

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018611.D
 Acq On : 28 Sep 2020 10:52
 Operator : JC/SP
 Sample : VSTD0.563
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.563

Quant Time: Sep 29 00:16:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:09:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	252804	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	239620	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	117720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	7095	0.54	ug/L	0.00
7) Chloroethane-d5	1.70	69	5473	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	14546	0.50	ug/L	0.00
20) 2-Butanone-d5	4.56	46	14393	4.27	ug/L	0.00
24) Chloroform-d	5.14	84	14806	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	12093	0.66	ug/L	0.00
32) Benzene-d6	6.04	84	25093	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	8093	0.48	ug/L	0.00
41) Toluene-d8	8.70	98	28648	0.52	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	3471	0.46	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	10722	3.99	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	5597	0.45	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	8673	0.45	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	7160	0.468	ug/L #	87
3) Chloromethane	1.31	50	6686	0.512	ug/L	93
5) Vinyl chloride	1.39	62	6559	0.479	ug/L	98
6) Bromomethane	1.64	94	4086	0.499	ug/L	77
9) Trichlorofluoromethane	1.92	101	10553	0.445	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	6112	0.470	ug/L	99
12) 1,1-Dichloroethene	2.36	96	5662	0.459	ug/L	91
13) Acetone	2.45	43	9539	5.109	ug/L	90
14) Carbon disulfide	2.55	76	18410	0.491	ug/L	97
15) Methyl Acetate	2.76	43	3356	0.649	ug/L	95
16) Methylene chloride	2.84	84	15011	0.890	ug/L	89
17) Methyl tert-butyl Ether	3.17	73	12430	0.453	ug/L #	86
18) trans-1,2-Dichloroethene	3.15	96	5606	0.454	ug/L	90
19) 1,1-Dichloroethane	3.67	63	9643	0.436	ug/L	97
21) 2-Butanone	4.65	43	14174	4.783	ug/L	100
22) cis-1,2-Dichloroethene	4.57	96	5766	0.448	ug/L #	95
23) Bromochloromethane	4.98	128	2997	0.486	ug/L #	84
25) Chloroform	5.17	83	11006	0.455	ug/L	95
27) 1,2-Dichloroethane	6.16	62	7409	0.484	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	10396	0.455	ug/L	95
30) Cyclohexane	5.54	56	7960	0.438	ug/L	93
31) Carbon tetrachloride	5.75	117	9409	0.447	ug/L	97
33) Benzene	6.11	78	20916	0.453	ug/L	100
34) Trichloroethene	7.18	95	6293	0.471	ug/L #	86
35) Methylcyclohexane	7.43	83	7421	0.399	ug/L	95
37) 1,2-Dichloropropane	7.49	63	5826	0.473	ug/L #	93
38) Bromodichloromethane	7.87	83	7770	0.467	ug/L #	89
39) cis-1,3-Dichloropropene	8.41	75	7235	0.414	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	27294	3.995	ug/L	97
42) Toluene	8.76	91	20194	0.405	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018611.D
 Acq On : 28 Sep 2020 10:52
 Operator : JC/SP
 Sample : VSTD0.563
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.563

Quant Time: Sep 29 00:16:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:09:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

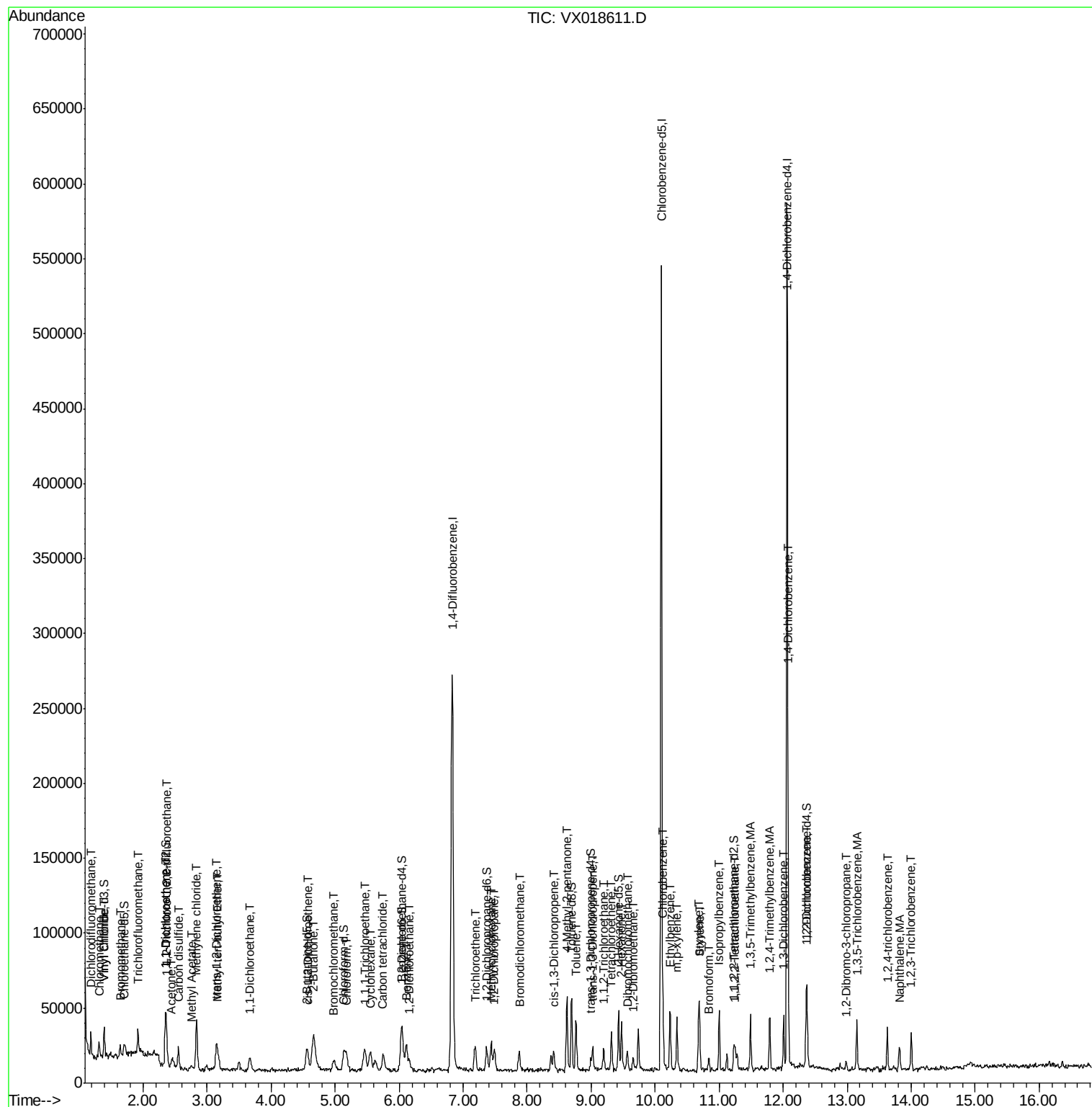
43) 1,3,5-Trimethylbenzene	11.49	105	14754	0.338	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	14756	0.338	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	6963	0.437	ug/L	89
47) 1,1,2-Trichloroethane	9.20	97	4004	0.453	ug/L	82
49) Tetrachloroethene	9.32	164	5081	0.483	ug/L	96
50) 2-Hexanone	9.48	43	19559	4.044	ug/L	98
51) Dibromochloromethane	9.57	129	5255	0.454	ug/L	84
52) 1,2-Dibromoethane	9.65	107	4025	0.488	ug/L #	97
53) Chlorobenzene	10.12	112	14920	0.453	ug/L #	91
54) Ethylbenzene	10.23	91	21270	0.391	ug/L	97
55) m,p-xylene	10.34	106	8194	0.394	ug/L	79
56) o-xylene	10.68	106	8423	0.429	ug/L	89
57) Styrene	10.70	104	12015	0.371	ug/L	96
58) Isopropylbenzene	11.00	105	18854	0.358	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	4681	0.469	ug/L #	86
62) Bromoform	10.84	173	3324	0.530	ug/L	91
63) 1,3-Dichlorobenzene	12.01	146	11282	0.441	ug/L	91
64) 1,4-Dichlorobenzene	12.08	146	11655	0.451	ug/L	88
66) 1,2-Dichlorobenzene	12.38	146	10639	0.446	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.99	75	896	0.442	ug/L #	63
68) 1,3,5-Trichlorobenzene	13.15	180	7861	0.409	ug/L	92
69) 1,2,4-trichlorobenzene	13.63	180	6507	0.413	ug/L	96
70) Naphthalene	13.82	128	9533	0.358	ug/L	95
71) 1,2,3-Trichlorobenzene	14.01	180	5525	0.388	ug/L	98

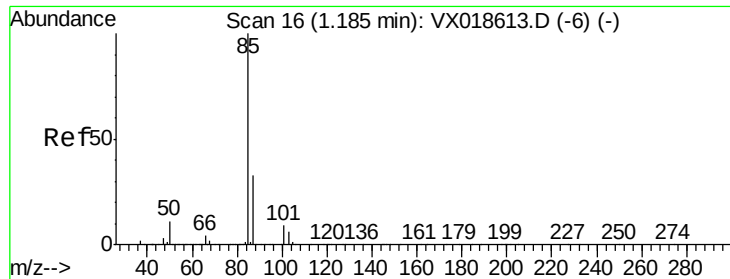
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018611.D
Acq On : 28 Sep 2020 10:52
Operator : JC/SP
Sample : VSTD0.563
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

Quant Time: Sep 29 00:16:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 00:09:07 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.468 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

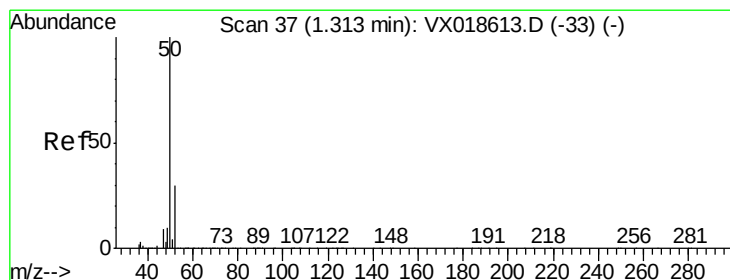
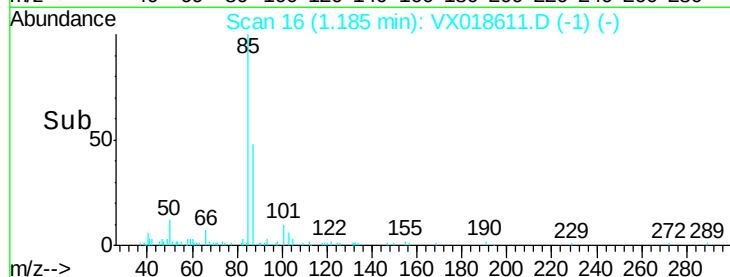
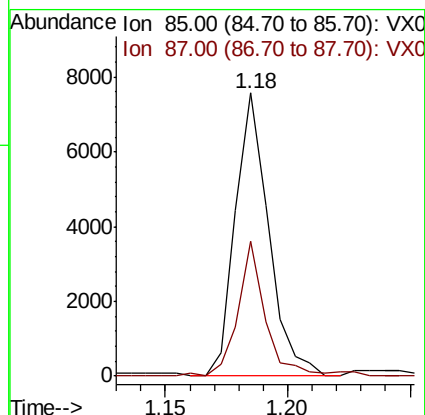
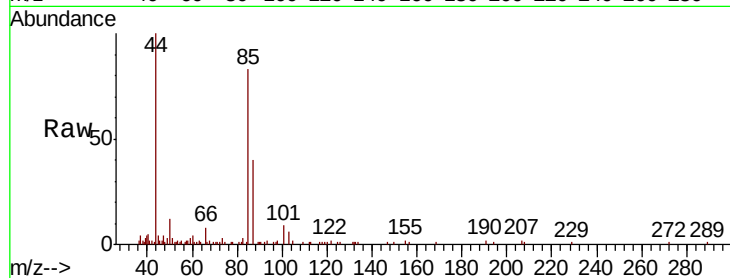
VSTD0.563

Tot Ion: 85 Resp: 7160

Ion Ratio Lower Upper

85 100

87 40.1 26.1 39.1#



#3

Chloromethane

Concen: 0.512 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018611.D

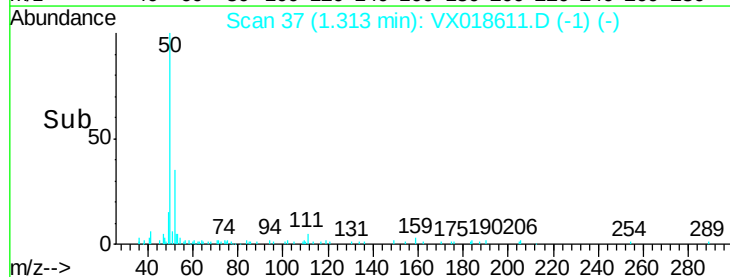
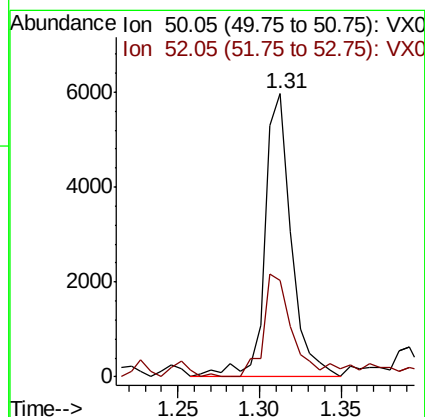
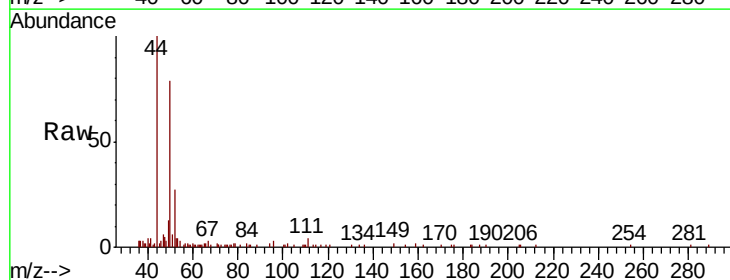
Acq: 28 Sep 2020 10:52

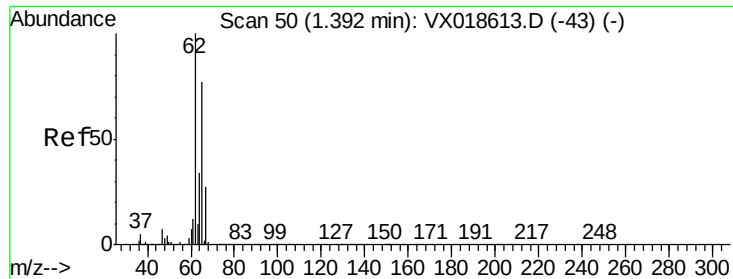
Tgt Ion: 50 Resp: 6686

Ion Ratio Lower Upper

50 100

52 34.2 21.2 39.4





#5

Vinyl chloride

Concen: 0.479 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

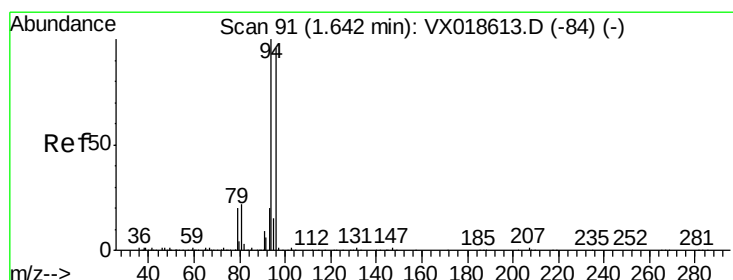
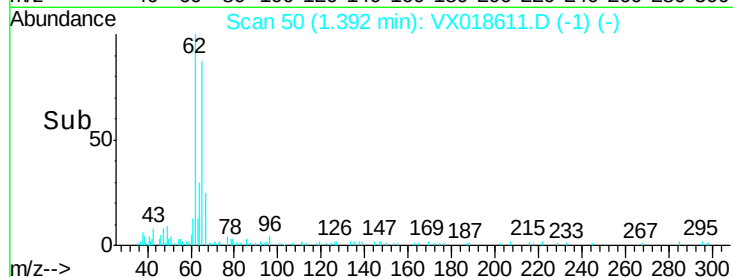
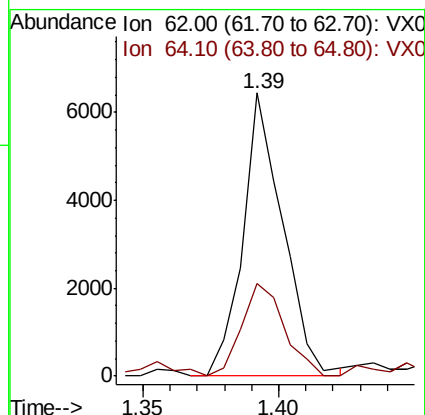
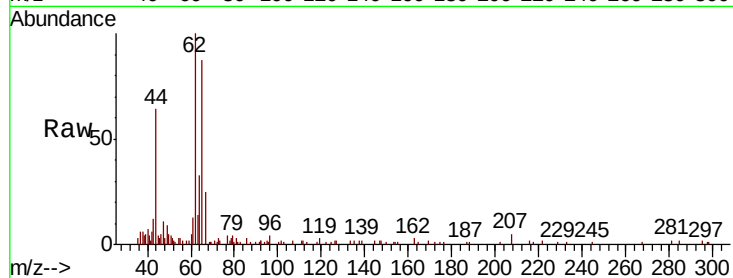
VSTD0.563

Tot Ion: 62 Resp: 6559

Ion Ratio Lower Upper

62 100

64 32.8 23.6 43.8



#6

Bromomethane

Concen: 0.499 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018611.D

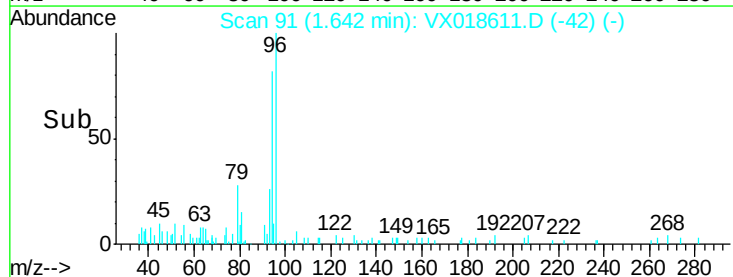
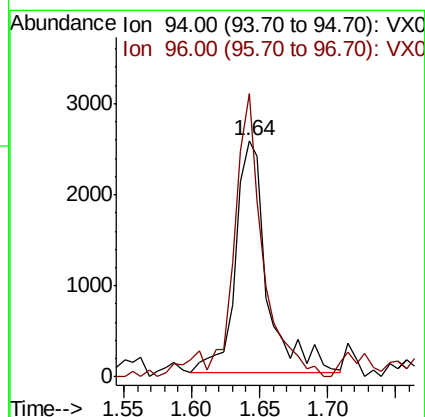
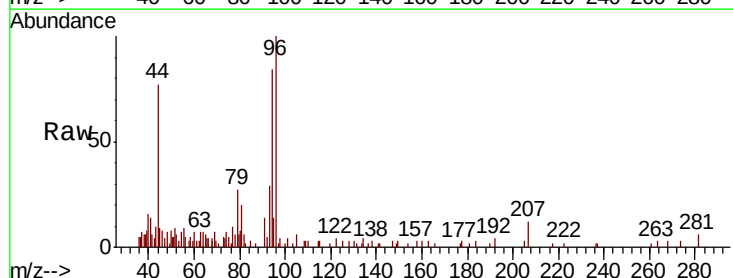
Acq: 28 Sep 2020 10:52

