

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026566.D
 Acq On : 27 Jun 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Jun 28 01:47:08 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	5.622	114	234254	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	213761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	111085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	66425	3.526	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.600%	
7) Chloroethane-d5	1.580	69	60136	3.973	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.121	63	125059	3.736	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	3.902	46	113280	60.481	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.960%	
24) Chloroform-d	4.358	84	134481	4.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.040	65	53785	4.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.056	84	254107	4.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
36) 1,2-Dichloropropane-d6	6.072	67	76355	4.522	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.317	98	232764	4.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	7.625	79	22404	5.133	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.600%	
46) 2-Hexanone-d5	8.088	63	85100	51.193	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.380%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53926	4.882	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75781	4.122	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	80630	4.520	ug/L	99
3) Chloromethane	1.252	50	82181	4.213	ug/L	99
5) Vinyl chloride	1.323	62	90421	4.353	ug/L	95
6) Bromomethane	1.535	94	49697	4.420	ug/L	94
8) Chloroethane	1.597	64	66906	4.736	ug/L	98
9) Trichlorofluoromethane	1.764	101	131592	4.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	79114	4.610	ug/L	100
12) 1,1-Dichloroethene	2.130	96	70825	4.477	ug/L	94
13) Acetone	2.195	43	69782	58.729	ug/L	99
14) Carbon disulfide	2.304	76	183750	4.402	ug/L	99
15) Methyl Acetate	2.449	43	17152	5.006	ug/L	94
16) Methylene chloride	2.516	84	76073	4.529	ug/L	95
17) Methyl tert-butyl Ether	2.783	73	121929	4.728	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	73213	4.536	ug/L	98
19) 1,1-Dichloroethane	3.201	63	137547	4.745	ug/L	99
21) 2-Butanone	3.985	43	101553	56.812	ug/L	93
22) cis-1,2-Dichloroethene	3.921	96	75224	4.693	ug/L	99
23) Bromochloromethane	4.256	128	32147	4.870	ug/L	96
25) Chloroform	4.381	83	144167	4.649	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062722\
 Data File : VW026566.D
 Acq On : 27 Jun 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Jun 28 01:47:08 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

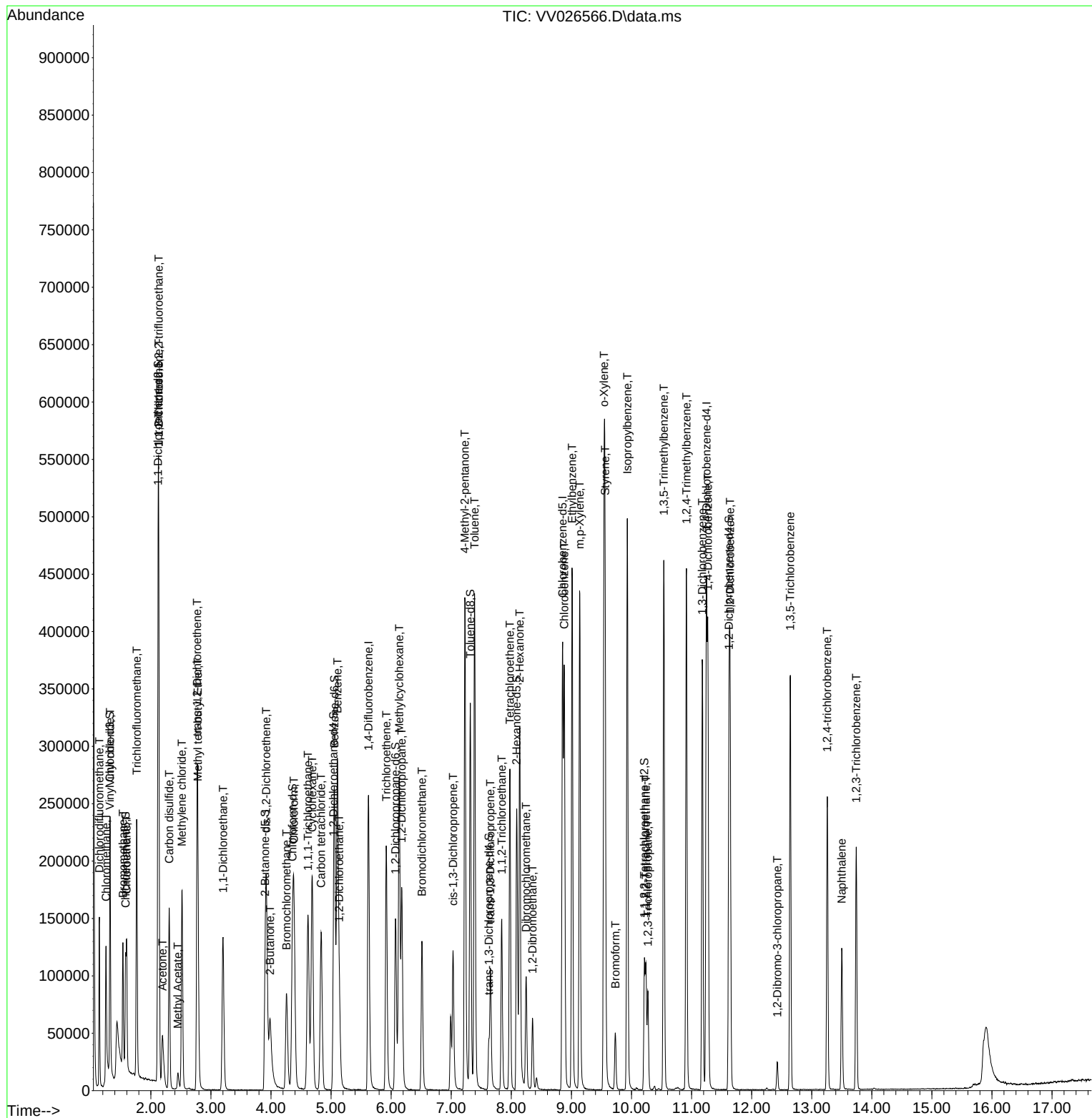
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	66661	4.830	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	128235	4.875	ug/L	98
30) Cyclohexane	4.686	56	93440	4.487	ug/L	100
31) Carbon tetrachloride	4.834	117	105524	4.783	ug/L	99
33) Benzene	5.104	78	304406	4.877	ug/L	100
34) Trichloroethene	5.918	95	75428	4.597	ug/L	98
35) Methylcyclohexane	6.133	83	112165	4.621	ug/L	100
37) 1,2-Dichloropropane	6.175	63	72265	4.804	ug/L	100
38) Bromodichloromethane	6.513	83	87811	4.945	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	79136	5.234	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	264688	52.091	ug/L	97
42) Toluene	7.387	91	324523	5.037	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	62384	5.547	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	47467	5.004	ug/L	99
47) Tetrachloroethene	7.976	164	62354	4.773	ug/L	98
48) 2-Hexanone	8.140	43	189128	53.470	ug/L	98
49) Dibromochloromethane	8.246	129	51441	5.355	ug/L	99
50) 1,2-Dibromoethane	8.352	107	41751	4.950	ug/L	97
51) Chlorobenzene	8.882	112	204720	4.850	ug/L	98
52) Ethylbenzene	9.011	91	322174	4.835	ug/L	99
53) m,p-Xylene	9.140	106	129191	4.970	ug/L	95
54) o-Xylene	9.545	106	120832	4.952	ug/L	94
55) Styrene	9.561	104	207258	5.128	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	51835	4.893	ug/L	99
59) Bromoform	9.731	173	22712	5.548	ug/L	99
60) Isopropylbenzene	9.931	105	323075	4.716	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34199	4.755	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	246651	4.555	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	250349	4.688	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	157771	4.735	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	154342	4.665	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	134793	4.754	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6165	4.779	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	112347	4.689	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	78319	4.629	ug/L	98
71) Naphthalene	13.500	128	100588	4.557	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65032	4.696	ug/L	98

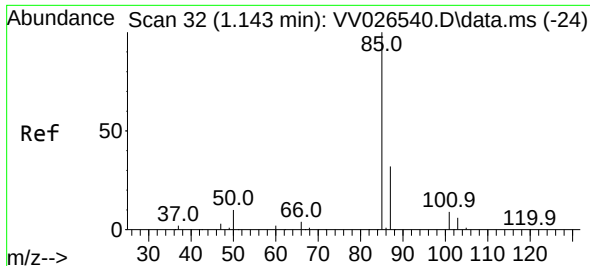
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062722\
 Data File : VV026566.D
 Acq On : 27 Jun 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Jun 28 01:47:08 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

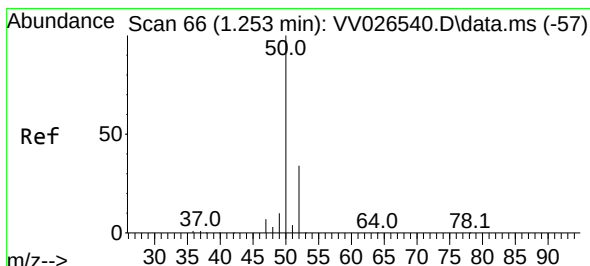
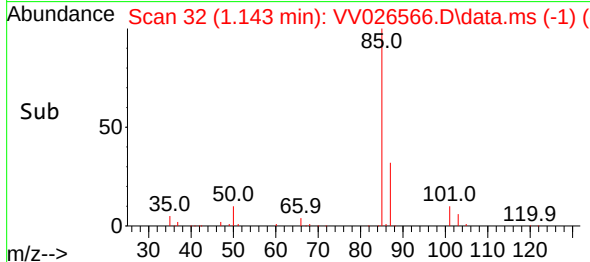
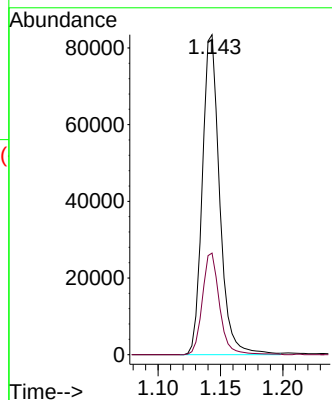
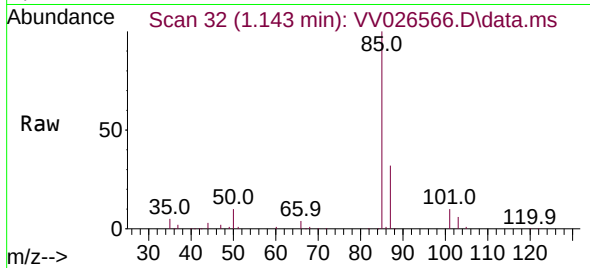




#2
 Dichlorodifluoromethane
 Concen: 4.520 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

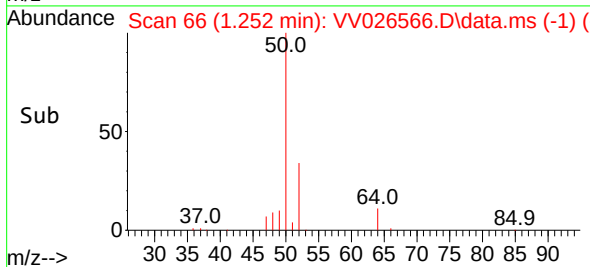
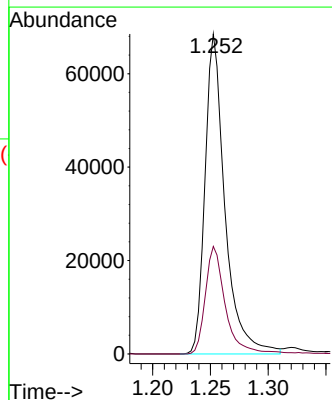
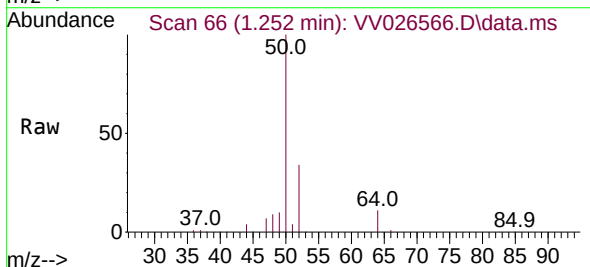
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

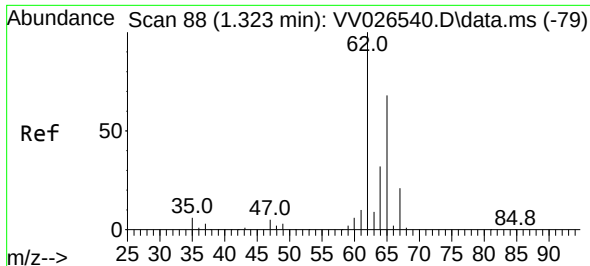
Tgt Ion: 85 Resp: 80630
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.6 38.4



#3
 Chloromethane
 Concen: 4.213 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion: 50 Resp: 82181
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.6

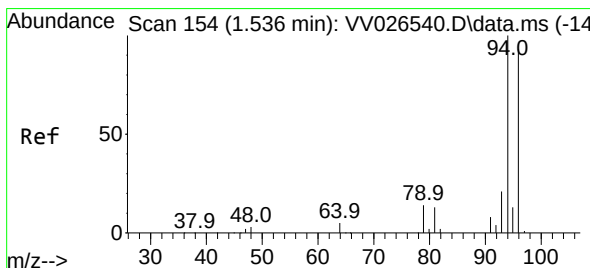
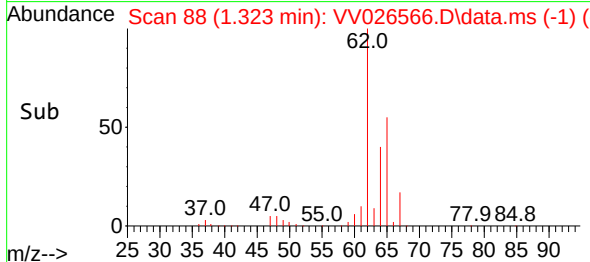
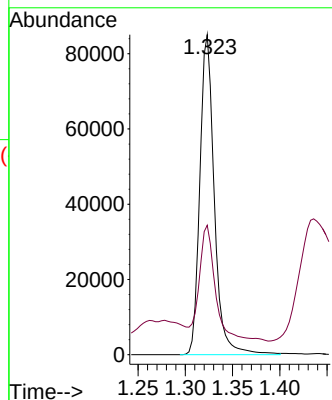
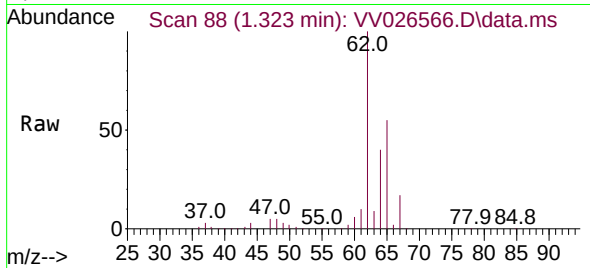




#5
 Vinyl chloride
 Concen: 4.353 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

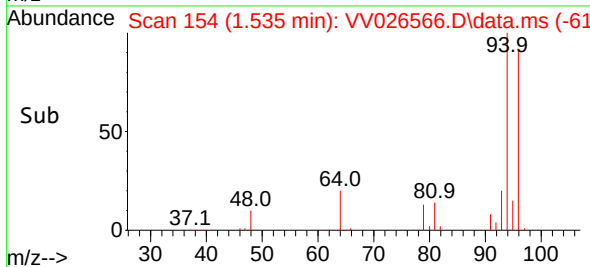
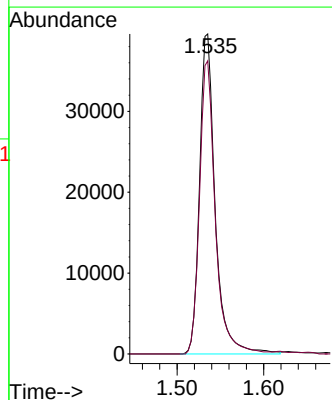
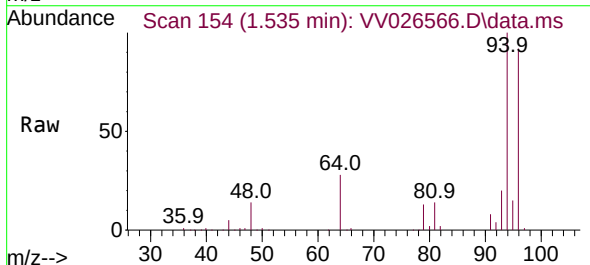
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

