

Data File : VV015124.D
Acq On : 24 Mar 2020 17:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Quant Time: Mar 25 01:16:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	552982	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	534168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	263975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	276516	54.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.28%
7) Chloroethane-d5	1.58	69	243612	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.70%
11) 1,1-Dichloroethene-d2	2.12	63	520813	61.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.16%
21) 2-Butanone-d5	3.93	46	364678	109.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.57%
24) Chloroform-d	4.38	84	445585	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.06	65	279606	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.76%
32) Benzene-d6	5.07	84	905654	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.96%
36) 1,2-Dichloropropane-d6	6.09	67	283134	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.94%
41) Toluene-d8	7.34	98	881621	58.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.54%
43) trans-1,3-Dichloropropene-	7.64	79	154112	55.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.22%
47) 2-Hexanone-d5	8.11	63	281163	105.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	412338	55.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	334945	56.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.64%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	245773	58.579 ug/L	99
3) Chloromethane	1.25	50	266909	48.054 ug/L	100
5) Vinyl chloride	1.32	62	272001	51.593 ug/L	100
6) Bromomethane	1.53	94	156732	48.610 ug/L	100
8) Chloroethane	1.60	64	180538	44.598 ug/L	97
9) Trichlorofluoromethane	1.77	101	405860	61.082 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	216936	65.147 ug/L	99
12) 1,1-Dichloroethene	2.13	96	199924	55.805 ug/L	97
13) Acetone	2.22	43	214982	82.459 ug/L	67
14) Carbon disulfide	2.31	76	483145	52.496 ug/L	100
15) Methyl Acetate	2.46	43	220328	47.284 ug/L	100
16) Methylene chloride	2.52	84	210624	49.682 ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	190780	53.611 ug/L	93
18) Methyl tert-butyl Ether	2.79	73	665007	48.938 ug/L	97
19) 1,1-Dichloroethane	3.21	63	359778	49.522 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	215710	51.350 ug/L	# 99
22) 2-Butanone	4.02	43	316305	86.973 ug/L	91

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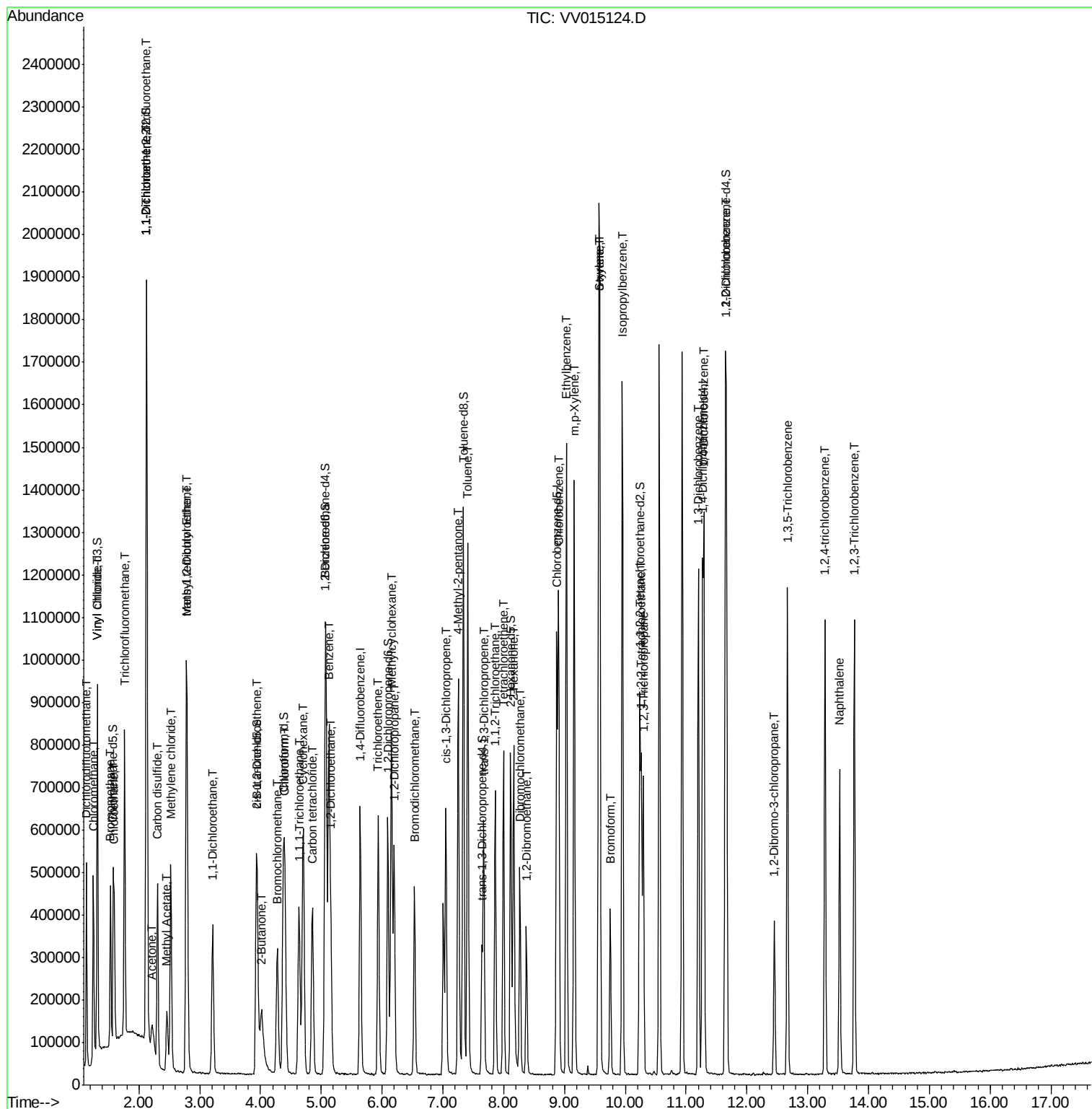
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	106112	50.833	ug/L	93
25) Chloroform	4.40	83	377127	52.113	ug/L	99
27) 1,2-Dichloroethane	5.16	62	280775	48.715	ug/L	99
29) Cyclohexane	4.70	56	328824	55.304	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	324358	51.856	ug/L	98
31) Carbon tetrachloride	4.86	117	296502	56.225	ug/L	99
33) Benzene	5.13	78	804226	49.583	ug/L	100
34) Trichloroethene	5.94	95	209049	53.501	ug/L	98
35) Methylcyclohexane	6.15	83	356440	61.814	ug/L	97
37) 1,2-Dichloropropane	6.20	63	208761	47.772	ug/L	99
38) Bromodichloromethane	6.53	83	294969	49.043	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	368526	51.595	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	647359	89.516	ug/L	98
42) Toluene	7.41	91	907571	52.524	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	331263	50.398	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	203221	48.743	ug/L	97
46) Tetrachloroethene	8.00	164	161552	59.308	ug/L	98
48) 2-Hexanone	8.16	43	518179	93.118	ug/L	98
49) Dibromochloromethane	8.27	129	240226	49.912	ug/L	98
50) 1,2-Dibromoethane	8.37	107	221739	48.408	ug/L	99
51) Chlorobenzene	8.90	112	588279	53.067	ug/L	99
52) Ethylbenzene	9.03	91	1037674	55.062	ug/L	99
53) m,p-Xylene	9.16	106	398341	55.841	ug/L	99
54) o-xylene	9.56	106	395547	53.674	ug/L	100
55) Styrene	9.58	104	681213	53.450	ug/L	99
56) Isopropylbenzene	9.95	105	1036056	56.960	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	348717	48.643	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	275512	47.556	ug/L	99
61) Bromoform	9.75	173	166491	46.027	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	458168	52.211	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	464937	52.413	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	458443	50.131	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	91947	45.172	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	330849	55.027	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	305011	53.415	ug/L	98
69) Naphthalene	13.53	128	542072	48.046	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	297507	50.574	ug/L	99

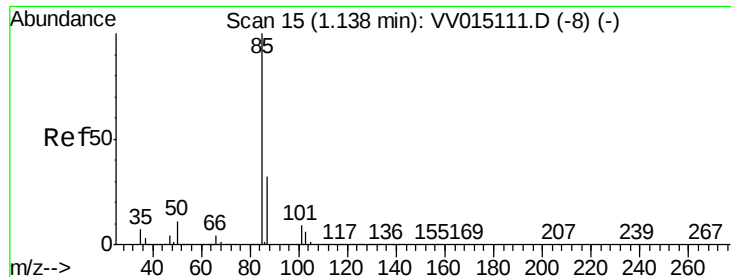
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 58.579 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

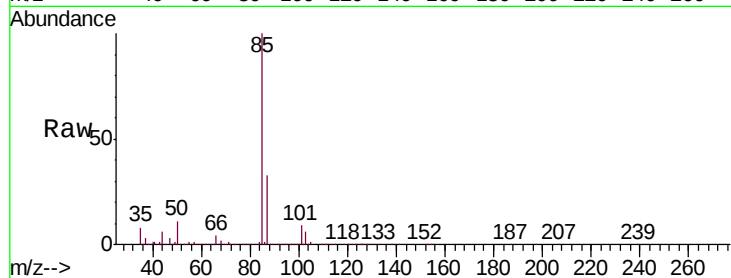
VSTD05071

Tgt Ion: 85 Resp: 245773

Ion Ratio Lower Upper

85 100

87 32.9 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VV015111.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV015111.D (-8) (-)

1.14

250000

200000

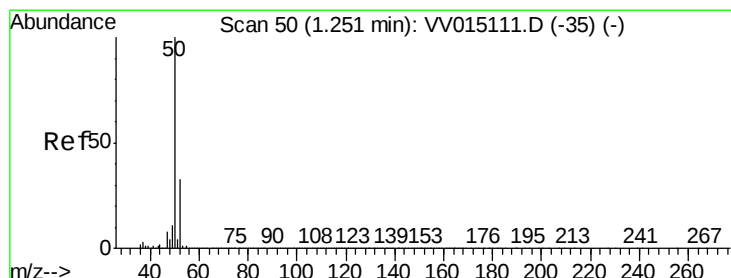
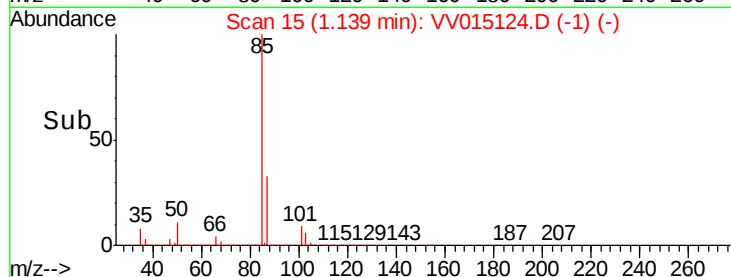
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 48.054 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV015124.D

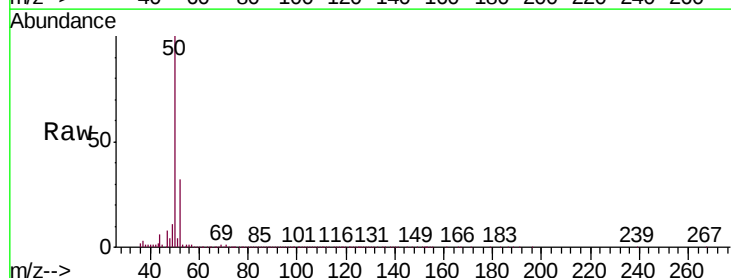
Acq: 24 Mar 2020 17:04

Tgt Ion: 50 Resp: 266909

Ion Ratio Lower Upper

50 100

52 32.5 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV015111.D (-35) (-)

Ion 52.00 (51.70 to 52.70): VV015111.D (-35) (-)

1.25

250000

200000

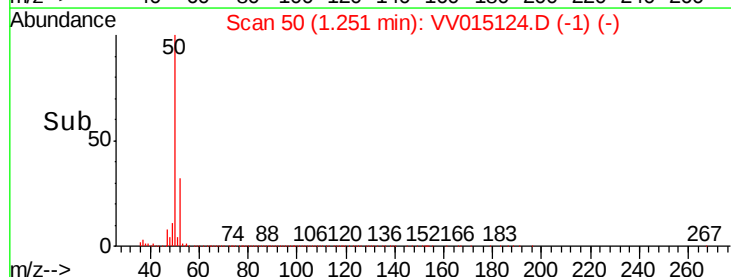
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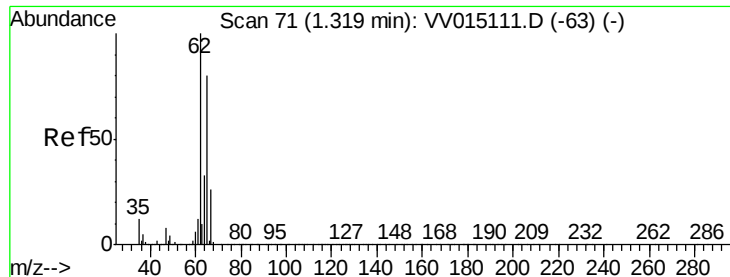
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50000

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Time-->





#5

Vinyl chloride

Concen: 51.593 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

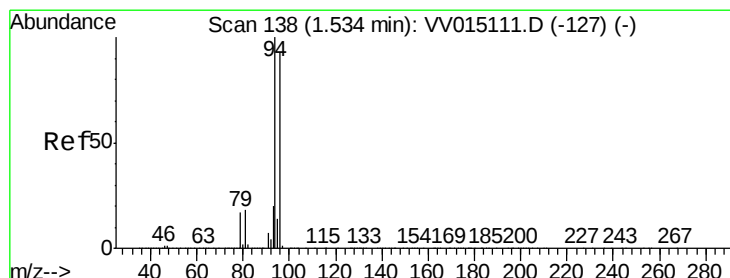
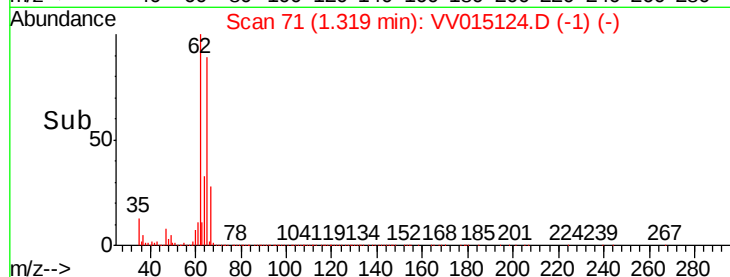
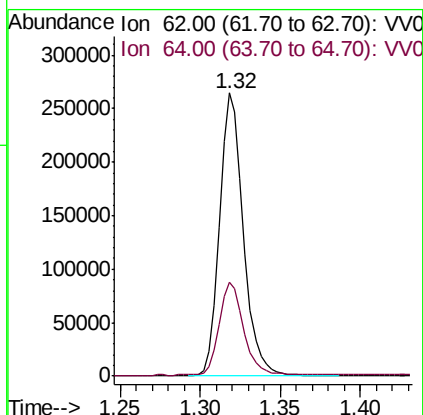
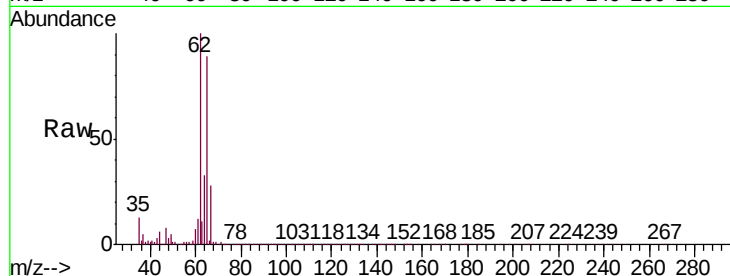
VSTD05071

Tgt Ion: 62 Resp: 272001

Ion Ratio Lower Upper

62 100

64 33.4 23.6 43.8



#6

Bromomethane

Concen: 48.610 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV015124.D

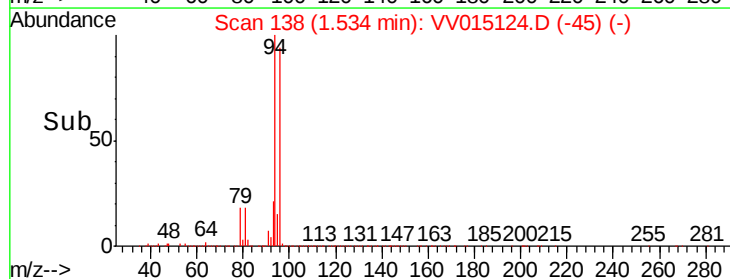
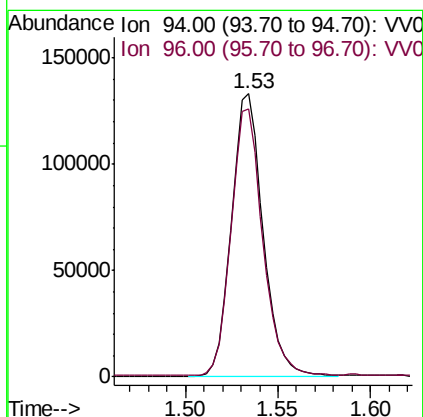
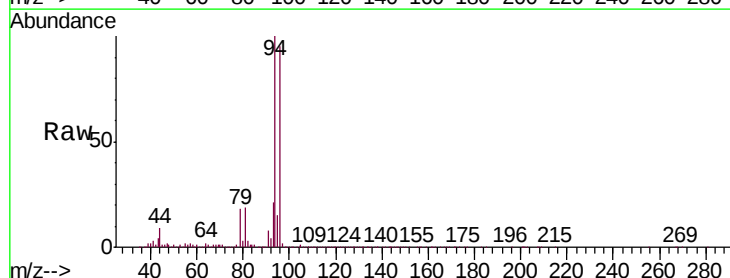
Acq: 24 Mar 2020 17:04

