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 Data File : VW026224.D
 Acq On : 14 Jun 2022 09:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Jun 15 05:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	171617	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86438	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	97561	4.347	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.574	69	79920	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.114	63	166154	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.902	46	85187	50.878	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.352	84	150585	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	64719	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	307541	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.069	67	86652	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.313	98	287022	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	26639	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	93193	52.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56217	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85082	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	80428	5.098	ug/L	98
3) Chloromethane	1.249	50	83550	4.880	ug/L	99
5) Vinyl chloride	1.320	62	89440	4.988	ug/L	100
6) Bromomethane	1.529	94	48852	4.662	ug/L	100
8) Chloroethane	1.593	64	57085	5.103	ug/L	98
9) Trichlorofluoromethane	1.760	101	124793	5.167	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	70305	5.123	ug/L	99
12) 1,1-Dichloroethene	2.127	96	68001	5.182	ug/L	# 76
13) Acetone	2.191	43	43239	45.230	ug/L	98
14) Carbon disulfide	2.301	76	166484	4.996	ug/L	99
15) Methyl Acetate	2.445	43	17809	6.379	ug/L	97
16) Methylene chloride	2.513	84	84045	6.214	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	112210	5.259	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	63681	5.061	ug/L	98
19) 1,1-Dichloroethane	3.194	63	120901	5.007	ug/L	98
21) 2-Butanone	3.989	43	65881	50.629	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	63606	5.025	ug/L	98
23) Bromochloromethane	4.252	128	28102	5.317	ug/L	95
25) Chloroform	4.378	83	131043	5.193	ug/L	99

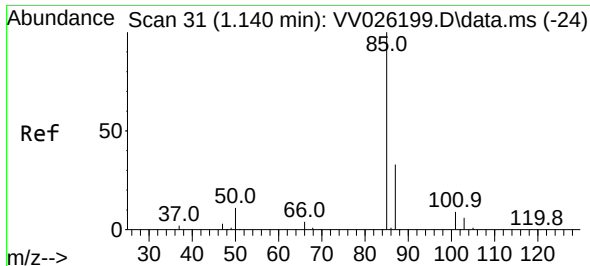
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026224.D
 Acq On : 14 Jun 2022 09:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005313

Quant Time: Jun 15 05:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	59828	5.101	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	111459	5.060	ug/L	99
30) Cyclohexane	4.680	56	81910	4.856	ug/L	98
31) Carbon tetrachloride	4.831	117	92668	5.206	ug/L	99
33) Benzene	5.101	78	268525	5.286	ug/L	100
34) Trichloroethene	5.915	95	67075	4.888	ug/L	99
35) Methylcyclohexane	6.130	83	88271	4.759	ug/L	99
37) 1,2-Dichloropropane	6.172	63	66462	5.050	ug/L	99
38) Bromodichloromethane	6.509	83	81607	5.206	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	67189	4.576	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	272229	57.802	ug/L	95
42) Toluene	7.387	91	293624	5.459	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	58852	5.096	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	44726	5.399	ug/L	99
47) Tetrachloroethene	7.972	164	50021	5.077	ug/L	96
48) 2-Hexanone	8.140	43	197096	58.932	ug/L	98
49) Dibromochloromethane	8.243	129	49895	5.518	ug/L	92
50) 1,2-Dibromoethane	8.352	107	38344	5.411	ug/L	99
51) Chlorobenzene	8.879	112	176189	5.094	ug/L	99
52) Ethylbenzene	9.011	91	270008	5.059	ug/L	99
53) m,p-Xylene	9.136	106	107626	5.268	ug/L	96
54) o-Xylene	9.541	106	102219	5.175	ug/L	96
55) Styrene	9.558	104	182620	5.608	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45072	5.368	ug/L	98
59) Bromoform	9.731	173	23099	5.564	ug/L	99
60) Isopropylbenzene	9.931	105	274925	4.864	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34124	5.147	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	207145	4.647	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	209537	4.776	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	136081	5.049	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	131664	4.925	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	120962	5.006	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	6008	5.163	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	88770	4.686	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	66607	4.885	ug/L	100
71) Naphthalene	13.500	128	92244	4.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57241	5.084	ug/L	96

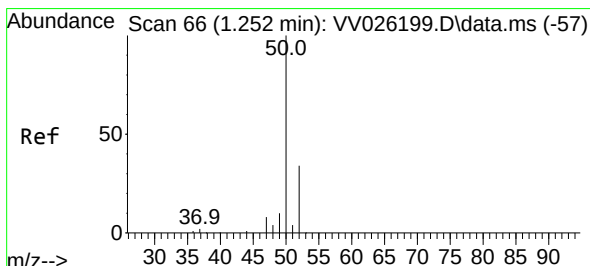
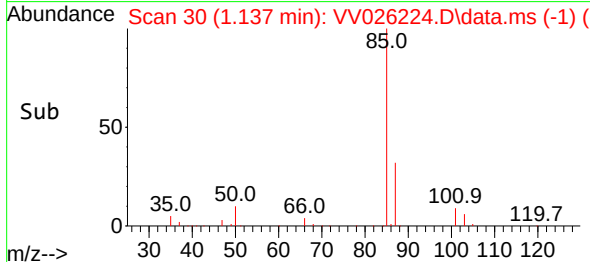
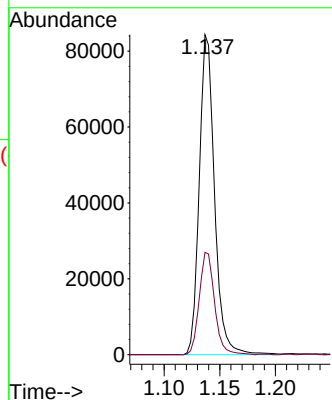
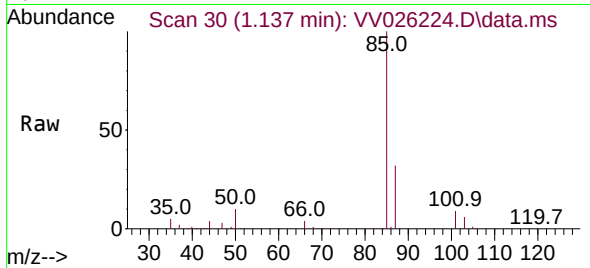
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.098 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

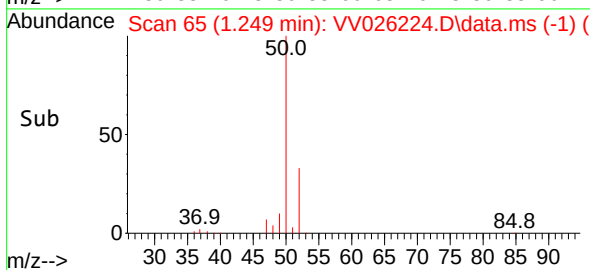
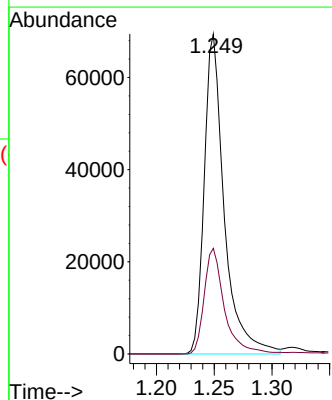
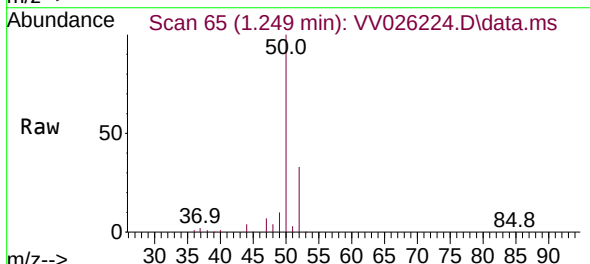
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

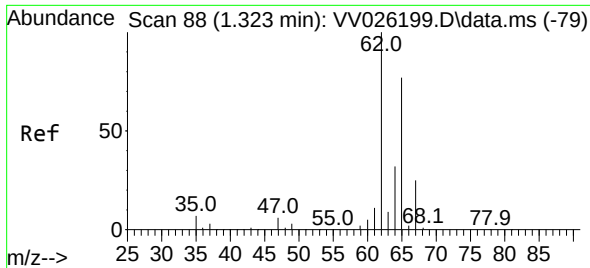
Tgt Ion: 85 Resp: 80428
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.7 40.1



#3
 Chloromethane
 Concen: 4.880 ug/L
 RT: 1.249 min Scan# 65
 Delta R.T. -0.003 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

Tgt Ion: 50 Resp: 83550
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.6 43.8

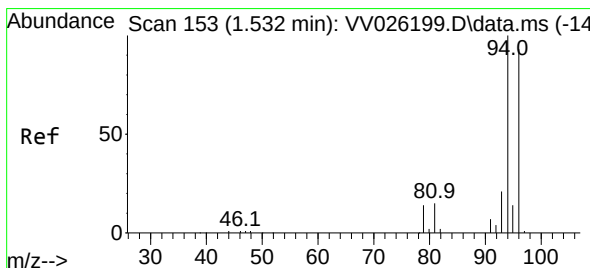
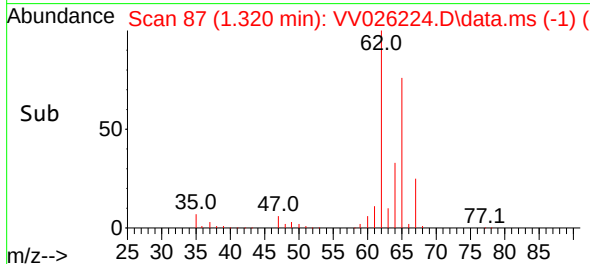
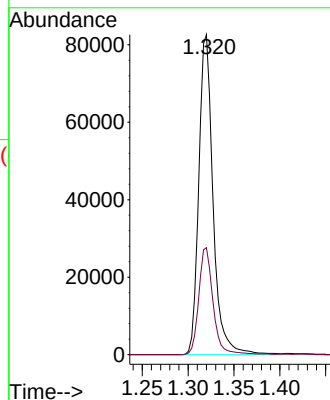
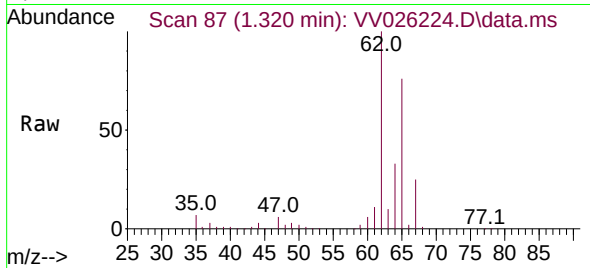




#5
 Vinyl chloride
 Concen: 4.988 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

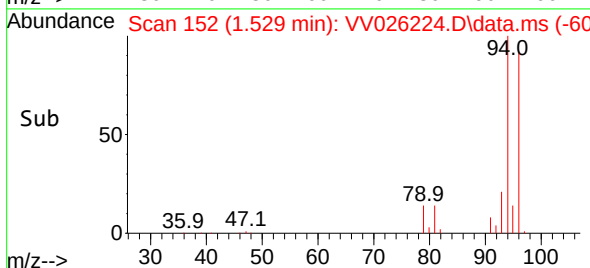
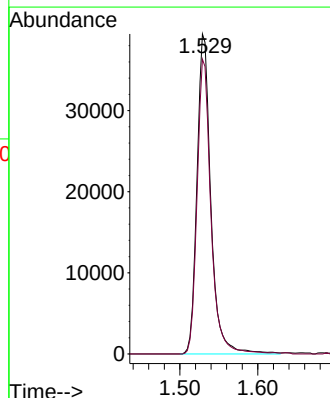
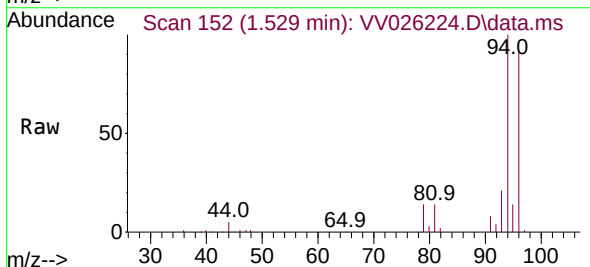
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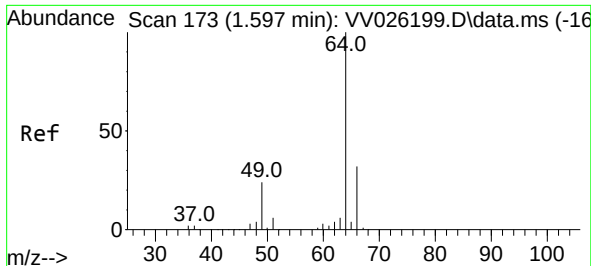
Tgt Ion: 62 Resp: 89440
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.662 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. -0.003 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

Tgt Ion: 94 Resp: 48852
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.5 119.7

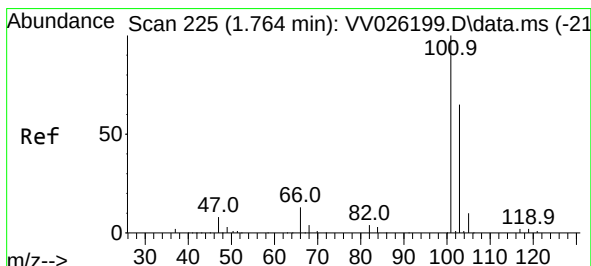
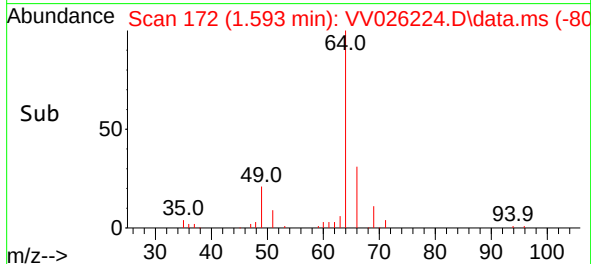
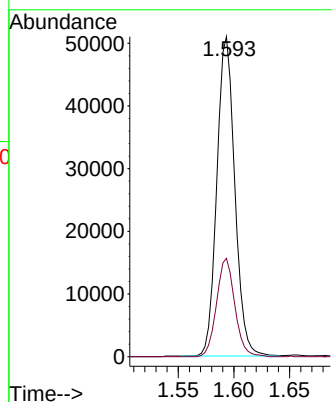
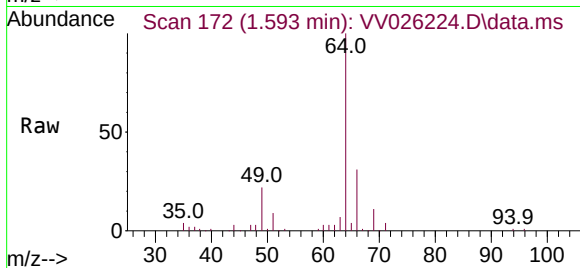




#8
Chloroethane
Concen: 5.103 ug/L
RT: 1.593 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

