

Data File : VV014266.D
Acq On : 06 Jan 2020 12:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

Quant Time: Jan 07 01:22:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 07 01:19:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1051776	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	947390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	443042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293886	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	234612	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	454831	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.96	46	789308	44.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.30%
24) Chloroform-d	4.40	84	626656	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	299777	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.10	84	1268022	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	394133	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	1139158	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	171524	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.13	63	719113	43.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	277981	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	365712	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	364505	4.597 ug/L	98
3) Chloromethane	1.26	50	347971	4.415 ug/L	100
5) Vinyl chloride	1.32	62	330984	4.496 ug/L	99
6) Bromomethane	1.54	94	185214	4.435 ug/L	96
8) Chloroethane	1.60	64	177821	4.299 ug/L	99
9) Trichlorofluoromethane	1.77	101	401614	4.622 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	214925	4.566 ug/L	97
12) 1,1-Dichloroethene	2.14	96	208601	4.439 ug/L	96
13) Acetone	2.23	43	397266	32.632 ug/L	96
14) Carbon disulfide	2.32	76	933824	4.478 ug/L	99
15) Methyl Acetate	2.48	43	128924	4.549 ug/L	97
16) Methylene chloride	2.54	84	325498	4.255 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	760798	4.375 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	317664	4.497 ug/L	97
19) 1,1-Dichloroethane	3.23	63	610913	4.413 ug/L	99
21) 2-Butanone	4.05	43	779698	42.697 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	348833	4.505 ug/L	97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	131667	4.473	ug/L	90
25) Chloroform	4.43	83	590036	4.452	ug/L	99
27) 1,2-Dichloroethane	5.18	62	353659	4.460	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	524372	4.649	ug/L	99
30) Cyclohexane	4.72	56	600067	4.819	ug/L	99
31) Carbon tetrachloride	4.87	117	451497	4.675	ug/L	100
33) Benzene	5.14	78	1331383	4.563	ug/L	100
34) Trichloroethene	5.96	95	343059	4.575	ug/L	98
35) Methylcyclohexane	6.17	83	598685	4.884	ug/L	97
37) 1,2-Dichloropropane	6.22	63	330156	4.483	ug/L	99
38) Bromodichloromethane	6.55	83	426901	4.495	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	532611	4.467	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2051588	44.193	ug/L	99
42) Toluene	7.43	91	1394394	4.527	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	413781	4.519	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	215158	4.573	ug/L	98
47) Tetrachloroethene	8.02	164	235113	4.590	ug/L	96
48) 2-Hexanone	8.18	43	1417179	44.135	ug/L	98
49) Dibromochloromethane	8.29	129	266812	4.486	ug/L	98
50) 1,2-Dibromoethane	8.39	107	202191	4.438	ug/L	97
51) Chlorobenzene	8.92	112	863800	4.560	ug/L	98
52) Ethylbenzene	9.05	91	1586388	4.604	ug/L	100
53) m,p-xylene	9.18	106	586756	4.616	ug/L	100
54) o-xylene	9.58	106	569677	4.558	ug/L	97
55) Styrene	9.60	104	957303	4.521	ug/L	95
56) Isopropylbenzene	9.97	105	1534758	4.707	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	260710	4.494	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	197053	4.491	ug/L	100
61) Bromoform	9.77	173	133851	4.457	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	631095	4.556	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	624205	4.532	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	569283	4.551	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	47629	4.143	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	453972	4.507	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	389930	4.414	ug/L	99
69) Naphthalene	13.55	128	763080	4.251	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	344405	4.430	ug/L	98

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

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ClientSampleId :
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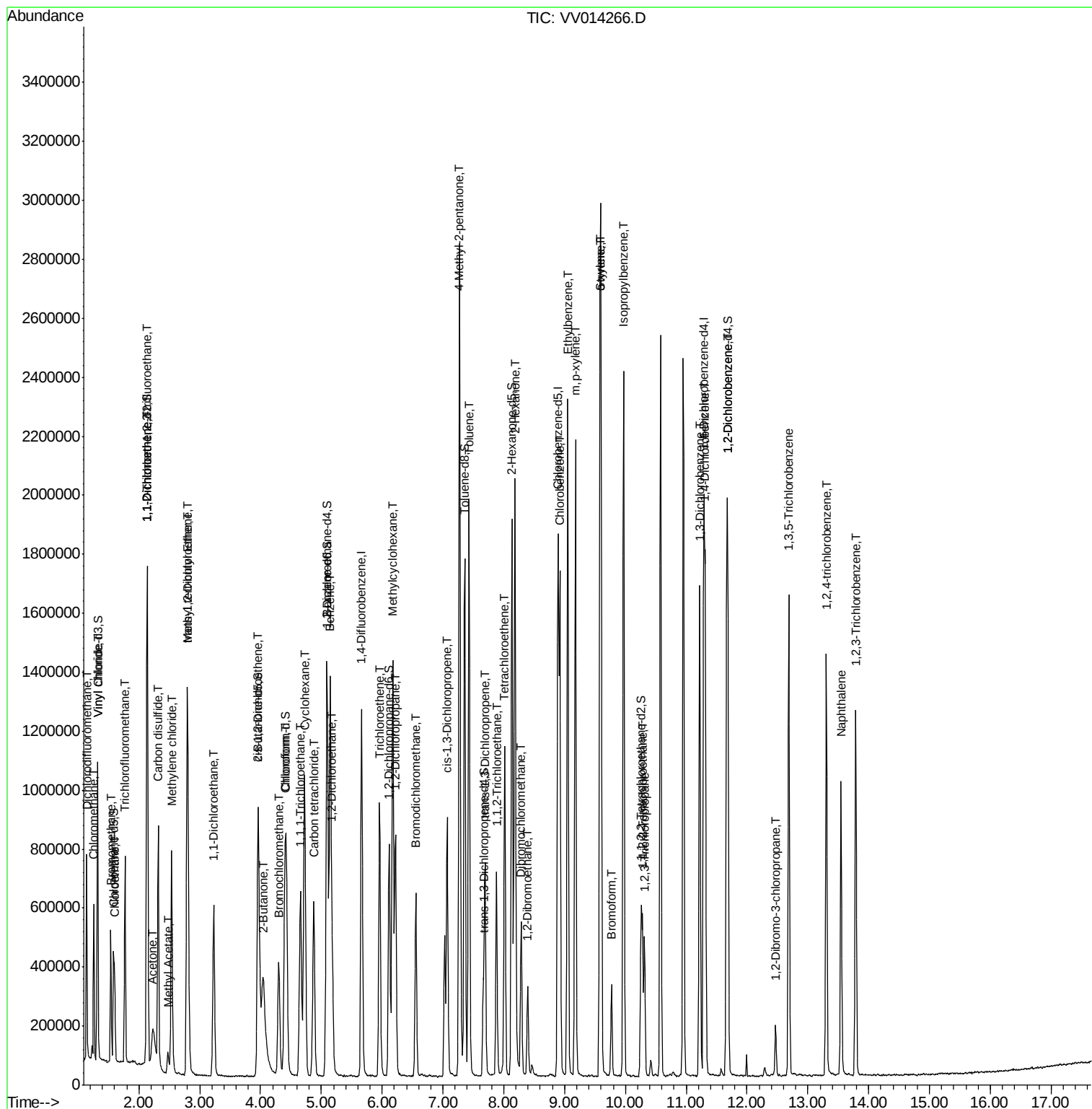
Quant Time: Jan 07 01:22:18 2020

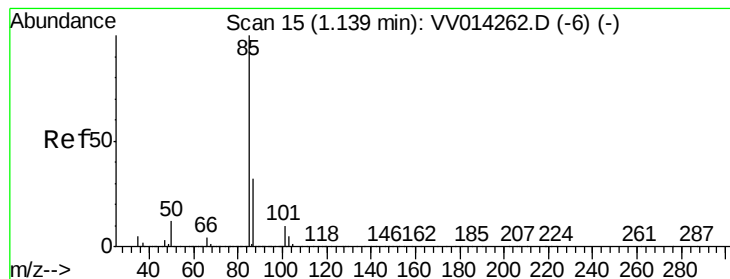
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR010220WMA.M

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#2

Dichlorodifluoromethane

Concen: 4.597 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

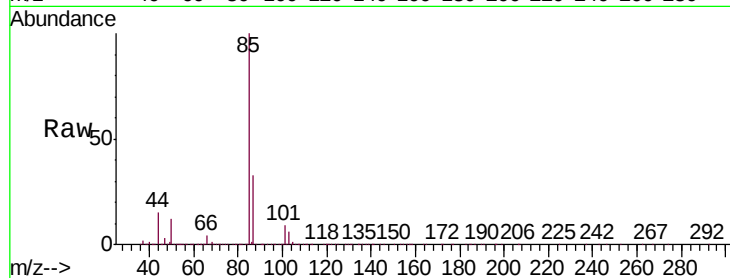
VSTD00551

Tgt Ion: 85 Resp: 364505

Ion Ratio Lower Upper

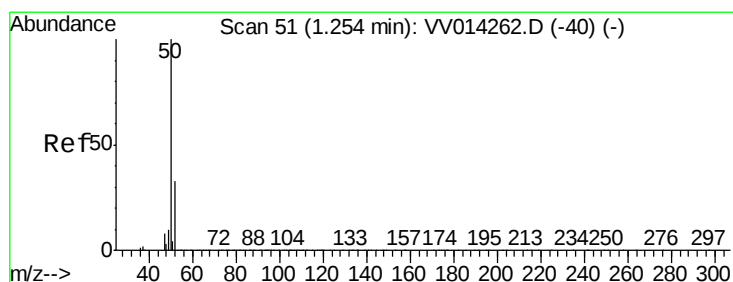
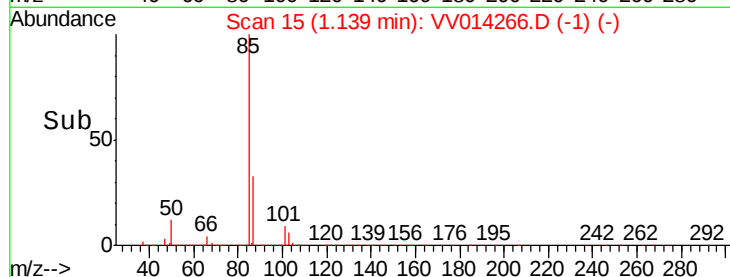
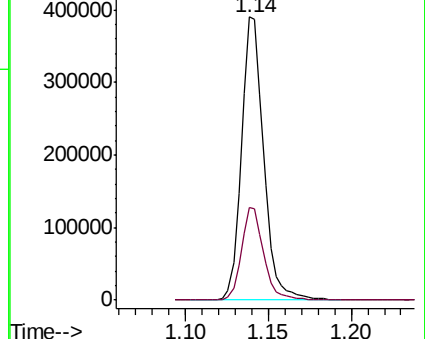
85 100

87 32.7 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 4.415 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014266.D

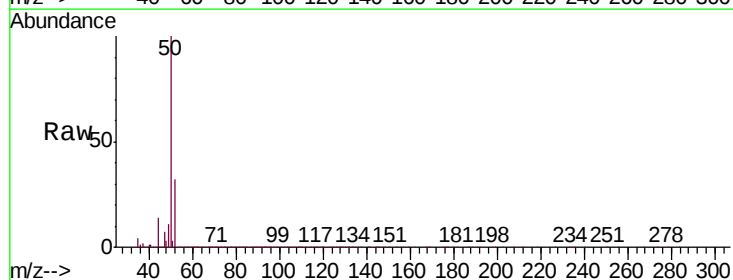
Acq: 06 Jan 2020 12:37

Tgt Ion: 50 Resp: 347971

Ion Ratio Lower Upper

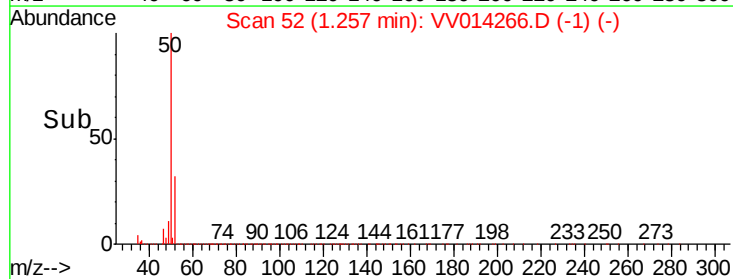
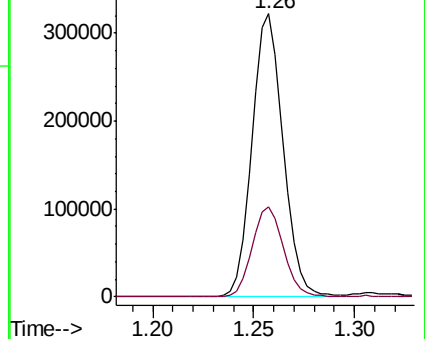
50 100

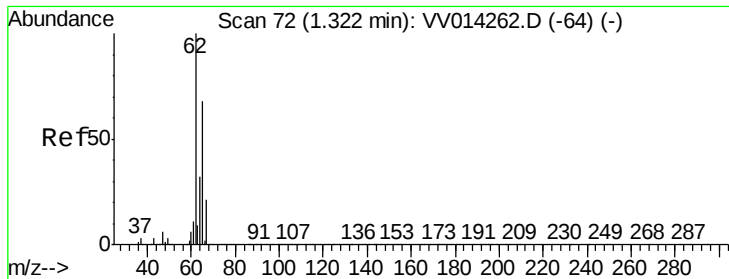
52 31.7 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 4.496 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

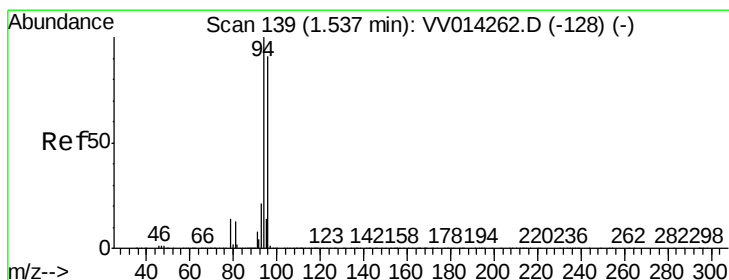
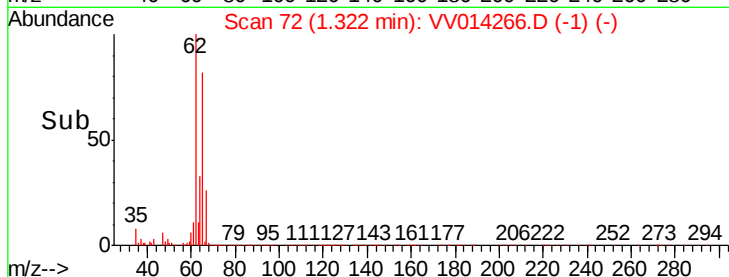
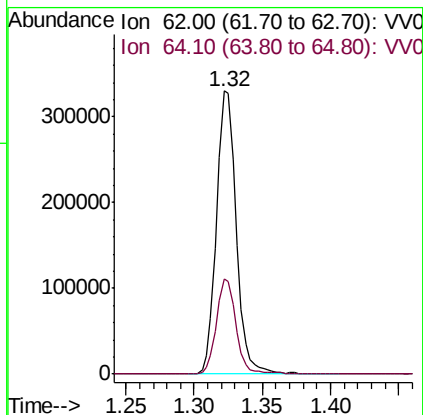
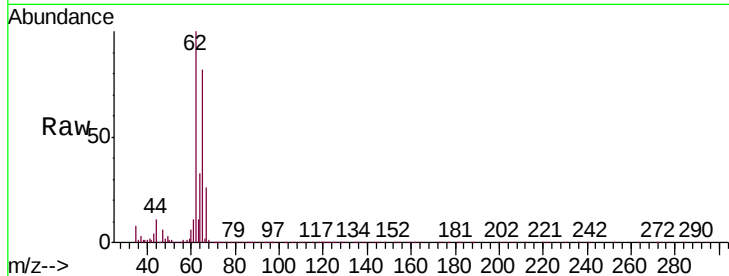
VSTD00551

Tgt Ion: 62 Resp: 330984

Ion Ratio Lower Upper

62 100

64 33.5 23.0 42.6



#6

Bromomethane

Concen: 4.435 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV014266.D

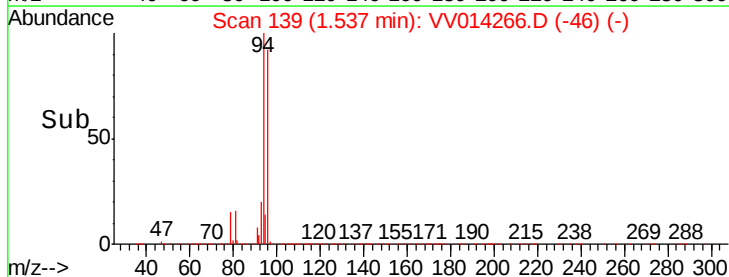
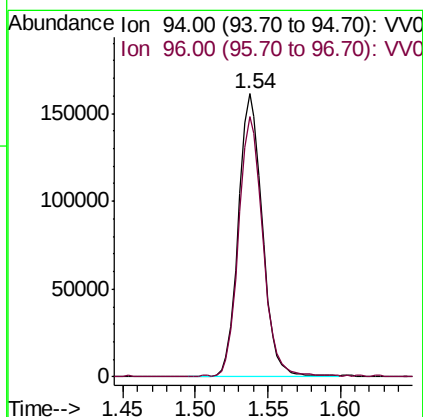
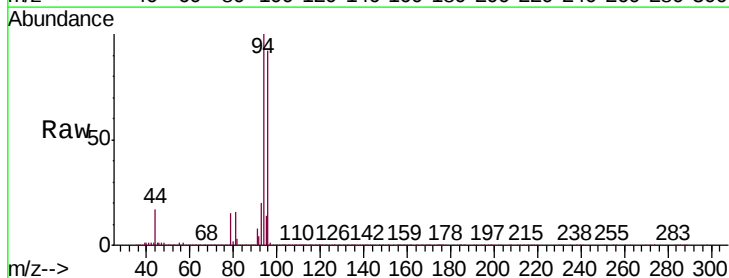
Acq: 06 Jan 2020 12:37