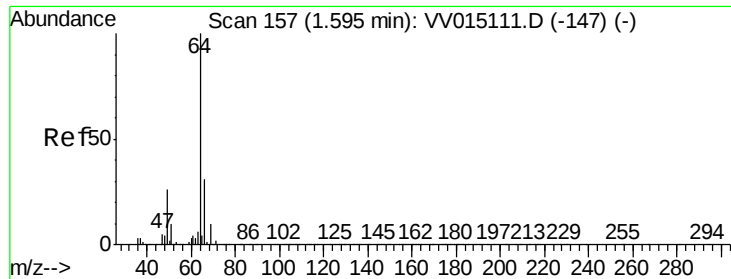
Tgt Ion: 94 Resp: 156732

Ion Ratio Lower Upper

94 100

96 94.6 65.9 122.3

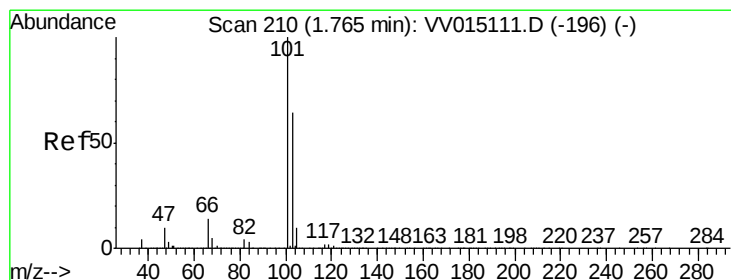
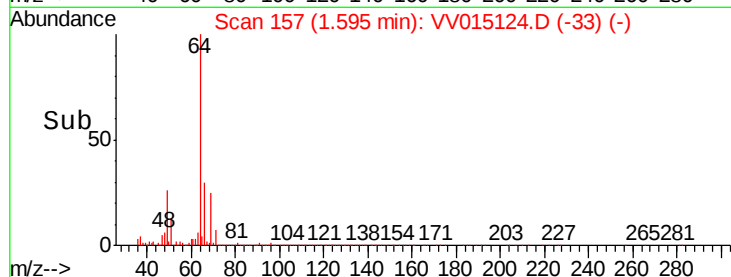
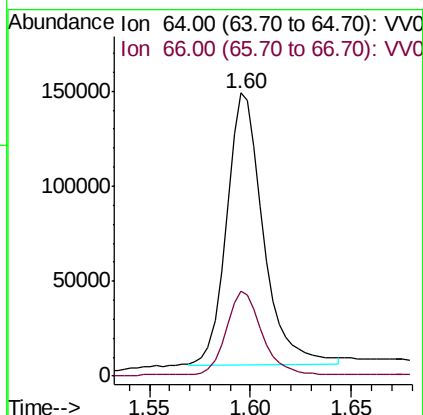
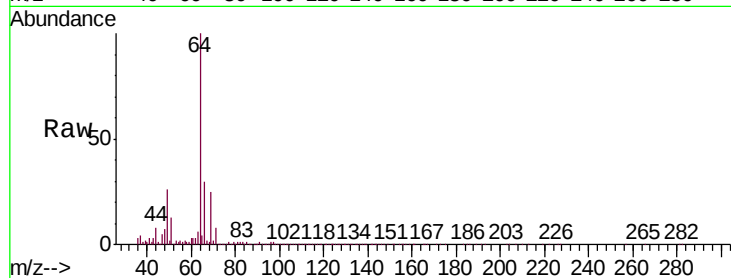




#8
Chloroethane
Concen: 44.598 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

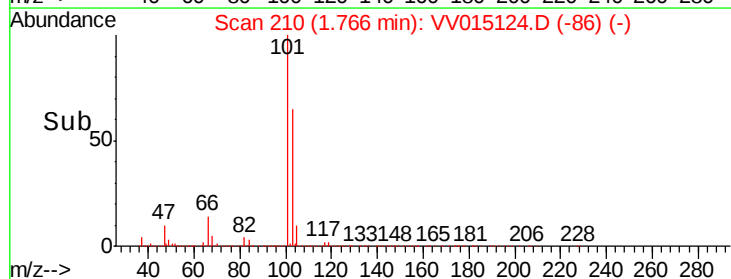
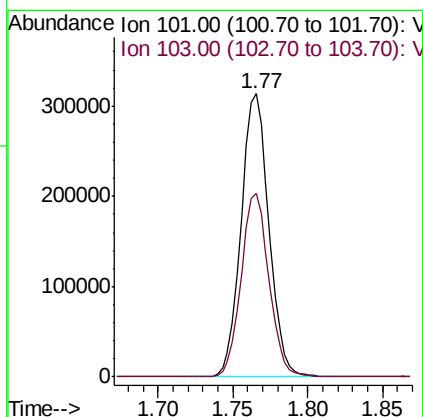
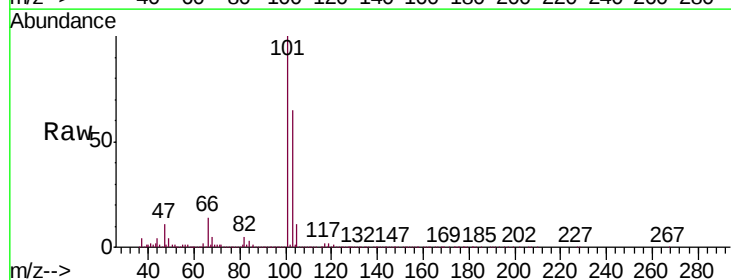
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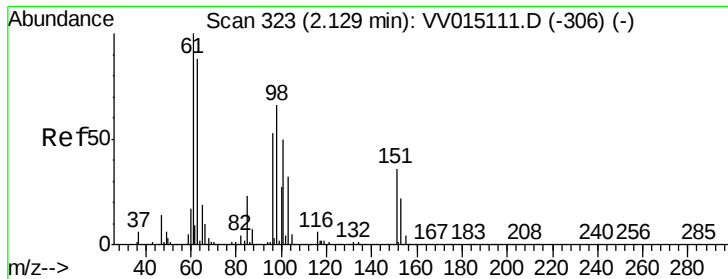
Tgt Ion: 64 Resp: 180538
Ion Ratio Lower Upper
64 100
66 29.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 61.082 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion: 101 Resp: 405860
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0





#10

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

Concen: 65.147 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

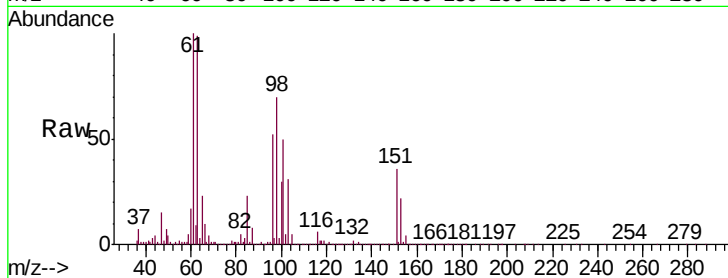
Tgt Ion: 101 Resp: 216936

Ion Ratio Lower Upper

101 100

85 46.4 37.2 55.8

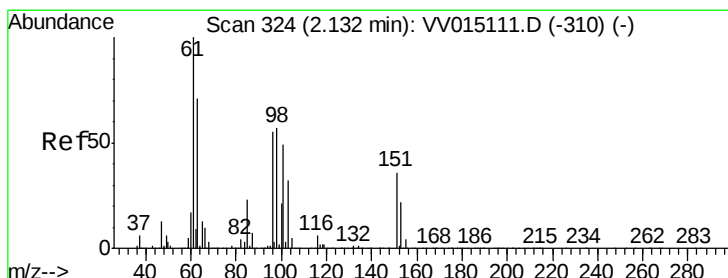
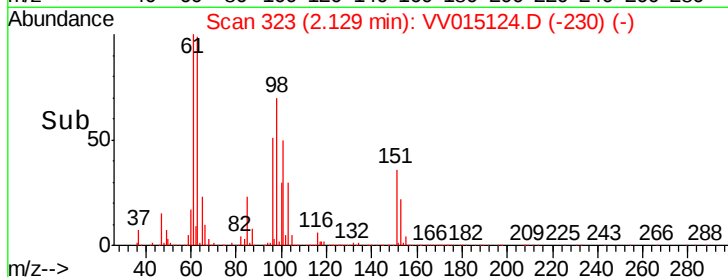
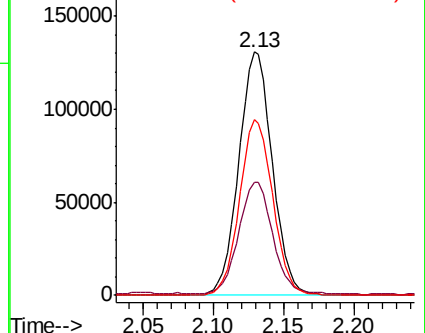
151 71.9 56.3 84.5



Abundance Ion 101.00 (100.70 to 101.70): VV015124.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV015124.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV015124.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 55.805 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

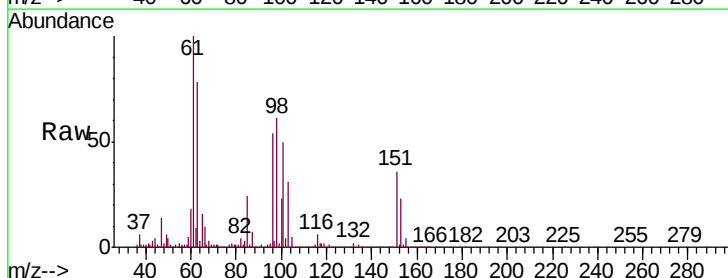
Tgt Ion: 96 Resp: 199924

Ion Ratio Lower Upper

96 100

61 184.4 127.4 236.6

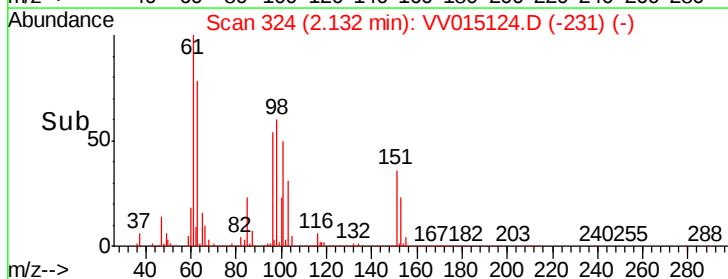
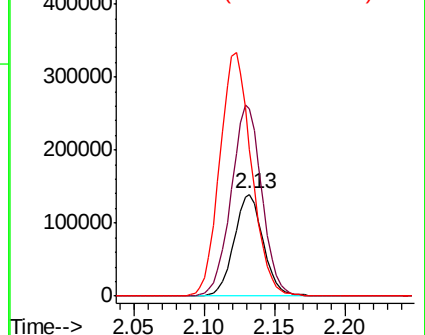
63 144.3 96.6 179.4

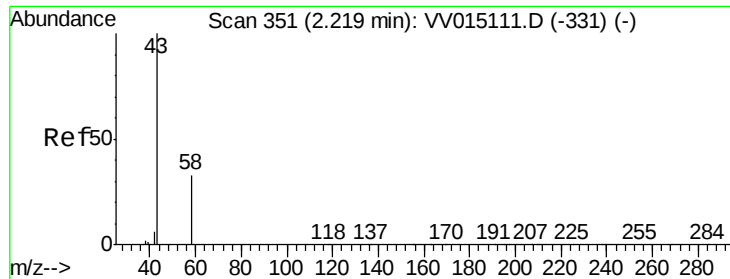


Abundance Ion 96.00 (95.70 to 96.70): VV015124.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV015124.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV015124.D (-231) (-)





#13

Acetone

Concen: 82.459 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

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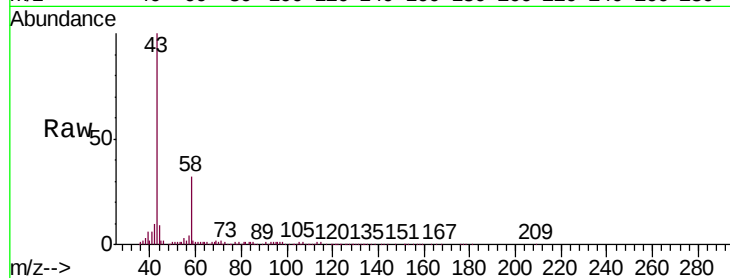
VSTD05071

Tgt Ion: 43 Resp: 214982

Ion Ratio Lower Upper

43 100

58 13.5 0.0 64.2



Abundance Ion 43.00 (42.70 to 43.70): VV015111.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV015111.D (-331) (-)

2.22

60000

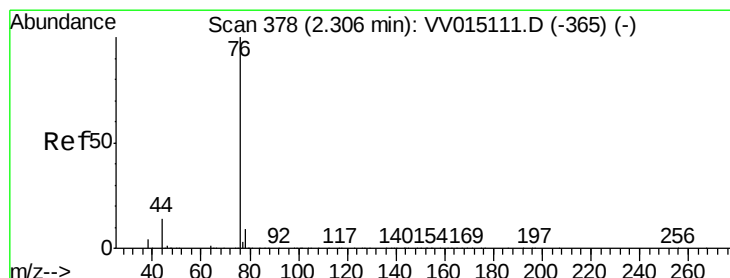
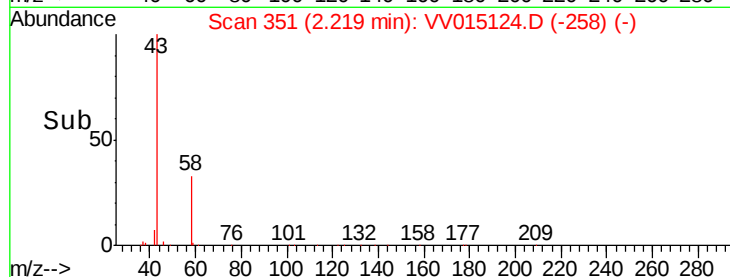
40000

20000

0

Time-->

2.10 2.20 2.30



#14

Carbon disulfide

Concen: 52.496 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015124.D

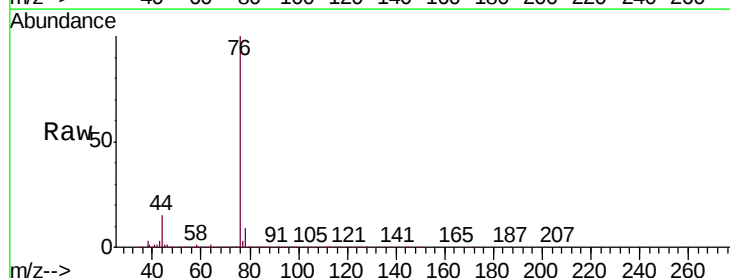
Acq: 24 Mar 2020 17:04

Tgt Ion: 76 Resp: 483145

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV015111.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015111.D (-365) (-)

2.31

300000

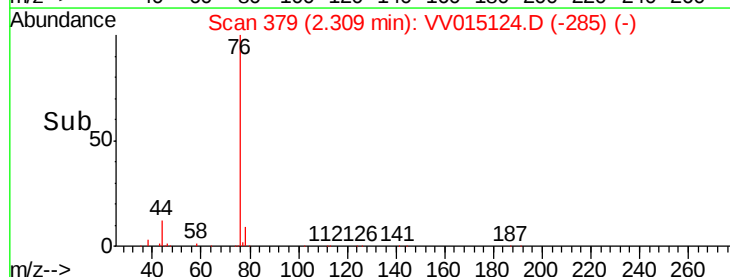
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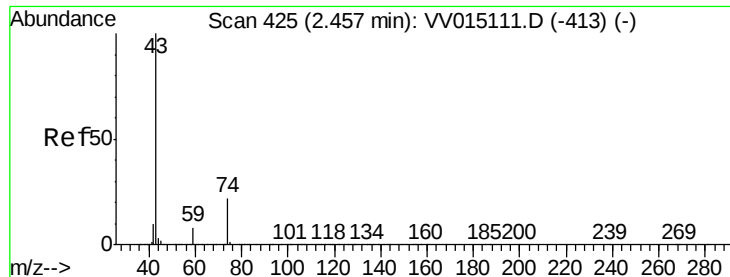
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Time-->

2.25 2.30 2.35 2.40

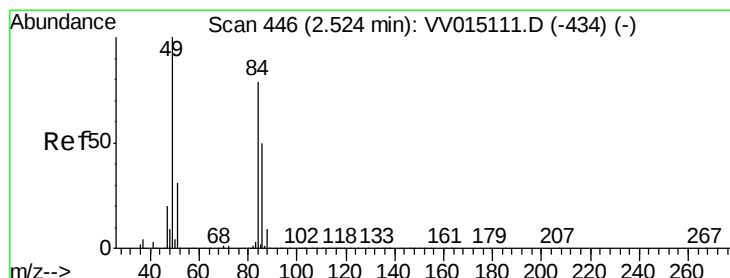
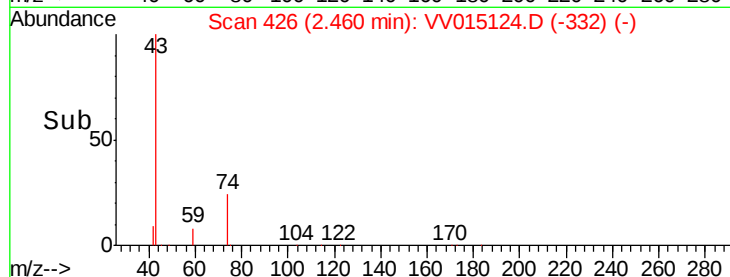
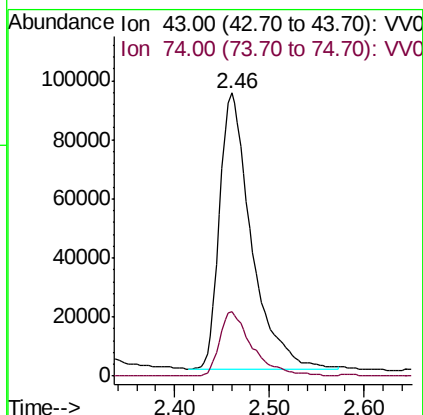
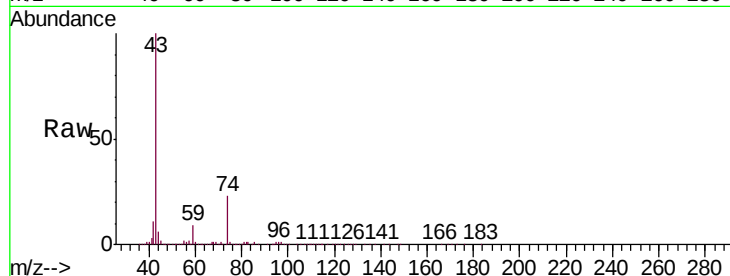




#15
Methyl Acetate
Concen: 47.284 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

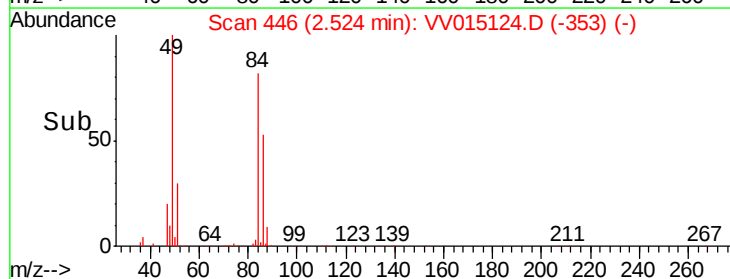
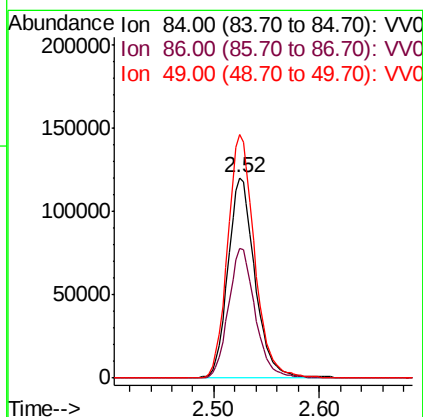
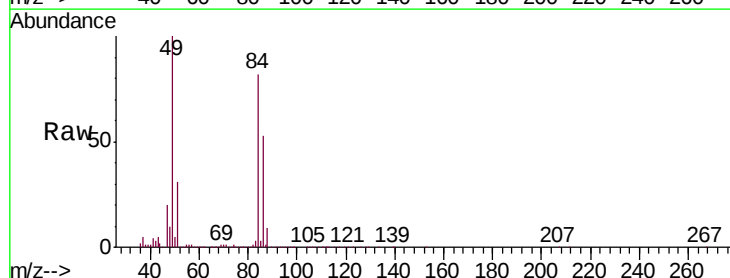
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