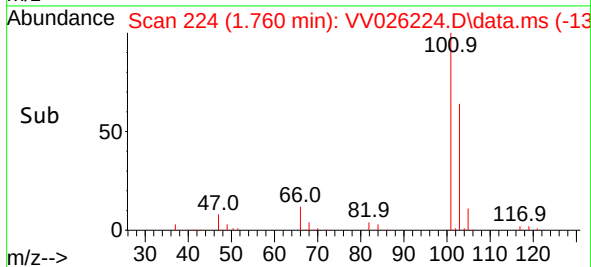
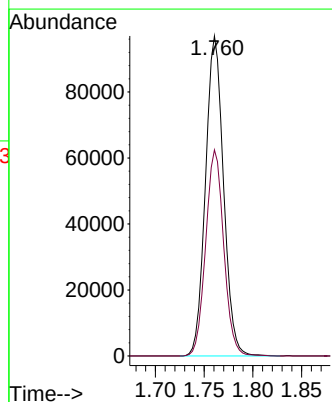
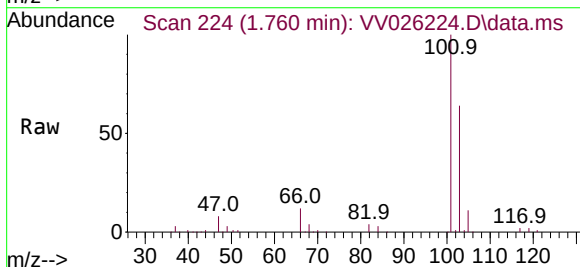
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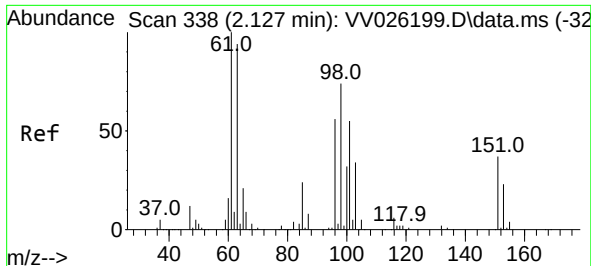
Tgt Ion: 64 Resp: 57085
Ion Ratio Lower Upper
64 100
66 30.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.167 ug/L
RT: 1.760 min Scan# 224
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion:101 Resp: 124793
Ion Ratio Lower Upper
101 100
103 64.4 52.9 79.3

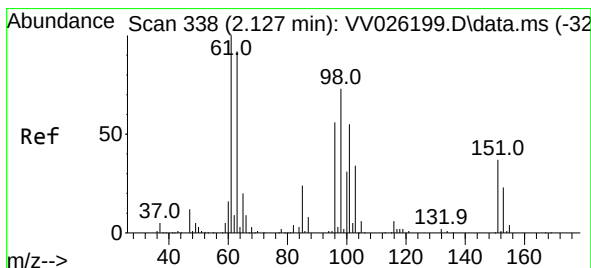
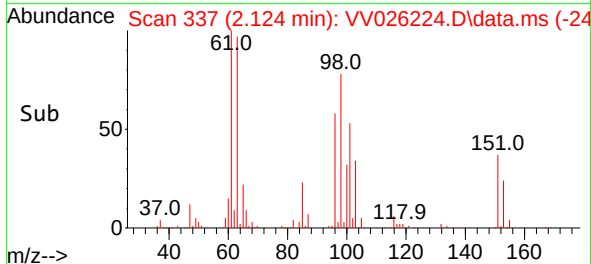
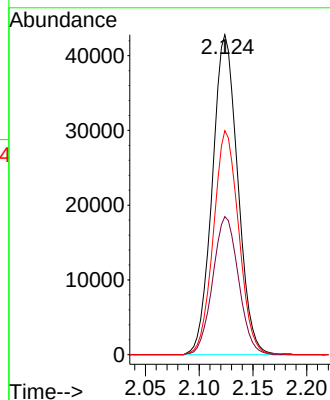
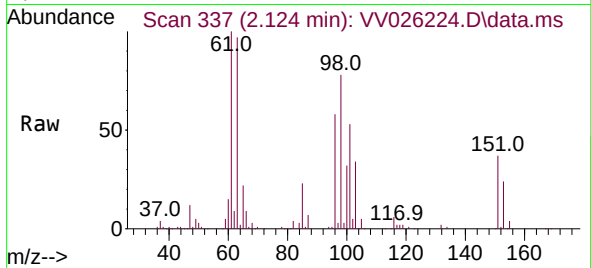




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.123 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

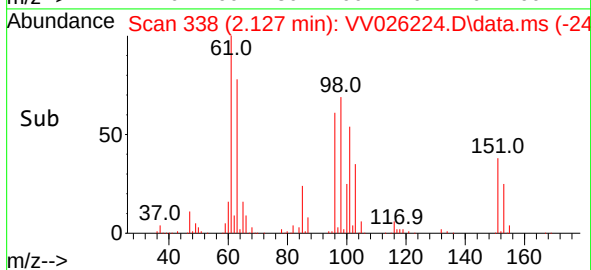
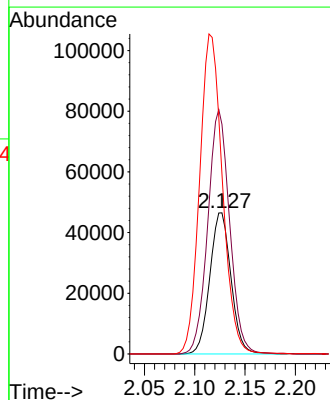
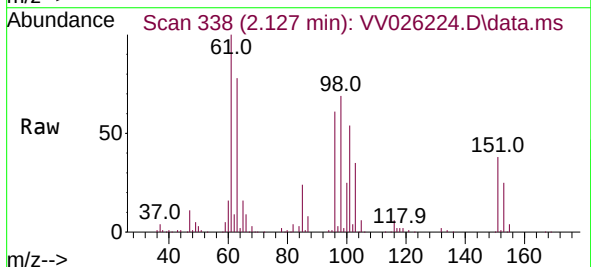
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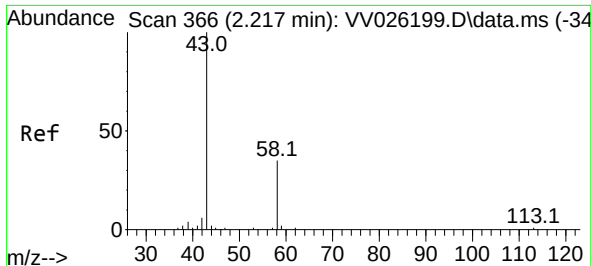
Tgt Ion:101 Resp: 70305
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 69.9 56.5 84.7



#12
1,1-Dichloroethene
Concen: 5.182 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 96 Resp: 68001
Ion Ratio Lower Upper
96 100
61 162.8 120.5 223.7
63 127.6 129.3 240.1#

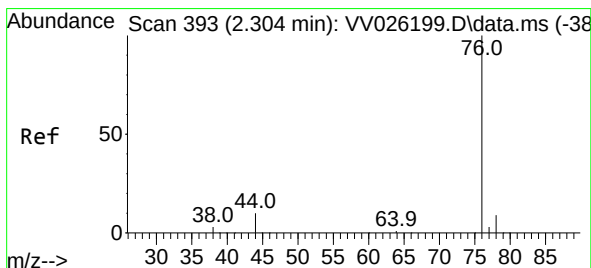
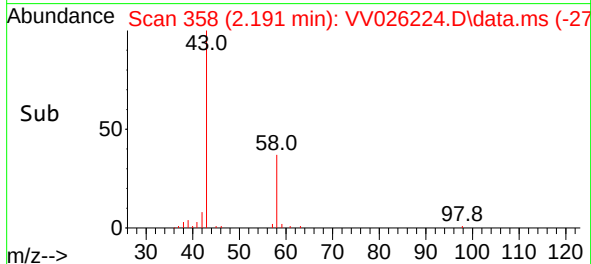
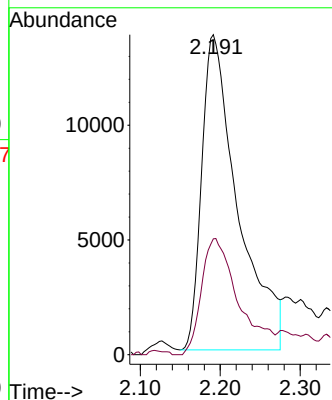
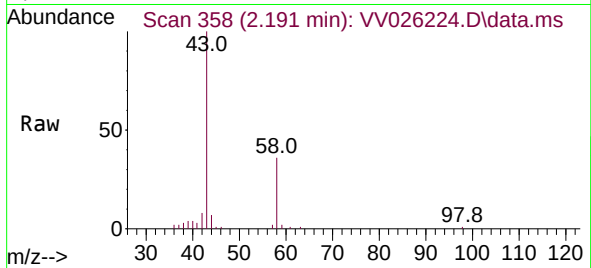




#13
Acetone
Concen: 45.230 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.026 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

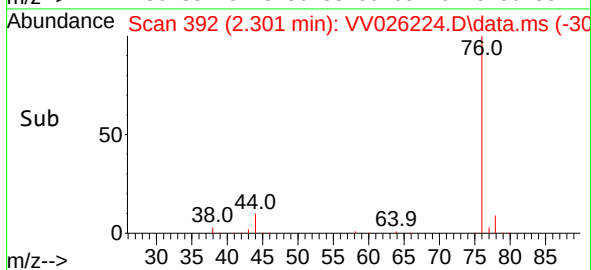
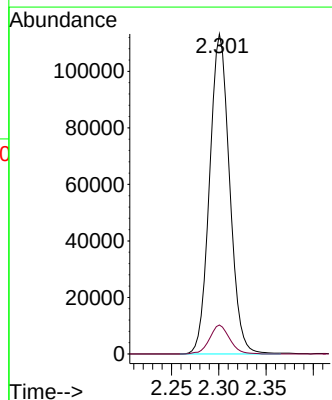
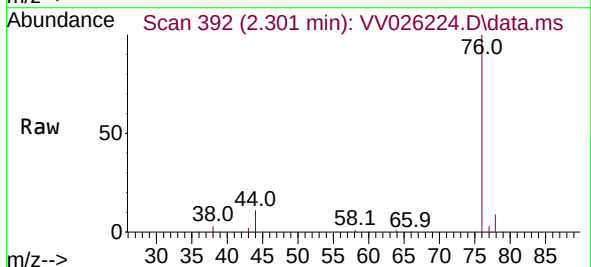
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MSVOA_V
ClientSampleId :
VSTD005313

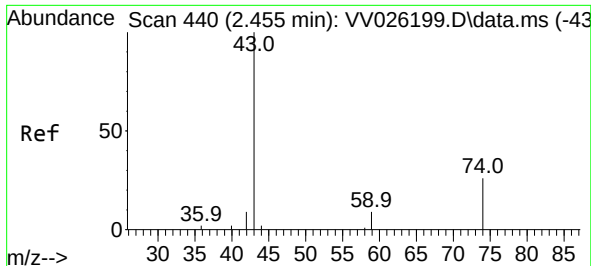
Tgt Ion: 43 Resp: 43239
Ion Ratio Lower Upper
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58 38.1 0.0 73.6



#14
Carbon disulfide
Concen: 4.996 ug/L
RT: 2.301 min Scan# 392
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 76 Resp: 166484
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

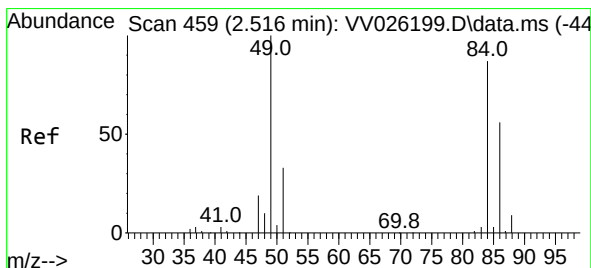
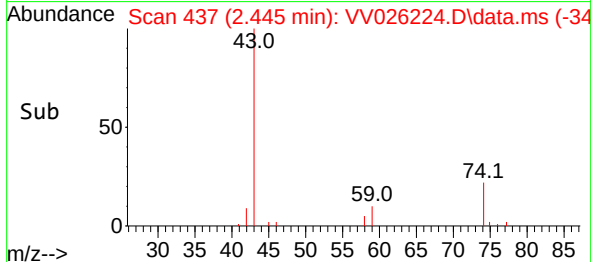
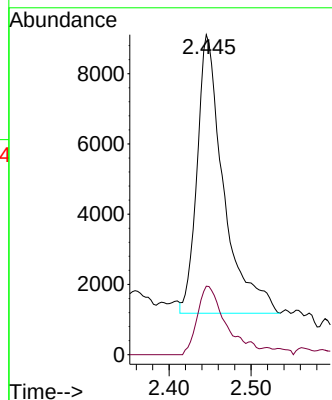
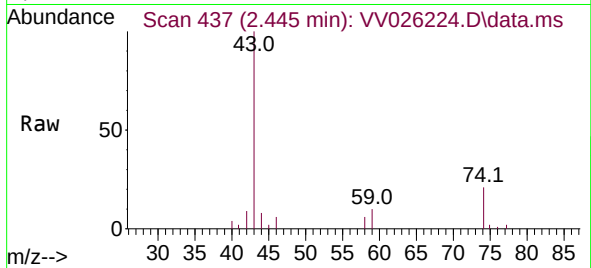




#15
Methyl Acetate
Concen: 6.379 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

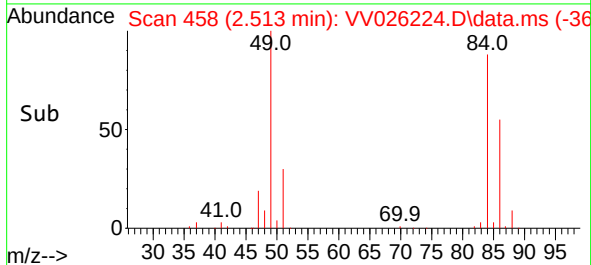
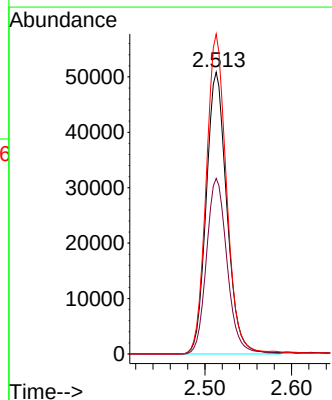
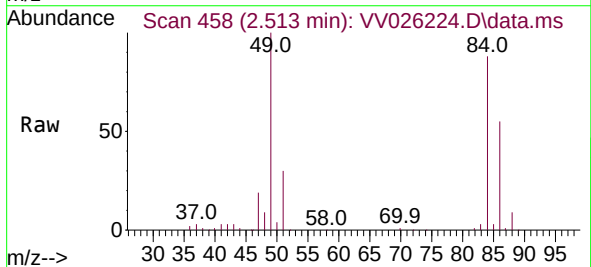
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

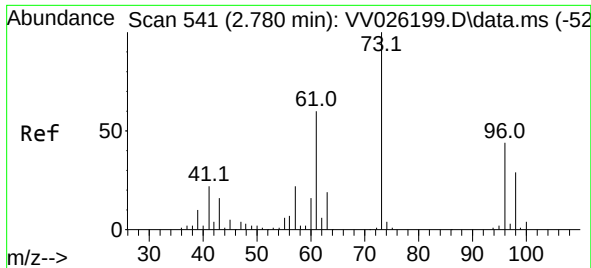
Tgt Ion: 43 Resp: 17809
Ion Ratio Lower Upper
43 100
74 25.1 18.9 28.3



#16
Methylene chloride
Concen: 6.214 ug/L
RT: 2.513 min Scan# 458
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 84 Resp: 84045
Ion Ratio Lower Upper
84 100
86 62.3 45.1 83.7
49 113.6 82.3 152.9