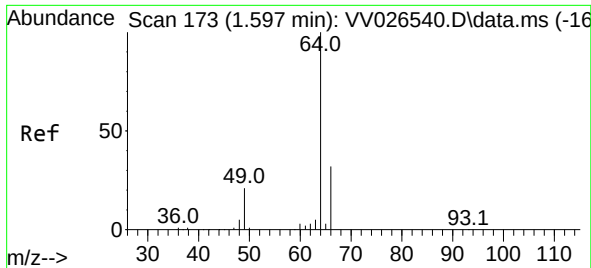
Tgt Ion: 62 Resp: 90421
 Ion Ratio Lower Upper
 62 100
 64 40.5 26.2 48.6



#6
 Bromomethane
 Concen: 4.420 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion: 94 Resp: 49697
 Ion Ratio Lower Upper
 94 100
 96 91.6 68.0 126.2

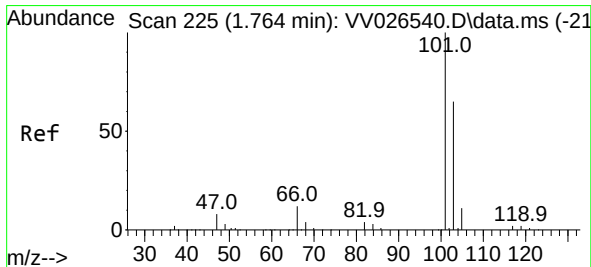
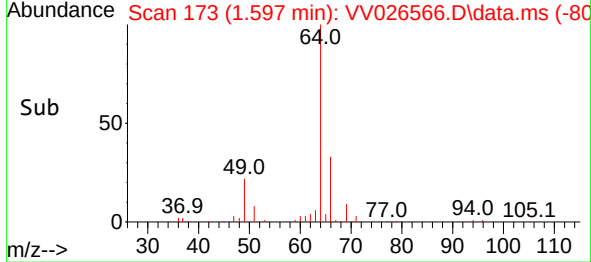
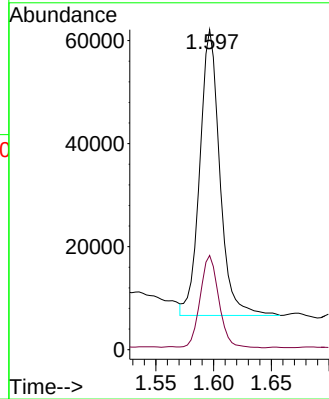
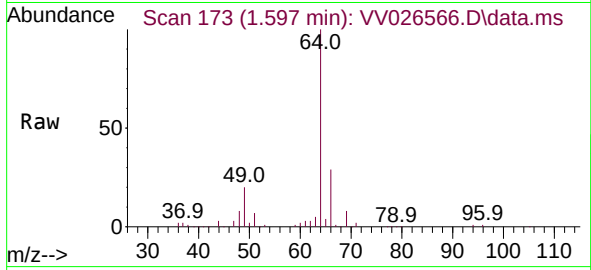




#8
Chloroethane
Concen: 4.736 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

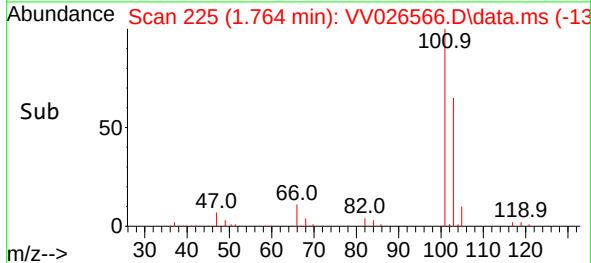
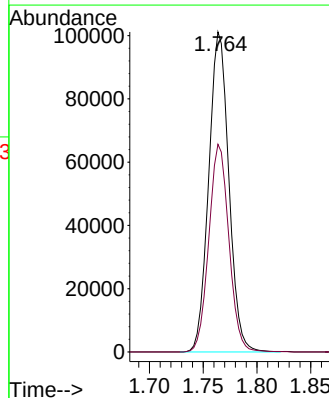
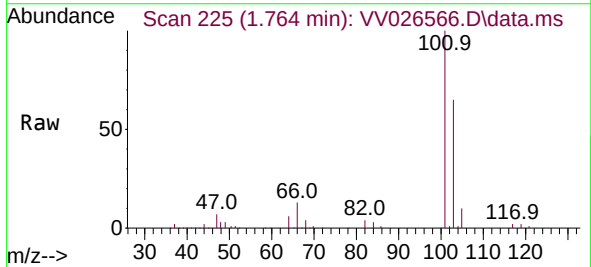
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

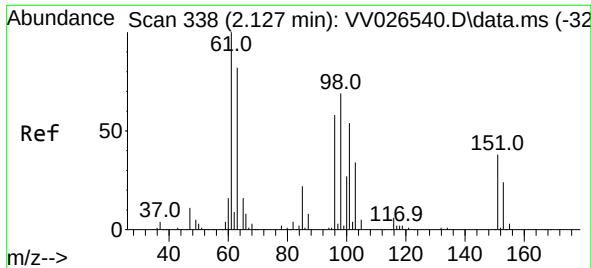
Tgt Ion: 64 Resp: 66906
Ion Ratio Lower Upper
64 100
66 29.5 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.543 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion:101 Resp: 131592
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

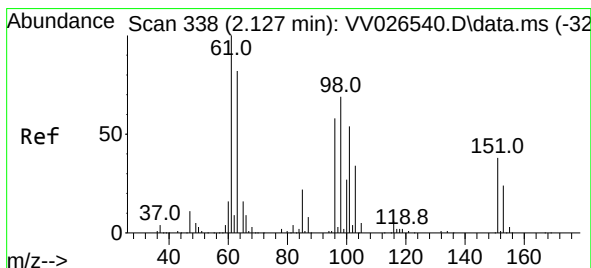
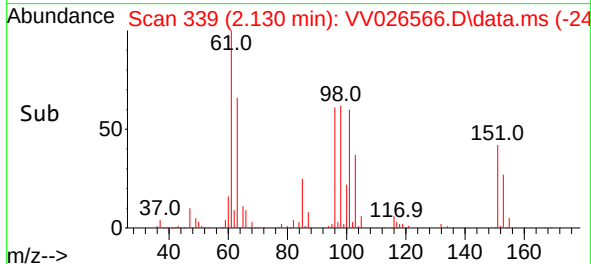
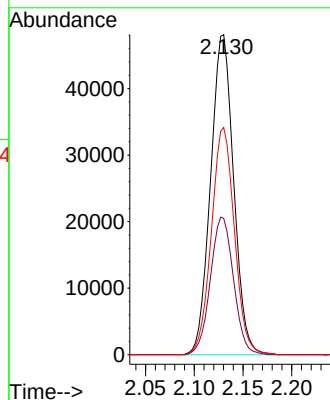
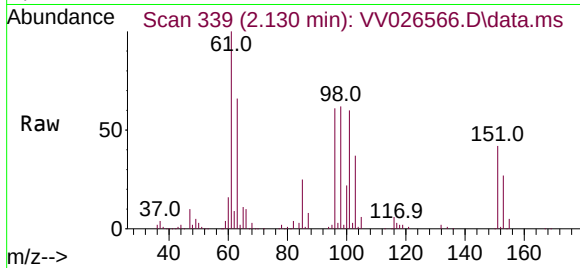




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.610 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

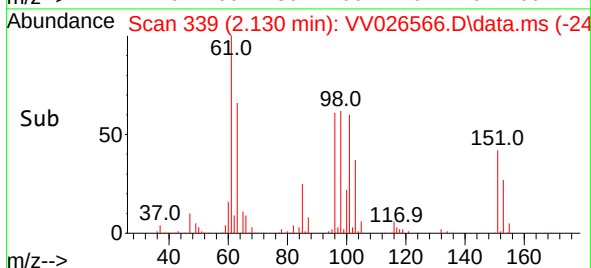
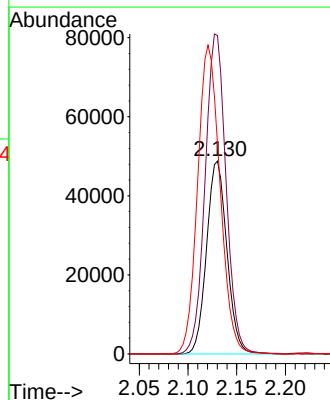
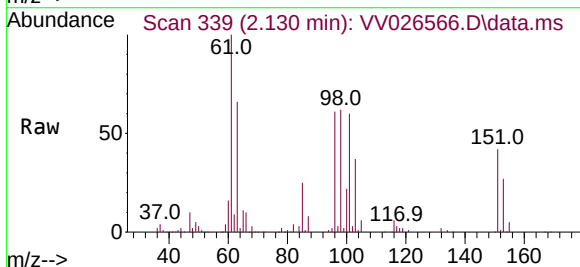
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

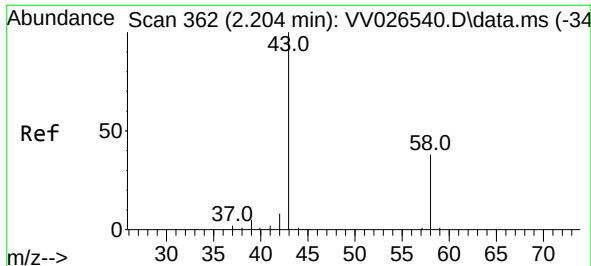
Tgt Ion:101 Resp: 79114
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.2 51.4
 151 71.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.477 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion: 96 Resp: 70825
 Ion Ratio Lower Upper
 96 100
 61 165.1 115.4 214.4
 63 109.1 87.4 162.2





#13

Acetone

Concen: 58.729 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

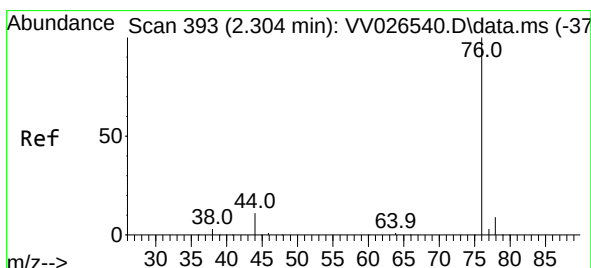
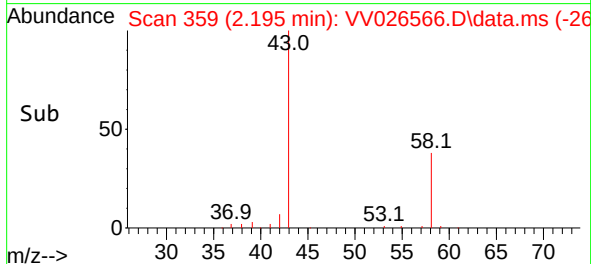
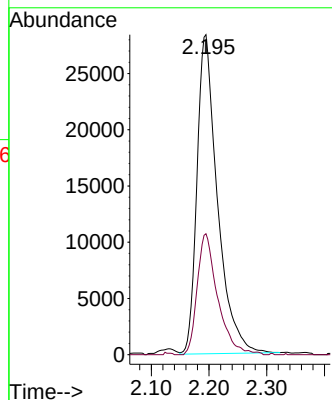
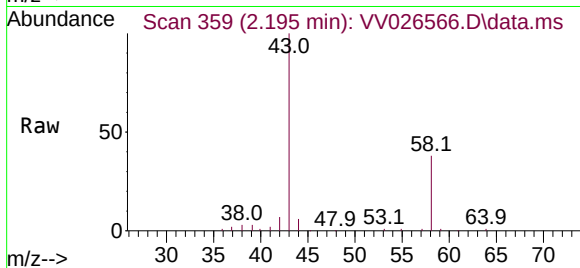
VSTD005337

Tgt Ion: 43 Resp: 69782

Ion Ratio Lower Upper

43 100

58 37.9 0.0 75.0



#14

Carbon disulfide

Concen: 4.402 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.000 min

Lab File: VV026566.D

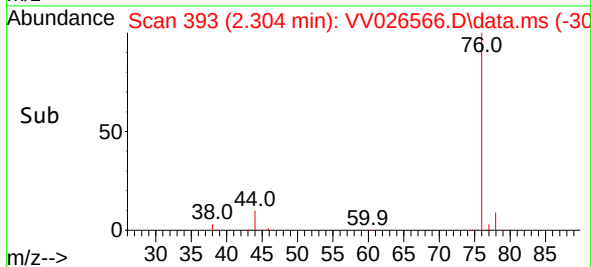
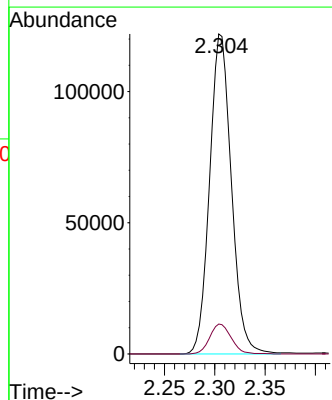
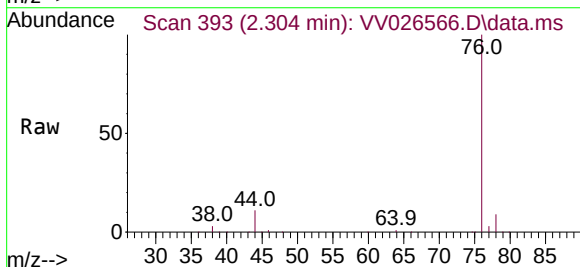
Acq: 27 Jun 2022 10:19

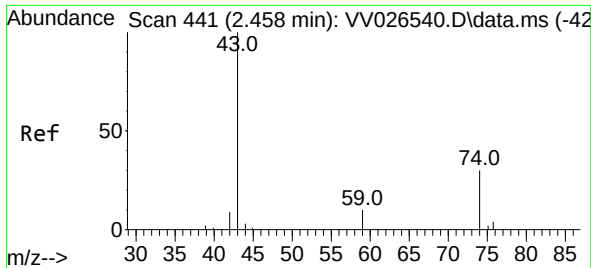
Tgt Ion: 76 Resp: 183750

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

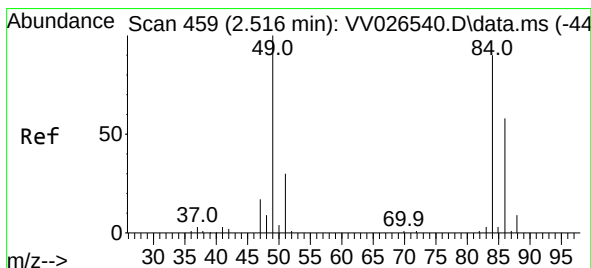
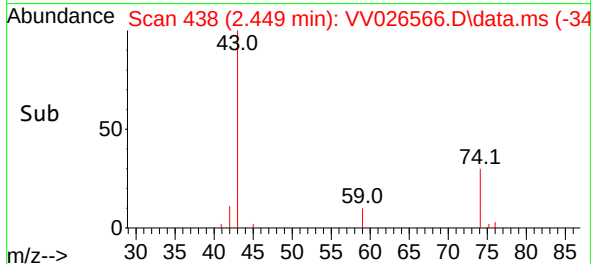
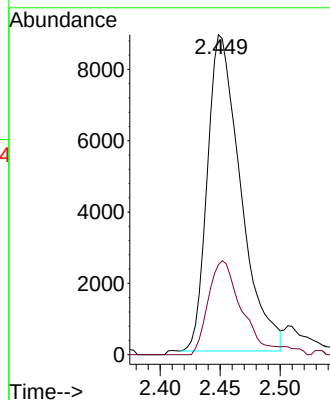
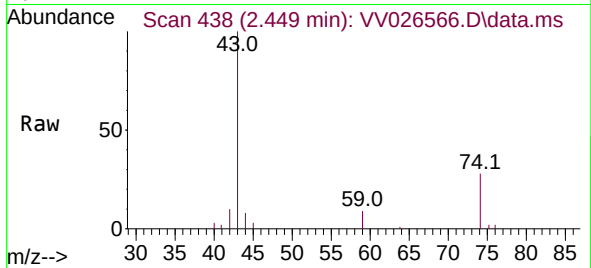




#15
Methyl Acetate
Concen: 5.006 ug/L
RT: 2.449 min Scan# 411
Delta R.T. -0.010 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

