

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015936.D
 Acq On : 24 Apr 2020 17:28
 Operator : JC/SP
 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Quant Time: Apr 25 06:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	141948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	274382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	252012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	118972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	102454	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	5.47	113	76429	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.70	98	310500	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.12	95	119420	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	31934	20.462	ug/l	97
3) Chloromethane	1.31	50	31590	19.640	ug/l	99
4) Vinyl Chloride	1.39	62	41741	20.279	ug/l	99
5) Bromomethane	1.63	94	20609	27.769	ug/l	98
6) Chloroethane	1.72	64	24912	20.106	ug/l	96
7) Trichlorofluoromethane	1.92	101	49578	20.562	ug/l	98
8) Diethyl Ether	2.17	74	22808	19.876	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31019	20.223	ug/l	100
10) Methyl Iodide	2.49	142	33733	22.079	ug/l	98
11) Tert butyl alcohol	3.01	59	43070	100.019	ug/l	100
12) 1,1-Dichloroethene	2.36	96	32566	20.264	ug/l	99
13) Acrolein	2.27	56	25095	93.901	ug/l	100
14) Allyl chloride	2.71	41	57417	20.214	ug/l	100
15) Acrylonitrile	3.12	53	96029	102.028	ug/l	99
16) Acetone	2.42	43	76254	101.428	ug/l	99
17) Carbon Disulfide	2.55	76	91242	20.423	ug/l	99
18) Methyl Acetate	2.75	43	45705	20.102	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	117298	20.378	ug/l	99
20) Methylene Chloride	2.84	84	36775	19.775	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	36337	20.237	ug/l	96
22) Diisopropyl ether	3.82	45	112586	20.071	ug/l	98
23) Vinyl Acetate	3.79	43	472071	103.009	ug/l	100
24) 1,1-Dichloroethane	3.67	63	64689	20.160	ug/l	99
25) 2-Butanone	4.64	43	125153	102.239	ug/l	98
26) 2,2-Dichloropropane	4.56	77	58250	20.572	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	41000	20.128	ug/l	99
28) Bromochloromethane	4.99	49	28294	19.947	ug/l	100
29) Tetrahydrofuran	5.09	42	80840	100.251	ug/l	99
30) Chloroform	5.18	83	64603	20.367	ug/l	100
31) Cyclohexane	5.55	56	58174	19.355	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	56985	19.969	ug/l	99
36) 1,1-Dichloropropene	5.78	75	49455	18.886	ug/l	99
37) Ethyl Acetate	4.80	43	49726	18.931	ug/l	98
38) Carbon Tetrachloride	5.76	117	46035	19.238	ug/l	99

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 Acq On : 24 Apr 2020 17:28
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 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0424WBSD01

Quant Time: Apr 25 06:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	59847	18.854	ug/l	98
40) Benzene	6.12	78	148589	19.389	ug/l	97
41) Methacrylonitrile	5.00	41	26553	17.834	ug/l	96
42) 1,2-Dichloroethane	6.17	62	53504	19.950	ug/l	98
43) Isopropyl Acetate	6.42	43	84636	19.612	ug/l	99
44) Trichloroethene	7.19	130	45329	19.215	ug/l	94
45) 1,2-Dichloropropane	7.49	63	38238	19.499	ug/l	99
46) Dibromomethane	7.64	93	25397	19.393	ug/l	98
47) Bromodichloromethane	7.88	83	51463	19.310	ug/l	99
48) Methyl methacrylate	7.75	41	41049	19.344	ug/l	97
49) 1,4-Dioxane	7.72	88	18331	388.403	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	249869	98.767	ug/l	99
52) Toluene	8.77	92	93015	19.133	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	62295	19.385	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	64870	19.297	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	37490	19.309	ug/l	99
56) Ethyl methacrylate	9.16	69	59639	19.067	ug/l	97
57) 1,3-Dichloropropane	9.35	76	64549	19.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	152031	98.363	ug/l	99
59) 2-Hexanone	9.48	43	189594	98.695	ug/l	99
60) Dibromochloromethane	9.57	129	36928	19.152	ug/l	98
61) 1,2-Dibromoethane	9.65	107	38748	19.294	ug/l	99
64) Tetrachloroethene	9.32	164	50880	20.290	ug/l	98
65) Chlorobenzene	10.12	112	97684	19.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	34207	19.294	ug/l	97
67) Ethyl Benzene	10.24	91	179876	19.500	ug/l	99
68) m/p-Xylenes	10.34	106	134045	39.678	ug/l	100
69) o-Xylene	10.68	106	64583	19.590	ug/l	99
70) Styrene	10.70	104	109052	19.179	ug/l	99
71) Bromoform	10.84	173	23316	18.832	ug/l #	99
73) Isopropylbenzene	11.01	105	169317	19.147	ug/l	100
74) N-amyl acetate	10.88	43	76069	19.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	39145	19.588	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68696	26.918	ug/l	82
77) Bromobenzene	11.24	156	39178	19.505	ug/l	98
78) n-propylbenzene	11.35	91	201328	19.283	ug/l	99
79) 2-Chlorotoluene	11.40	91	120466	19.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	146049	19.428	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	20689	18.262	ug/l	97
82) 4-Chlorotoluene	11.49	91	141298	19.235	ug/l	98
83) tert-Butylbenzene	11.76	119	122696	19.411	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	147073	19.080	ug/l	99
85) sec-Butylbenzene	11.93	105	166138	19.197	ug/l	100
86) p-Isopropyltoluene	12.05	119	151392	19.184	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	72373	19.596	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	74091	19.482	ug/l	99
89) n-Butylbenzene	12.37	91	138812	18.664	ug/l	99
90) Hexachloroethane	12.58	117	22579	18.336	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	70203	19.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11834	18.600	ug/l	99

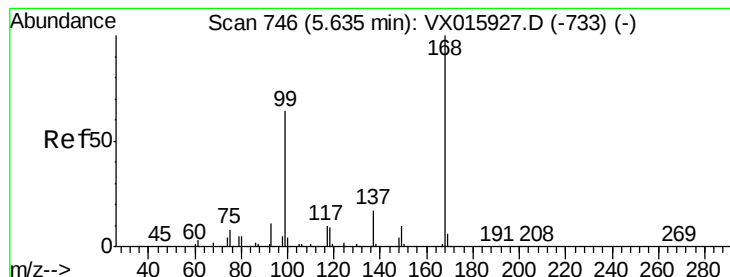
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
Data File : VX015936.D
Acq On : 24 Apr 2020 17:28
Operator : JC/SP
Sample : VX0424WBSD01
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MSVOA_X
ClientSampleId :
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Quant Time: Apr 25 06:51:43 2020
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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)
93) 1,2,4-Trichlorobenzene	13.63	180	42396	18.351	ug/l	99
94) Hexachlorobutadiene	13.77	225	15734	19.212	ug/l	98
95) Naphthalene	13.82	128	164175	19.539	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	42998	19.671	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

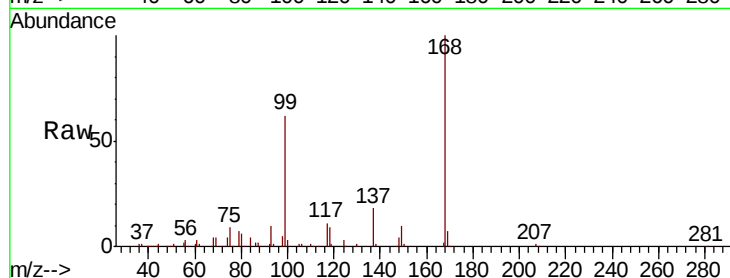
VX0424WBSD01

Tot Ion:168 Resp: 141948

Ion Ratio Lower Upper

168 100

99 62.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

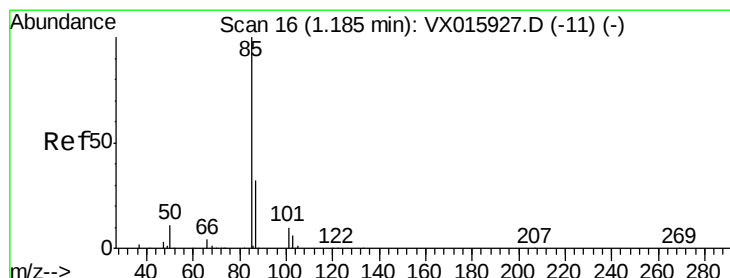
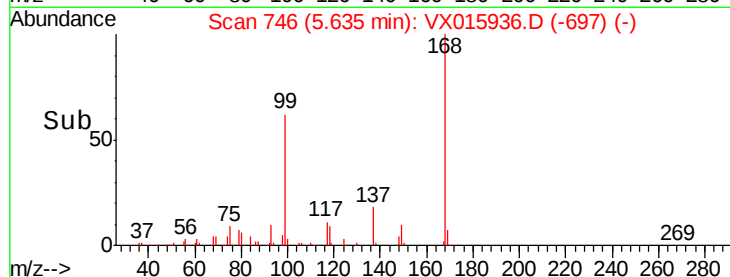
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015936.D

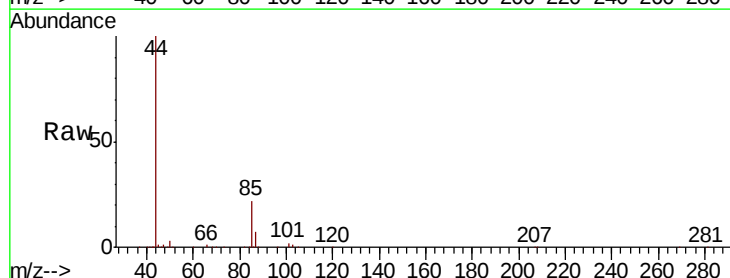
Acq: 24 Apr 2020 17:28

Tgt Ion: 85 Resp: 31934

Ion Ratio Lower Upper

85 100

87 33.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

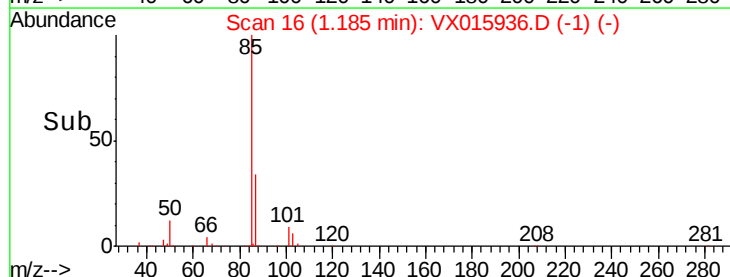
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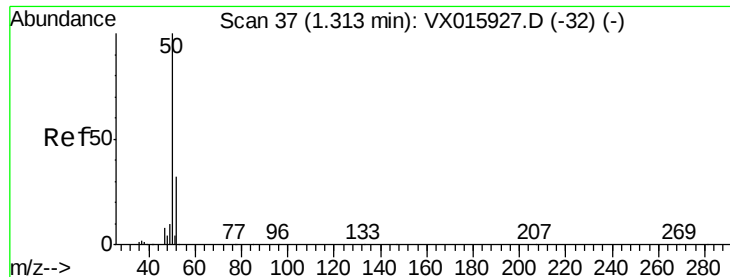
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.640 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

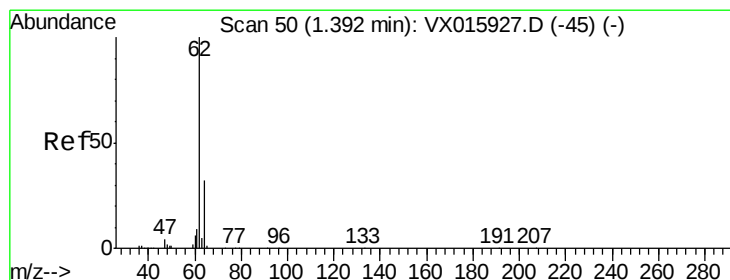
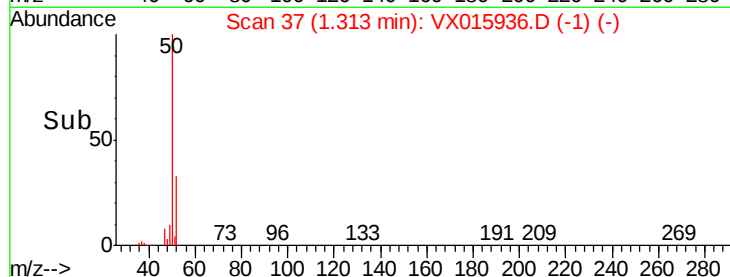
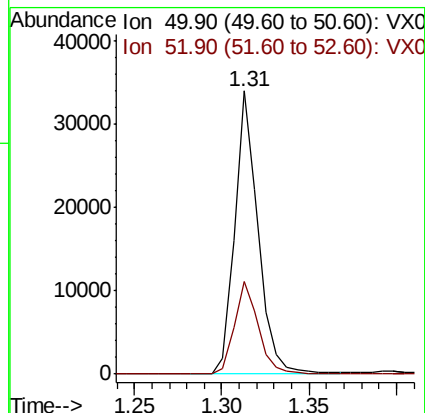
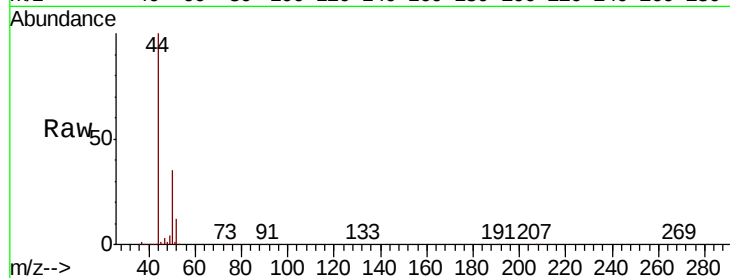
VX0424WBSD01

Tot Ion: 50 Resp: 31590

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 20.279 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015936.D

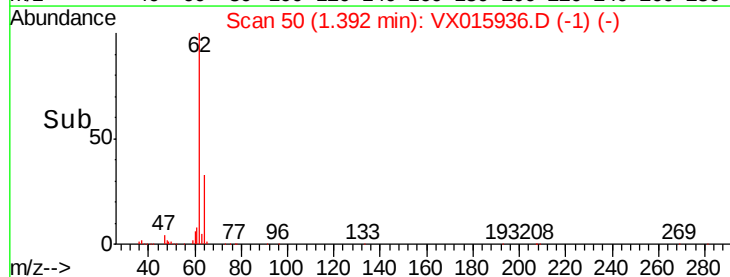
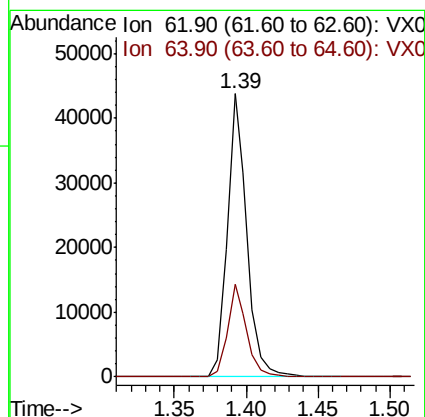
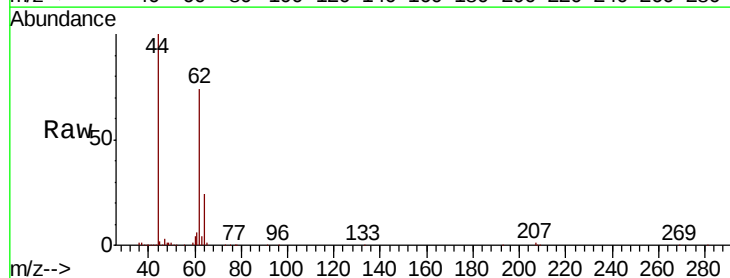
Acq: 24 Apr 2020 17:28

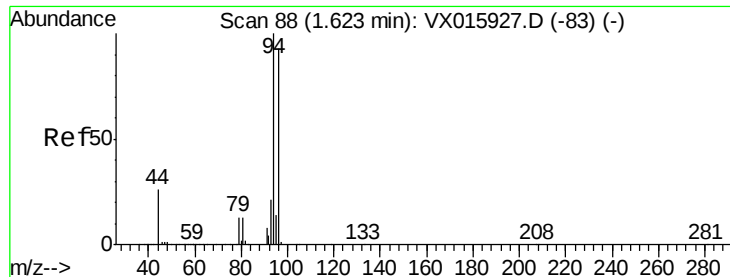
Tgt Ion: 62 Resp: 41741

Ion Ratio Lower Upper

62 100

64 32.7 25.5 38.3





#5

Bromomethane

Concen: 27.769 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

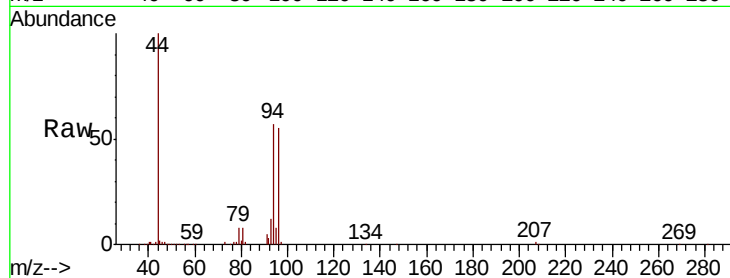
VX0424WBSD01

Tot Ion: 94 Resp: 20609

Ion Ratio Lower Upper

94 100

96 95.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

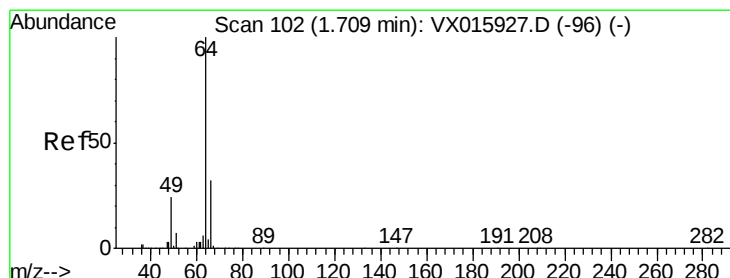
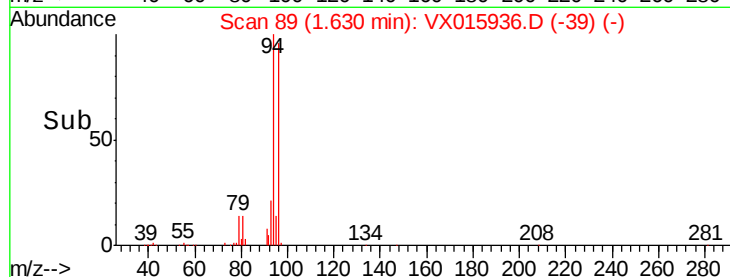
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.106 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015936.D

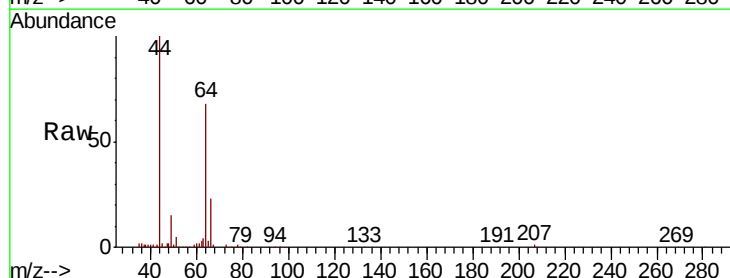
Acq: 24 Apr 2020 17:28

Tgt Ion: 64 Resp: 24912

Ion Ratio Lower Upper

64 100

66 34.5 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

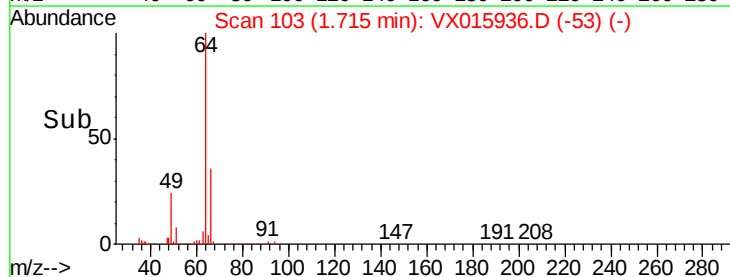
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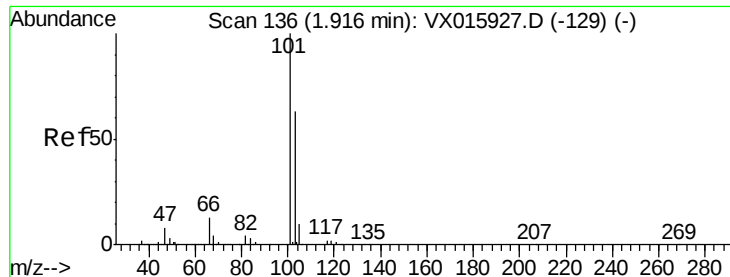
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5000

0

Time-->



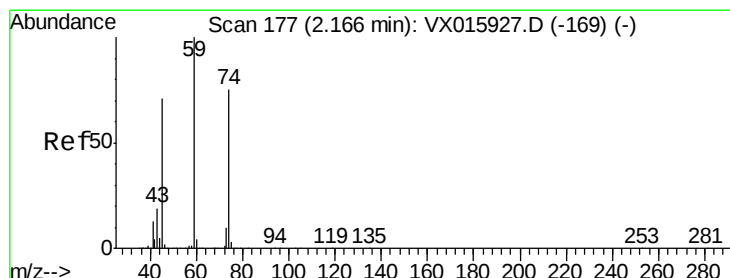
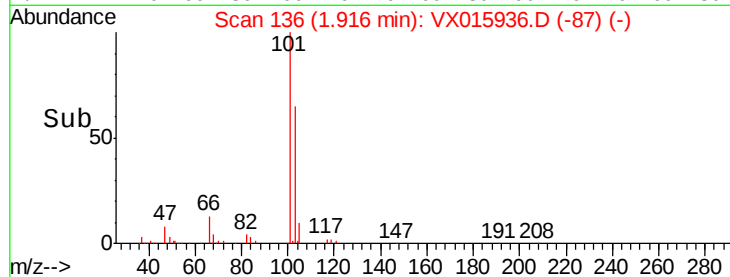
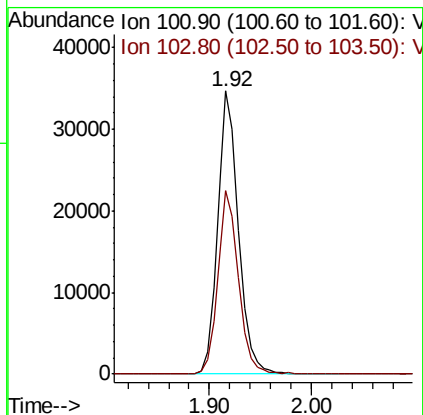
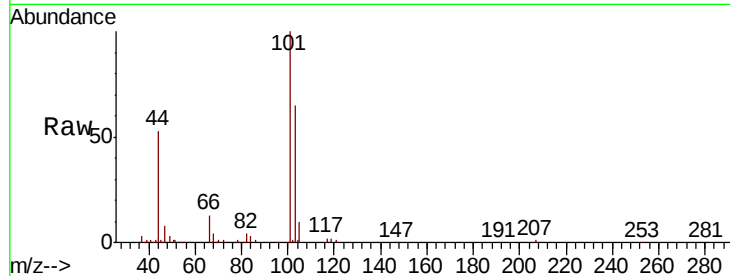


#7

Trichlorofluoromethane
 Concen: 20.562 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

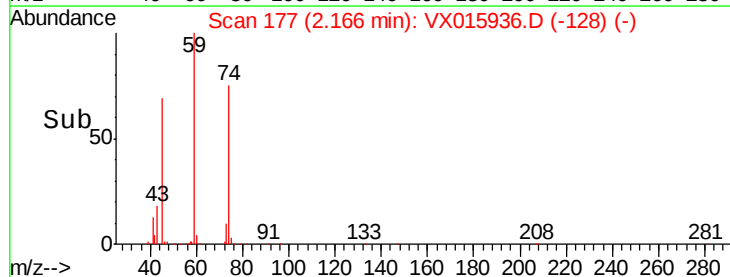
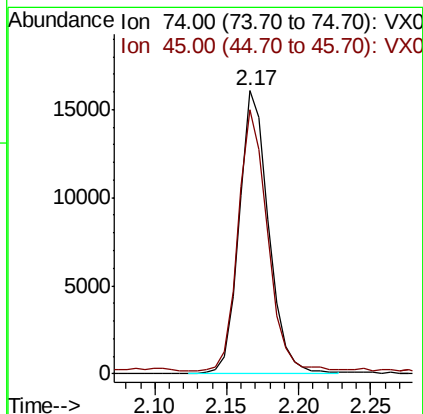
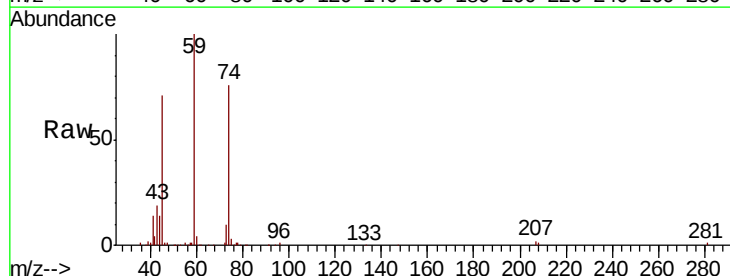
Tot Ion:101 Resp: 49578
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.8 76.2

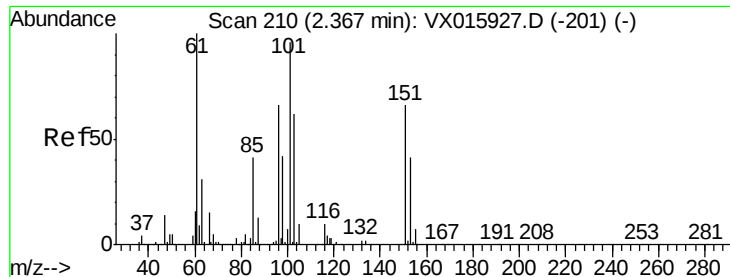


#8

Diethyl Ether
 Concen: 19.876 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 74 Resp: 22808
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.9 140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.223 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

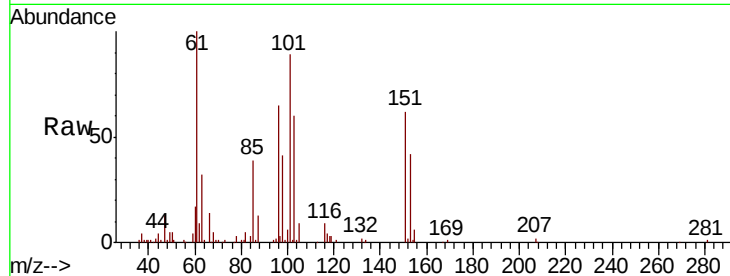
Tot Ion:101 Resp: 31019

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

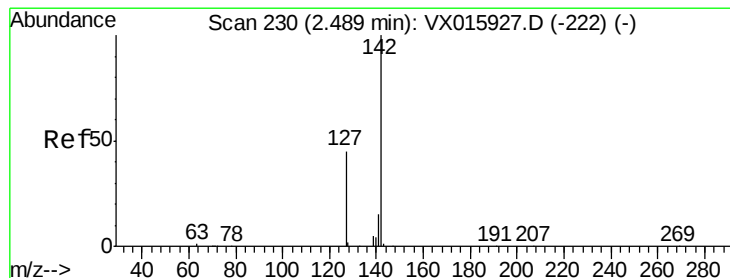
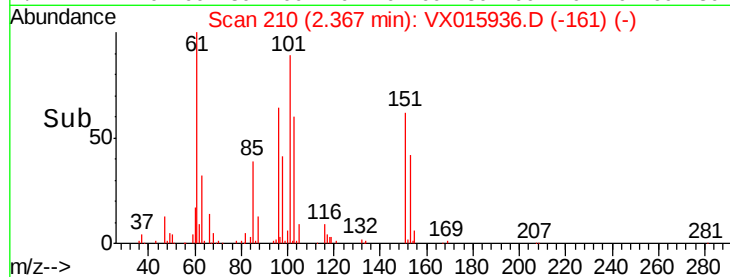
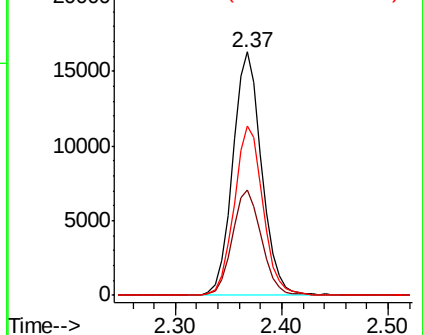
151 69.2 55.8 83.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.079 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

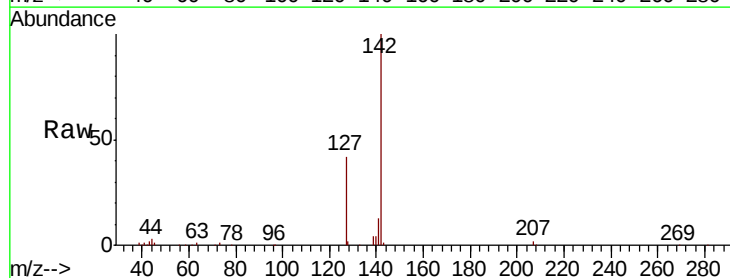
Tgt Ion:142 Resp: 33733

Ion Ratio Lower Upper

142 100

127 42.0 34.4 51.6

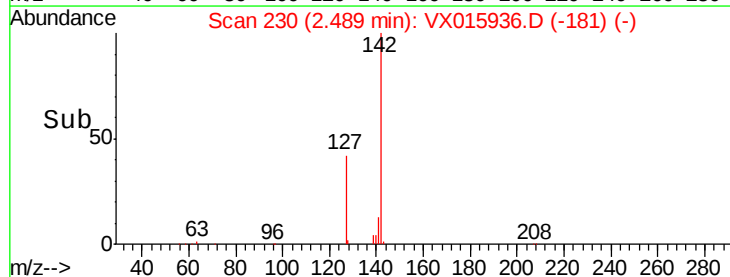
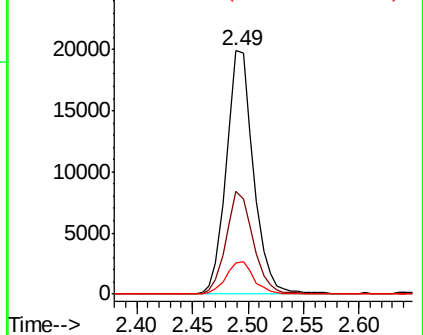
141 13.5 11.5 17.3

