

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015935.D
 Acq On : 24 Apr 2020 17:05
 Operator : JC/SP
 Sample : VX0424WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Quant Time: Apr 25 06:50:59 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	5.63	168	146691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	273041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	251628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	103091	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	5.46	113	75742	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
50) Toluene-d8	8.70	98	314897	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	123080	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	31066	19.262	ug/l	99
3) Chloromethane	1.31	50	29715	17.877	ug/l	100
4) Vinyl Chloride	1.39	62	39552	18.594	ug/l	98
5) Bromomethane	1.63	94	19956	26.020	ug/l	99
6) Chloroethane	1.71	64	23948	18.703	ug/l	98
7) Trichlorofluoromethane	1.92	101	47071	18.891	ug/l	100
8) Diethyl Ether	2.17	74	21270	17.937	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30008	18.931	ug/l	99
10) Methyl Iodide	2.49	142	30899	20.117	ug/l	99
11) Tert butyl alcohol	3.01	59	37529	84.333	ug/l	100
12) 1,1-Dichloroethene	2.36	96	30857	18.579	ug/l	99
13) Acrolein	2.27	56	24121	87.338	ug/l	97
14) Allyl chloride	2.71	41	53941	18.377	ug/l	99
15) Acrylonitrile	3.12	53	87708	90.175	ug/l	99
16) Acetone	2.42	43	67795	87.261	ug/l	100
17) Carbon Disulfide	2.55	76	86570	18.726	ug/l	100
18) Methyl Acetate	2.75	43	41138	17.508	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	108926	18.312	ug/l	100
20) Methylene Chloride	2.84	84	35654	18.552	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	33652	18.135	ug/l	97
22) Diisopropyl ether	3.82	45	107050	18.467	ug/l	92
23) Vinyl Acetate	3.78	43	438651	92.621	ug/l	99
24) 1,1-Dichloroethane	3.67	63	61158	18.443	ug/l	99
25) 2-Butanone	4.63	43	111356	88.027	ug/l	100
26) 2,2-Dichloropropane	4.56	77	54565	18.648	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	38642	18.357	ug/l	99
28) Bromochloromethane	4.98	49	27604	18.831	ug/l	100
29) Tetrahydrofuran	5.09	42	73851	88.622	ug/l	99
30) Chloroform	5.18	83	60497	18.455	ug/l	98
31) Cyclohexane	5.55	56	56318	18.131	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	53384	18.102	ug/l	100
36) 1,1-Dichloropropene	5.77	75	47186	18.108	ug/l	99
37) Ethyl Acetate	4.79	43	45463	17.393	ug/l	99
38) Carbon Tetrachloride	5.76	117	43813	18.399	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	58881	18.641	ug/l	97
40) Benzene	6.12	78	139865	18.340	ug/l	98
41) Methacrylonitrile	5.00	41	25549	17.244	ug/l	99
42) 1,2-Dichloroethane	6.16	62	50581	18.953	ug/l	98
43) Isopropyl Acetate	6.41	43	77186	17.974	ug/l	100
44) Trichloroethene	7.19	130	43069	18.347	ug/l	99
45) 1,2-Dichloropropane	7.49	63	35478	18.181	ug/l	100
46) Dibromomethane	7.64	93	23577	18.092	ug/l	99
47) Bromodichloromethane	7.88	83	48028	18.110	ug/l	99
48) Methyl methacrylate	7.74	41	37543	17.779	ug/l	98
49) 1,4-Dioxane	7.71	88	16066	342.084	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	227286	90.281	ug/l	99
52) Toluene	8.77	92	88309	18.254	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	57293	17.916	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	61425	18.362	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	34687	17.953	ug/l	98
56) Ethyl methacrylate	9.16	69	55635	17.874	ug/l	98
57) 1,3-Dichloropropane	9.35	76	60287	18.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	144950	94.242	ug/l	99
59) 2-Hexanone	9.48	43	168481	88.135	ug/l	100
60) Dibromochloromethane	9.57	129	33944	17.691	ug/l	99
61) 1,2-Dibromoethane	9.65	107	36258	18.143	ug/l	100
64) Tetrachloroethene	9.32	164	47539	18.986	ug/l	99
65) Chlorobenzene	10.12	112	92316	18.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	33079	18.686	ug/l	97
67) Ethyl Benzene	10.24	91	172148	18.690	ug/l	99
68) m/p-Xylenes	10.34	106	127006	37.652	ug/l	100
69) o-Xylene	10.68	106	60944	18.515	ug/l	99
70) Styrene	10.70	104	104227	18.359	ug/l	100
71) Bromoform	10.84	173	21297	17.432	ug/l #	99
73) Isopropylbenzene	11.01	105	165687	18.311	ug/l	100
74) N-amyl acetate	10.88	43	70286	17.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	35723	17.470	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	64114	24.552	ug/l	81
77) Bromobenzene	11.24	156	36343	17.683	ug/l	98
78) n-propylbenzene	11.35	91	191947	17.967	ug/l	99
79) 2-Chlorotoluene	11.41	91	115089	18.275	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	140006	18.201	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	19133	16.504	ug/l	96
82) 4-Chlorotoluene	11.49	91	134758	17.928	ug/l	100
83) tert-Butylbenzene	11.76	119	115896	17.919	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	141626	17.956	ug/l	99
85) sec-Butylbenzene	11.93	105	159585	18.021	ug/l	100
86) p-Isopropyltoluene	12.05	119	147173	18.225	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	68395	18.098	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	70212	18.043	ug/l	98
89) n-Butylbenzene	12.37	91	136917	17.991	ug/l	100
90) Hexachloroethane	12.58	117	22364	17.749	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	66981	18.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	10937	16.800	ug/l	99

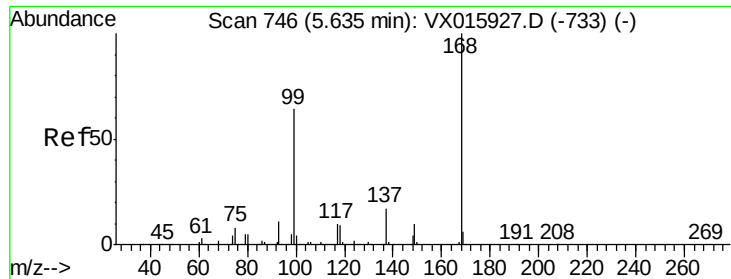
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042420\
Data File : VX015935.D
Acq On : 24 Apr 2020 17:05
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Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	42112	17.814	ug/l	97
94) Hexachlorobutadiene	13.77	225	15794	18.847	ug/l	96
95) Naphthalene	13.82	128	150928	17.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	39964	17.868	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

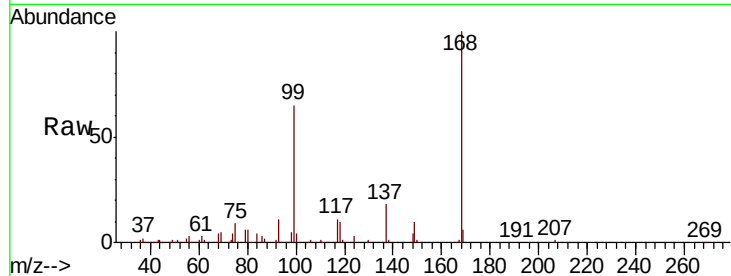
VX0424WBS01

Tot Ion:168 Resp: 146691

Ion Ratio Lower Upper

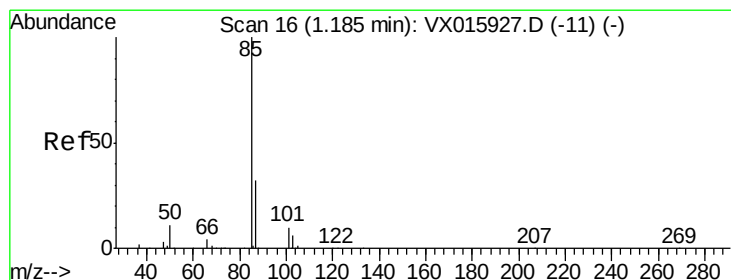
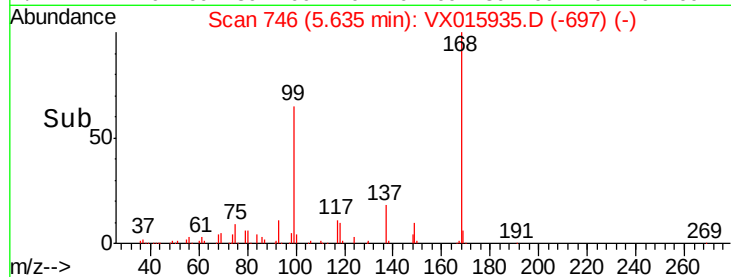
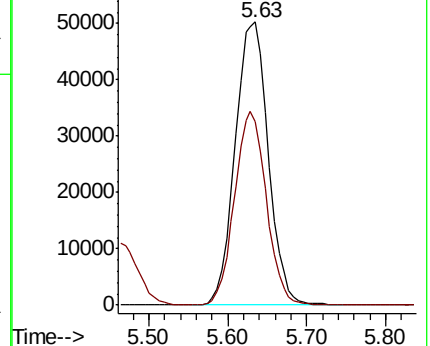
168 100

99 64.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.262 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015935.D

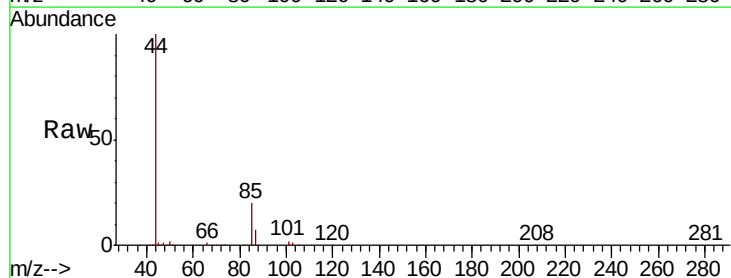
Acq: 24 Apr 2020 17:05

Tgt Ion: 85 Resp: 31066

Ion Ratio Lower Upper

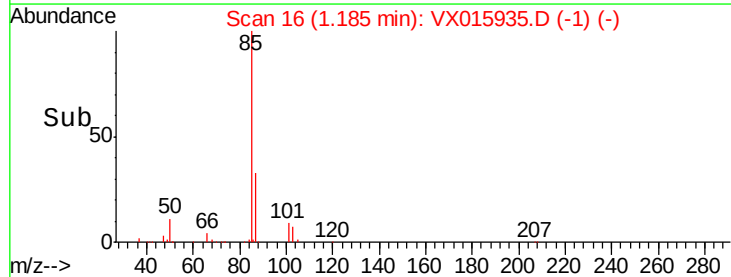
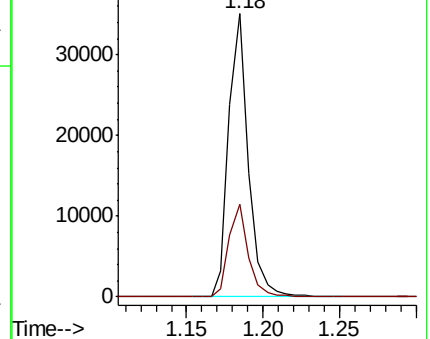
85 100

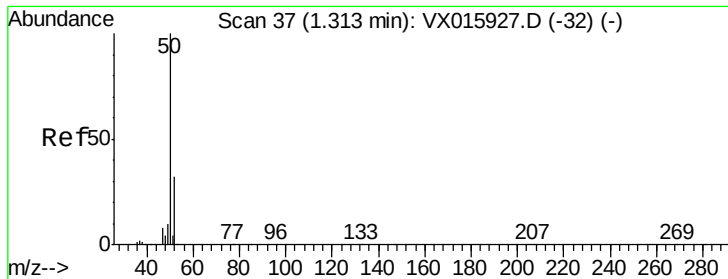
87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.877 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

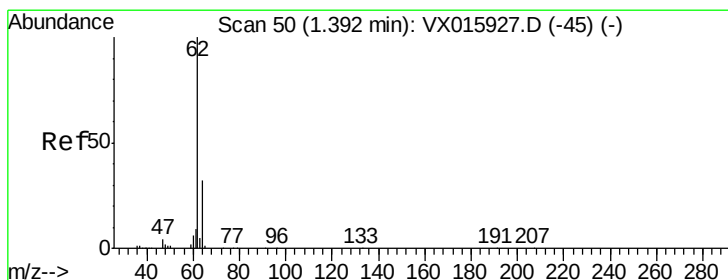
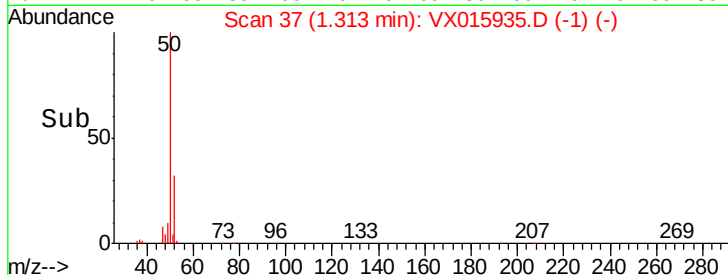
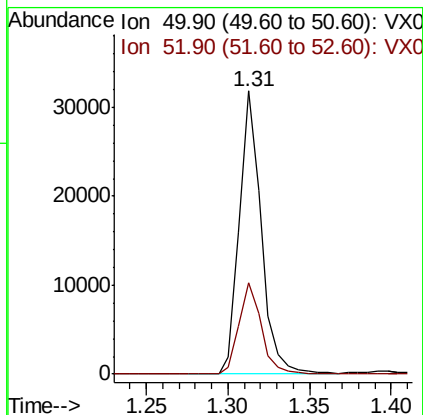
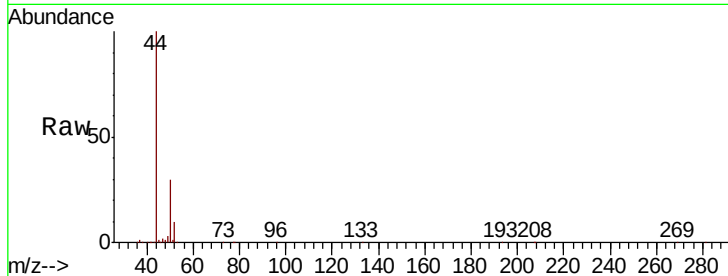
VX0424WBS01

Tot Ion: 50 Resp: 29715

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 18.594 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015935.D

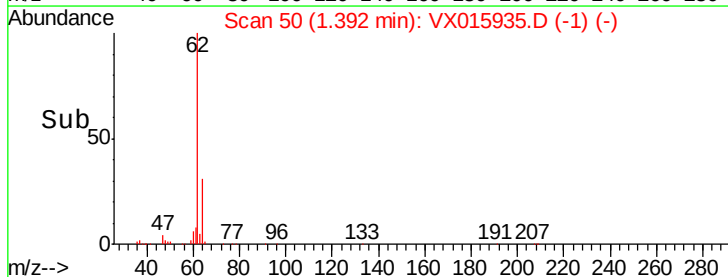
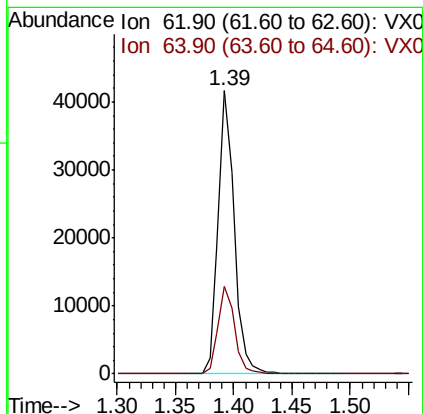
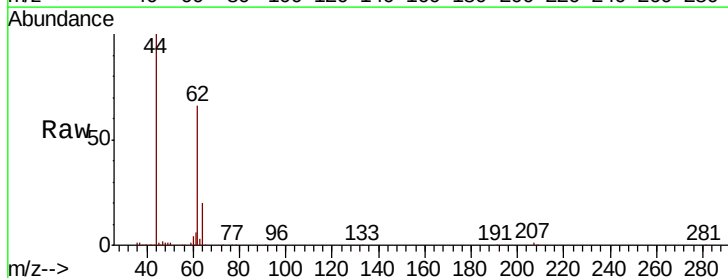
Acq: 24 Apr 2020 17:05

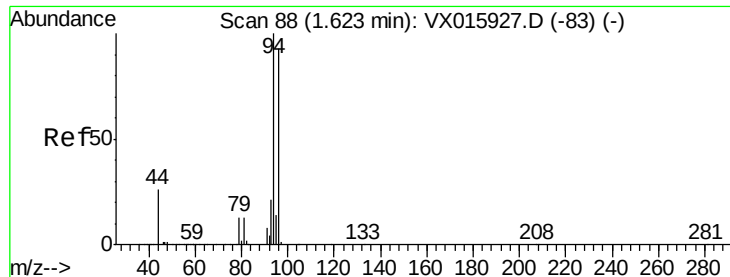
Tgt Ion: 62 Resp: 39552

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 26.020 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

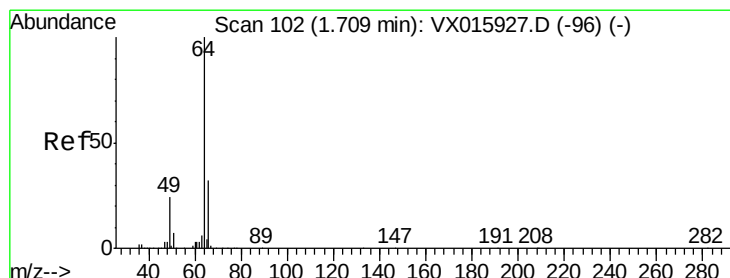
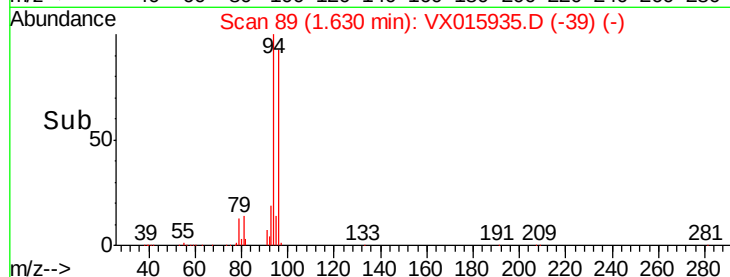
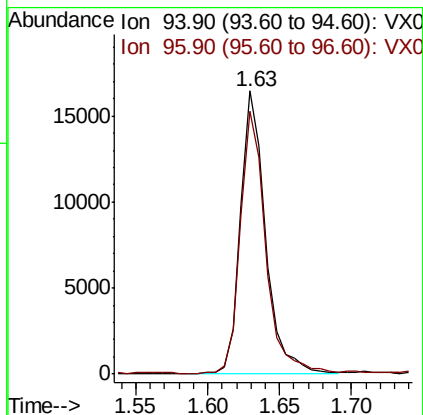
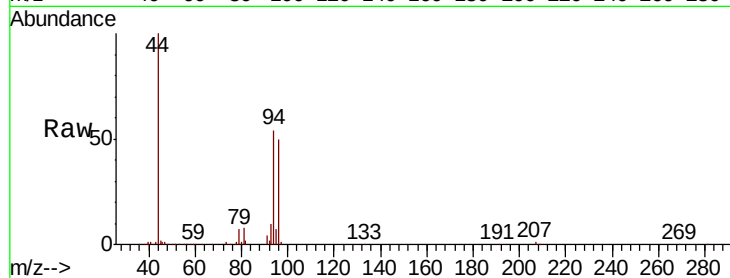
VX0424WBS01

Tot Ion: 94 Resp: 19956

Ion Ratio Lower Upper

94 100

96 93.0 74.8 112.2



#6

Chloroethane

Concen: 18.703 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015935.D

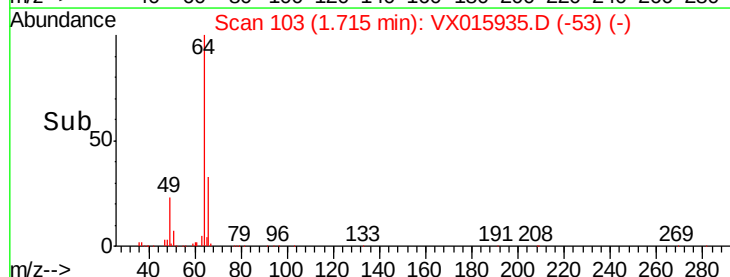
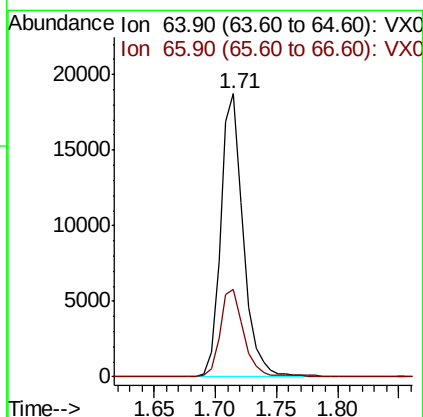
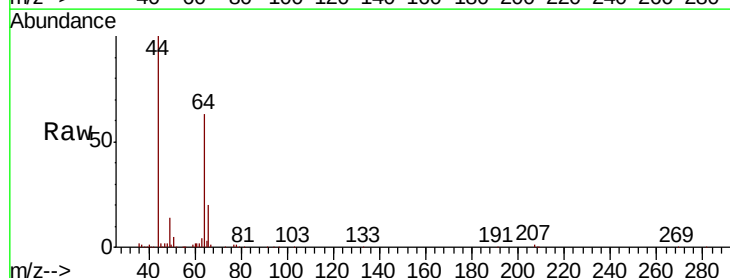
Acq: 24 Apr 2020 17:05

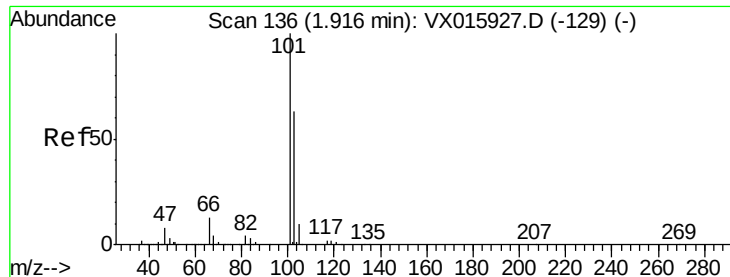
Tgt Ion: 64 Resp: 23948

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8



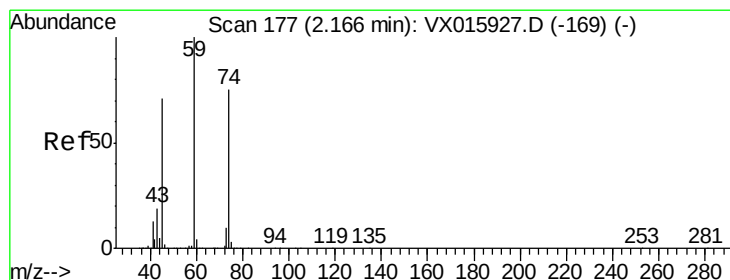
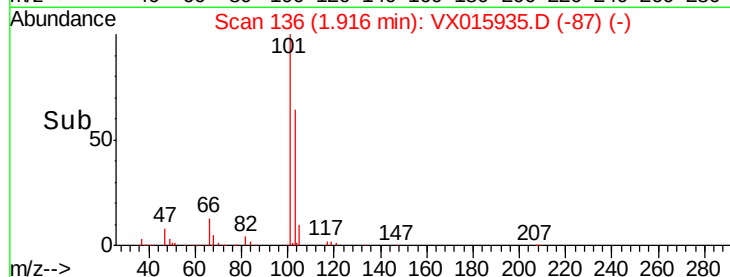
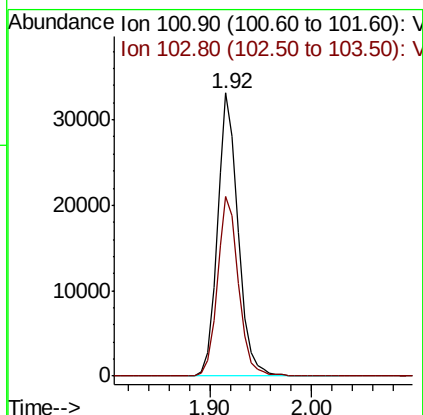
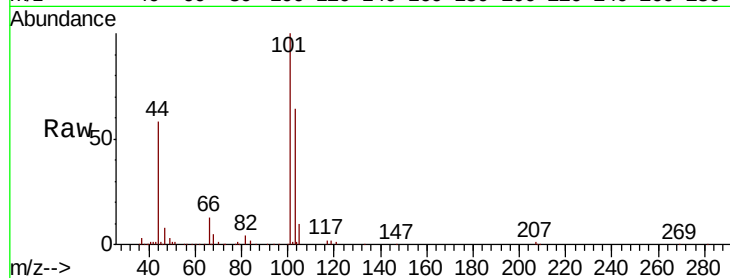


#7

Trichlorofluoromethane
 Concen: 18.891 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

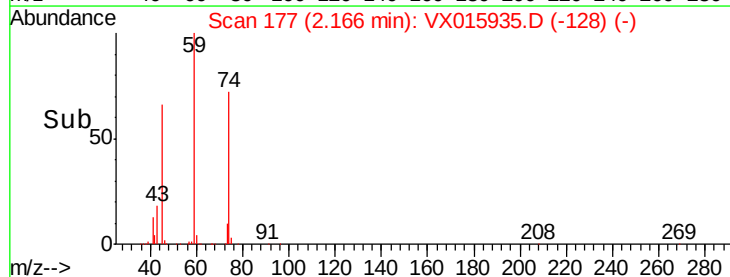
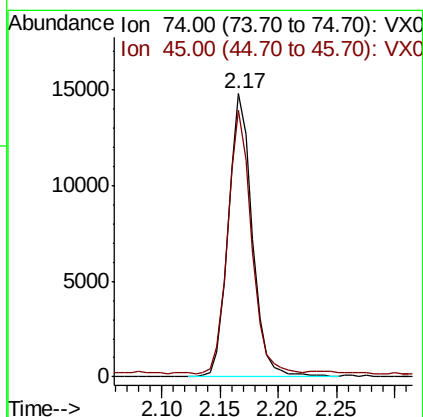
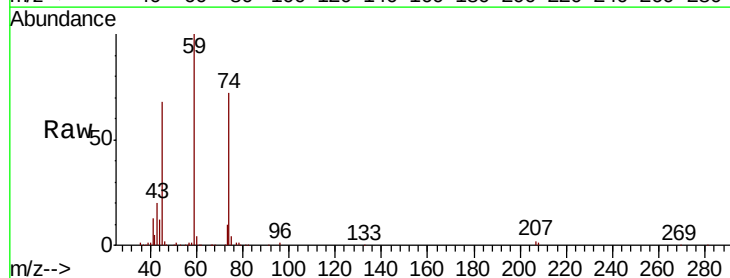
Tot Ion:101 Resp: 47071
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.8 76.2

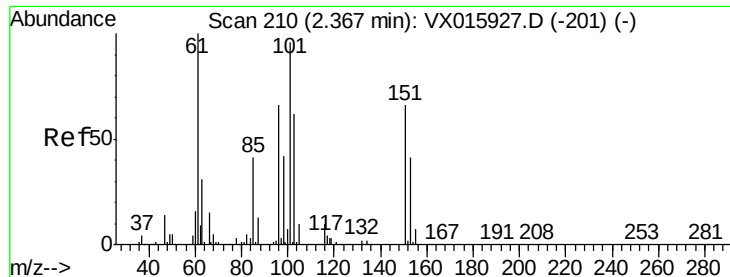


#8

Diethyl Ether
 Concen: 17.937 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 74 Resp: 21270
 Ion Ratio Lower Upper
 74 100
 45 91.1 46.9 140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.931 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

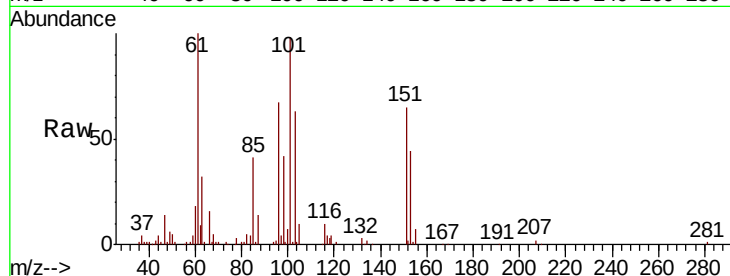
Tot Ion:101 Resp: 30008

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

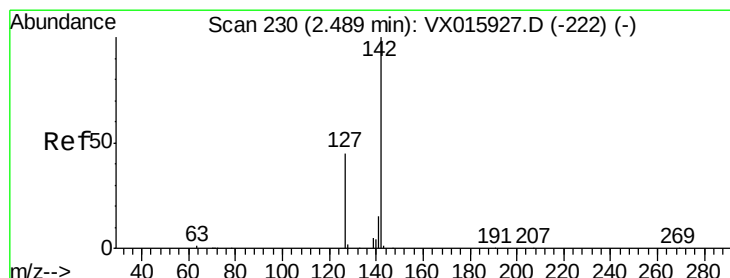
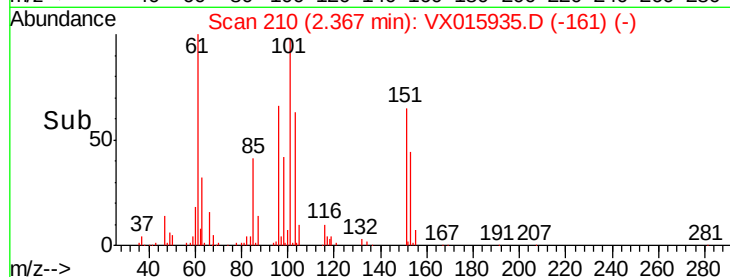
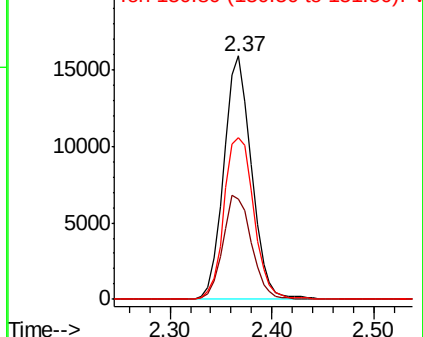
151 71.3 55.8 83.6



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: 20.117 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

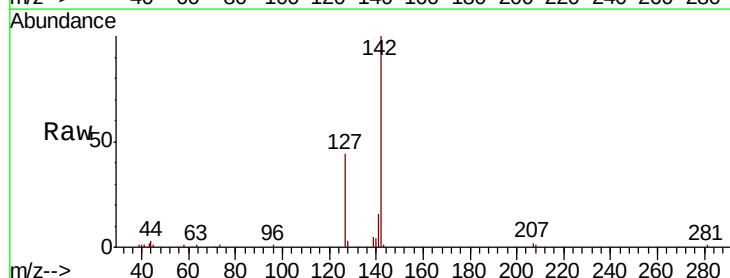
Tgt Ion:142 Resp: 30899

Ion Ratio Lower Upper

142 100

127 41.9 34.4 51.6

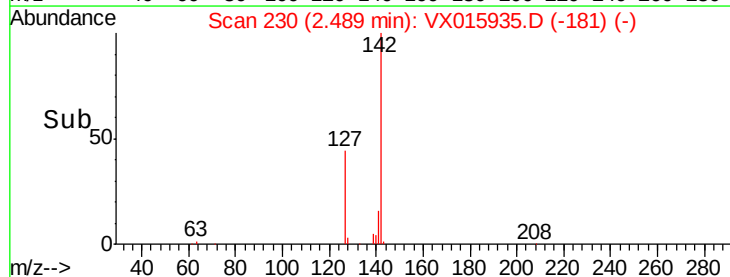
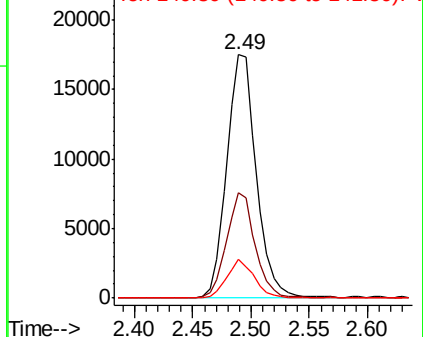
141 14.3 11.5 17.3