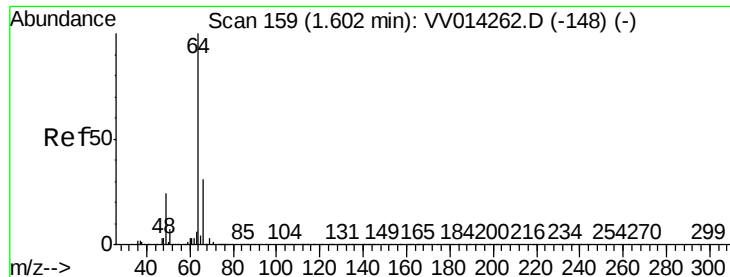
Tgt Ion: 94 Resp: 185214

Ion Ratio Lower Upper

94 100

96 92.1 66.9 124.3

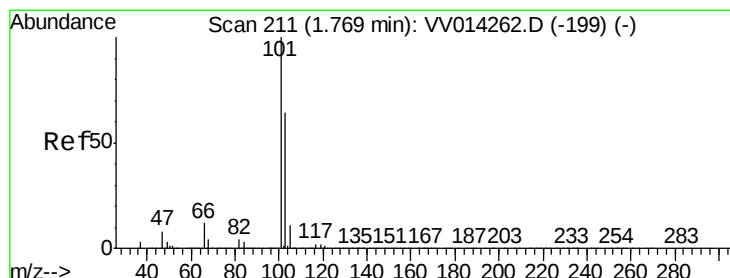
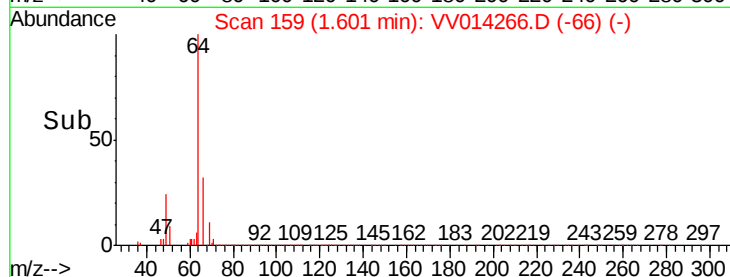
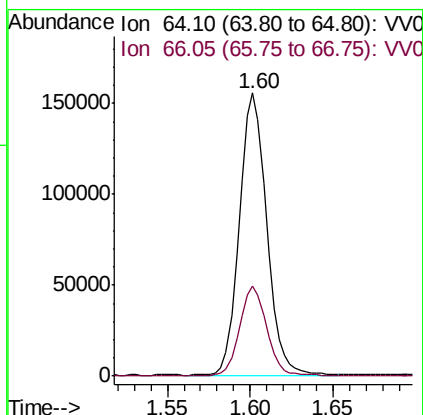
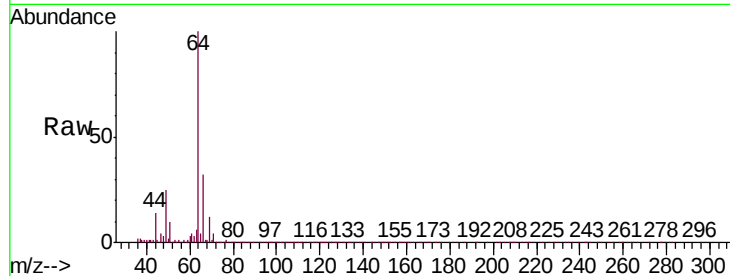




#8
Chloroethane
Concen: 4.299 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

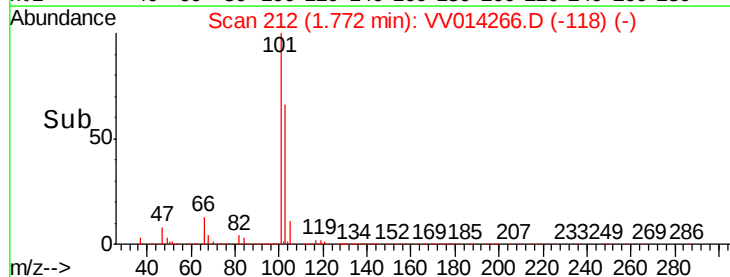
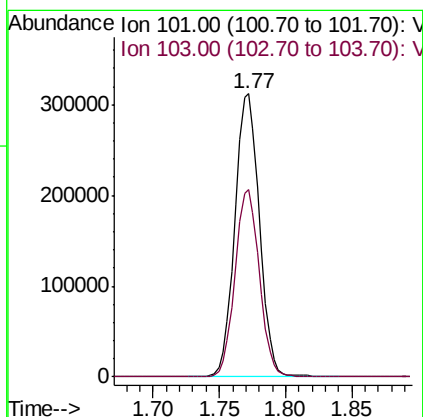
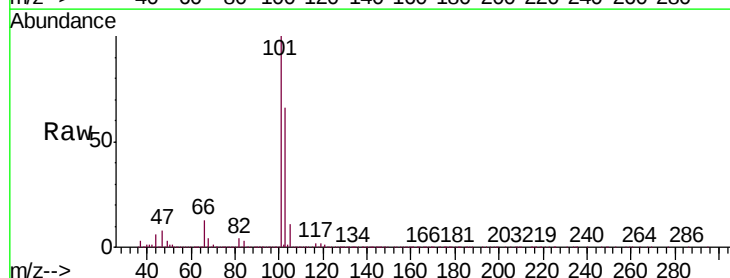
Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

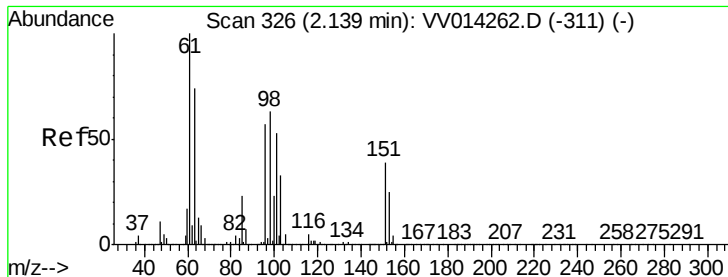
Tgt Ion: 64 Resp: 177821
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.622 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion: 101 Resp: 401614
Ion Ratio Lower Upper
101 100
103 65.5 52.6 78.8





#10

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

Concen: 4.566 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD00551

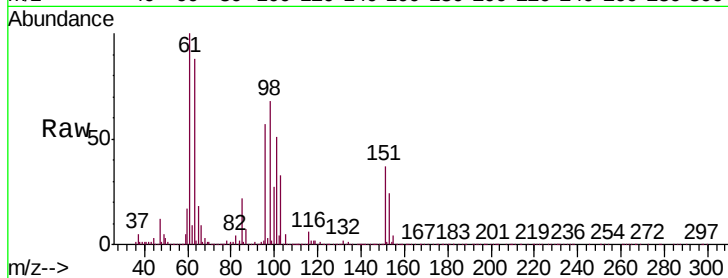
Tgt Ion: 101 Resp: 214925

Ion Ratio Lower Upper

101 100

85 42.7 34.9 52.3

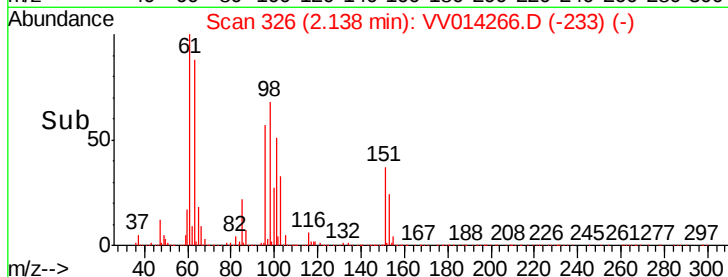
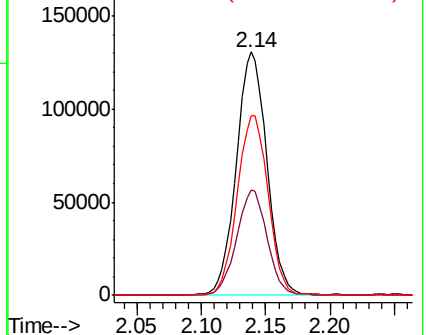
151 75.2 62.5 93.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.439 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

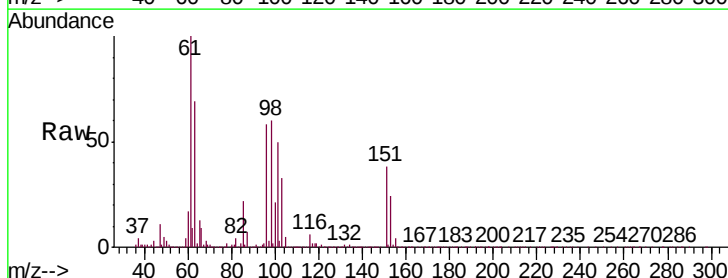
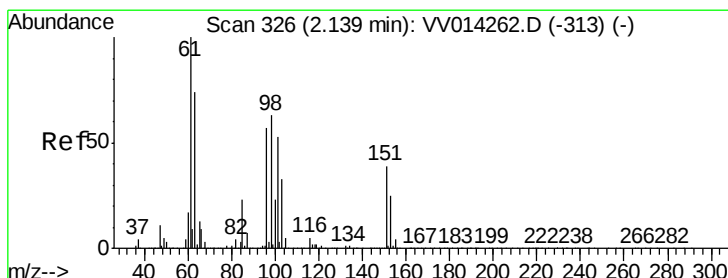
Tgt Ion: 96 Resp: 208601

Ion Ratio Lower Upper

96 100

61 171.8 121.5 225.7

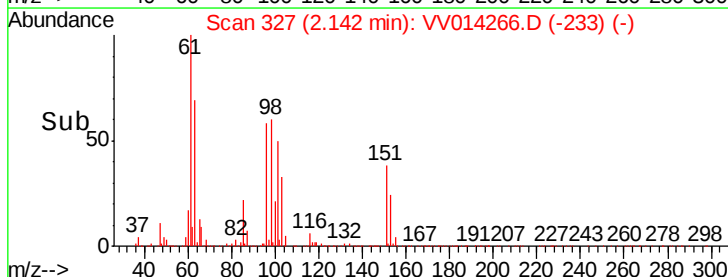
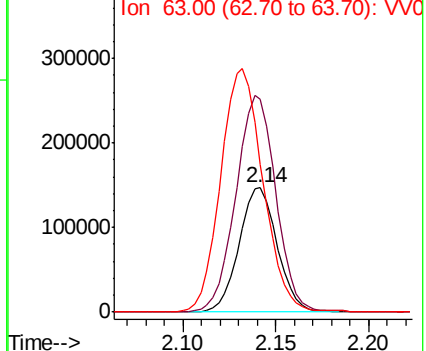
63 119.2 90.3 167.7

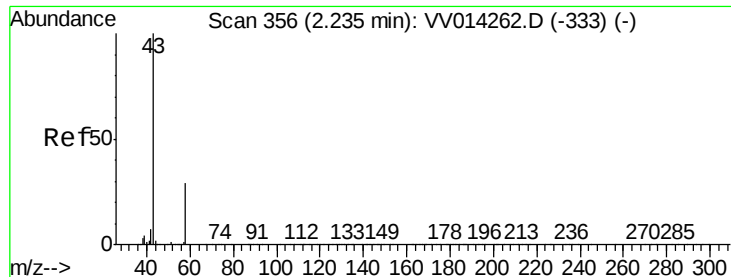


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 32.632 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

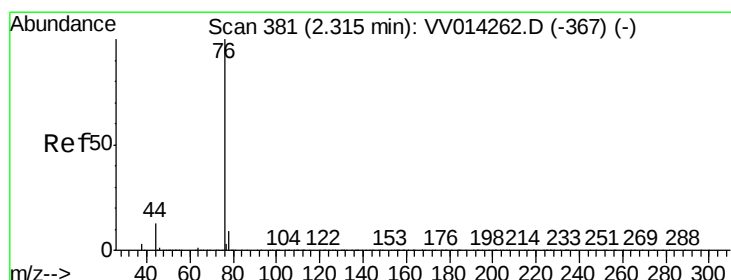
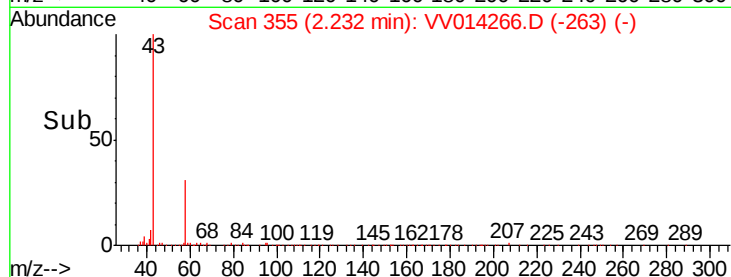
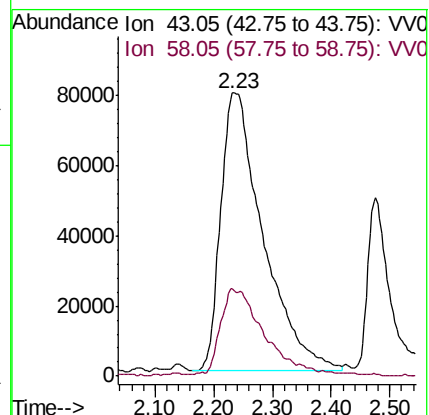
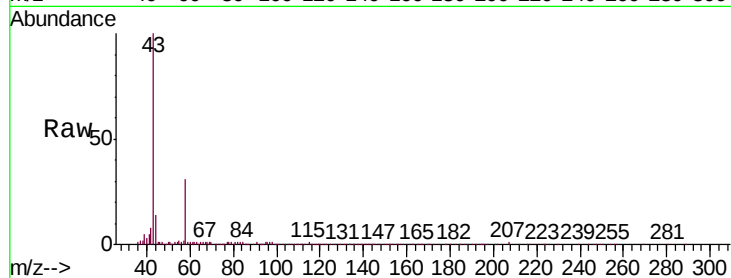
VSTD00551

Tgt Ion: 43 Resp: 397266

Ion Ratio Lower Upper

43 100

58 30.8 0.0 66.0



#14

Carbon disulfide

Concen: 4.478 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014266.D

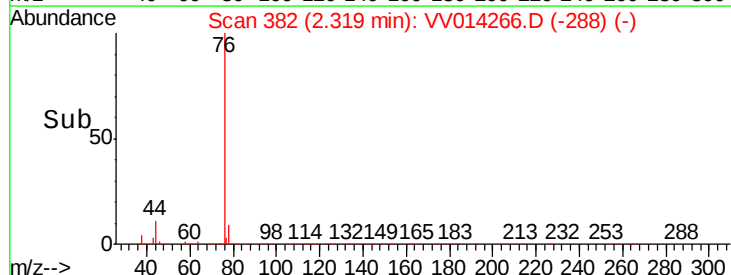
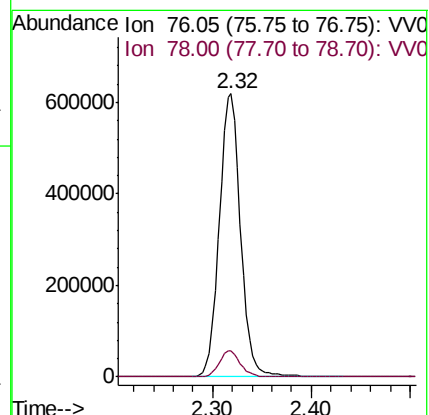
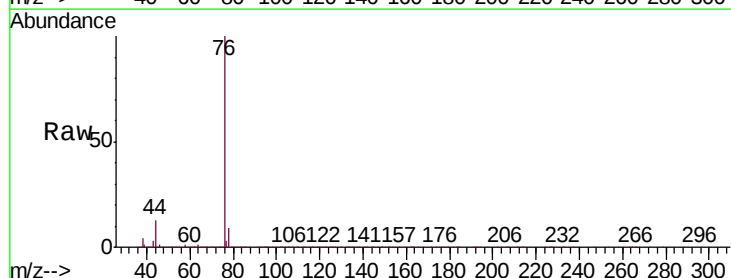
Acq: 06 Jan 2020 12:37

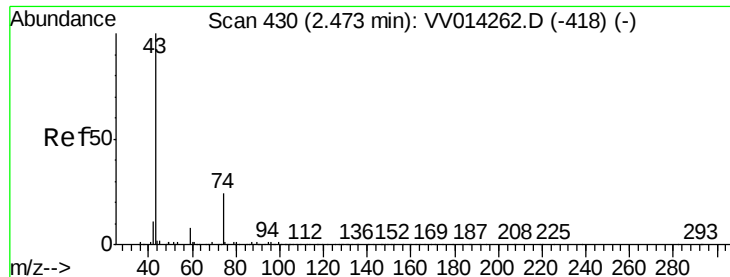
Tgt Ion: 76 Resp: 933824

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

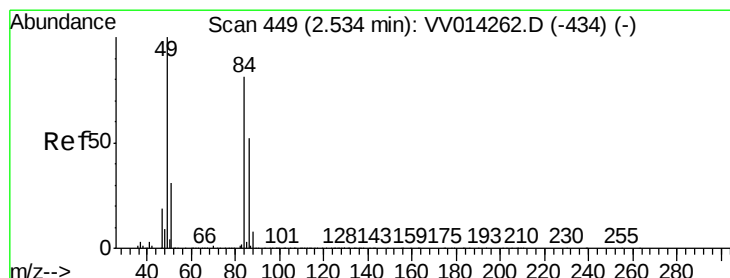
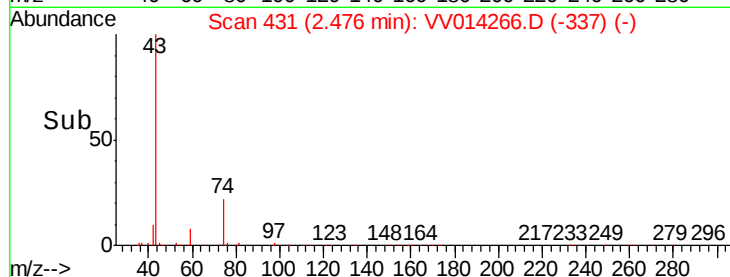
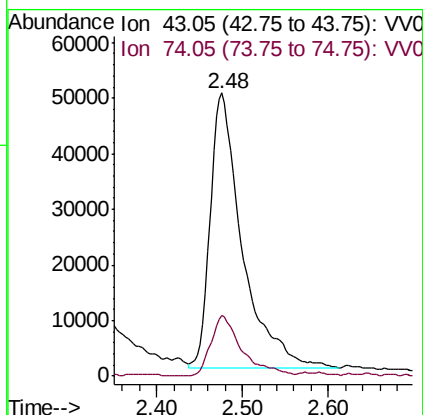
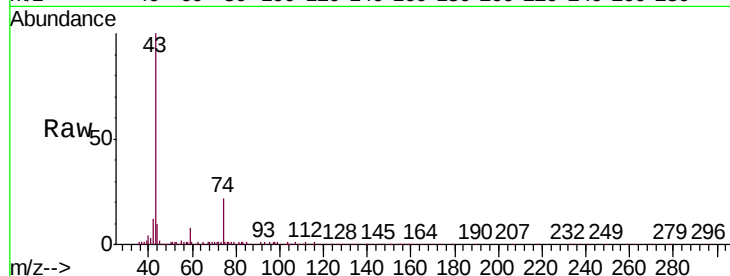




#15
Methyl Acetate
Concen: 4.549 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

