

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026617.D
 Acq On : 01 Jul 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: Jul 04 01:53:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	205813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	69203	4.181	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.577	69	61990	4.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.117	63	132717	4.512	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	3.915	46	99468	60.446	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.900%	
24) Chloroform-d	4.355	84	138085	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.037	65	54950	5.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.053	84	254795	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.069	67	75510	4.869	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.313	98	233131	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.622	79	22853	5.701	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	114.000%	
46) 2-Hexanone-d5	8.088	63	82406	53.975	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.940%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	56443	5.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75780	4.584	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	80277	5.122	ug/L	99
3) Chloromethane	1.252	50	83093	4.848	ug/L	98
5) Vinyl chloride	1.320	62	90868	4.979	ug/L	94
6) Bromomethane	1.532	94	50006	5.062	ug/L	98
8) Chloroethane	1.596	64	59180	4.768	ug/L	97
9) Trichlorofluoromethane	1.764	101	133557	5.248	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	81373	5.396	ug/L	99
12) 1,1-Dichloroethene	2.127	96	71407	5.137	ug/L	95
13) Acetone	2.204	43	45015	43.120	ug/L	98
14) Carbon disulfide	2.301	76	185096	5.047	ug/L	97
15) Methyl Acetate	2.455	43	15644	5.197	ug/L	99
16) Methylene chloride	2.516	84	73395	4.974	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	115191	5.084	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	71032	5.009	ug/L	94
19) 1,1-Dichloroethane	3.198	63	130685	5.132	ug/L	100
21) 2-Butanone	3.998	43	82954	52.821	ug/L	85
22) cis-1,2-Dichloroethene	3.918	96	70289	4.991	ug/L	96
23) Bromochloromethane	4.256	128	33090	5.705	ug/L	88
25) Chloroform	4.381	83	142830	5.243	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

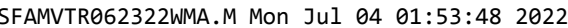
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

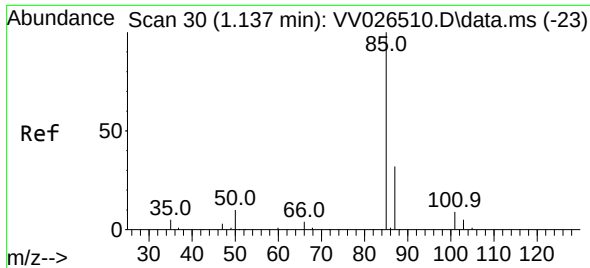
Quant Time: Jul 04 01:53:35 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	63104	5.204	ug/L	97
29) 1,1,1-Trichloroethane	4.612	97	124044	5.135	ug/L	99
30) Cyclohexane	4.680	56	84125	4.398	ug/L	97
31) Carbon tetrachloride	4.828	117	106174	5.239	ug/L	100
33) Benzene	5.101	78	288225	5.028	ug/L	100
34) Trichloroethene	5.918	95	71707	4.758	ug/L	99
35) Methylcyclohexane	6.130	83	103318	4.634	ug/L	99
37) 1,2-Dichloropropane	6.175	63	69108	5.002	ug/L	99
38) Bromodichloromethane	6.509	83	88818	5.446	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	76622	5.518	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	257223	55.117	ug/L	100
42) Toluene	7.387	91	313560	5.299	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	62648	6.065	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	48711	5.591	ug/L	98
47) Tetrachloroethene	7.972	164	60661	5.056	ug/L	98
48) 2-Hexanone	8.140	43	186283	57.342	ug/L	97
49) Dibromochloromethane	8.242	129	54487	6.176	ug/L	97
50) 1,2-Dibromoethane	8.352	107	42476	5.483	ug/L #	94
51) Chlorobenzene	8.879	112	195293	5.038	ug/L	98
52) Ethylbenzene	9.011	91	293689	4.799	ug/L	99
53) m,p-Xylene	9.136	106	119859	5.020	ug/L	99
54) o-Xylene	9.541	106	111547	4.977	ug/L	99
55) Styrene	9.558	104	194315	5.235	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	54199	5.571	ug/L	99
59) Bromoform	9.731	173	23539	6.394	ug/L	96
60) Isopropylbenzene	9.931	105	299192	4.856	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	35493	5.487	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	222663	4.572	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	225425	4.694	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	154217	5.146	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	149712	5.031	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	130034	5.100	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	6095	5.254	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	105689	4.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	72825	4.786	ug/L	100
71) Naphthalene	13.500	128	89666	4.517	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61900	4.971	ug/L	98

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

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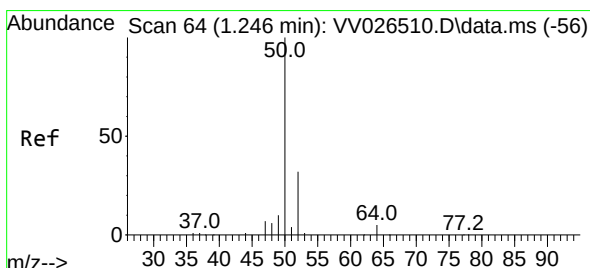
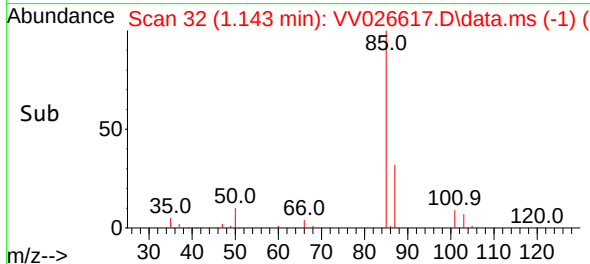
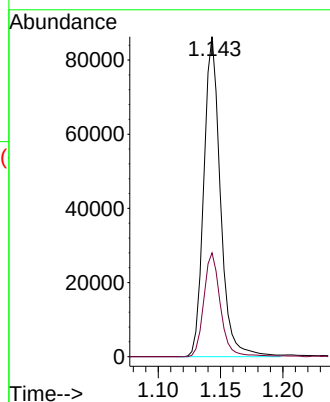
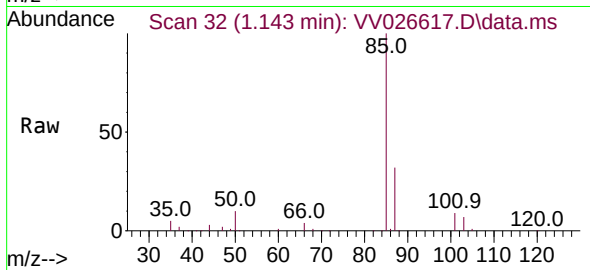




#2
 Dichlorodifluoromethane
 Concen: 5.122 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

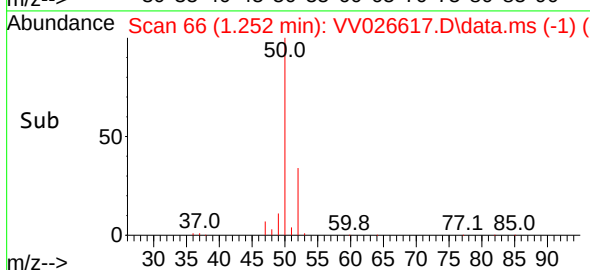
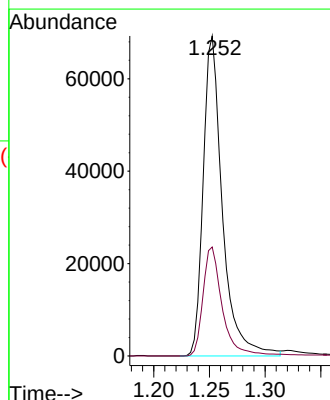
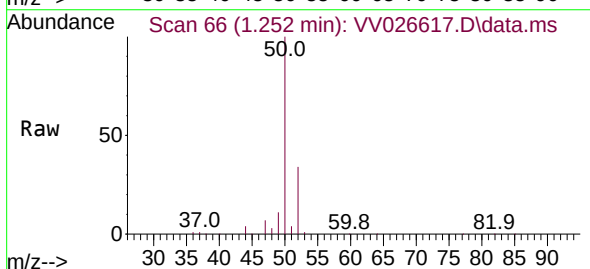
Instrument :
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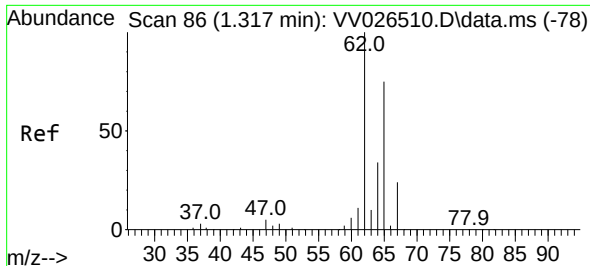
Tgt Ion: 85 Resp: 80277
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 4.848 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion: 50 Resp: 83093
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.0 42.6

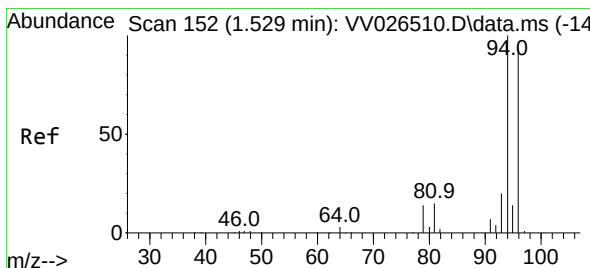
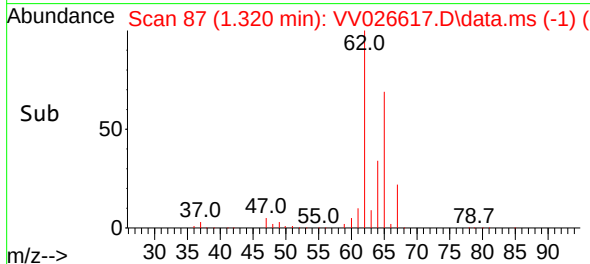
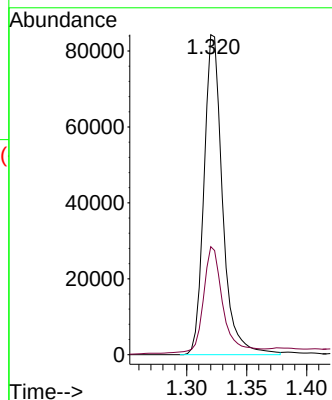
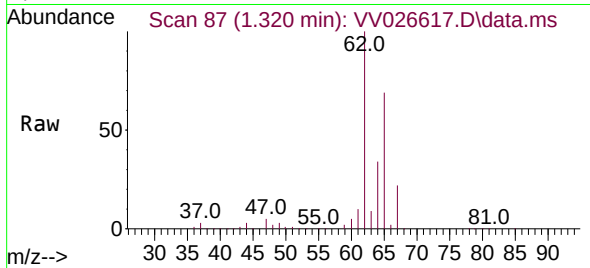




#5
 Vinyl chloride
 Concen: 4.979 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