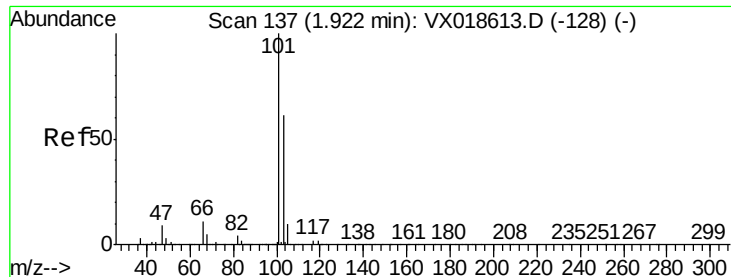
Tgt Ion: 94 Resp: 4086

Ion Ratio Lower Upper

94 100

96 119.6 67.8 125.8





#9

Trichlorofluoromethane

Concen: 0.445 ug/L

RT: 1.92 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

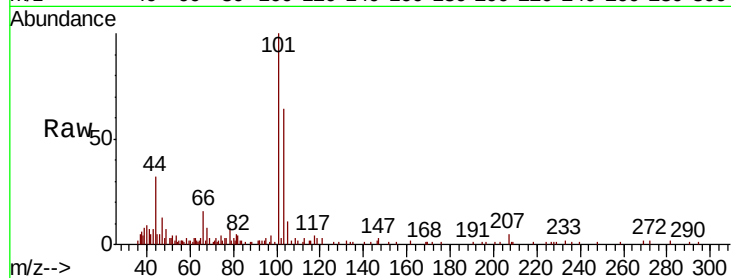
VSTD0.563

Tot Ion:101 Resp: 10553

Ion Ratio Lower Upper

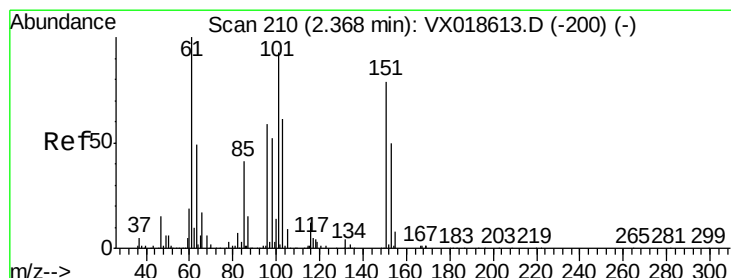
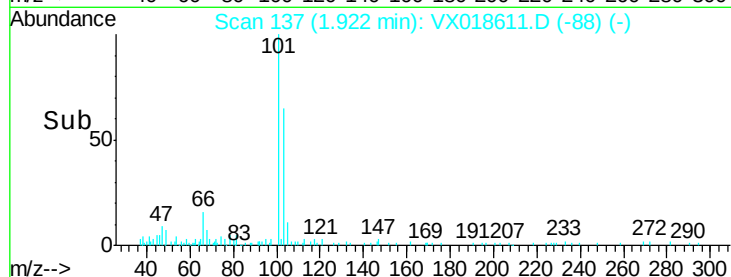
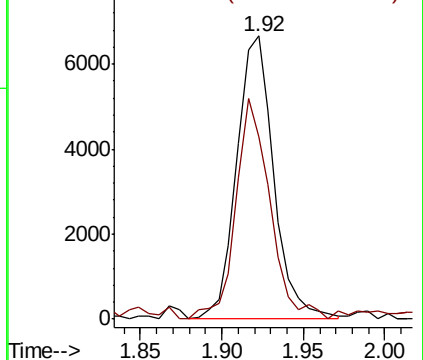
101 100

103 71.6 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.470 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

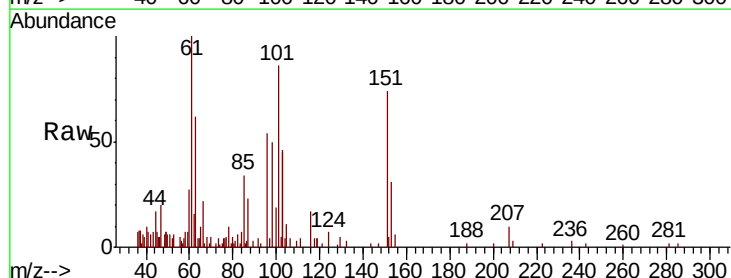
Tgt Ion:101 Resp: 6112

Ion Ratio Lower Upper

101 100

85 45.7 36.1 54.1

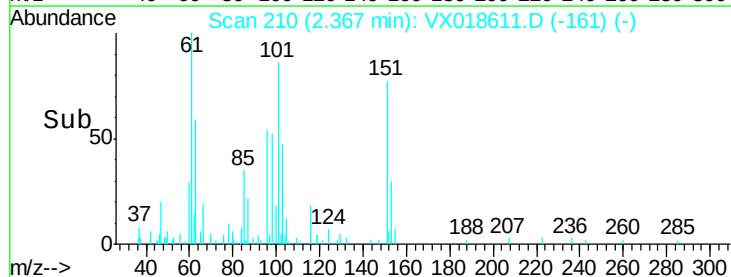
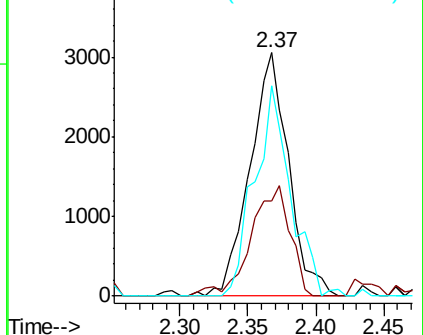
151 80.4 65.5 98.3

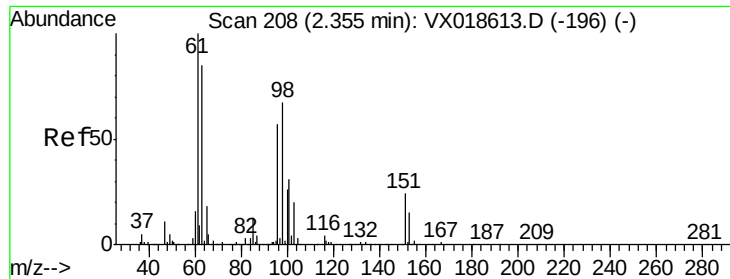


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.459 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VSTD0.563

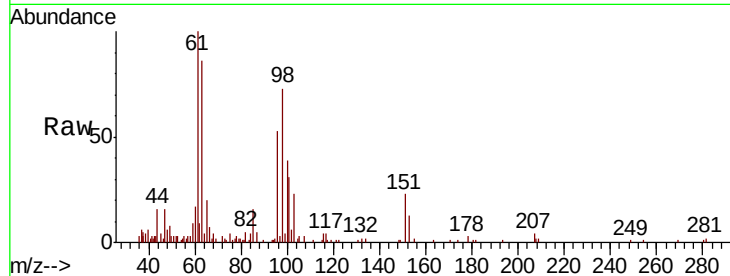
Tot Ion: 96 Resp: 5662

Ion Ratio Lower Upper

96 100

61 187.8 123.8 229.8

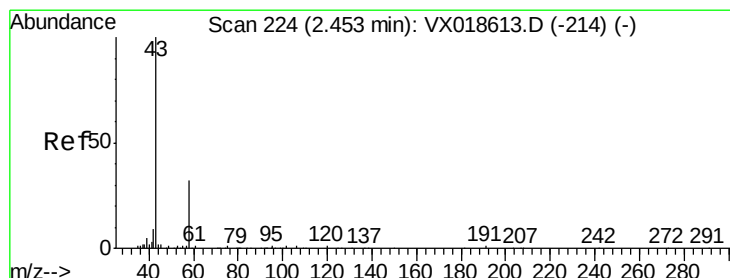
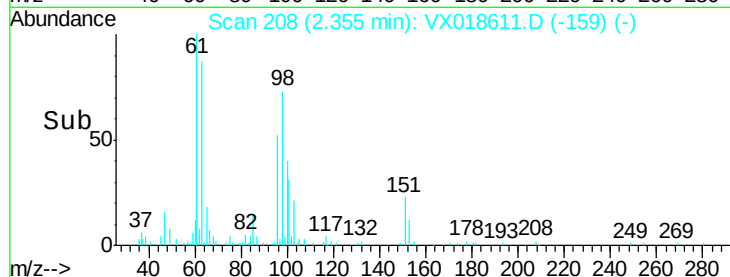
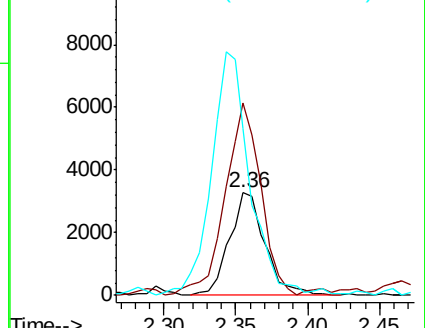
63 162.2 104.7 194.4



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0



#13

Acetone

Concen: 5.109 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

Lab File: VX018611.D

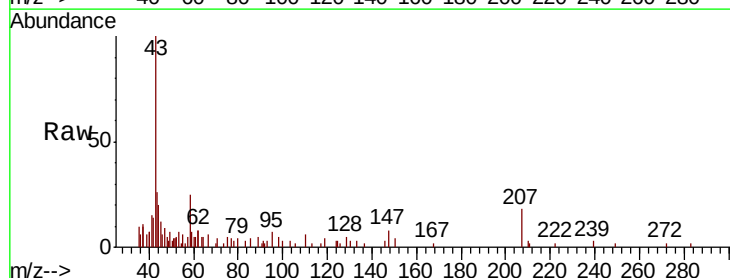
Acq: 28 Sep 2020 10:52

Tgt Ion: 43 Resp: 9539

Ion Ratio Lower Upper

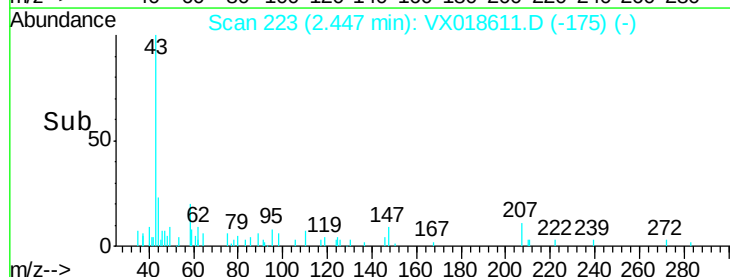
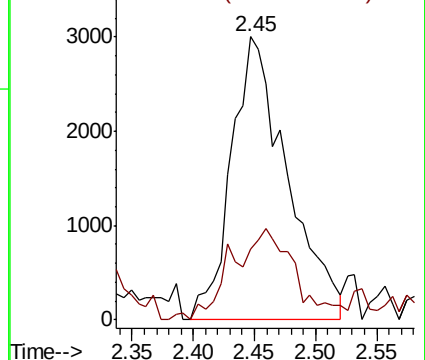
43 100

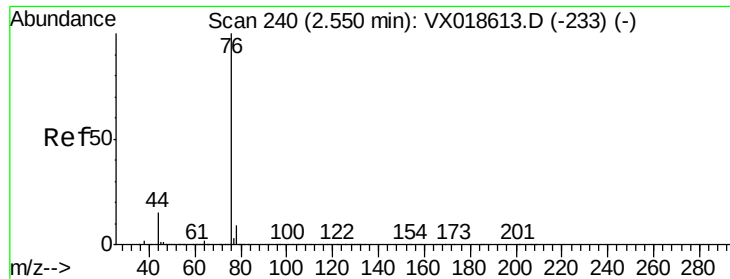
58 36.1 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

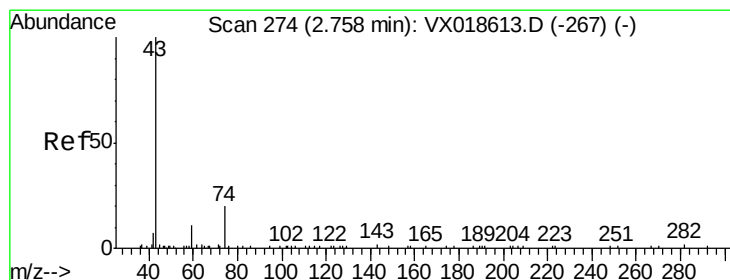
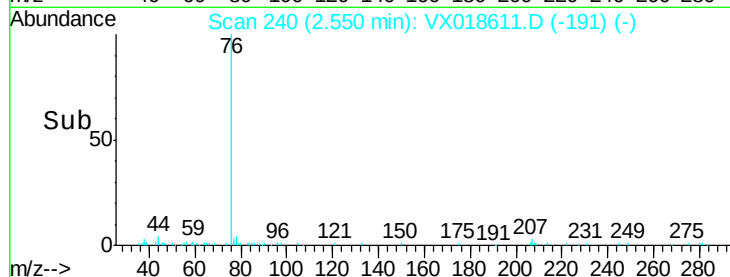
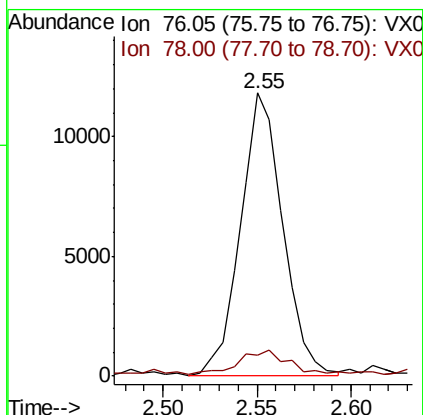
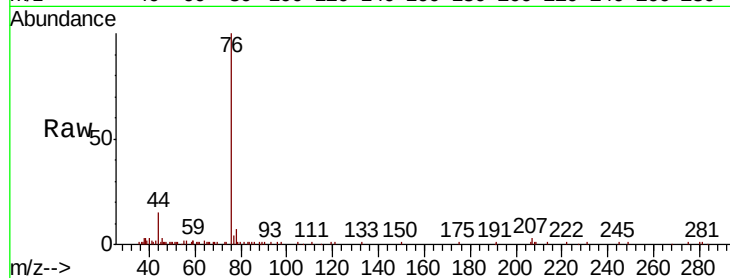




#14
Carbon disulfide
Concen: 0.491 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

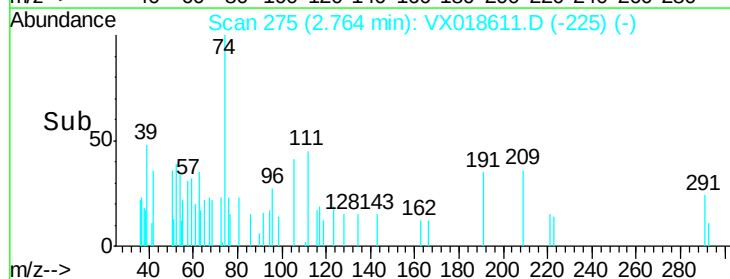
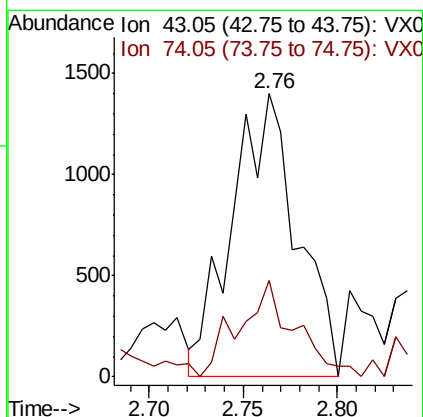
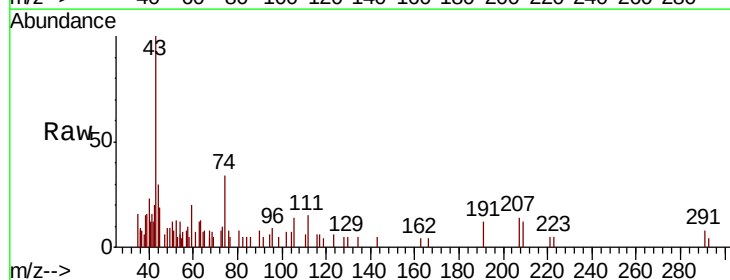
Instrument :
MSVOA_X
ClientSampled :
VSTD0.563

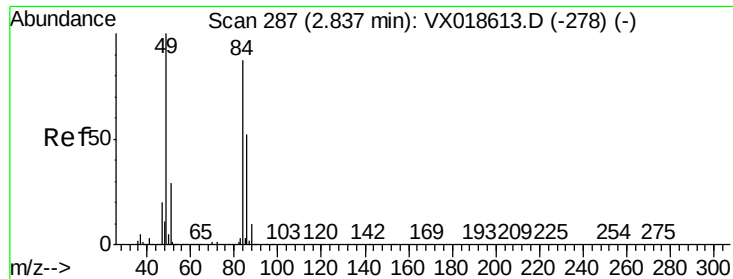
Tot Ion: 76 Resp: 18410
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#15
Methyl Acetate
Concen: 0.649 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 43 Resp: 3356
Ion Ratio Lower Upper
43 100
74 29.2 21.2 31.8

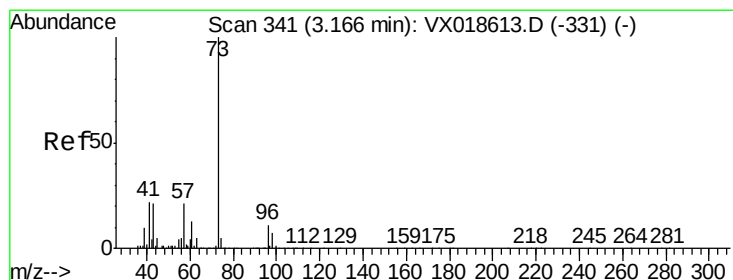
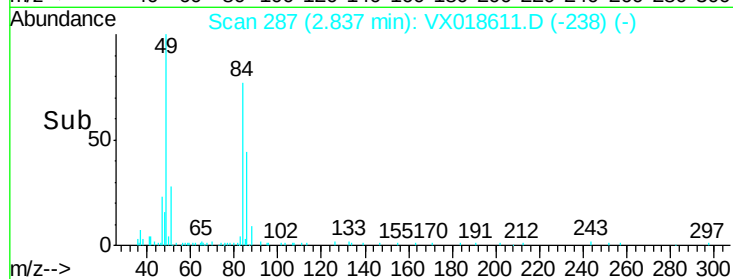
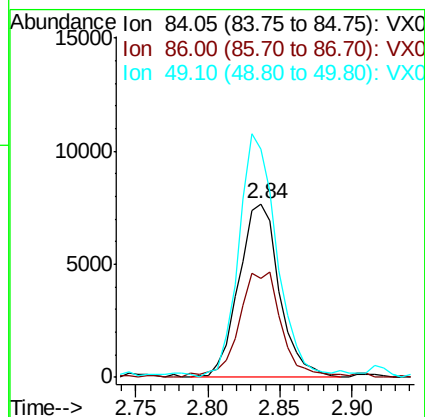
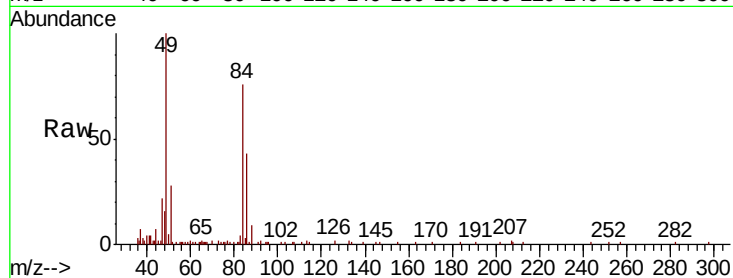