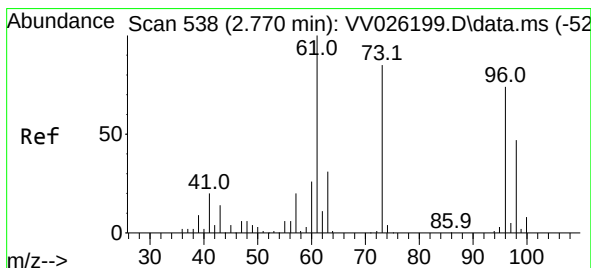
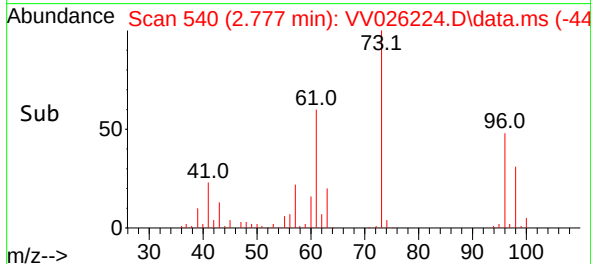
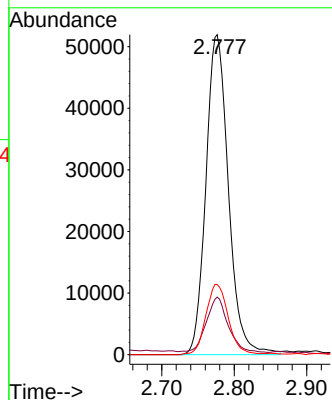
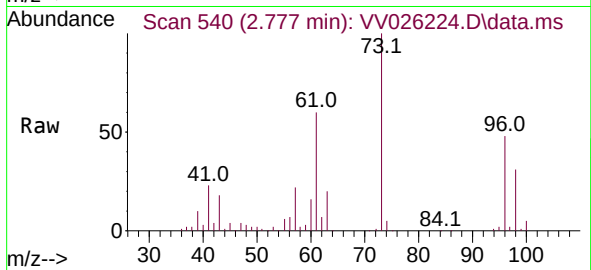




#17
Methyl tert-butyl Ether
Concen: 5.259 ug/L
RT: 2.777 min Scan# 541
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

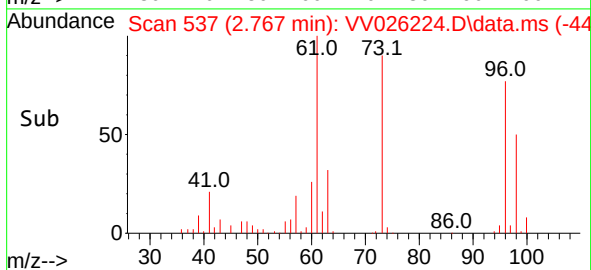
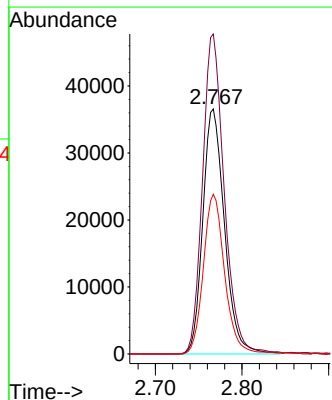
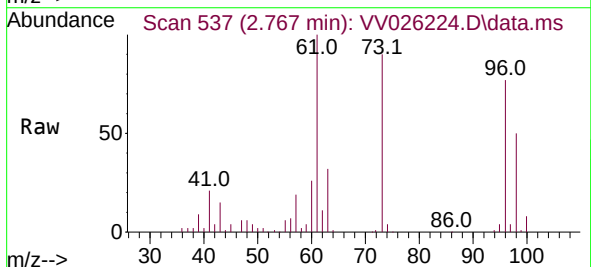
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

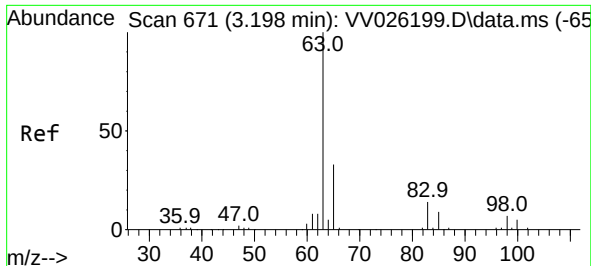
Tgt Ion: 73 Resp: 112210
Ion Ratio Lower Upper
73 100
43 16.9 13.4 20.2
57 21.9 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.061 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 96 Resp: 63681
Ion Ratio Lower Upper
96 100
61 130.6 93.5 173.7
98 65.2 44.7 83.1





#19

1,1-Dichloroethane

Concen: 5.007 ug/L

RT: 3.194 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

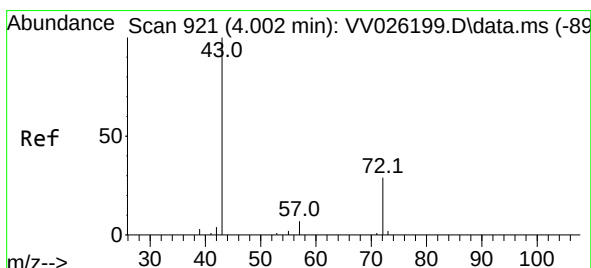
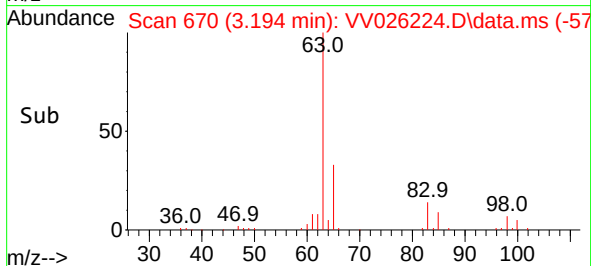
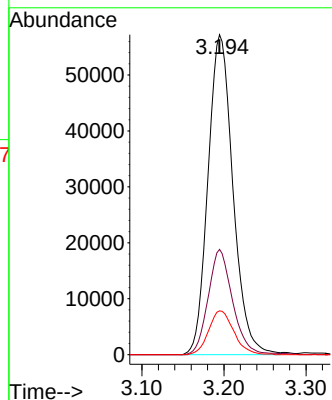
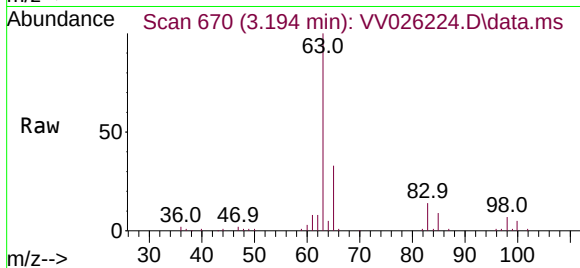
Tgt Ion: 63 Resp: 120901

Ion Ratio Lower Upper

63 100

65 32.9 22.1 41.1

83 13.7 9.5 17.7



#21

2-Butanone

Concen: 50.629 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.013 min

Lab File: VV026224.D

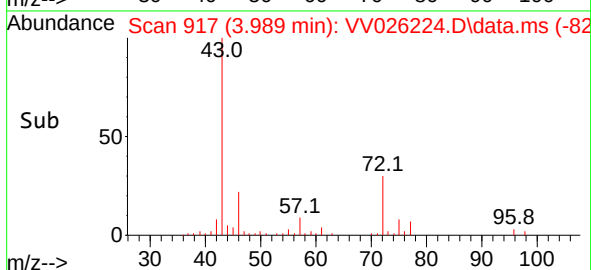
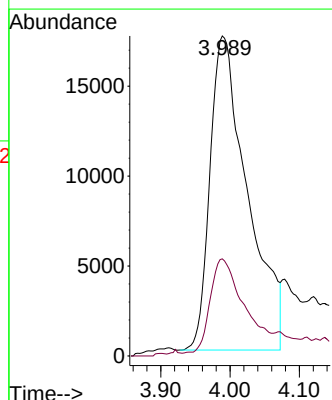
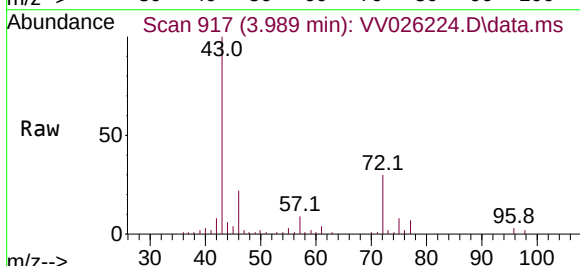
Acq: 14 Jun 2022 09:30

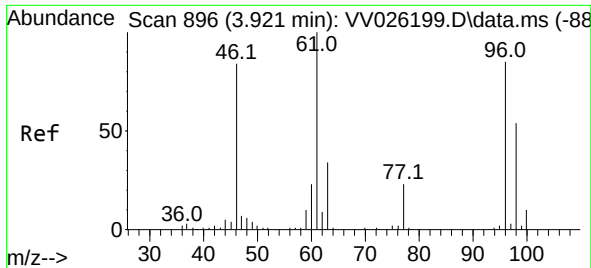
Tgt Ion: 43 Resp: 65881

Ion Ratio Lower Upper

43 100

72 27.5 10.6 31.8

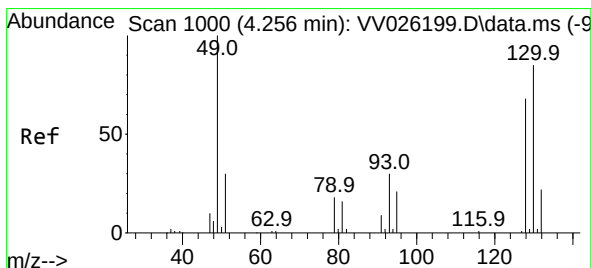
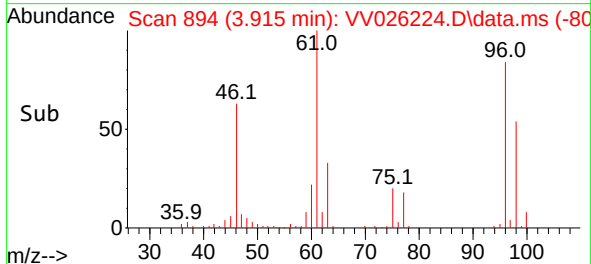
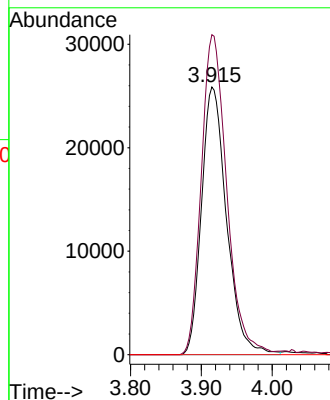
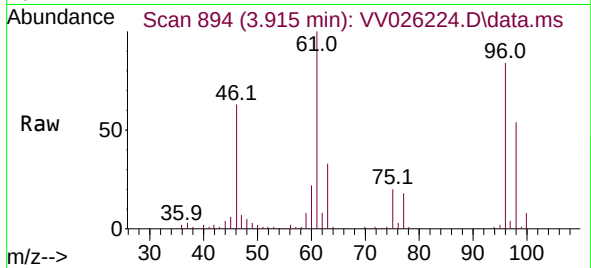




#22
 cis-1,2-Dichloroethene
 Concen: 5.025 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

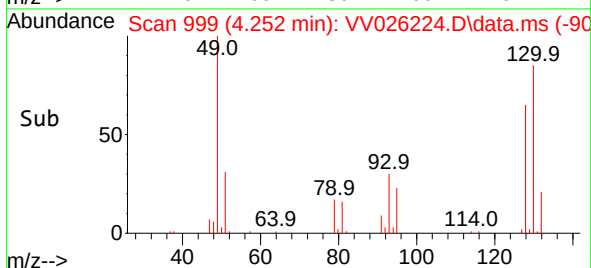
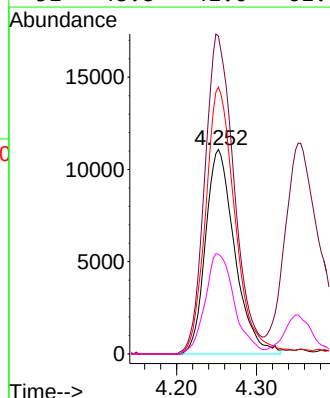
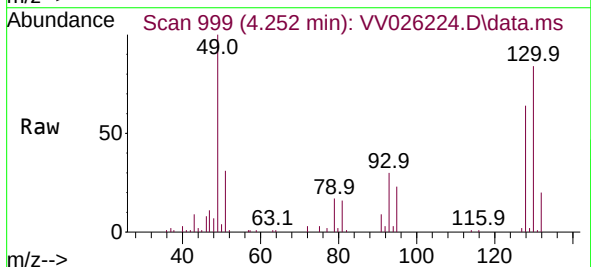
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

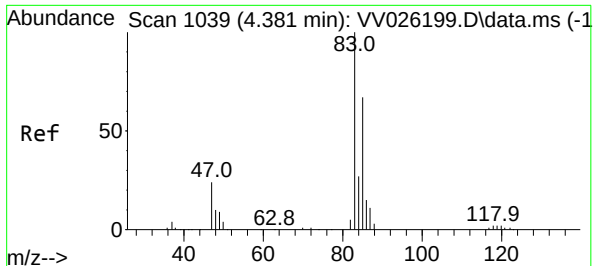
Tgt Ion: 96 Resp: 63606
 Ion Ratio Lower Upper
 96 100
 61 119.5 85.2 158.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.317 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.003 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

Tgt Ion: 128 Resp: 28102
 Ion Ratio Lower Upper
 128 100
 49 155.5 114.9 213.5
 130 130.6 89.1 165.5
 51 48.8 41.0 61.4





#25

Chloroform

Concen: 5.193 ug/L

RT: 4.378 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

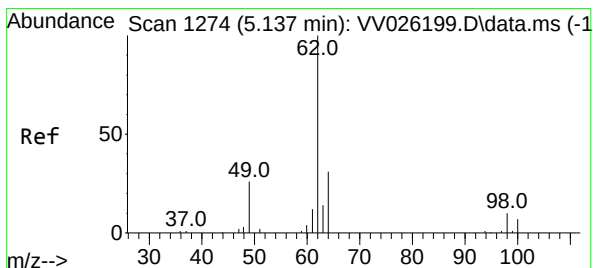
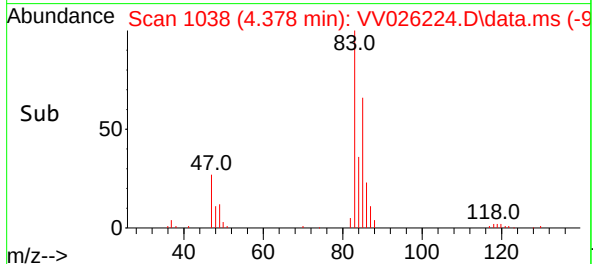
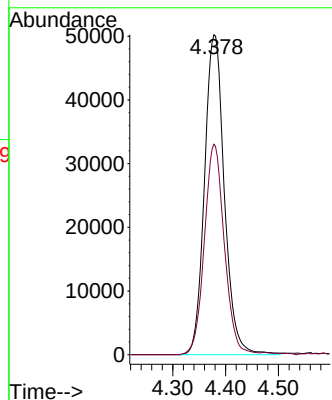
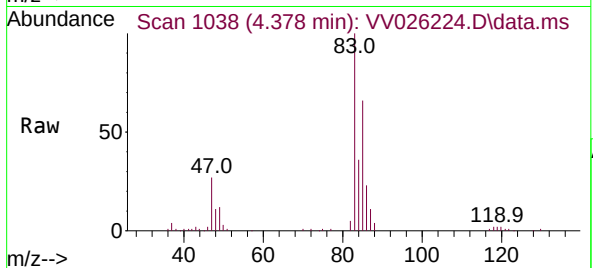
VSTD005313

Tgt Ion: 83 Resp: 131043

Ion Ratio Lower Upper

83 100

85 65.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.101 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV026224.D

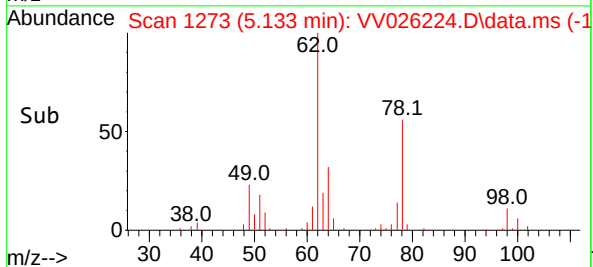
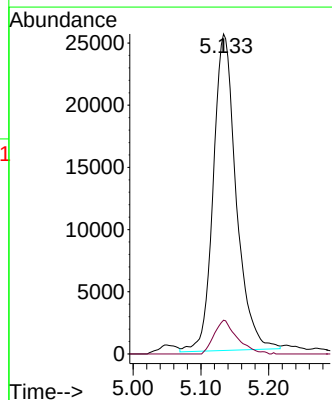
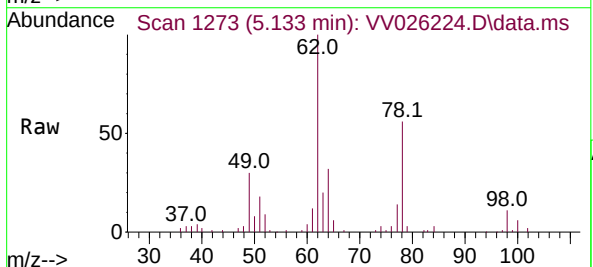
Acq: 14 Jun 2022 09:30