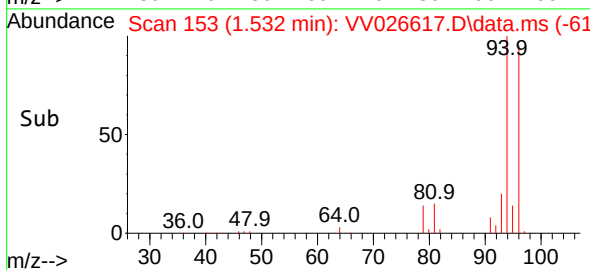
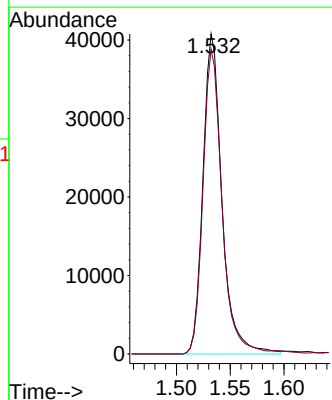
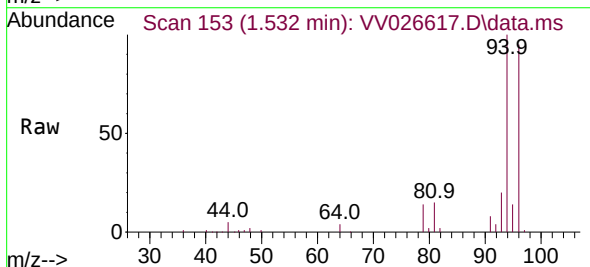
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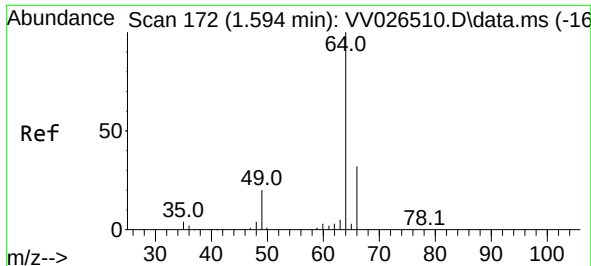
Tgt Ion: 62 Resp: 90868
 Ion Ratio Lower Upper
 62 100
 64 33.8 26.2 48.6



#6
 Bromomethane
 Concen: 5.062 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion: 94 Resp: 50006
 Ion Ratio Lower Upper
 94 100
 96 95.2 68.0 126.2

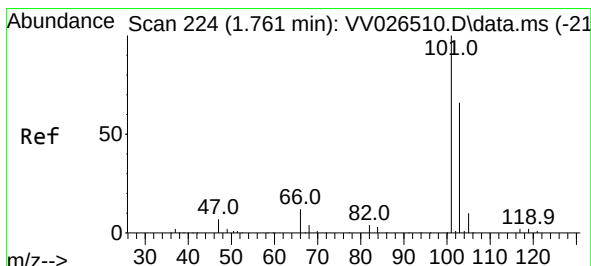
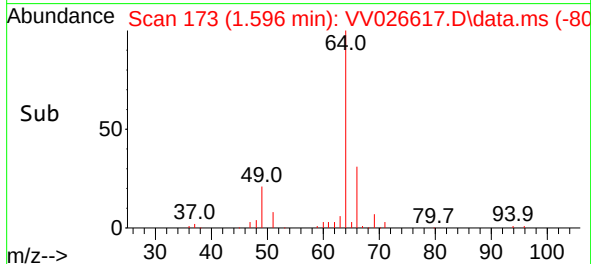
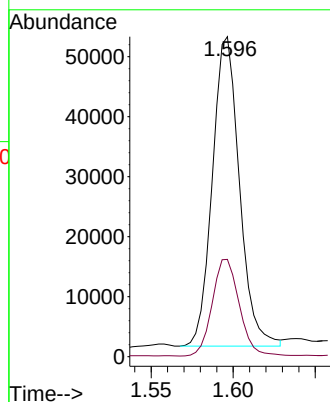
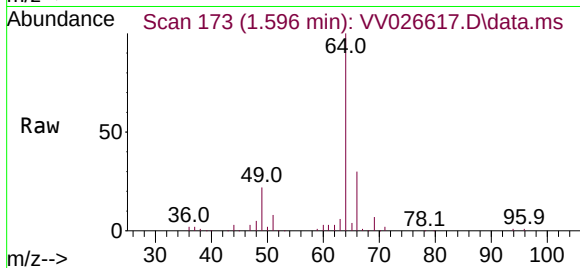




#8
Chloroethane
Concen: 4.768 ug/L
RT: 1.596 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

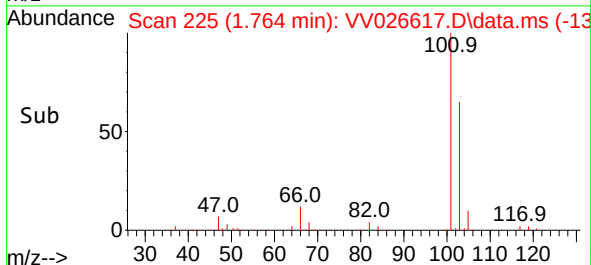
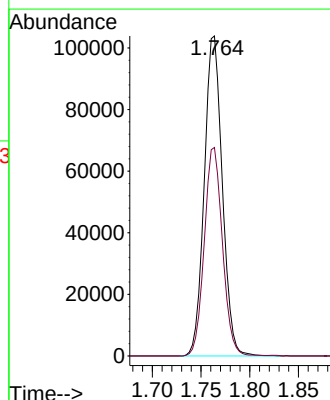
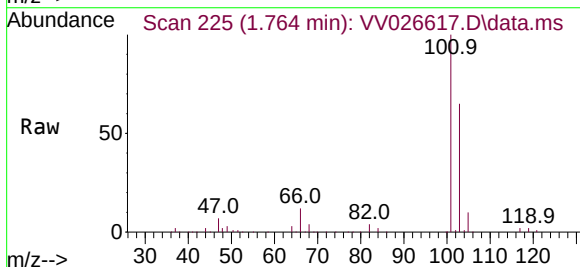
Instrument :
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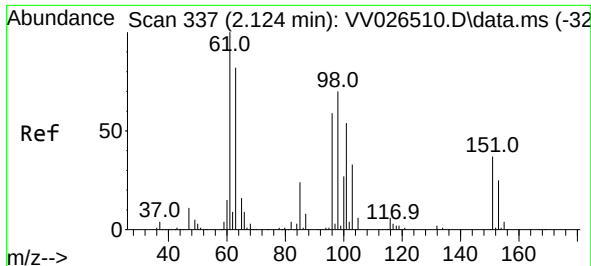
Tgt Ion: 64 Resp: 59180
Ion Ratio Lower Upper
64 100
66 30.4 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.248 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion:101 Resp: 133557
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

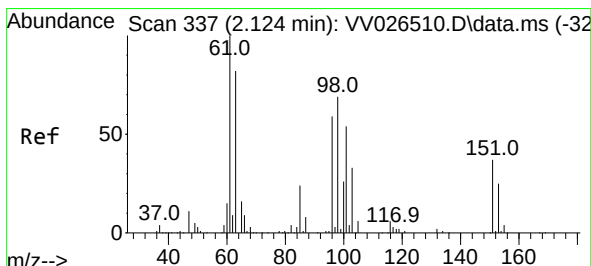
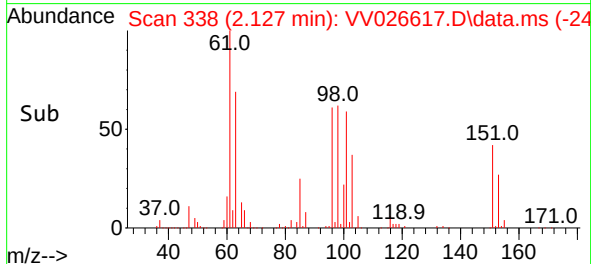
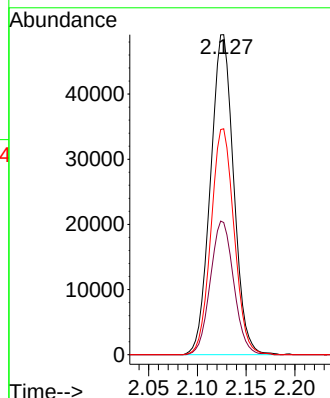
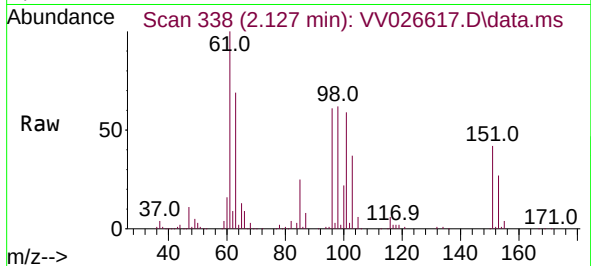




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.396 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

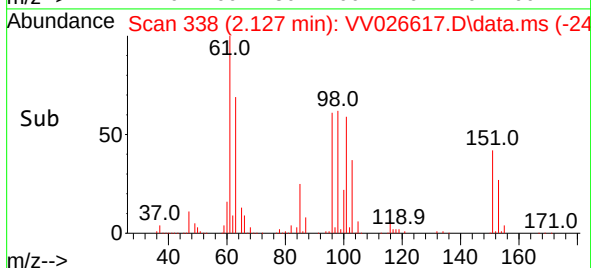
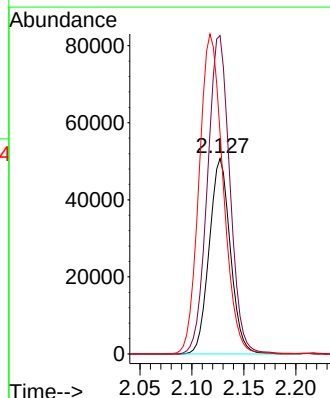
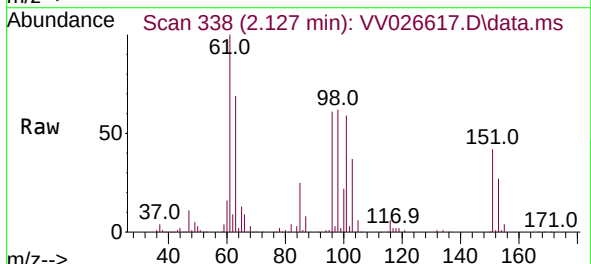
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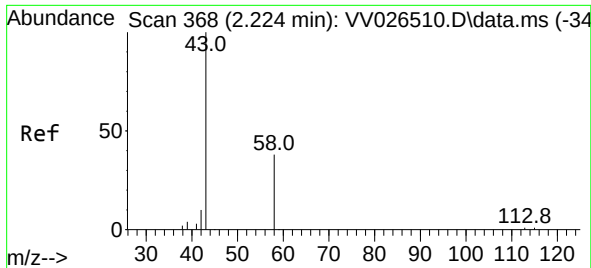
Tgt Ion:101 Resp: 81373
Ion Ratio Lower Upper
101 100
85 42.0 34.2 51.4
151 70.5 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.137 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 96 Resp: 71407
Ion Ratio Lower Upper
96 100
61 162.8 115.4 214.4
63 112.9 87.4 162.2