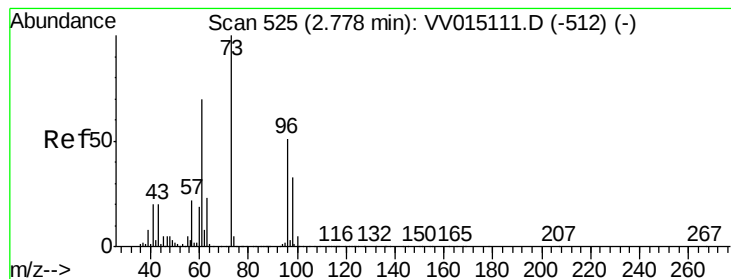
Tgt Ion: 43 Resp: 220328
Ion Ratio Lower Upper
43 100
74 23.5 18.8 28.2



#16
Methylene chloride
Concen: 49.682 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion: 84 Resp: 210624
Ion Ratio Lower Upper
84 100
86 64.8 44.6 82.8
49 121.6 88.4 164.2





#17

trans-1,2-Dichloroethene

Concen: 53.611 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

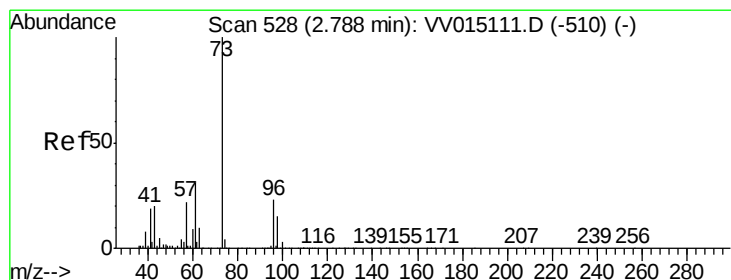
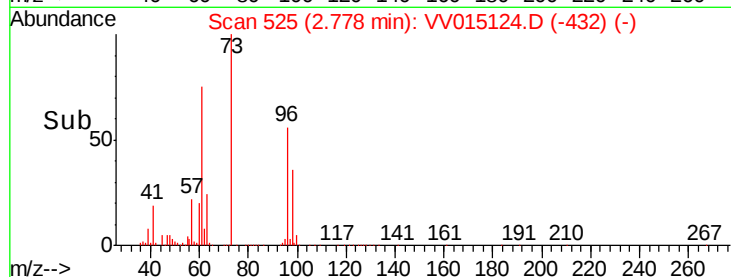
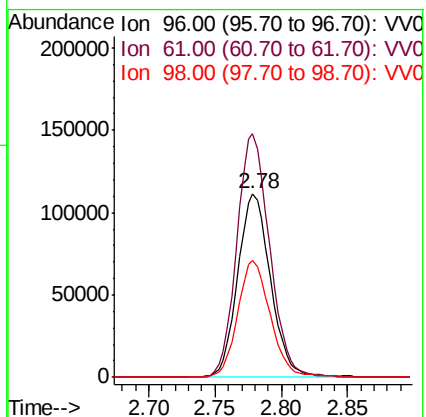
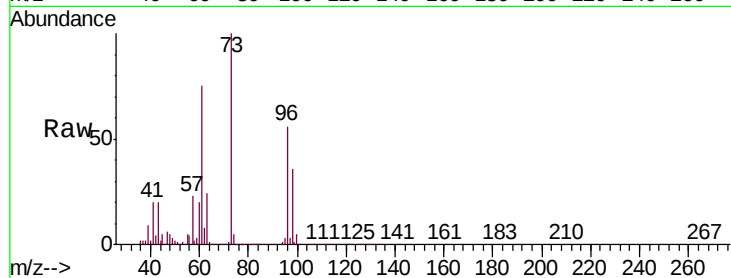
Tgt Ion: 96 Resp: 190780

Ion Ratio Lower Upper

96 100

61 132.5 101.7 188.9

98 64.0 44.5 82.7



#18

Methyl tert-butyl Ether

Concen: 48.938 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

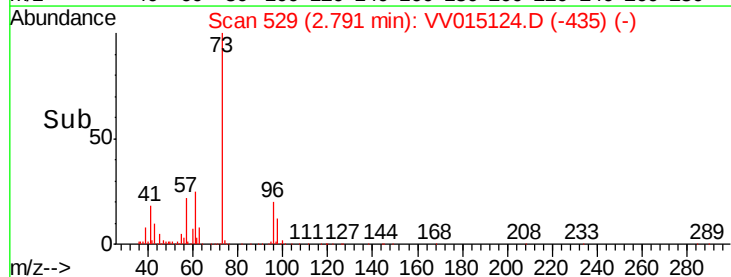
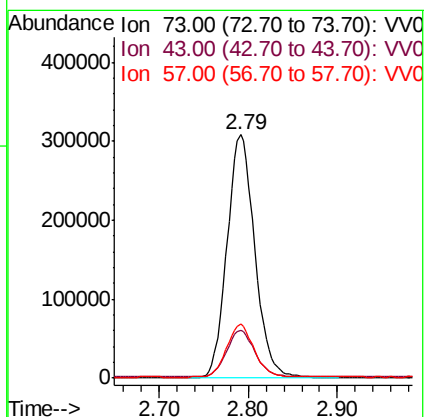
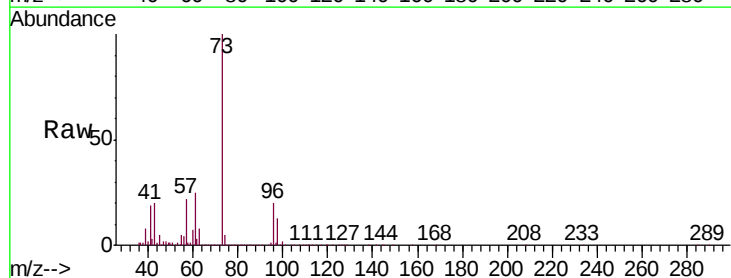
Tgt Ion: 73 Resp: 665007

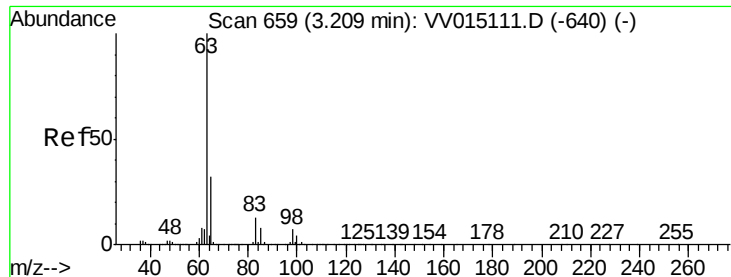
Ion Ratio Lower Upper

73 100

43 19.3 16.7 25.1

57 21.2 17.8 26.8

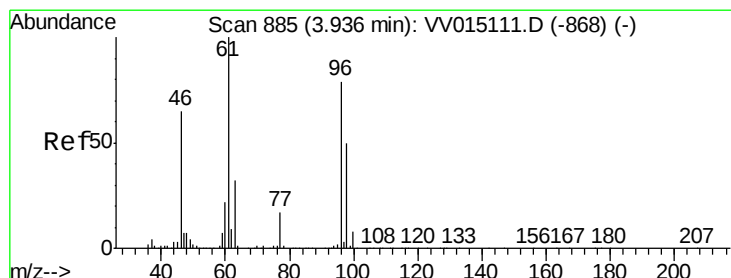
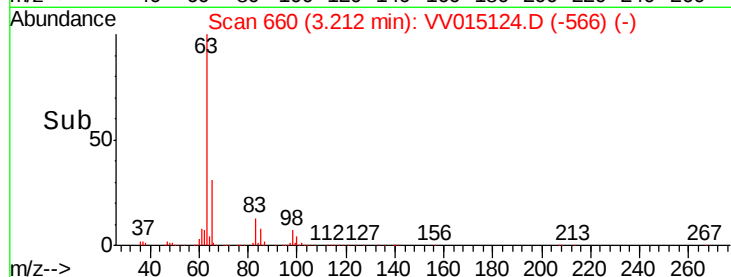
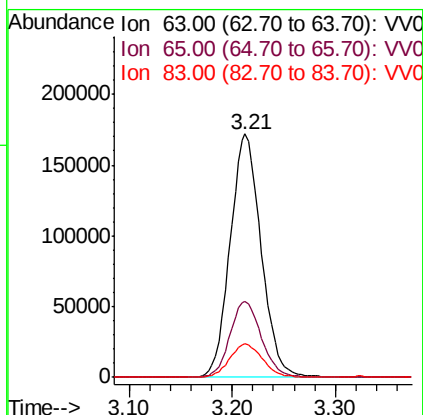
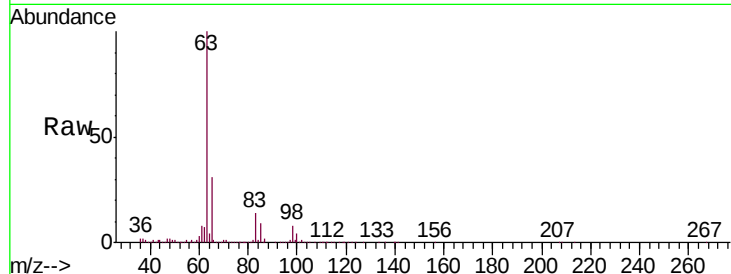




#19
 1,1-Dichloroethane
 Concen: 49.522 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

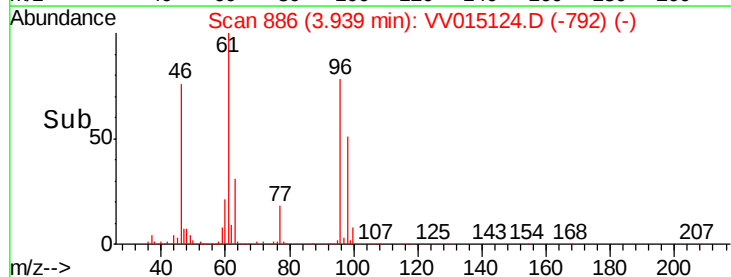
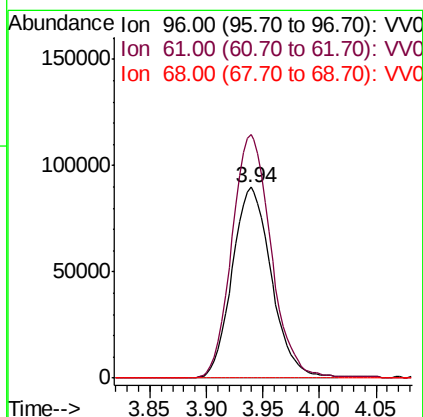
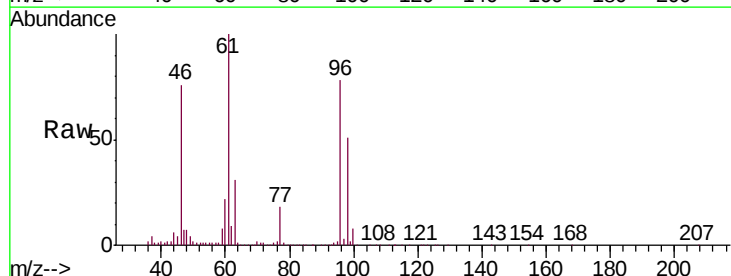
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

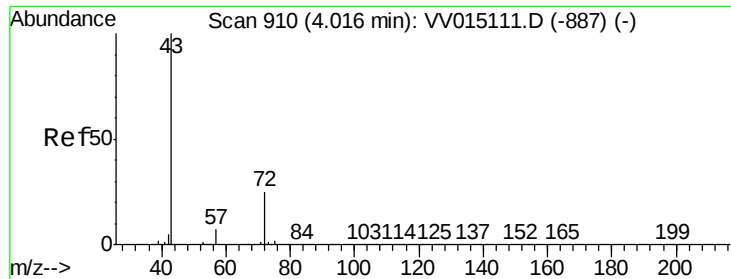
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.4	41.6
83	13.8	9.3	17.3



#20
 cis-1,2-Dichloroethene
 Concen: 51.350 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.6	90.2	167.4
68	0.3	0.3	0.7#





#22

2-Butanone

Concen: 86.973 ug/L

RT: 4.02 min Scan# 910

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

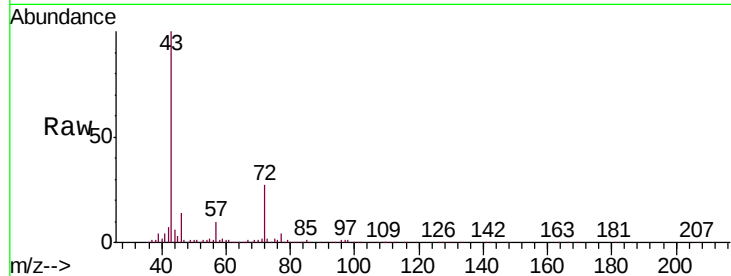
VSTD05071

Tgt Ion: 43 Resp: 316305

Ion Ratio Lower Upper

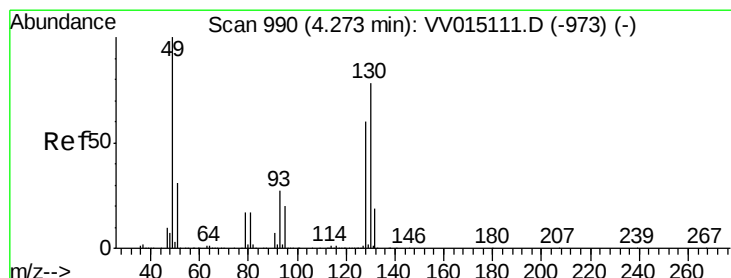
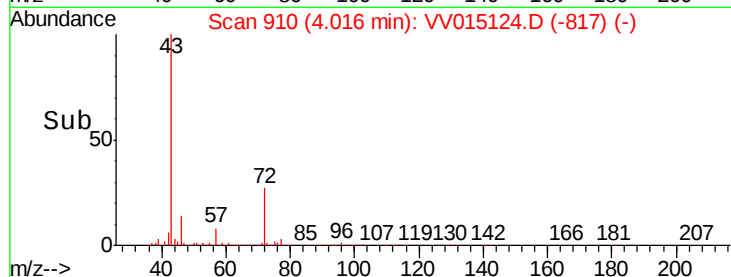
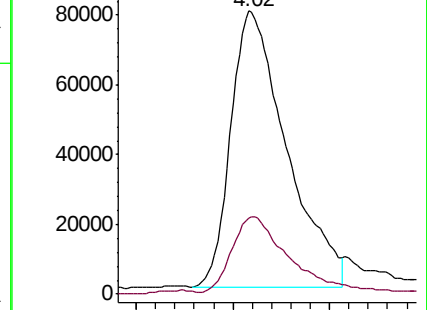
43 100

72 27.5 11.6 34.8



Abundance Ion 43.00 (42.70 to 43.70): VV015111.D (-887) (-)

Ion 72.00 (71.70 to 72.70): VV015111.D (-887) (-)



#23

Bromochloromethane

Concen: 50.833 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Tgt Ion: 128 Resp: 106112

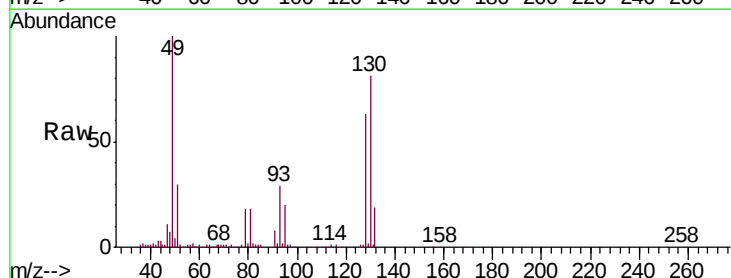
Ion Ratio Lower Upper

128 100

49 158.2 122.4 227.2

130 128.6 90.5 168.1

51 47.9 42.9 64.3

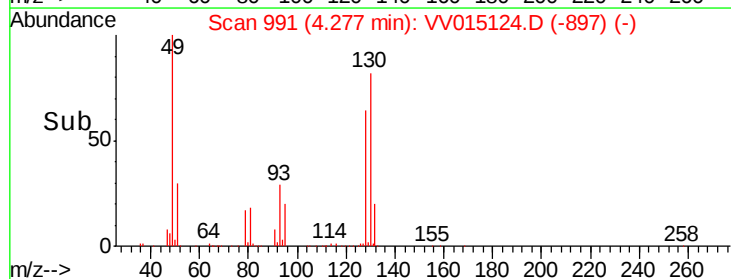
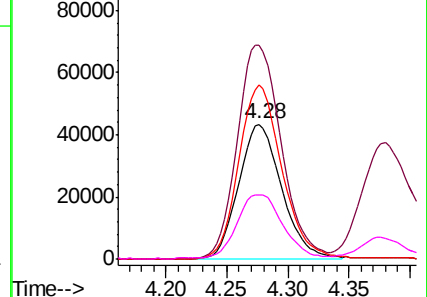


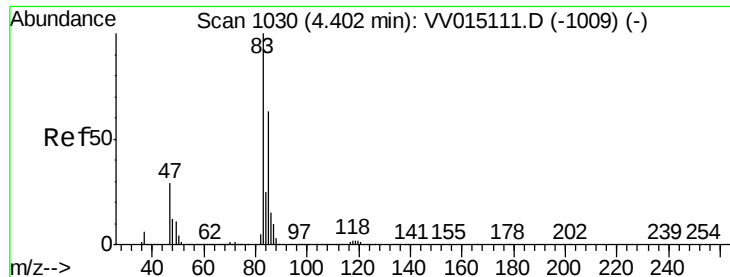
Abundance Ion 128.00 (127.70 to 128.70): VV015111.D (-973) (-)

Ion 49.00 (48.70 to 49.70): VV015111.D (-973) (-)

Ion 130.00 (129.70 to 130.70): VV015111.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VV015111.D (-973) (-)