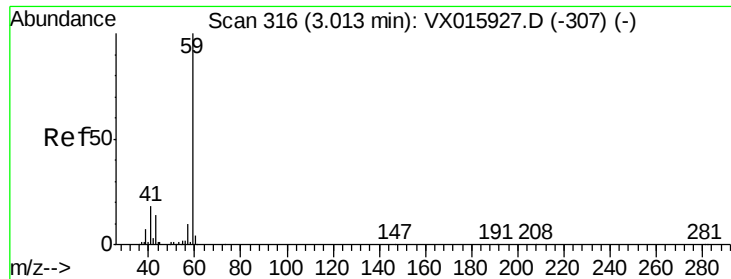


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



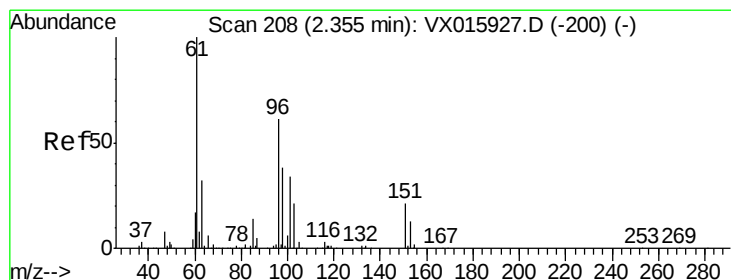
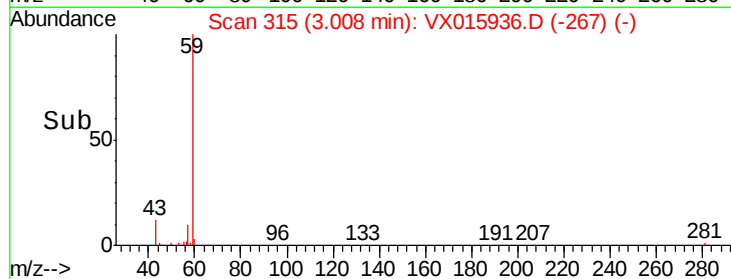
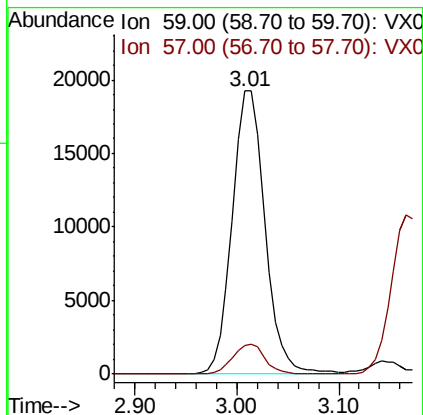
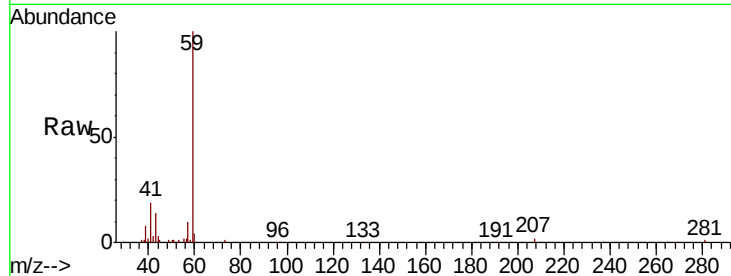


#11

Tert butyl alcohol
 Concen: 100.019 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

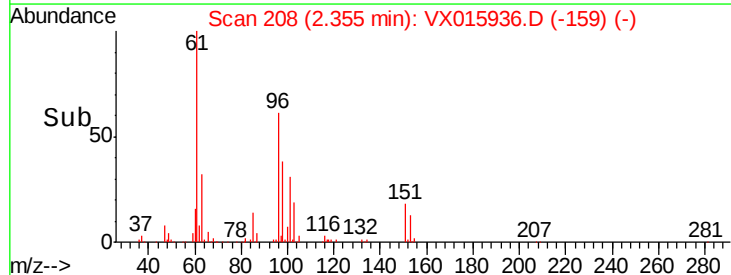
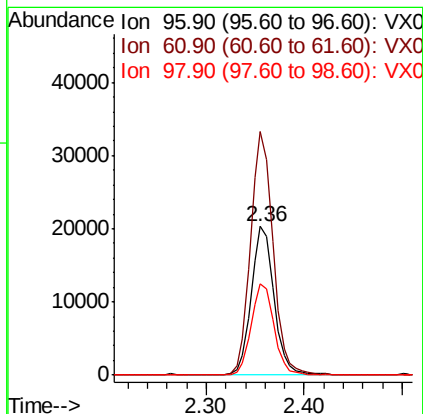
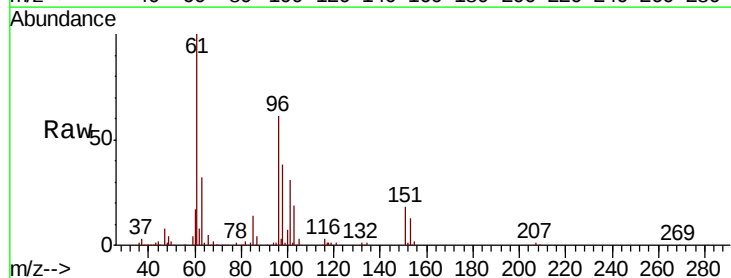
Tot Ion: 59 Resp: 43070
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

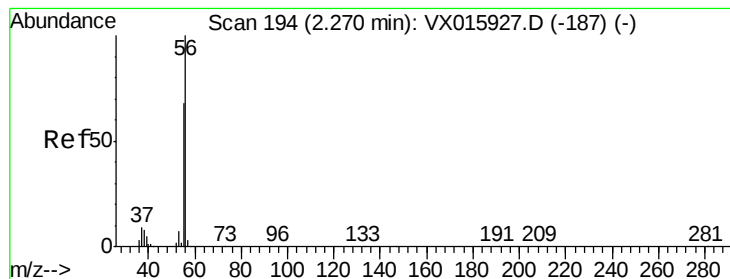


#12

1,1-Dichloroethene
 Concen: 20.264 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 96 Resp: 32566
 Ion Ratio Lower Upper
 96 100
 61 164.5 131.2 196.8
 98 62.1 50.2 75.4





#13

Acrolein

Concen: 93.901 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

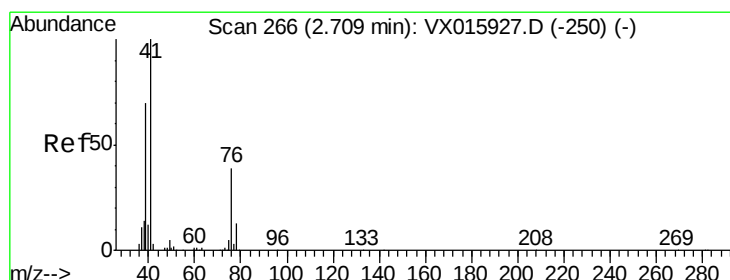
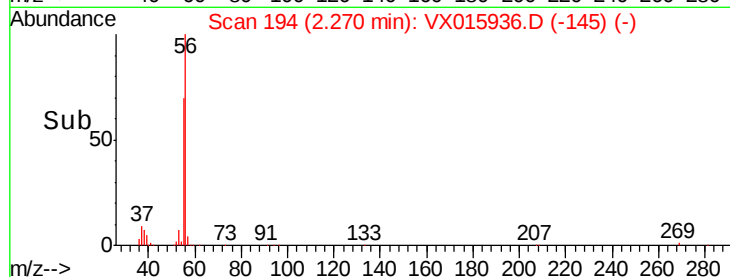
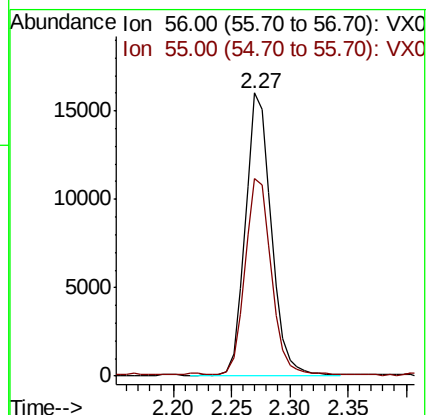
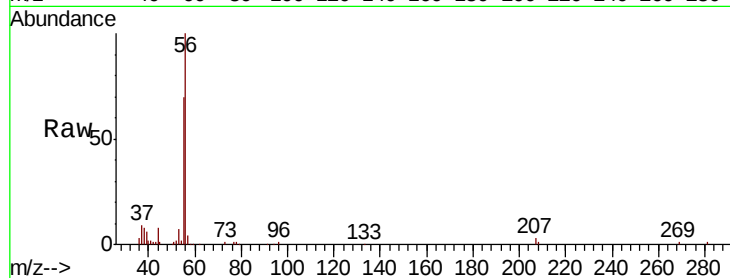
VX0424WBSD01

Tot Ion: 56 Resp: 25095

Ion Ratio Lower Upper

56 100

55 70.0 56.0 84.0



#14

Allyl chloride

Concen: 20.214 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

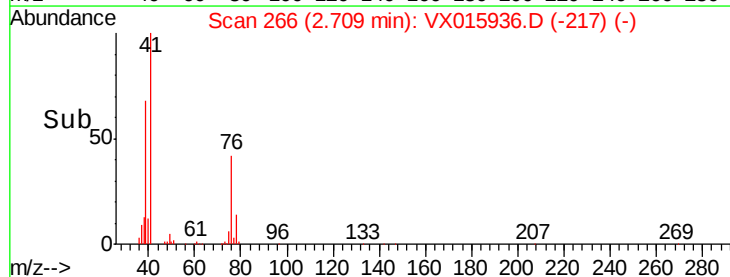
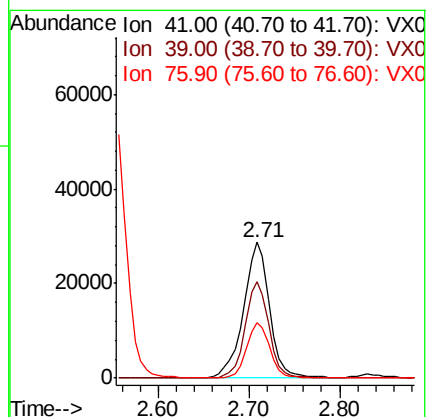
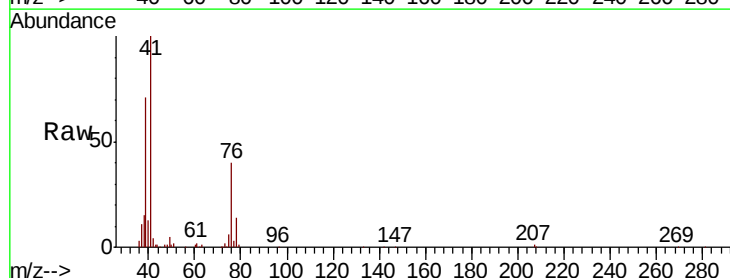
Tgt Ion: 41 Resp: 57417

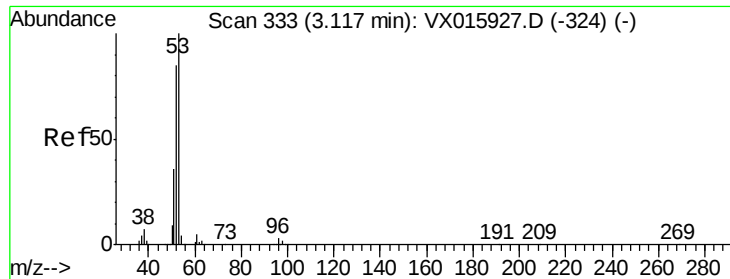
Ion Ratio Lower Upper

41 100

39 64.3 51.6 77.4

76 36.1 29.3 43.9

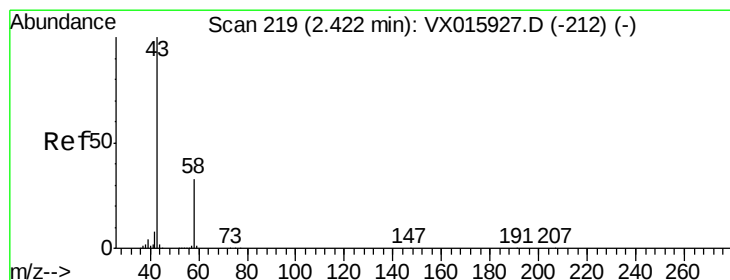
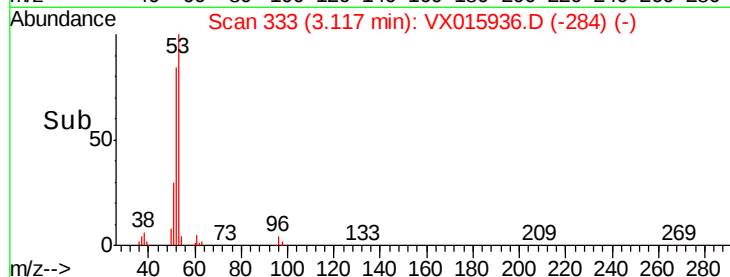
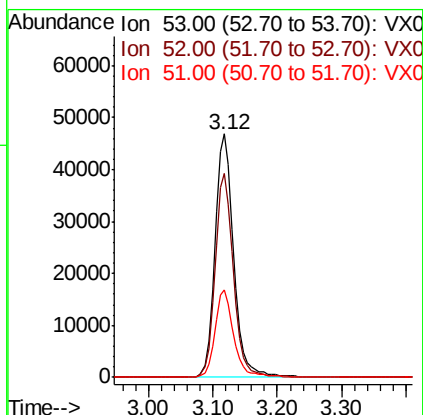
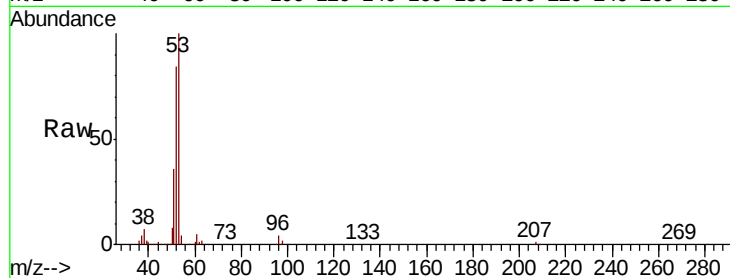




#15
 Acrylonitrile
 Concen: 102.028 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

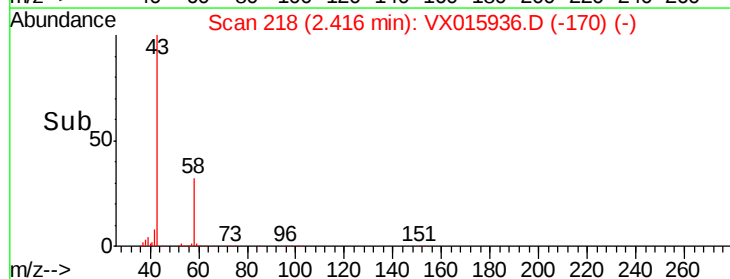
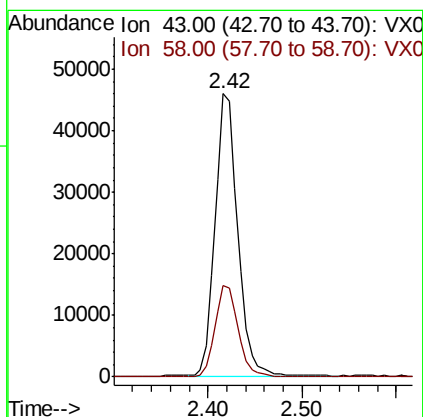
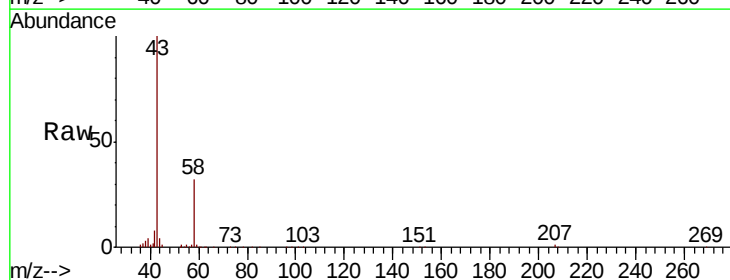
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

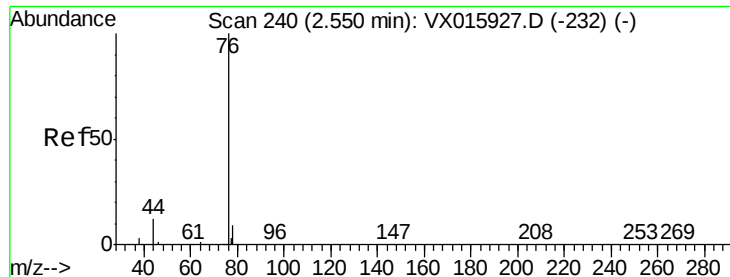
Tot Ion: 53 Resp: 96029
 Ion Ratio Lower Upper
 53 100
 52 81.4 65.5 98.3
 51 36.1 28.2 42.2



#16
 Acetone
 Concen: 101.428 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 43 Resp: 76254
 Ion Ratio Lower Upper
 43 100
 58 32.4 26.4 39.6





#17

Carbon Disulfide

Concen: 20.423 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

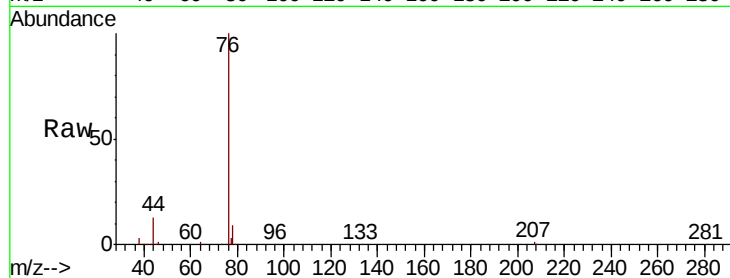
VX0424WBSD01

Tot Ion: 76 Resp: 91242

Ion Ratio Lower Upper

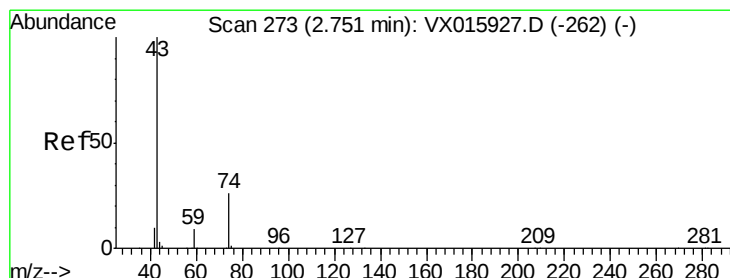
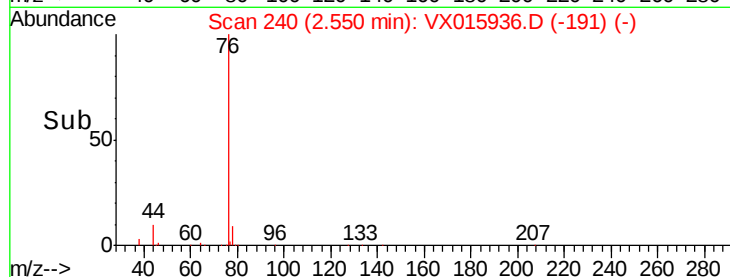
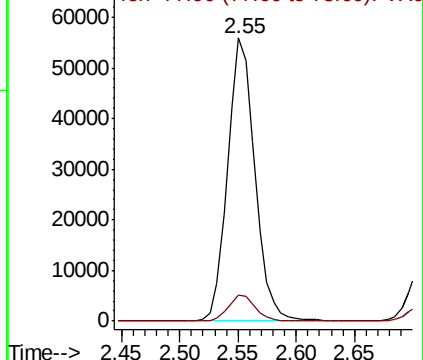
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.102 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015936.D

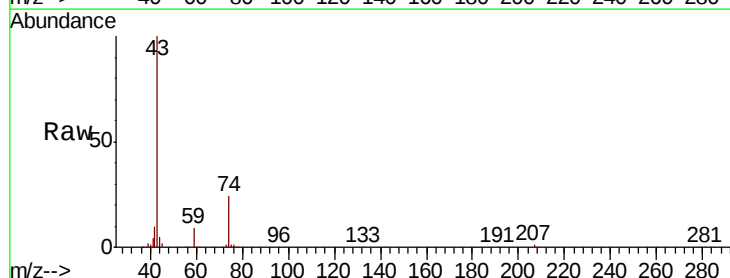
Acq: 24 Apr 2020 17:28

Tgt Ion: 43 Resp: 45705

Ion Ratio Lower Upper

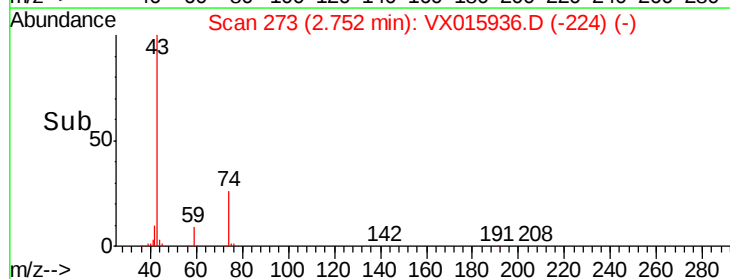
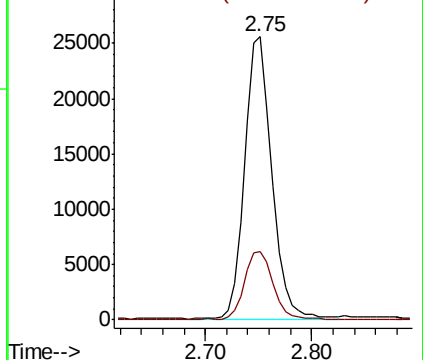
43 100

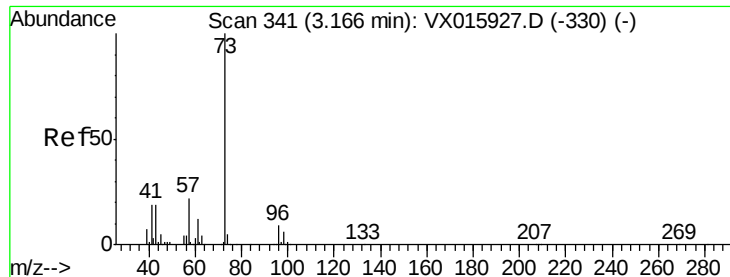
74 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



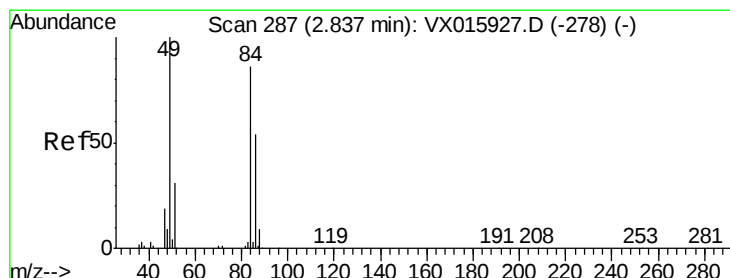
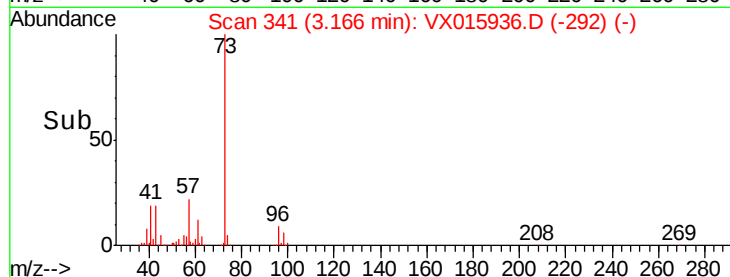
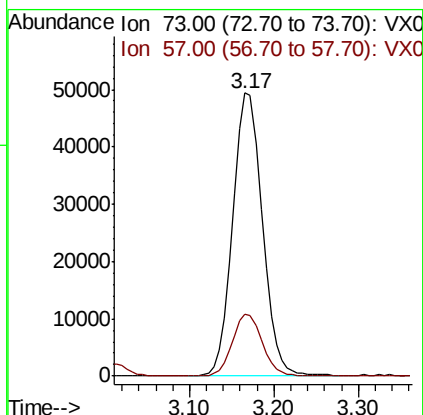
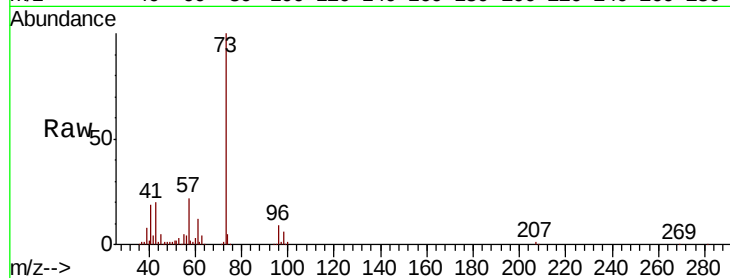


#19

Methyl tert-butyl Ether
 Concen: 20.378 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0424WBSD01

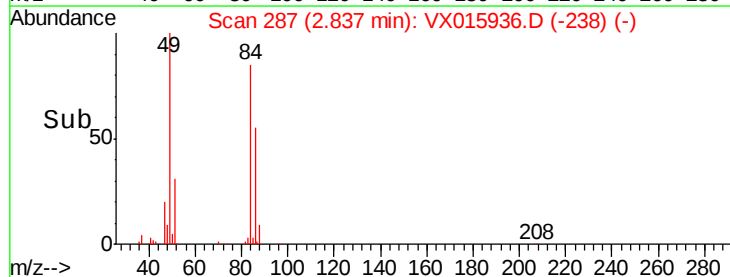
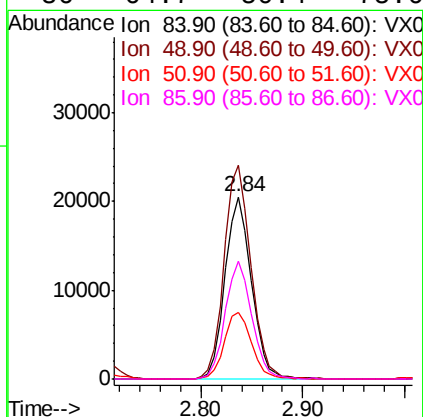
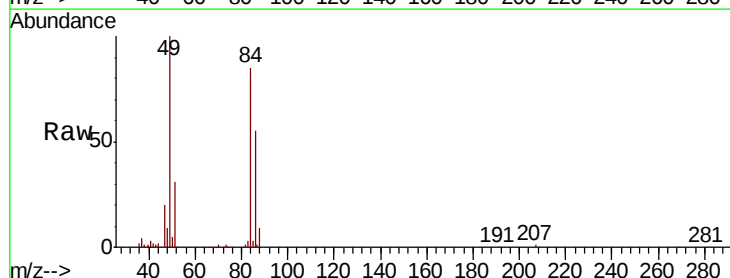
Tot Ion: 73 Resp: 117298
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.3 25.9

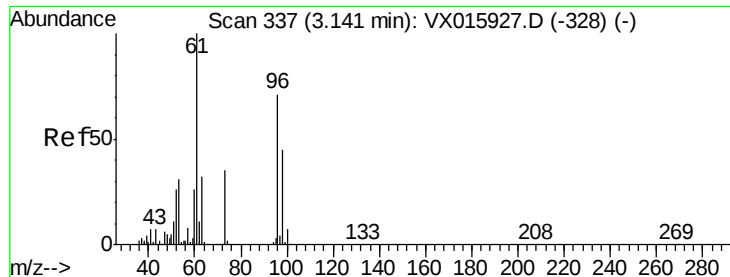


#20

Methylene Chloride
 Concen: 19.775 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 84 Resp: 36775
 Ion Ratio Lower Upper
 84 100
 49 117.5 93.0 139.6
 51 36.4 28.6 43.0
 86 64.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.237 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

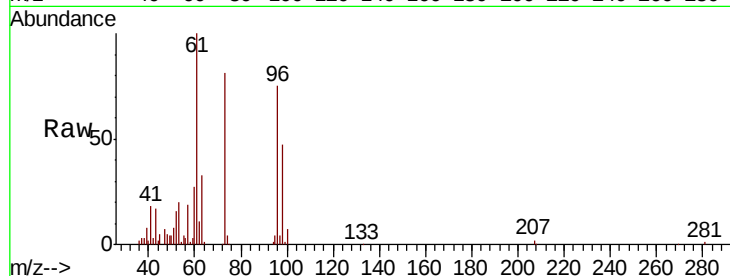
Tot Ion: 96 Resp: 36337

Ion Ratio Lower Upper

96 100

61 133.9 112.7 169.1

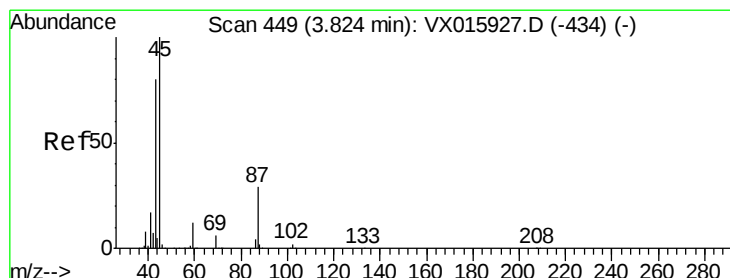
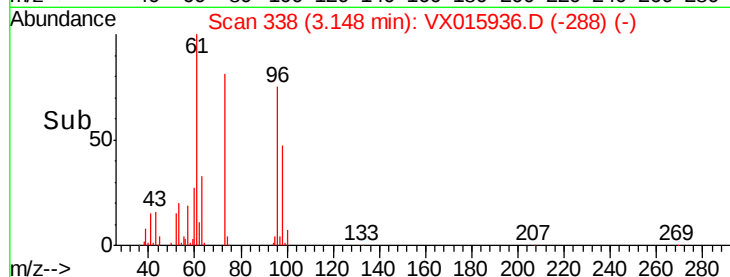
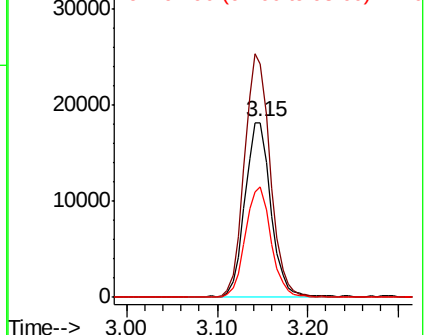
98 63.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.071 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion: 45 Resp: 112586

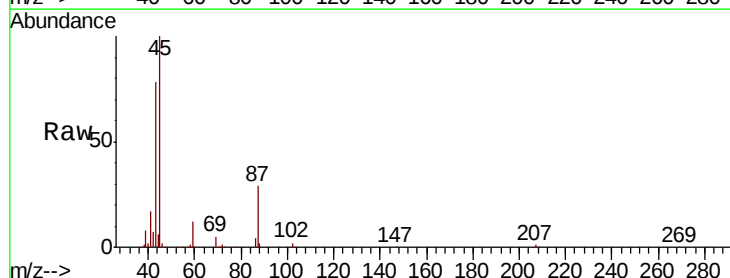
Ion Ratio Lower Upper

45 100

43 78.0 63.8 95.6

87 29.2 22.9 34.3

59 12.0 9.5 14.3

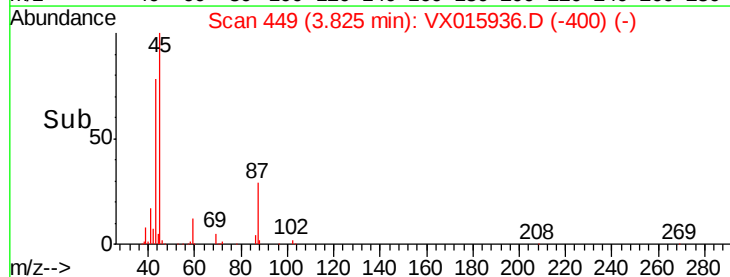
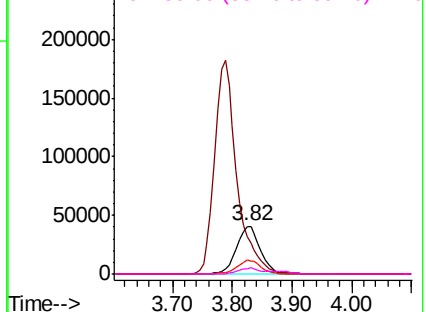


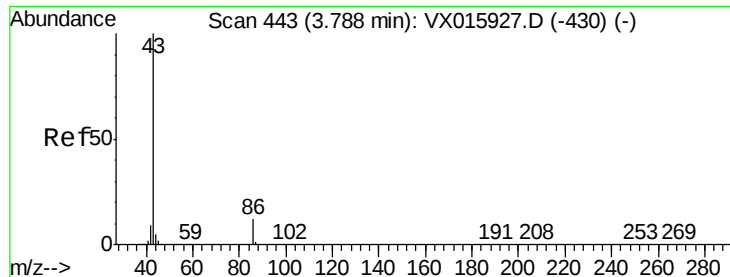
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.009 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