#16
Methylene chloride
Concen: 0.890 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

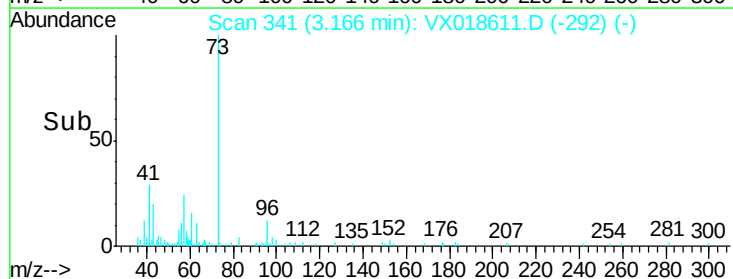
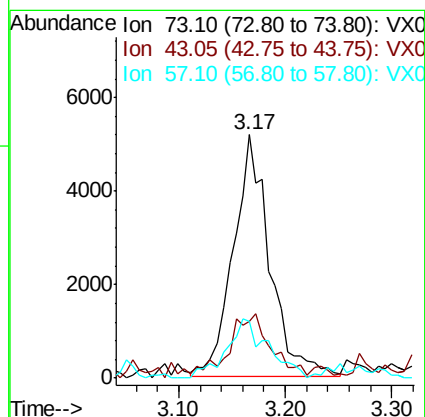
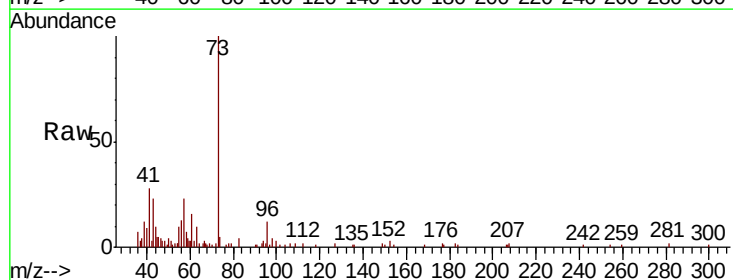
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

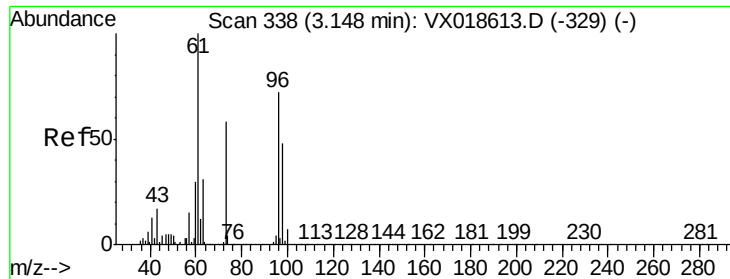
Tot Ion: 84 Resp: 15011
Ion Ratio Lower Upper
84 100
86 56.9 41.9 77.7
49 131.8 80.8 150.2



#17
Methyl tert-butyl Ether
Concen: 0.453 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 73 Resp: 12430
Ion Ratio Lower Upper
73 100
43 30.8 18.6 27.8#
57 27.9 17.3 25.9#

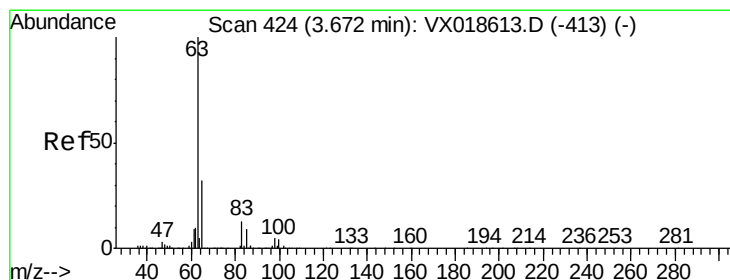
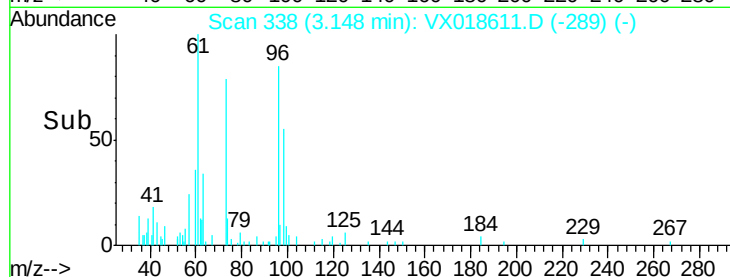
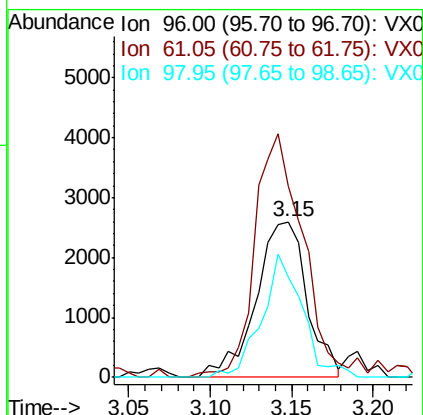
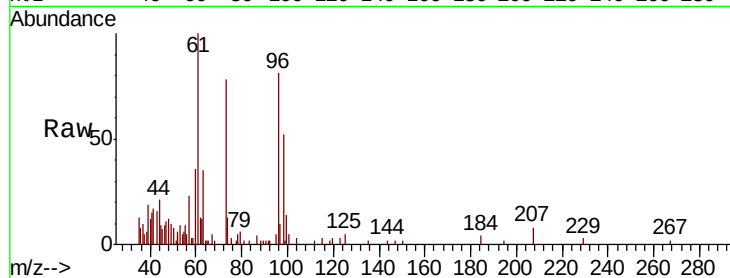




#18
trans-1,2-Dichloroethene
Concen: 0.454 ug/L
RT: 3.15 min Scan# 338
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

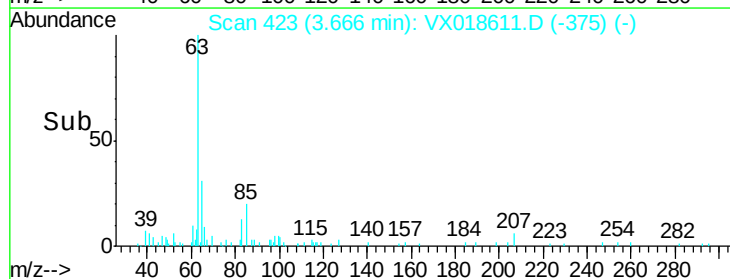
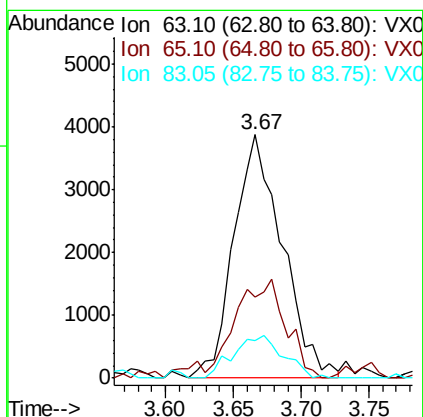
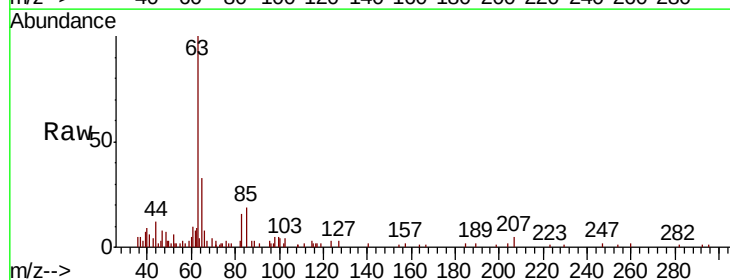
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

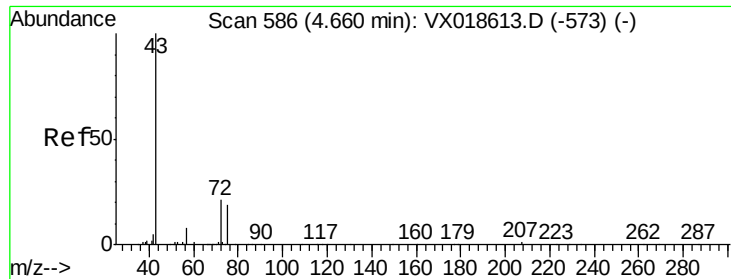
Tot Ion: 96 Resp: 5606
Ion Ratio Lower Upper
96 100
61 122.8 97.3 180.7
98 64.3 46.6 86.6



#19
1,1-Dichloroethane
Concen: 0.436 ug/L
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 63 Resp: 9643
Ion Ratio Lower Upper
63 100
65 33.5 22.7 42.1
83 15.7 9.3 17.3





#21

2-Butanone

Concen: 4.783 ug/L

RT: 4.65 min Scan# 585

Delta R.T. -0.01 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

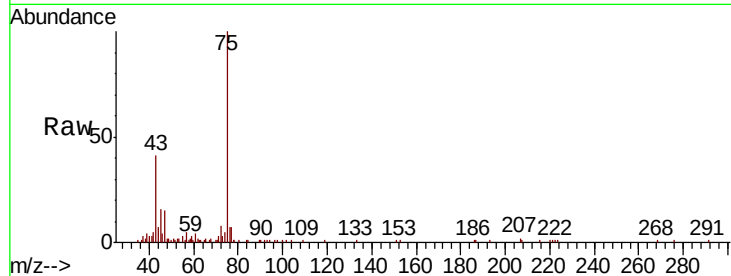
VSTD0.563

Tot Ion: 43 Resp: 14174

Ion Ratio Lower Upper

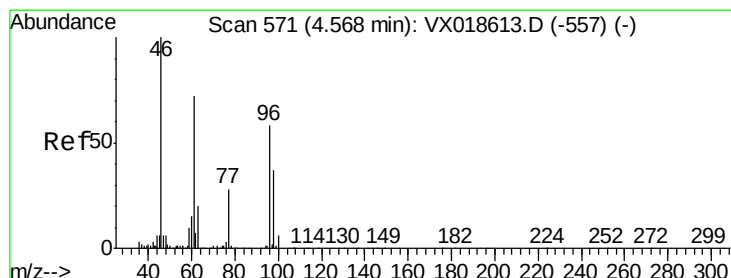
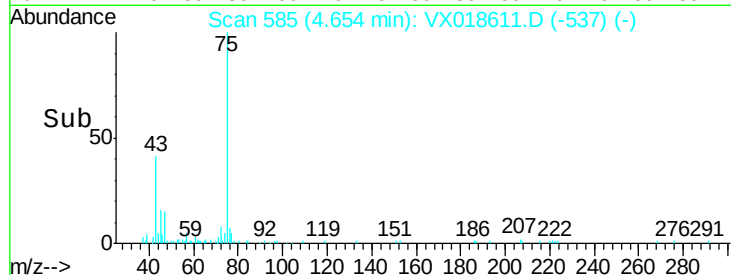
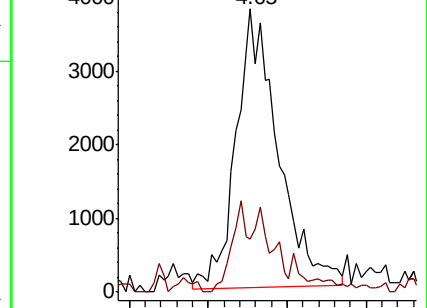
43 100

72 10.5 5.2 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 0.448 ug/L

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

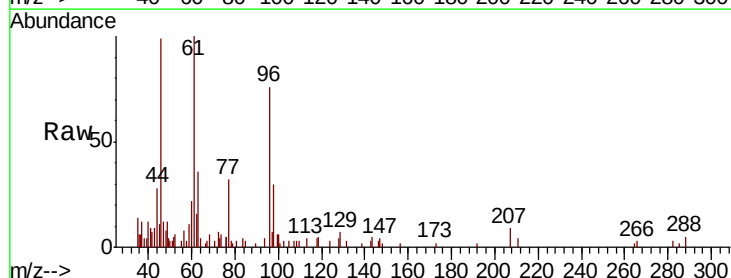
Tgt Ion: 96 Resp: 5766

Ion Ratio Lower Upper

96 100

61 131.3 87.7 162.9

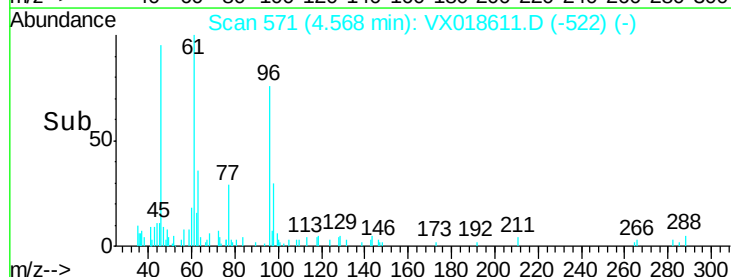
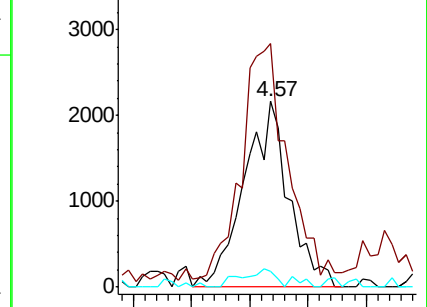
68 8.2 0.3 0.7#

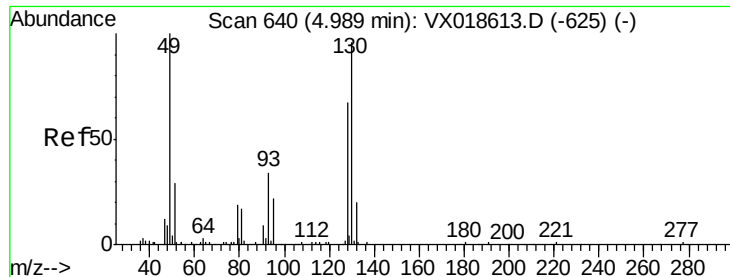


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0





#23

Bromochloromethane

Concen: 0.486 ug/L

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.563

Tot Ion:128 Resp: 2997

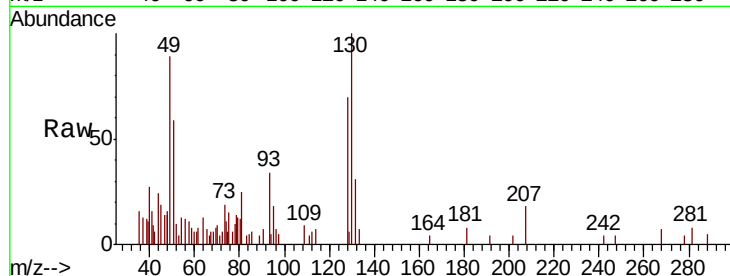
Ion Ratio Lower Upper

128 100

49 127.8 105.2 195.4

130 143.6 100.6 186.8

51 85.0 35.8 53.8#

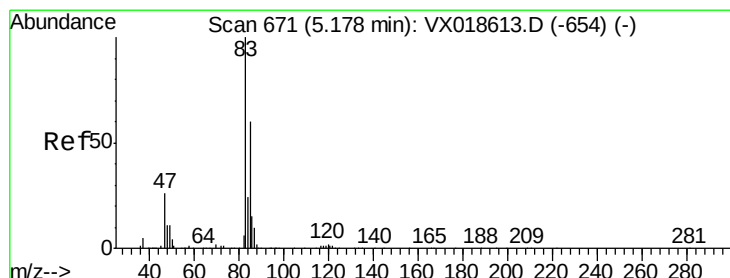
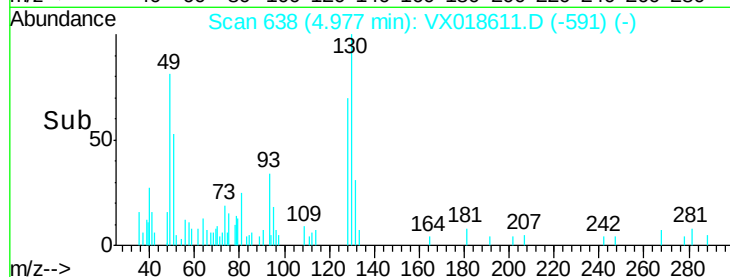
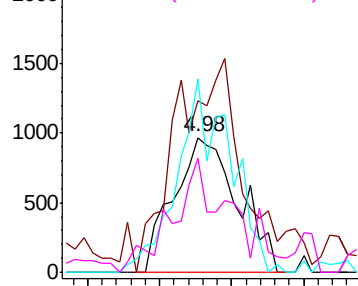


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VX0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VX0



#25

Chloroform

Concen: 0.455 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018611.D

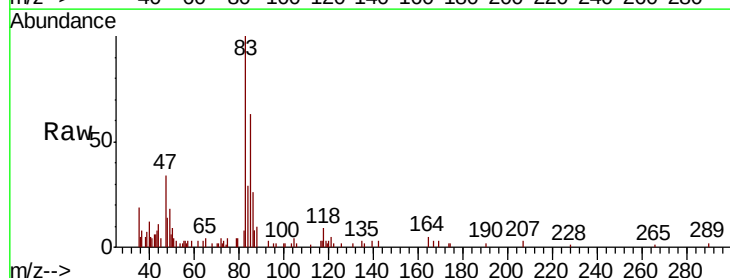
Acq: 28 Sep 2020 10:52

Tgt Ion: 83 Resp: 11006

Ion Ratio Lower Upper

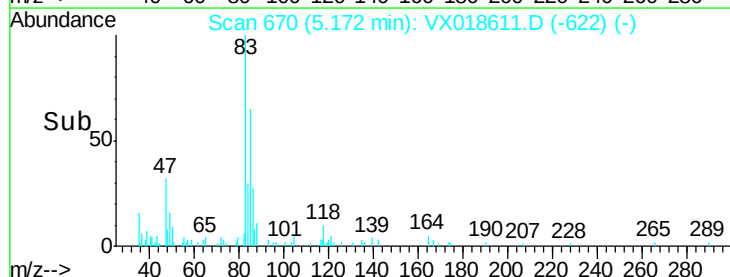
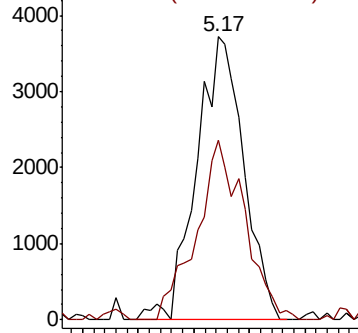
83 100

