

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026564.D
 Acq On : 24 Jun 2022 18:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Jun 25 02:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	229417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	107903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	78206	4.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.581	69	65789	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.124	63	143848	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.912	46	106540	58.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.160%
24) Chloroform-d	4.362	84	141493	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.043	65	55723	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.059	84	281611	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.075	67	80747	4.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.320	98	261061	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.628	79	20712	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	78178	47.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54259	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	82453	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	82817	4.741	ug/L	99
3) Chloromethane	1.256	50	84921	4.445	ug/L	100
5) Vinyl chloride	1.323	62	93972	4.620	ug/L	98
6) Bromomethane	1.536	94	43809	3.979	ug/L	98
8) Chloroethane	1.600	64	74961	5.418	ug/L	99
9) Trichlorofluoromethane	1.767	101	137730	4.855	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	79658	4.739	ug/L	98
12) 1,1-Dichloroethene	2.134	96	74337	4.798	ug/L	93
13) Acetone	2.198	43	68472	58.841	ug/L	99
14) Carbon disulfide	2.307	76	197018	4.819	ug/L	98
15) Methyl Acetate	2.455	43	30283	9.025	ug/L	99
16) Methylene chloride	2.519	84	79015	4.804	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	123807	4.902	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	73916	4.676	ug/L	99
19) 1,1-Dichloroethane	3.204	63	139518	4.915	ug/L	100
21) 2-Butanone	3.992	43	98794	56.434	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	80207	5.109	ug/L	97
23) Bromochloromethane	4.265	128	33289	5.149	ug/L	98
25) Chloroform	4.387	83	145503	4.791	ug/L	97

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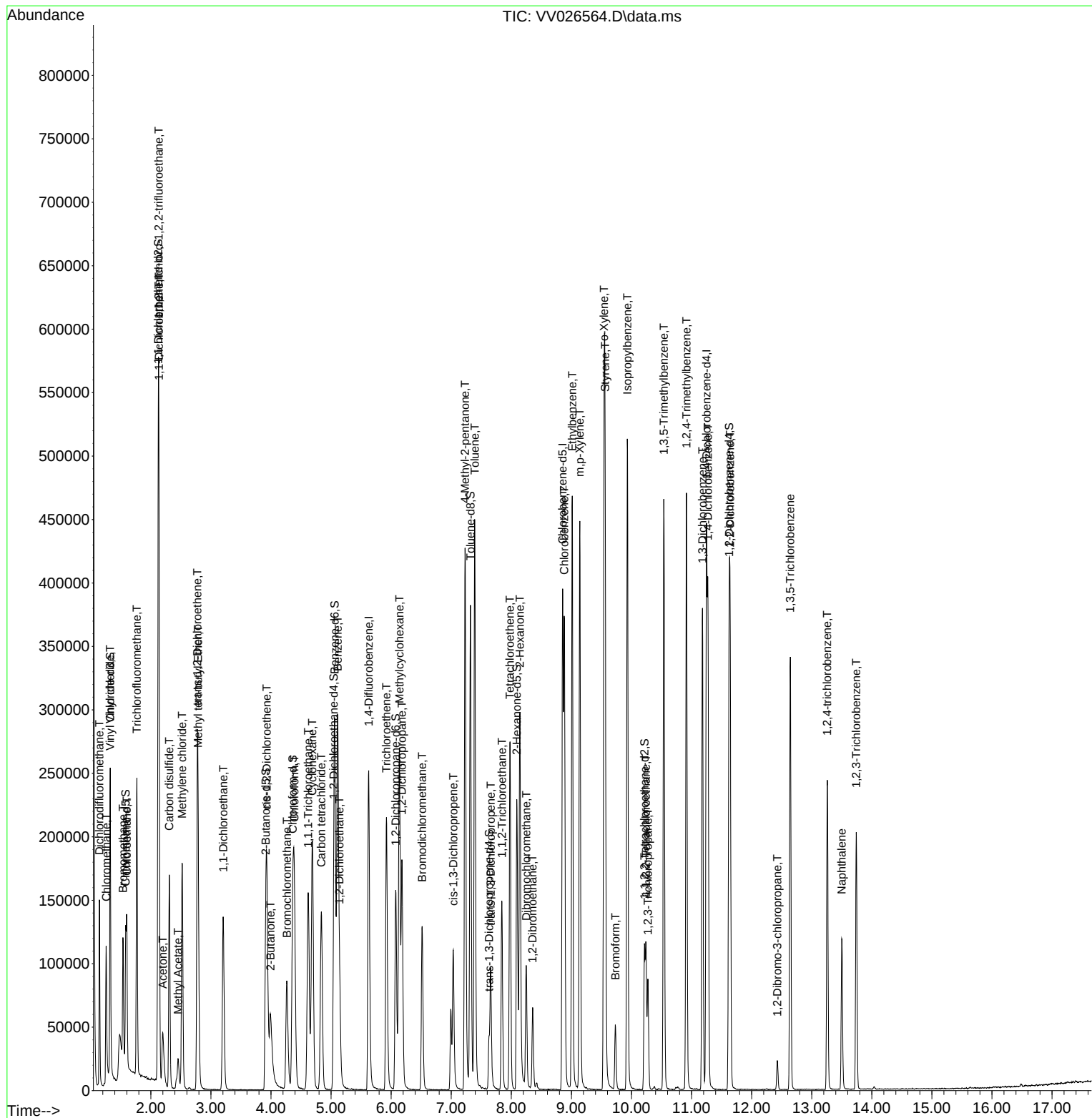
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	66326	4.907	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	128739	4.937	ug/L	98
30) Cyclohexane	4.686	56	98523	4.772	ug/L	100
31) Carbon tetrachloride	4.838	117	107549	4.917	ug/L	98
33) Benzene	5.111	78	311998	5.043	ug/L	100
34) Trichloroethene	5.921	95	78701	4.838	ug/L	98
35) Methylcyclohexane	6.137	83	110567	4.595	ug/L	99
37) 1,2-Dichloropropane	6.178	63	72613	4.869	ug/L	99
38) Bromodichloromethane	6.516	83	88630	5.035	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	73216	4.885	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	271306	53.861	ug/L	98
42) Toluene	7.391	91	333549	5.222	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	57415	5.150	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	48561	5.164	ug/L	100
47) Tetrachloroethene	7.976	164	62888	4.856	ug/L	98
48) 2-Hexanone	8.143	43	180981	51.615	ug/L	98
49) Dibromochloromethane	8.249	129	52799	5.545	ug/L	97
50) 1,2-Dibromoethane	8.355	107	41372	4.948	ug/L #	99
51) Chlorobenzene	8.882	112	208695	4.988	ug/L	98
52) Ethylbenzene	9.014	91	329673	4.991	ug/L	99
53) m,p-Xylene	9.140	106	130104	5.049	ug/L	100
54) o-Xylene	9.545	106	124042	5.128	ug/L	95
55) Styrene	9.561	104	211157	5.270	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53558	5.100	ug/L	99
59) Bromoform	9.731	173	21963	5.524	ug/L #	96
60) Isopropylbenzene	9.931	105	329209	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	35081	5.021	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	249282	4.739	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	254214	4.901	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	156573	4.837	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	154858	4.818	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	133812	4.859	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6045	4.824	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	105322	4.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76114	4.631	ug/L	99
71) Naphthalene	13.500	128	97181	4.532	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62729	4.664	ug/L	98

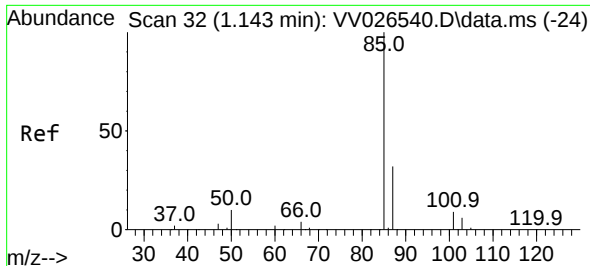
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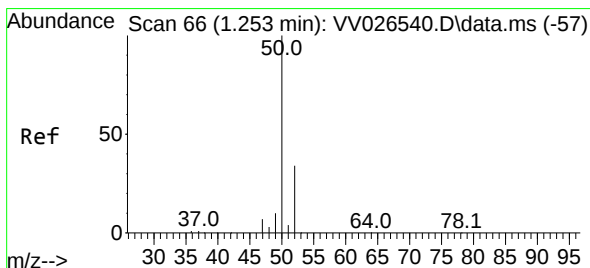
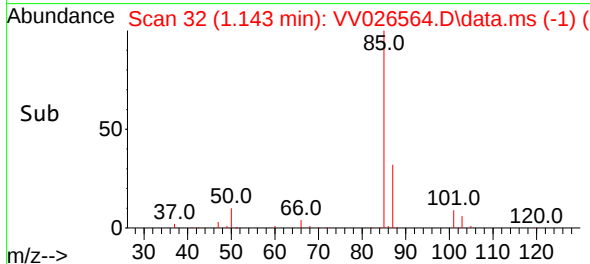
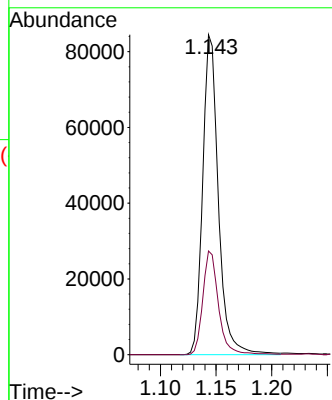
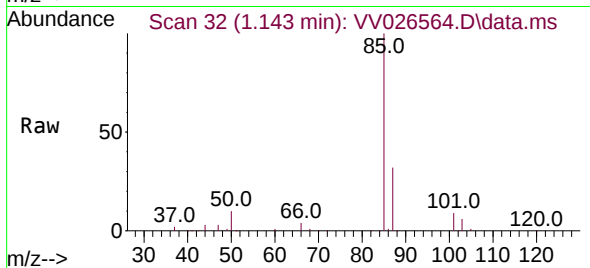




#2
 Dichlorodifluoromethane
 Concen: 4.741 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

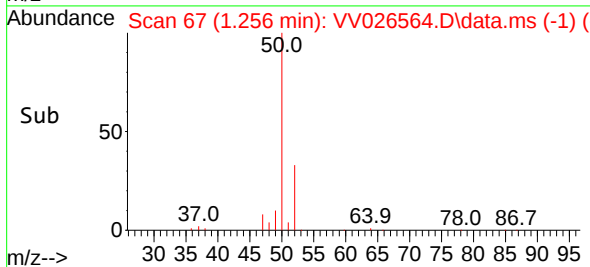
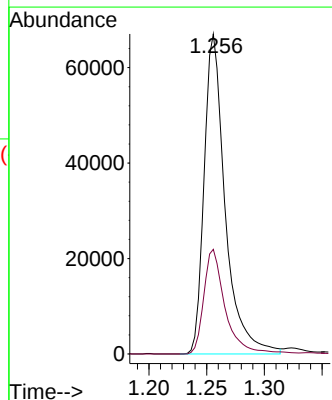
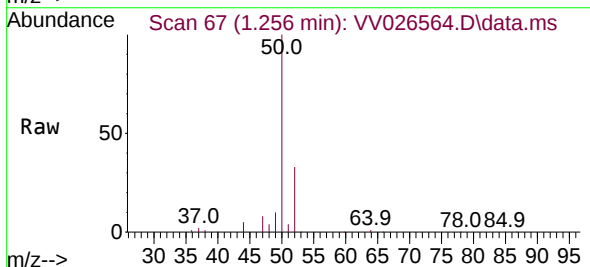
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 ClientSampleId :
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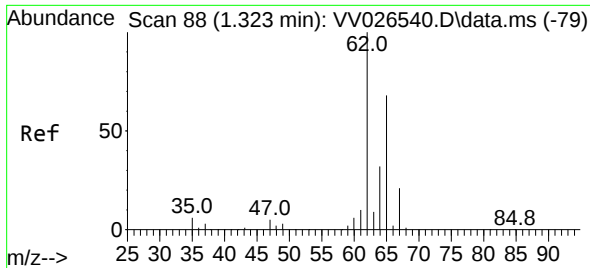
Tgt Ion: 85 Resp: 82817
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.6 38.4



#3
 Chloromethane
 Concen: 4.445 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

Tgt Ion: 50 Resp: 84921
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.6

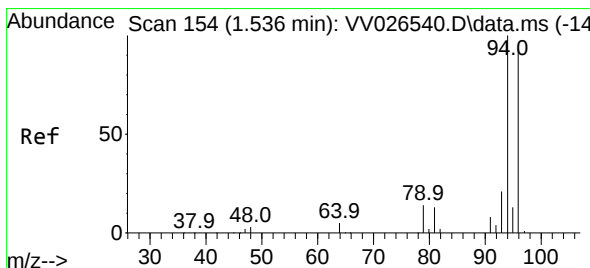
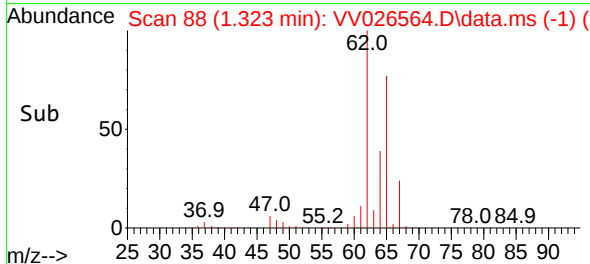
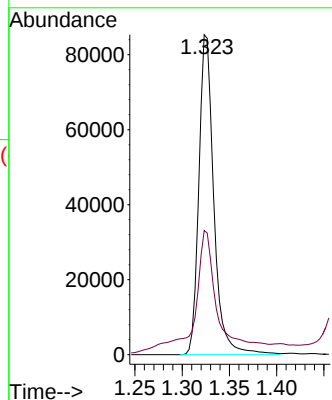
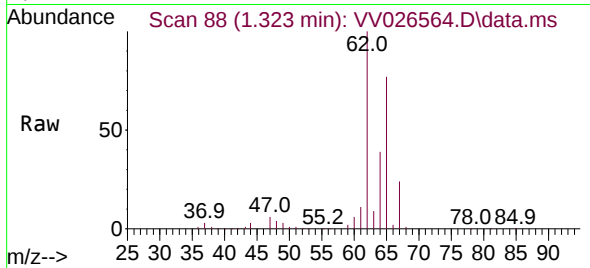




#5
 Vinyl chloride
 Concen: 4.620 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

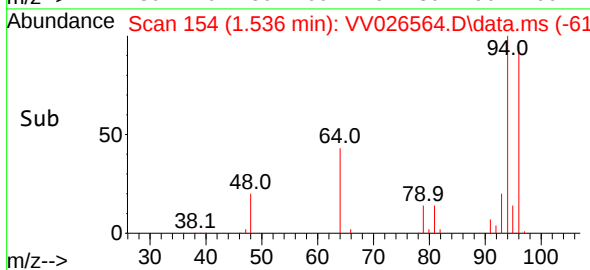
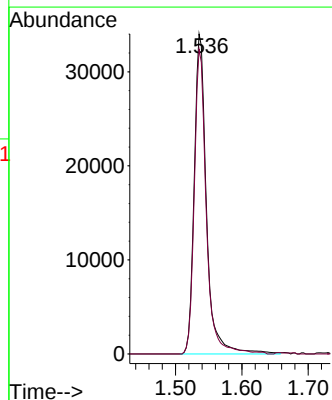
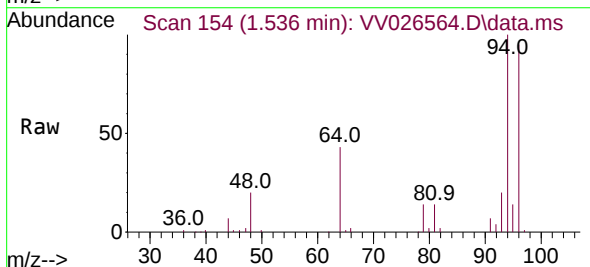
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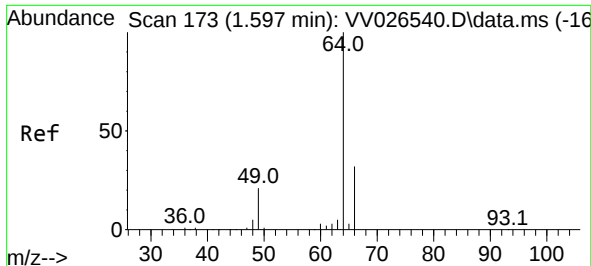
Tgt Ion: 62 Resp: 93972
 Ion Ratio Lower Upper
 62 100
 64 38.8 26.2 48.6