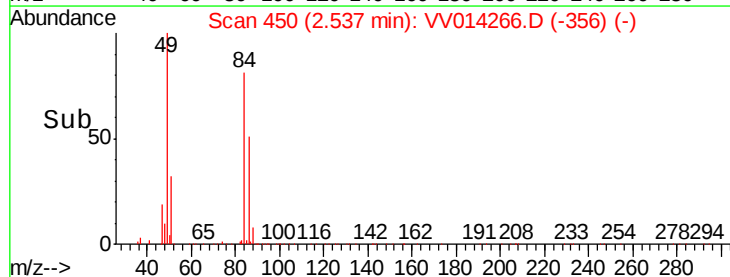
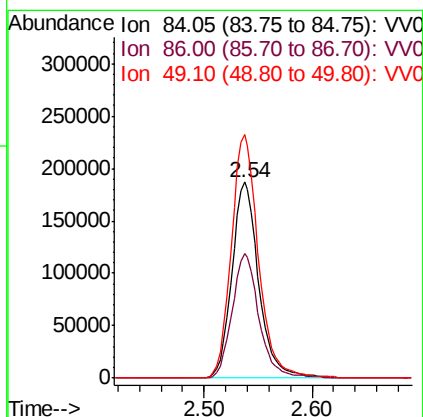
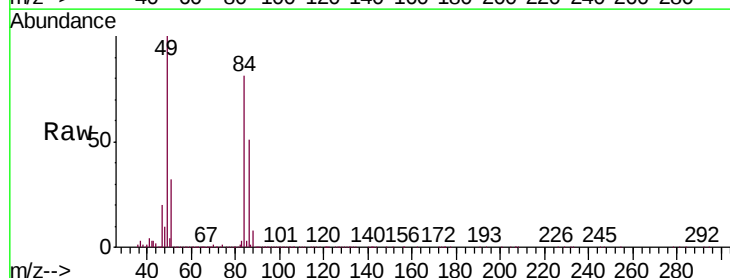
Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

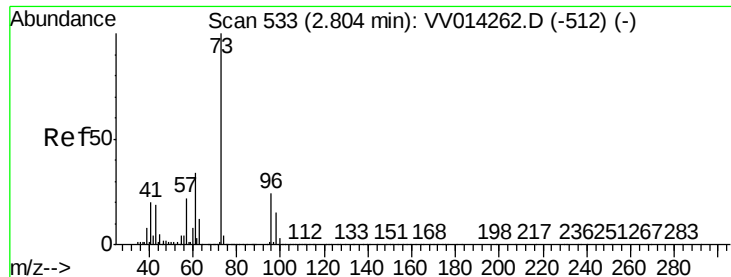
Tgt Ion: 43 Resp: 128924
Ion Ratio Lower Upper
43 100
74 21.6 18.6 28.0



#16
Methylene chloride
Concen: 4.255 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion: 84 Resp: 325498
Ion Ratio Lower Upper
84 100
86 63.8 43.1 80.1
49 124.1 82.1 152.5



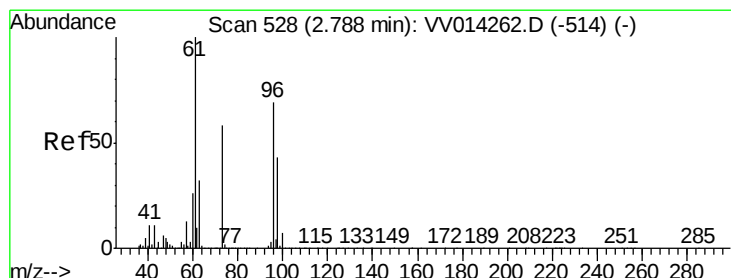
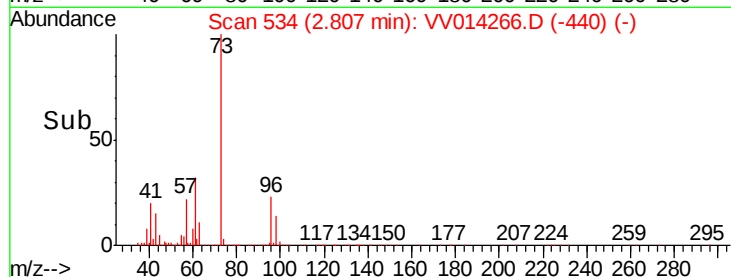
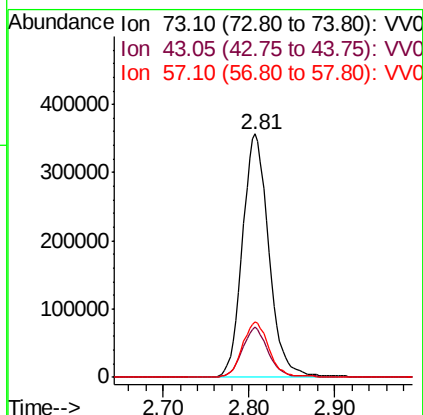
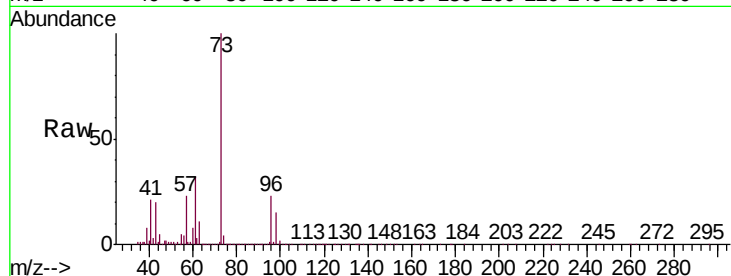


#17

Methyl tert-butyl Ether
Concen: 4.375 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

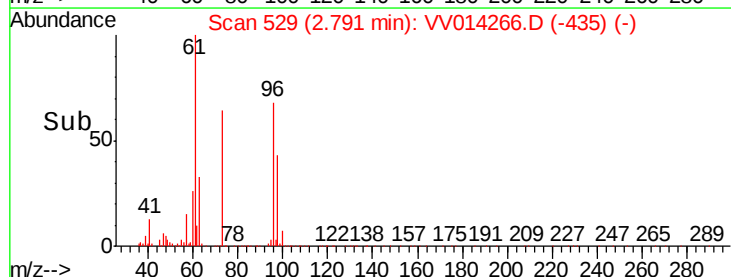
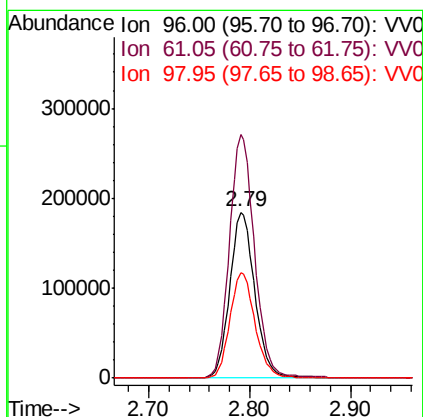
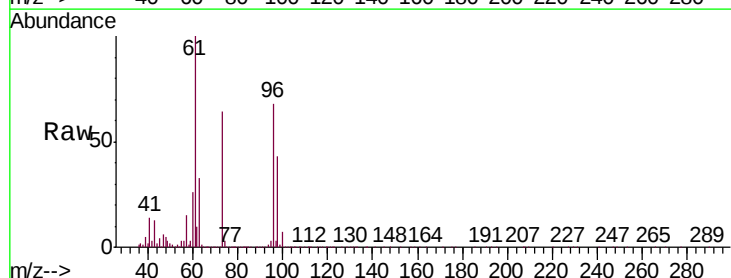
Tgt Ion:	73	Resp:	760798
Ion	Ratio	Lower	Upper
73	100		
43	19.5	14.7	22.1
57	22.6	17.9	26.9

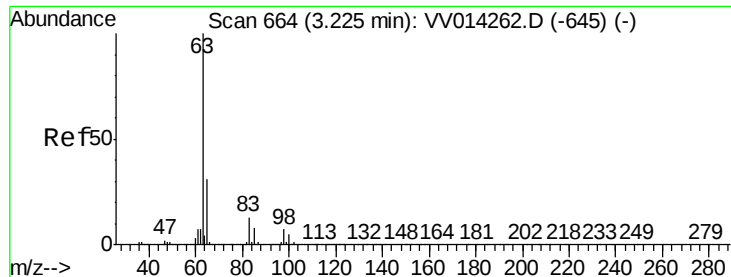


#18

trans-1,2-Dichloroethene
Concen: 4.497 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion:	96	Resp:	317664
Ion	Ratio	Lower	Upper
96	100		
61	146.6	99.2	184.2
98	63.2	43.1	80.1





#19

1,1-Dichloroethane

Concen: 4.413 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

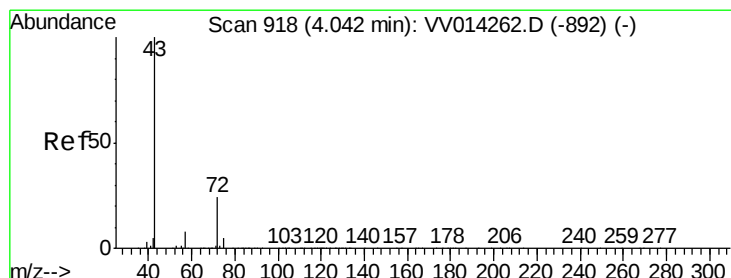
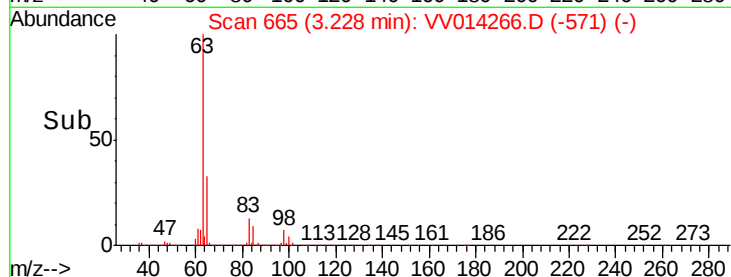
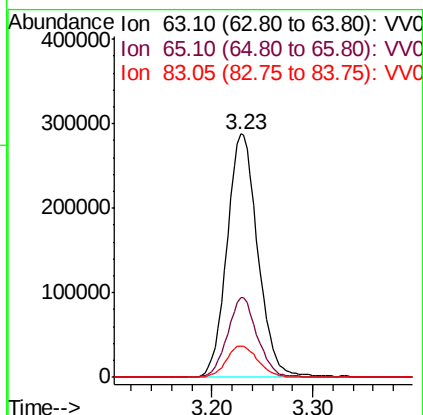
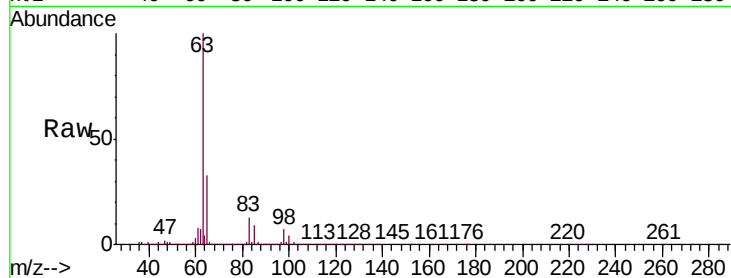
Instrument :

MSVOA_V

ClientSampleId :

VSTD00551

Tgt Ion:	63	Resp:	610913
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.3
83	12.9	10.0	18.6



#21

2-Butanone

Concen: 42.697 ug/L

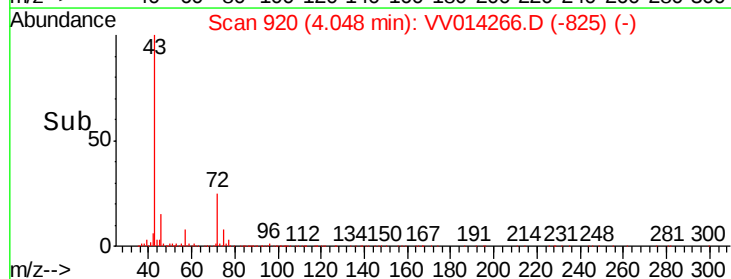
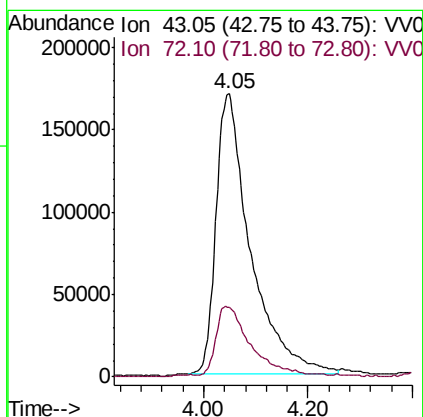
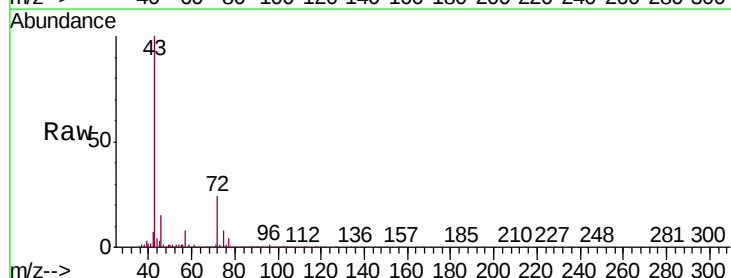
RT: 4.05 min Scan# 920

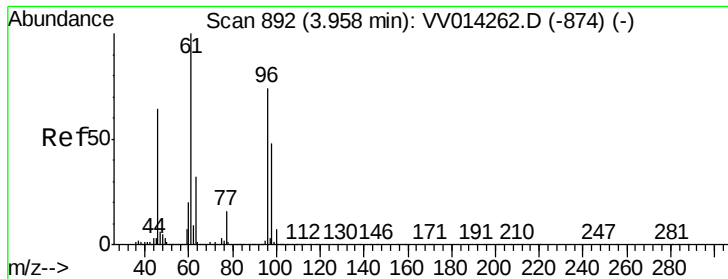
Delta R.T. 0.01 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Tgt Ion:	43	Resp:	779698
Ion	Ratio	Lower	Upper
43	100		
72	23.8	12.4	37.2



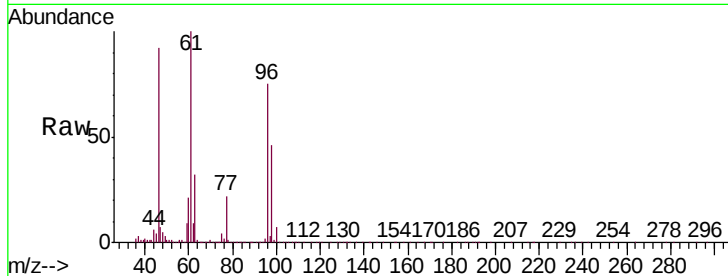


#22

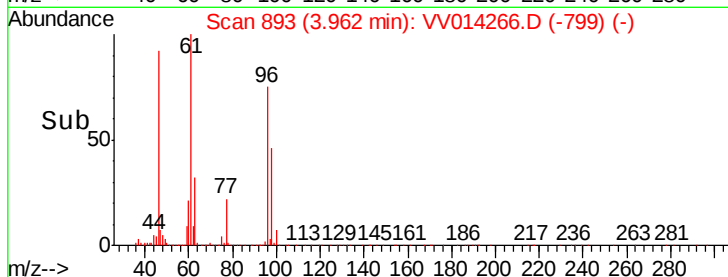
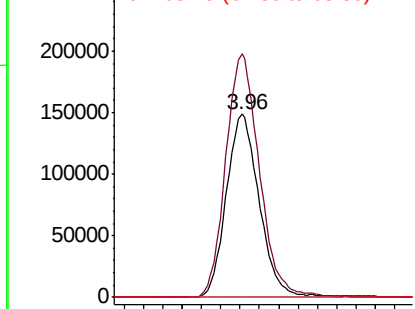
cis-1,2-Dichloroethene
 Concen: 4.505 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00551

Tgt Ion: 96 Resp: 348833
 Ion Ratio Lower Upper
 96 100
 61 132.9 90.6 168.3
 68 0.5 0.3 0.7



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

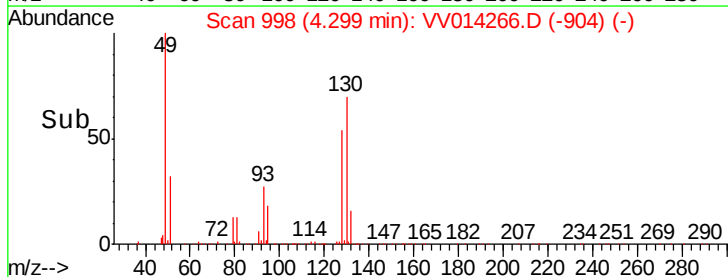
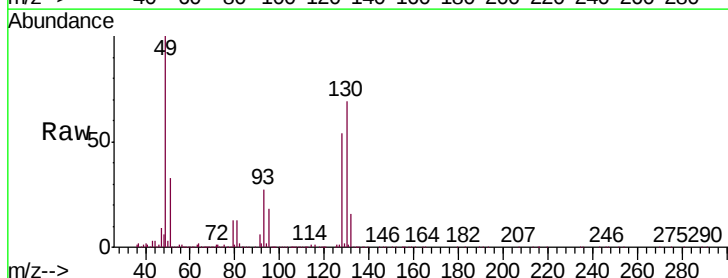
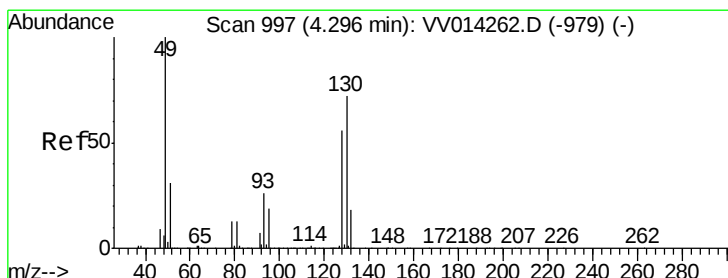
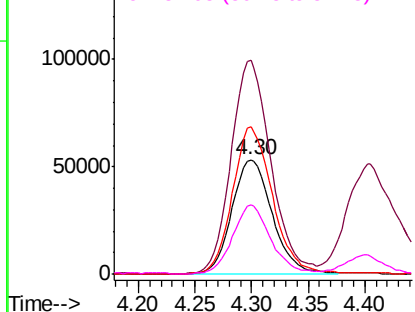


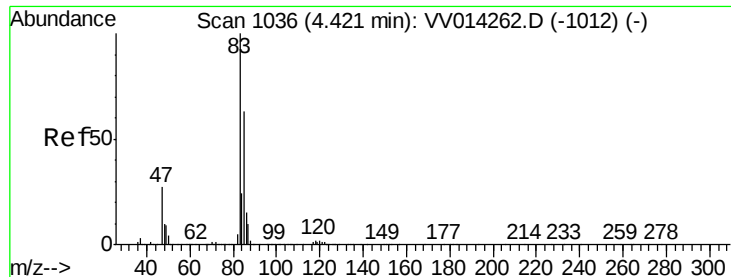
#23

Bromochloromethane
 Concen: 4.473 ug/L
 RT: 4.30 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Tgt Ion: 128 Resp: 131667
 Ion Ratio Lower Upper
 128 100
 49 186.9 117.5 218.1
 130 128.8 93.7 173.9
 51 60.9 42.0 63.0

Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VV0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VV0