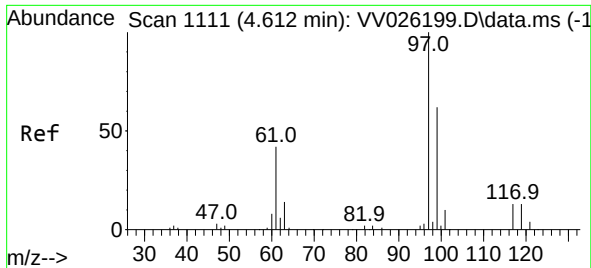
Tgt Ion: 62 Resp: 59828

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.060 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

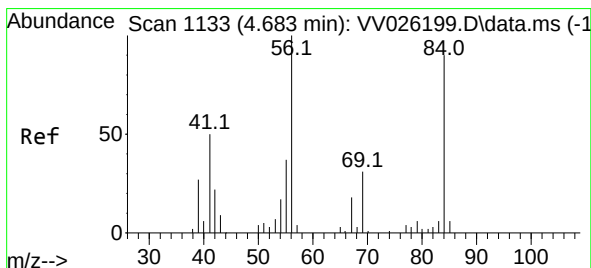
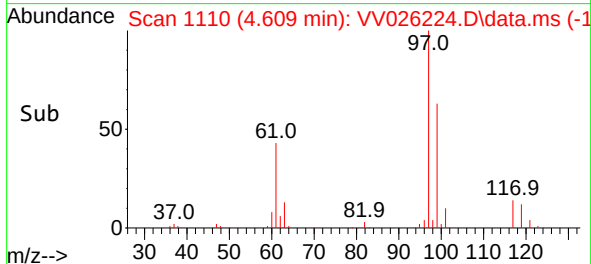
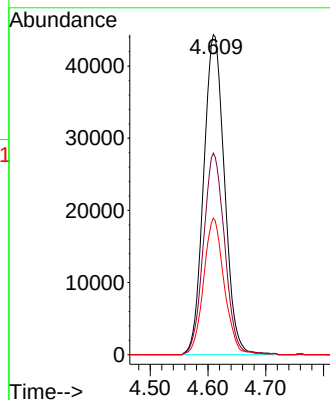
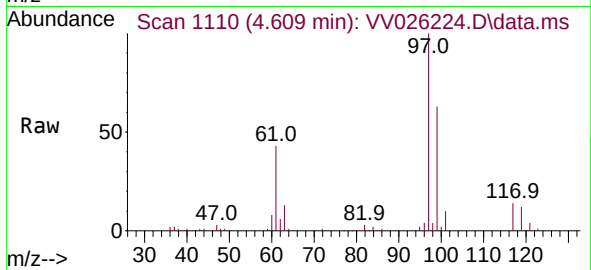
Tgt Ion: 97 Resp: 111459

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 42.0 34.9 52.3



#30

Cyclohexane

Concen: 4.856 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

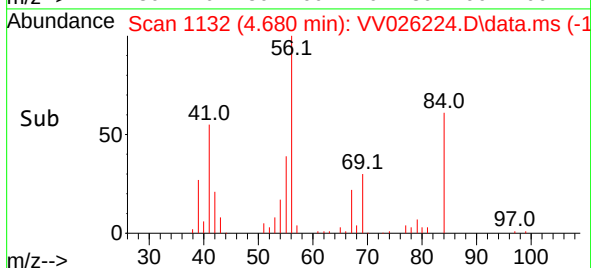
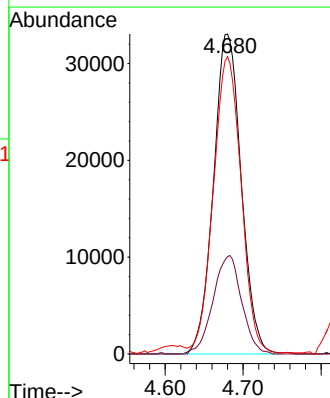
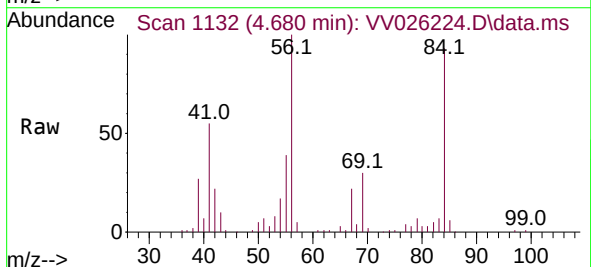
Tgt Ion: 56 Resp: 81910

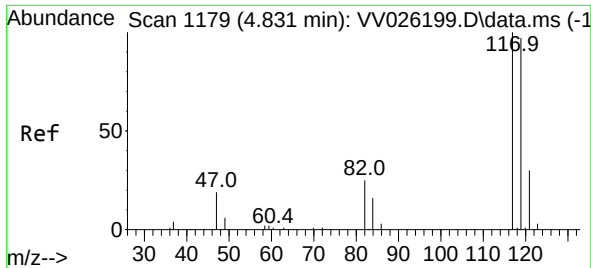
Ion Ratio Lower Upper

56 100

69 31.5 24.8 37.2

84 92.3 75.7 113.5

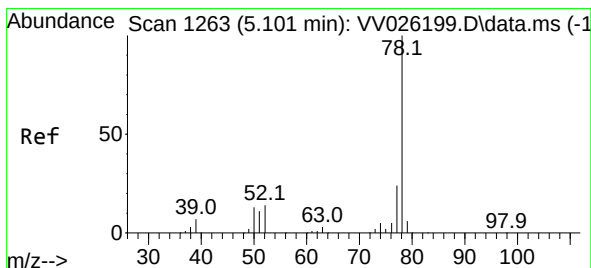
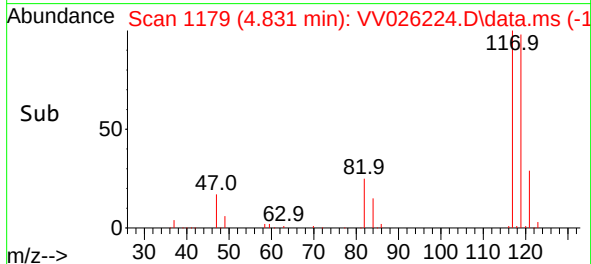
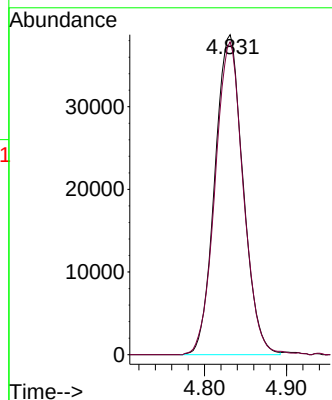
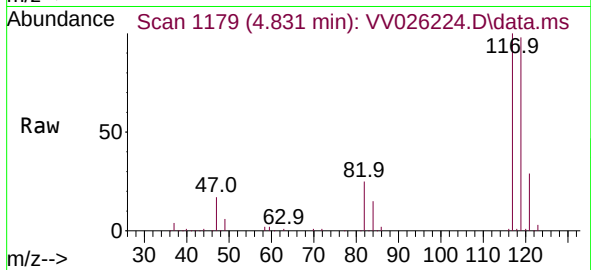




#31
Carbon tetrachloride
Concen: 5.206 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

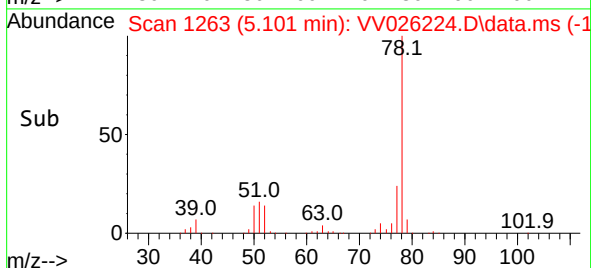
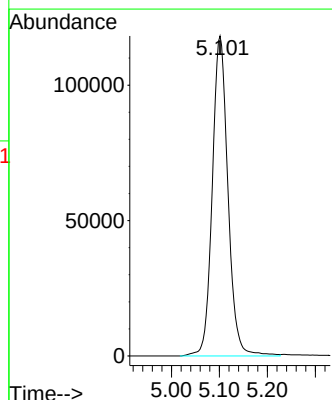
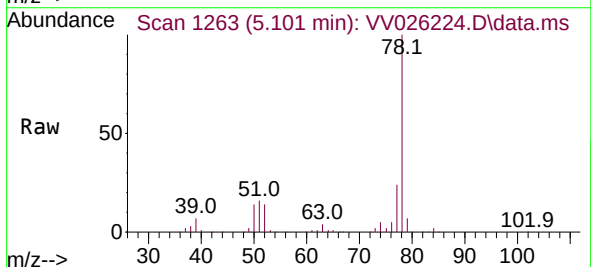
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

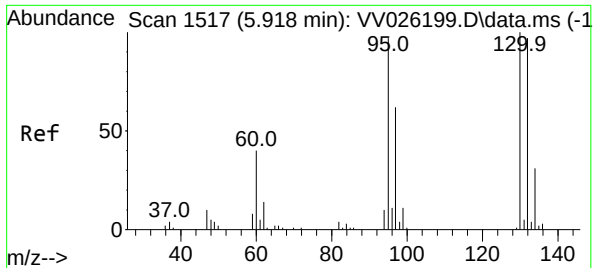
Tgt Ion:117 Resp: 92668
Ion Ratio Lower Upper
117 100
119 97.8 77.8 116.8



#33
Benzene
Concen: 5.286 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 78 Resp: 268525

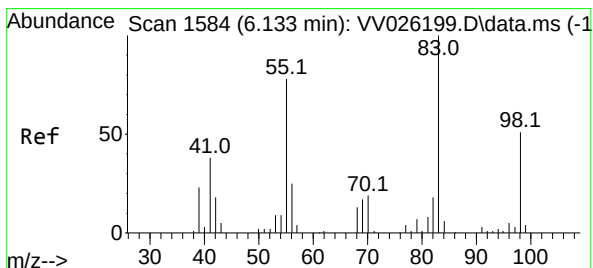
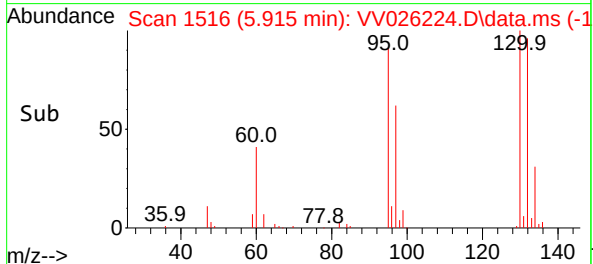
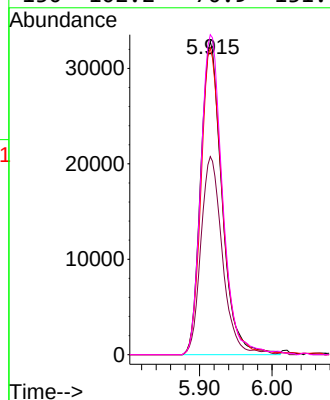
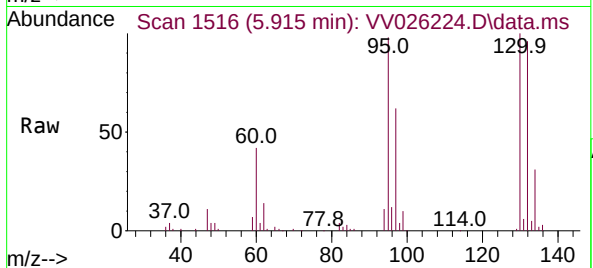




#34
Trichloroethene
Concen: 4.888 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

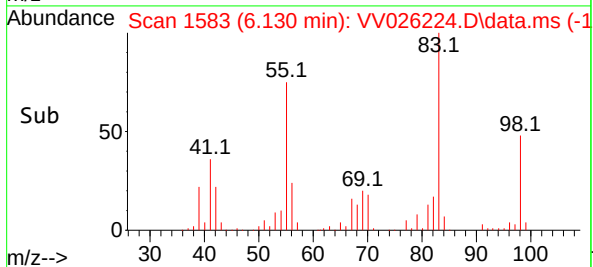
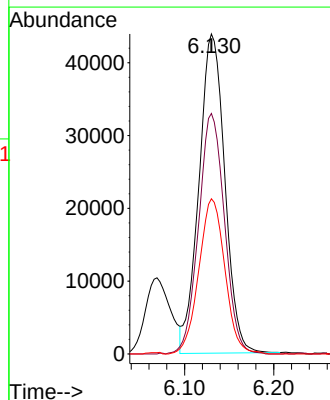
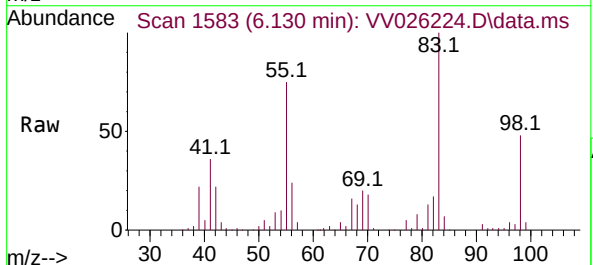
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

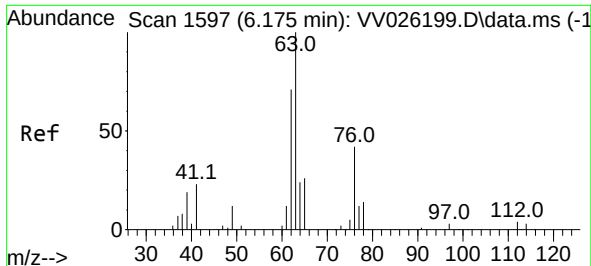
Tgt Ion: 95 Resp: 67075
Ion Ratio Lower Upper
95 100
97 63.3 43.3 80.3
132 98.0 67.5 125.4
130 102.2 70.9 131.7



#35
Methylcyclohexane
Concen: 4.759 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 83 Resp: 88271
Ion Ratio Lower Upper
83 100
55 75.6 59.5 89.3
98 49.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.050 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

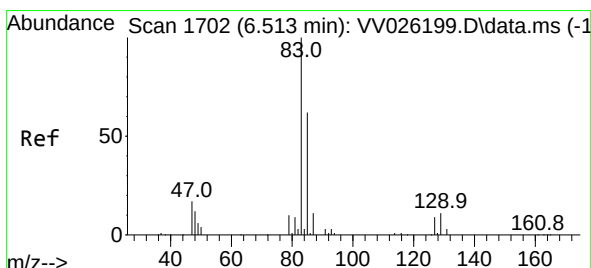
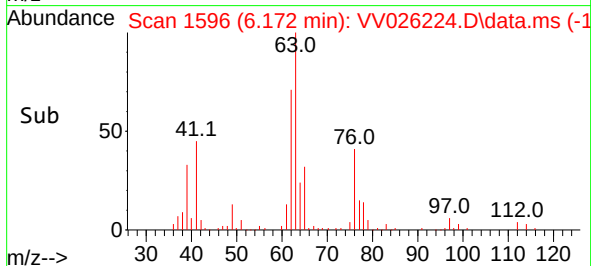
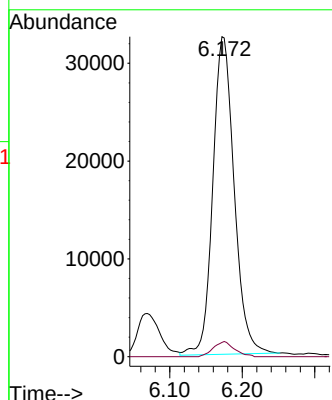
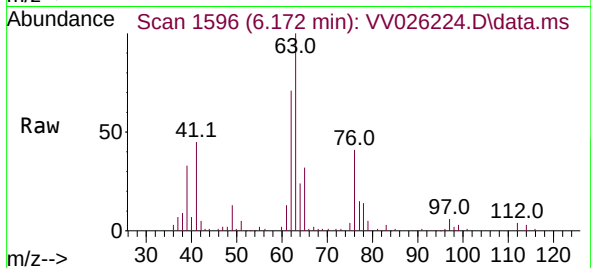
VSTD005313