#6
 Bromomethane
 Concen: 3.979 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

Tgt Ion: 94 Resp: 43809
 Ion Ratio Lower Upper
 94 100
 96 95.3 68.0 126.2

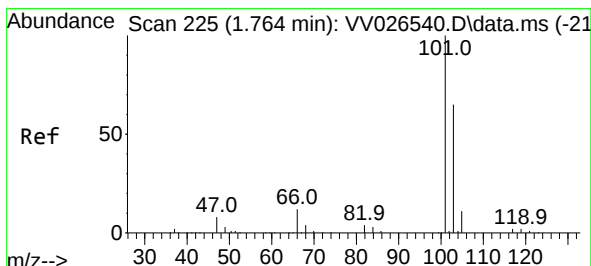
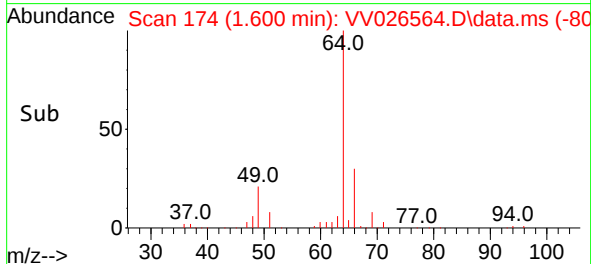
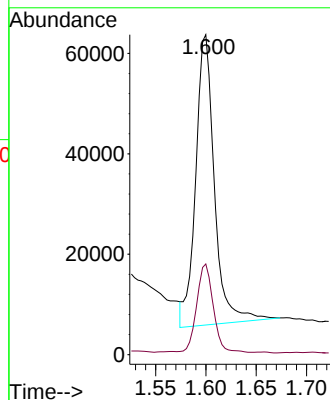
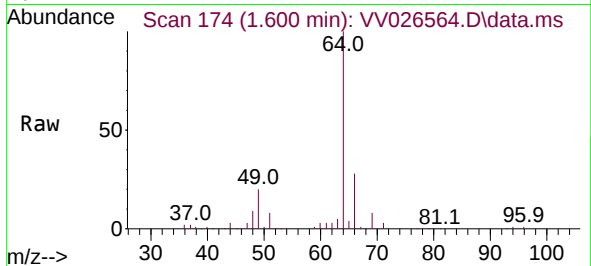




#8
Chloroethane
Concen: 5.418 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

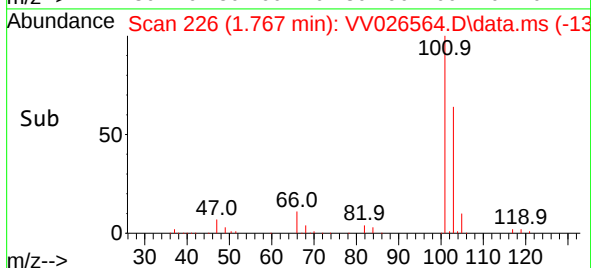
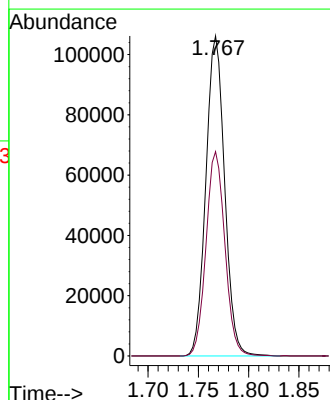
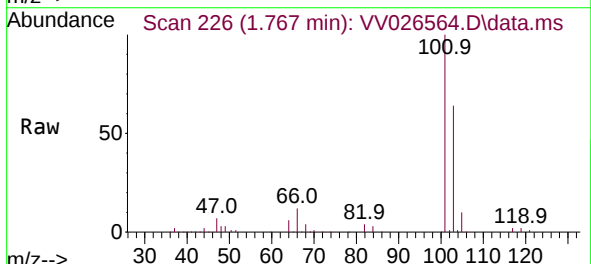
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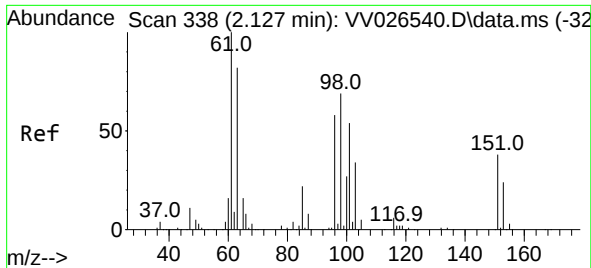
Tgt Ion: 64 Resp: 74961
Ion Ratio Lower Upper
64 100
66 28.3 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.855 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion:101 Resp: 137730
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

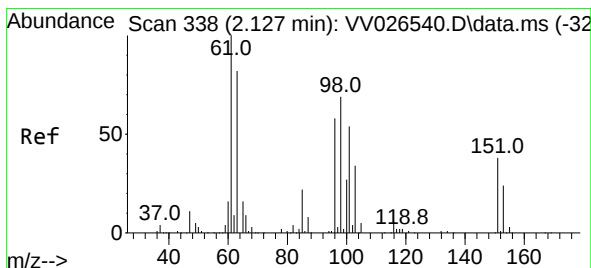
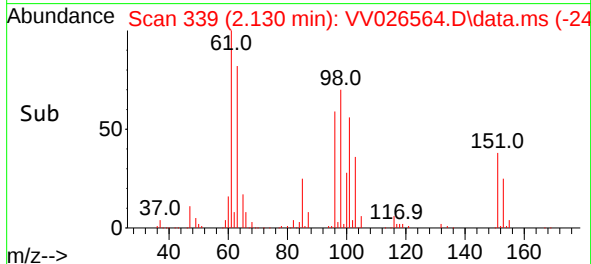
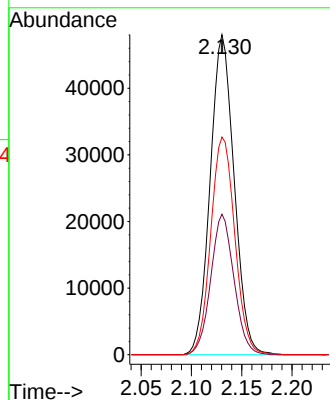
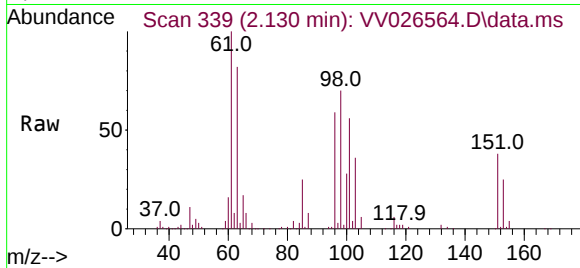




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.739 ug/L
 RT: 2.130 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

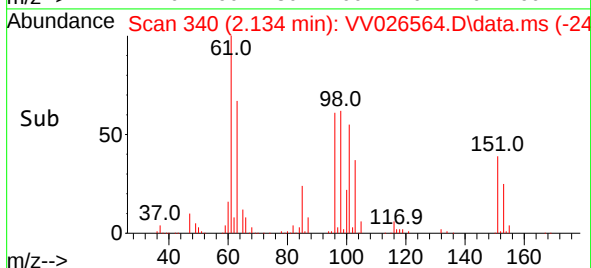
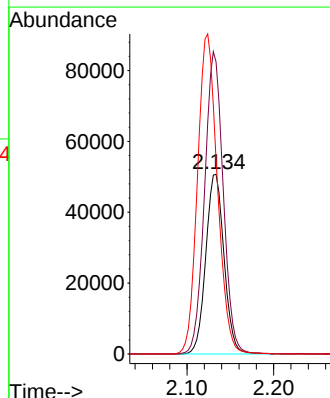
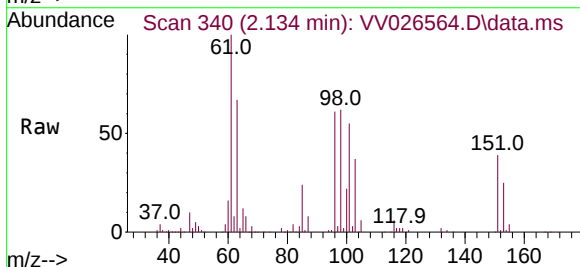
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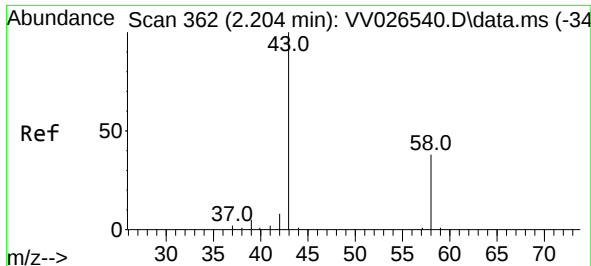
Tgt Ion:101 Resp: 79658
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.2 51.4
 151 68.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.798 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

Tgt Ion: 96 Resp: 74337
 Ion Ratio Lower Upper
 96 100
 61 162.6 115.4 214.4
 63 108.3 87.4 162.2





#13

Acetone

Concen: 58.841 ug/L

RT: 2.198 min Scan# 30

Delta R.T. -0.007 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

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MSVOA_V

ClientSampleId :

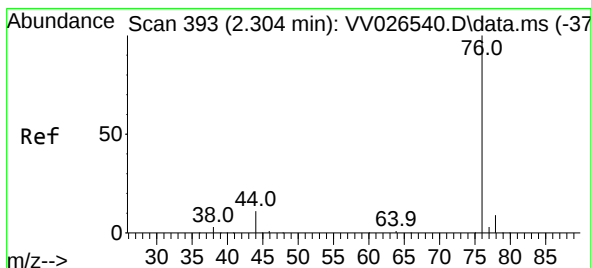
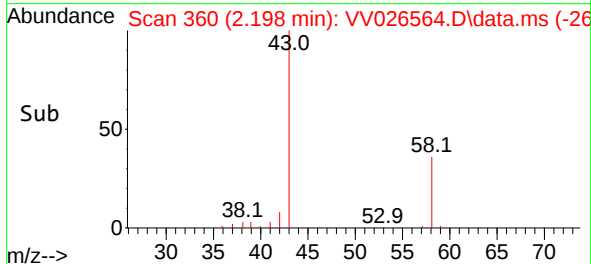
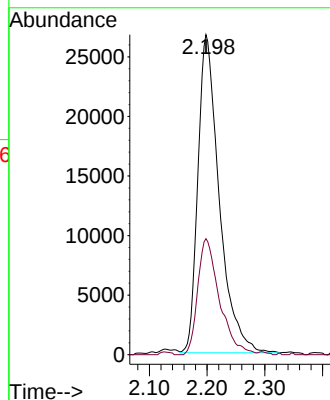
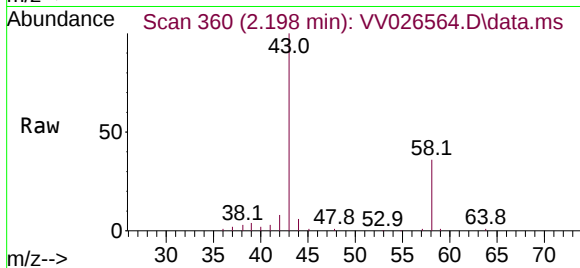
VSTD005336

Tgt Ion: 43 Resp: 68472

Ion Ratio Lower Upper

43 100

58 37.1 0.0 75.0



#14

Carbon disulfide

Concen: 4.819 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

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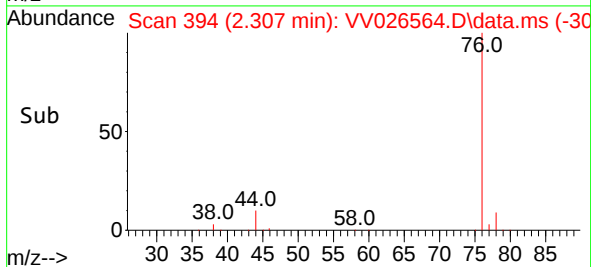
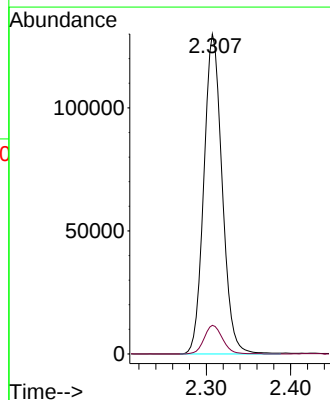
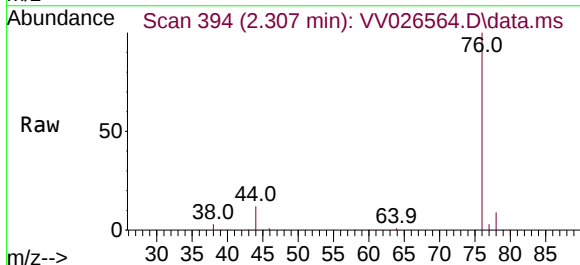
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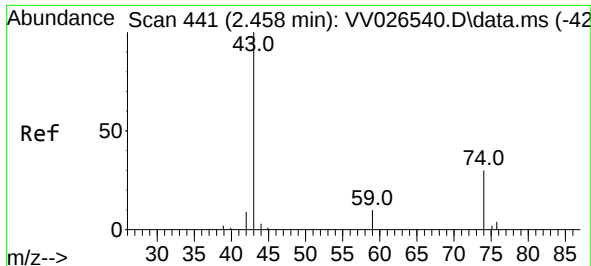
Tgt Ion: 76 Resp: 197018

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

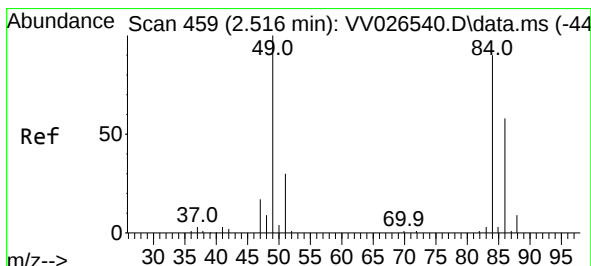
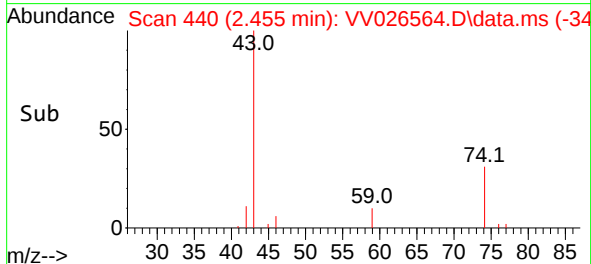
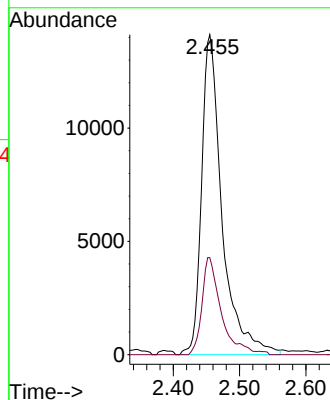
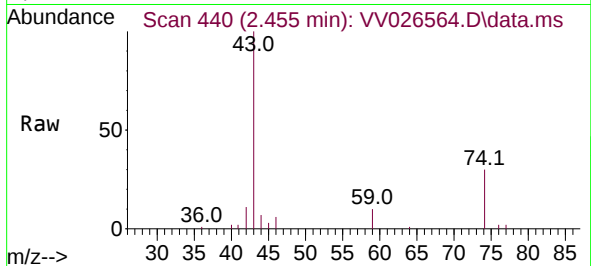




#15
Methyl Acetate
Concen: 9.025 ug/L
RT: 2.455 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