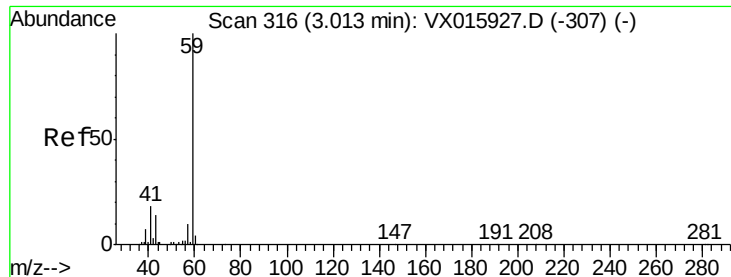


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



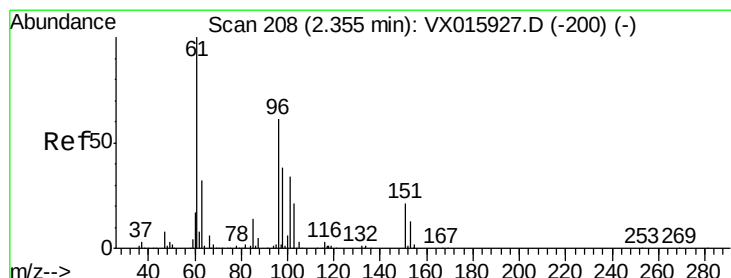
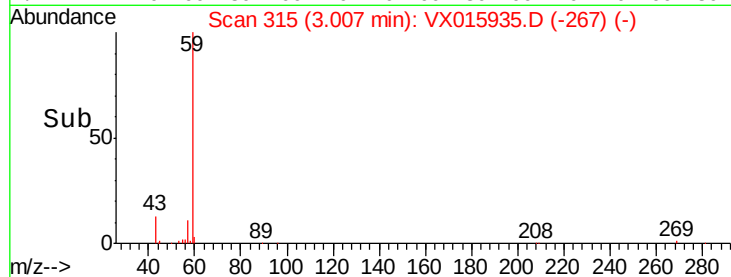
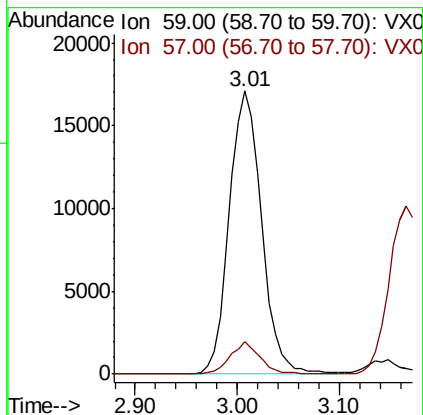
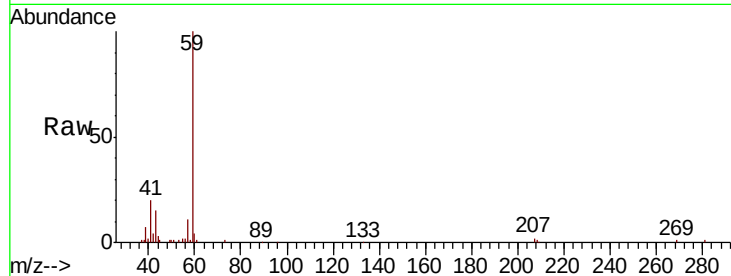


#11

Tert butyl alcohol
 Concen: 84.333 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

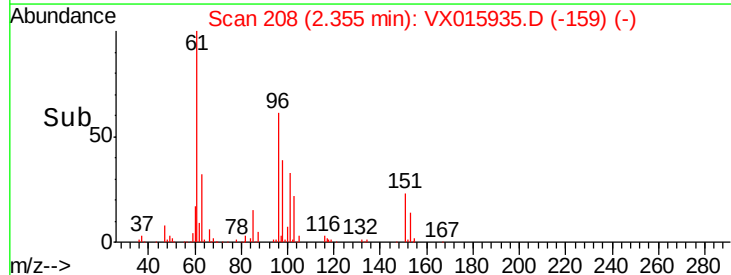
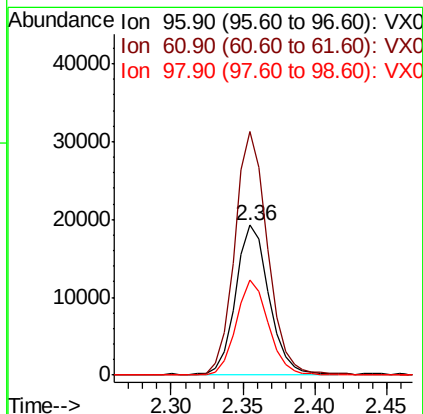
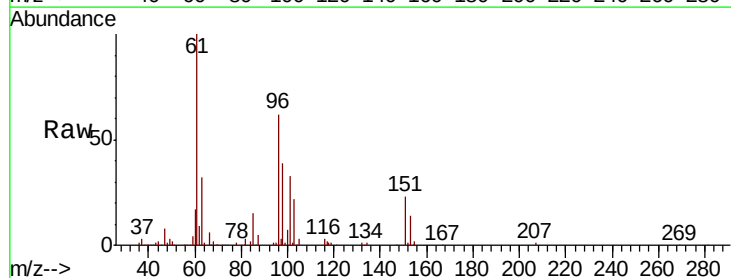
Tot Ion: 59 Resp: 37529
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

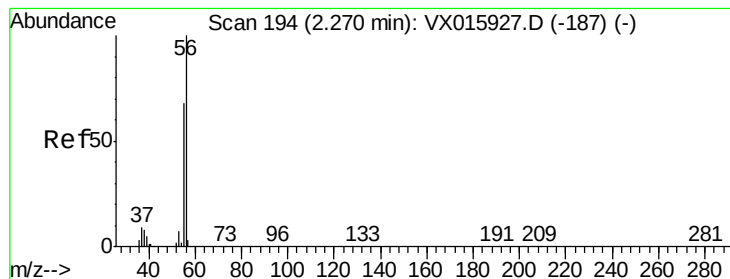


#12

1,1-Dichloroethene
 Concen: 18.579 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 96 Resp: 30857
 Ion Ratio Lower Upper
 96 100
 61 163.2 131.2 196.8
 98 63.6 50.2 75.4





#13

Acrolein

Concen: 87.338 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

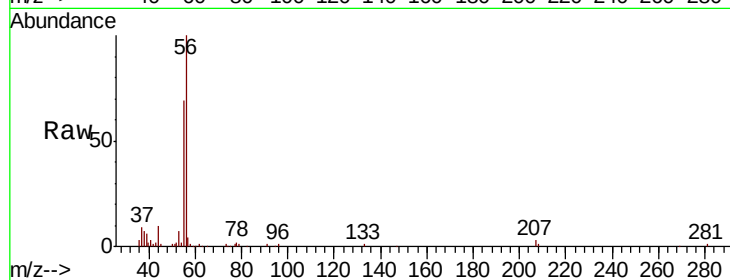
VX0424WBS01

Tot Ion: 56 Resp: 24121

Ion Ratio Lower Upper

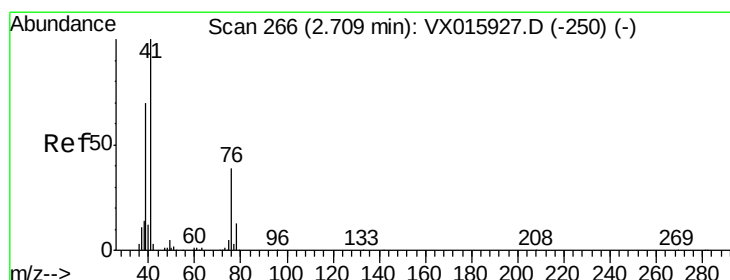
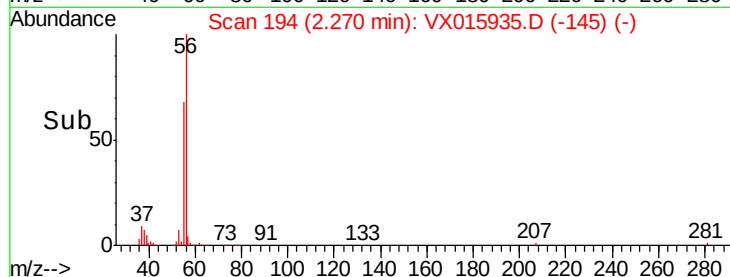
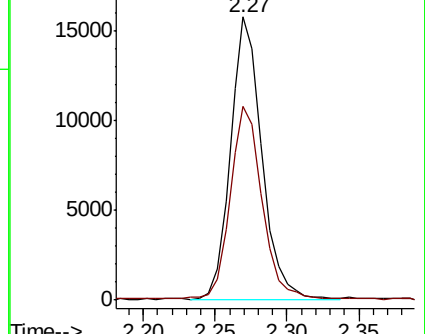
56 100

55 67.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.377 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

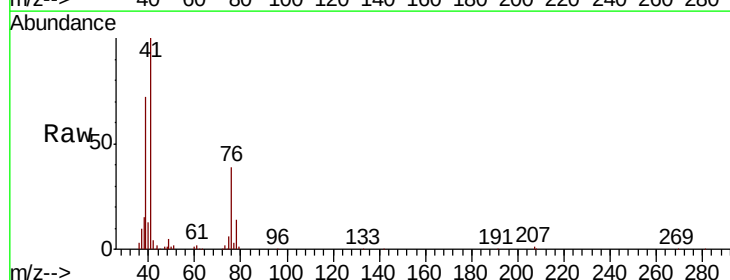
Tgt Ion: 41 Resp: 53941

Ion Ratio Lower Upper

41 100

39 64.9 51.6 77.4

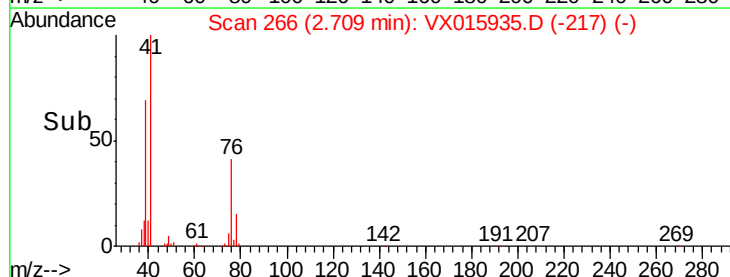
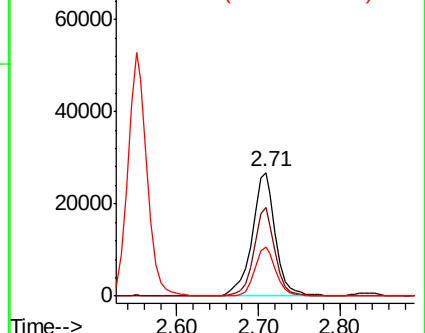
76 35.3 29.3 43.9

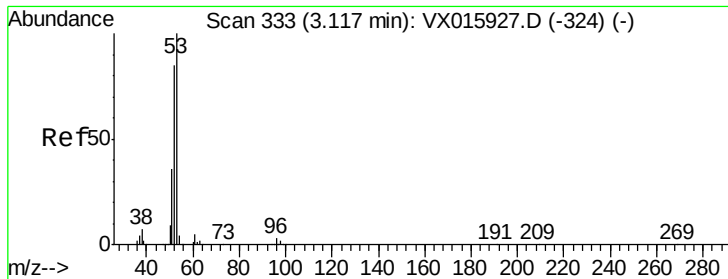


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

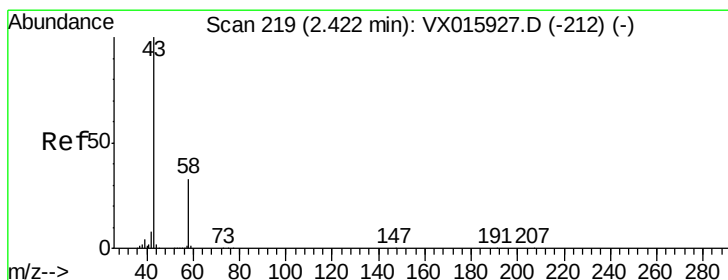
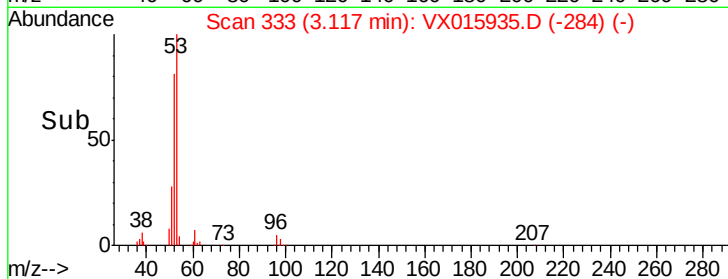
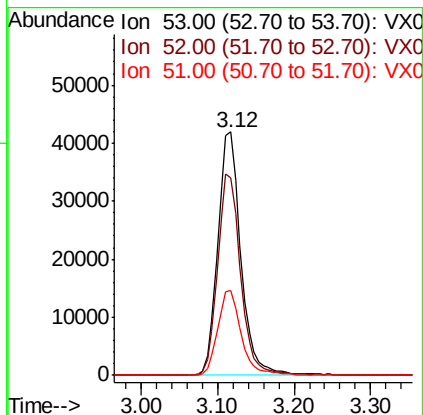
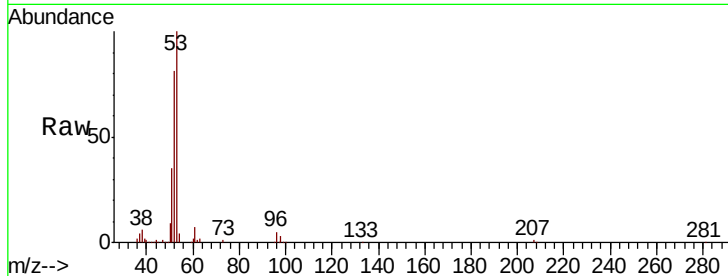




#15
 Acrylonitrile
 Concen: 90.175 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

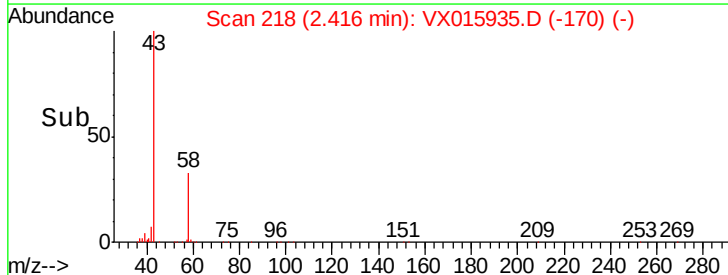
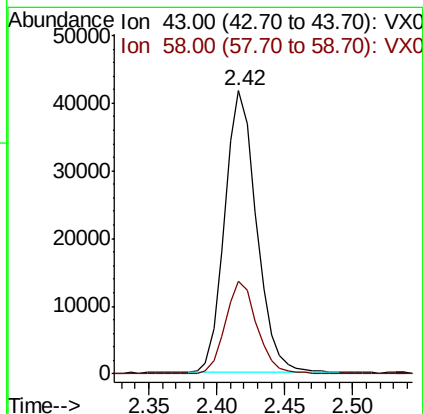
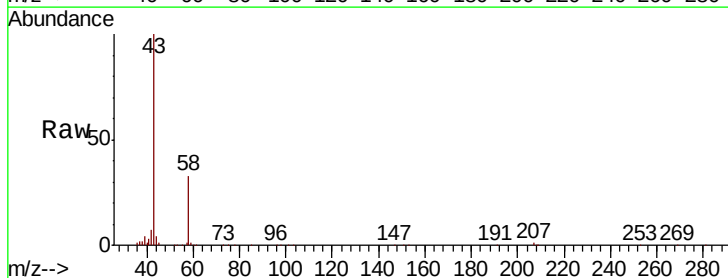
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

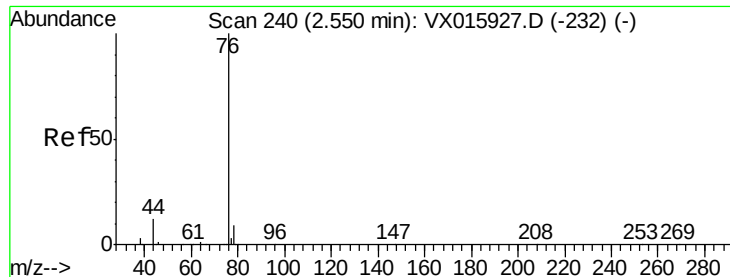
Tot Ion:	53	Resp:	87708
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	35.7	28.2	42.2



#16
 Acetone
 Concen: 87.261 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion:	43	Resp:	67795
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.4	39.6





#17

Carbon Disulfide

Concen: 18.726 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

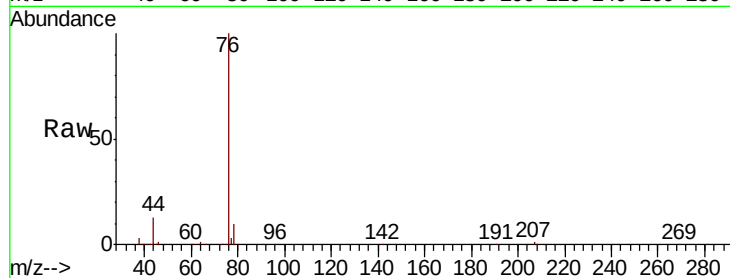
VX0424WBS01

Tot Ion: 76 Resp: 86570

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

60000

50000

40000

30000

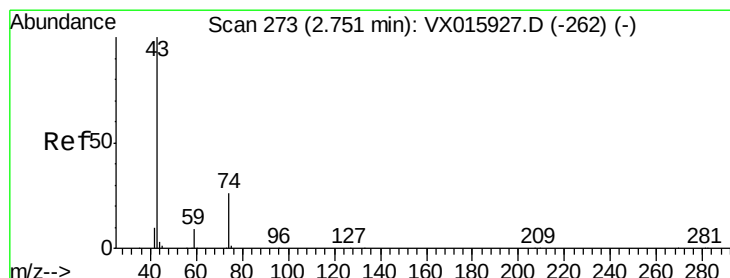
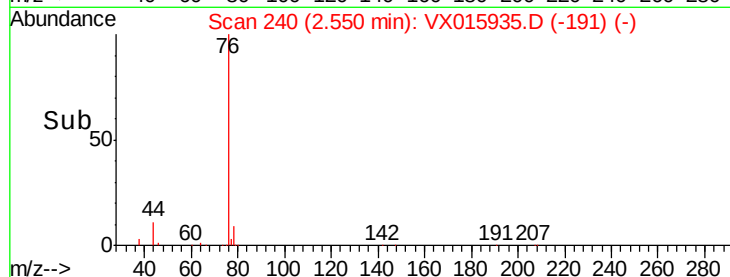
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 17.508 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015935.D

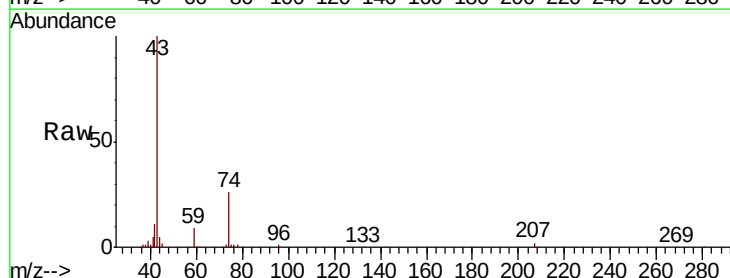
Acq: 24 Apr 2020 17:05

Tgt Ion: 43 Resp: 41138

Ion Ratio Lower Upper

43 100

74 26.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

25000

20000

15000

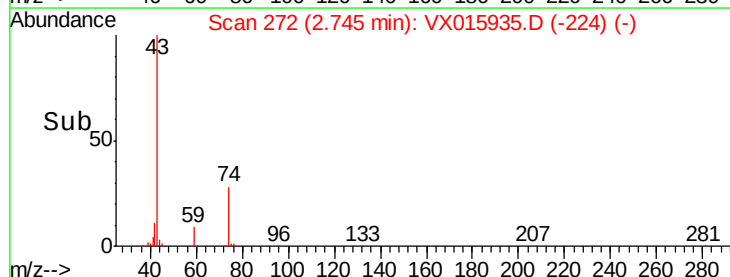
10000

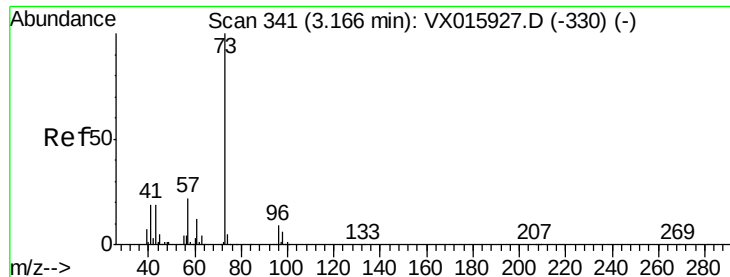
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



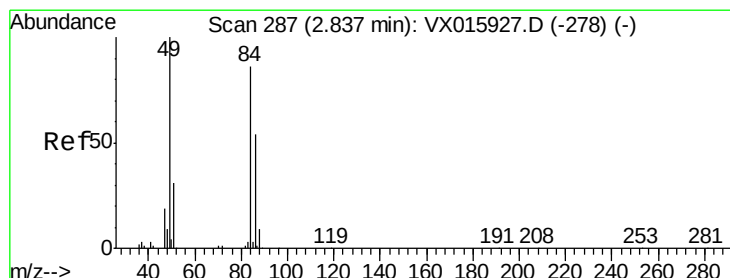
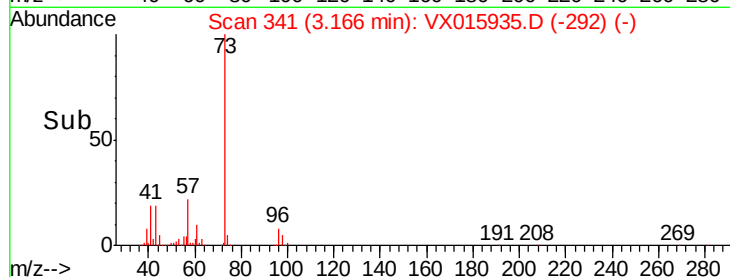
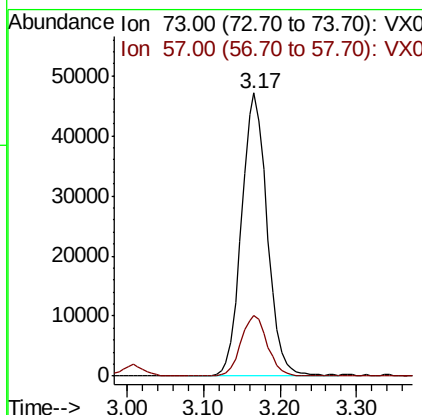
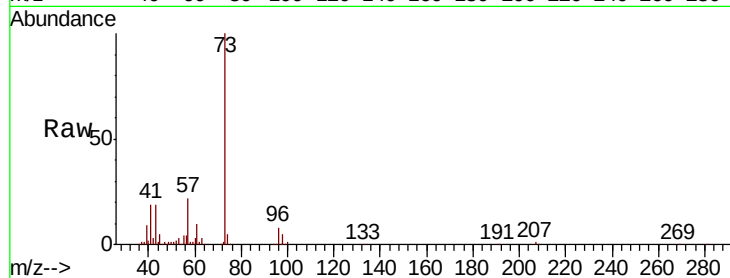


#19

Methyl tert-butyl Ether
 Concen: 18.312 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

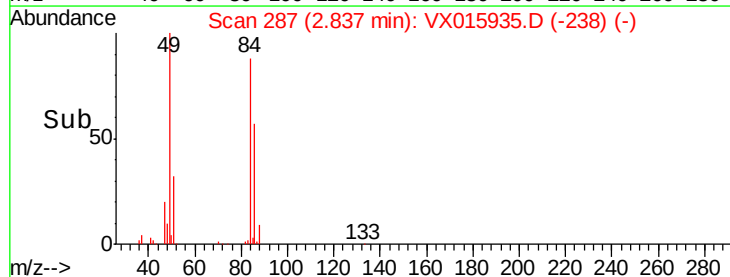
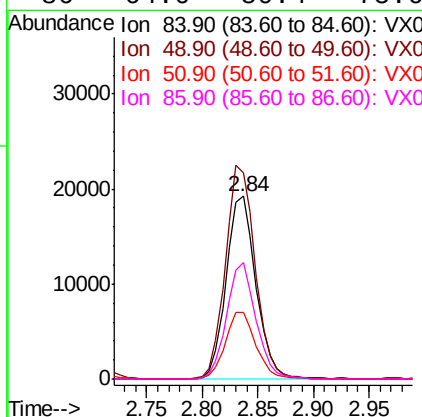
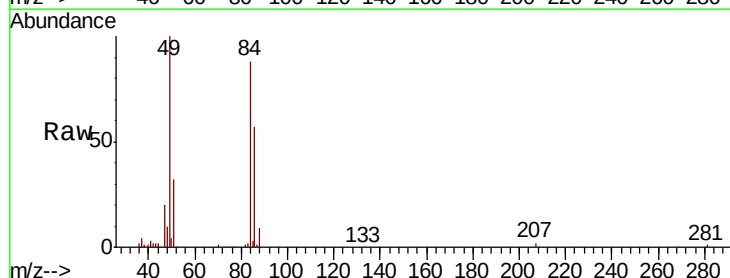
Tot Ion: 73 Resp: 108926
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.3 25.9

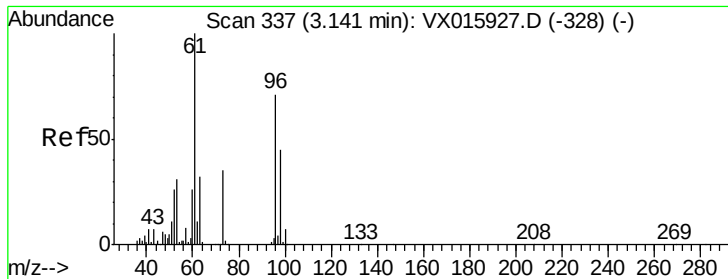


#20

Methylene Chloride
 Concen: 18.552 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 84 Resp: 35654
 Ion Ratio Lower Upper
 84 100
 49 113.0 93.0 139.6
 51 36.2 28.6 43.0
 86 64.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 18.135 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

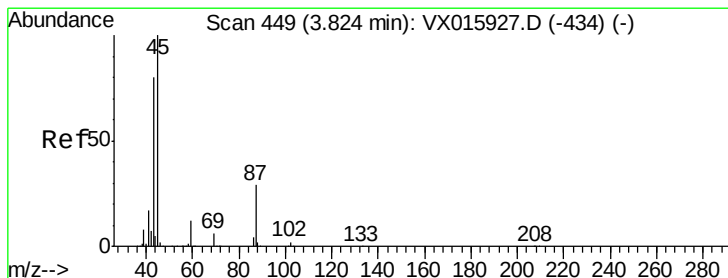
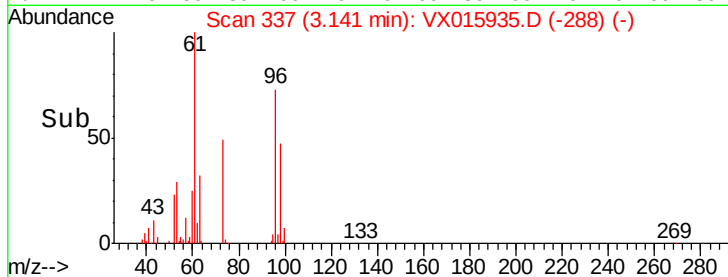
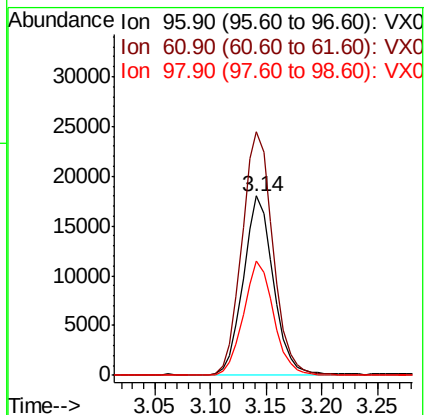
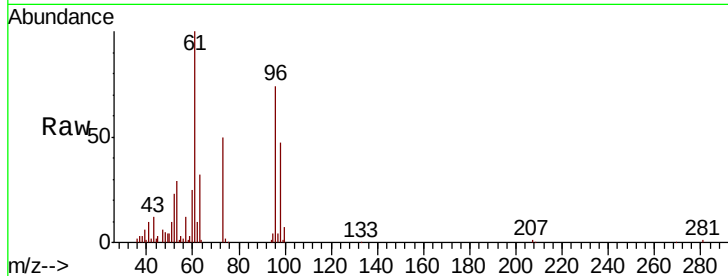
Tot Ion: 96 Resp: 33652

Ion Ratio Lower Upper

96 100

61 136.4 112.7 169.1

98 64.0 51.0 76.4



#22

Diisopropyl ether

Concen: 18.467 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Tgt Ion: 45 Resp: 107050

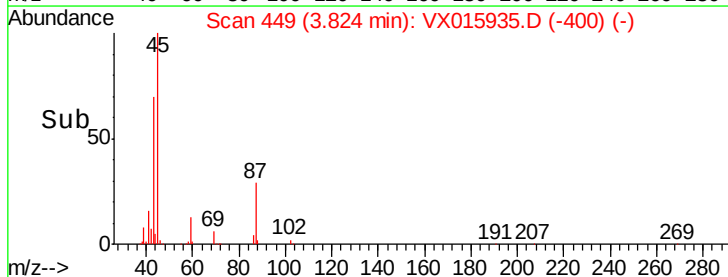
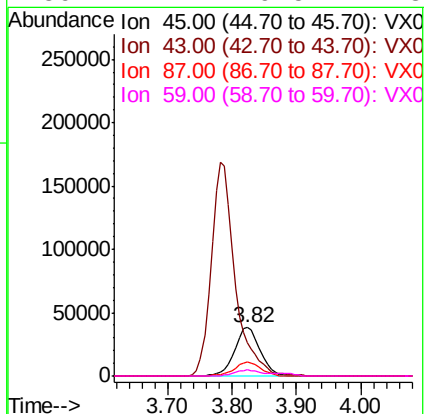
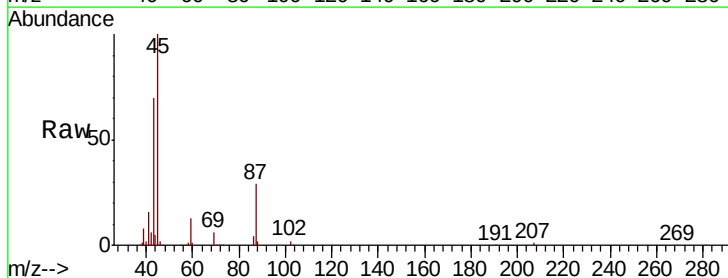
Ion Ratio Lower Upper

