

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015926.D
 Acq On : 24 Apr 2020 11:50
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 24 12:37:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	148179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	274439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	258649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	122550	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	37852	18.32	ug/l	0.00
Spiked Amount						
			Recovery	=	36.64%	
35) Dibromofluoromethane	5.47	113	28114	18.41	ug/l	0.00
Spiked Amount						
			Recovery	=	36.82%	
50) Toluene-d8	8.70	98	116286	18.84	ug/l	0.00
Spiked Amount						
			Recovery	=	37.68%	
62) 4-Bromofluorobenzene	11.12	95	45469	17.36	ug/l	0.00
Spiked Amount						
			Recovery	=	34.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	32678	20.989	ug/l	99
3) Chloromethane	1.31	50	30799	19.215	ug/l	96
4) Vinyl Chloride	1.39	62	42286	20.399	ug/l	98
5) Bromomethane	1.63	94	19674	21.232	ug/l	93
6) Chloroethane	1.72	64	25113	19.717	ug/l	98
7) Trichlorofluoromethane	1.92	101	48861	19.673	ug/l	99
8) Diethyl Ether	2.17	74	22414	18.782	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30750	19.687	ug/l	99
10) Methyl Iodide	2.49	142	29100	19.509	ug/l	99
11) Tert butyl alcohol	3.01	59	41723	97.547	ug/l	100
12) 1,1-Dichloroethene	2.36	96	31723	19.410	ug/l	95
13) Acrolein	2.28	56	26031	92.081	ug/l	98
14) Allyl chloride	2.71	41	56790	19.519	ug/l	100
15) Acrylonitrile	3.12	53	95863	101.550	ug/l	100
16) Acetone	2.42	43	74768	97.570	ug/l	97
17) Carbon Disulfide	2.55	76	90000	17.192	ug/l	98
18) Methyl Acetate	2.75	43	45105	19.650	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	117316	20.131	ug/l	100
20) Methylene Chloride	2.84	84	37001	19.512	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	36301	19.883	ug/l	96
22) Diisopropyl ether	3.82	45	111879	19.548	ug/l	98
23) Vinyl Acetate	3.79	43	469678	101.156	ug/l	99
24) 1,1-Dichloroethane	3.67	63	64969	19.951	ug/l	100
25) 2-Butanone	4.64	43	124043	101.064	ug/l	99
26) 2,2-Dichloropropane	4.55	77	57017	19.619	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	40281	19.390	ug/l	99
28) Bromochloromethane	4.98	49	28218	19.428	ug/l	99
29) Tetrahydrofuran	5.09	42	81483	99.897	ug/l	100
30) Chloroform	5.18	83	64705	20.101	ug/l	99
31) Cyclohexane	5.55	56	58763	19.847	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	57657	19.749	ug/l	100
36) 1,1-Dichloropropene	5.77	75	49321	18.996	ug/l	99
37) Ethyl Acetate	4.80	43	49809	19.164	ug/l	98
38) Carbon Tetrachloride	5.76	117	46018	19.660	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	61256	19.596	ug/l	98
40) Benzene	6.12	78	149535	19.855	ug/l	99
41) Methacrylonitrile	5.01	41	28003	18.783	ug/l	100
42) 1,2-Dichloroethane	6.17	62	53462	20.250	ug/l	99
43) Isopropyl Acetate	6.42	43	84854	20.214	ug/l	100
44) Trichloroethene	7.19	130	46467	19.854	ug/l	100
45) 1,2-Dichloropropane	7.49	63	38408	19.969	ug/l	99
46) Dibromomethane	7.64	93	25852	20.066	ug/l	99
47) Bromodichloromethane	7.88	83	51352	19.884	ug/l	99
48) Methyl methacrylate	7.74	41	40277	19.473	ug/l	99
49) 1,4-Dioxane	7.71	88	17790	395.739	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	251214	103.551	ug/l	99
52) Toluene	8.77	92	94457	19.792	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	62435	19.992	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	65253	19.988	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	37635	19.693	ug/l	99
56) Ethyl methacrylate	9.16	69	60360	20.264	ug/l	98
57) 1,3-Dichloropropane	9.35	76	66162	20.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	152609	103.046	ug/l	99
59) 2-Hexanone	9.48	43	189530	103.987	ug/l	100
60) Dibromochloromethane	9.57	129	37682	20.616	ug/l	99
61) 1,2-Dibromoethane	9.65	107	38993	19.914	ug/l	99
64) Tetrachloroethene	9.32	164	50132	19.518	ug/l	97
65) Chlorobenzene	10.12	112	100918	20.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	35064	19.871	ug/l	99
67) Ethyl Benzene	10.24	91	182958	19.642	ug/l	98
68) m/p-Xylenes	10.34	106	136456	40.256	ug/l	99
69) o-Xylene	10.68	106	65721	19.900	ug/l	99
70) Styrene	10.70	104	113619	20.405	ug/l	99
71) Bromoform	10.84	173	22709	20.215	ug/l #	97
73) Isopropylbenzene	11.01	105	175609	19.583	ug/l	100
74) N-amyl acetate	10.88	43	77259	20.305	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	39731	20.349	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	70814	22.099	ug/l	81
77) Bromobenzene	11.24	156	39756	19.754	ug/l	99
78) n-propylbenzene	11.35	91	206890	19.620	ug/l	100
79) 2-Chlorotoluene	11.40	91	122021	19.851	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	149910	19.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	21028	20.125	ug/l	97
82) 4-Chlorotoluene	11.49	91	145601	19.830	ug/l	99
83) tert-Butylbenzene	11.76	119	125387	19.735	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	151910	19.702	ug/l	100
85) sec-Butylbenzene	11.93	105	169224	19.616	ug/l	98
86) p-Isopropyltoluene	12.05	119	156435	19.897	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	73471	19.842	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	73544	19.570	ug/l	98
89) n-Butylbenzene	12.37	91	145932	19.808	ug/l	100
90) Hexachloroethane	12.58	117	22983	19.681	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	72390	20.036	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	12142	19.278	ug/l	97

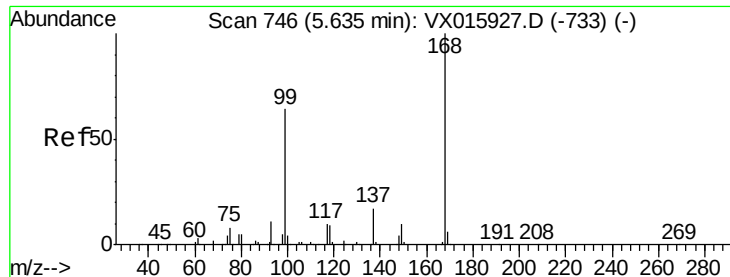
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042420\
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Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	43299	18.890	ug/l	98
94) Hexachlorobutadiene	13.77	225	15593	19.079	ug/l	98
95) Naphthalene	13.82	128	167173	20.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43008	19.871	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

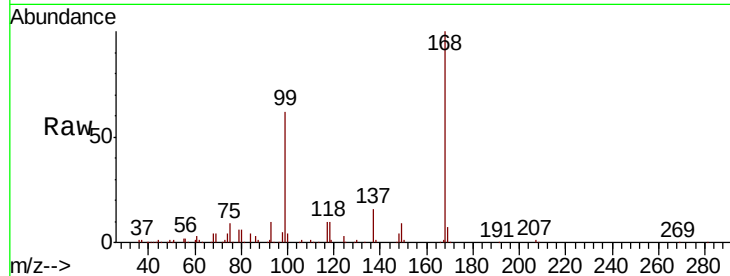
VSTDIC020

Tot Ion:168 Resp: 148179

Ion Ratio Lower Upper

168 100

99 62.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

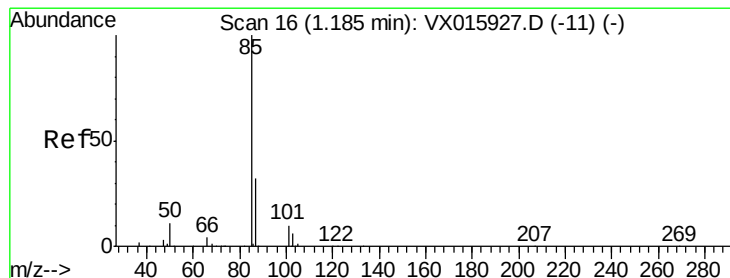
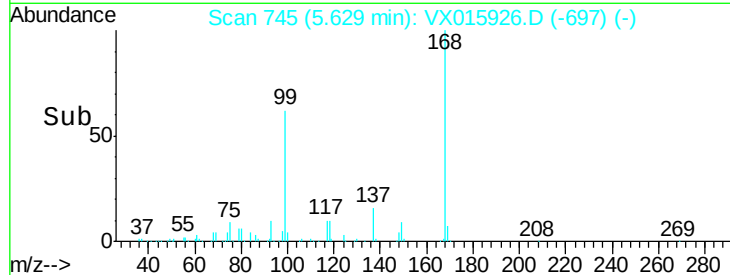
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.989 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015926.D

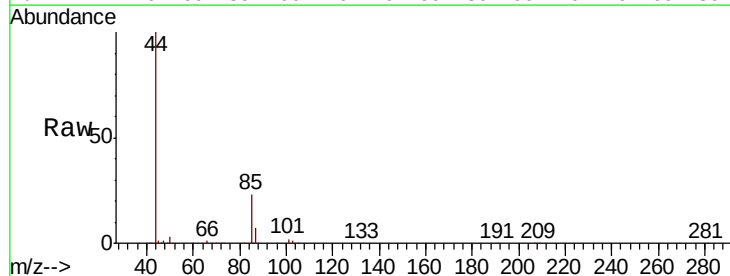
Acq: 24 Apr 2020 11:50

Tgt Ion: 85 Resp: 32678

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

30000

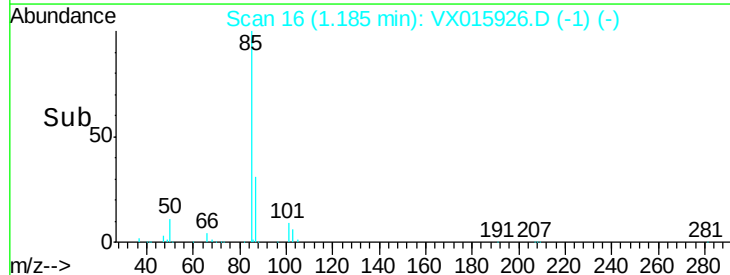
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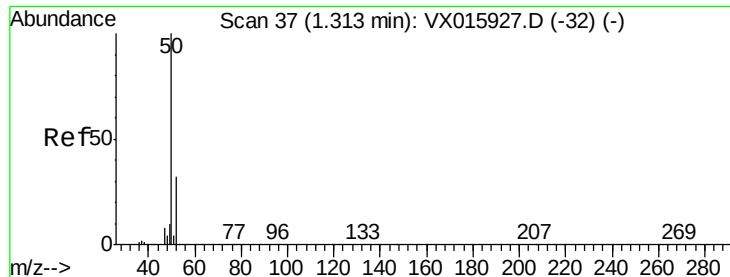
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.215 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

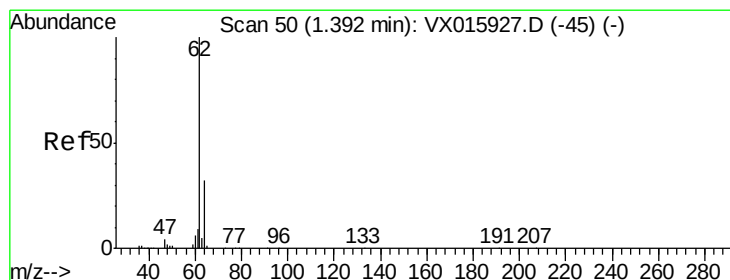
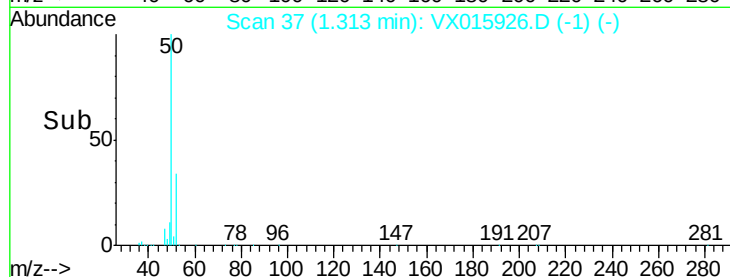
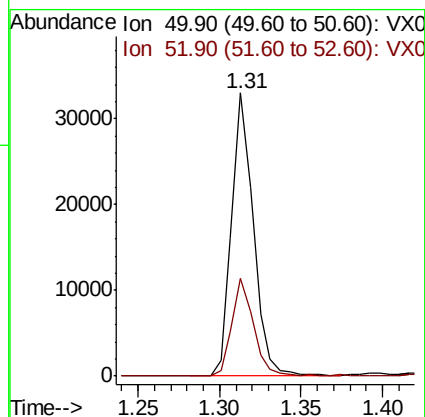
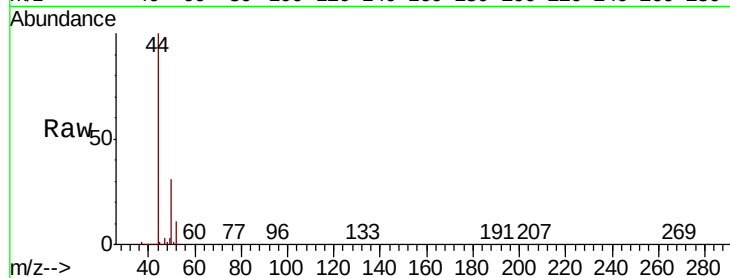
VSTDIC020

Tot Ion: 50 Resp: 30799

Ion Ratio Lower Upper

50 100

52 34.5 25.9 38.9



#4

Vinyl Chloride

Concen: 20.399 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015926.D

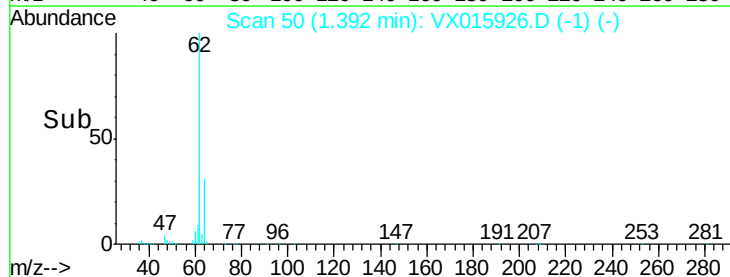
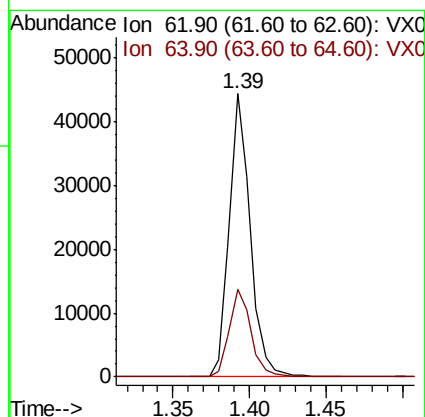
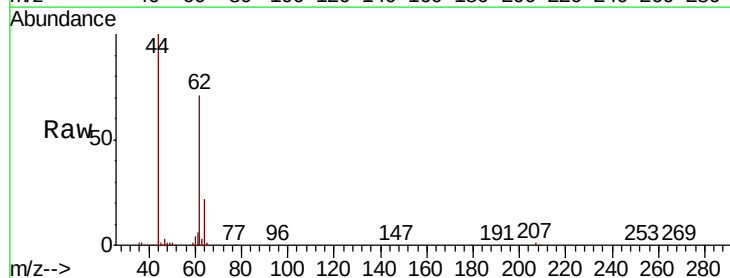
Acq: 24 Apr 2020 11:50

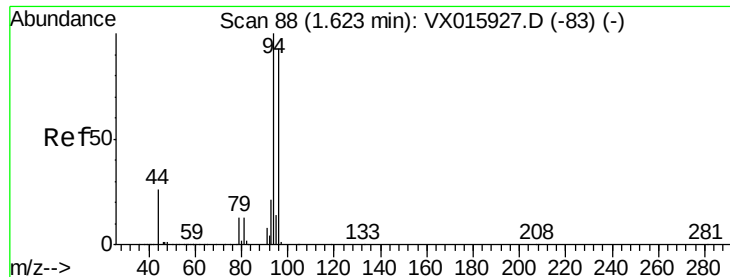
Tgt Ion: 62 Resp: 42286

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 21.232 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

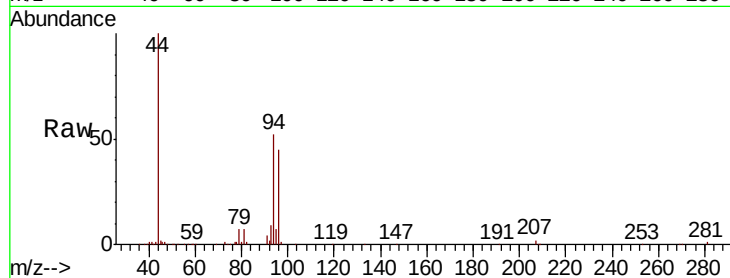
VSTDIC020

Tot Ion: 94 Resp: 19674

Ion Ratio Lower Upper

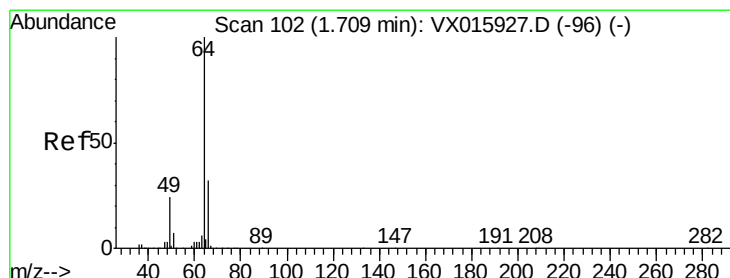
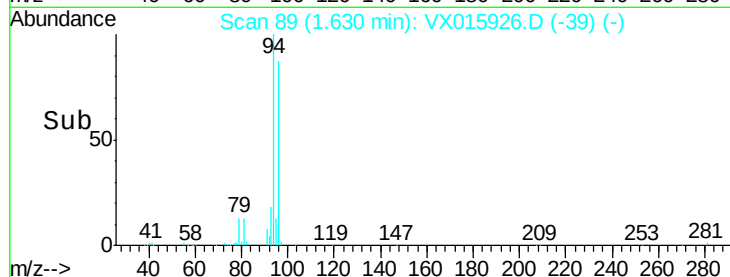
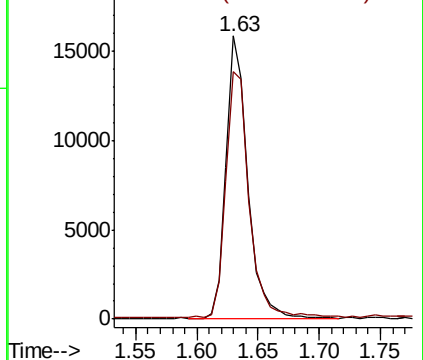
94 100

96 86.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.717 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015926.D

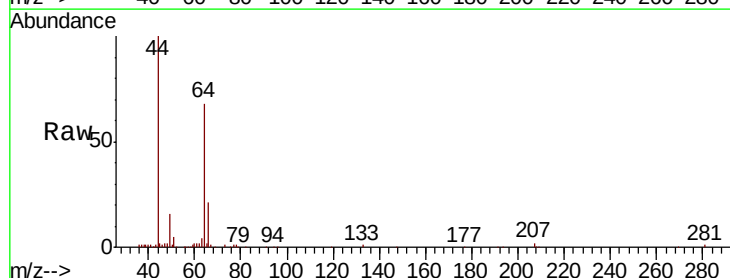
Acq: 24 Apr 2020 11:50

Tgt Ion: 64 Resp: 25113

Ion Ratio Lower Upper

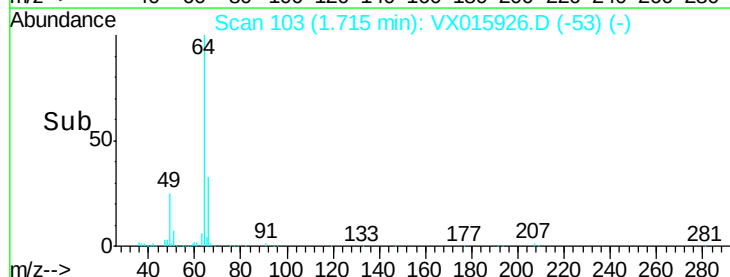
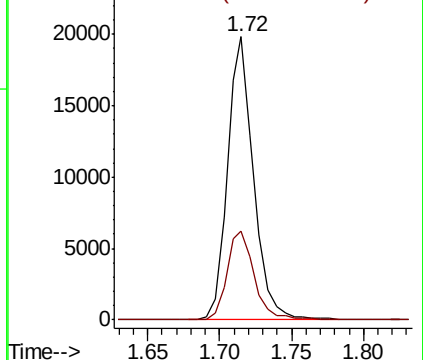
64 100

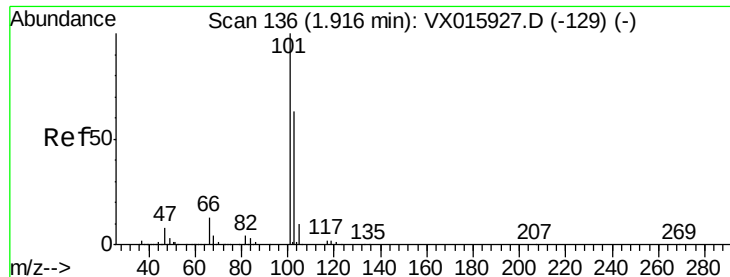
66 31.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



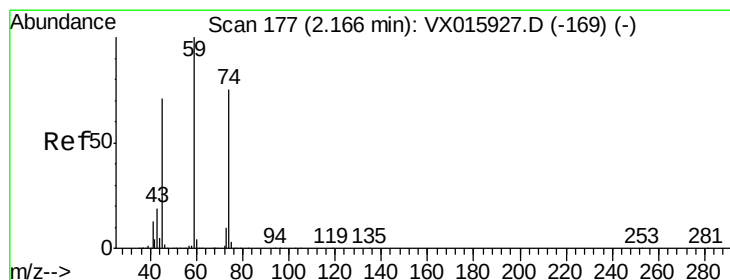
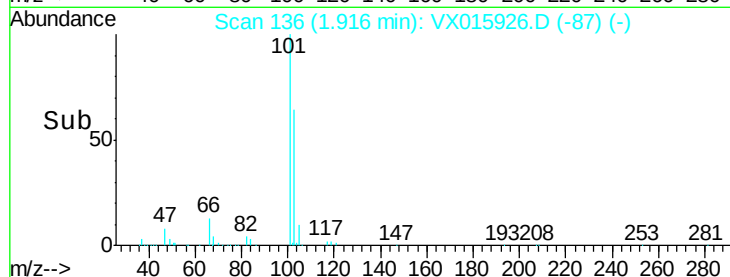
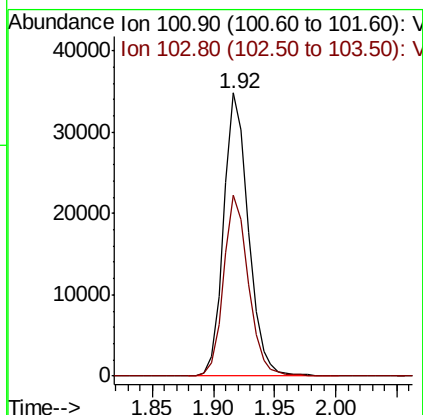
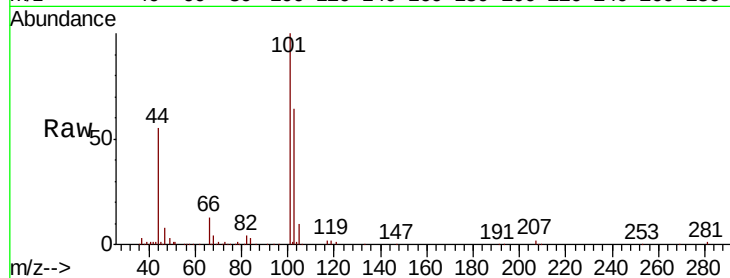


#7

Trichlorofluoromethane
Concen: 19.673 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Instrument :
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ClientSampleId :
VSTDIC020

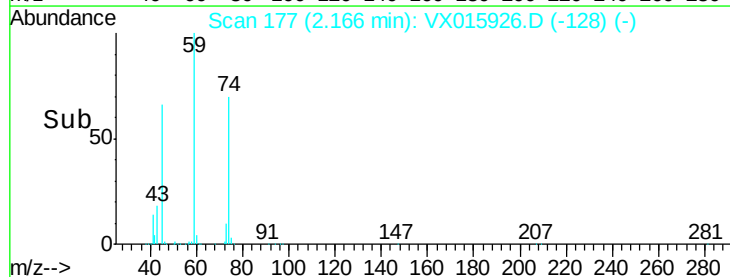
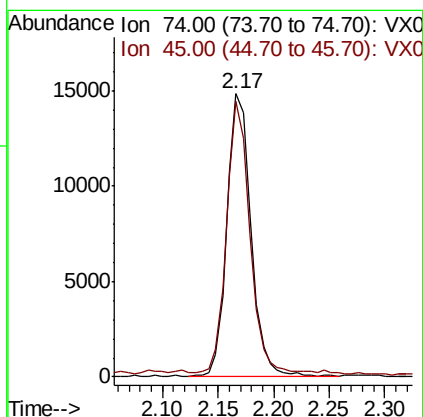
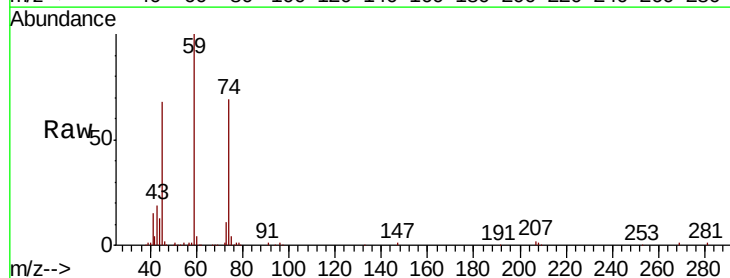
Tot Ion:101 Resp: 48861
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2

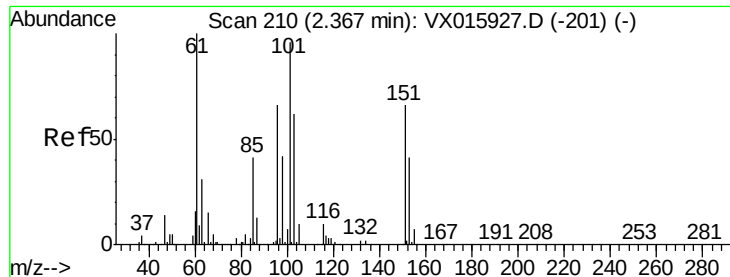


#8

Diethyl Ether
Concen: 18.782 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 74 Resp: 22414
Ion Ratio Lower Upper
74 100
45 90.8 46.9 140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.687 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

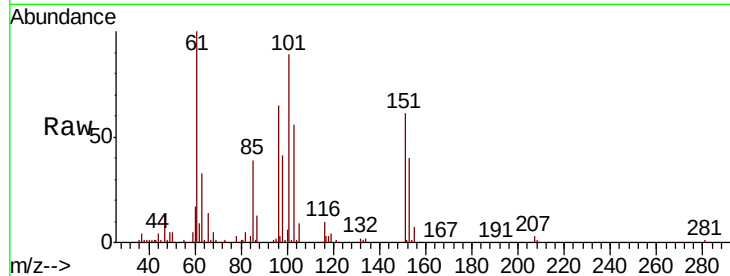
Tot Ion:101 Resp: 30750

Ion Ratio Lower Upper

101 100

85 44.0 34.9 52.3

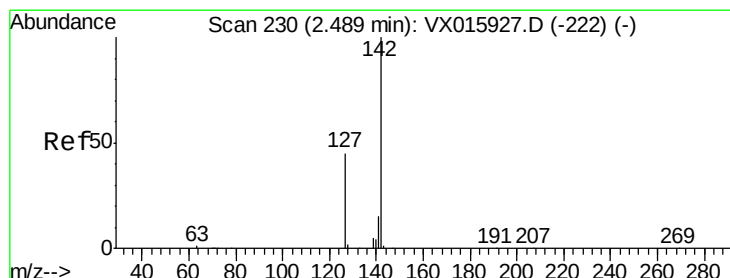
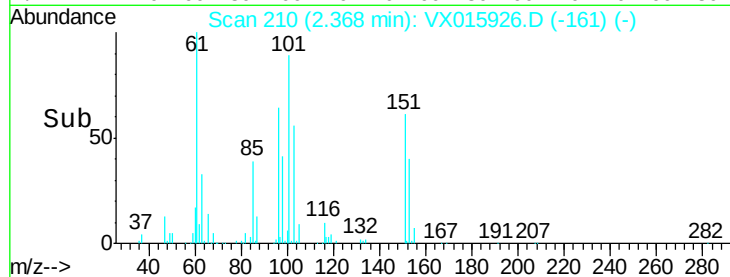
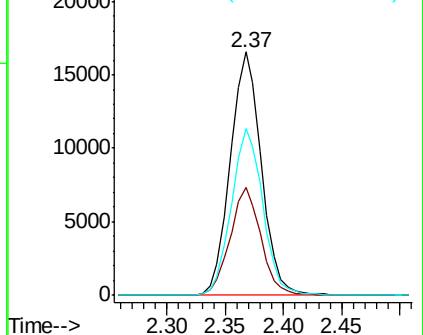
151 69.2 55.8 83.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.509 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

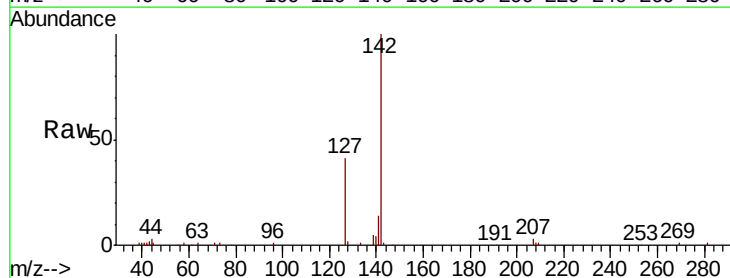
Tgt Ion:142 Resp: 29100

Ion Ratio Lower Upper

142 100

127 42.1 34.4 51.6

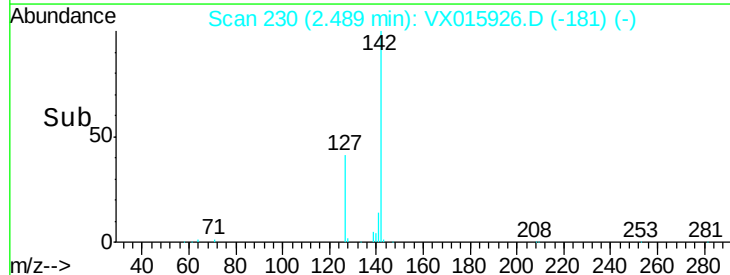
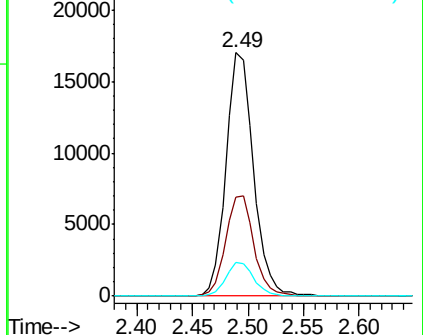
141 14.1 11.5 17.3