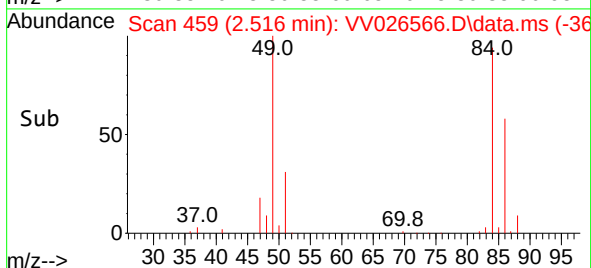
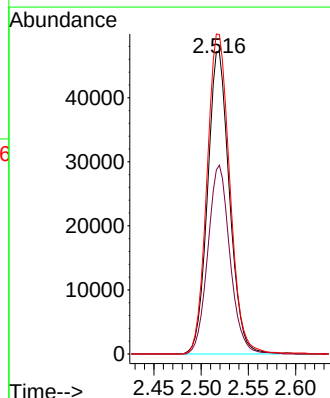
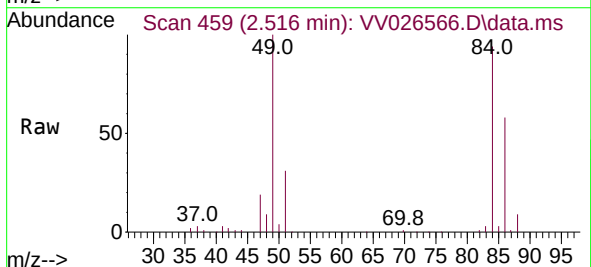
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

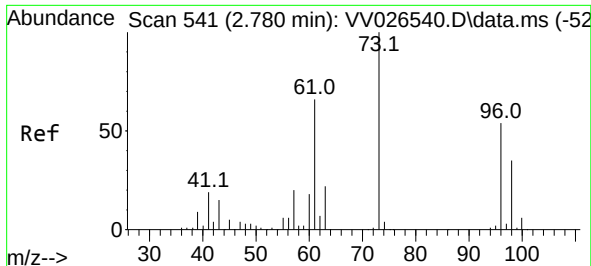
Tgt Ion: 43 Resp: 17152
Ion Ratio Lower Upper
43 100
74 30.8 22.1 33.1



#16
Methylene chloride
Concen: 4.529 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 84 Resp: 76073
Ion Ratio Lower Upper
84 100
86 60.9 46.0 85.4
49 105.9 77.7 144.3

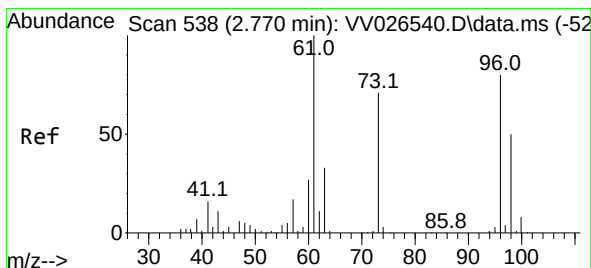
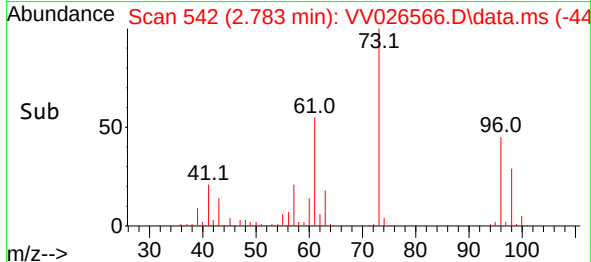
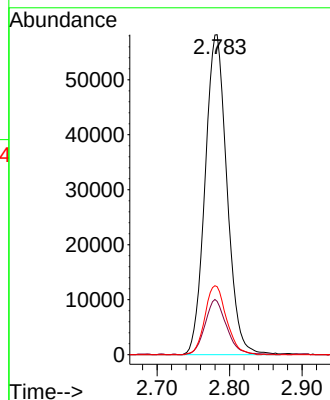
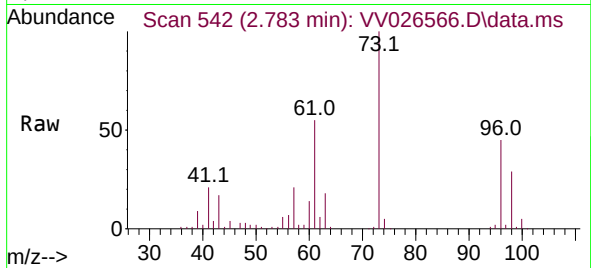




#17
Methyl tert-butyl Ether
Concen: 4.728 ug/L
RT: 2.783 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

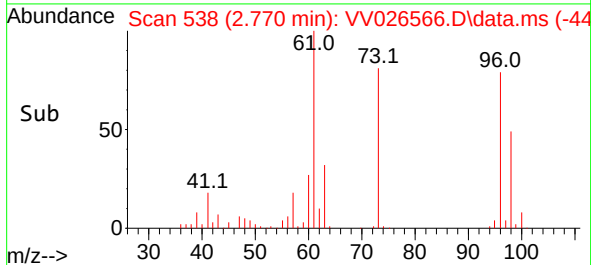
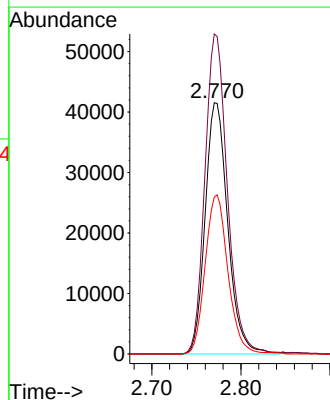
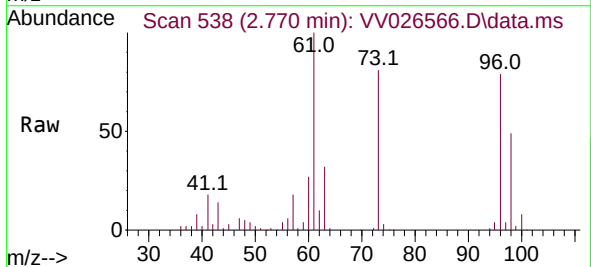
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

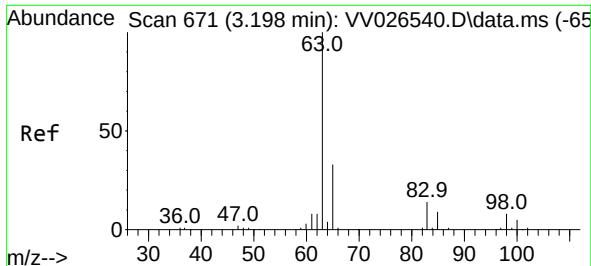
Tgt Ion: 73 Resp: 121929
Ion Ratio Lower Upper
73 100
43 17.0 13.3 19.9
57 21.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.536 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 96 Resp: 73213
Ion Ratio Lower Upper
96 100
61 127.4 90.4 167.8
98 62.4 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.745 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

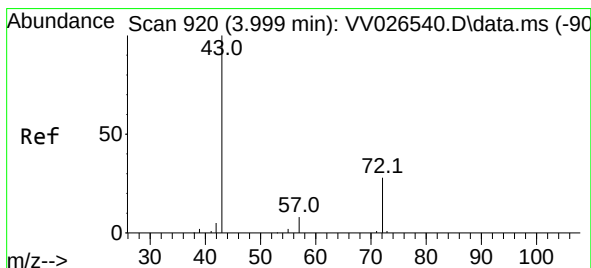
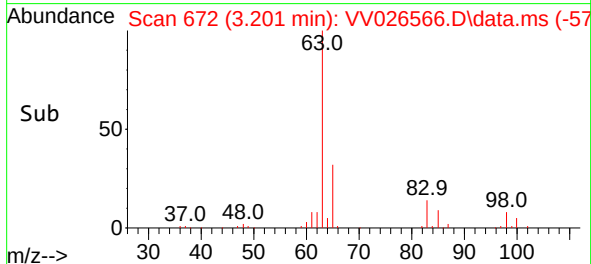
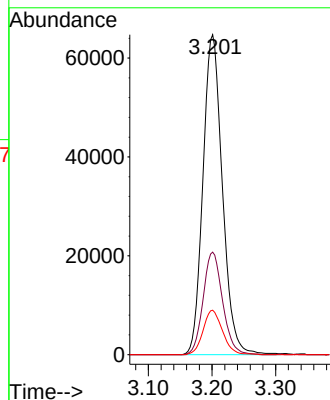
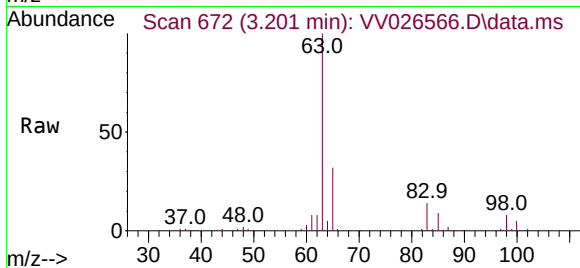
Tgt Ion: 63 Resp: 137547

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

83 13.9 10.2 19.0



#21

2-Butanone

Concen: 56.812 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.013 min

Lab File: VV026566.D

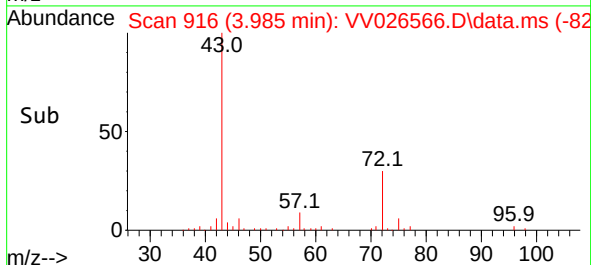
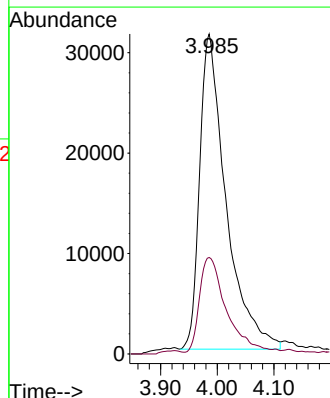
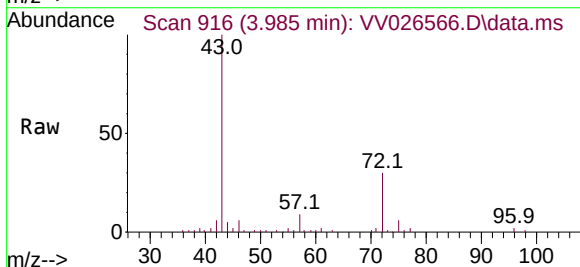
Acq: 27 Jun 2022 10:19

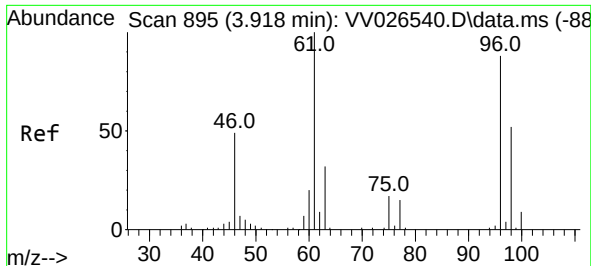
Tgt Ion: 43 Resp: 101553

Ion Ratio Lower Upper

43 100

72 30.5 13.5 40.5



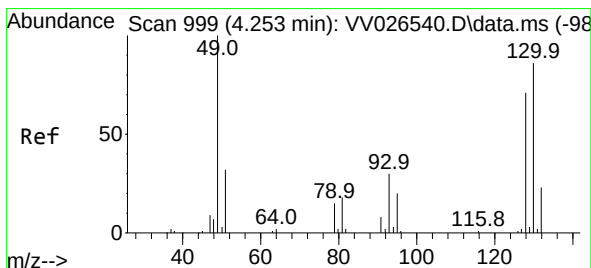
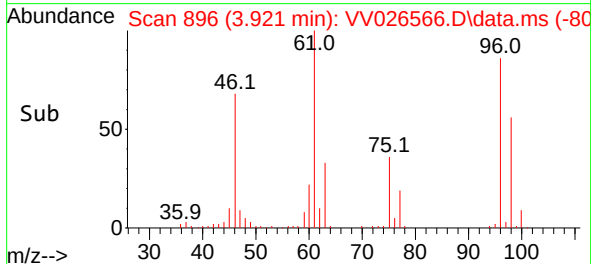
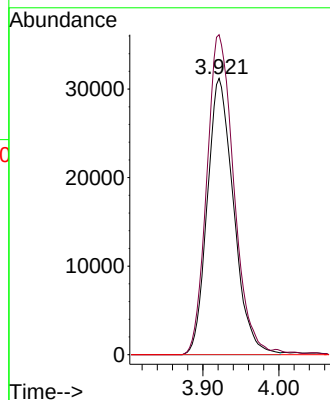
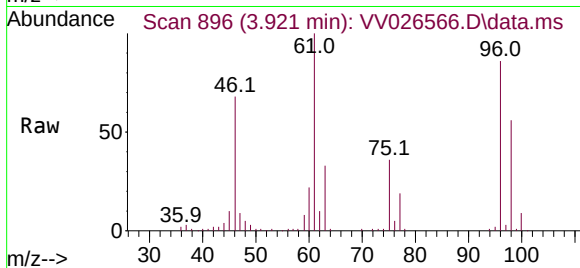


#22
 cis-1,2-Dichloroethene
 Concen: 4.693 ug/L
 RT: 3.921 min Scan# 895
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Tgt Ion: 96 Resp: 75224

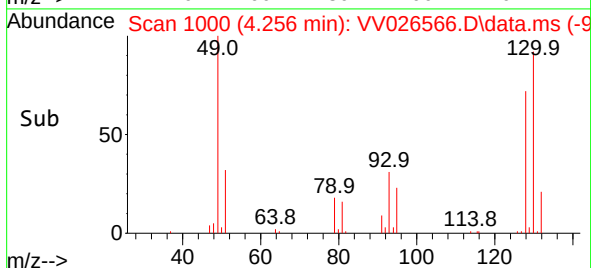
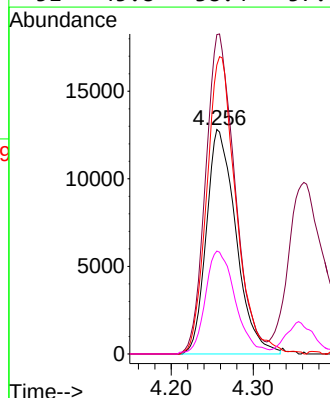
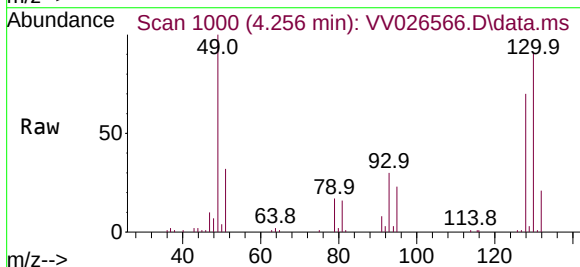
Ion	Ratio	Lower	Upper
96	100		
61	115.8	82.0	152.2
68	0.0	0.0	0.0

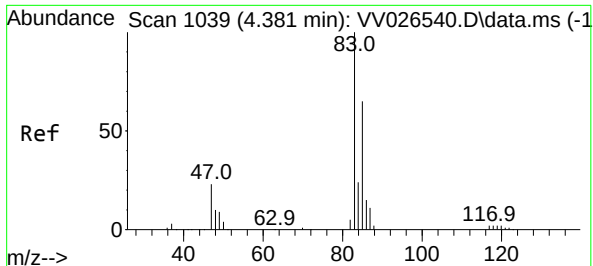


#23
 Bromochloromethane
 Concen: 4.870 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion: 128 Resp: 32147

Ion	Ratio	Lower	Upper
128	100		
49	142.2	104.0	193.1
130	128.8	93.4	173.6
51	45.8	38.4	57.6