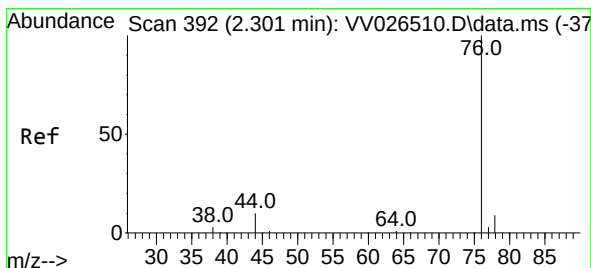
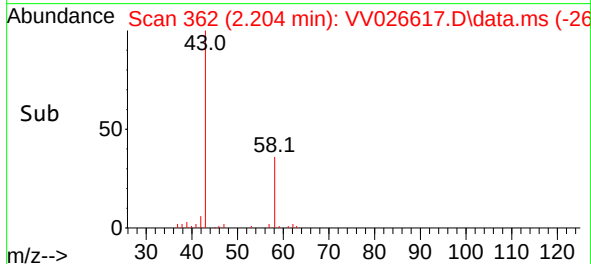
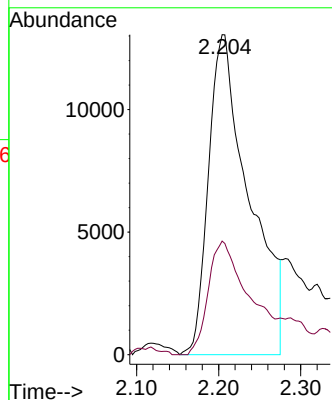
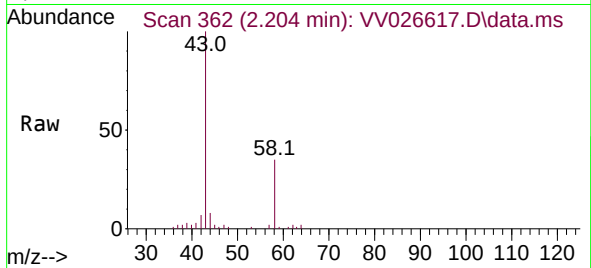




#13
Acetone
Concen: 43.120 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.010 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

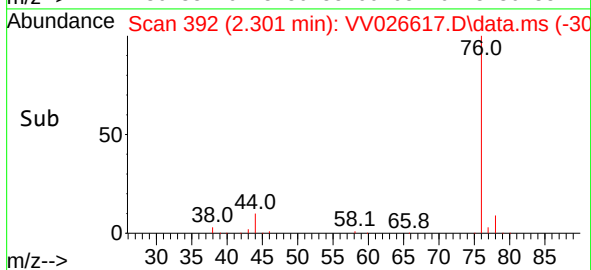
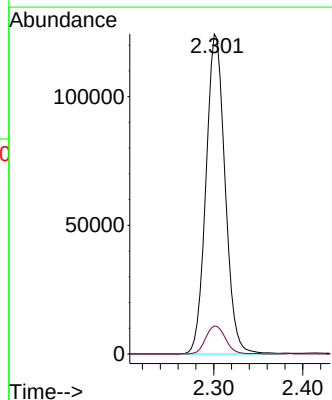
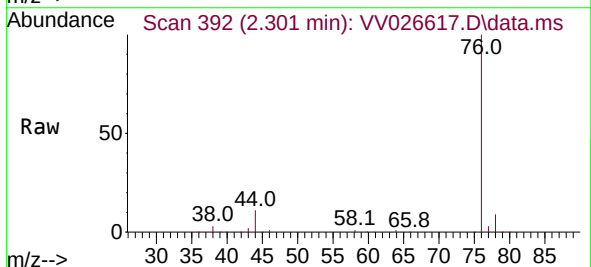
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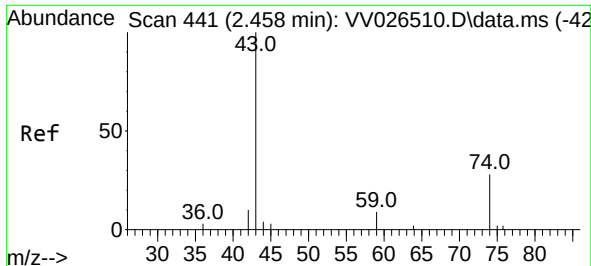
Tgt Ion: 43 Resp: 45015
Ion Ratio Lower Upper
43 100
58 36.1 0.0 75.0



#14
Carbon disulfide
Concen: 5.047 ug/L
RT: 2.301 min Scan# 392
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 76 Resp: 185096
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6

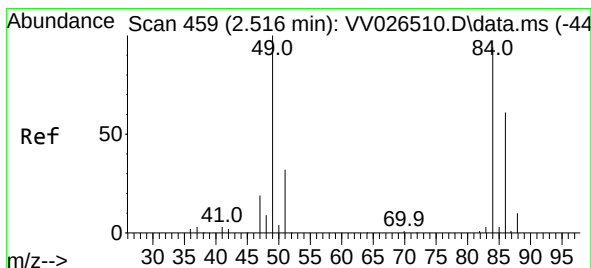
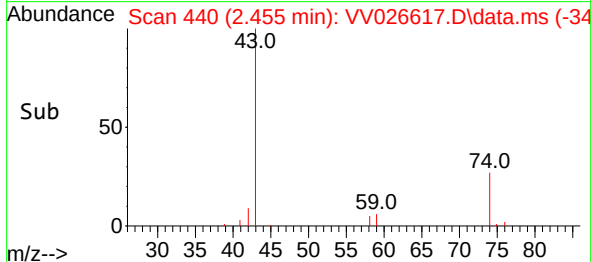
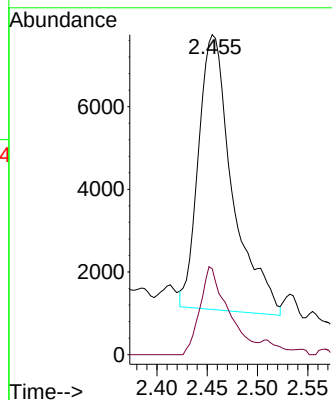
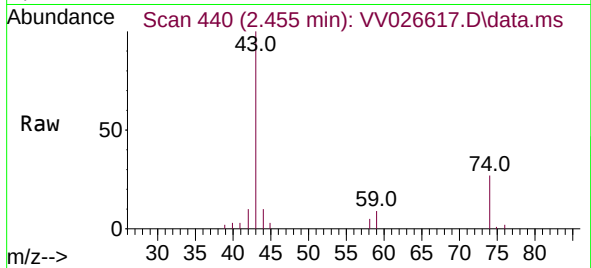




#15
Methyl Acetate
Concen: 5.197 ug/L
RT: 2.455 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

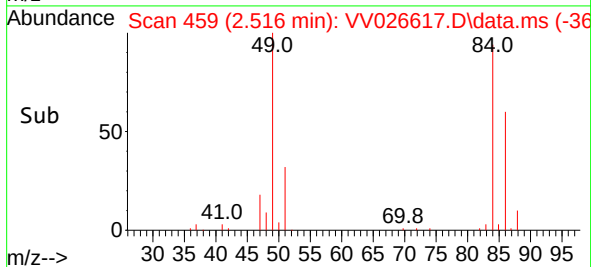
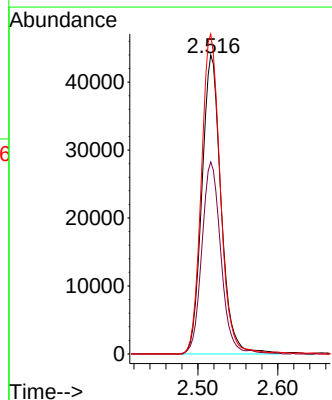
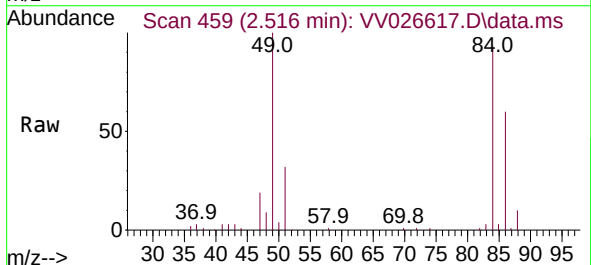
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

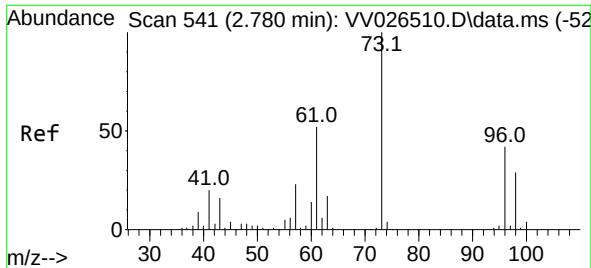
Tgt Ion: 43 Resp: 15644
Ion Ratio Lower Upper
43 100
74 26.8 22.1 33.1



#16
Methylene chloride
Concen: 4.974 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 84 Resp: 73395
Ion Ratio Lower Upper
84 100
86 64.3 46.0 85.4
49 107.1 77.7 144.3

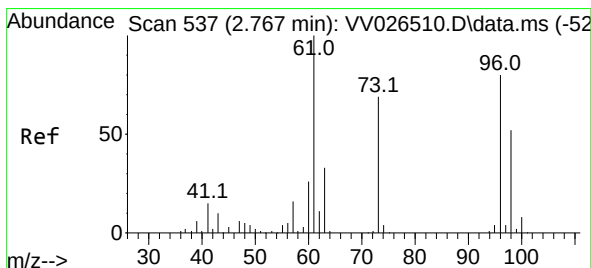
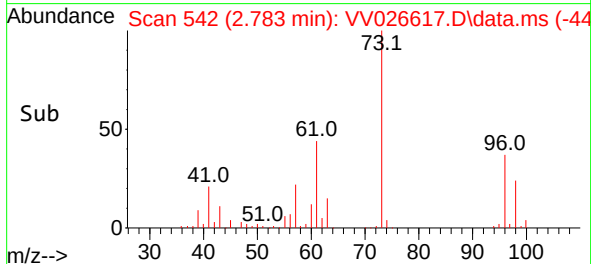
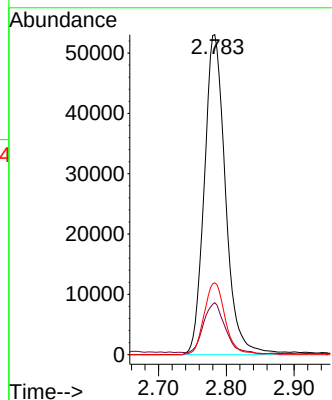
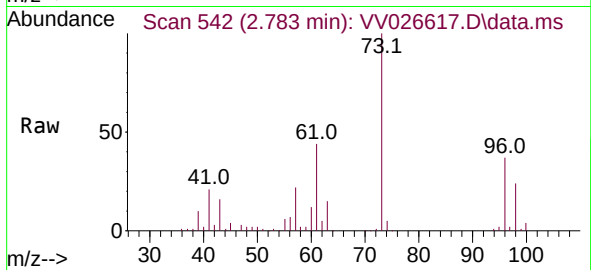