Tgt Ion: 63 Resp: 66462

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 5.206 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

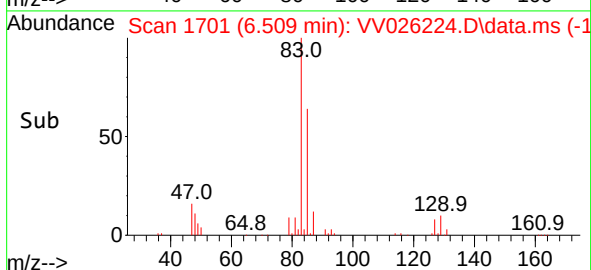
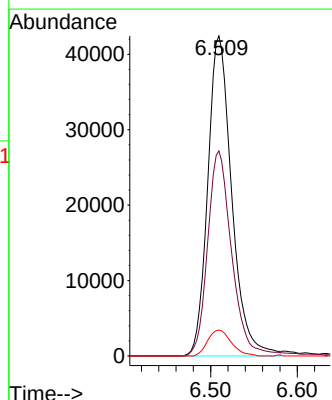
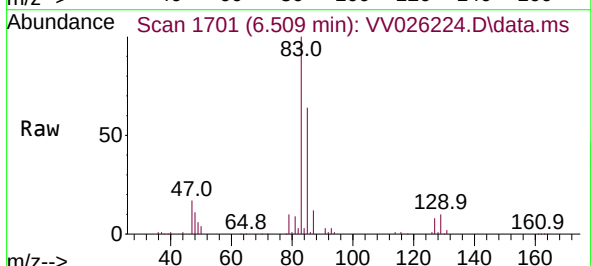
Tgt Ion: 83 Resp: 81607

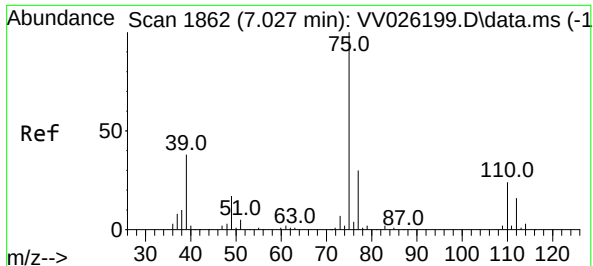
Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.576 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

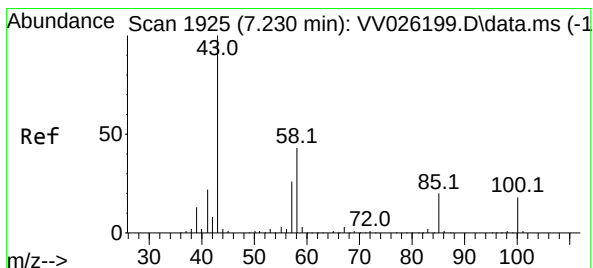
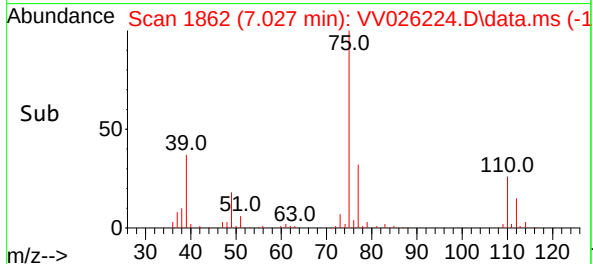
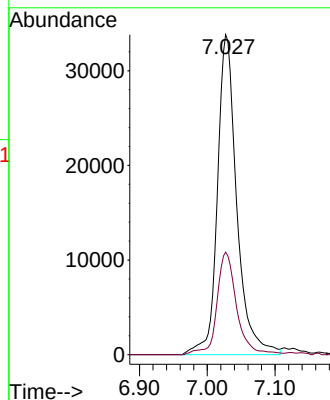
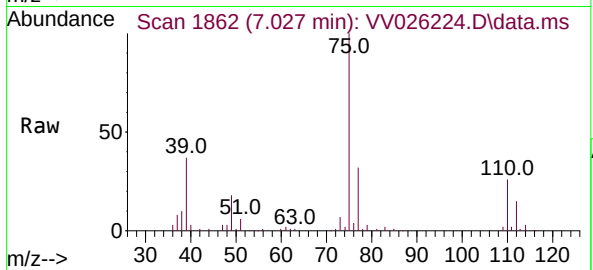
VSTD005313

Tgt Ion: 75 Resp: 67189

Ion Ratio Lower Upper

75 100

77 32.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 57.802 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

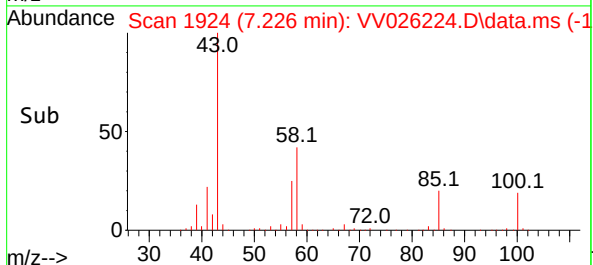
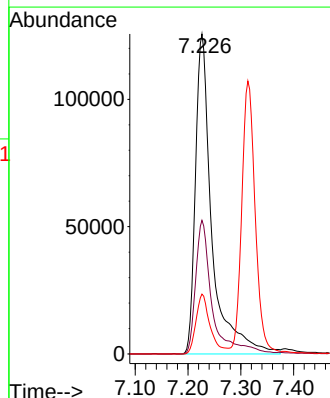
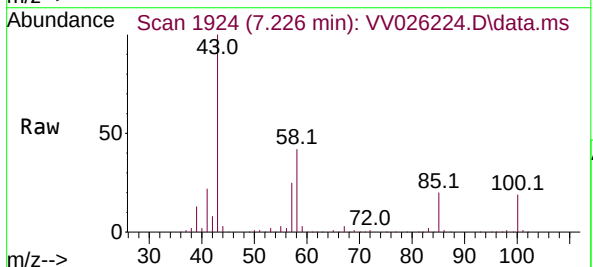
Tgt Ion: 43 Resp: 272229

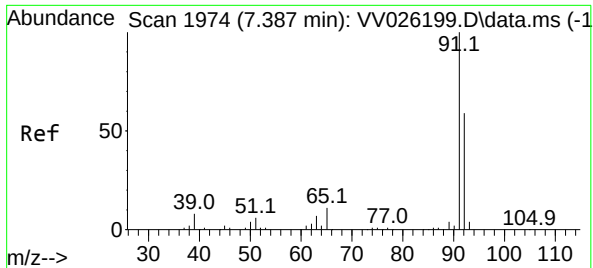
Ion Ratio Lower Upper

43 100

58 41.8 30.9 46.3

100 16.1 12.0 18.0





#42

Toluene

Concen: 5.459 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

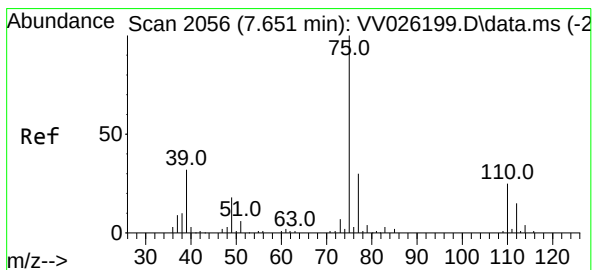
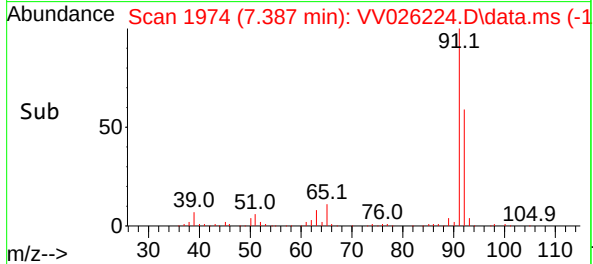
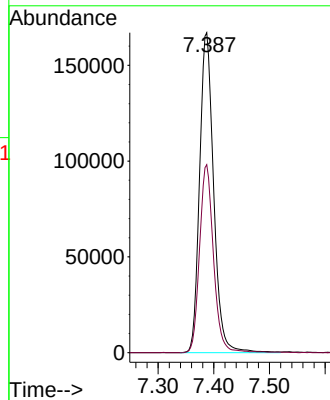
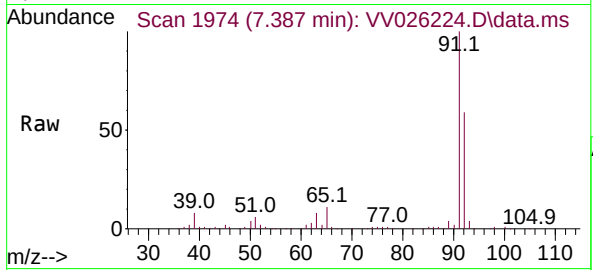
VSTD005313

Tgt Ion: 91 Resp: 293624

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.096 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV026224.D

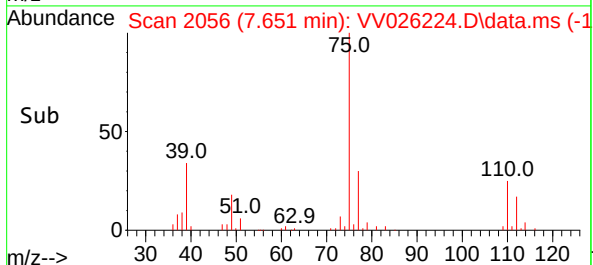
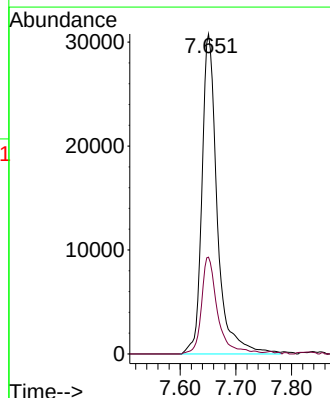
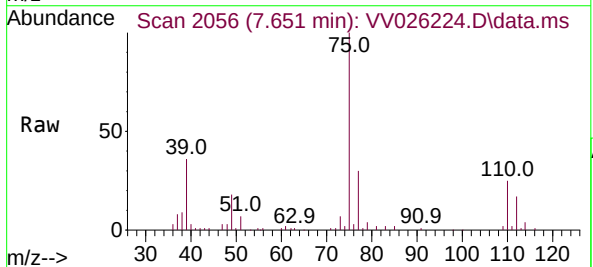
Acq: 14 Jun 2022 09:30

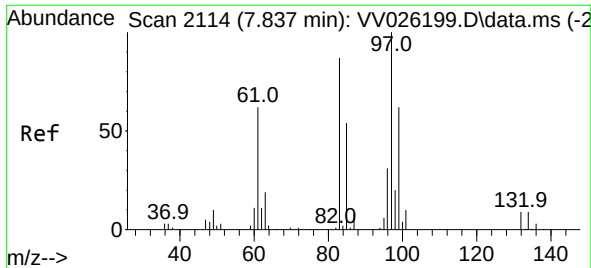
Tgt Ion: 75 Resp: 58852

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.3

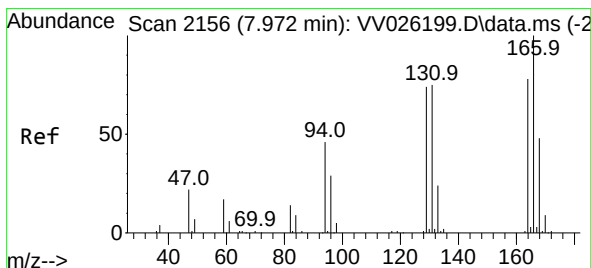
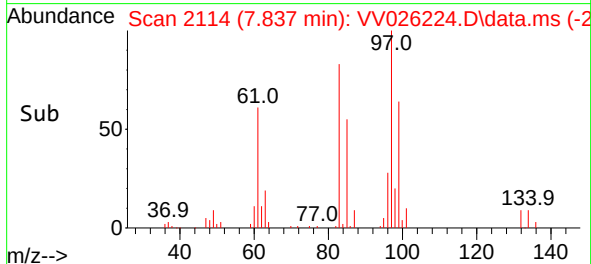
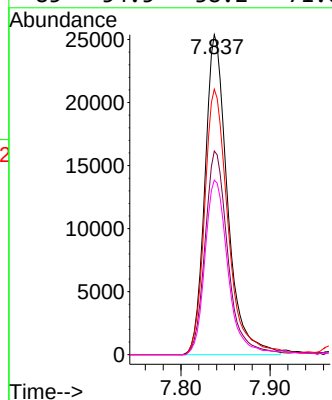
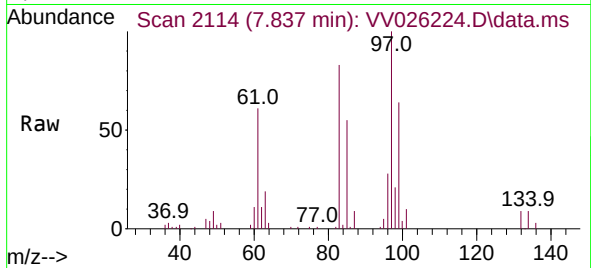




#45
1,1,2-Trichloroethane
Concen: 5.399 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

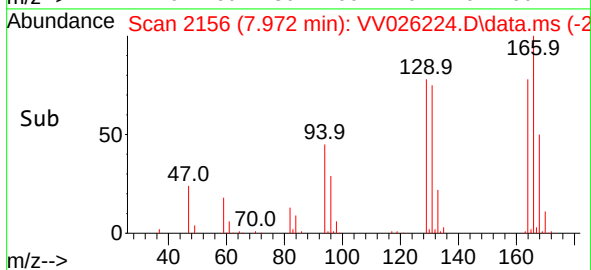
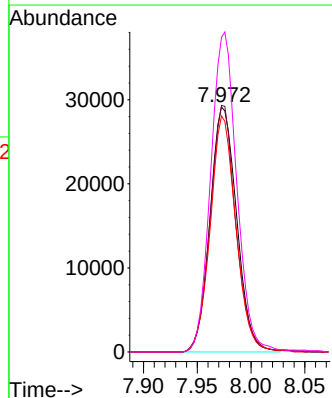
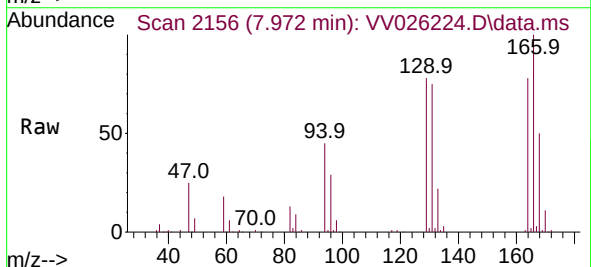
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