#25

Chloroform

Concen: 4.649 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

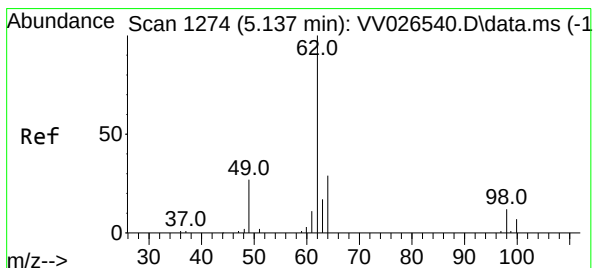
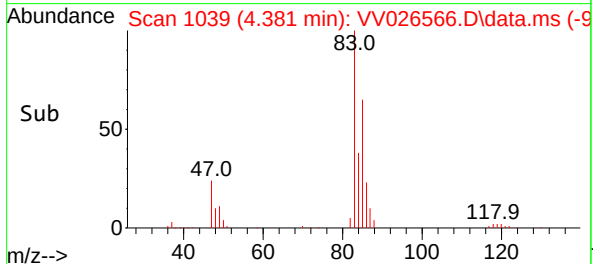
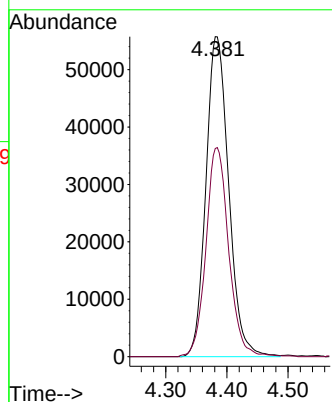
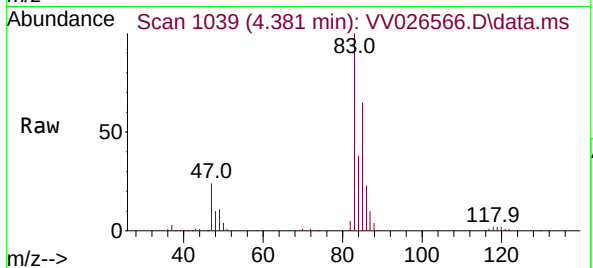
VSTD005337

Tgt Ion: 83 Resp: 144167

Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.8



#27

1,2-Dichloroethane

Concen: 4.830 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV026566.D

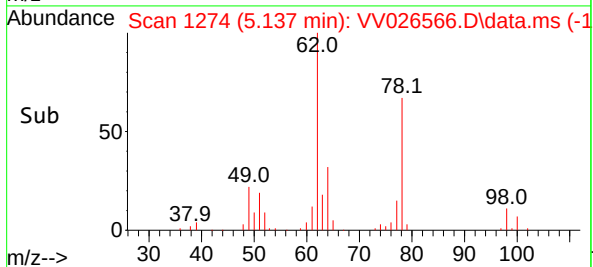
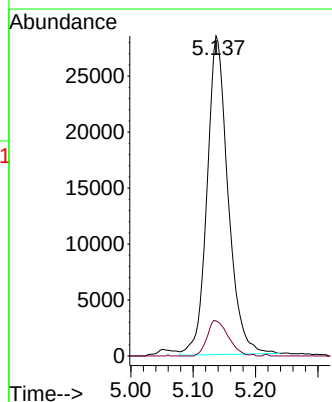
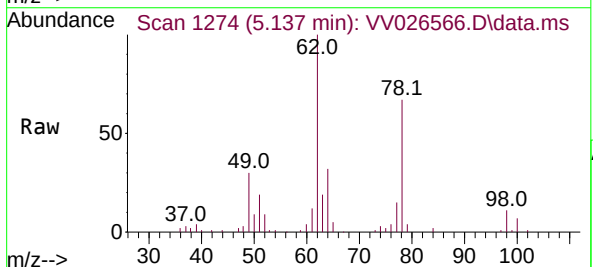
Acq: 27 Jun 2022 10:19

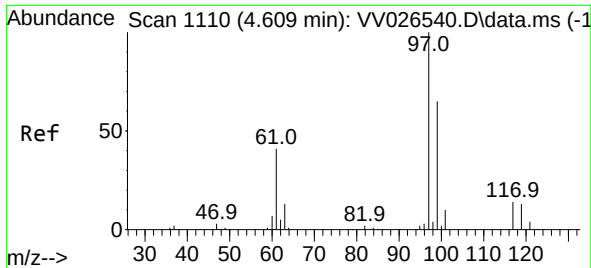
Tgt Ion: 62 Resp: 66661

Ion Ratio Lower Upper

62 100

98 10.9 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.875 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005337

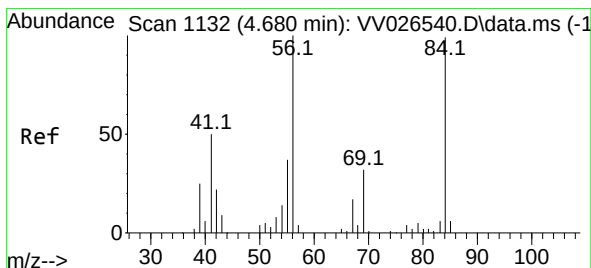
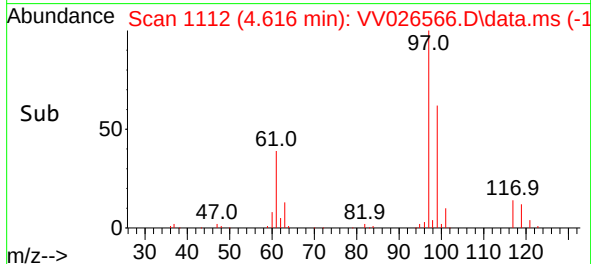
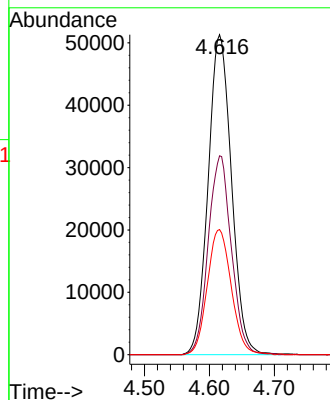
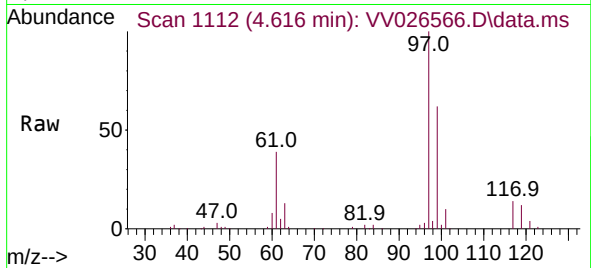
Tgt Ion: 97 Resp: 128235

Ion Ratio Lower Upper

97 100

99 61.4 51.0 76.4

61 40.2 33.0 49.4



#30

Cyclohexane

Concen: 4.487 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

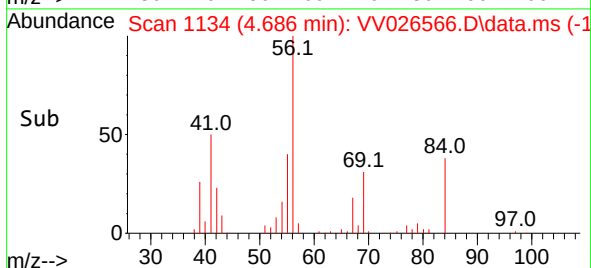
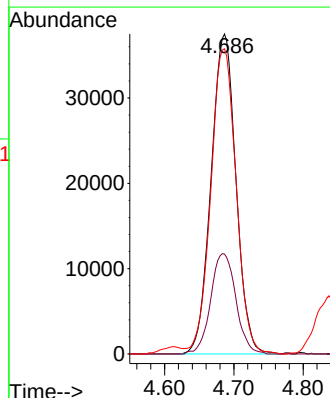
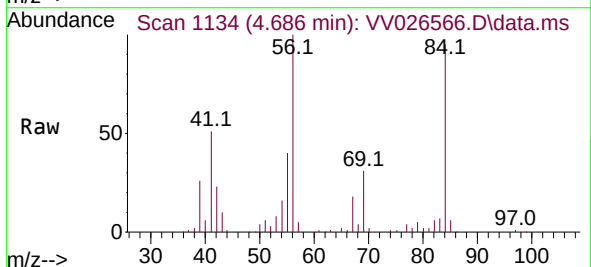
Tgt Ion: 56 Resp: 93440

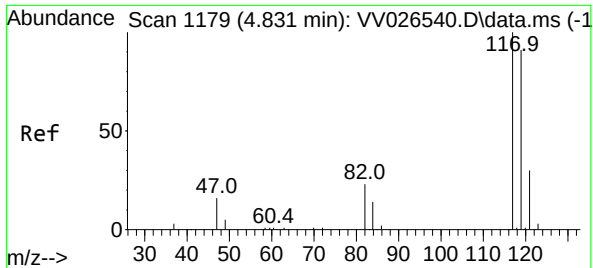
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 97.2 77.8 116.6

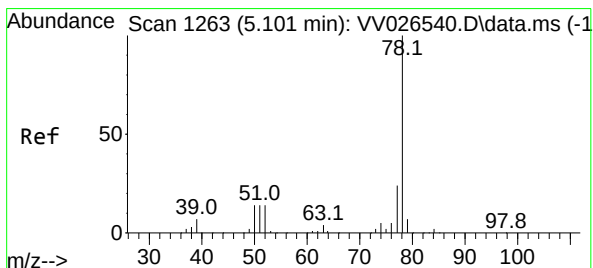
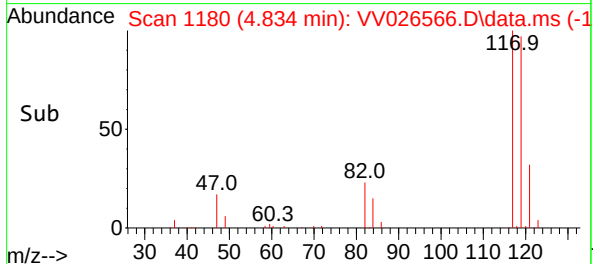
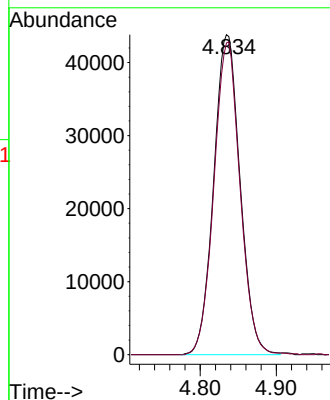
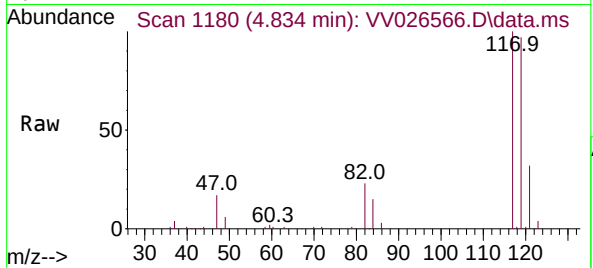




#31
Carbon tetrachloride
Concen: 4.783 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

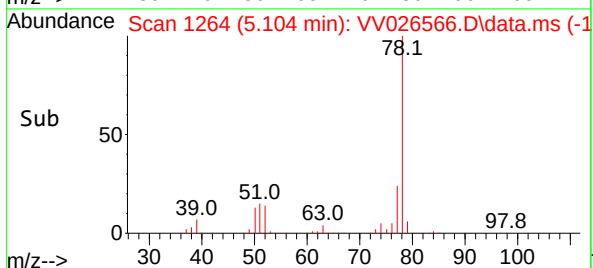
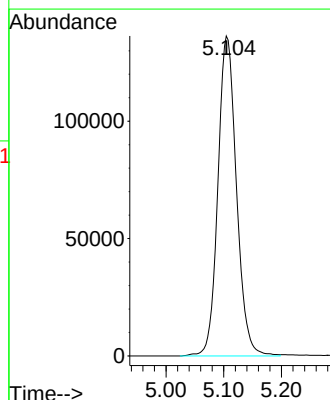
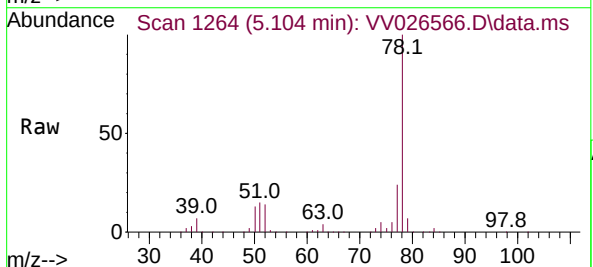
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

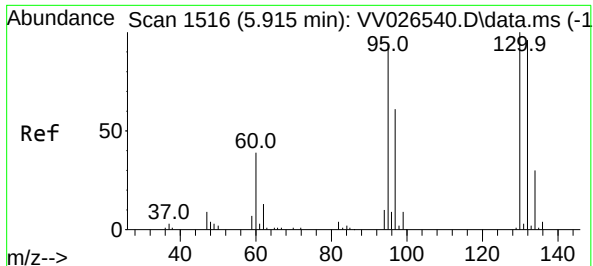
Tgt Ion:117 Resp: 105524
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#33
Benzene
Concen: 4.877 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 78 Resp: 304406



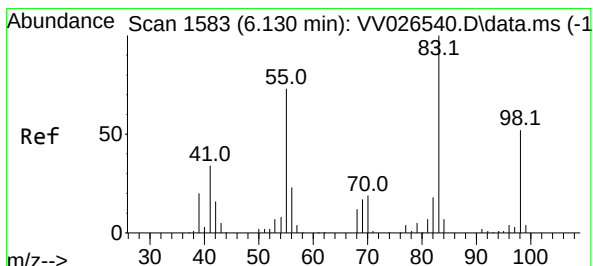
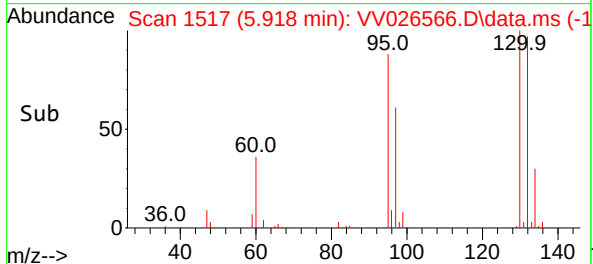
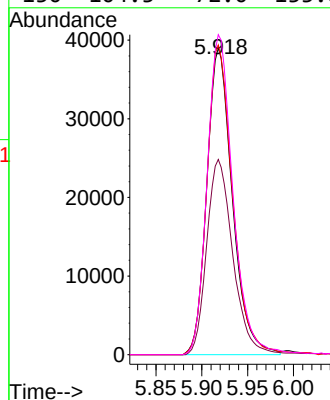
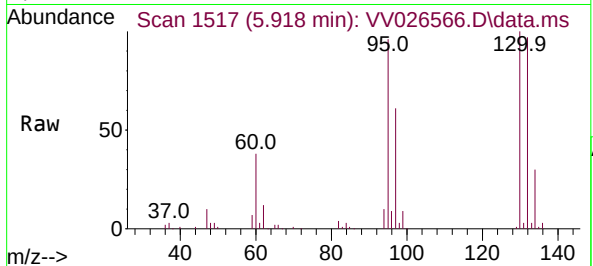


#34
Trichloroethene
Concen: 4.597 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Tgt Ion: 95 Resp: 75428

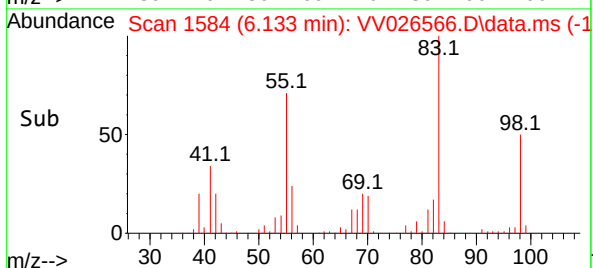
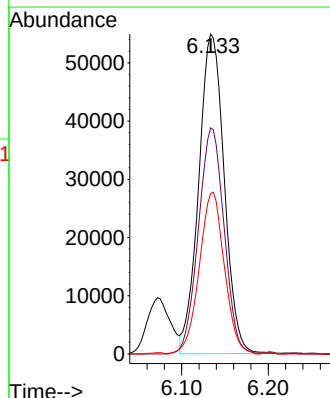
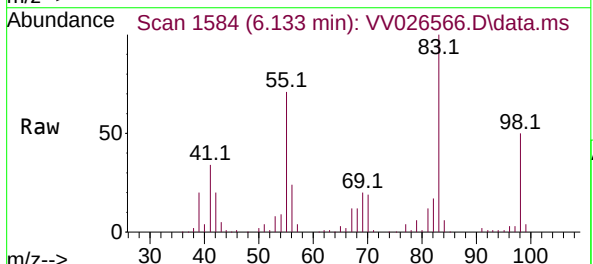
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.8	87.0
132	101.0	69.9	129.7
130	104.3	72.0	133.8