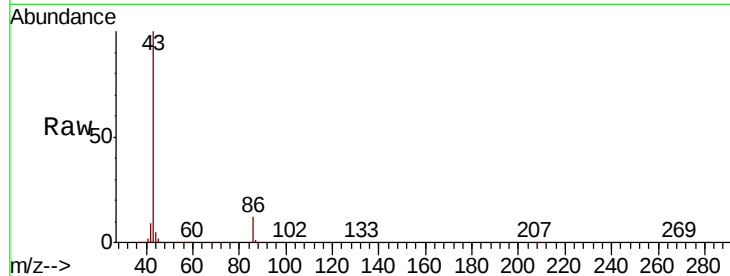
VX0424WBSD01

Tot Ion: 43 Resp: 472071

Ion Ratio Lower Upper

43 100

86 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

200000

150000

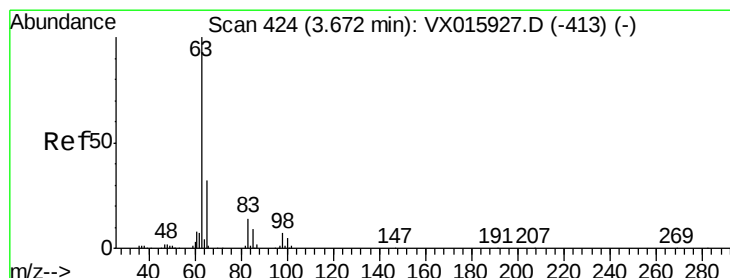
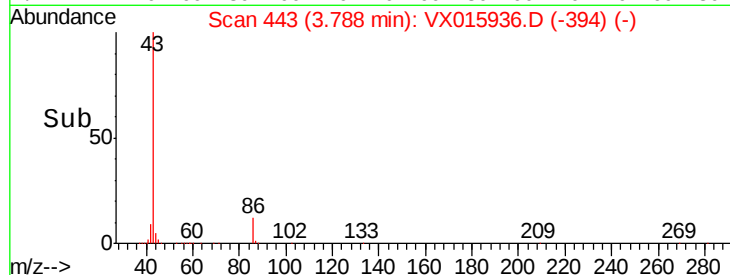
100000

50000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.160 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

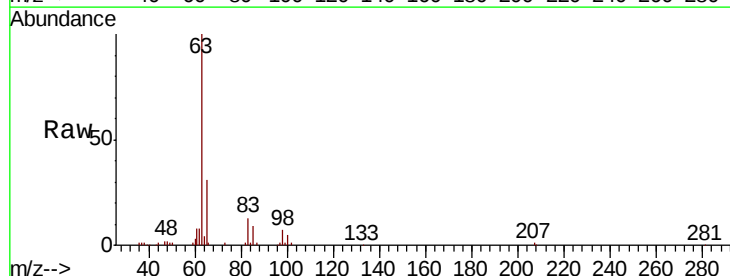
Tgt Ion: 63 Resp: 64689

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

30000

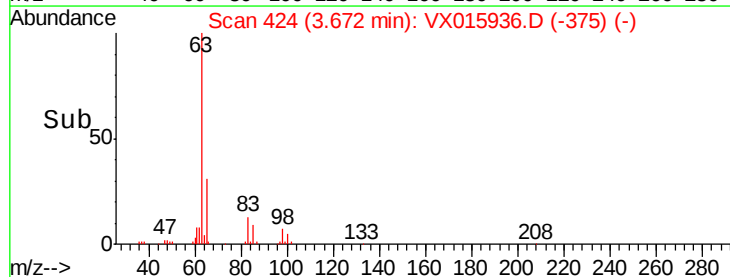
20000

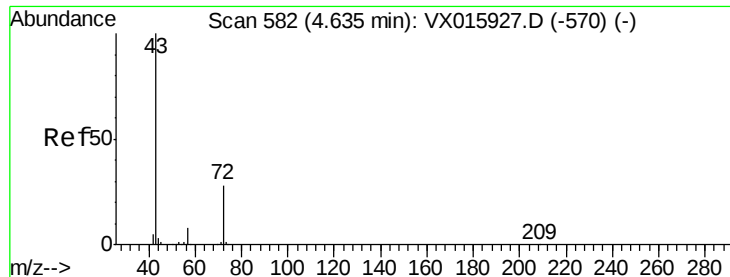
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 102.239 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

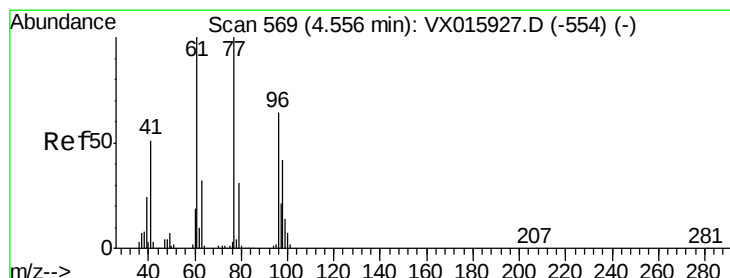
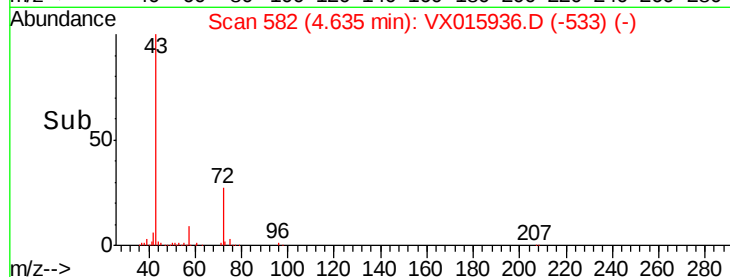
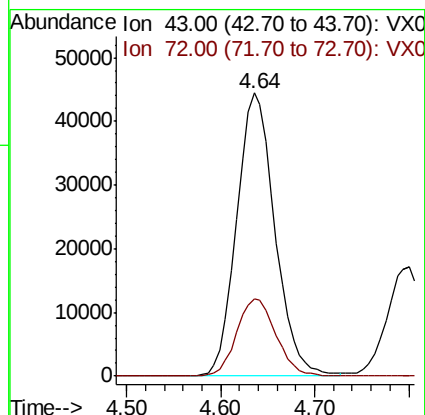
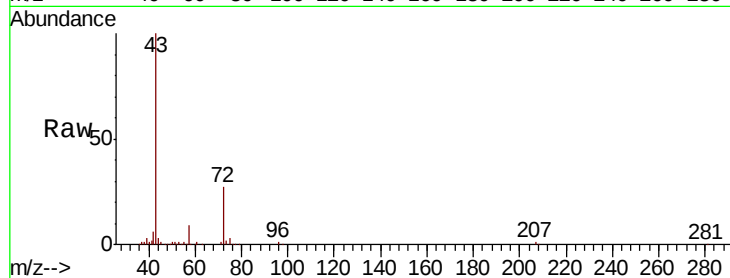
VX0424WBSD01

Tot Ion: 43 Resp: 125153

Ion Ratio Lower Upper

43 100

72 27.1 22.4 33.6



#26

2,2-Dichloropropane

Concen: 20.572 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015936.D

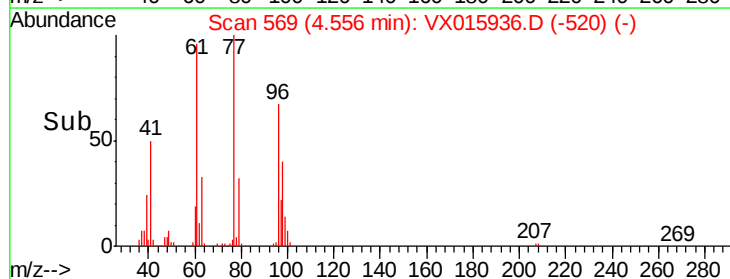
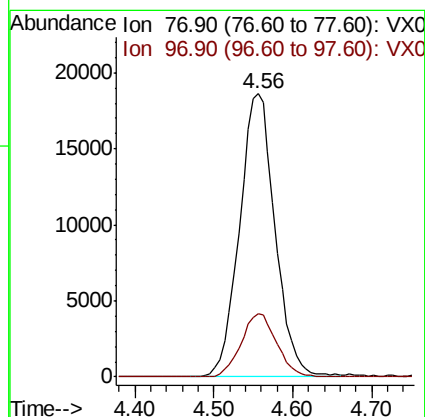
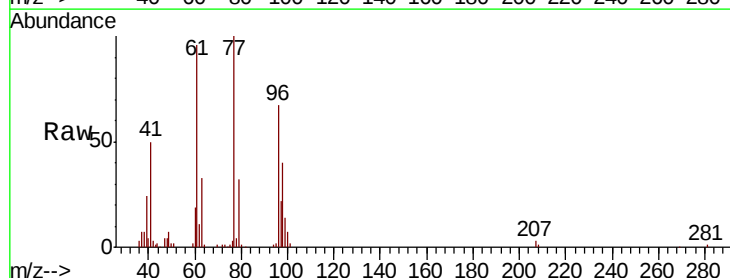
Acq: 24 Apr 2020 17:28

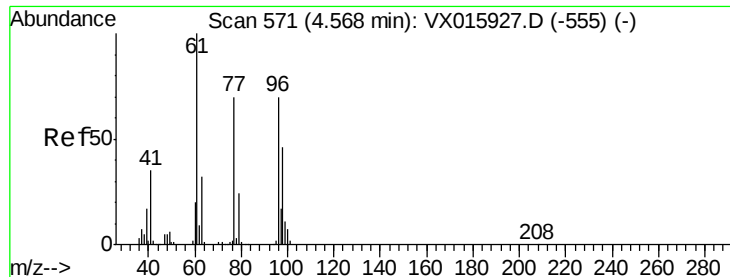
Tgt Ion: 77 Resp: 58250

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.9



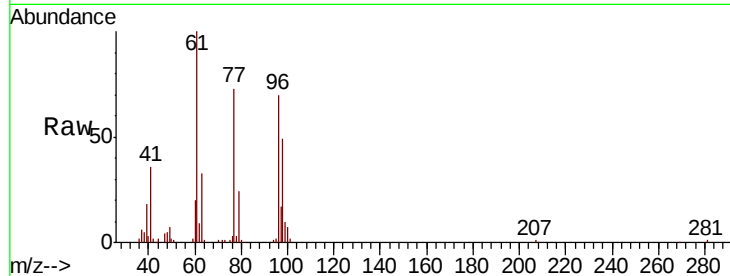


#27

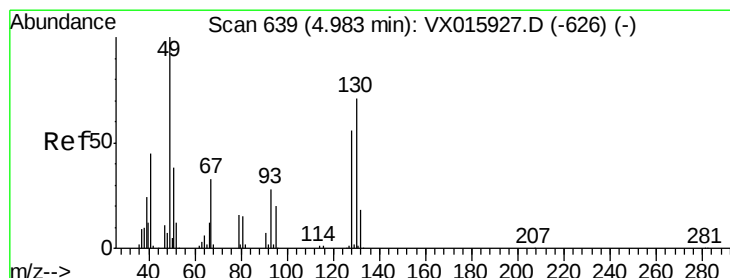
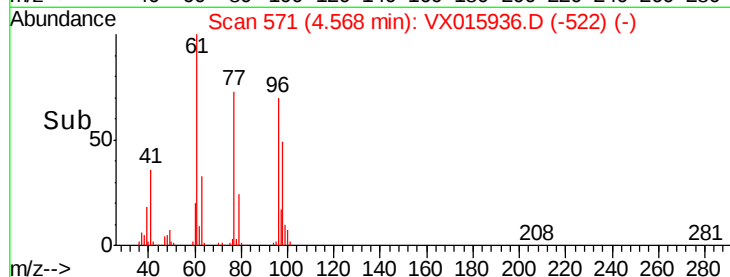
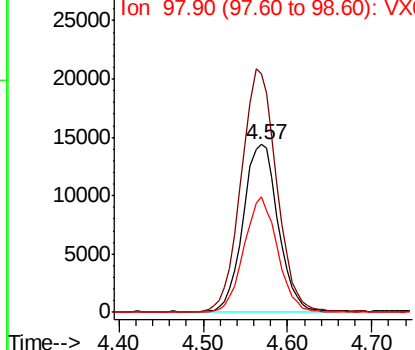
cis-1,2-Dichloroethene
Concen: 20.128 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion: 96 Resp: 41000
Ion Ratio Lower Upper
96 100
61 145.9 0.0 293.4
98 65.0 0.0 129.0



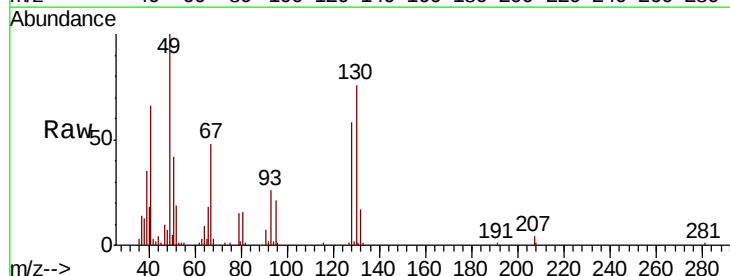
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



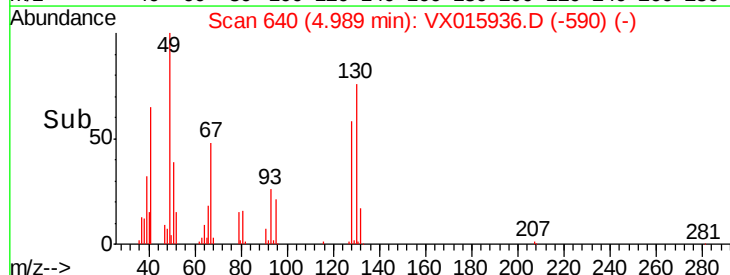
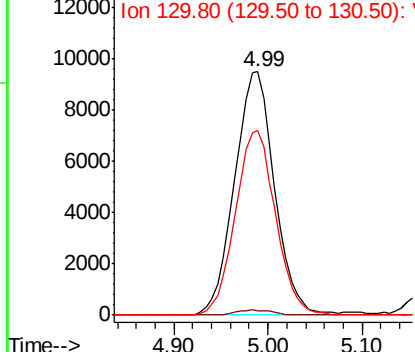
#28

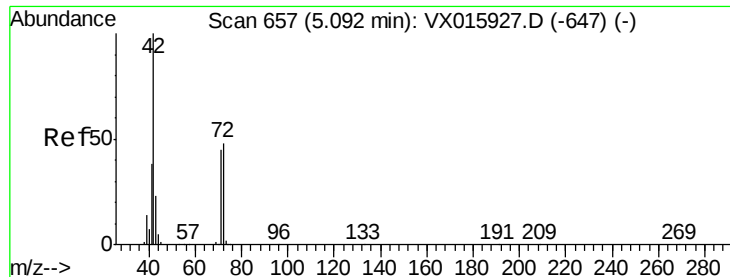
Bromochloromethane
Concen: 19.947 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion: 49 Resp: 28294
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 75.9 60.7 91.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.251 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

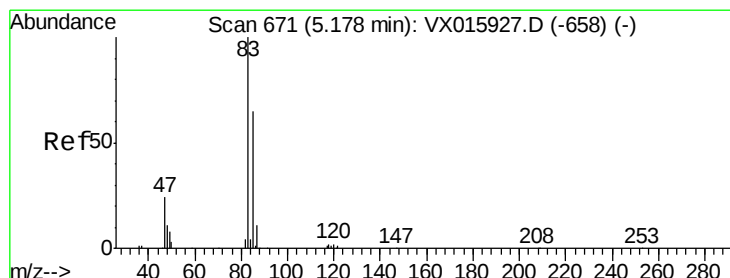
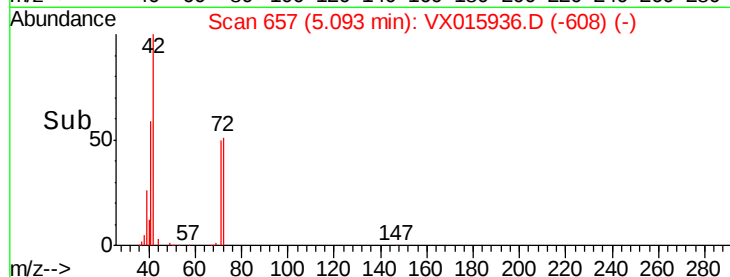
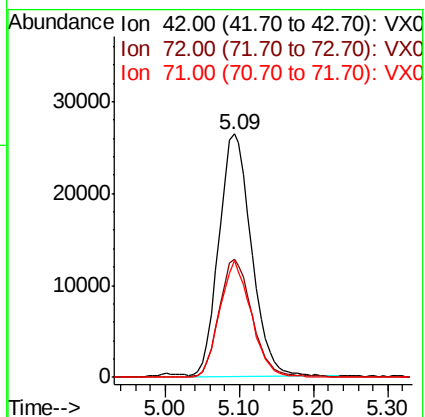
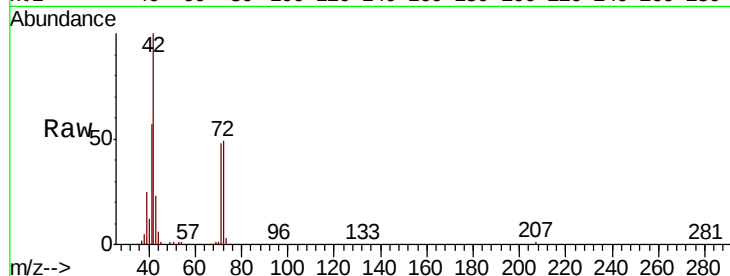
Tot Ion: 42 Resp: 80840

Ion Ratio Lower Upper

42 100

72 49.5 39.5 59.3

71 46.3 36.4 54.6



#30

Chloroform

Concen: 20.367 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015936.D

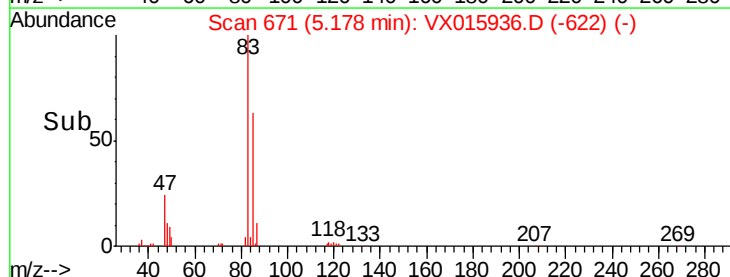
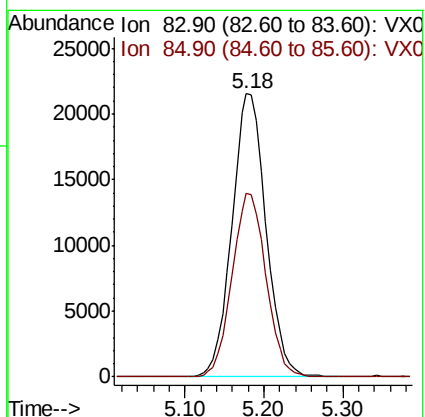
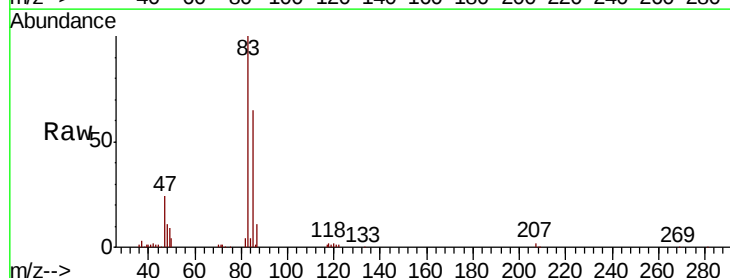
Acq: 24 Apr 2020 17:28

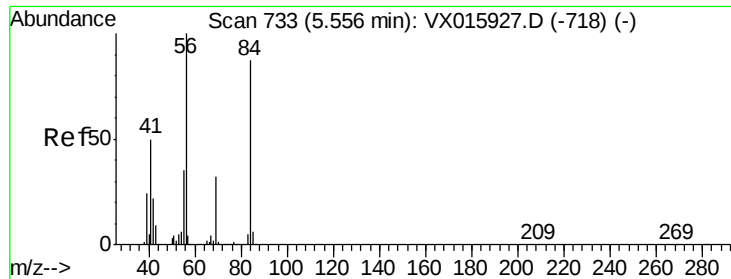
Tgt Ion: 83 Resp: 64603

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

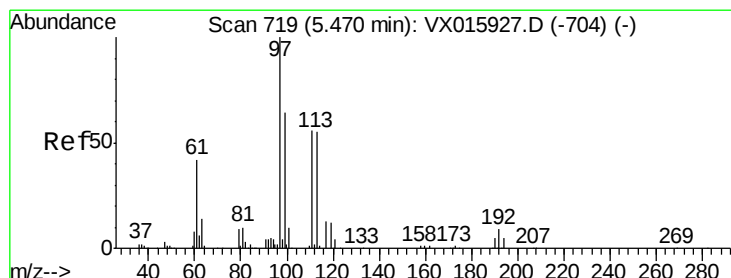
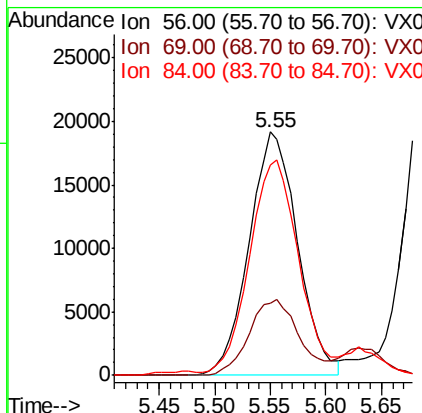
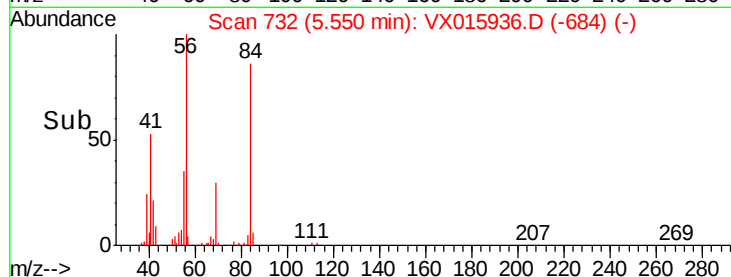
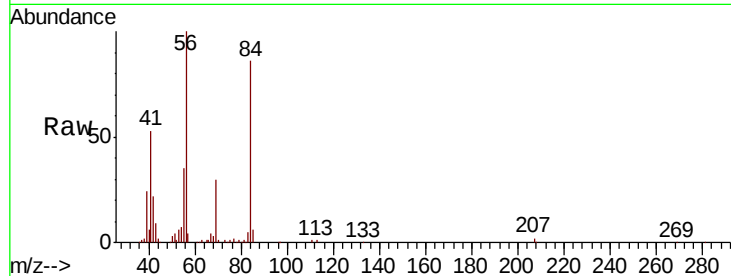




#31
Cyclohexane
Concen: 19.355 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

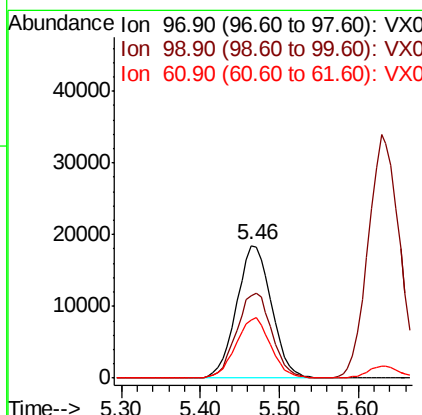
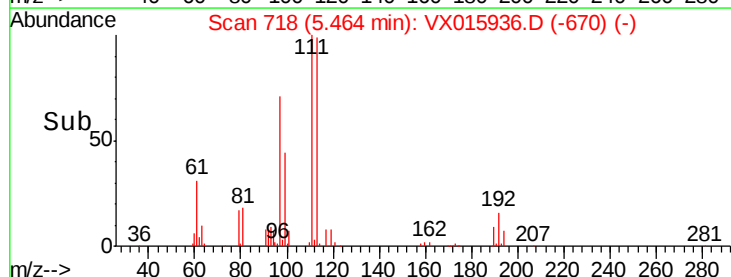
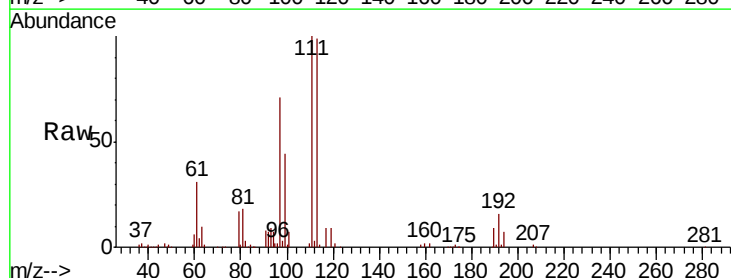
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

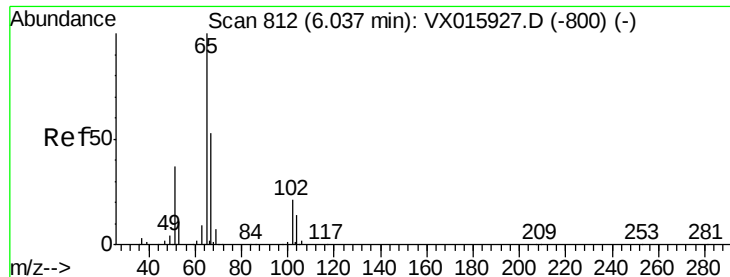
Tot Ion: 56 Resp: 58174
Ion Ratio Lower Upper
56 100
69 29.6 25.4 38.0
84 84.8 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 19.969 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion: 97 Resp: 56985
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 45.2 35.0 52.4

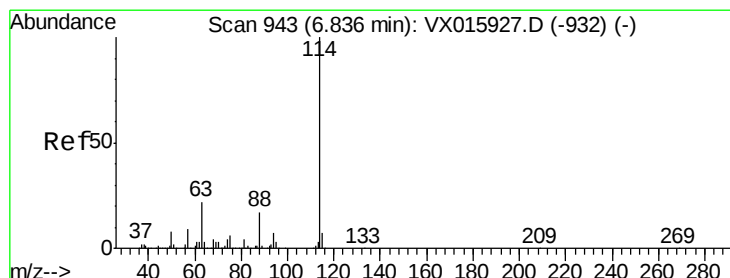
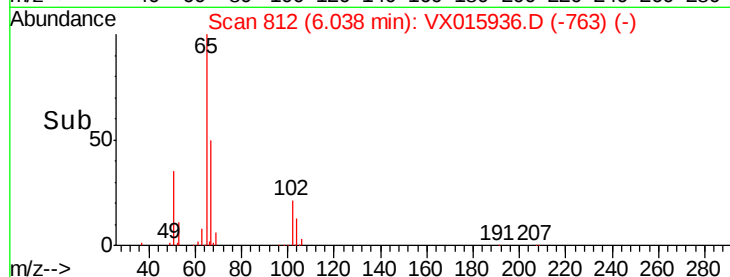
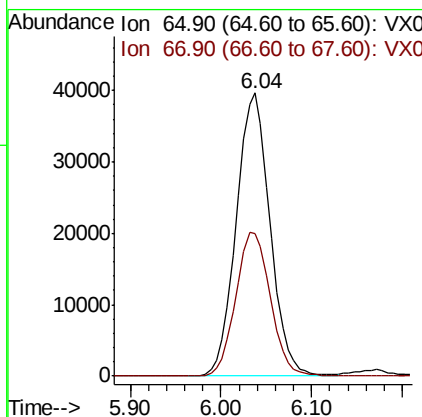
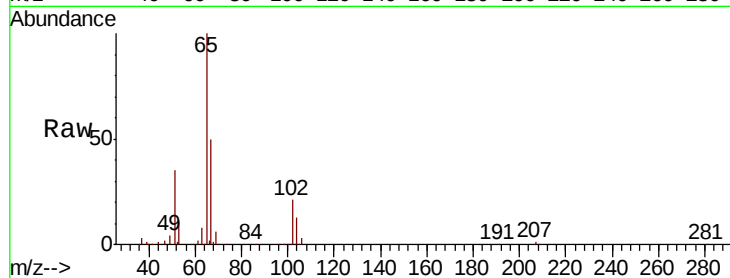




#33
 1,2-Dichloroethane-d4
 Concen: 51.117 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

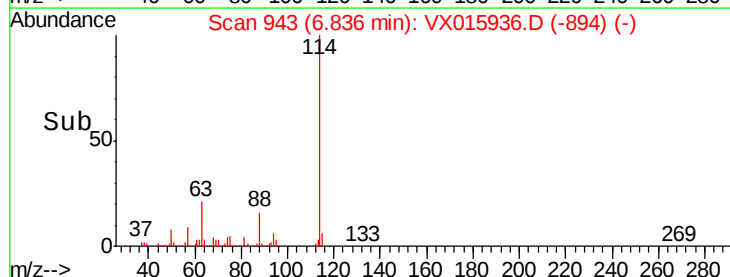
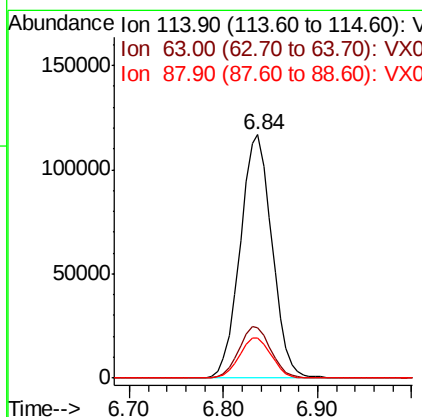
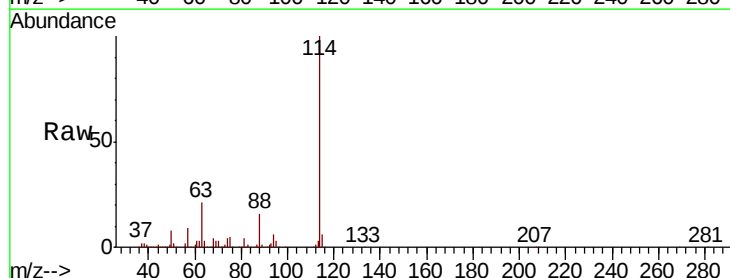
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

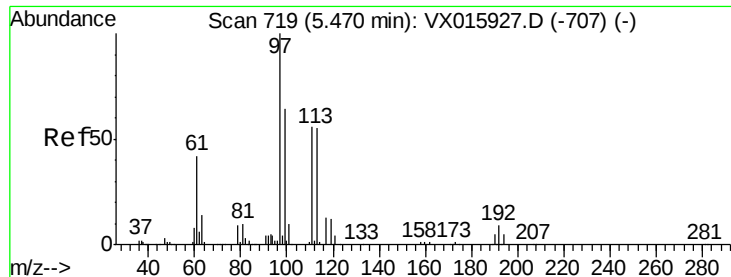
Tot Ion: 65 Resp: 102454
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 114 Resp: 274382
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.4
 88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.074 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