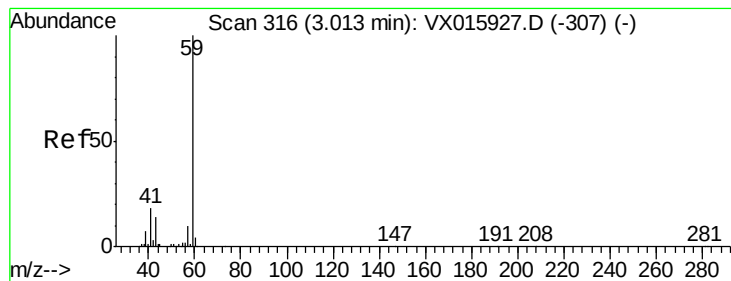


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



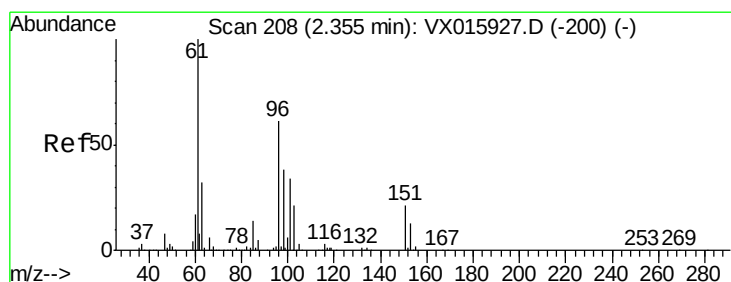
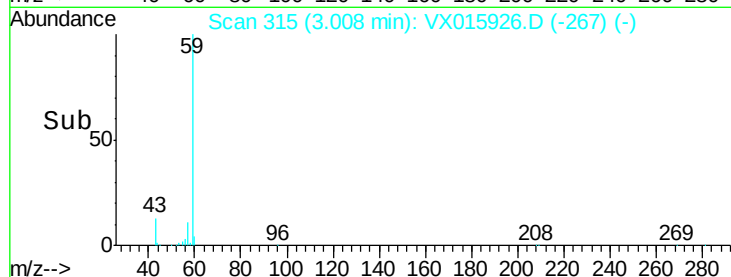
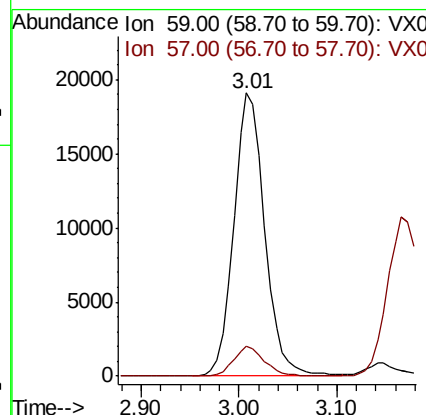
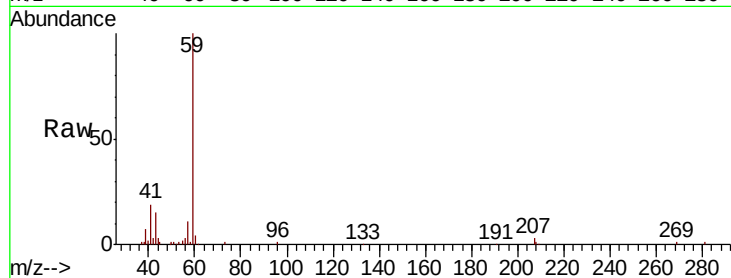


#11

Tert butyl alcohol
 Concen: 97.547 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

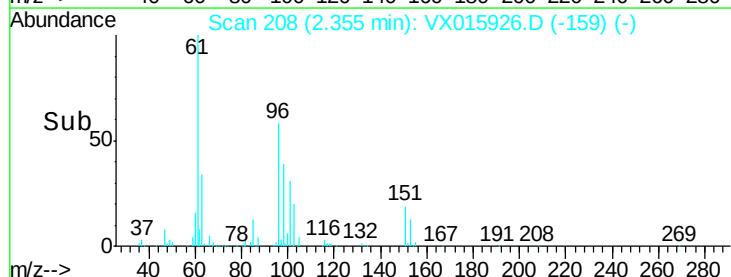
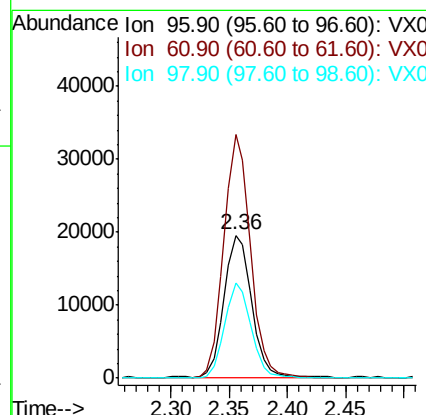
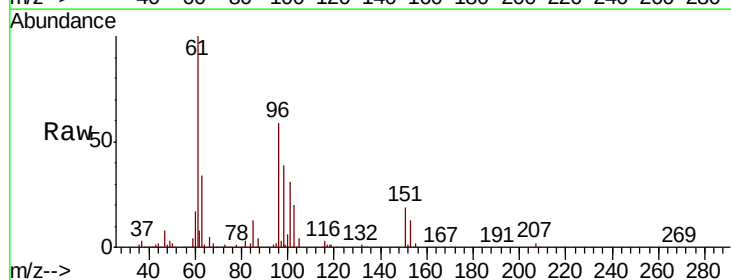
Tot Ion: 59 Resp: 41723
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

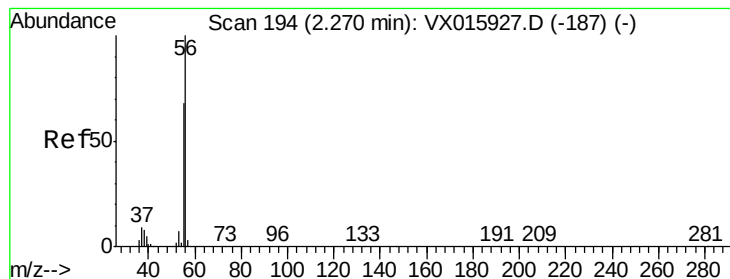


#12

1,1-Dichloroethene
 Concen: 19.410 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 96 Resp: 31723
 Ion Ratio Lower Upper
 96 100
 61 171.1 131.2 196.8
 98 67.0 50.2 75.4





#13

Acrolein

Concen: 92.081 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

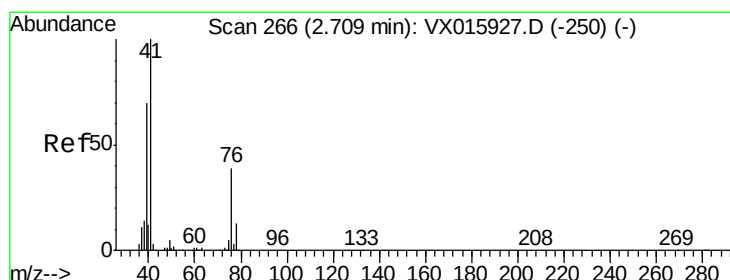
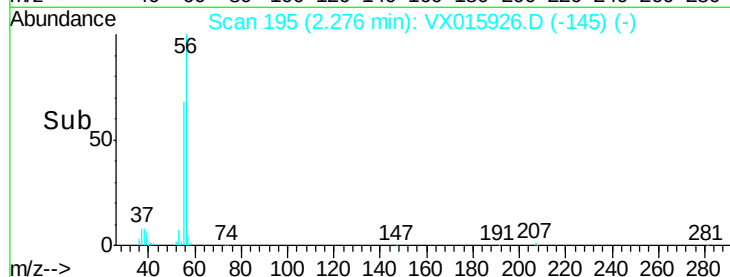
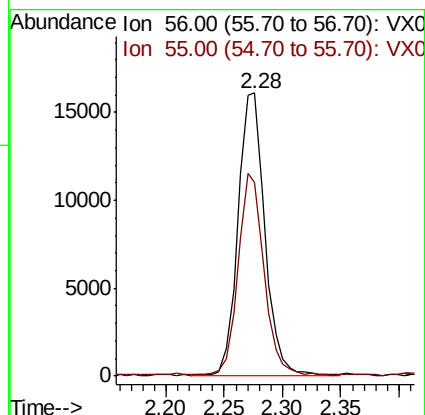
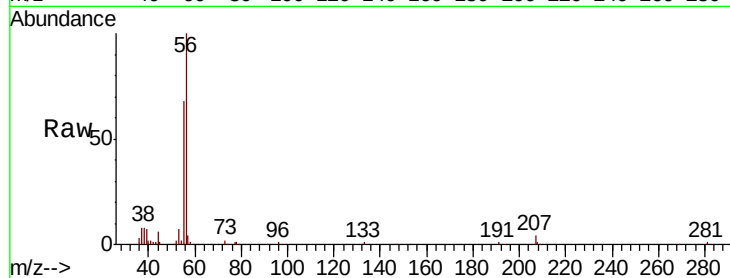
VSTDIC020

Tot Ion: 56 Resp: 26031

Ion Ratio Lower Upper

56 100

55 68.3 56.0 84.0



#14

Allyl chloride

Concen: 19.519 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

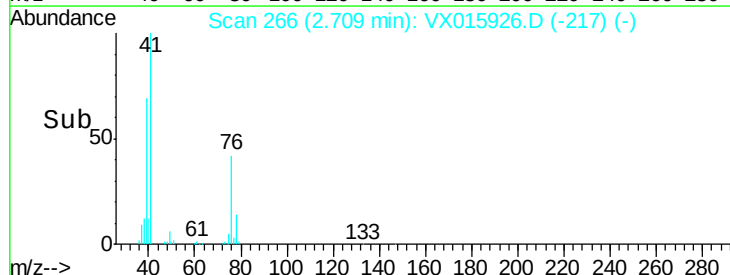
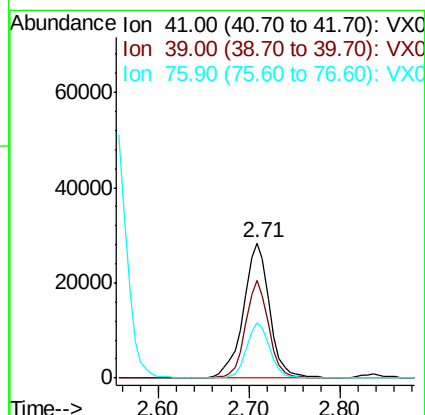
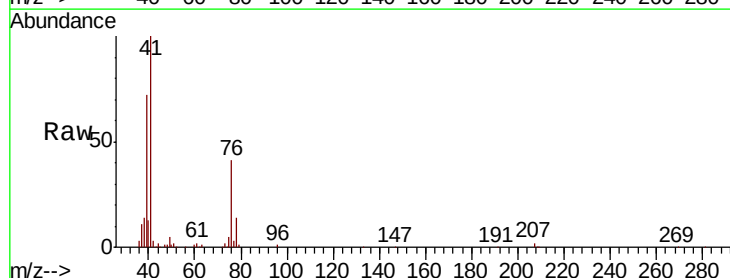
Tgt Ion: 41 Resp: 56790

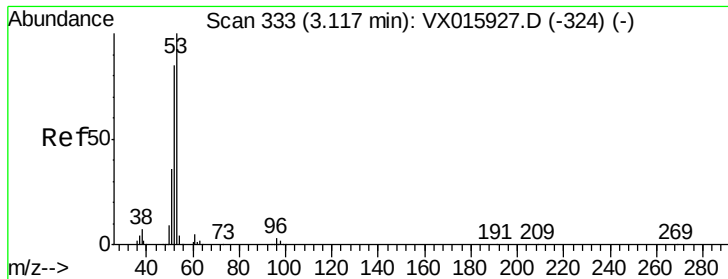
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 36.6 29.3 43.9





#15

Acrylonitrile

Concen: 101.550 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

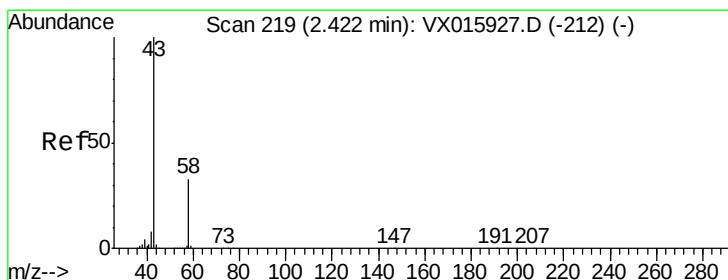
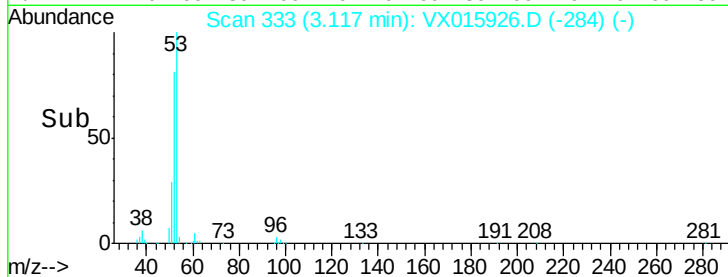
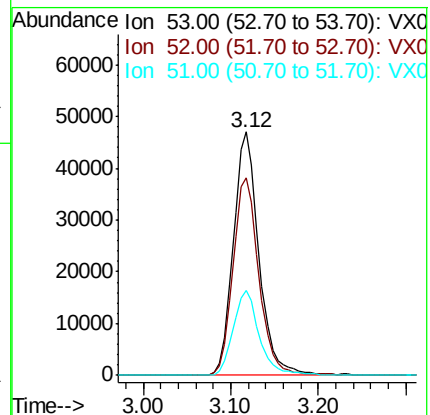
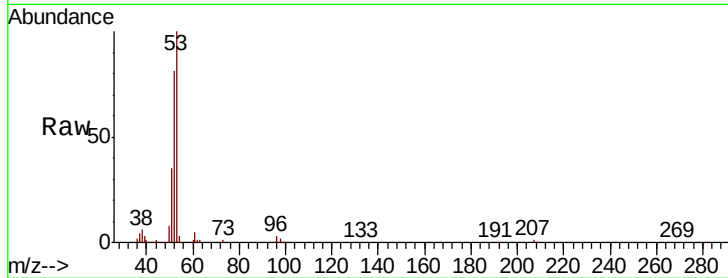
Tot Ion: 53 Resp: 95863

Ion Ratio Lower Upper

53 100

52 82.2 65.5 98.3

51 35.6 28.2 42.2



#16

Acetone

Concen: 97.570 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015926.D

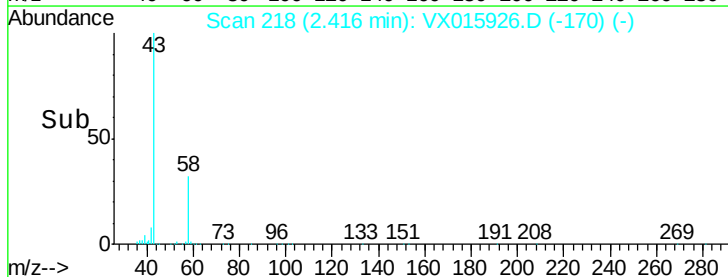
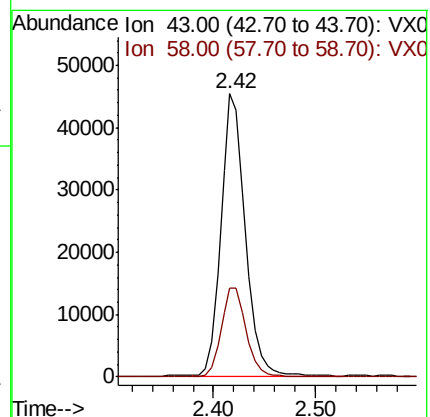
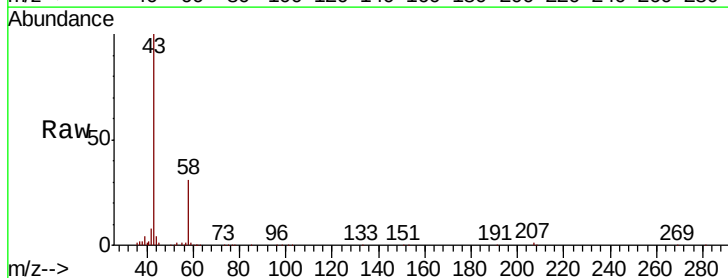
Acq: 24 Apr 2020 11:50

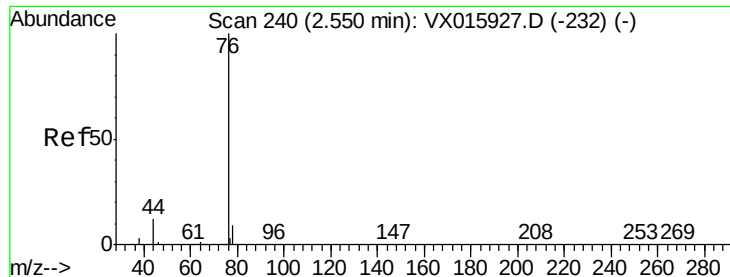
Tgt Ion: 43 Resp: 74768

Ion Ratio Lower Upper

43 100

58 31.5 26.4 39.6

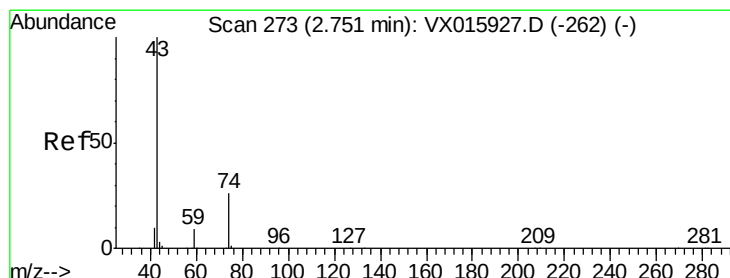
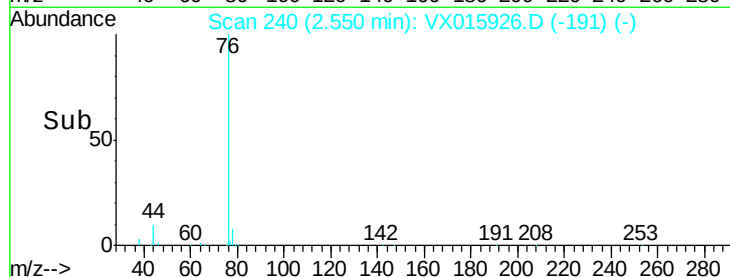
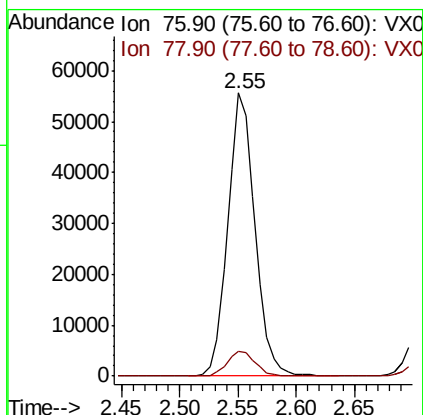
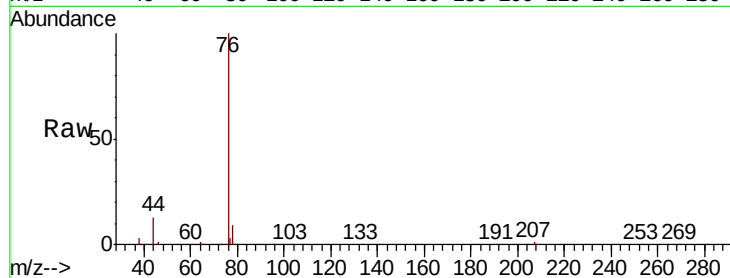




#17
Carbon Disulfide
Concen: 17.192 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

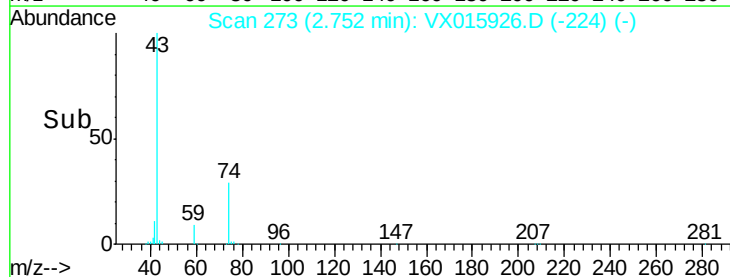
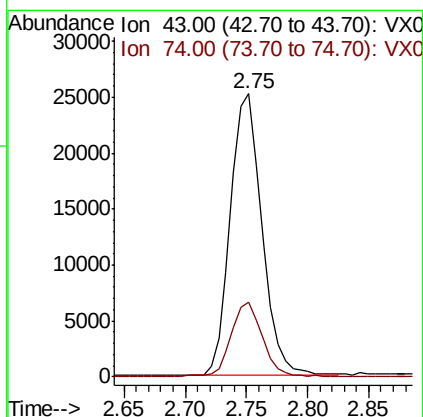
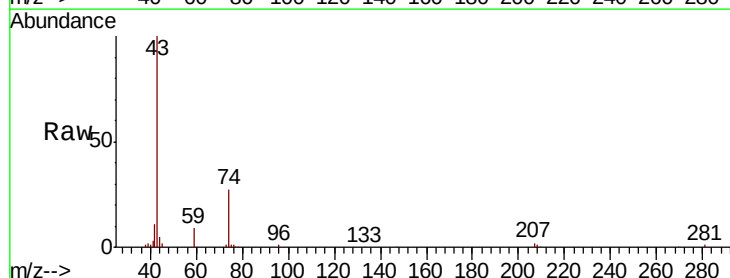
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

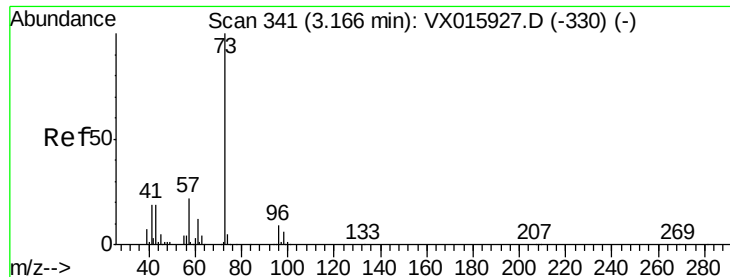
Tot Ion: 76 Resp: 90000
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 19.650 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 43 Resp: 45105
Ion Ratio Lower Upper
43 100
74 26.6 21.0 31.4



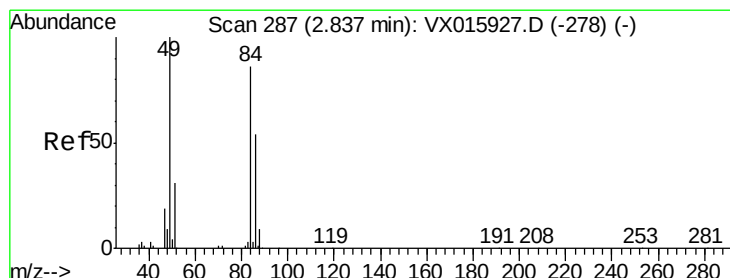
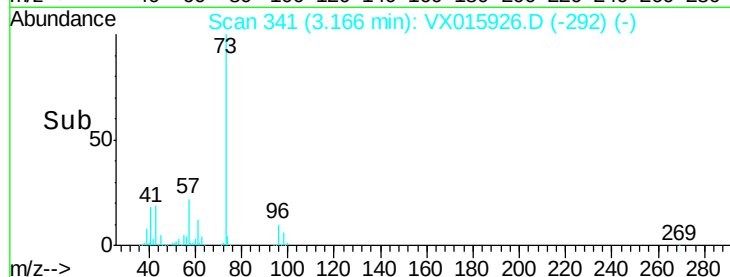
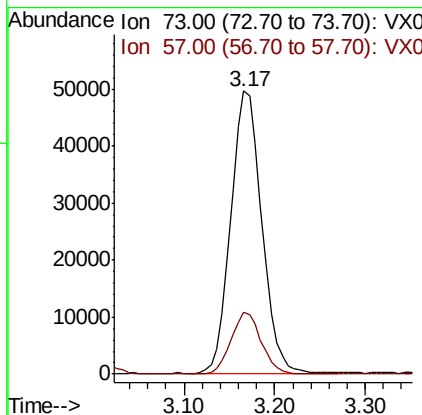
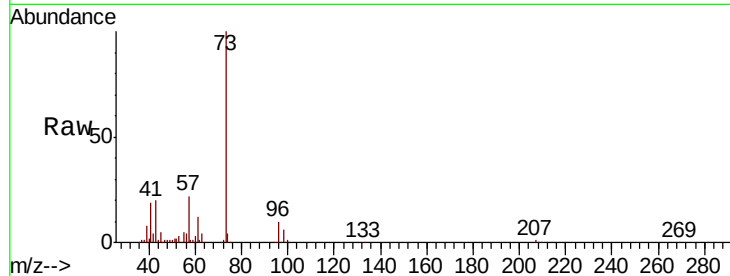


#19

Methyl tert-butyl Ether
 Concen: 20.131 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

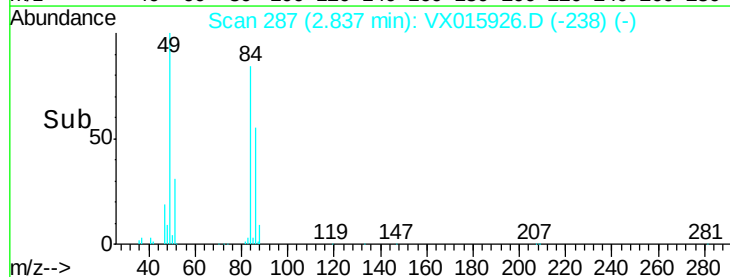
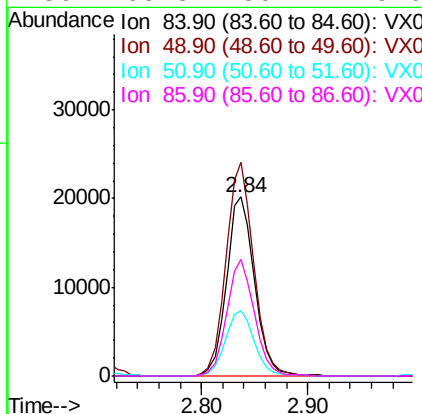
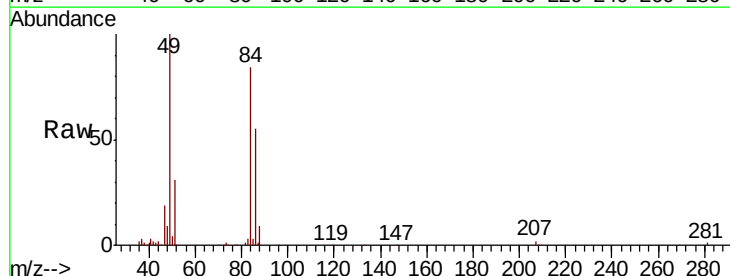
Tot Ion: 73 Resp: 117316
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.3 25.9

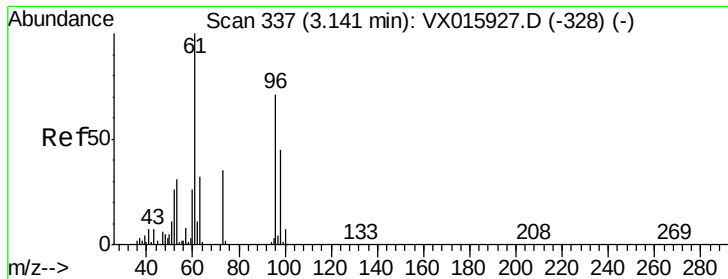


#20

Methylene Chloride
 Concen: 19.512 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 84 Resp: 37001
 Ion Ratio Lower Upper
 84 100
 49 119.4 93.0 139.6
 51 36.5 28.6 43.0
 86 65.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.883 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

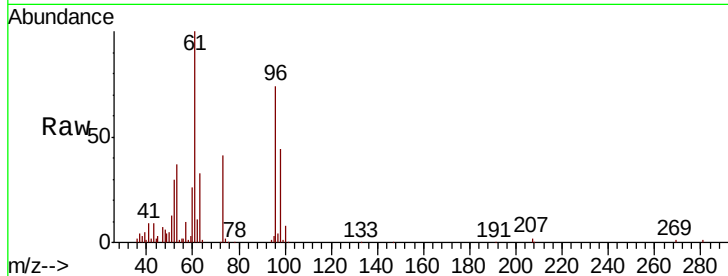
Tot Ion: 96 Resp: 36301

Ion Ratio Lower Upper

96 100

61 136.3 112.7 169.1

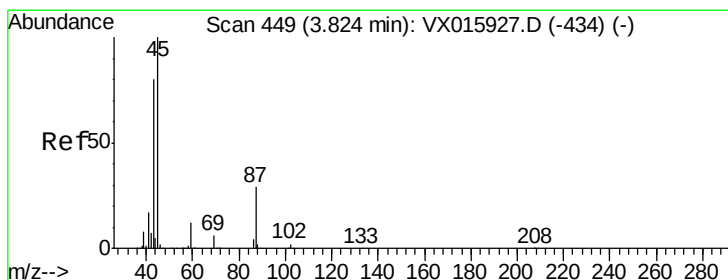
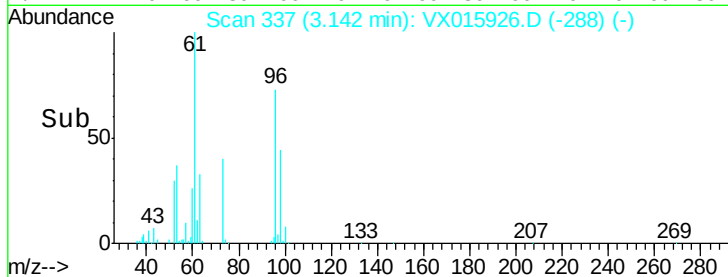
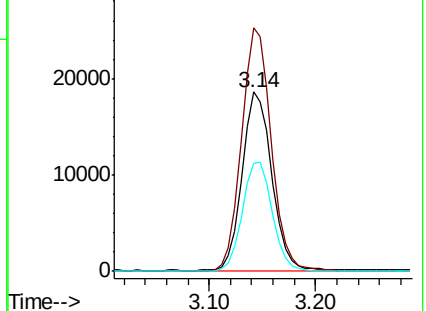
98 60.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.548 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Tgt Ion: 45 Resp: 111879

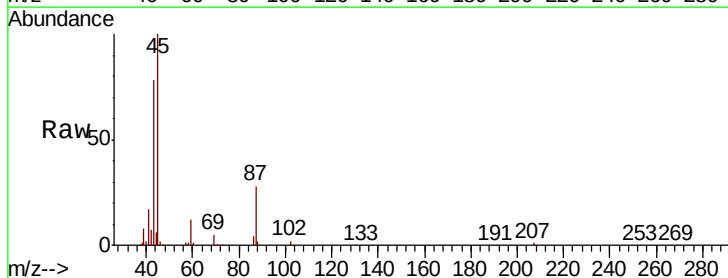
Ion Ratio Lower Upper

45 100

43 77.2 63.8 95.6

87 27.9 22.9 34.3

59 12.1 9.5 14.3

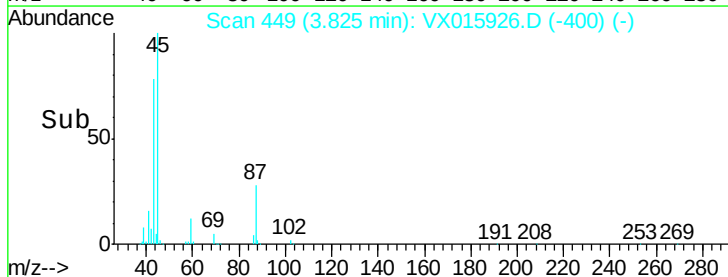
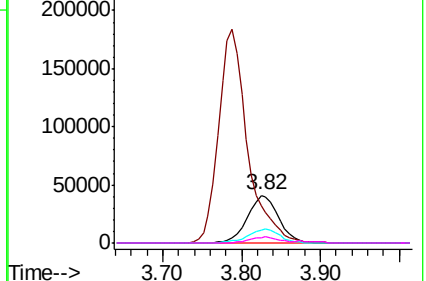