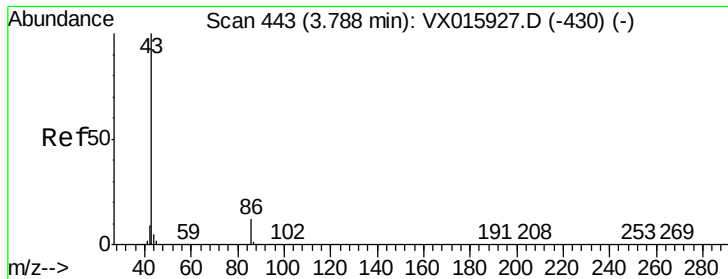
45 100

43 69.1 63.8 95.6

87 29.3 22.9 34.3

59 12.7 9.5 14.3





#23

Vinyl Acetate

Concen: 92.621 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

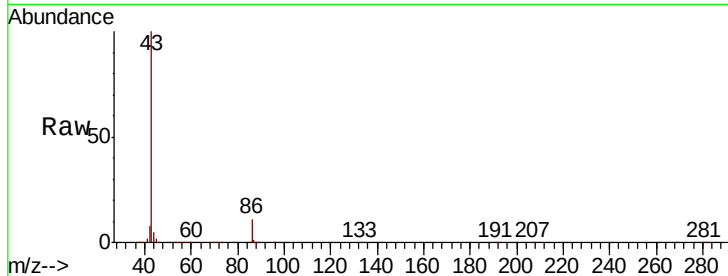
VX0424WBS01

Tot Ion: 43 Resp: 438651

Ion Ratio Lower Upper

43 100

86 11.2 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

150000

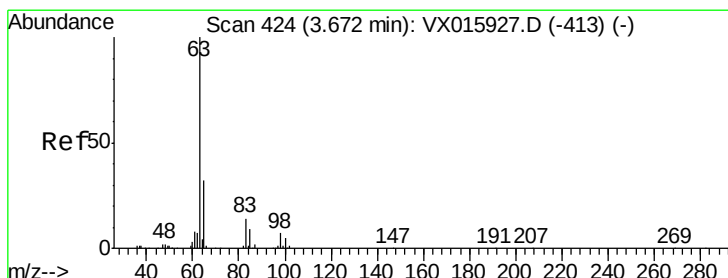
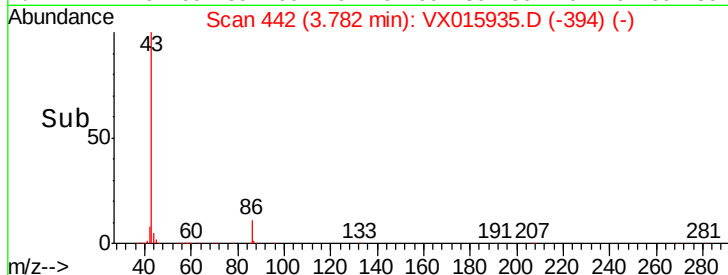
100000

50000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 18.443 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

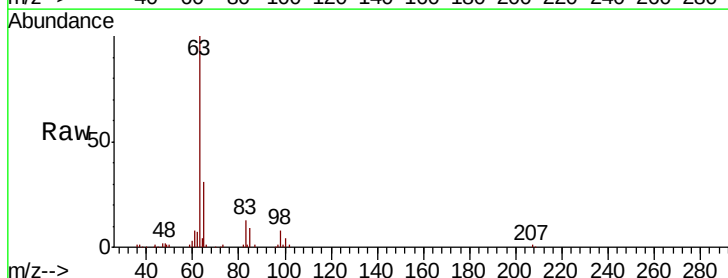
Tgt Ion: 63 Resp: 61158

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 4.4 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

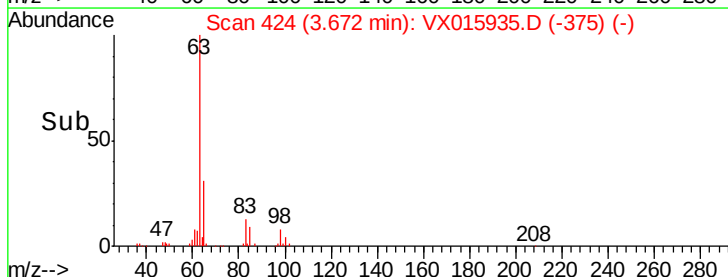
20000

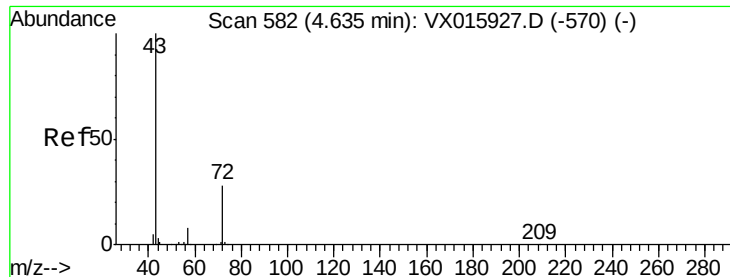
10000

0

Time-->

3.60 3.70 3.80

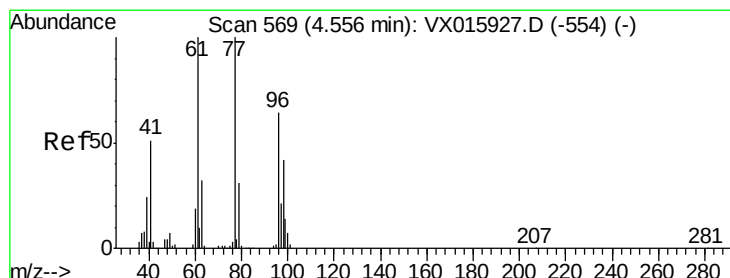
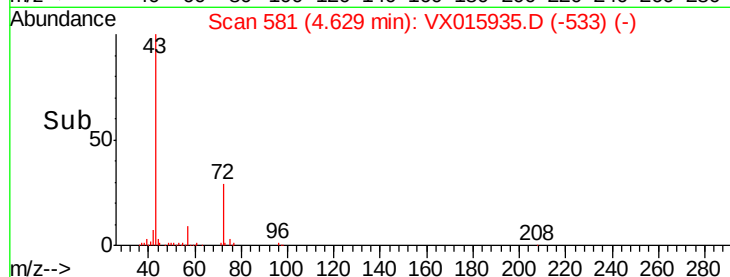
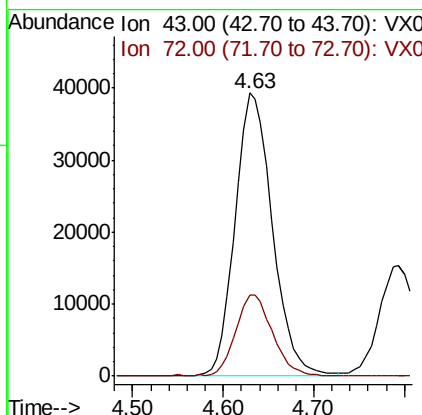
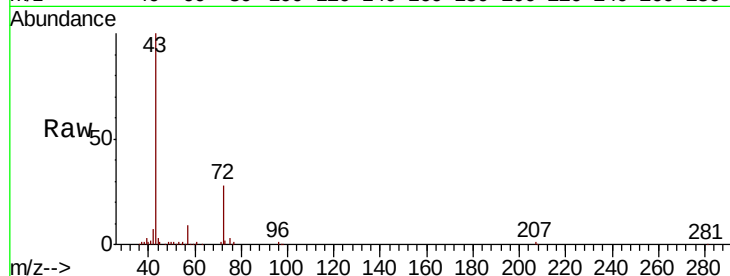




#25
2-Butanone
Concen: 88.027 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

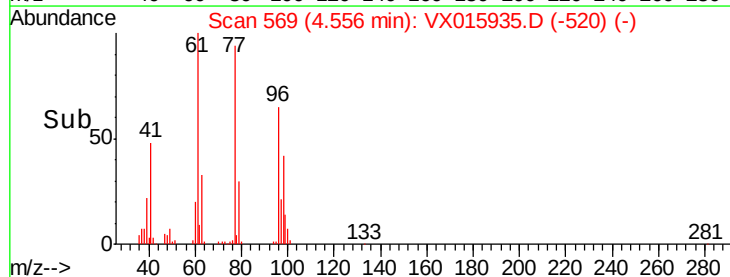
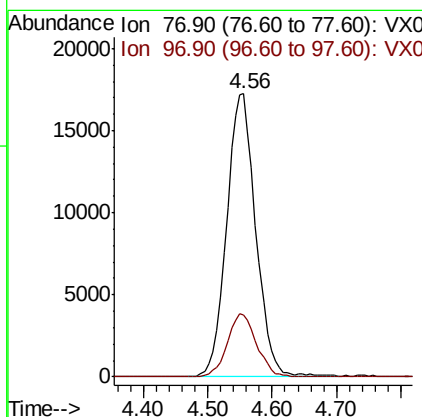
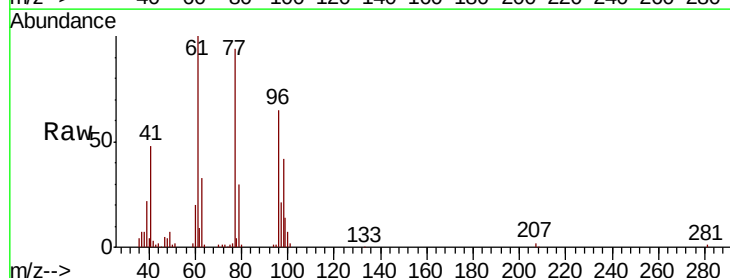
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

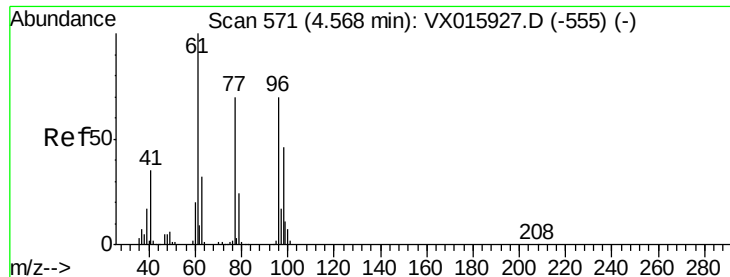
Tot Ion: 43 Resp: 111356
Ion Ratio Lower Upper
43 100
72 28.3 22.4 33.6



#26
2,2-Dichloropropane
Concen: 18.648 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion: 77 Resp: 54565
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.9



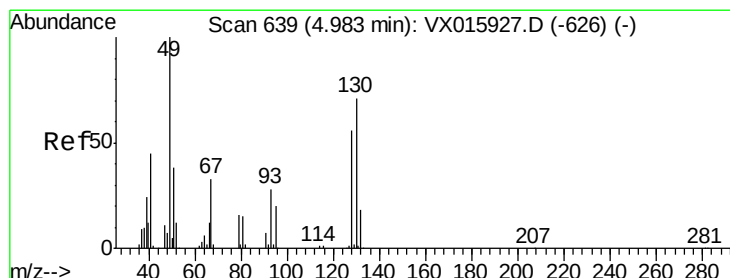
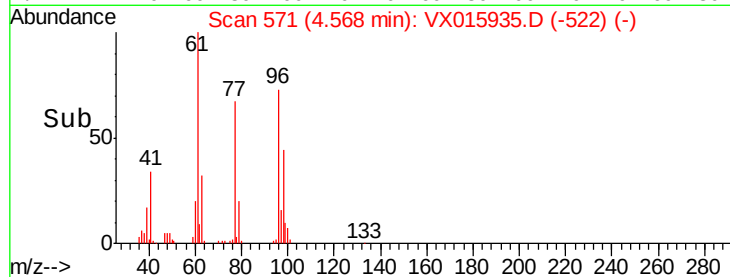
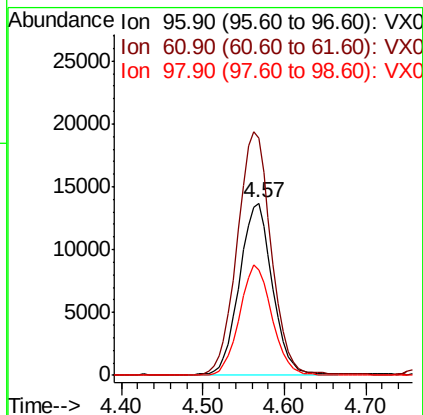
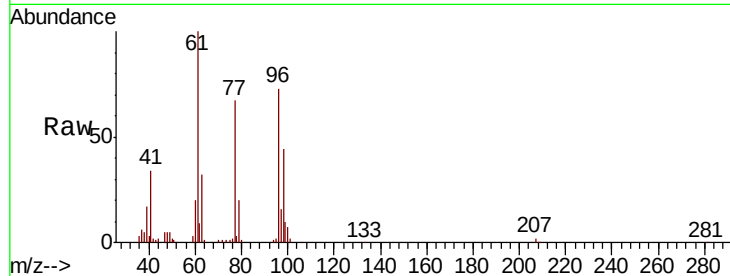


#27

cis-1,2-Dichloroethene
 Concen: 18.357 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

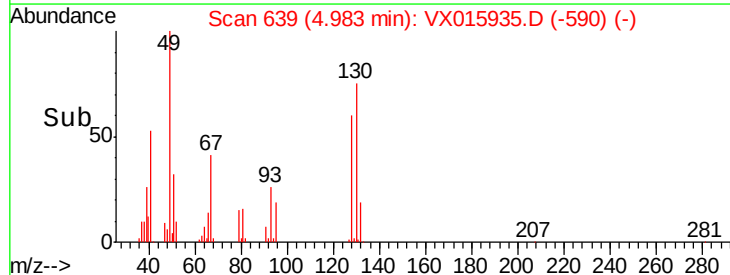
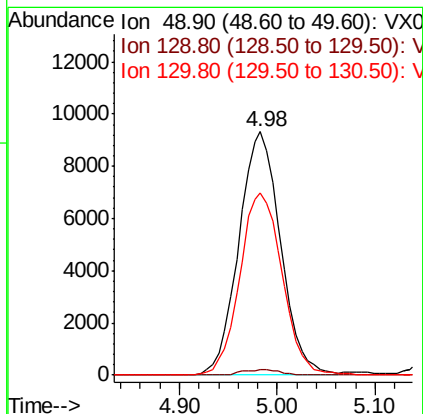
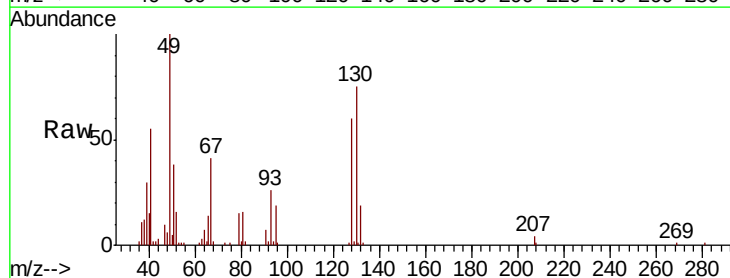
Tot Ion: 96 Resp: 38642
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 293.4
 98 62.5 0.0 129.0

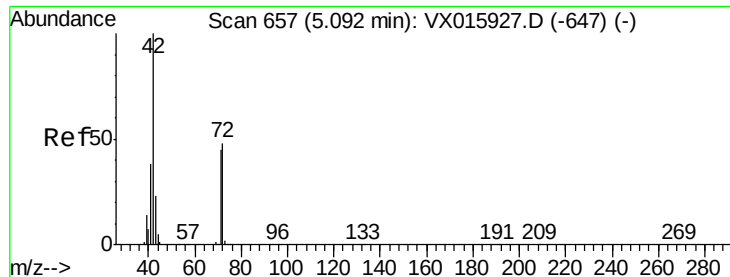


#28

Bromochloromethane
 Concen: 18.831 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 49 Resp: 27604
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 76.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 88.622 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

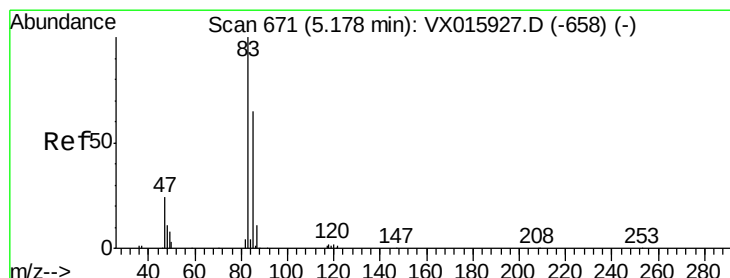
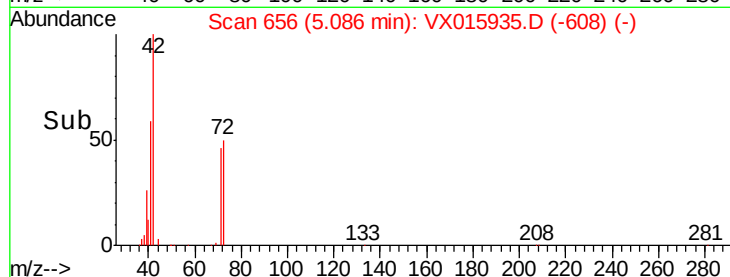
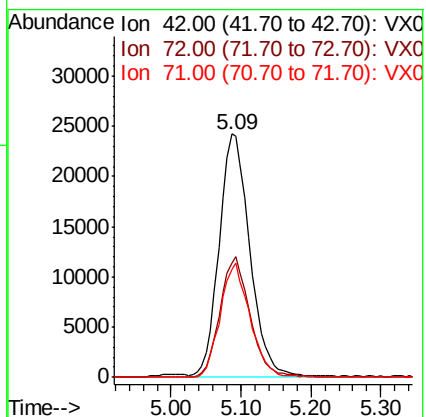
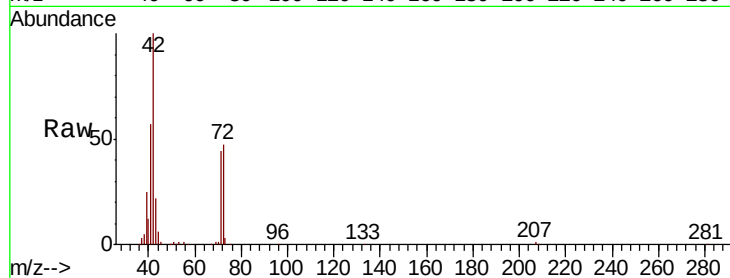
Tot Ion: 42 Resp: 73851

Ion Ratio Lower Upper

42 100

72 48.8 39.5 59.3

71 45.3 36.4 54.6



#30

Chloroform

Concen: 18.455 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015935.D

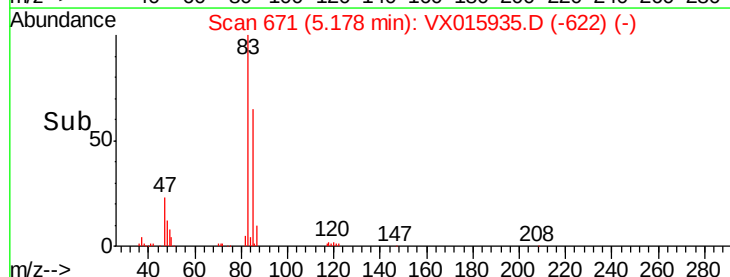
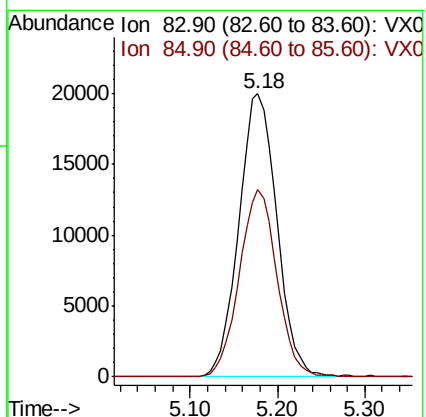
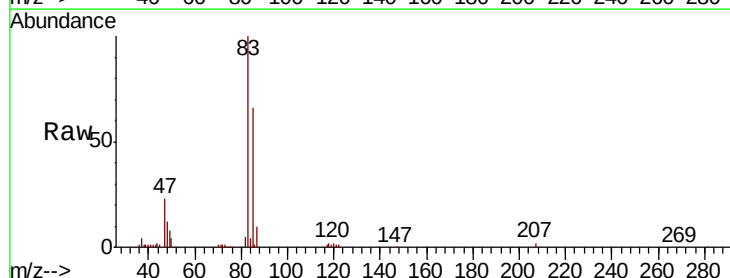
Acq: 24 Apr 2020 17:05

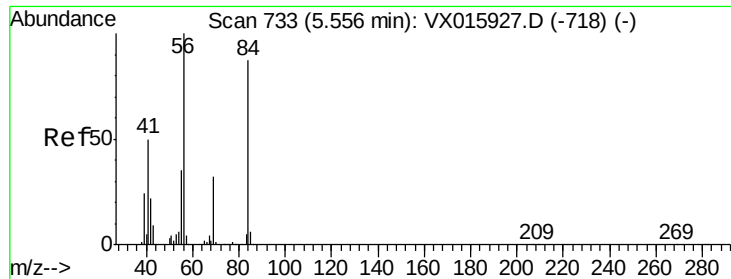
Tgt Ion: 83 Resp: 60497

Ion Ratio Lower Upper

83 100

85 66.1 51.7 77.5

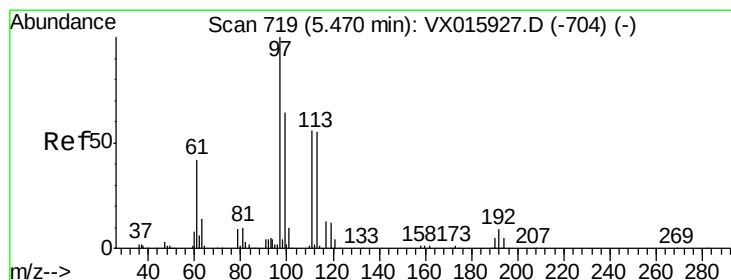
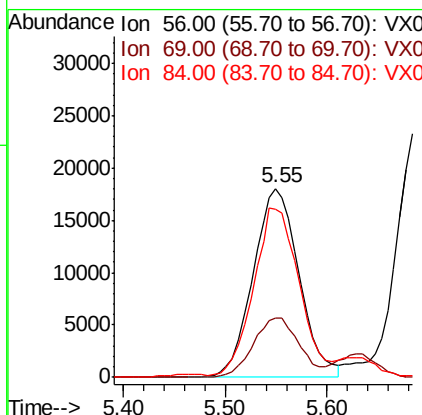
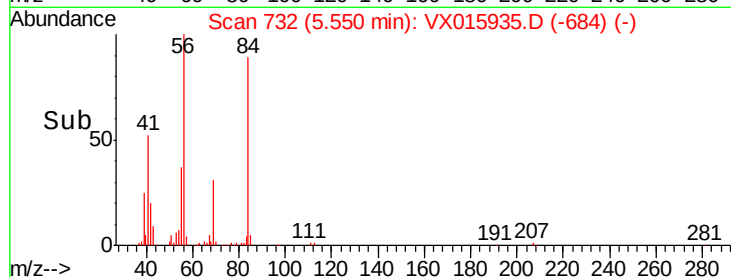
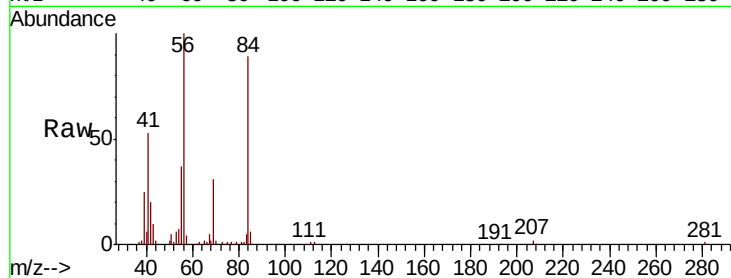




#31
Cyclohexane
Concen: 18.131 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

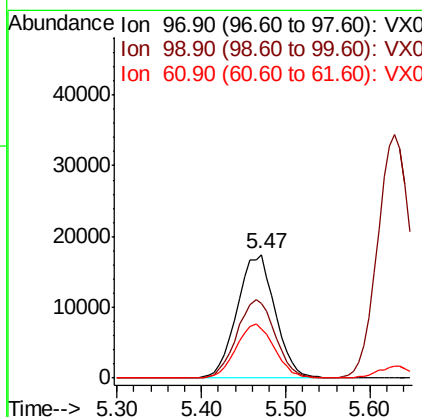
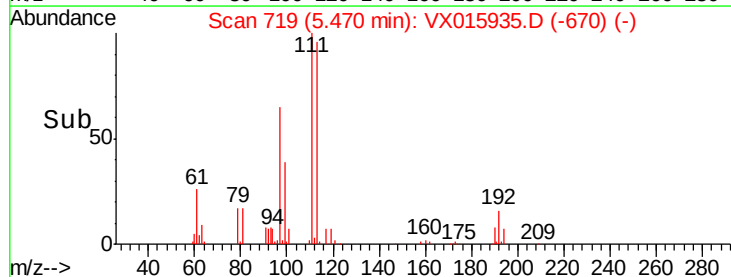
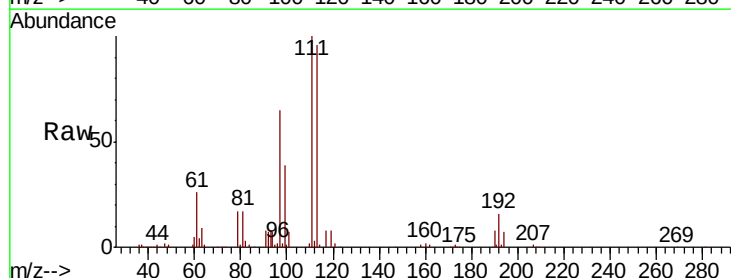
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

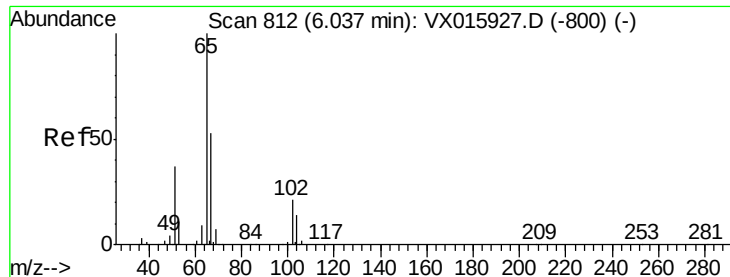
Tot Ion: 56 Resp: 56318
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.0
84 87.9 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 18.102 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion: 97 Resp: 53384
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 44.0 35.0 52.4

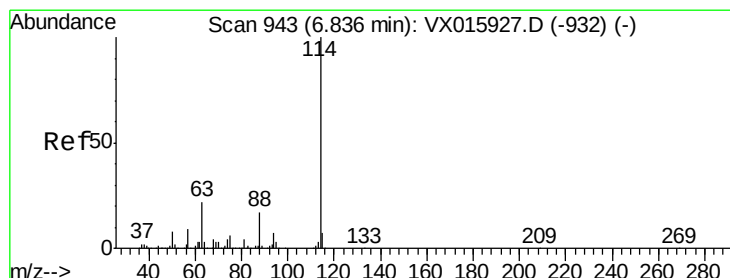
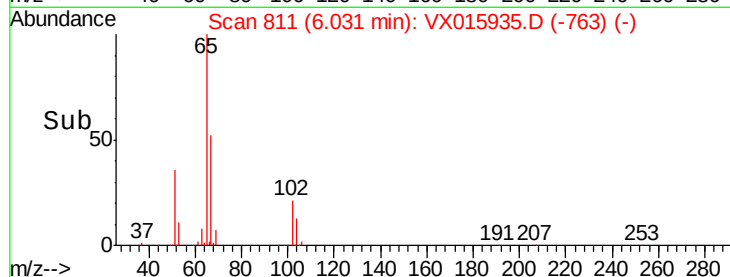
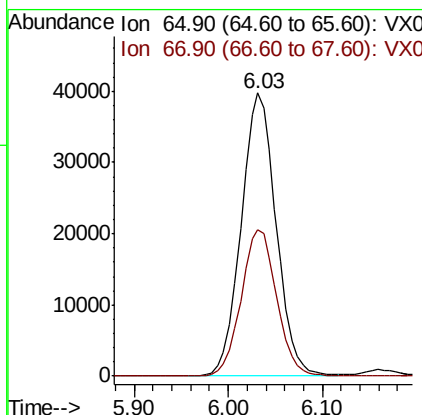
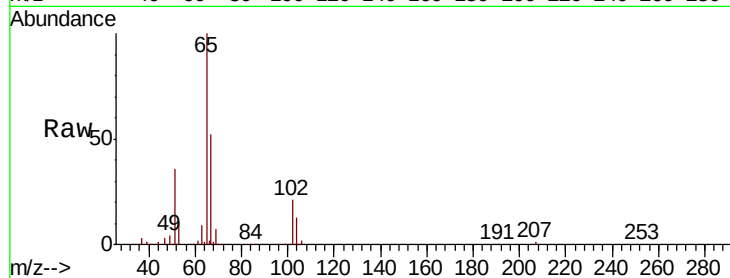




#33
 1,2-Dichloroethane-d4
 Concen: 49.771 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

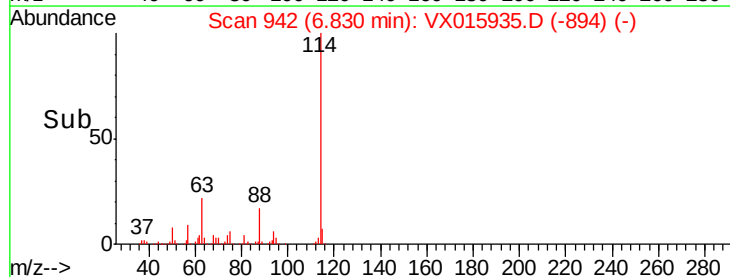
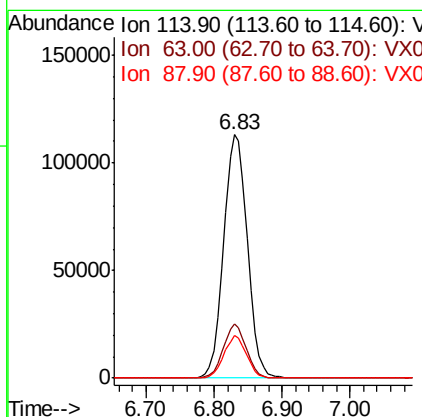
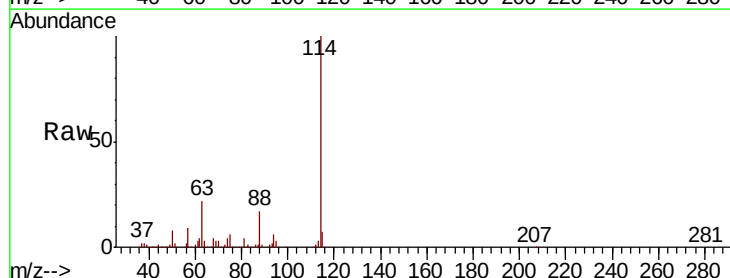
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

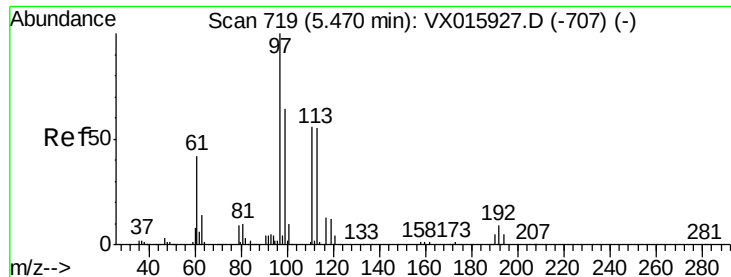
Tot Ion: 65 Resp: 103091
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 114 Resp: 273041
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.4
 88 17.4 0.0 34.2