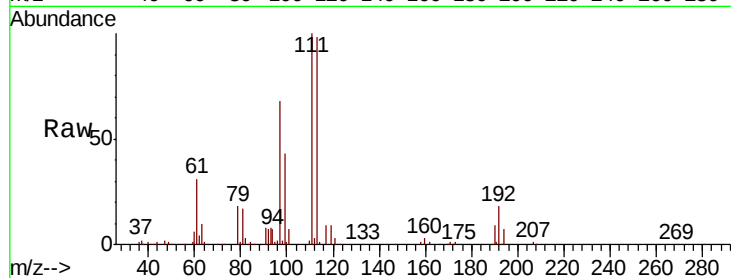
Tot Ion:113 Resp: 76429

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

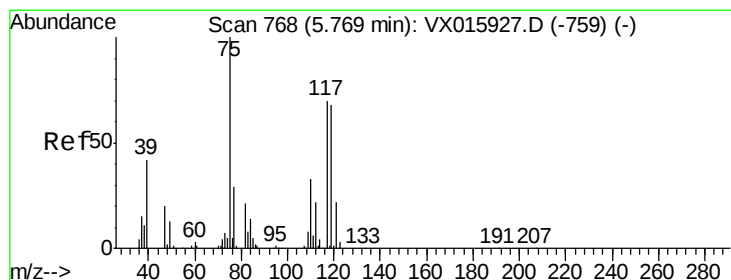
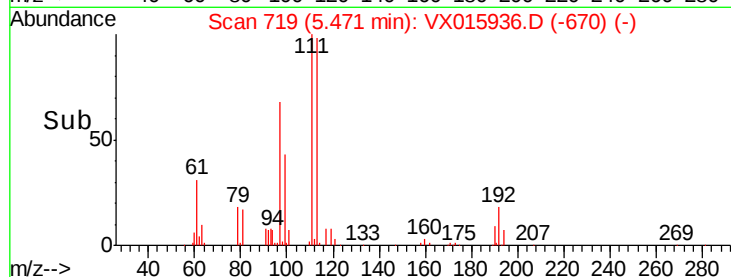
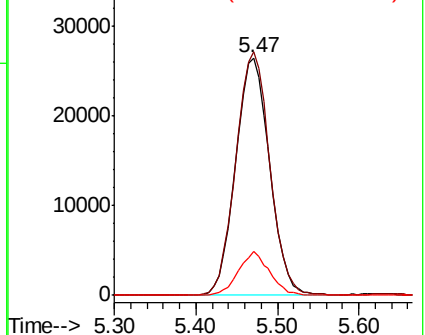
192 16.8 13.6 20.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.886 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

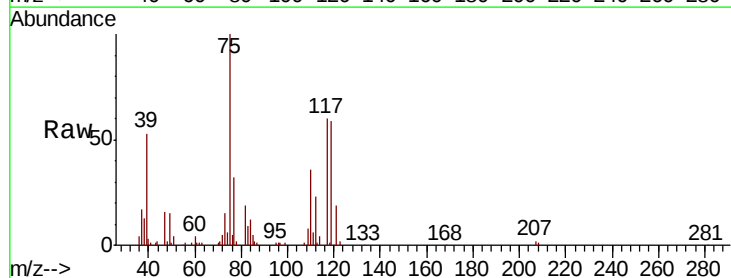
Tgt Ion: 75 Resp: 49455

Ion Ratio Lower Upper

75 100

110 34.6 17.1 51.3

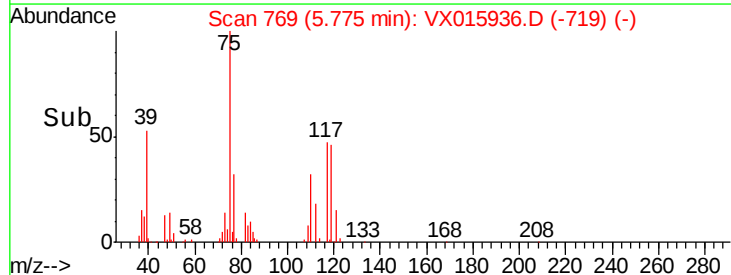
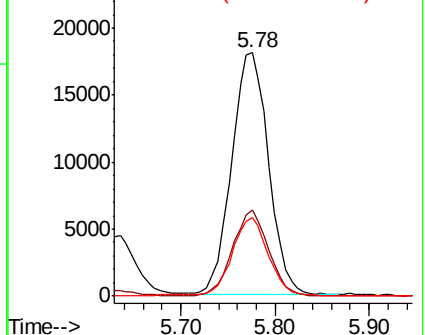
77 31.4 25.0 37.4

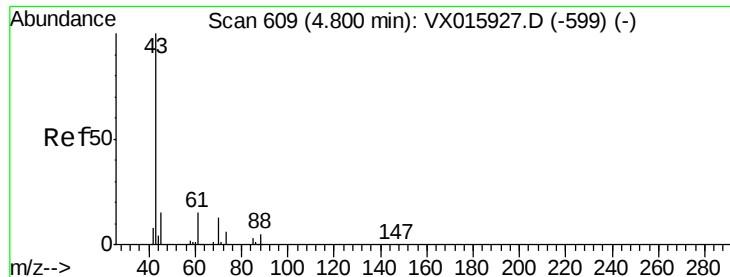


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

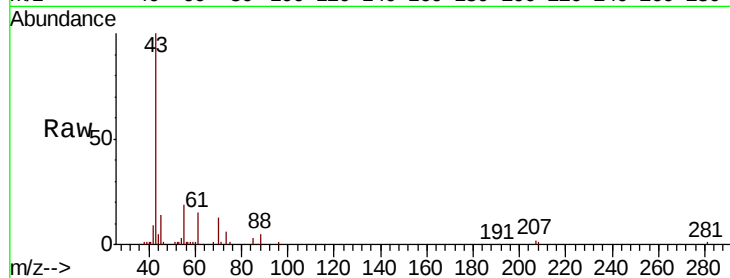




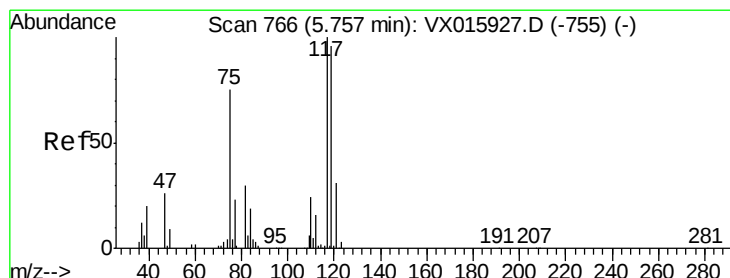
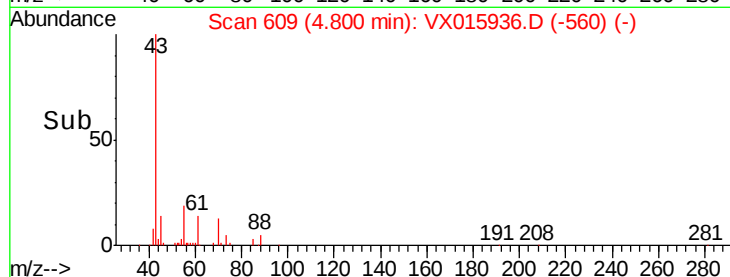
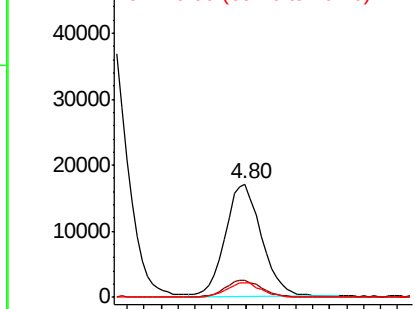
#37
Ethyl Acetate
Concen: 18.931 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion: 43 Resp: 49726
Ion Ratio Lower Upper
43 100
61 15.6 11.6 17.4
70 12.3 9.8 14.6

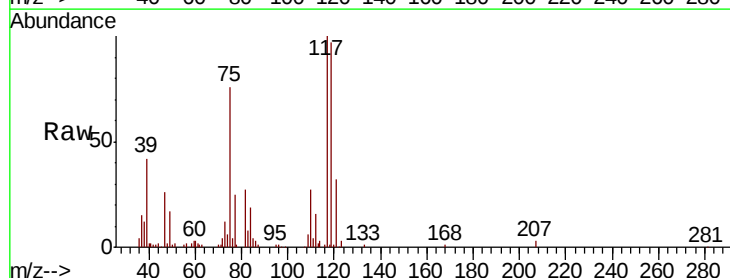


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

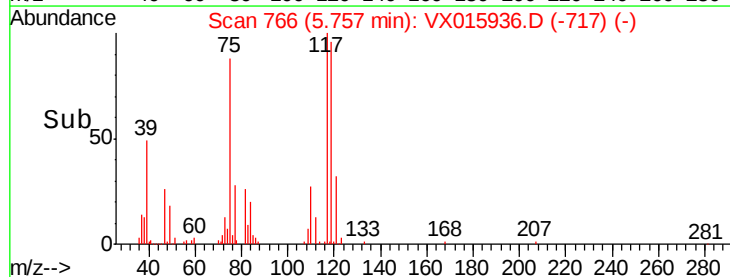
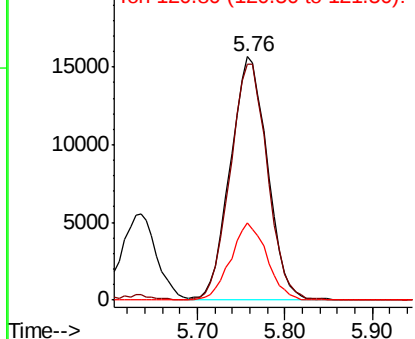


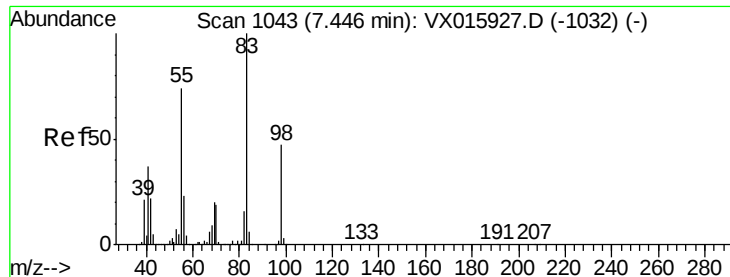
#38
Carbon Tetrachloride
Concen: 19.238 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion: 117 Resp: 46035
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6
121 31.6 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

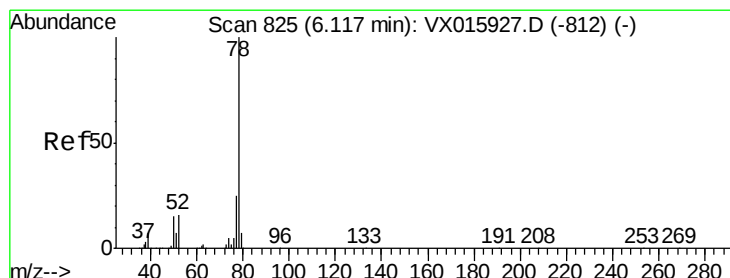
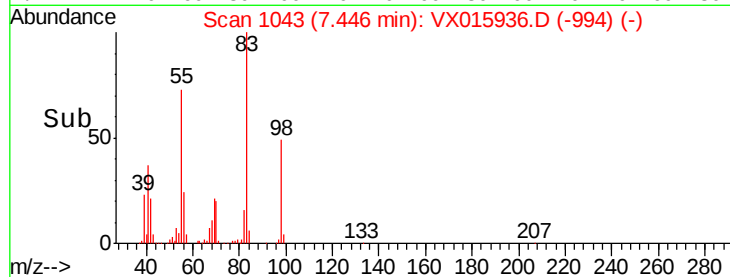
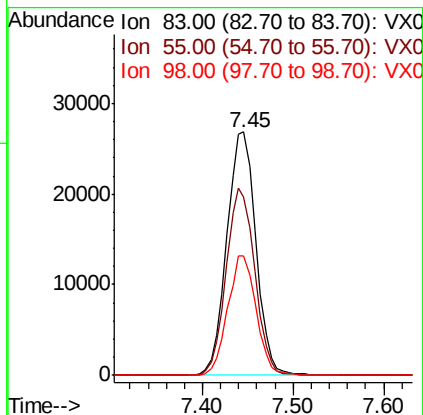
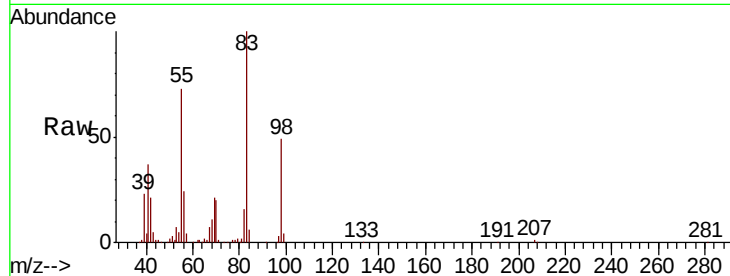




#39
Methvlcvclohexane
Concen: 18.854 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

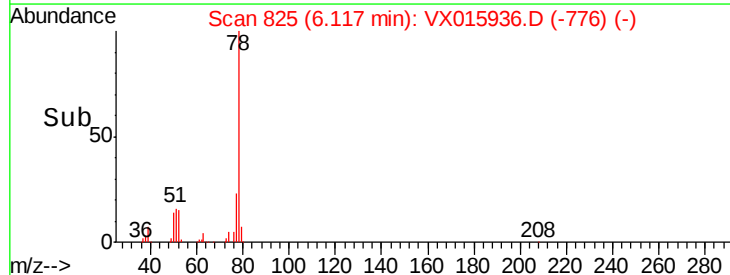
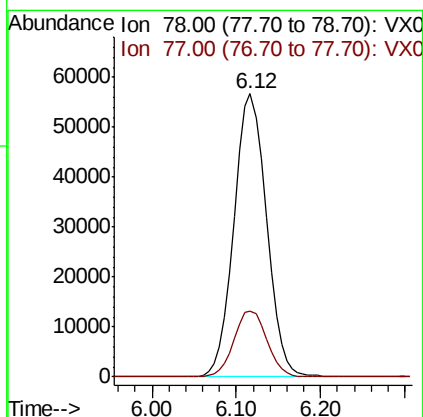
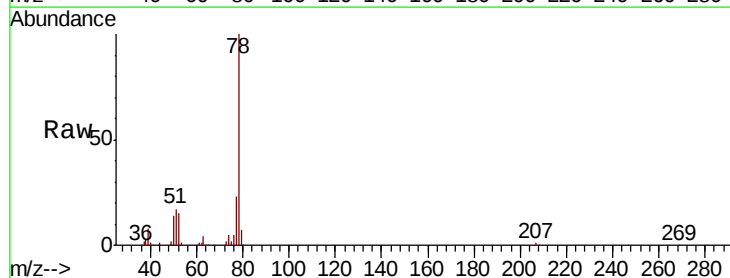
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

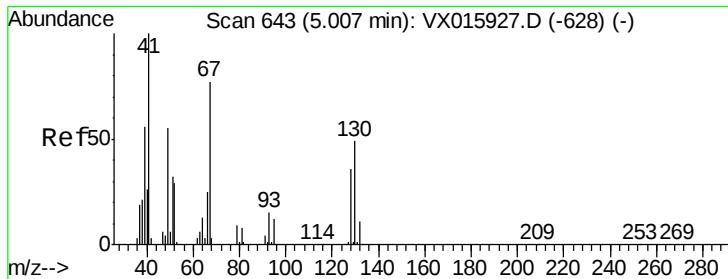
Tot Ion	83	Resp	59847
Ion Ratio	Lower	Upper	
83	100		
55	73.0	59.0	88.4
98	48.8	37.4	56.0



#40
Benzene
Concen: 19.389 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion	78	Resp	148589
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.8	29.8

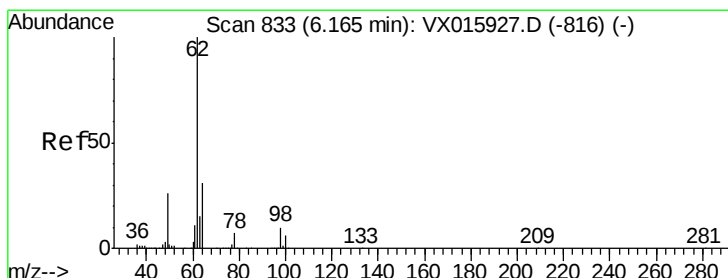
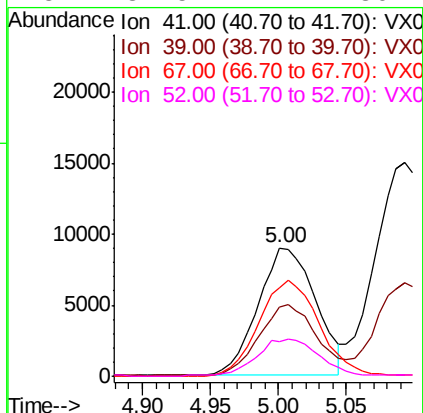
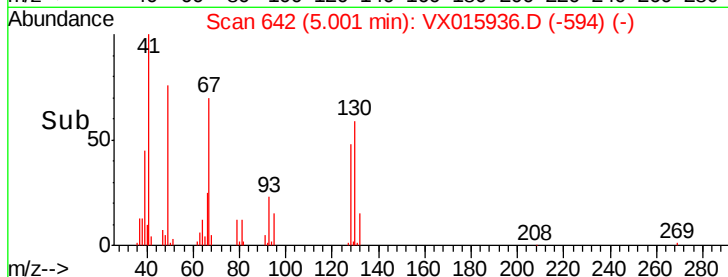
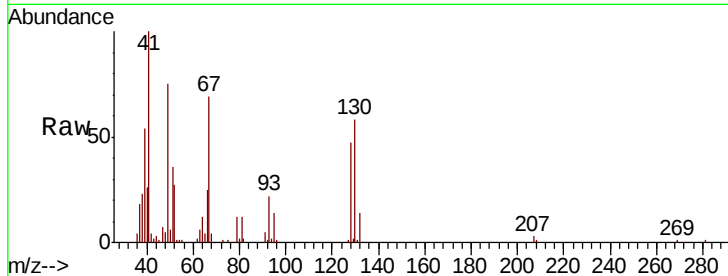




#41
Methacrylonitrile
Concen: 17.834 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

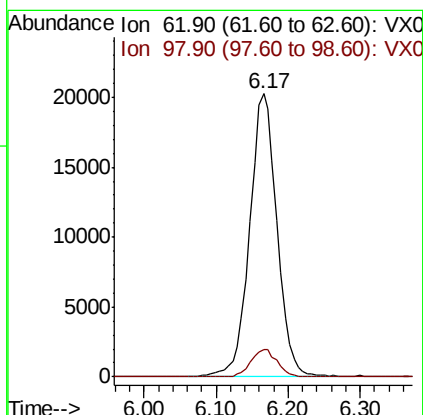
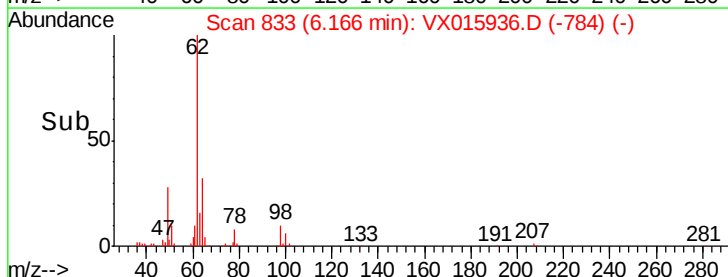
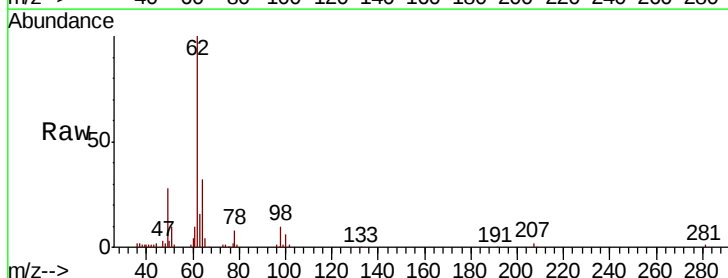
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

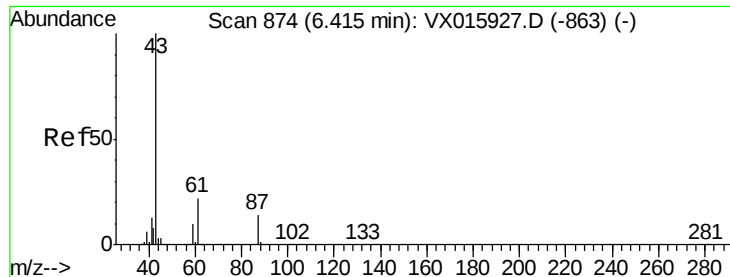
Tot Ion:	41	Resp:	26553
Ion	Ratio	Lower	Upper
41	100		
39	57.7	42.8	64.2
67	79.3	62.0	93.0
52	32.5	24.2	36.4



#42
1,2-Dichloroethane
Concen: 19.950 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion:	62	Resp:	53504
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.0



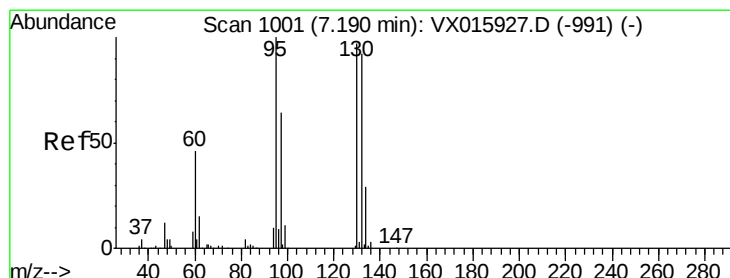
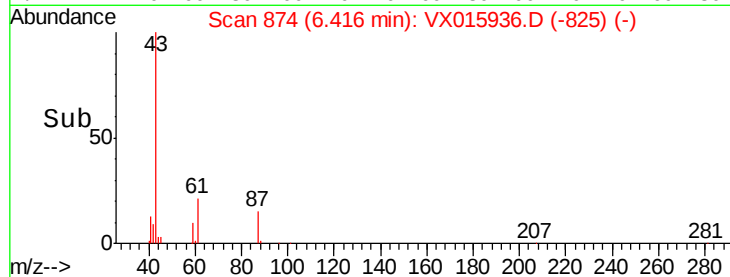
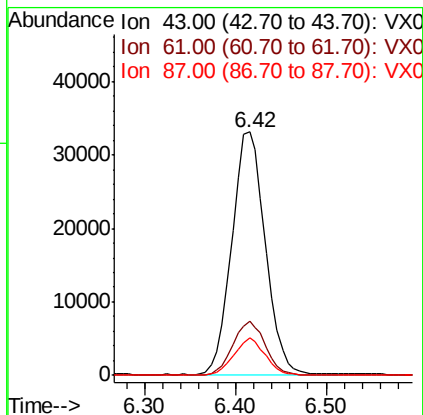
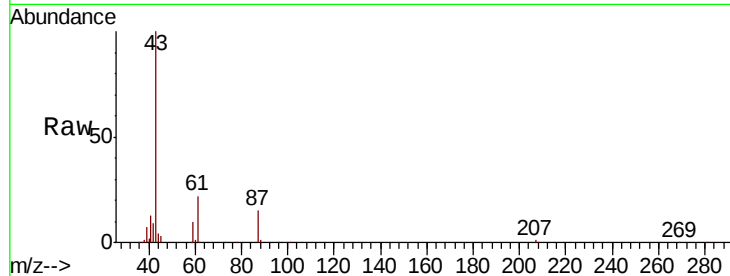


#43

Isopropyl Acetate
 Concen: 19.612 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

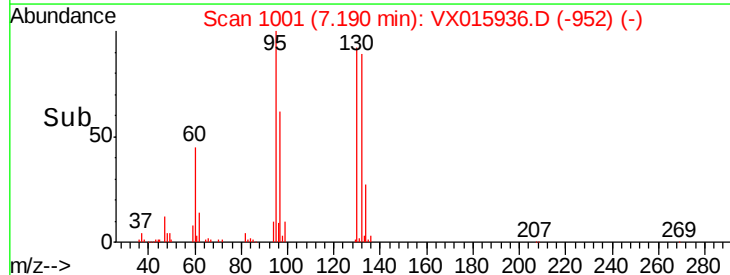
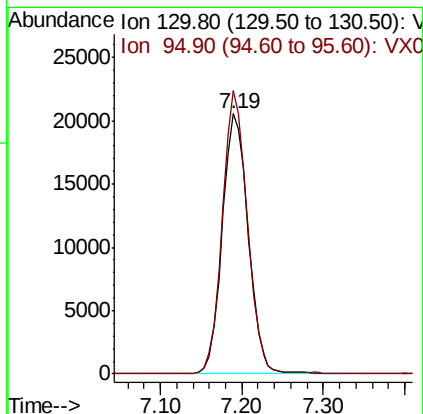
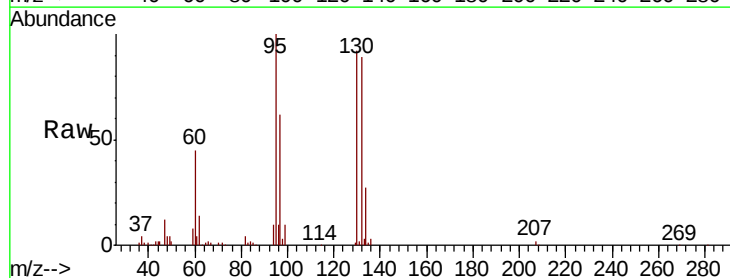
Tot Ion: 43 Resp: 84636
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.6 26.4
 87 14.3 11.6 17.4

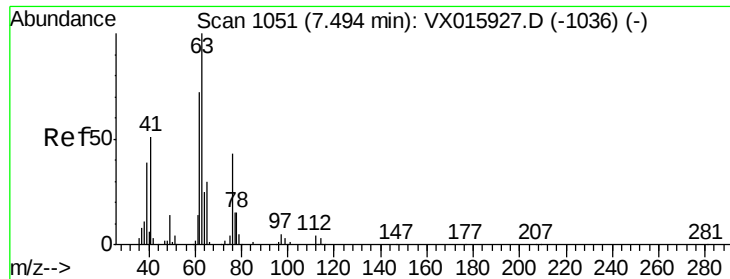


#44

Trichloroethene
 Concen: 19.215 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 130 Resp: 45329
 Ion Ratio Lower Upper
 130 100
 95 109.0 0.0 205.2





#45

1,2-Dichloropropane

Concen: 19.499 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

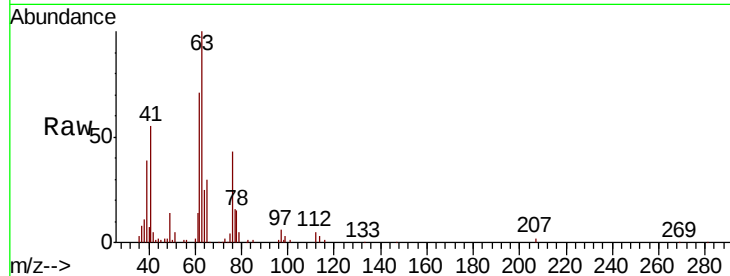
VX0424WBSD01

Tot Ion: 63 Resp: 38238

Ion Ratio Lower Upper

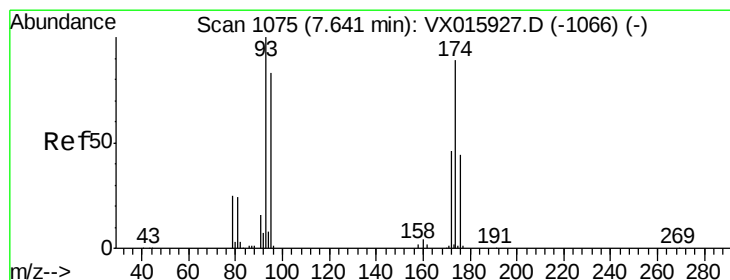
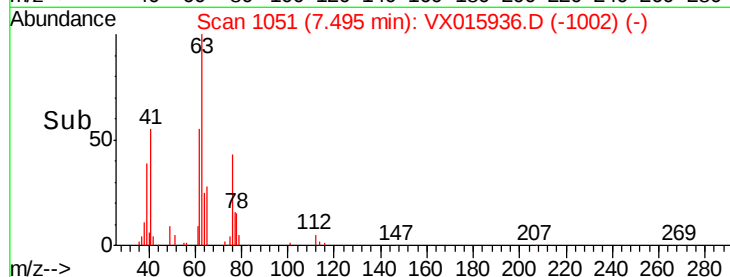
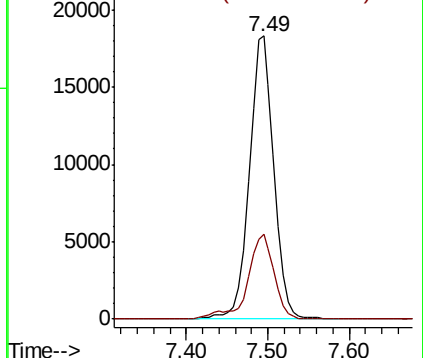
63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.393 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

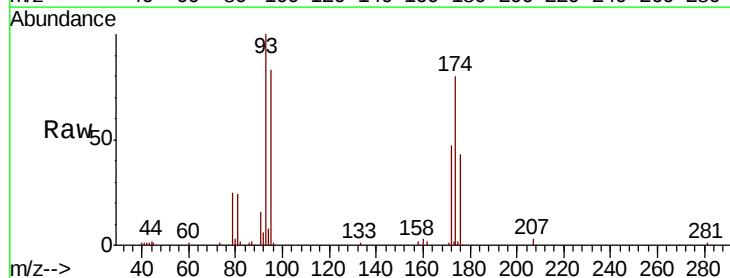
Tgt Ion: 93 Resp: 25397

Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

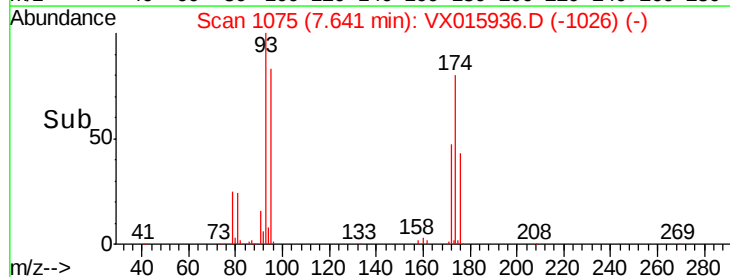
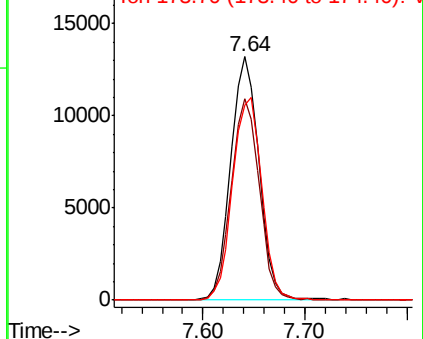
174 85.5 70.6 105.8

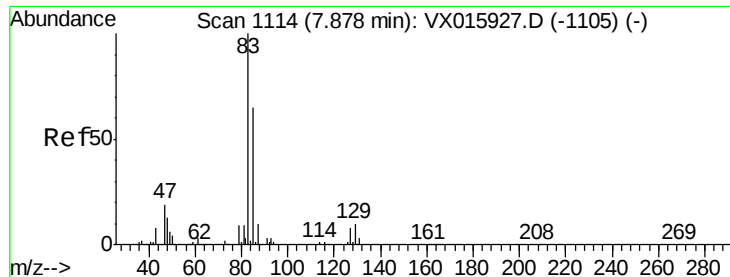


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.310 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