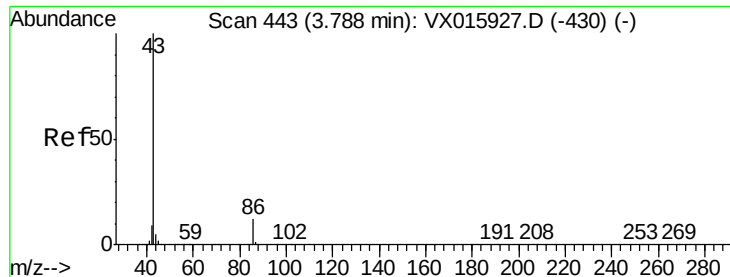
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.156 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

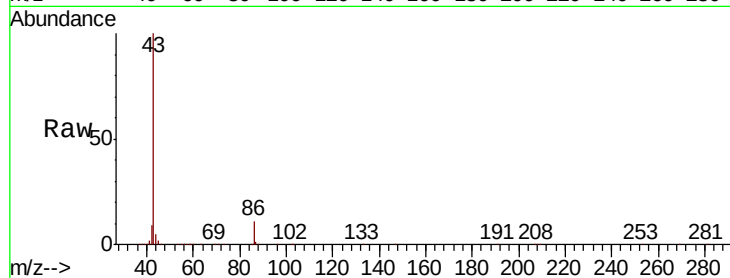
VSTDIC020

Tot Ion: 43 Resp: 469678

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

200000

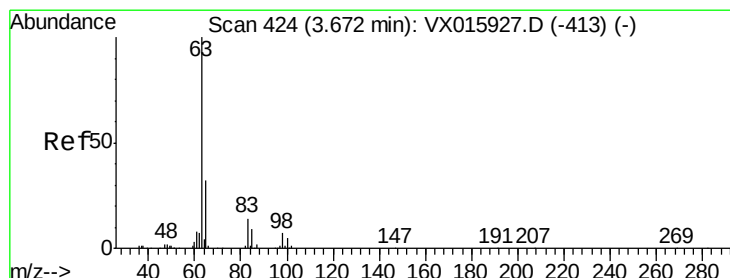
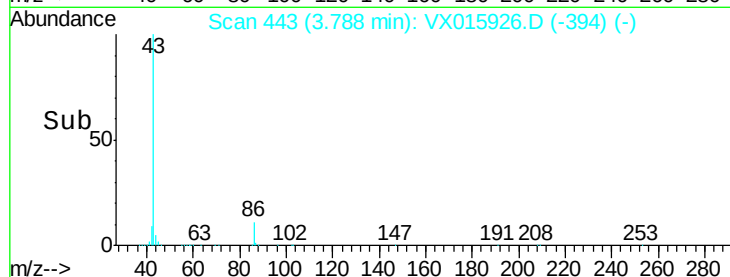
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.951 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

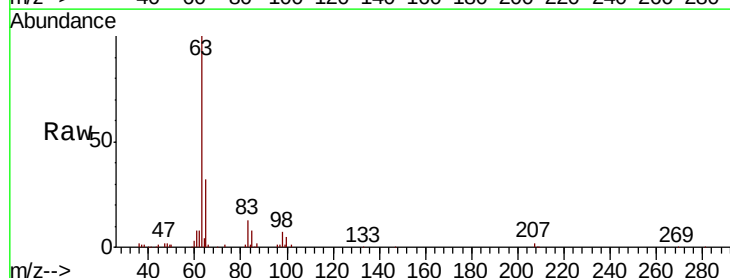
Tgt Ion: 63 Resp: 64969

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.7 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

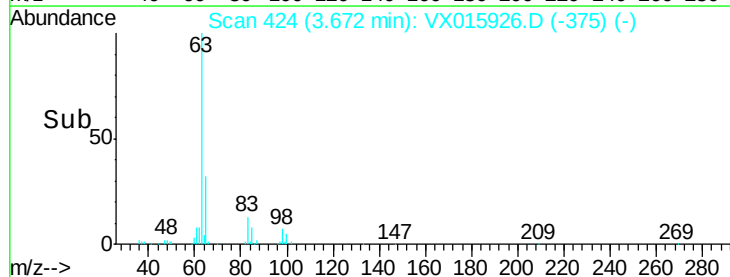
30000

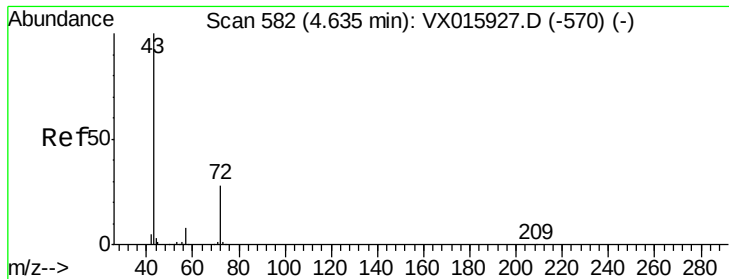
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 101.064 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

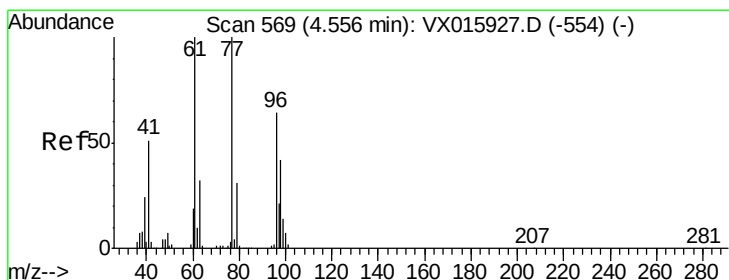
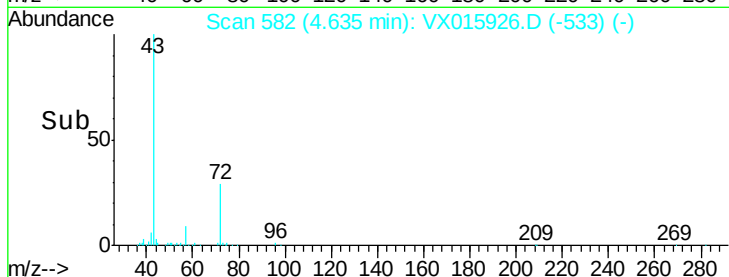
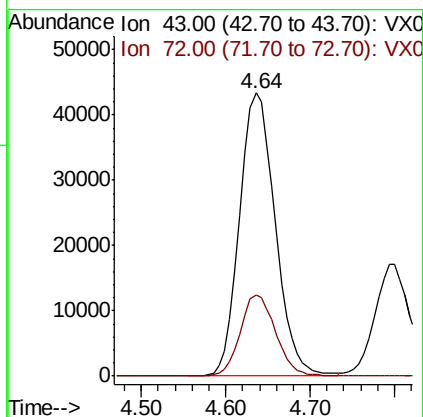
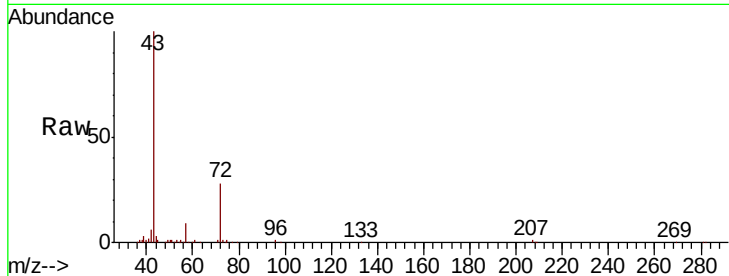
VSTDIC020

Tot Ion: 43 Resp: 124043

Ion Ratio Lower Upper

43 100

72 28.3 22.4 33.6



#26

2,2-Dichloropropane

Concen: 19.619 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015926.D

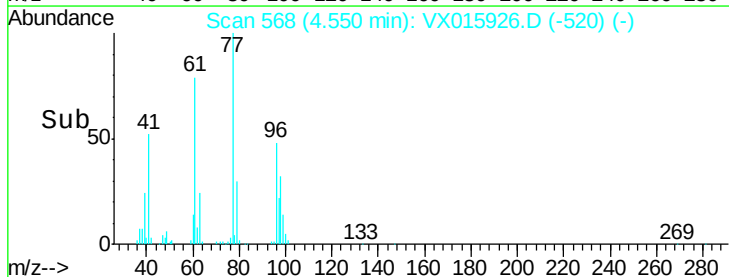
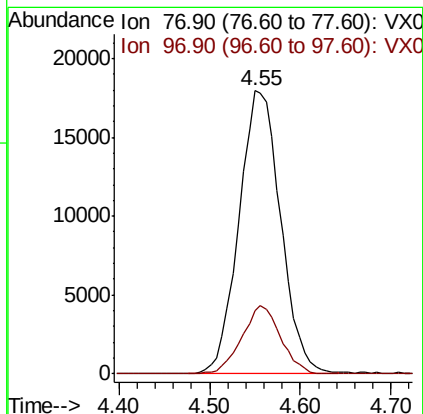
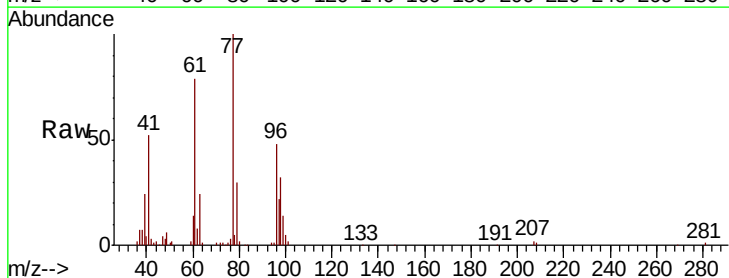
Acq: 24 Apr 2020 11:50

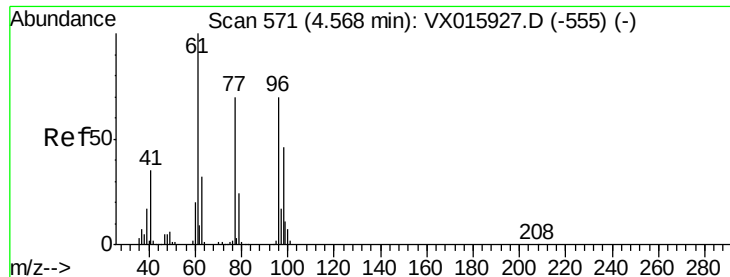
Tgt Ion: 77 Resp: 57017

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



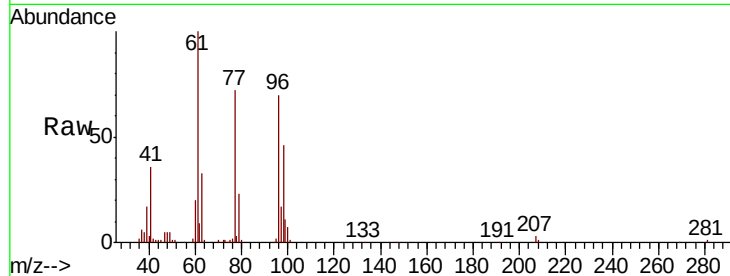


#27

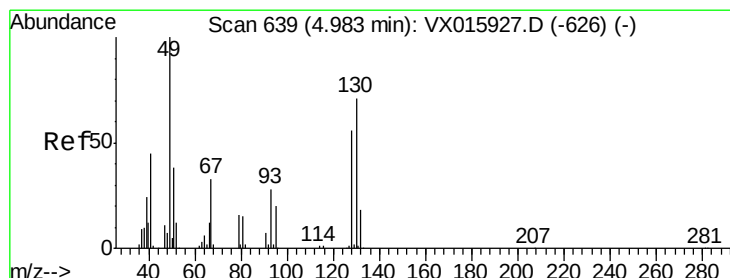
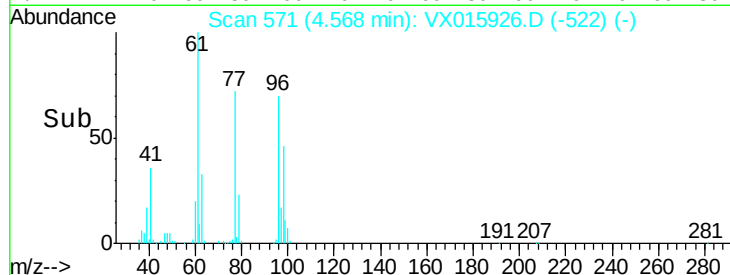
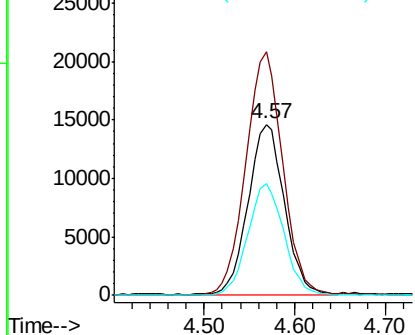
cis-1,2-Dichloroethene
 Concen: 19.390 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	293.4
98	65.1	0.0	129.0



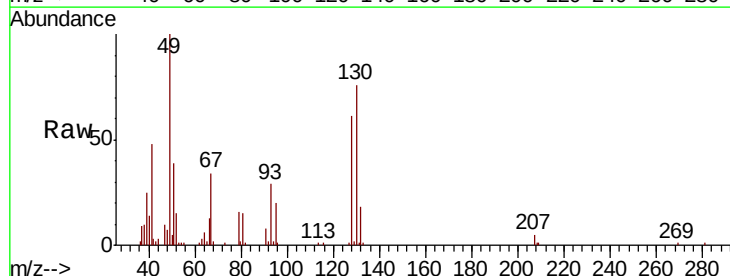
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



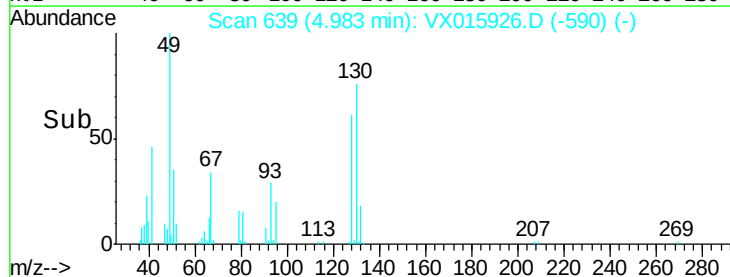
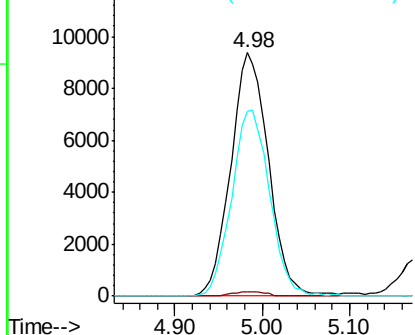
#28

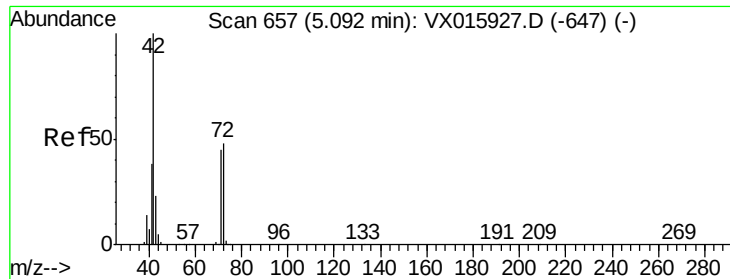
Bromochloromethane
 Concen: 19.428 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	76.4	60.7	91.1



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





#29

Tetrahydrofuran

Concen: 99.897 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

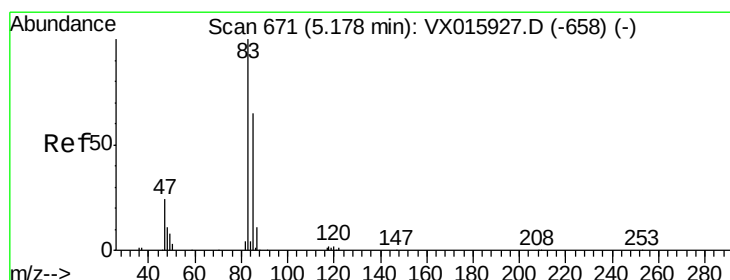
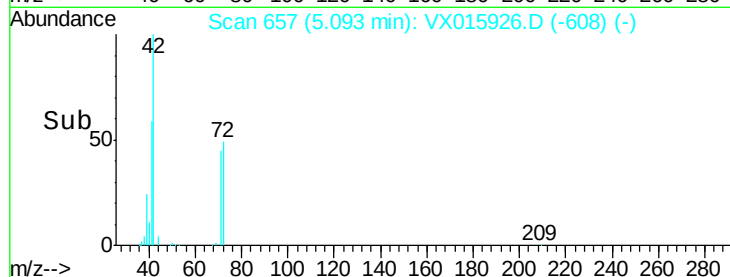
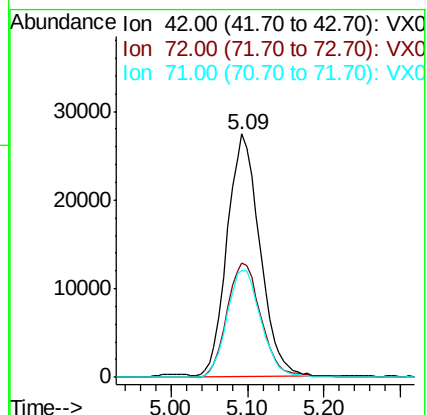
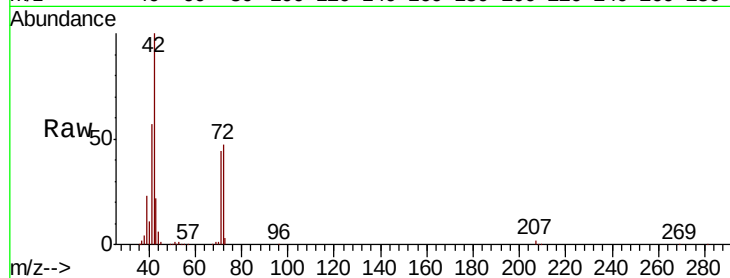
Tot Ion: 42 Resp: 81483

Ion Ratio Lower Upper

42 100

72 49.4 39.5 59.3

71 45.9 36.4 54.6



#30

Chloroform

Concen: 20.101 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX015926.D

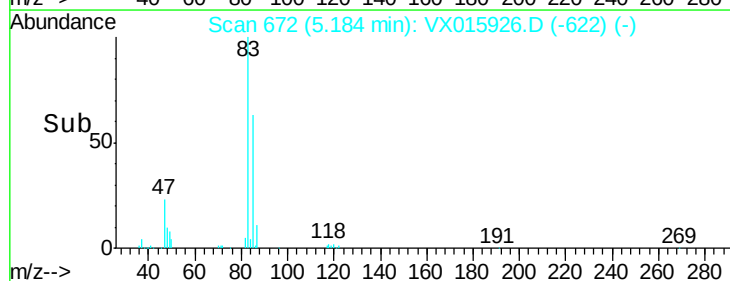
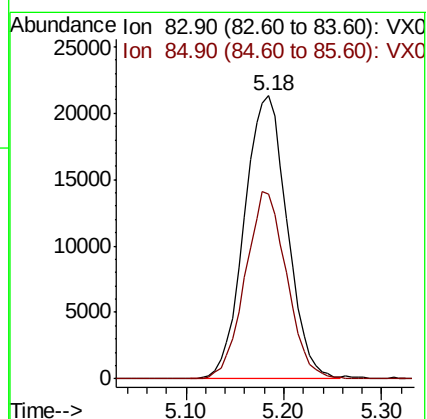
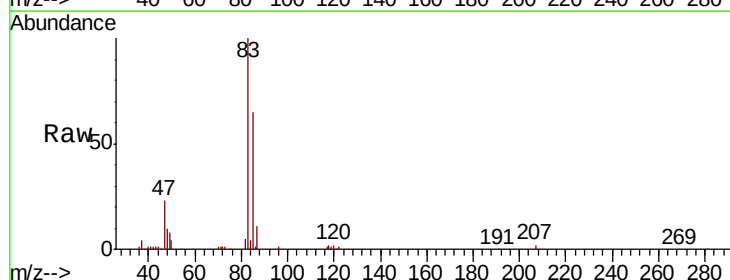
Acq: 24 Apr 2020 11:50

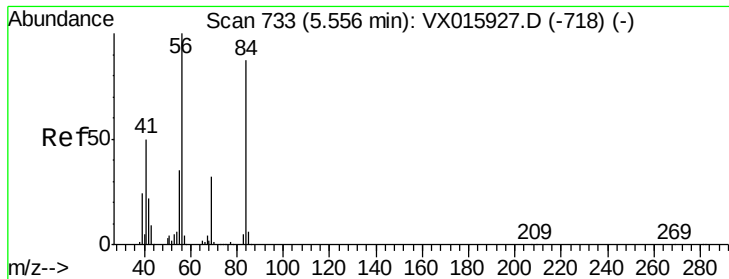
Tgt Ion: 83 Resp: 64705

Ion Ratio Lower Upper

83 100

85 65.1 51.7 77.5





#31

Cyclohexane

Concen: 19.847 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

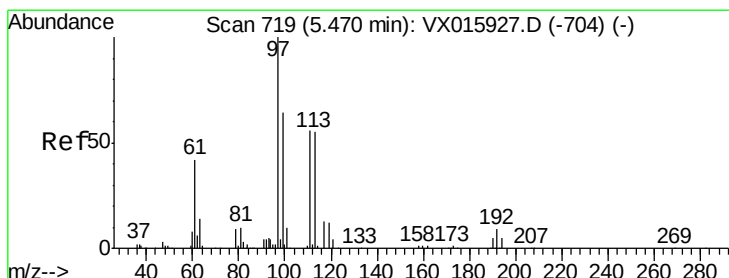
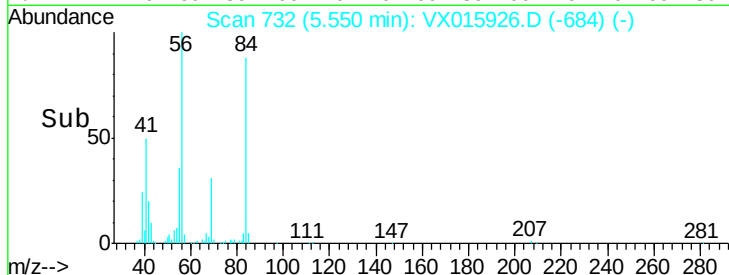
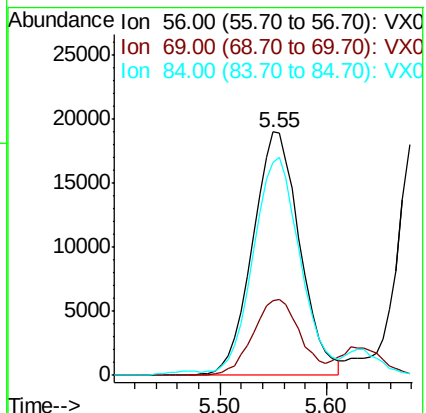
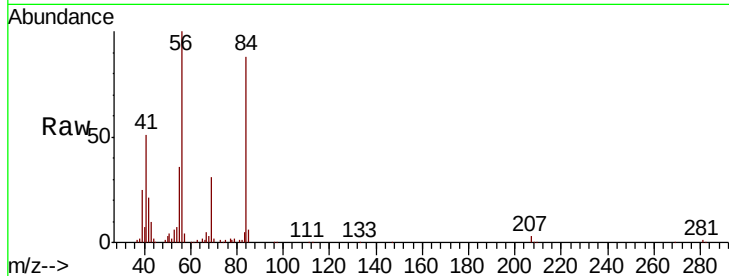
Tot Ion: 56 Resp: 58763

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 85.8 69.5 104.3



#32

1,1,1-Trichloroethane

Concen: 19.749 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

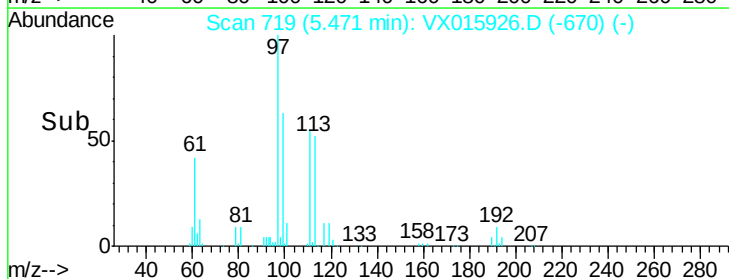
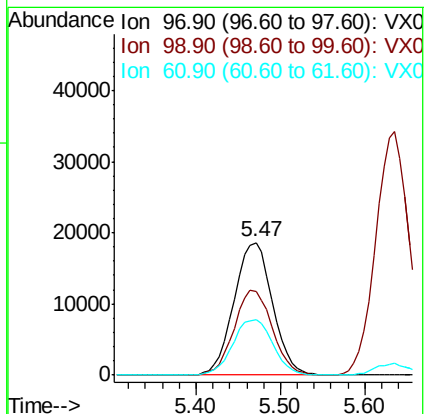
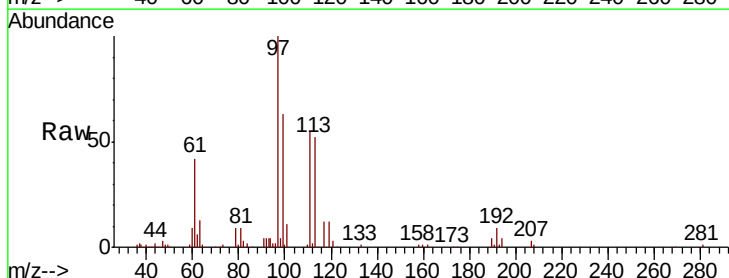
Tgt Ion: 97 Resp: 57657

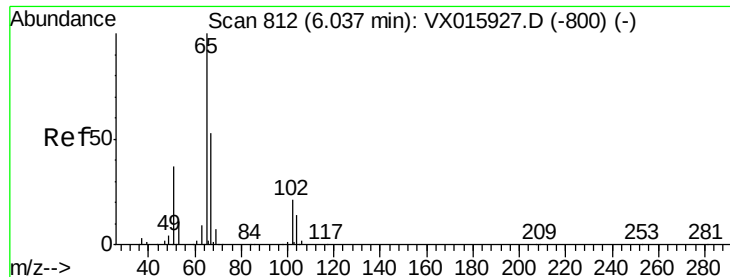
Ion Ratio Lower Upper

97 100

99 63.5 51.1 76.7

61 43.6 35.0 52.4

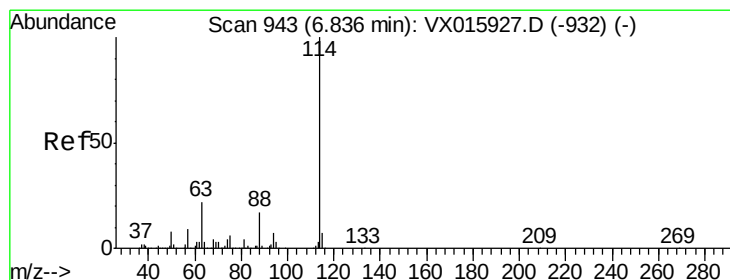
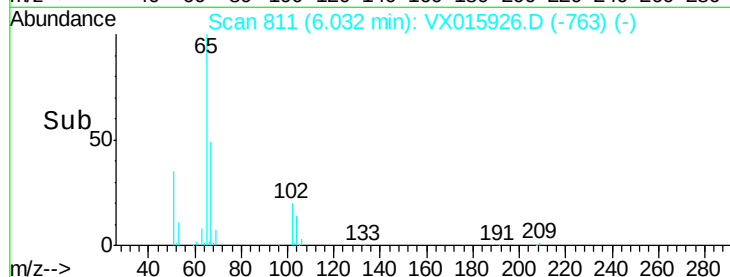
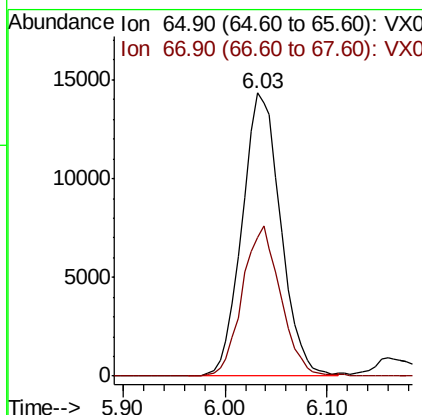
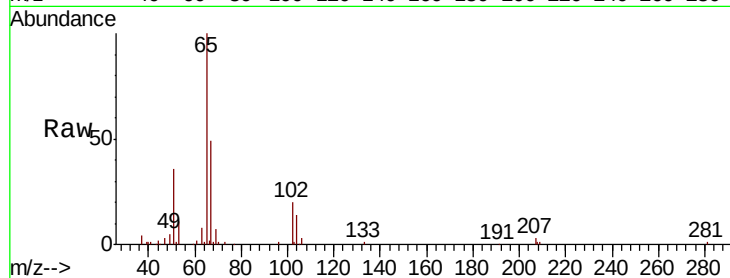




#33
 1,2-Dichloroethane-d4
 Concen: 18.321 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

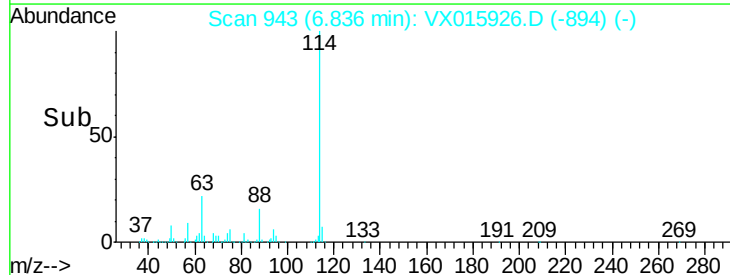
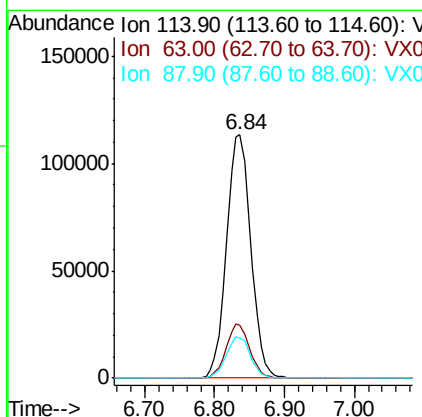
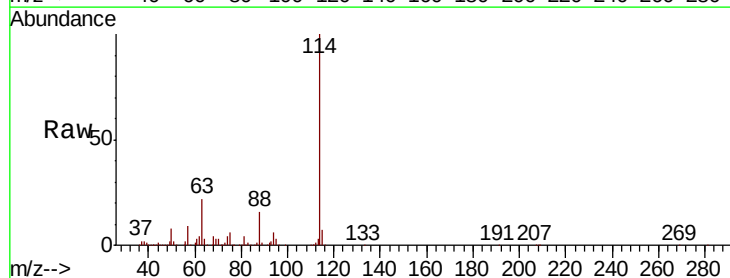
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

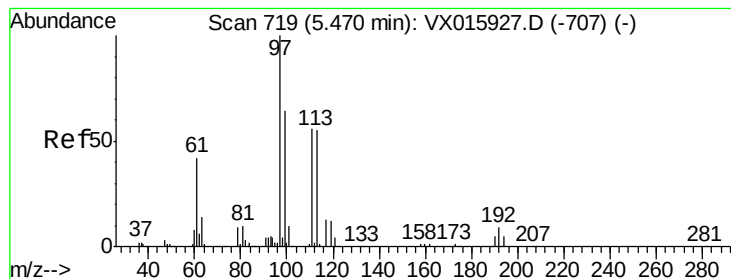
Tot Ion: 65 Resp: 37852
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 114 Resp: 274439
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.4
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 18.411 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