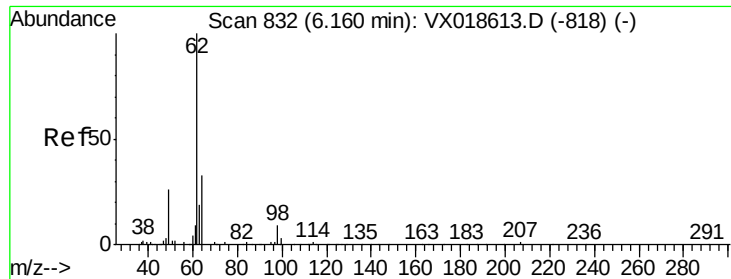
85 63.3 41.8 77.6



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

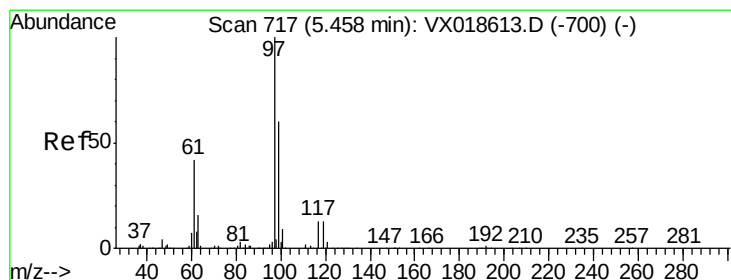
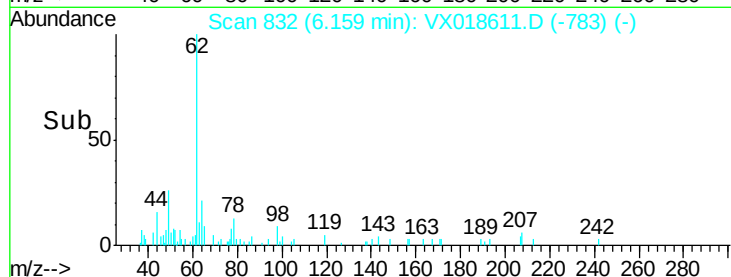
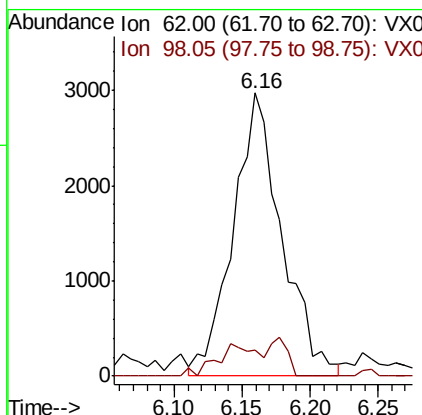
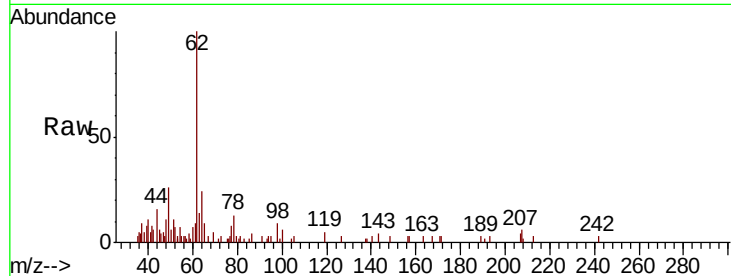




#27
 1,2-Dichloroethane
 Concen: 0.484 ug/L
 RT: 6.16 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: VX018611.D
 Acq: 28 Sep 2020 10:52

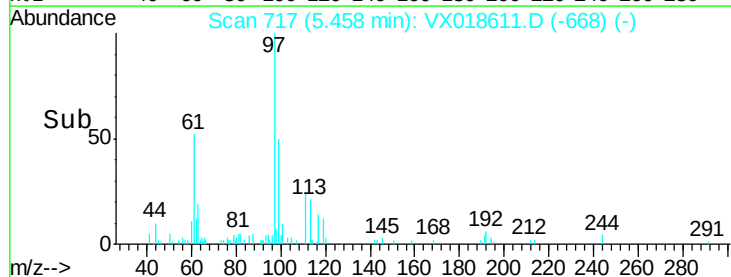
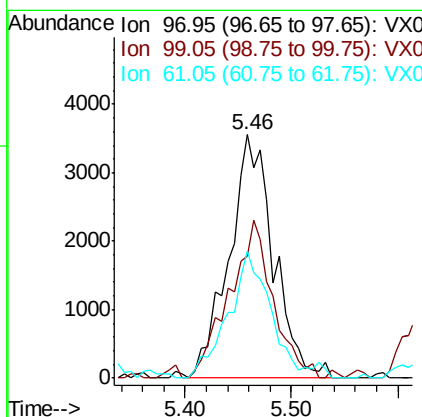
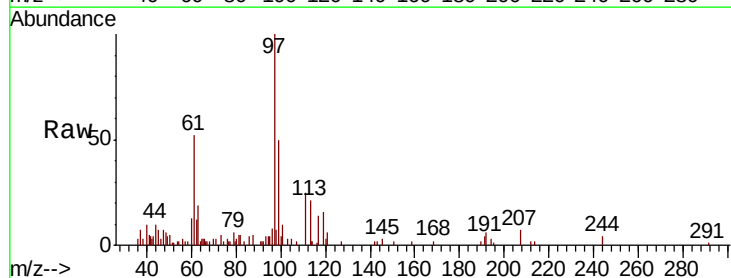
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.563

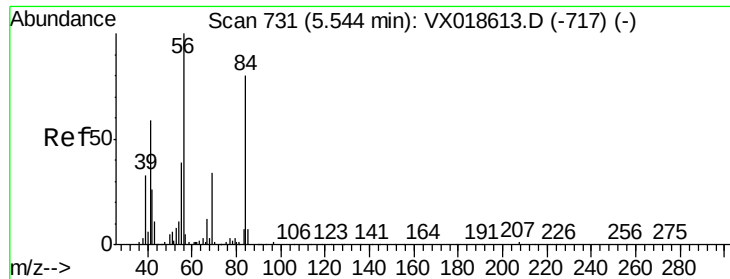
Tot Ion: 62 Resp: 7409
 Ion Ratio Lower Upper
 62 100
 98 9.2 7.0 10.4



#29
 1,1,1-Trichloroethane
 Concen: 0.455 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX018611.D
 Acq: 28 Sep 2020 10:52

Tgt Ion: 97 Resp: 10396
 Ion Ratio Lower Upper
 97 100
 99 63.1 50.0 75.0
 61 49.5 33.9 50.9

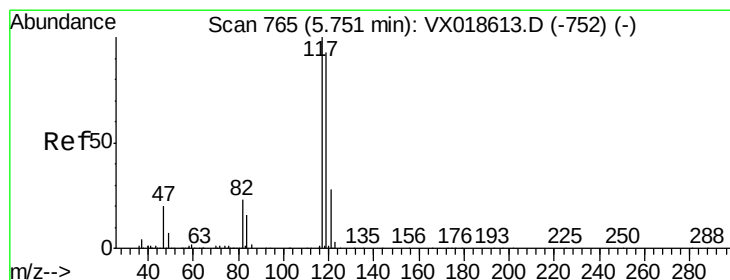
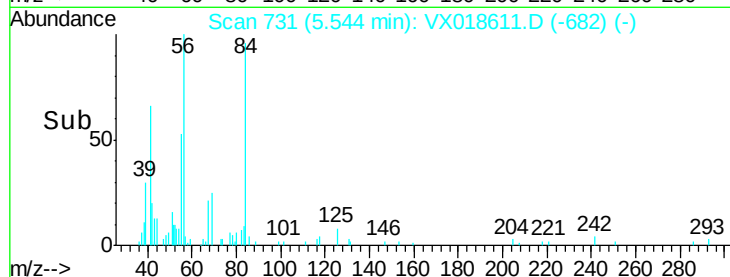
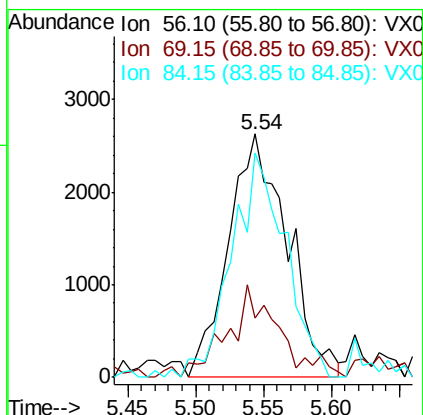
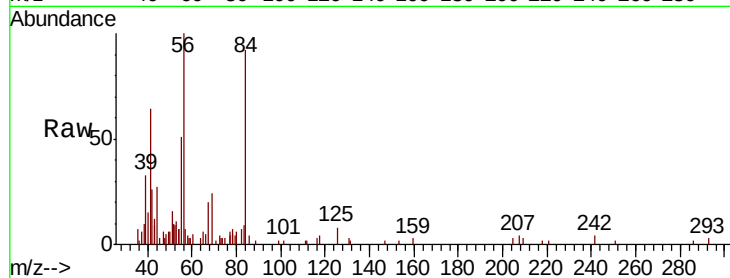




#30
Cyclohexane
Concen: 0.438 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

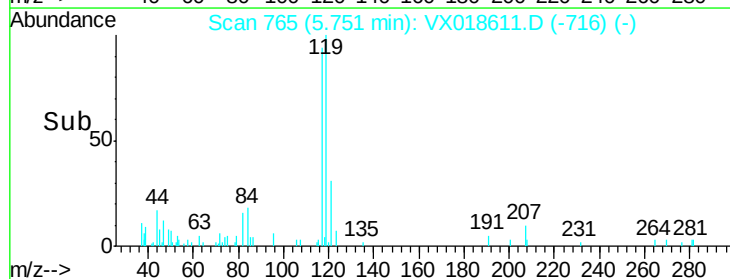
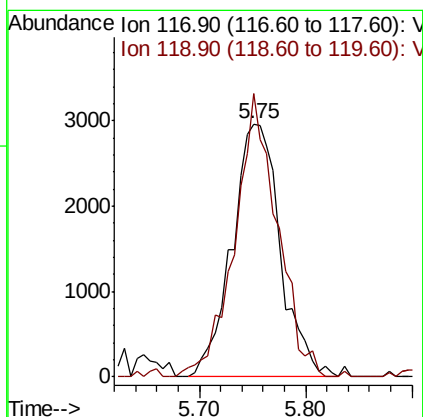
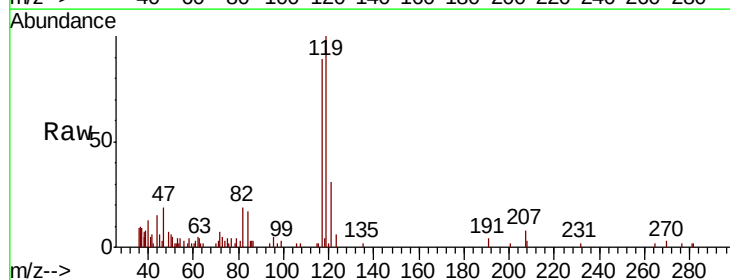
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

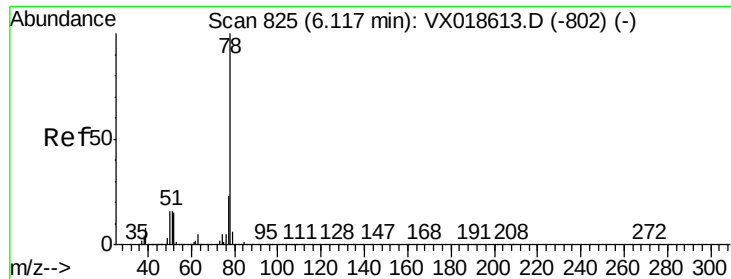
Tot Ion: 56 Resp: 7960
Ion Ratio Lower Upper
56 100
69 30.6 26.4 39.6
84 83.9 72.7 109.1



#31
Carbon tetrachloride
Concen: 0.447 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 117 Resp: 9409
Ion Ratio Lower Upper
117 100
119 98.6 76.3 114.5





#33

Benzene

Concen: 0.453 ug/L

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

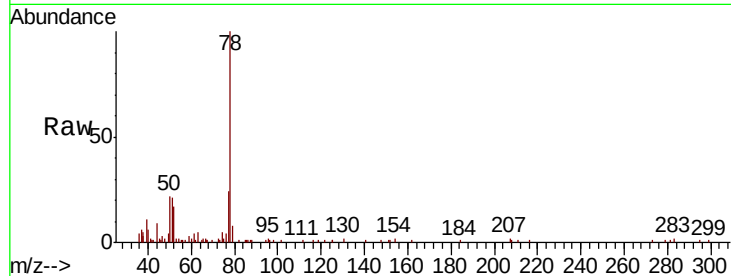
Instrument :

MSVOA_X

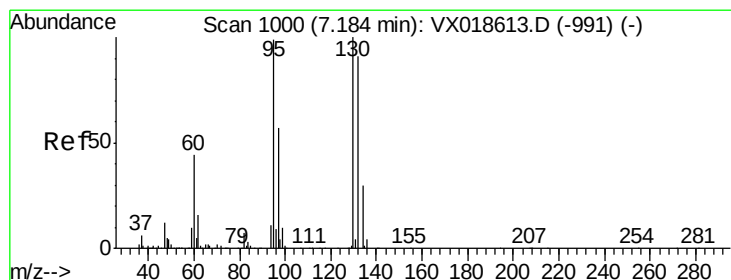
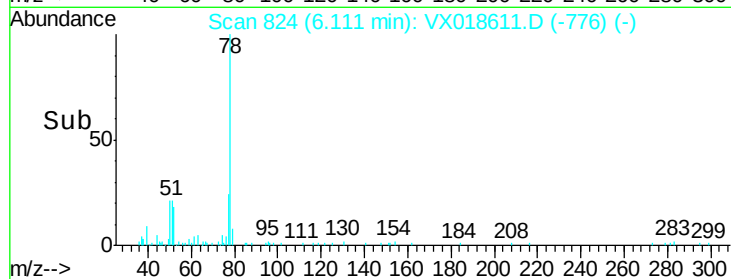
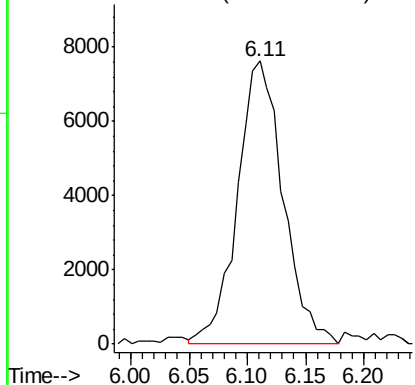
ClientSampleId :

VSTD0.563

Tgt Ion: 78 Resp: 20916



Abundance Ion 78.10 (77.80 to 78.80): VX0



#34

Trichloroethene

Concen: 0.471 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Tgt Ion: 95 Resp: 6293

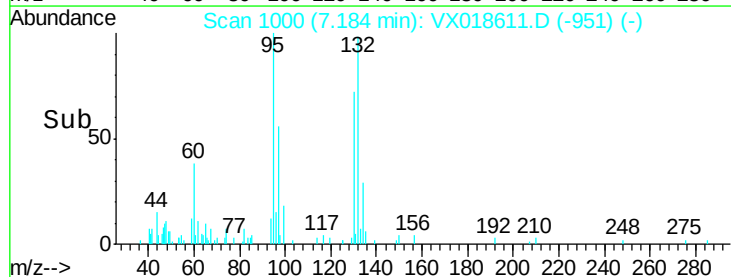
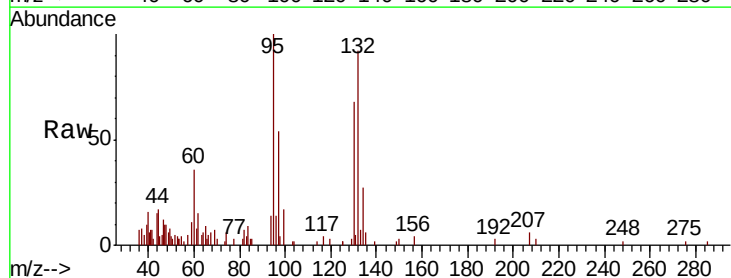
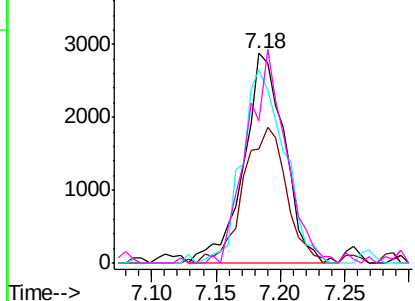
Ion	Ratio	Lower	Upper
95	100		
97	54.4	40.6	75.4
132	92.4	64.3	119.5
130	68.1	70.6	131.0

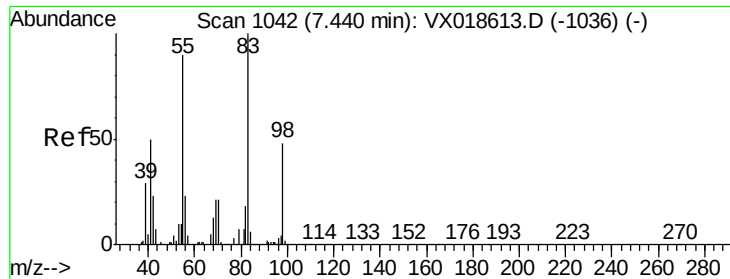
Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

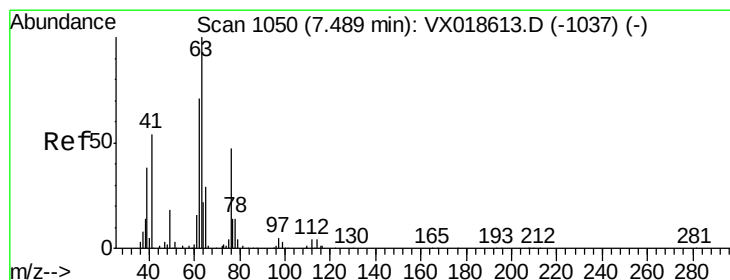
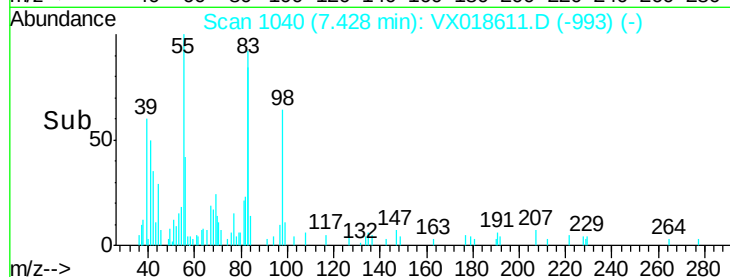
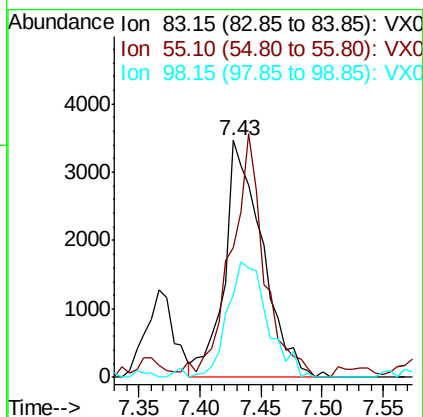
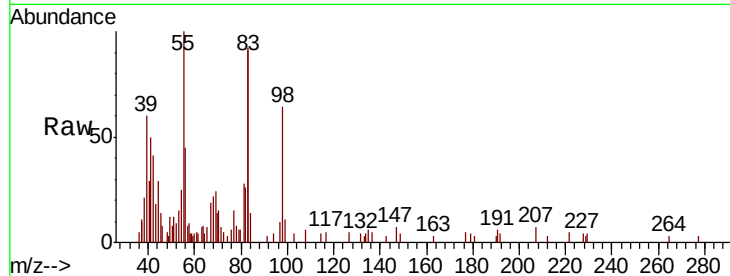