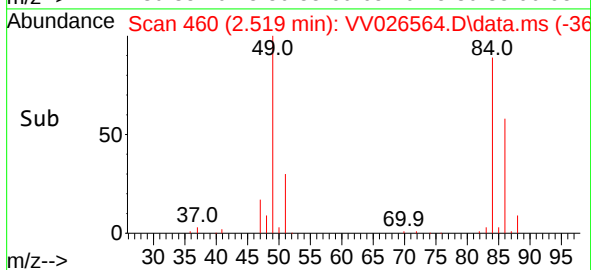
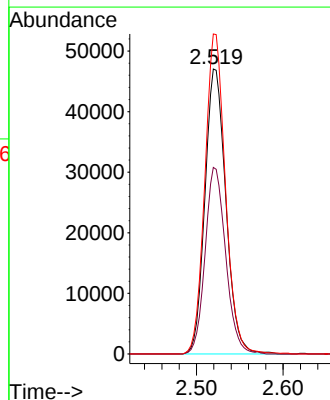
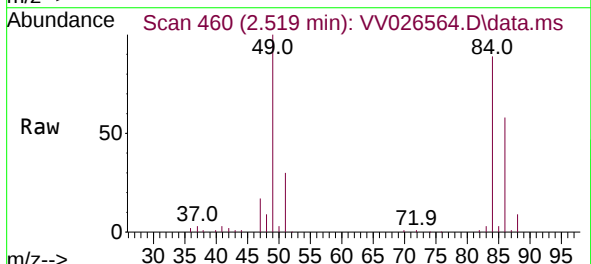
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

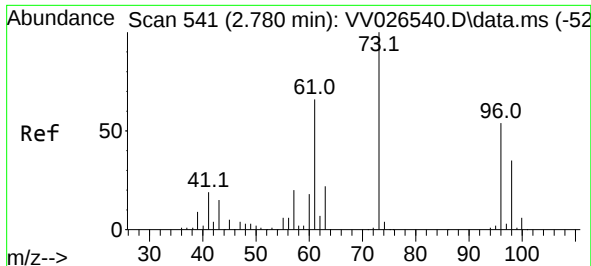
Tgt Ion: 43 Resp: 30283
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1



#16
Methylene chloride
Concen: 4.804 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 84 Resp: 79015
Ion Ratio Lower Upper
84 100
86 65.4 46.0 85.4
49 112.3 77.7 144.3

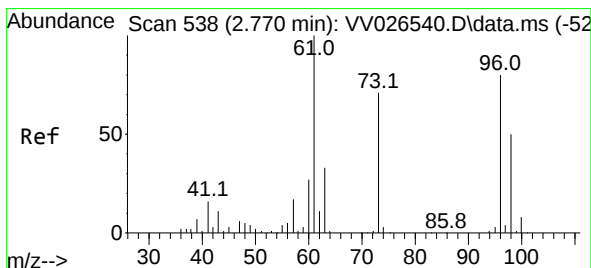
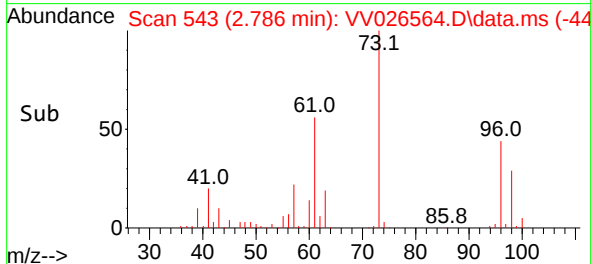
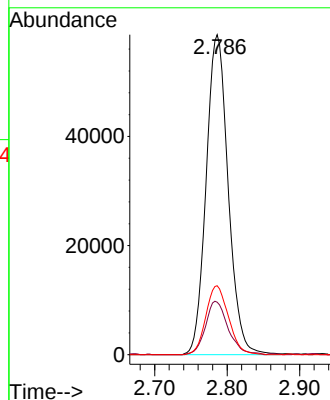
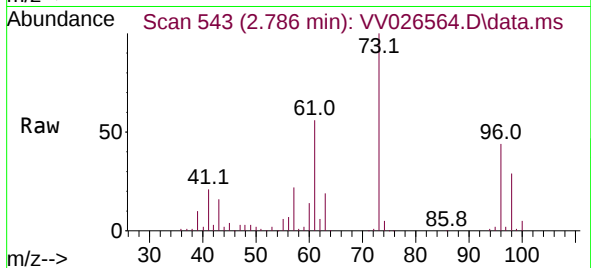




#17
Methyl tert-butyl Ether
Concen: 4.902 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

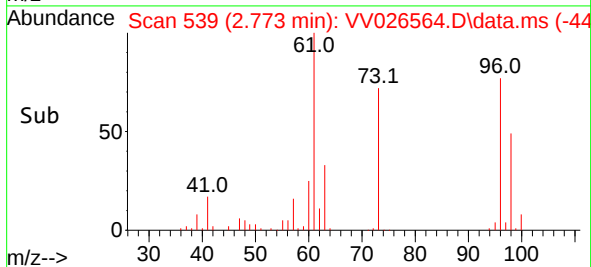
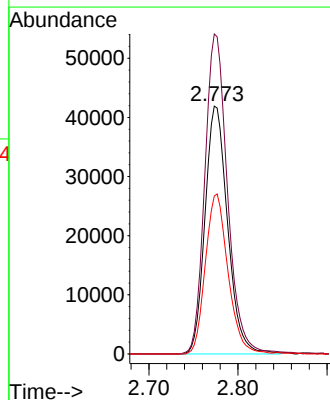
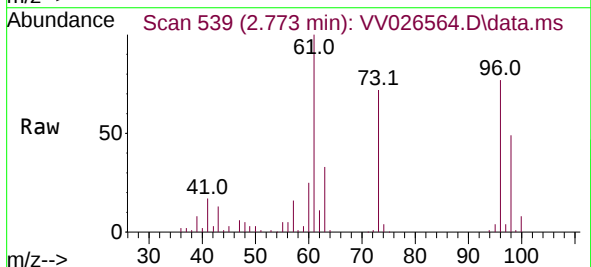
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

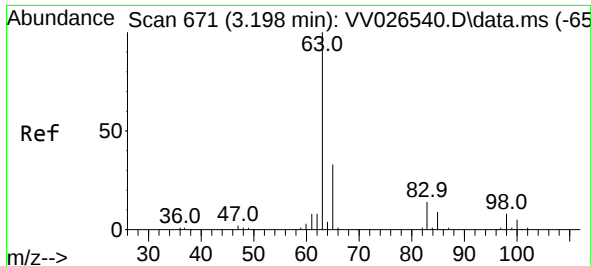
Tgt Ion: 73 Resp: 123807
Ion Ratio Lower Upper
73 100
43 17.2 13.3 19.9
57 22.2 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.676 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 96 Resp: 73916
Ion Ratio Lower Upper
96 100
61 129.1 90.4 167.8
98 63.7 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.915 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

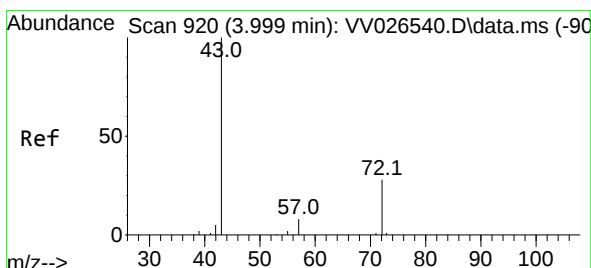
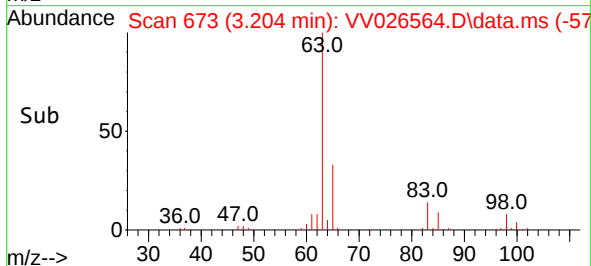
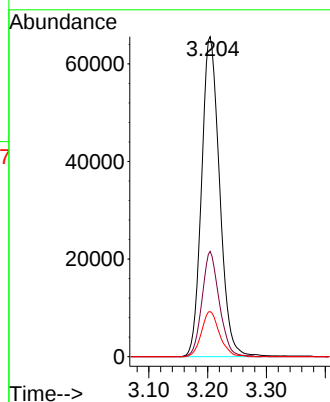
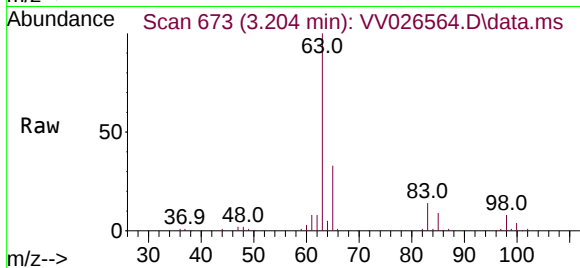
Tgt Ion: 63 Resp: 139518

Ion Ratio Lower Upper

63 100

65 32.9 23.0 42.6

83 14.1 10.2 19.0



#21

2-Butanone

Concen: 56.434 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.007 min

Lab File: VV026564.D

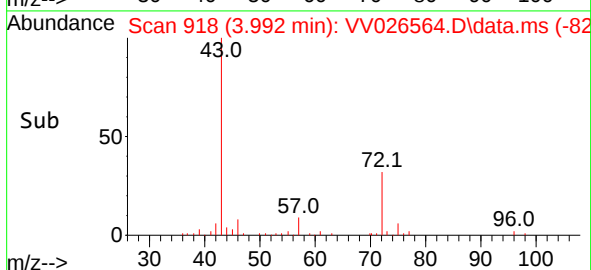
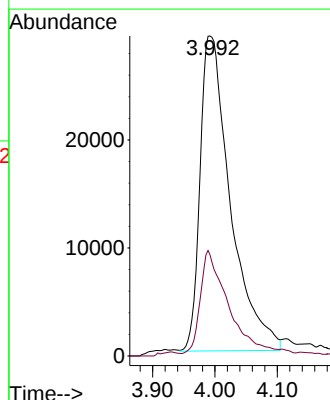
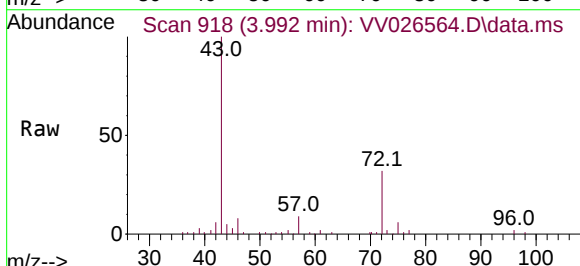
Acq: 24 Jun 2022 18:35

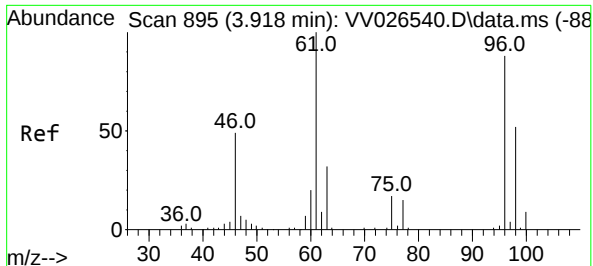
Tgt Ion: 43 Resp: 98794

Ion Ratio Lower Upper

43 100

72 29.9 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.109 ug/L

RT: 3.928 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

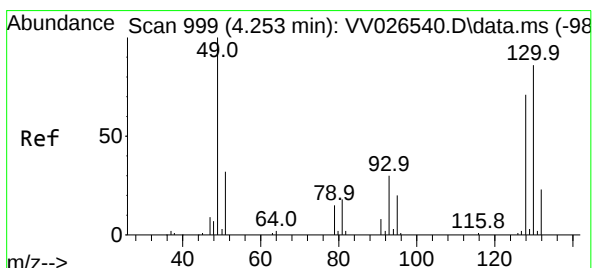
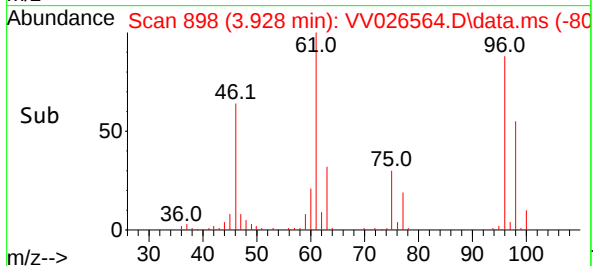
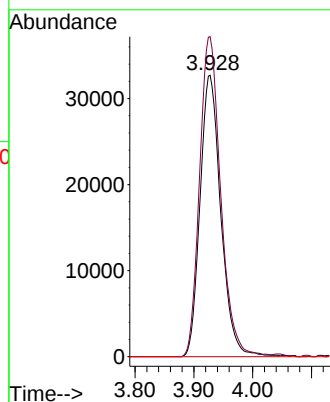
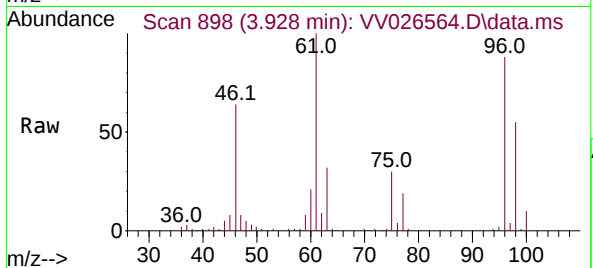
Tgt Ion: 96 Resp: 80207

Ion Ratio Lower Upper

96 100

61 113.7 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.149 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.013 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Tgt Ion: 128 Resp: 33289

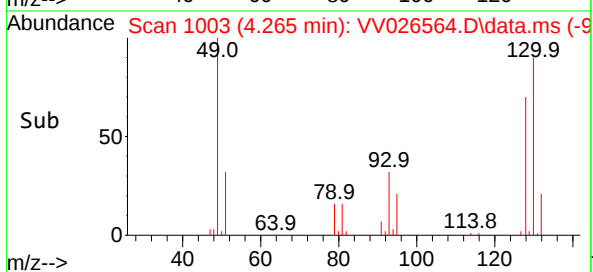
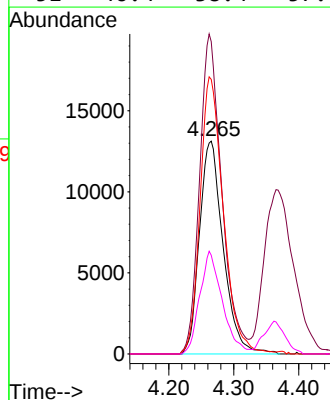
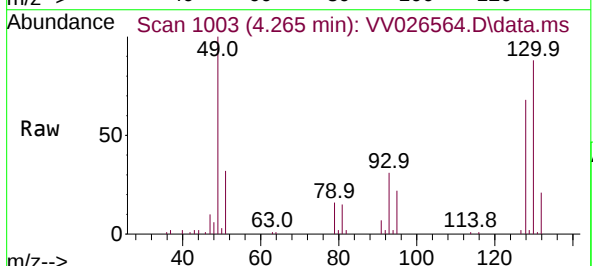
Ion Ratio Lower Upper

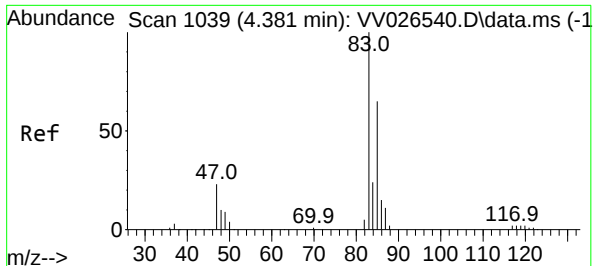
128 100

49 146.8 104.0 193.1

130 129.1 93.4 173.6

51 46.4 38.4 57.6

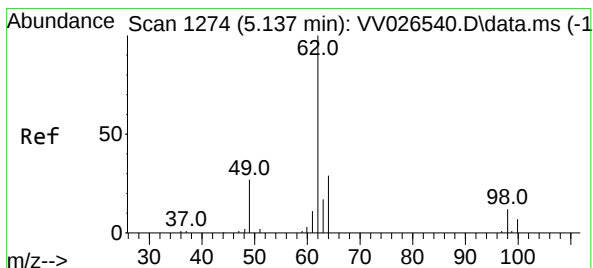
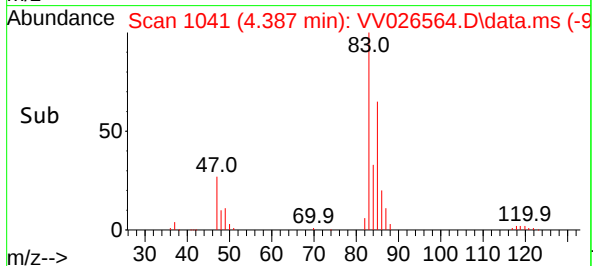
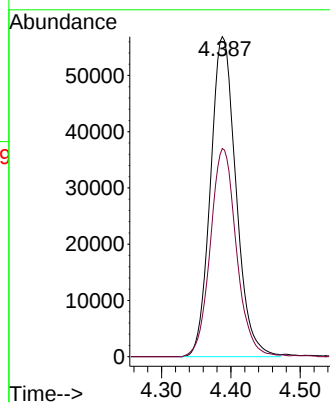
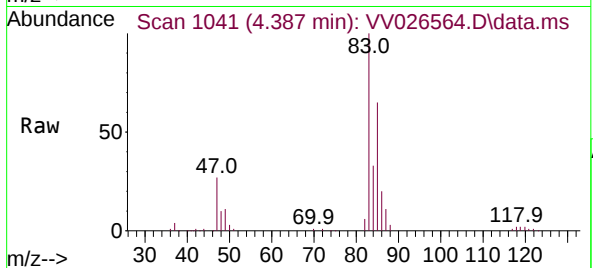