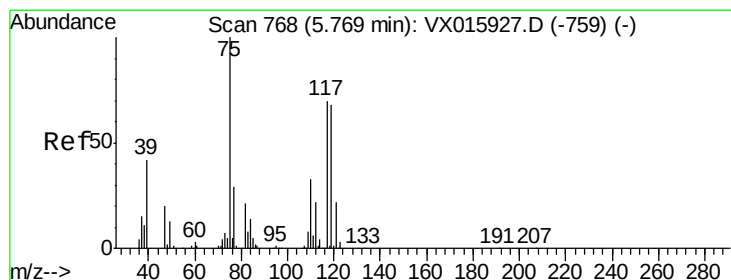
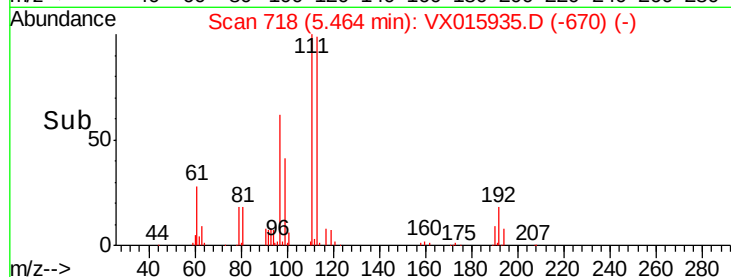
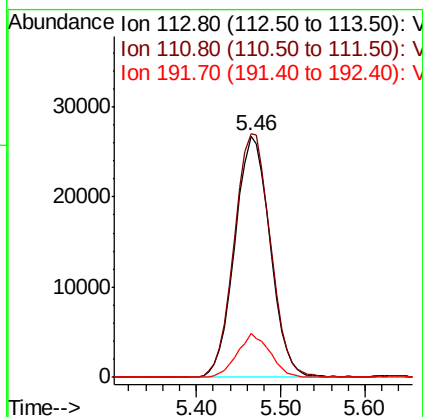
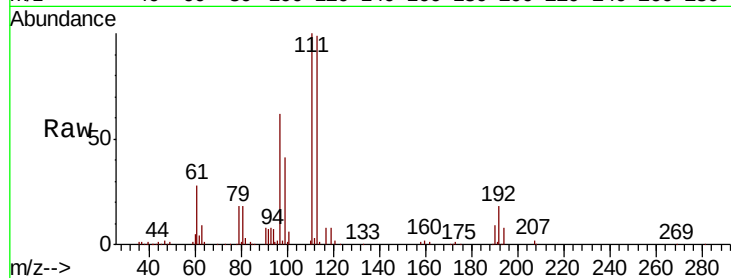




#35
 Dibromofluoromethane
 Concen: 50.863 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

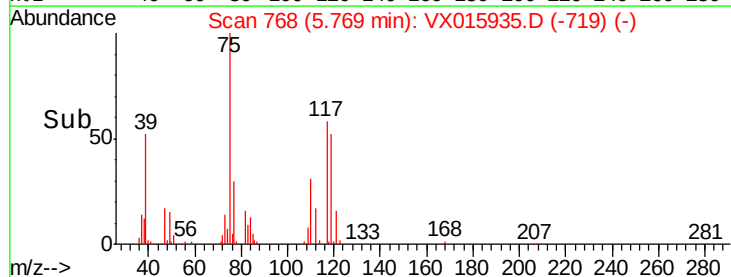
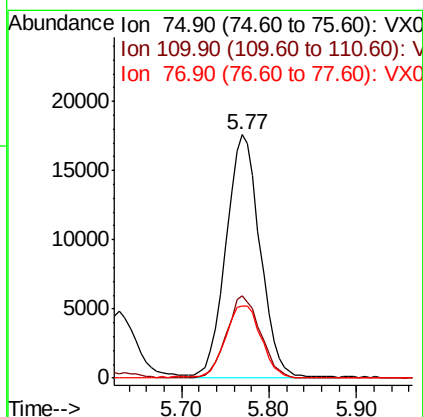
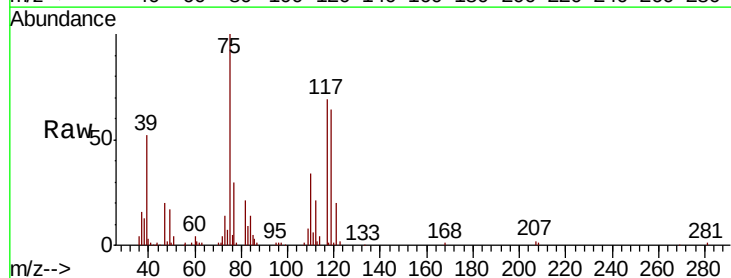
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

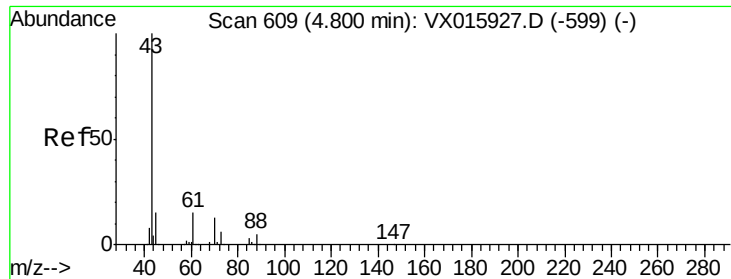
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.2	121.8
192	17.0	13.6	20.4



#36
 1,1-Dichloropropene
 Concen: 18.108 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.1	51.3
77	31.6	25.0	37.4

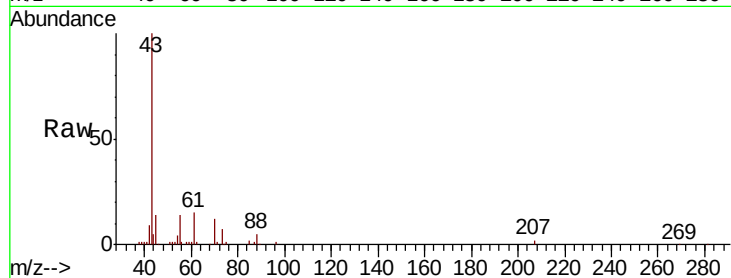




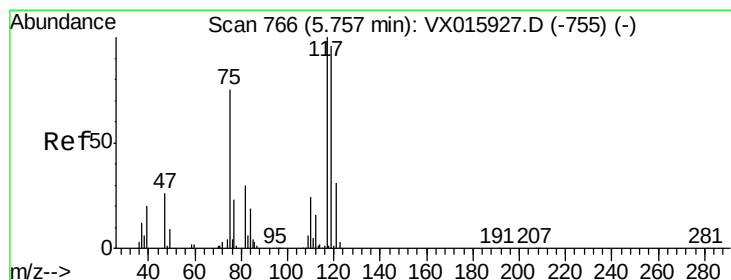
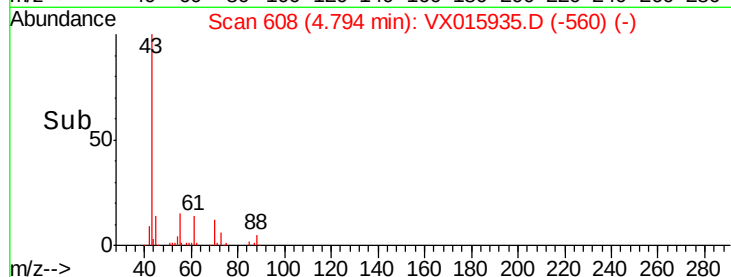
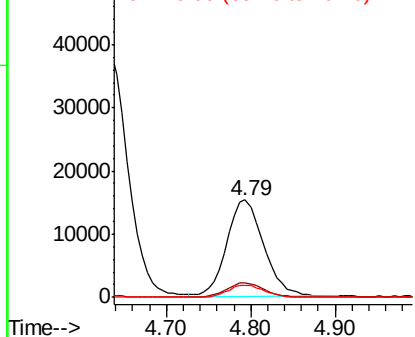
#37
Ethyl Acetate
Concen: 17.393 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

Tot Ion: 43 Resp: 45463
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 12.3 9.8 14.6

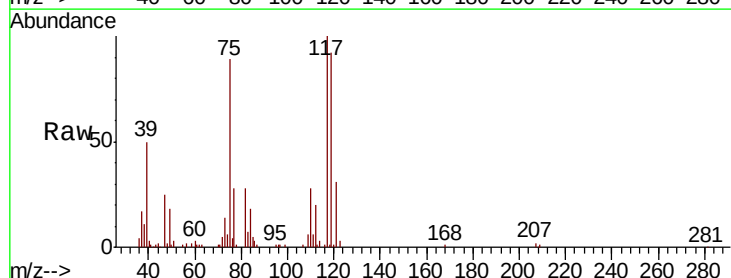


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

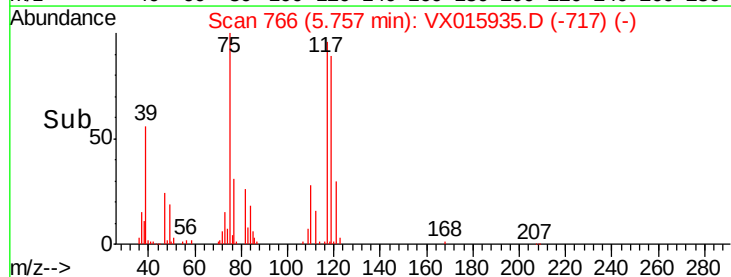
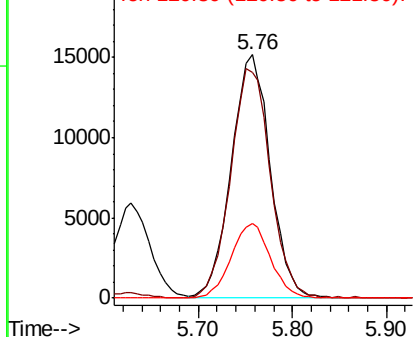


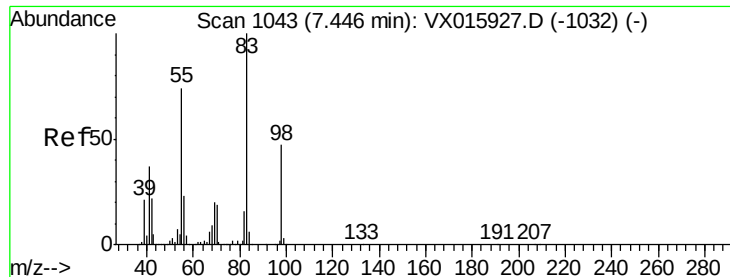
#38
Carbon Tetrachloride
Concen: 18.399 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion: 117 Resp: 43813
Ion Ratio Lower Upper
117 100
119 92.1 77.0 115.6
121 30.9 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

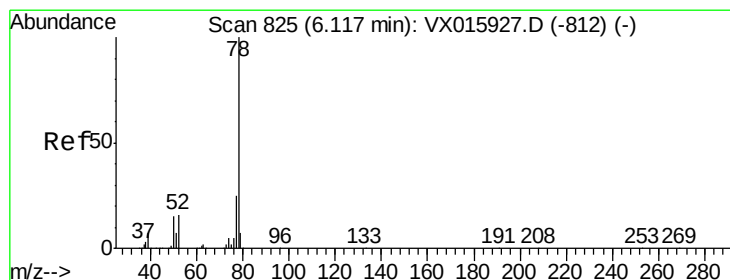
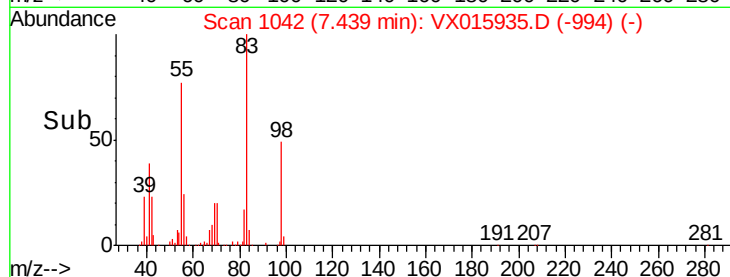
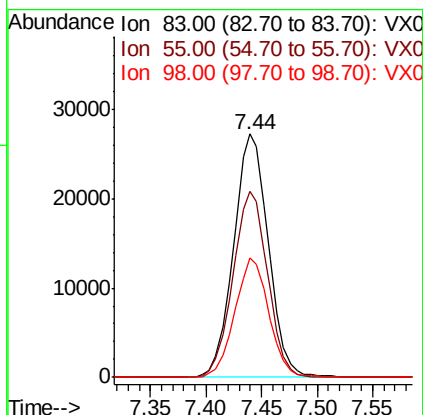
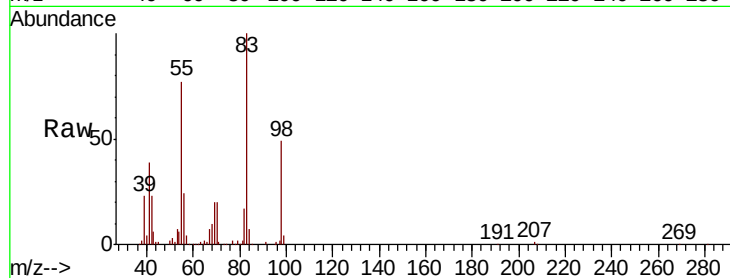




#39
Methylvlcyclohexane
Concen: 18.641 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

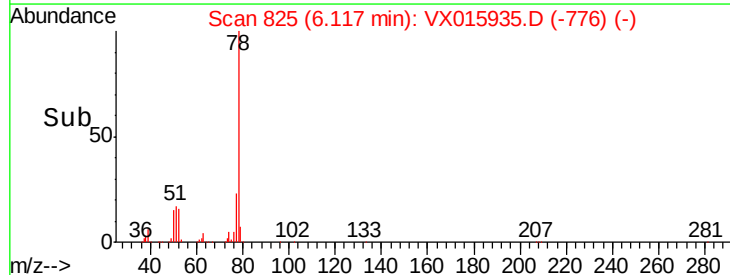
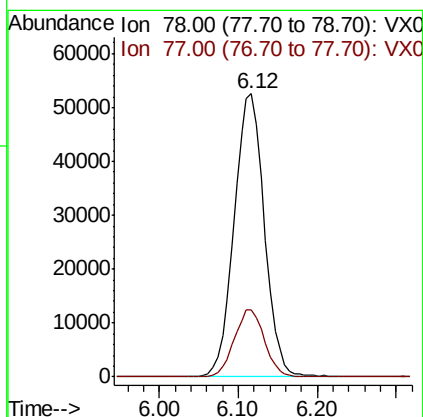
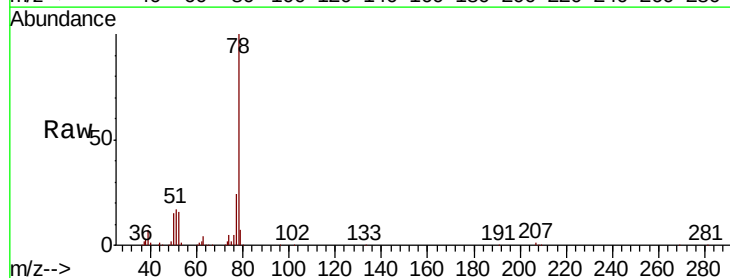
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

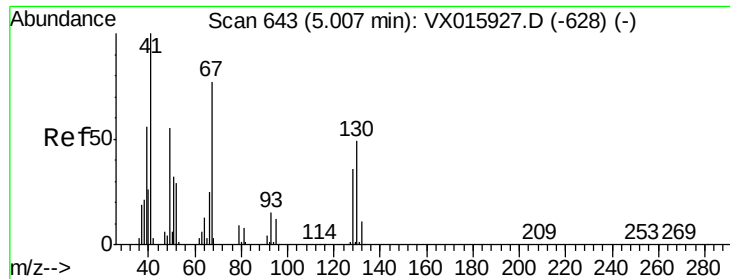
Tot Ion: 83 Resp: 58881
Ion Ratio Lower Upper
83 100
55 76.6 59.0 88.4
98 48.9 37.4 56.0



#40
Benzene
Concen: 18.340 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion: 78 Resp: 139865
Ion Ratio Lower Upper
78 100
77 23.8 19.8 29.8

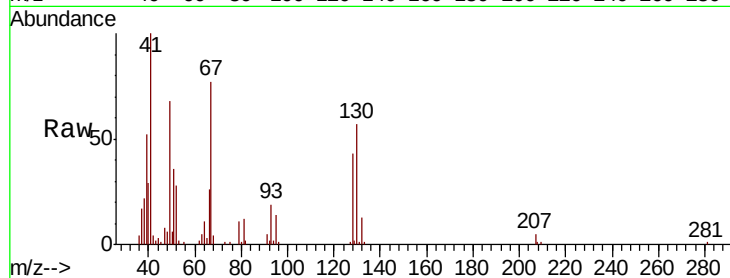




#41
Methacrylonitrile
Concen: 17.244 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion:	41	Resp:	25549
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.8	64.2
67	76.0	62.0	93.0
52	31.5	24.2	36.4



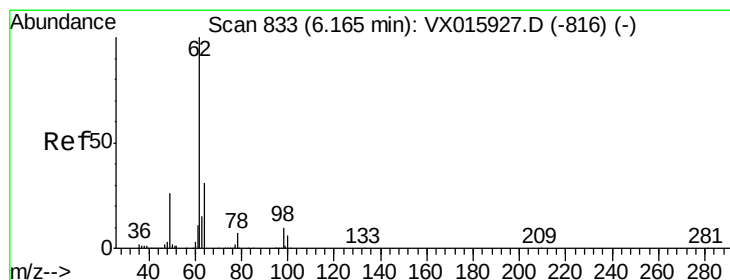
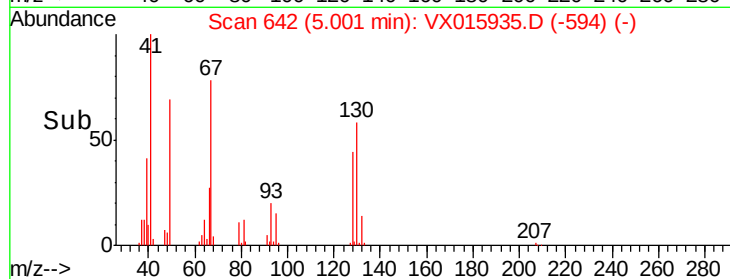
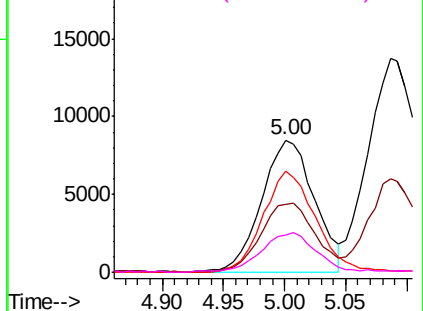
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

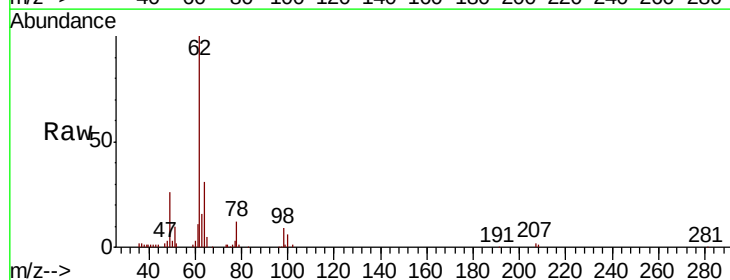
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.953 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

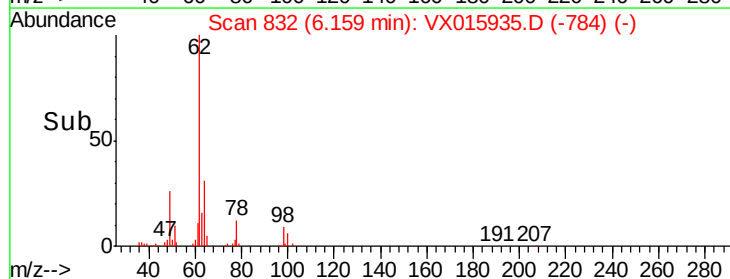
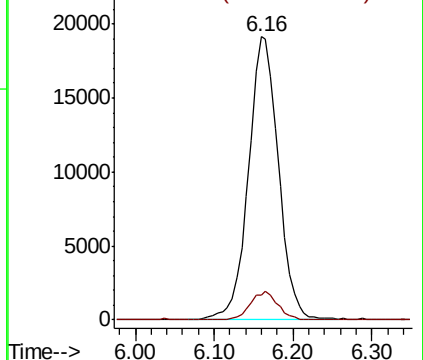
Tgt Ion:	62	Resp:	50581
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.0

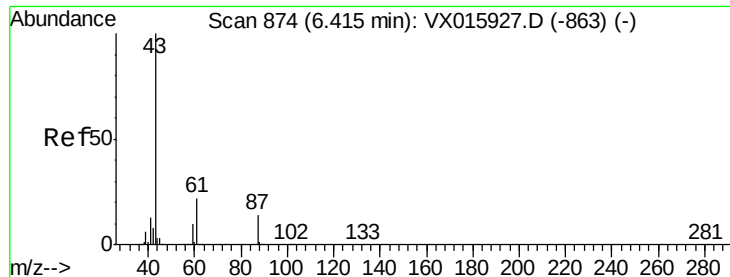


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



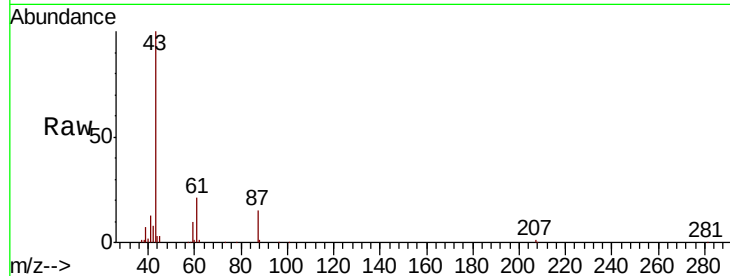


#43

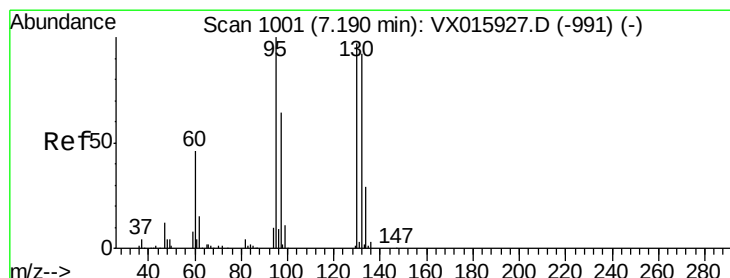
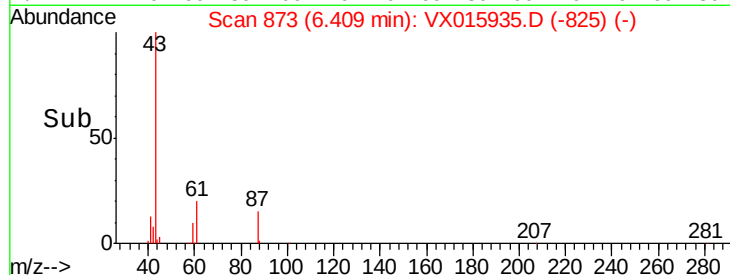
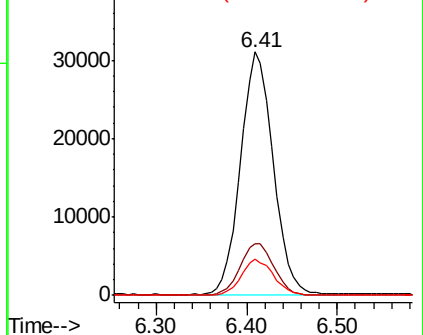
Isopropyl Acetate
 Concen: 17.974 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tot Ion: 43 Resp: 77186
 Ion Ratio Lower Upper
 43 100
 61 22.0 17.6 26.4
 87 14.6 11.6 17.4



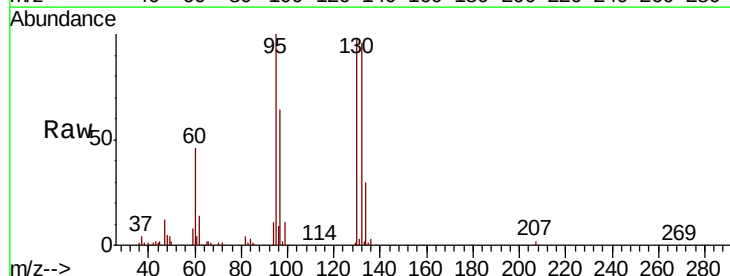
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



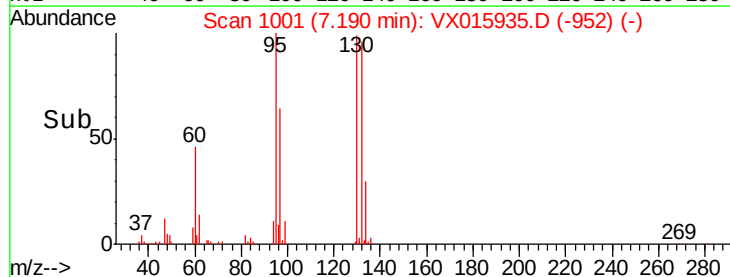
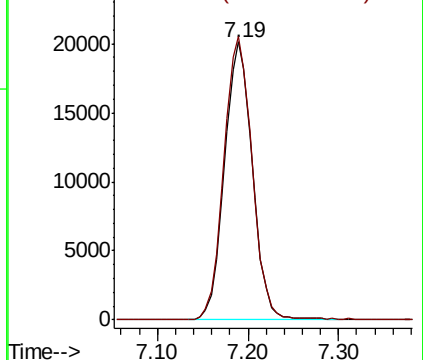
#44

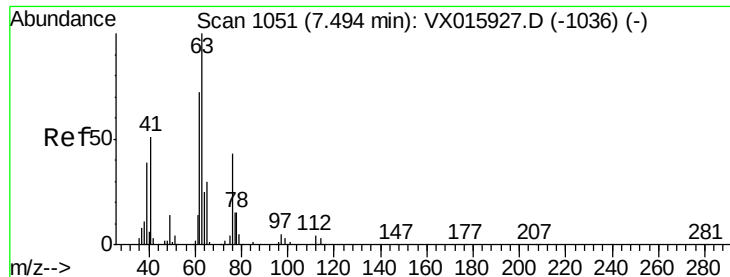
Trichloroethene
 Concen: 18.347 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion:130 Resp: 43069
 Ion Ratio Lower Upper
 130 100
 95 101.7 0.0 205.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.181 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

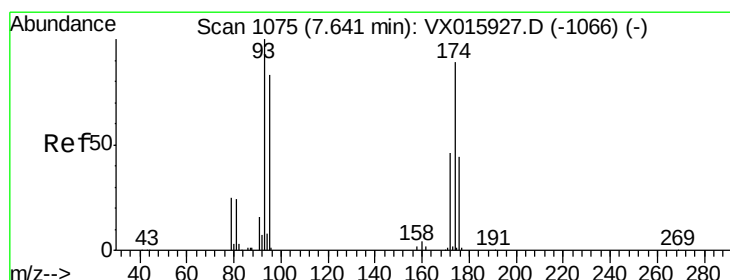
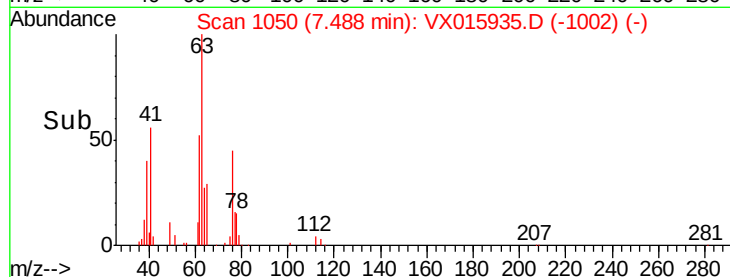
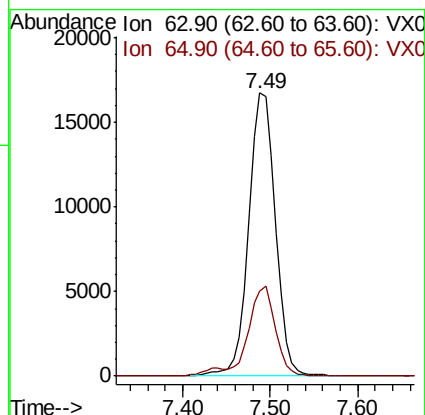
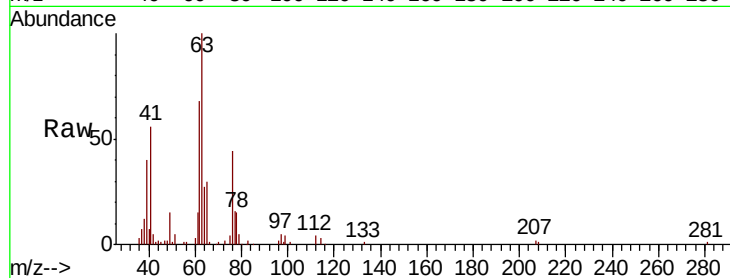
VX0424WBS01

Tot Ion: 63 Resp: 35478

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 18.092 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

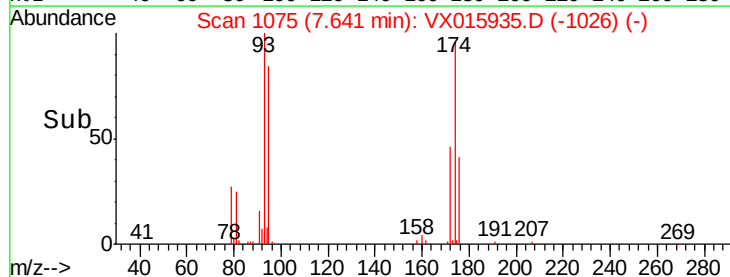
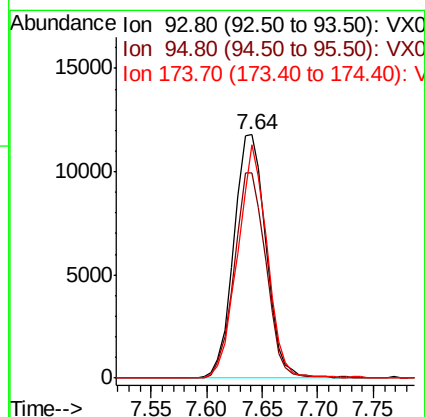
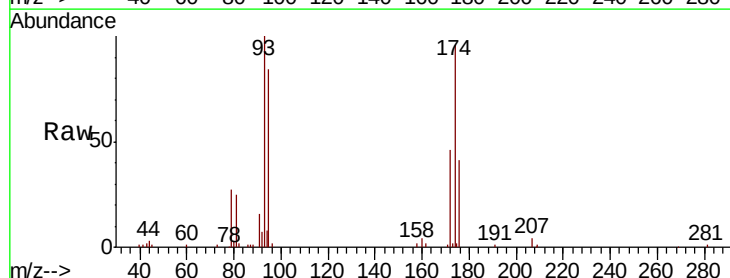
Tgt Ion: 93 Resp: 23577