#35
Methylvlcyclohexane
Concen: 0.399 ug/L
RT: 7.43 min Scan# 1040
Delta R.T. -0.01 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

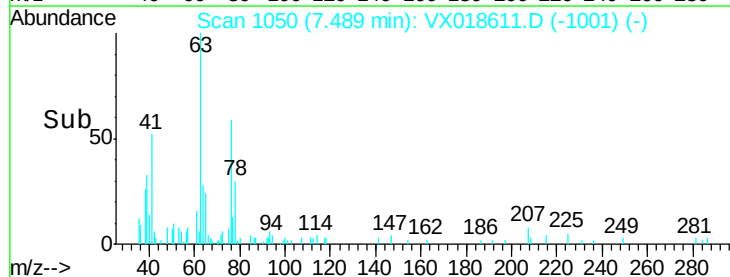
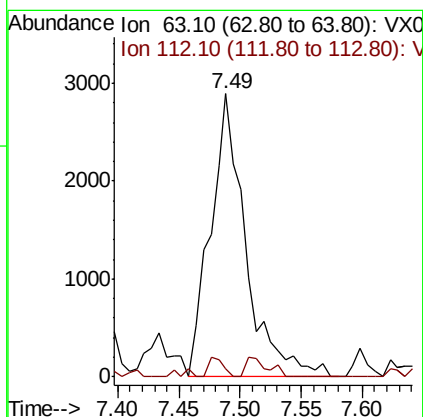
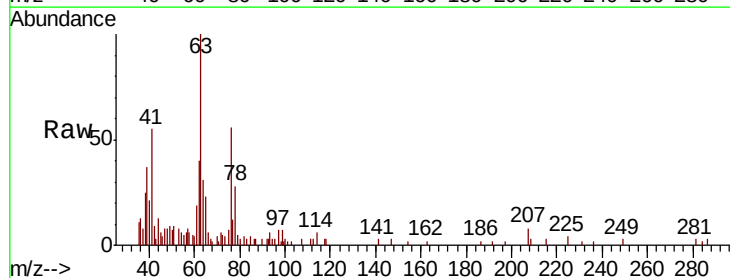
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

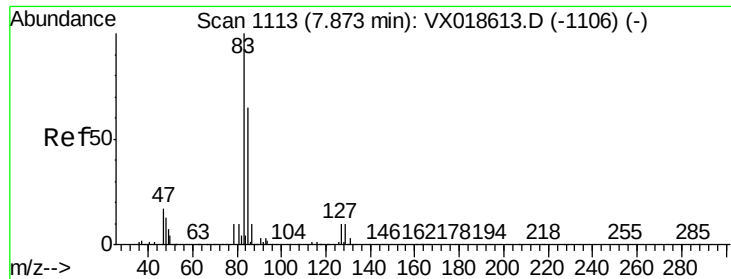
Tot Ion: 83 Resp: 7421
Ion Ratio Lower Upper
83 100
55 91.5 67.4 101.0
98 51.5 41.1 61.7



#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 7.49 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 63 Resp: 5826
Ion Ratio Lower Upper
63 100
112 2.9 4.1 6.1#





#38

Bromodichloromethane

Concen: 0.467 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.563

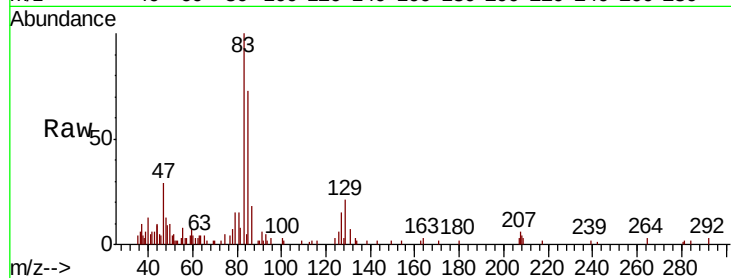
Tot Ion: 83 Resp: 7770

Ion Ratio Lower Upper

83 100

85 73.3 45.2 84.0

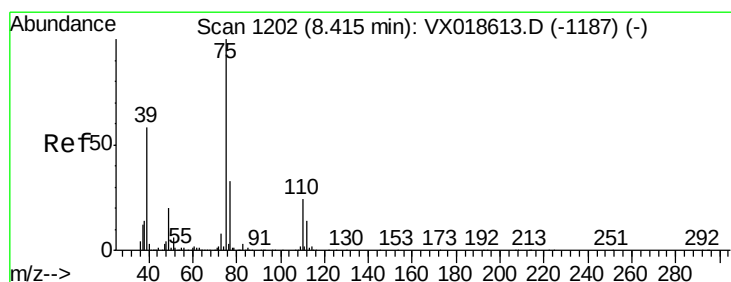
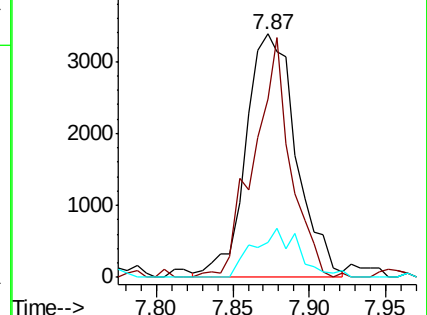
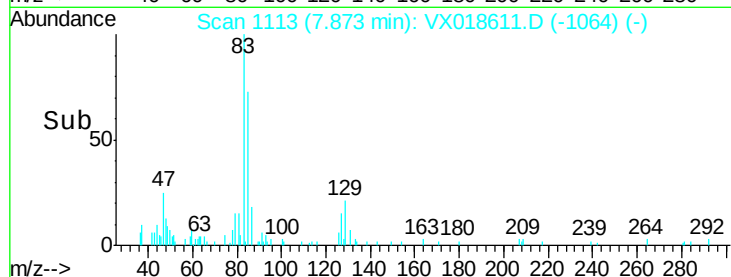
127 14.5 8.2 12.2#



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V



#39

cis-1,3-Dichloropropene

Concen: 0.414 ug/L

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX018611.D

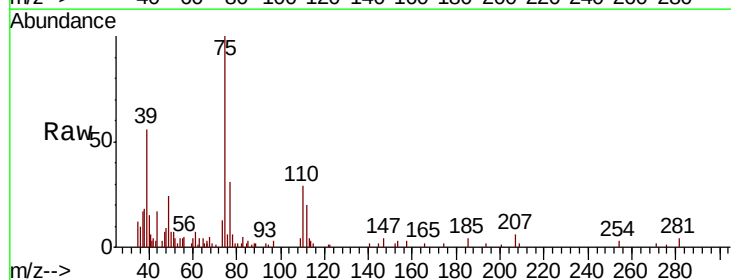
Acq: 28 Sep 2020 10:52

Tgt Ion: 75 Resp: 7235

Ion Ratio Lower Upper

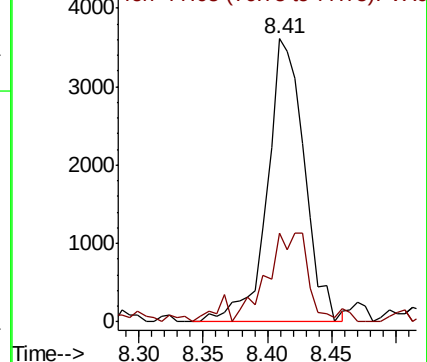
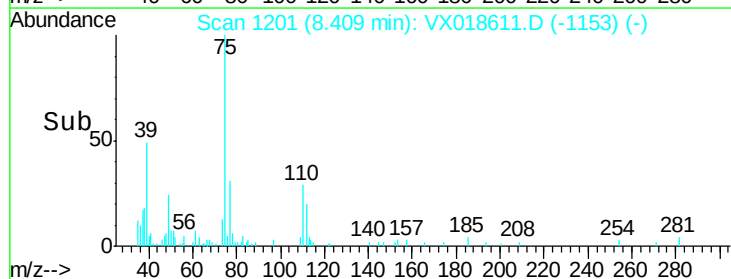
75 100

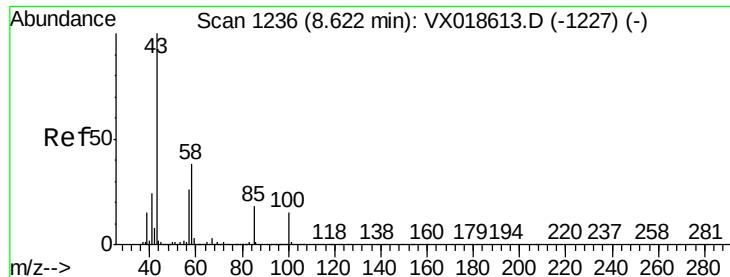
77 31.3 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

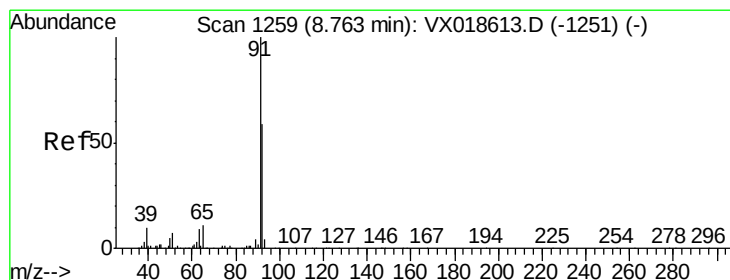
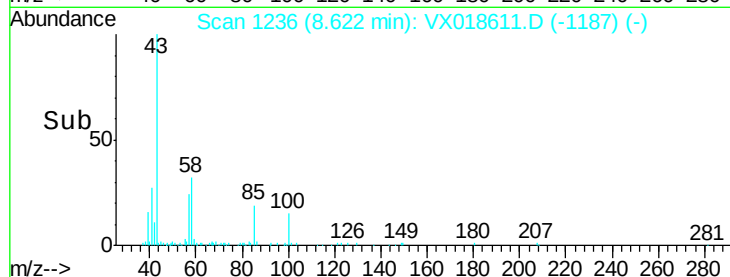
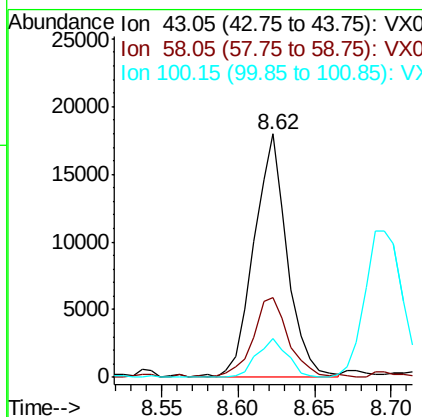
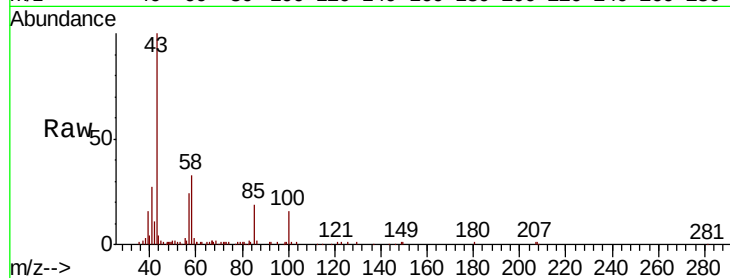




#40
4-Methyl-2-pentanone
Concen: 3.995 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

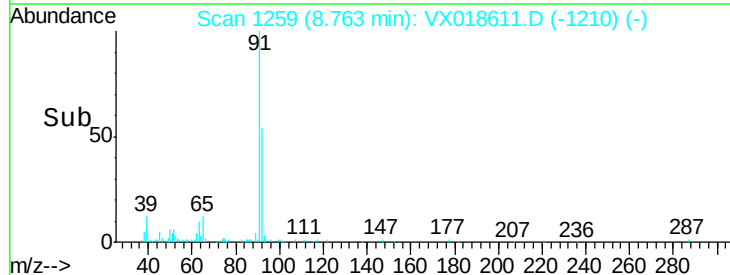
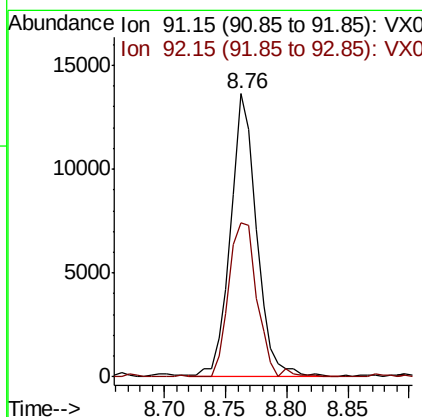
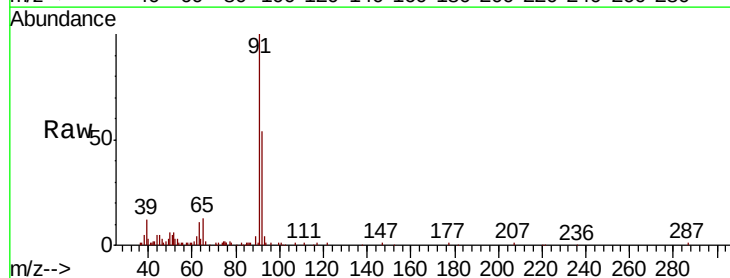
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

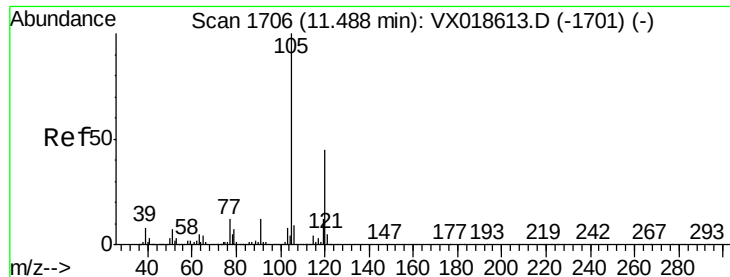
Tot Ion: 43 Resp: 27294
Ion Ratio Lower Upper
43 100
58 35.1 30.2 45.4
100 14.7 11.8 17.8



#42
Toluene
Concen: 0.405 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 91 Resp: 20194
Ion Ratio Lower Upper
91 100
92 54.5 41.1 76.3





#43

1,3,5-Trimethylbenzene

Concen: 0.338 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

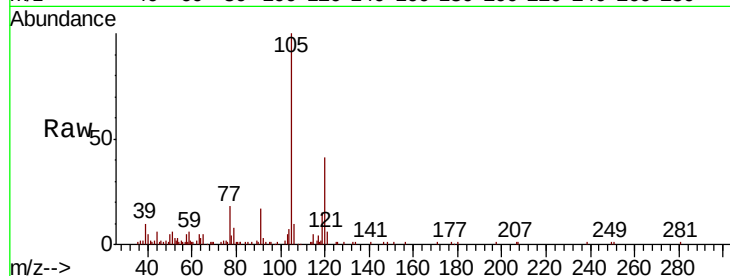
VSTD0.563

Tot Ion:105 Resp: 14754

Ion Ratio Lower Upper

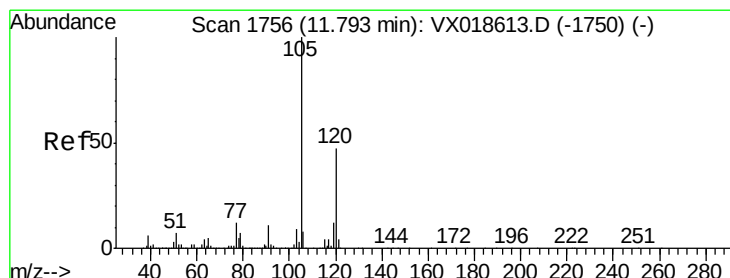
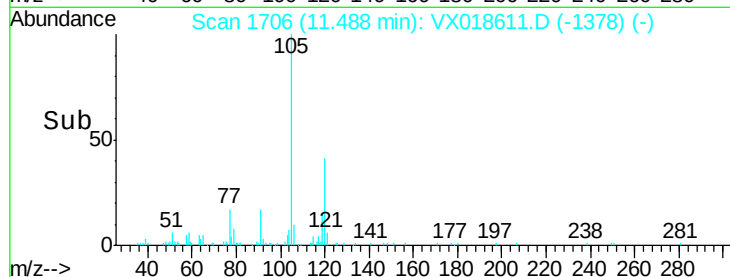
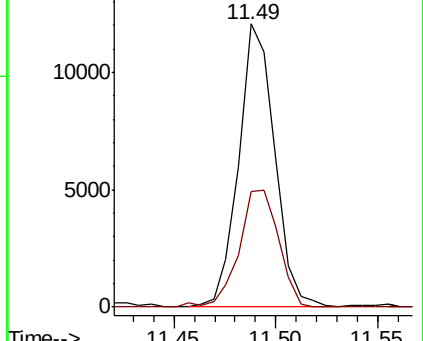
105 100

120 45.6 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#44

1,2,4-Trimethylbenzene

Concen: 0.338 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018611.D

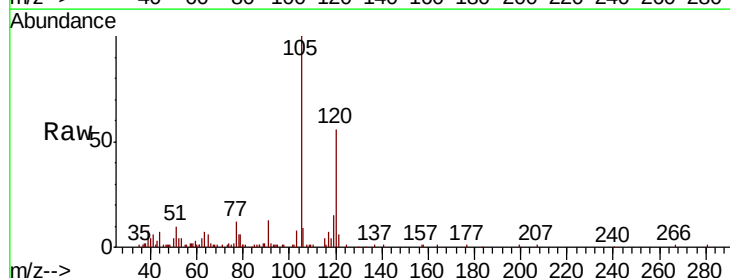
Acq: 28 Sep 2020 10:52

Tgt Ion:105 Resp: 14756

Ion Ratio Lower Upper

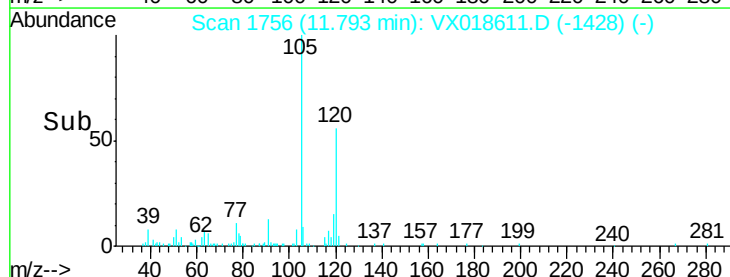
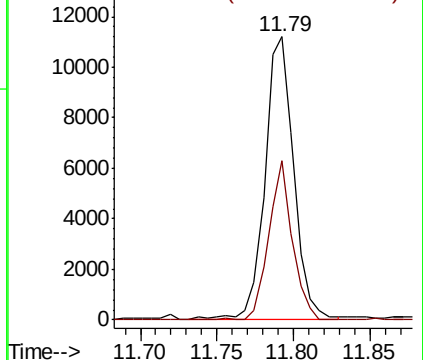
105 100