#25
Chloroform
Concen: 4.791 ug/L
RT: 4.387 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

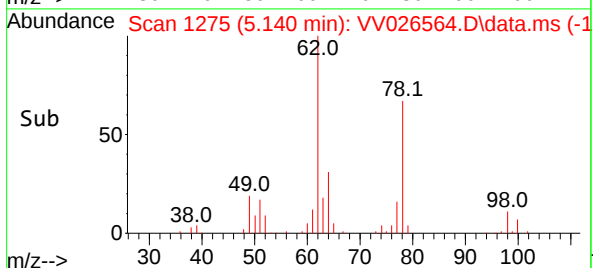
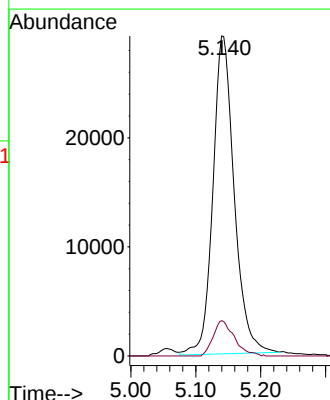
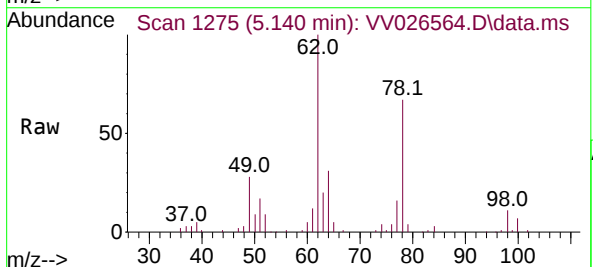
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

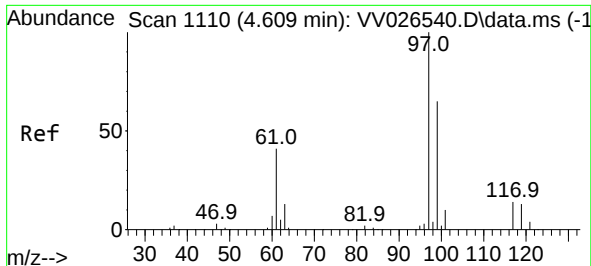
Tgt Ion: 83 Resp: 145503
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.8



#27
1,2-Dichloroethane
Concen: 4.907 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 62 Resp: 66326
Ion Ratio Lower Upper
62 100
98 11.0 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.937 ug/L

RT: 4.619 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

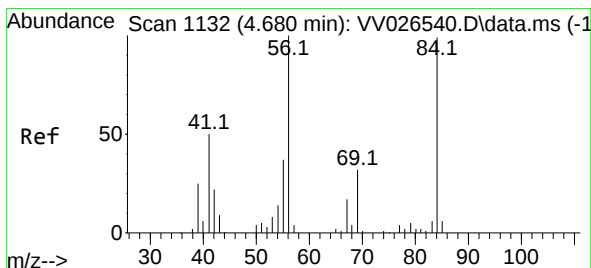
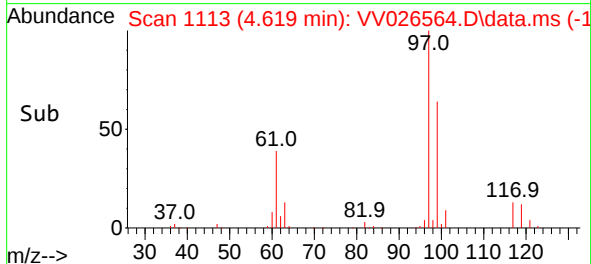
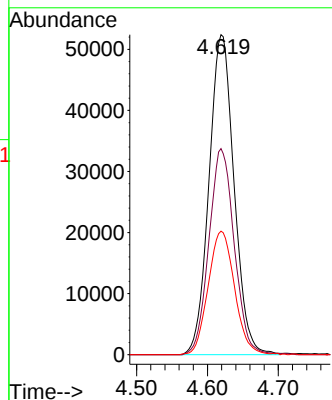
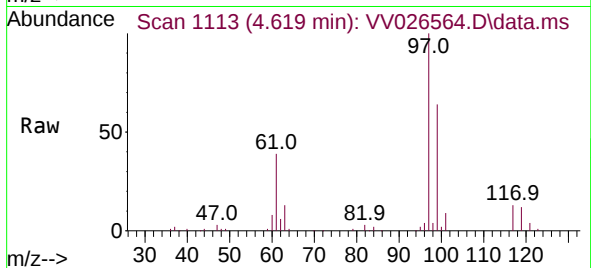
Tgt Ion: 97 Resp: 128739

Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 40.5 33.0 49.4



#30

Cyclohexane

Concen: 4.772 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

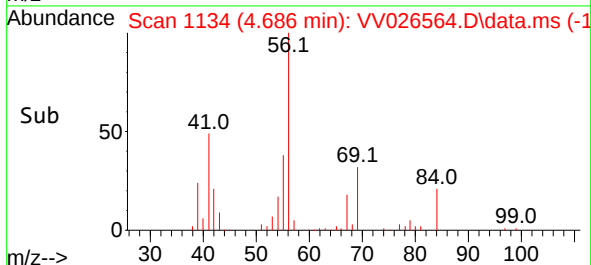
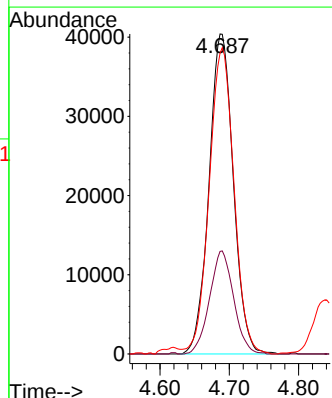
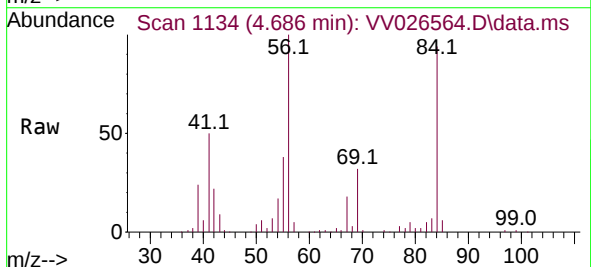
Tgt Ion: 56 Resp: 98523

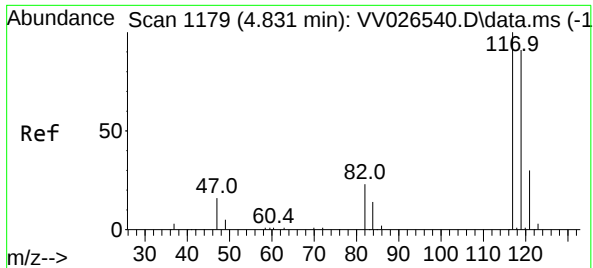
Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

84 97.4 77.8 116.6

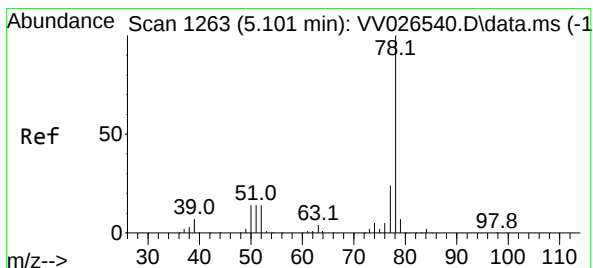
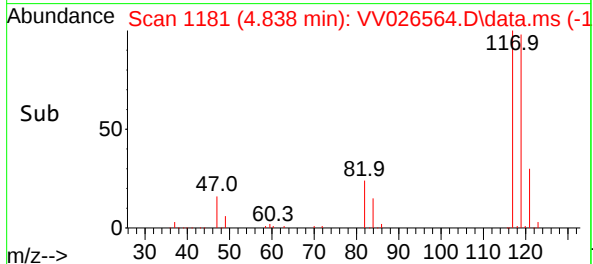
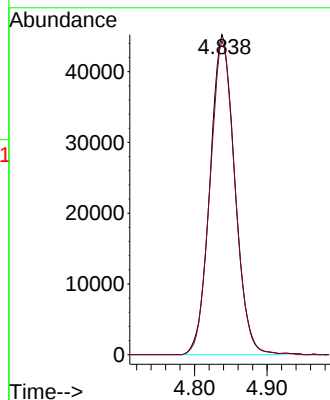
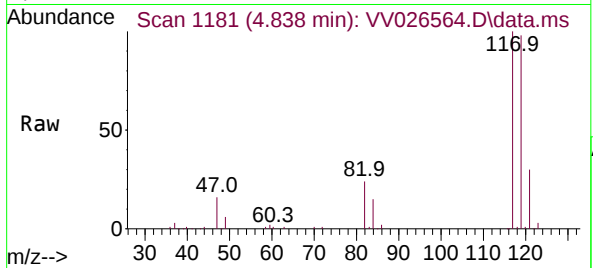




#31
Carbon tetrachloride
Concen: 4.917 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

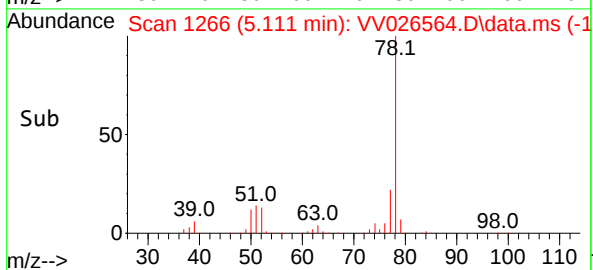
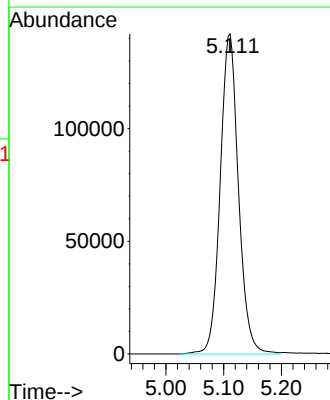
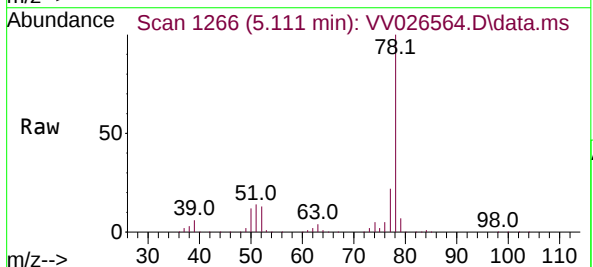
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

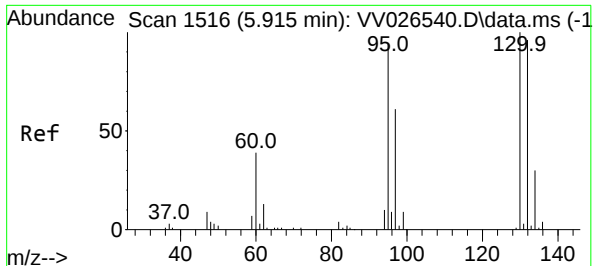
Tgt Ion:117 Resp: 107549
Ion Ratio Lower Upper
117 100
119 98.3 76.9 115.3



#33
Benzene
Concen: 5.043 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 78 Resp: 311998

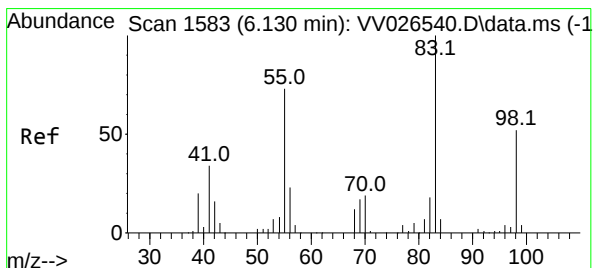
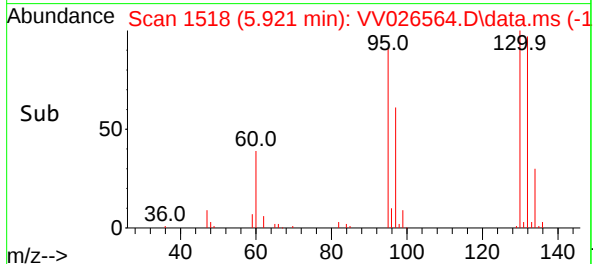
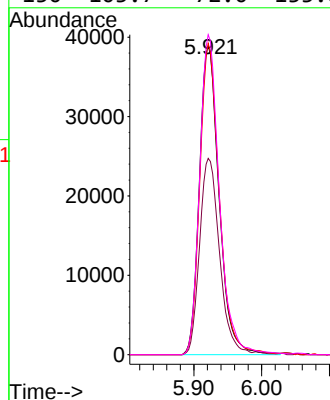
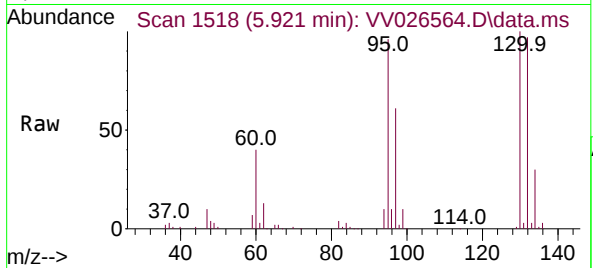




#34
Trichloroethene
Concen: 4.838 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

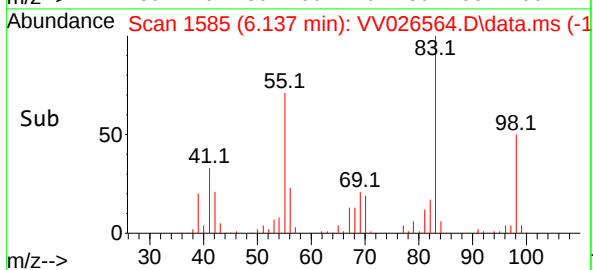
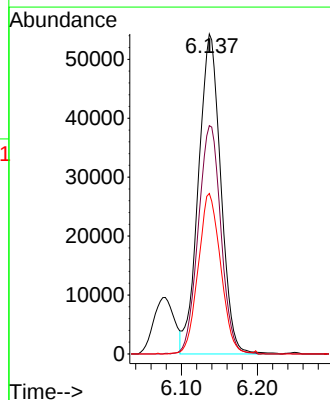
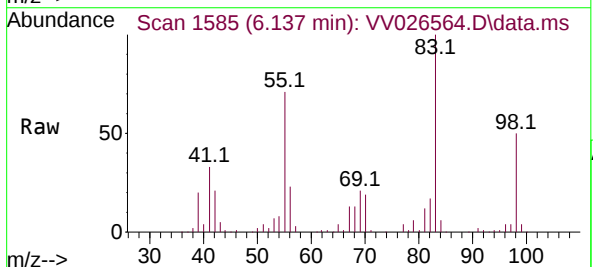
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

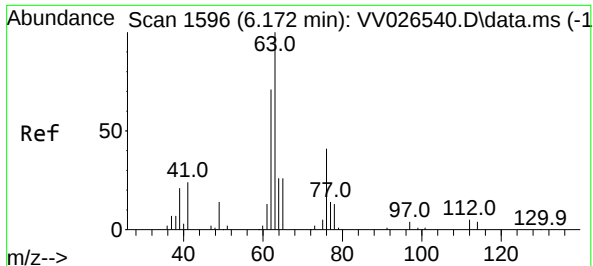
Tgt Ion: 95 Resp: 78701
Ion Ratio Lower Upper
95 100
97 63.6 46.8 87.0
132 100.9 69.9 129.7
130 103.7 72.0 133.8