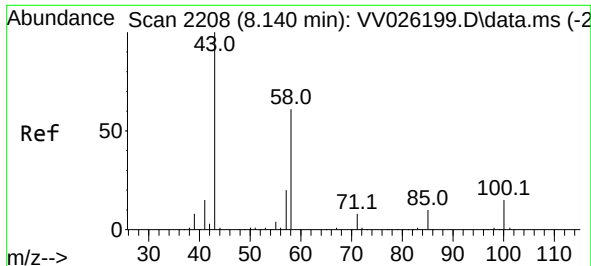
Tgt Ion:	97	Resp:	44726
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.0	80.0
83	82.9	58.4	108.4
85	54.5	38.2	71.0



#47
Tetrachloroethene
Concen: 5.077 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion:	164	Resp:	50021
Ion	Ratio	Lower	Upper
164	100		
129	100.6	66.1	122.7
131	96.3	65.0	120.6
166	128.4	88.1	163.7



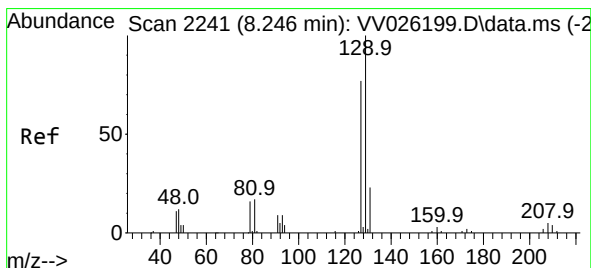
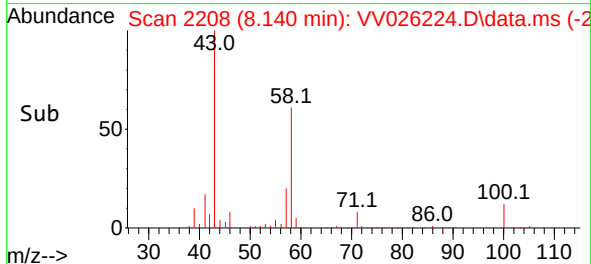
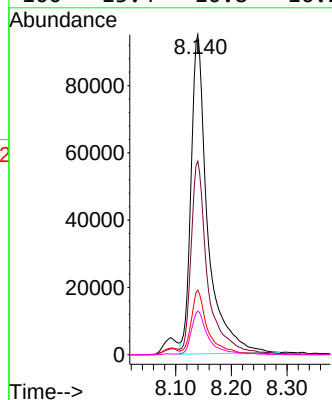
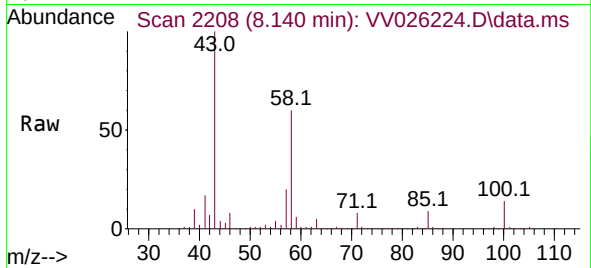


#48
2-Hexanone
Concen: 58.932 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

Tgt Ion: 43 Resp: 197096

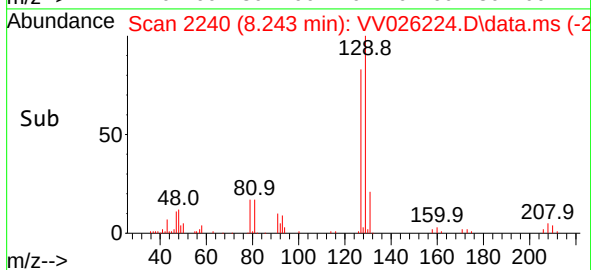
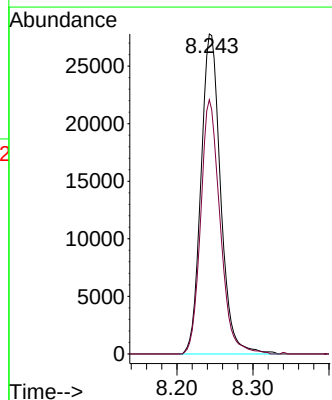
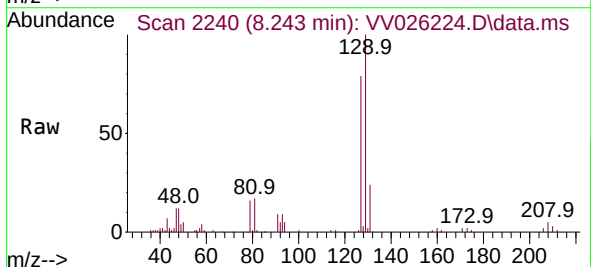
Ion	Ratio	Lower	Upper
43	100		
58	59.9	46.1	69.1
57	19.1	15.3	22.9
100	13.4	10.8	16.2

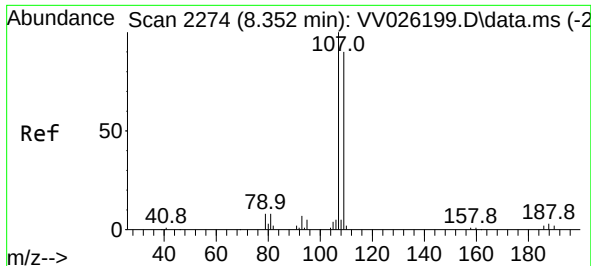


#49
Dibromochloromethane
Concen: 5.518 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 129 Resp: 49895

Ion	Ratio	Lower	Upper
129	100		
127	79.5	50.9	94.5





#50

1,2-Dibromoethane

Concen: 5.411 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

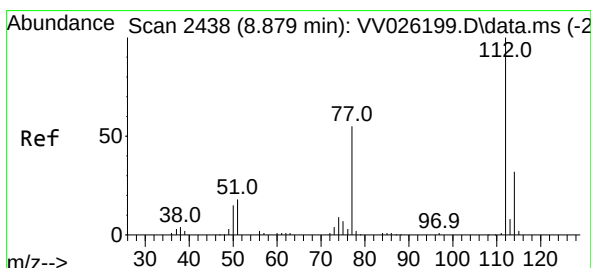
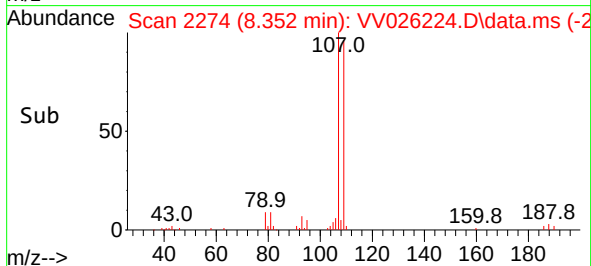
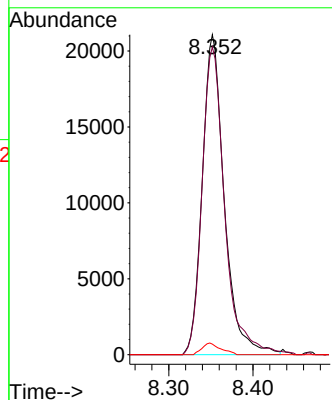
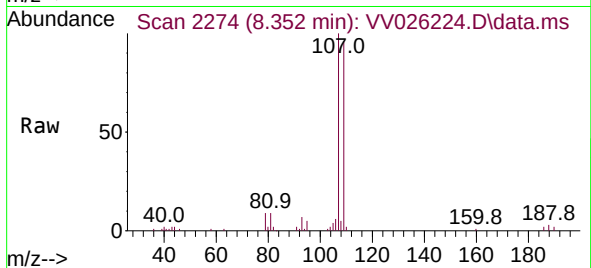
Tgt Ion:107 Resp: 38344

Ion Ratio Lower Upper

107 100

109 96.2 66.9 124.3

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 5.094 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

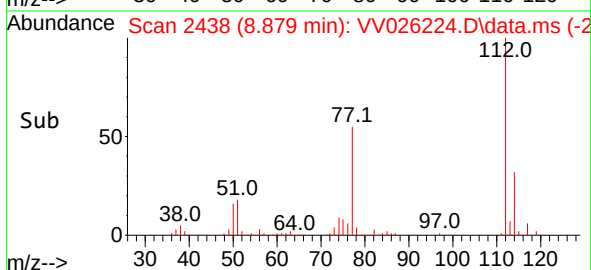
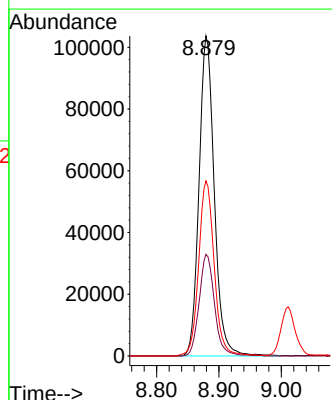
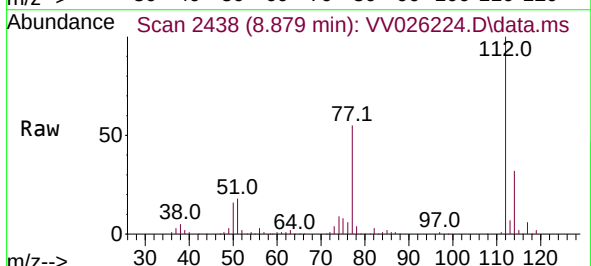
Tgt Ion:112 Resp: 176189

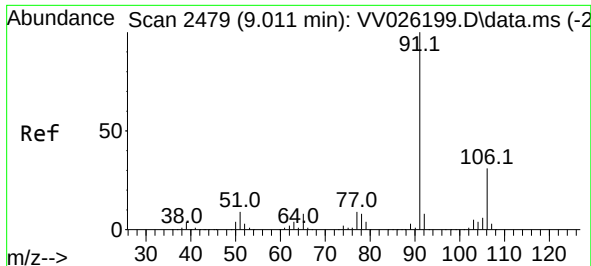
Ion Ratio Lower Upper

112 100

114 31.8 21.8 40.6

77 54.7 44.6 66.8

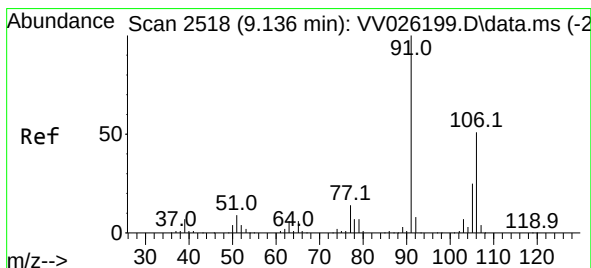
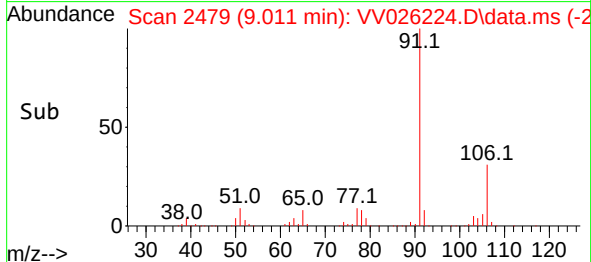
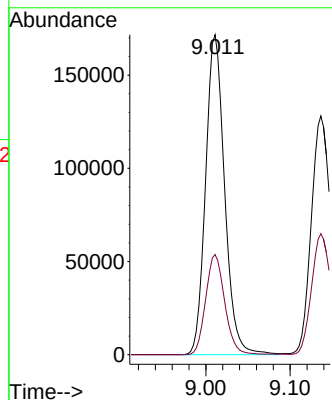
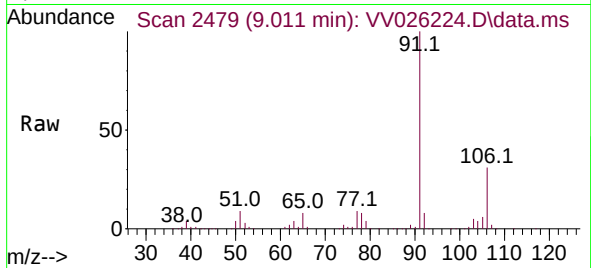




#52
Ethylbenzene
Concen: 5.059 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

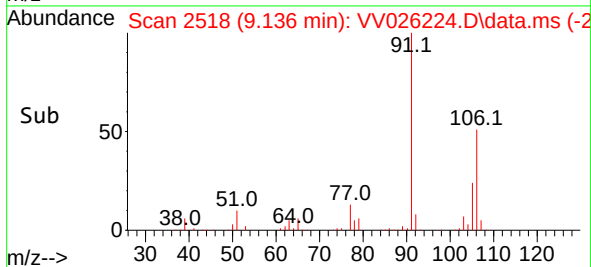
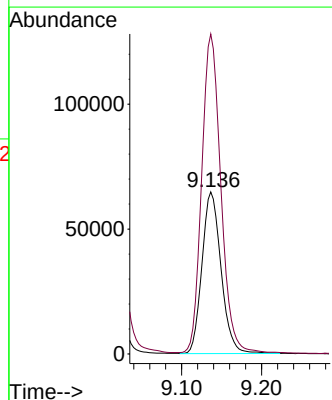
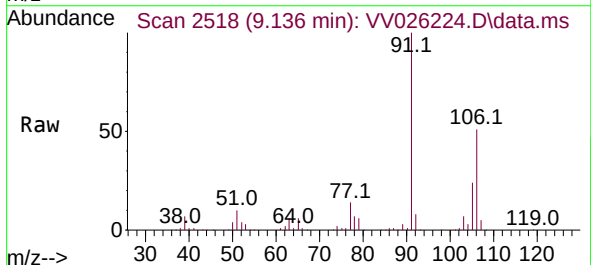
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

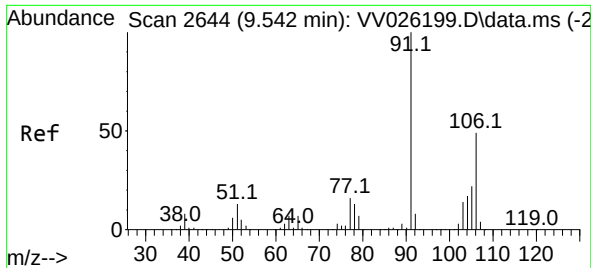
Tgt Ion: 91 Resp: 270008
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 5.268 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 106 Resp: 107626
Ion Ratio Lower Upper
106 100
91 197.4 142.0 263.8

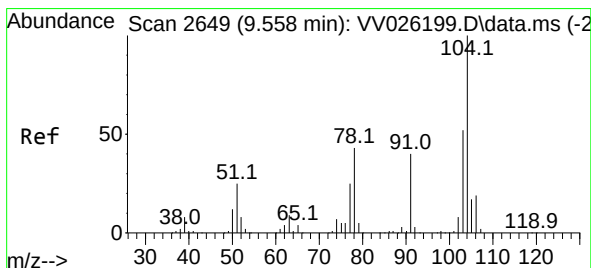
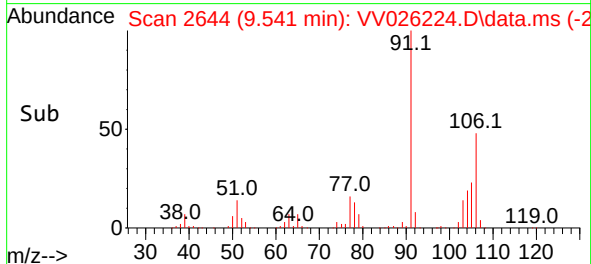
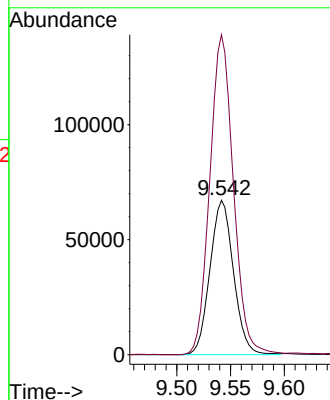
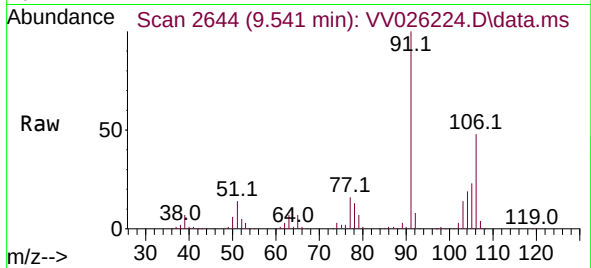