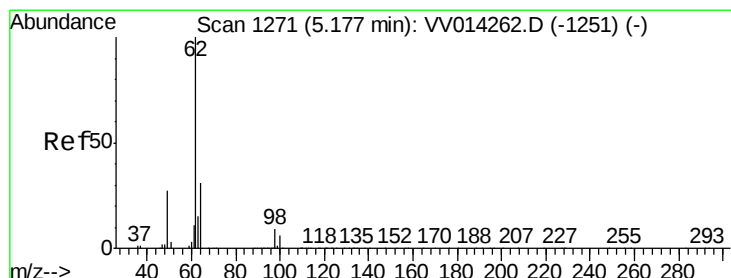
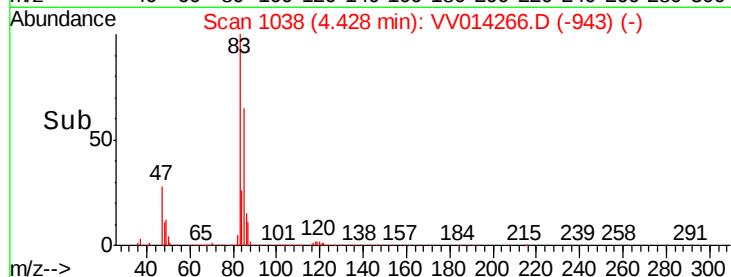
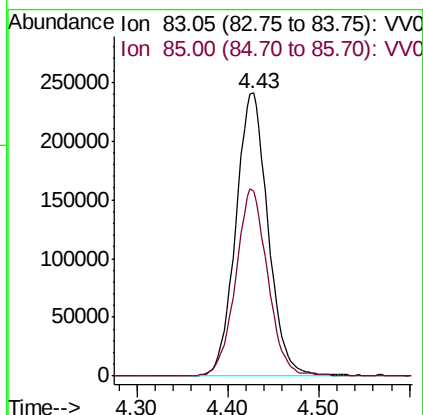
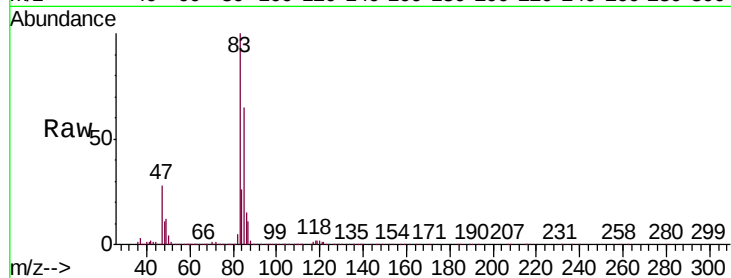




#25
Chloroform
Concen: 4.452 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

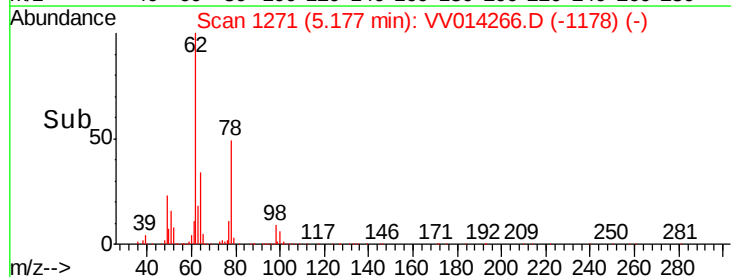
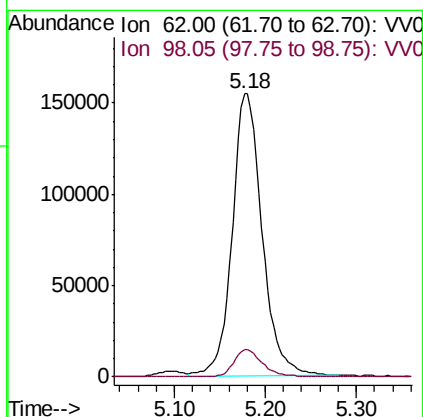
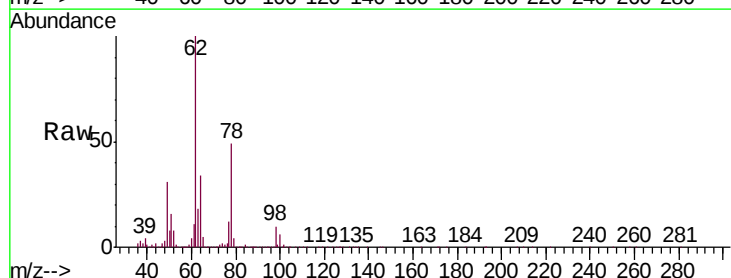
Instrument :
MSVOA_V
ClientSampled :
VSTD00551

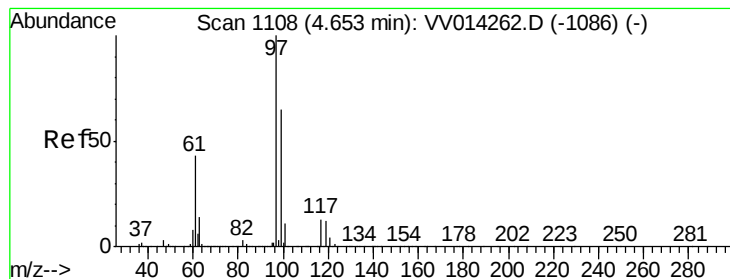
Tgt Ion: 83 Resp: 590036
Ion Ratio Lower Upper
83 100
85 65.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 4.460 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion: 62 Resp: 353659
Ion Ratio Lower Upper
62 100
98 9.5 9.2 13.8





#29

1,1,1-Trichloroethane

Concen: 4.649 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD00551

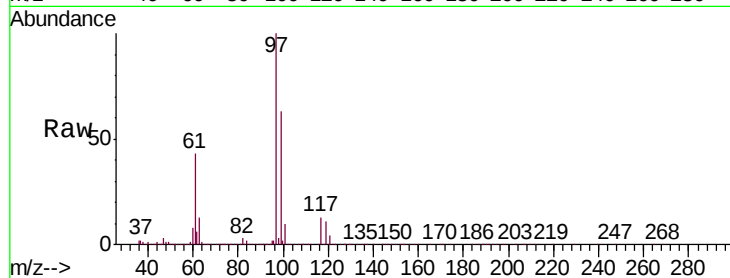
Tgt Ion: 97 Resp: 524372

Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

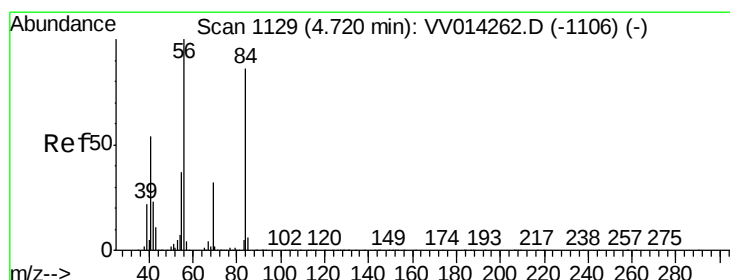
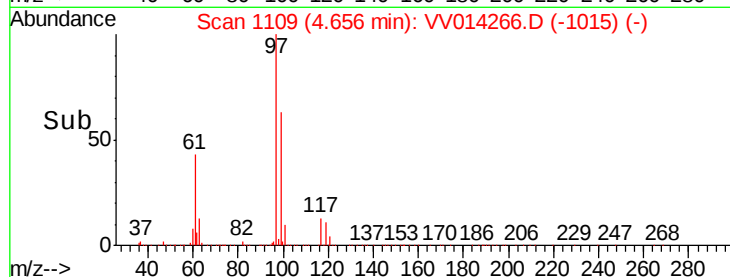
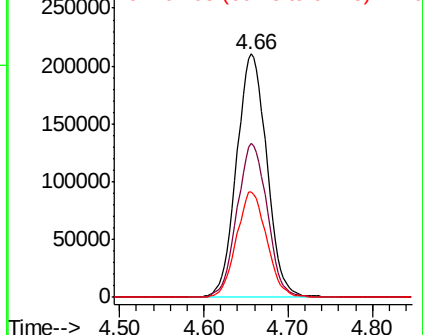
61 43.3 33.9 50.9



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 4.819 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

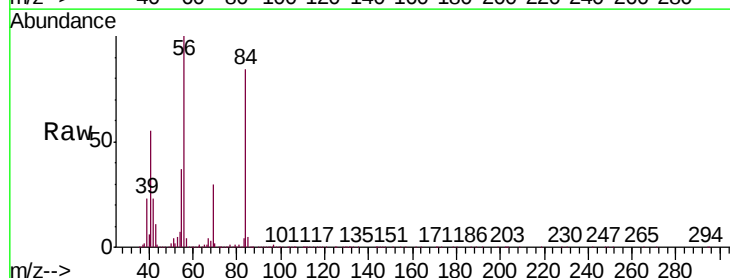
Tgt Ion: 56 Resp: 600067

Ion Ratio Lower Upper

56 100

69 30.8 23.9 35.9

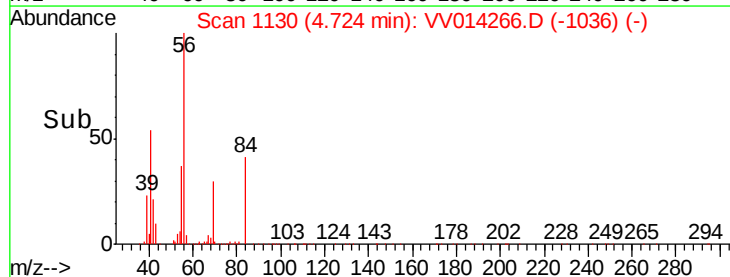
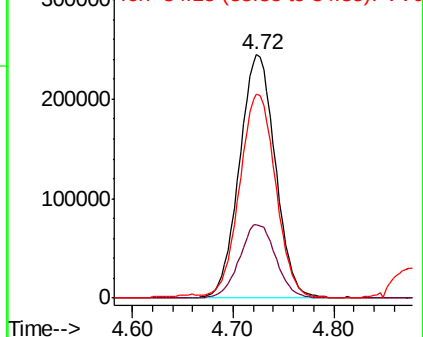
84 85.0 68.9 103.3

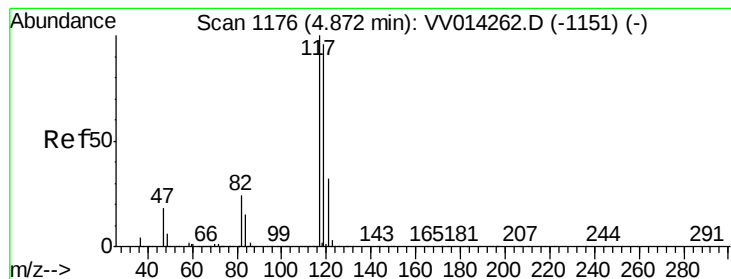


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 4.675 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

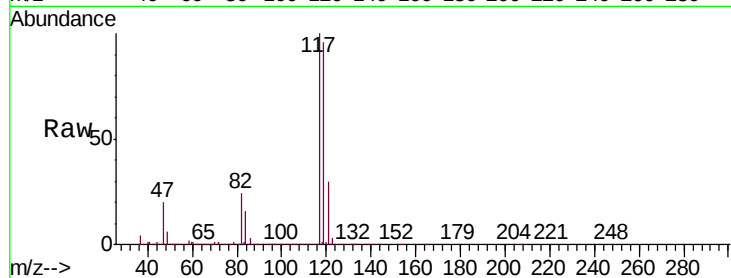
VSTD00551

Tgt Ion:117 Resp: 451497

Ion Ratio Lower Upper

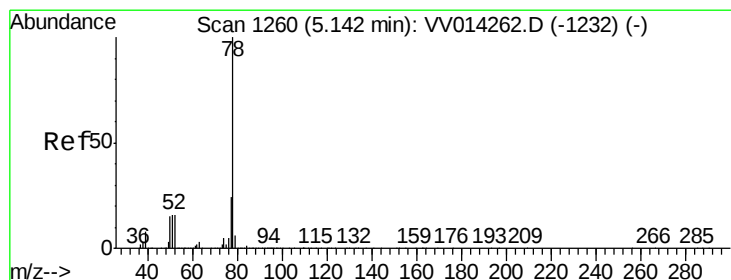
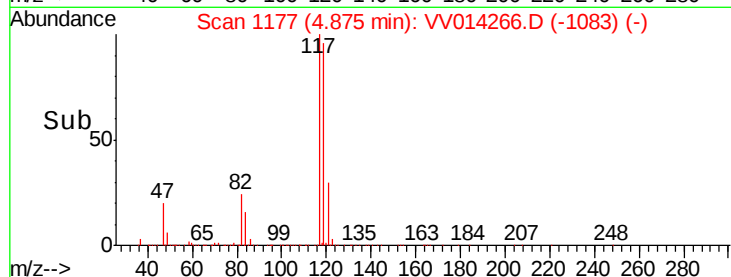
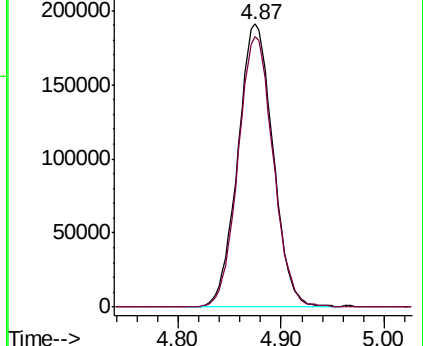
117 100

119 95.8 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.563 ug/L

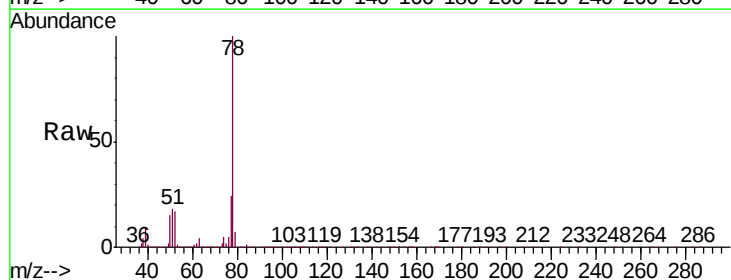
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

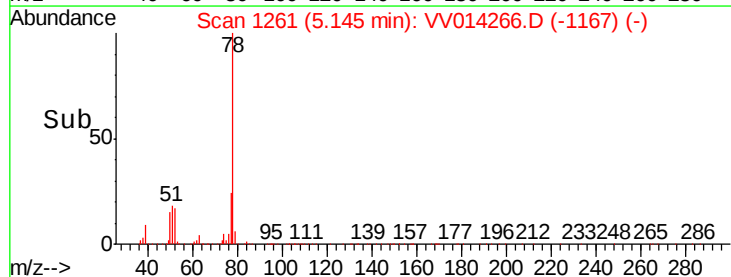
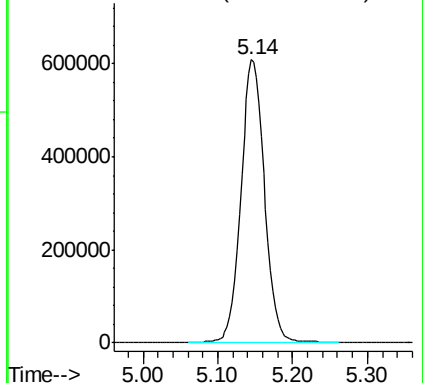
Lab File: VV014266.D

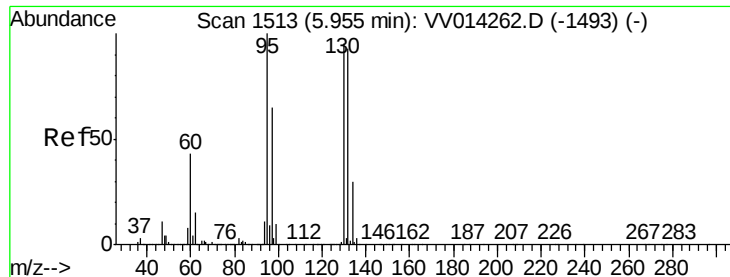
Acq: 06 Jan 2020 12:37

Tgt Ion: 78 Resp: 1331383



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.575 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD00551

Tgt Ion: 95 Resp: 343059

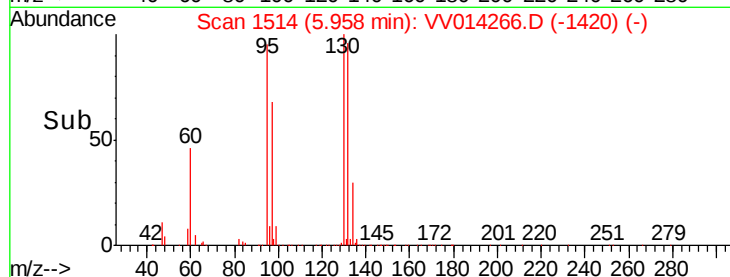
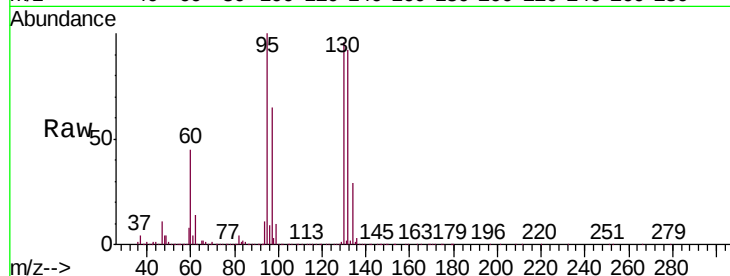
Ion Ratio Lower Upper

95 100

97 64.9 43.8 81.3

132 91.7 63.4 117.8

130 95.7 65.7 122.1

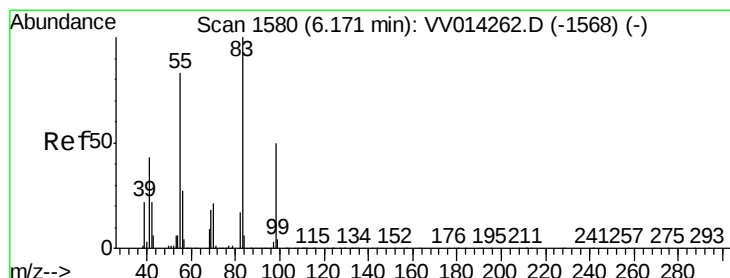
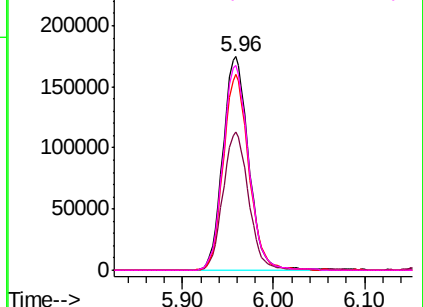


Abundance Ion 95.00 (94.70 to 95.70): VV014266.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV014266.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV014266.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV014266.D (-1420) (-)



