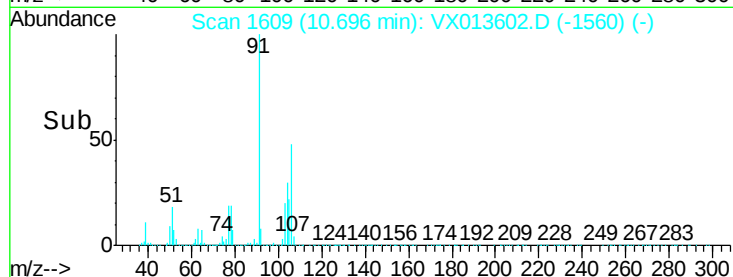
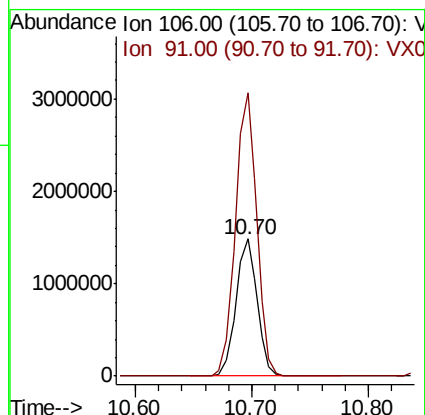
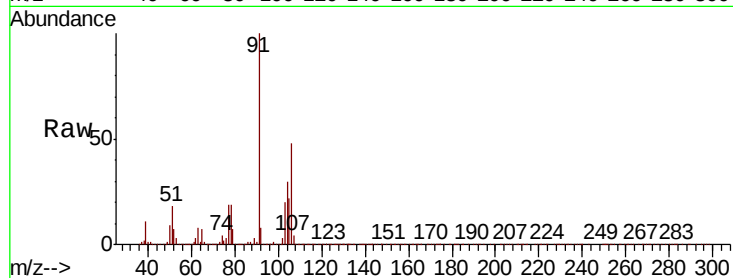
#69
o-Xylene
Concen: 151.360 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1871784
Ion Ratio Lower Upper
106 100
91 208.3 104.1 312.2

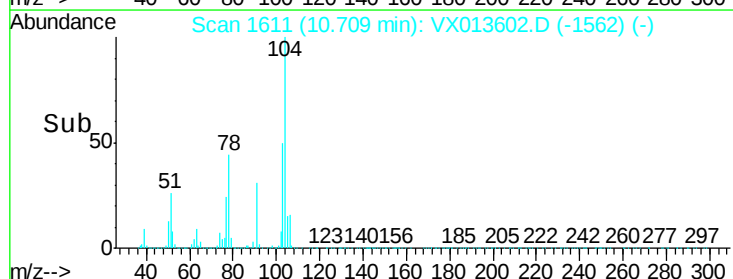
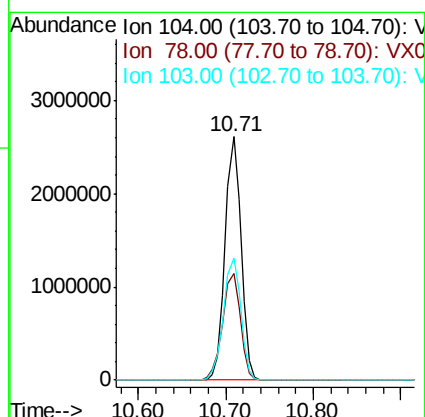
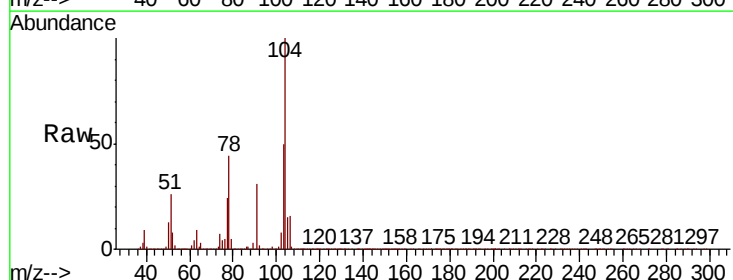
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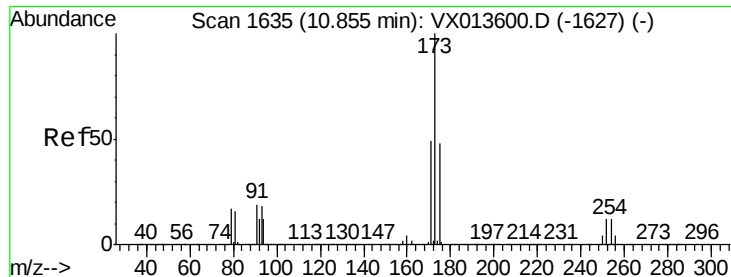
apatel
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#70
Styrene
Concen: 159.258 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion:104 Resp: 3283140
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.9 43.7 65.5





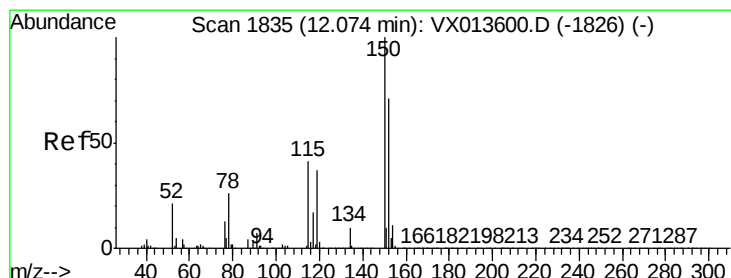
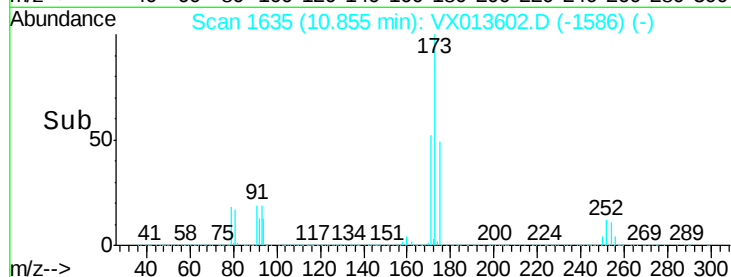
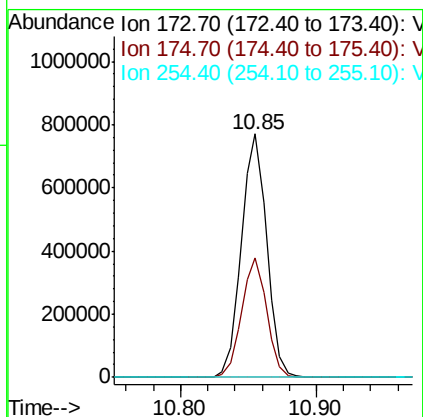
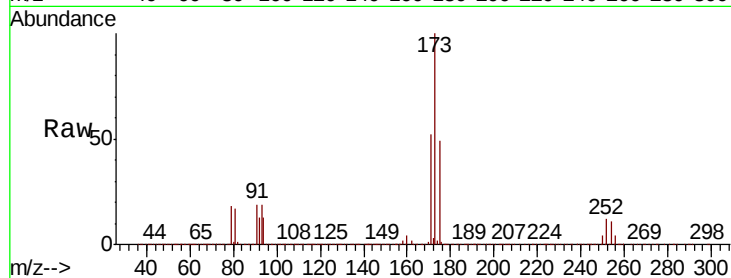
#71
Bromoform
Concen: 174.573 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.4

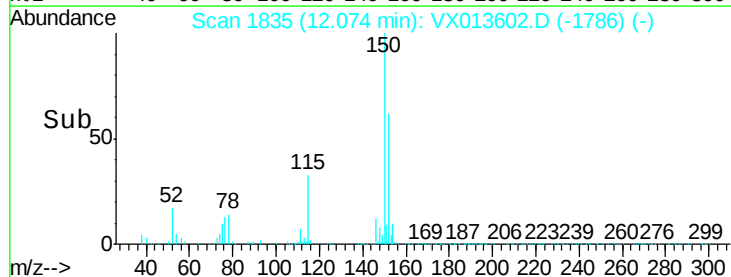
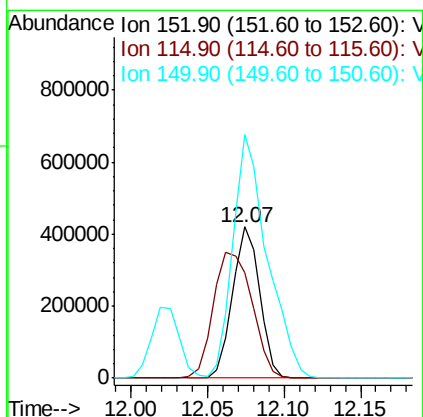
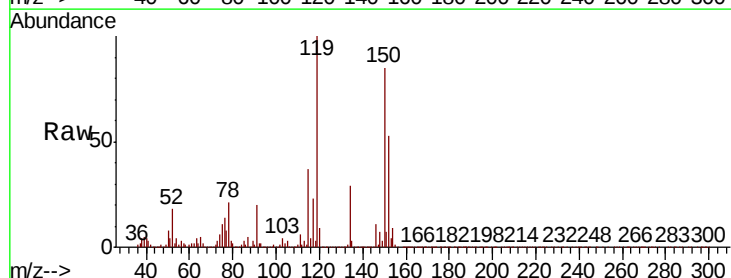
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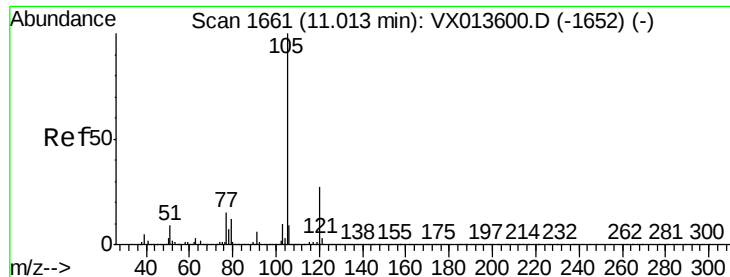
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	118.0	38.4	115.1
150	203.5	0.0	346.8