#17
Methyl tert-butyl Ether
Concen: 5.084 ug/L
RT: 2.783 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

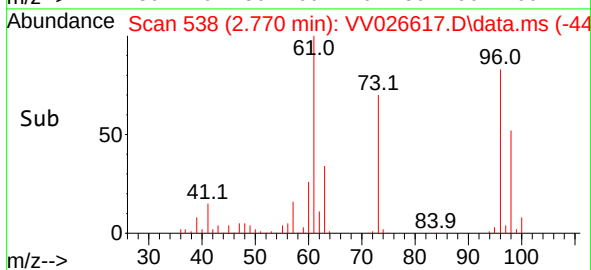
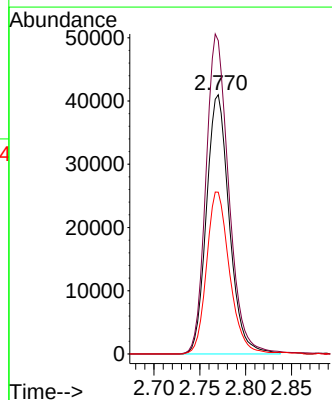
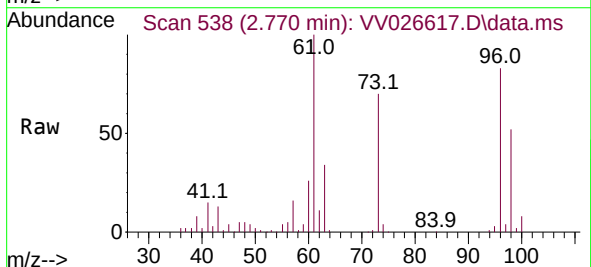
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

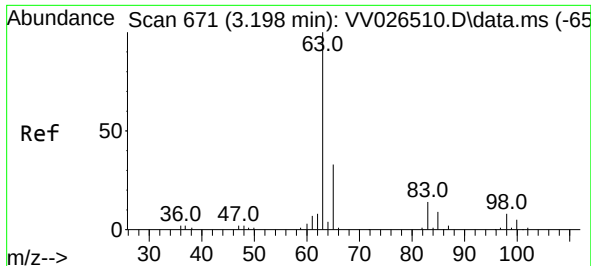
Tgt Ion: 73 Resp: 115191
Ion Ratio Lower Upper
73 100
43 16.5 13.3 19.9
57 22.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.009 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 96 Resp: 71032
Ion Ratio Lower Upper
96 100
61 120.9 90.4 167.8
98 62.4 45.6 84.8

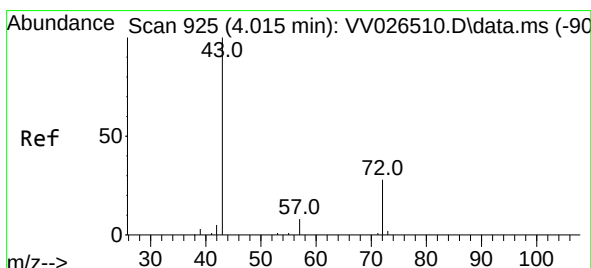
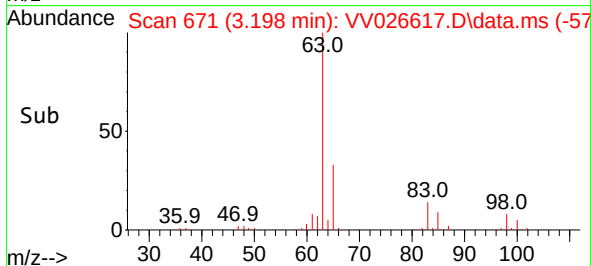
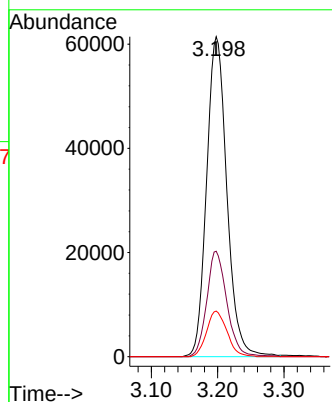
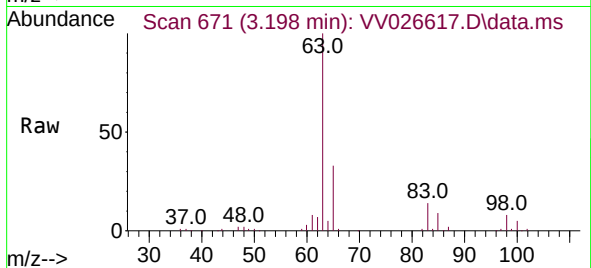




#19
1,1-Dichloroethane
Concen: 5.132 ug/L
RT: 3.198 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

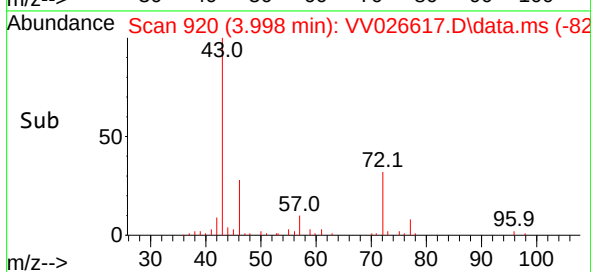
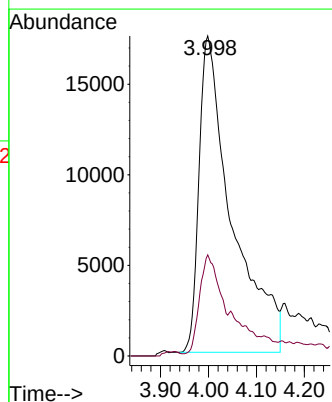
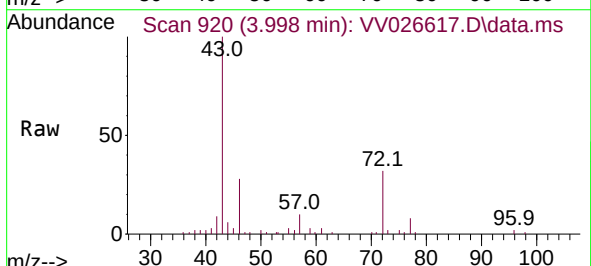
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

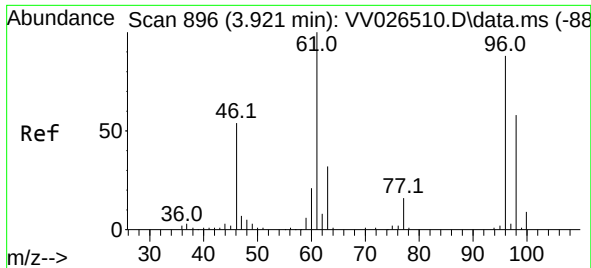
Tgt Ion: 63 Resp: 130685
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.6
83 14.3 10.2 19.0



#21
2-Butanone
Concen: 52.821 ug/L
RT: 3.998 min Scan# 920
Delta R.T. 0.013 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 43 Resp: 82954
Ion Ratio Lower Upper
43 100
72 19.5 13.5 40.5

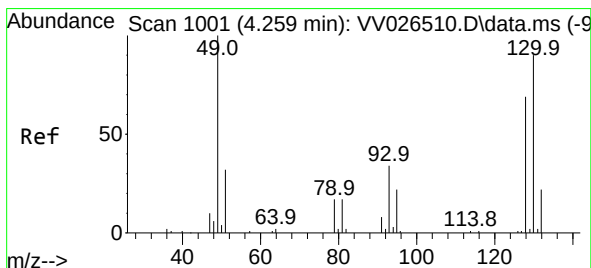
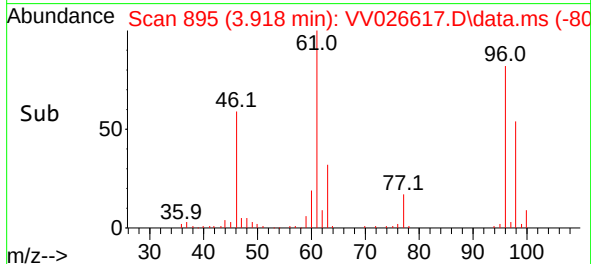
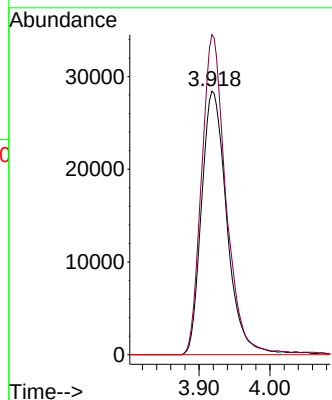
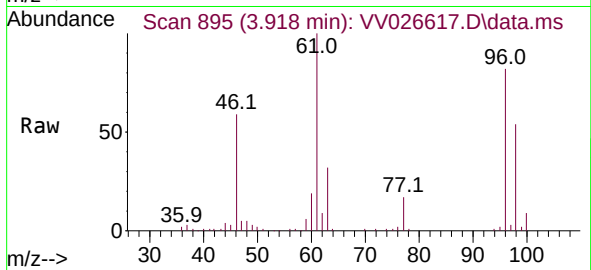




#22
cis-1,2-Dichloroethene
Concen: 4.991 ug/L
RT: 3.918 min Scan# 896
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

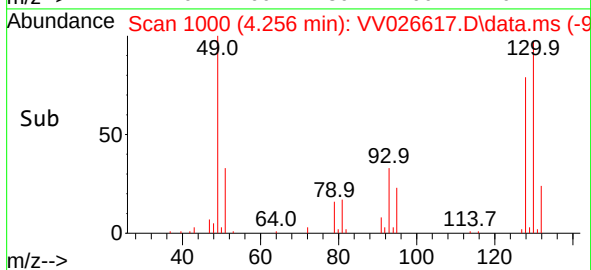
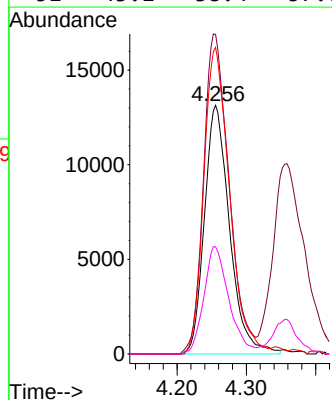
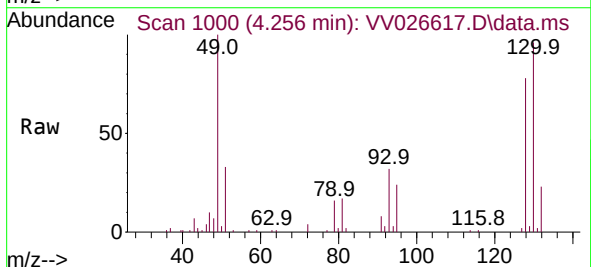
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