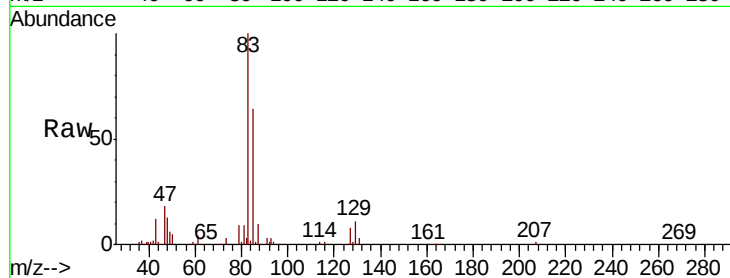
Tot Ion: 83 Resp: 51463

Ion Ratio Lower Upper

83 100

85 64.1 51.6 77.4

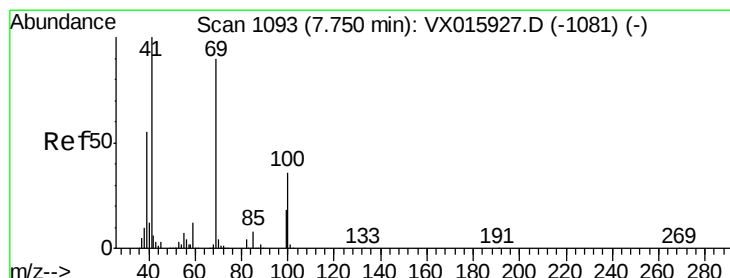
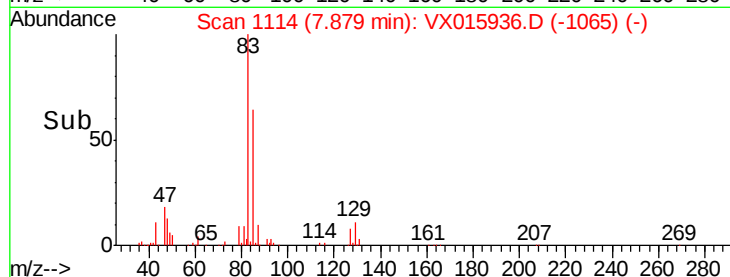
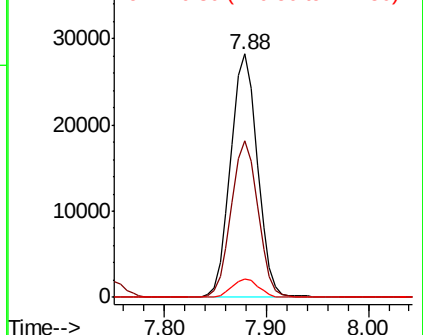
127 7.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.344 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

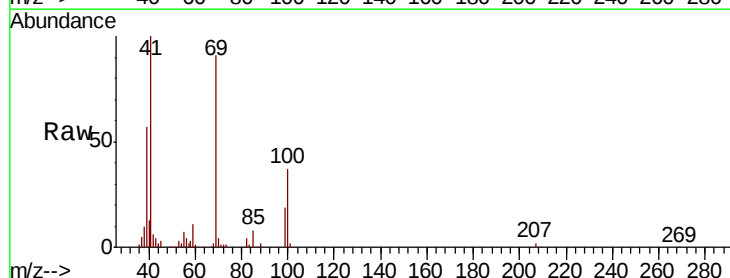
Tgt Ion: 41 Resp: 41049

Ion Ratio Lower Upper

41 100

69 86.8 72.0 108.0

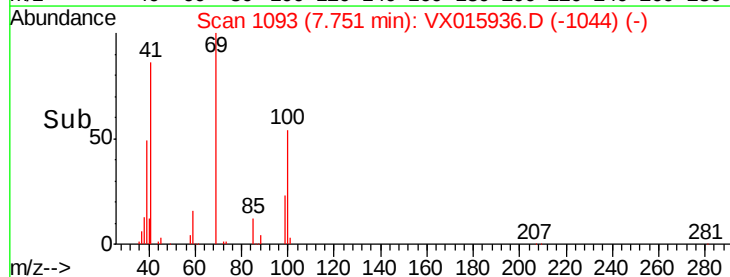
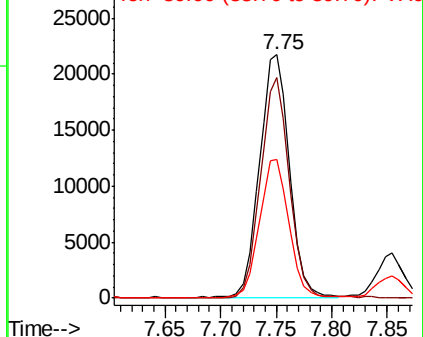
39 55.9 44.1 66.1

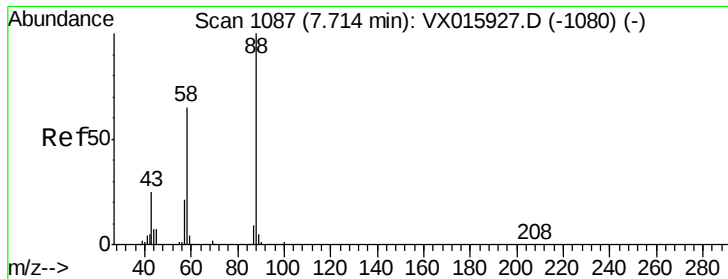


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

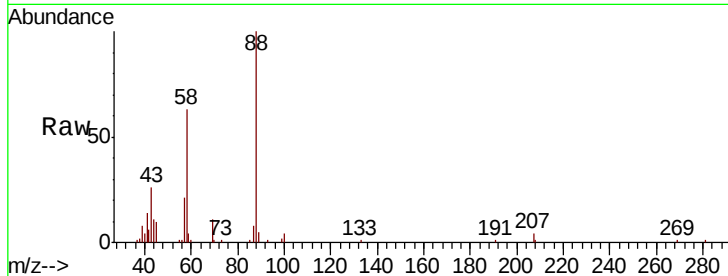




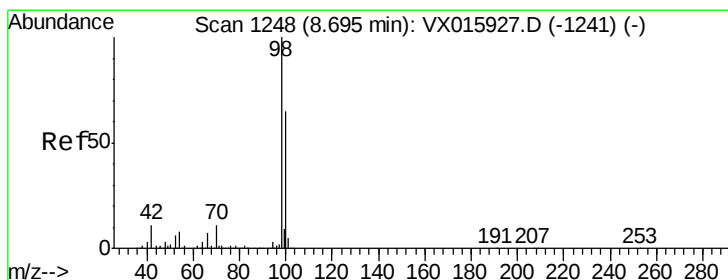
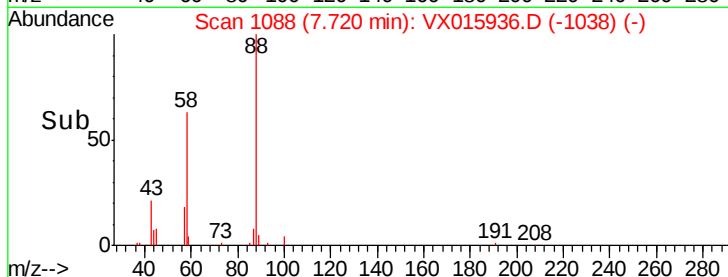
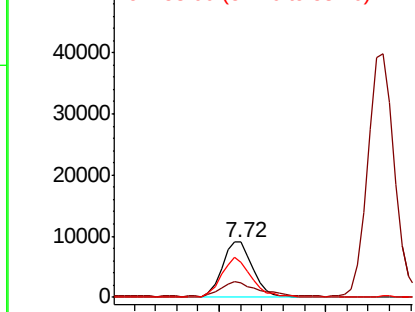
#49
1,4-Dioxane
Concen: 388.403 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

Tot Ion: 88 Resp: 18331
Ion Ratio Lower Upper
88 100
43 31.5 23.8 35.8
58 69.7 55.7 83.5

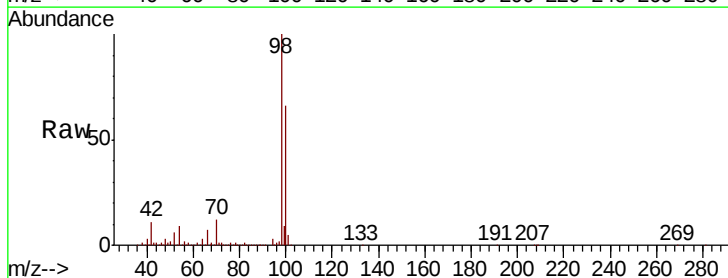


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

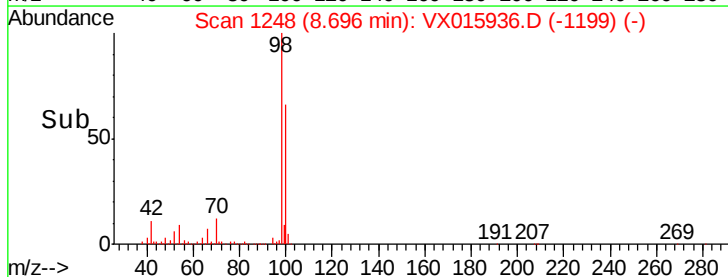
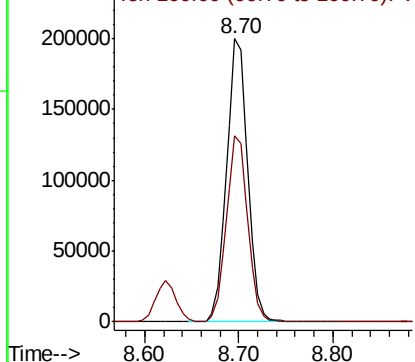


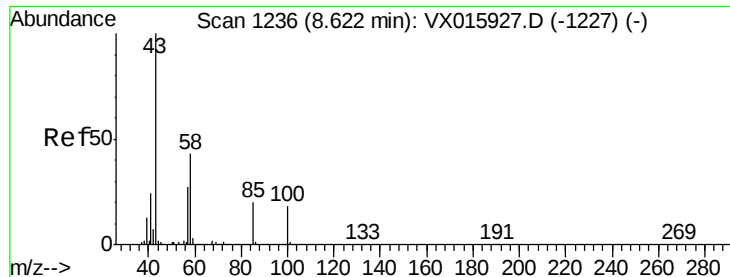
#50
Toluene-d8
Concen: 49.010 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion: 98 Resp: 310500
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.767 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

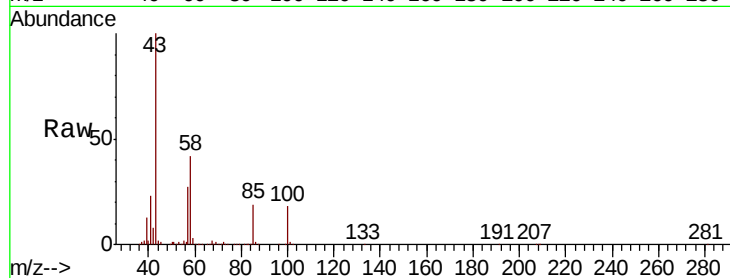
VX0424WBSD01

Tot Ion: 43 Resp: 249869

Ion Ratio Lower Upper

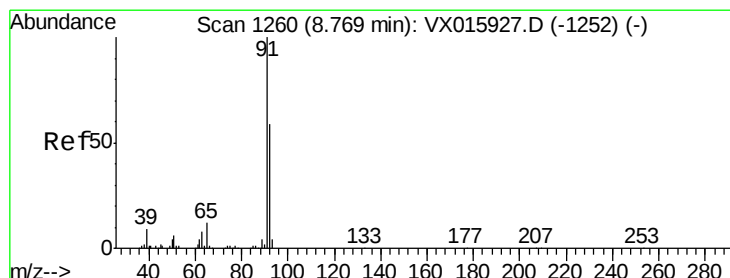
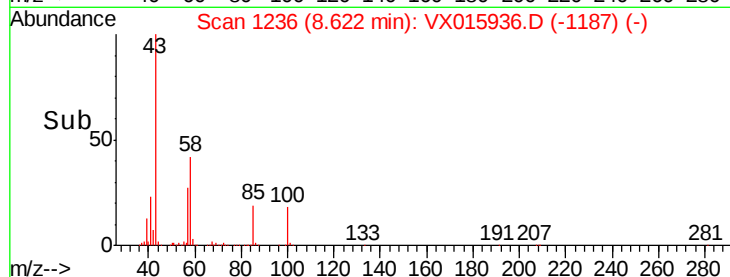
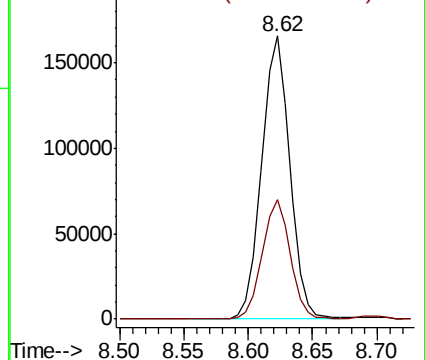
43 100

58 42.0 34.2 51.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.133 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015936.D

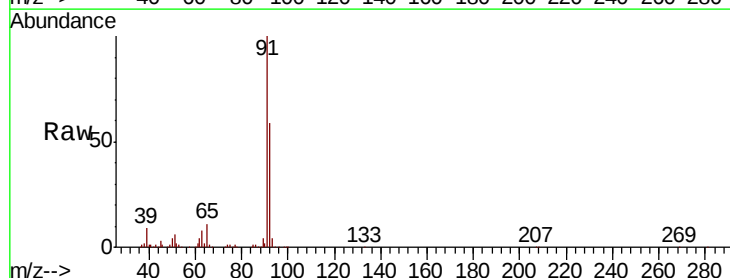
Acq: 24 Apr 2020 17:28

Tgt Ion: 92 Resp: 93015

Ion Ratio Lower Upper

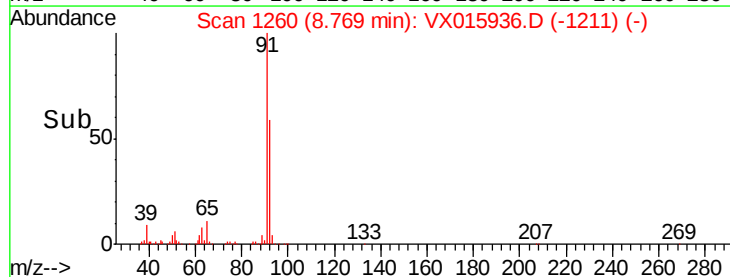
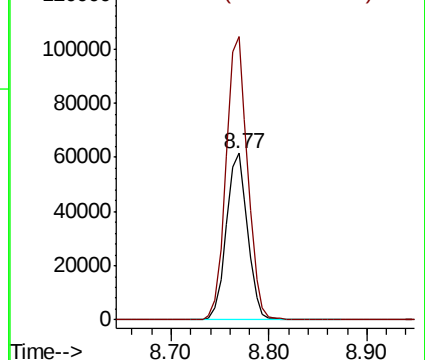
92 100

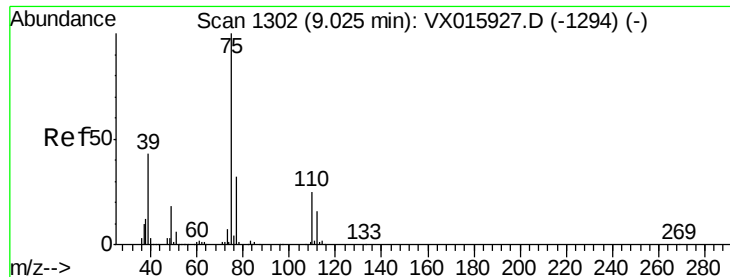
91 172.1 134.0 201.0



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: 19.385 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

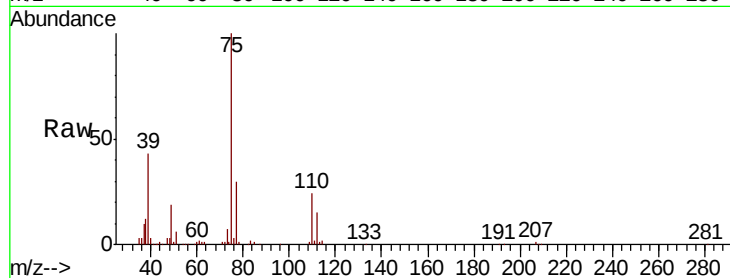
VX0424WBSD01

Tot Ion: 75 Resp: 62295

Ion Ratio Lower Upper

75 100

77 30.4 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

50000

40000

30000

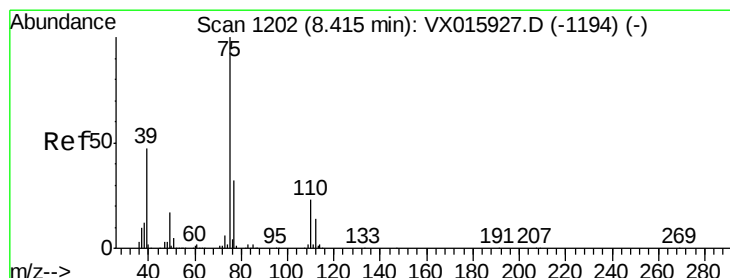
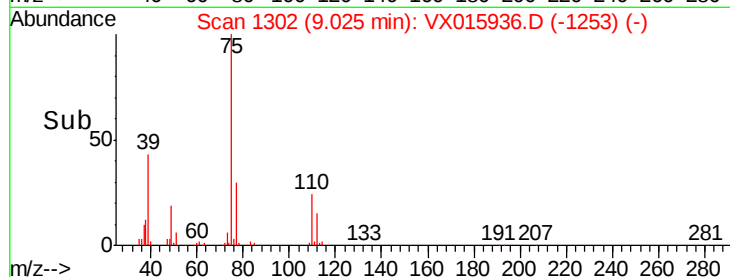
20000

10000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

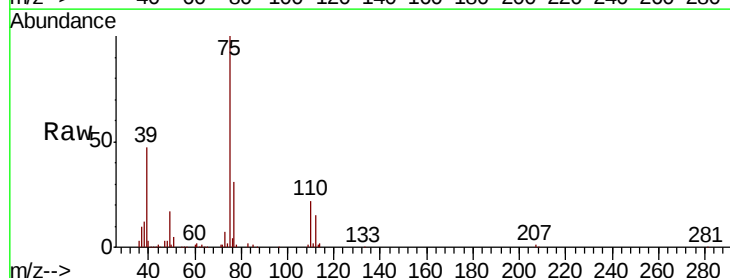
Tgt Ion: 75 Resp: 64870

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 46.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

50000

40000

30000

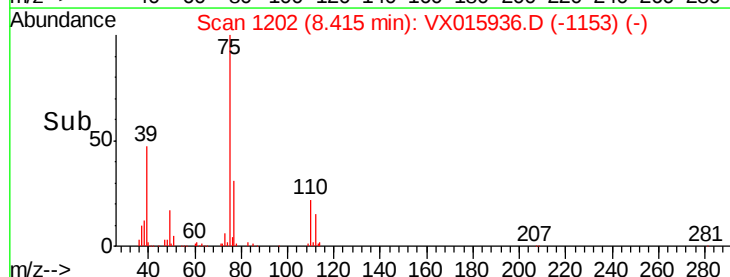
20000

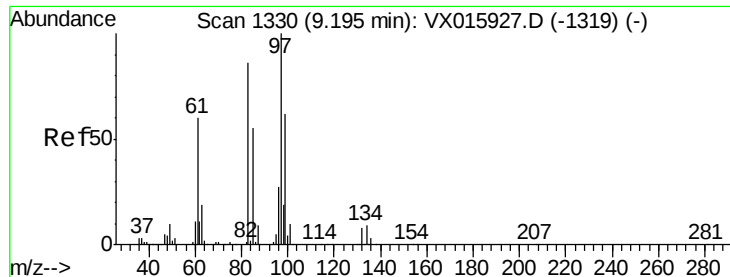
10000

0

8.30 8.40 8.50

Time-->

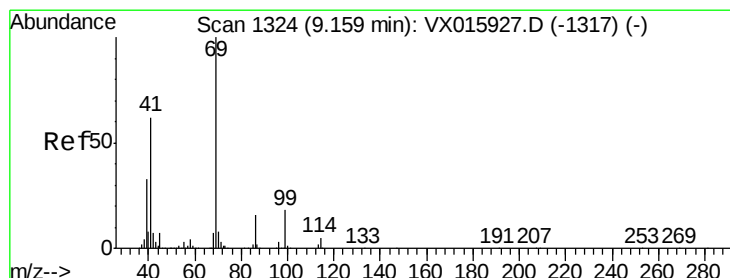
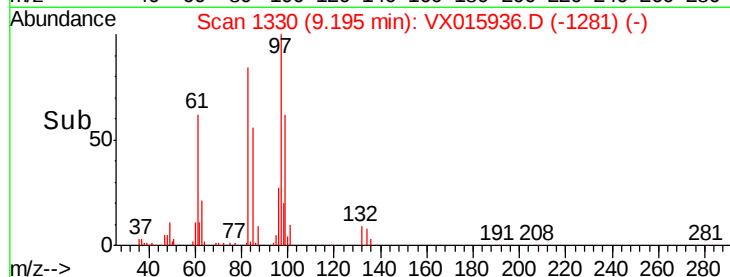
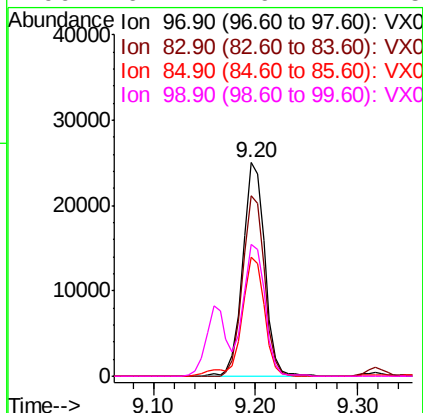
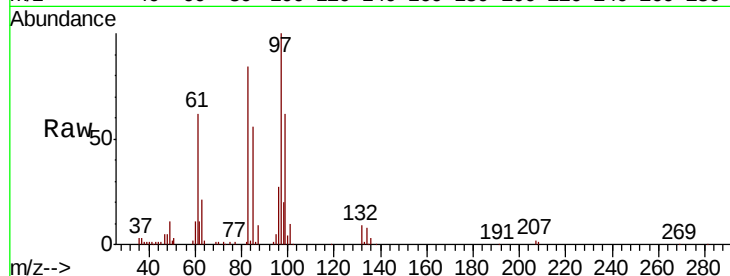




#55
 1,1,2-Trichloroethane
 Concen: 19.309 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

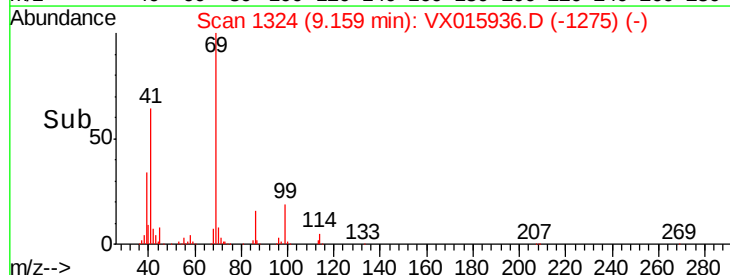
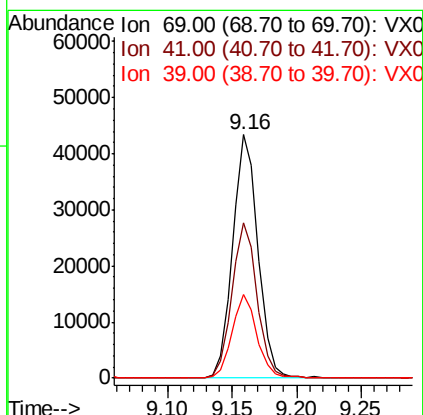
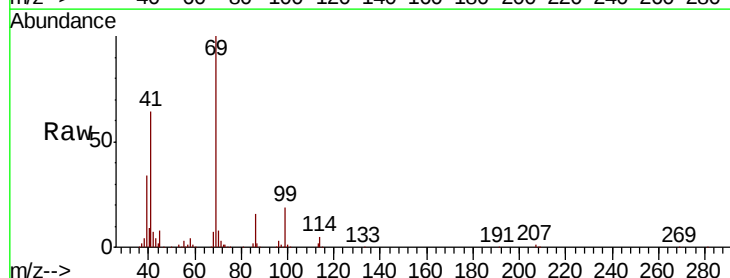
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

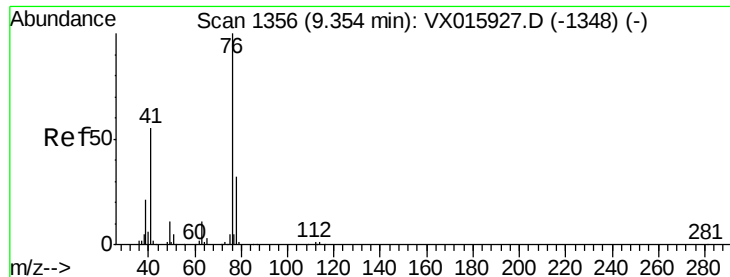
Tot Ion:	97	Resp:	37490
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	103.0
85	55.9	44.0	66.0
99	61.7	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 19.067 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion:	69	Resp:	59639
Ion	Ratio	Lower	Upper
69	100		
41	63.8	49.2	73.8
39	33.8	26.0	39.0





#57

1,3-Dichloropropane

Concen: 19.431 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

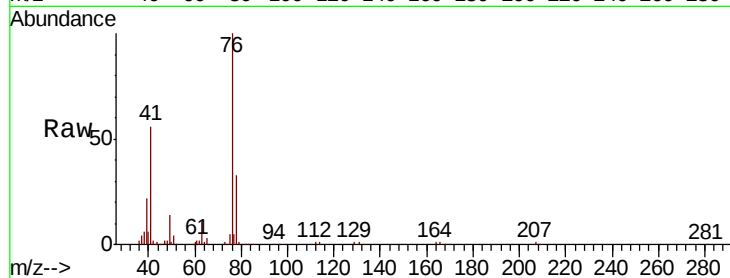
VX0424WBSD01

Tot Ion: 76 Resp: 64549

Ion Ratio Lower Upper

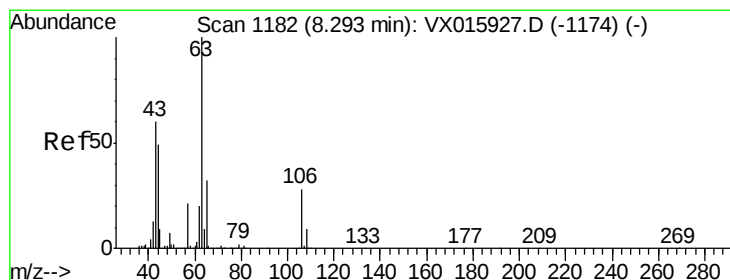
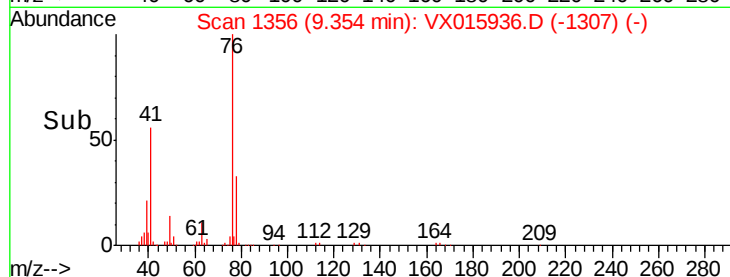
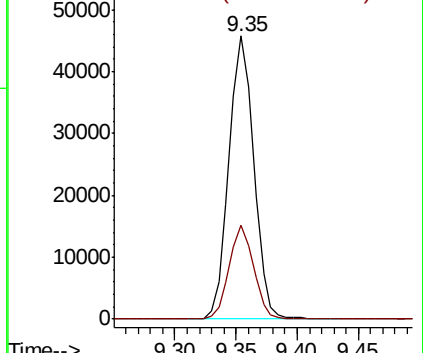
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.363 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015936.D

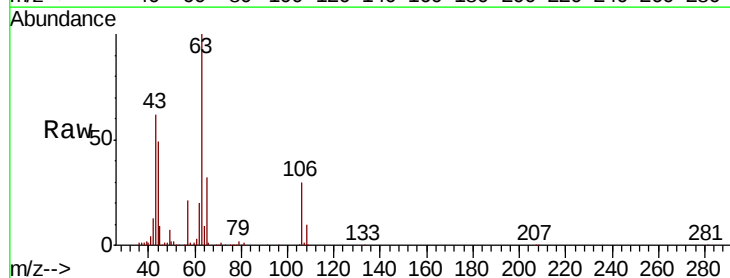
Acq: 24 Apr 2020 17:28

Tgt Ion: 63 Resp: 152031

Ion Ratio Lower Upper

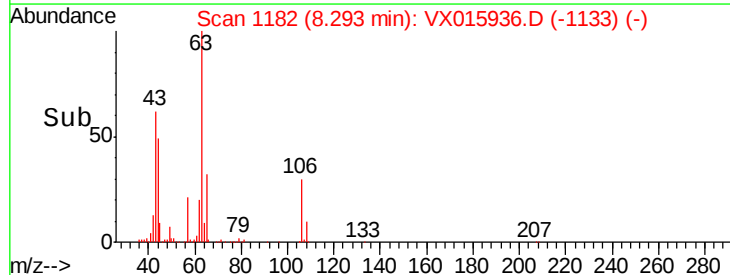
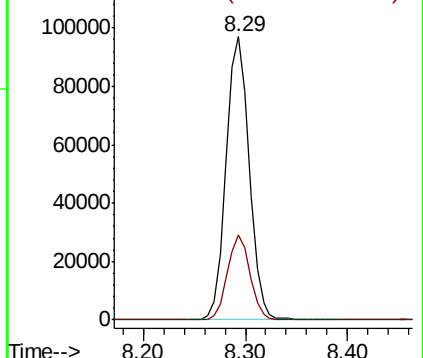
63 100

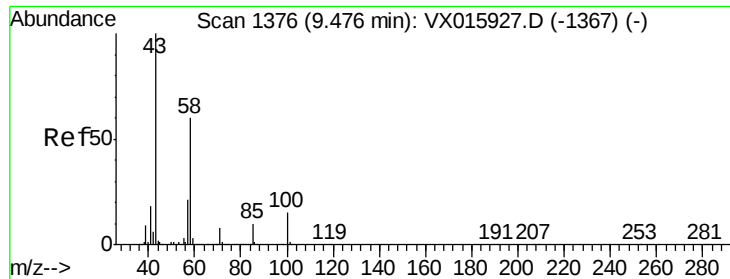
106 29.1 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

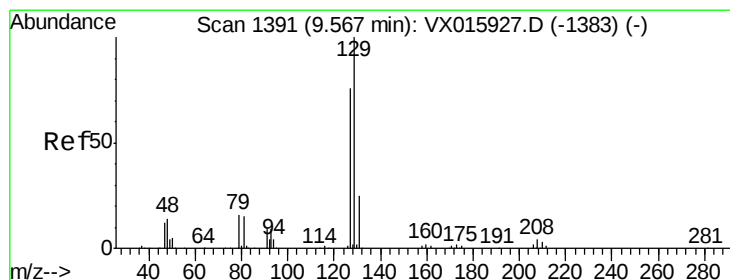
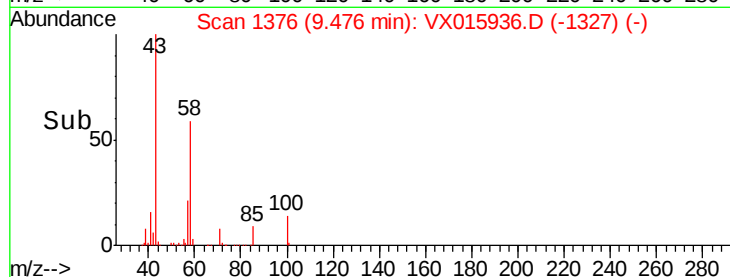
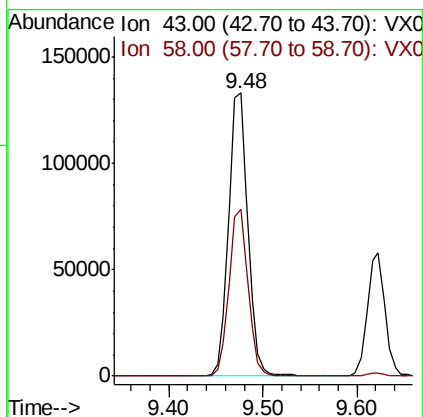
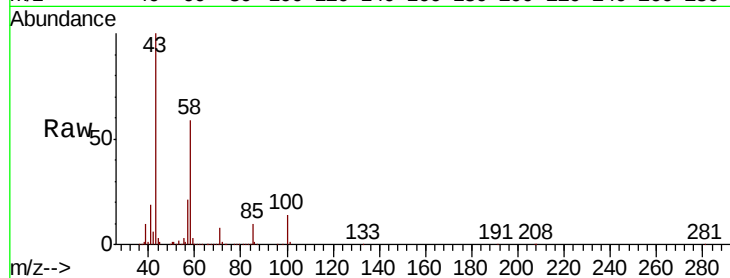