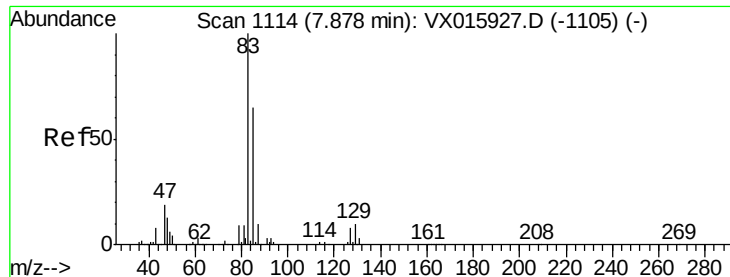
Ion Ratio Lower Upper

93 100

95 83.1 65.7 98.5

174 88.0 70.6 105.8





#47

Bromodichloromethane

Concen: 18.110 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

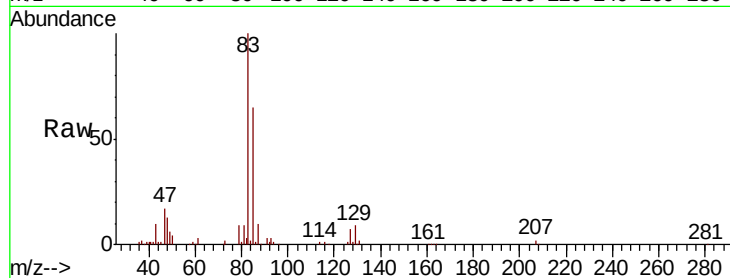
Tot Ion: 83 Resp: 48028

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4

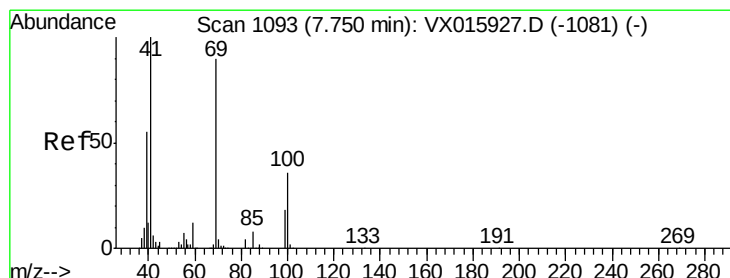
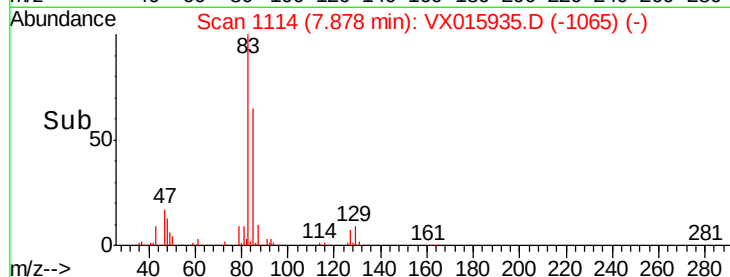
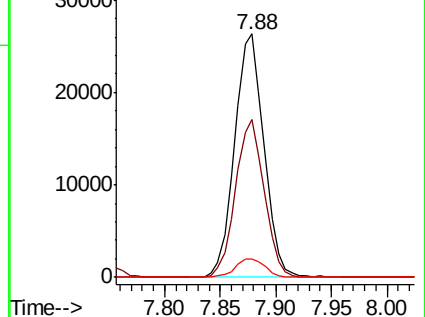
127 7.5 6.7 10.1



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: 17.779 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

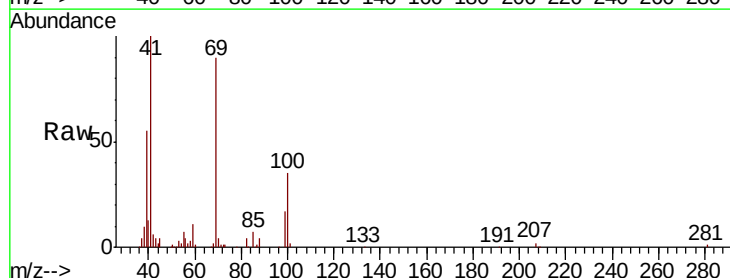
Tgt Ion: 41 Resp: 37543

Ion Ratio Lower Upper

41 100

69 87.6 72.0 108.0

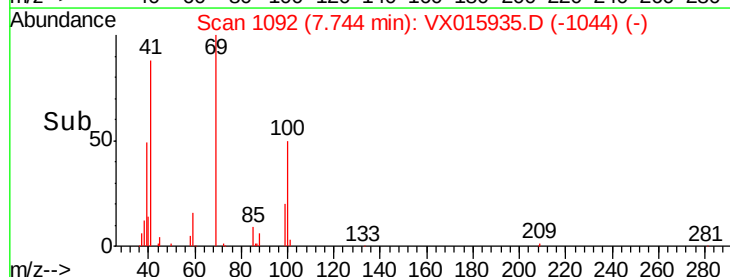
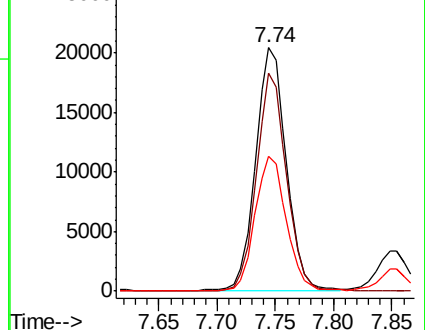
39 56.6 44.1 66.1

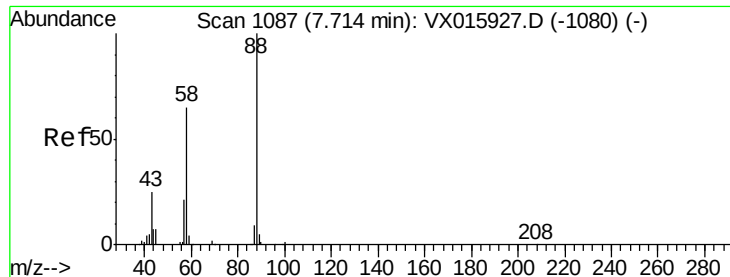


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 342.084 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

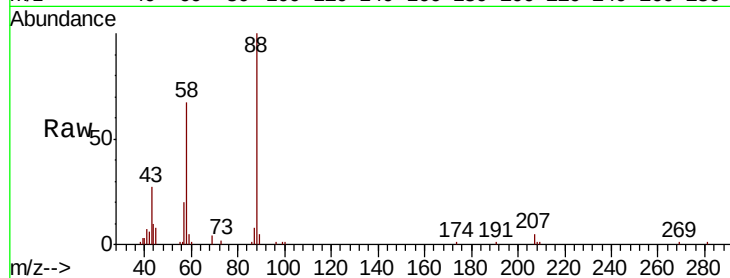
Tot Ion: 88 Resp: 16066

Ion Ratio Lower Upper

88 100

43 32.5 23.8 35.8

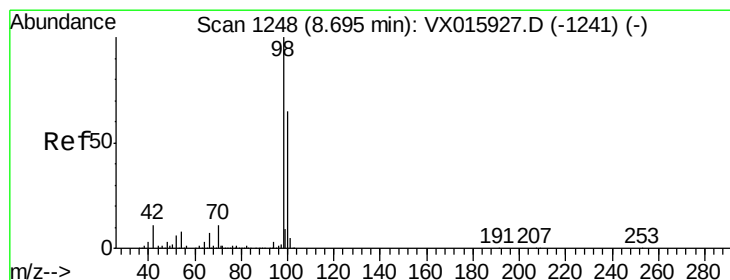
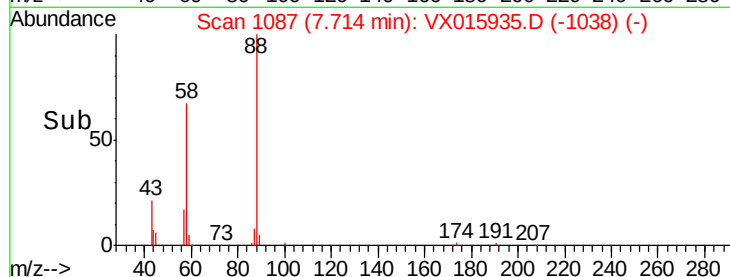
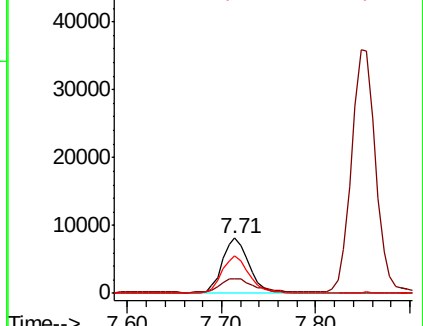
58 68.6 55.7 83.5



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: 49.948 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX015935.D

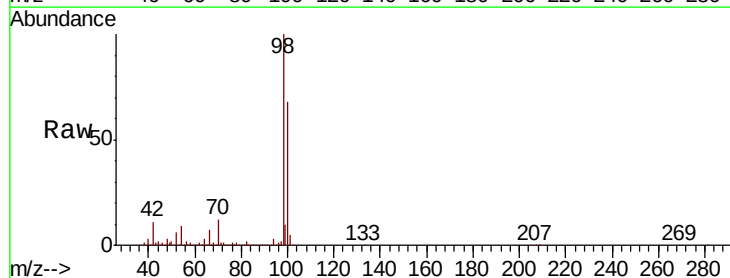
Acq: 24 Apr 2020 17:05

Tgt Ion: 98 Resp: 314897

Ion Ratio Lower Upper

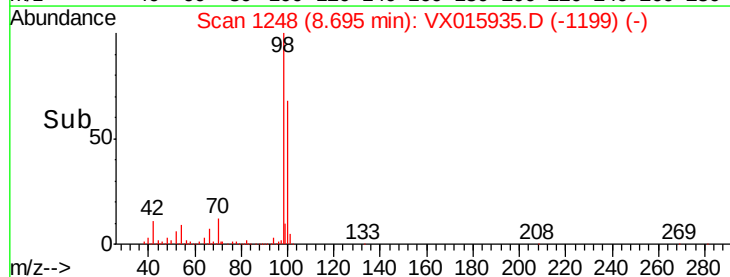
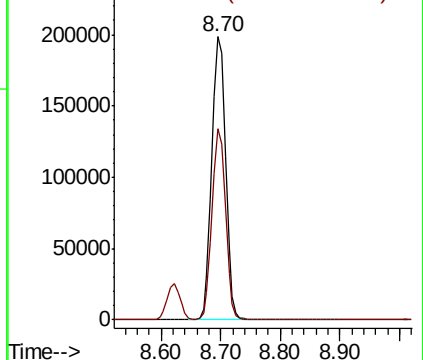
98 100

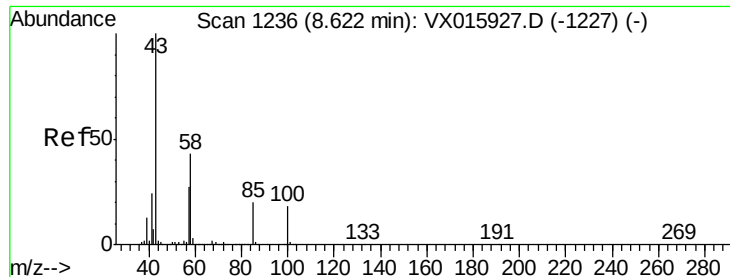
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

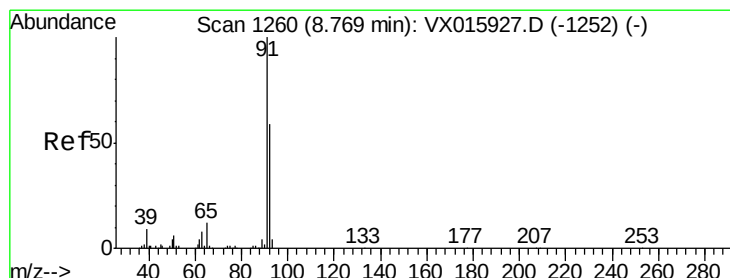
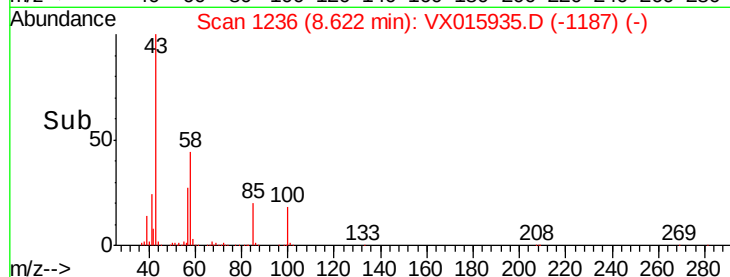
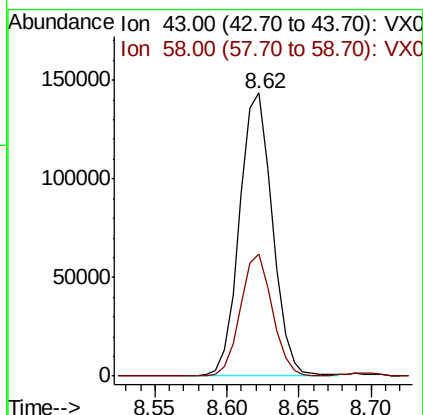
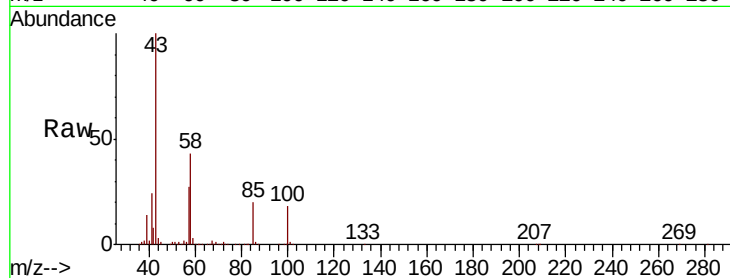




#51
 4-Methyl-2-Pentanone
 Concen: 90.281 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

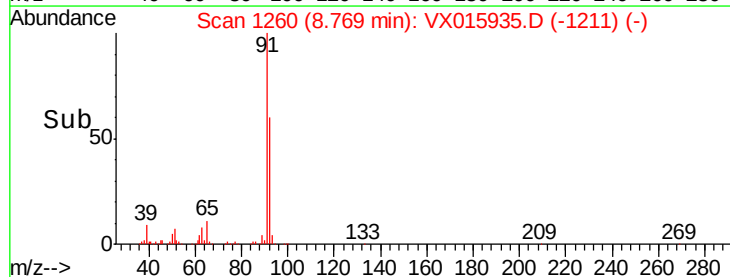
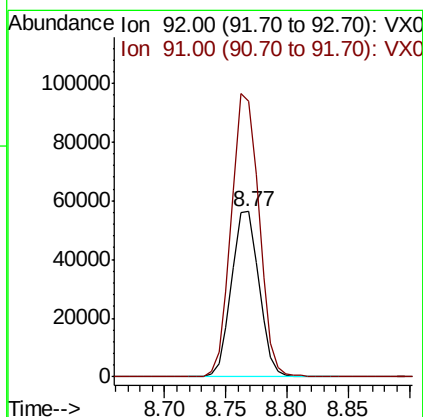
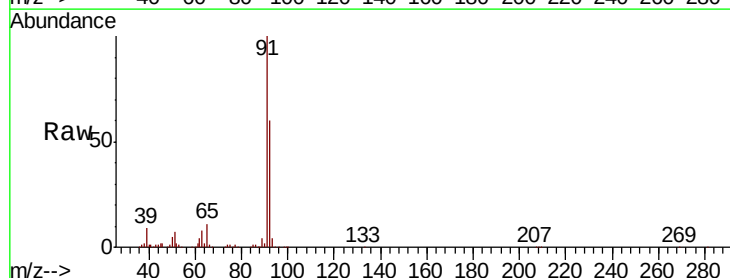
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

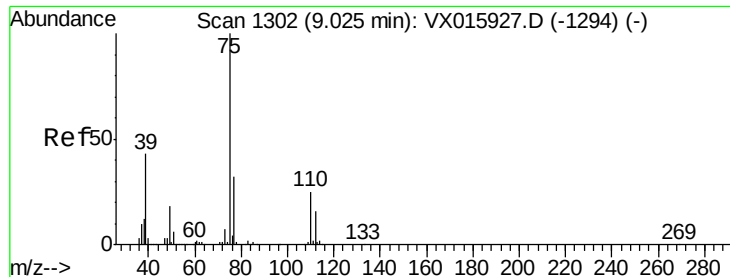
Tot Ion: 43 Resp: 227286
 Ion Ratio Lower Upper
 43 100
 58 42.1 34.2 51.4



#52
 Toluene
 Concen: 18.254 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 92 Resp: 88309
 Ion Ratio Lower Upper
 92 100
 91 171.6 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 17.916 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

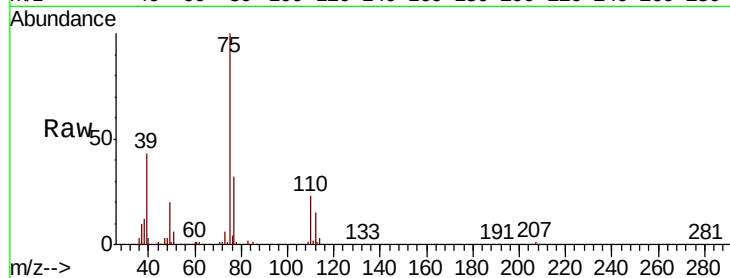
VX0424WBS01

Tot Ion: 75 Resp: 57293

Ion Ratio Lower Upper

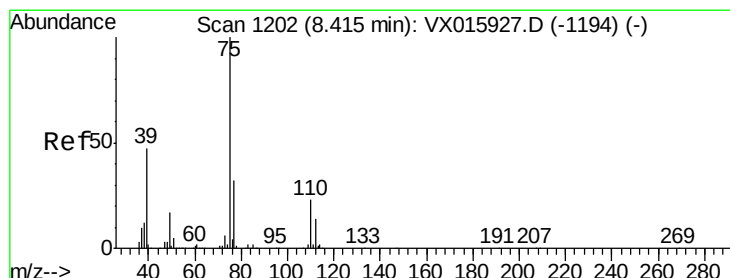
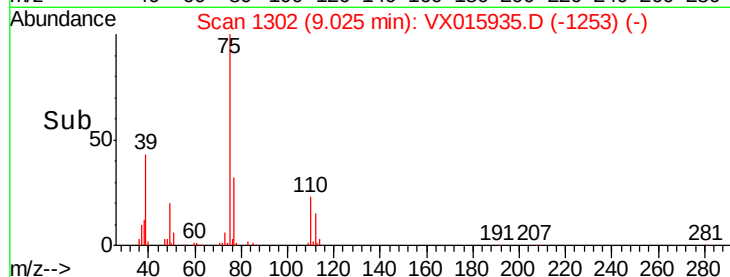
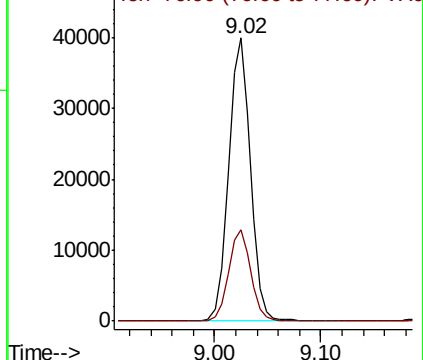
75 100

77 32.3 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.362 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

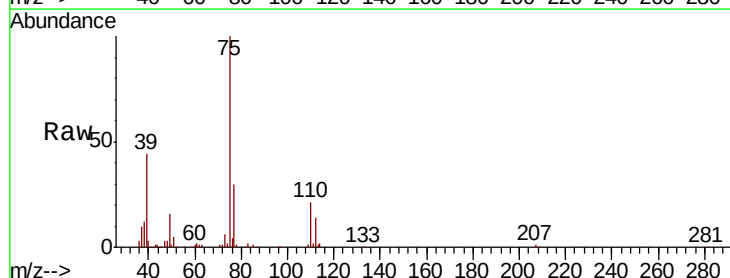
Tgt Ion: 75 Resp: 61425

Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

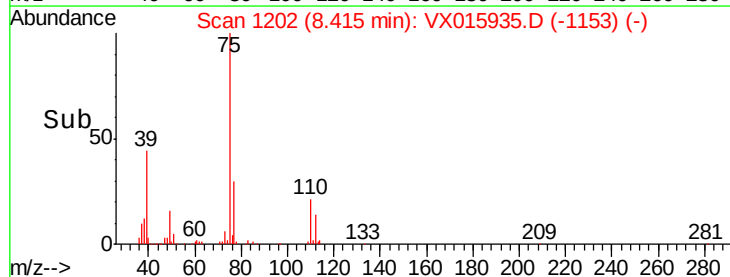
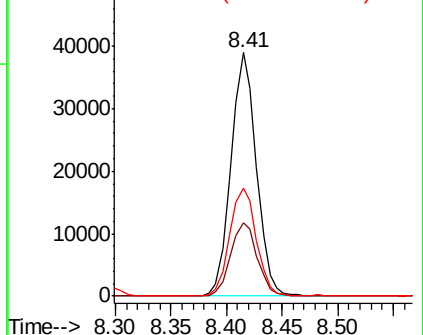
39 44.2 37.2 55.8

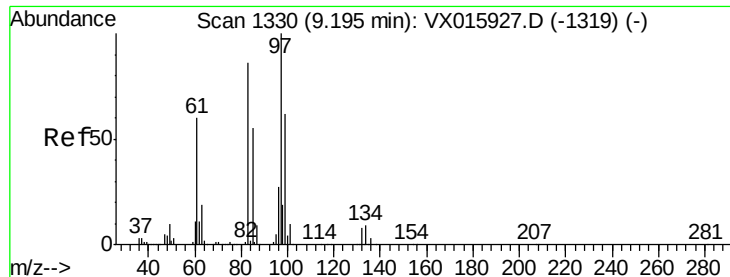


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

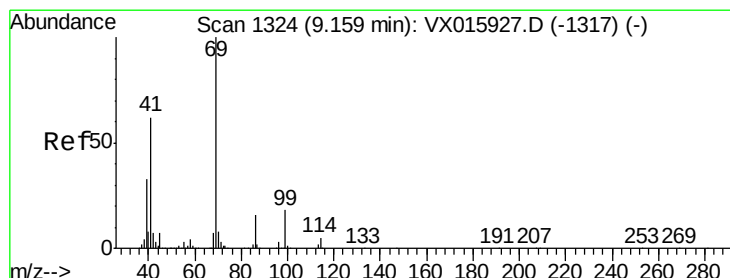
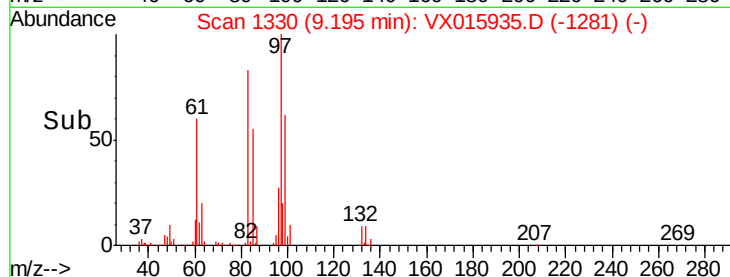
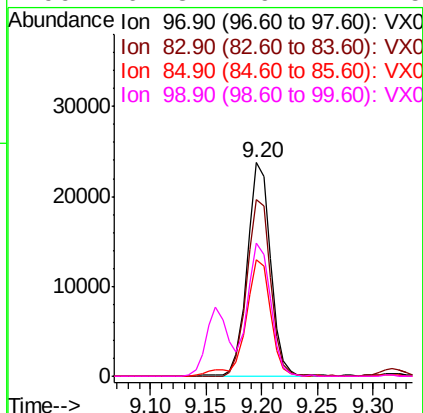
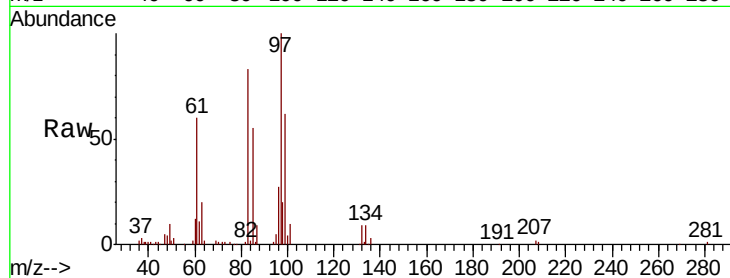




#55
 1,1,2-Trichloroethane
 Concen: 17.953 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

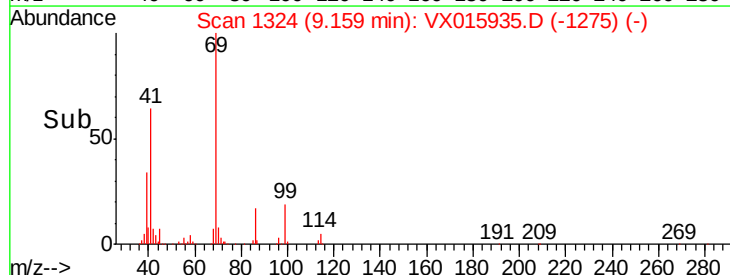
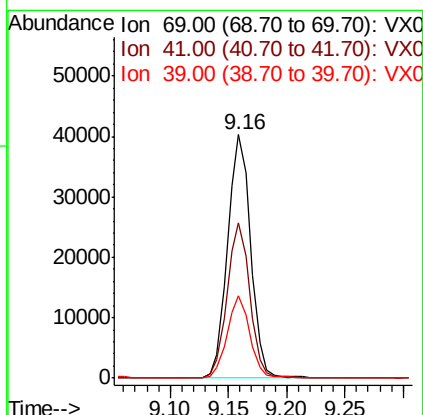
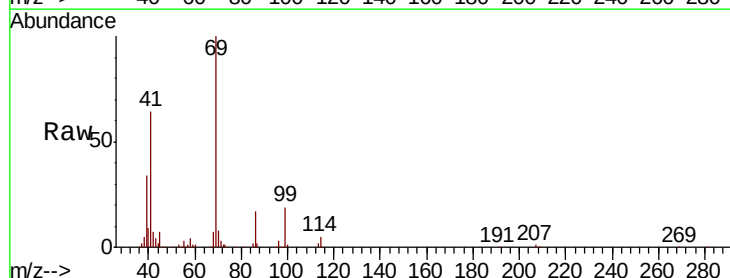
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

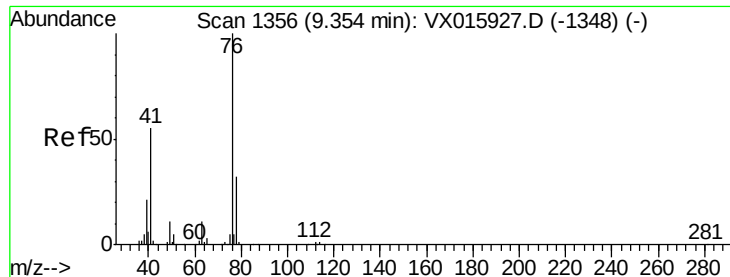
Tot Ion:	97	Resp:	34687
Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.6	103.0
85	54.8	44.0	66.0
99	62.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 17.874 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion:	69	Resp:	55635
Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.2	73.8
39	34.2	26.0	39.0

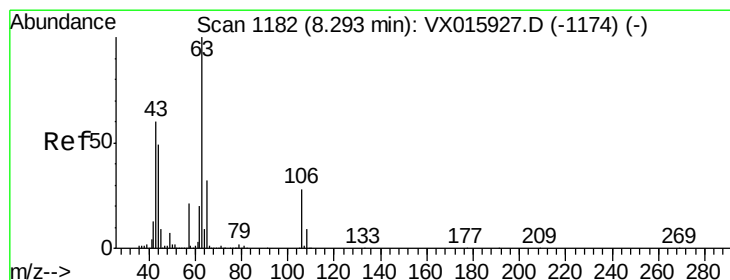
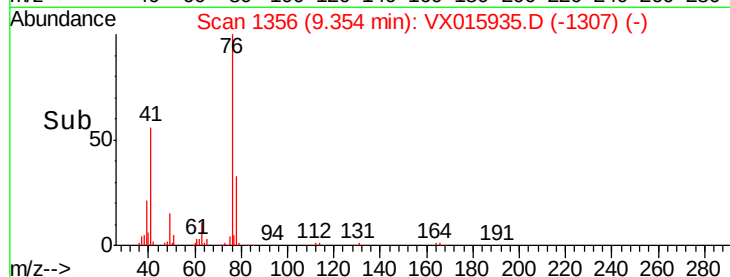
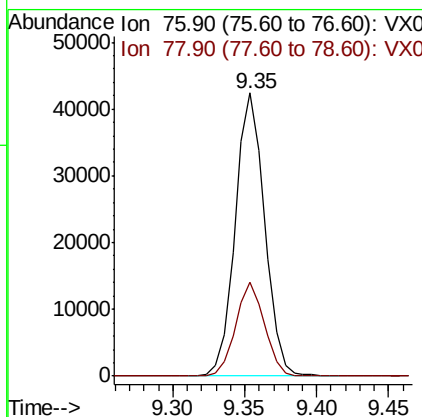
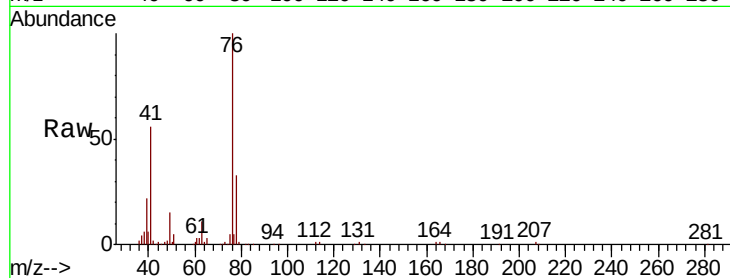




#57
 1,3-Dichloropropane
 Concen: 18.238 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

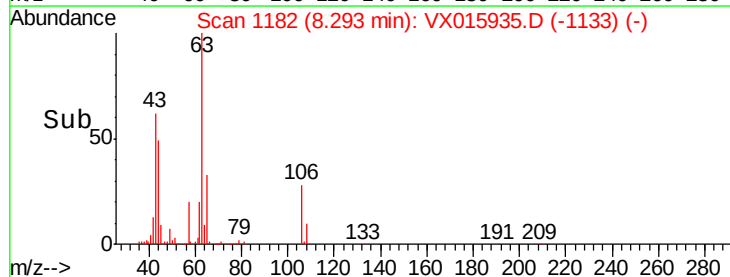
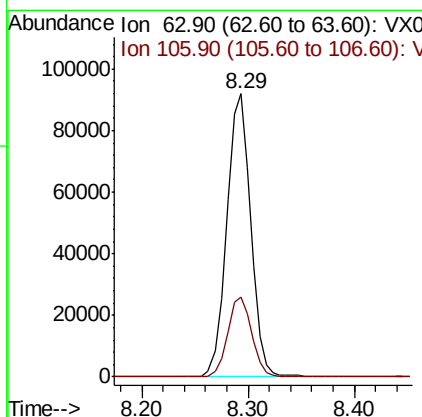
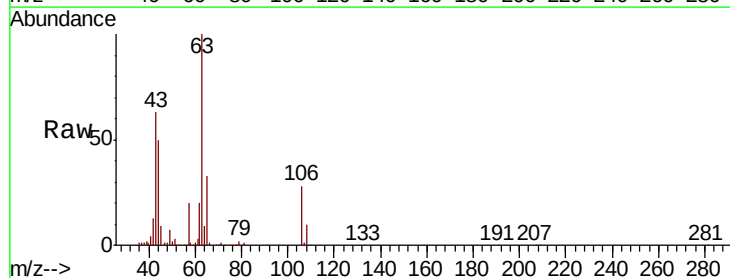
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

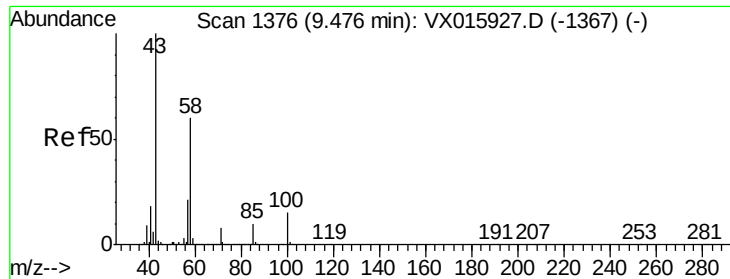
Tot Ion: 76 Resp: 60287
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.242 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 63 Resp: 144950
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6