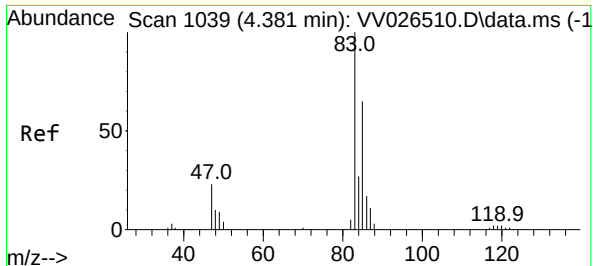
Tgt Ion: 96 Resp: 70289
Ion Ratio Lower Upper
96 100
61 121.4 82.0 152.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.705 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 128 Resp: 33090
Ion Ratio Lower Upper
128 100
49 128.6 104.0 193.1
130 123.3 93.4 173.6
51 43.1 38.4 57.6





#25

Chloroform

Concen: 5.243 ug/L

RT: 4.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

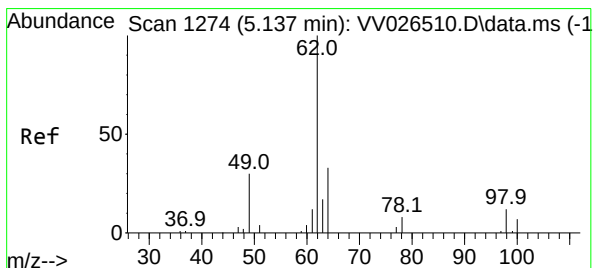
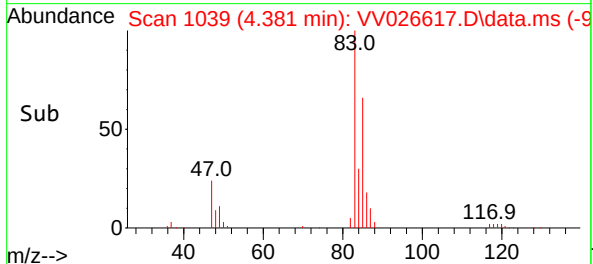
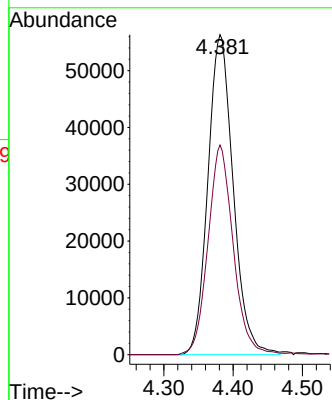
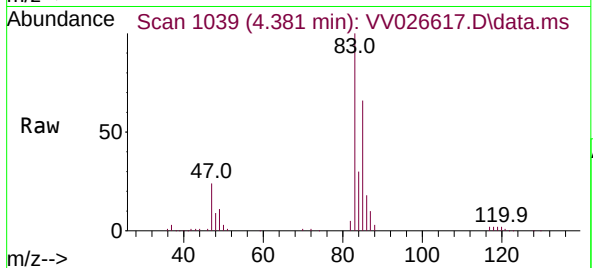
VSTD005339

Tgt Ion: 83 Resp: 142830

Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.204 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV026617.D

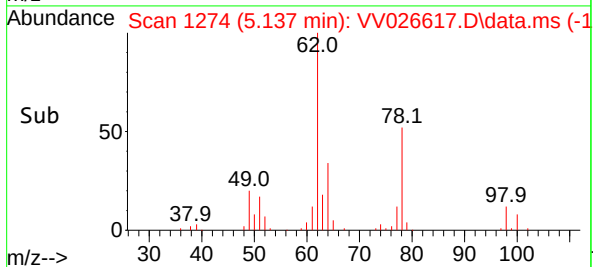
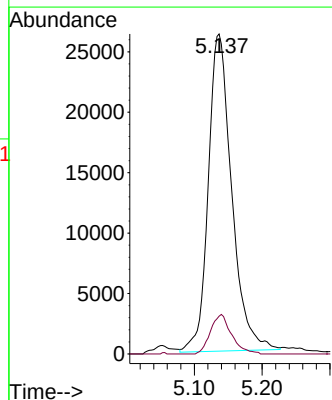
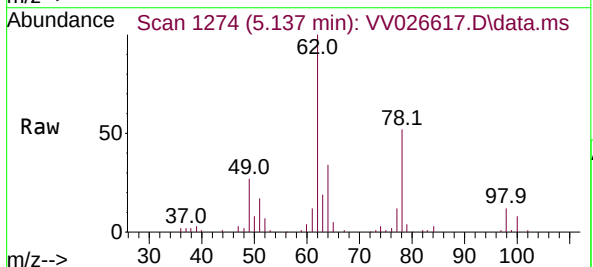
Acq: 01 Jul 2022 09:31

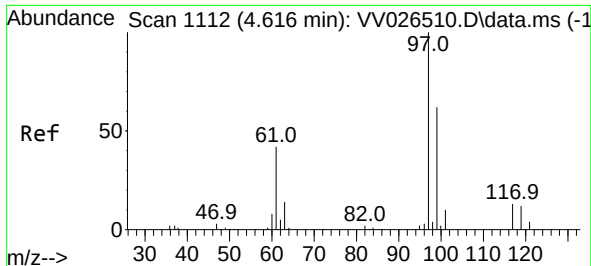
Tgt Ion: 62 Resp: 63104

Ion Ratio Lower Upper

62 100

98 11.8 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.135 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.003 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

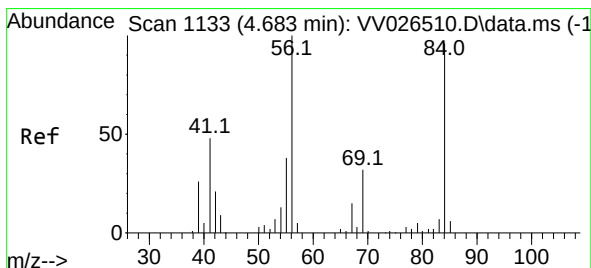
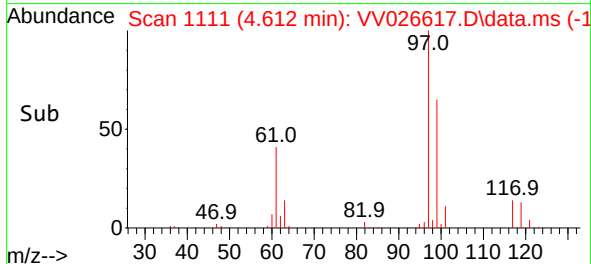
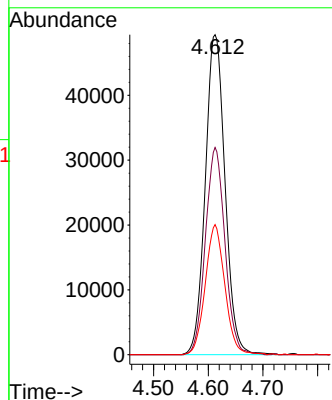
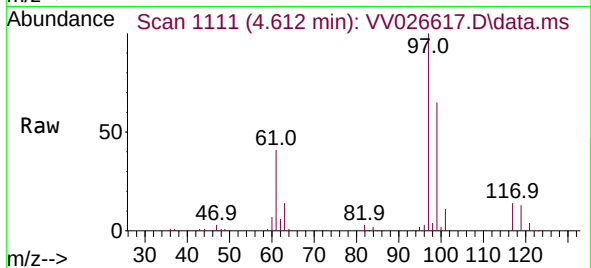
Tgt Ion: 97 Resp: 124044

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 40.3 33.0 49.4



#30

Cyclohexane

Concen: 4.398 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

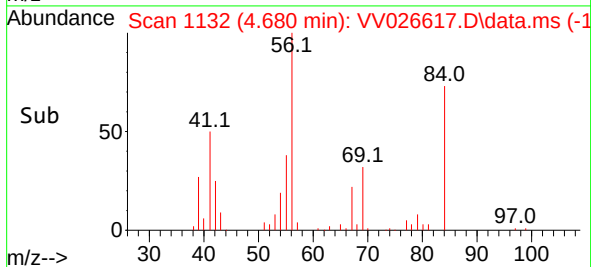
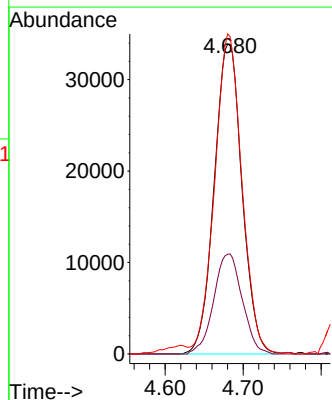
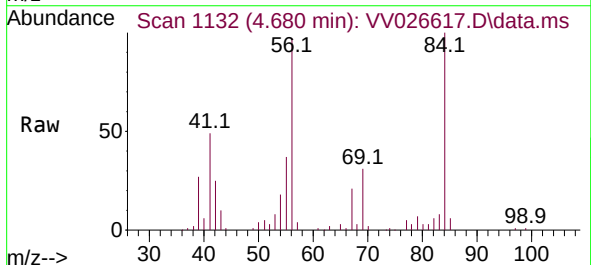
Tgt Ion: 56 Resp: 84125

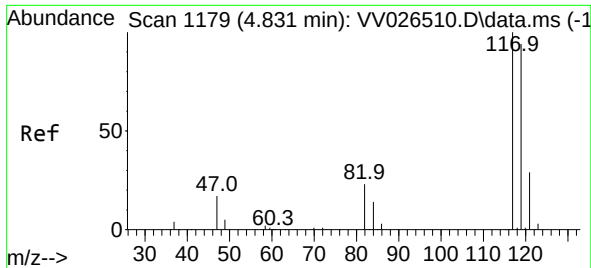
Ion Ratio Lower Upper

56 100

69 33.0 25.4 38.2

84 100.4 77.8 116.6

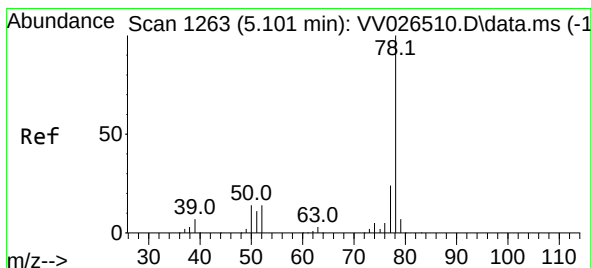
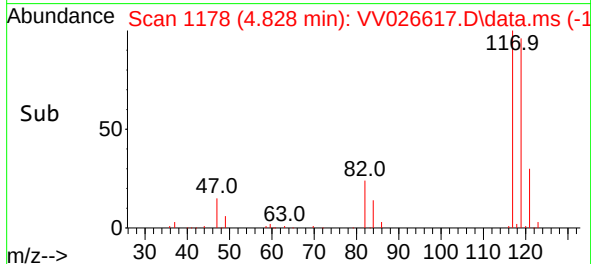
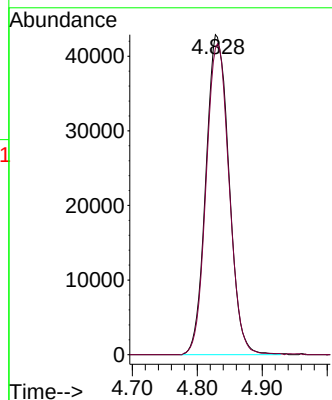
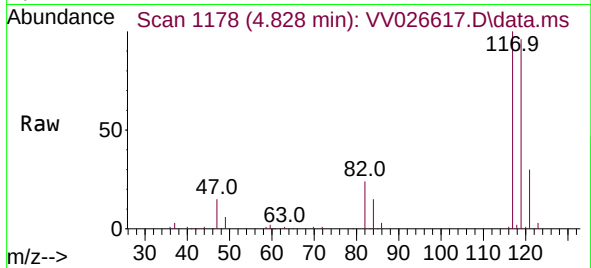