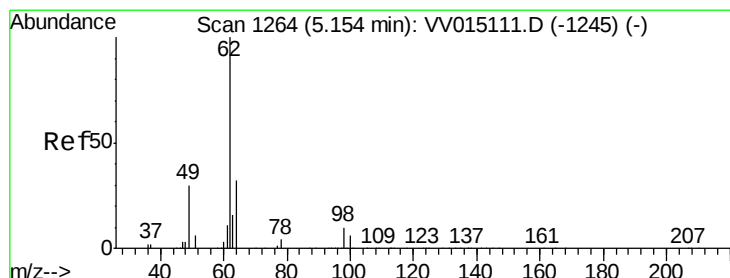
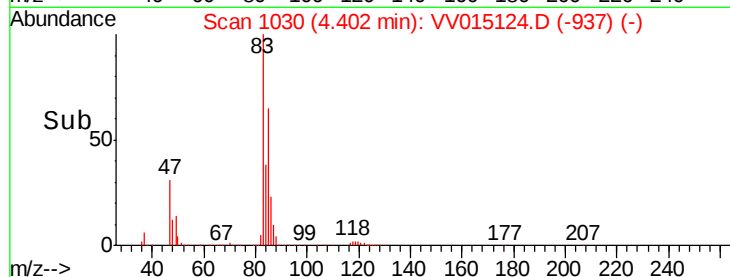
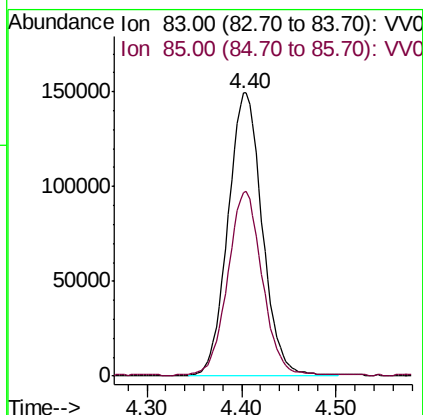
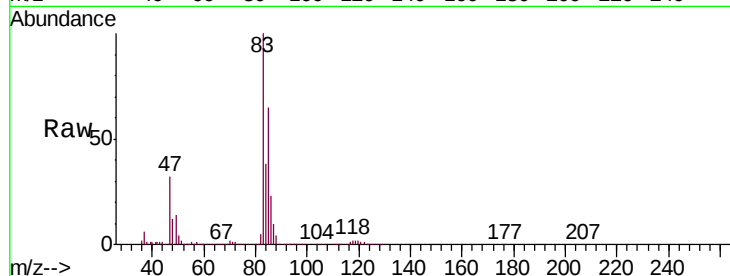




#25
Chloroform
Concen: 52.113 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

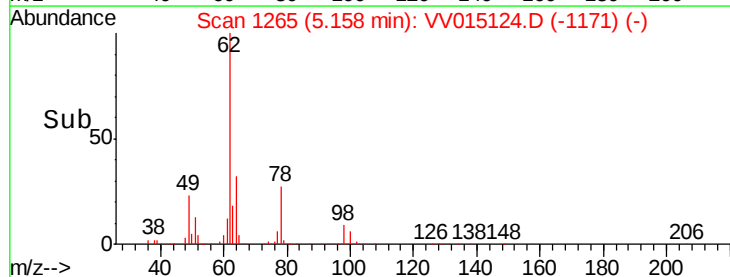
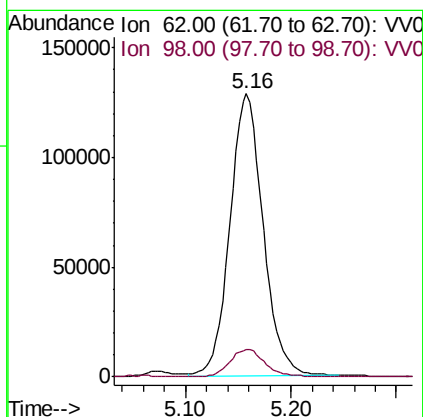
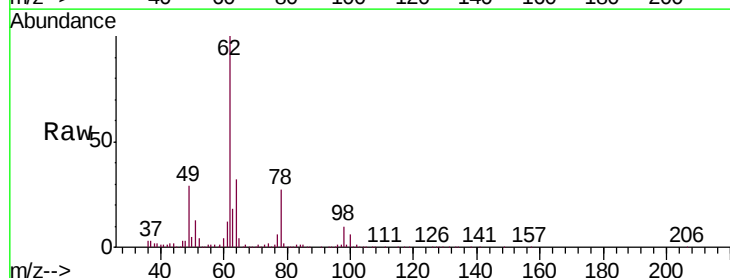
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

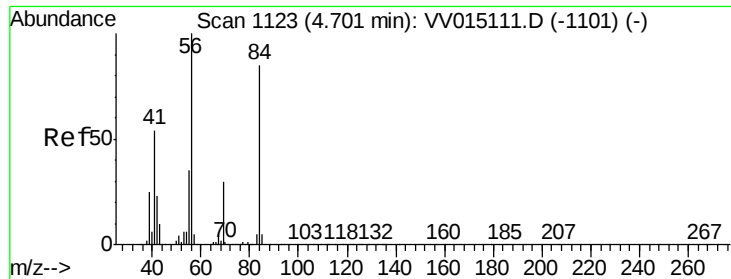
Tgt Ion: 83 Resp: 377127
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 48.715 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion: 62 Resp: 280775
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0

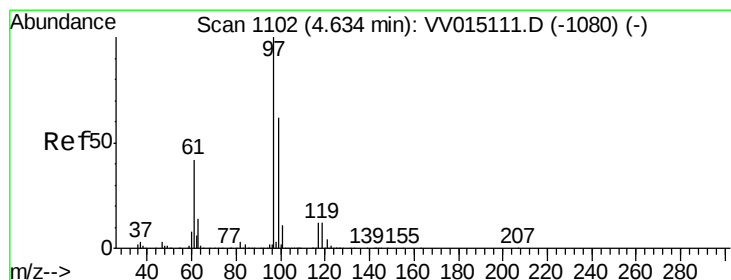
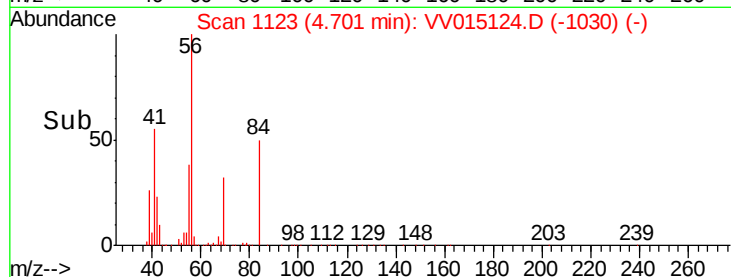
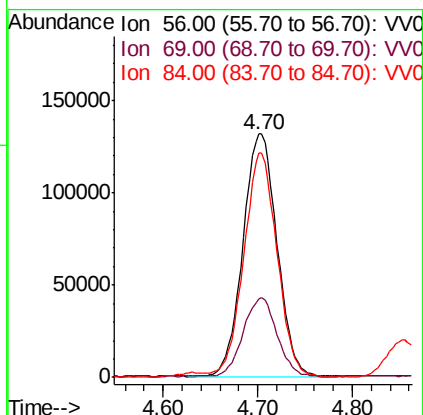
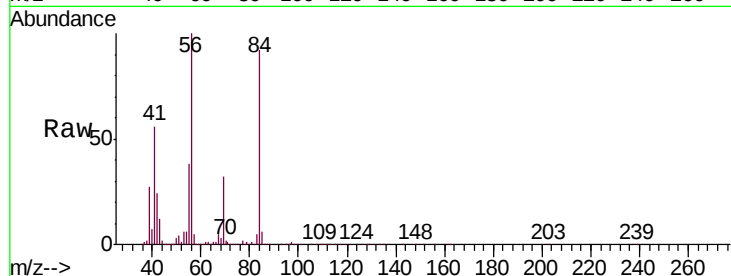




#29
Cyclohexane
Concen: 55.304 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

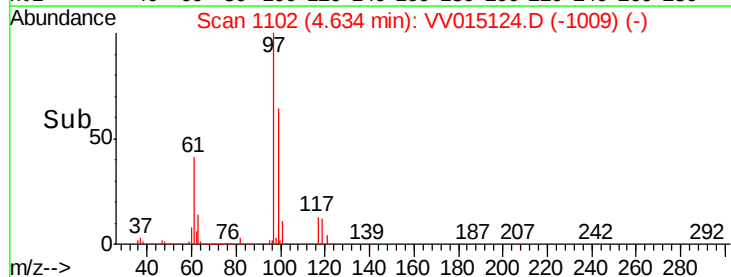
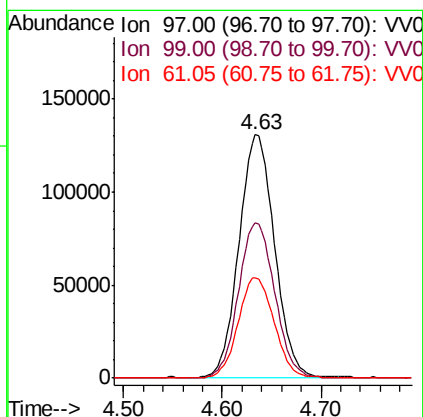
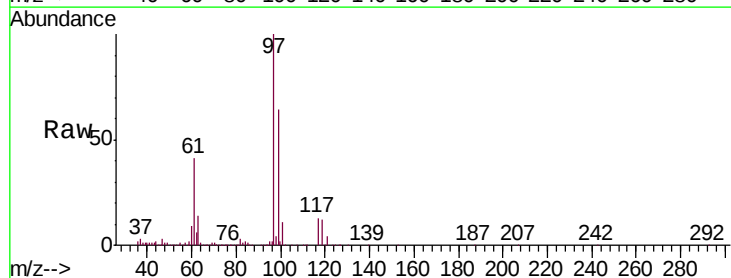
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

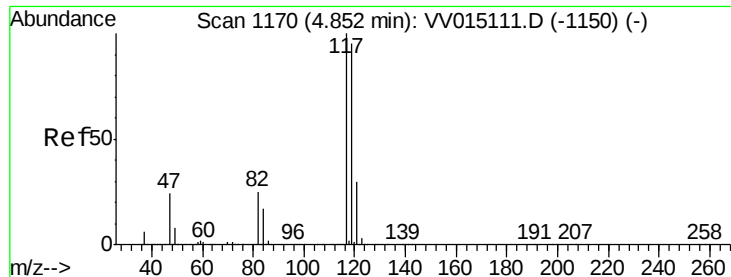
Tgt Ion: 56 Resp: 328824
Ion Ratio Lower Upper
56 100
69 32.0 24.8 37.2
84 90.0 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 51.856 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion: 97 Resp: 324358
Ion Ratio Lower Upper
97 100
99 65.2 52.4 78.6
61 42.0 35.3 52.9

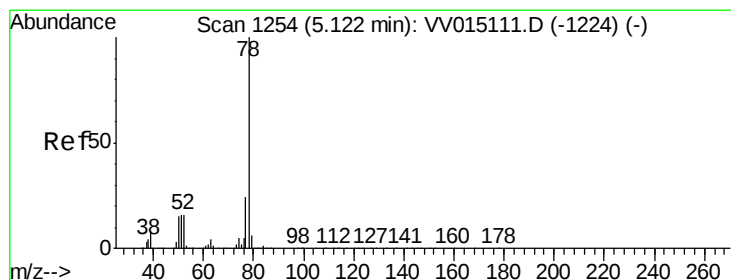
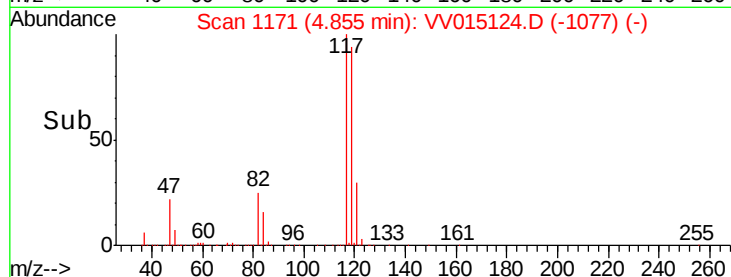
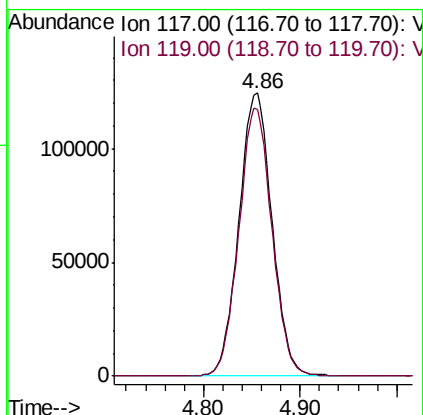
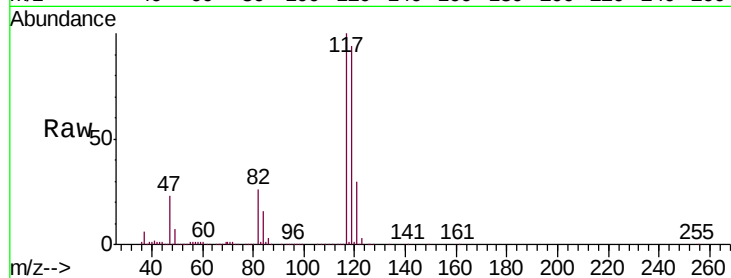




#31
Carbon tetrachloride
Concen: 56.225 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

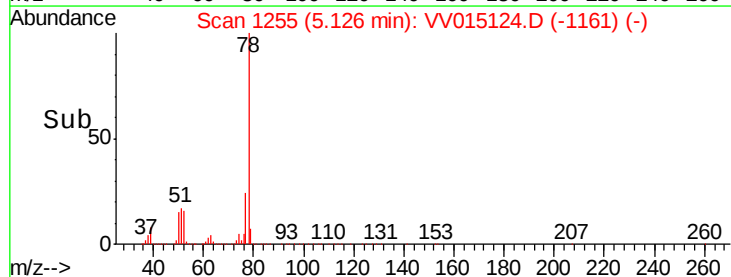
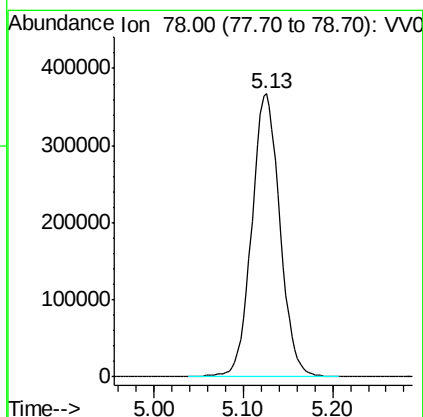
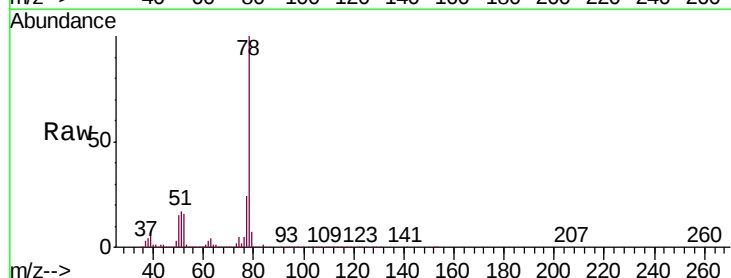
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

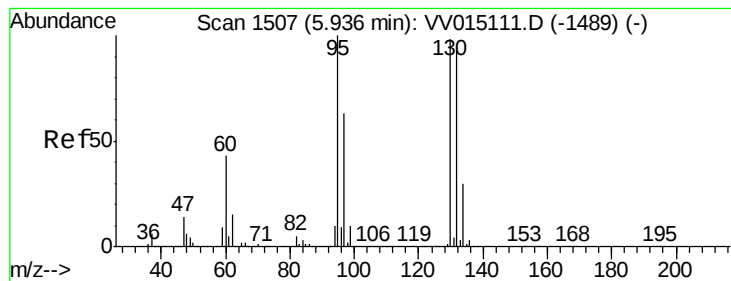
Tgt Ion:117 Resp: 296502
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1



#33
Benzene
Concen: 49.583 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion: 78 Resp: 804226





#34

Trichloroethene

Concen: 53.501 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

Tgt Ion: 95 Resp: 209049

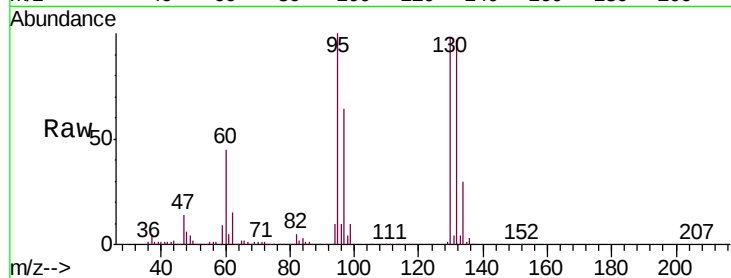
Ion Ratio Lower Upper

95 100

97 64.3 45.0 83.6

132 97.4 66.4 123.2

130 98.0 69.8 129.6

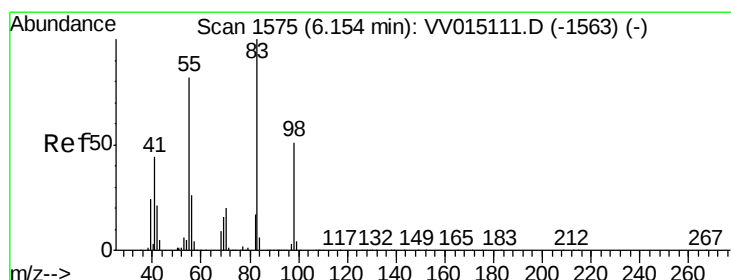
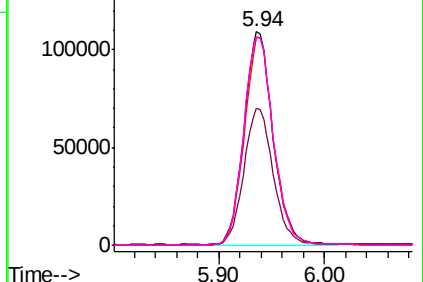
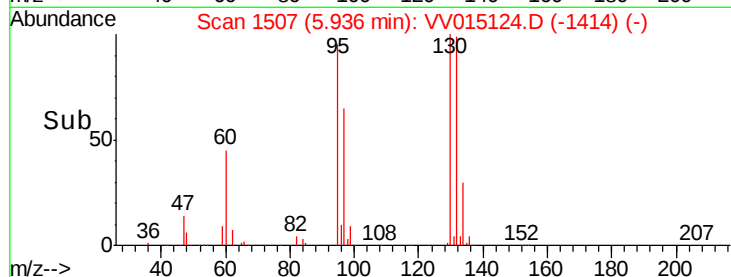


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 61.814 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