#35
Methylcyclohexane
Concen: 4.595 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 83 Resp: 110567
Ion Ratio Lower Upper
83 100
55 72.3 57.0 85.4
98 50.5 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.869 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

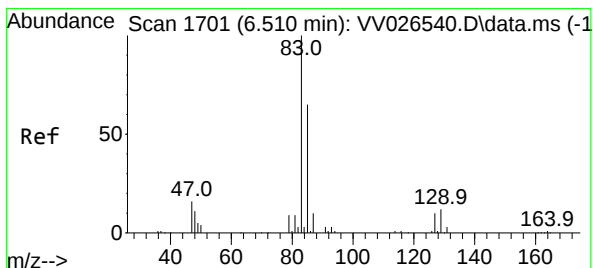
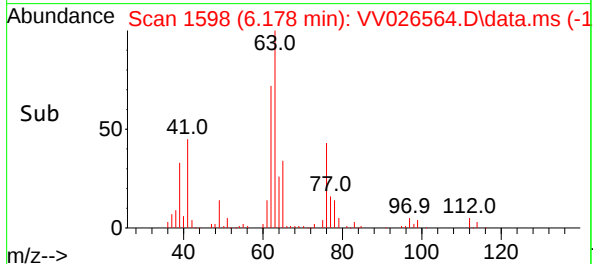
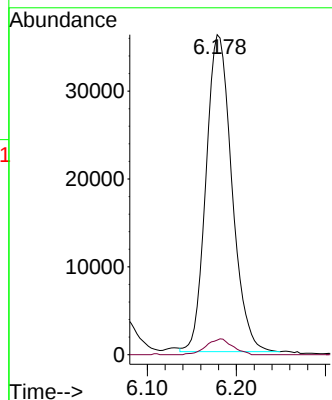
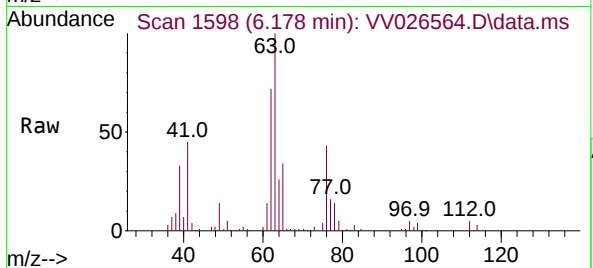
VSTD005336

Tgt Ion: 63 Resp: 72613

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.4



#38

Bromodichloromethane

Concen: 5.035 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

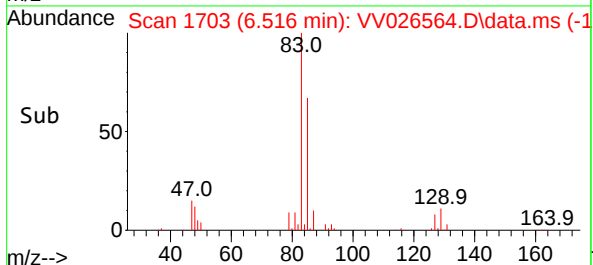
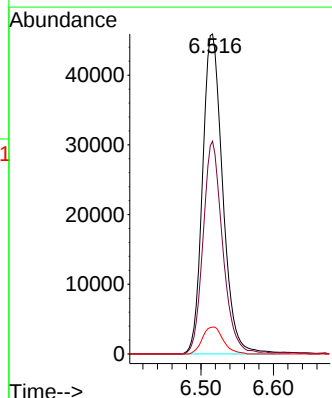
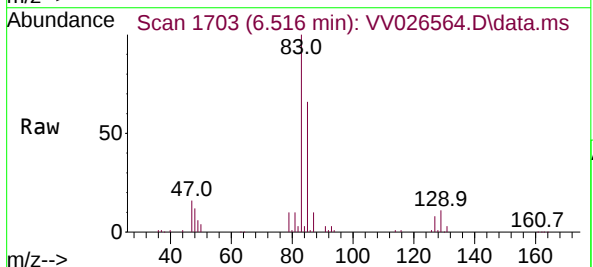
Tgt Ion: 83 Resp: 88630

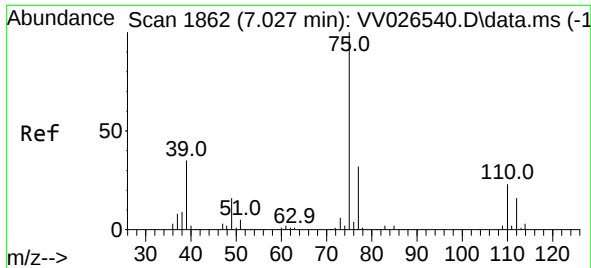
Ion Ratio Lower Upper

83 100

85 66.5 44.0 81.8

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.885 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

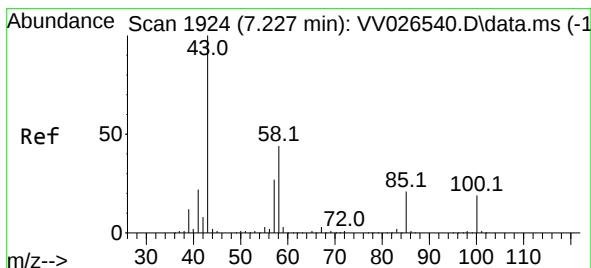
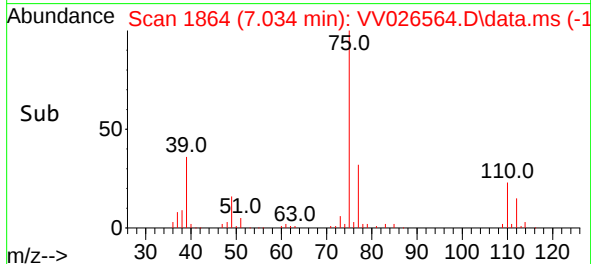
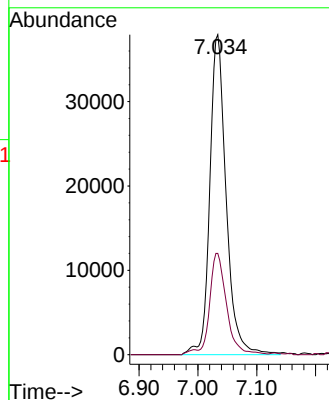
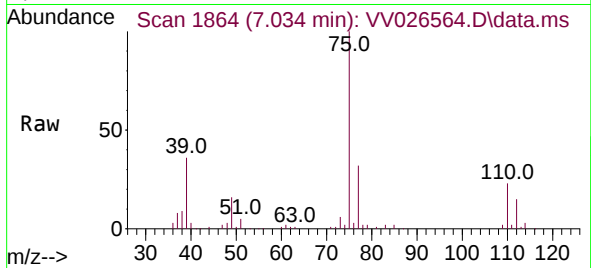
VSTD005336

Tgt Ion: 75 Resp: 73216

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.861 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

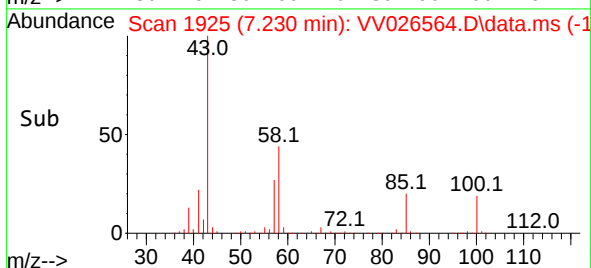
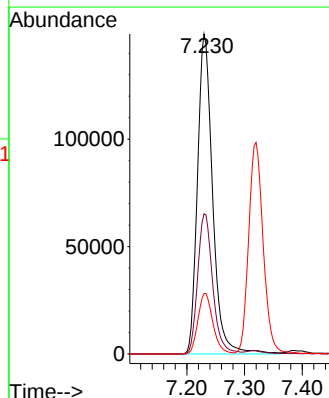
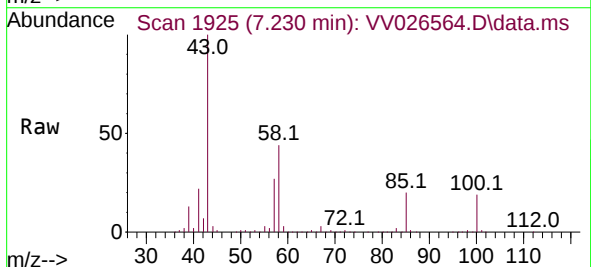
Tgt Ion: 43 Resp: 271306

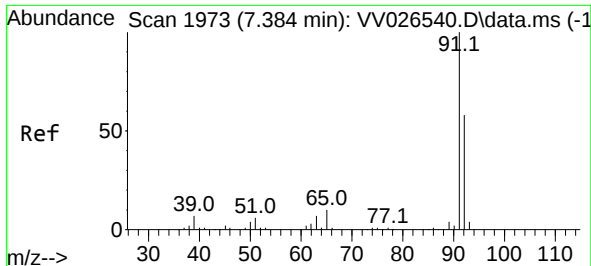
Ion Ratio Lower Upper

43 100

58 43.4 33.3 49.9

100 18.6 14.3 21.5





#42

Toluene

Concen: 5.222 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

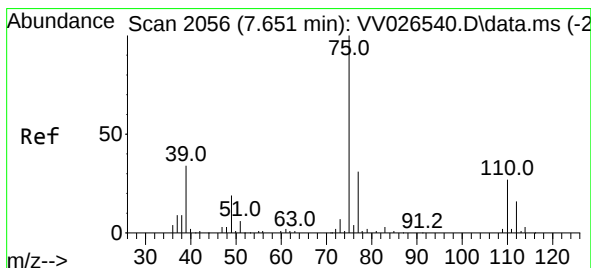
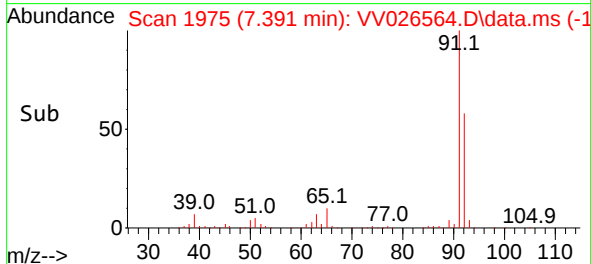
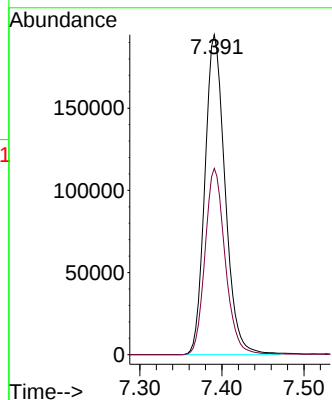
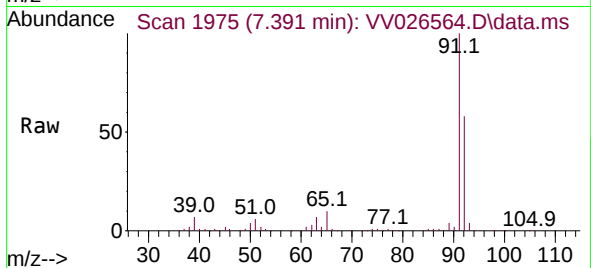
VSTD005336

Tgt Ion: 91 Resp: 333549

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.150 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026564.D

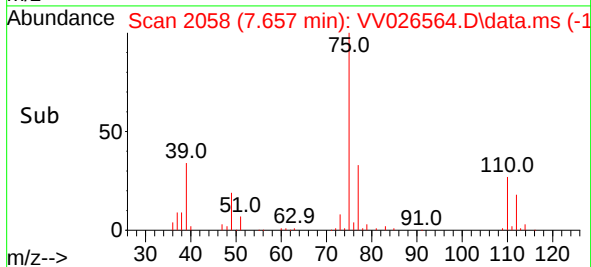
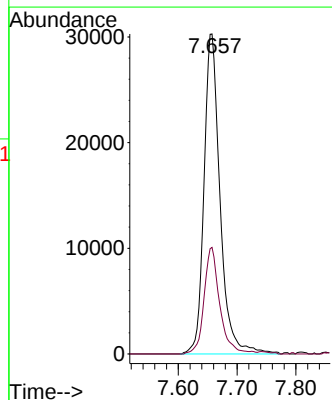
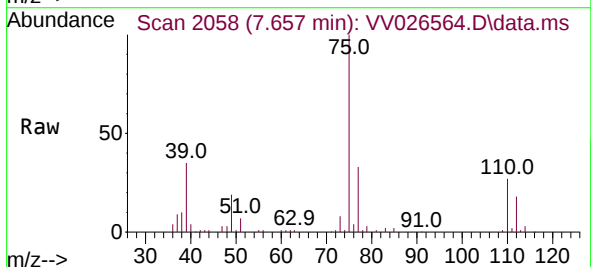
Acq: 24 Jun 2022 18:35

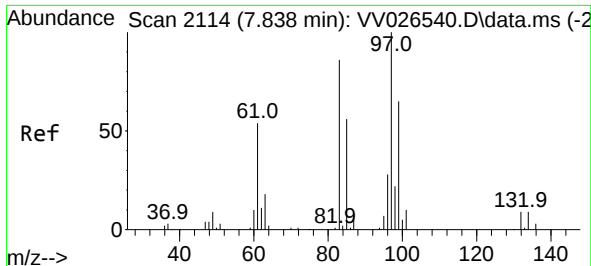
Tgt Ion: 75 Resp: 57415

Ion Ratio Lower Upper

75 100

77 33.3 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.164 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

Tgt Ion: 97 Resp: 48561

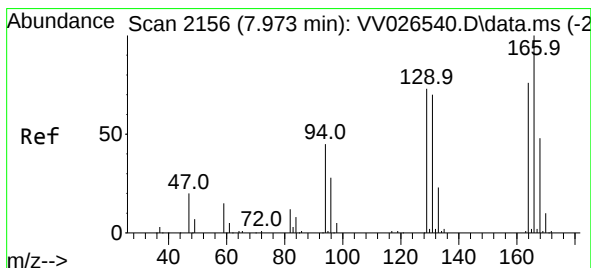
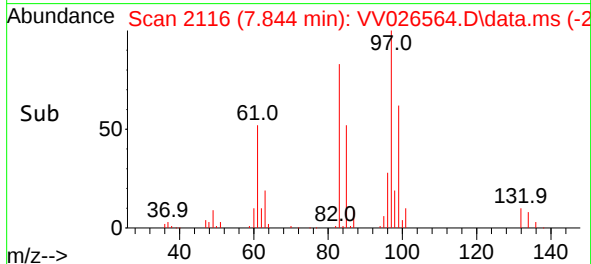
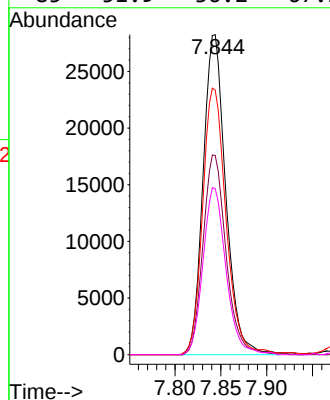
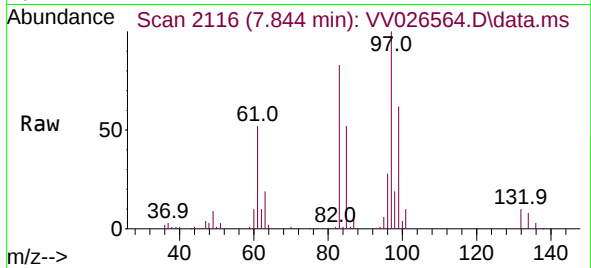
Ion Ratio Lower Upper

97 100

99 62.2 43.4 80.6

83 82.7 58.0 107.8

85 51.9 36.2 67.2



#47

Tetrachloroethene

Concen: 4.856 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Tgt Ion:164 Resp: 62888