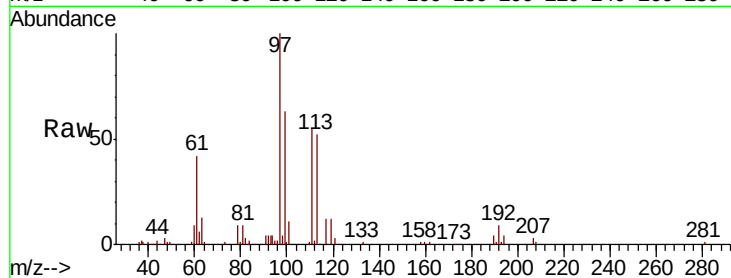
Tot Ion:113 Resp: 28114

Ion Ratio Lower Upper

113 100

111 104.3 81.2 121.8

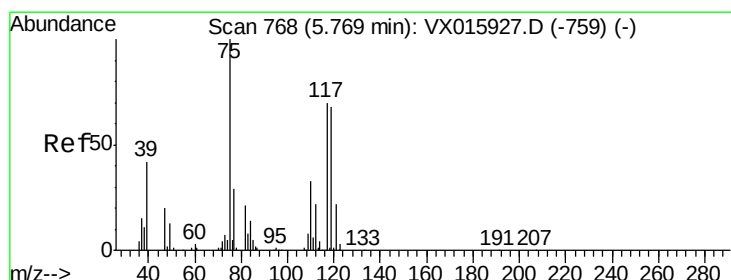
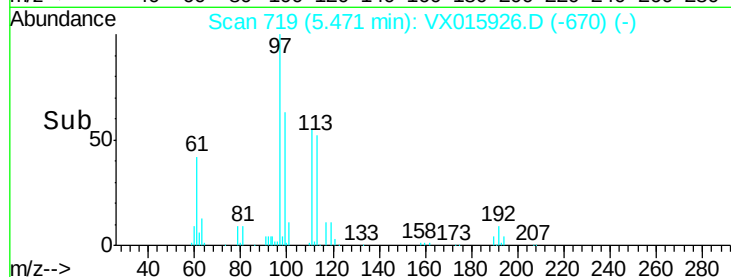
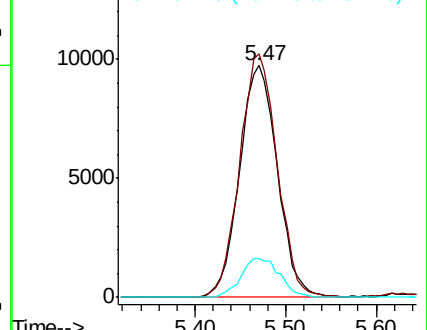
192 17.0 13.6 20.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.996 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

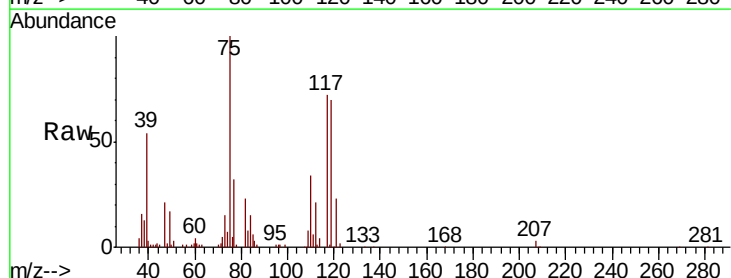
Tgt Ion: 75 Resp: 49321

Ion Ratio Lower Upper

75 100

110 34.9 17.1 51.3

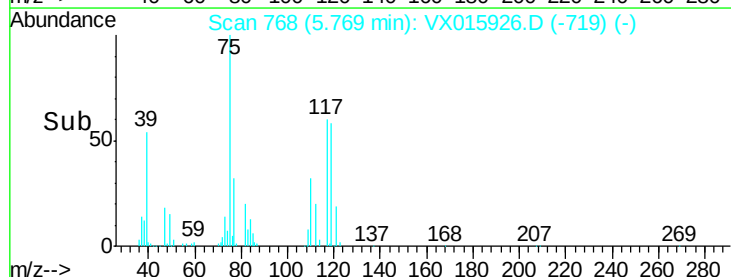
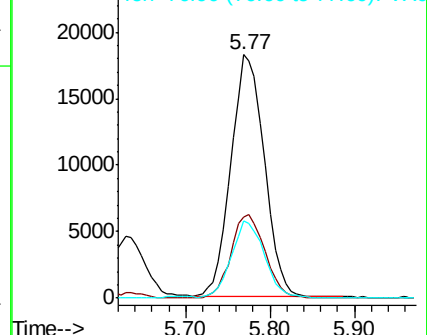
77 31.6 25.0 37.4

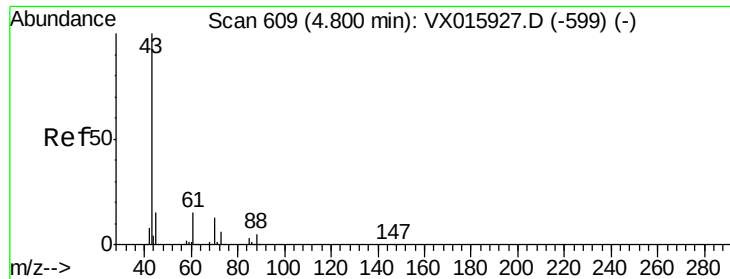


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

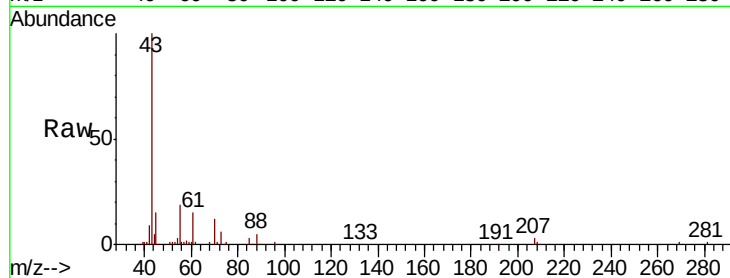




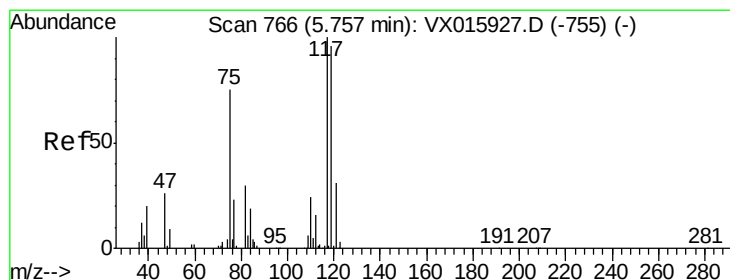
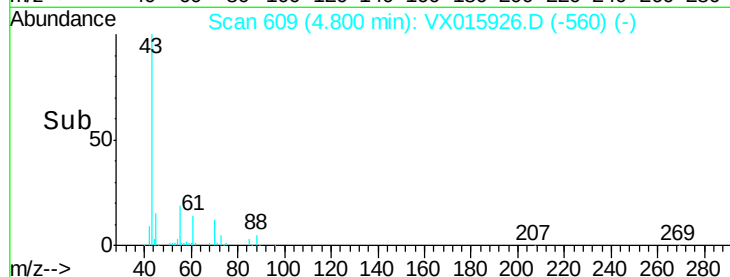
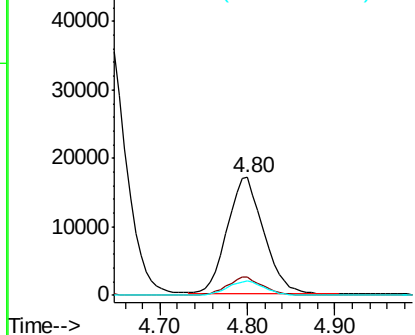
#37
Ethyl Acetate
Concen: 19.164 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.6	17.4
70	12.0	9.8	14.6

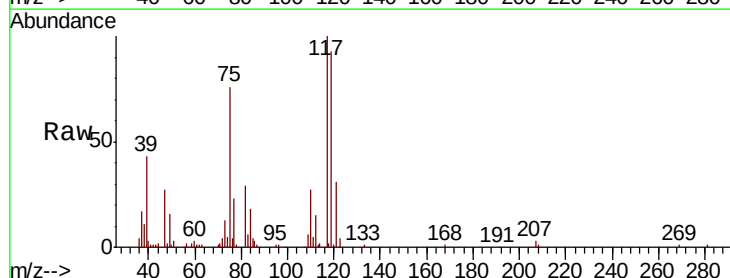


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

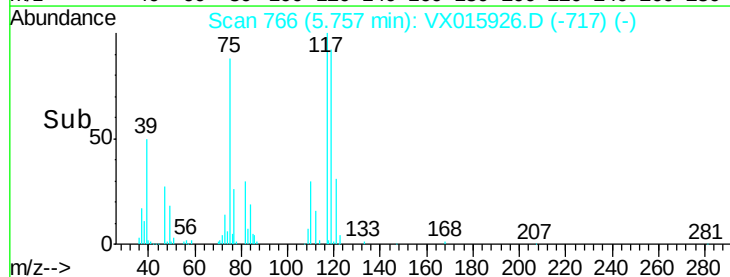
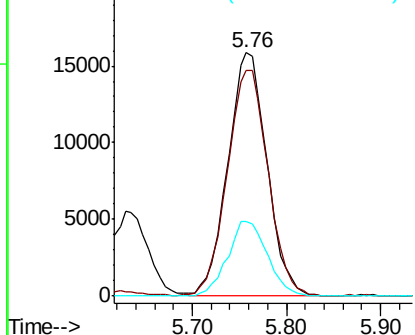


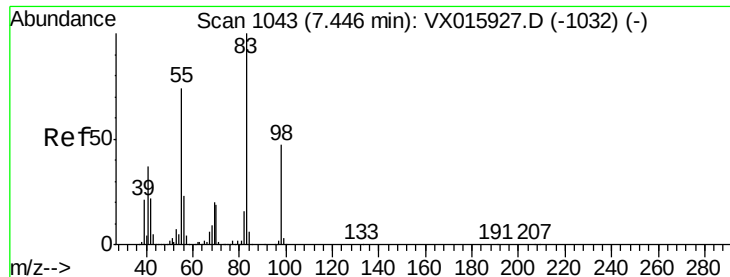
#38
Carbon Tetrachloride
Concen: 19.660 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.0	115.6
121	30.8	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

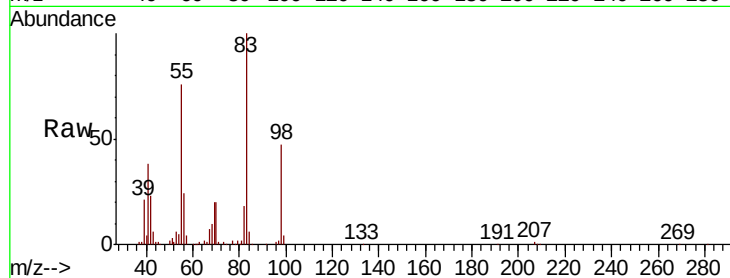




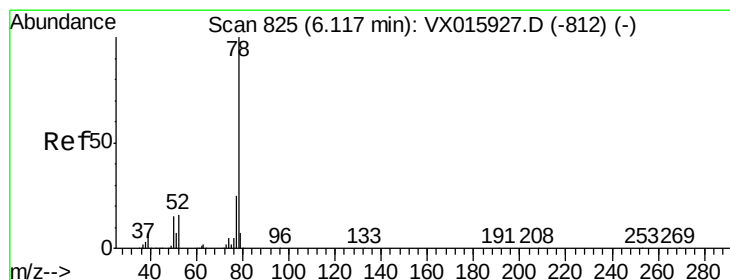
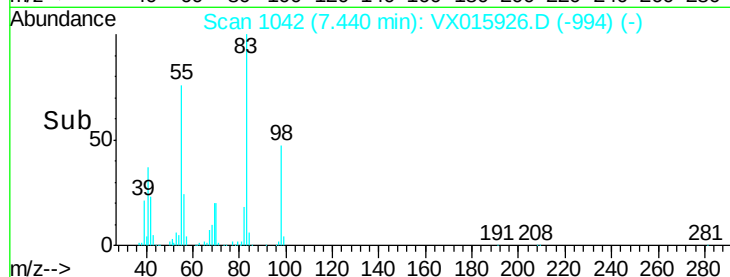
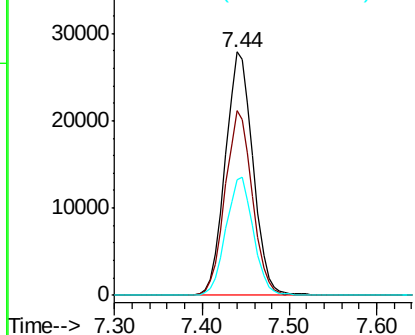
#39
Methylvlcyclohexane
Concen: 19.596 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	61256
Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.0	88.4
98	47.3	37.4	56.0

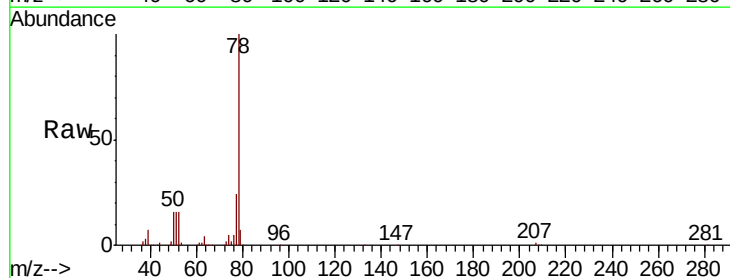


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

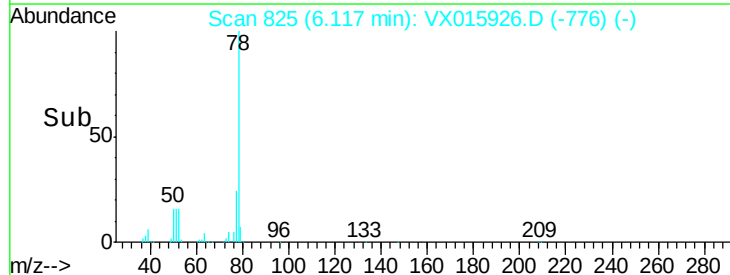
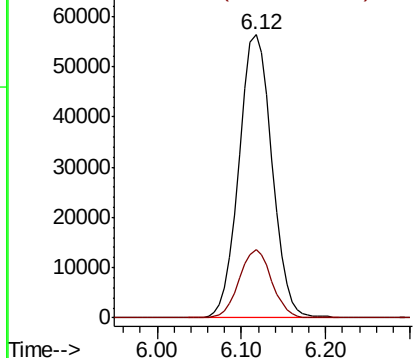


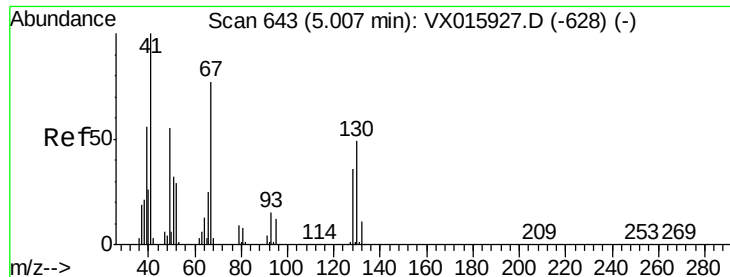
#40
Benzene
Concen: 19.855 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion	78	Resp	149535
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

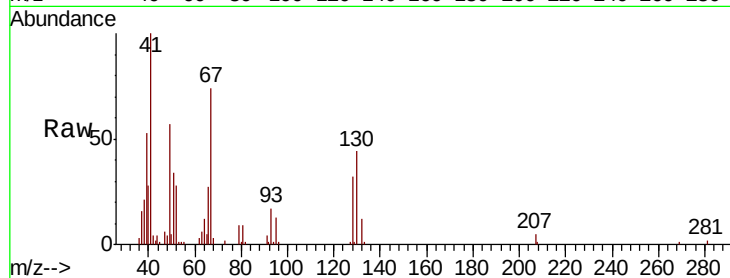




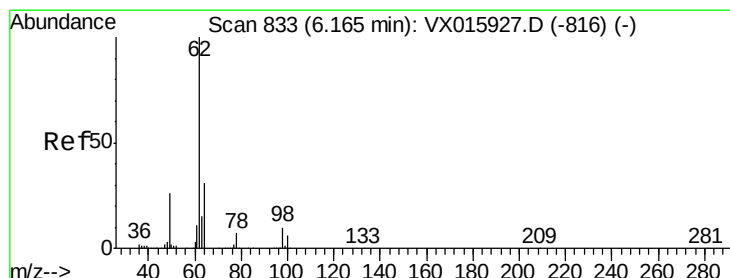
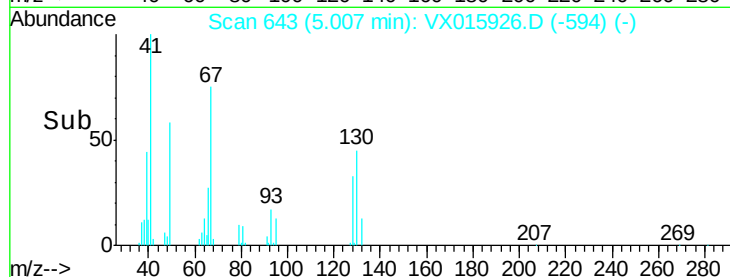
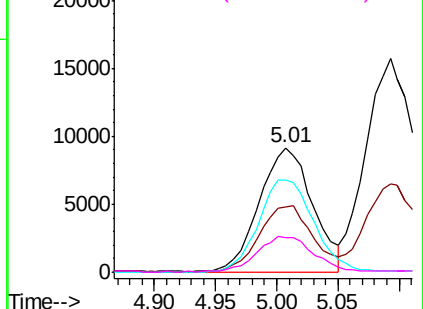
#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	28003
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.8	64.2
67	77.2	62.0	93.0
52	30.5	24.2	36.4

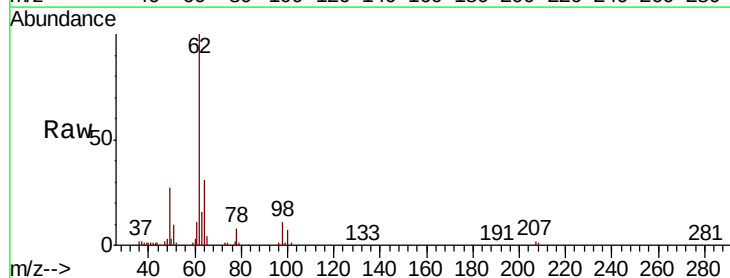


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

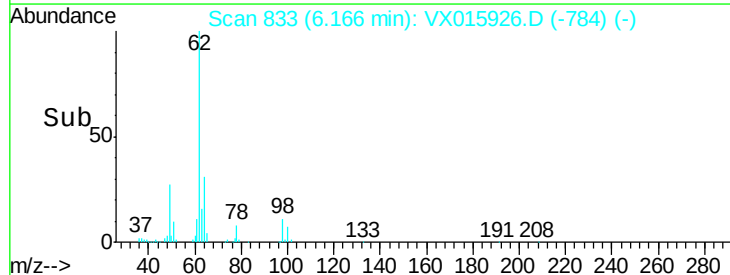
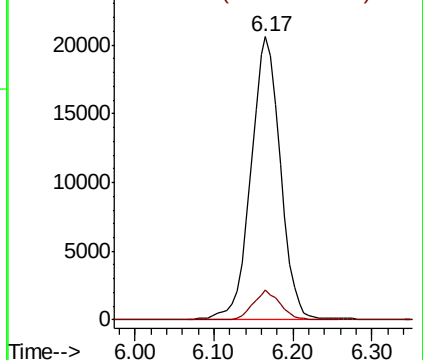


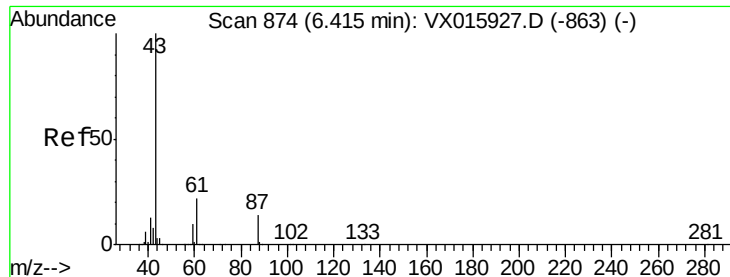
#42
1,2-Dichloroethane
Concen: 20.250 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion:	62	Resp:	53462
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 20.214 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

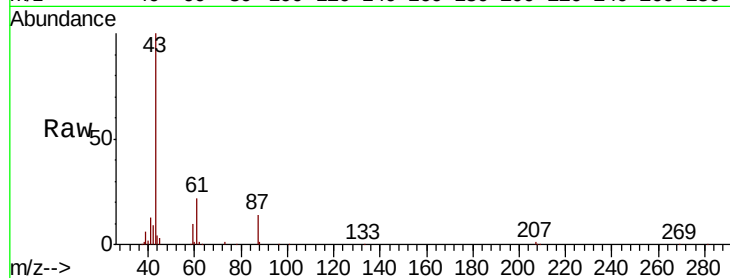
Tot Ion: 43 Resp: 84854

Ion Ratio Lower Upper

43 100

61 22.0 17.6 26.4

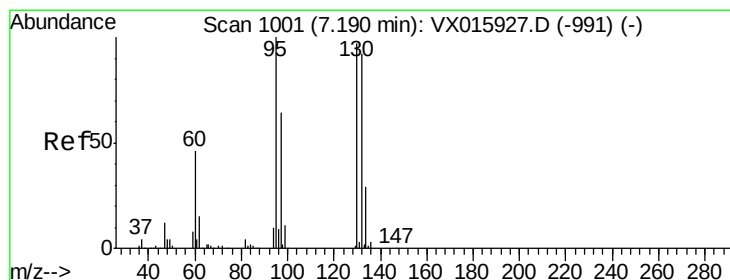
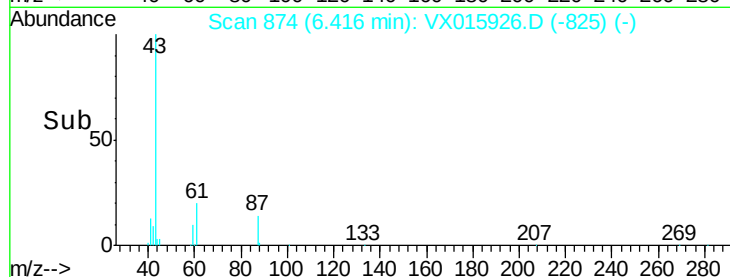
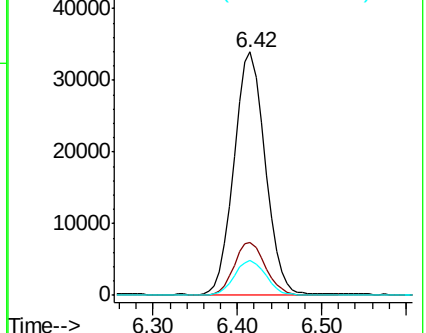
87 14.5 11.6 17.4



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: 19.854 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015926.D

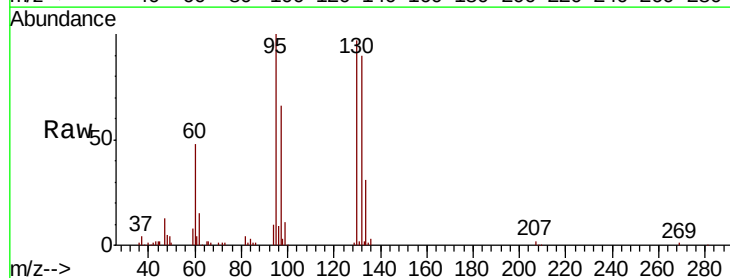
Acq: 24 Apr 2020 11:50

Tgt Ion:130 Resp: 46467

Ion Ratio Lower Upper

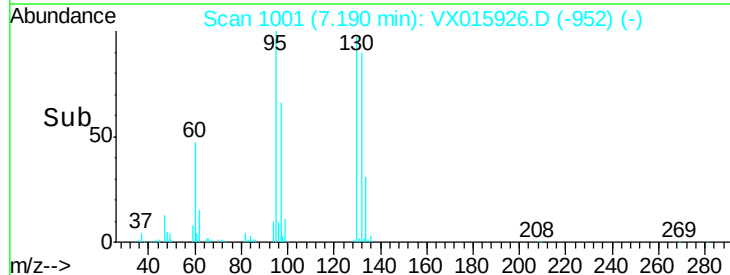
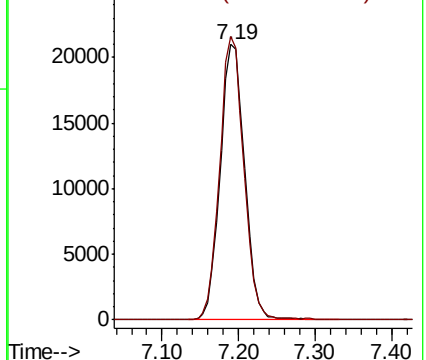
130 100

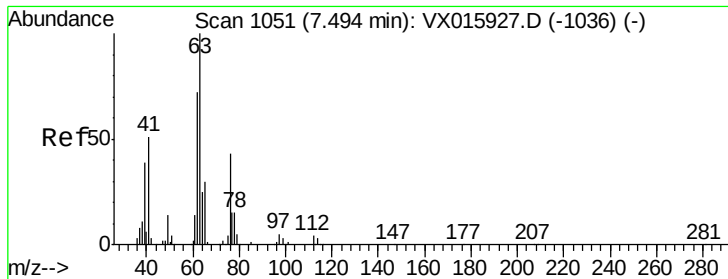
95 102.7 0.0 205.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

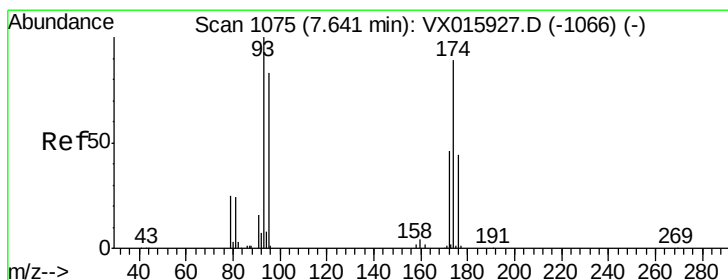
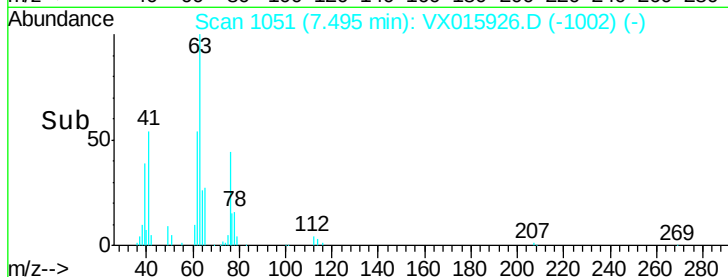
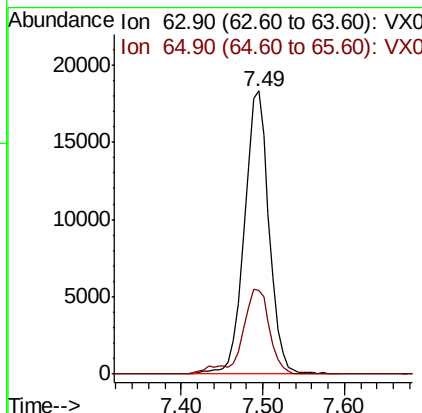
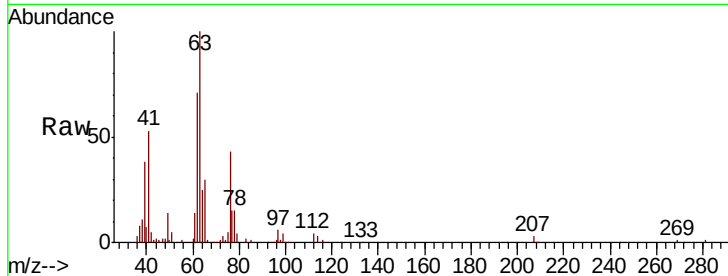




#45
 1,2-Dichloropropane
 Concen: 19.969 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

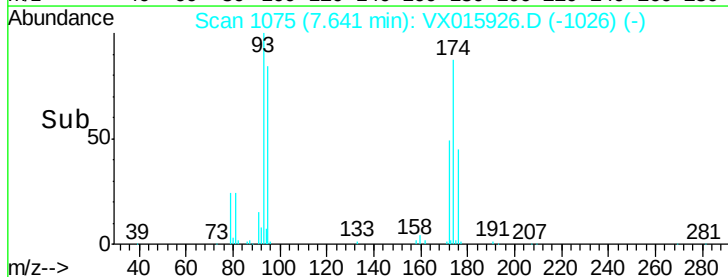
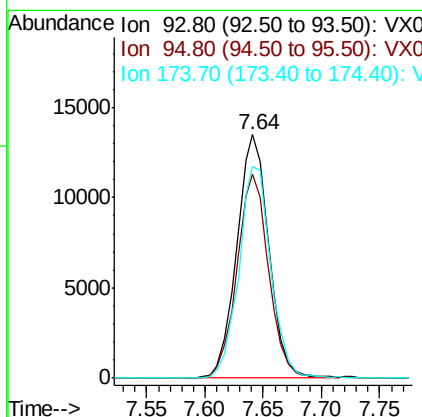
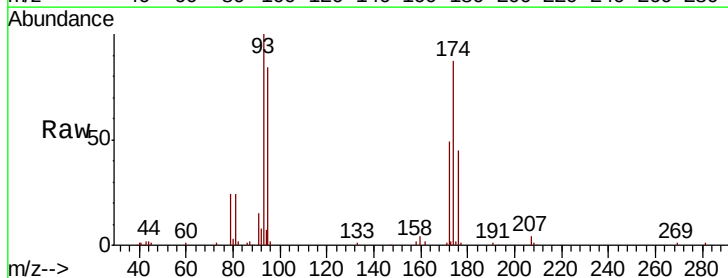
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

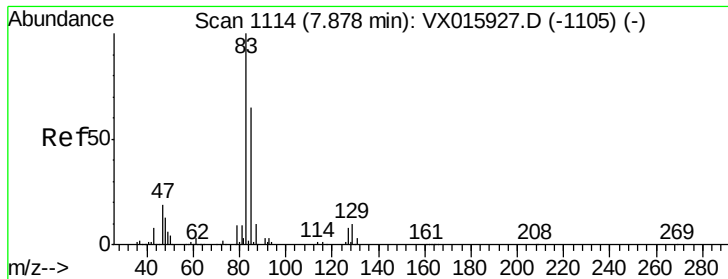
Tot Ion: 63 Resp: 38408
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5



#46
 Dibromomethane
 Concen: 20.066 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 93 Resp: 25852
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.7 98.5
 174 87.1 70.6 105.8