#59
2-Hexanone
Concen: 98.695 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

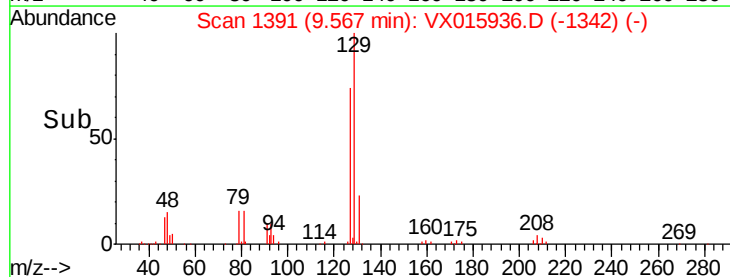
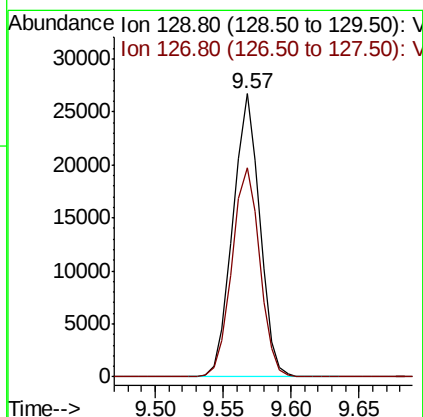
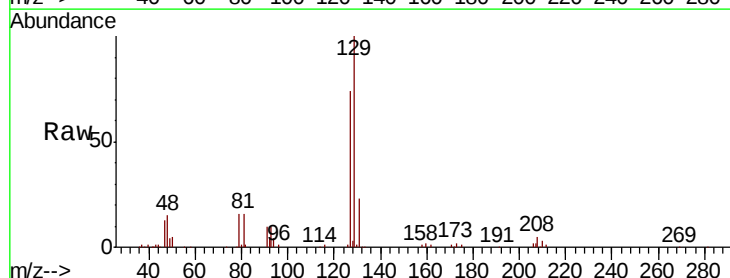
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

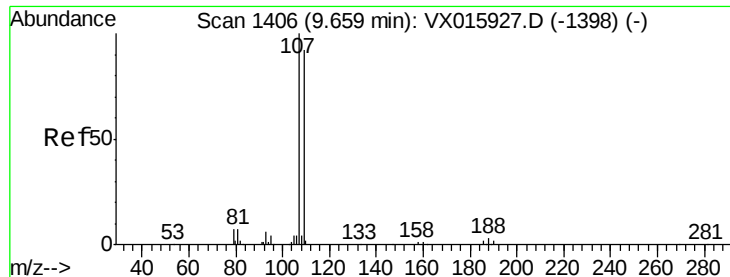
Tot Ion: 43 Resp: 189594
Ion Ratio Lower Upper
43 100
58 58.5 29.7 89.1



#60
Dibromochloromethane
Concen: 19.152 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion: 129 Resp: 36928
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.294 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

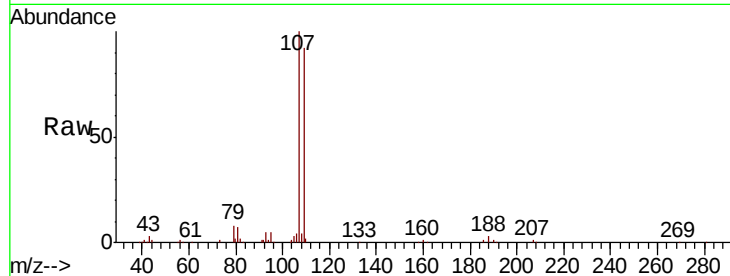
VX0424WBSD01

Tot Ion:107 Resp: 38748

Ion Ratio Lower Upper

107 100

109 93.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

30000

25000

20000

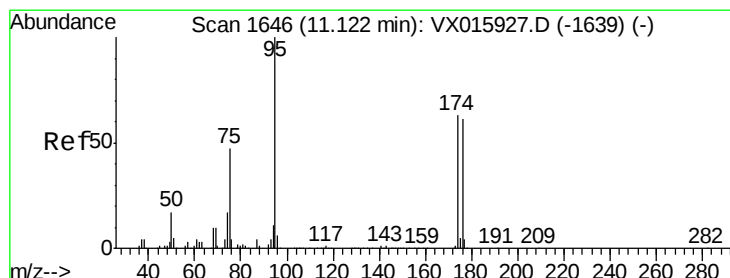
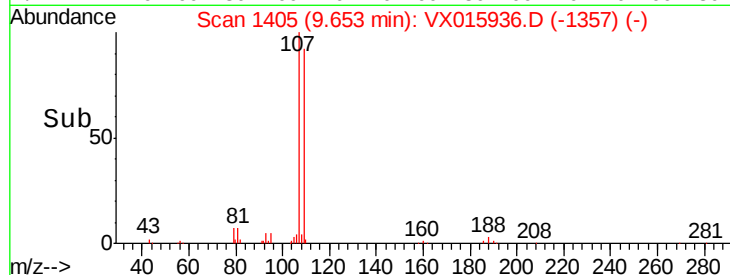
15000

10000

5000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.473 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

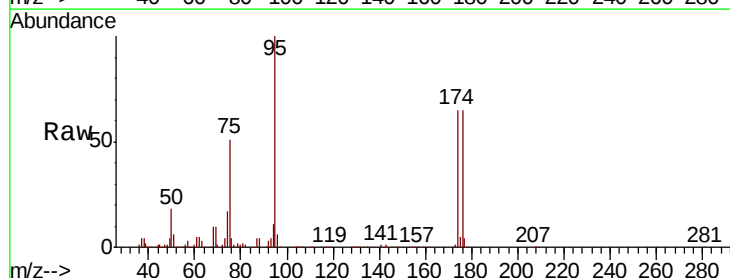
Tgt Ion: 95 Resp: 119420

Ion Ratio Lower Upper

95 100

174 64.5 0.0 133.6

176 63.1 0.0 126.0



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

120000

100000

80000

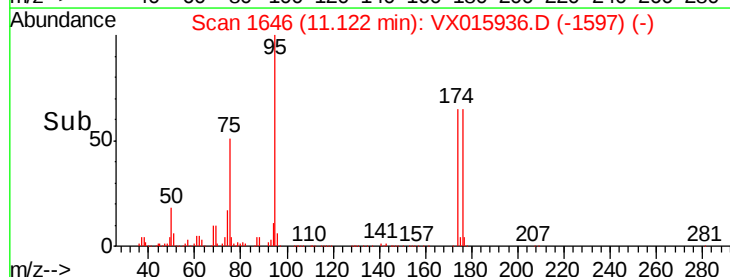
60000

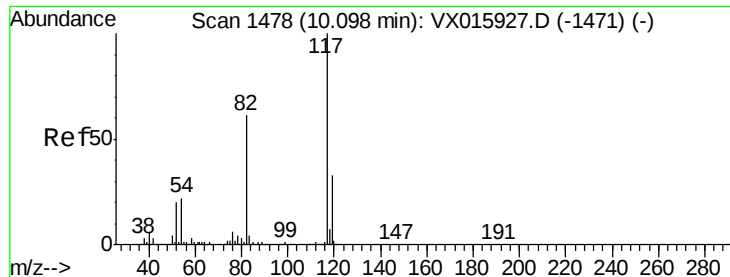
40000

20000

0

Time--> 11.10 11.12 11.20

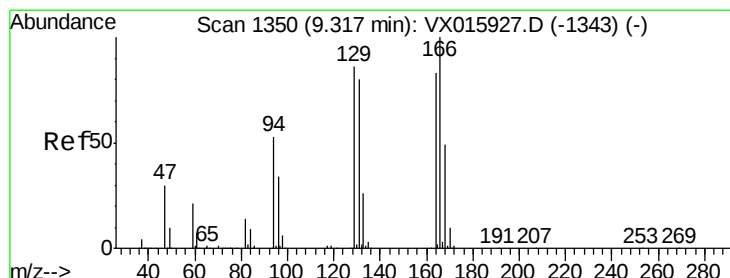
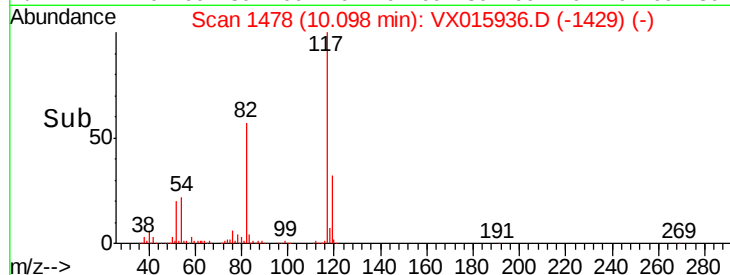
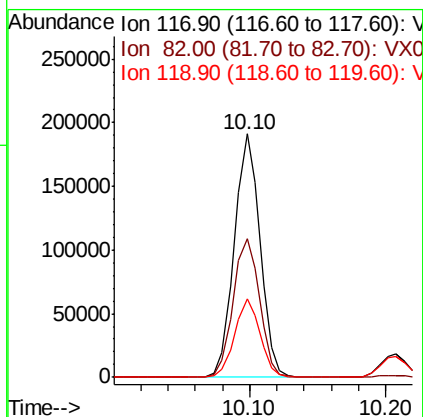
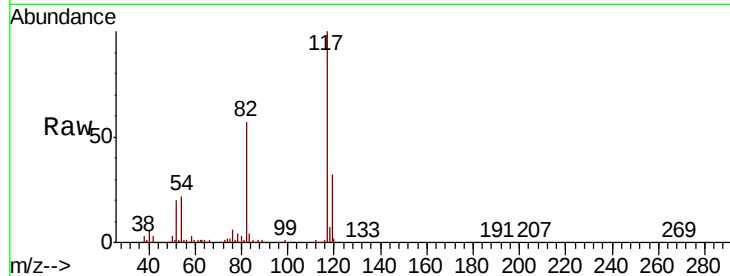




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

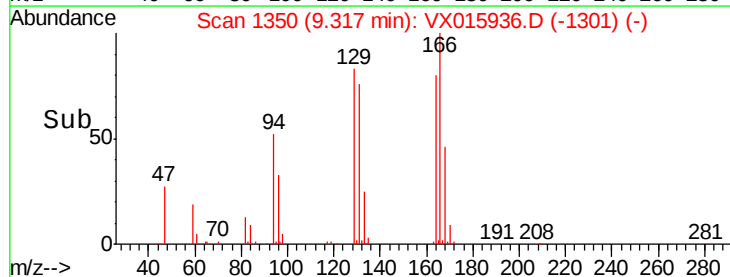
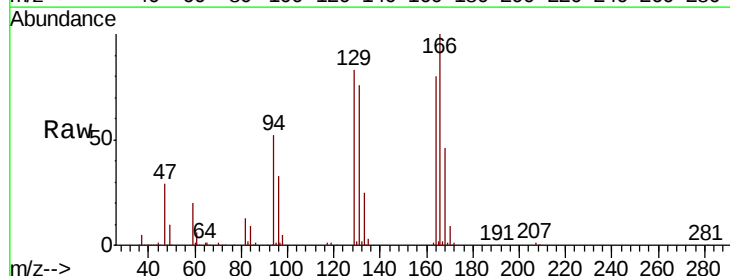
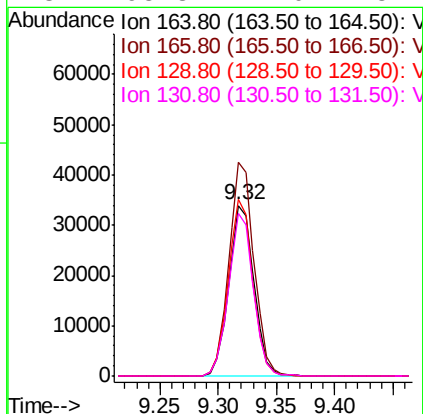
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

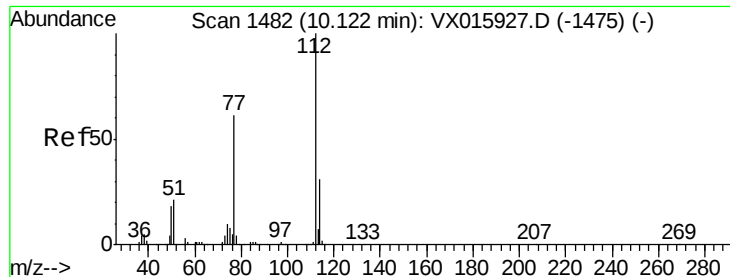
Tot Ion:117 Resp: 252012
Ion Ratio Lower Upper
117 100
82 57.1 48.5 72.7
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 20.290 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion:164 Resp: 50880
Ion Ratio Lower Upper
164 100
166 125.1 96.7 145.1
129 103.8 82.8 124.2
131 95.3 77.0 115.4





#65

Chlorobenzene

Concen: 19.524 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

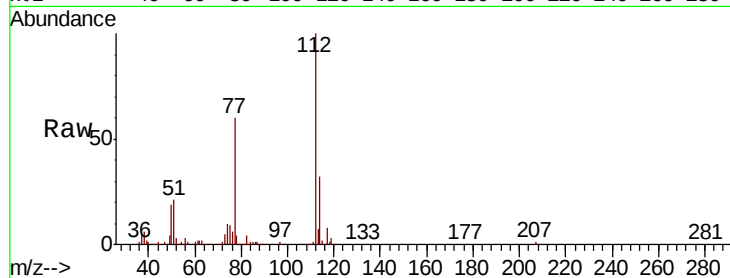
VX0424WBSD01

Tot Ion:112 Resp: 97684

Ion Ratio Lower Upper

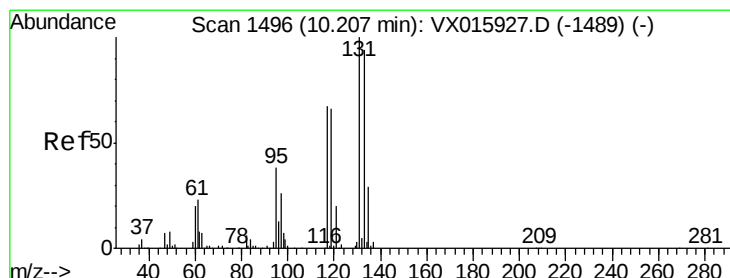
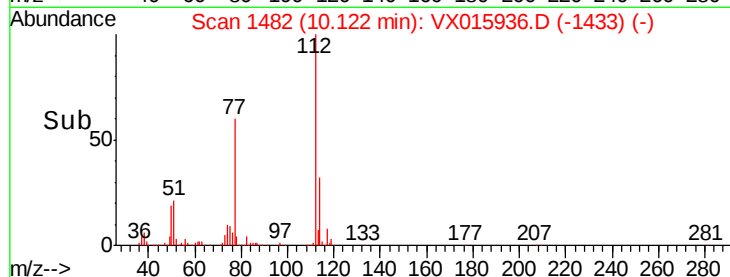
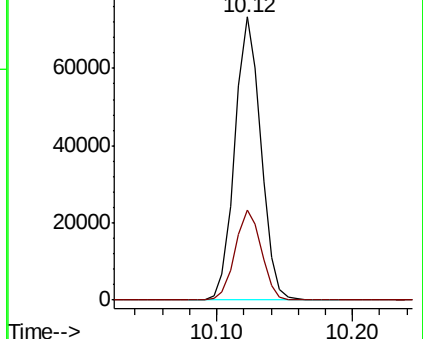
112 100

114 31.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.294 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

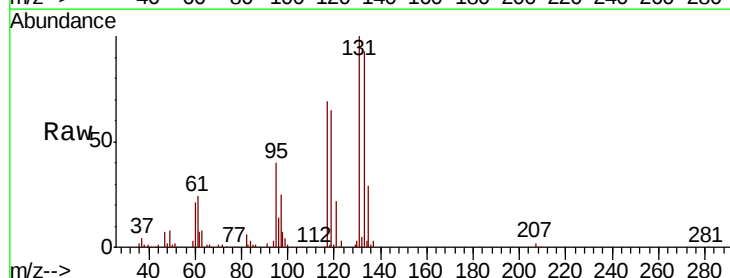
Tgt Ion:131 Resp: 34207

Ion Ratio Lower Upper

131 100

133 98.0 46.7 140.0

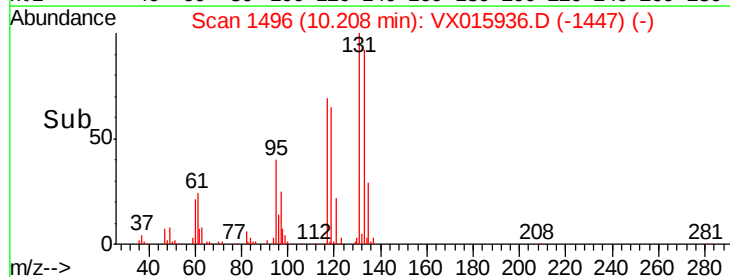
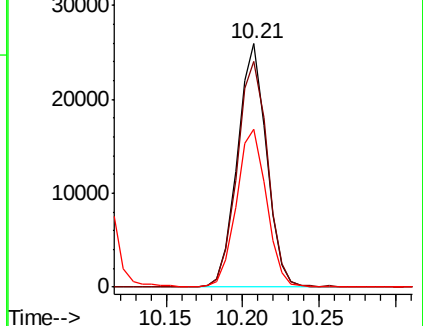
119 67.1 33.7 101.0

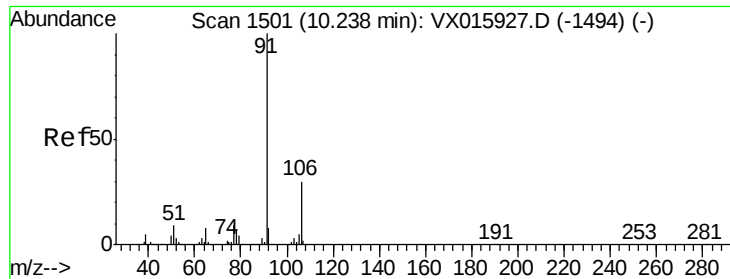


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

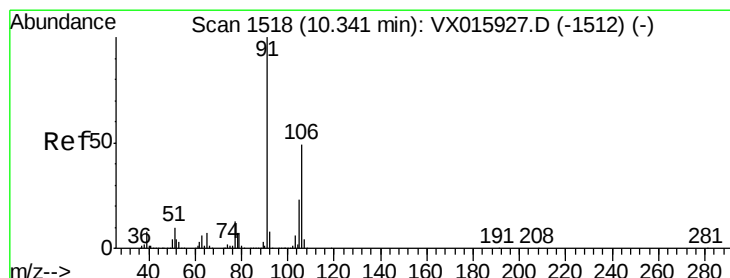
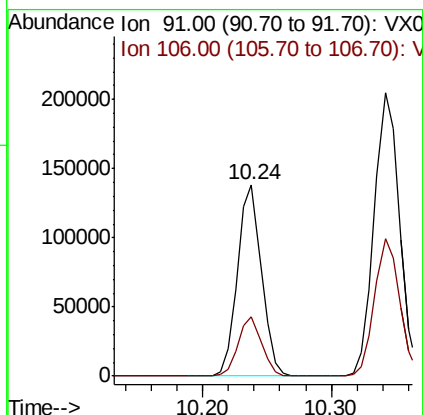
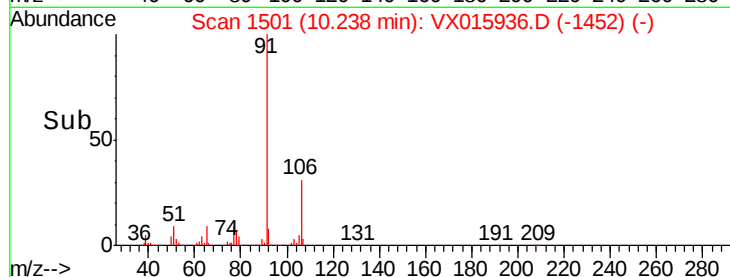
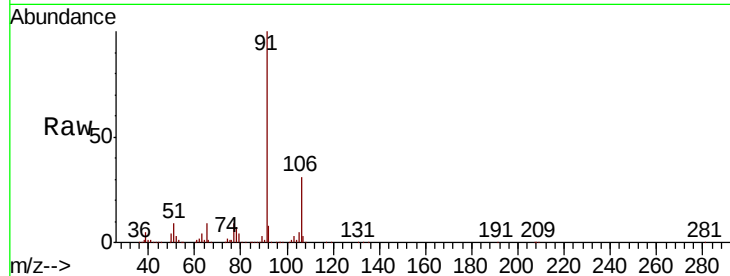




#67
Ethyl Benzene
Concen: 19.500 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

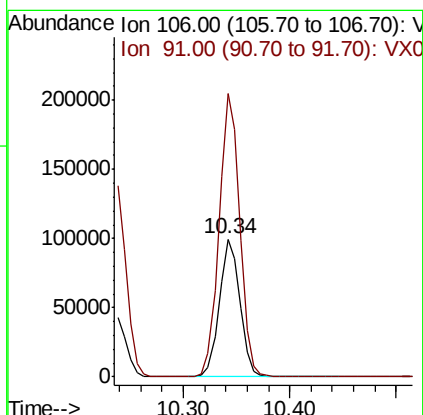
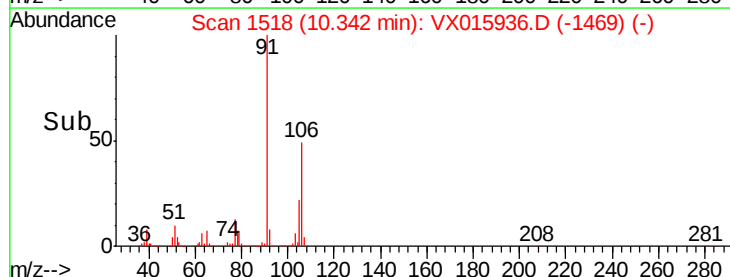
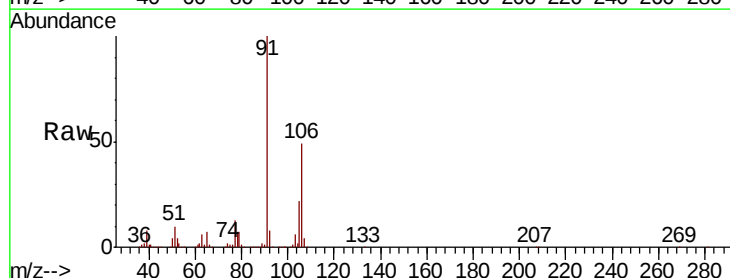
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

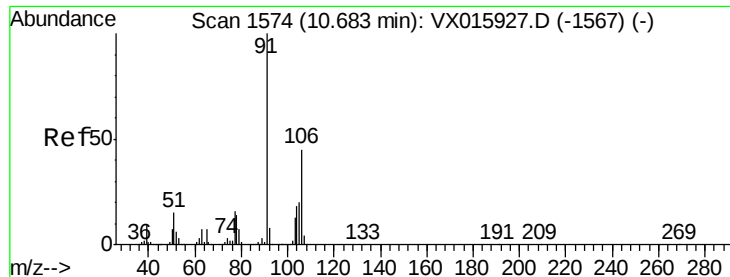
Tot Ion: 91 Resp: 179876
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 39.678 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion: 106 Resp: 134045
Ion Ratio Lower Upper
106 100
91 205.9 164.9 247.3

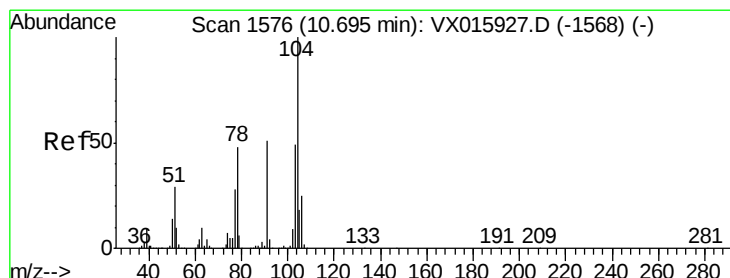
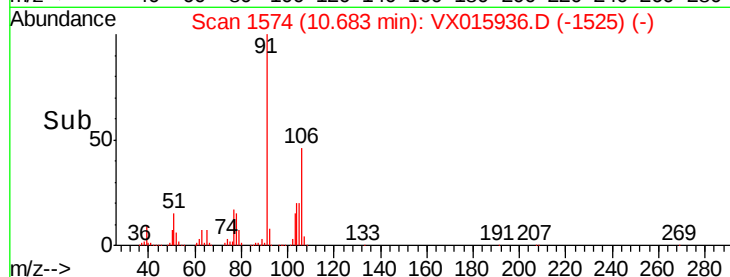
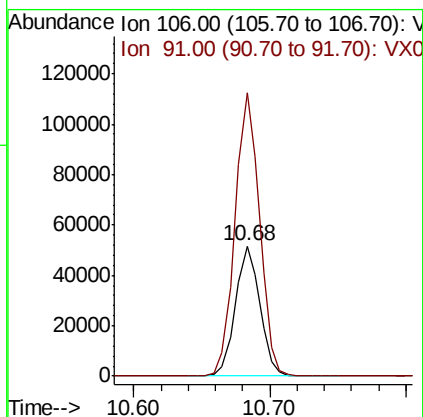
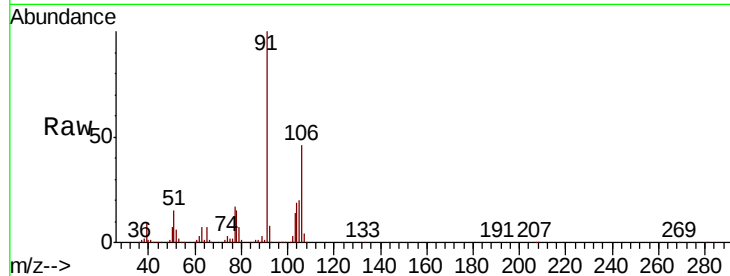




#69
o-Xylene
Concen: 19.590 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

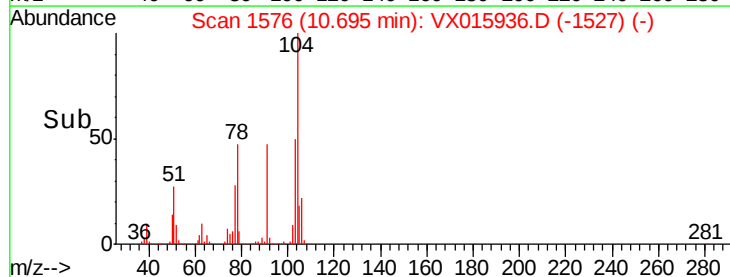
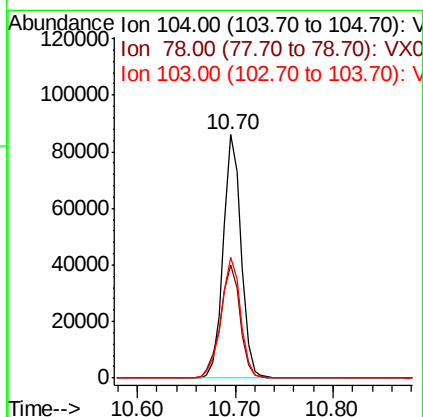
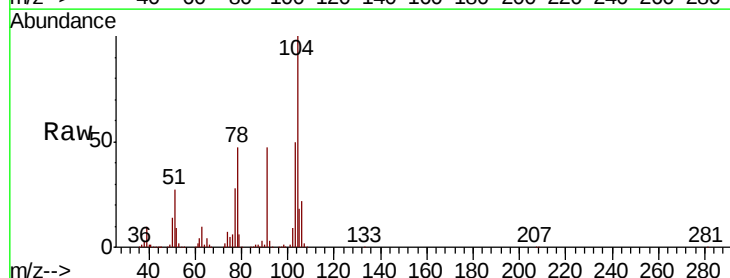
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBSD01

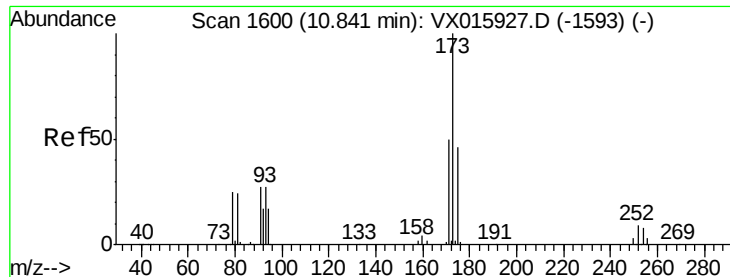
Tot Ion:106 Resp: 64583
Ion Ratio Lower Upper
106 100
91 218.9 108.6 325.8



#70
Styrene
Concen: 19.179 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015936.D
Acq: 24 Apr 2020 17:28

Tgt Ion:104 Resp: 109052
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 53.6 42.7 64.1





#71

Bromoform

Concen: 18.832 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

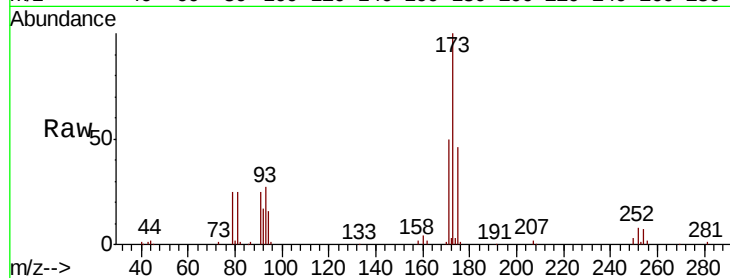
Tot Ion:173 Resp: 23316

Ion Ratio Lower Upper

173 100

175 47.0 23.2 69.5

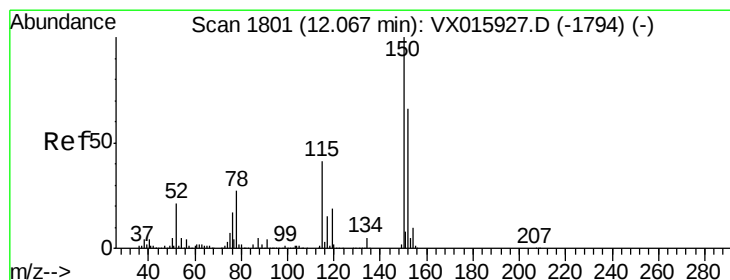
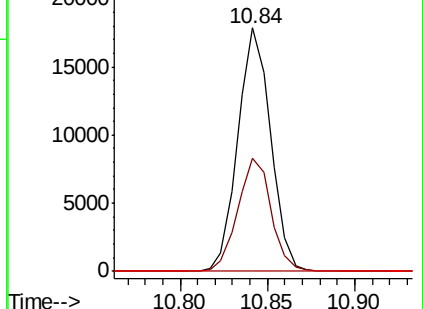
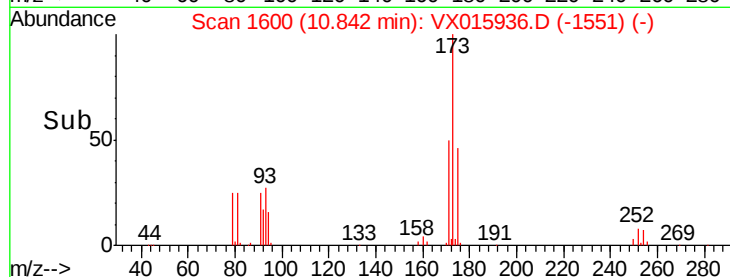
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