#54
o-Xylene
Concen: 5.175 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

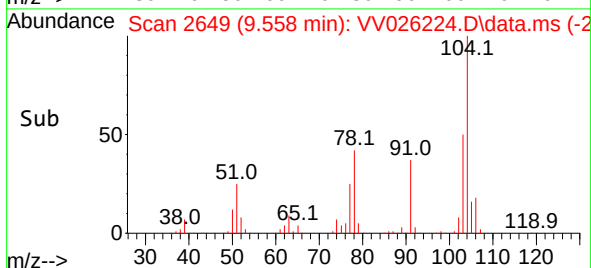
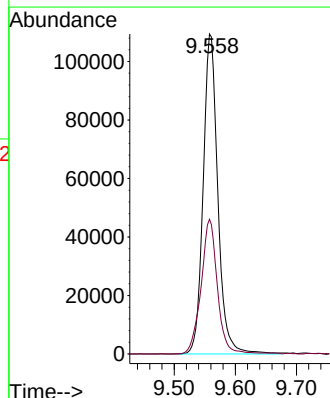
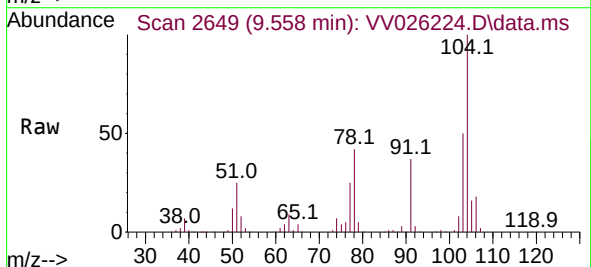
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

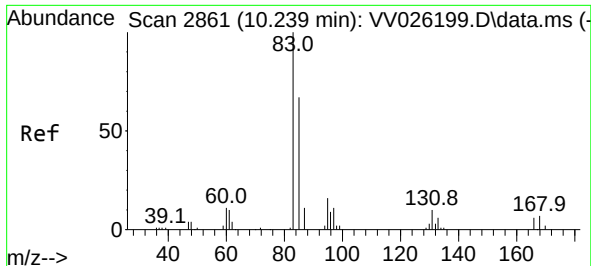
Tgt Ion:106 Resp: 102219
Ion Ratio Lower Upper
106 100
91 207.1 149.0 276.6



#55
Styrene
Concen: 5.608 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion:104 Resp: 182620
Ion Ratio Lower Upper
104 100
78 42.1 29.7 55.1

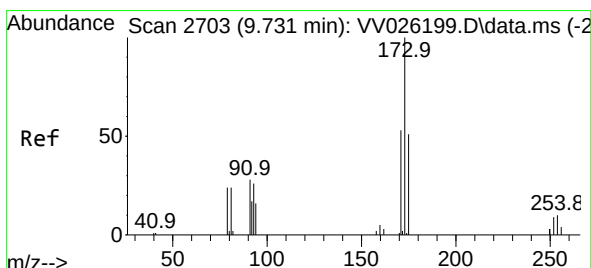
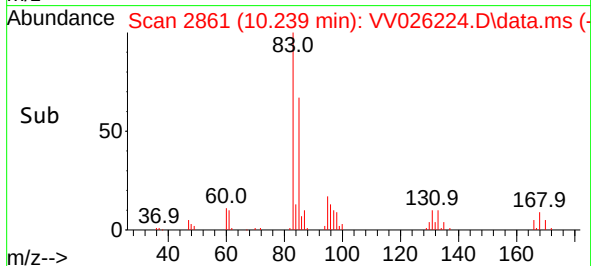
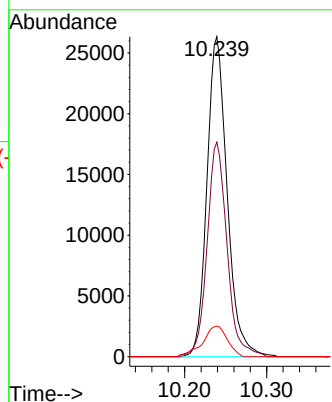
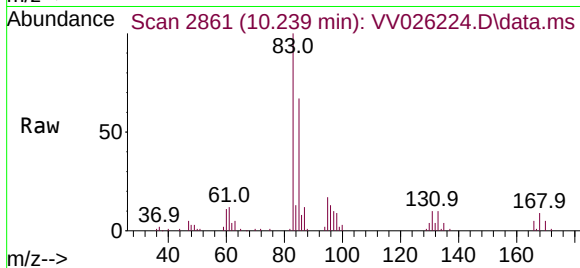




#57
1,1,2,2-Tetrachloroethane
Concen: 5.368 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

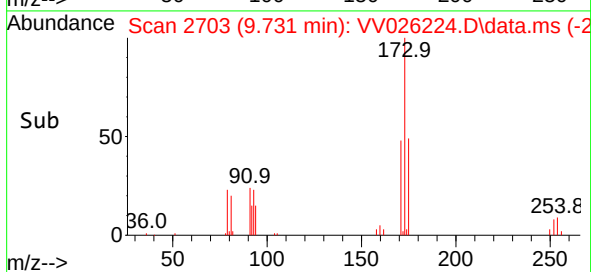
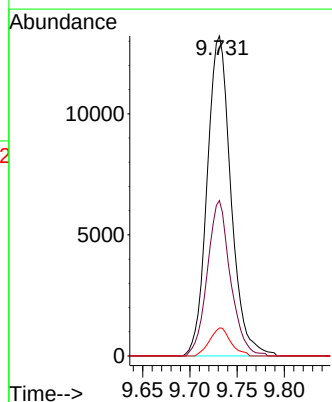
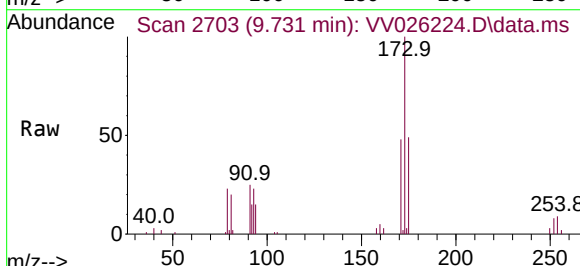
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

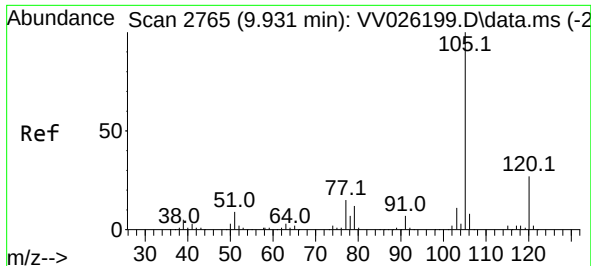
Tgt Ion: 83 Resp: 45072
Ion Ratio Lower Upper
83 100
85 67.1 45.8 85.2
131 9.6 7.1 10.7



#59
Bromoform
Concen: 5.564 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 173 Resp: 23099
Ion Ratio Lower Upper
173 100
175 47.2 37.4 56.2
254 7.8 6.5 9.7

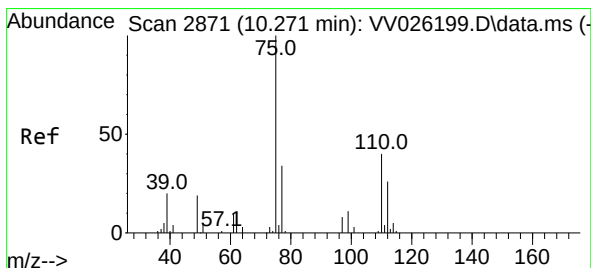
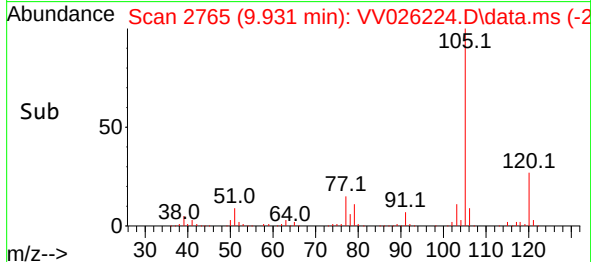
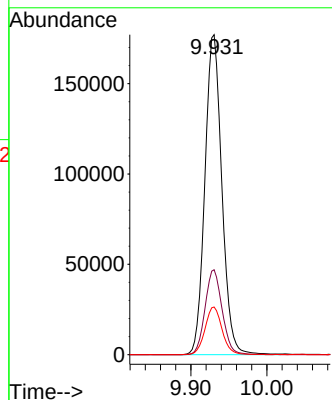
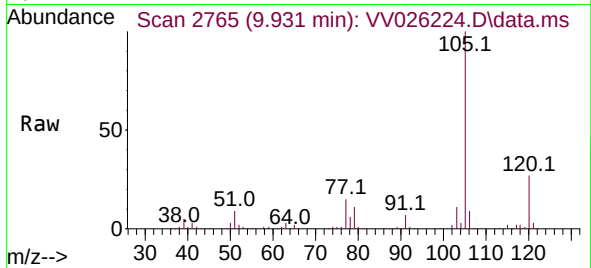




#60
Isopropylbenzene
Concen: 4.864 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

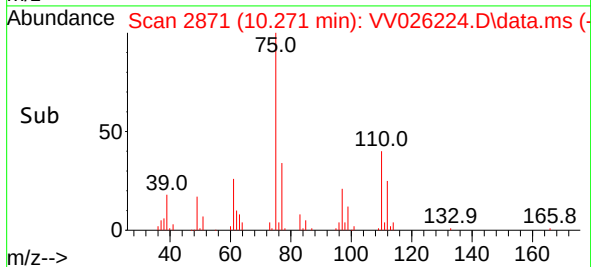
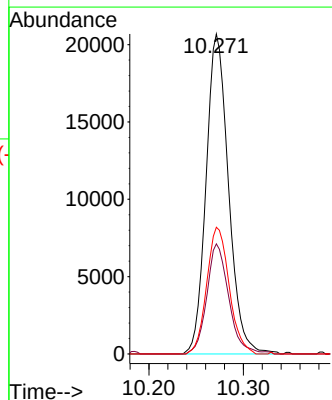
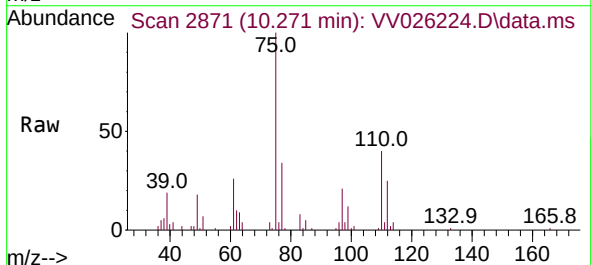
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

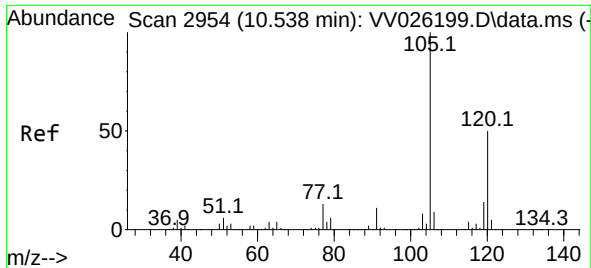
Tgt Ion:105 Resp: 274925
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.147 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 75 Resp: 34124
Ion Ratio Lower Upper
75 100
77 33.7 27.8 41.8
110 39.6 33.0 49.4

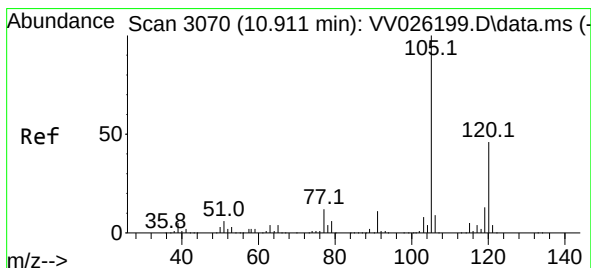
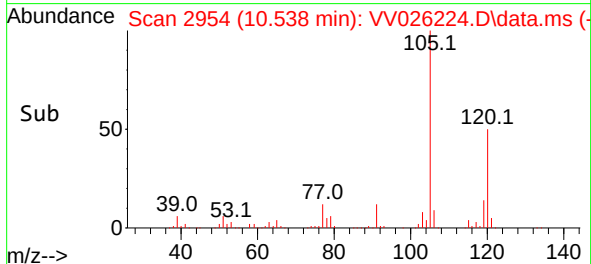
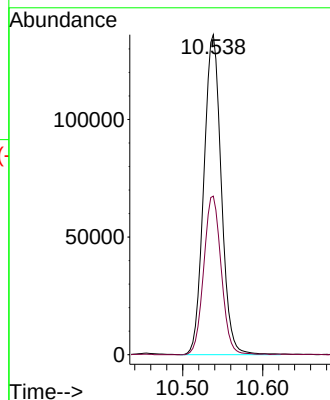
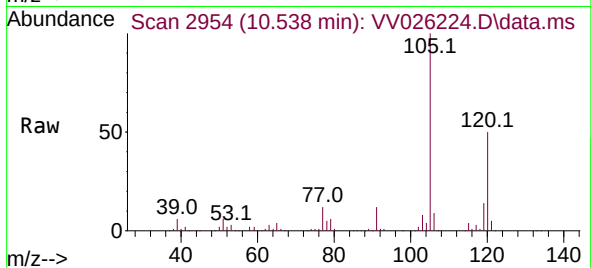




#62
 1,3,5-Trimethylbenzene
 Concen: 4.647 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

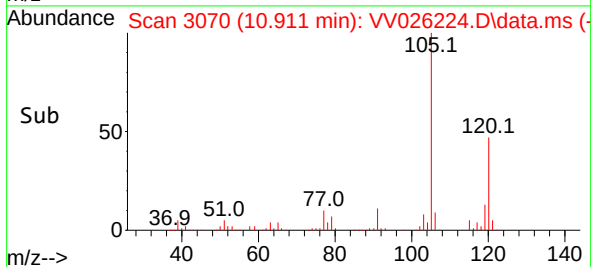
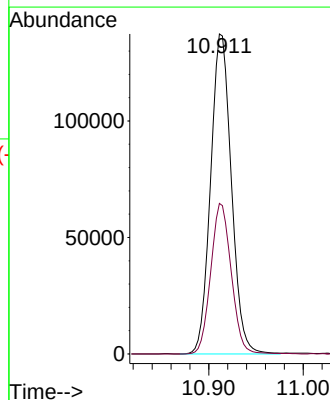
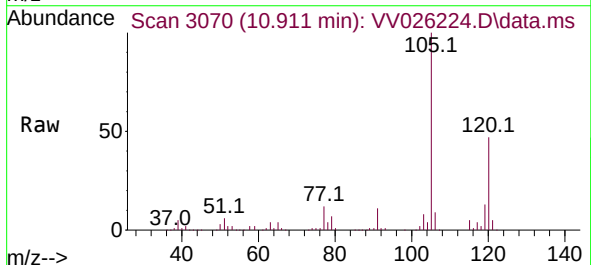
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

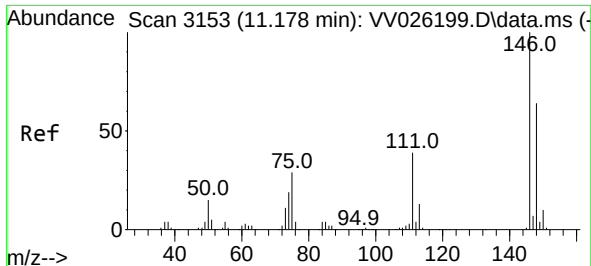
Tgt Ion:105 Resp: 207145
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.776 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV026224.D
 Acq: 14 Jun 2022 09:30