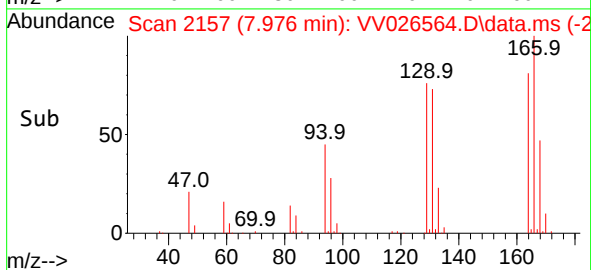
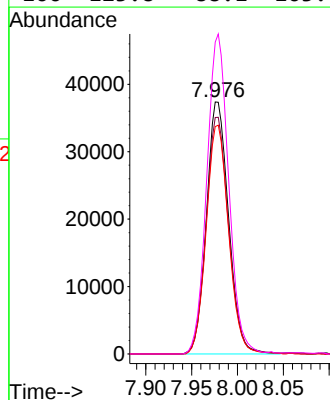
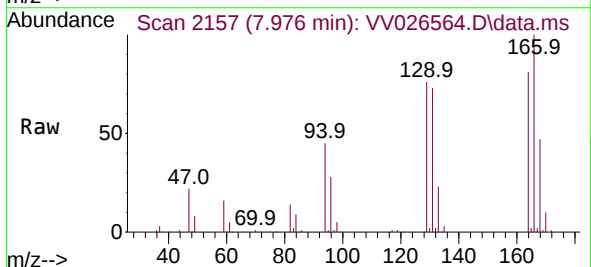
Ion Ratio Lower Upper

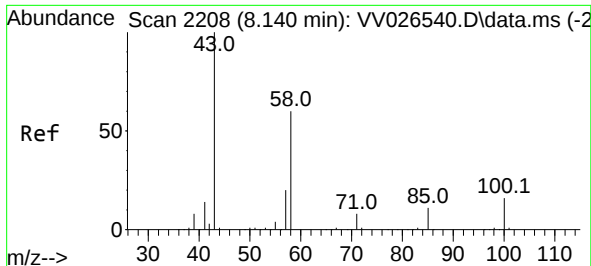
164 100

129 93.9 66.4 123.2

131 90.3 64.4 119.6

166 123.8 88.1 163.7

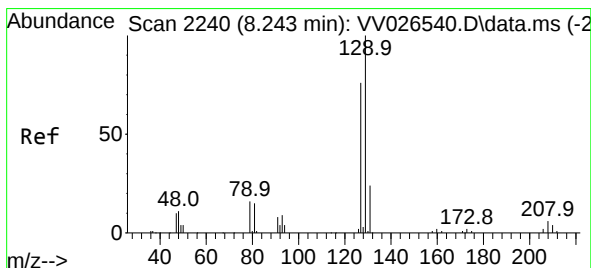
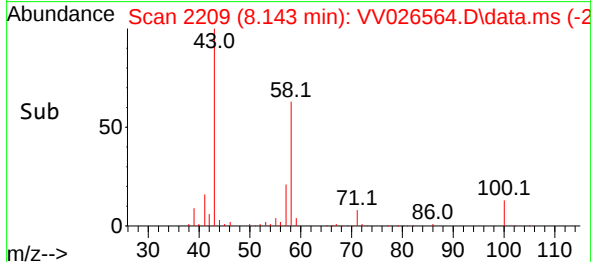
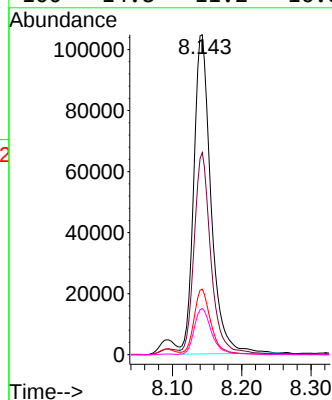
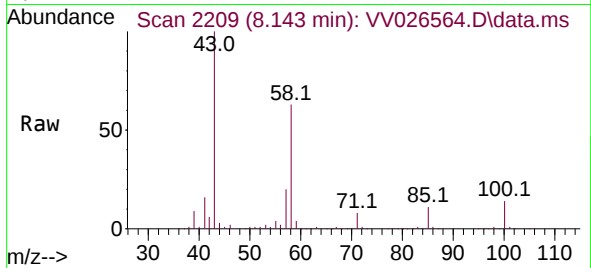




#48
2-Hexanone
Concen: 51.615 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

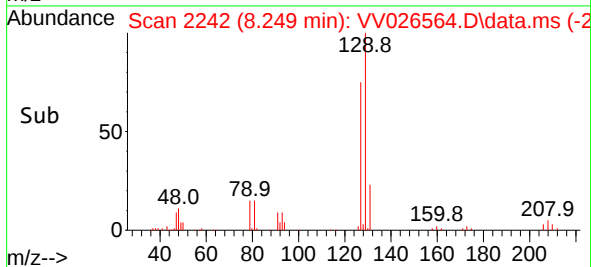
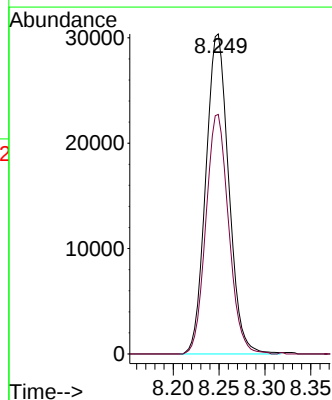
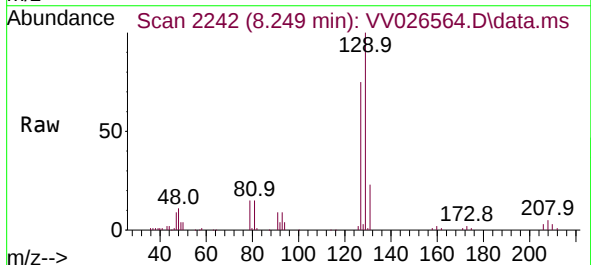
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

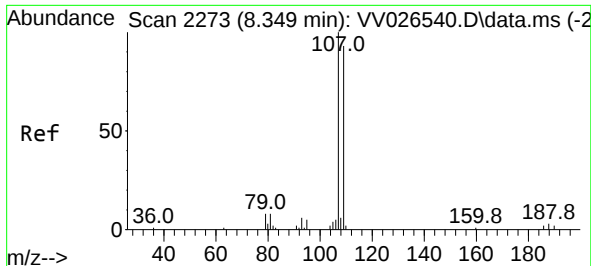
Tgt Ion: 43 Resp: 180981
Ion Ratio Lower Upper
43 100
58 61.0 47.8 71.6
57 20.1 15.0 22.6
100 14.8 11.2 16.8



#49
Dibromochloromethane
Concen: 5.545 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 129 Resp: 52799
Ion Ratio Lower Upper
129 100
127 74.9 54.2 100.6





#50

1,2-Dibromoethane

Concen: 4.948 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

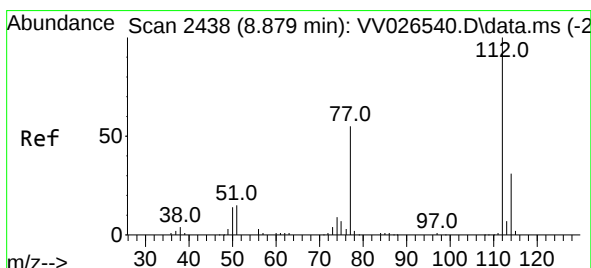
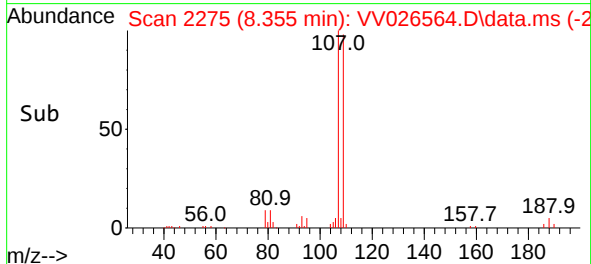
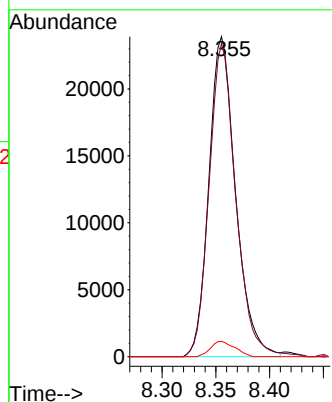
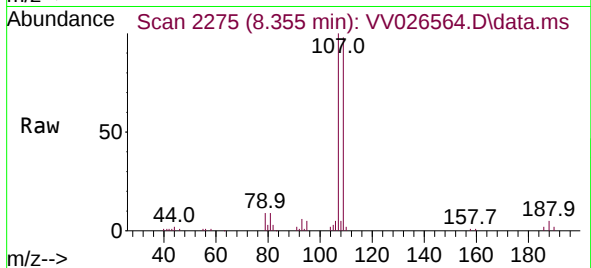
Tgt Ion:107 Resp: 41372

Ion Ratio Lower Upper

107 100

109 97.8 67.8 125.8

188 4.8 3.2 4.8#



#51

Chlorobenzene

Concen: 4.988 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

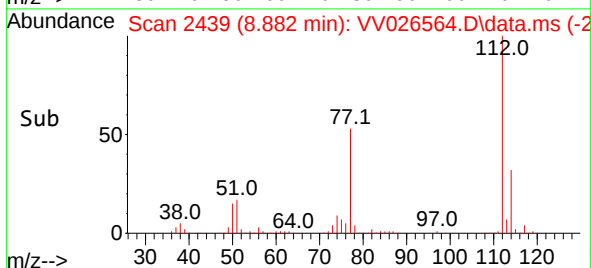
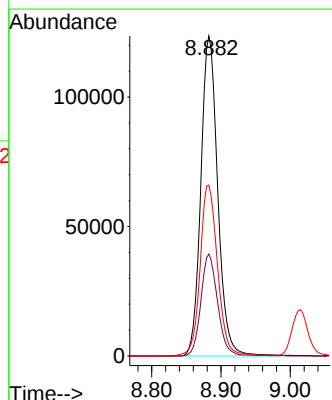
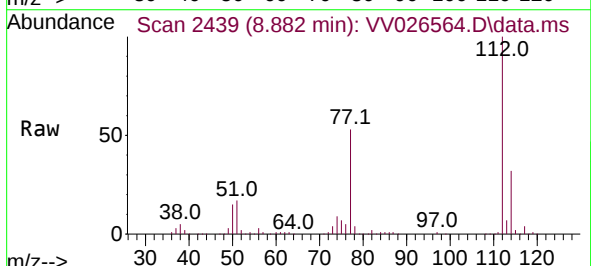
Tgt Ion:112 Resp: 208695

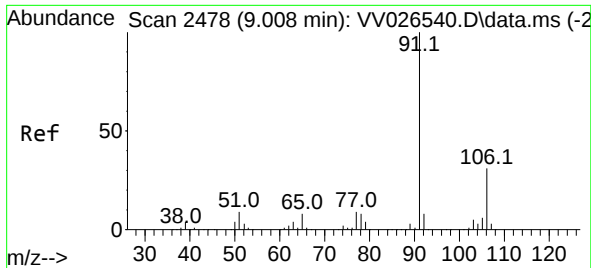
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 53.4 44.4 66.6

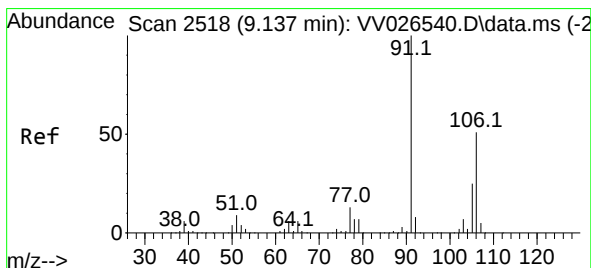
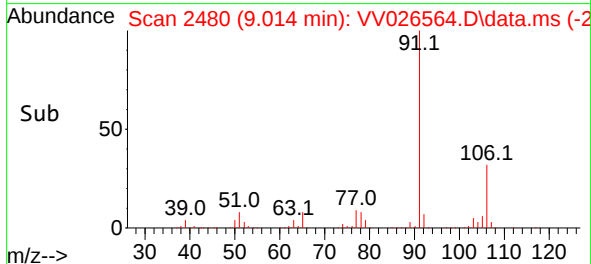
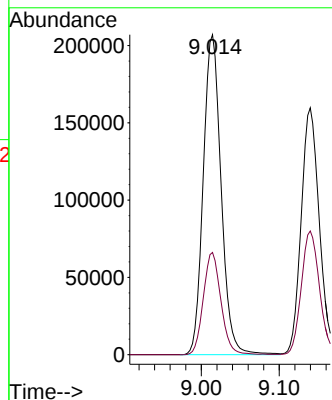
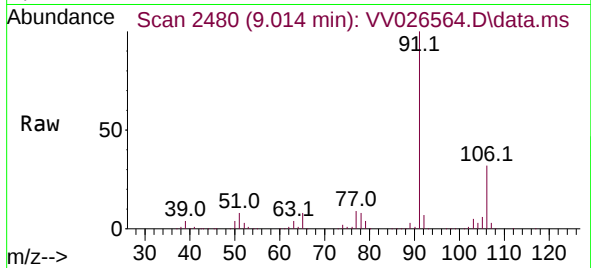




#52
Ethylbenzene
Concen: 4.991 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

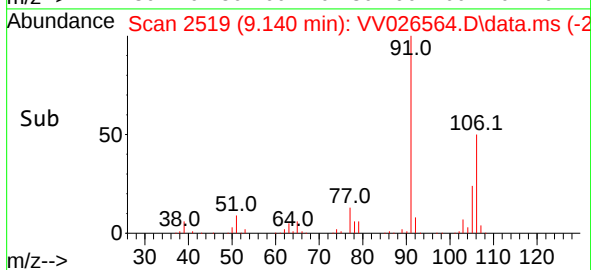
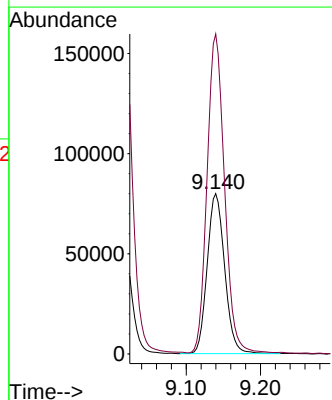
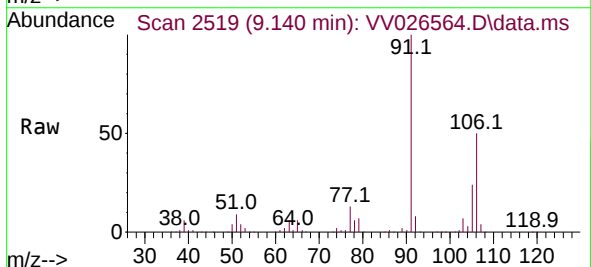
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

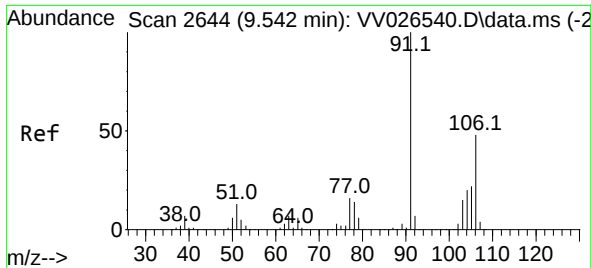
Tgt Ion: 91 Resp: 329673
Ion Ratio Lower Upper
91 100
106 31.9 22.1 41.1



#53
m,p-Xylene
Concen: 5.049 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 106 Resp: 130104
Ion Ratio Lower Upper
106 100
91 199.6 139.9 259.9