#47

Bromodichloromethane

Concen: 19.884 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

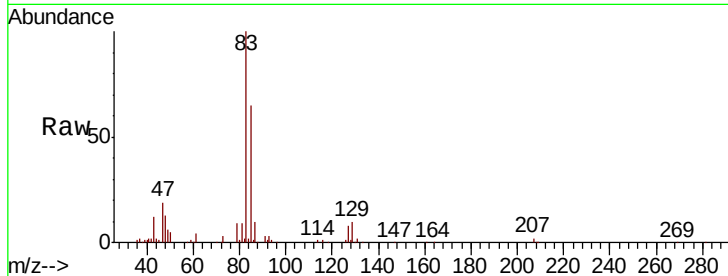
Tot Ion: 83 Resp: 51352

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

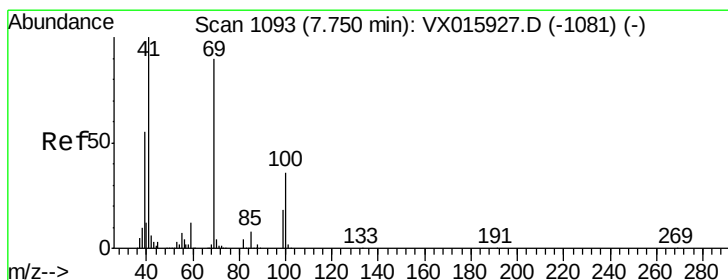
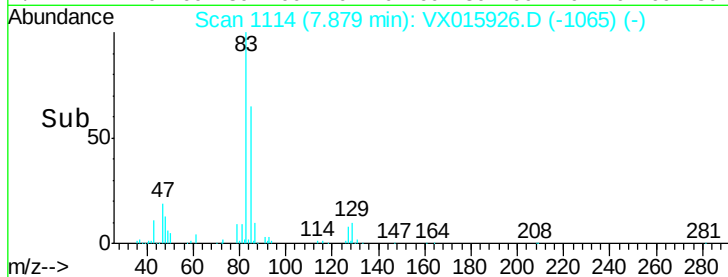
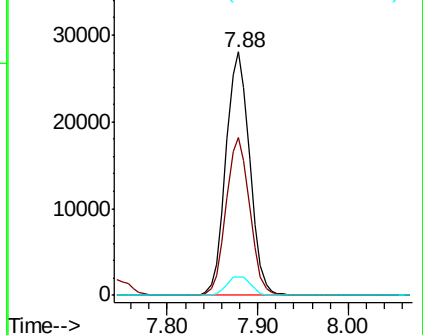
127 7.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.473 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

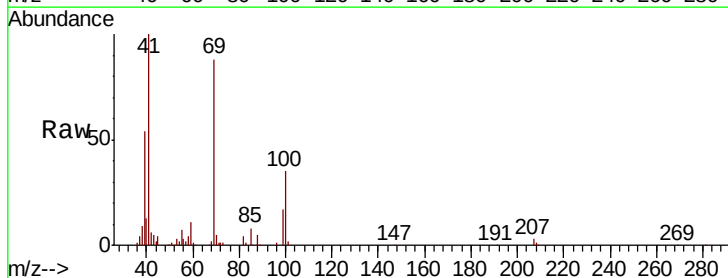
Tgt Ion: 41 Resp: 40277

Ion Ratio Lower Upper

41 100

69 90.1 72.0 108.0

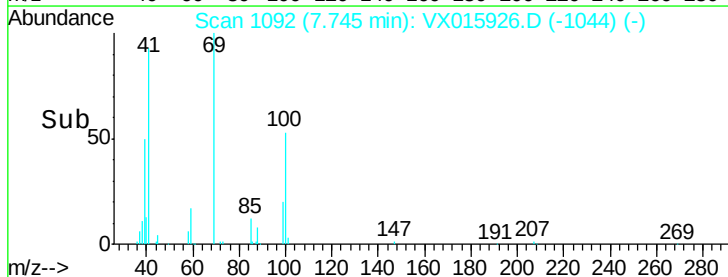
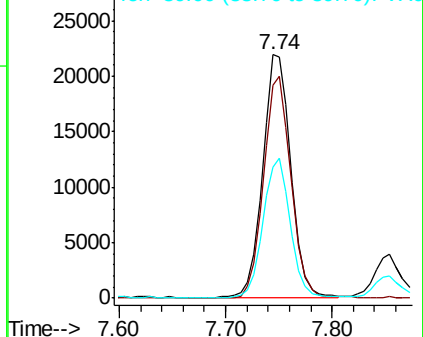
39 56.3 44.1 66.1

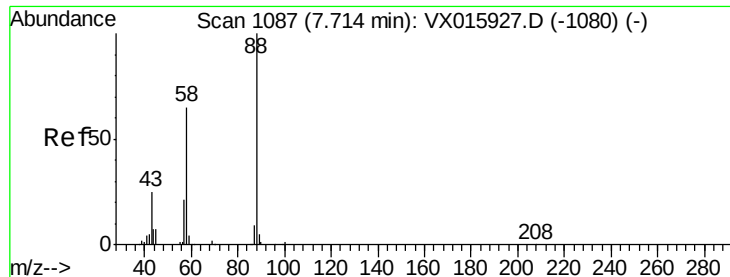


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 395.739 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

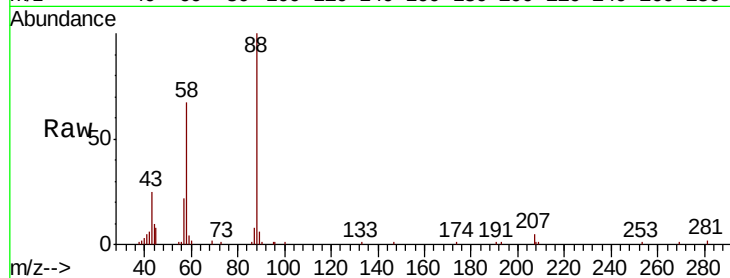
Tot Ion: 88 Resp: 17790

Ion Ratio Lower Upper

88 100

43 30.4 23.8 35.8

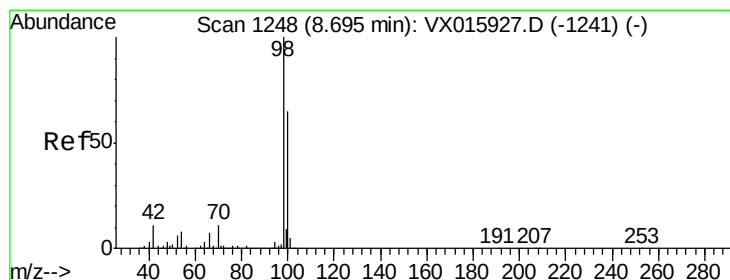
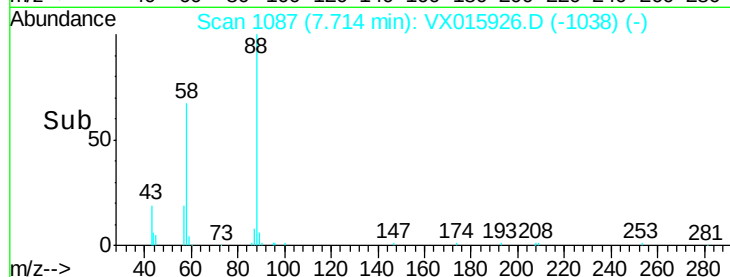
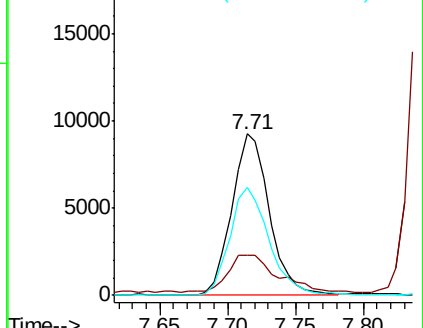
58 70.0 55.7 83.5



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: 18.841 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015926.D

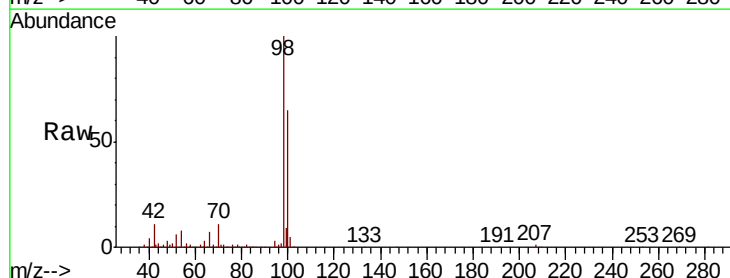
Acq: 24 Apr 2020 11:50

Tgt Ion: 98 Resp: 116286

Ion Ratio Lower Upper

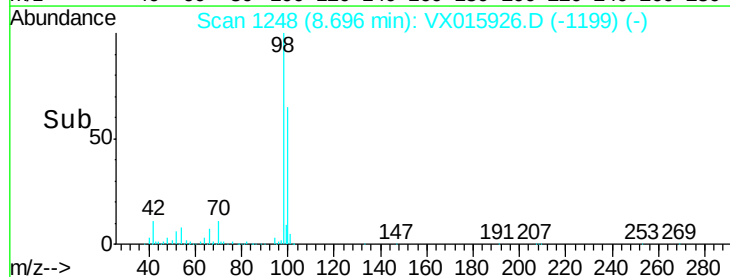
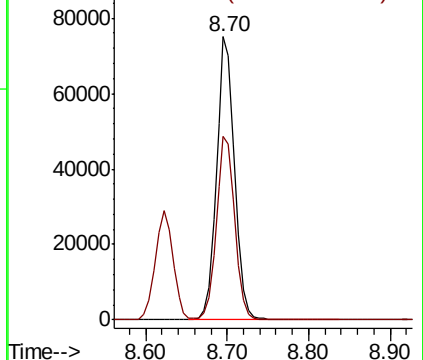
98 100

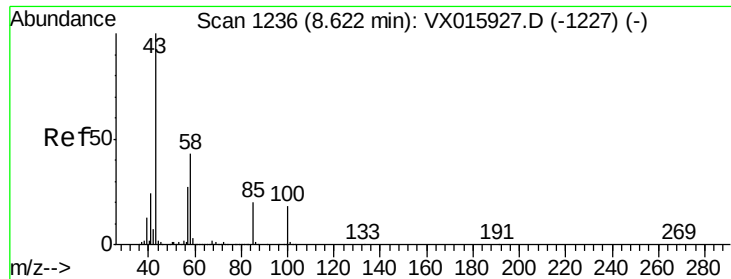
100 66.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

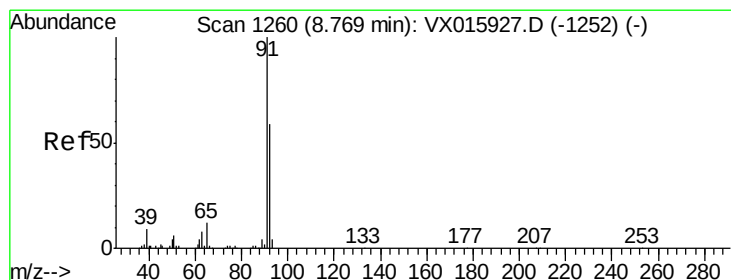
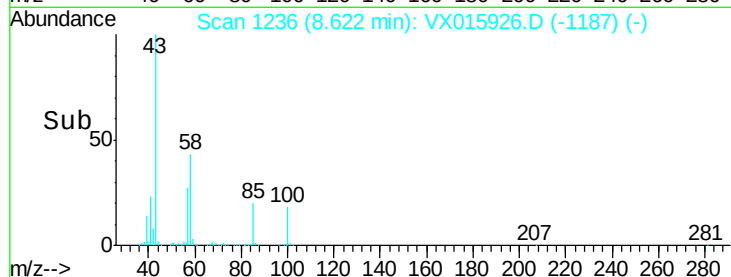
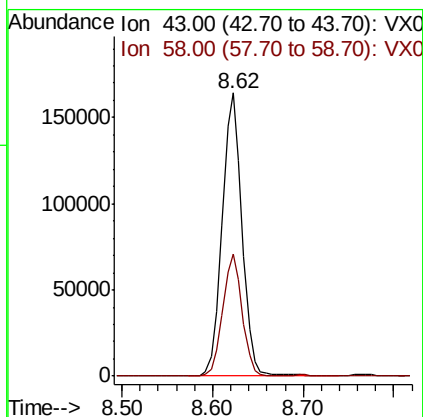
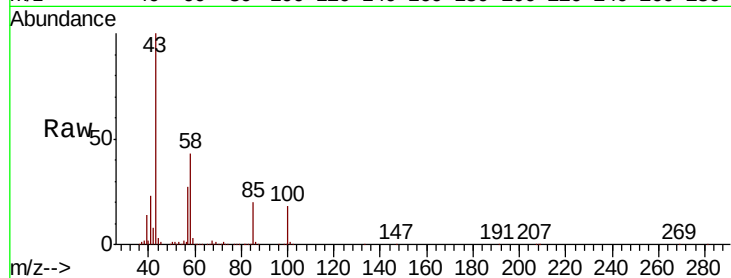




#51
 4-Methyl-2-Pentanone
 Concen: 103.551 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

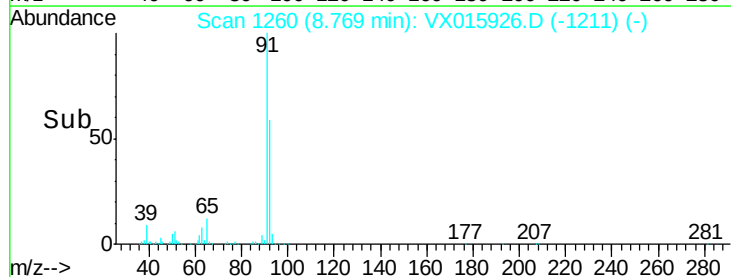
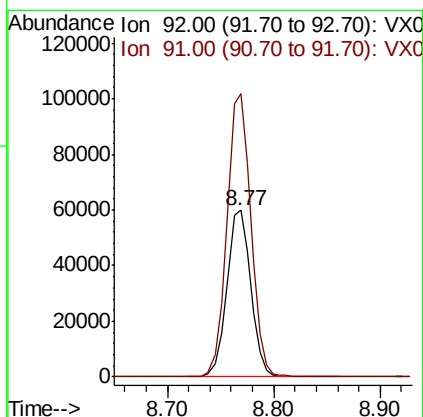
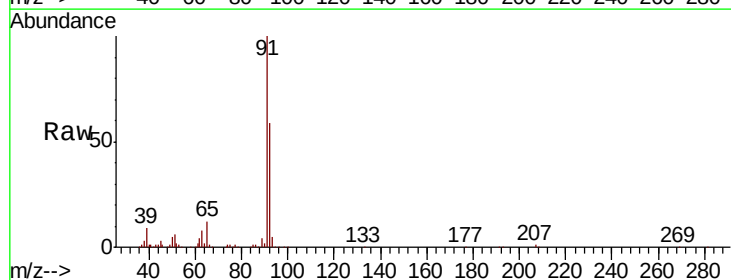
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

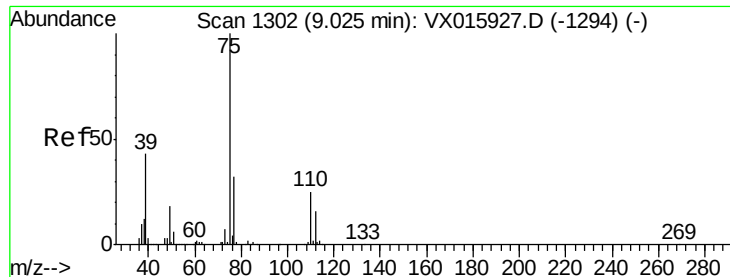
Tot Ion: 43 Resp: 251214
 Ion Ratio Lower Upper
 43 100
 58 42.4 34.2 51.4



#52
 Toluene
 Concen: 19.792 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 92 Resp: 94457
 Ion Ratio Lower Upper
 92 100
 91 171.0 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 19.992 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

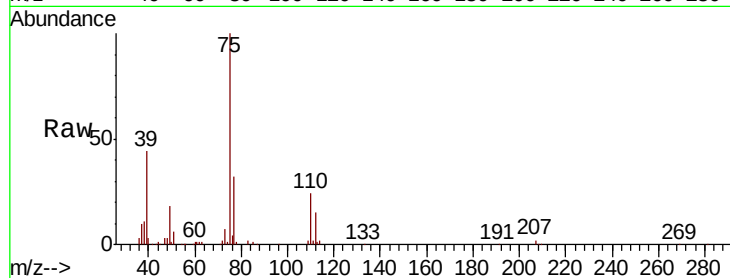
VSTDIC020

Tot Ion: 75 Resp: 62435

Ion Ratio Lower Upper

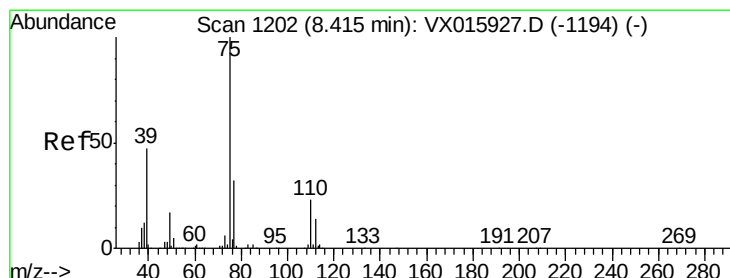
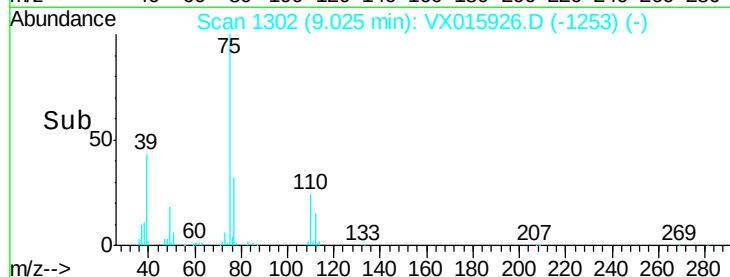
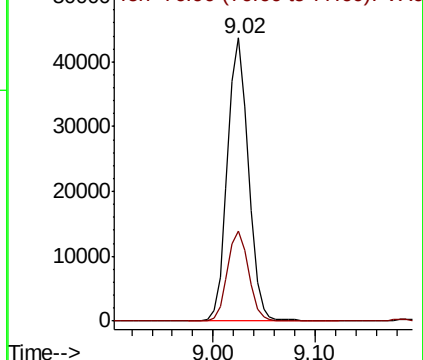
75 100

77 31.8 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: 19.988 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

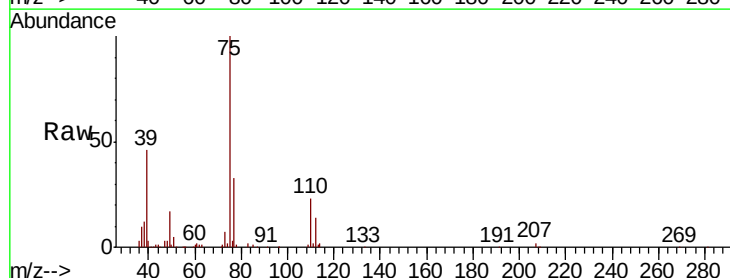
Tgt Ion: 75 Resp: 65253

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

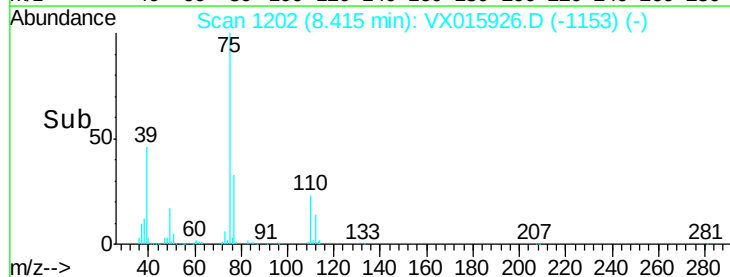
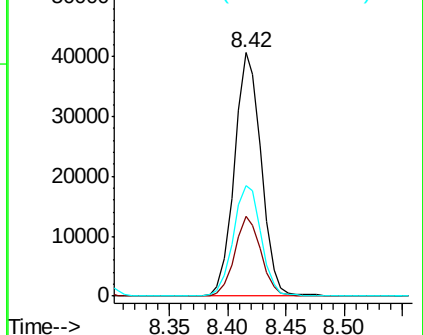
39 45.4 37.2 55.8

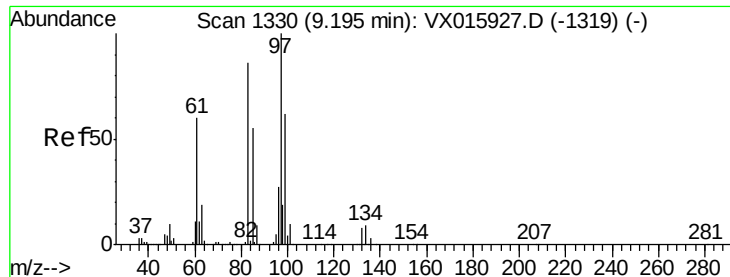


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

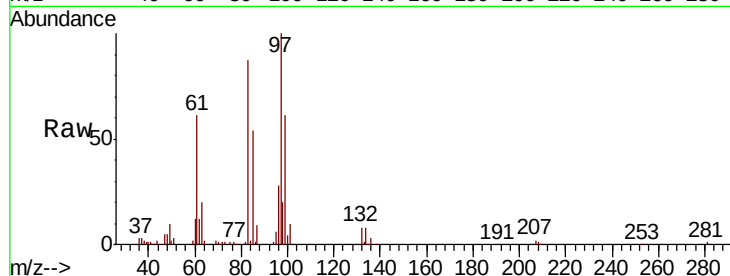




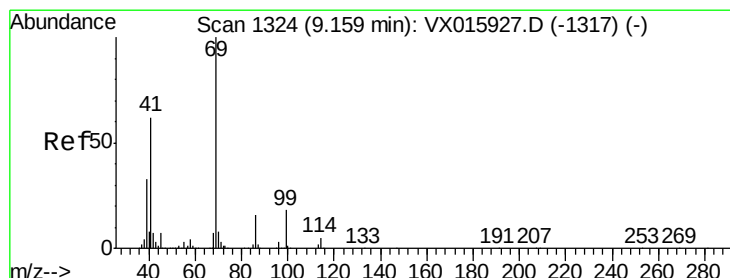
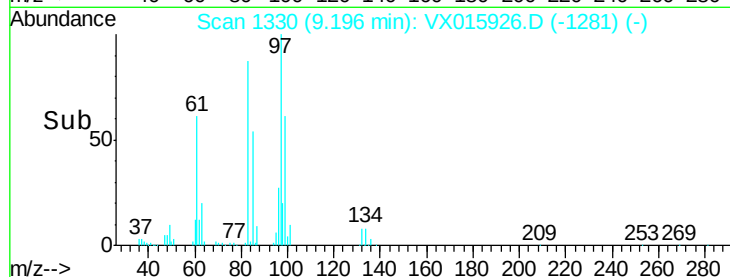
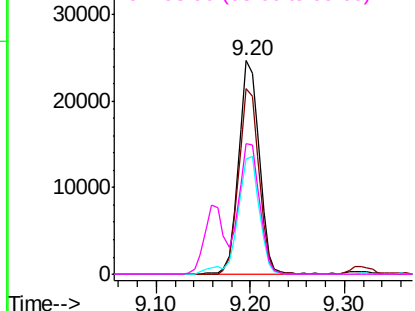
#55
 1,1,2-Trichloroethane
 Concen: 19.693 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 97 Resp: 37635
 Ion Ratio Lower Upper
 97 100
 83 86.9 68.6 103.0
 85 54.0 44.0 66.0
 99 61.4 49.7 74.5

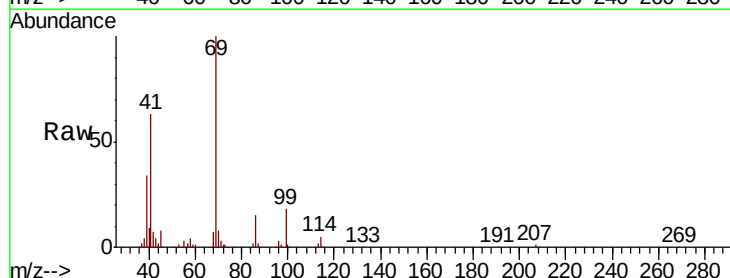


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

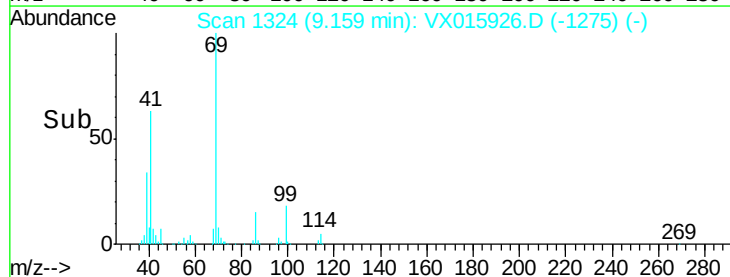
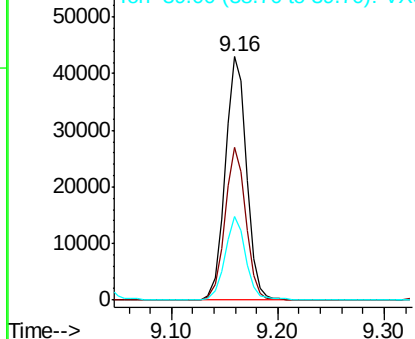


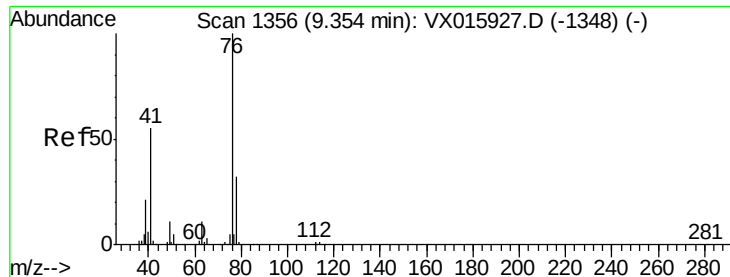
#56
 Ethyl methacrylate
 Concen: 20.264 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 69 Resp: 60360
 Ion Ratio Lower Upper
 69 100
 41 62.1 49.2 73.8
 39 34.2 26.0 39.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.396 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

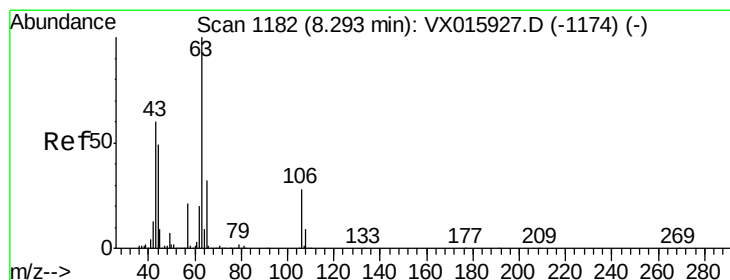
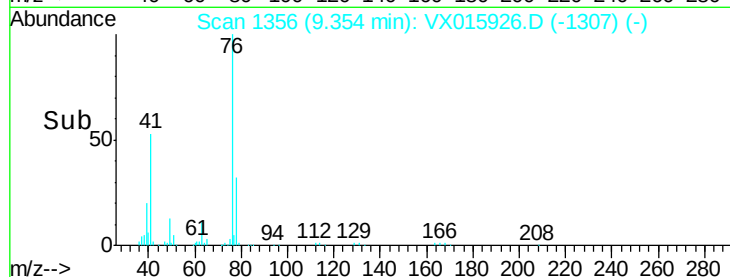
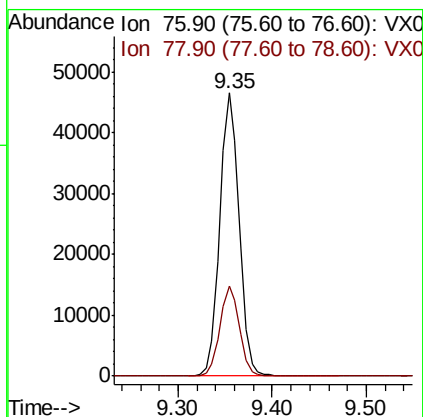
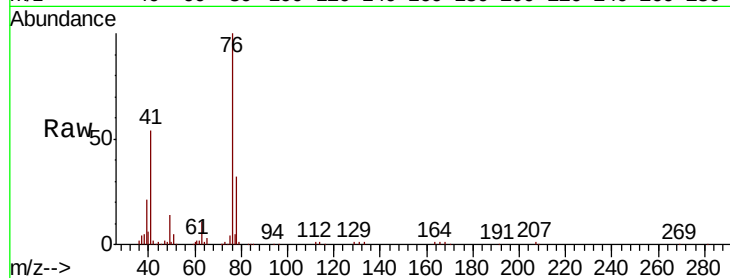
VSTDIC020

Tot Ion: 76 Resp: 66162

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.046 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015926.D

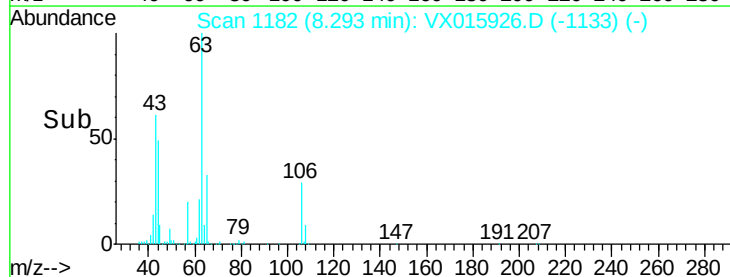
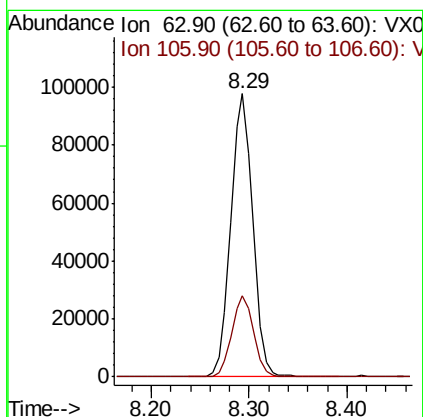
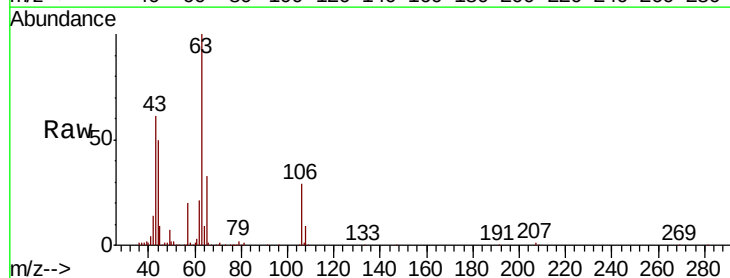
Acq: 24 Apr 2020 11:50

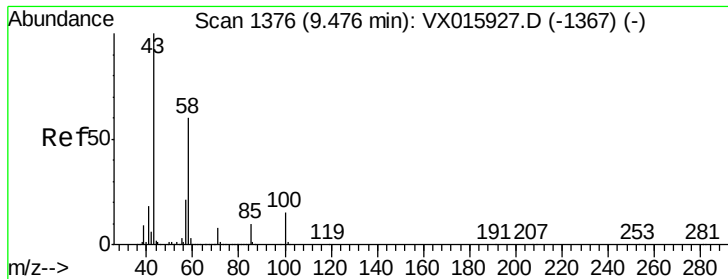
Tgt Ion: 63 Resp: 152609

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6

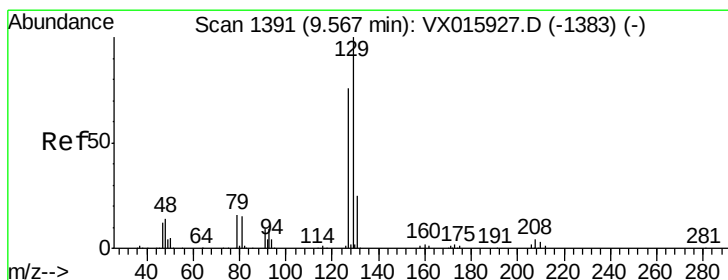
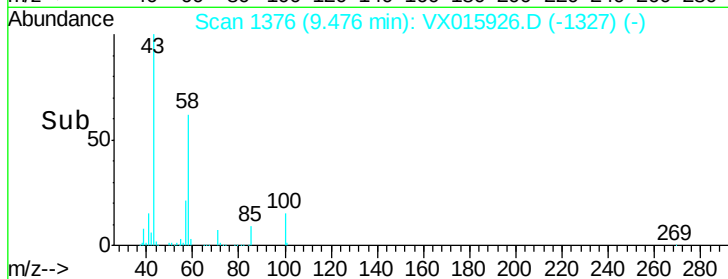
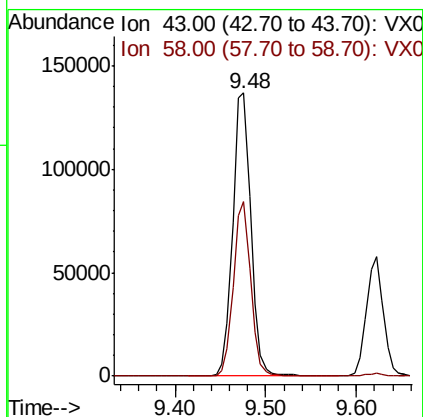
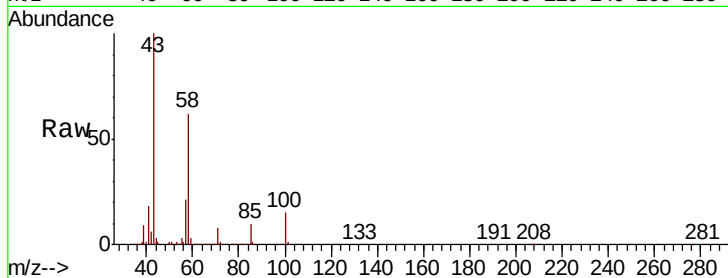