#35

Methylcyclohexane

Concen: 4.884 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

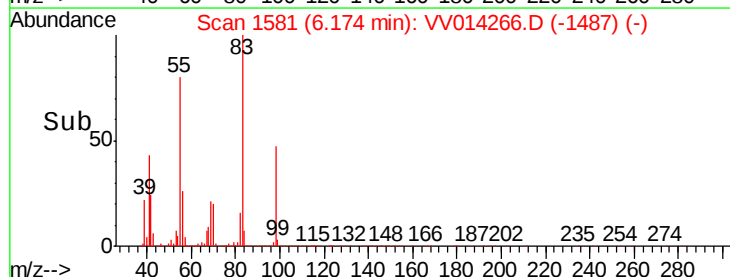
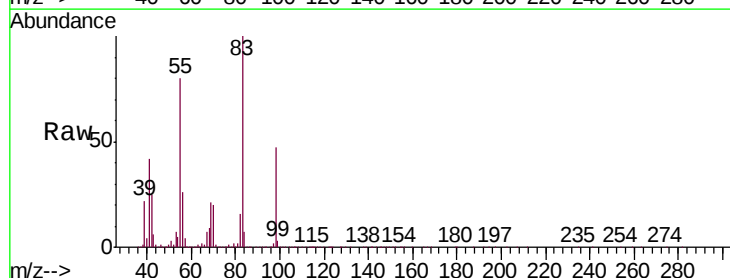
Tgt Ion: 83 Resp: 598685

Ion Ratio Lower Upper

83 100

55 80.6 61.7 92.5

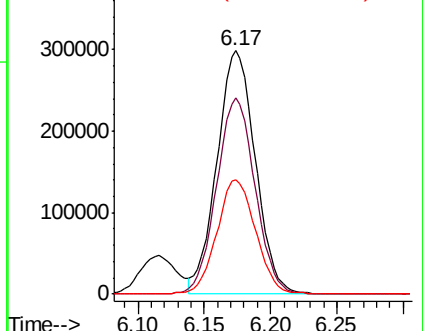
98 47.4 38.1 57.1

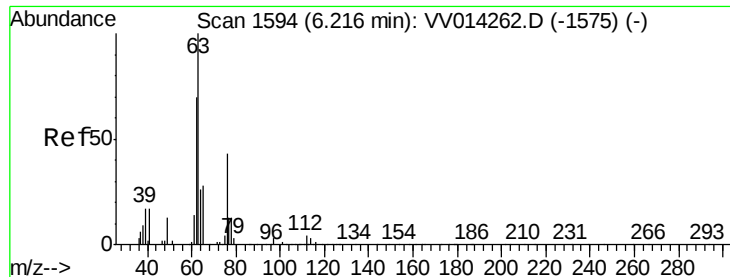


Abundance Ion 83.15 (82.85 to 83.85): VV014266.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV014266.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV014266.D (-1487) (-)





#37

1,2-Dichloropropane

Concen: 4.483 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

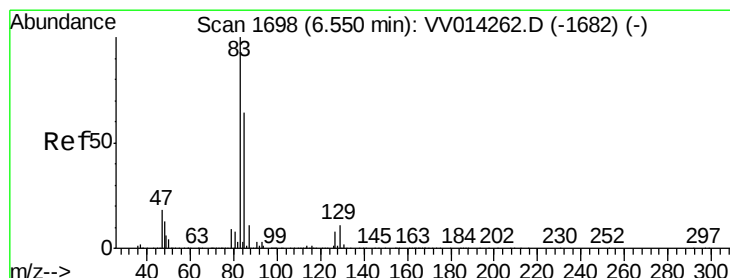
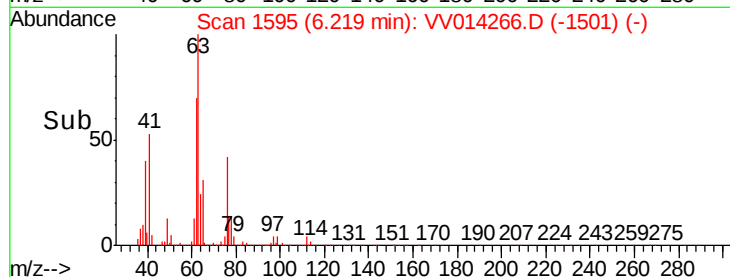
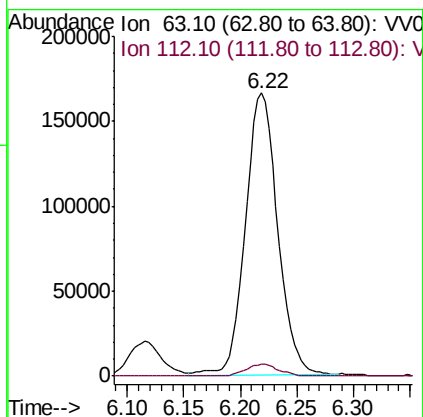
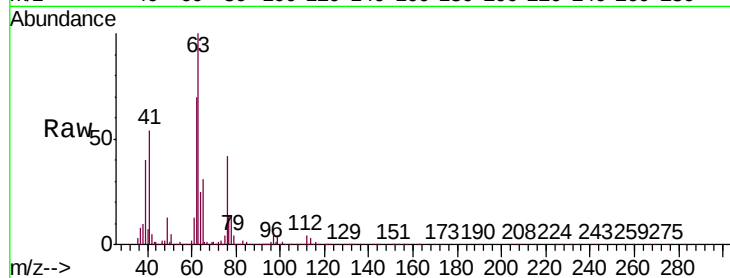
VSTD00551

Tgt Ion: 63 Resp: 330156

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 4.495 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

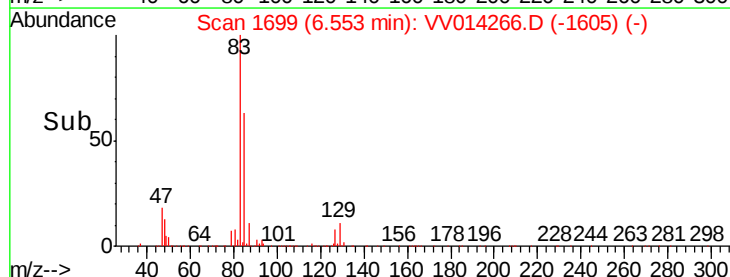
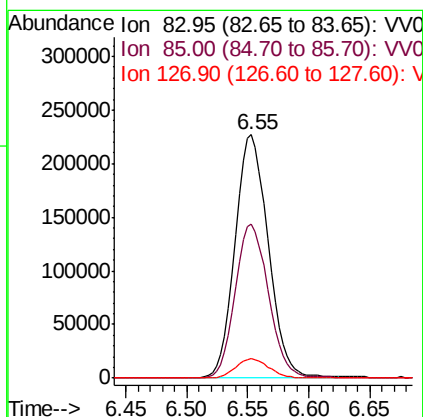
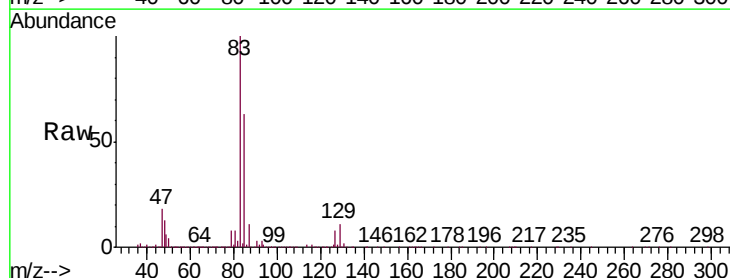
Tgt Ion: 83 Resp: 426901

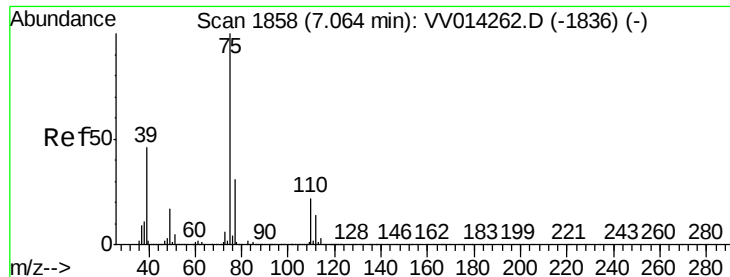
Ion Ratio Lower Upper

83 100

85 63.4 46.4 86.2

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.467 ug/L

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

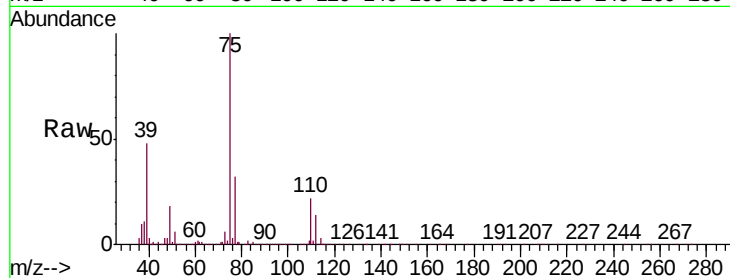
VSTD00551

Tgt Ion: 75 Resp: 532611

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.07

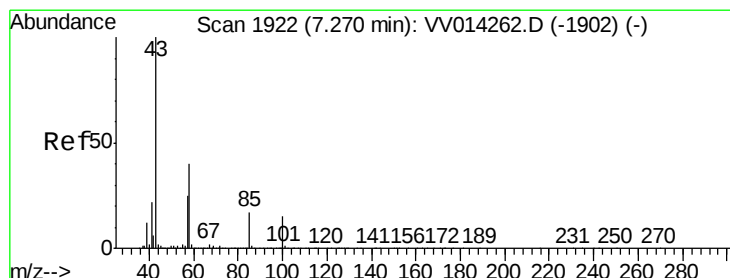
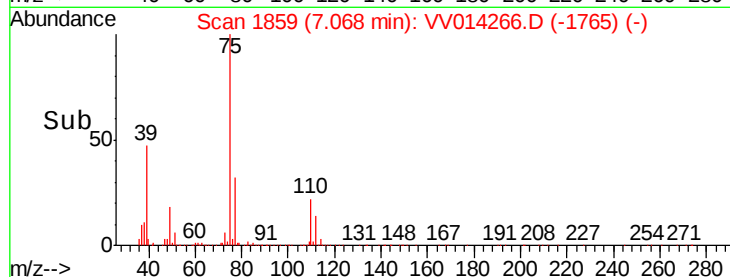
300000

200000

100000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 44.193 ug/L

RT: 7.27 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

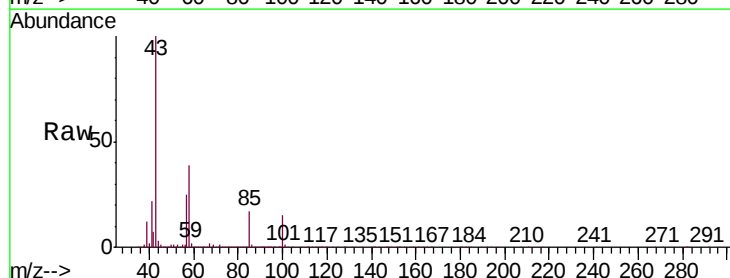
Tgt Ion: 43 Resp: 2051588

Ion Ratio Lower Upper

43 100

58 39.2 31.5 47.3

100 14.6 12.2 18.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

7.27

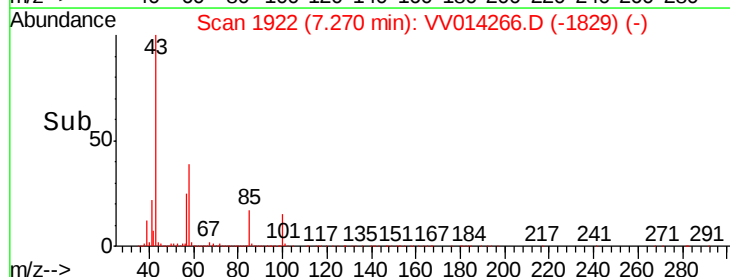
1500000

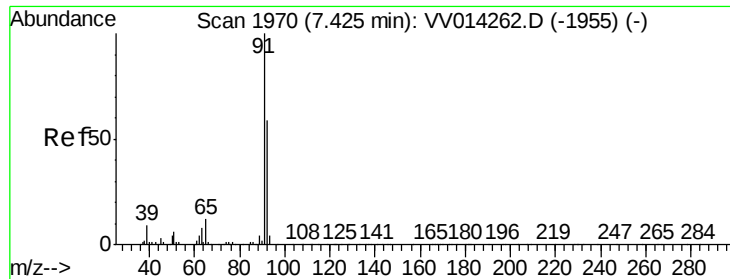
1000000

500000

0

Time-->





#42

Toluene

Concen: 4.527 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

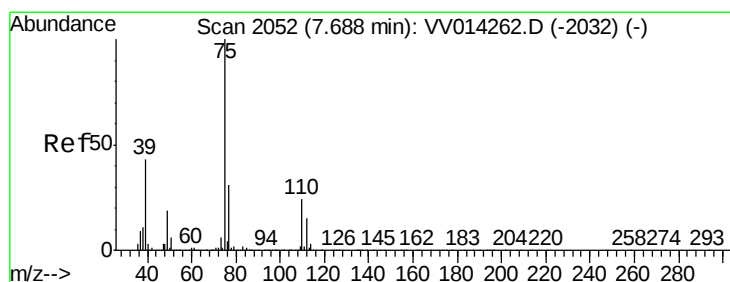
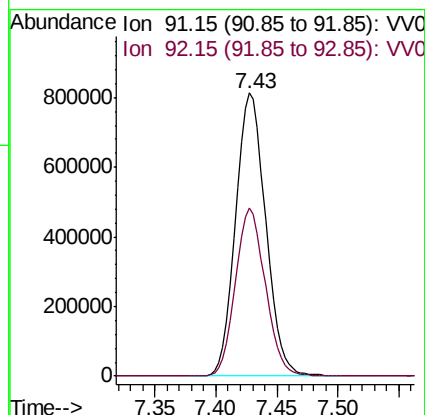
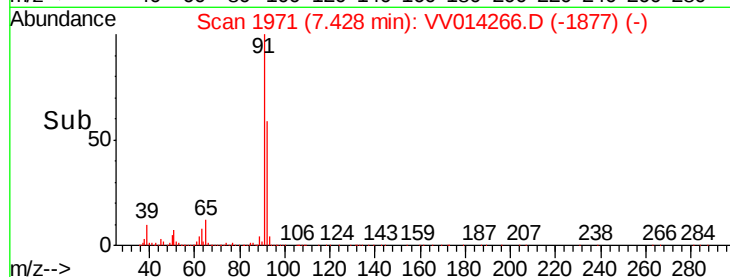
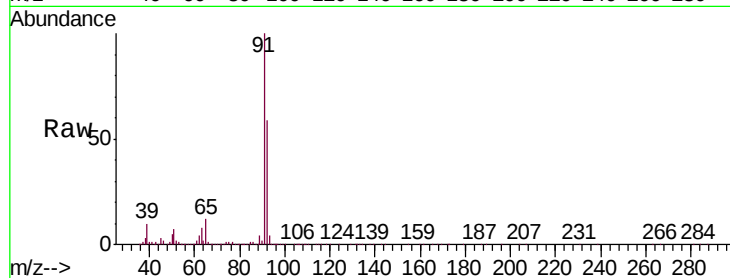
VSTD00551

Tgt Ion: 91 Resp: 1394394

Ion Ratio Lower Upper

91 100

92 59.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.519 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV014266.D

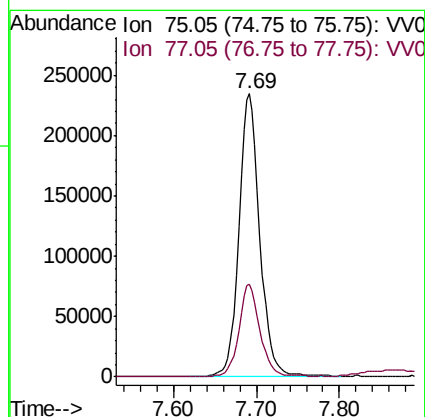
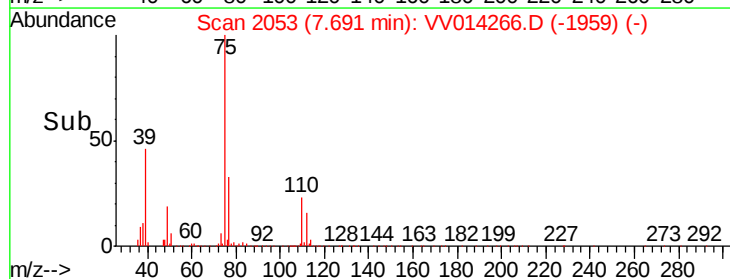
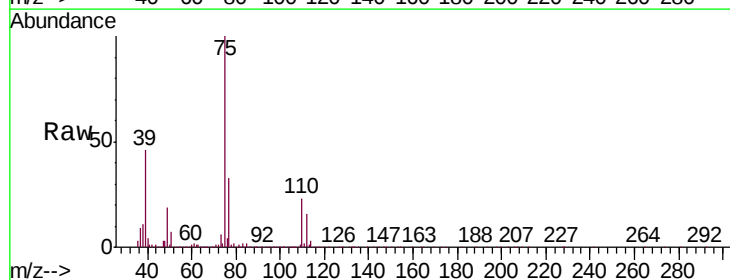
Acq: 06 Jan 2020 12:37

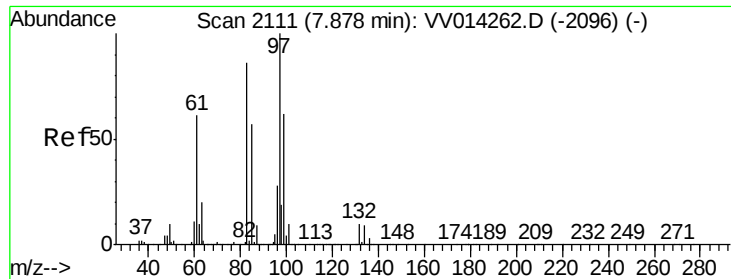
Tgt Ion: 75 Resp: 413781

Ion Ratio Lower Upper

75 100

77 32.9 22.0 41.0

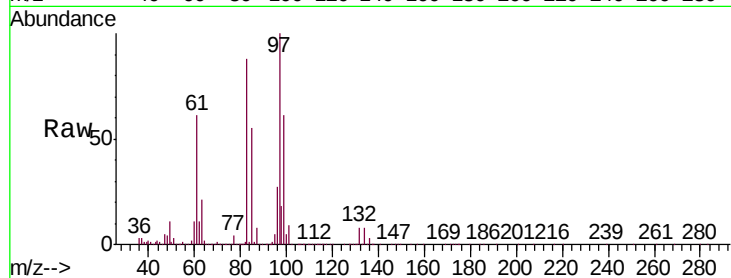




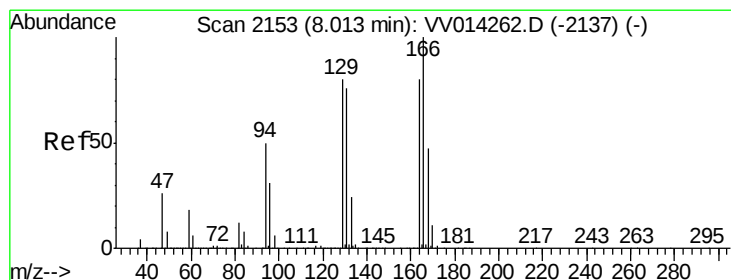
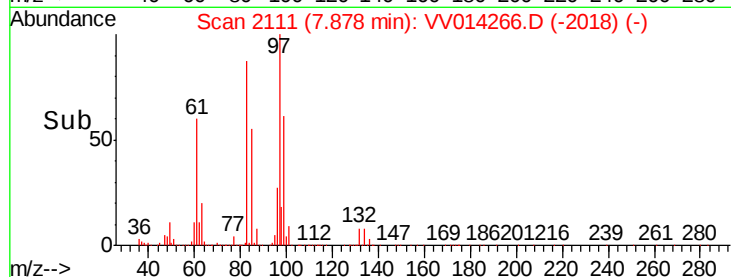
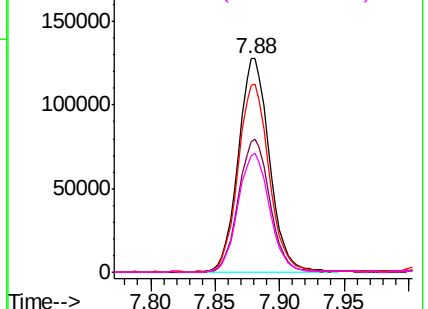
#45
 1,1,2-Trichloroethane
 Concen: 4.573 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Tgt Ion:	97	Resp:	215158
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.7	81.1
83	87.7	60.0	111.4
85	54.8	39.2	72.8