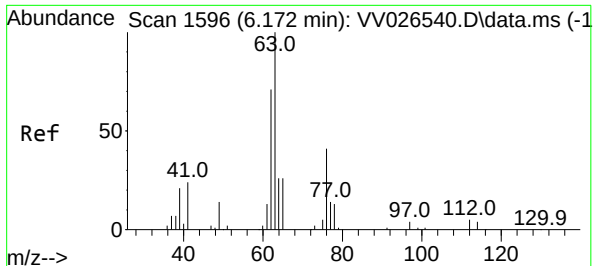


#35
Methylcyclohexane
Concen: 4.621 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 83 Resp: 112165

Ion	Ratio	Lower	Upper
83	100		
55	71.3	57.0	85.4
98	49.9	39.8	59.8





#37

1,2-Dichloropropane

Concen: 4.804 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

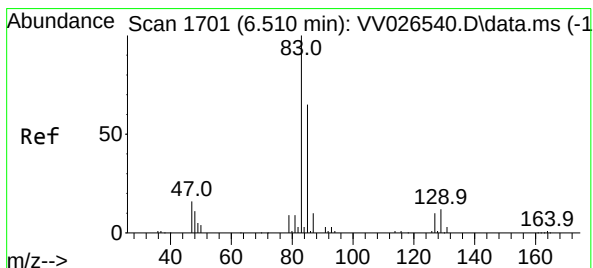
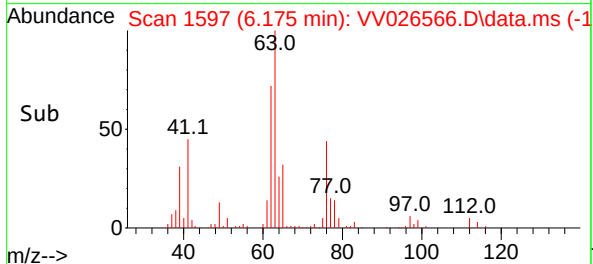
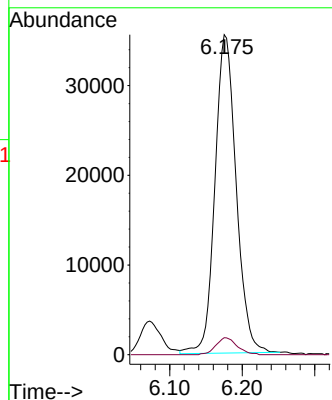
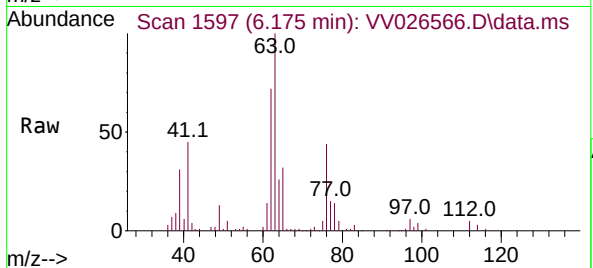
VSTD005337

Tgt Ion: 63 Resp: 72265

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.4



#38

Bromodichloromethane

Concen: 4.945 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

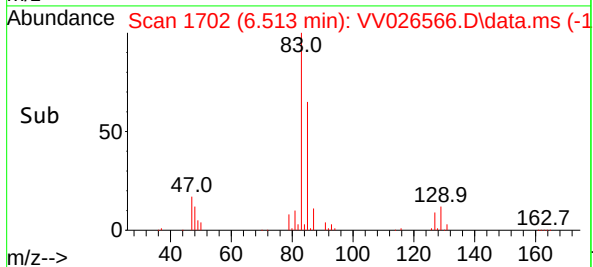
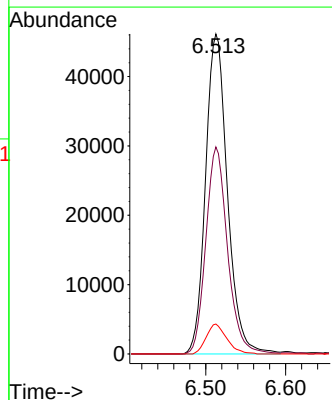
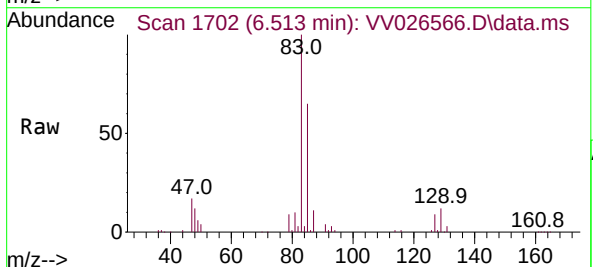
Tgt Ion: 83 Resp: 87811

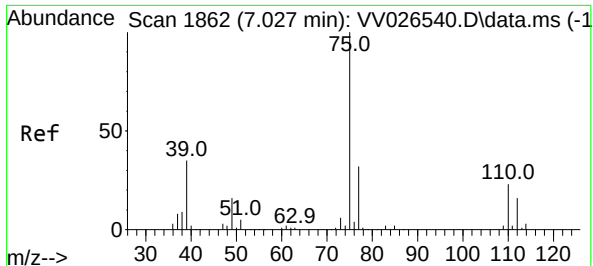
Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8

127 9.3 6.6 10.0

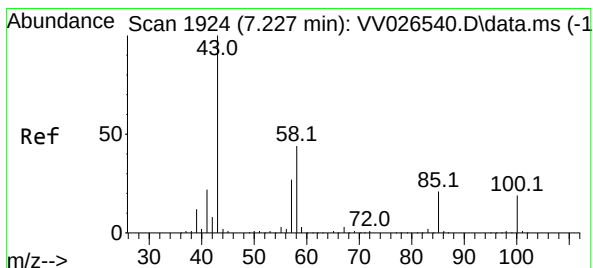
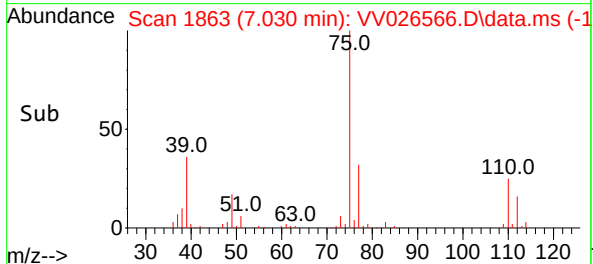
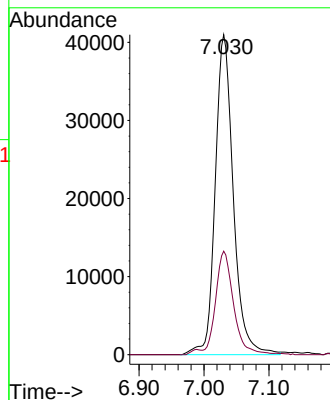
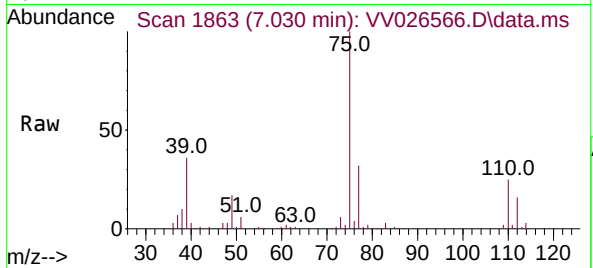




#39
 cis-1,3-Dichloropropene
 Concen: 5.234 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

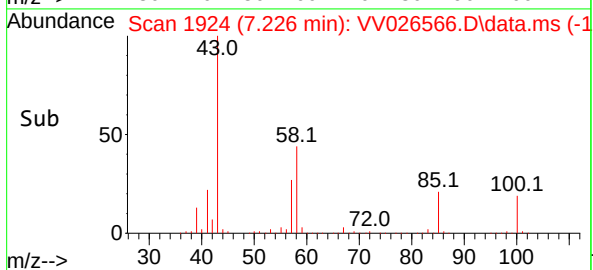
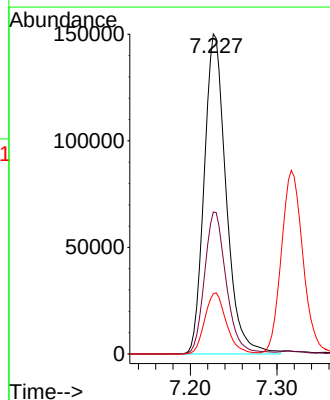
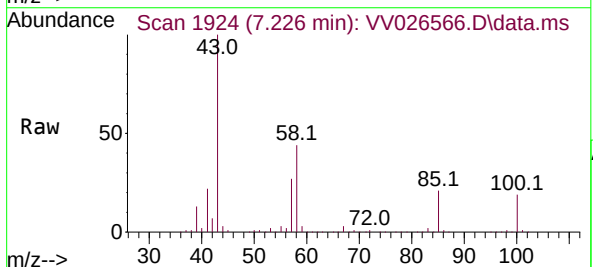
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

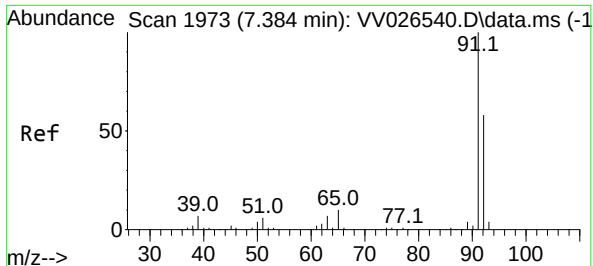
Tgt Ion: 75 Resp: 79136
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 52.091 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion: 43 Resp: 264688
 Ion Ratio Lower Upper
 43 100
 58 44.1 33.3 49.9
 100 18.8 14.3 21.5





#42

Toluene

Concen: 5.037 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

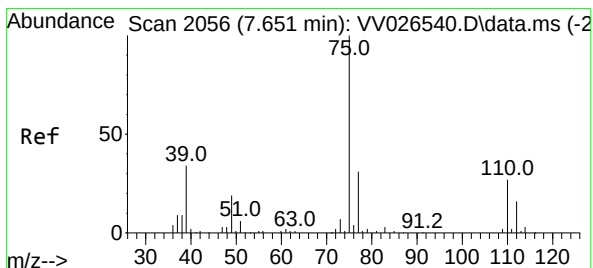
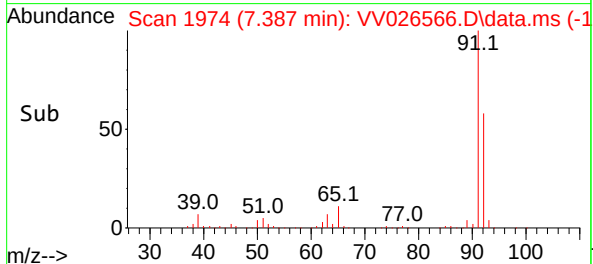
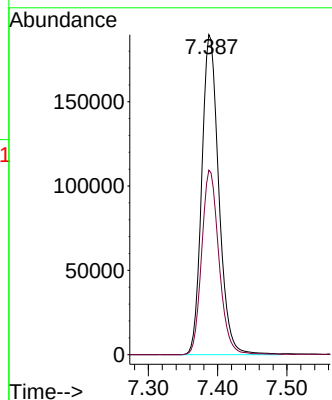
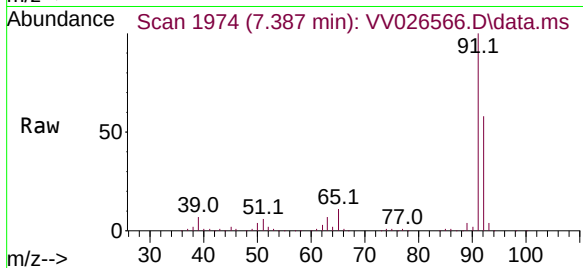
VSTD005337

Tgt Ion: 91 Resp: 324523

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.547 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV026566.D

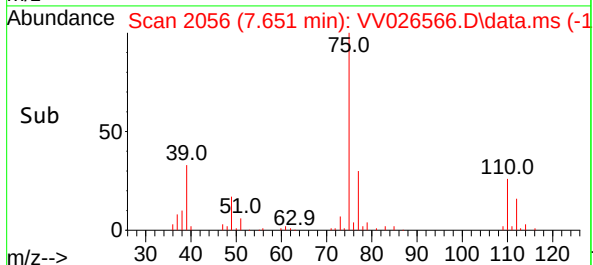
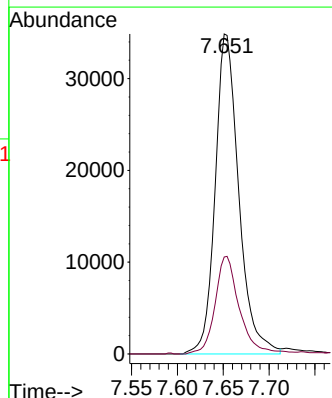
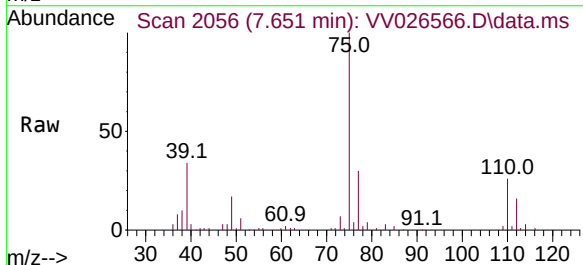
Acq: 27 Jun 2022 10:19

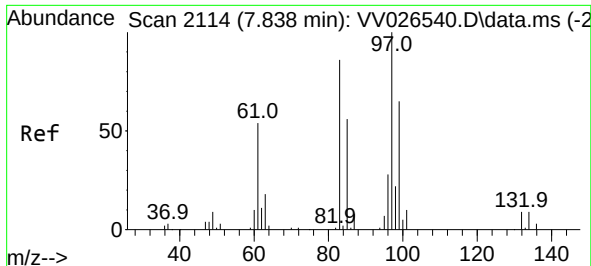
Tgt Ion: 75 Resp: 62384

Ion Ratio Lower Upper

75 100

77 30.3 23.1 42.9

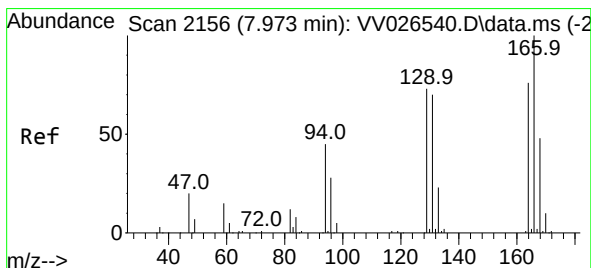
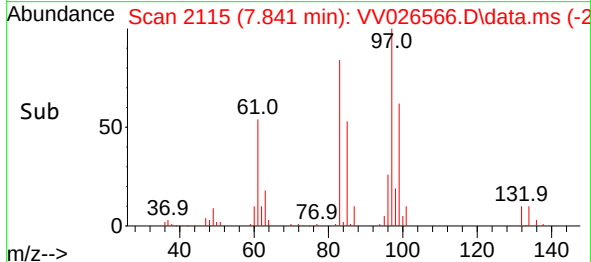
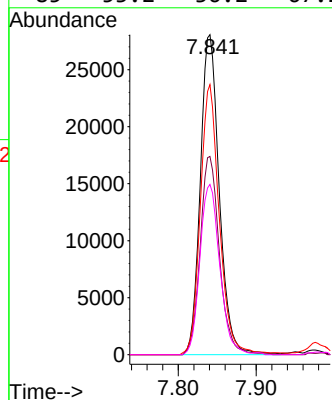
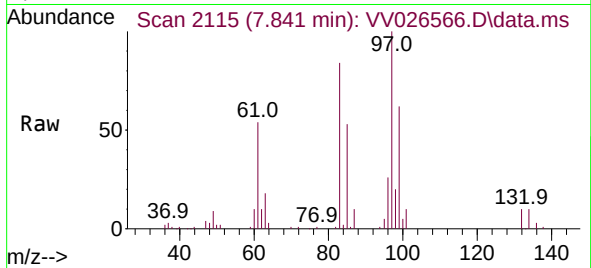




#45
1,1,2-Trichloroethane
Concen: 5.004 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