#59
2-Hexanone
Concen: 103.987 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

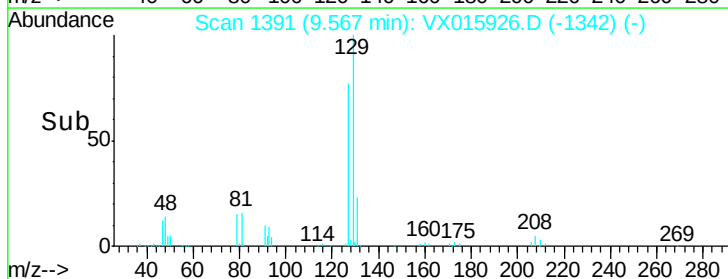
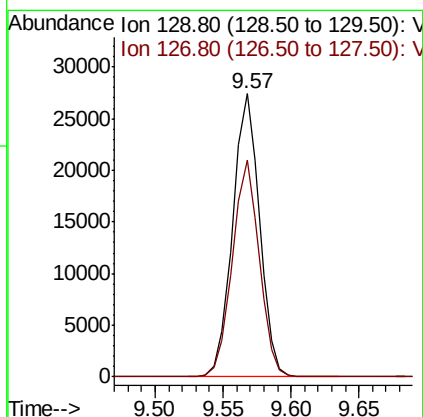
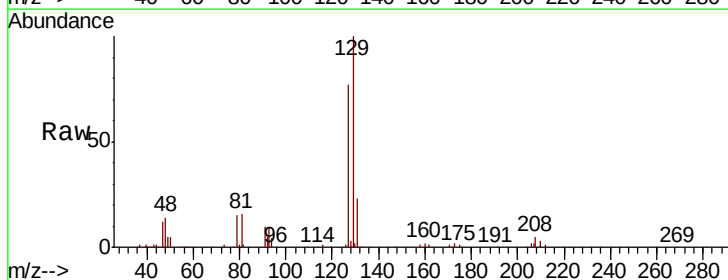
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

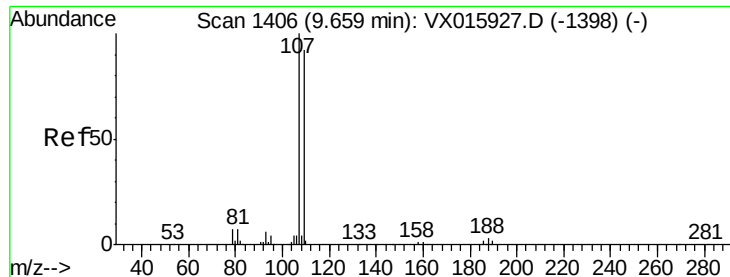
Tot Ion: 43 Resp: 189530
Ion Ratio Lower Upper
43 100
58 59.2 29.7 89.1



#60
Dibromochloromethane
Concen: 20.616 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 129 Resp: 37682
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.914 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

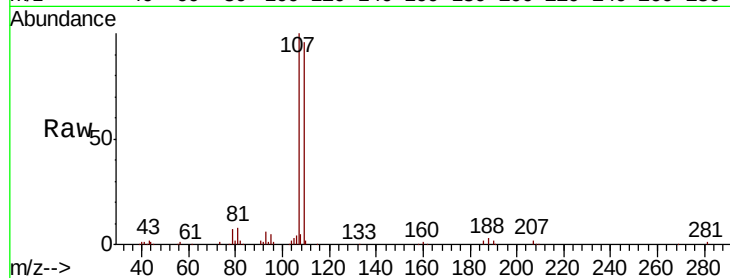
VSTDIC020

Tot Ion:107 Resp: 38993

Ion Ratio Lower Upper

107 100

109 94.9 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

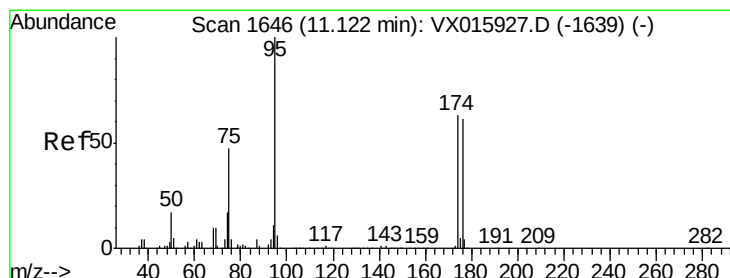
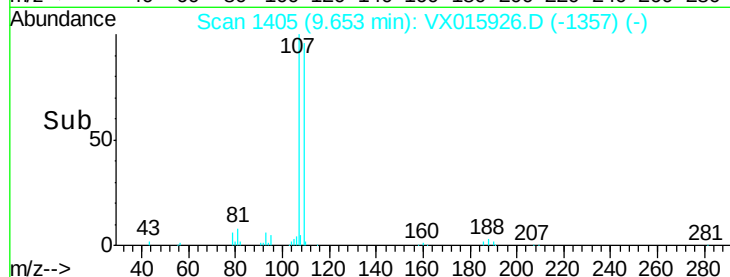
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 17.356 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

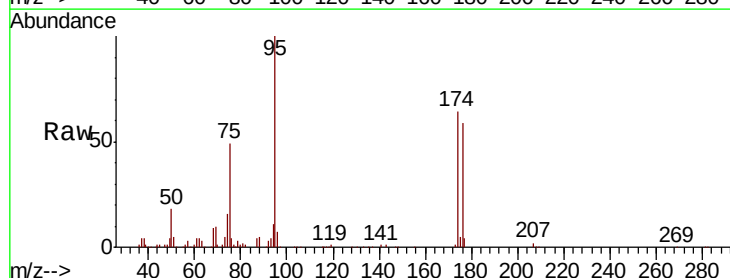
Tgt Ion: 95 Resp: 45469

Ion Ratio Lower Upper

95 100

174 66.4 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

50000

40000

30000

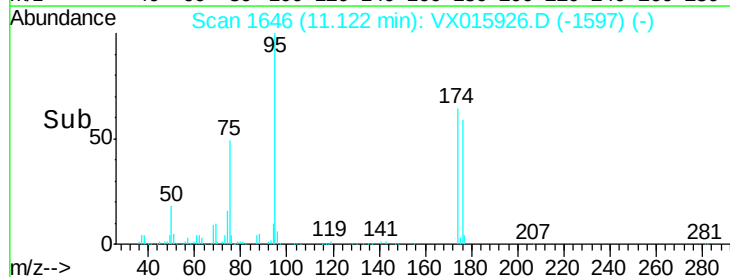
20000

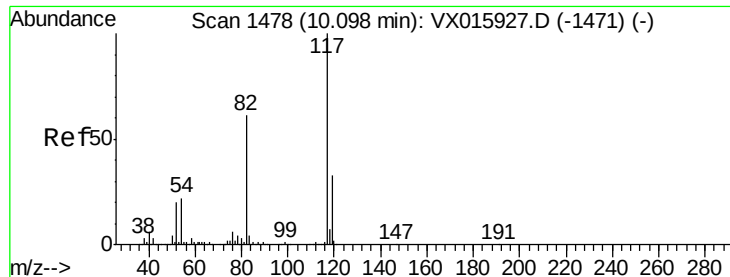
10000

0

Time-->

11.05 11.10 11.15

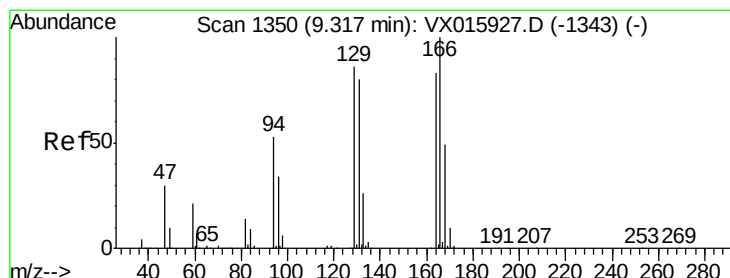
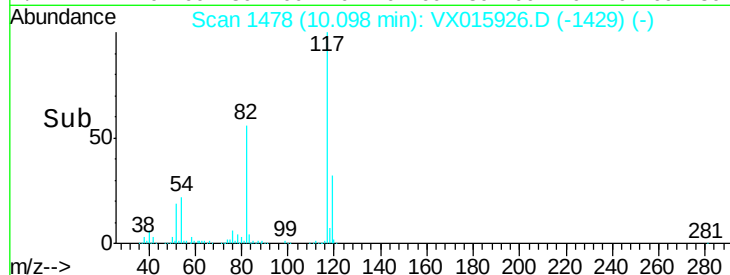
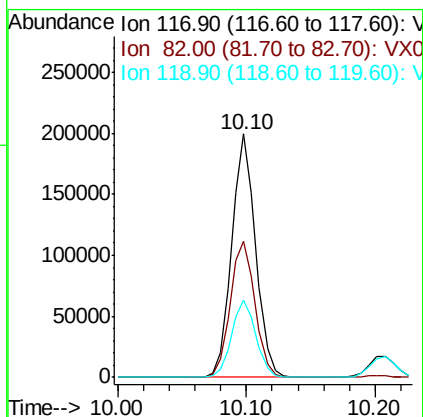
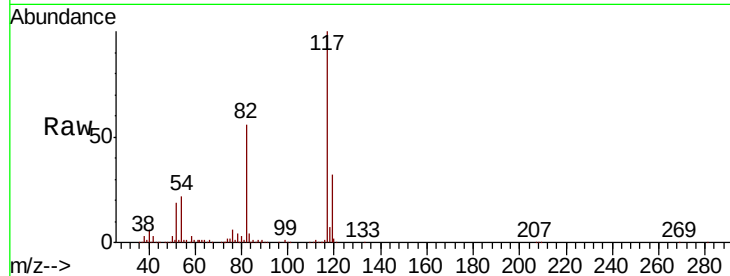




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

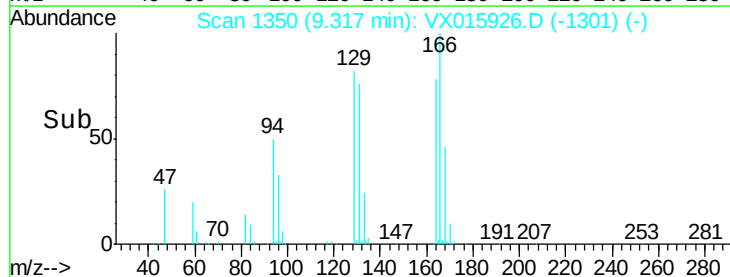
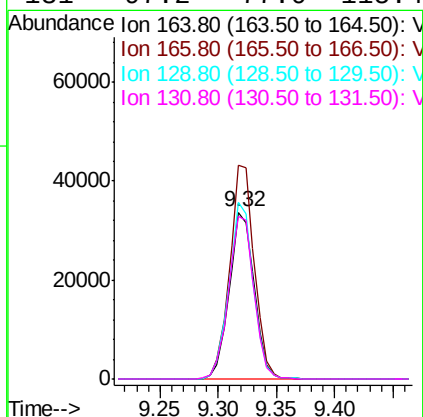
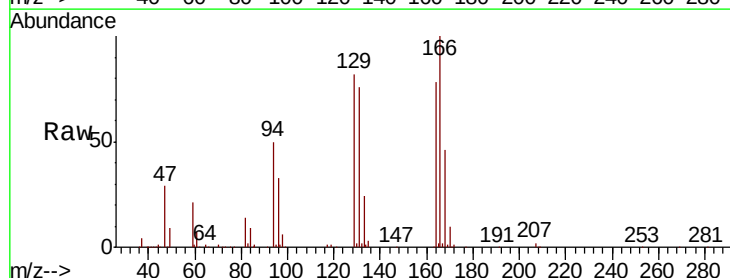
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

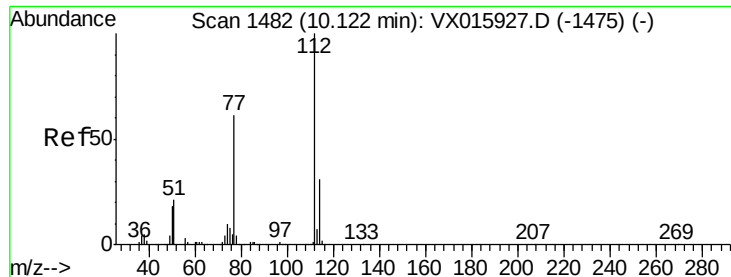
Tot Ion:117 Resp: 258649
Ion Ratio Lower Upper
117 100
82 55.8 48.5 72.7
119 31.6 26.2 39.4



#64
Tetrachloroethene
Concen: 19.518 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion:164 Resp: 50132
Ion Ratio Lower Upper
164 100
166 127.9 96.7 145.1
129 105.5 82.8 124.2
131 97.2 77.0 115.4

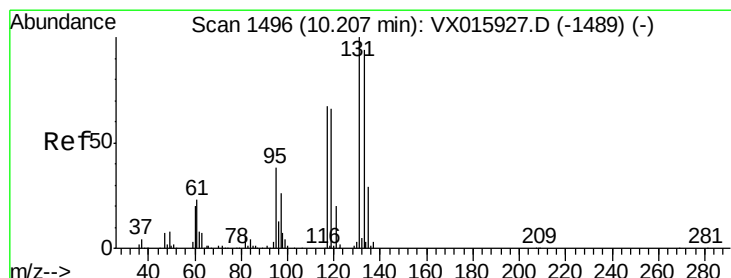
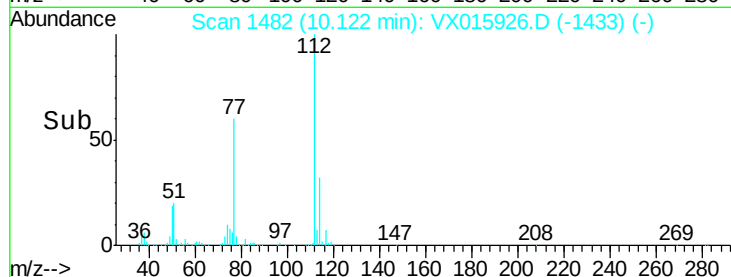
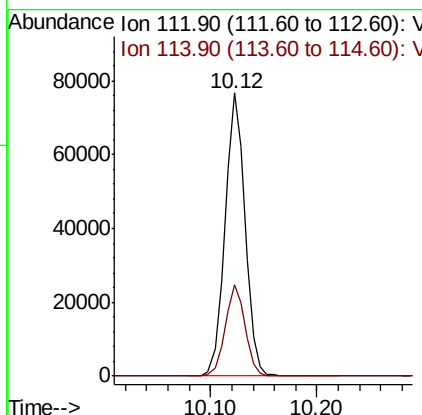
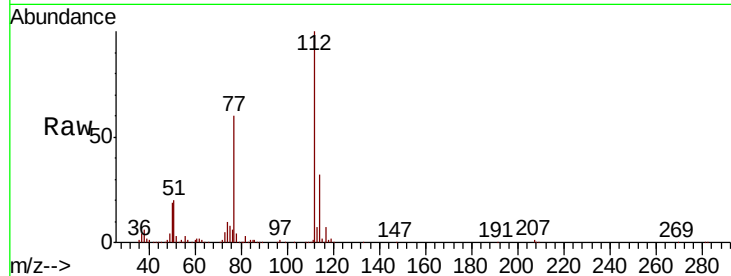




#65
Chlorobenzene
Concen: 20.051 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

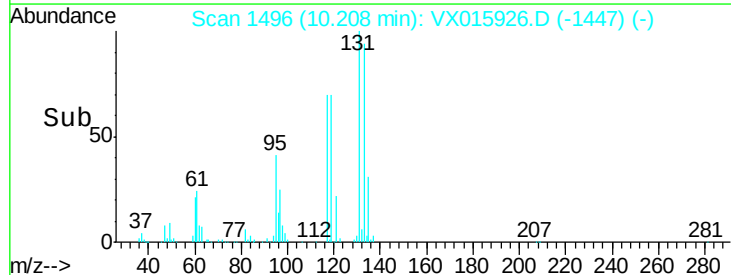
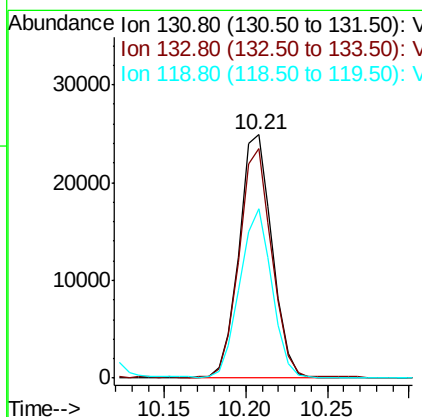
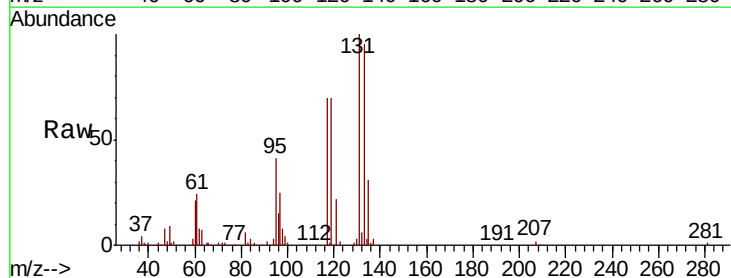
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

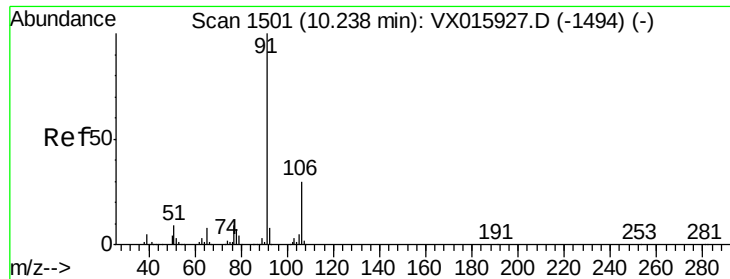
Tot Ion:112 Resp: 100918
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.871 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion:131 Resp: 35064
Ion Ratio Lower Upper
131 100
133 92.9 46.7 140.0
119 68.6 33.7 101.0

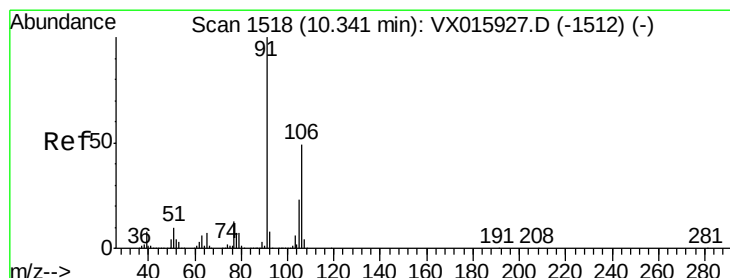
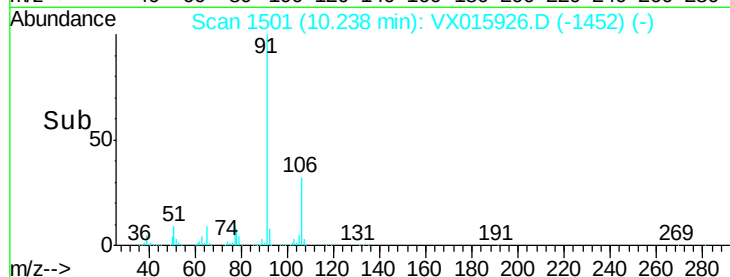
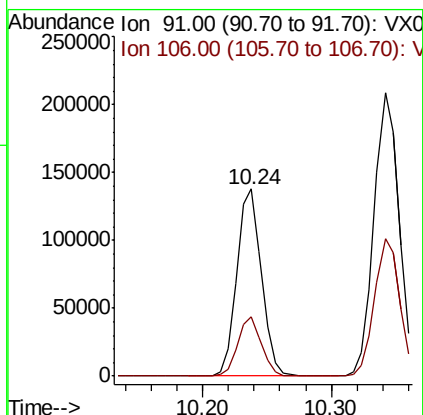
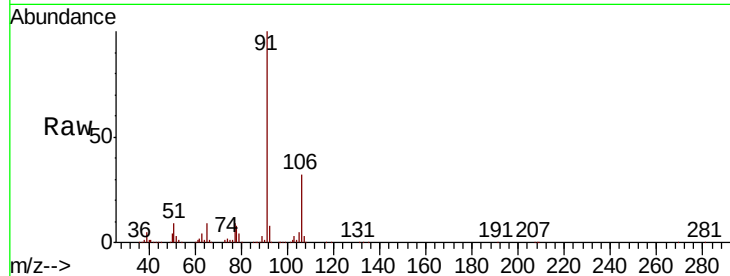




#67
Ethyl Benzene
Concen: 19.642 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

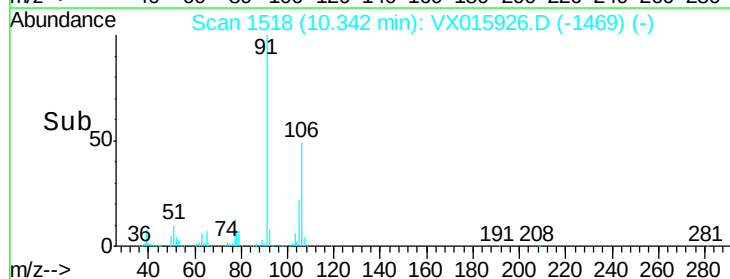
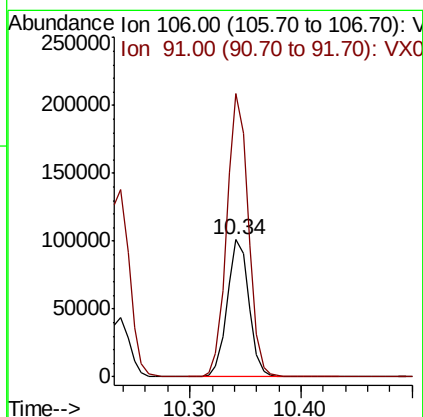
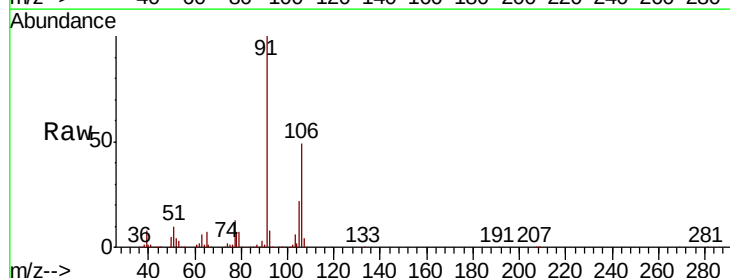
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

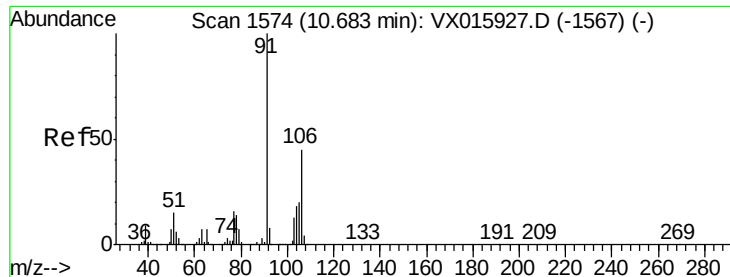
Tot Ion: 91 Resp: 182958
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 40.256 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 106 Resp: 136456
Ion Ratio Lower Upper
106 100
91 204.4 164.9 247.3

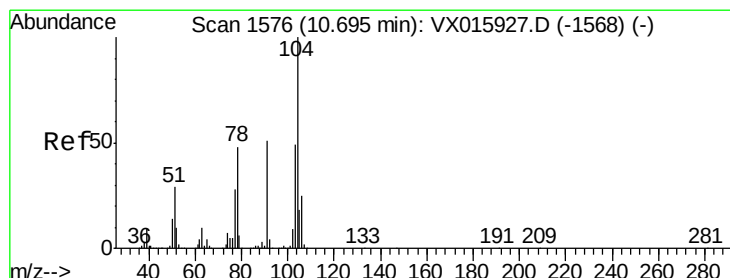
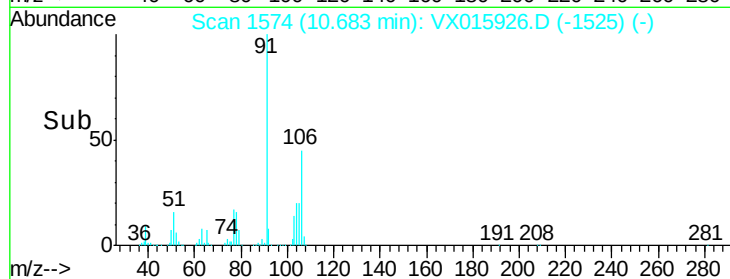
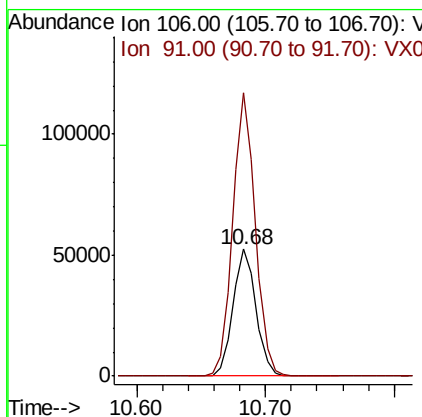
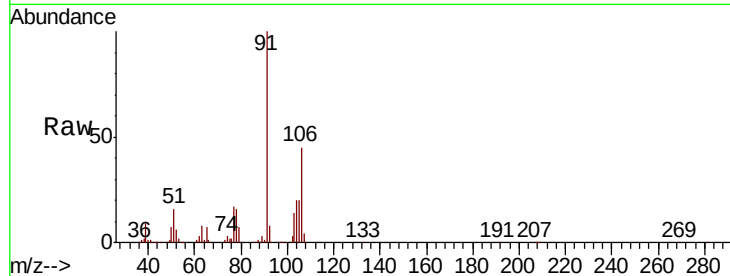




#69
o-Xylene
Concen: 19.900 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

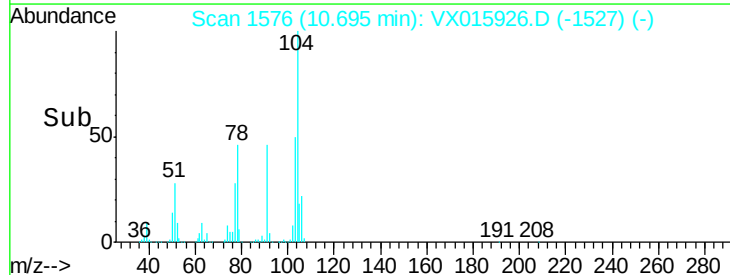
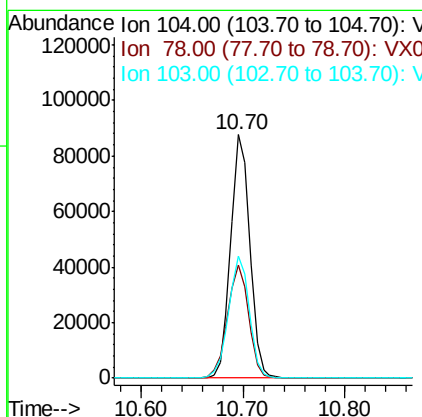
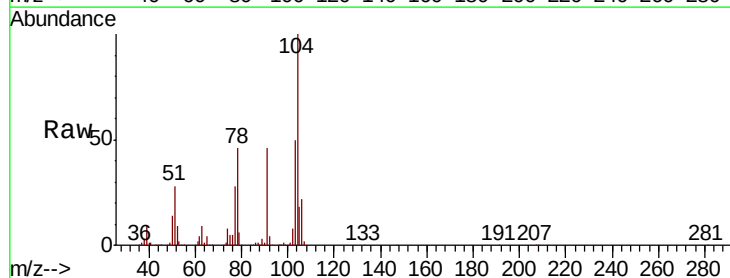
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

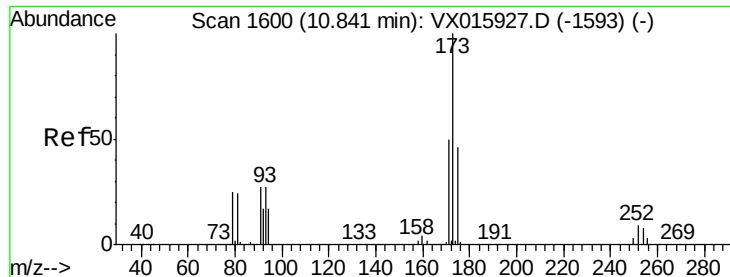
Tot Ion:106 Resp: 65721
Ion Ratio Lower Upper
106 100
91 219.0 108.6 325.8



#70
Styrene
Concen: 20.405 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion:104 Resp: 113619
Ion Ratio Lower Upper
104 100
78 51.4 40.5 60.7
103 54.4 42.7 64.1





#71

Bromoform

Concen: 20.215 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

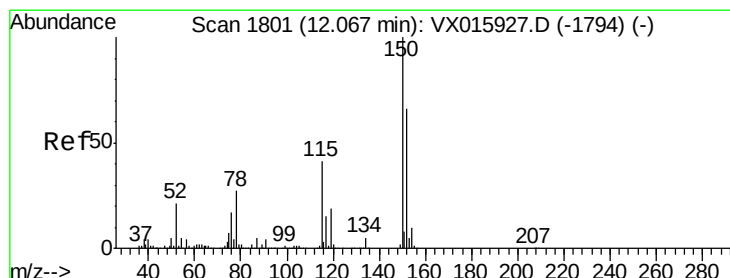
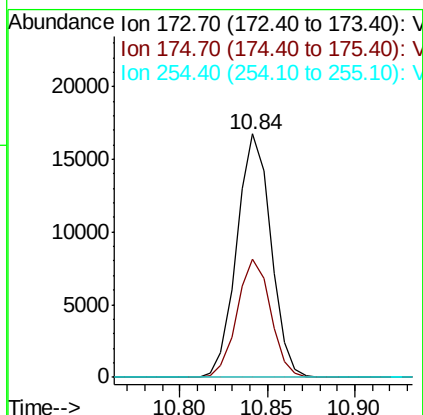
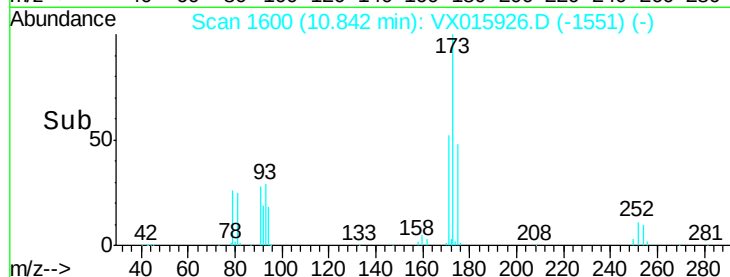
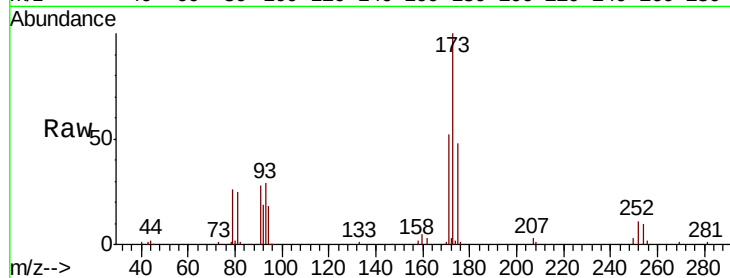
Tot Ion:173 Resp: 22709