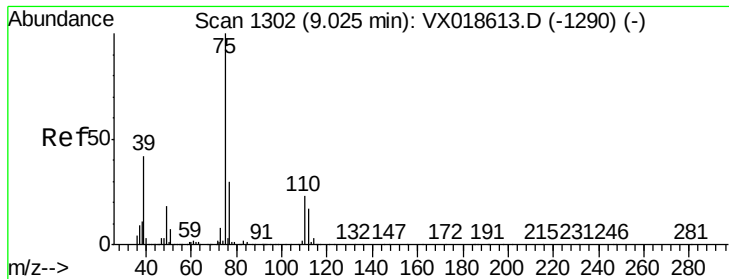
120 45.8 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

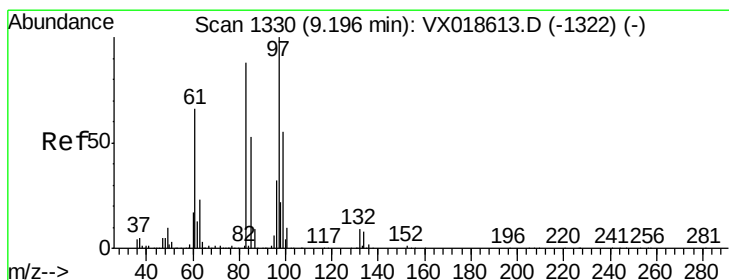
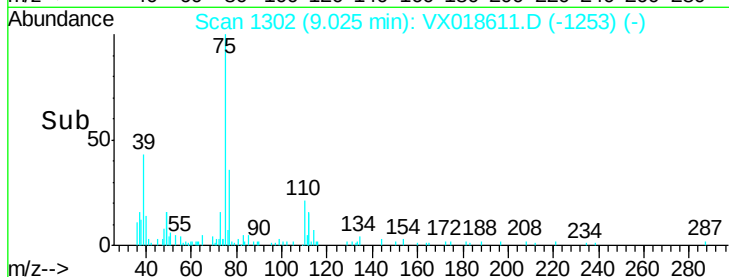
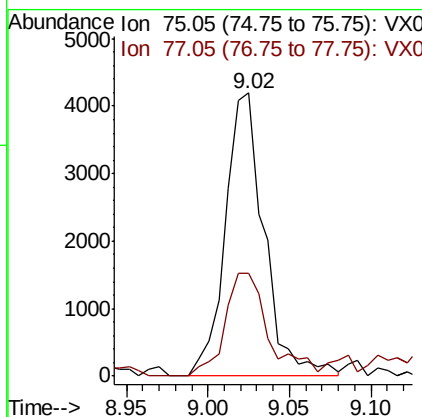
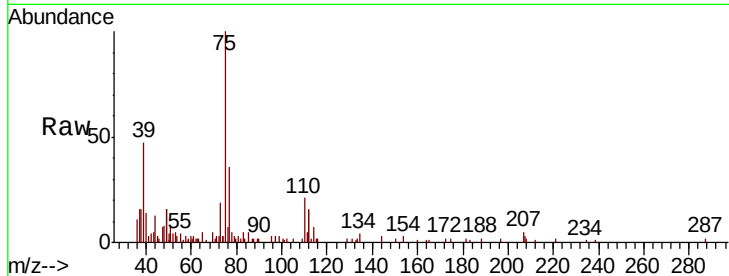




#46
trans-1,3-Dichloropropene
Concen: 0.437 ug/L
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

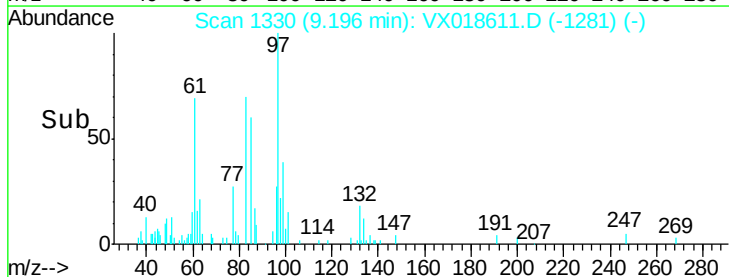
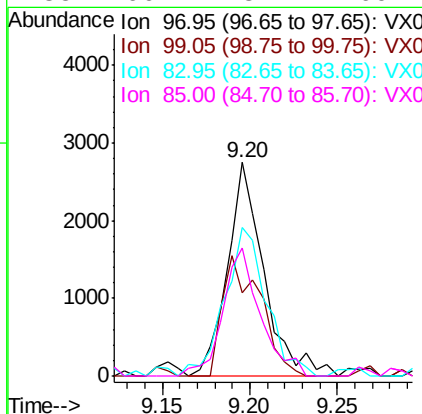
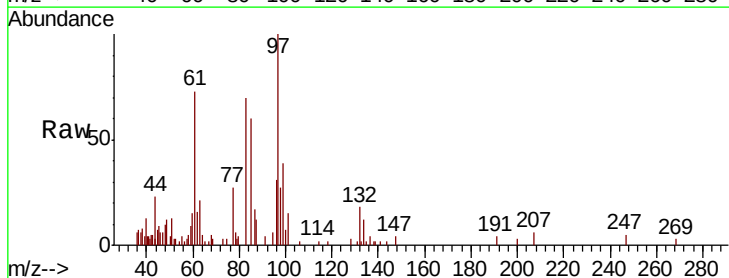
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

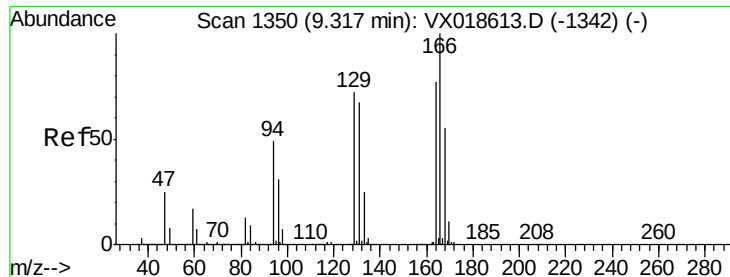
Tot Ion: 75 Resp: 6963
Ion Ratio Lower Upper
75 100
77 36.5 21.2 39.4



#47
1,1,2-Trichloroethane
Concen: 0.453 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion: 97 Resp: 4004
Ion Ratio Lower Upper
97 100
99 39.0 38.9 72.2
83 69.7 61.9 114.9
85 60.2 37.2 69.2





#49

Tetrachloroethene

Concen: 0.483 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.563

Tot Ion:164 Resp: 5081

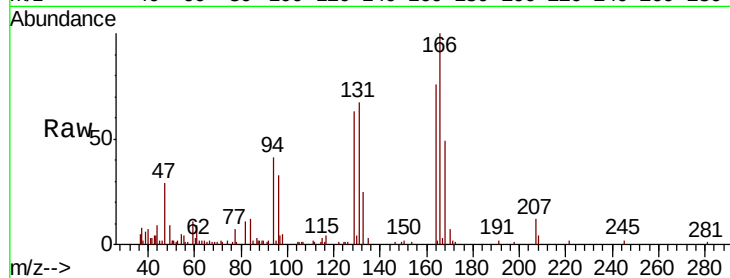
Ion Ratio Lower Upper

164 100

129 82.8 65.9 122.3

131 87.9 61.4 114.0

166 130.9 91.0 169.0

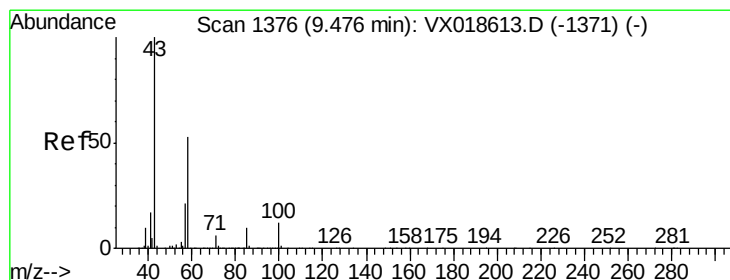
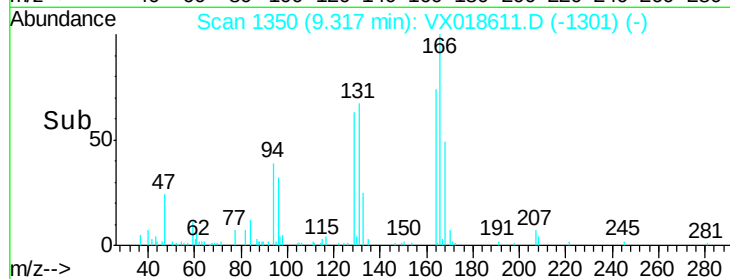
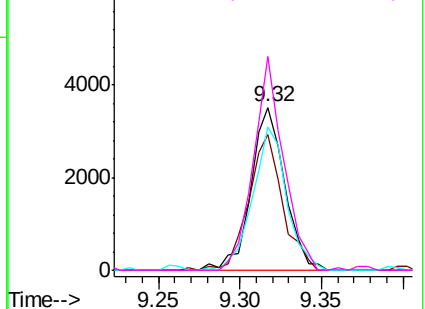


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 4.044 ug/L

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Tgt Ion: 43 Resp: 19559

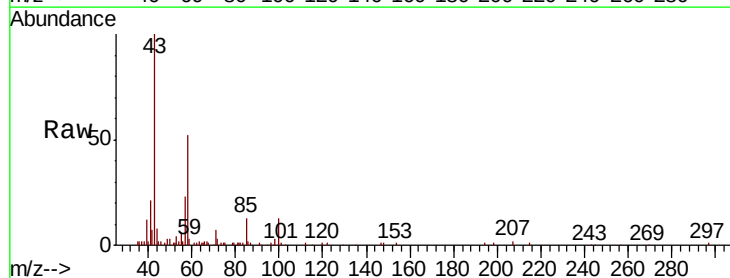
Ion Ratio Lower Upper

43 100

58 51.3 42.5 63.7

57 20.4 15.9 23.9

100 11.0 9.4 14.0

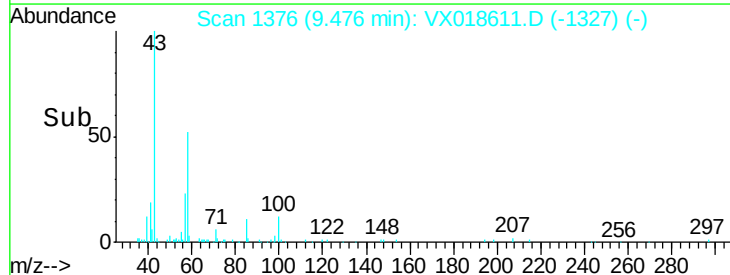
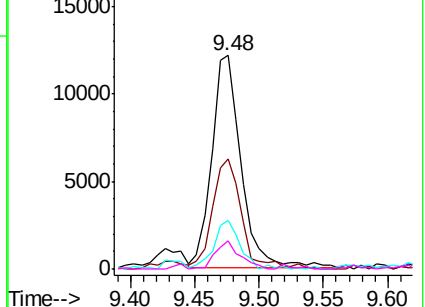


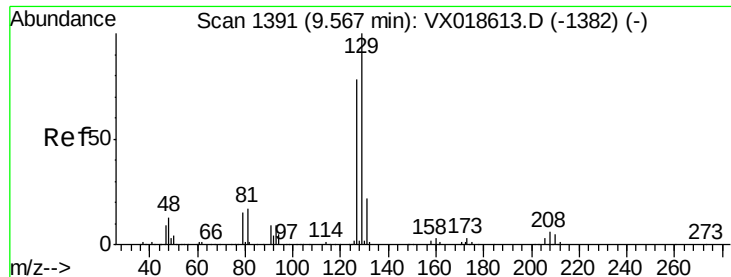
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#51

Dibromochloromethane

Concen: 0.454 ug/L

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

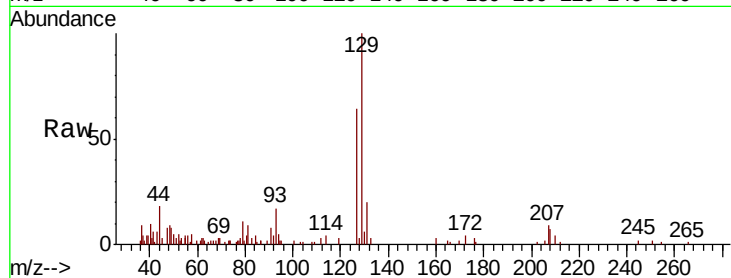
VSTD0.563

Tot Ion:129 Resp: 5255

Ion Ratio Lower Upper

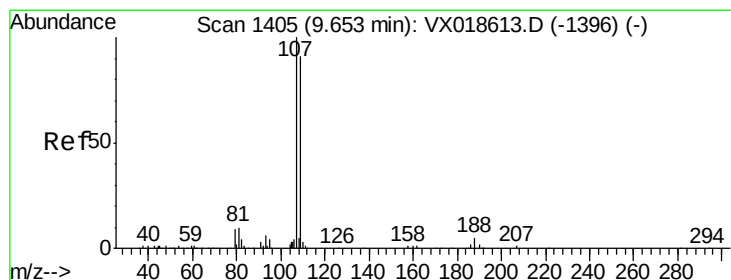
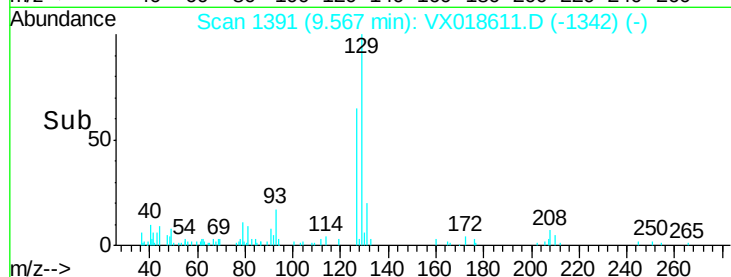
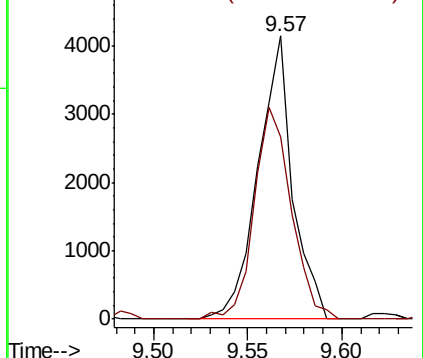
129 100

127 64.4 55.0 102.2



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#52

1,2-Dibromoethane

Concen: 0.488 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

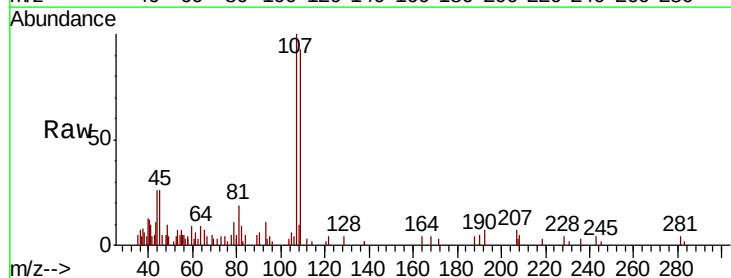
Tgt Ion:107 Resp: 4025

Ion Ratio Lower Upper

107 100

109 92.8 63.4 117.8

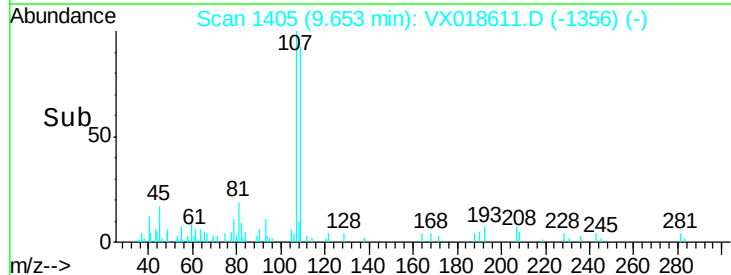
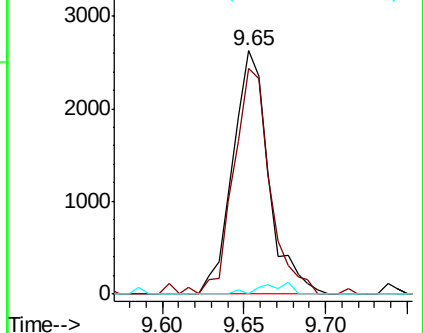
188 0.0 4.1 6.1#

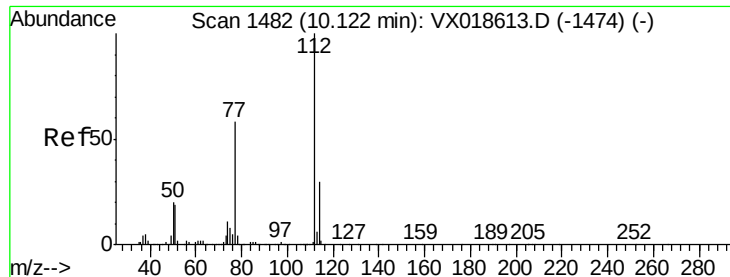


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V





#53

Chlorobenzene

Concen: 0.453 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VSTD0.563

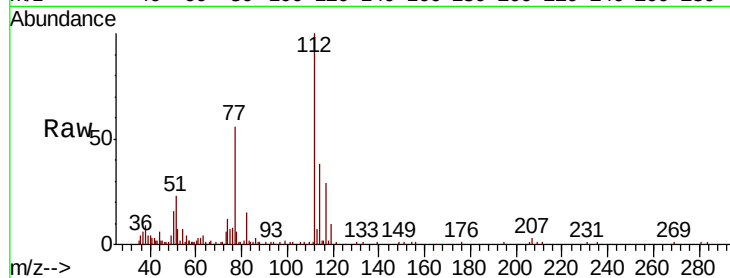
Tot Ion: 112 Resp: 14920

Ion Ratio Lower Upper

112 100

114 38.4 20.6 38.4#

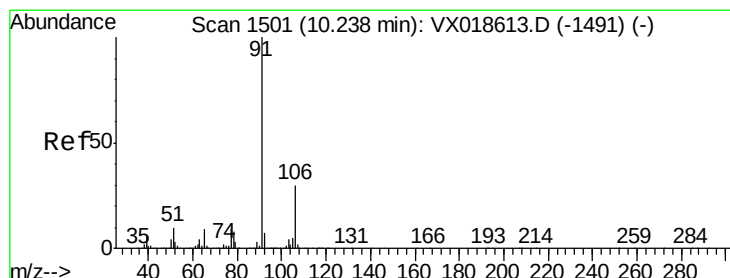
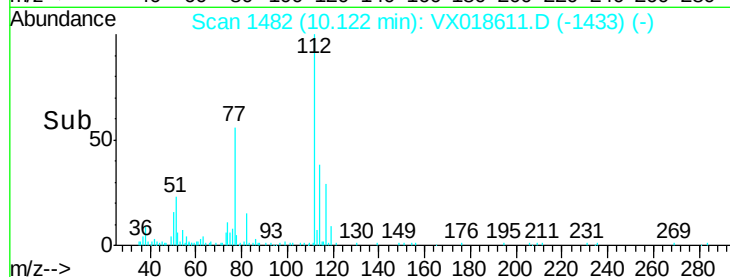
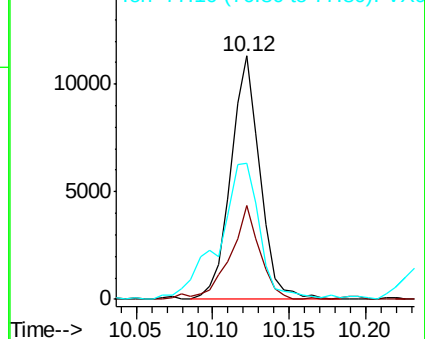
77 61.6 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#54