#31
Carbon tetrachloride
Concen: 5.239 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

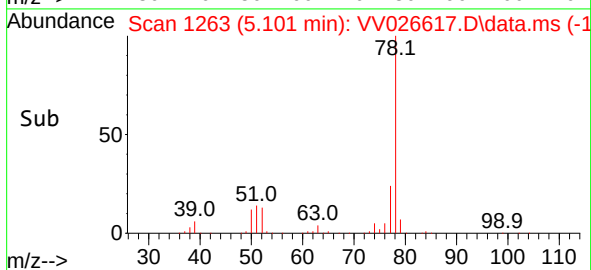
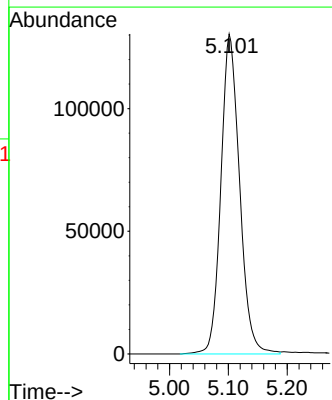
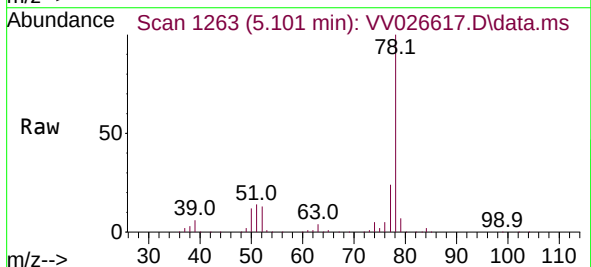
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

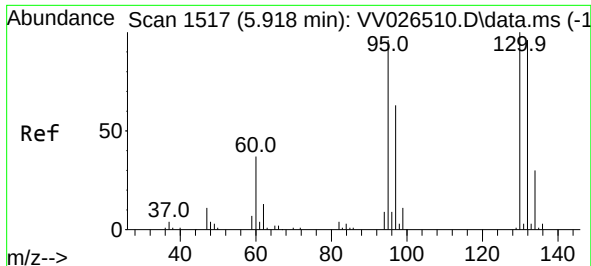
Tgt Ion:117 Resp: 106174
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3



#33
Benzene
Concen: 5.028 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 78 Resp: 288225

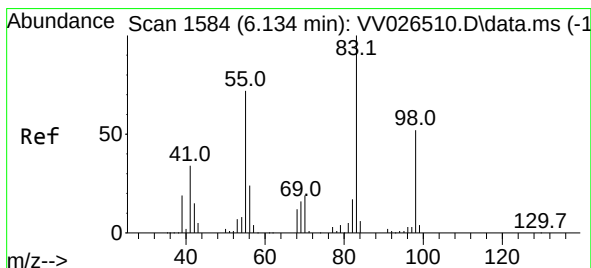
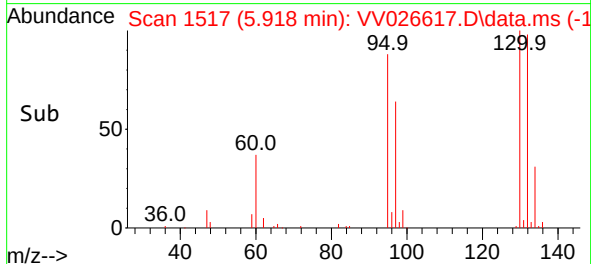
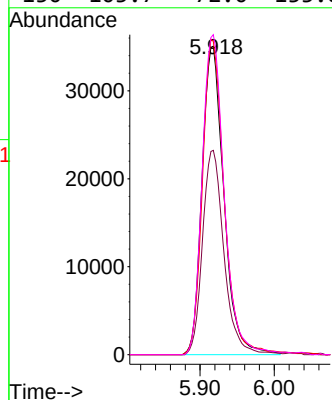
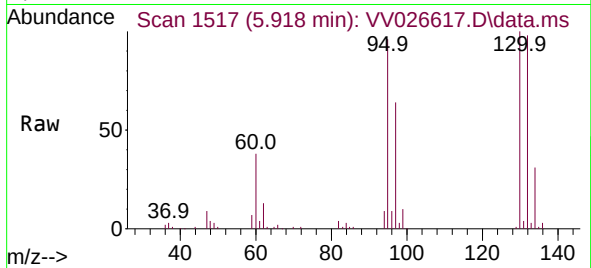




#34
Trichloroethene
Concen: 4.758 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

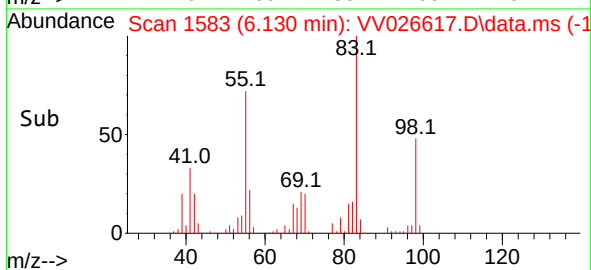
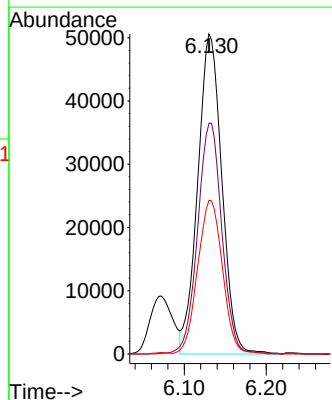
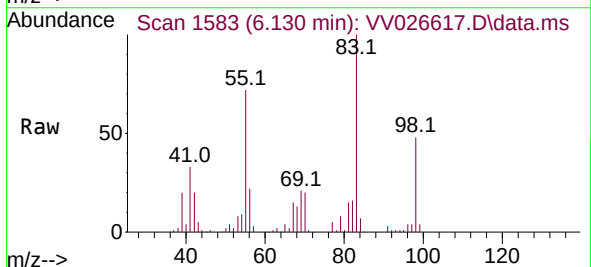
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

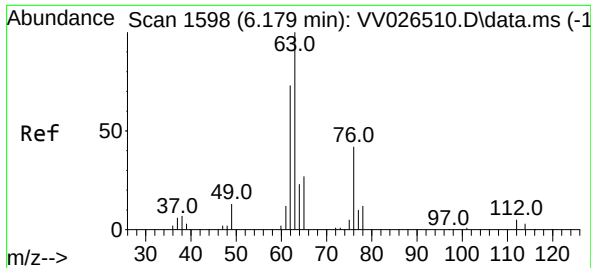
Tgt Ion: 95 Resp: 71707
Ion Ratio Lower Upper
95 100
97 66.2 46.8 87.0
132 101.6 69.9 129.7
130 103.7 72.0 133.8



#35
Methylcyclohexane
Concen: 4.634 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 83 Resp: 103318
Ion Ratio Lower Upper
83 100
55 72.7 57.0 85.4
98 49.5 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.002 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

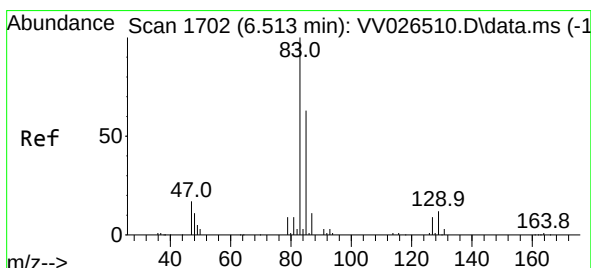
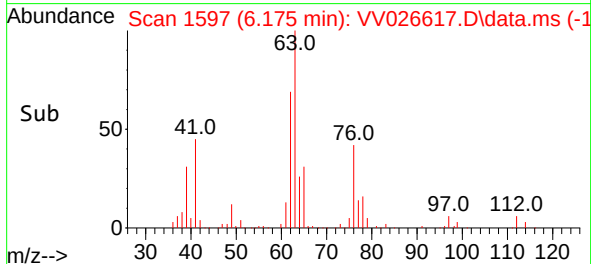
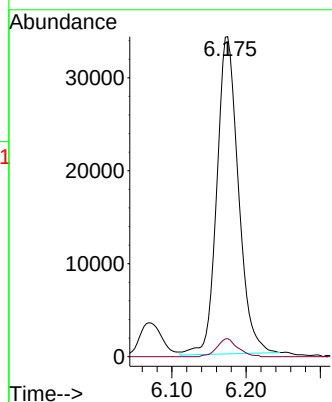
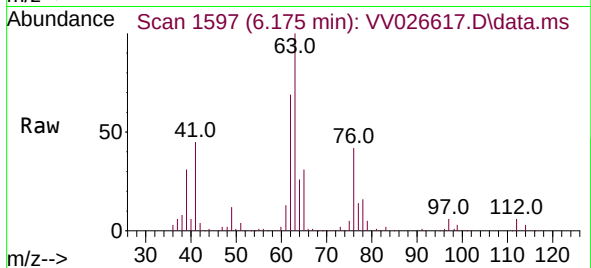
VSTD005339

Tgt Ion: 63 Resp: 69108

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.4



#38

Bromodichloromethane

Concen: 5.446 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

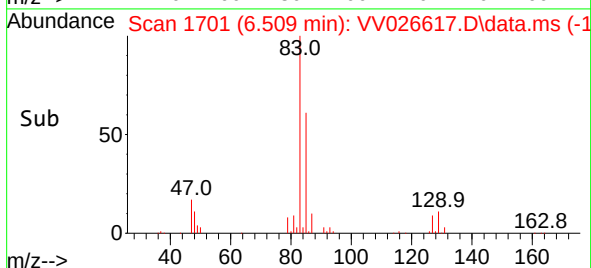
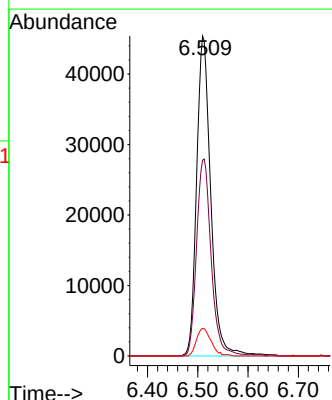
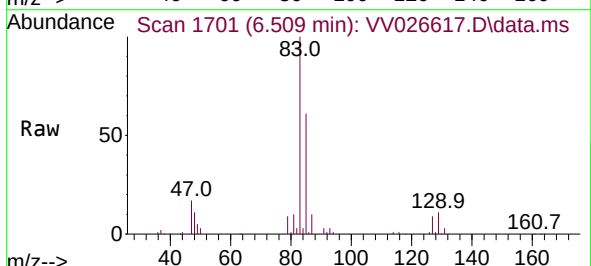
Tgt Ion: 83 Resp: 88818