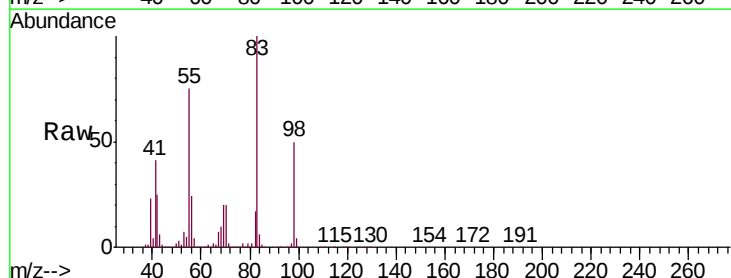
Tgt Ion: 83 Resp: 356440

Ion Ratio Lower Upper

83 100

55 75.5 61.8 92.8

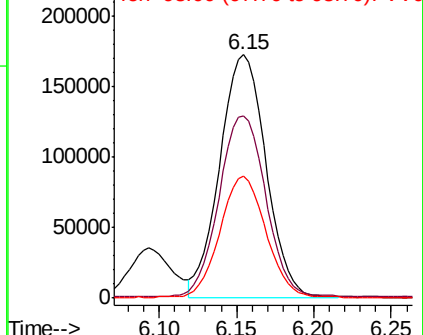
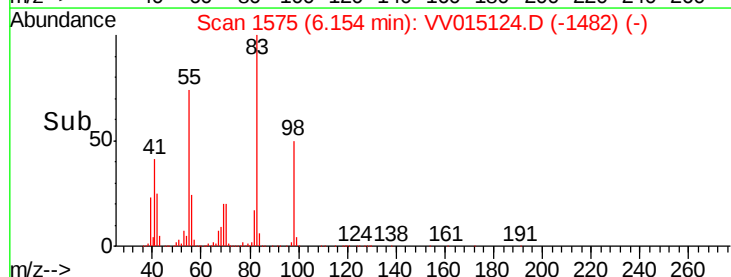
98 49.9 38.1 57.1

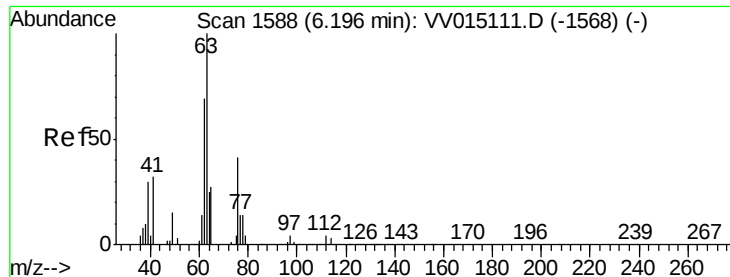


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 47.772 ug/L

RT: 6.20 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

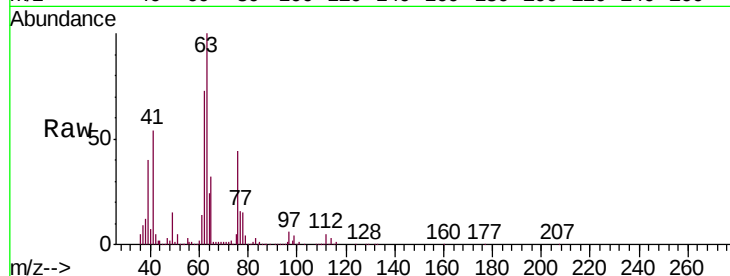
VSTD05071

Tgt Ion: 63 Resp: 208761

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

120000

100000

80000

60000

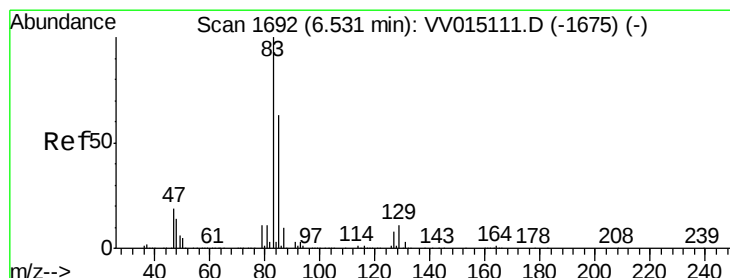
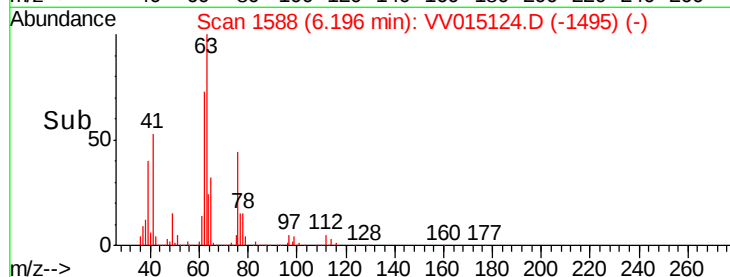
40000

20000

0

6.10 6.20 6.30

Time-->



#38

Bromodichloromethane

Concen: 49.043 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

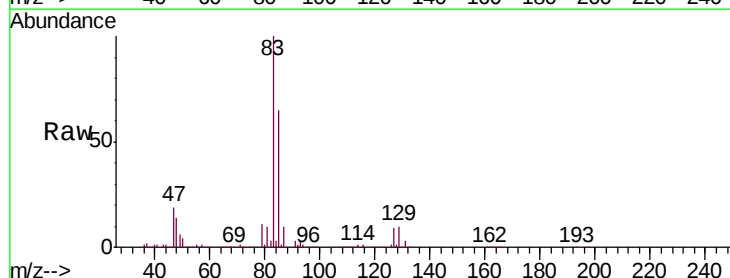
Tgt Ion: 83 Resp: 294969

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.8

127 8.6 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

200000

150000

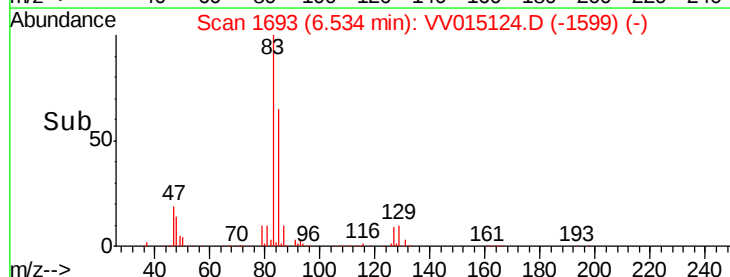
100000

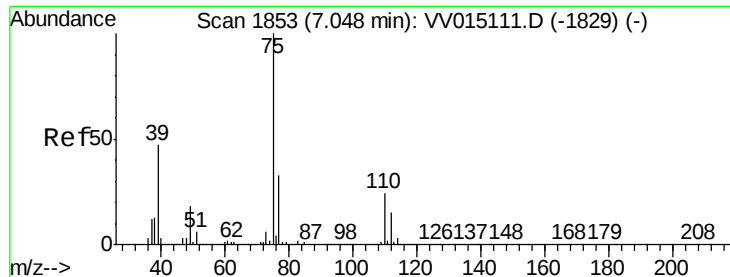
50000

0

6.45 6.50 6.55 6.60

Time-->



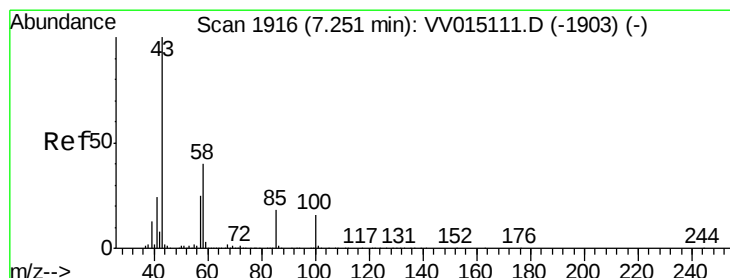
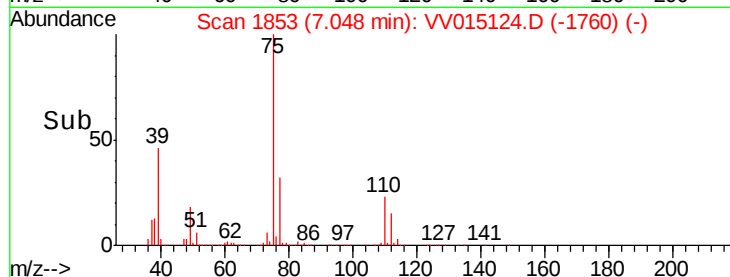
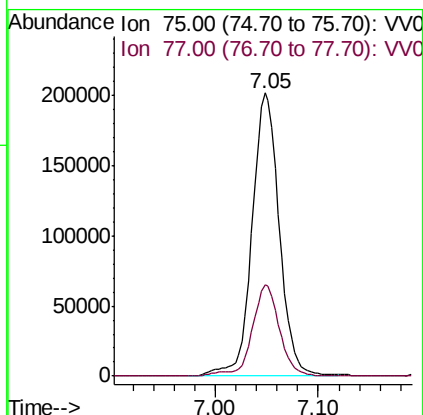
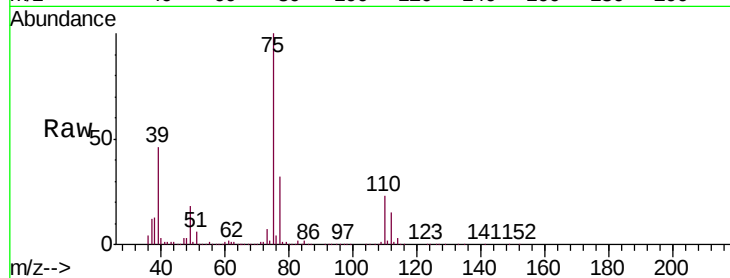


#39

cis-1,3-Dichloropropene
Concen: 51.595 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

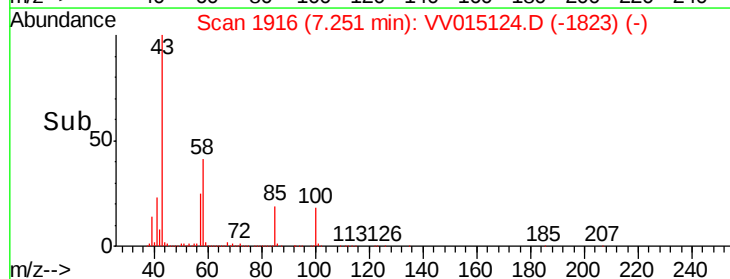
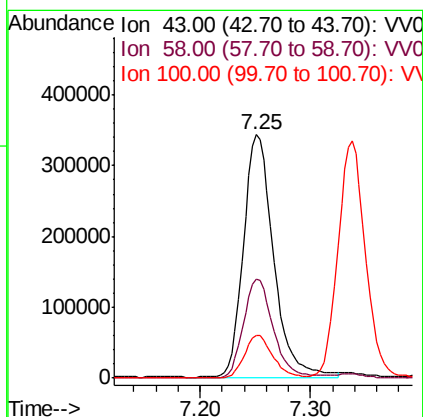
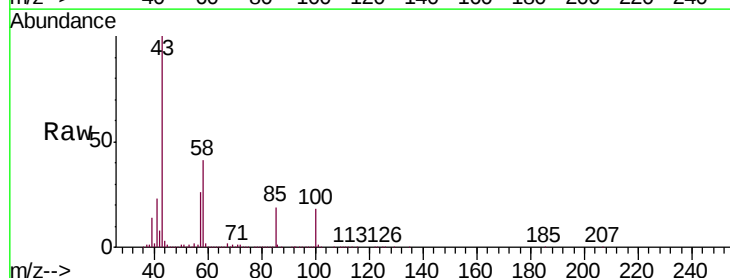
Tgt Ion: 75 Resp: 368526
Ion Ratio Lower Upper
75 100
77 32.4 22.3 41.5

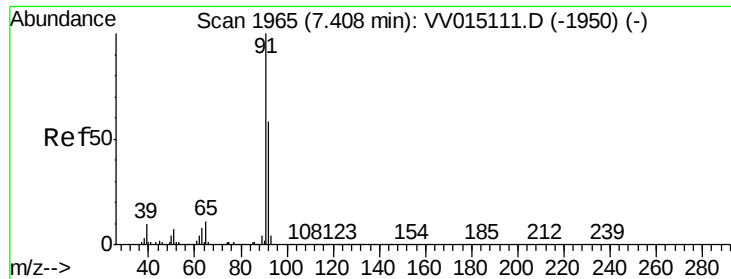


#40

4-Methyl-2-pentanone
Concen: 89.516 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion: 43 Resp: 647359
Ion Ratio Lower Upper
43 100
58 40.5 31.8 47.8
100 16.9 12.2 18.4





#42

Toluene

Concen: 52.524 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

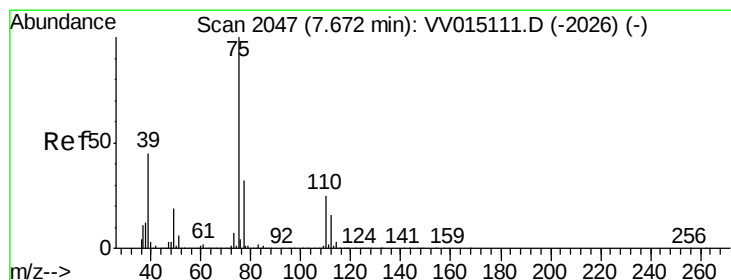
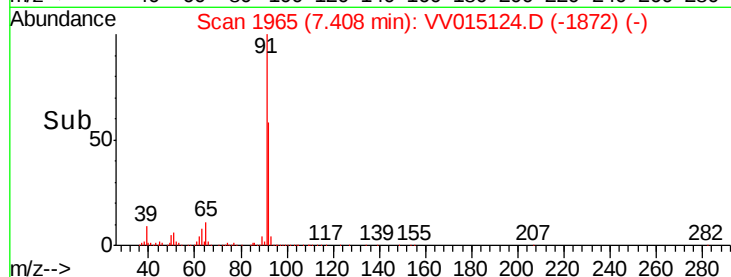
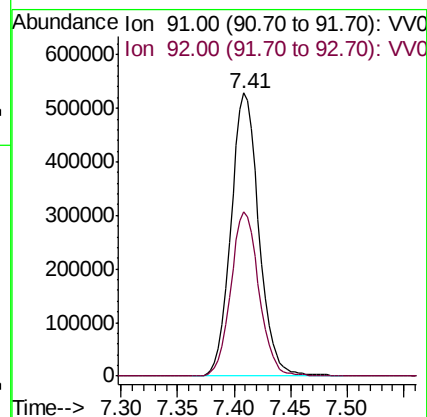
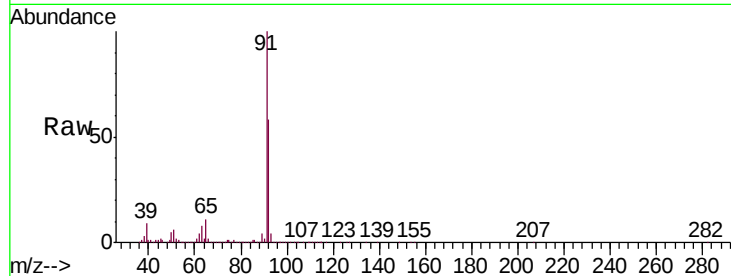
VSTD05071

Tgt Ion: 91 Resp: 907571

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.398 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015124.D

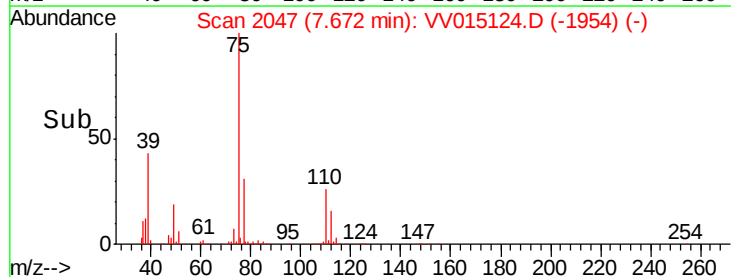
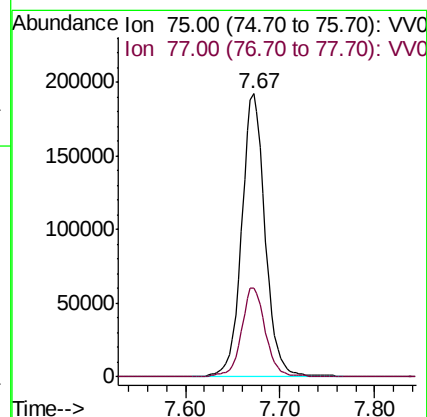
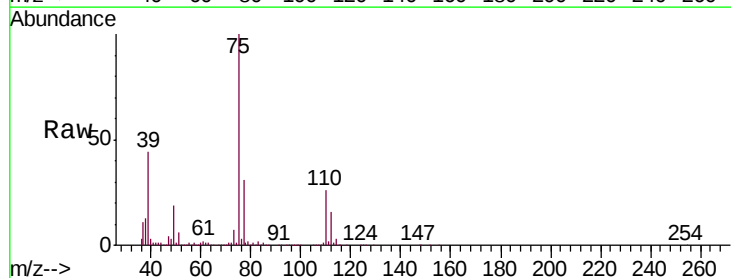
Acq: 24 Mar 2020 17:04

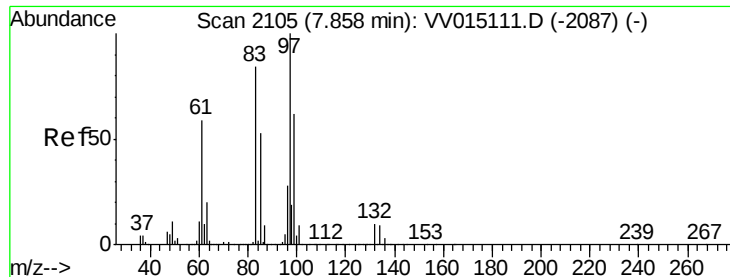
Tgt Ion: 75 Resp: 331263

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2

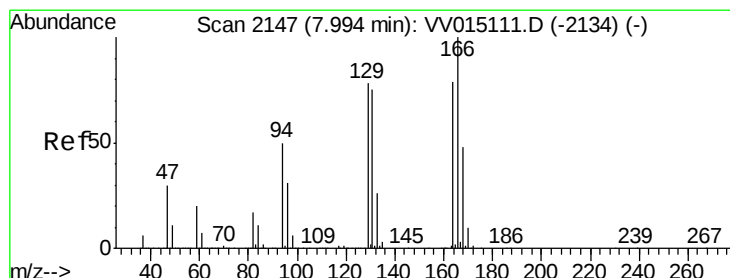
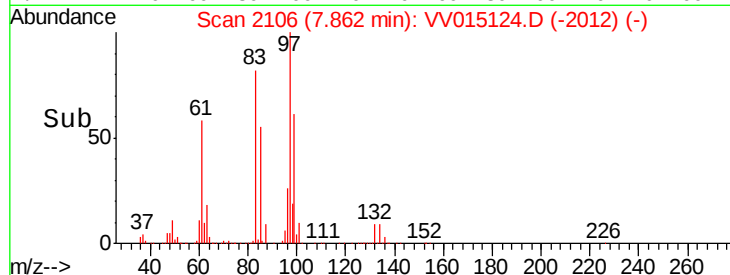
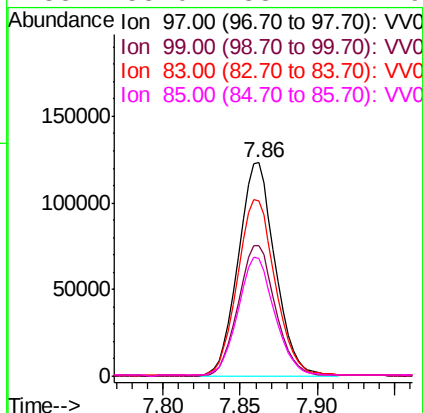
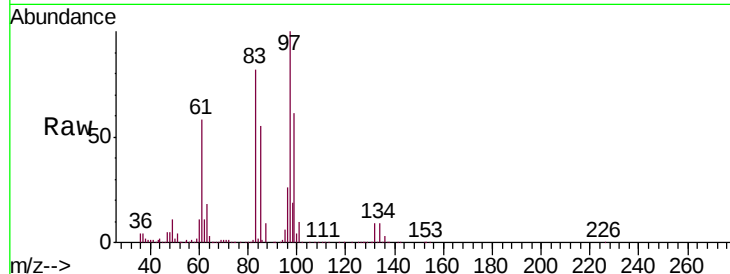