Tgt Ion:105 Resp: 209537
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.9 55.3

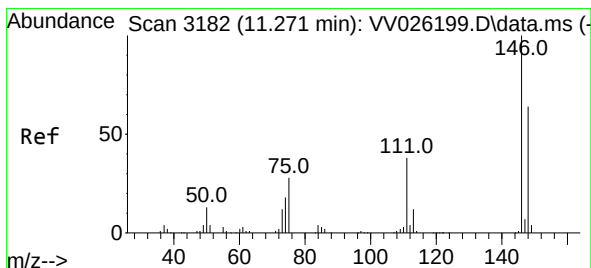
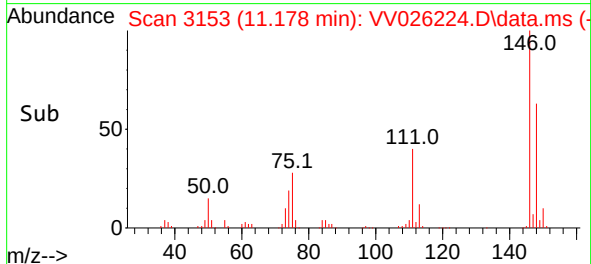
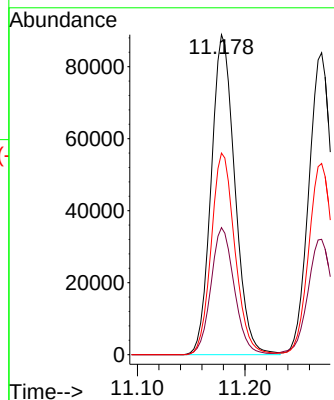
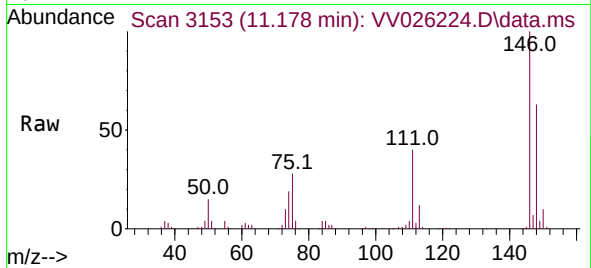




#64
1,3-Dichlorobenzene
Concen: 5.049 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

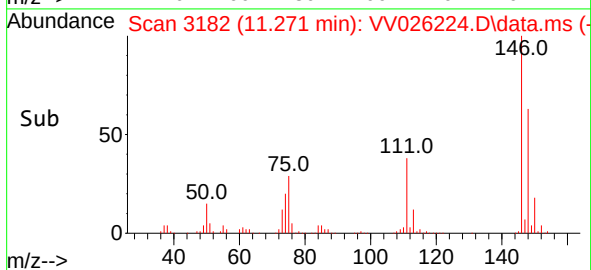
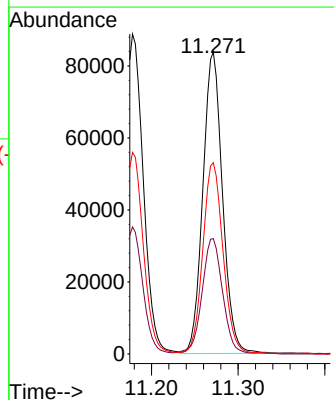
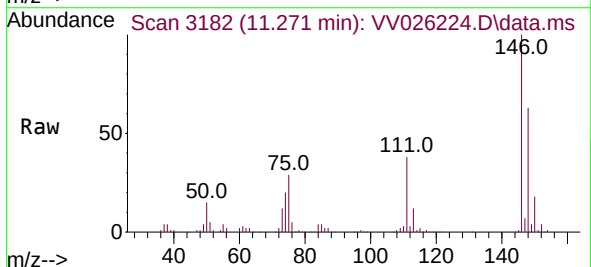
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

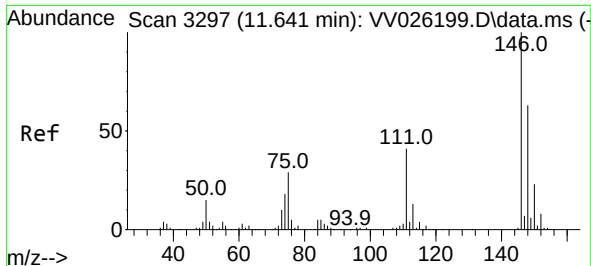
Tgt Ion:146 Resp: 136081
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.4
148 63.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.925 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion:146 Resp: 131664
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.4
148 63.4 45.9 85.3

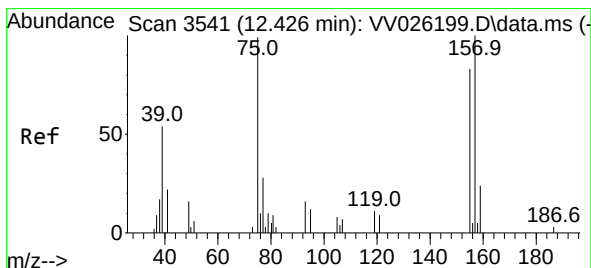
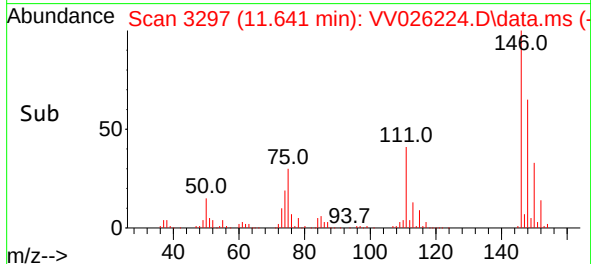
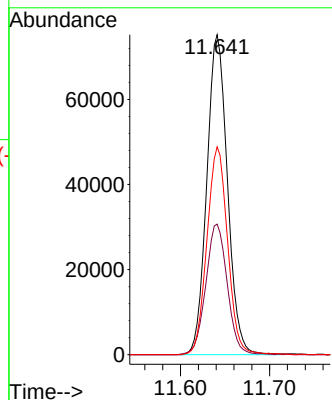
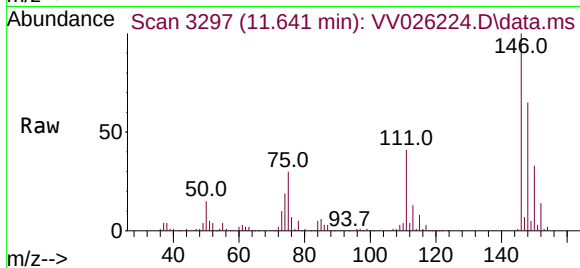




#67
1,2-Dichlorobenzene
Concen: 5.006 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

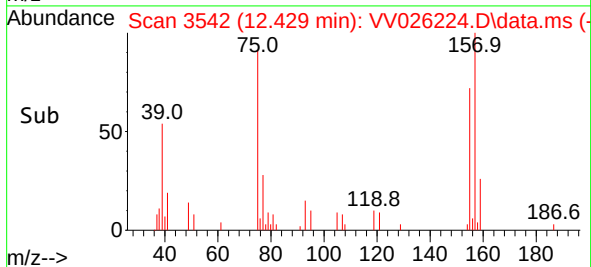
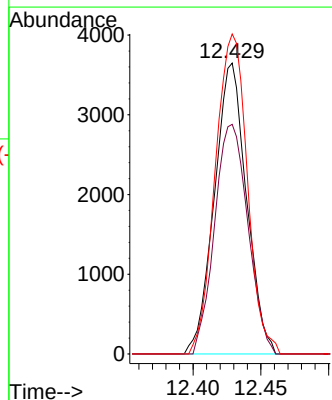
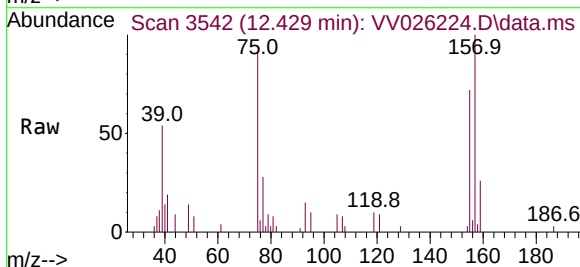
Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

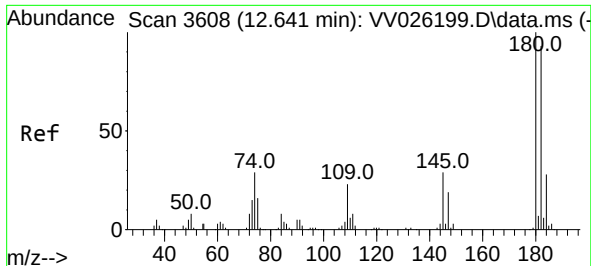
Tgt Ion:146 Resp: 120962
Ion Ratio Lower Upper
146 100
111 40.8 32.6 49.0
148 64.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.163 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion: 75 Resp: 6008
Ion Ratio Lower Upper
75 100
155 78.9 67.0 100.6
157 110.0 77.7 116.5





#69

1,3,5-Trichlorobenzene

Concen: 4.686 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005313

Tgt Ion:180 Resp: 88770

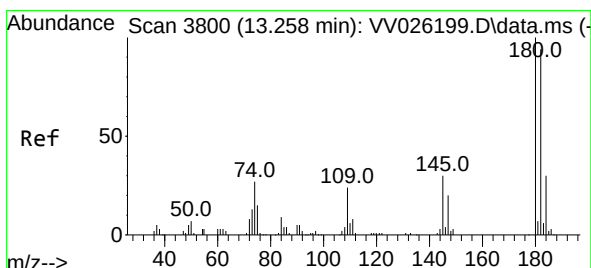
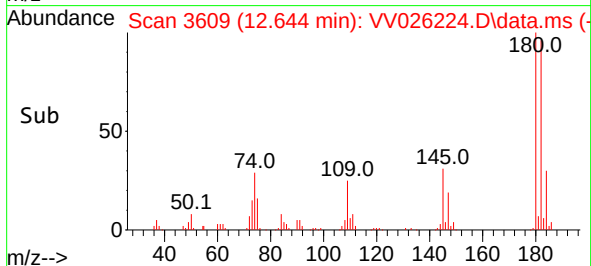
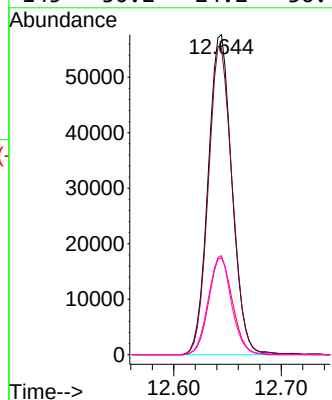
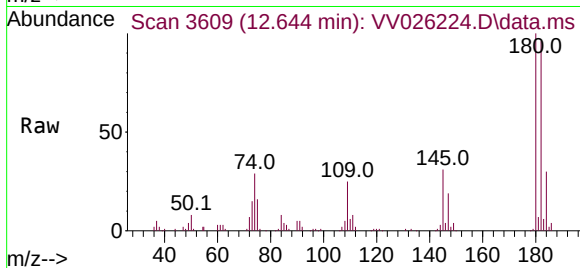
Ion Ratio Lower Upper

180 100

182 97.0 74.6 111.8

184 30.2 23.5 35.3

145 30.2 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.885 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026224.D

Acq: 14 Jun 2022 09:30

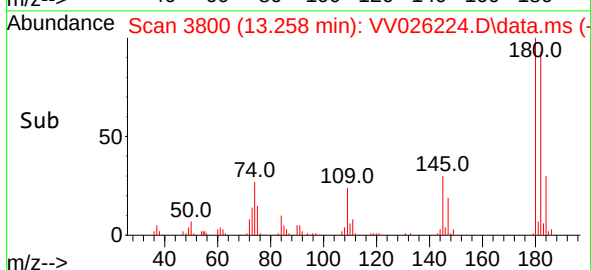
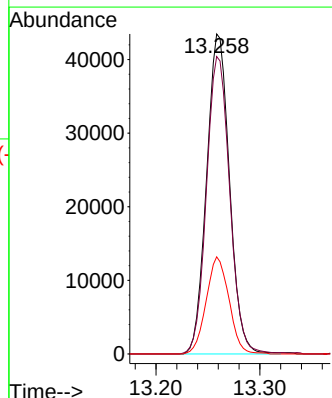
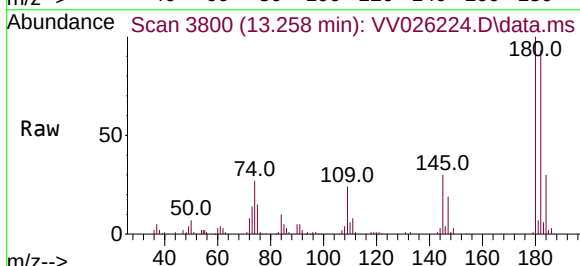
Tgt Ion:180 Resp: 66607

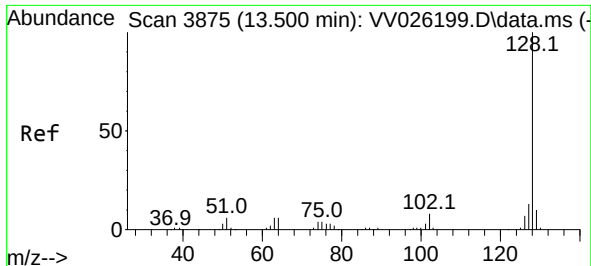
Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.6

145 30.2 23.8 35.8

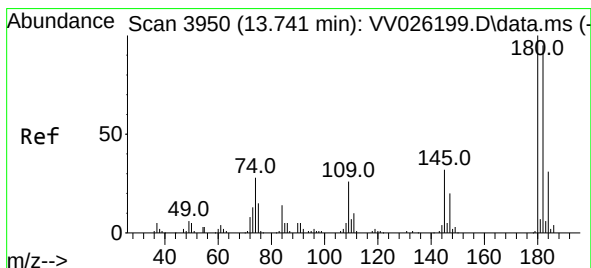
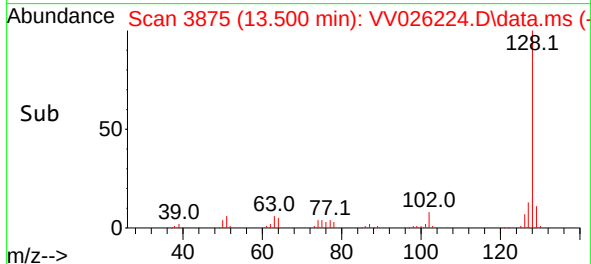
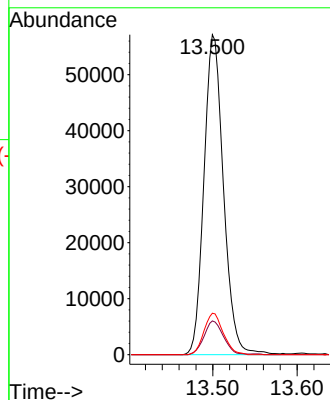
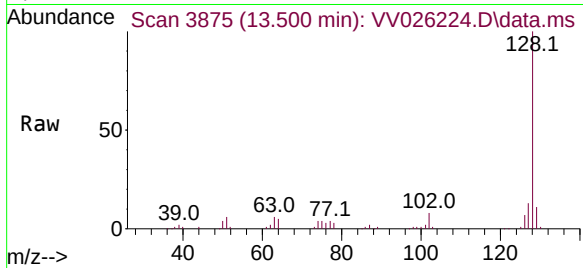




#71
Naphthalene
Concen: 4.839 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

Tgt Ion:128 Resp: 92244
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.8 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.084 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026224.D
Acq: 14 Jun 2022 09:30

Tgt Ion:180 Resp: 57241
Ion Ratio Lower Upper
180 100
182 94.6 72.3 108.5
145 32.1 25.4 38.0