Ion Ratio Lower Upper

173 100

175 48.0 23.2 69.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

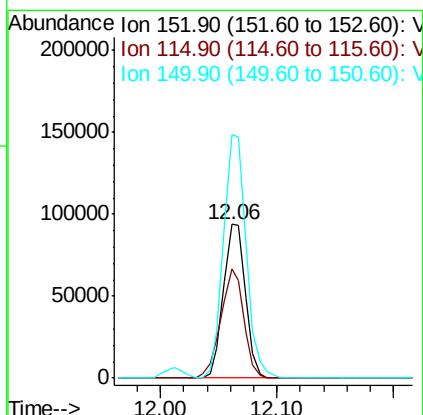
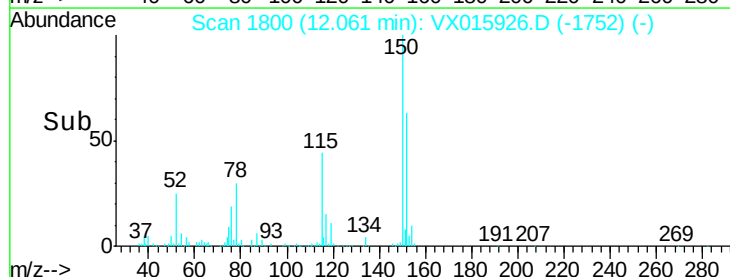
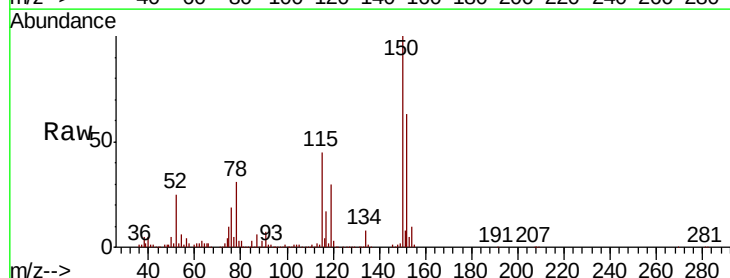
Tgt Ion:152 Resp: 122550

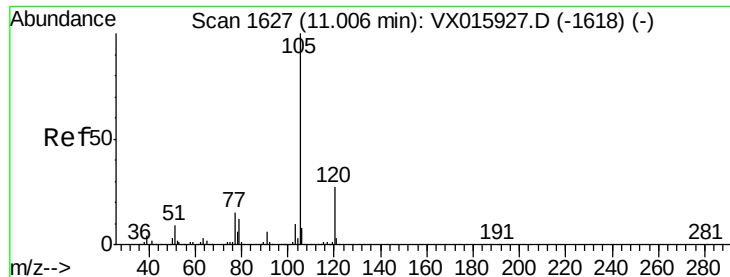
Ion Ratio Lower Upper

152 100

115 73.5 44.1 132.4

150 163.7 0.0 343.6





#73

Isopropylbenzene

Concen: 19.583 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

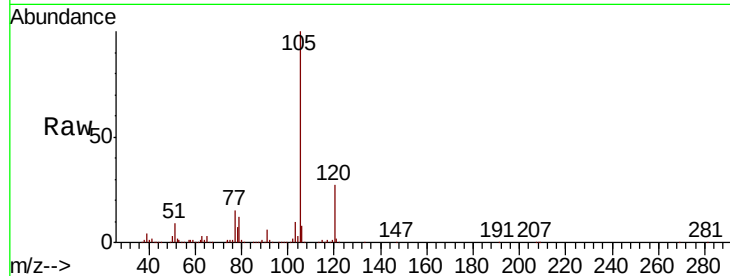
VSTDIC020

Tot Ion:105 Resp: 175609

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

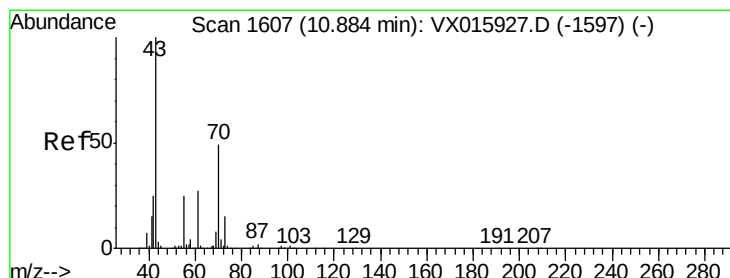
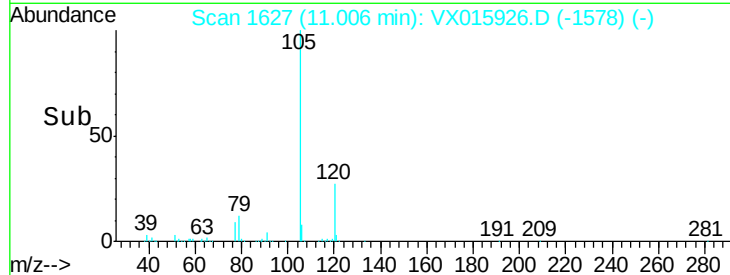
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.305 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Tgt Ion: 43 Resp: 77259

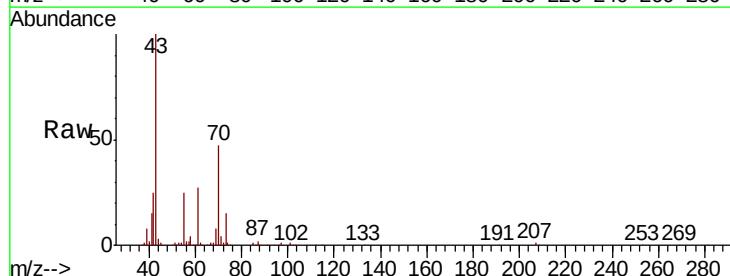
Ion Ratio Lower Upper

43 100

70 46.8 37.8 56.6

55 24.7 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

10.88

80000

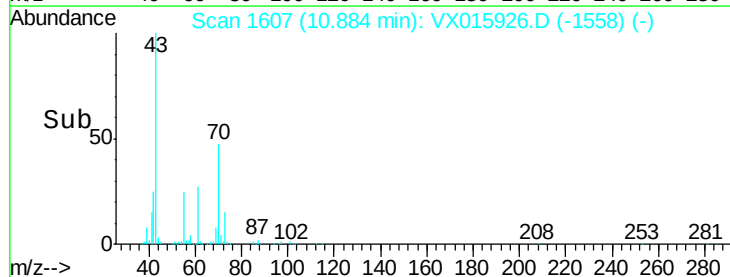
60000

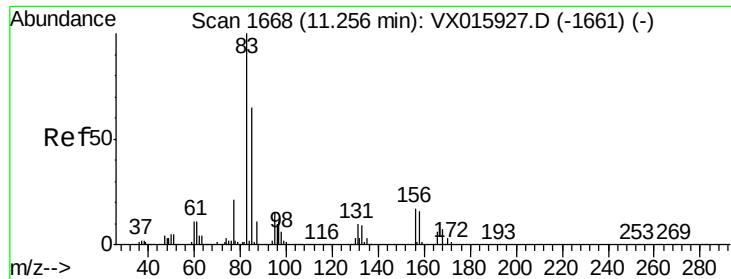
40000

20000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 20.349 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

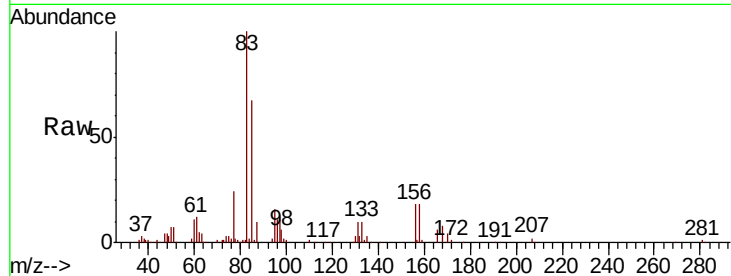
Tot Ion: 83 Resp: 39731

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

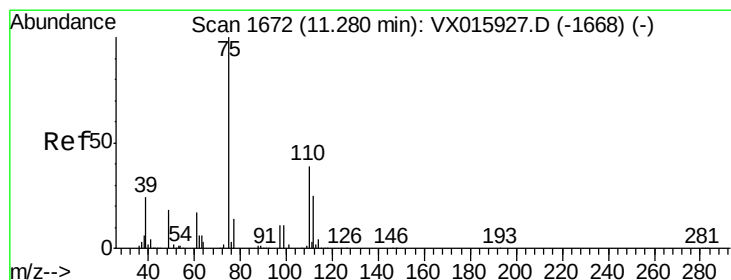
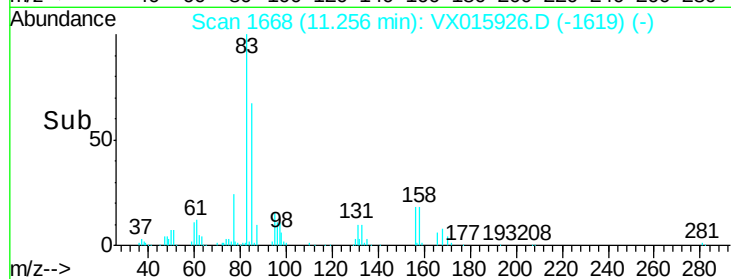
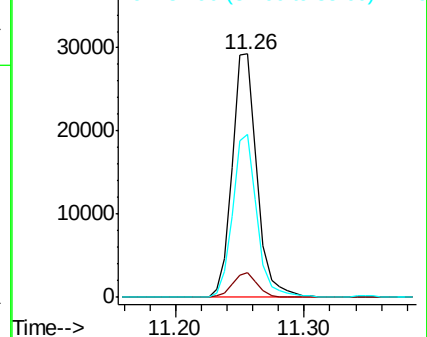
85 65.4 32.1 96.3



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: 22.099 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015926.D

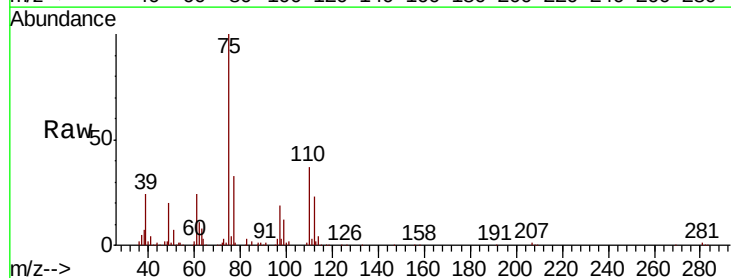
Acq: 24 Apr 2020 11:50

Tgt Ion: 75 Resp: 70814

Ion Ratio Lower Upper

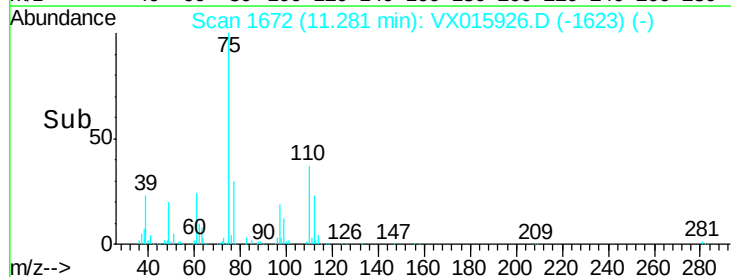
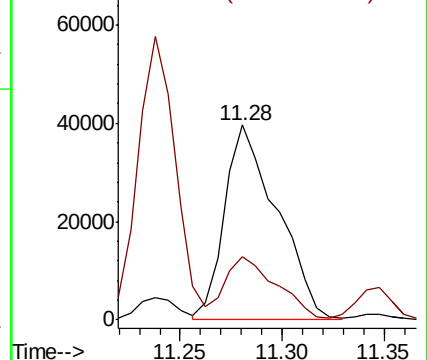
75 100

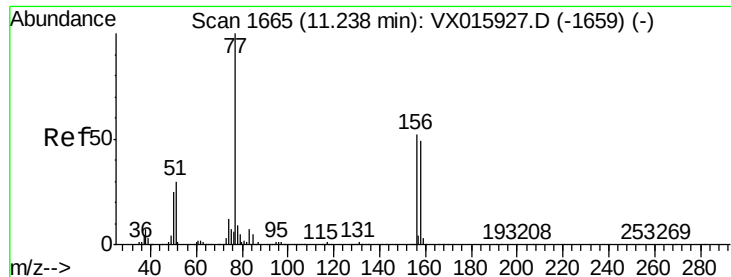
77 32.2 22.1 66.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.754 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

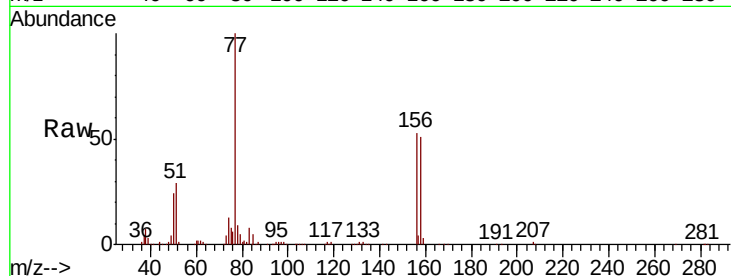
Tot Ion:156 Resp: 39756

Ion Ratio Lower Upper

156 100

77 186.3 94.0 281.9

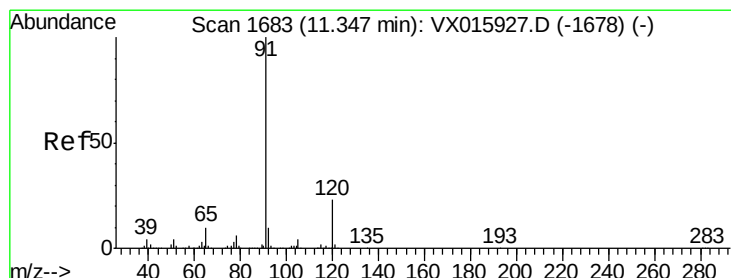
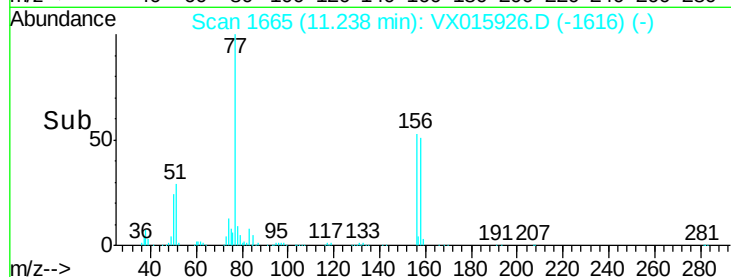
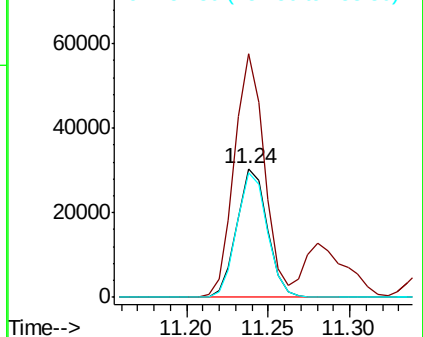
158 97.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.620 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015926.D

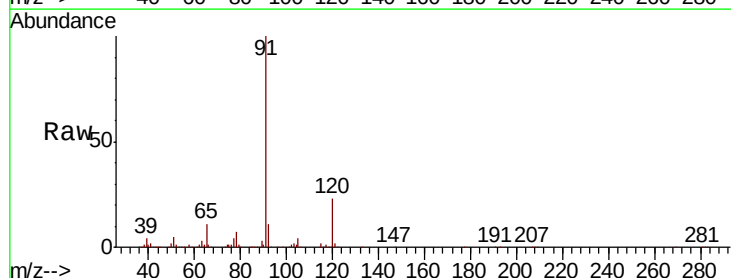
Acq: 24 Apr 2020 11:50

Tgt Ion: 91 Resp: 206890

Ion Ratio Lower Upper

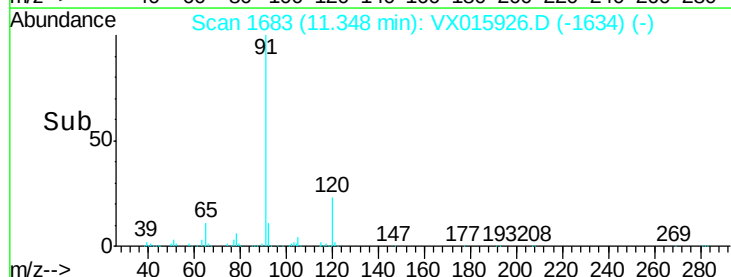
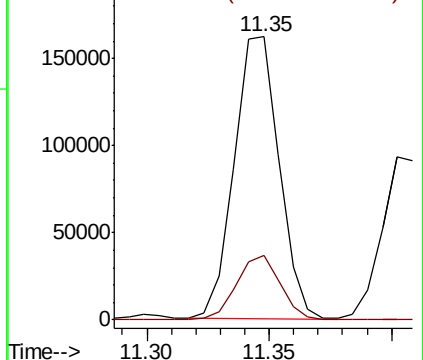
91 100

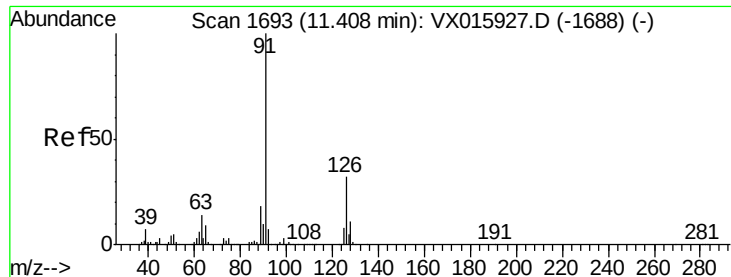
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

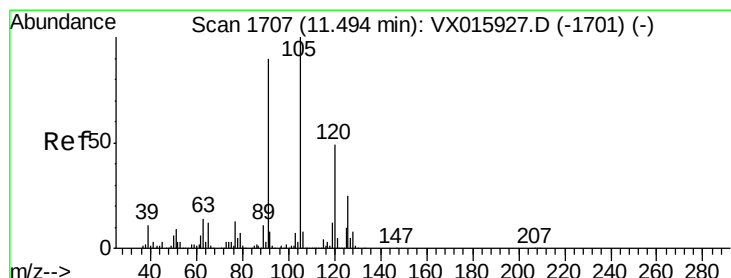
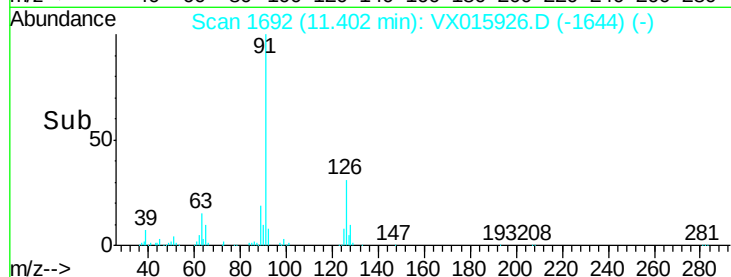
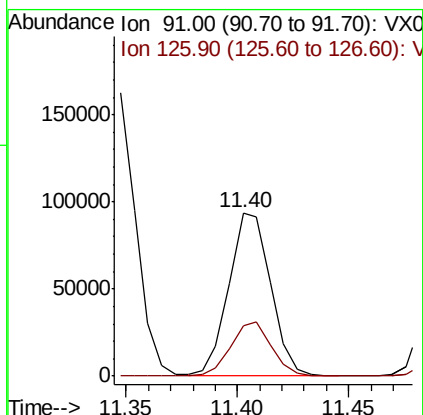
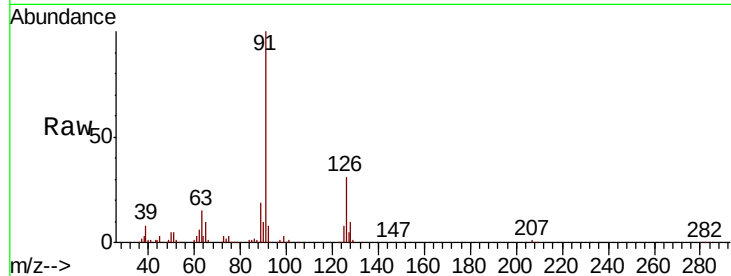




#79
2-Chlorotoluene
Concen: 19.851 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

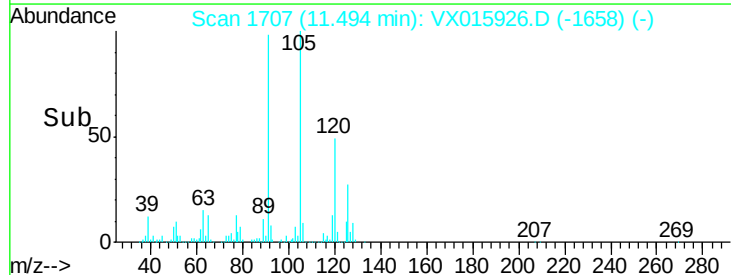
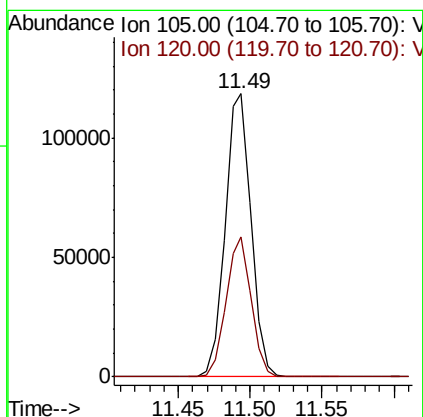
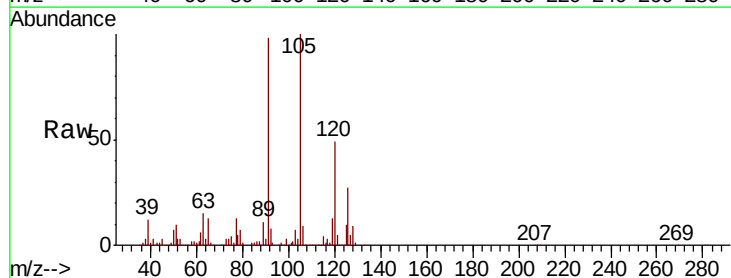
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

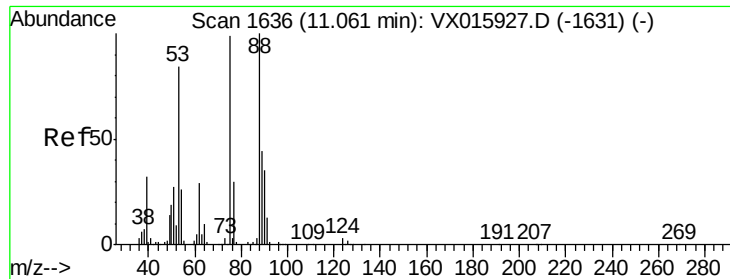
Tot Ion: 91 Resp: 122021
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.3



#80
1,3,5-Trimethylbenzene
Concen: 19.956 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion:105 Resp: 149910
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8

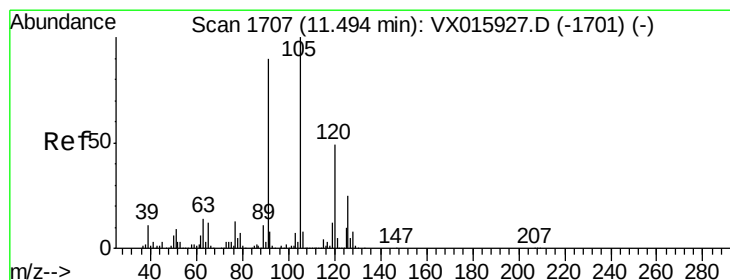
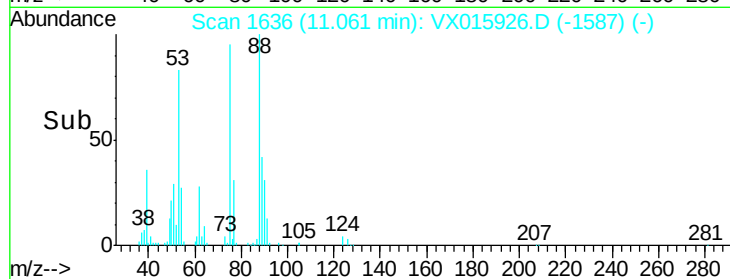
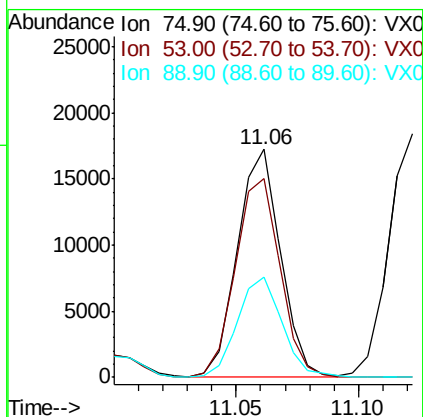
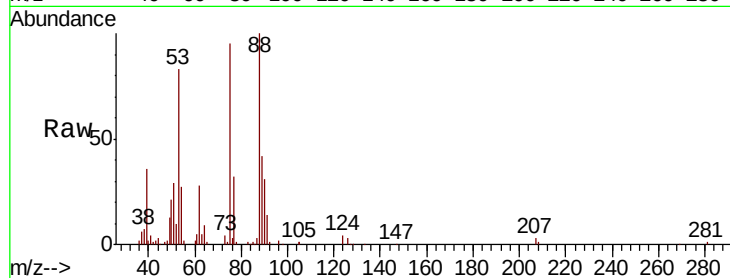




#81
trans-1,4-Dichloro-2-butene
Concen: 20.125 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

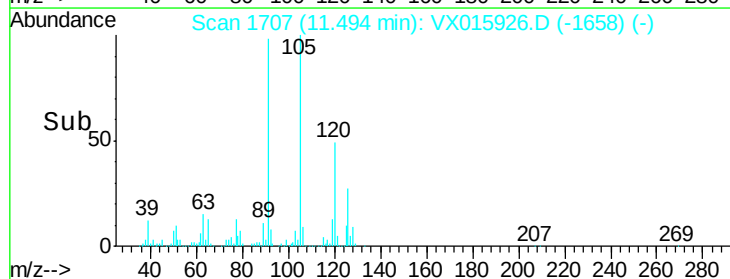
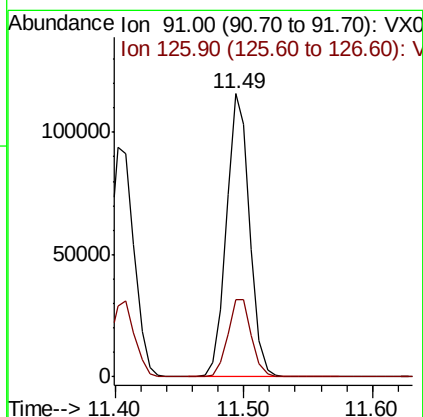
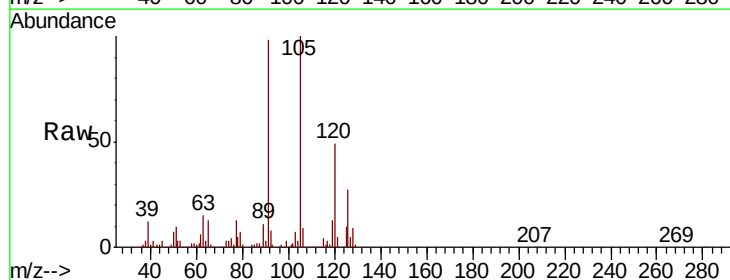
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

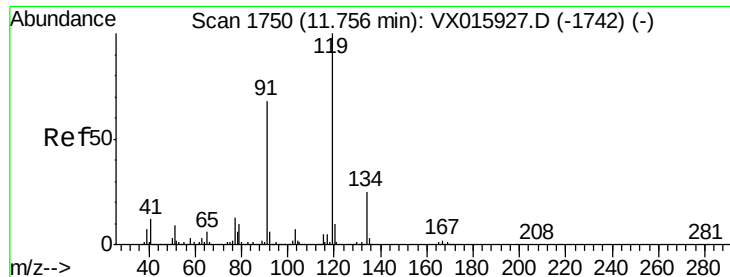
Tot Ion: 75 Resp: 21028
Ion Ratio Lower Upper
75 100
53 90.9 69.7 104.5
89 46.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.830 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion: 91 Resp: 145601
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.8





#83

tert-Butylbenzene

Concen: 19.735 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

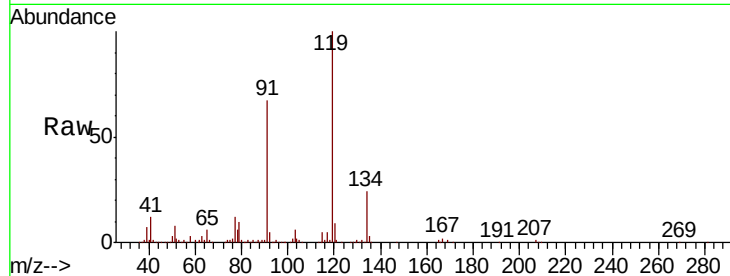
Tot Ion:119 Resp: 125387

Ion Ratio Lower Upper

119 100

91 68.6 34.3 102.8

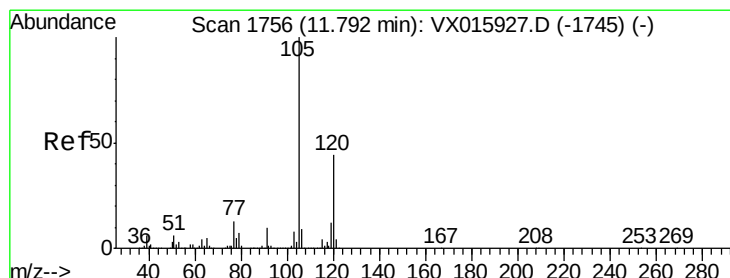
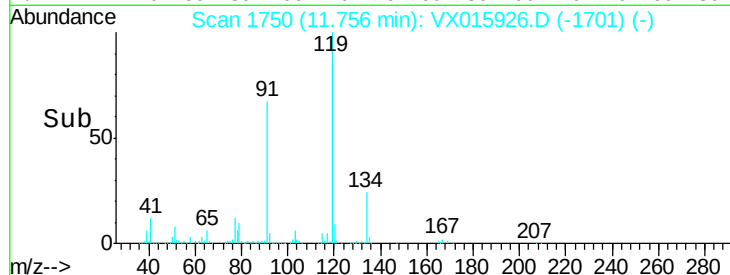
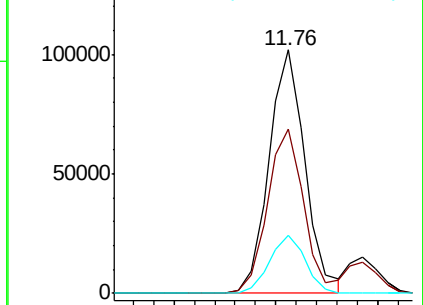
134 23.7 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.702 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015926.D