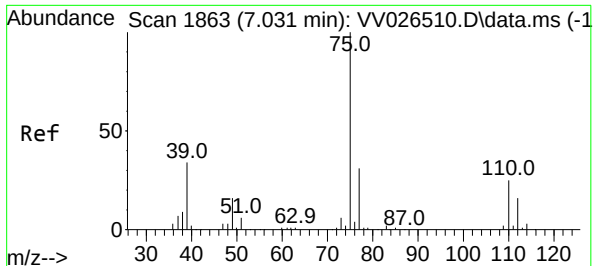
Ion Ratio Lower Upper

83 100

85 61.2 44.0 81.8

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.518 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

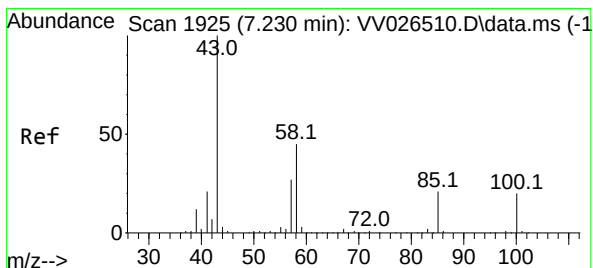
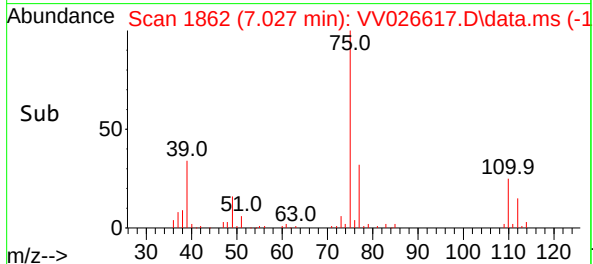
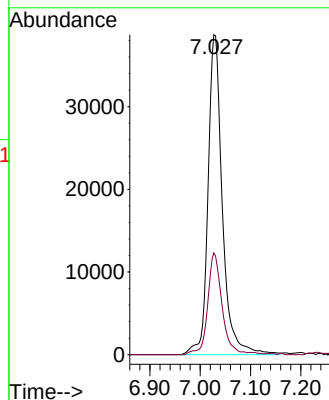
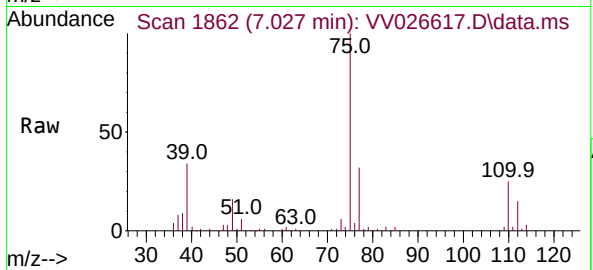
VSTD005339

Tgt Ion: 75 Resp: 76622

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.117 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

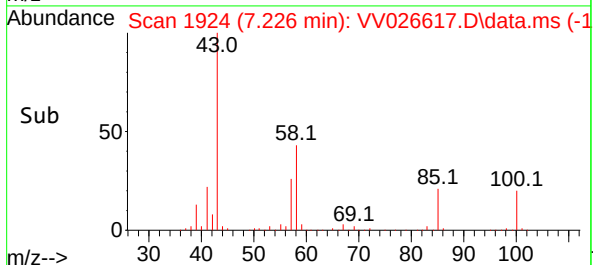
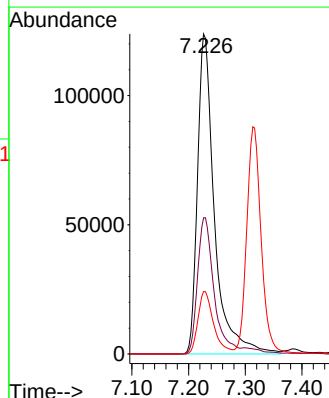
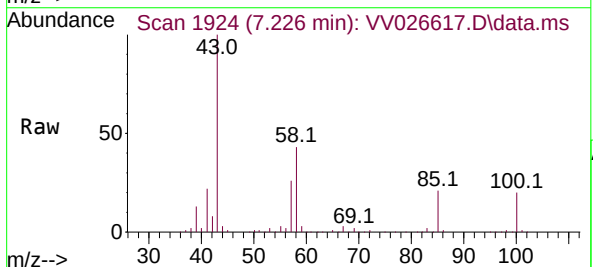
Tgt Ion: 43 Resp: 257223

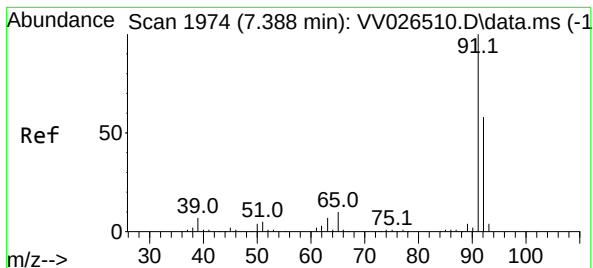
Ion Ratio Lower Upper

43 100

58 41.3 33.3 49.9

100 18.0 14.3 21.5





#42

Toluene

Concen: 5.299 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

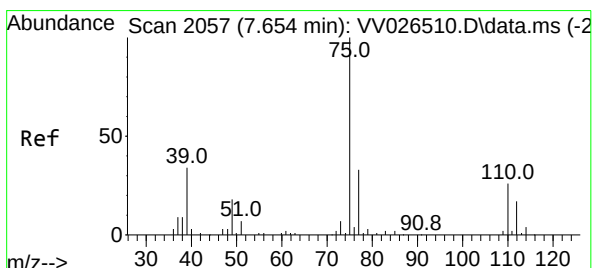
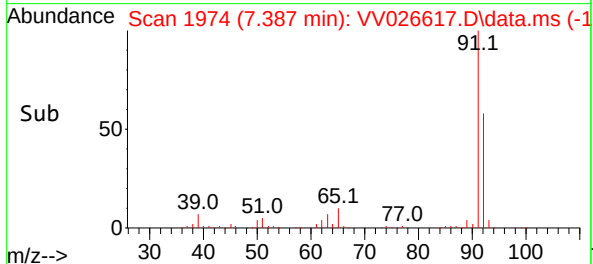
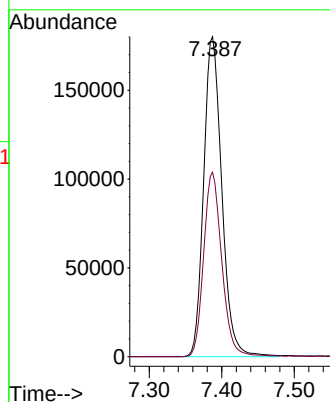
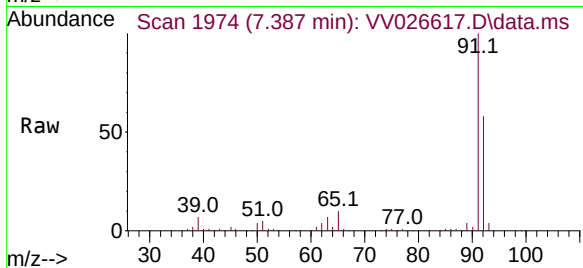
VSTD005339

Tgt Ion: 91 Resp: 313560

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 6.065 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV026617.D

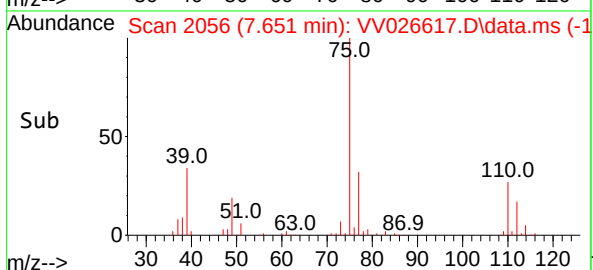
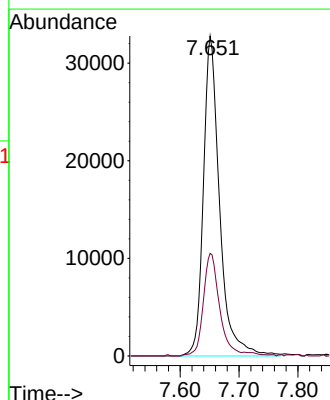
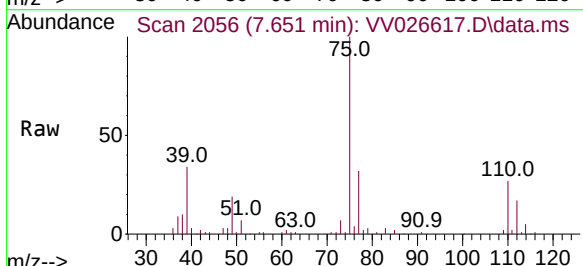
Acq: 01 Jul 2022 09:31

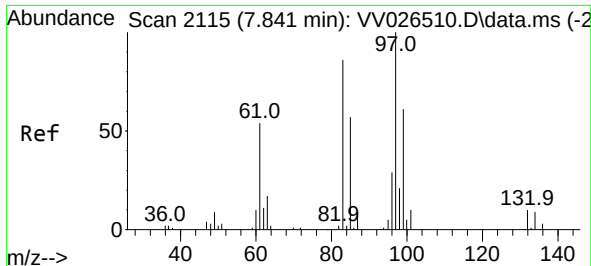
Tgt Ion: 75 Resp: 62648

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9

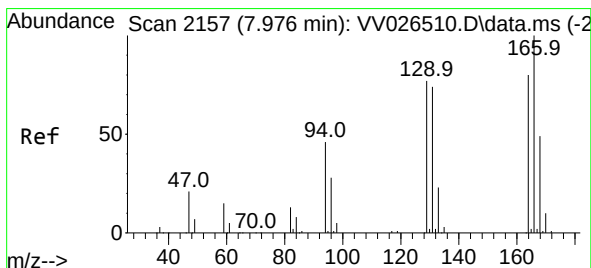
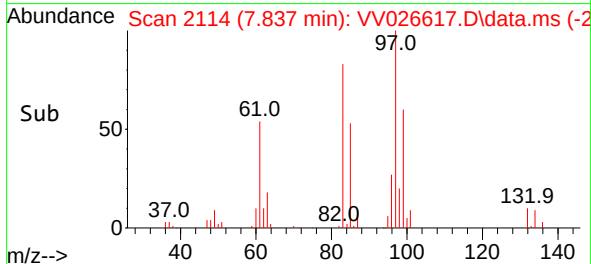
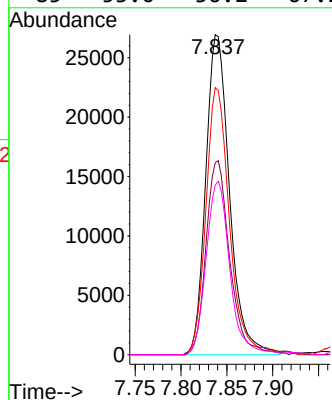
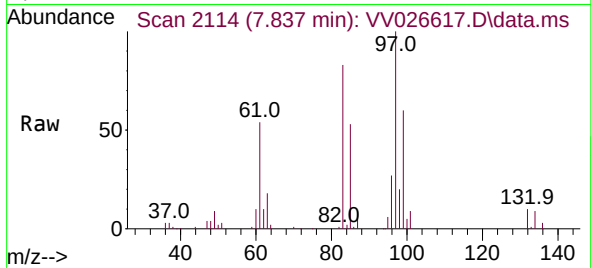