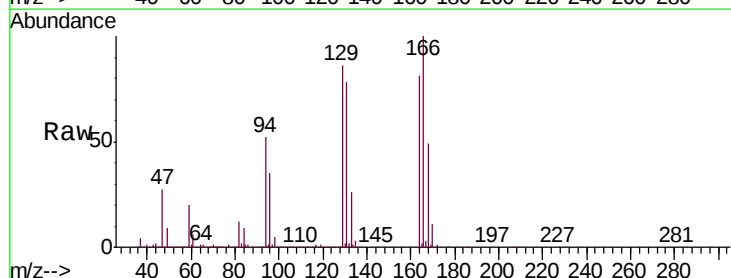


Abundance Ion 96.95 (96.65 to 97.65): VV014266.D (-2096) (-)
 Ion 99.05 (98.75 to 99.75): VV014266.D (-2096) (-)
 Ion 82.95 (82.65 to 83.65): VV014266.D (-2096) (-)
 Ion 85.00 (84.70 to 85.70): VV014266.D (-2096) (-)

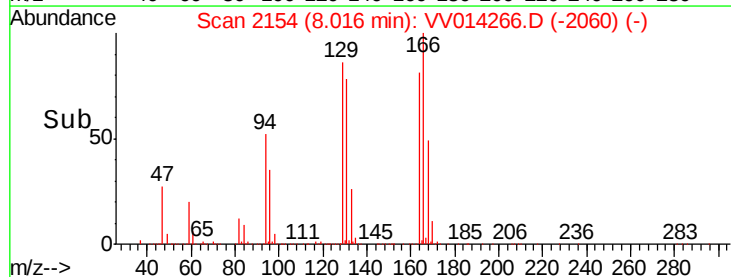
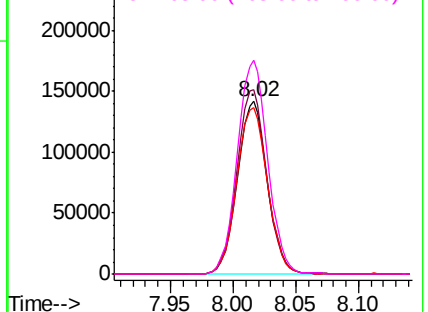


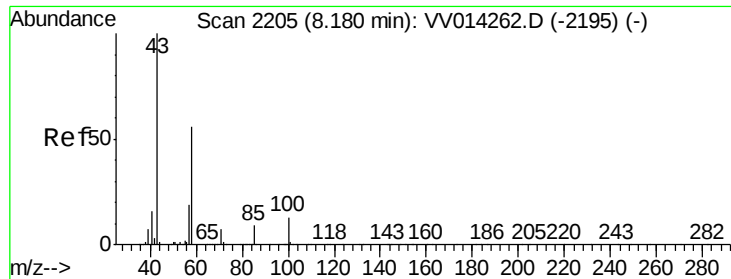
#47
 Tetrachloroethene
 Concen: 4.590 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Tgt Ion:	164	Resp:	235113
Ion	Ratio	Lower	Upper
164	100		
129	107.0	71.7	133.3
131	96.8	70.4	130.8
166	123.9	90.3	167.7



Abundance Ion 163.90 (163.60 to 164.60): VV014266.D (-2060) (-)
 Ion 128.95 (128.65 to 129.65): VV014266.D (-2060) (-)
 Ion 130.95 (130.65 to 131.65): VV014266.D (-2060) (-)
 Ion 165.90 (165.60 to 166.60): VV014266.D (-2060) (-)



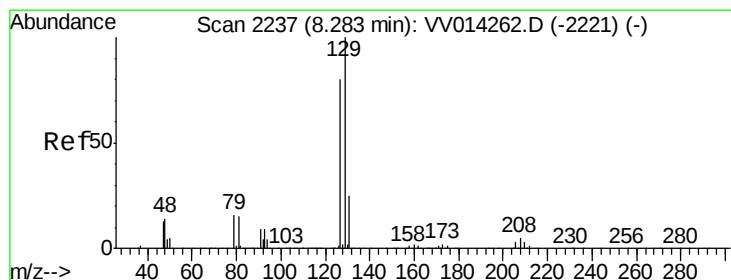
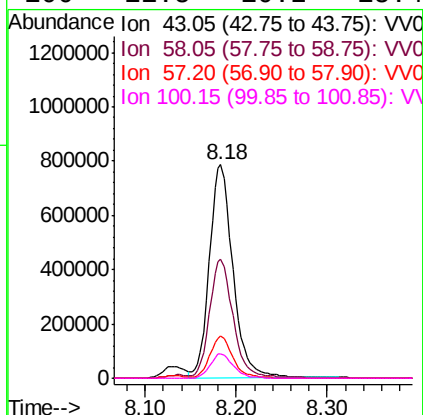
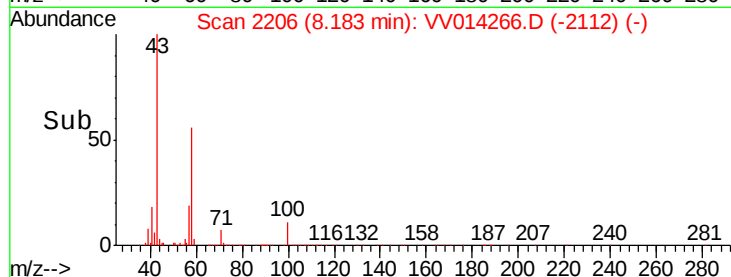
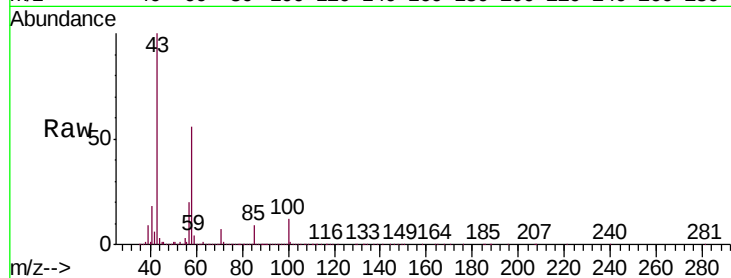


#48
2-Hexanone
Concen: 44.135 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

Tgt Ion: 43 Resp: 1417179

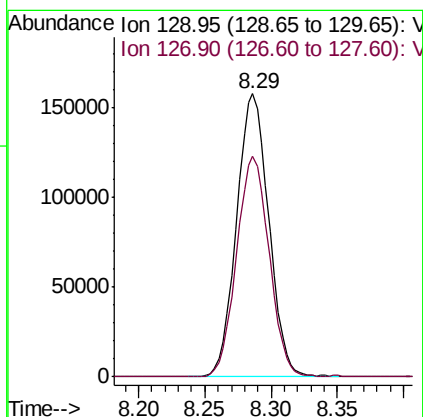
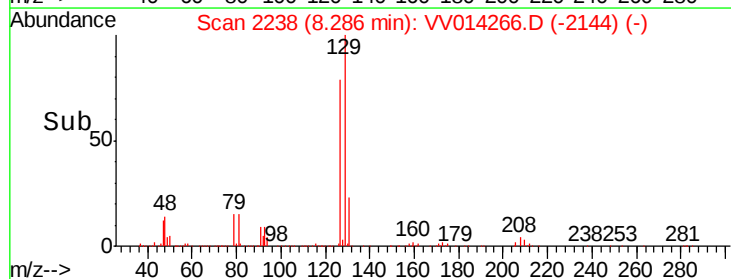
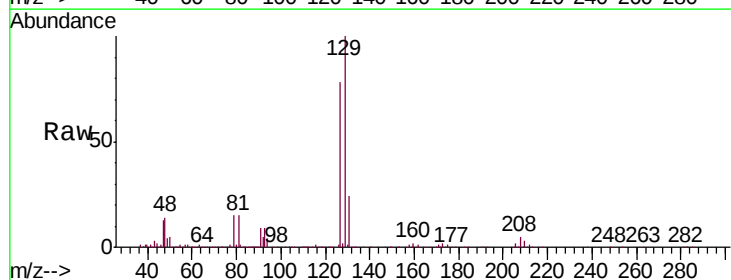
Ion	Ratio	Lower	Upper
43	100		
58	55.9	45.4	68.0
57	18.8	15.8	23.8
100	11.5	10.2	15.4

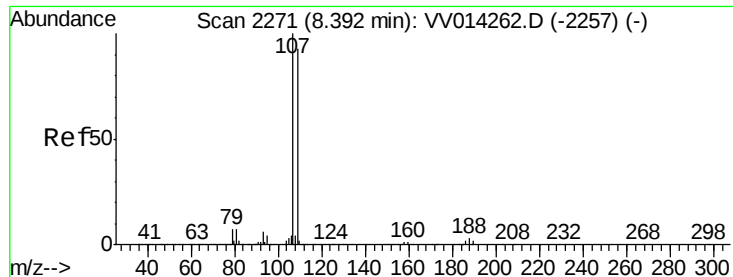


#49
Dibromochloromethane
Concen: 4.486 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion: 129 Resp: 266812

Ion	Ratio	Lower	Upper
129	100		
127	77.9	55.7	103.5

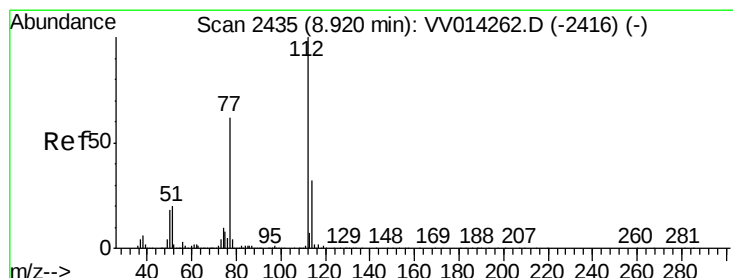
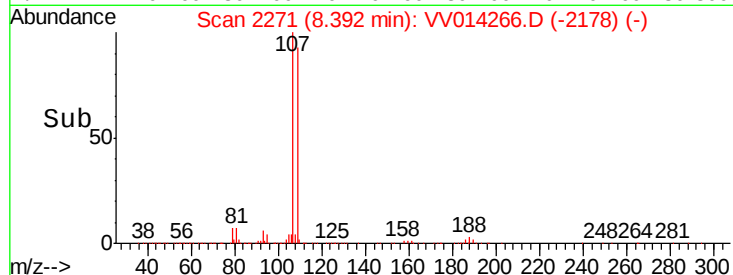
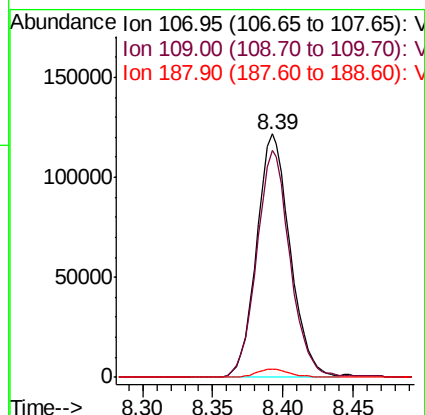
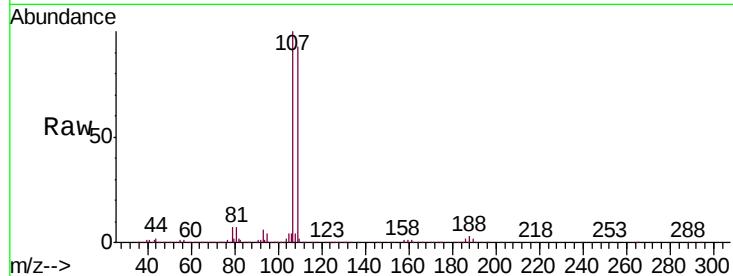




#50
1,2-Dibromoethane
Concen: 4.438 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

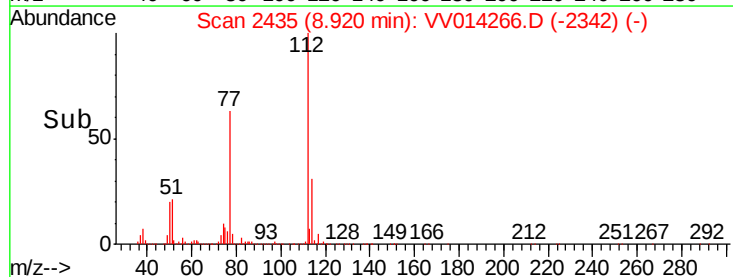
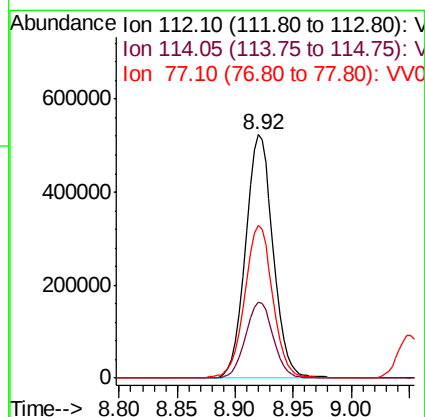
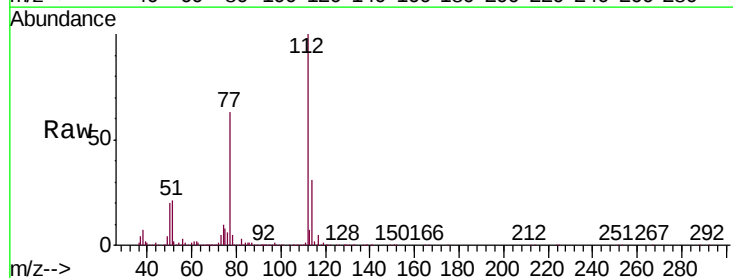
Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

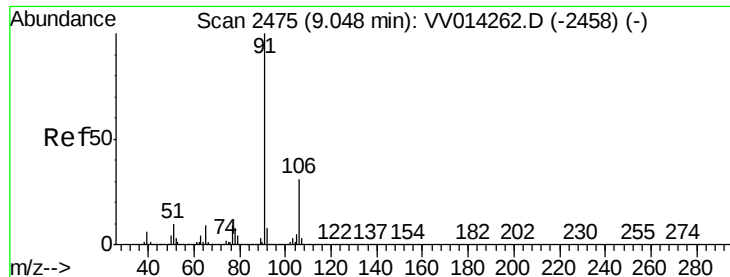
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.2	63.0	117.0
188	3.5	3.0	4.4



#51
Chlorobenzene
Concen: 4.560 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.7
77	63.0	49.3	73.9





#52

Ethylbenzene

Concen: 4.604 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

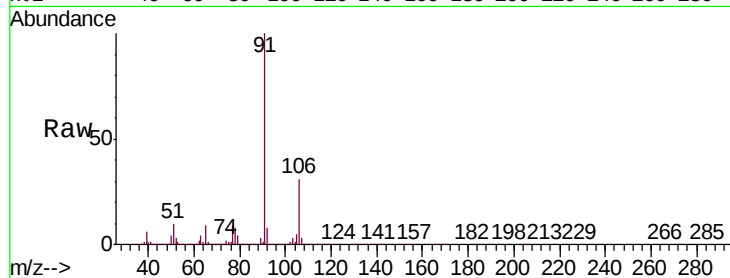
VSTD00551

Tgt Ion: 91 Resp: 1586388

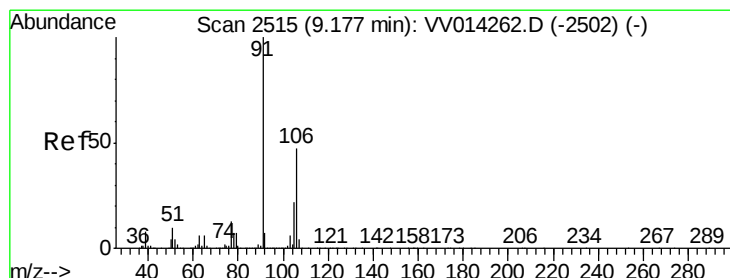
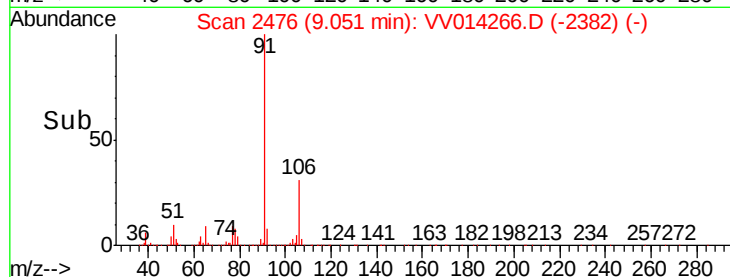
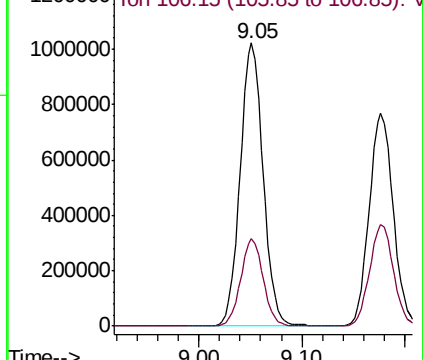
Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV014266.D (-2476) (-)