#73

Isopropylbenzene

Concen: 140.225 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4823514

Ion Ratio Lower Upper

105 100

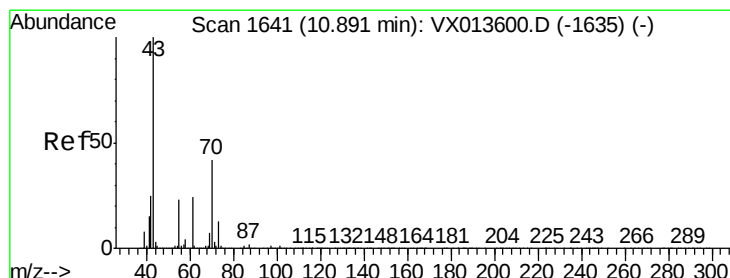
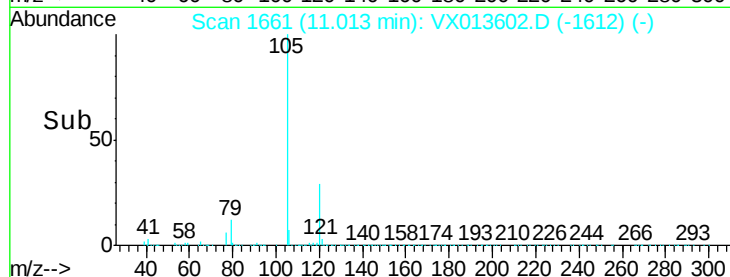
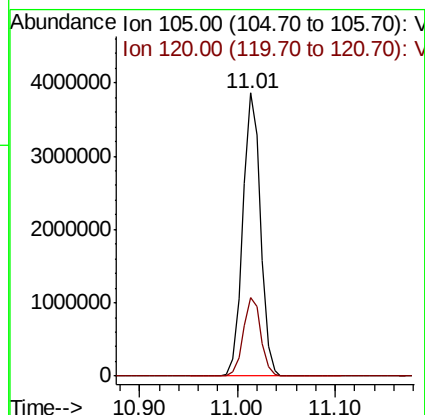
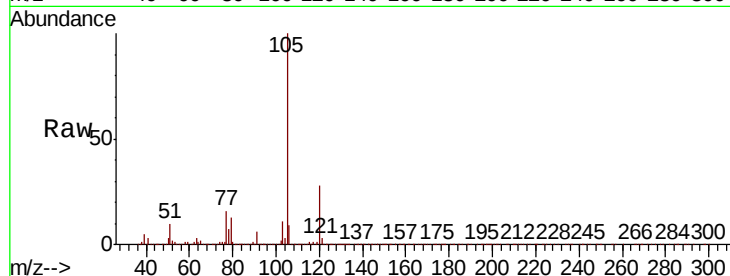
120 27.6 13.5 40.5

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#74

N-ethyl acetate

Concen: 157.591 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Tgt Ion: 43 Resp: 2501187

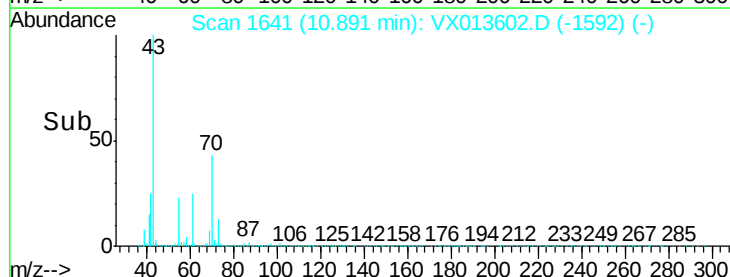
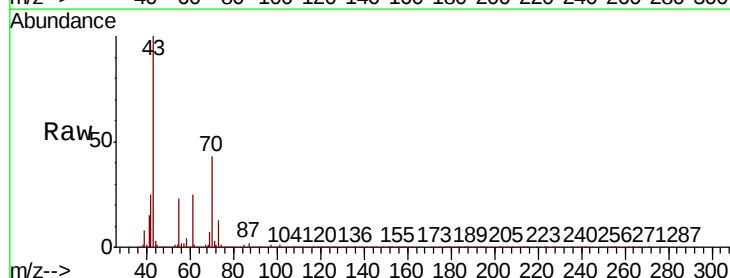
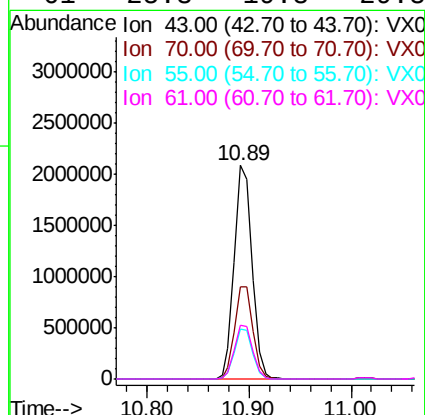
Ion Ratio Lower Upper

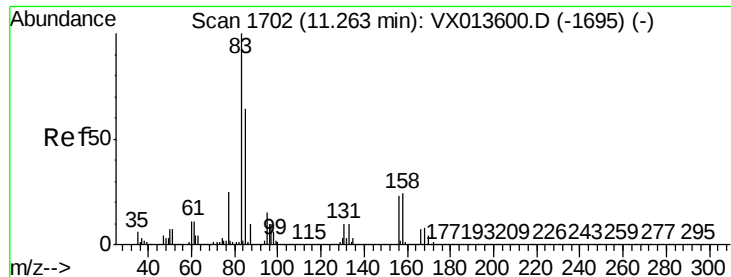
43 100

70 44.2 34.3 51.5

55 23.5 18.5 27.7

61 25.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 144.414 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1802053

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

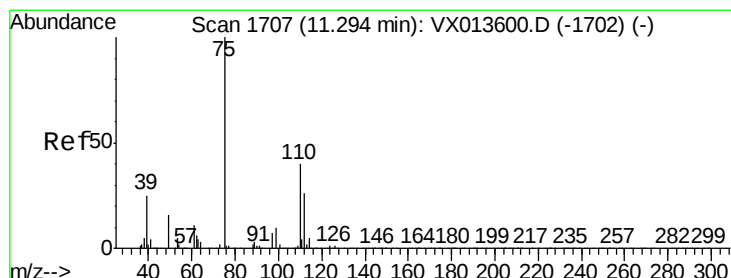
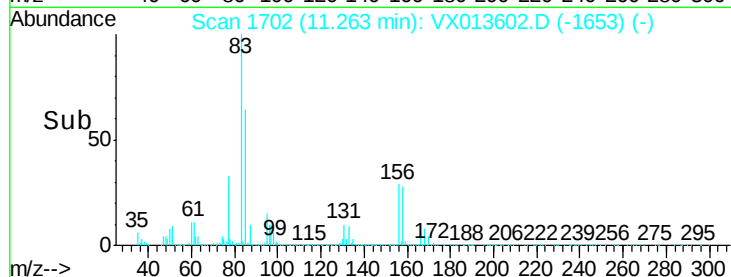
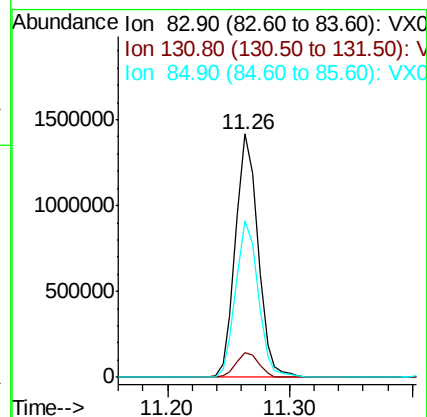
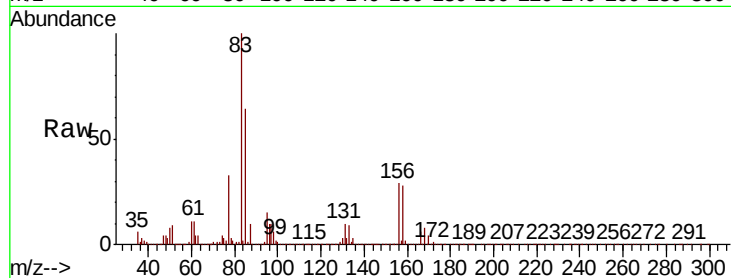
85 64.4 31.8 95.3