Ethylbenzene

Concen: 0.391 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018611.D

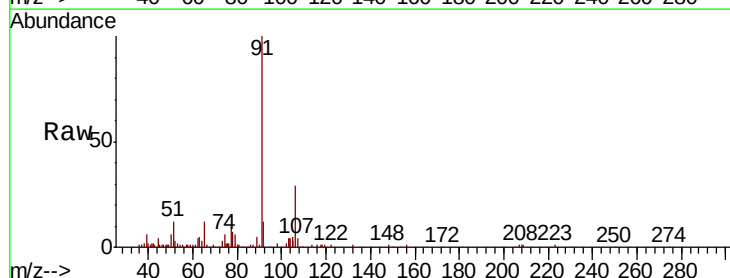
Acq: 28 Sep 2020 10:52

Tgt Ion: 91 Resp: 21270

Ion Ratio Lower Upper

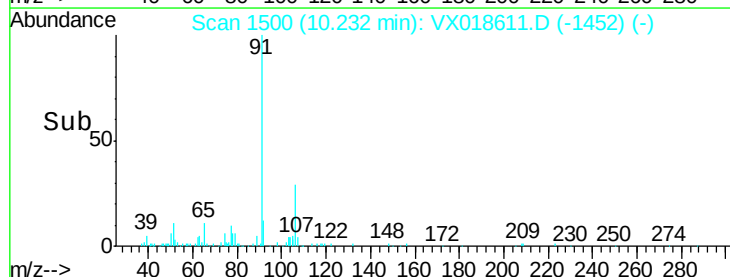
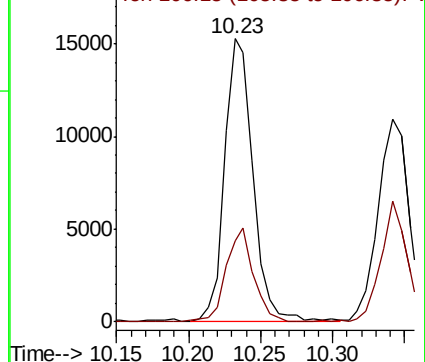
91 100

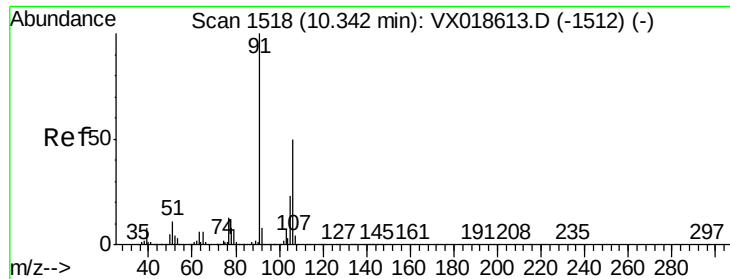
106 28.6 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.394 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

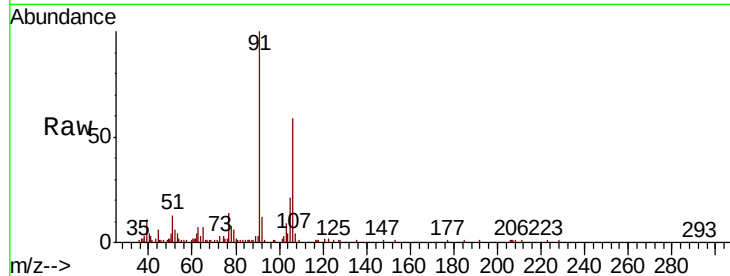
VSTD0.563

Tot Ion:106 Resp: 8194

Ion Ratio Lower Upper

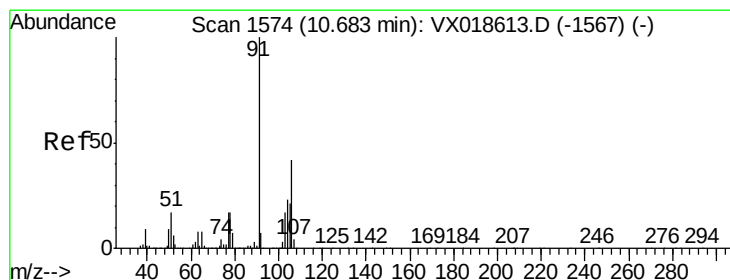
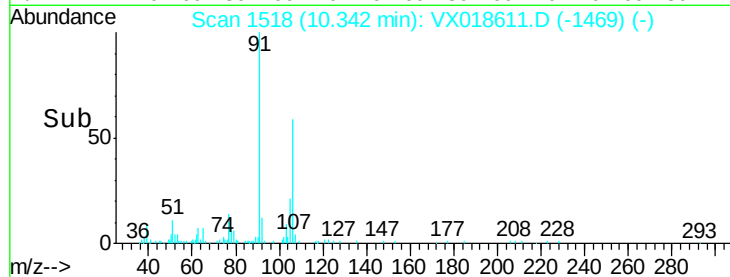
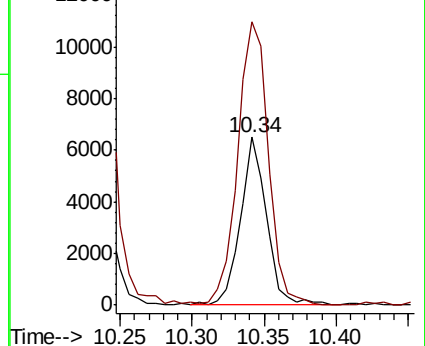
106 100

91 168.8 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.429 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018611.D

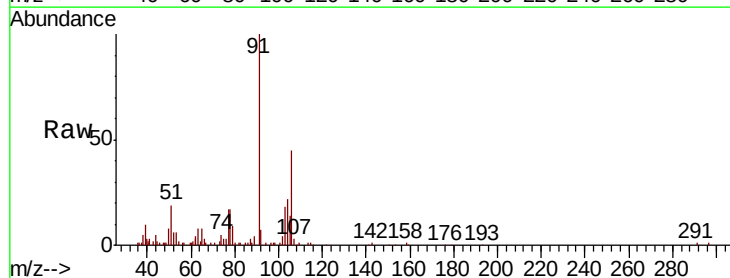
Acq: 28 Sep 2020 10:52

Tgt Ion:106 Resp: 8423

Ion Ratio Lower Upper

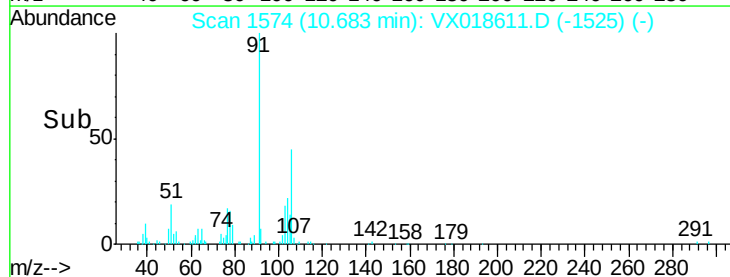
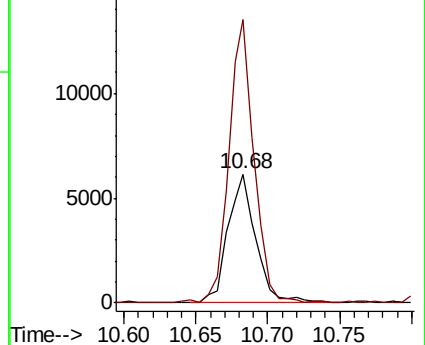
106 100

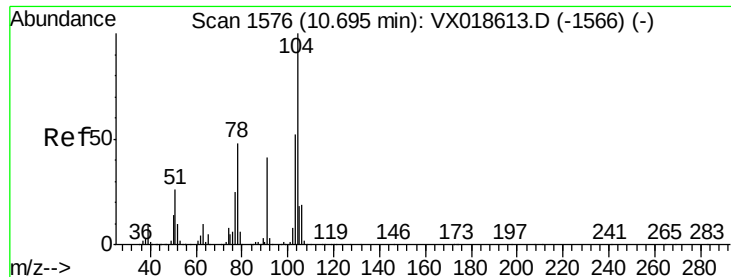
91 220.2 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

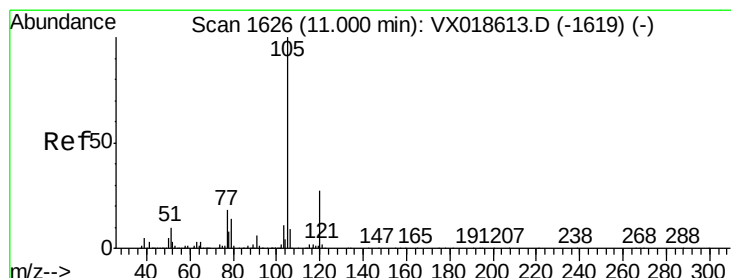
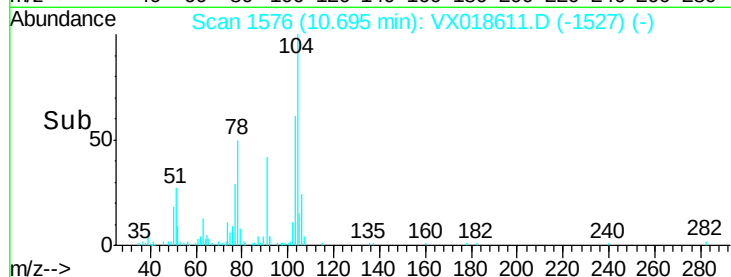
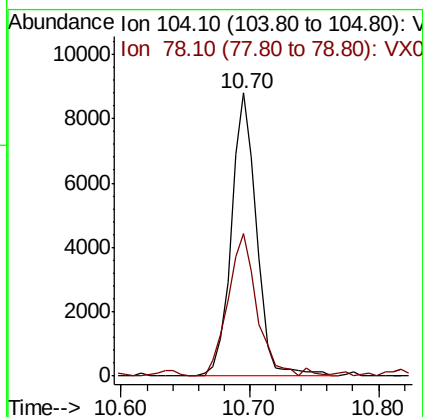
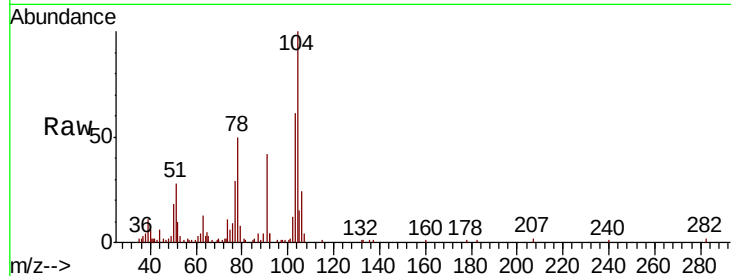




#57
Stvrene
Concen: 0.371 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

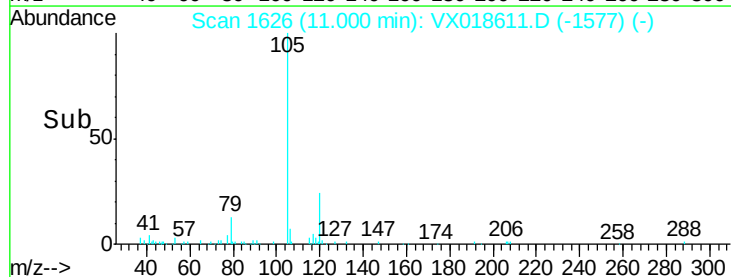
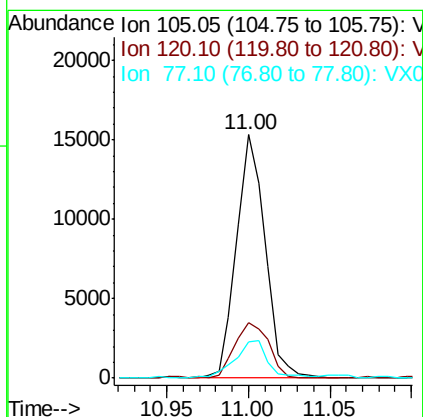
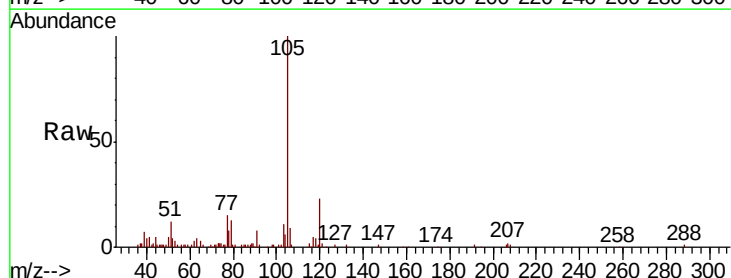
Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

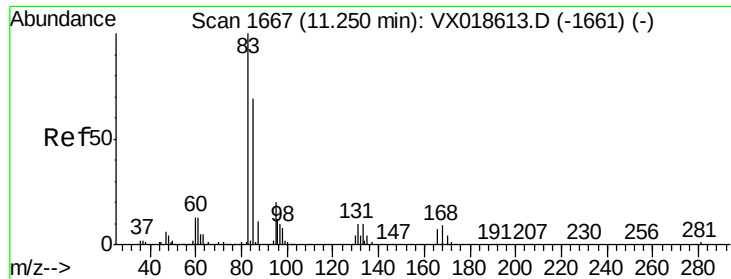
Tot Ion:104 Resp: 12015
Ion Ratio Lower Upper
104 100
78 50.4 33.3 61.9



#58
Isopropylbenzene
Concen: 0.358 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion:105 Resp: 18854
Ion Ratio Lower Upper
105 100
120 27.4 21.2 31.8
77 17.6 13.3 19.9





#60

1,1,2,2-Tetrachloroethane

Concen: 0.469 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.563

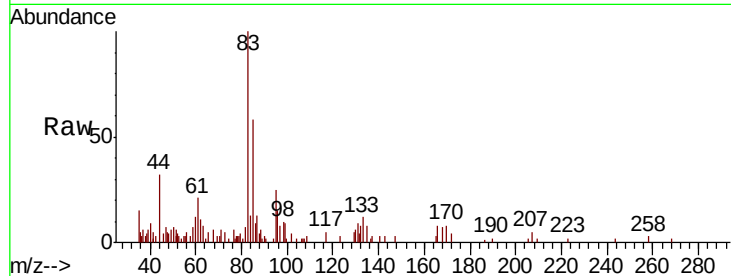
Tot Ion: 83 Resp: 4681

Ion Ratio Lower Upper

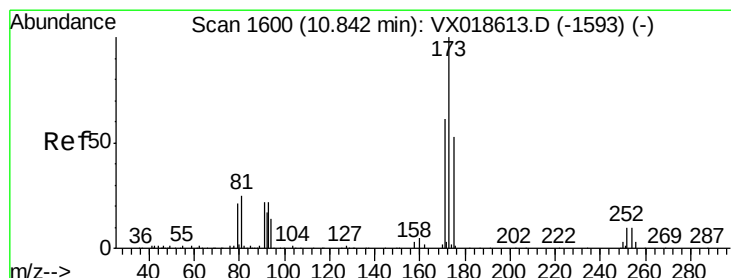
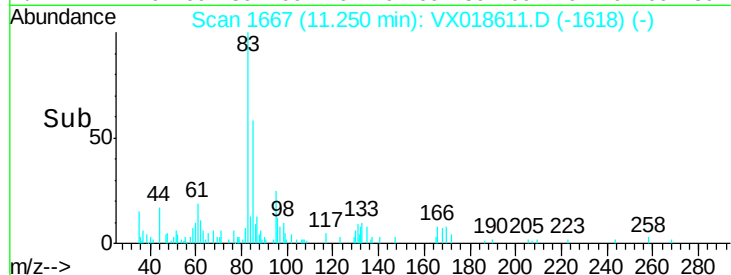
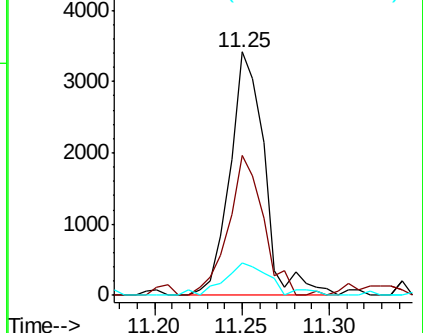
83 100

85 57.6 48.5 90.1

131 13.3 7.8 11.6#



Abundance Ion 82.95 (82.65 to 83.65): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 130.95 (130.65 to 131.65): V



#62

Bromoform

Concen: 0.530 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

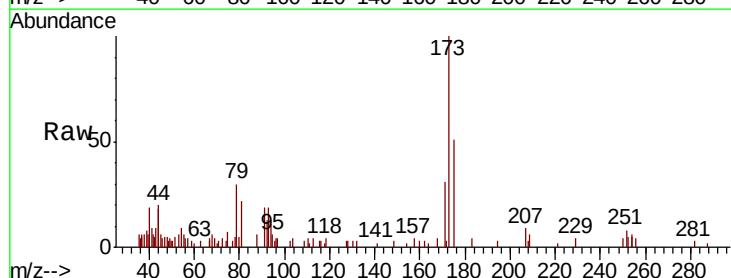
Tgt Ion:173 Resp: 3324

Ion Ratio Lower Upper

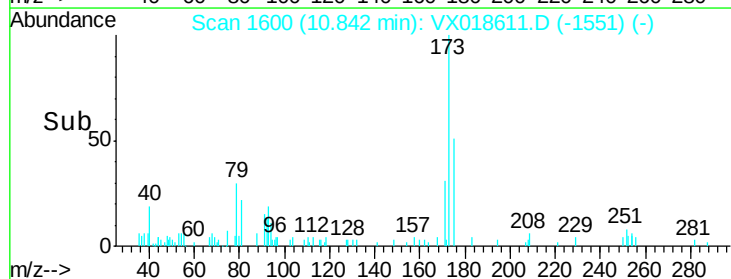
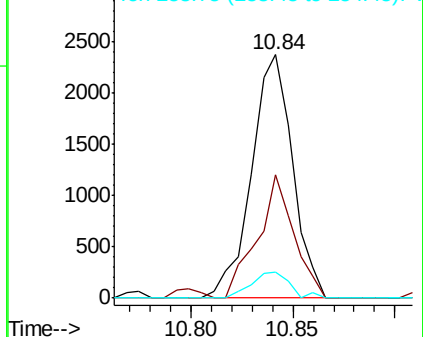
173 100