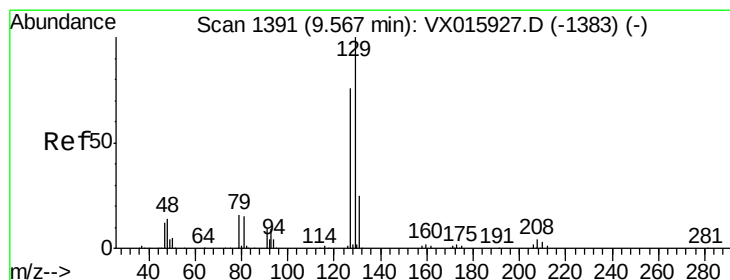
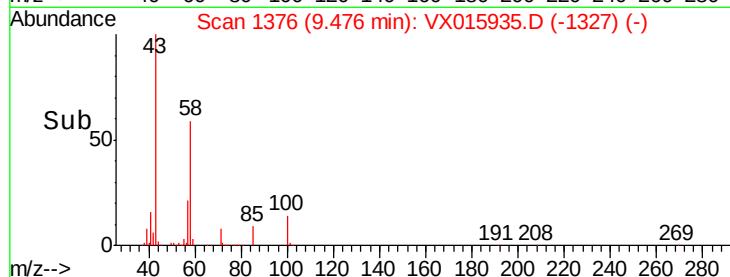
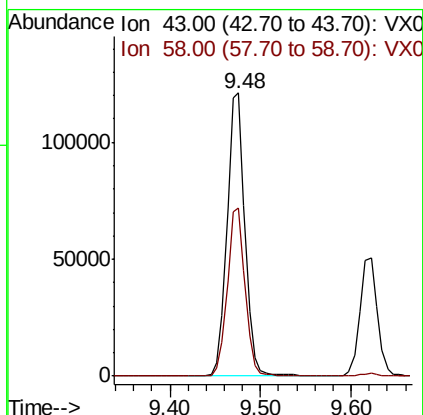
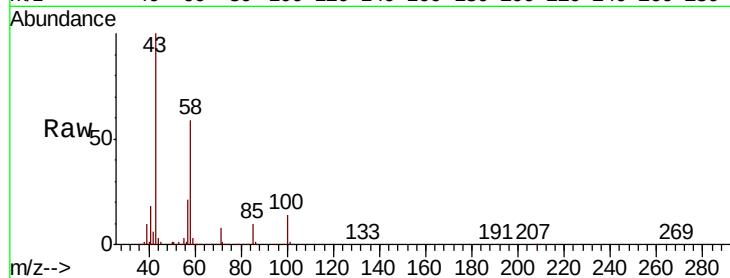




#59
2-Hexanone
Concen: 88.135 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

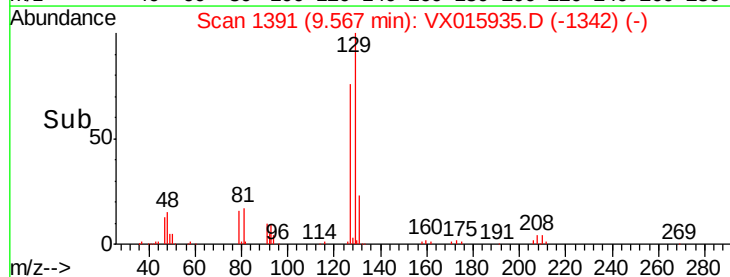
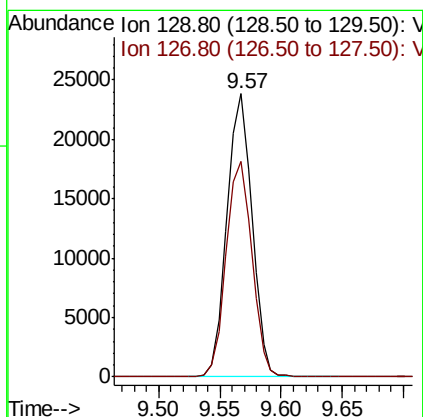
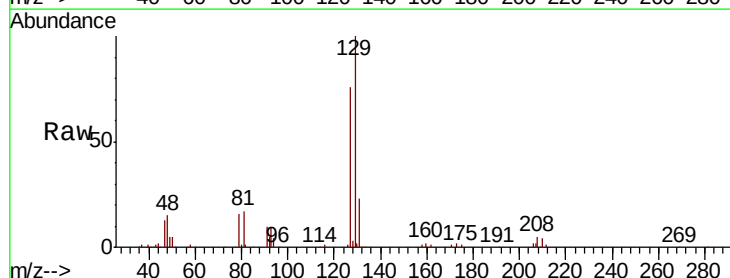
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

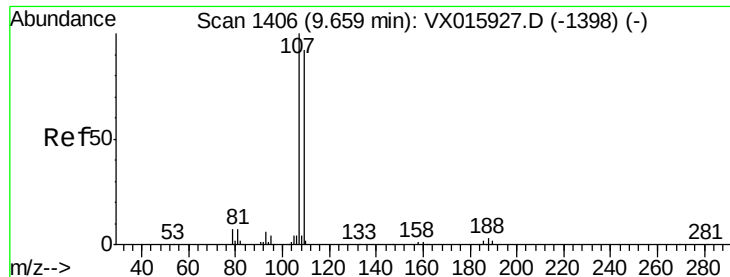
Tot Ion: 43 Resp: 168481
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1



#60
Dibromochloromethane
Concen: 17.691 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion: 129 Resp: 33944
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.143 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

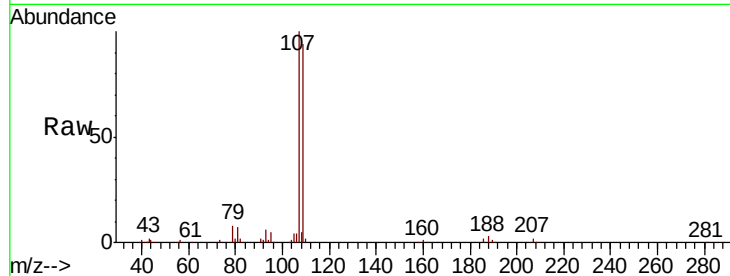
VX0424WBS01

Tot Ion:107 Resp: 36258

Ion Ratio Lower Upper

107 100

109 94.0 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

25000

20000

15000

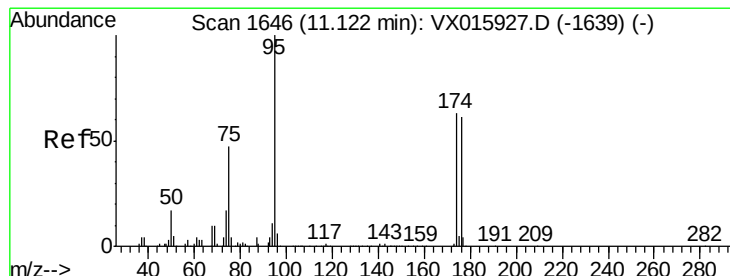
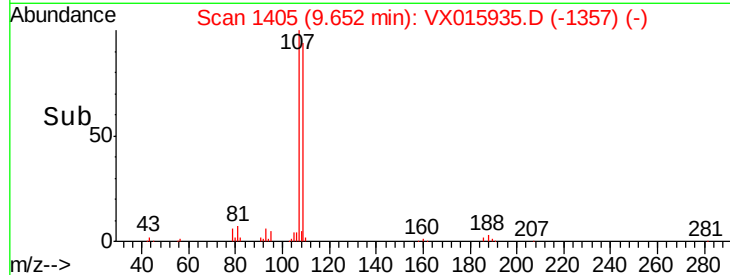
10000

5000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 48.132 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

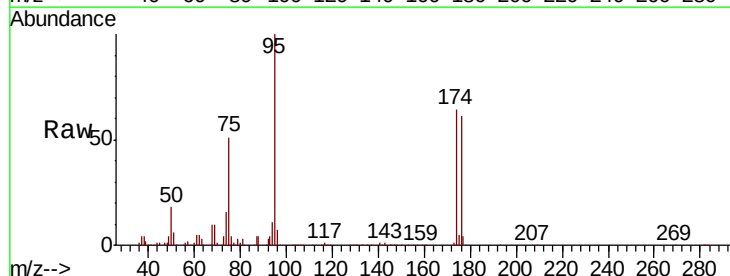
Tgt Ion: 95 Resp: 123080

Ion Ratio Lower Upper

95 100

174 66.3 0.0 133.6

176 63.0 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

11.12

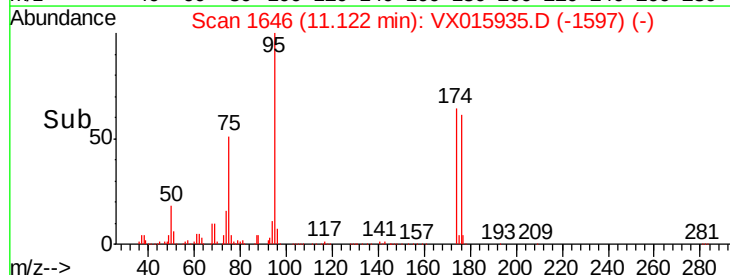
100000

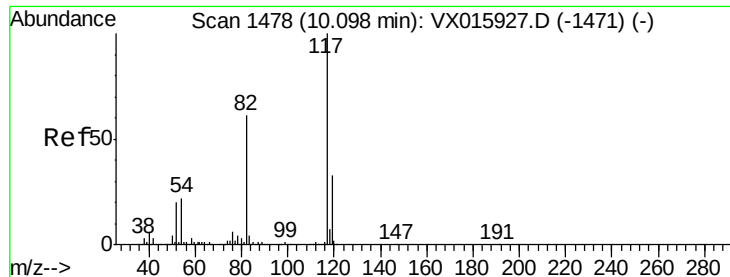
50000

0

11.10 11.20

Time-->

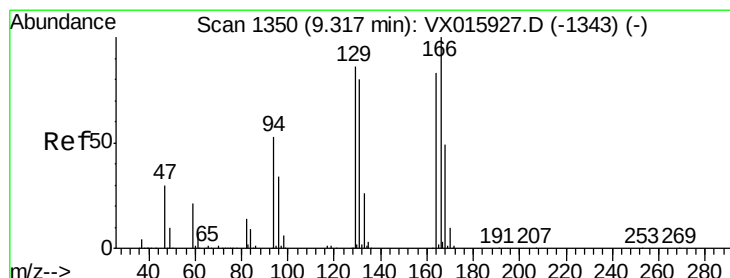
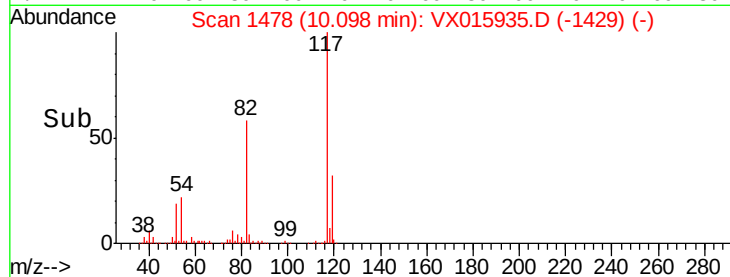
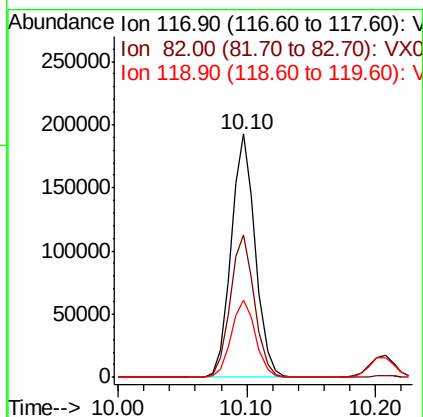
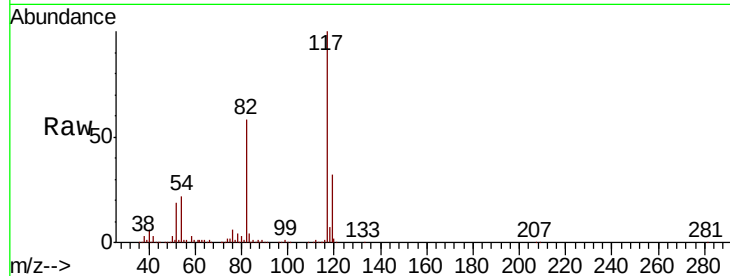




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

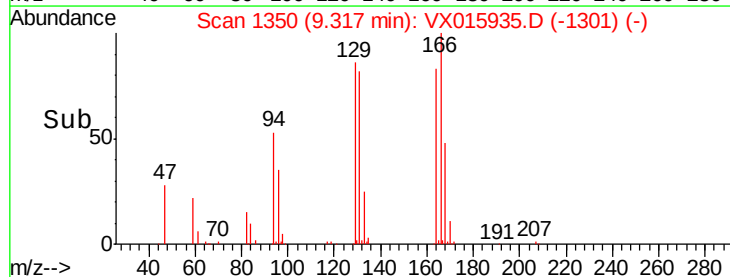
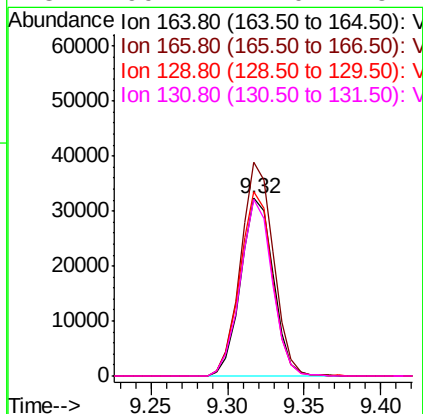
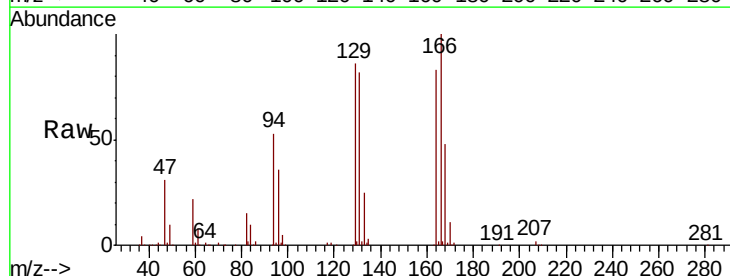
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

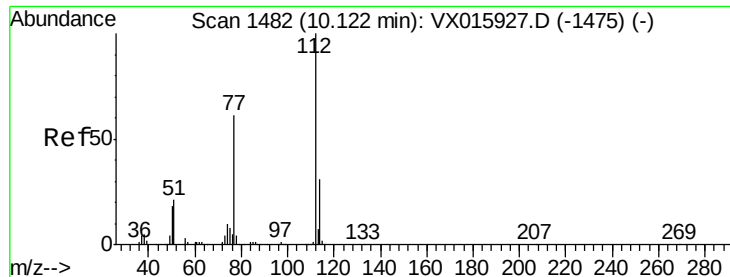
Tot Ion:117 Resp: 251628
Ion Ratio Lower Upper
117 100
82 58.4 48.5 72.7
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 18.986 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion:164 Resp: 47539
Ion Ratio Lower Upper
164 100
166 120.3 96.7 145.1
129 103.9 82.8 124.2
131 99.2 77.0 115.4

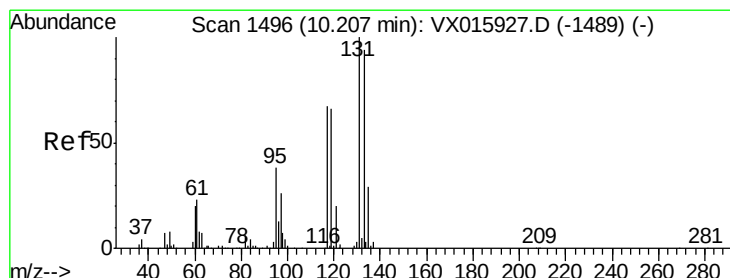
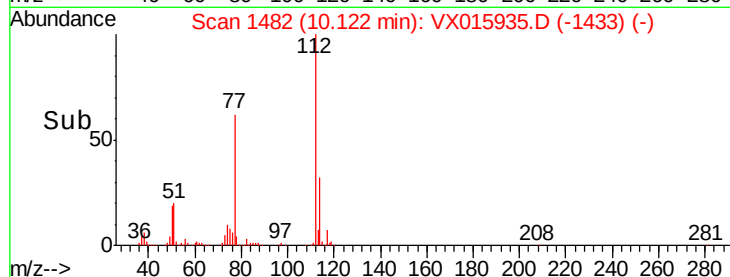
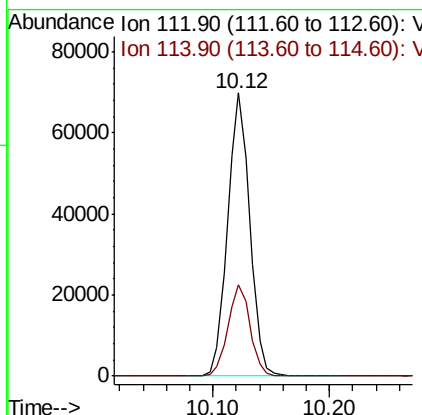
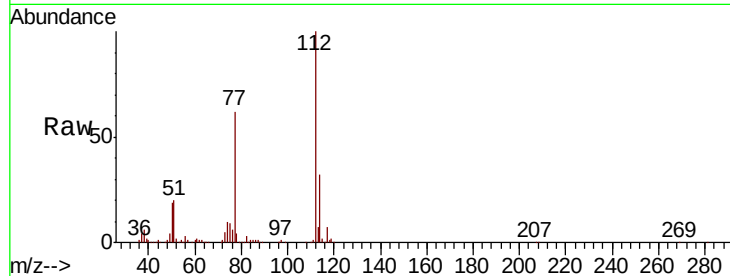




#65
Chlorobenzene
Concen: 18.479 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

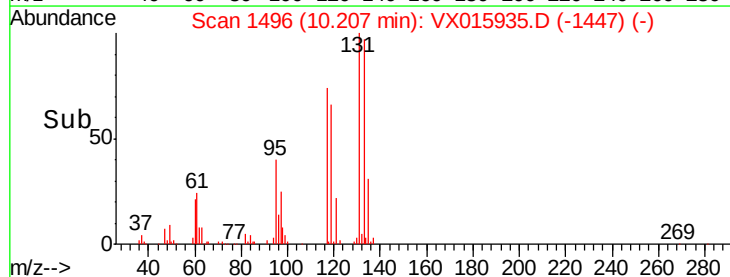
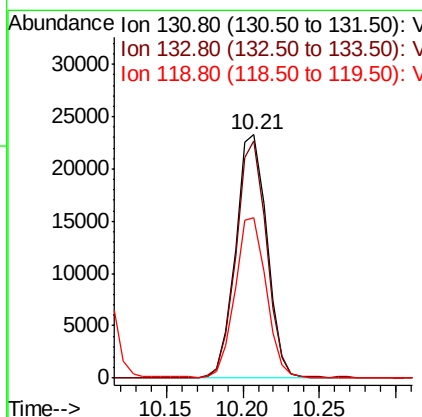
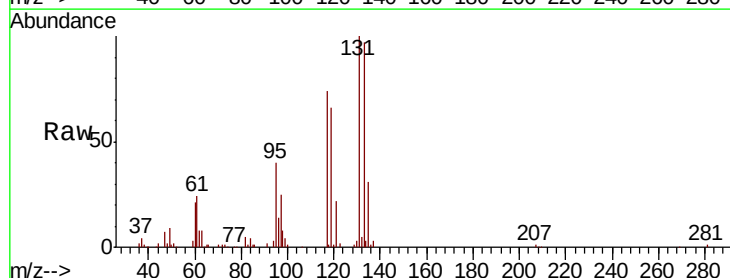
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

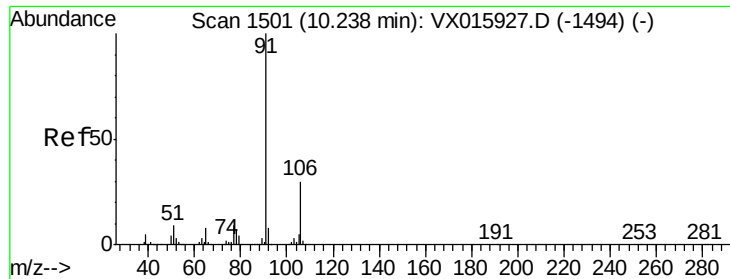
Tot Ion:112 Resp: 92316
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.686 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion:131 Resp: 33079
Ion Ratio Lower Upper
131 100
133 95.7 46.7 140.0
119 65.2 33.7 101.0





#67

Ethyl Benzene

Concen: 18.690 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

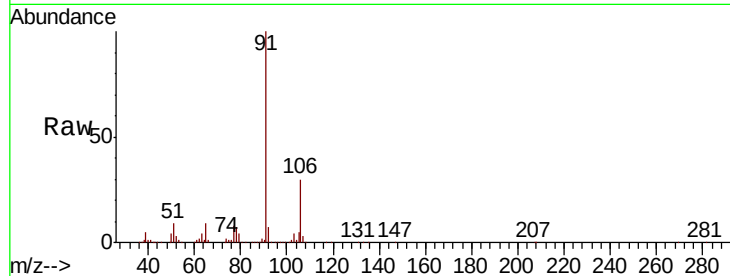
VX0424WBS01

Tot Ion: 91 Resp: 172148

Ion Ratio Lower Upper

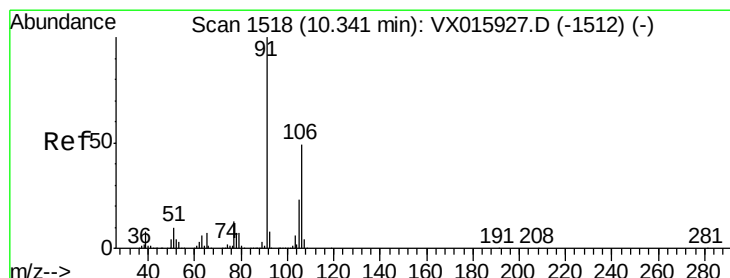
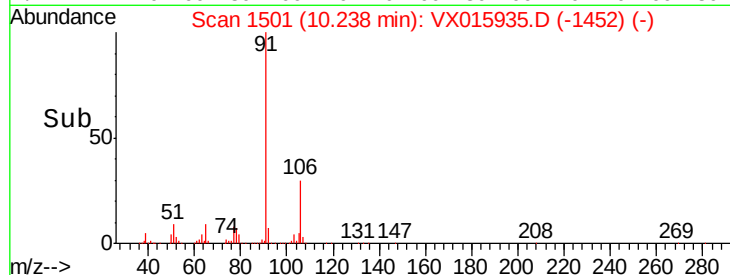
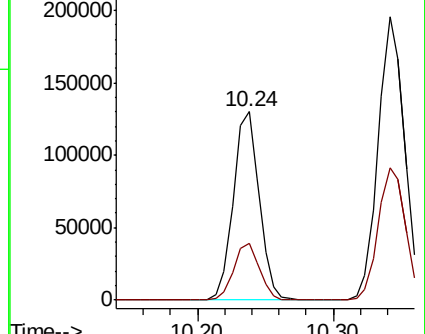
91 100

106 29.9 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.652 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX015935.D

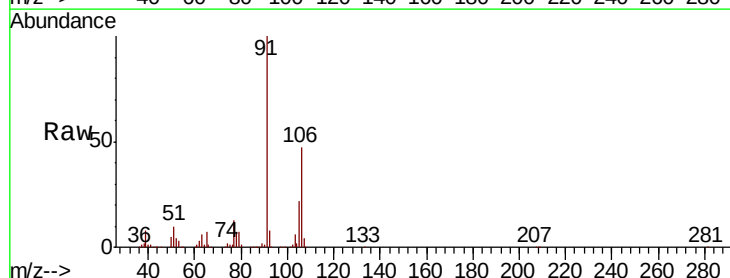
Acq: 24 Apr 2020 17:05

Tgt Ion: 106 Resp: 127006

Ion Ratio Lower Upper

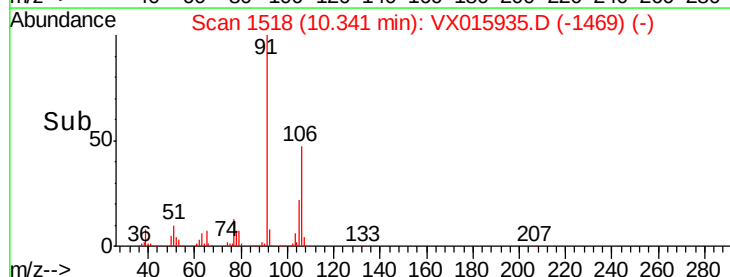
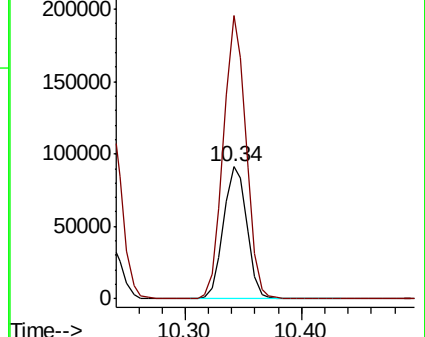
106 100

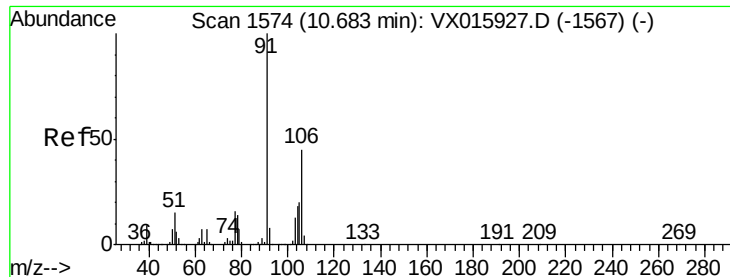
91 206.3 164.9 247.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

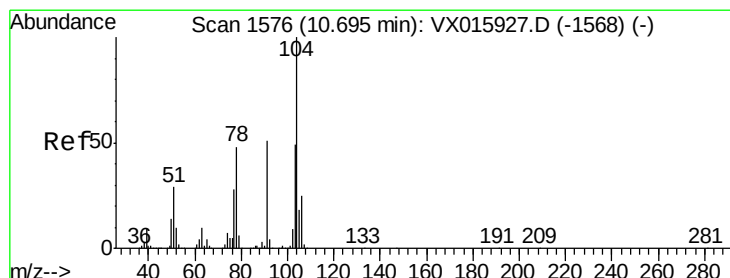
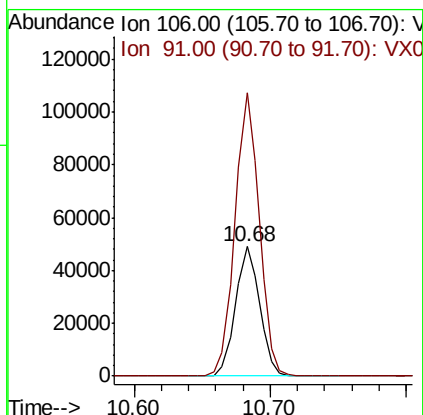
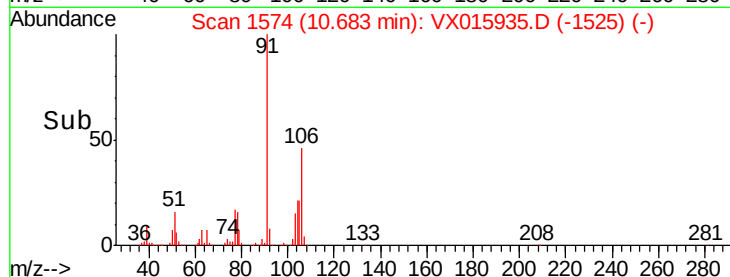
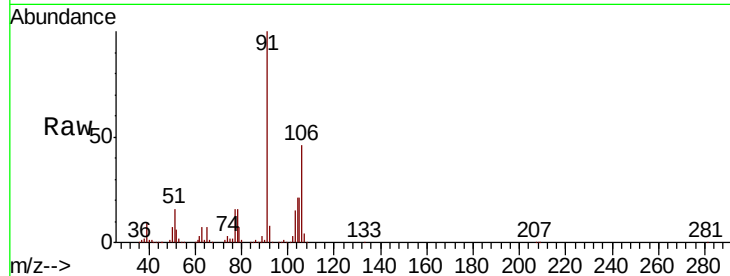




#69
o-Xylene
Concen: 18.515 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

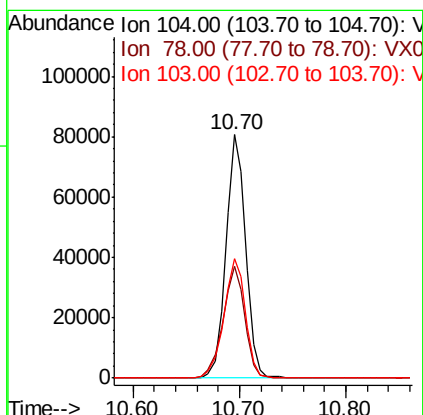
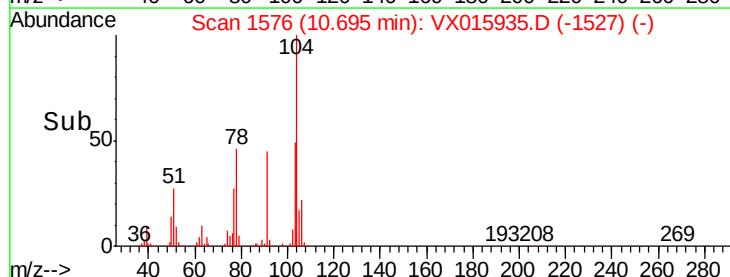
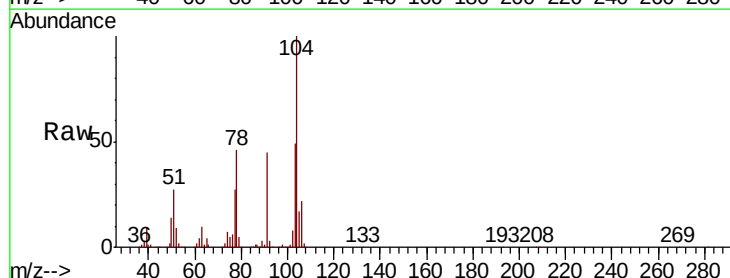
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

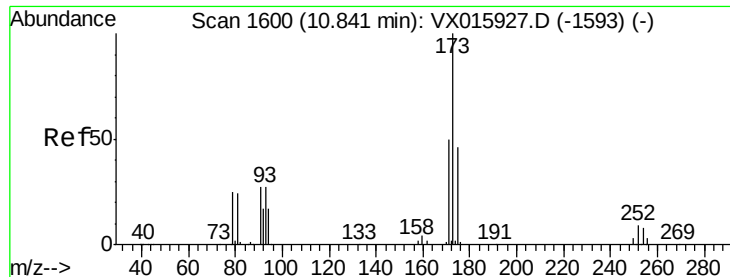
Tot Ion:106 Resp: 60944
Ion Ratio Lower Upper
106 100
91 218.2 108.6 325.8



#70
Styrene
Concen: 18.359 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015935.D
Acq: 24 Apr 2020 17:05

Tgt Ion:104 Resp: 104227
Ion Ratio Lower Upper
104 100
78 50.8 40.5 60.7
103 53.8 42.7 64.1