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#76

1,2,3-Trichloropropane

Concen: 149.138 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013602.D

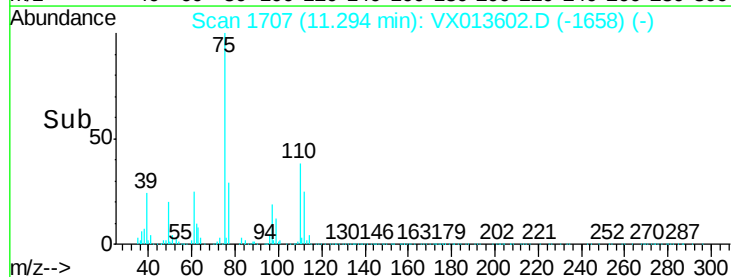
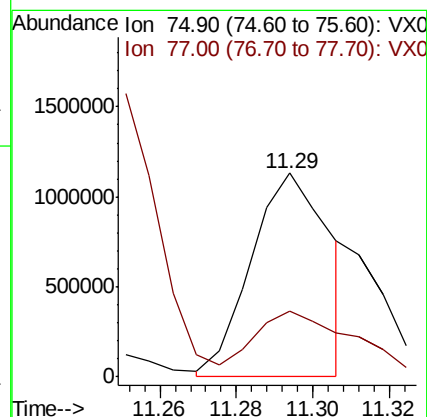
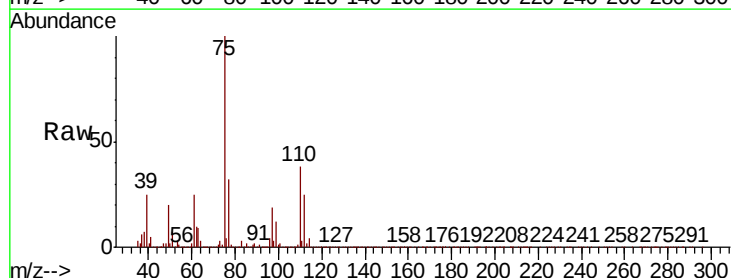
Acq: 26 Nov 2019 15:28

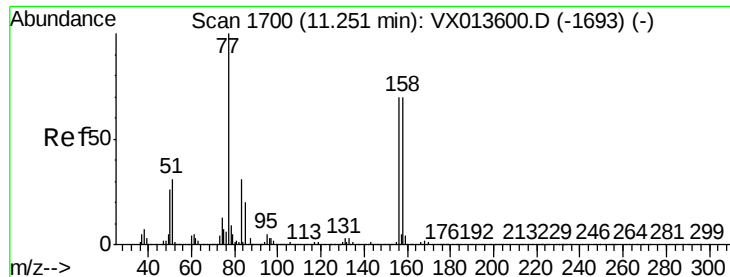
Tgt Ion: 75 Resp: 1607630

Ion Ratio Lower Upper

75 100

77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 145.888 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1337761

Ion Ratio Lower Upper

156 100

77 149.8 74.4 223.1

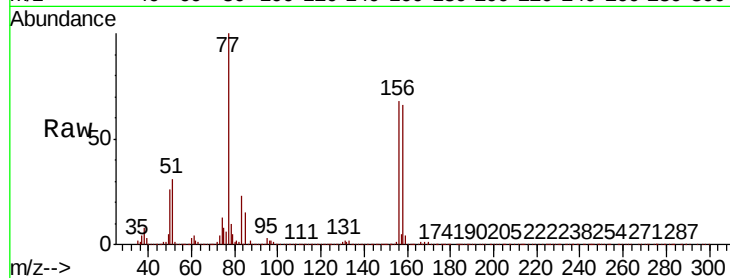
158 96.9 48.9 146.6

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

2000000

1500000

1000000

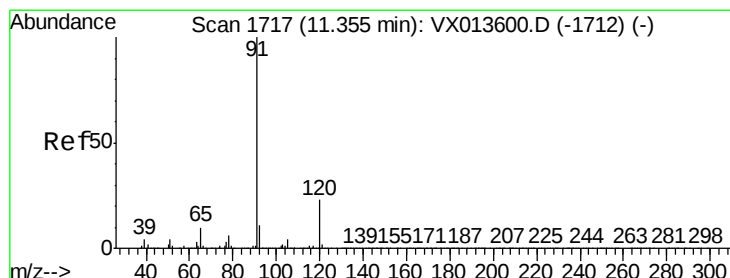
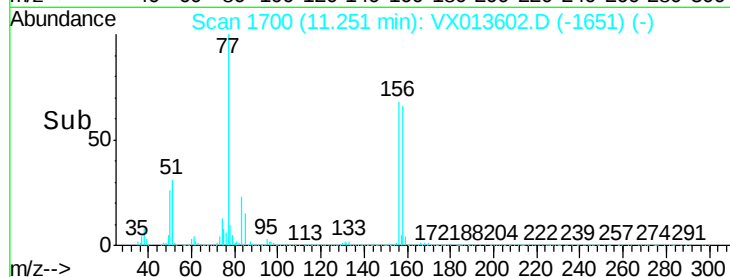
500000

0

11.20

11.30

Time-->



#78

n-propylbenzene

Concen: 145.183 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013602.D

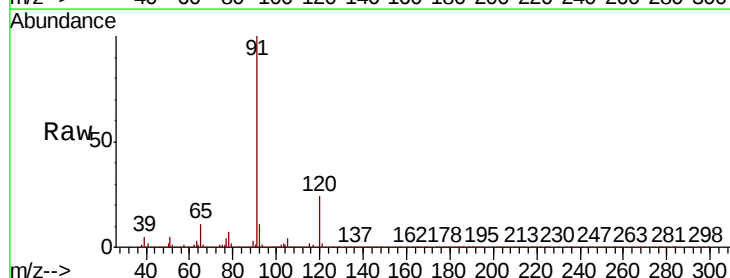
Acq: 26 Nov 2019 15:28

Tgt Ion: 91 Resp: 5551210

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

5000000

4000000

3000000

2000000

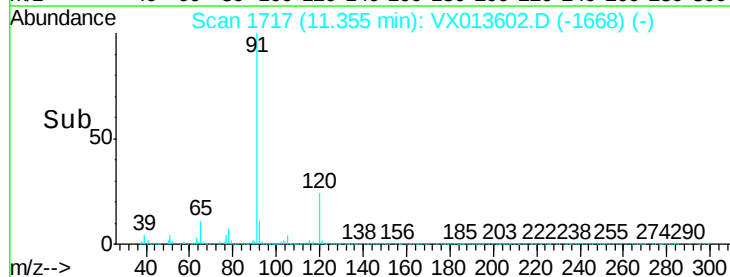
1000000

0

11.35

11.40

Time-->





#79

2-Chlorotoluene

Concen: 144.060 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3318049

Ion Ratio Lower Upper

91 100

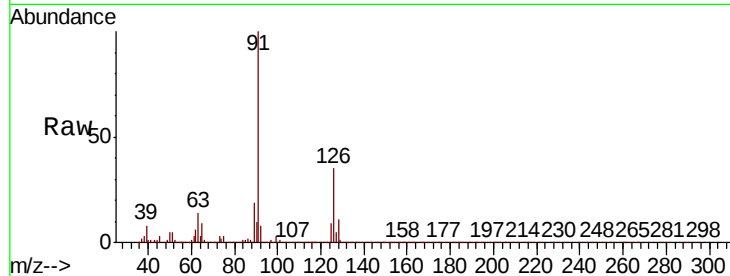
126 35.2 17.5 52.5

Manual Integrations

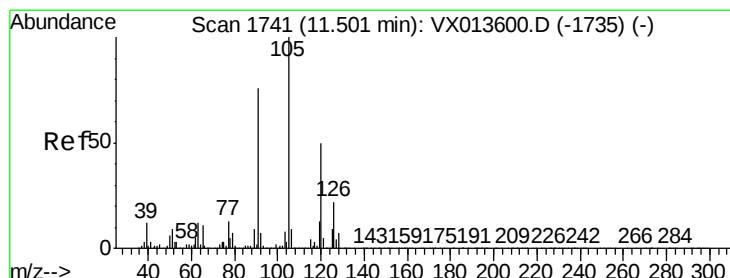
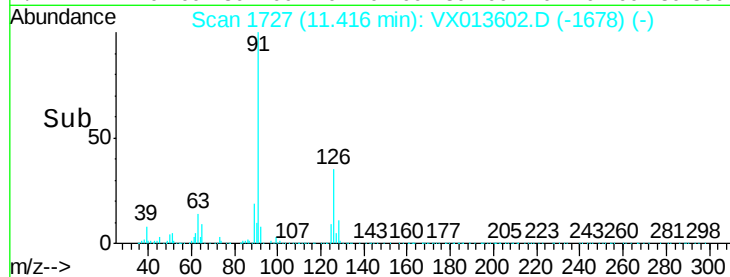
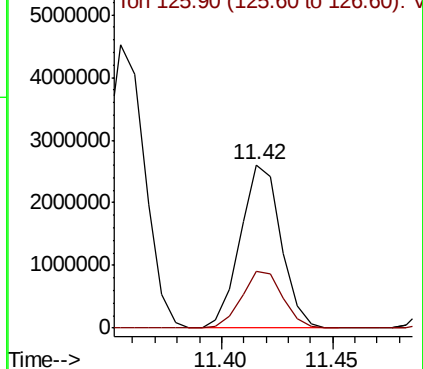
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Abundance Ion 91.00 (90.70 to 91.70): VX013602.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 146.971 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013602.D