#45
 1,1,2-Trichloroethane
 Concen: 48.743 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

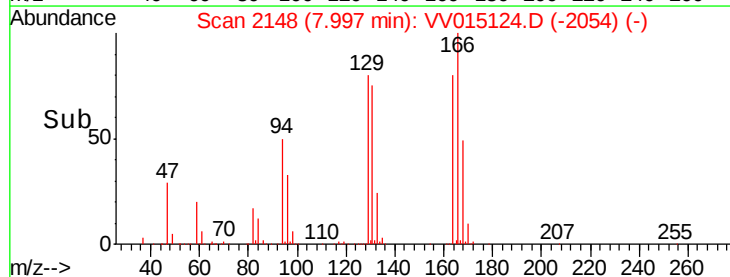
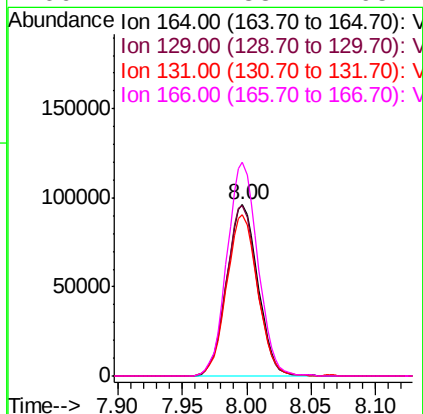
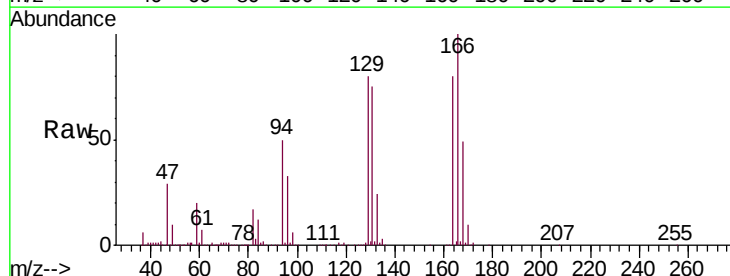
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

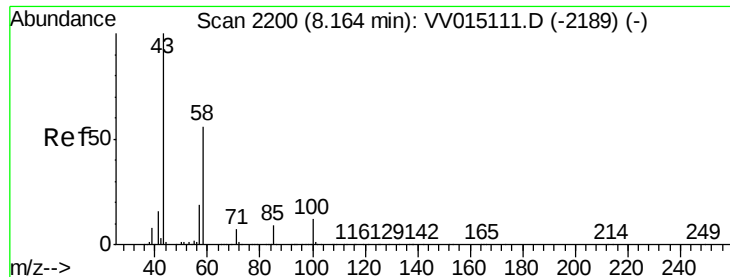
Tgt Ion:	97	Resp:	203221
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.3
83	82.4	61.0	113.4
85	55.0	38.7	71.9



#46
 Tetrachloroethene
 Concen: 59.308 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

Tgt Ion:	164	Resp:	161552
Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.3	126.8
131	93.8	67.3	125.1
166	124.7	88.1	163.7

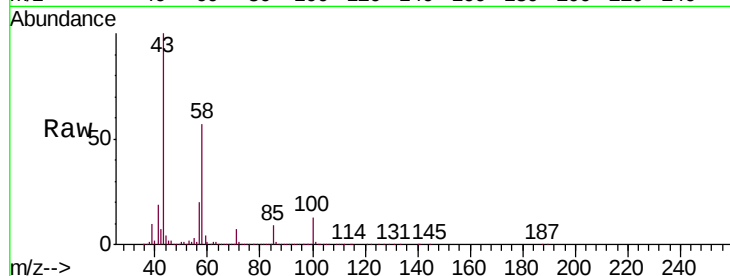




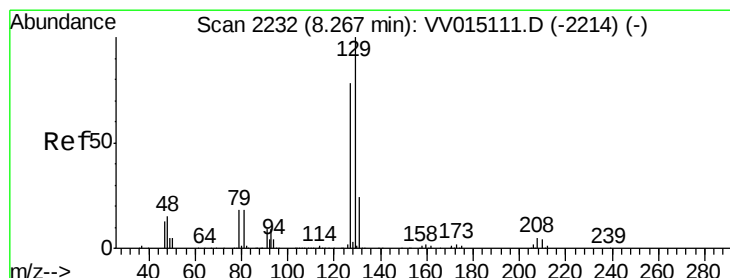
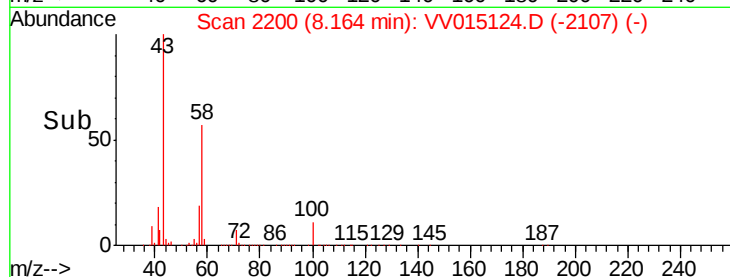
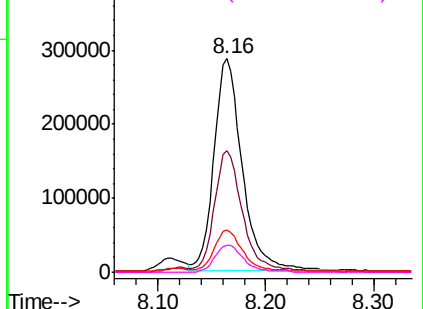
#48
2-Hexanone
Concen: 93.118 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion:	43	Resp:	518179
Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.2	66.2
57	19.5	14.0	21.0
100	13.3	9.6	14.4

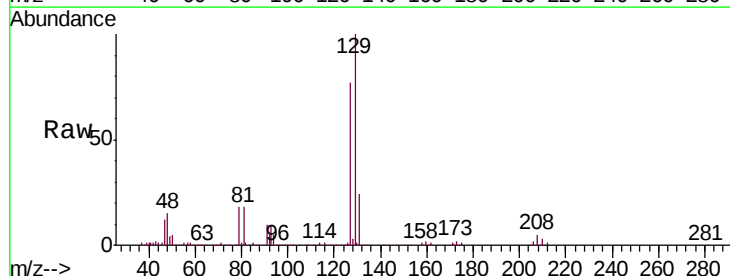


Abundance Ion 43.00 (42.70 to 43.70): VV015124.D (-2107) (-)
Ion 58.00 (57.70 to 58.70): VV015124.D (-2107) (-)
Ion 57.00 (56.70 to 57.70): VV015124.D (-2107) (-)
Ion 100.00 (99.70 to 100.70): VV015124.D (-2107) (-)

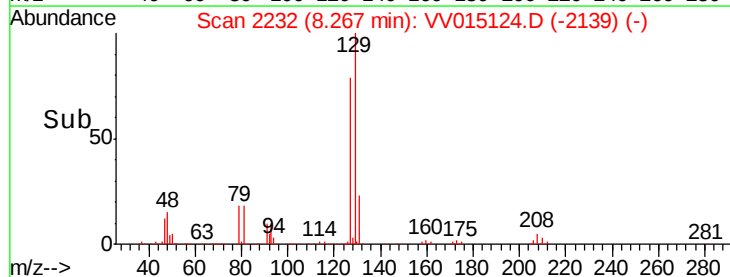
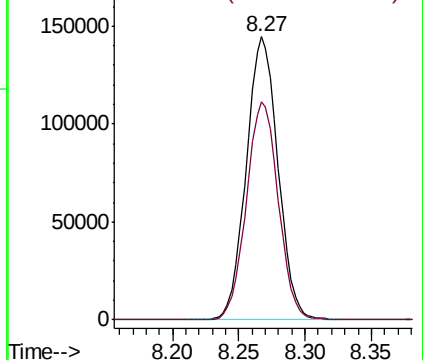


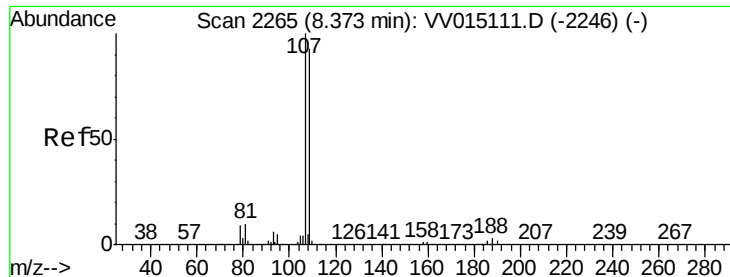
#49
Dibromochloromethane
Concen: 49.912 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Tgt Ion:	129	Resp:	240226
Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.2	102.6



Abundance Ion 129.00 (128.70 to 129.70): VV015124.D (-2139) (-)
Ion 127.00 (126.70 to 127.70): VV015124.D (-2139) (-)

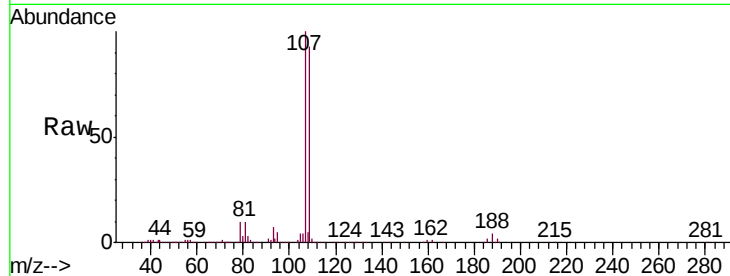




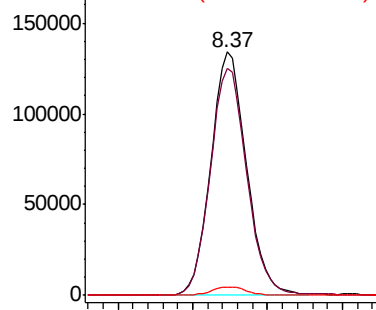
#50
1,2-Dibromoethane
Concen: 48.408 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

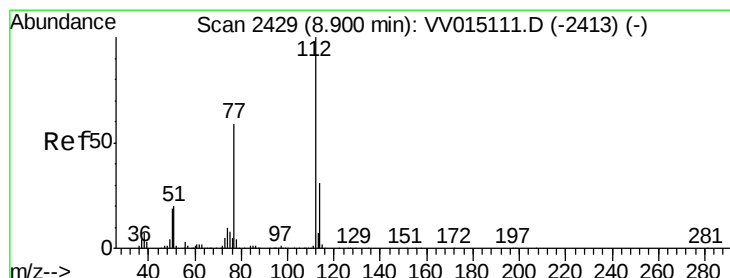
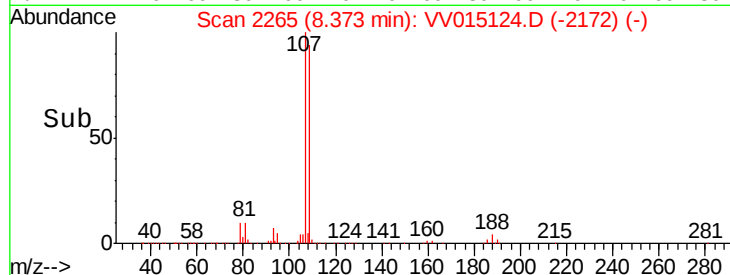
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.4	65.9	122.5
188	3.5	2.4	3.6



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

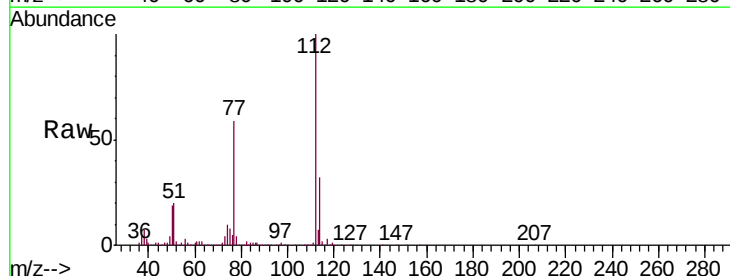


Time-->

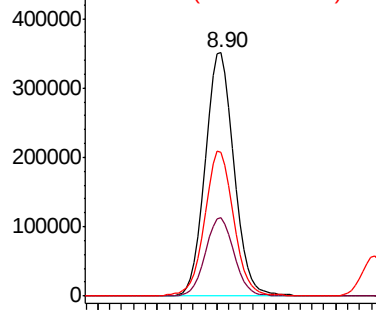


#51
Chlorobenzene
Concen: 53.067 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015124.D
Acq: 24 Mar 2020 17:04

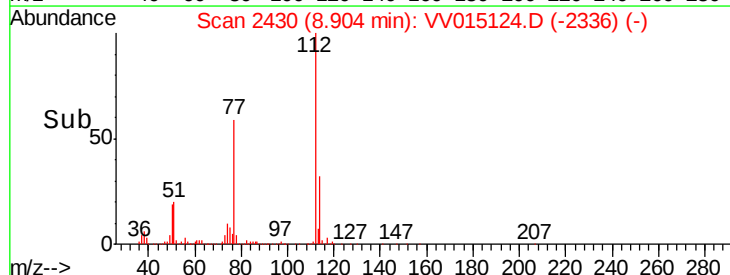
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	59.1	48.1	72.1

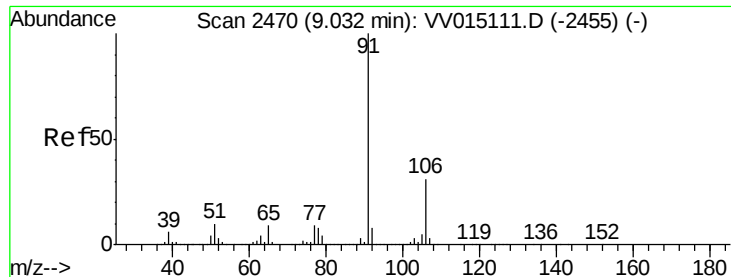


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V



Time-->





#52

Ethylbenzene

Concen: 55.062 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

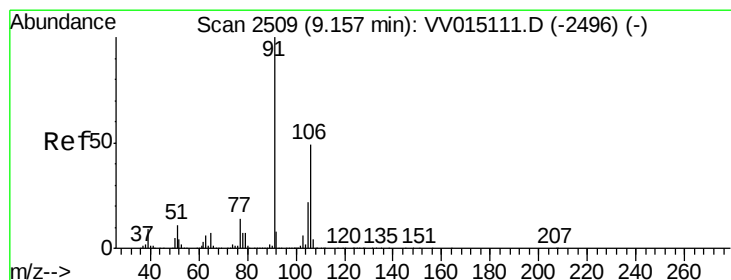
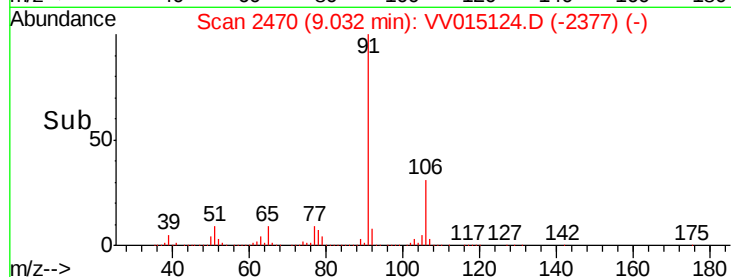
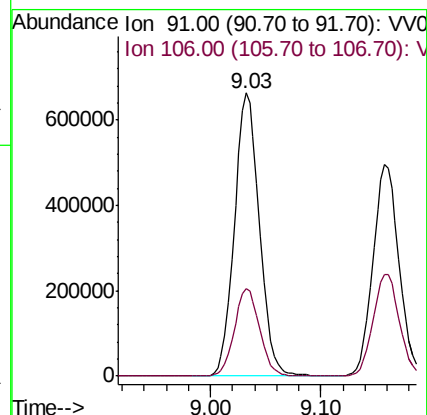
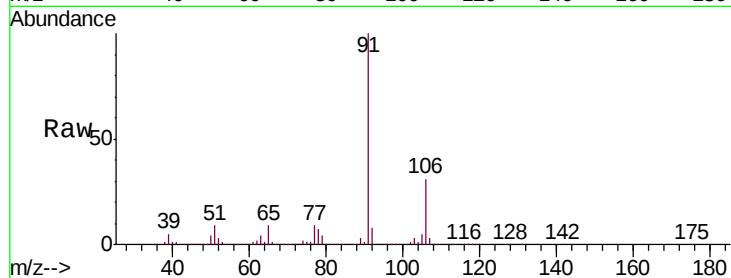
VSTD05071

Tgt Ion: 91 Resp: 1037674

Ion Ratio Lower Upper

91 100

106 31.0 21.9 40.7



#53

m,p-Xylene

Concen: 55.841 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV015124.D

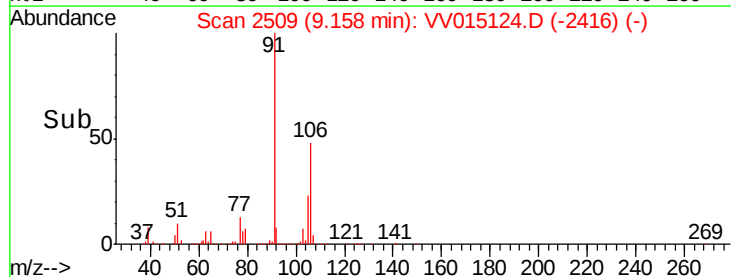
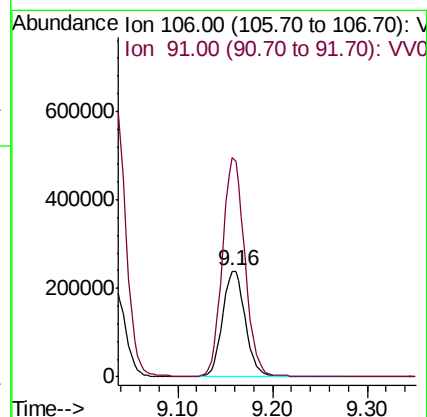
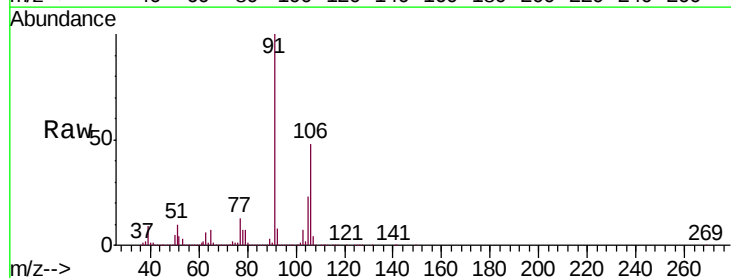
Acq: 24 Mar 2020 17:04