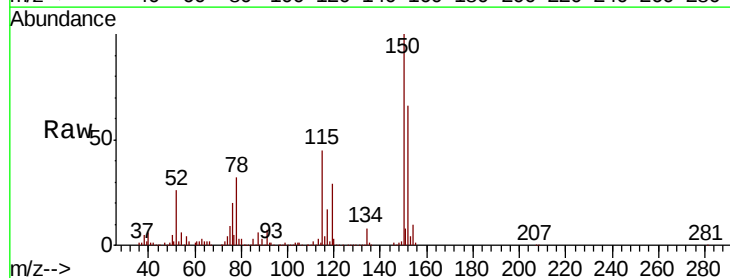
Tgt Ion:152 Resp: 118972

Ion Ratio Lower Upper

152 100

115 73.4 44.1 132.4

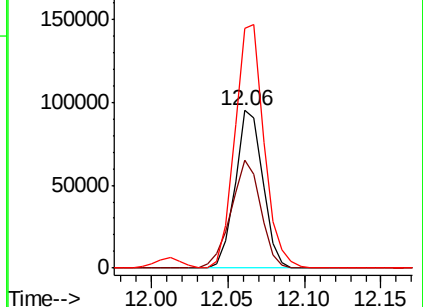
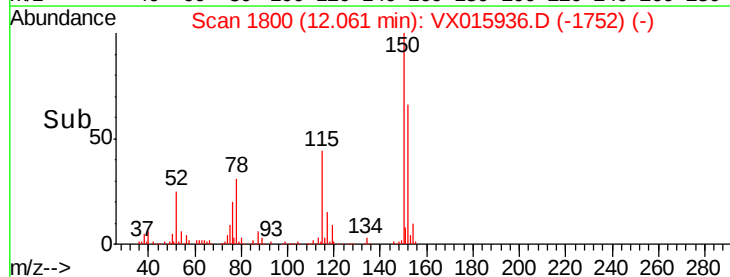
150 163.2 0.0 343.6

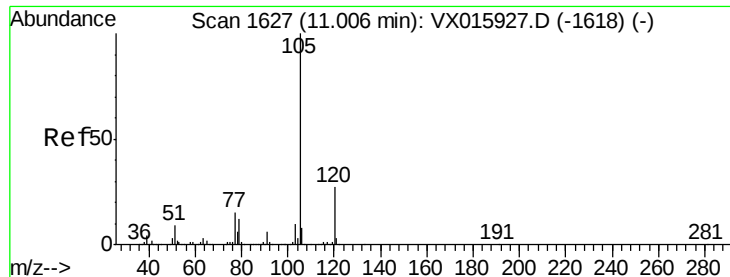


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.147 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

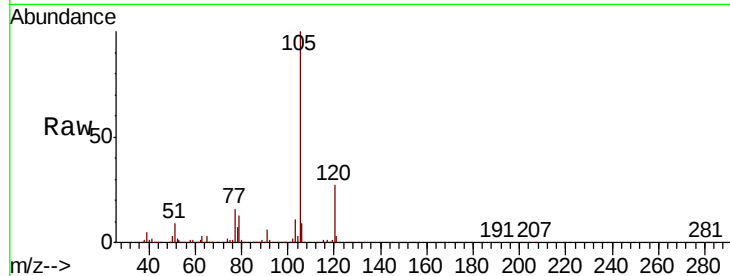
VX0424WBSD01

Tot Ion: 105 Resp: 169317

Ion Ratio Lower Upper

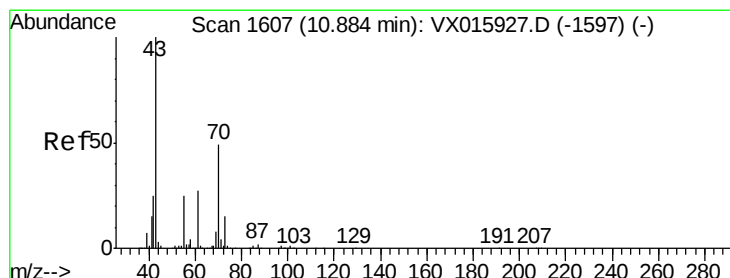
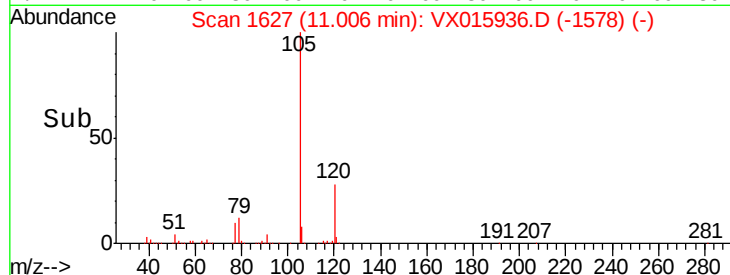
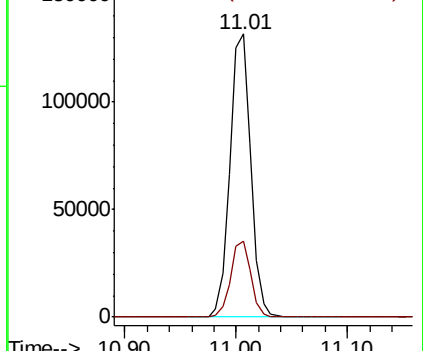
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.806 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Tgt Ion: 43 Resp: 76069

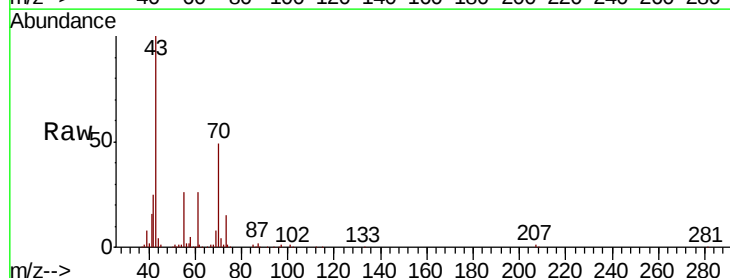
Ion Ratio Lower Upper

43 100

70 47.0 37.8 56.6

55 25.6 20.2 30.2

61 26.2 21.6 32.4

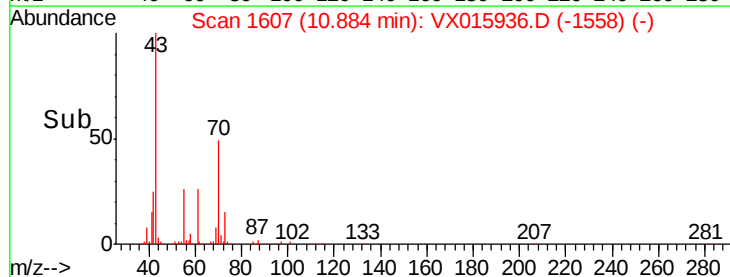
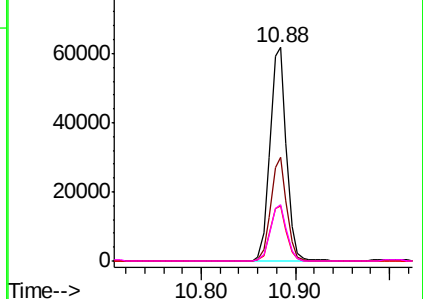


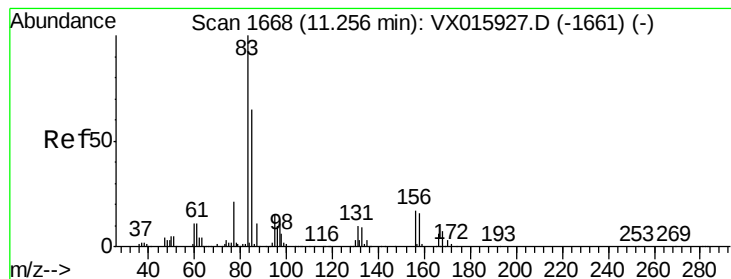
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.588 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

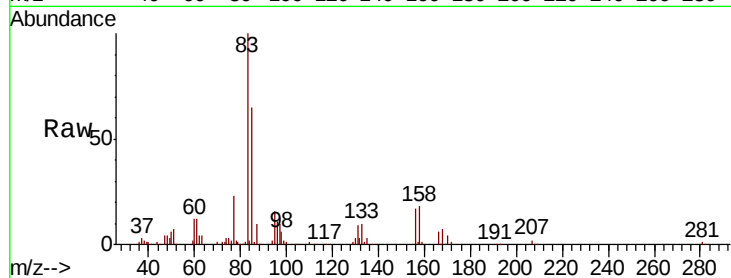
Tot Ion: 83 Resp: 39145

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

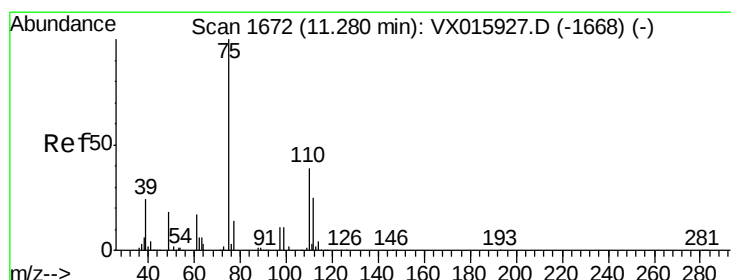
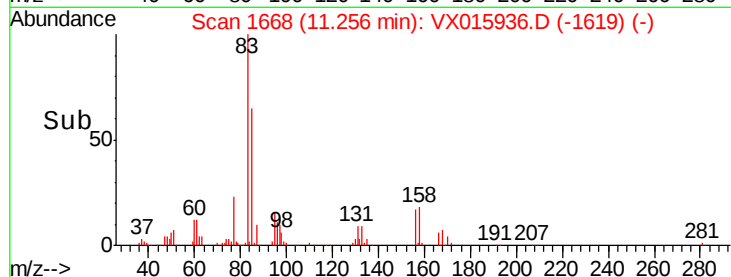
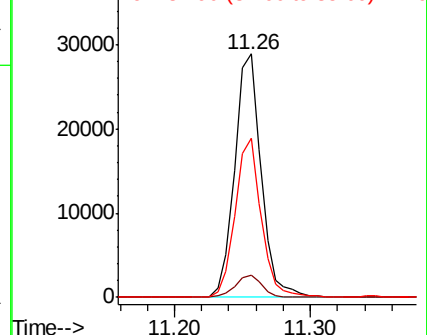
85 64.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.918 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015936.D

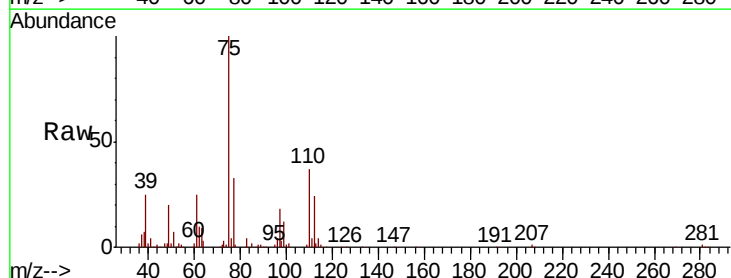
Acq: 24 Apr 2020 17:28

Tgt Ion: 75 Resp: 68696

Ion Ratio Lower Upper

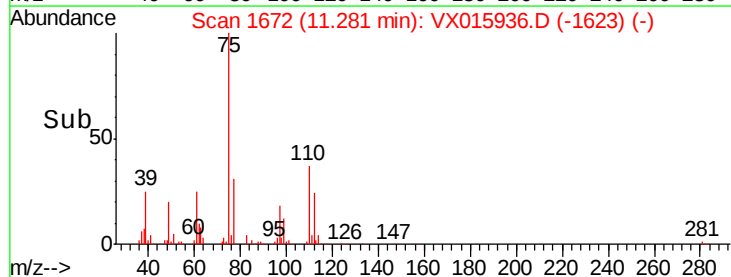
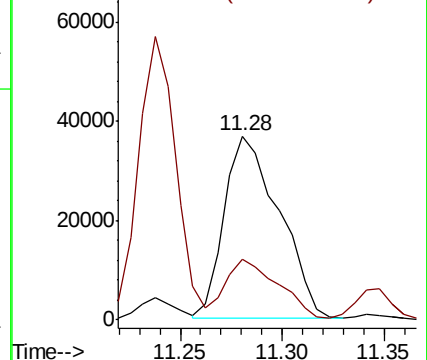
75 100

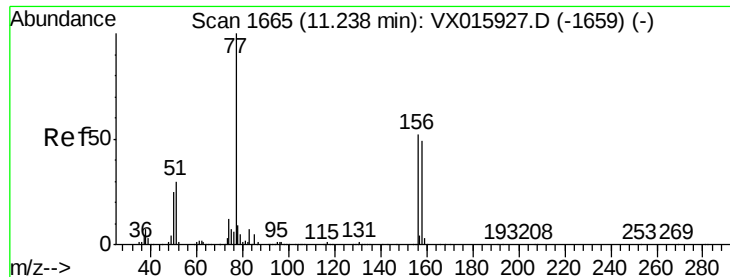
77 32.4 22.1 66.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.505 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

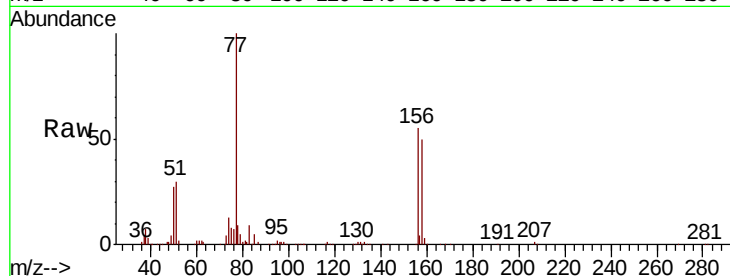
Tot Ion:156 Resp: 39178

Ion Ratio Lower Upper

156 100

77 185.3 94.0 281.9

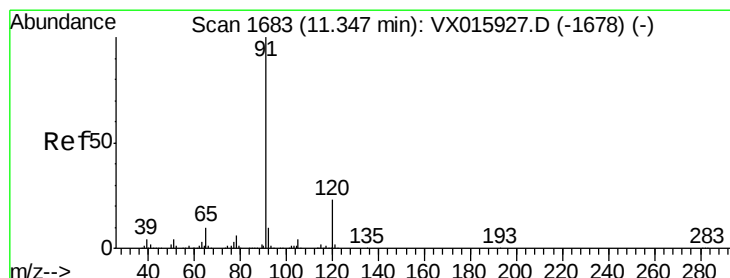
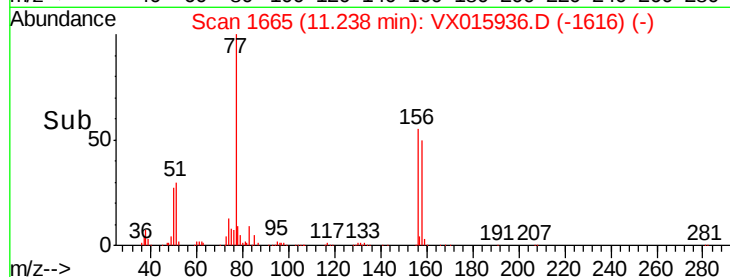
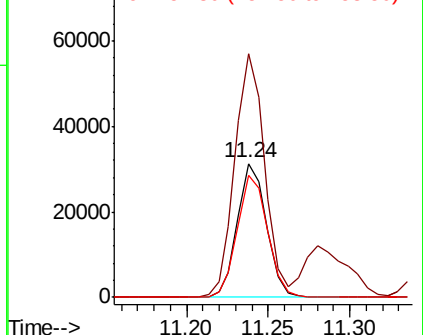
158 94.0 48.6 145.9



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



#78

n-propylbenzene

Concen: 19.283 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015936.D

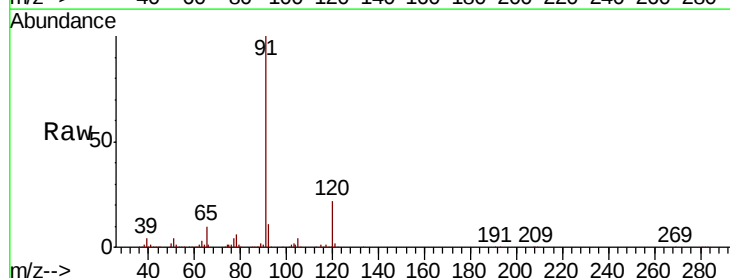
Acq: 24 Apr 2020 17:28

Tgt Ion: 91 Resp: 201328

Ion Ratio Lower Upper

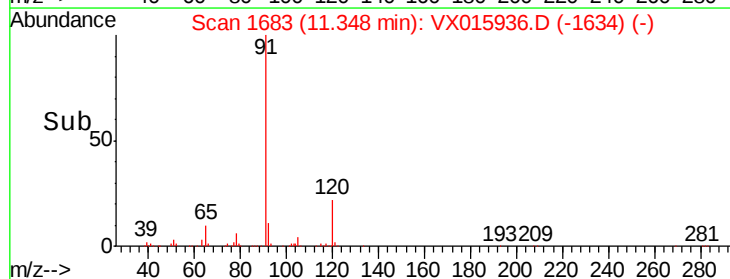
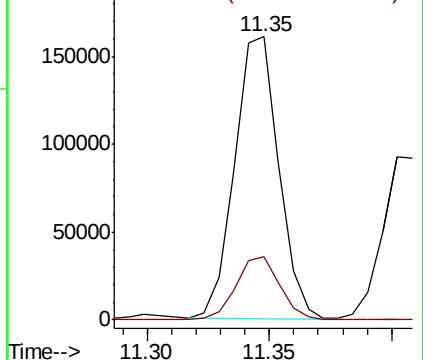
91 100

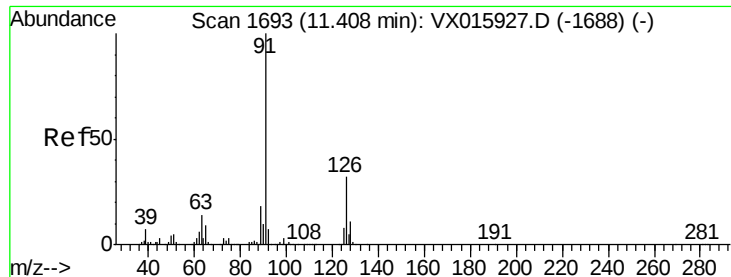
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

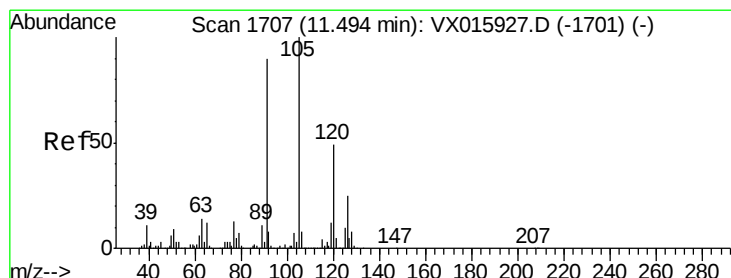
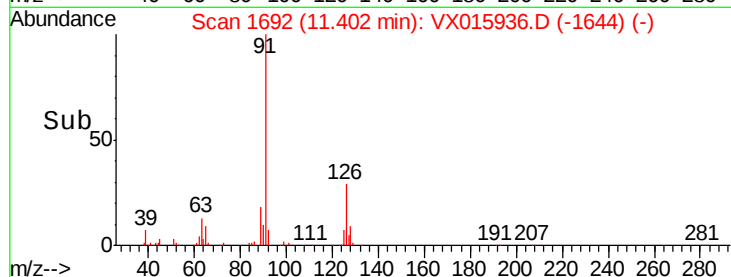
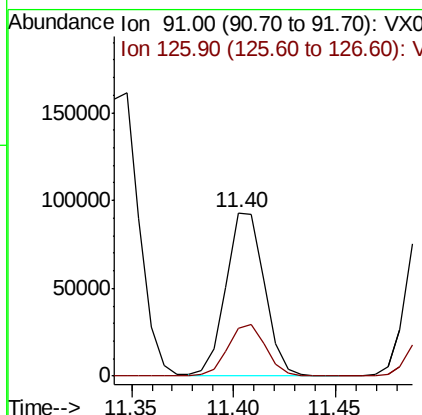
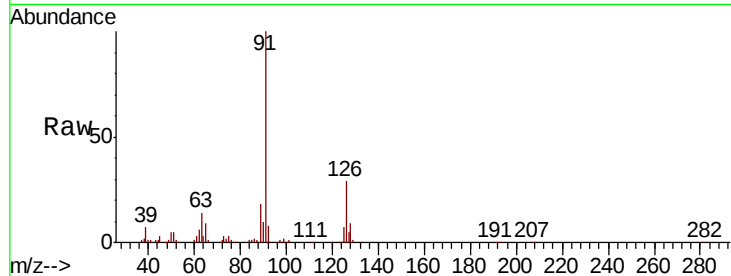




#79
 2-Chlorotoluene
 Concen: 19.574 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

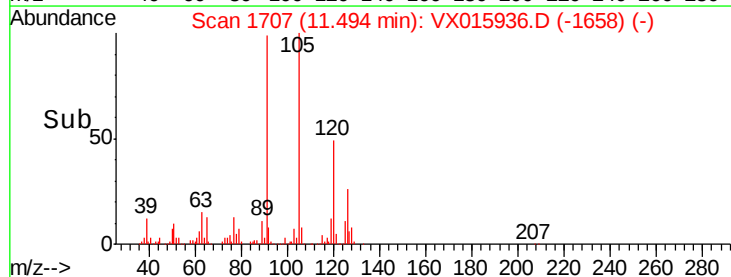
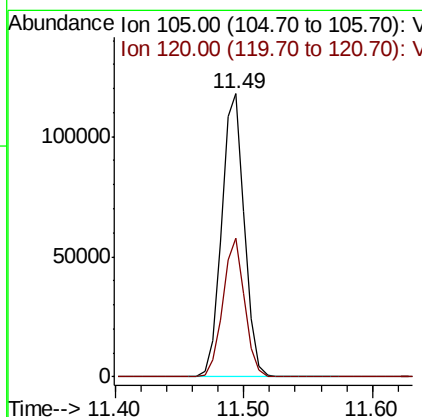
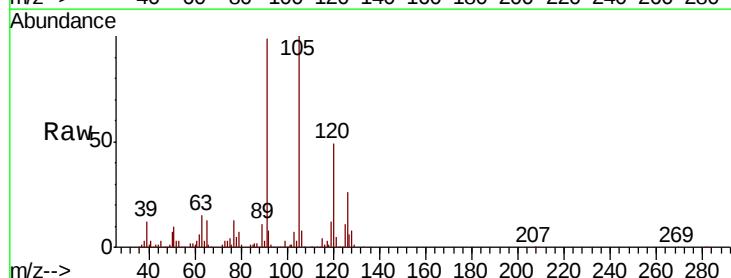
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

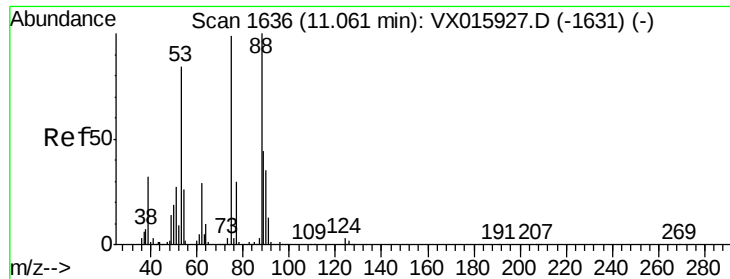
Tot Ion: 91 Resp: 120466
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.428 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion: 105 Resp: 146049
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.262 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

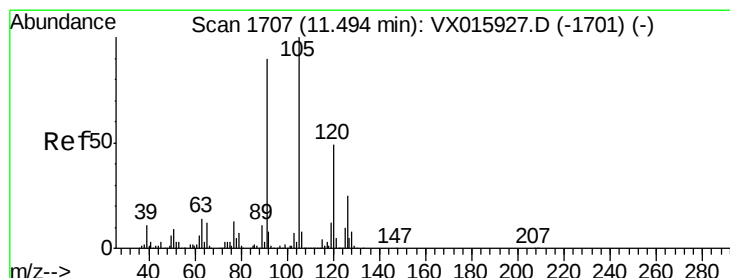
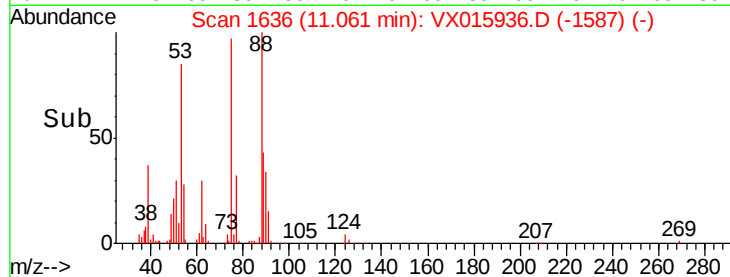
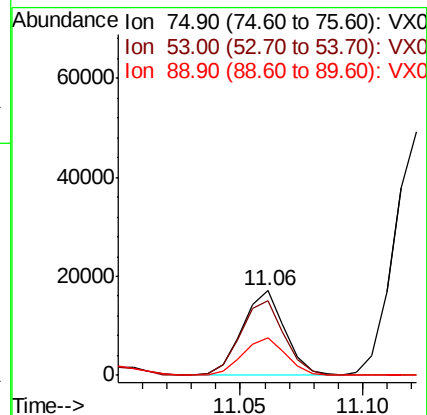
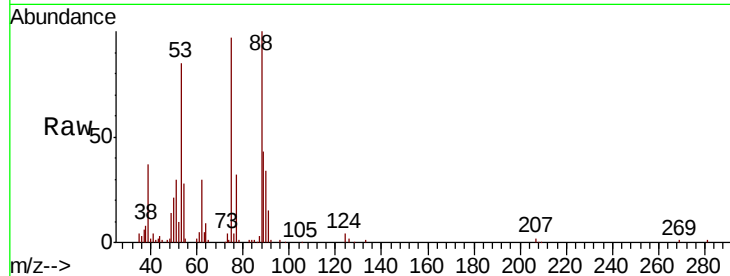
Tot Ion: 75 Resp: 20689

Ion Ratio Lower Upper

75 100

53 90.6 69.7 104.5

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.235 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015936.D

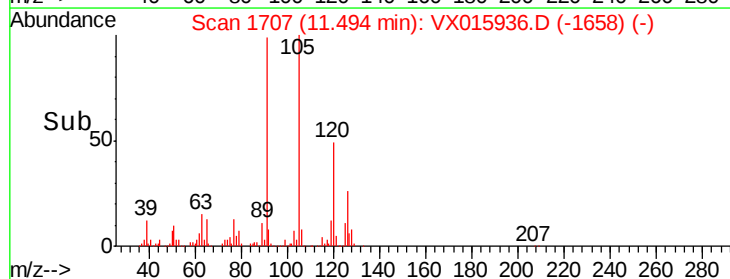
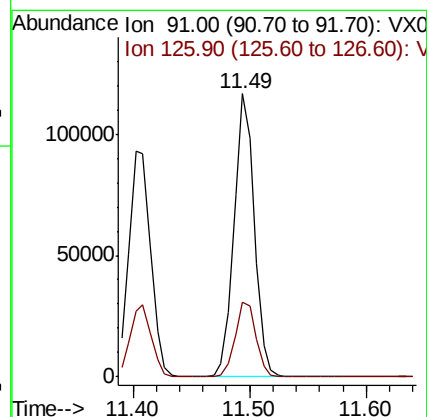
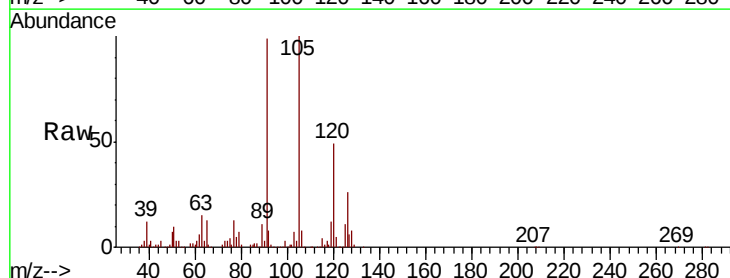
Acq: 24 Apr 2020 17:28

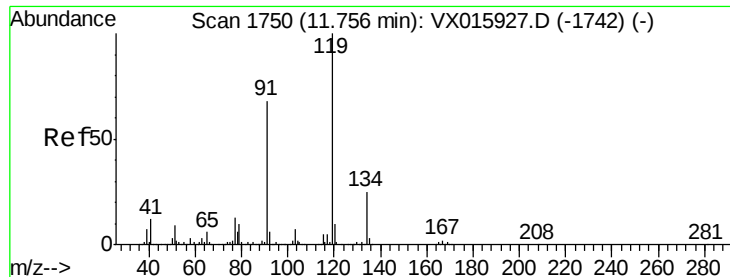
Tgt Ion: 91 Resp: 141298

Ion Ratio Lower Upper

91 100

126 27.5 14.2 42.8





#83

tert-Butylbenzene

Concen: 19.411 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

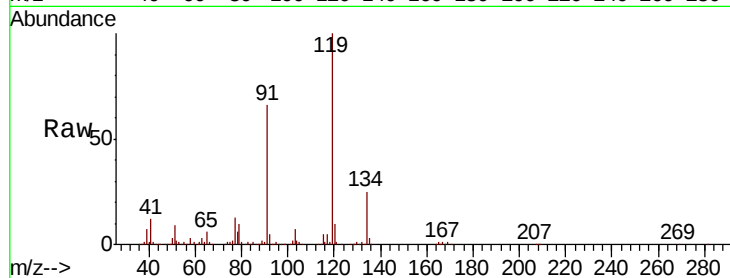
Tot Ion:119 Resp: 122696

Ion Ratio Lower Upper

119 100

91 67.3 34.3 102.8

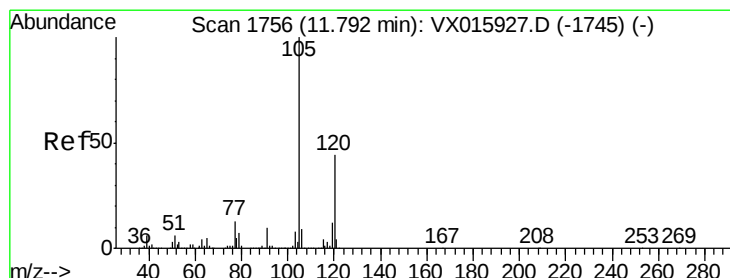
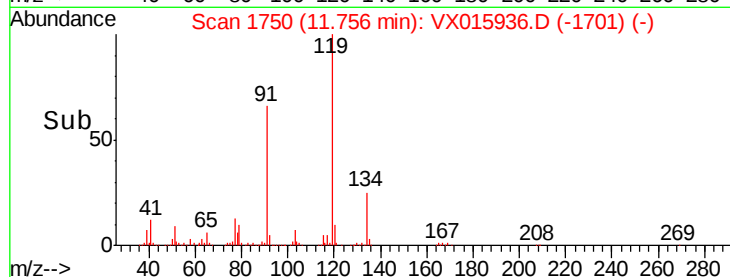
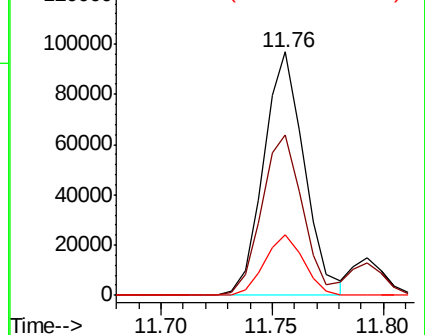
134 24.0 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.080 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015936.D