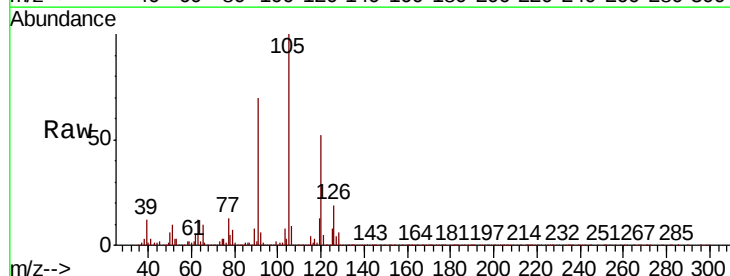
Acq: 26 Nov 2019 15:28

Tgt Ion: 105 Resp: 4197823

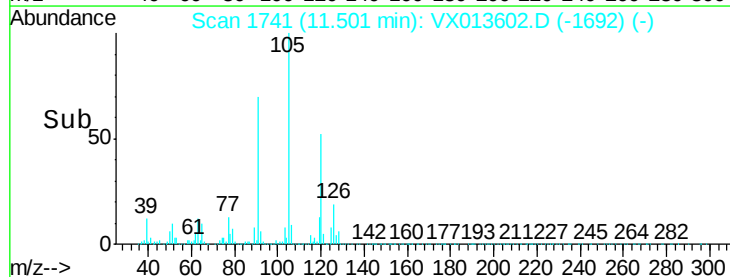
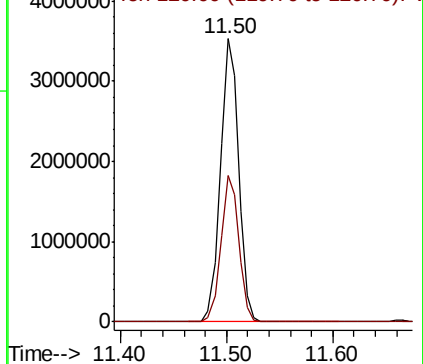
Ion Ratio Lower Upper

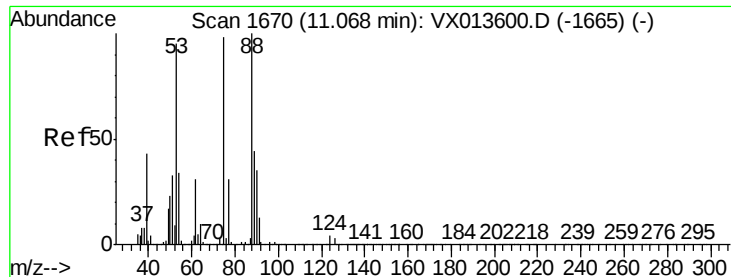
105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013602.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 163.360 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

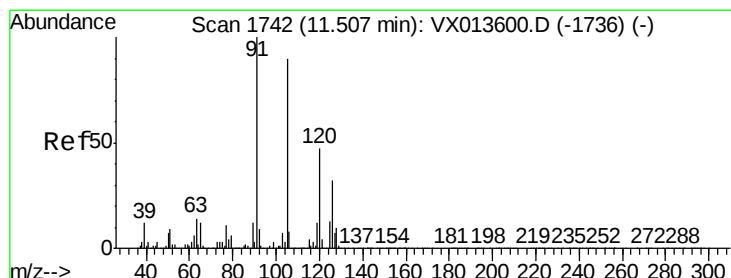
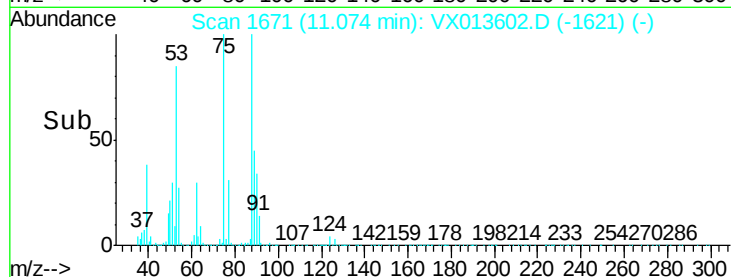
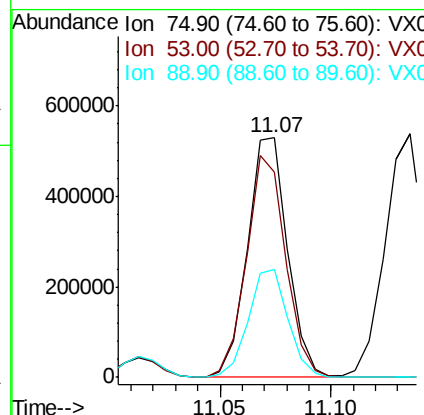
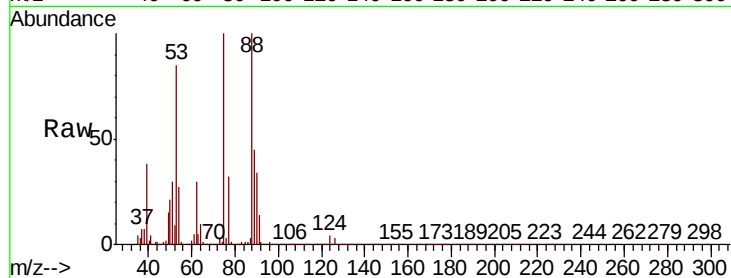
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	666966
Ion	Ratio	Lower	Upper
75	100		
53	90.2	78.2	117.2
89	44.8	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 145.414 ug/l

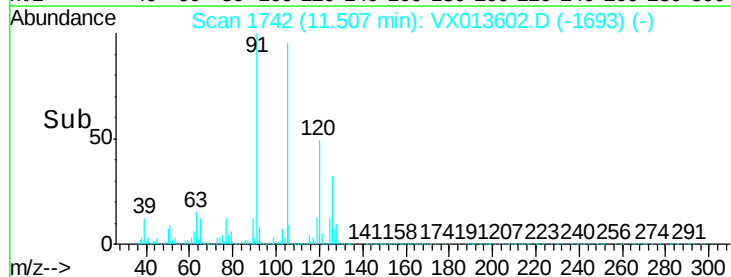
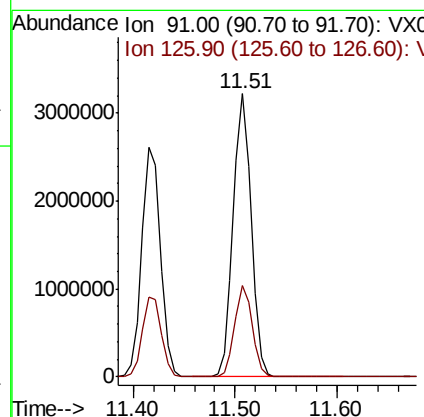
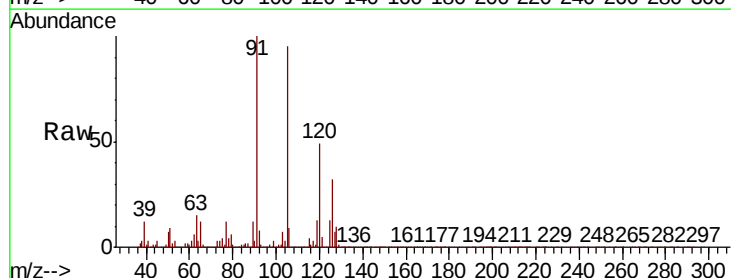
RT: 11.51 min Scan# 1742

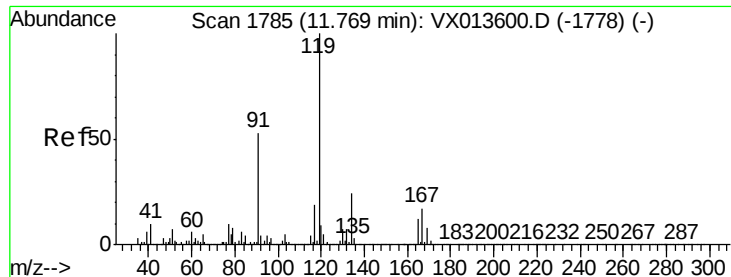
Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Tgt Ion:	91	Resp:	3917234
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 150.057 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 4306721