#53

m,p-xylene

Concen: 4.616 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014266.D

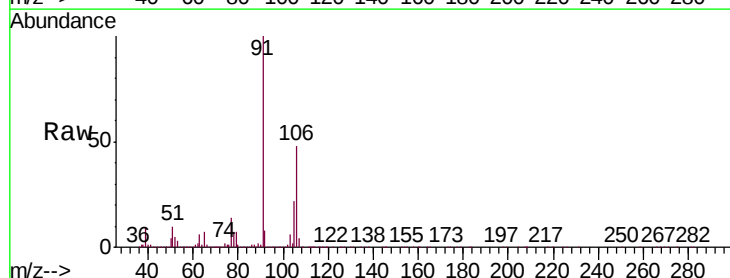
Acq: 06 Jan 2020 12:37

Tgt Ion: 106 Resp: 586756

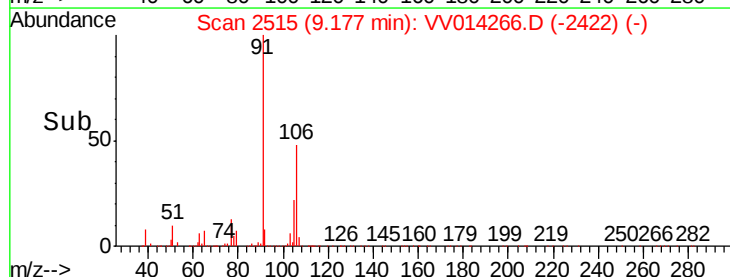
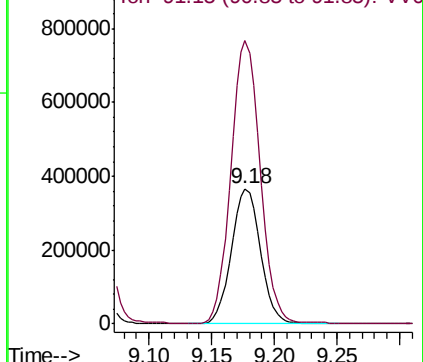
Ion Ratio Lower Upper

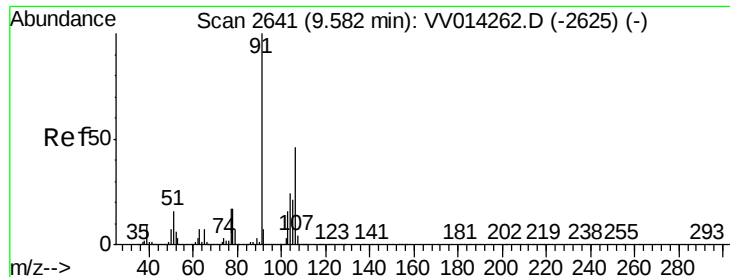
106 100

91 209.0 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): VV014266.D (-2515) (-)

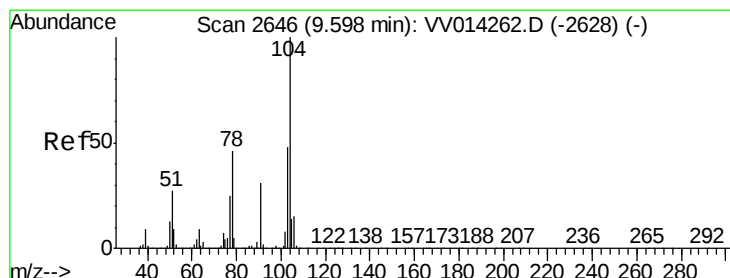
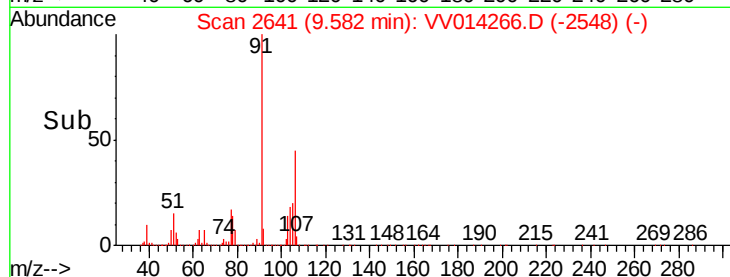
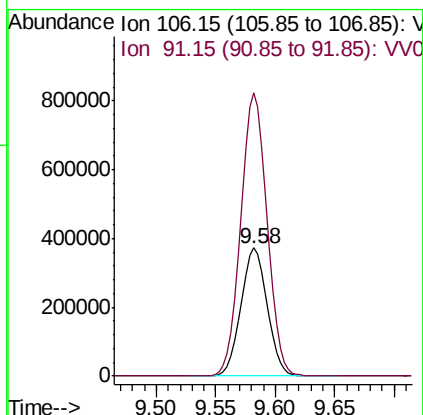
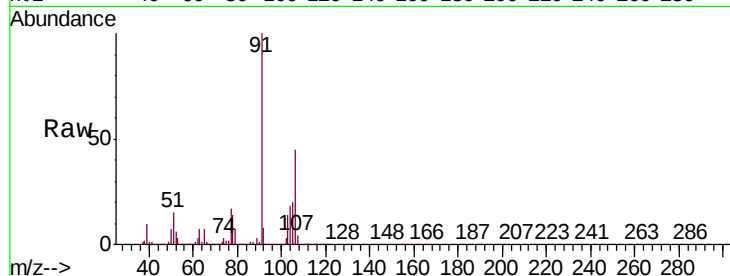




#54
o-xylene
Concen: 4.558 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

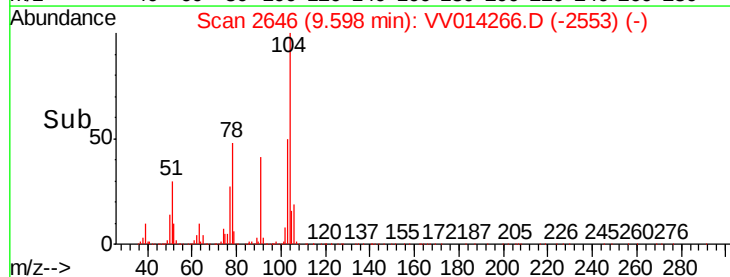
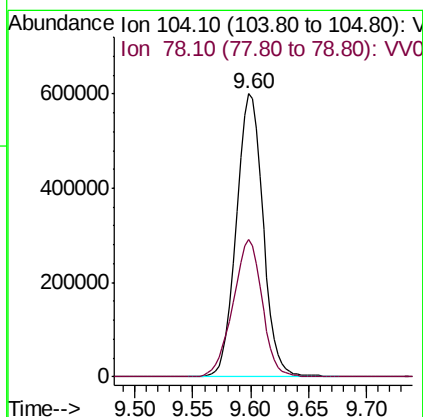
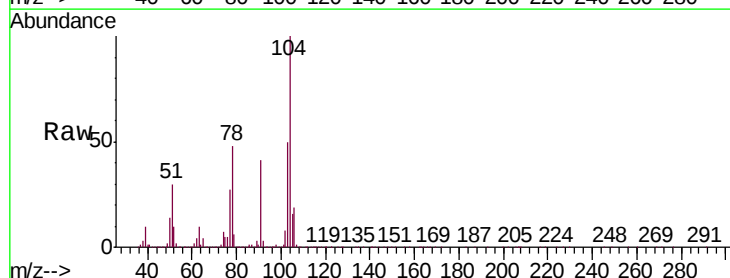
Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

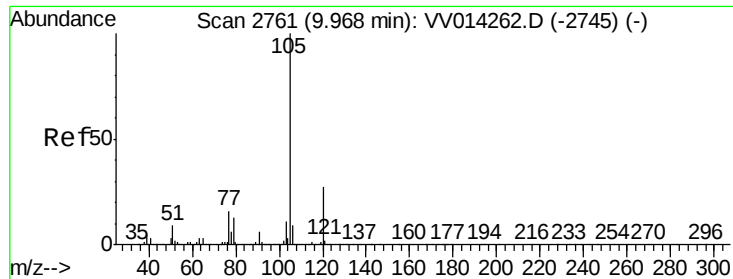
Tgt Ion:106 Resp: 569677
Ion Ratio Lower Upper
106 100
91 221.0 150.9 280.3



#55
Styrene
Concen: 4.521 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. -0.00 min
Lab File: VV014266.D
Acq: 06 Jan 2020 12:37

Tgt Ion:104 Resp: 957303
Ion Ratio Lower Upper
104 100
78 48.4 31.7 58.9





#56

Isopropylbenzene

Concen: 4.707 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampled :

VSTD00551

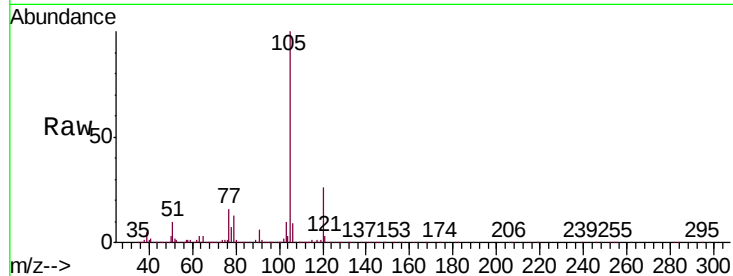
Tgt Ion:105 Resp: 1534758

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4

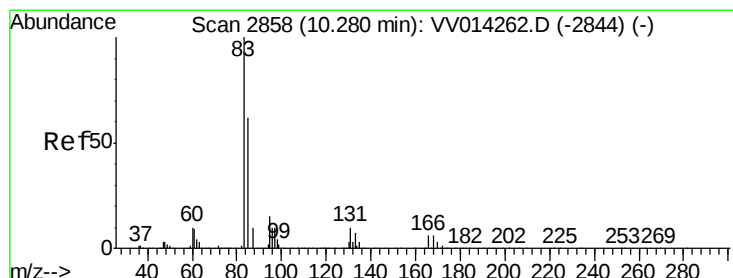
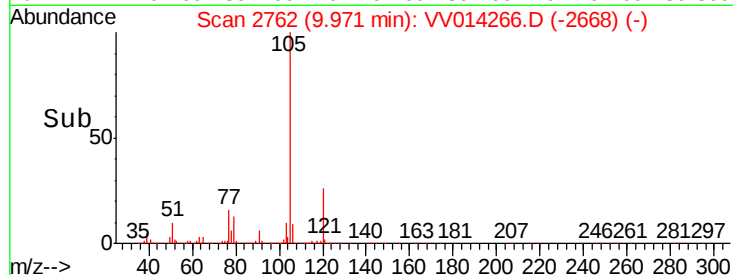
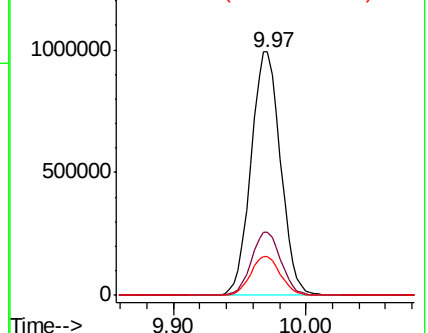
77 16.1 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.494 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

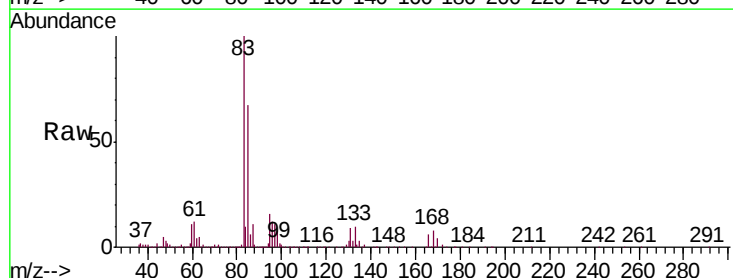
Tgt Ion: 83 Resp: 260710

Ion Ratio Lower Upper

83 100

85 67.0 45.9 85.3

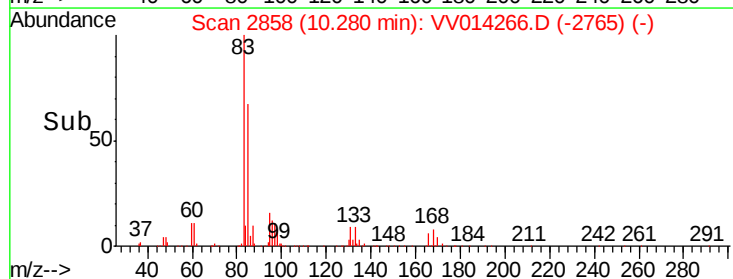
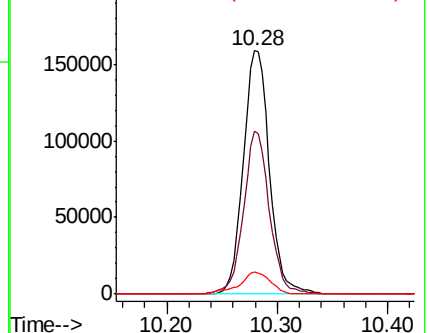
131 9.1 7.8 11.8

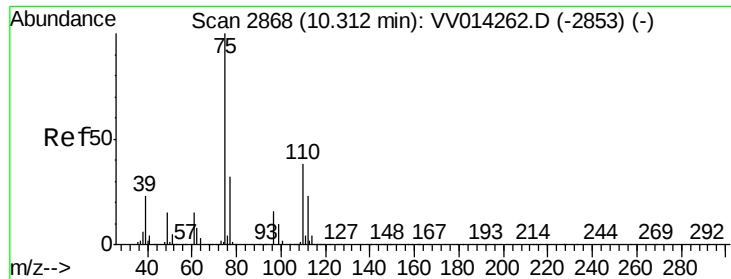


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.491 ug/L

RT: 10.31 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

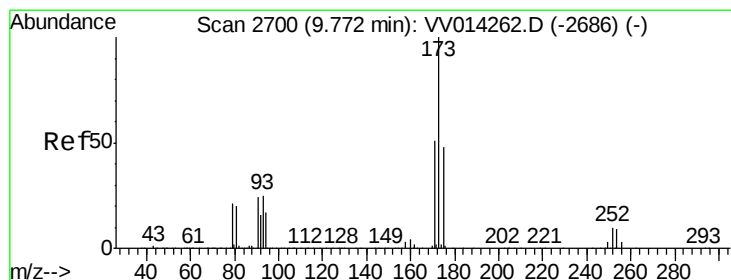
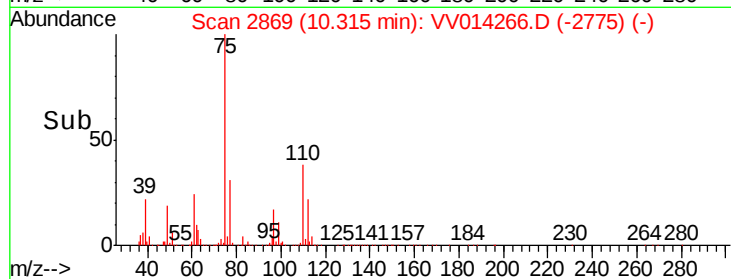
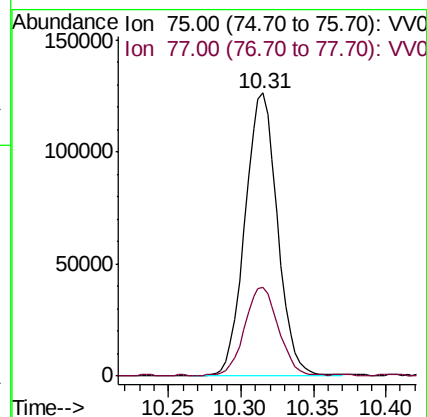
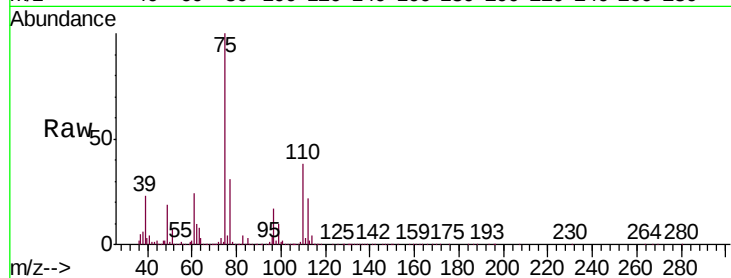
VSTD00551

Tgt Ion: 75 Resp: 197053

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#61

Bromoform

Concen: 4.457 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

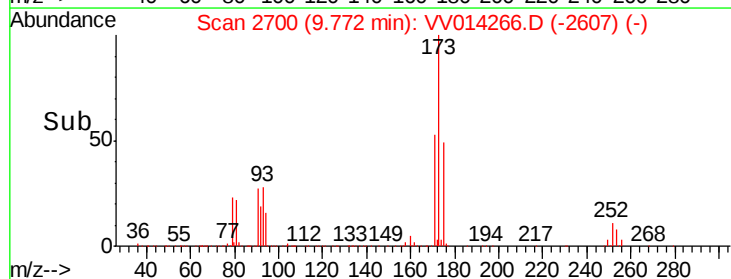
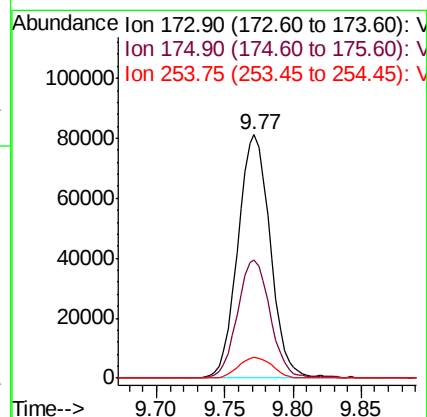
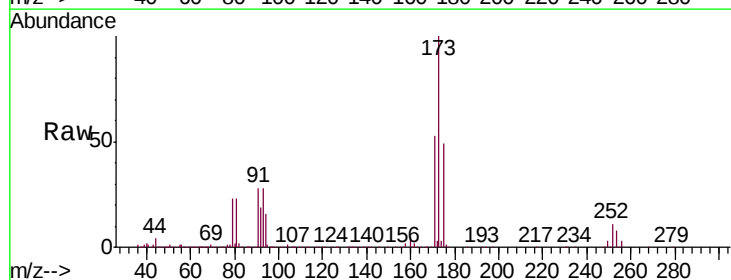
Tgt Ion: 173 Resp: 133851