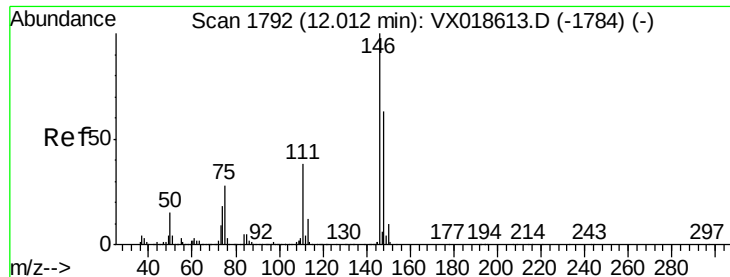
175 44.9 41.6 62.4

254 10.0 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V





#63

1,3-Dichlorobenzene

Concen: 0.441 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.563

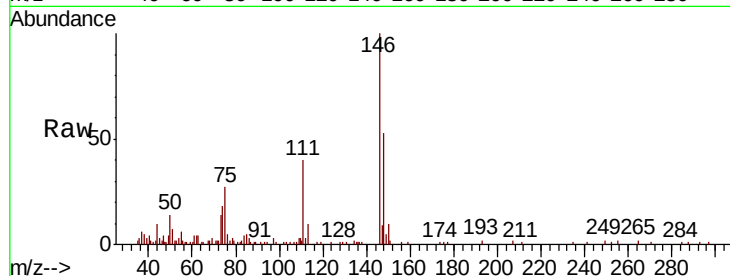
Tot Ion:146 Resp: 11282

Ion Ratio Lower Upper

146 100

111 39.7 26.7 49.7

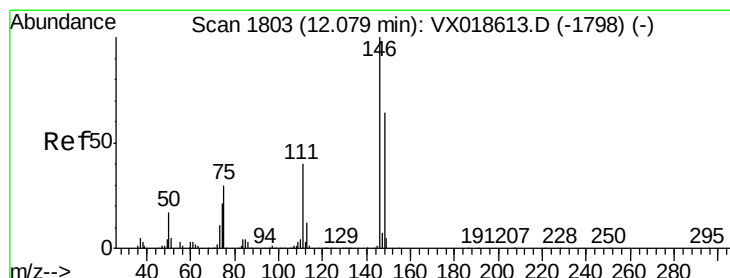
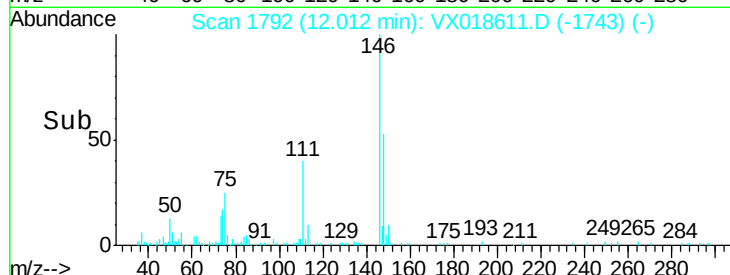
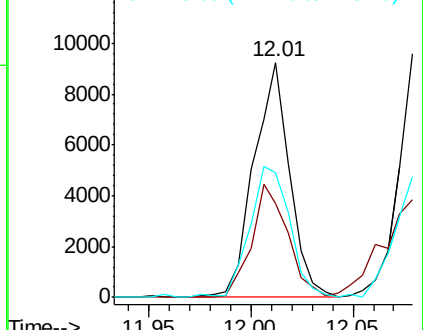
148 53.1 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 0.451 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

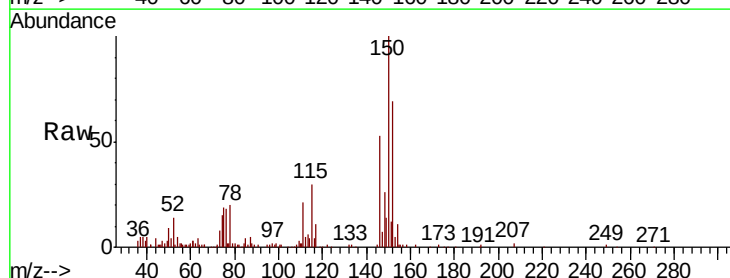
Tgt Ion:146 Resp: 11655

Ion Ratio Lower Upper

146 100

111 40.1 28.8 53.4

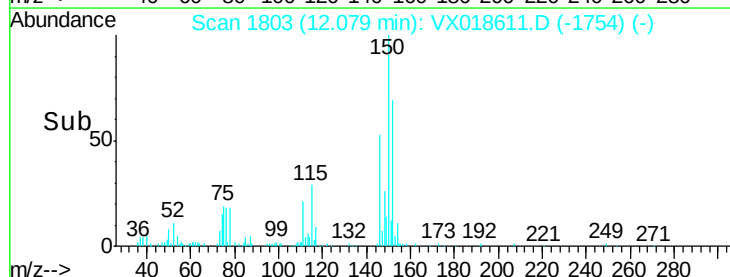
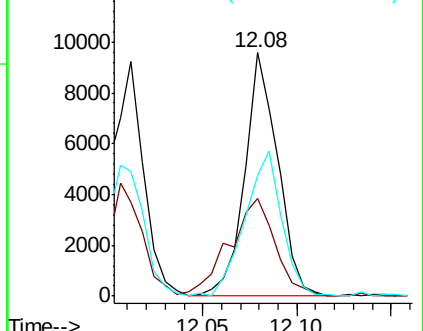
148 49.8 44.9 83.3

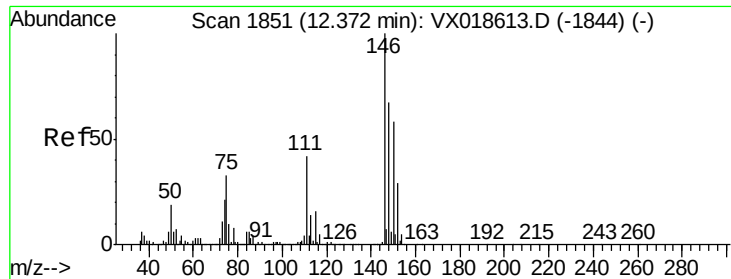


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66

1,2-Dichlorobenzene

Concen: 0.446 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTD0.563

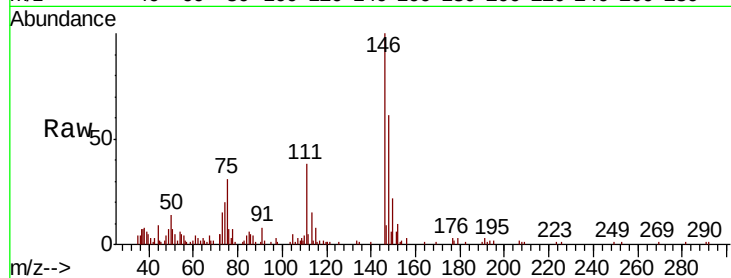
Tot Ion:146 Resp: 10639

Ion Ratio Lower Upper

146 100

111 38.5 33.6 50.4

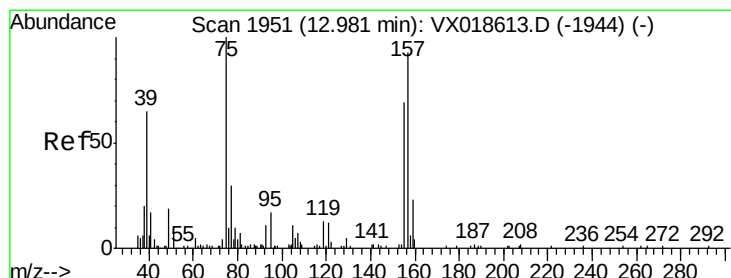
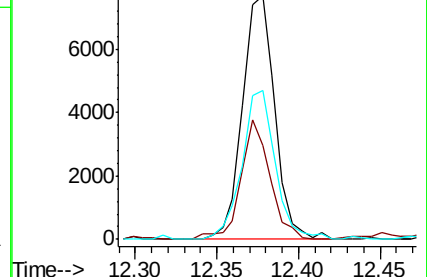
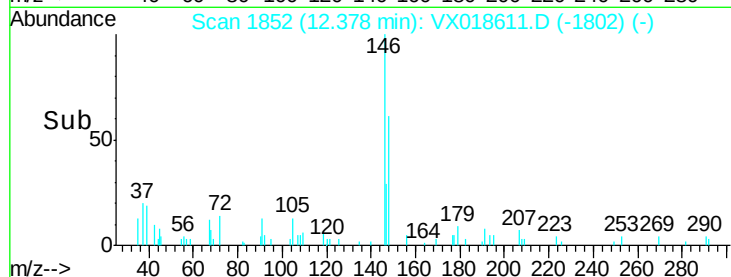
148 61.3 53.4 80.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,2-Dibromo-3-chloropropane

Concen: 0.442 ug/L

RT: 12.99 min Scan# 1952

Delta R.T. 0.01 min

Lab File: VX018611.D

Acq: 28 Sep 2020 10:52

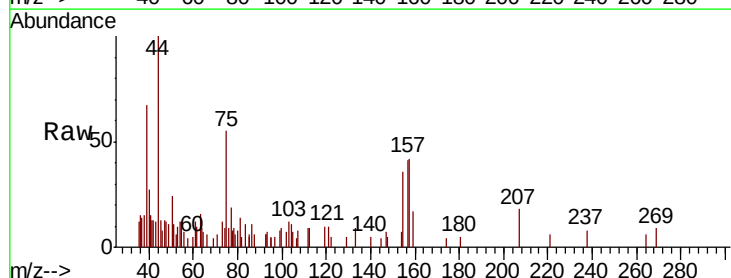
Tgt Ion: 75 Resp: 896

Ion Ratio Lower Upper

75 100

155 64.8 54.6 81.8

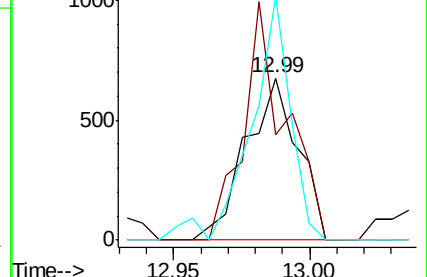
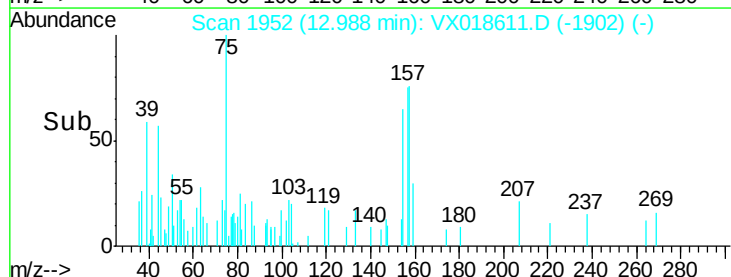
157 150.4 73.5 110.3#

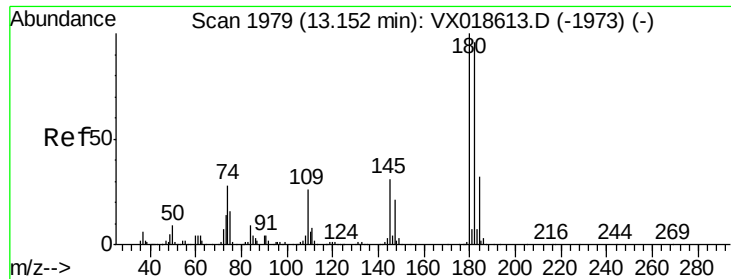


Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

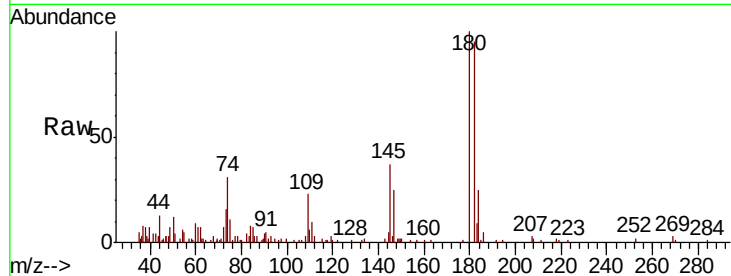




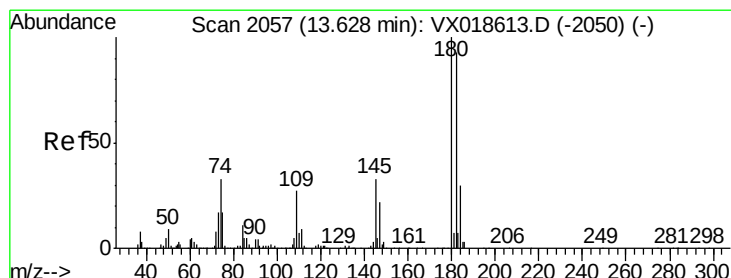
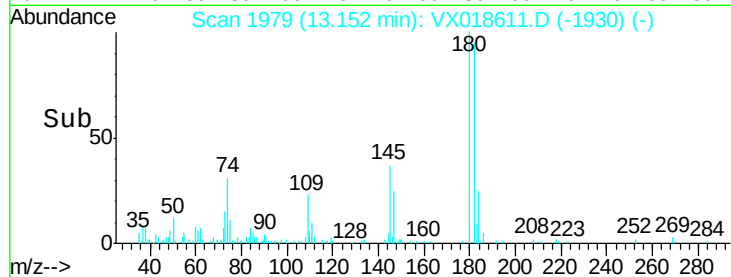
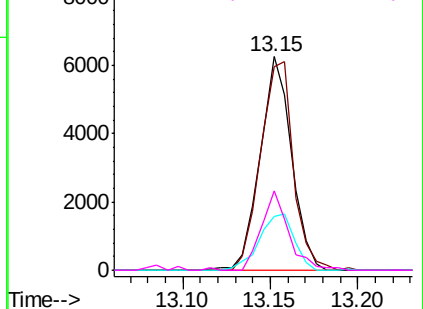
#68
 1,3,5-Trichlorobenzene
 Concen: 0.409 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018611.D
 Acq: 28 Sep 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.563

Tot Ion:180	Resp:	7861
Ion	Ratio	Lower Upper
180	100	
182	101.3	72.4 108.6
184	29.0	25.3 37.9
145	32.4	25.6 38.4

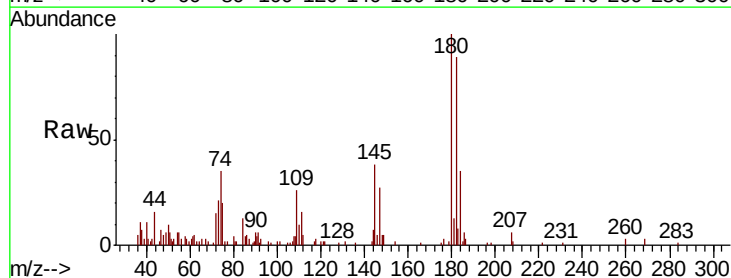


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

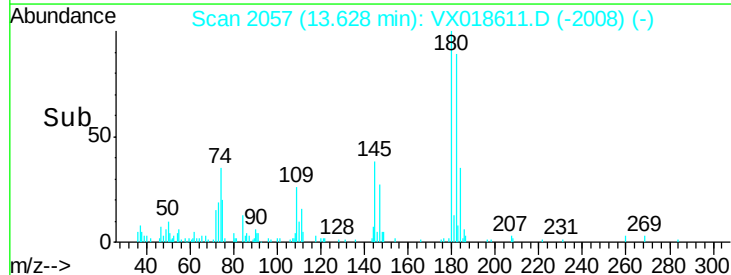
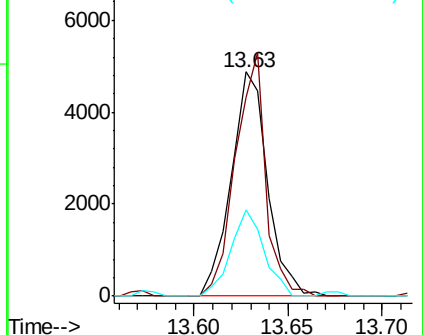


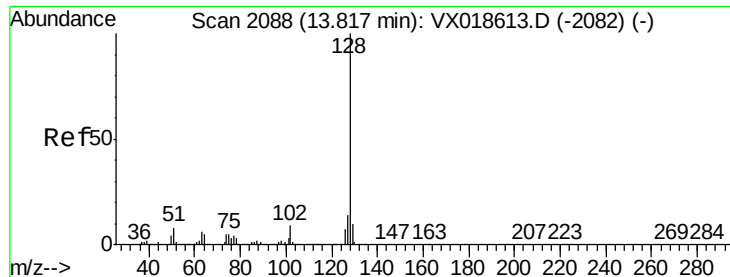
#69
 1,2,4-trichlorobenzene
 Concen: 0.413 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018611.D
 Acq: 28 Sep 2020 10:52

Tgt Ion:180	Resp:	6507
Ion	Ratio	Lower Upper
180	100	
182	90.0	74.6 112.0
145	35.0	25.0 37.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

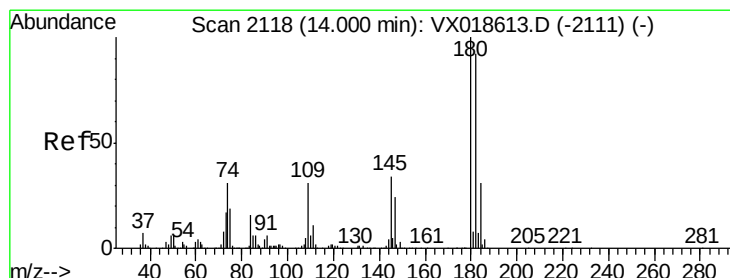
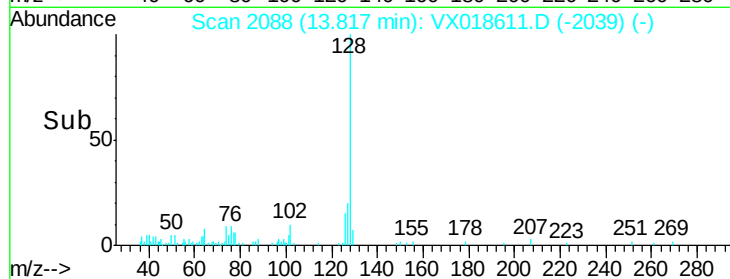
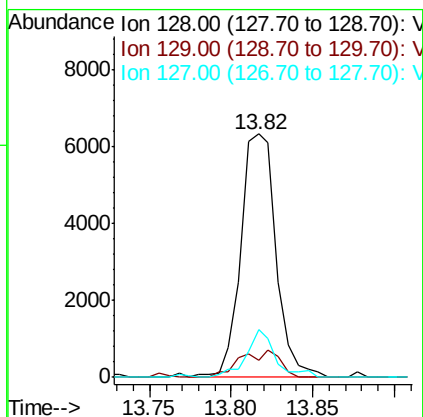
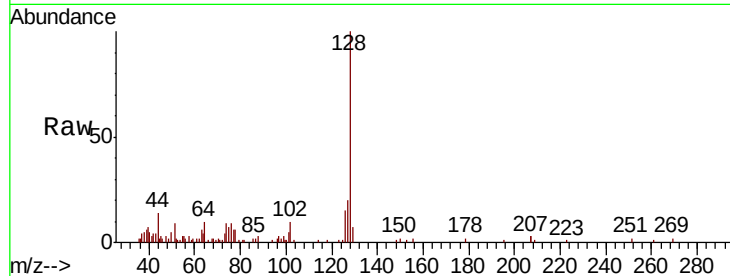




#70
Naphthalene
Concen: 0.358 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTD0.563

Tot Ion:128 Resp: 9533
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 16.0 10.7 16.1



#71
1,2,3-Trichlorobenzene
Concen: 0.388 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018611.D
Acq: 28 Sep 2020 10:52

Tgt Ion:180 Resp: 5525
Ion Ratio Lower Upper
180 100
182 96.4 77.7 116.5
145 38.4 28.6 42.8