Ion Ratio Lower Upper

119 100

91 53.7 27.2 81.6

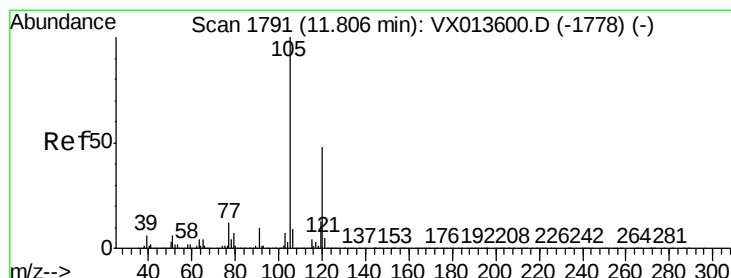
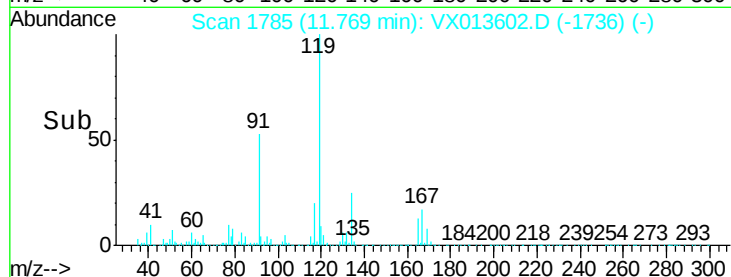
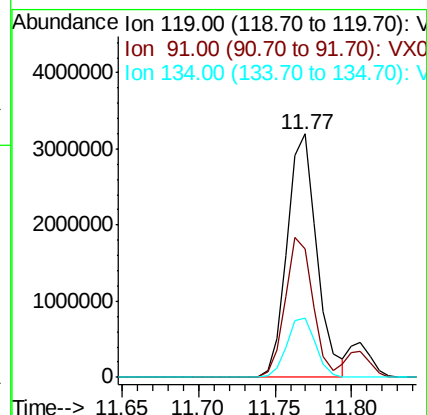
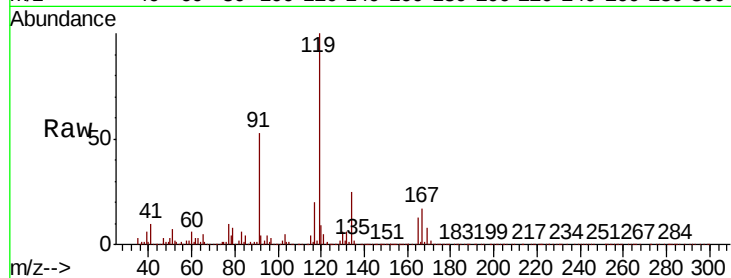
134 23.8 11.7 35.1

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 148.516 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013602.D

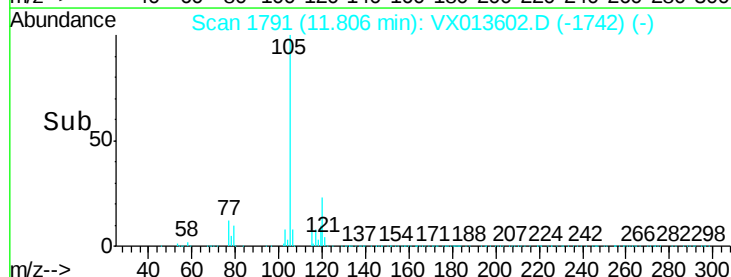
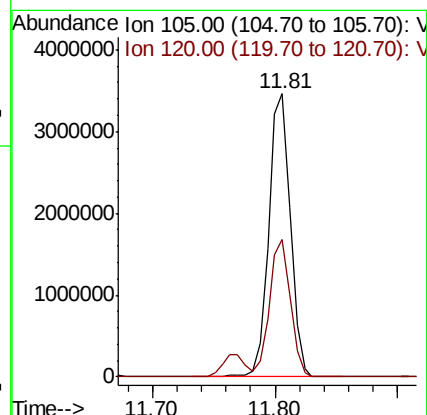
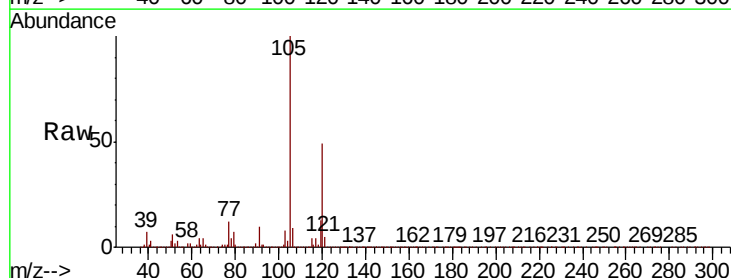
Acq: 26 Nov 2019 15:28

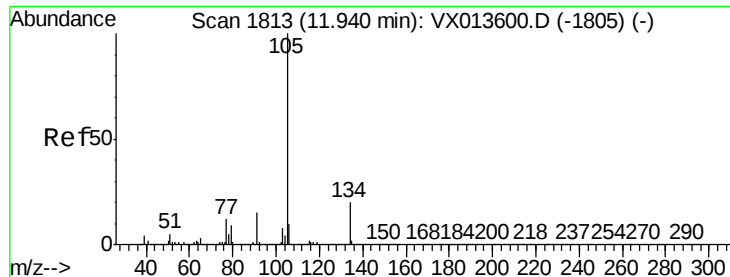
Tgt Ion:105 Resp: 4250865

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 147.691 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4883375

Ion Ratio Lower Upper

105 100

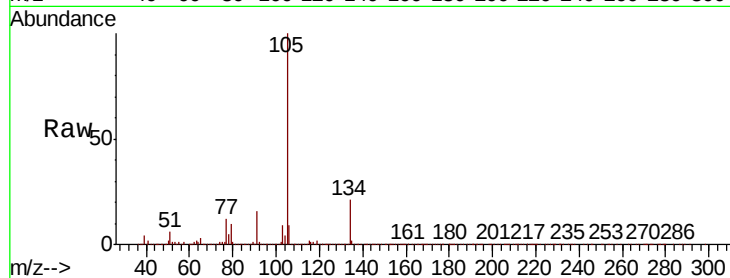
134 21.2 10.4 31.2

Manual Integrations

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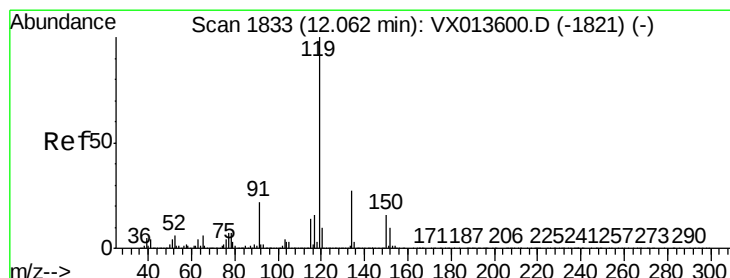
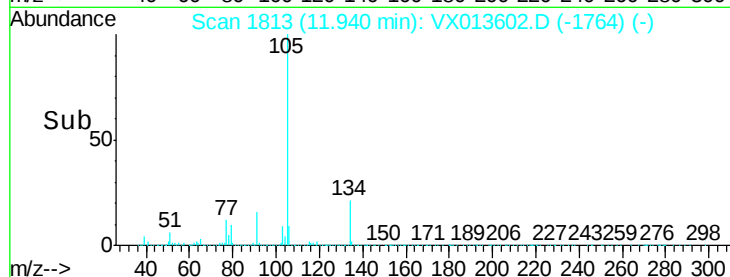
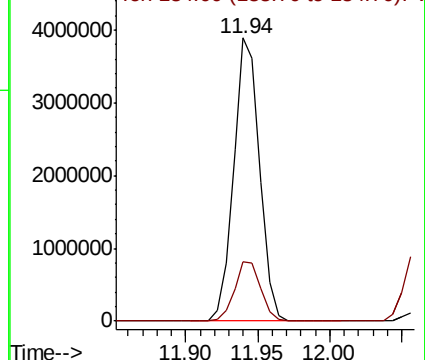
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.206 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