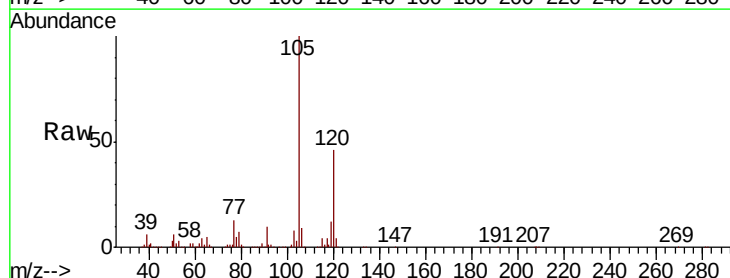
Acq: 24 Apr 2020 11:50

Tgt Ion:105 Resp: 151910

Ion Ratio Lower Upper

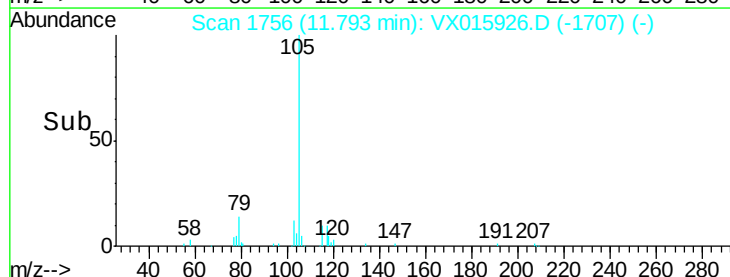
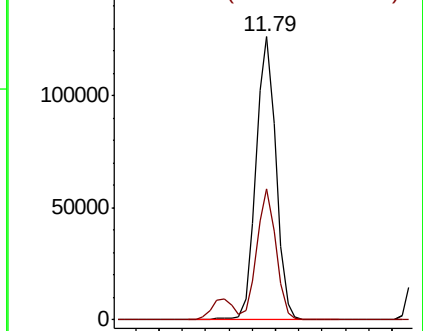
105 100

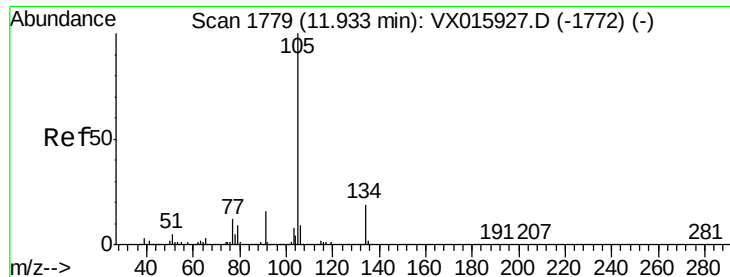
120 44.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.616 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

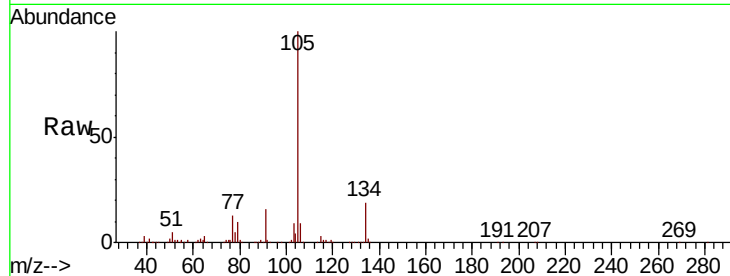
VSTDIC020

Tot Ion:105 Resp: 169224

Ion Ratio Lower Upper

105 100

134 19.5 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

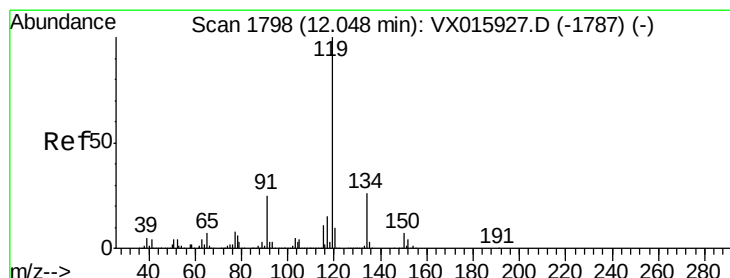
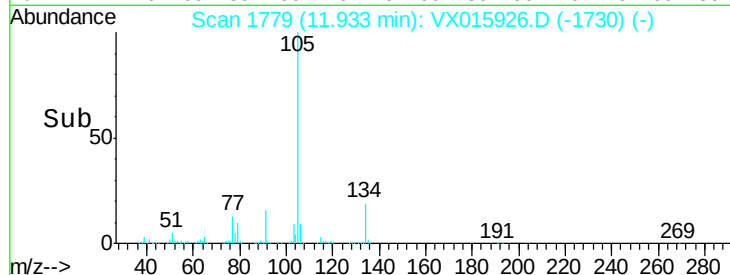
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.897 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

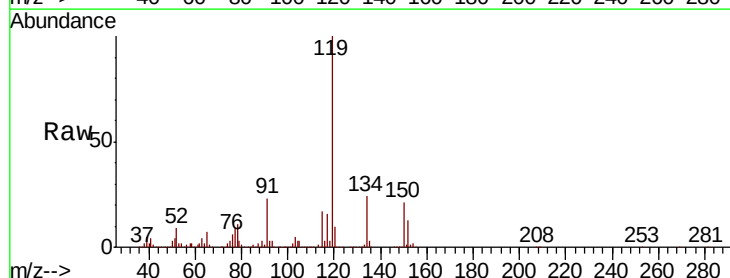
Tgt Ion:119 Resp: 156435

Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 24.3 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

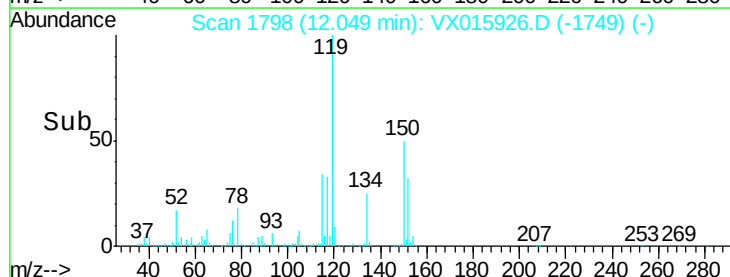
150000

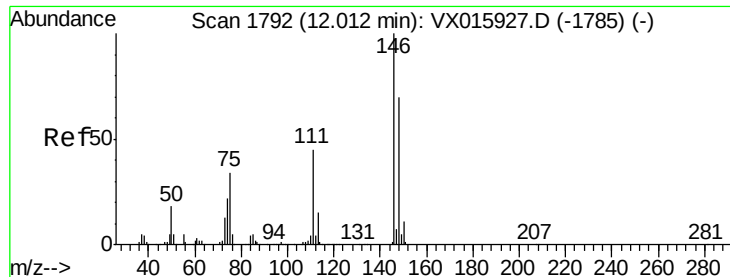
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.842 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

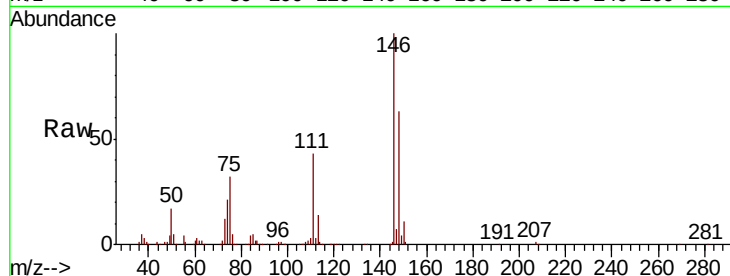
Tot Ion:146 Resp: 73471

Ion Ratio Lower Upper

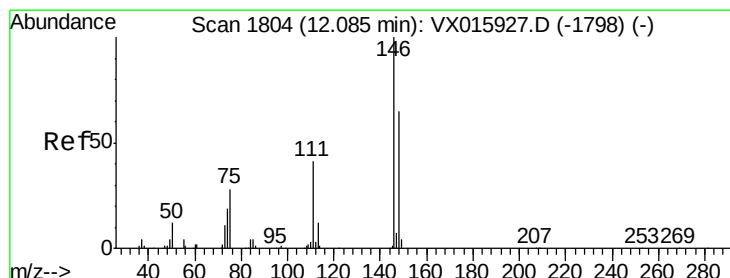
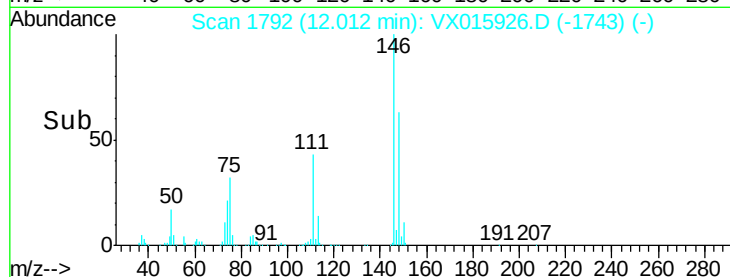
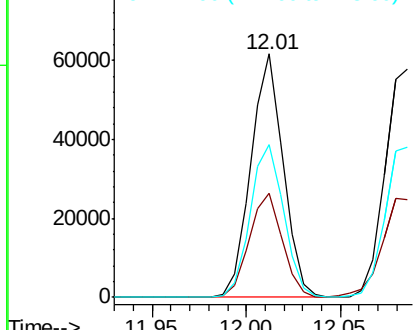
146 100

111 43.6 22.2 66.6

148 64.7 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: 19.570 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

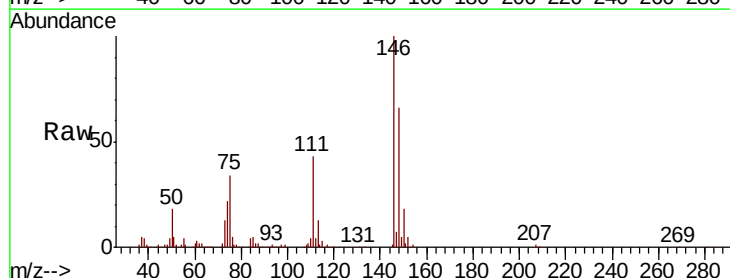
Tgt Ion:146 Resp: 73544

Ion Ratio Lower Upper

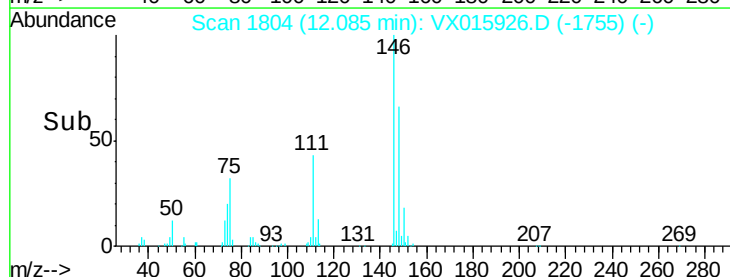
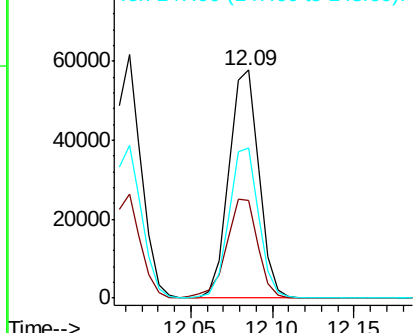
146 100

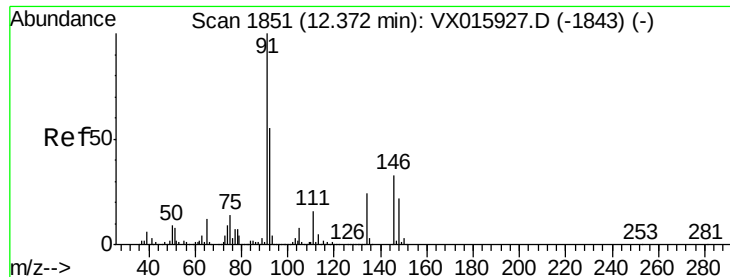
111 45.3 21.6 64.6

148 65.6 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: 19.808 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

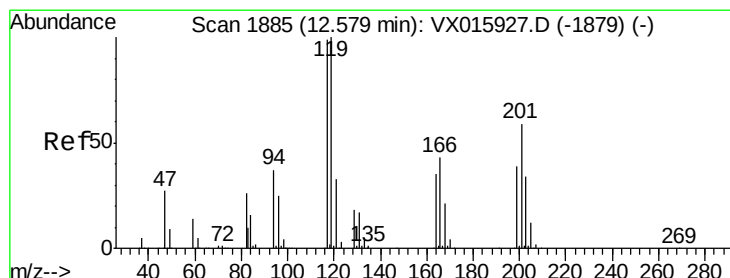
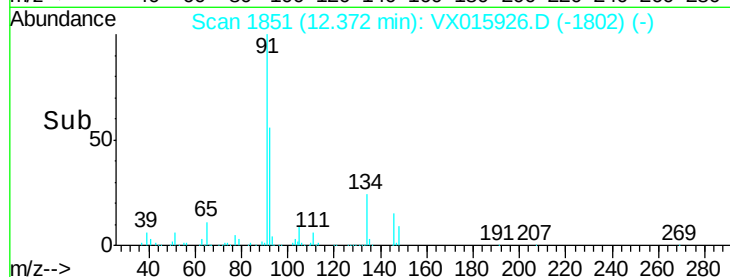
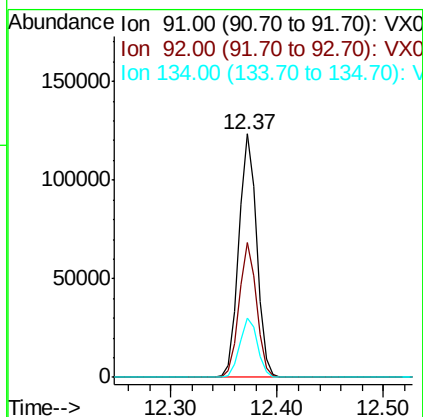
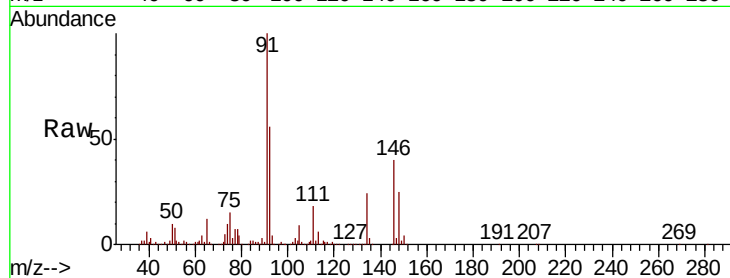
Tot Ion: 91 Resp: 145932

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.9

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 19.681 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015926.D

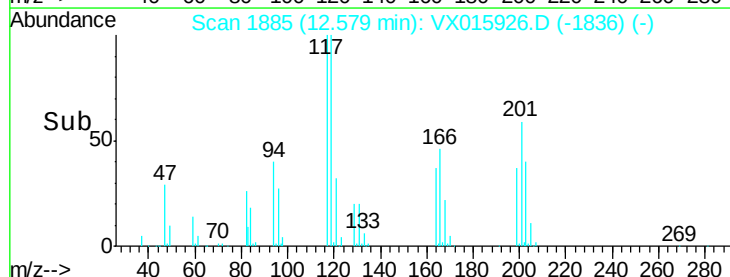
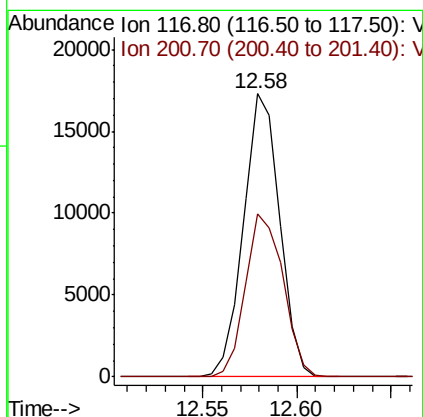
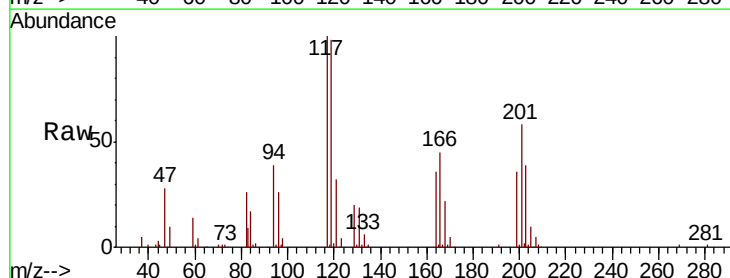
Acq: 24 Apr 2020 11:50

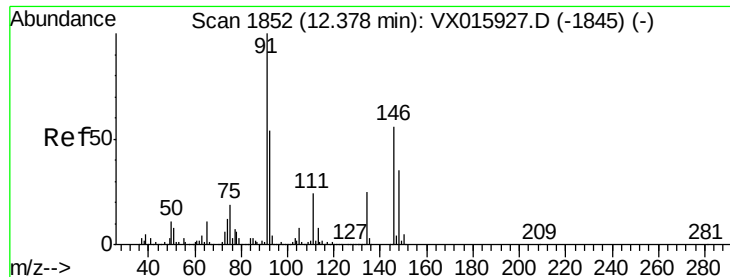
Tgt Ion: 117 Resp: 22983

Ion Ratio Lower Upper

117 100

201 60.0 32.1 96.3

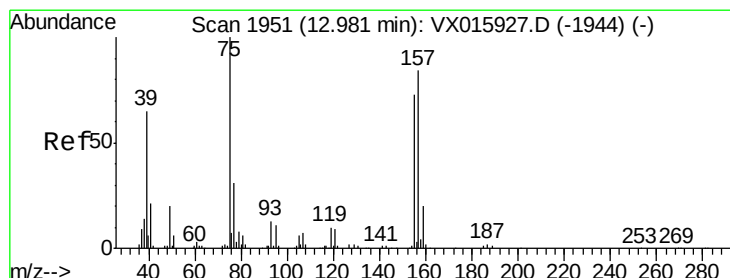
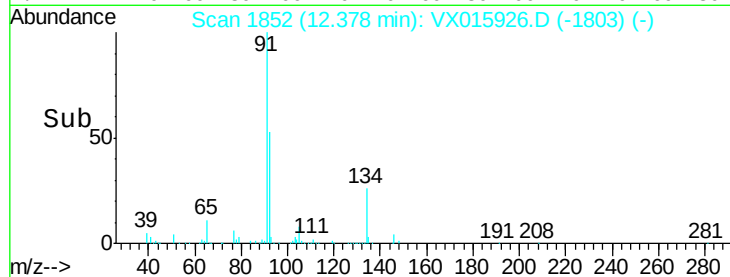
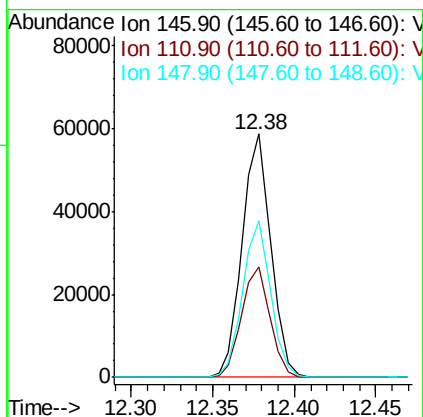
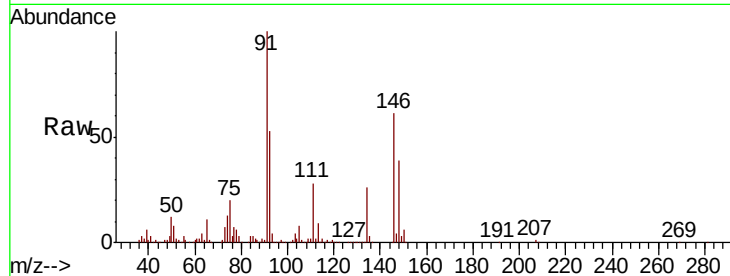




#91
 1,2-Dichlorobenzene
 Concen: 20.036 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

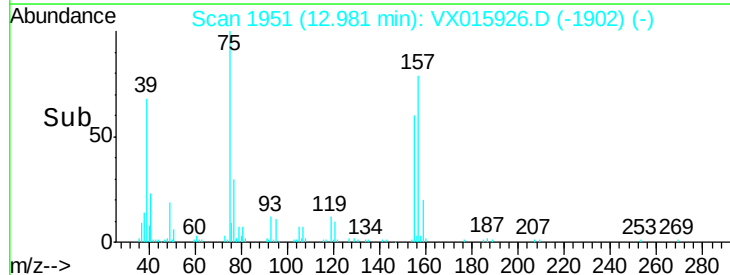
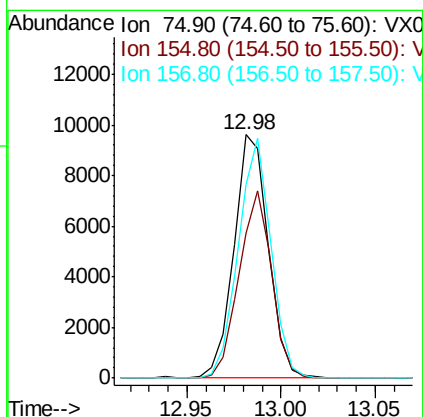
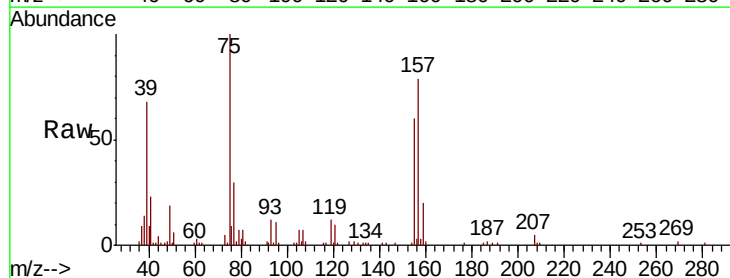
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

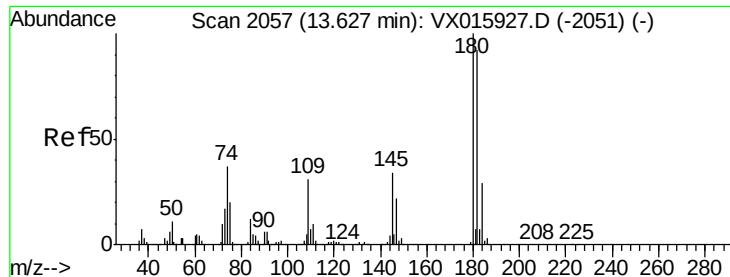
Tot Ion:146 Resp: 72390
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.8
 148 62.8 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.278 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015926.D
 Acq: 24 Apr 2020 11:50

Tgt Ion: 75 Resp: 12142
 Ion Ratio Lower Upper
 75 100
 155 73.0 37.9 113.6
 157 93.4 47.9 143.8

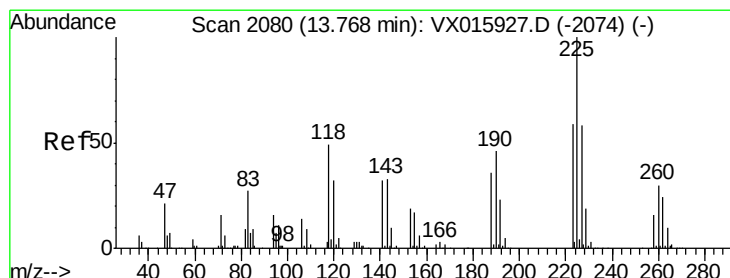
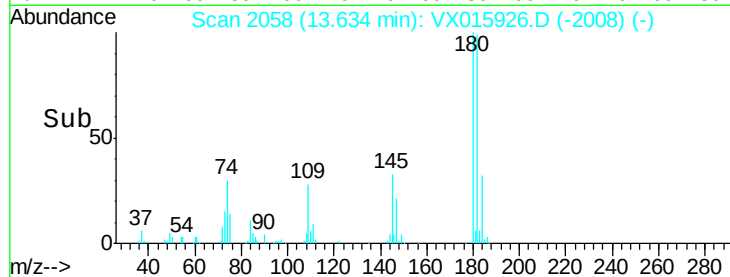
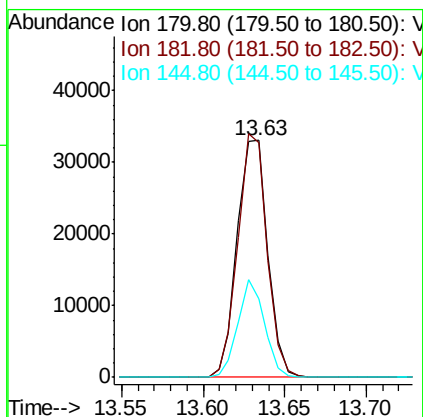
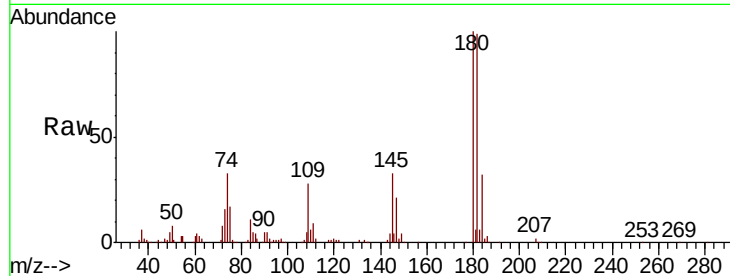




#93
1,2,4-Trichlorobenzene
Concen: 18.890 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

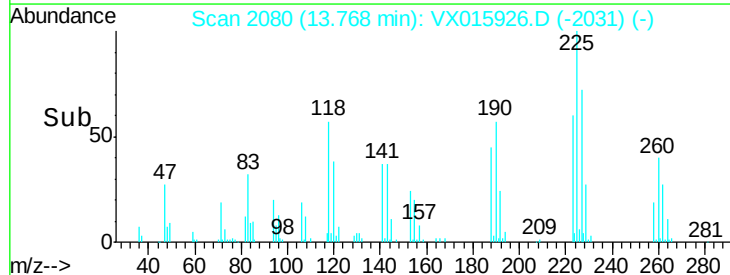
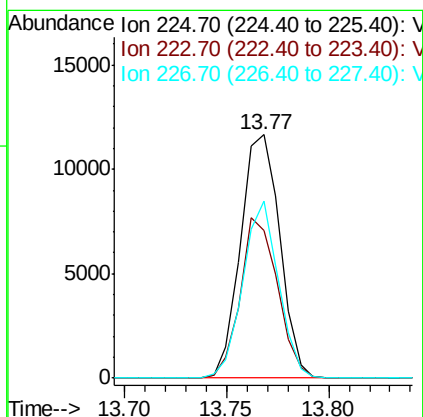
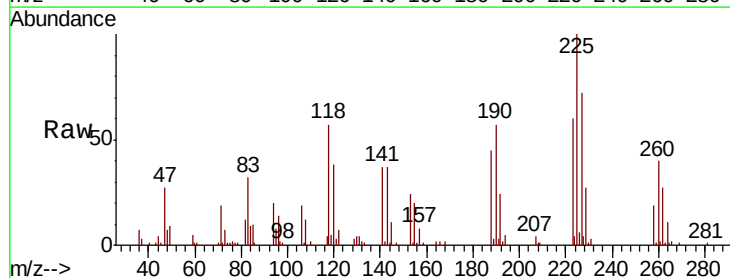
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

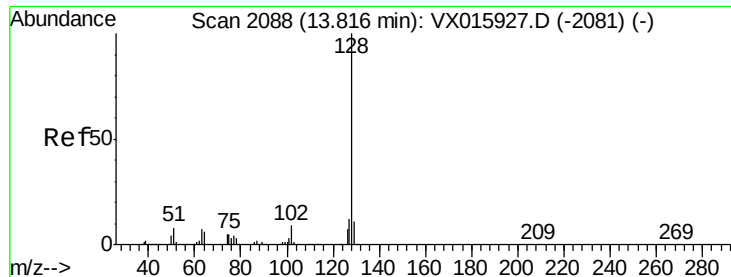
Tot Ion:180 Resp: 43299
Ion Ratio Lower Upper
180 100
182 97.5 47.6 142.9
145 35.9 17.3 52.0



#94
Hexachlorobutadiene
Concen: 19.079 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX015926.D
Acq: 24 Apr 2020 11:50

Tgt Ion:225 Resp: 15593
Ion Ratio Lower Upper
225 100
223 62.7 30.6 91.6
227 66.0 32.0 96.2





#95

Naphthalene

Concen: 20.220 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

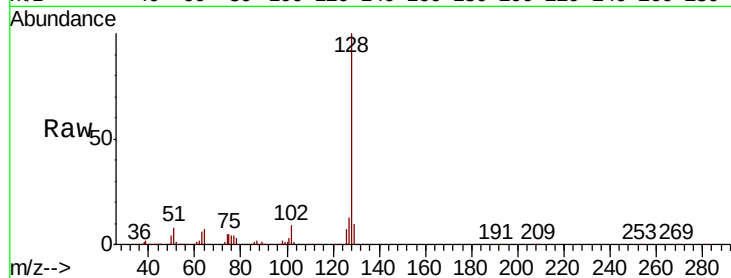
Tot Ion:128 Resp: 167173

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

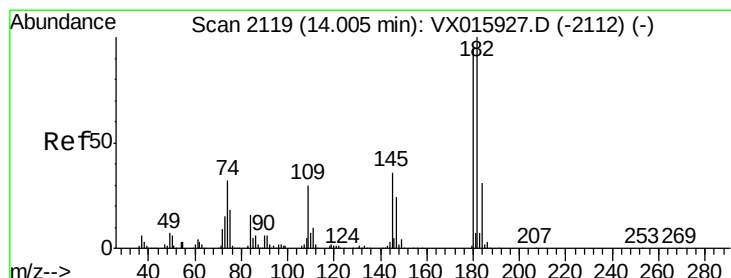
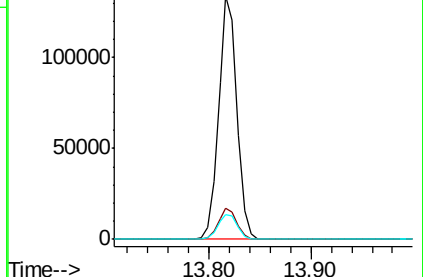
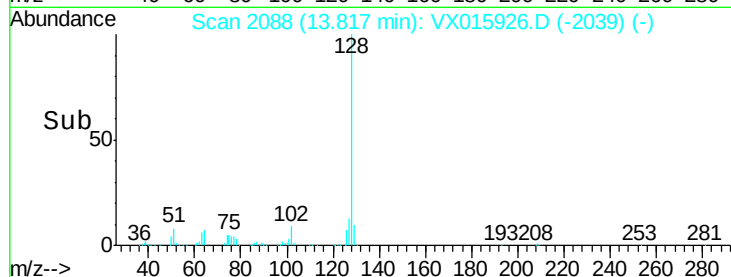
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.871 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015926.D

Acq: 24 Apr 2020 11:50

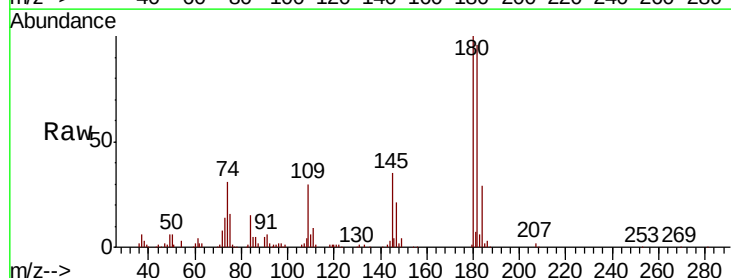
Tgt Ion:180 Resp: 43008

Ion Ratio Lower Upper

180 100

182 96.6 50.1 150.3

145 37.3 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