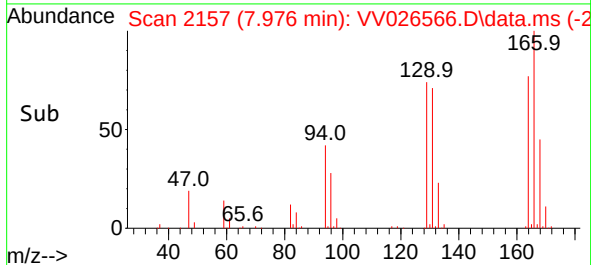
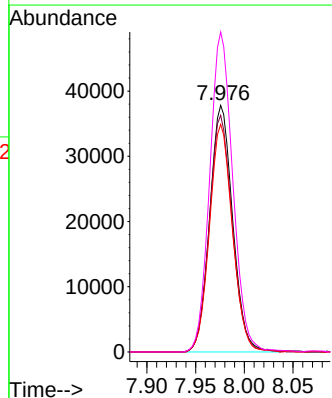
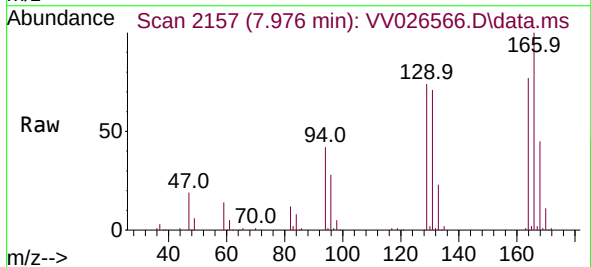
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

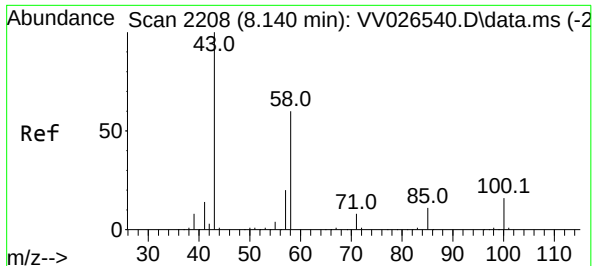
Tgt Ion:	97	Resp:	47467
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.4	80.6
83	84.4	58.0	107.8
85	53.2	36.2	67.2



#47
Tetrachloroethene
Concen: 4.773 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion:	164	Resp:	62354
Ion	Ratio	Lower	Upper
164	100		
129	95.9	66.4	123.2
131	92.3	64.4	119.6
166	129.7	88.1	163.7



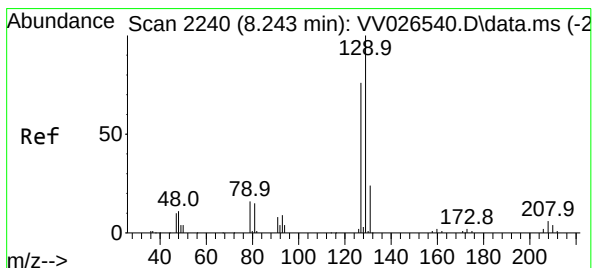
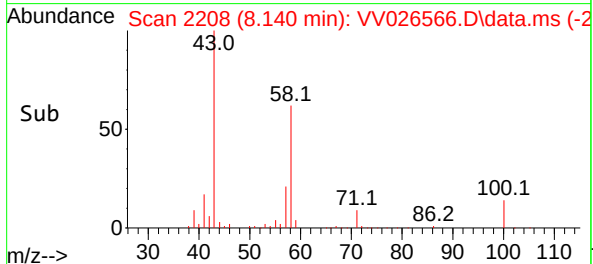
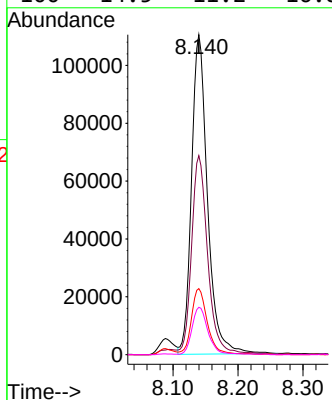
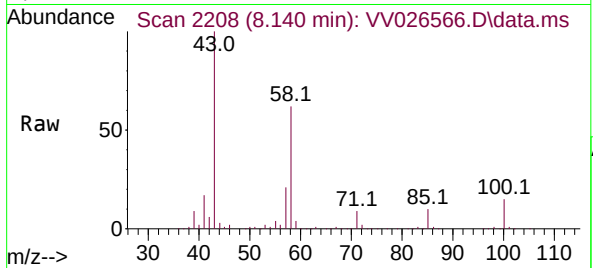


#48
2-Hexanone
Concen: 53.470 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Tgt Ion: 43 Resp: 189128

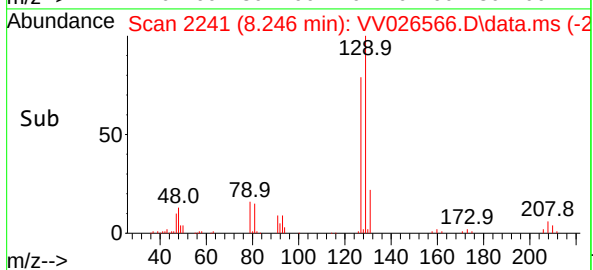
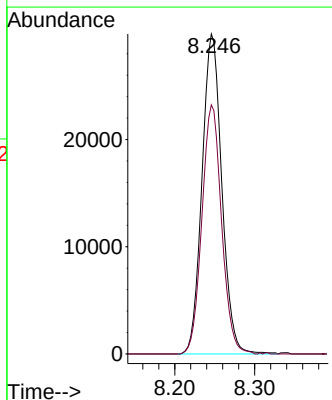
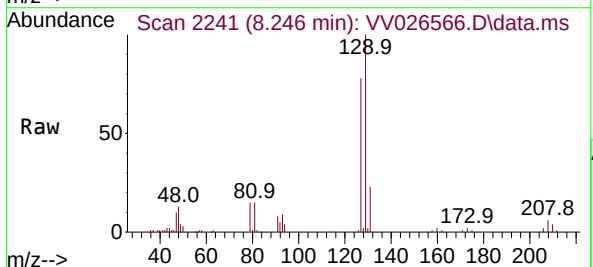
Ion	Ratio	Lower	Upper
43	100		
58	61.1	47.8	71.6
57	20.1	15.0	22.6
100	14.5	11.2	16.8

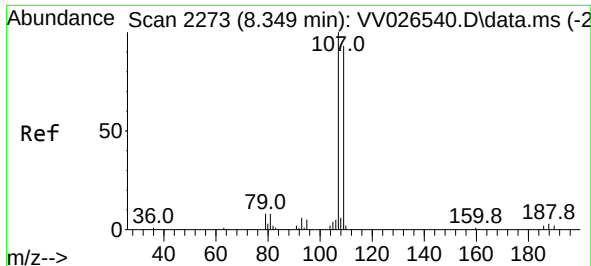


#49
Dibromochloromethane
Concen: 5.355 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 129 Resp: 51441

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.2	100.6

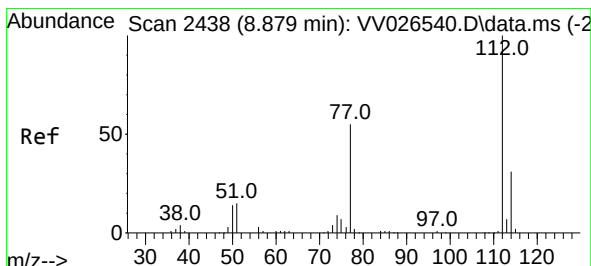
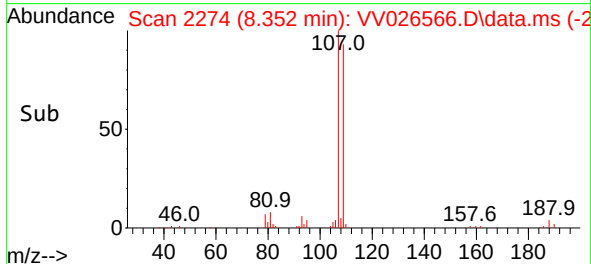
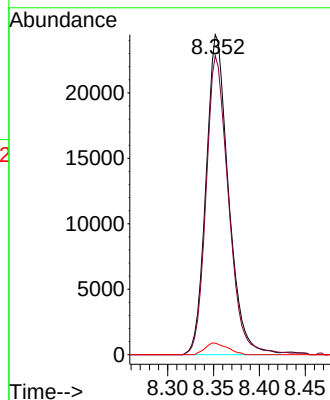
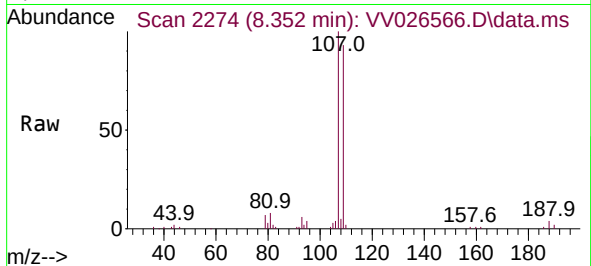




#50
1,2-Dibromoethane
Concen: 4.950 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

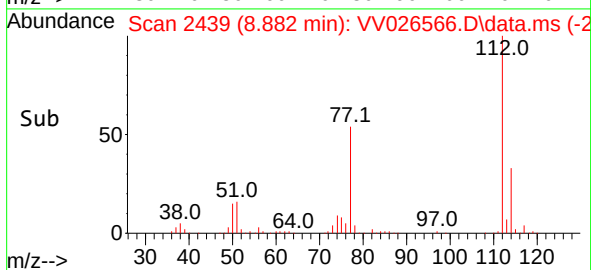
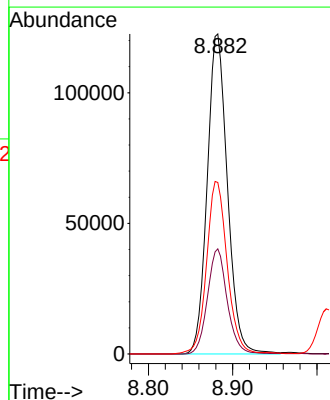
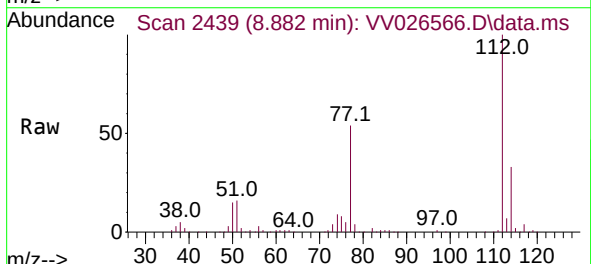
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

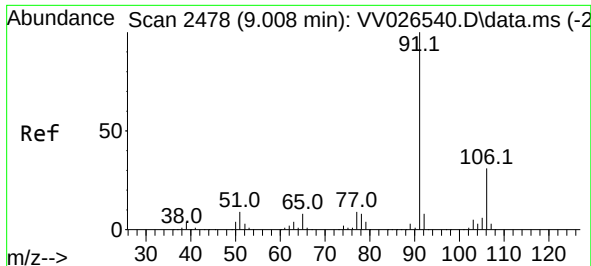
Tgt Ion:	107	Resp:	41751
Ion	Ratio	Lower	Upper
107	100		
109	93.5	67.8	125.8
188	3.6	3.2	4.8



#51
Chlorobenzene
Concen: 4.850 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion:	112	Resp:	204720
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.3	41.5
77	53.6	44.4	66.6





#52

Ethylbenzene

Concen: 4.835 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV026566.D

Acq: 27 Jun 2022 10:19

Instrument :

MSVOA_V

ClientSampleId :

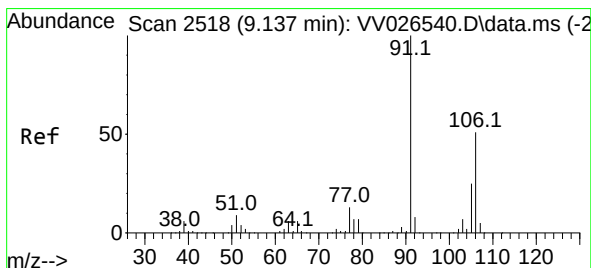
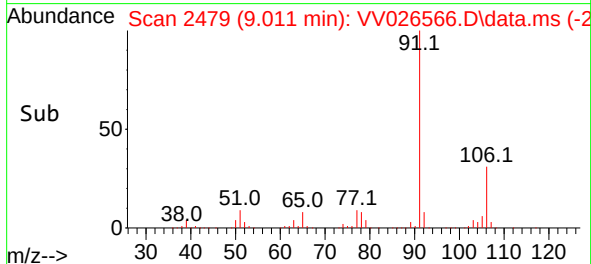
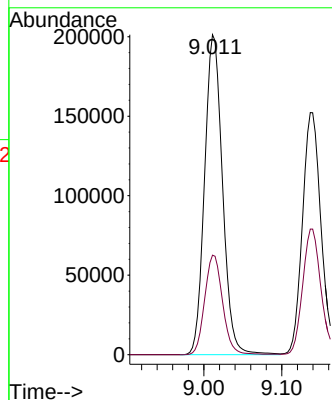
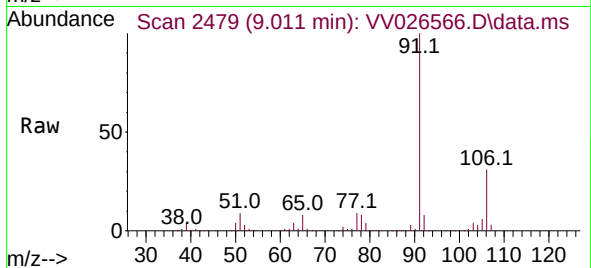
VSTD005337

Tgt Ion: 91 Resp: 322174

Ion Ratio Lower Upper

91 100

106 31.1 22.1 41.1



#53

m,p-Xylene

Concen: 4.970 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026566.D

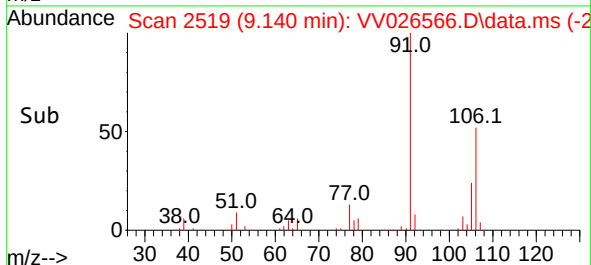
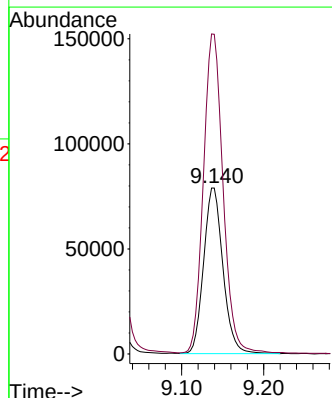
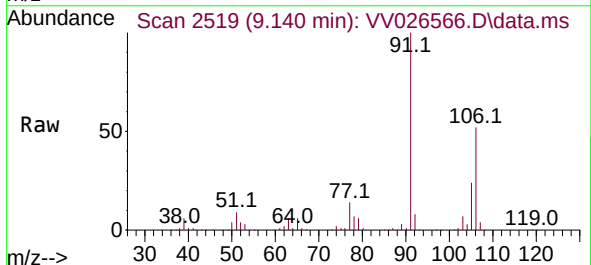
Acq: 27 Jun 2022 10:19