#71

Bromoform

Concen: 17.432 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

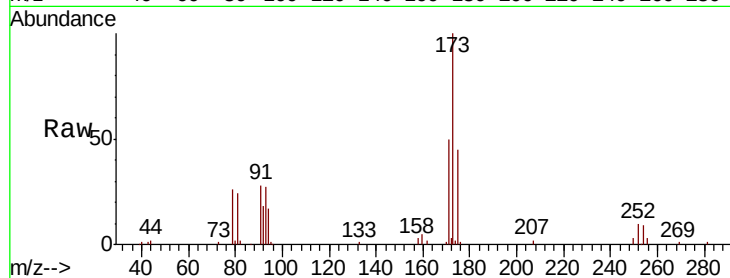
Tot Ion:173 Resp: 21297

Ion Ratio Lower Upper

173 100

175 47.1 23.2 69.5

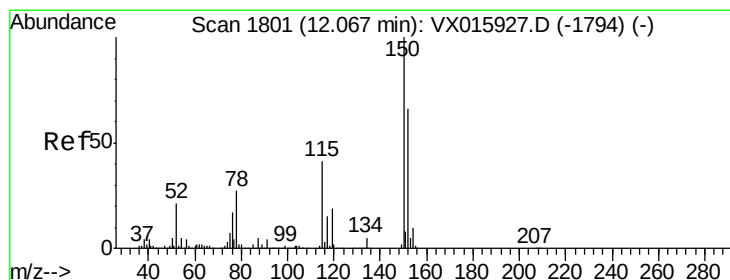
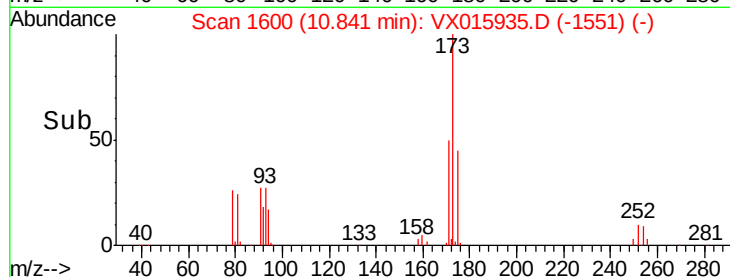
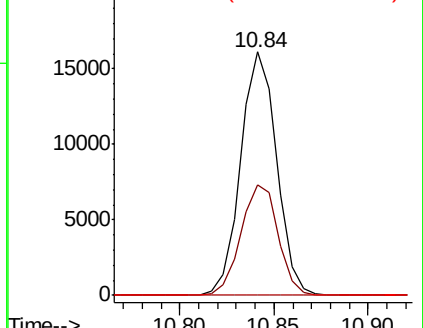
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

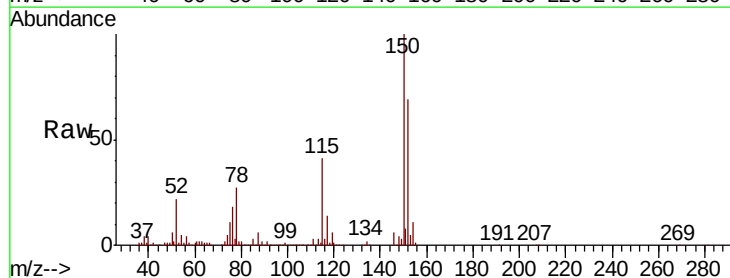
Tgt Ion:152 Resp: 121738

Ion Ratio Lower Upper

152 100

115 72.0 44.1 132.4

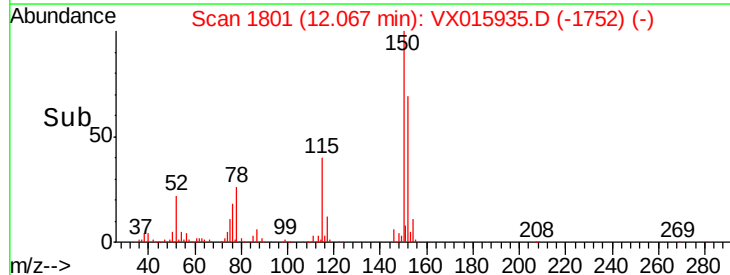
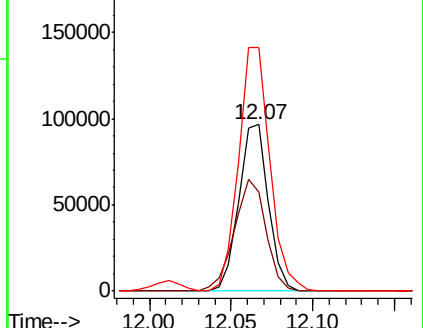
150 156.1 0.0 343.6

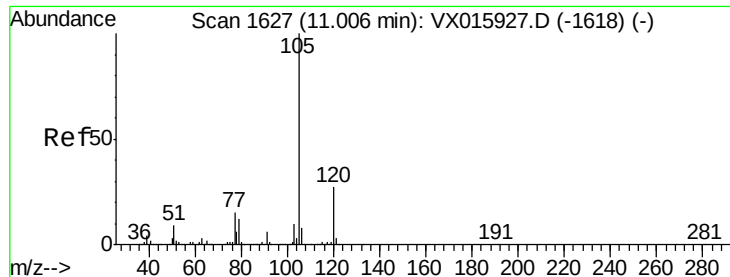


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.311 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

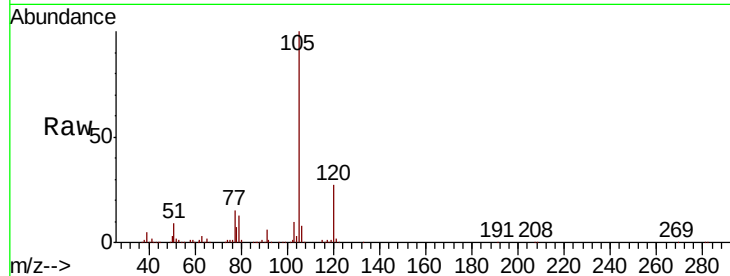
VX0424WBS01

Tot Ion:105 Resp: 165687

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

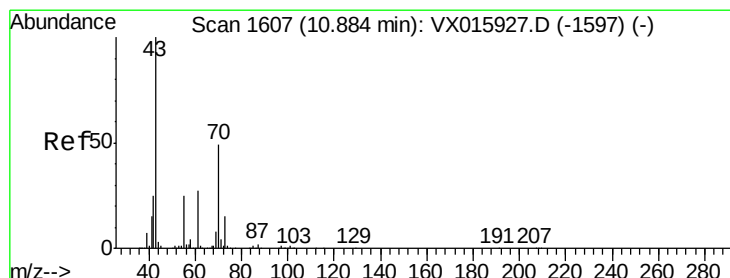
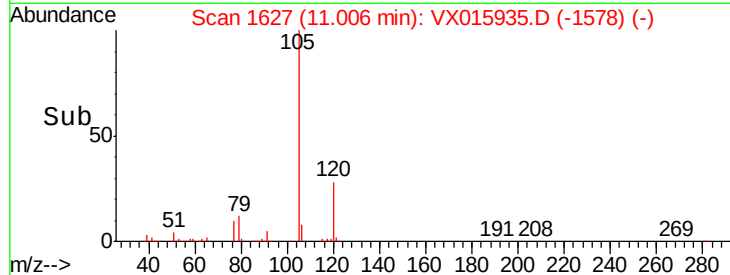
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.885 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Tgt Ion: 43 Resp: 70286

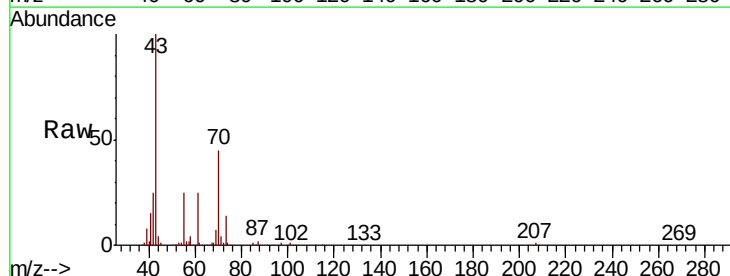
Ion Ratio Lower Upper

43 100

70 46.2 37.8 56.6

55 25.1 20.2 30.2

61 26.4 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

80000

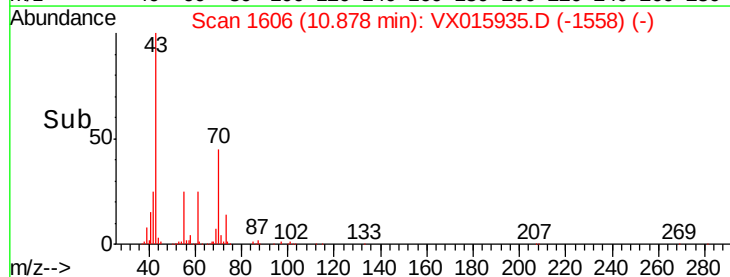
60000

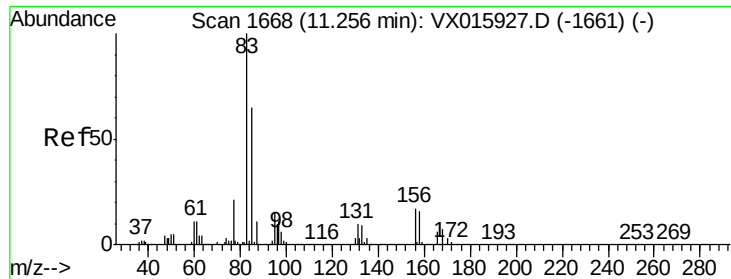
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.470 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

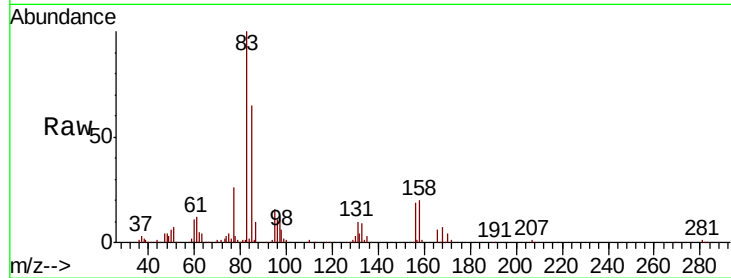
Tot Ion: 83 Resp: 35723

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

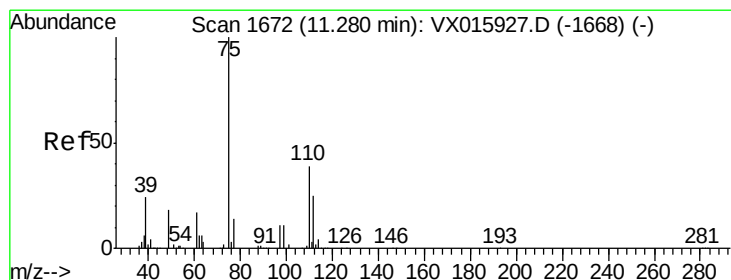
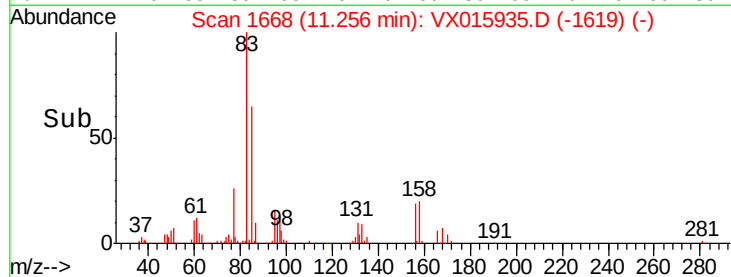
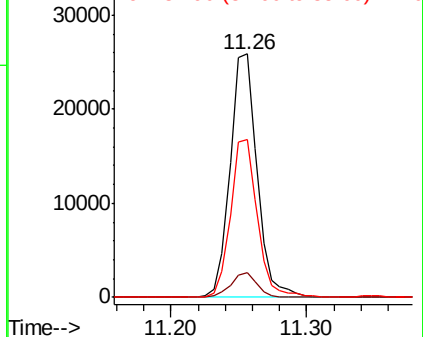
85 64.7 32.1 96.3



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: 24.552 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX015935.D

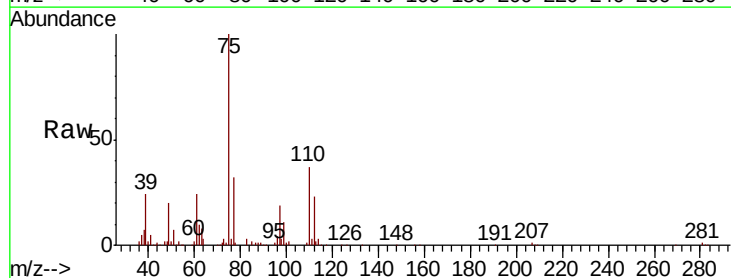
Acq: 24 Apr 2020 17:05

Tgt Ion: 75 Resp: 64114

Ion Ratio Lower Upper

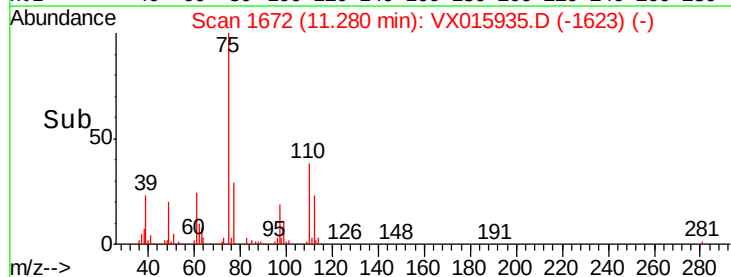
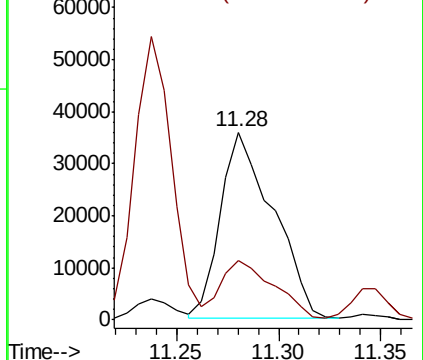
75 100

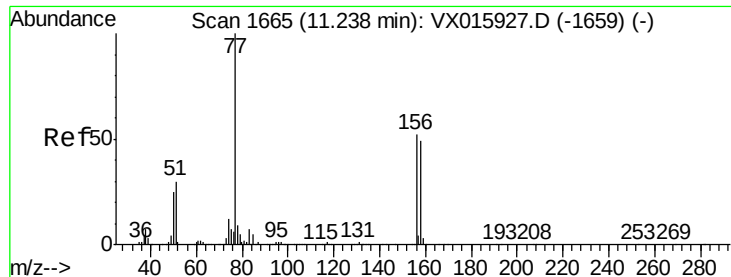
77 32.1 22.1 66.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.683 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

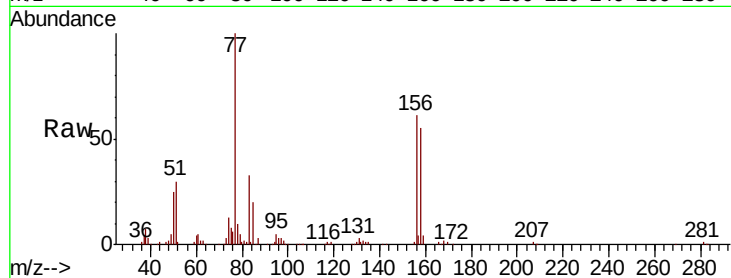
Tot Ion:156 Resp: 36343

Ion Ratio Lower Upper

156 100

77 190.6 94.0 281.9

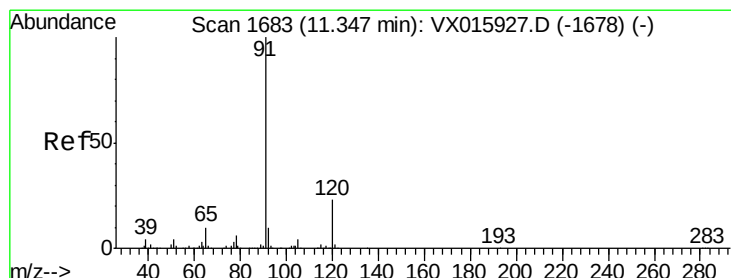
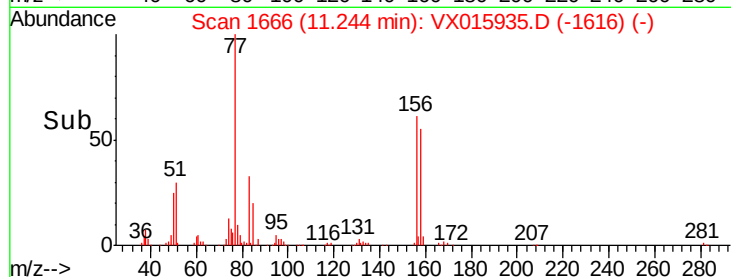
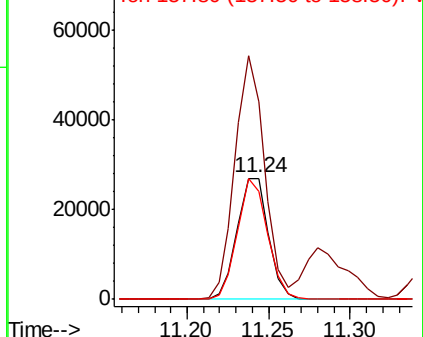
158 95.8 48.6 145.9



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: 17.967 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX015935.D

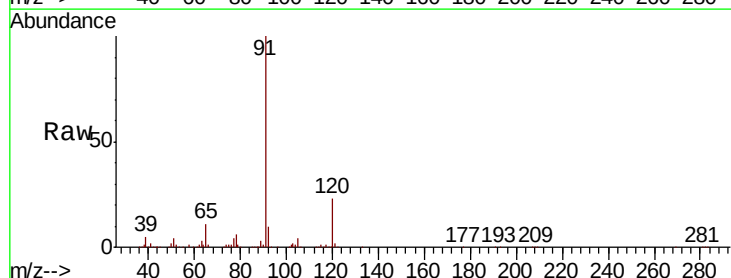
Acq: 24 Apr 2020 17:05

Tgt Ion: 91 Resp: 191947

Ion Ratio Lower Upper

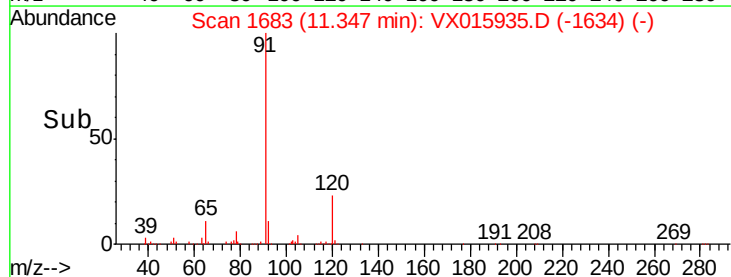
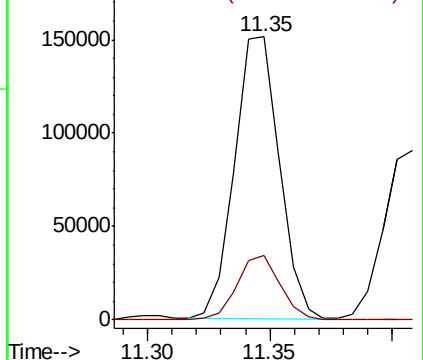
91 100

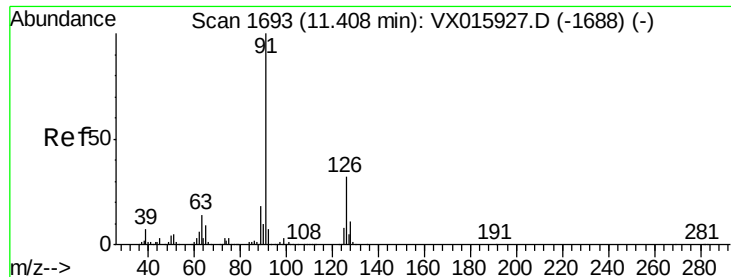
120 22.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.275 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

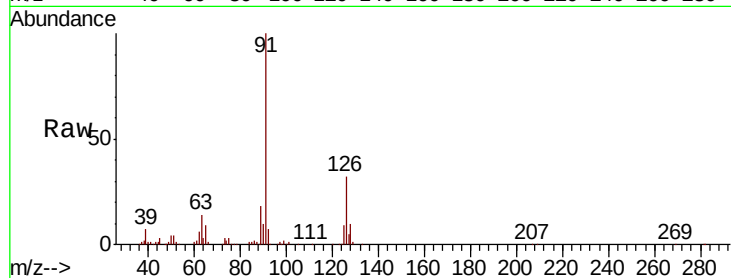
VX0424WBS01

Tot Ion: 91 Resp: 115089

Ion Ratio Lower Upper

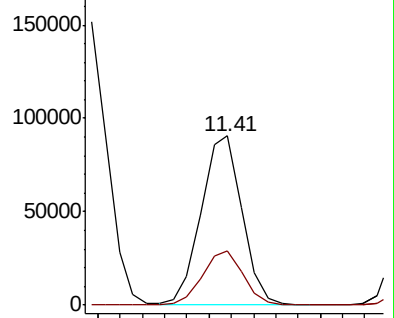
91 100

126 32.3 15.8 47.3

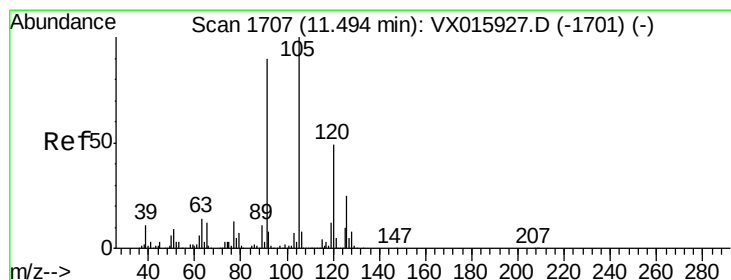
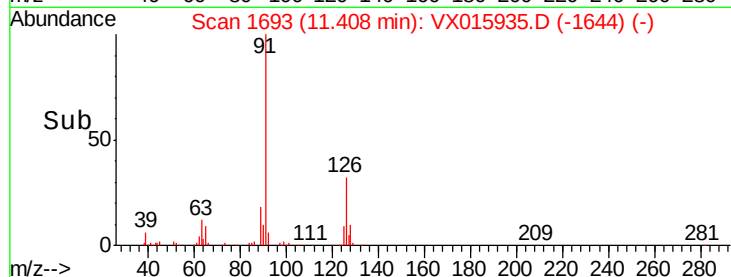


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.201 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015935.D

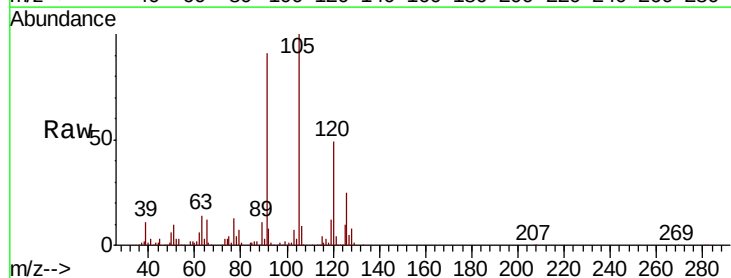
Acq: 24 Apr 2020 17:05

Tgt Ion:105 Resp: 140006

Ion Ratio Lower Upper

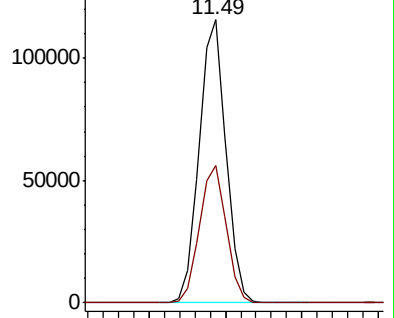
105 100

120 48.6 24.3 72.8

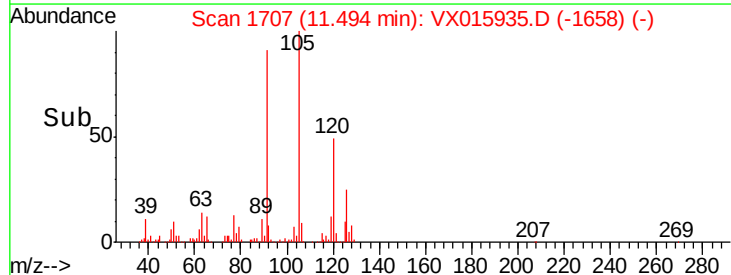


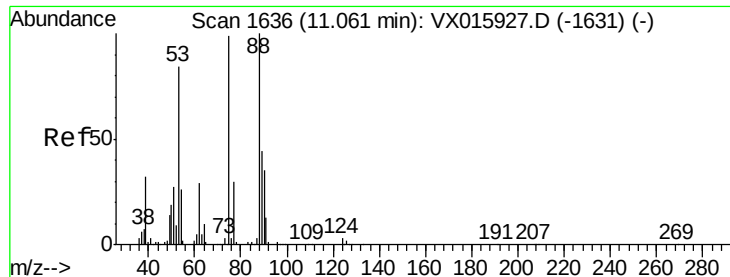
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.504 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

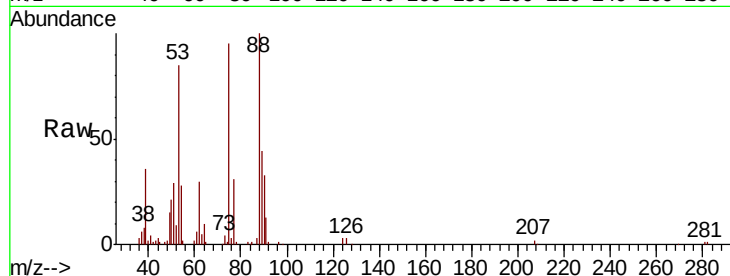
Tot Ion: 75 Resp: 19133

Ion Ratio Lower Upper

75 100

53 91.9 69.7 104.5

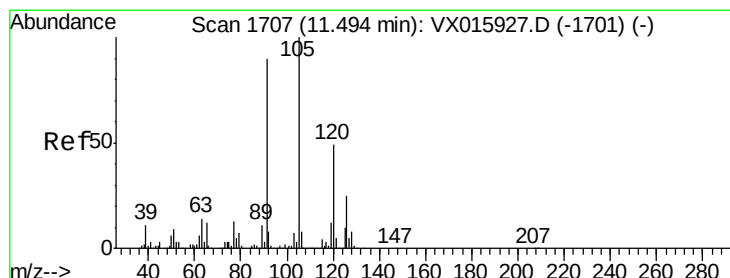
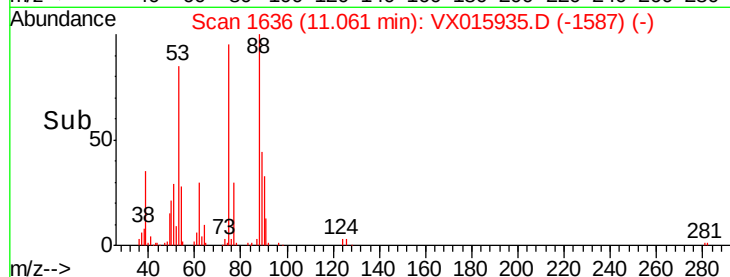
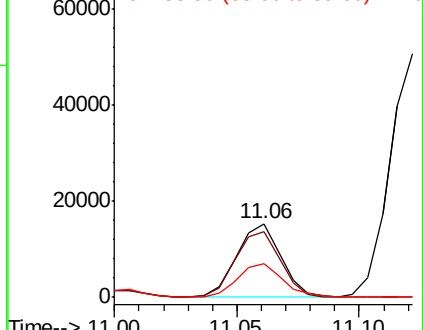
89 47.2 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.928 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015935.D

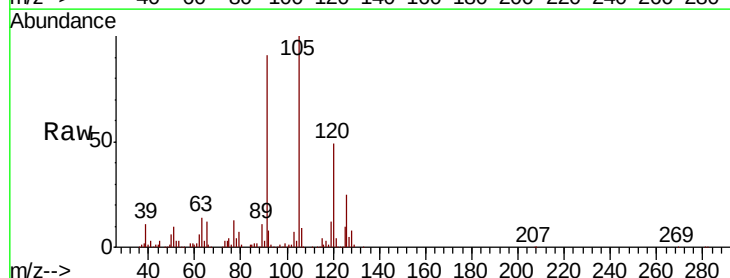
Acq: 24 Apr 2020 17:05

Tgt Ion: 91 Resp: 134758

Ion Ratio Lower Upper

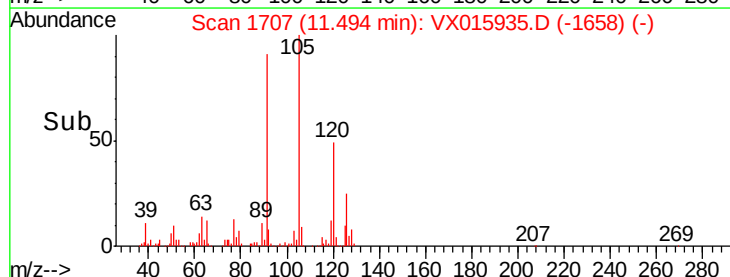
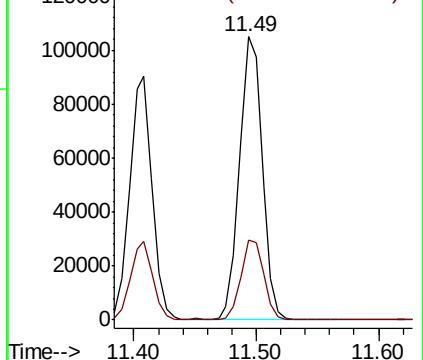
91 100

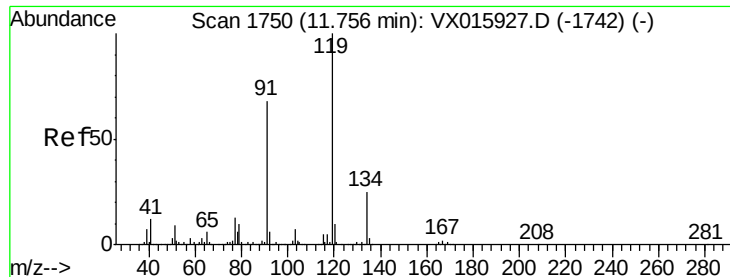
126 28.3 14.2 42.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

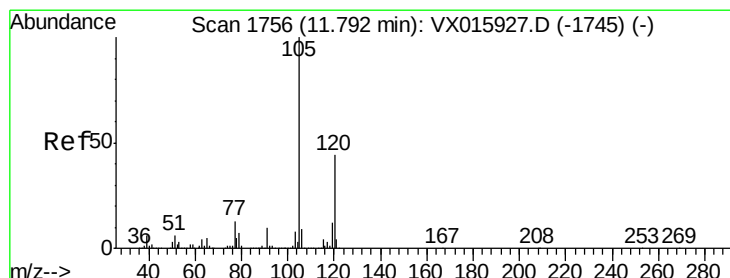
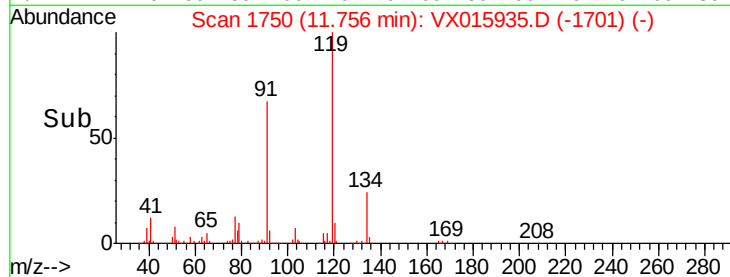
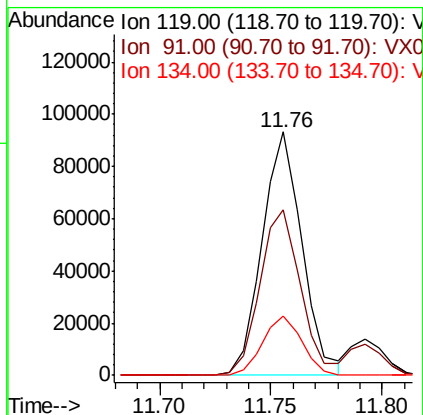
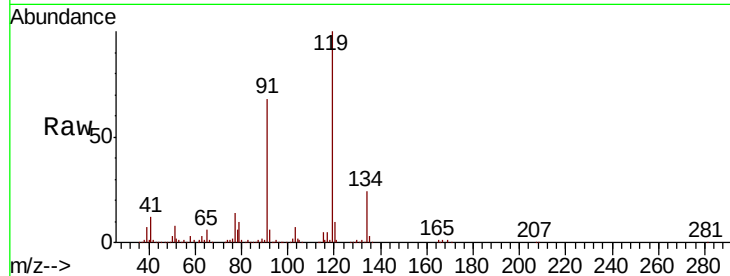