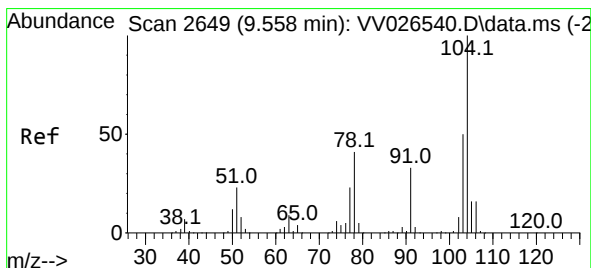
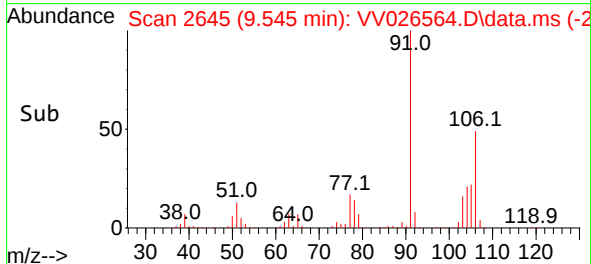
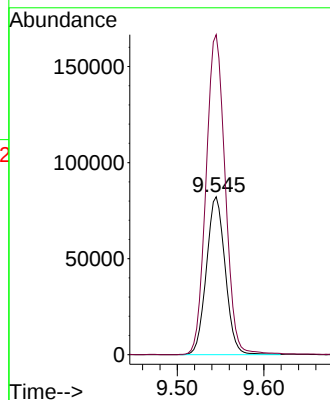
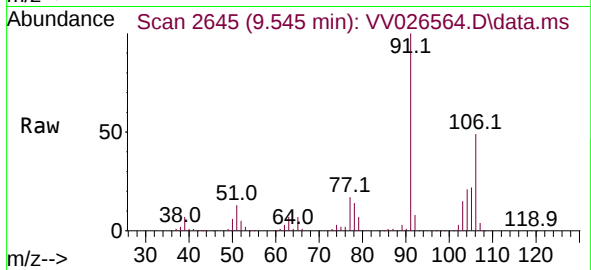




#54
o-Xylene
Concen: 5.128 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

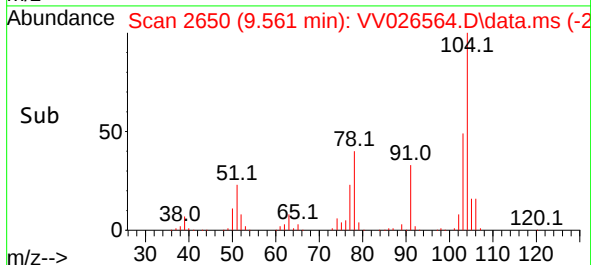
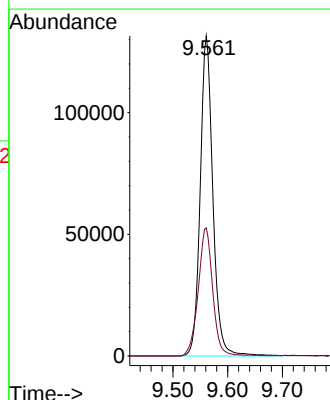
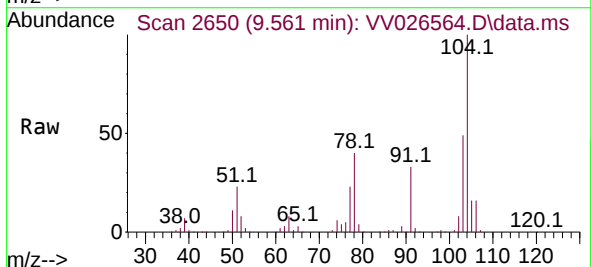
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

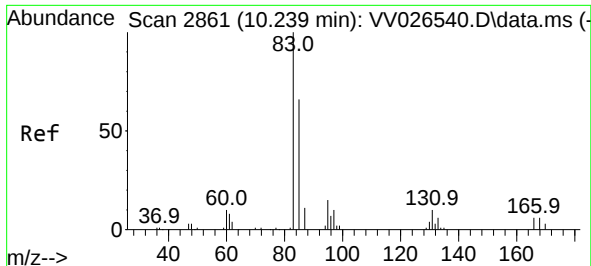
Tgt Ion:106 Resp: 124042
Ion Ratio Lower Upper
106 100
91 202.6 147.5 273.9



#55
Styrene
Concen: 5.270 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion:104 Resp: 211157
Ion Ratio Lower Upper
104 100
78 40.1 28.4 52.8

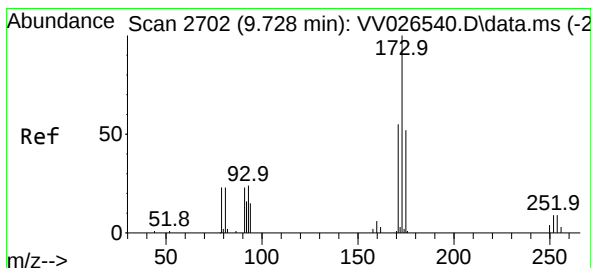
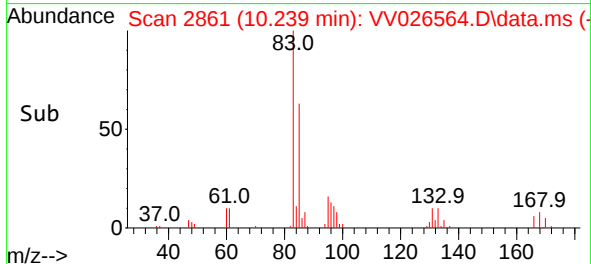
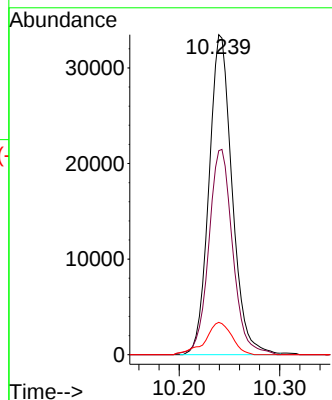
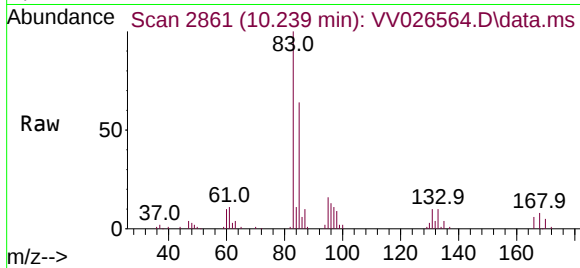




#57
1,1,2,2-Tetrachloroethane
Concen: 5.100 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

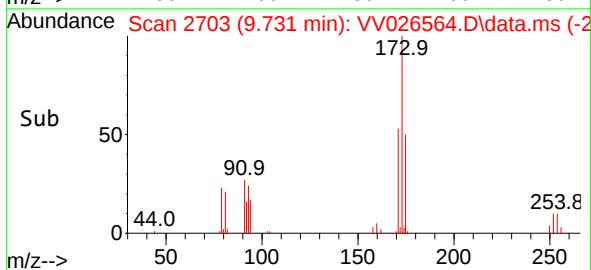
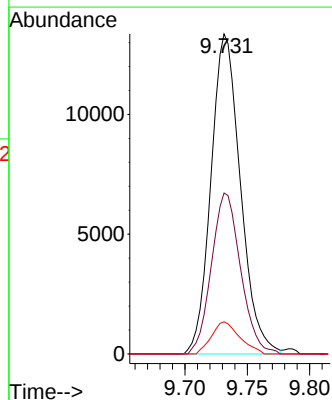
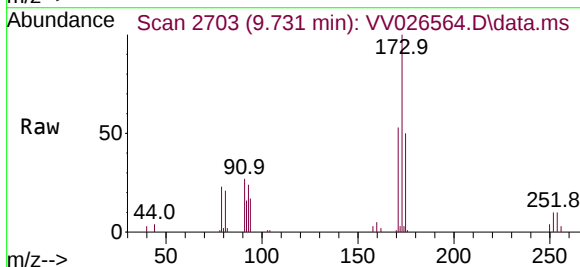
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

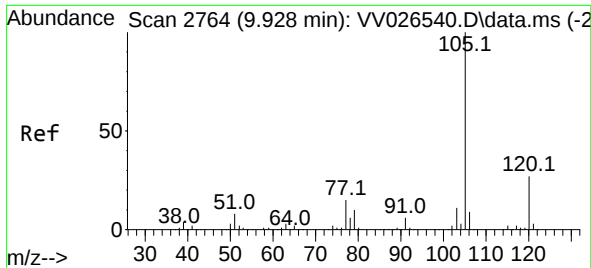
Tgt Ion: 83 Resp: 53558
Ion Ratio Lower Upper
83 100
85 63.8 44.3 82.3
131 10.1 8.0 12.0



#59
Bromoform
Concen: 5.524 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 173 Resp: 21963
Ion Ratio Lower Upper
173 100
175 49.8 37.9 56.9
254 9.6 6.3 9.5

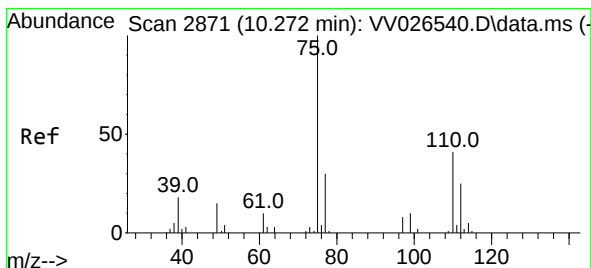
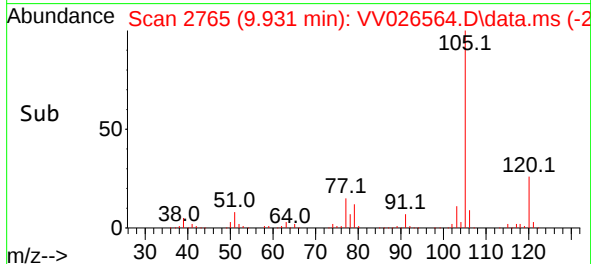
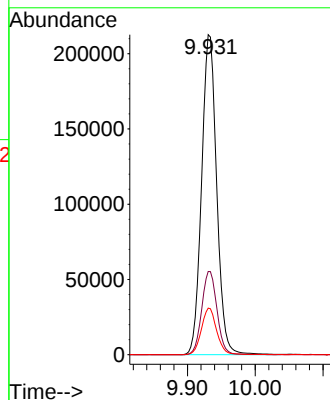
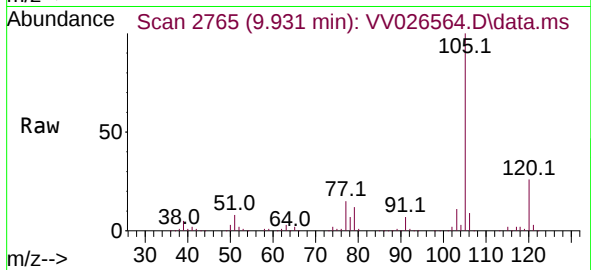




#60
Isopropylbenzene
Concen: 4.947 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

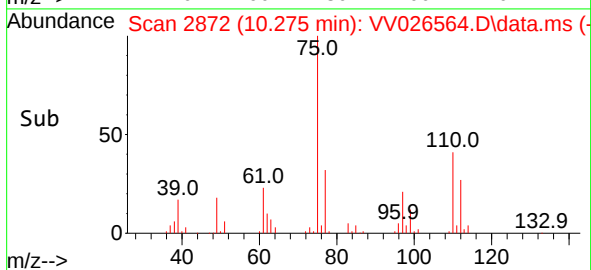
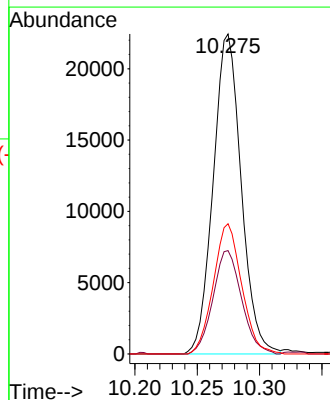
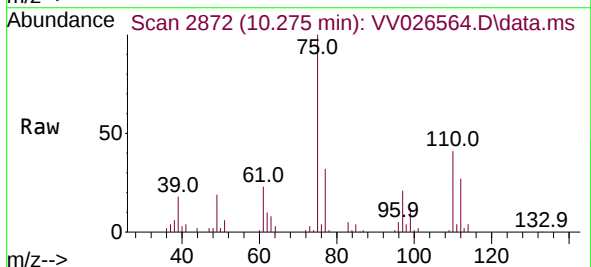
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

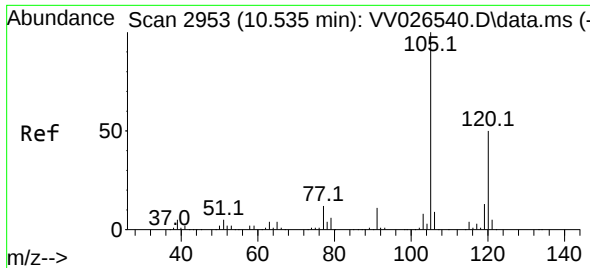
Tgt Ion:105 Resp: 329209
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.021 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 75 Resp: 35081
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.6
110 41.1 32.5 48.7

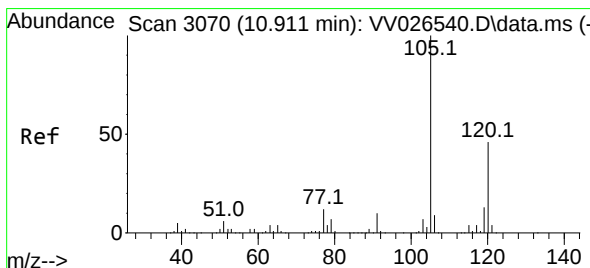
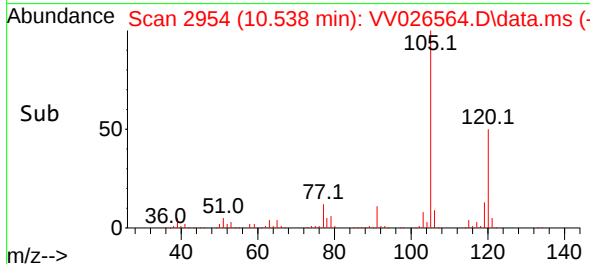
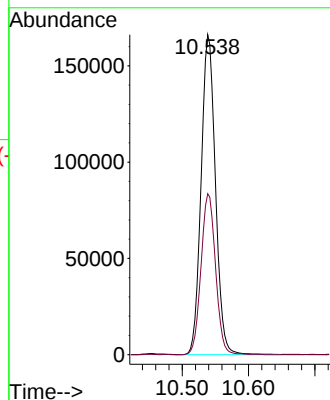
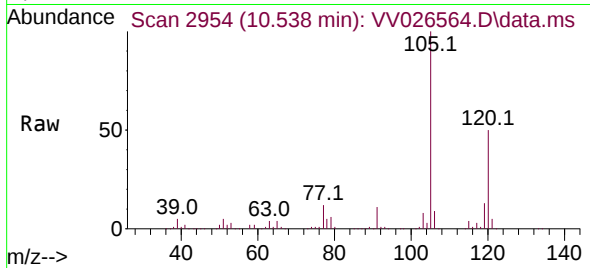




#62
 1,3,5-Trimethylbenzene
 Concen: 4.739 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

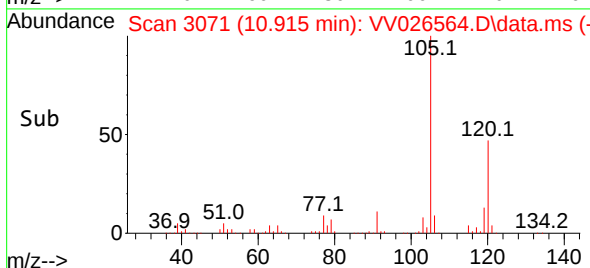
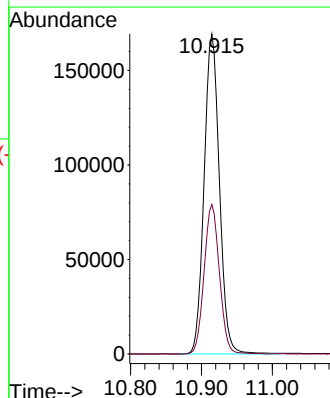
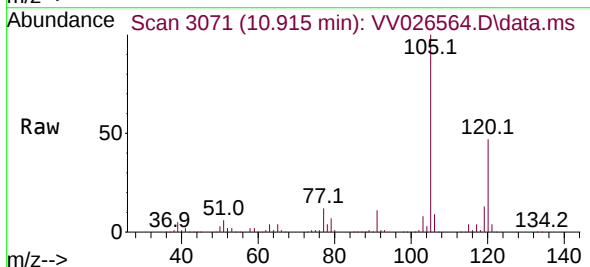
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