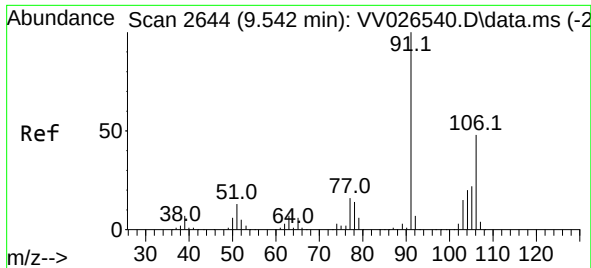
Tgt Ion: 106 Resp: 129191

Ion Ratio Lower Upper

106 100

91 192.6 139.9 259.9

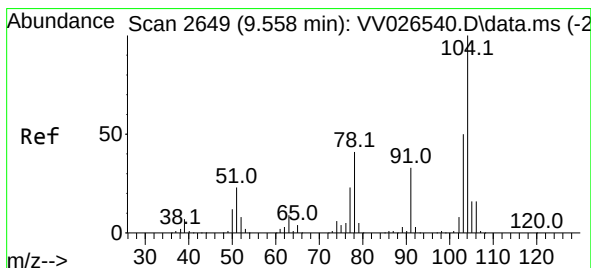
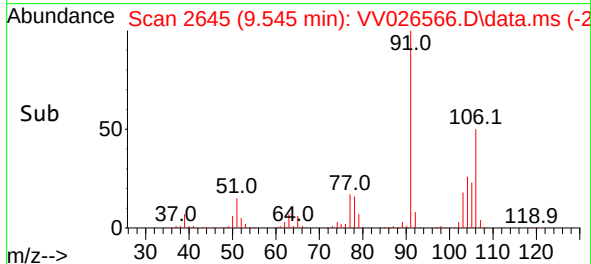
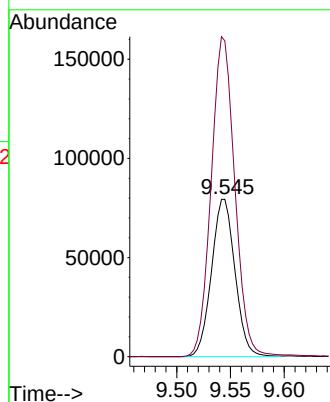
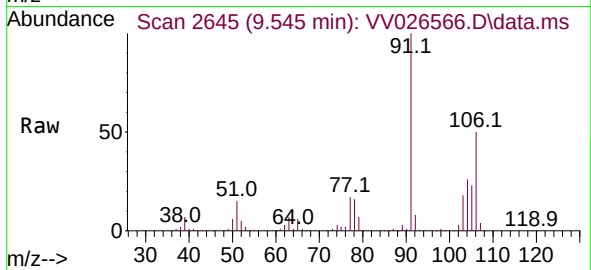




#54
o-Xylene
Concen: 4.952 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

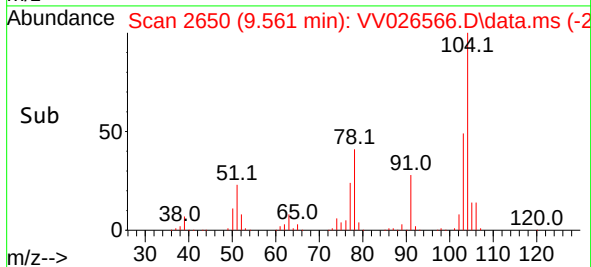
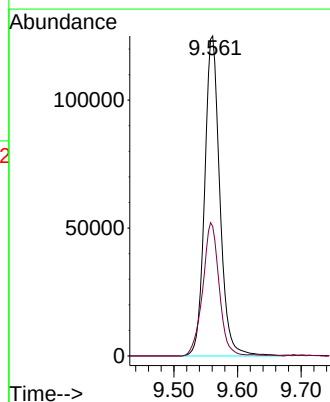
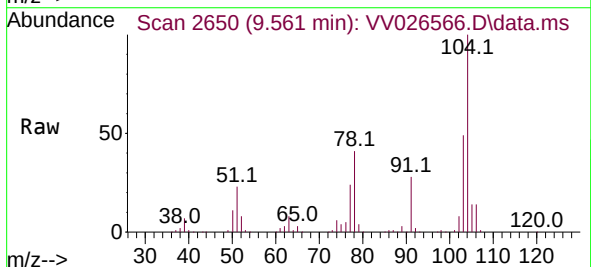
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

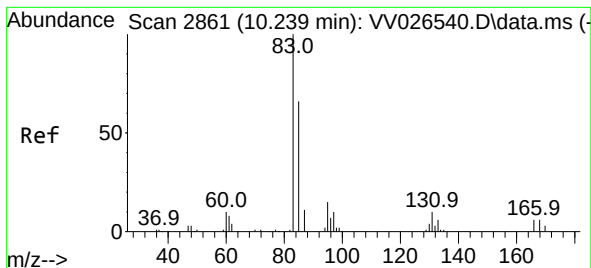
Tgt Ion:106 Resp: 120832
Ion Ratio Lower Upper
106 100
91 200.6 147.5 273.9



#55
Styrene
Concen: 5.128 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion:104 Resp: 207258
Ion Ratio Lower Upper
104 100
78 40.5 28.4 52.8

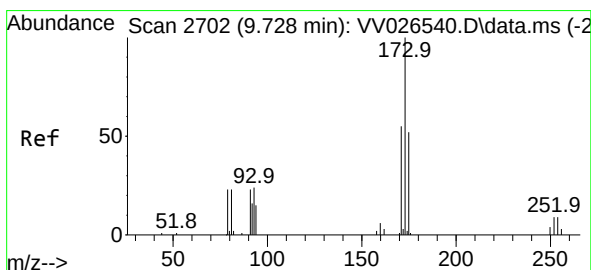
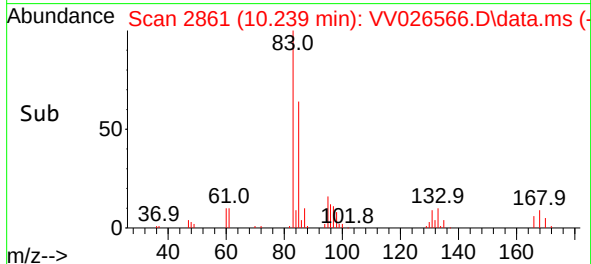
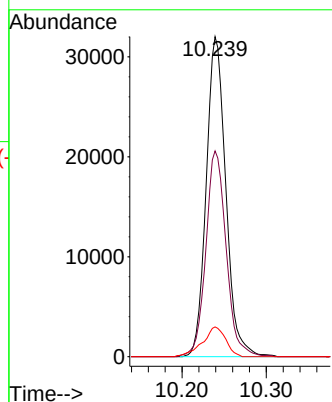
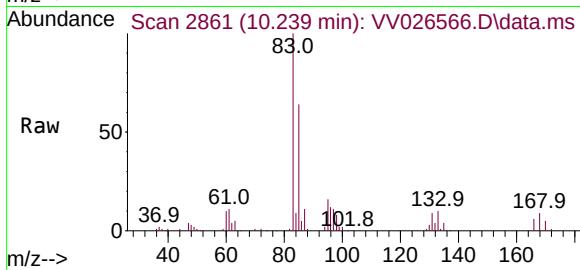




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.893 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

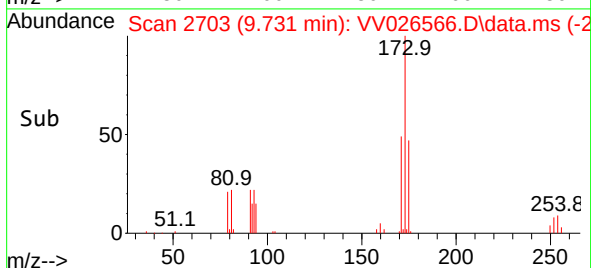
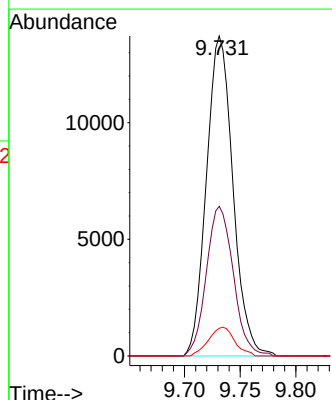
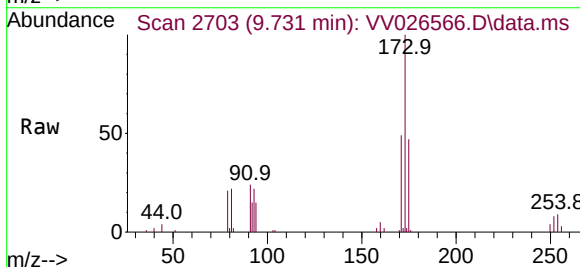
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

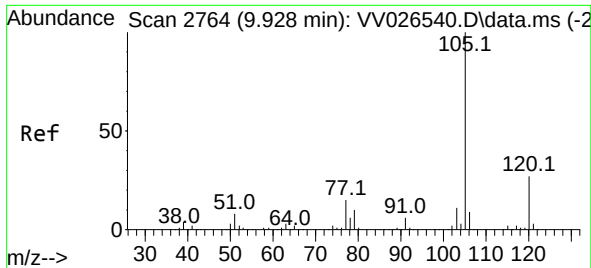
Tgt Ion:	83	Resp:	51835
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.3	82.3
131	9.3	8.0	12.0



#59
 Bromoform
 Concen: 5.548 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion:	173	Resp:	22712
Ion	Ratio	Lower	Upper
173	100		
175	47.5	37.9	56.9
254	8.8	6.3	9.5

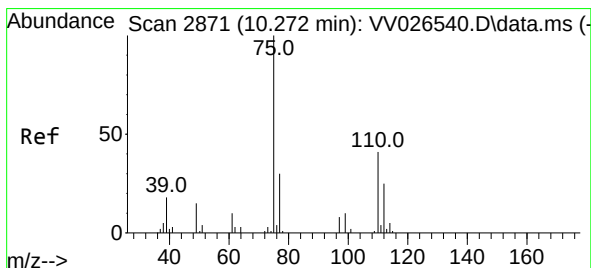
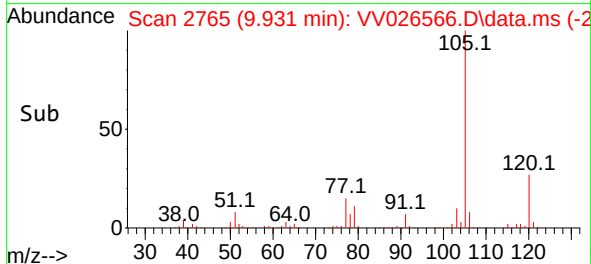
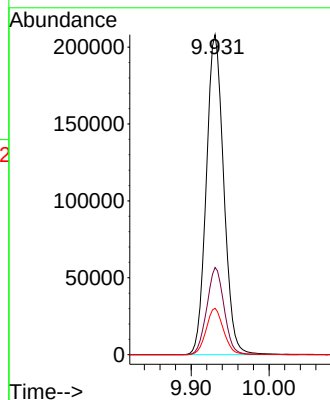
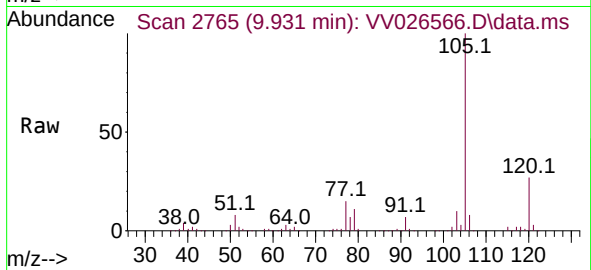




#60
Isopropylbenzene
Concen: 4.716 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

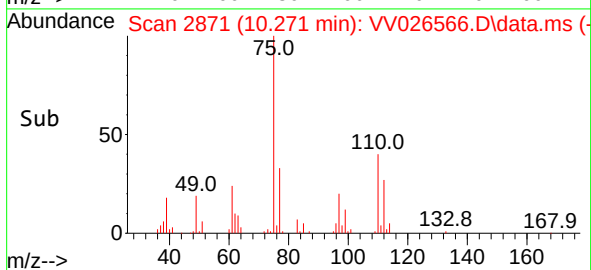
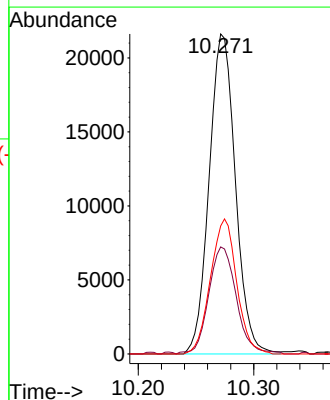
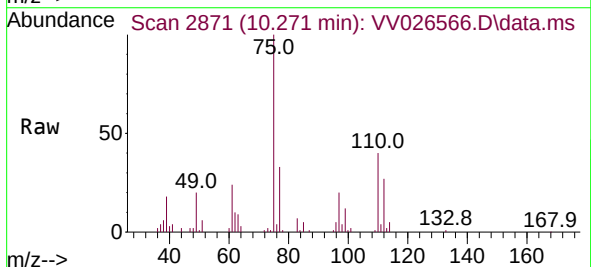
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

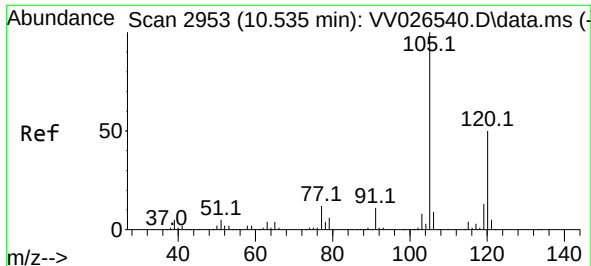
Tgt Ion:105 Resp: 323075
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 4.755 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 75 Resp: 34199
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.6
110 42.2 32.5 48.7

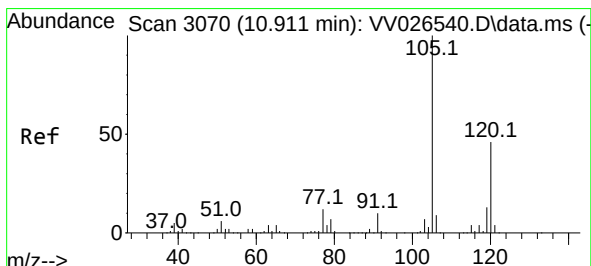
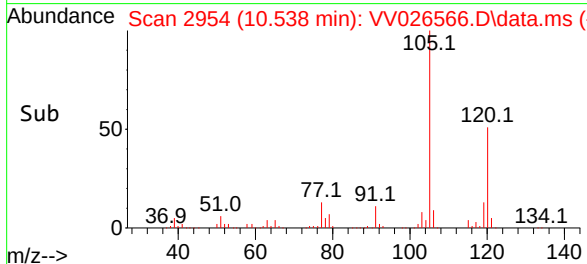
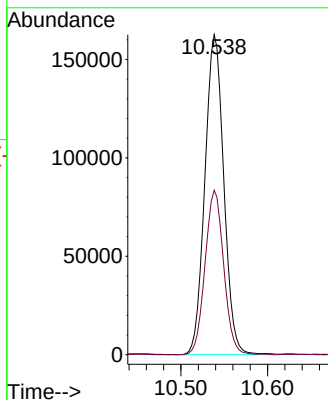
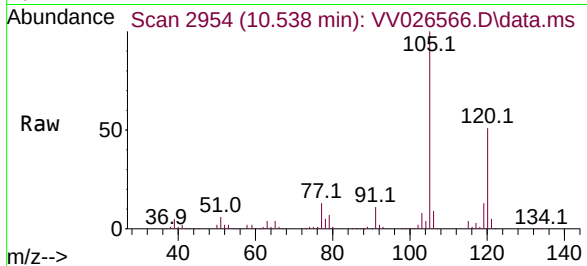




#62
 1,3,5-Trimethylbenzene
 Concen: 4.555 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

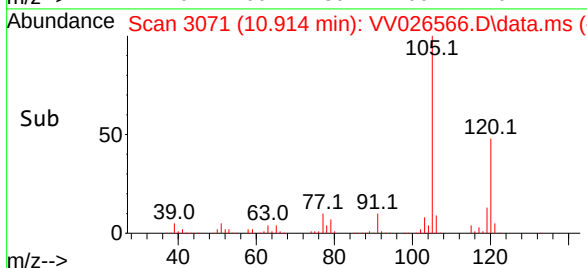
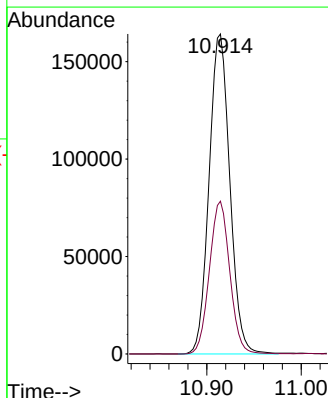
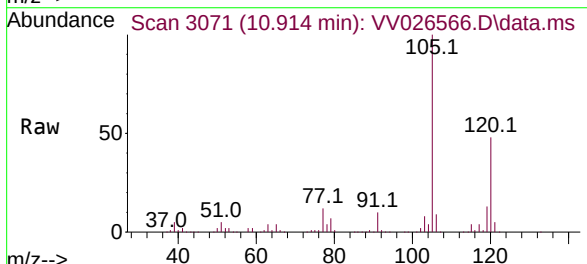
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