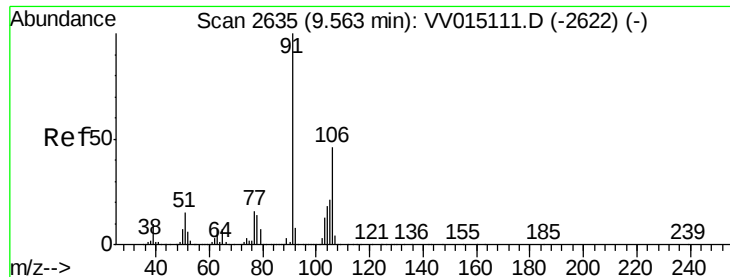
Tgt Ion: 106 Resp: 398341

Ion Ratio Lower Upper

106 100

91 207.1 143.9 267.2





#54

o-xylene

Concen: 53.674 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

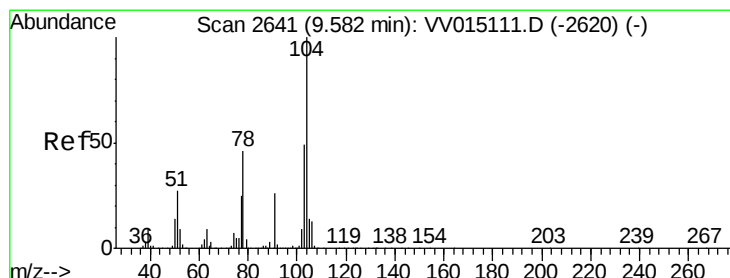
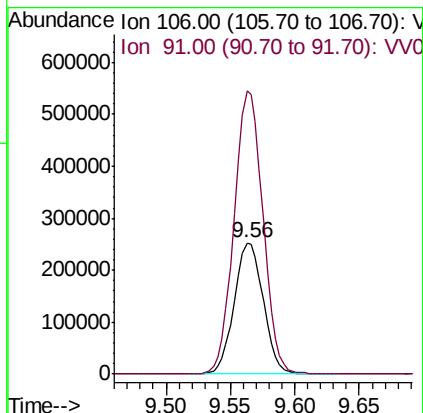
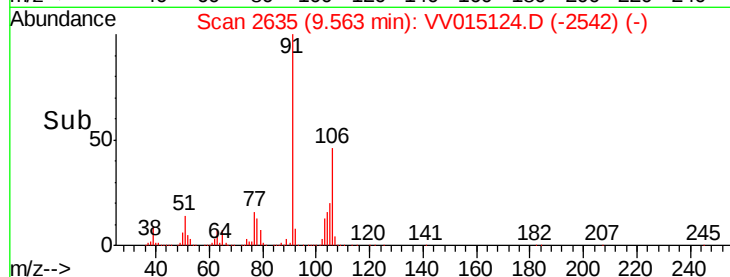
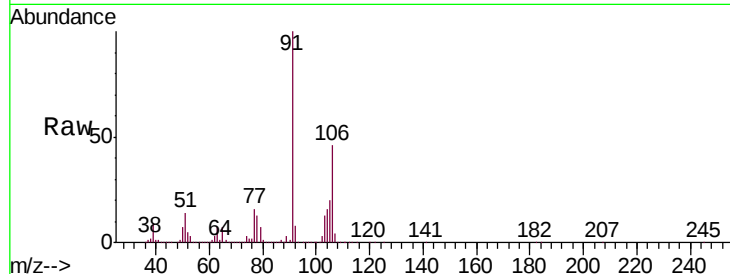
VSTD05071

Tgt Ion:106 Resp: 395547

Ion Ratio Lower Upper

106 100

91 215.2 151.1 280.7



#55

Styrene

Concen: 53.450 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV015124.D

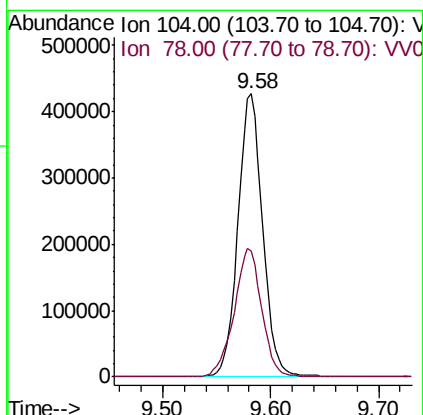
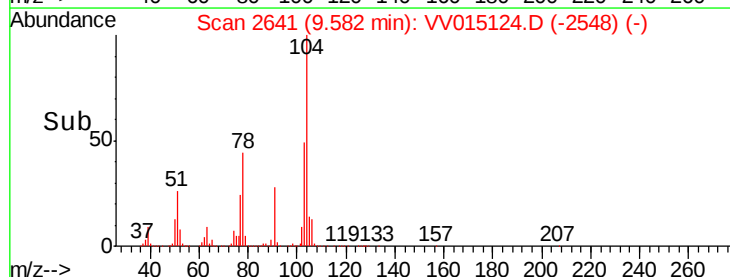
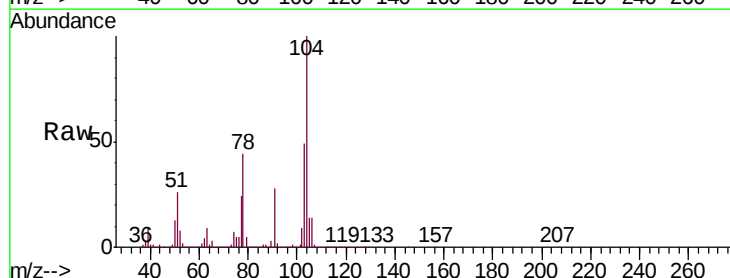
Acq: 24 Mar 2020 17:04

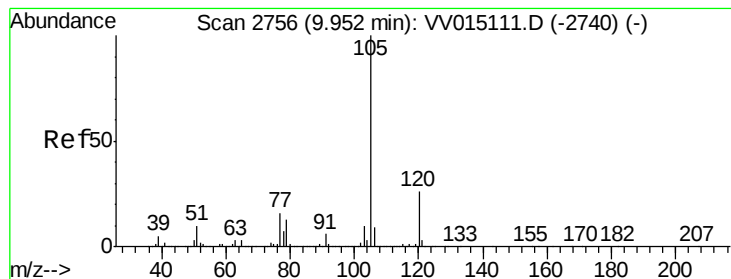
Tgt Ion:104 Resp: 681213

Ion Ratio Lower Upper

104 100

78 44.4 31.8 59.0





#56

Isopropylbenzene

Concen: 56.960 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

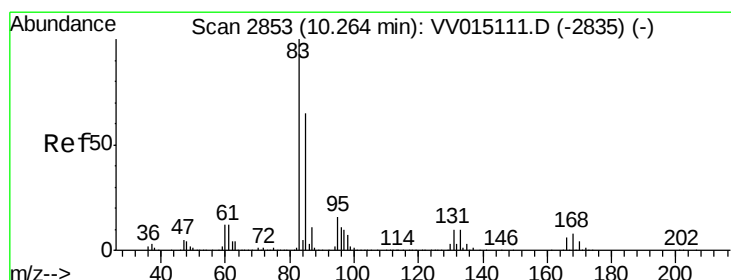
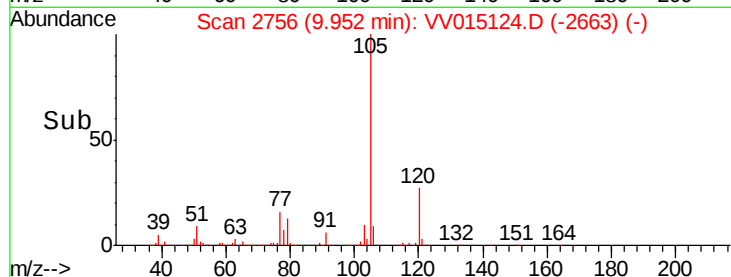
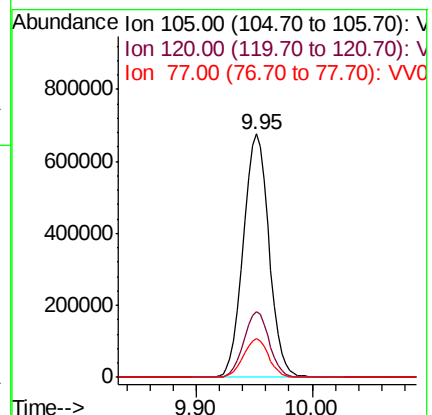
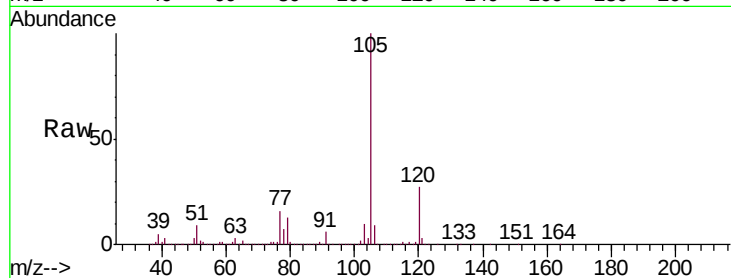
Tgt Ion: 105 Resp: 1036056

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.6 12.8 19.2



#58

1,1,2,2-Tetrachloroethane

Concen: 48.643 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

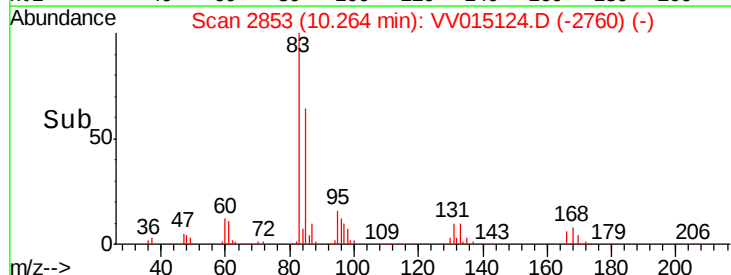
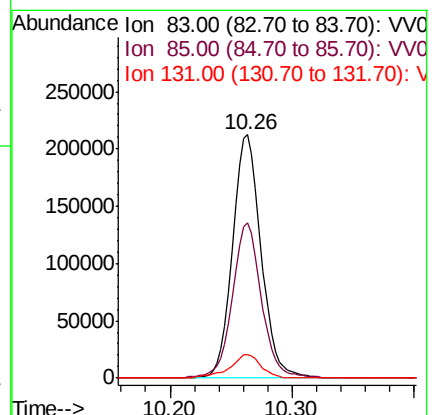
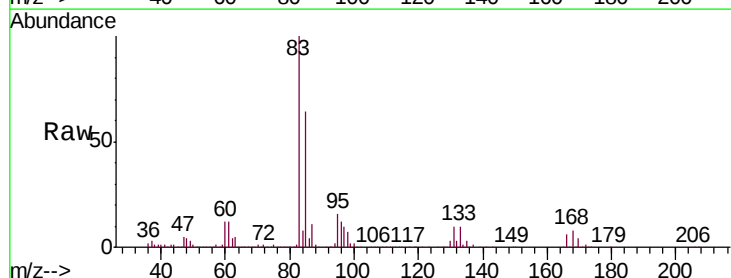
Tgt Ion: 83 Resp: 348717

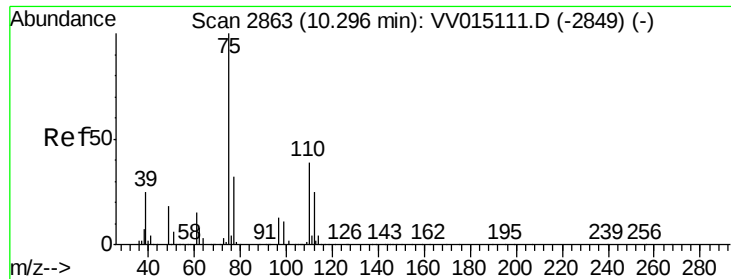
Ion Ratio Lower Upper

83 100

85 64.0 45.0 83.6

131 9.8 7.8 11.8





#59

1,2,3-Trichloropropane

Concen: 47.556 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

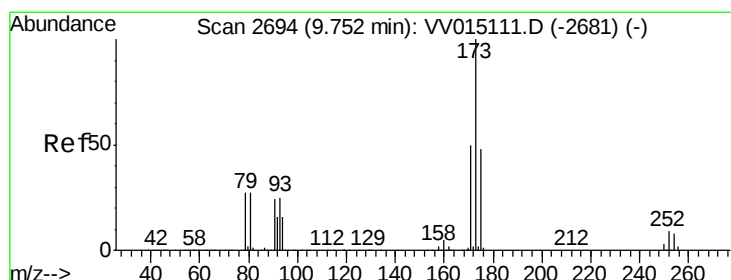
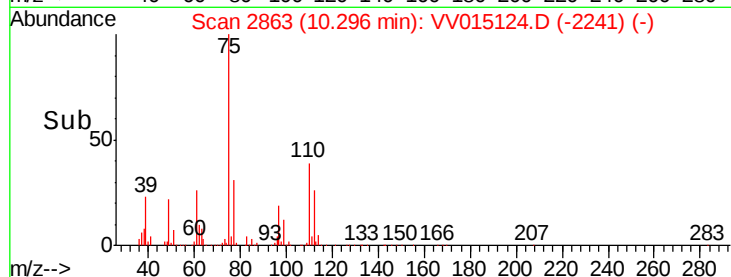
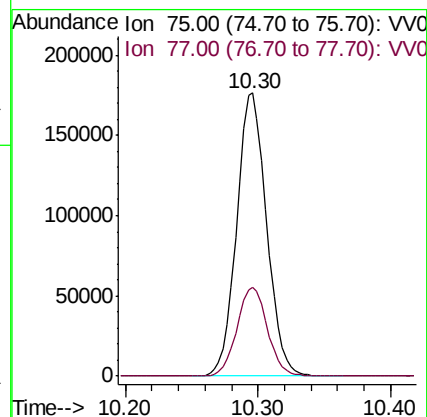
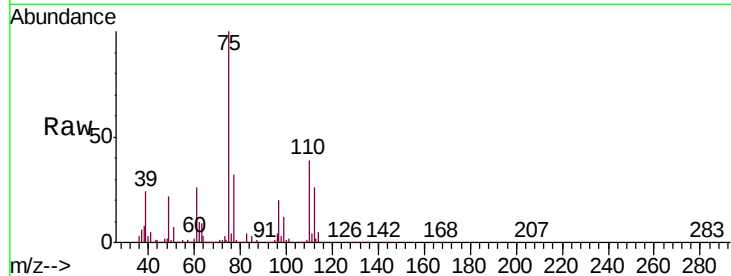
VSTD05071

Tgt Ion: 75 Resp: 275512

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



#61

Bromoform

Concen: 46.027 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

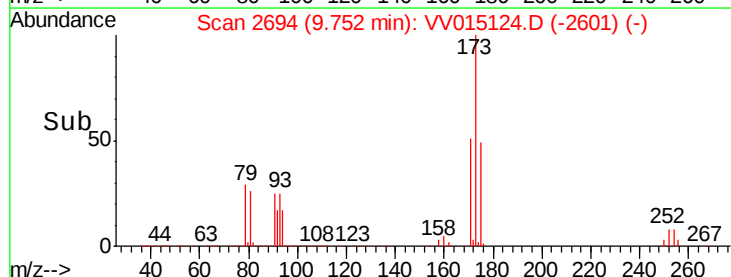
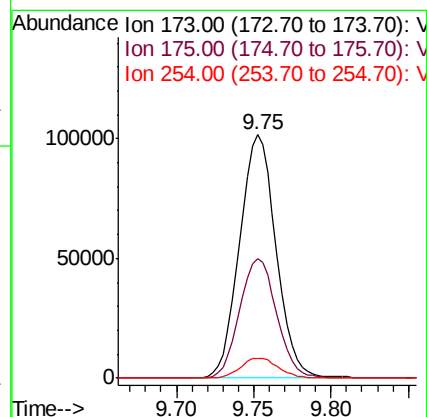
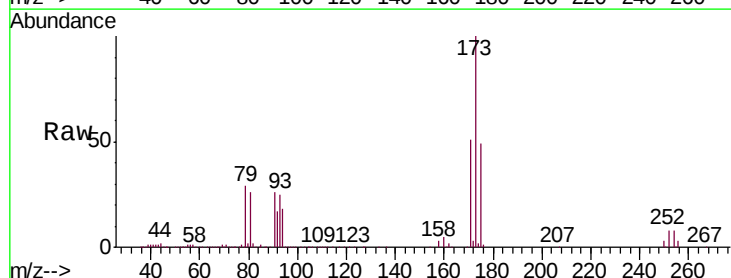
Tgt Ion: 173 Resp: 166491

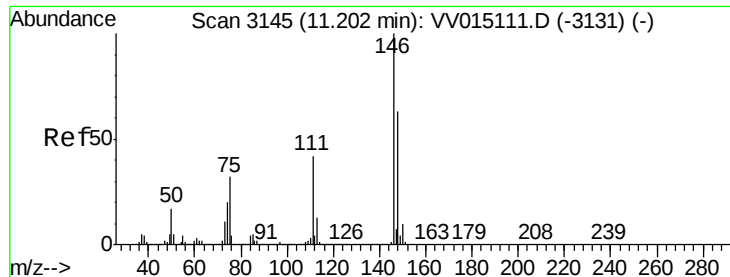
Ion Ratio Lower Upper

173 100

175 49.9 38.1 57.1

254 8.3 6.6 9.8





#62

1,3-Dichlorobenzene

Concen: 52.211 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

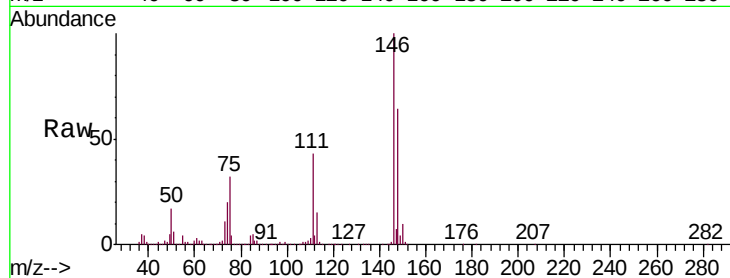
Tgt Ion:146 Resp: 458168

Ion Ratio Lower Upper

146 100

111 42.6 29.7 55.1

148 64.1 45.3 84.1

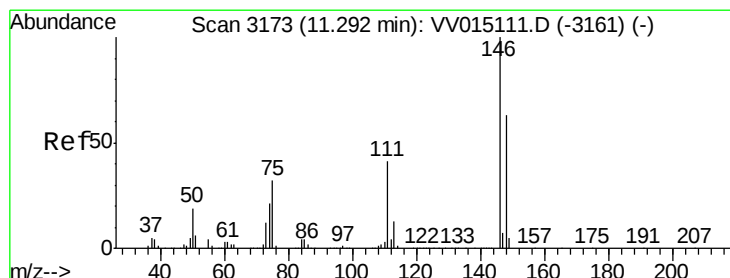
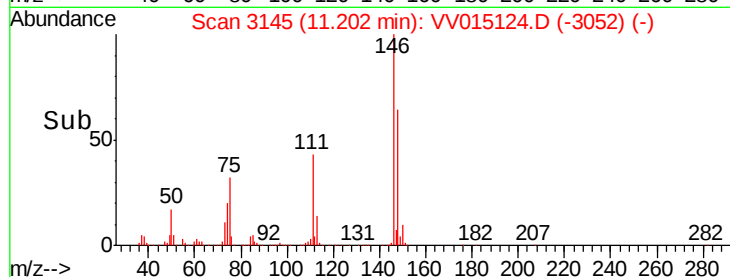
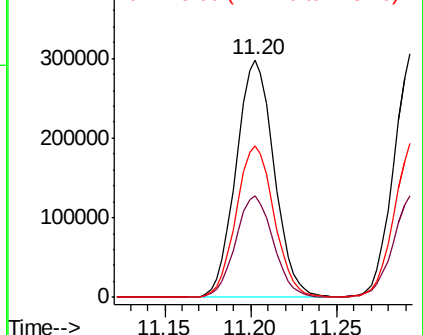