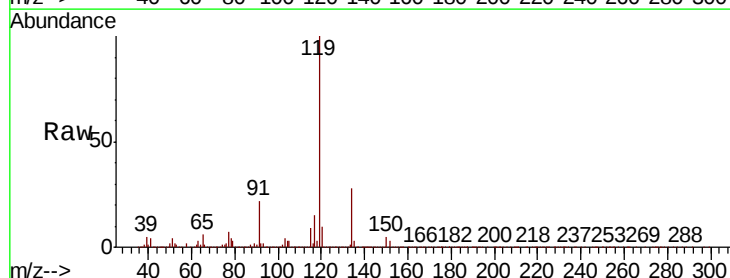
Tgt Ion:119 Resp: 4569278

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

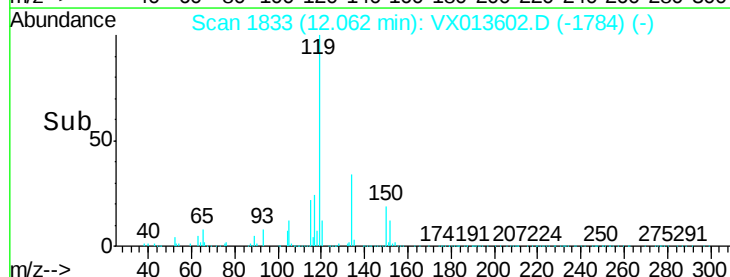
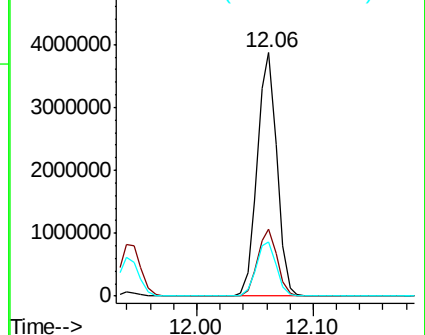
91 22.7 11.3 33.8

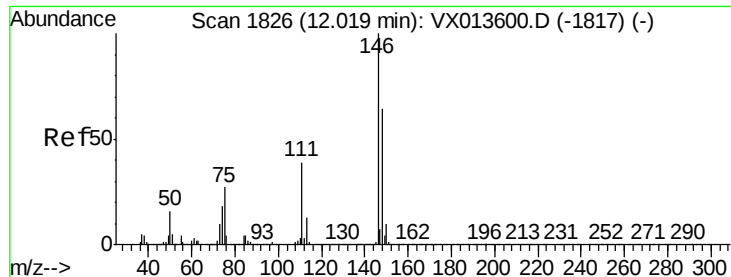


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





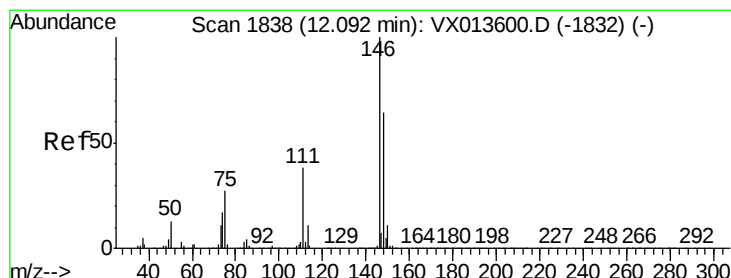
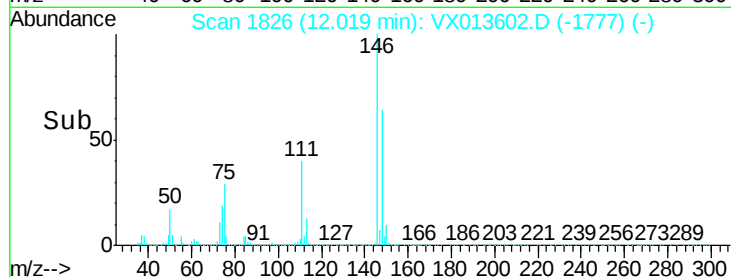
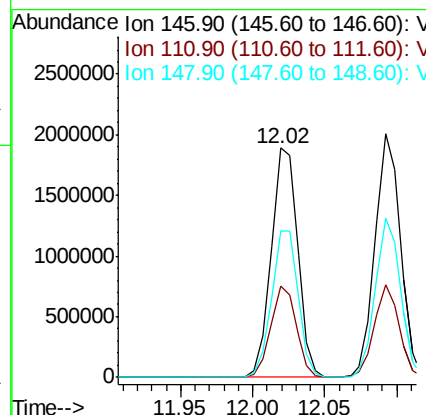
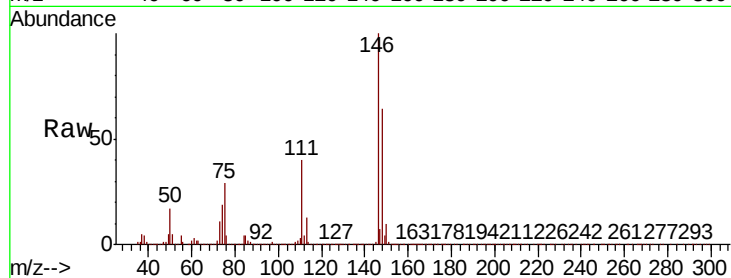
#87
 1,3-Dichlorobenzene
 Concen: 147.360 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013602.D
 Acq: 26 Nov 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	64.3	31.8	95.4

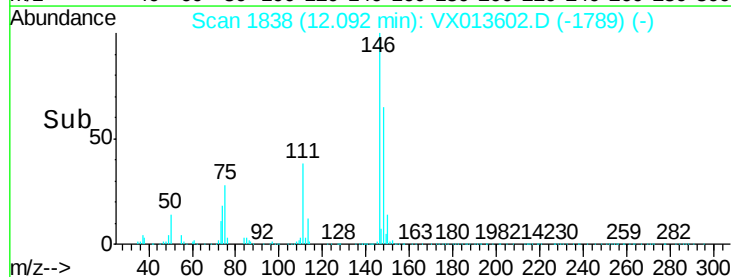
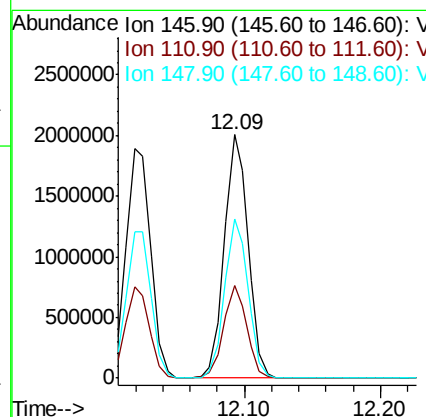
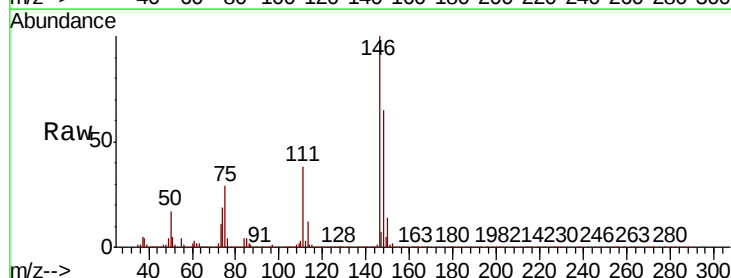
Manual Integrations
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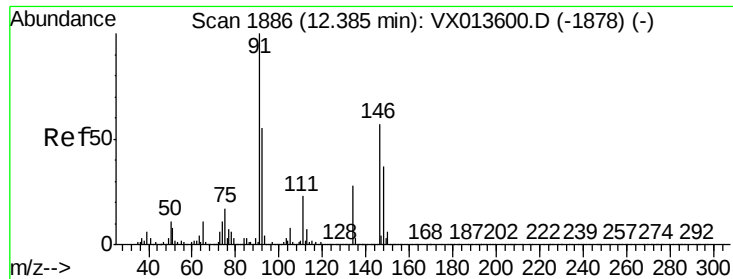
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#88
 1,4-Dichlorobenzene
 Concen: 145.507 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013602.D
 Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	64.9	31.9	95.5