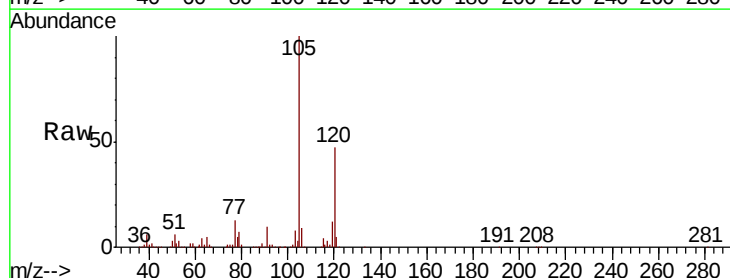
Acq: 24 Apr 2020 17:28

Tgt Ion:105 Resp: 147073

Ion Ratio Lower Upper

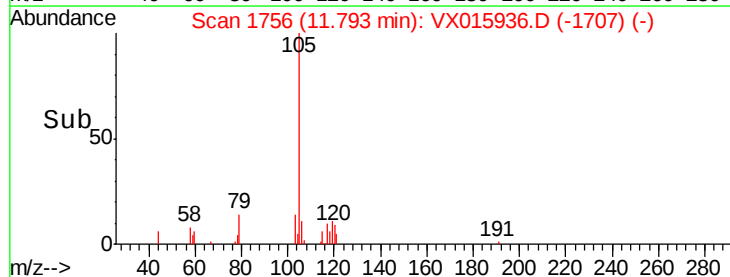
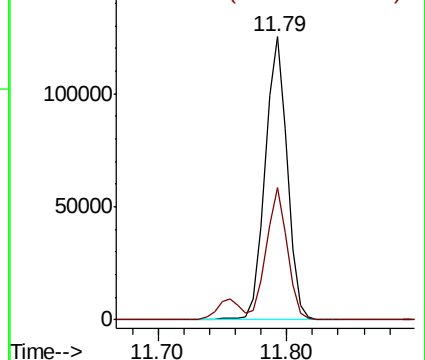
105 100

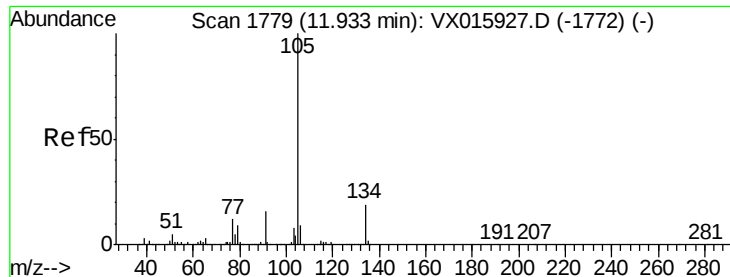
120 44.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.197 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

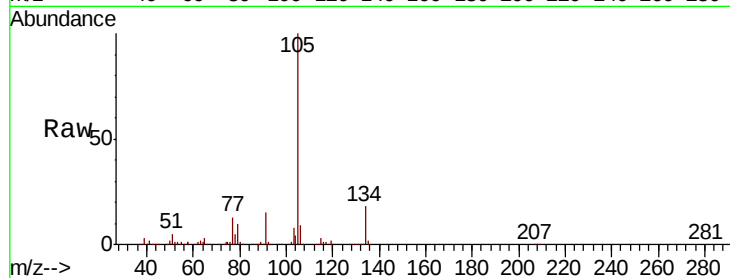
VX0424WBSD01

Tot Ion:105 Resp: 166138

Ion Ratio Lower Upper

105 100

134 18.7 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

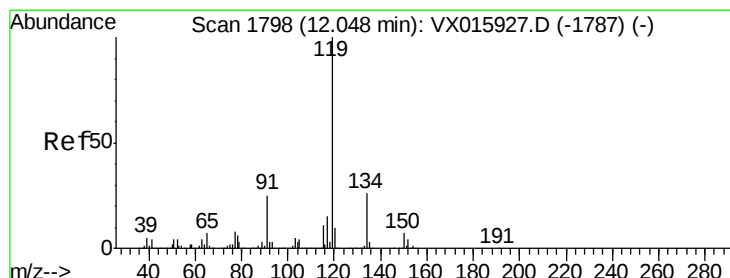
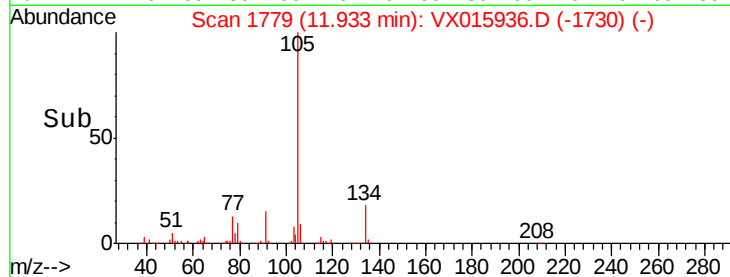
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.184 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

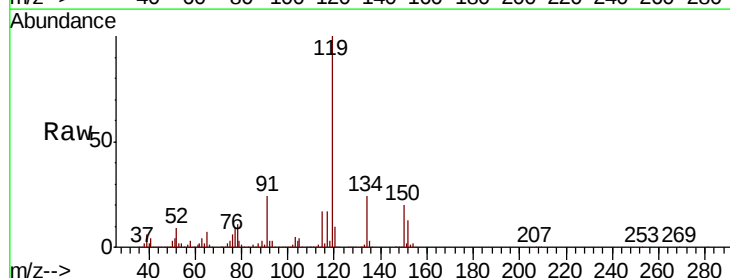
Tgt Ion:119 Resp: 151392

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 24.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

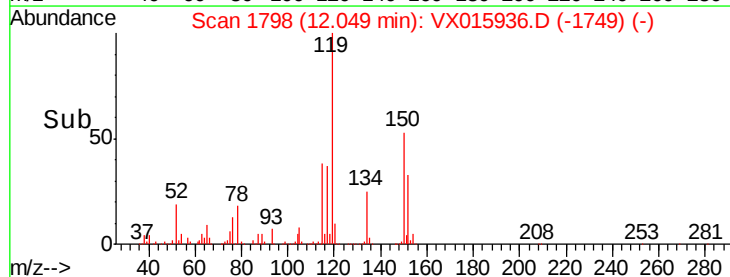
150000

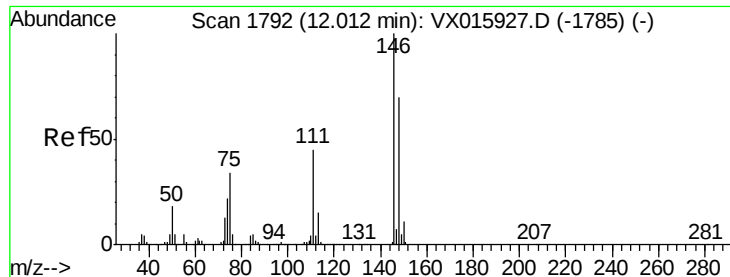
100000

50000

0

Time-->

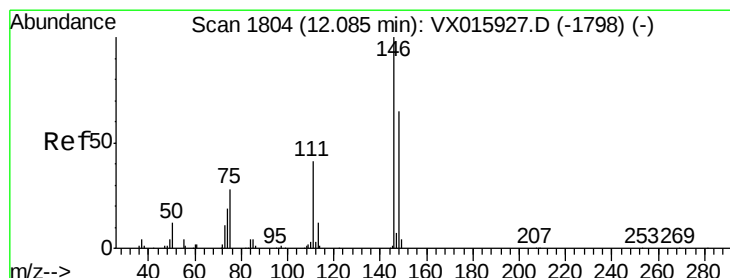
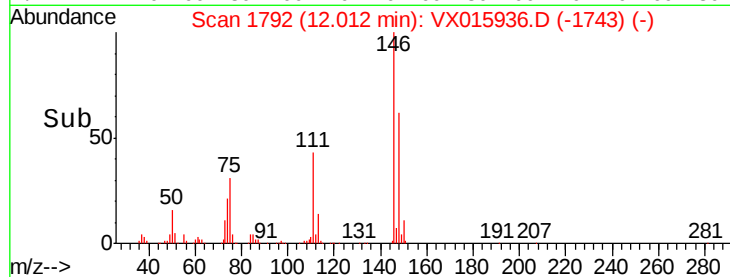
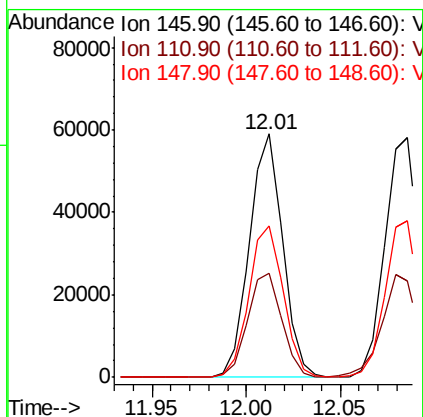
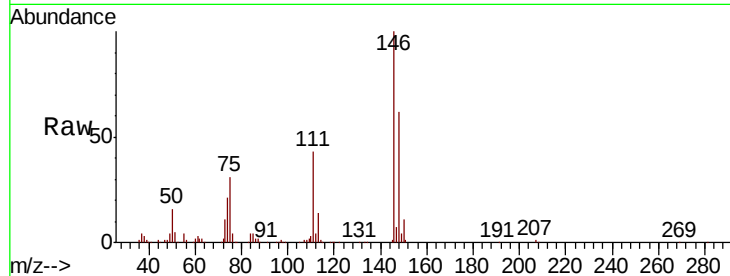




#87
 1,3-Dichlorobenzene
 Concen: 19.596 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

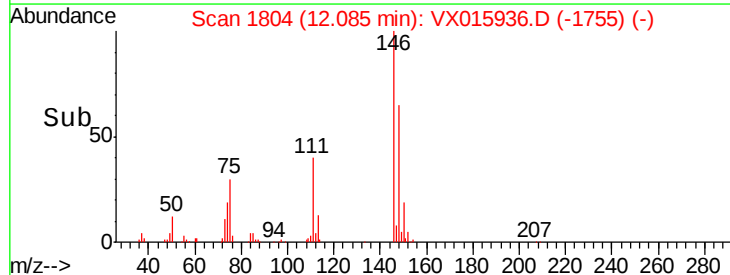
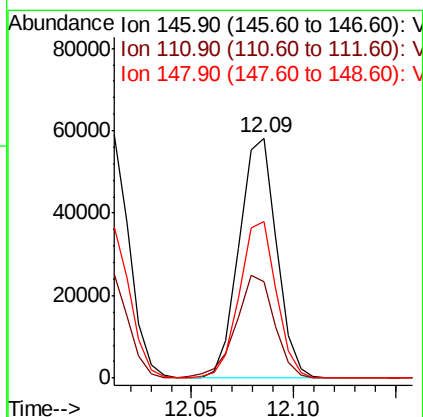
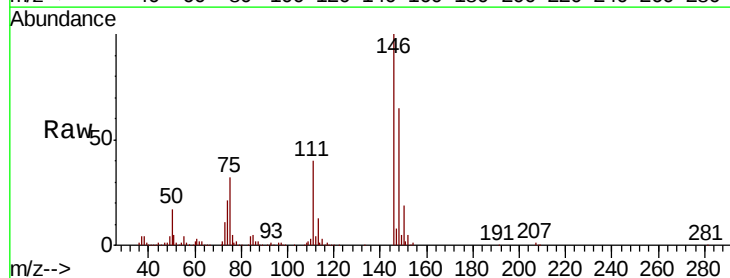
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

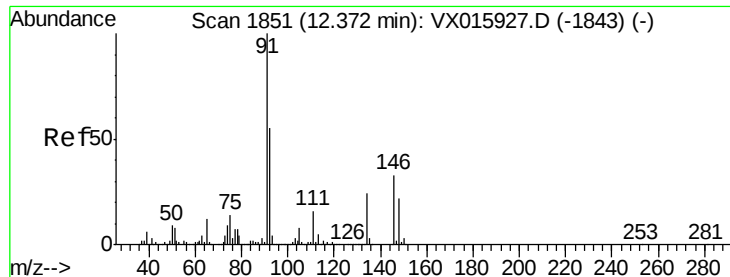
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.2	66.6
148	64.1	32.8	98.4



#88
 1,4-Dichlorobenzene
 Concen: 19.482 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015936.D
 Acq: 24 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.6	64.6
148	64.9	32.3	96.8





#89

n-Butylbenzene

Concen: 18.664 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

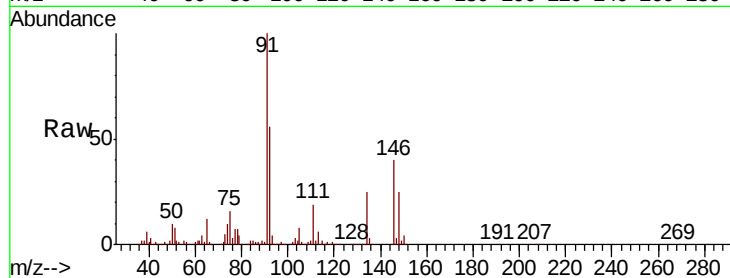
Tot Ion: 91 Resp: 138812

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.9

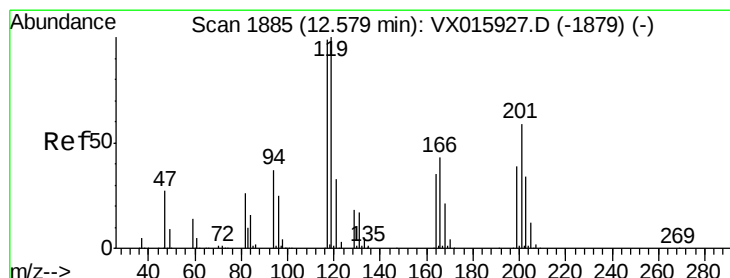
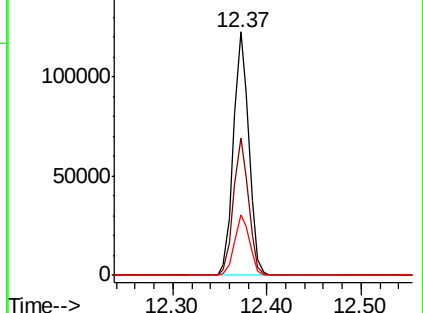
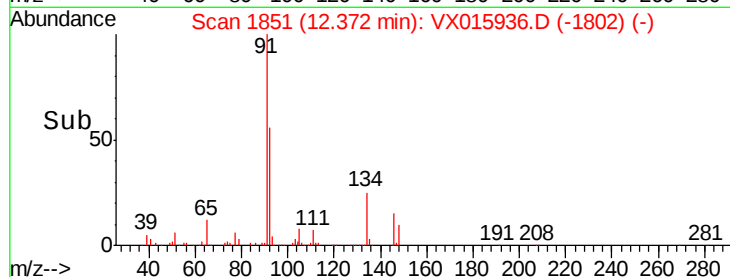
134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX015927.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX015927.D (-1843) (-)



#90

Hexachloroethane

Concen: 18.336 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015936.D

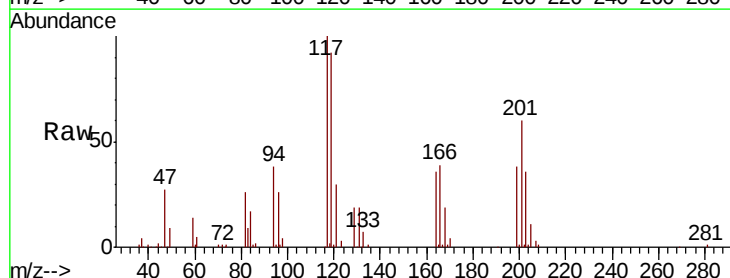
Acq: 24 Apr 2020 17:28

Tgt Ion: 117 Resp: 22579

Ion Ratio Lower Upper

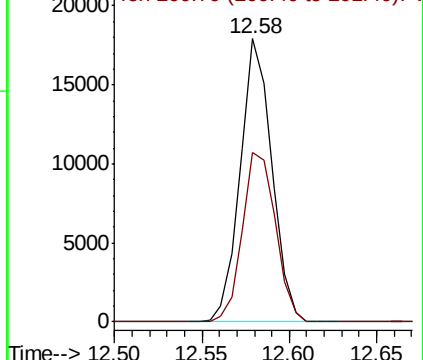
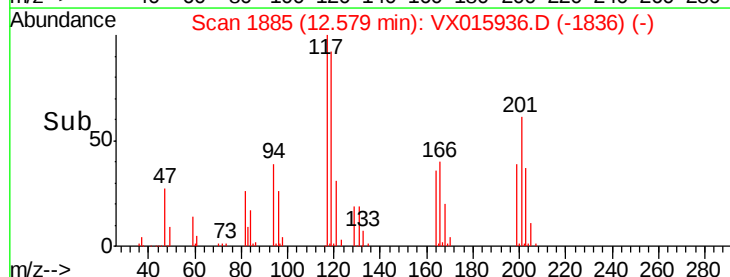
117 100

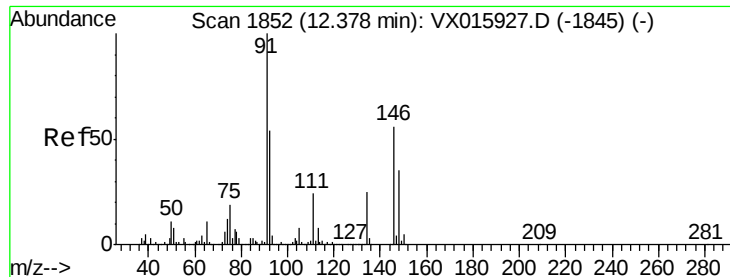
201 62.8 32.1 96.3



Abundance Ion 116.80 (116.50 to 117.50): VX015927.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX015927.D (-1879) (-)





#91

1,2-Dichlorobenzene

Concen: 19.604 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

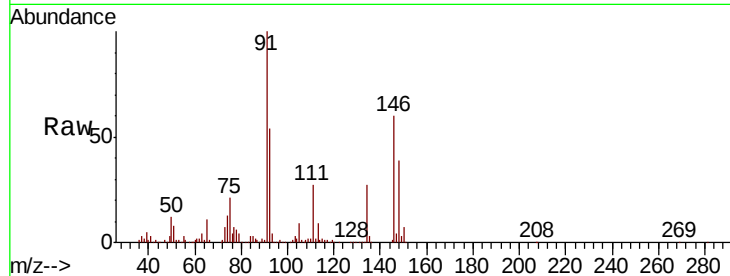
Tot Ion:146 Resp: 70203

Ion Ratio Lower Upper

146 100

111 45.6 22.3 66.8

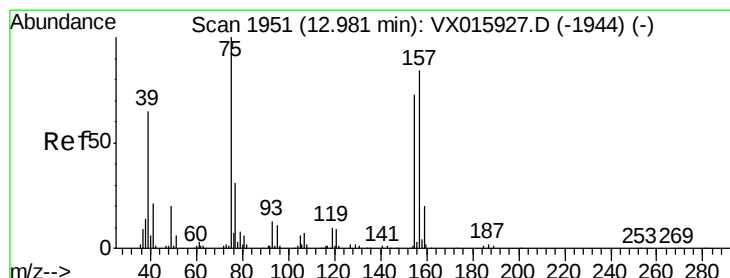
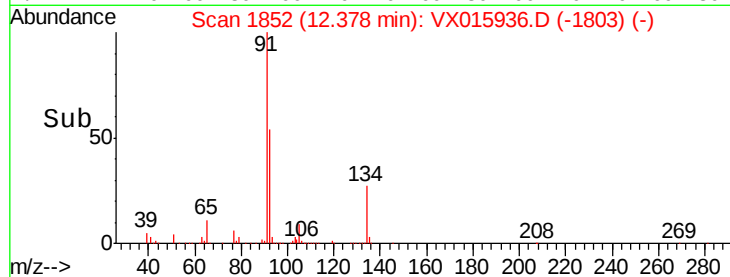
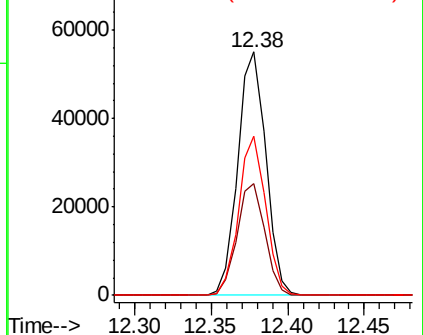
148 62.8 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.600 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

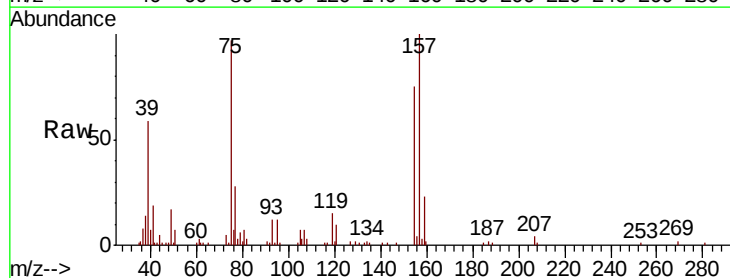
Tgt Ion: 75 Resp: 11834

Ion Ratio Lower Upper

75 100

155 73.9 37.9 113.6

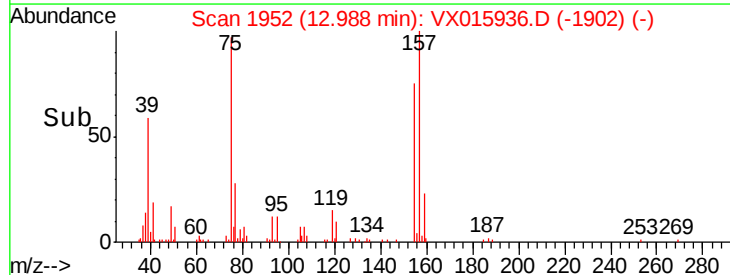
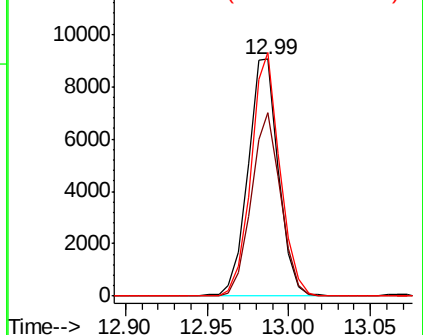
157 96.2 47.9 143.8

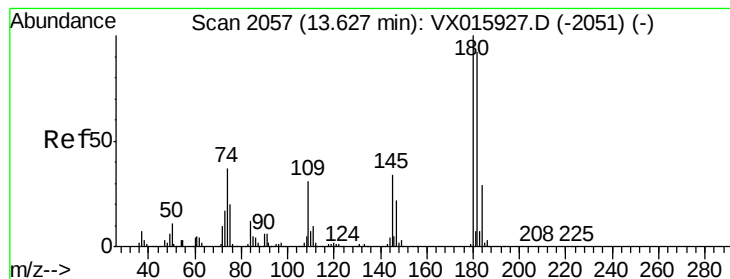


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.351 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

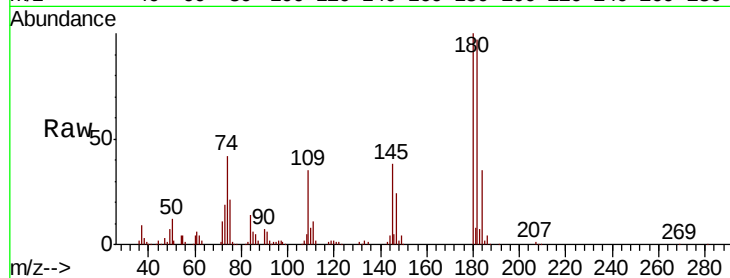
Tot Ion:180 Resp: 42396

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

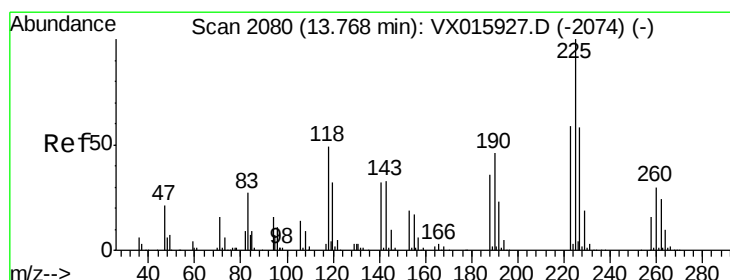
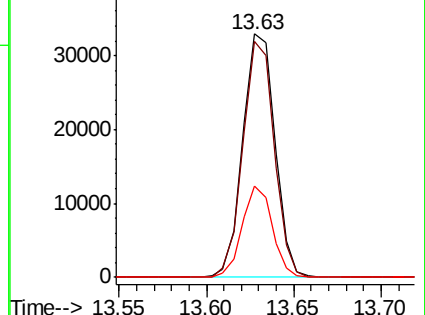
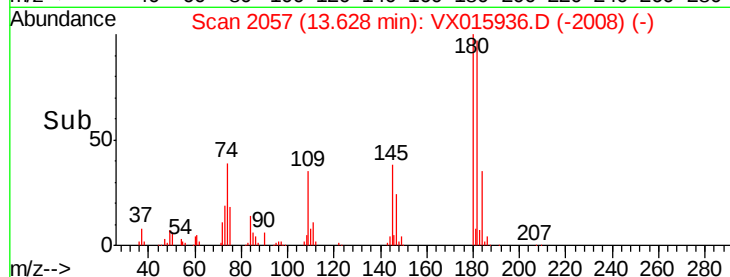
145 35.0 17.3 52.0



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: 19.212 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

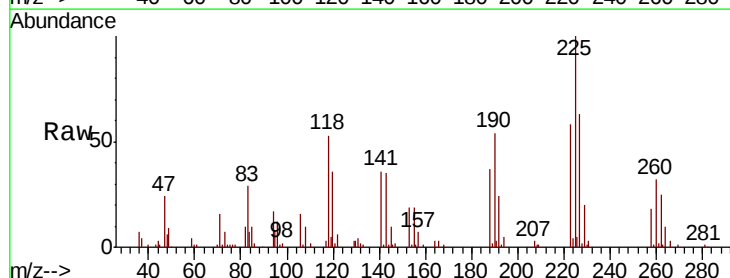
Tgt Ion:225 Resp: 15734

Ion Ratio Lower Upper

225 100

223 59.1 30.6 91.6

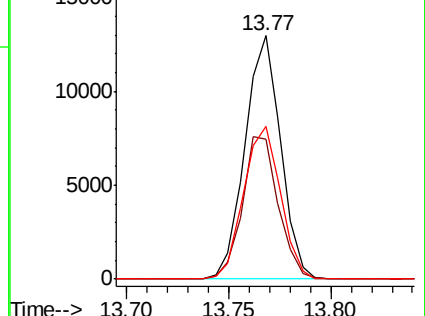
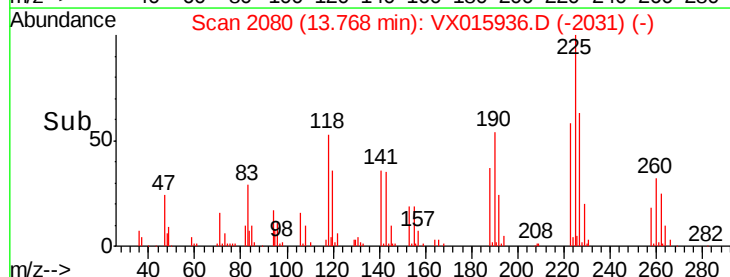
227 64.9 32.0 96.2

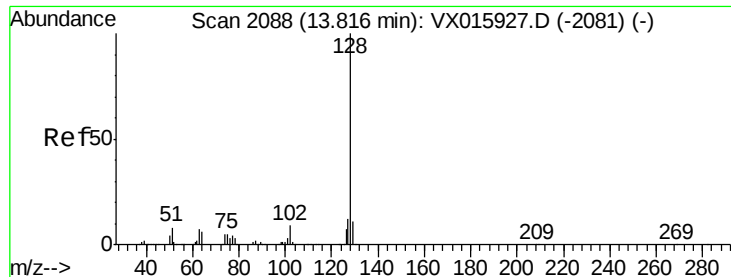


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.539 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBSD01

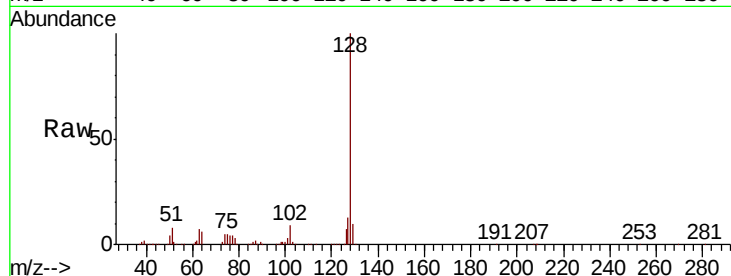
Tot Ion:128 Resp: 164175

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

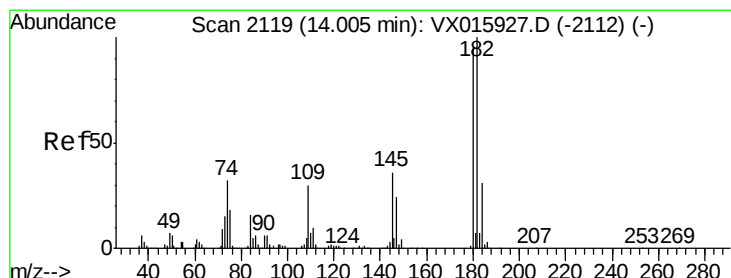
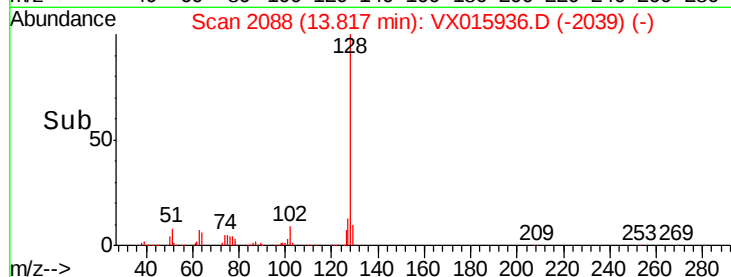
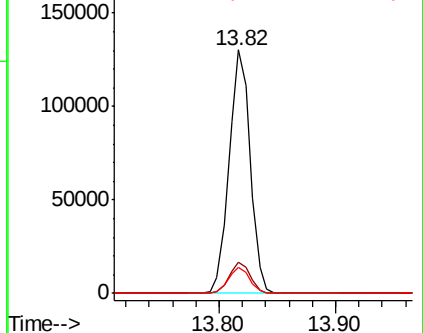
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.671 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015936.D

Acq: 24 Apr 2020 17:28

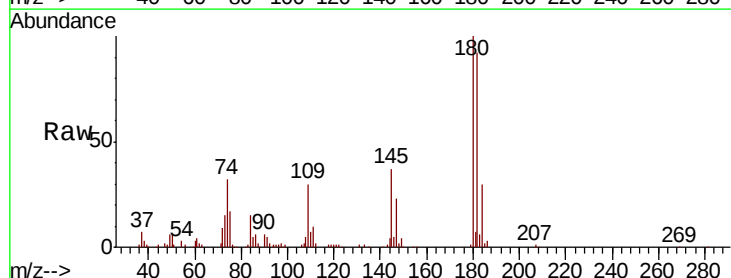
Tgt Ion:180 Resp: 42998

Ion Ratio Lower Upper

180 100

182 91.2 50.1 150.3

145 36.5 18.9 56.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