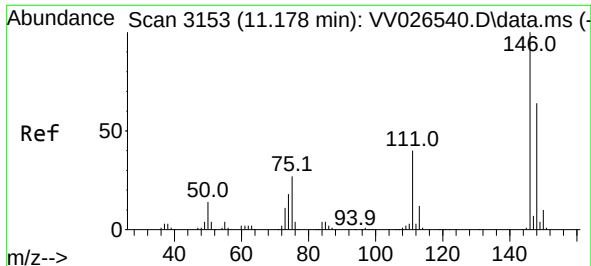
Tgt Ion:105 Resp: 246651
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.688 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion:105 Resp: 250349
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.4 56.2

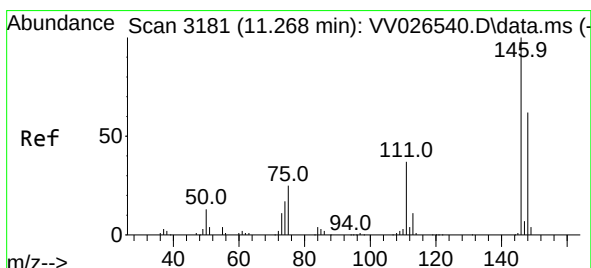
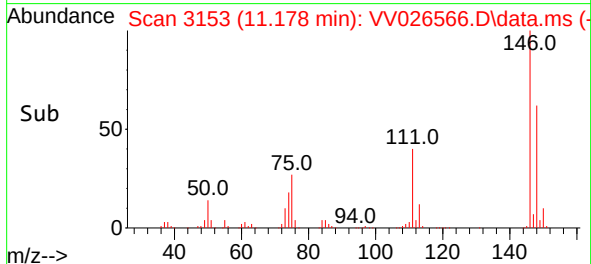
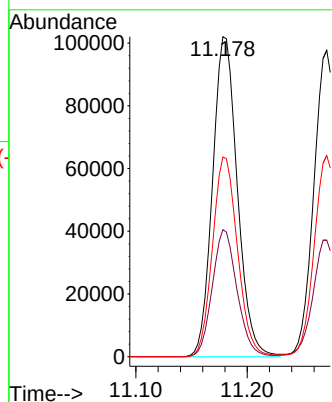
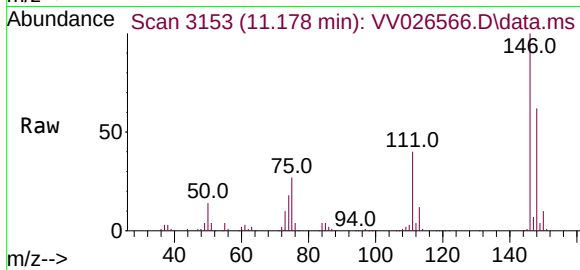




#64
1,3-Dichlorobenzene
Concen: 4.735 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

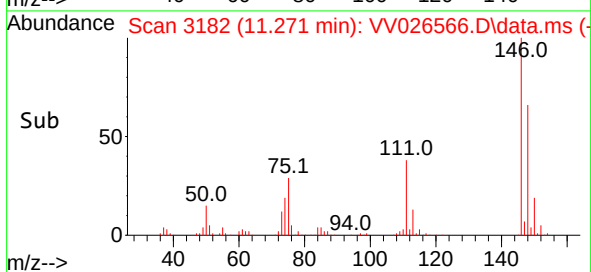
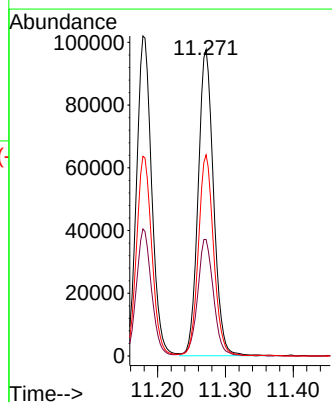
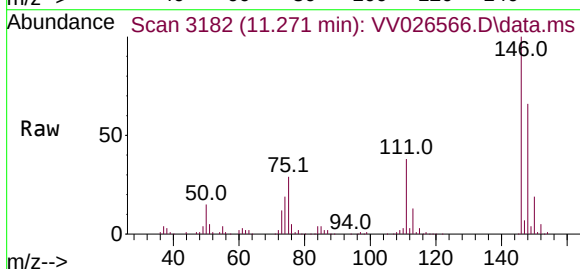
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

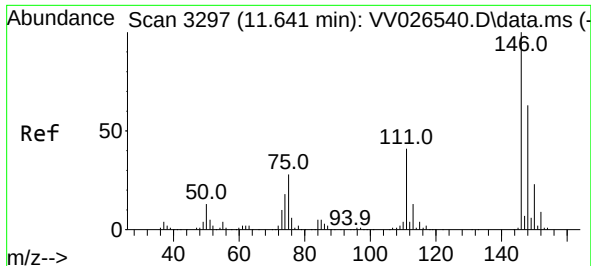
Tgt Ion:146 Resp: 157771
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.7
148 62.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.665 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion:146 Resp: 154342
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 65.6 43.7 81.1

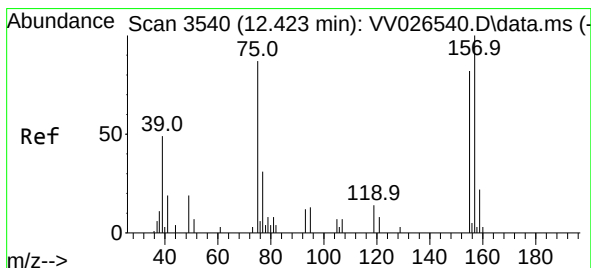
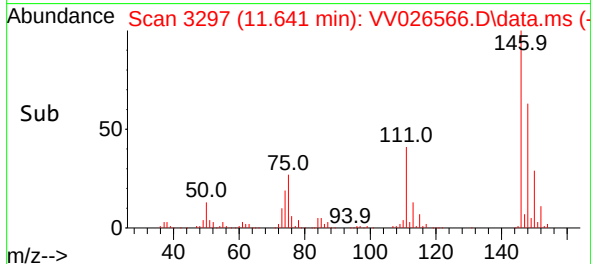
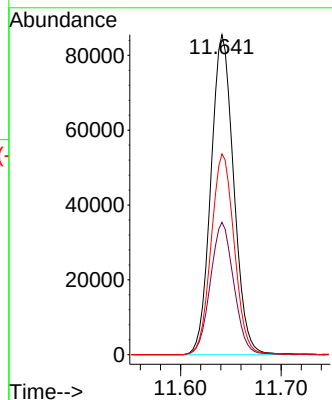
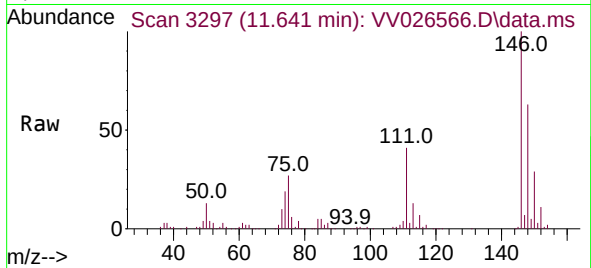




#67
1,2-Dichlorobenzene
Concen: 4.754 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

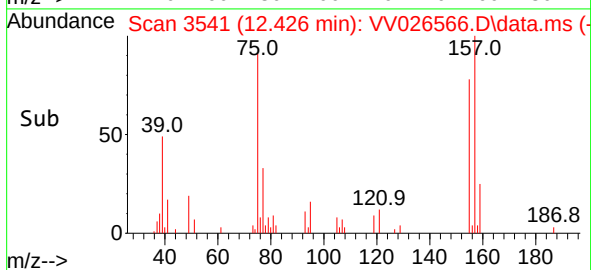
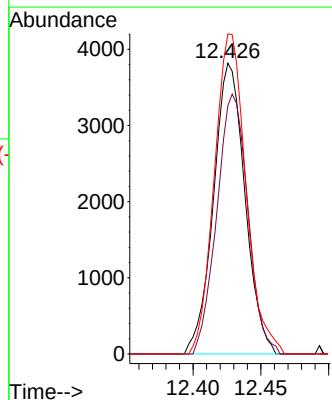
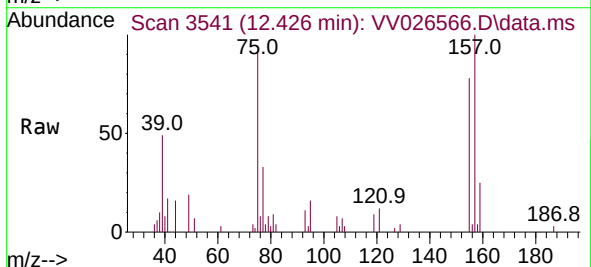
Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

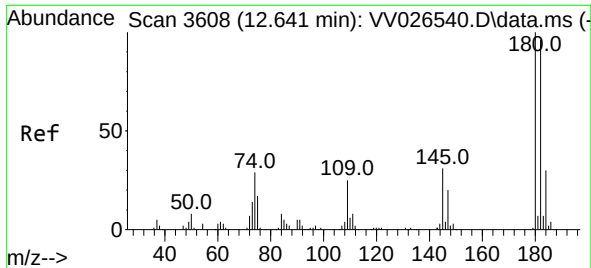
Tgt Ion:146 Resp: 134793
Ion Ratio Lower Upper
146 100
111 41.3 32.8 49.2
148 62.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.779 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion: 75 Resp: 6165
Ion Ratio Lower Upper
75 100
155 85.4 74.7 112.1
157 110.1 96.9 145.3

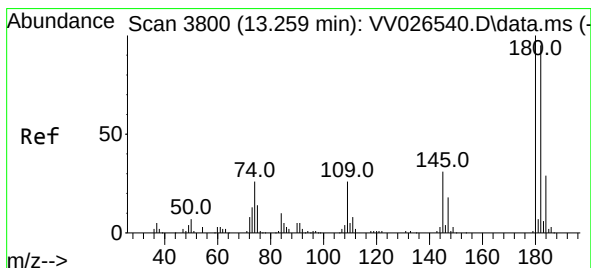
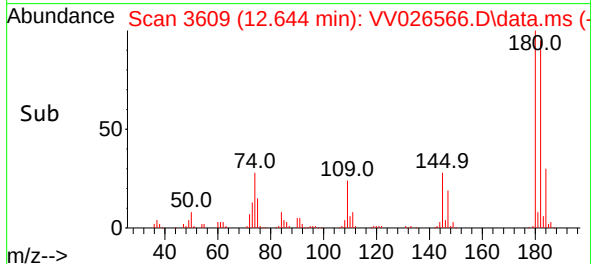
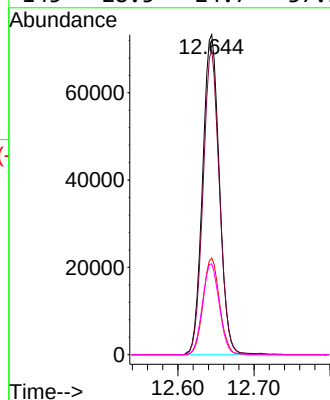
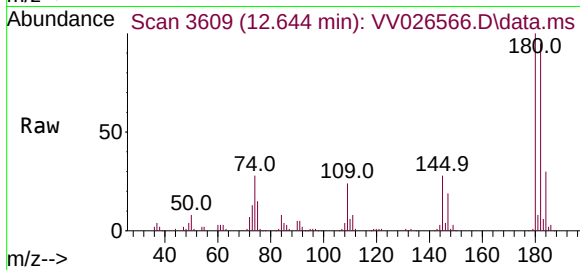




#69
 1,3,5-Trichlorobenzene
 Concen: 4.689 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

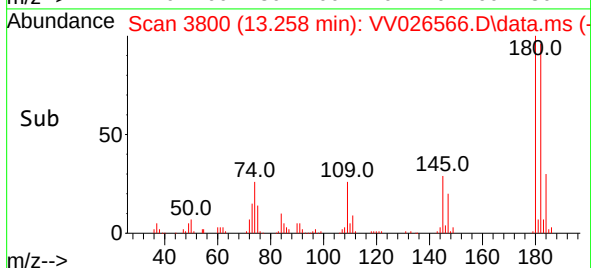
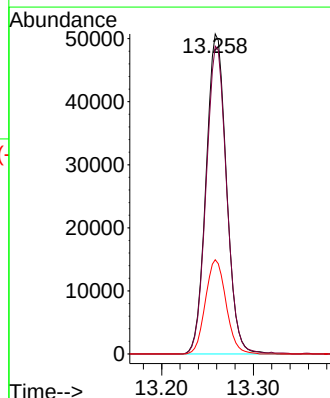
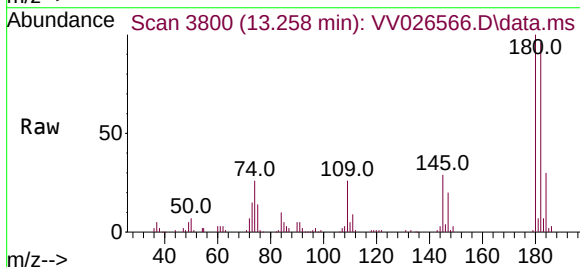
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

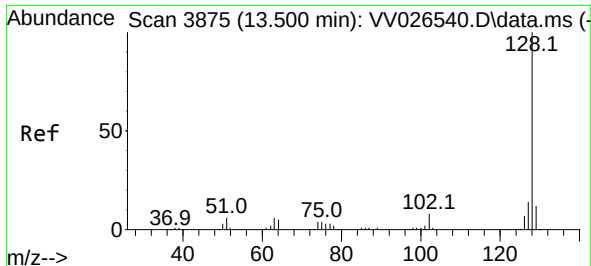
Tgt Ion:180 Resp: 112347
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.6 115.0
 184 29.6 24.1 36.1
 145 28.5 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.629 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026566.D
 Acq: 27 Jun 2022 10:19

Tgt Ion:180 Resp: 78319
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.2 112.8
 145 29.8 24.4 36.6

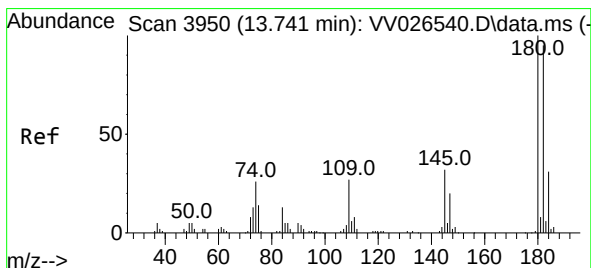
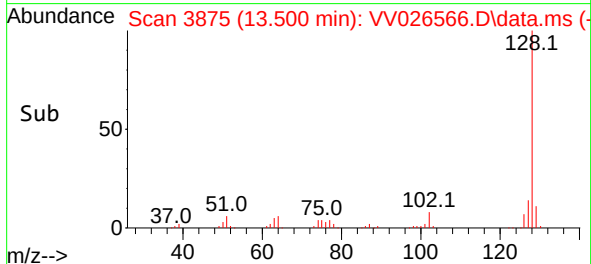
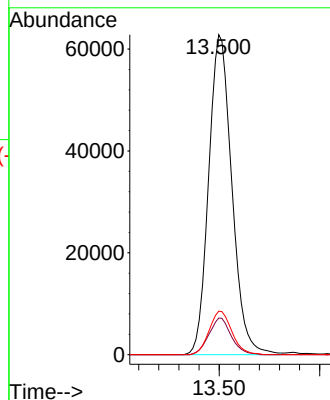
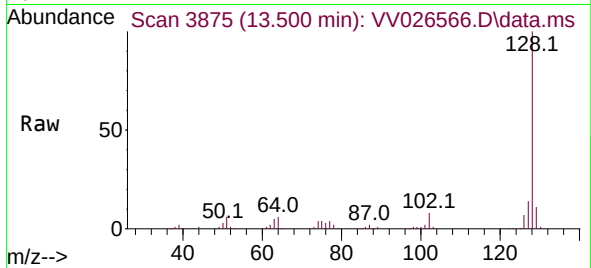




#71
Naphthalene
Concen: 4.557 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Tgt Ion:128 Resp: 100588
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.696 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026566.D
Acq: 27 Jun 2022 10:19

Tgt Ion:180 Resp: 65032
Ion Ratio Lower Upper
180 100
182 93.1 76.8 115.2
145 32.6 25.8 38.6