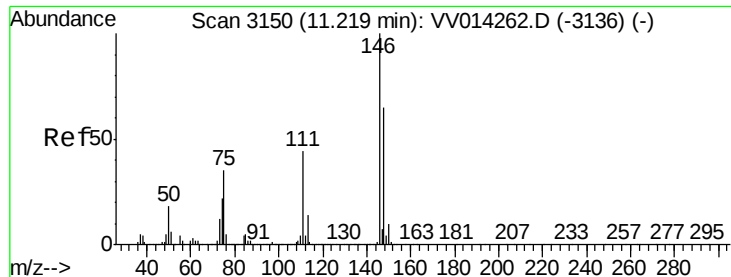
Ion Ratio Lower Upper

173 100

175 48.9 37.9 56.9

254 8.7 7.6 11.4

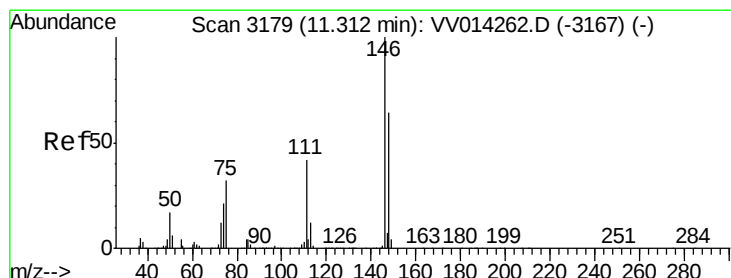
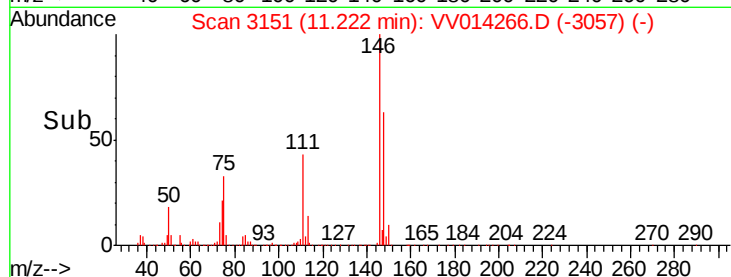
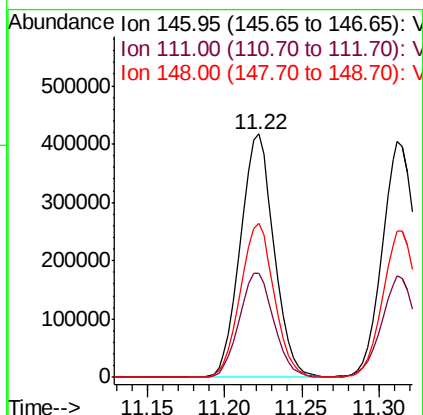
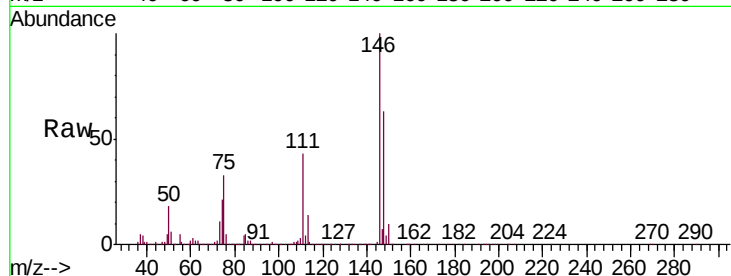




#62
 1,3-Dichlorobenzene
 Concen: 4.556 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

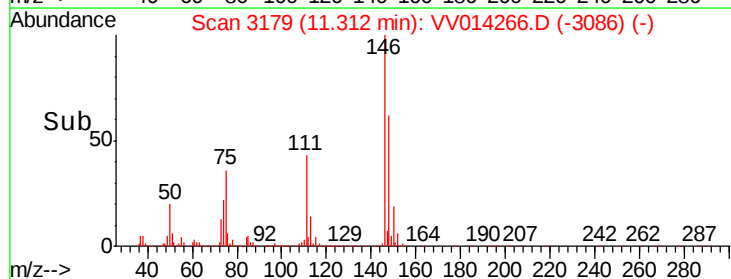
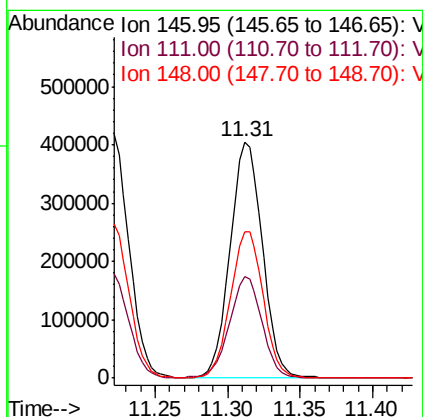
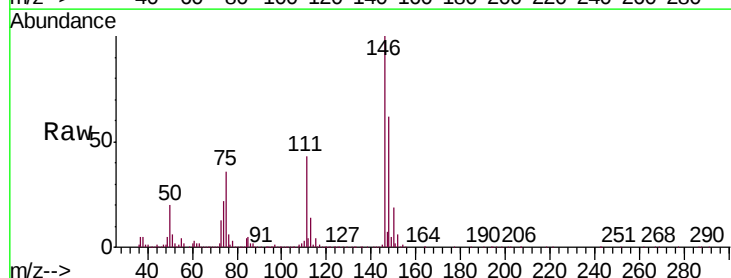
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

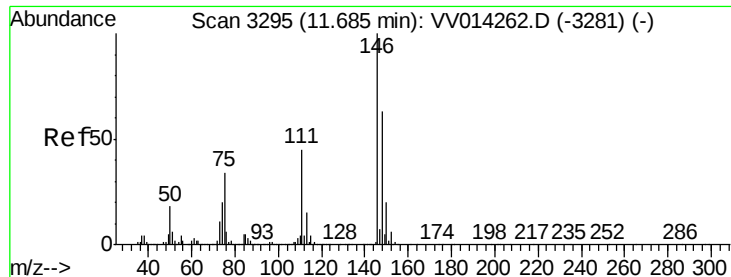
Tgt Ion:146 Resp: 631095
 Ion Ratio Lower Upper
 146 100
 111 42.7 30.7 57.1
 148 63.1 44.4 82.5



#63
 1,4-Dichlorobenzene
 Concen: 4.532 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Tgt Ion:146 Resp: 624205
 Ion Ratio Lower Upper
 146 100
 111 42.8 28.8 53.4
 148 61.8 44.5 82.7

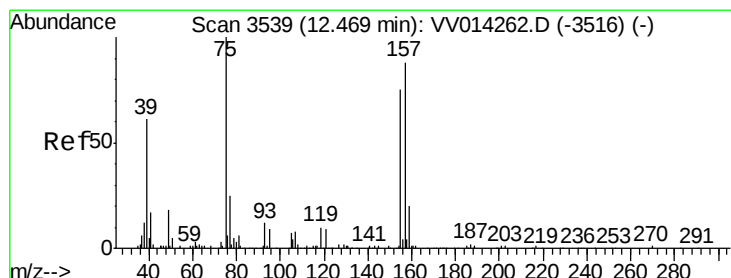
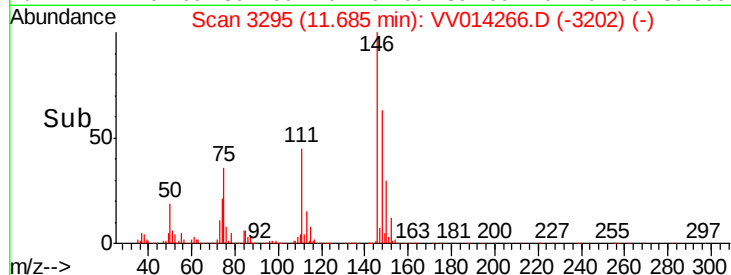
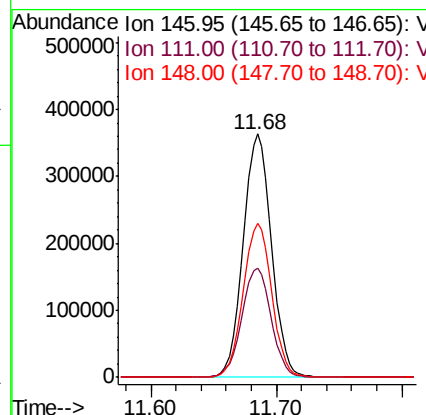
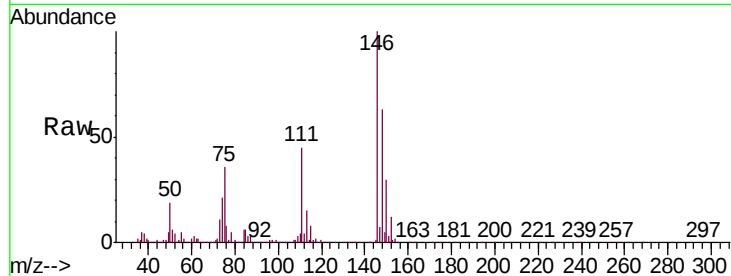




#65
 1,2-Dichlorobenzene
 Concen: 4.551 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

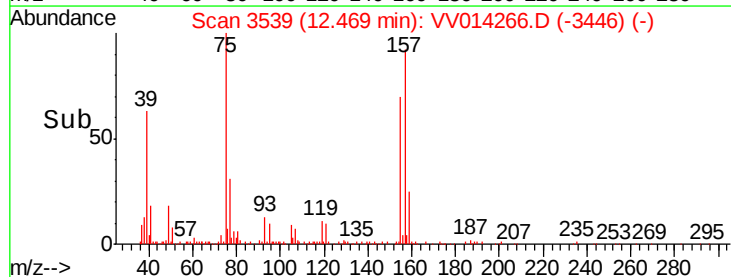
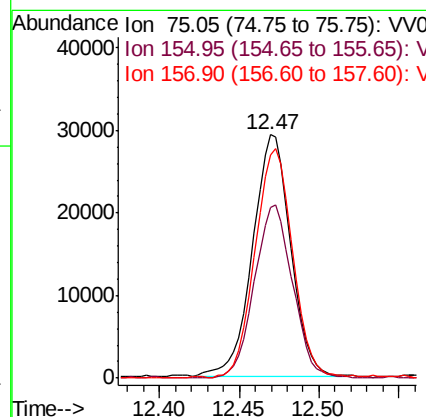
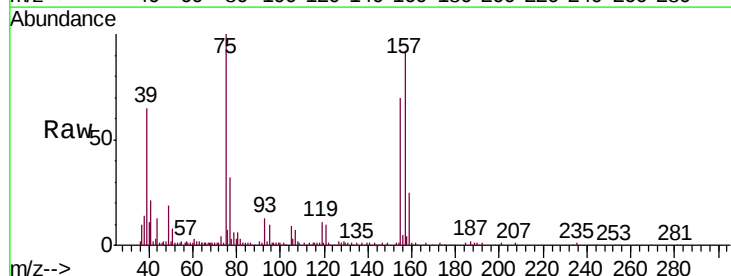
Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD00551

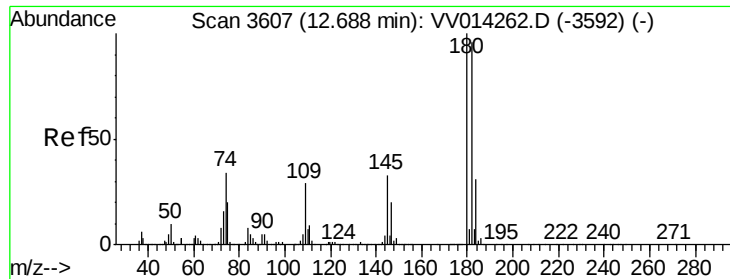
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	36.4	54.6
148	63.3	51.3	76.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.143 ug/L
 RT: 12.47 min Scan# 3539
 Delta R.T. -0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	56.9	85.3
157	91.7	82.0	123.0

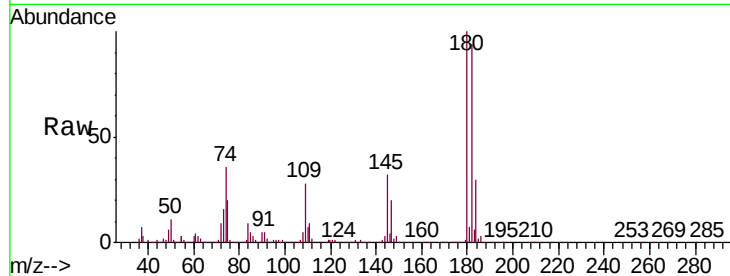




#67
 1,3,5-Trichlorobenzene
 Concen: 4.507 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.2	115.8
184	29.9	24.6	36.8
145	32.8	26.9	40.3



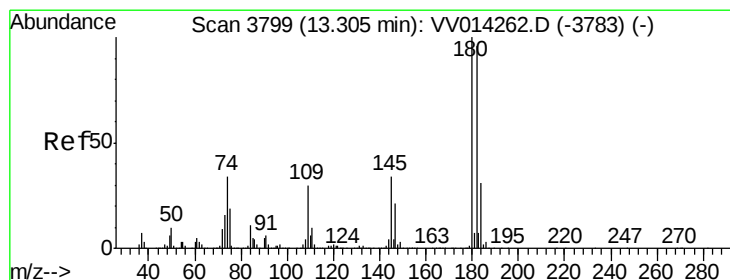
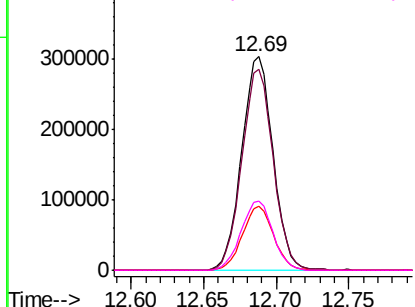
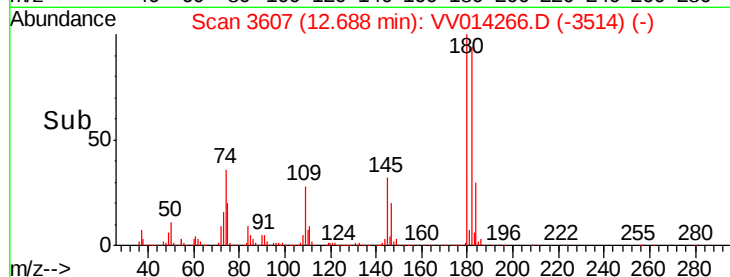
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

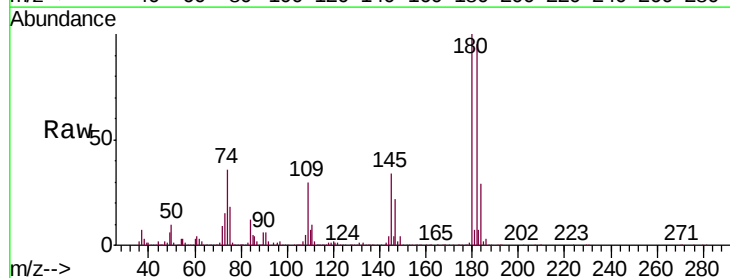
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.414 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: VV014266.D
 Acq: 06 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.2	112.8
145	34.2	26.2	39.4

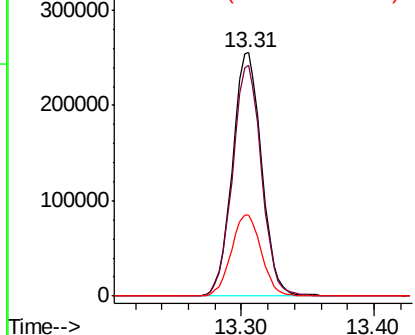
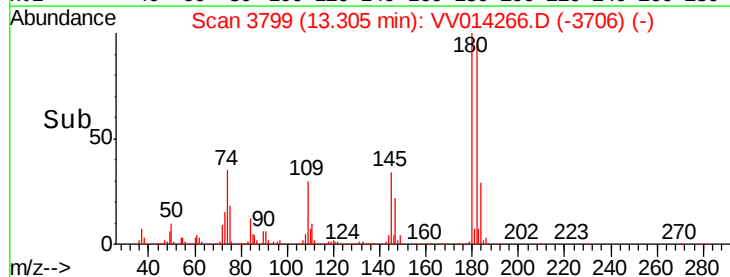


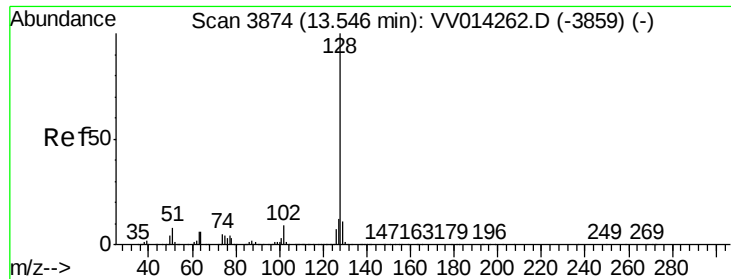
Abundance

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





#69

Naphthalene

Concen: 4.251 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD00551

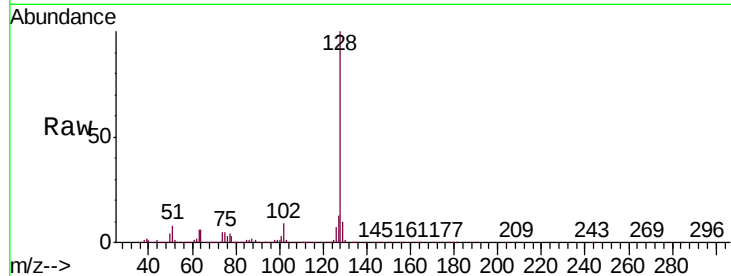
Tgt Ion:128 Resp: 763080

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

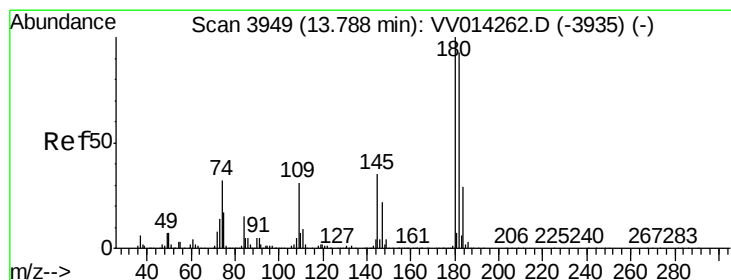
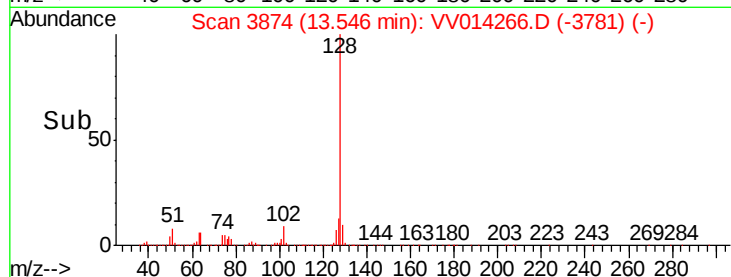
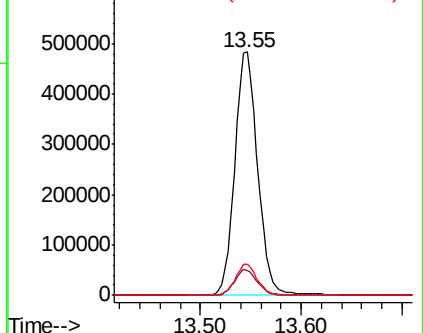
127 12.3 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 4.430 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VV014266.D

Acq: 06 Jan 2020 12:37

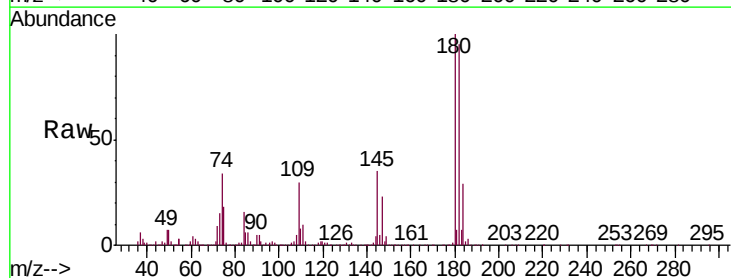
Tgt Ion:180 Resp: 344405

Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

145 35.8 29.0 43.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