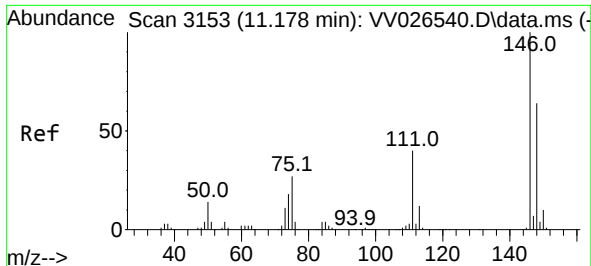
Tgt Ion:105 Resp: 249282
 Ion Ratio Lower Upper
 105 100
 120 51.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.901 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

Tgt Ion:105 Resp: 254214
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.4 56.2

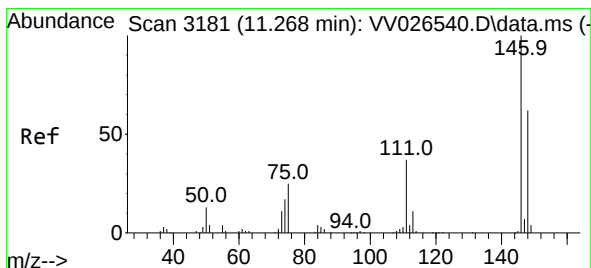
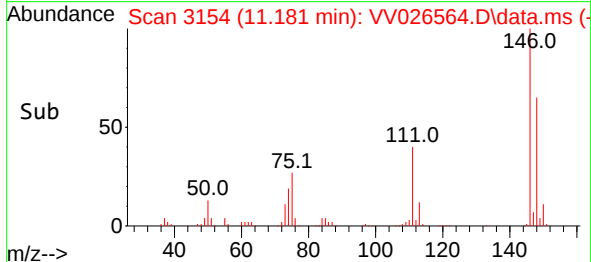
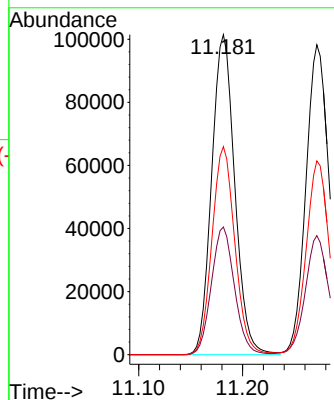
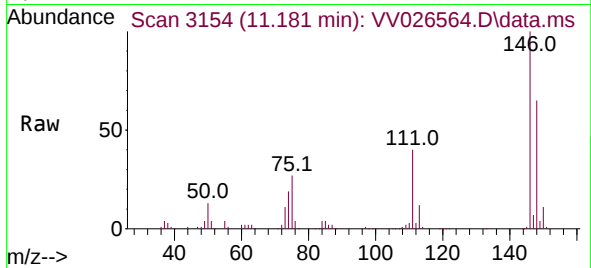




#64
 1,3-Dichlorobenzene
 Concen: 4.837 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

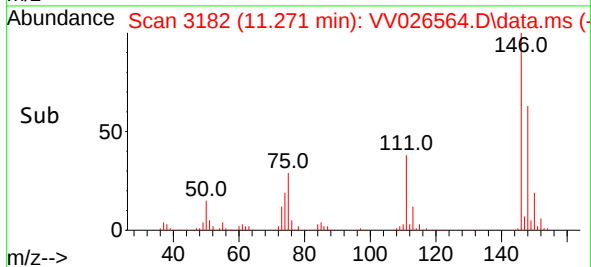
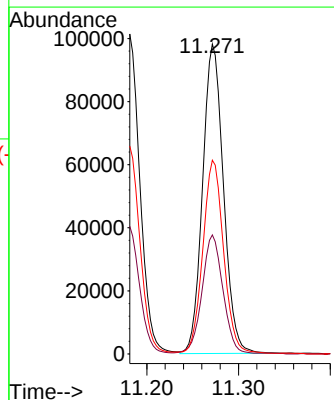
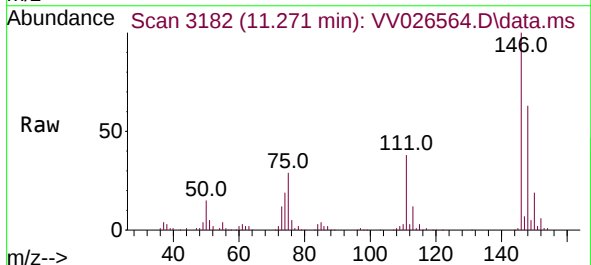
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

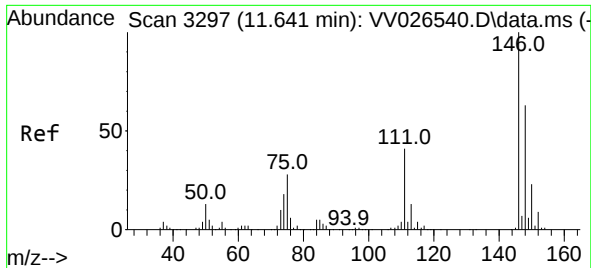
Tgt Ion:146 Resp: 156573
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.9 51.7
 148 65.0 44.6 82.8



#65
 1,4-Dichlorobenzene
 Concen: 4.818 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

Tgt Ion:146 Resp: 154858
 Ion Ratio Lower Upper
 146 100
 111 38.4 26.5 49.3
 148 62.5 43.7 81.1

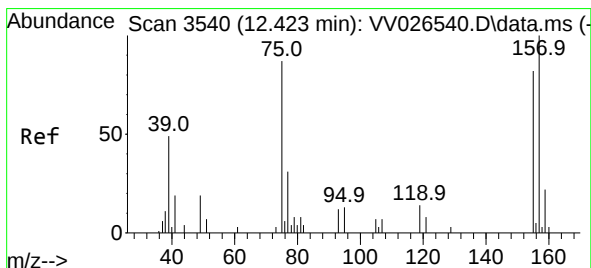
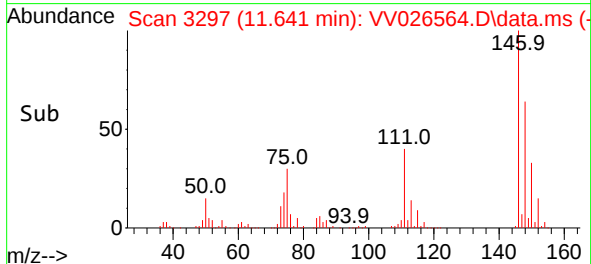
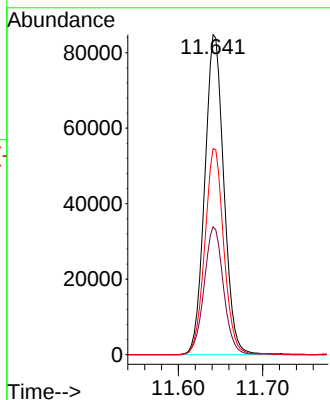
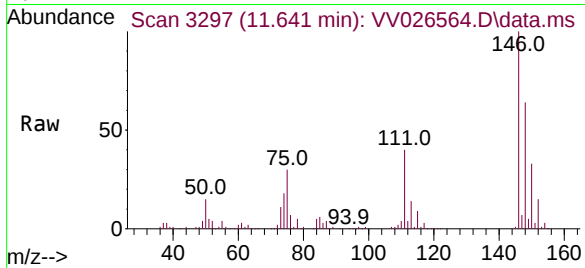




#67
1,2-Dichlorobenzene
Concen: 4.859 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

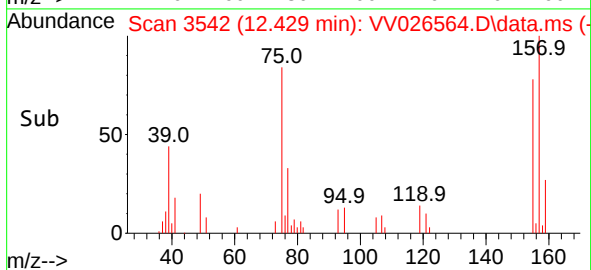
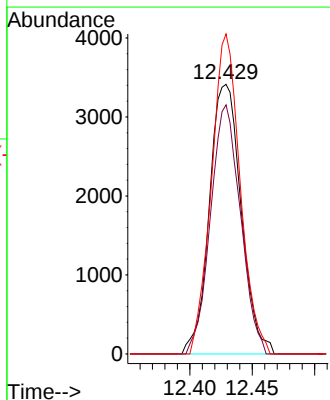
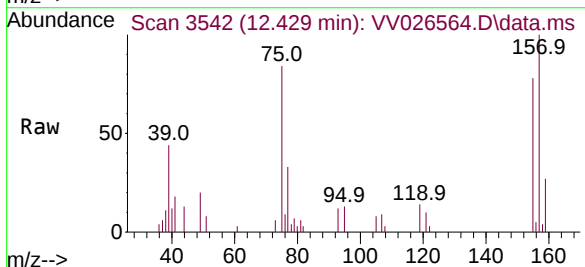
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

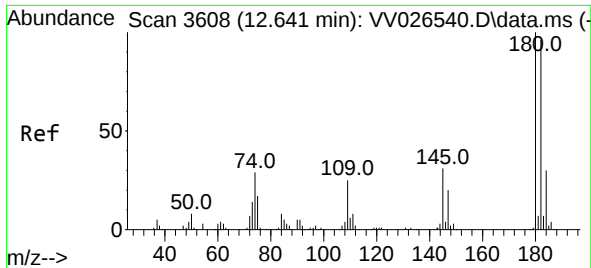
Tgt Ion:146 Resp: 133812
Ion Ratio Lower Upper
146 100
111 39.9 32.8 49.2
148 64.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.824 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.006 min
Lab File: VV026564.D
Acq: 24 Jun 2022 18:35

Tgt Ion: 75 Resp: 6045
Ion Ratio Lower Upper
75 100
155 92.4 74.7 112.1
157 118.7 96.9 145.3

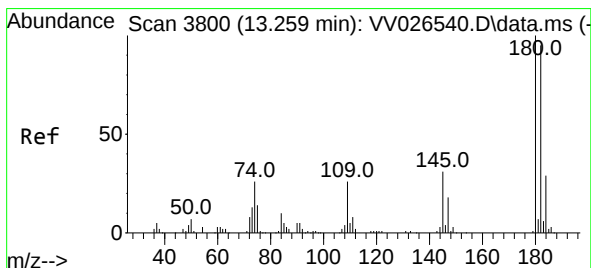
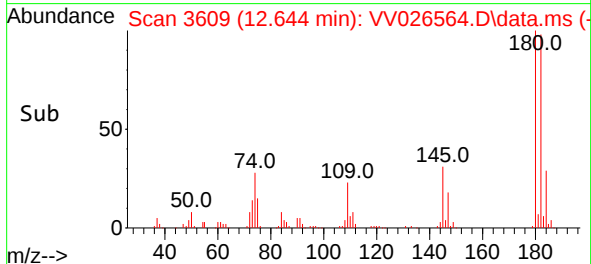
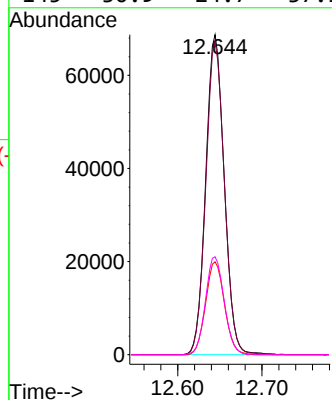
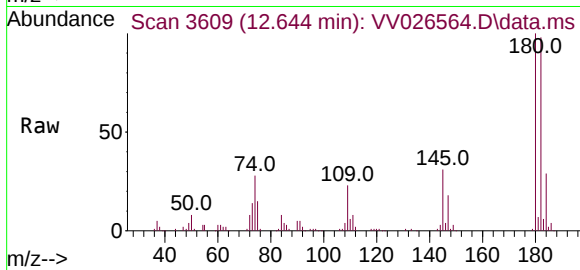




#69
 1,3,5-Trichlorobenzene
 Concen: 4.525 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

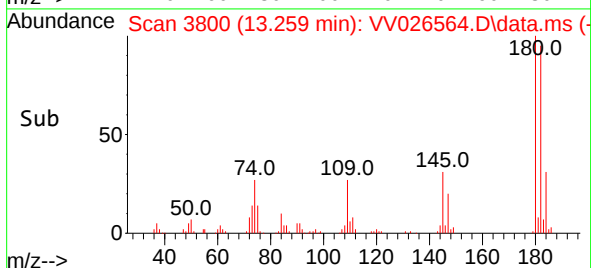
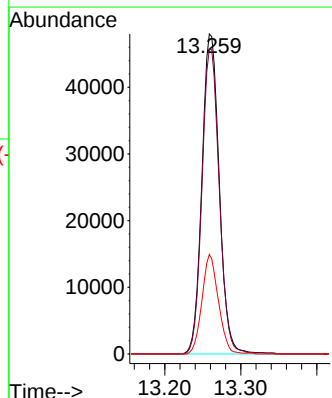
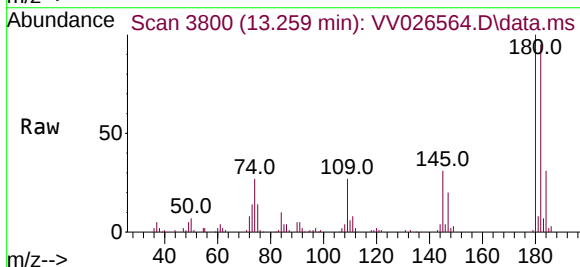
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

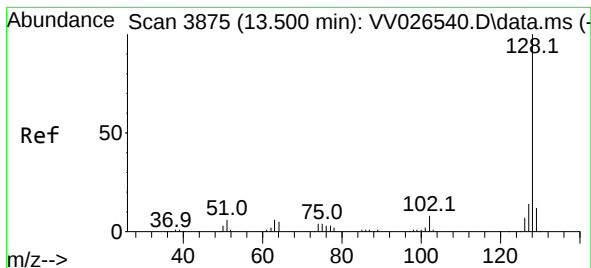
Tgt Ion:180 Resp: 105322
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.6 115.0
 184 29.5 24.1 36.1
 145 30.9 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.631 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026564.D
 Acq: 24 Jun 2022 18:35

Tgt Ion:180 Resp: 76114
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.2 112.8
 145 29.3 24.4 36.6





#71

Naphthalene

Concen: 4.532 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

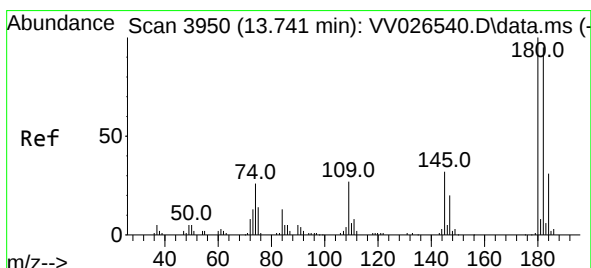
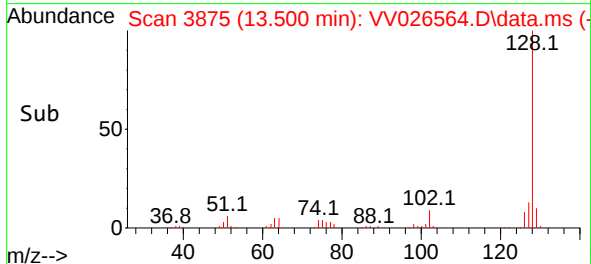
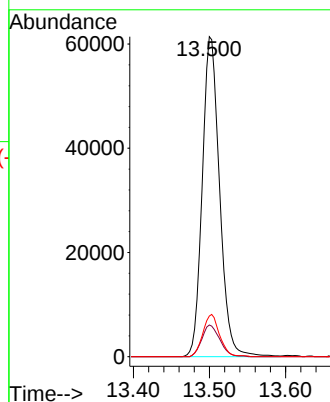
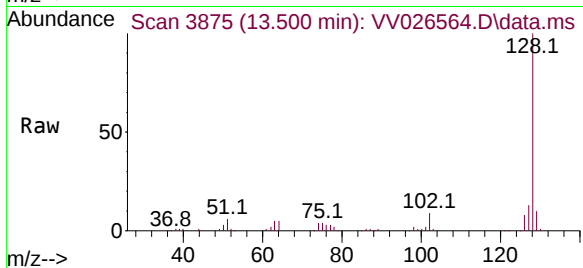
Tgt Ion:128 Resp: 97181

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.664 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026564.D

Acq: 24 Jun 2022 18:35

Tgt Ion:180 Resp: 62729

Ion Ratio Lower Upper

180 100

182 93.1 76.8 115.2

145 32.5 25.8 38.6