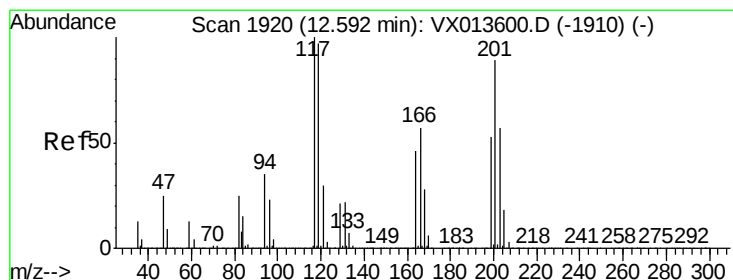
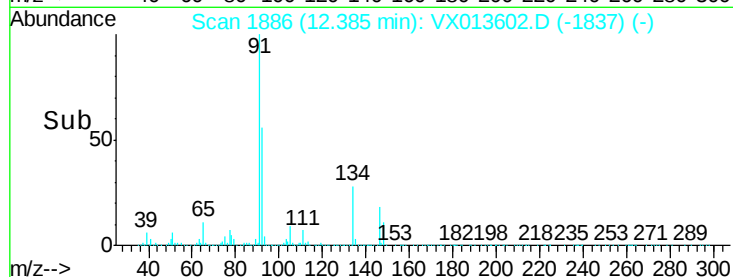
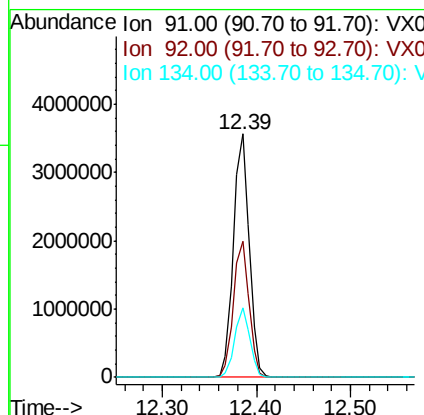
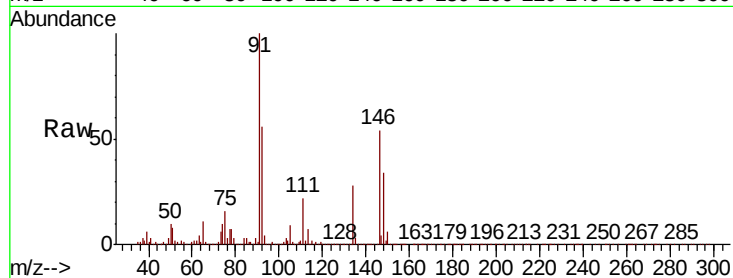
#89
n-Butylbenzene
Concen: 156.855 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 91 Resp: 4150078
Ion Ratio Lower Upper
91 100
92 55.5 27.4 82.2
134 27.6 13.5 40.4

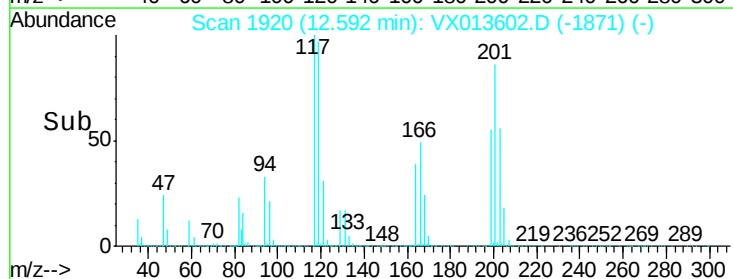
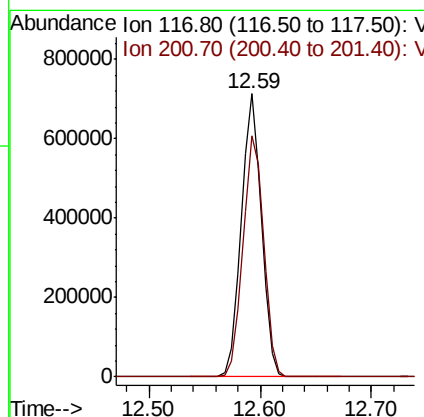
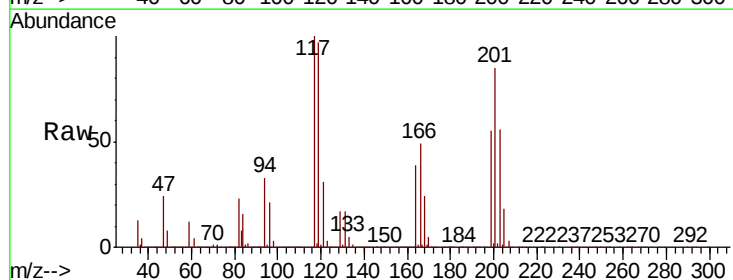
Manual Integrations
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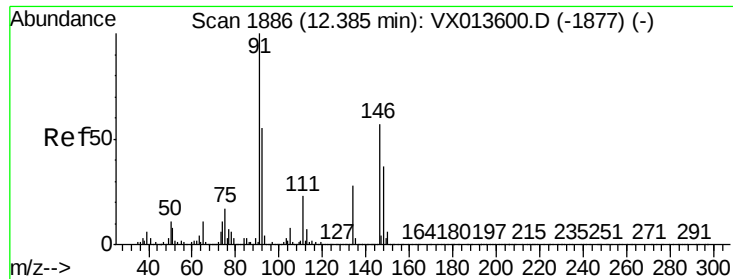
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#90
Hexachloroethane
Concen: 164.162 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion: 117 Resp: 890970
Ion Ratio Lower Upper
117 100
201 87.8 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 148.407 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Instrument :

MSVOA_X

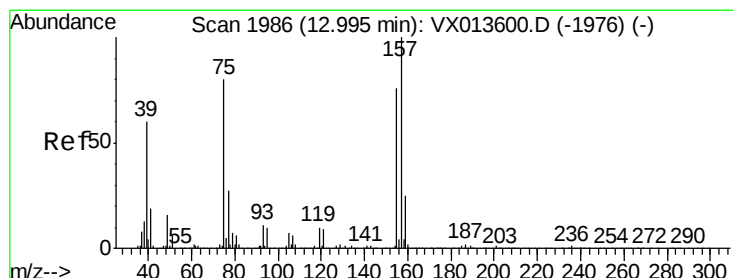
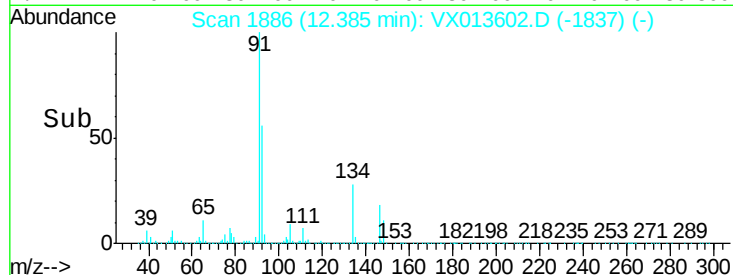
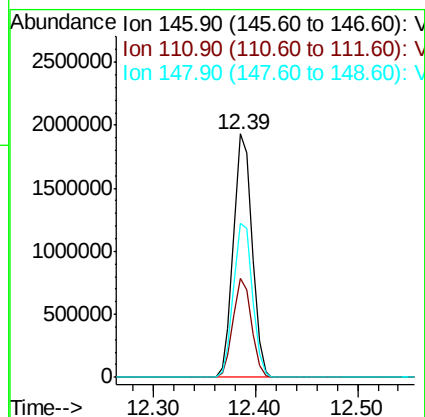
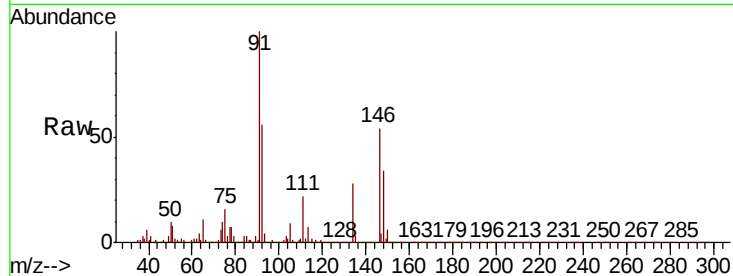
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	2419245
Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.4	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 138.084 ug/l

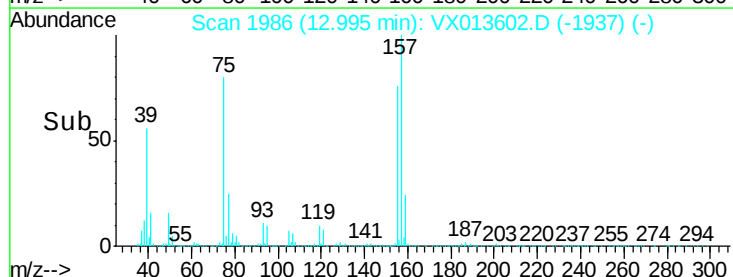
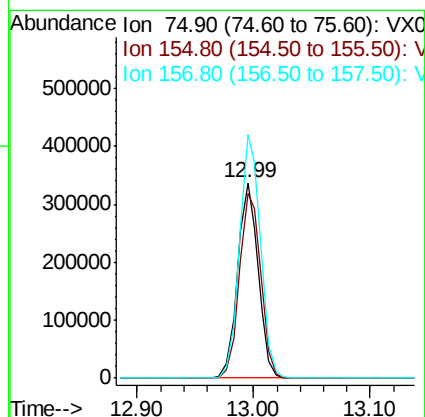
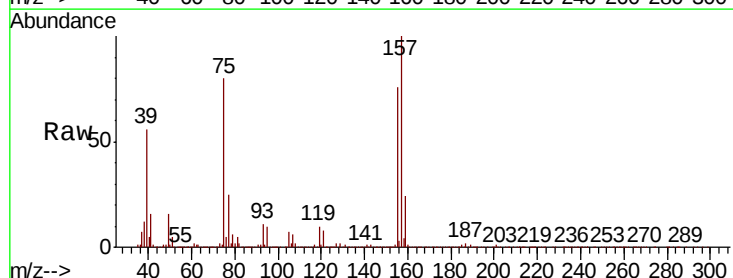
RT: 12.99 min Scan# 1886