#83
 tert-Butylbenzene
 Concen: 17.919 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

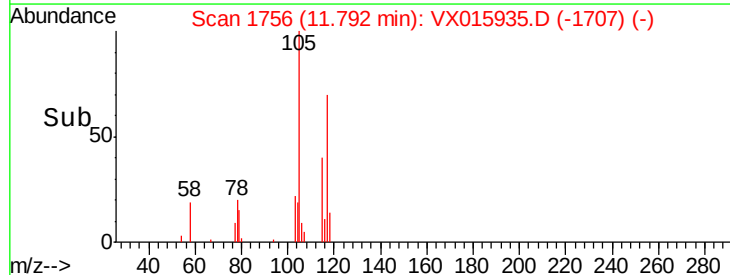
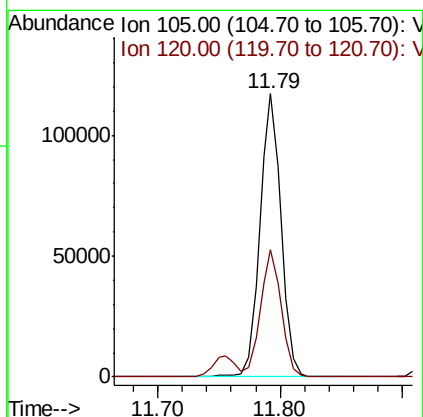
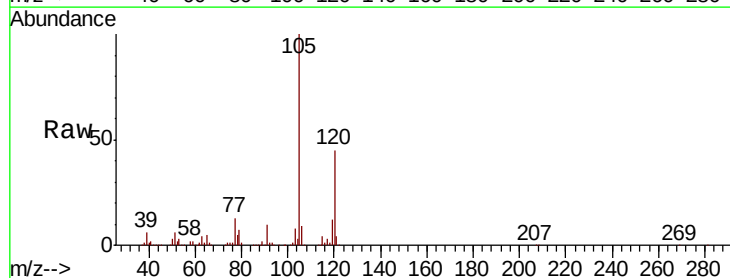
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

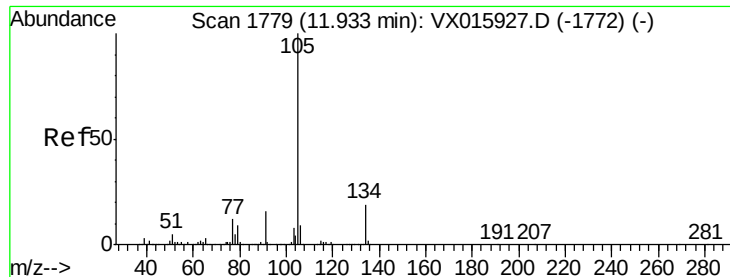
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	34.3	102.8
134	24.2	12.1	36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 17.956 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 18.021 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

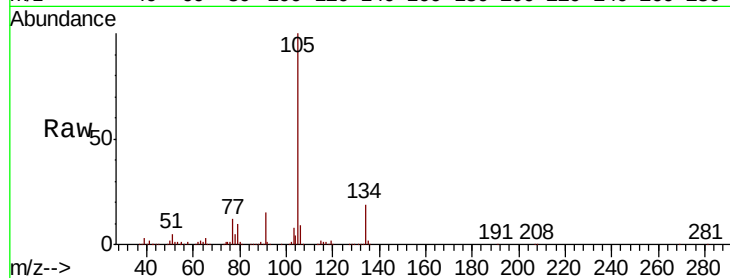
VX0424WBS01

Tot Ion:105 Resp: 159585

Ion Ratio Lower Upper

105 100

134 18.8 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

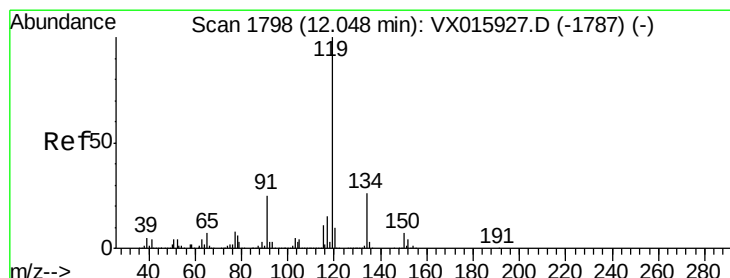
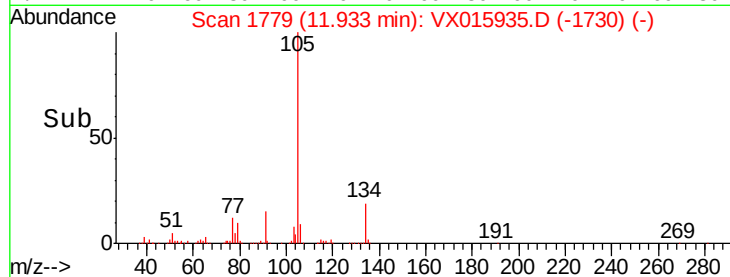
150000

100000

50000

0

Time--> 11.80 11.90 12.00



#86

p-Isopropyltoluene

Concen: 18.225 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

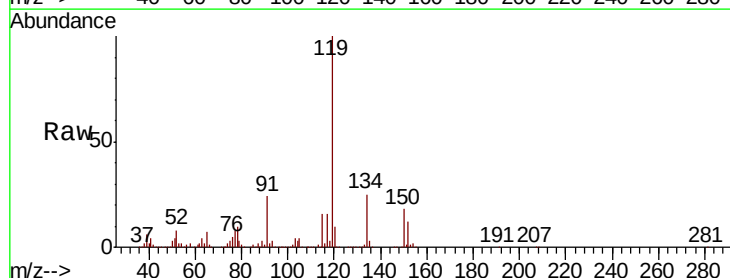
Tgt Ion:119 Resp: 147173

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 24.5 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

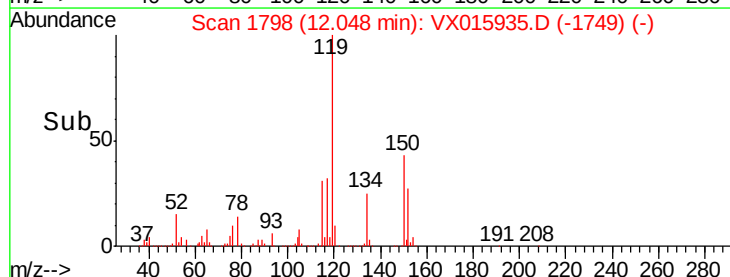
150000

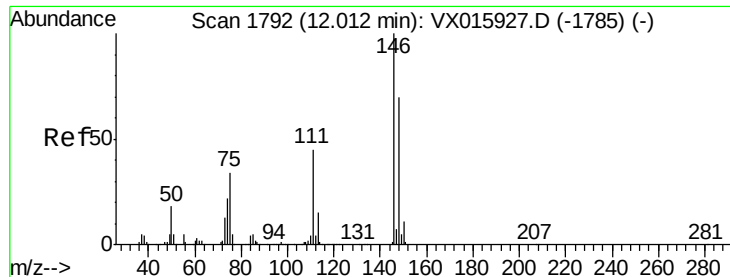
100000

50000

0

Time--> 12.00 12.10 12.20

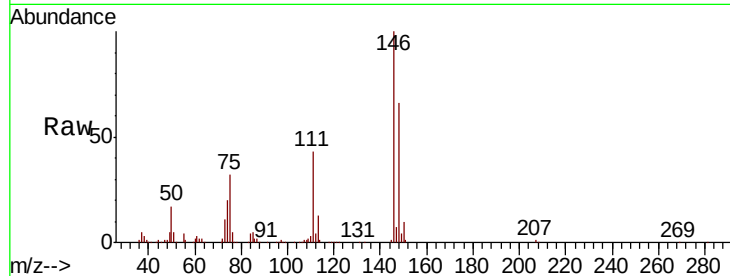




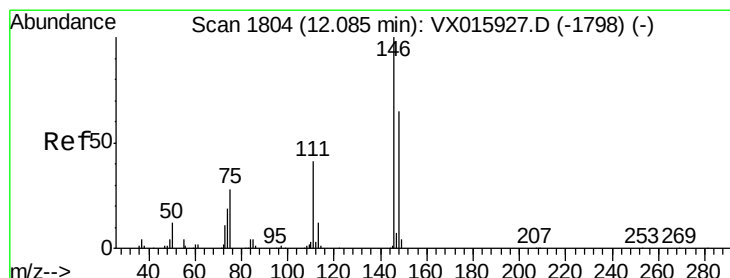
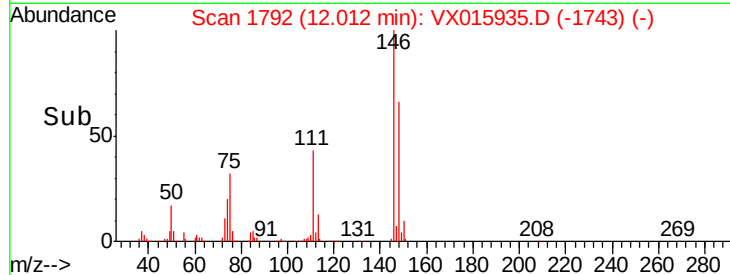
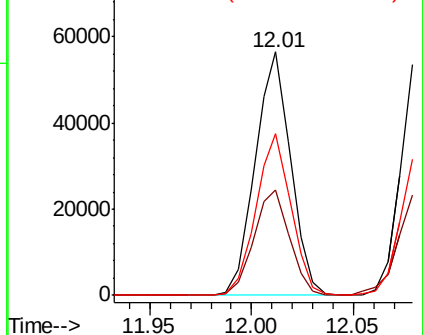
#87
 1,3-Dichlorobenzene
 Concen: 18.098 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	65.6	32.8	98.4

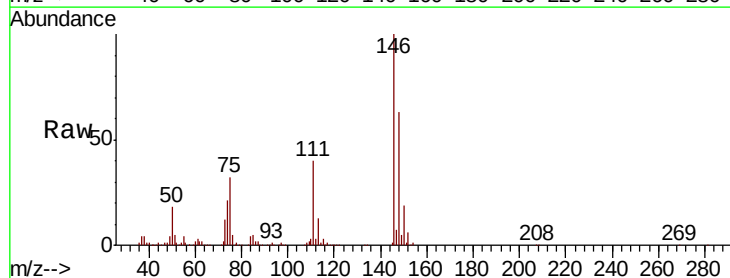


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

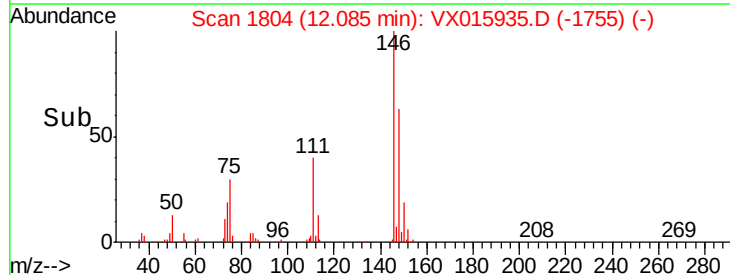
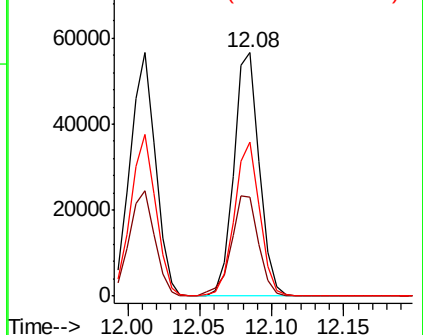


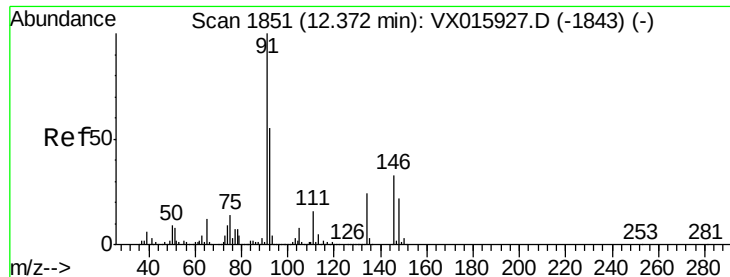
#88
 1,4-Dichlorobenzene
 Concen: 18.043 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	64.6
148	62.8	32.3	96.8



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





#89

n-Butylbenzene

Concen: 17.991 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

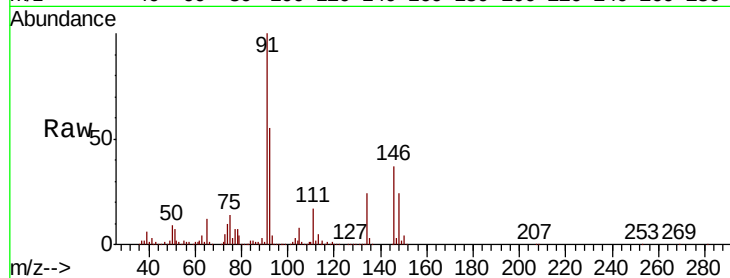
Tot Ion: 91 Resp: 136917

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

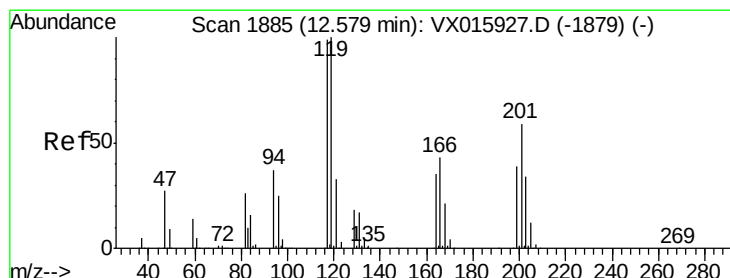
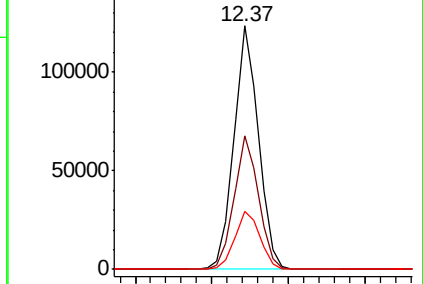
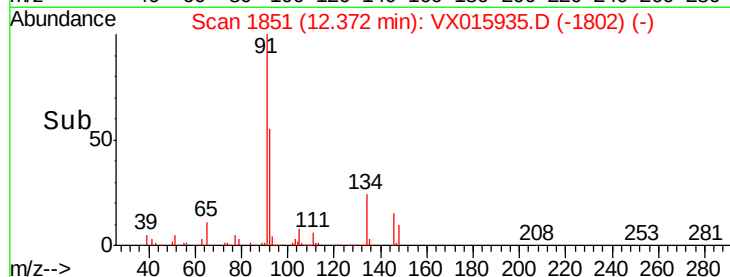
134 24.4 12.2 36.4



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: 17.749 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015935.D

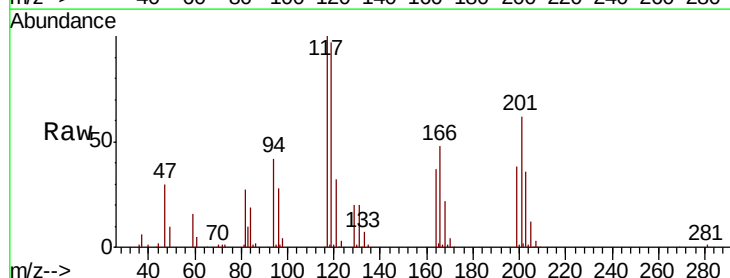
Acq: 24 Apr 2020 17:05

Tgt Ion: 117 Resp: 22364

Ion Ratio Lower Upper

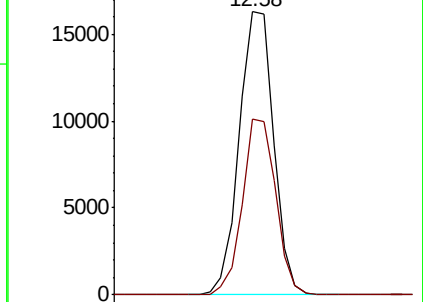
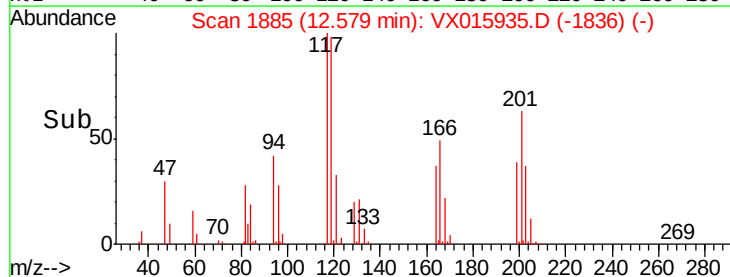
117 100

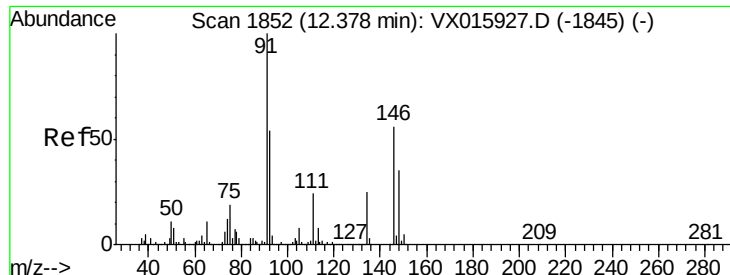
201 60.1 32.1 96.3



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

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

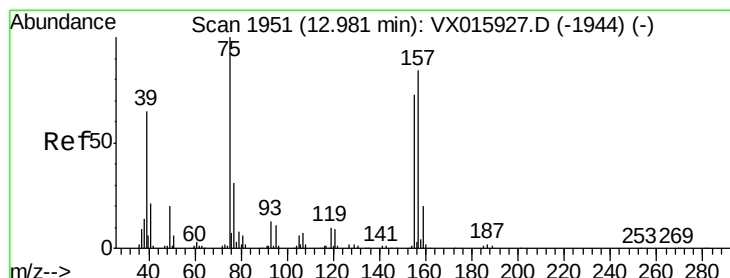
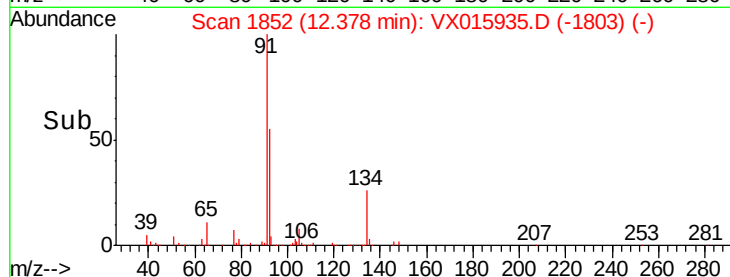
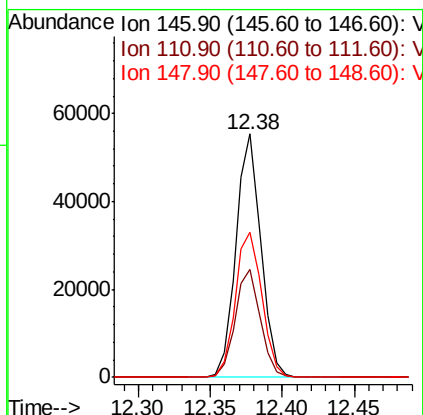
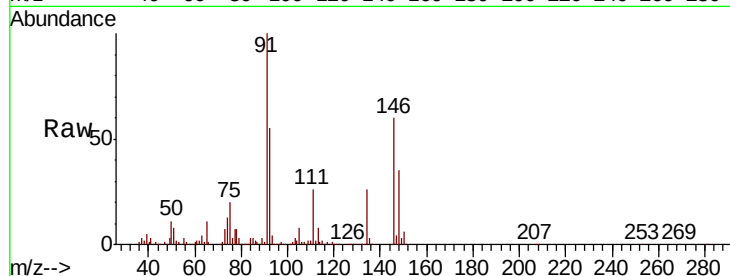




#91
 1,2-Dichlorobenzene
 Concen: 18.279 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

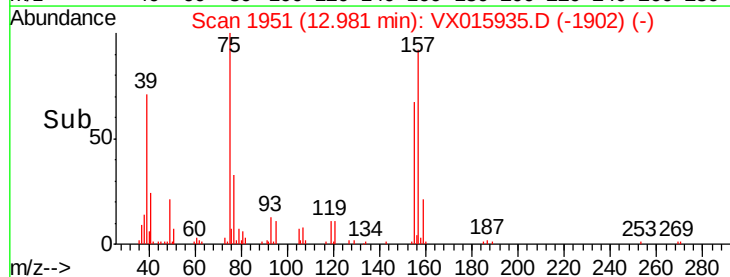
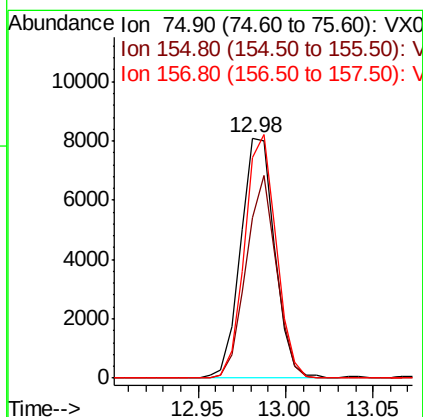
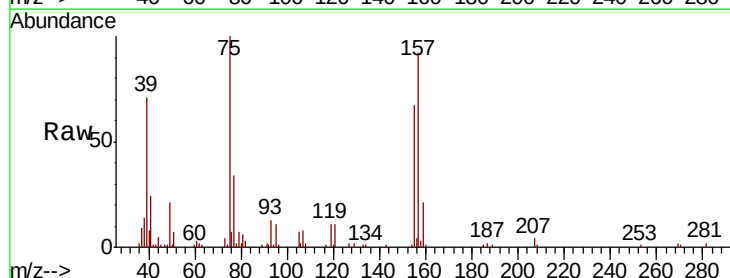
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

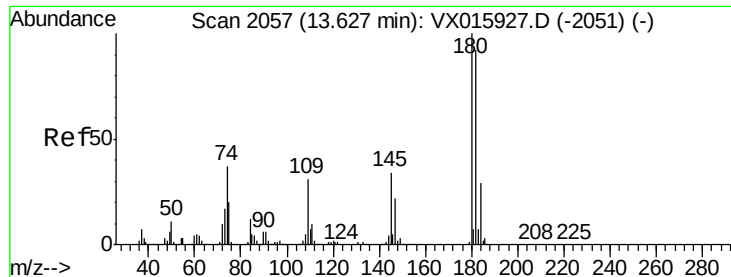
Tot Ion:146 Resp: 66981
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.3 66.8
 148 63.3 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.800 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX015935.D
 Acq: 24 Apr 2020 17:05

Tgt Ion: 75 Resp: 10937
 Ion Ratio Lower Upper
 75 100
 155 75.4 37.9 113.6
 157 94.2 47.9 143.8





#93

1,2,4-Trichlorobenzene

Concen: 17.814 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

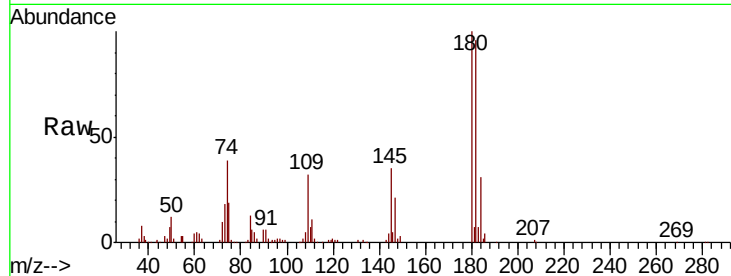
Tot Ion:180 Resp: 42112

Ion Ratio Lower Upper

180 100

182 91.4 47.6 142.9

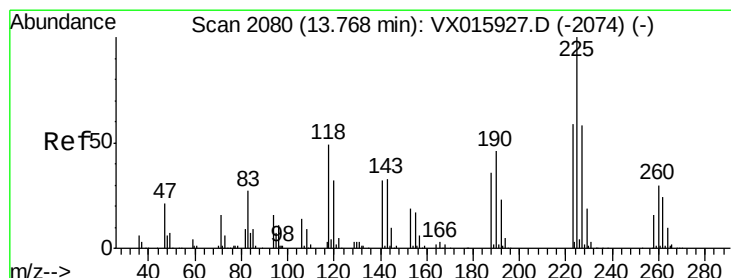
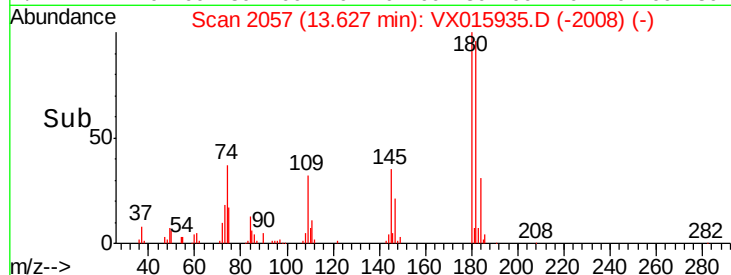
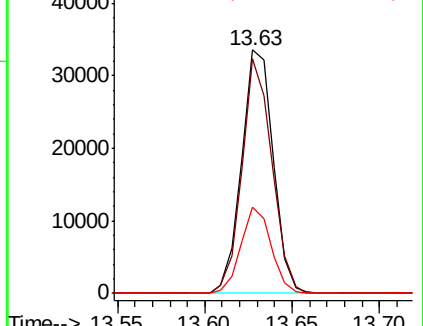
145 34.0 17.3 52.0



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: 18.847 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

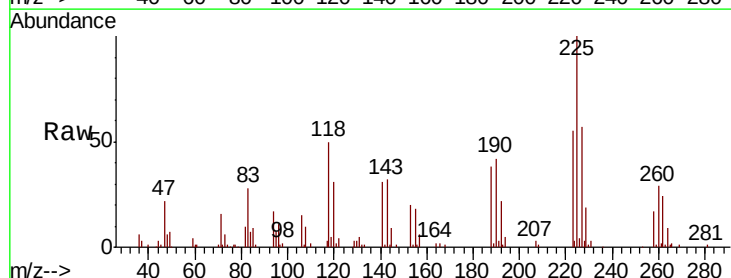
Tgt Ion:225 Resp: 15794

Ion Ratio Lower Upper

225 100

223 58.8 30.6 91.6

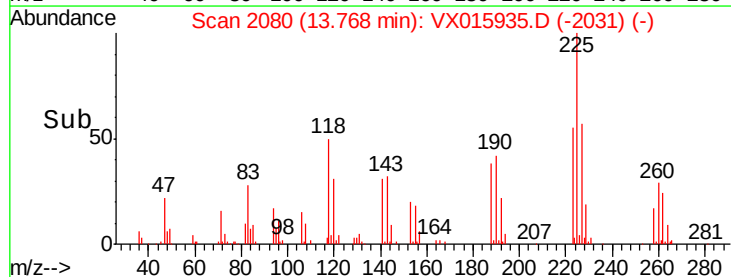
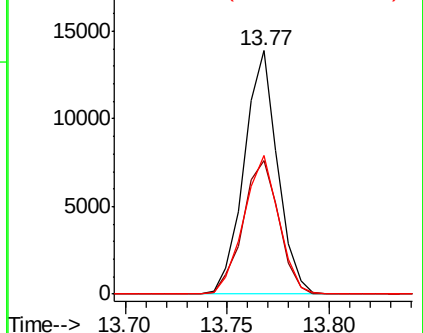
227 59.8 32.0 96.2

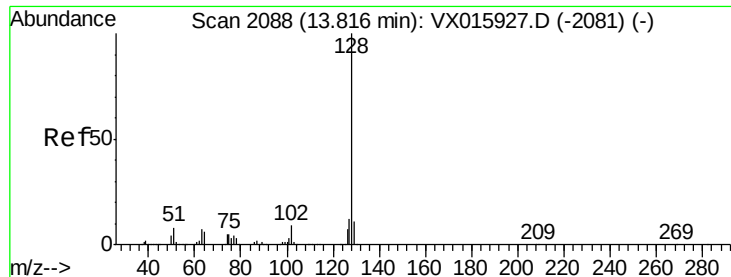


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.555 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

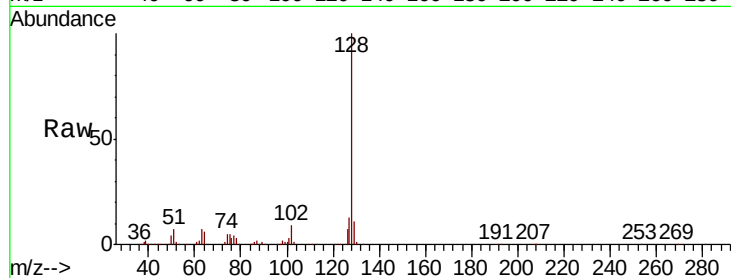
Tot Ion:128 Resp: 150928

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

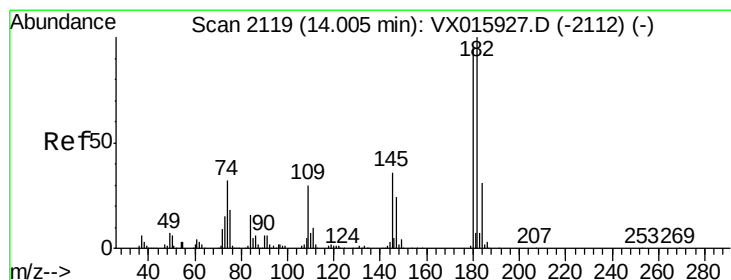
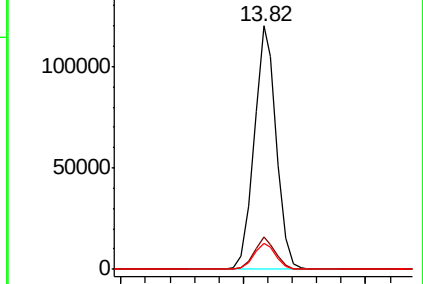
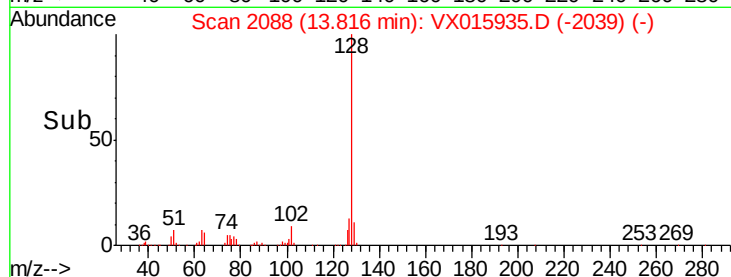
129 10.8 8.7 13.1



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: 17.868 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015935.D

Acq: 24 Apr 2020 17:05

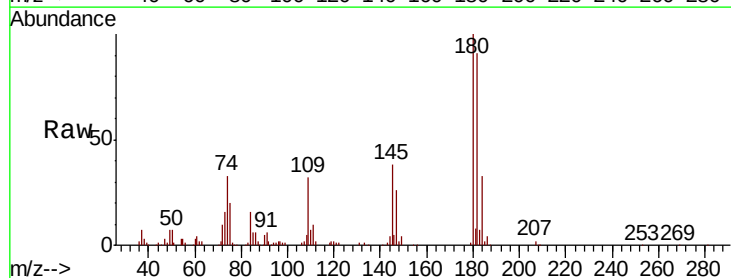
Tgt Ion:180 Resp: 39964

Ion Ratio Lower Upper

180 100

182 92.8 50.1 150.3

145 36.7 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