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 52.413 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

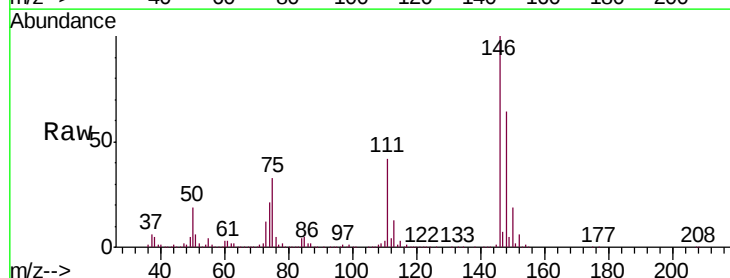
Tgt Ion:146 Resp: 464937

Ion Ratio Lower Upper

146 100

111 41.7 28.2 52.4

148 63.5 44.9 83.5

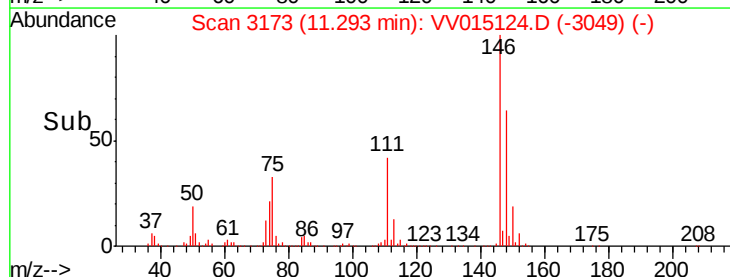
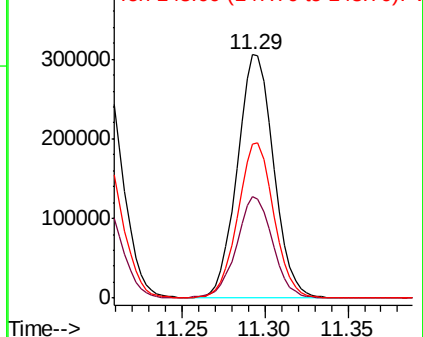


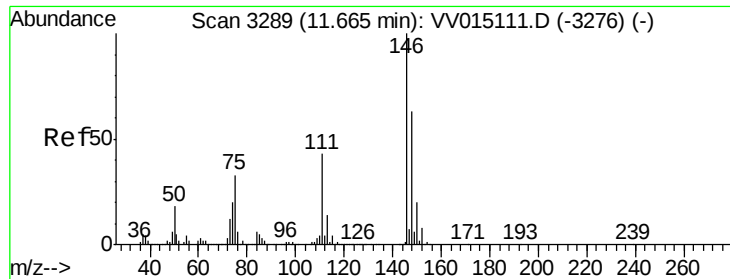
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

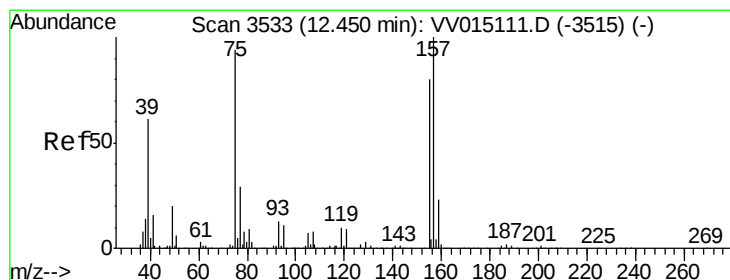
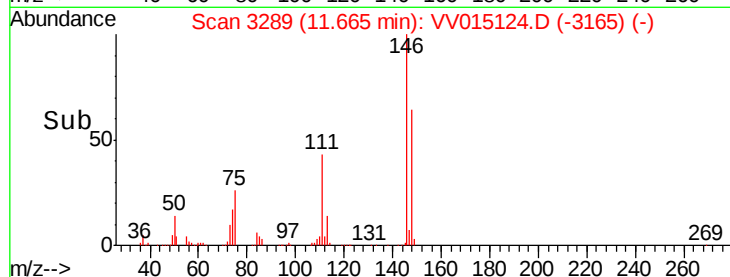
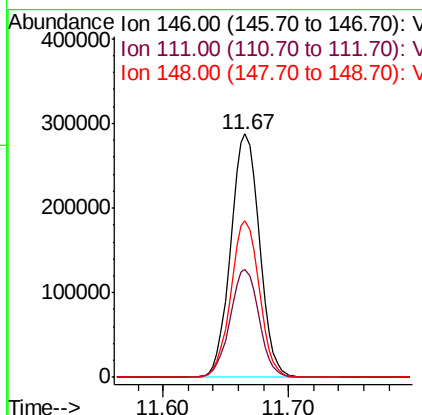
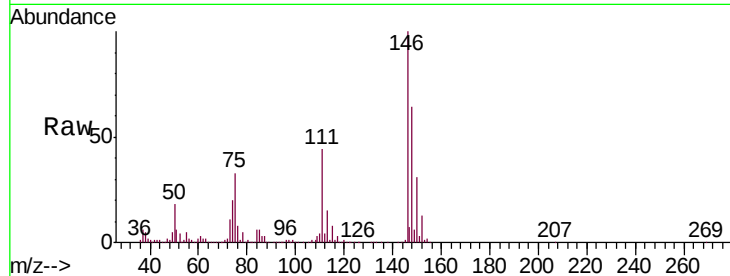




#65
 1,2-Dichlorobenzene
 Concen: 50.131 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

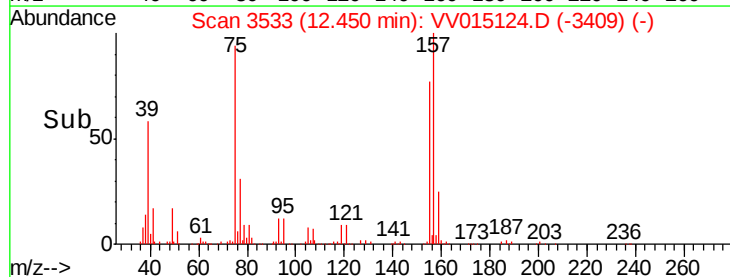
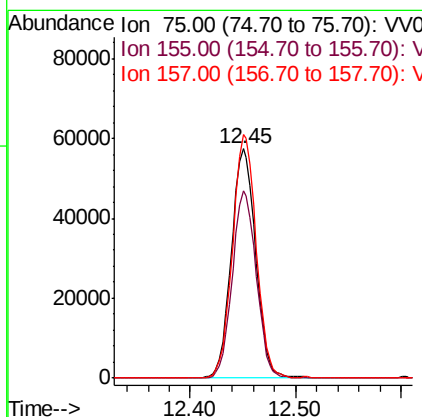
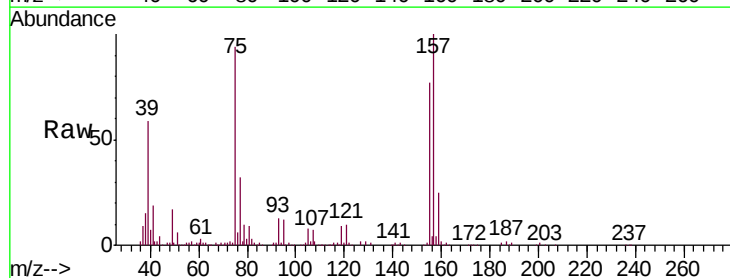
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

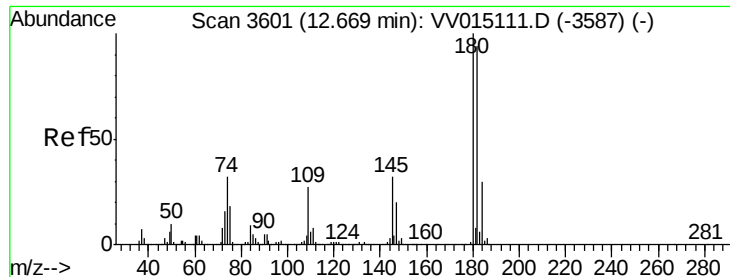
Tgt Ion: 146 Resp: 458443
 Ion Ratio Lower Upper
 146 100
 111 44.2 35.2 52.8
 148 64.4 50.6 75.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 45.172 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

Tgt Ion: 75 Resp: 91947
 Ion Ratio Lower Upper
 75 100
 155 82.1 65.2 97.8
 157 106.3 83.3 124.9

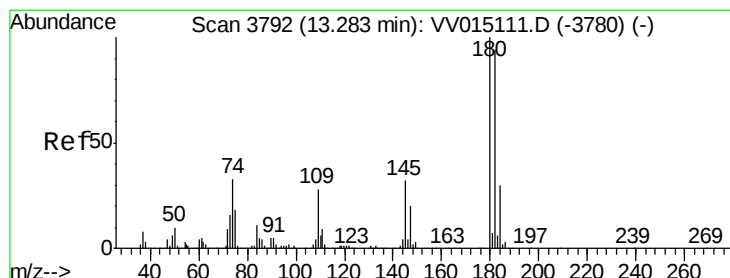
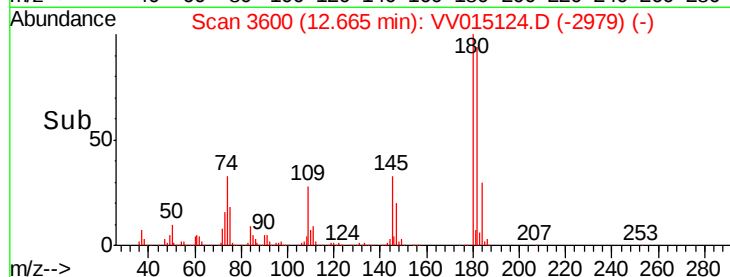
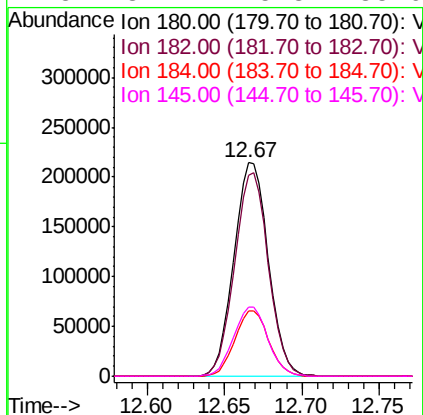
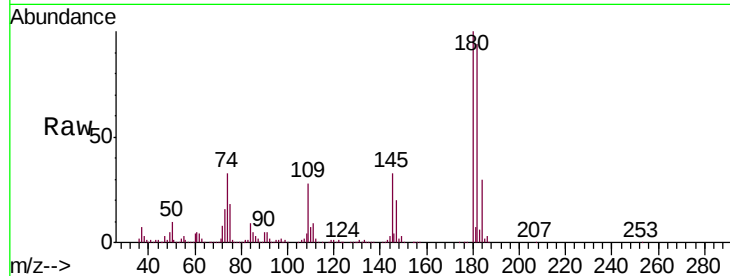




#67
 1,3,5-Trichlorobenzene
 Concen: 55.027 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

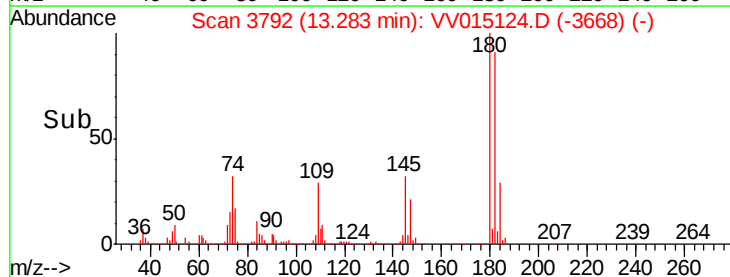
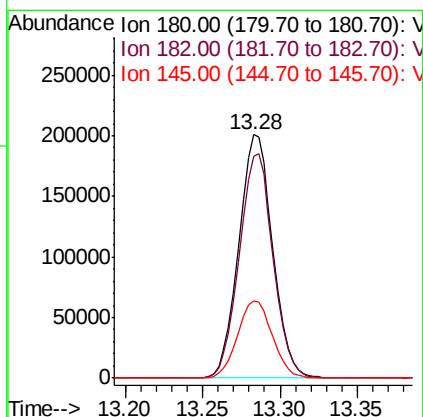
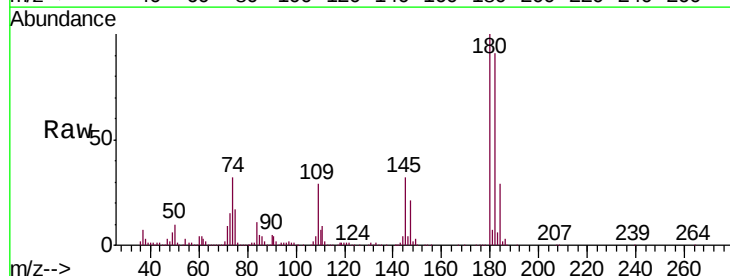
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

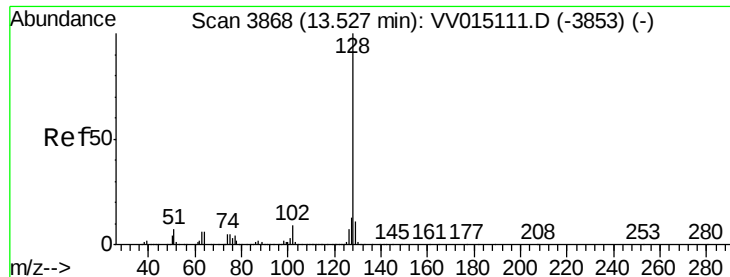
Tgt Ion:	180	Resp:	330849
Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.9	113.9
184	30.3	23.7	35.5
145	32.2	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 53.415 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV015124.D
 Acq: 24 Mar 2020 17:04

Tgt Ion:	180	Resp:	305011
Ion	Ratio	Lower	Upper
180	100		
182	92.3	75.5	113.3
145	32.6	26.4	39.6





#69

Naphthalene

Concen: 48.046 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

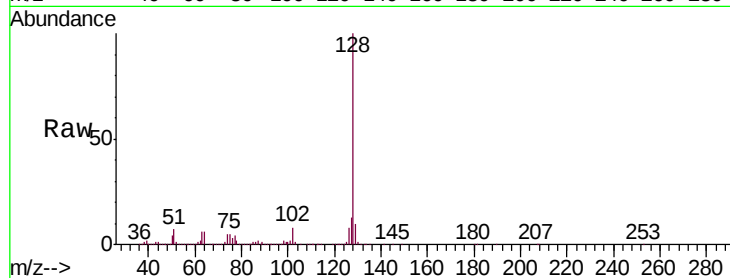
Tgt Ion:128 Resp: 542072

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

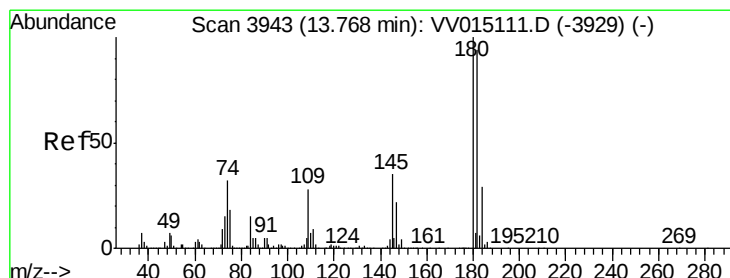
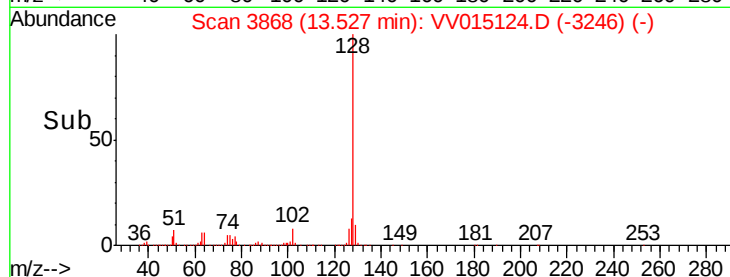
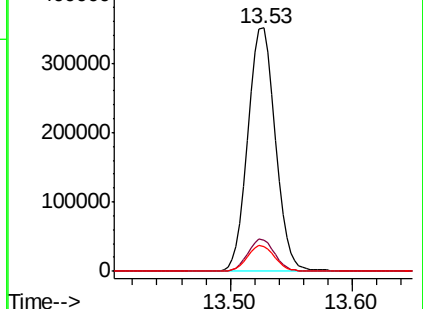
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 50.574 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015124.D

Acq: 24 Mar 2020 17:04

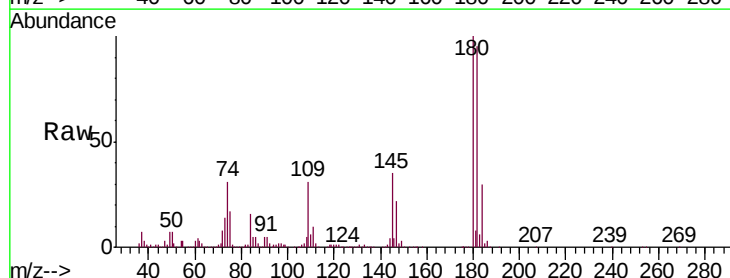
Tgt Ion:180 Resp: 297507

Ion Ratio Lower Upper

180 100

182 96.4 76.6 115.0

145 36.0 27.8 41.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