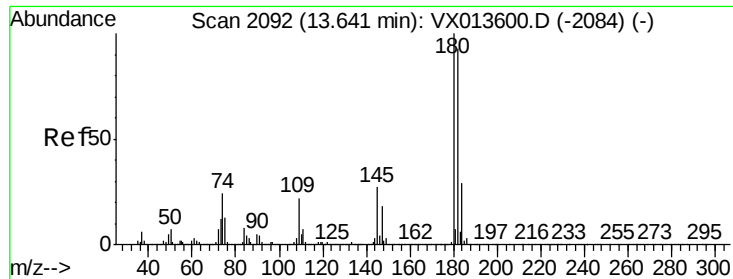
Delta R.T. 0.00 min

Lab File: VX013602.D

Acq: 26 Nov 2019 15:28

Tgt Ion:	75	Resp:	415640
Ion	Ratio	Lower	Upper
75	100		
155	97.9	47.6	142.8
157	126.3	62.1	186.2





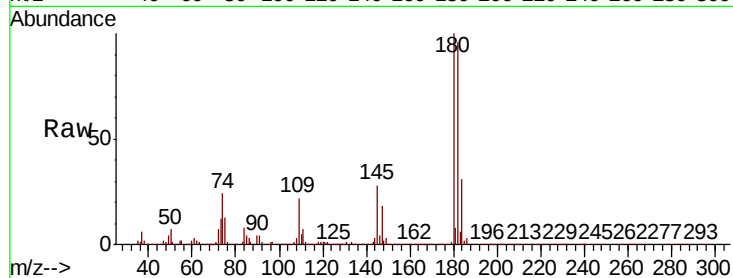
#93
1,2,4-Trichlorobenzene
Concen: 153.341 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	28.2	13.8	41.4

Manual Integrations
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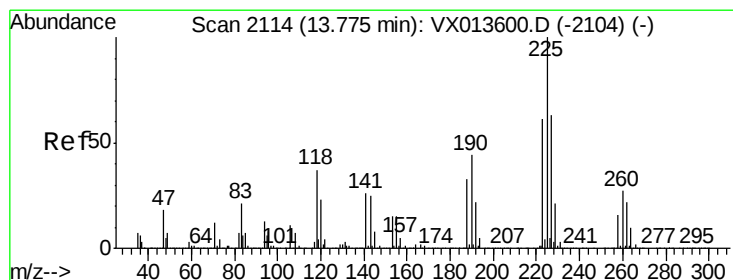
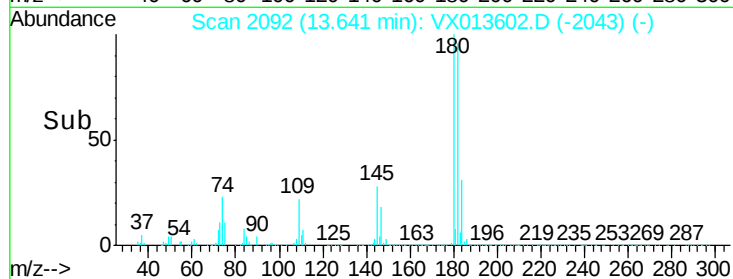
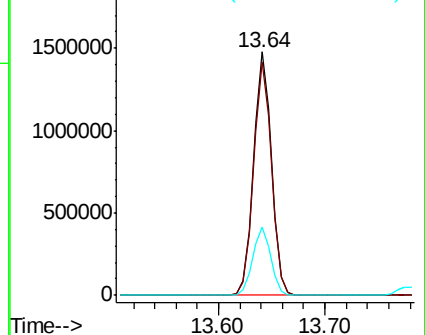


Abundance

Ion 179.80 (179.50 to 180.50): V

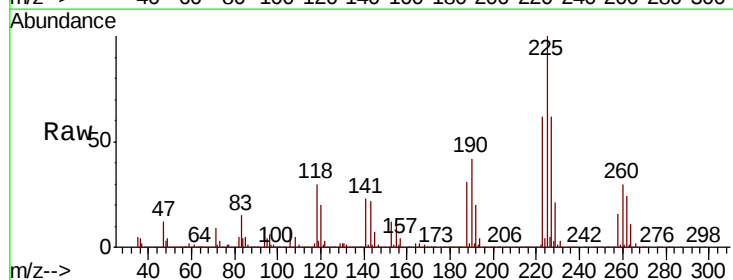
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 146.311 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.5
227	62.6	32.1	96.3

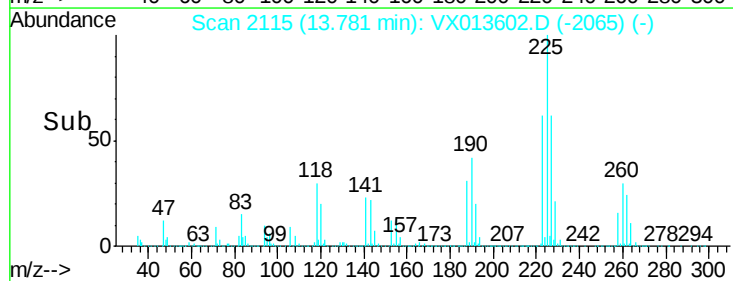
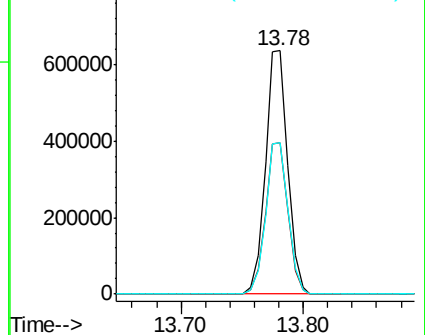


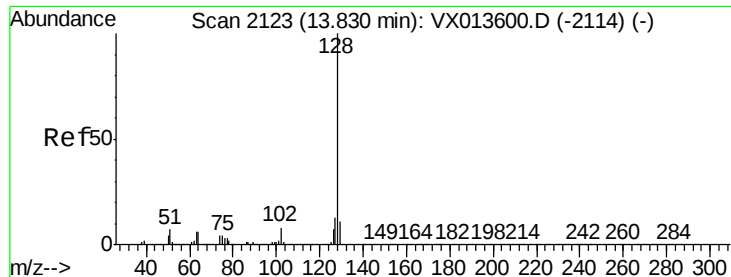
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





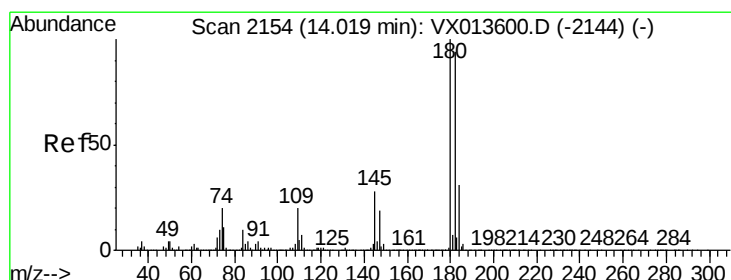
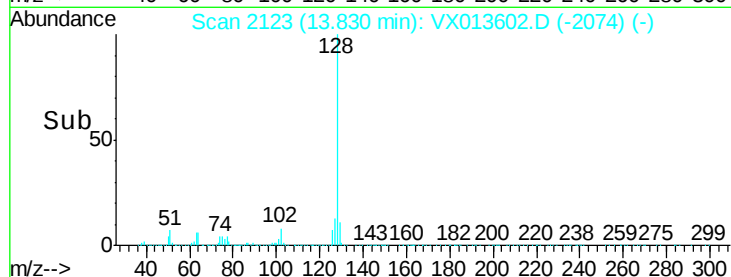
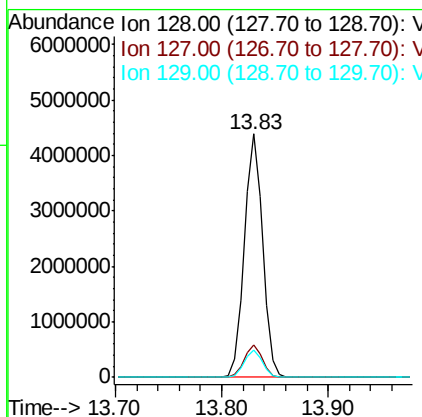
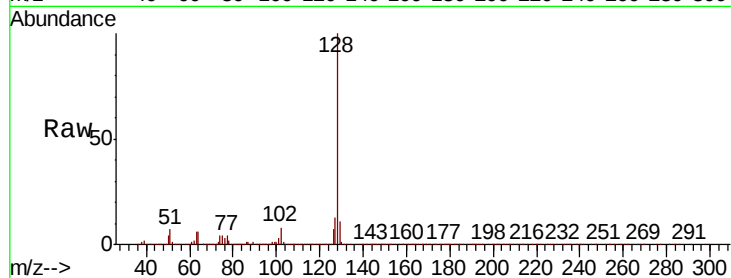
#95
Naphthalene
Concen: 150.109 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
11/27/2019 2:09:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 150.867 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013602.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.8
145	29.8	15.0	45.0