#45
 1,1,2-Trichloroethane
 Concen: 5.591 ug/L
 RT: 7.837 min Scan# 2114
 Delta R.T. -0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

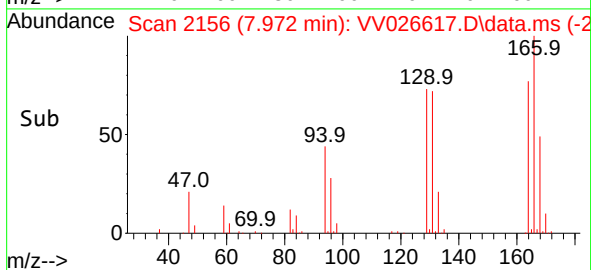
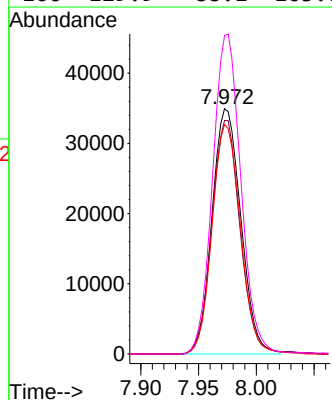
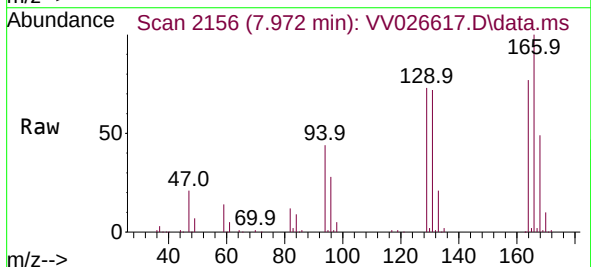
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

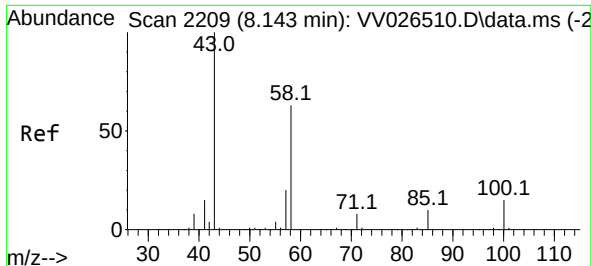
Tgt Ion: 97	Resp: 48711
Ion Ratio	Lower Upper
97 100	
99 60.0	43.4 80.6
83 83.5	58.0 107.8
85 53.0	36.2 67.2



#47
 Tetrachloroethene
 Concen: 5.056 ug/L
 RT: 7.972 min Scan# 2156
 Delta R.T. -0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion: 164	Resp: 60661
Ion Ratio	Lower Upper
164 100	
129 95.2	66.4 123.2
131 93.6	64.4 119.6
166 129.9	88.1 163.7

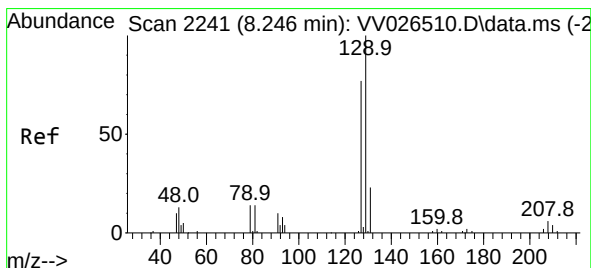
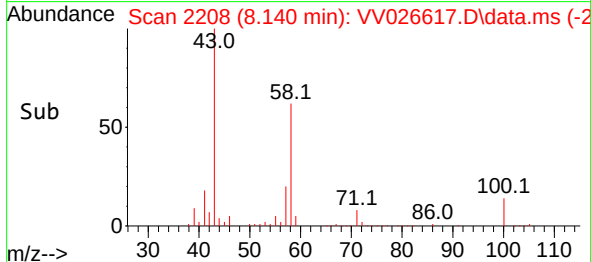
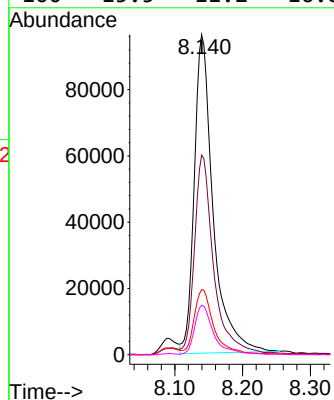
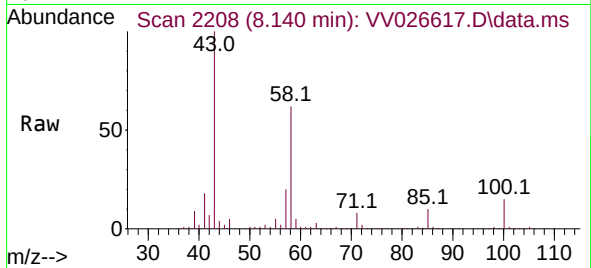




#48
2-Hexanone
Concen: 57.342 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

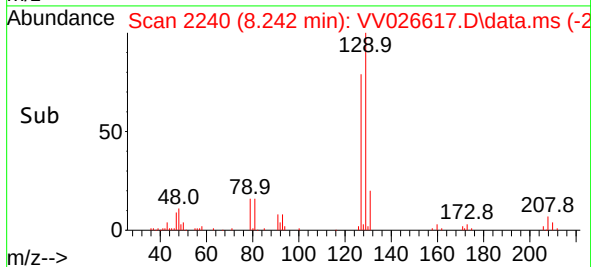
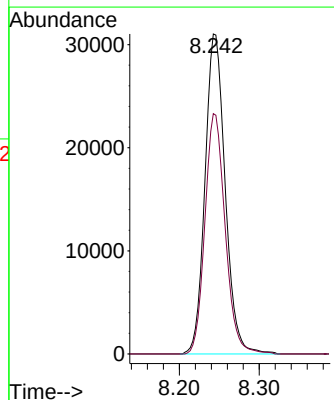
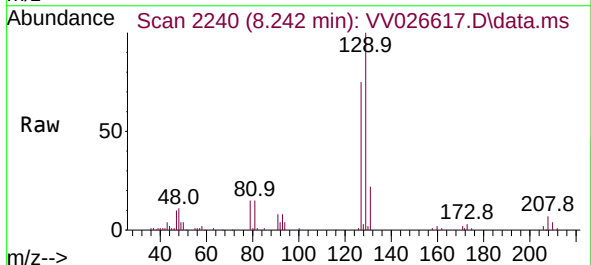
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

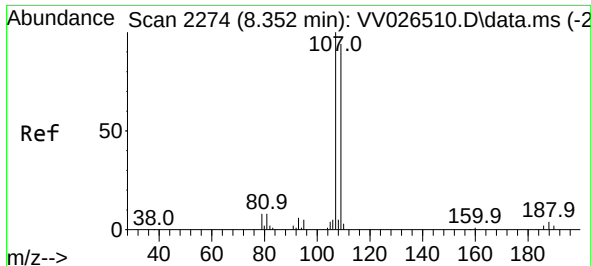
Tgt Ion: 43 Resp: 186283
Ion Ratio Lower Upper
43 100
58 62.0 47.8 71.6
57 20.7 15.0 22.6
100 15.5 11.2 16.8



#49
Dibromochloromethane
Concen: 6.176 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion:129 Resp: 54487
Ion Ratio Lower Upper
129 100
127 75.1 54.2 100.6





#50

1,2-Dibromoethane

Concen: 5.483 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

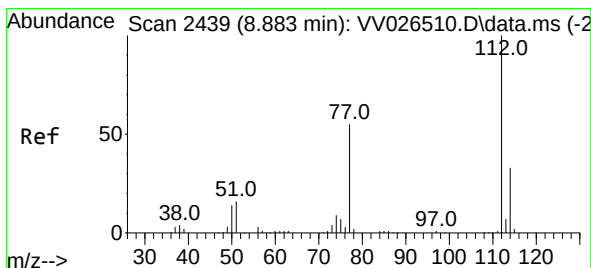
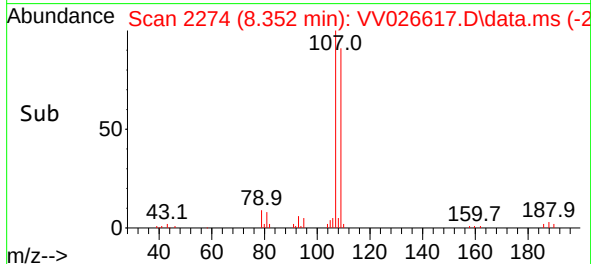
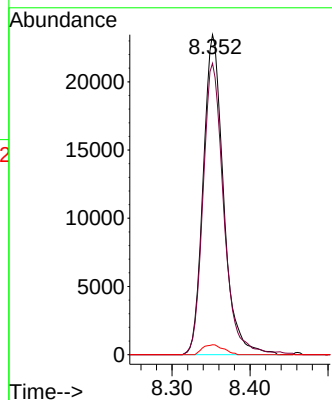
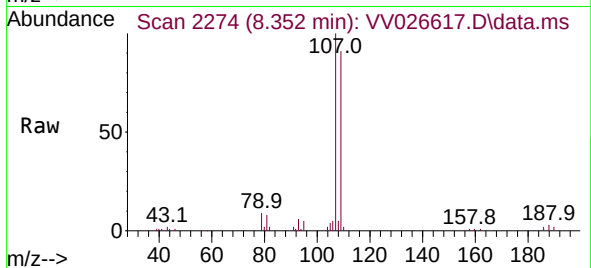
Tgt Ion:107 Resp: 42476

Ion Ratio Lower Upper

107 100

109 91.0 67.8 125.8

188 3.1 3.2 4.8#



#51

Chlorobenzene

Concen: 5.038 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

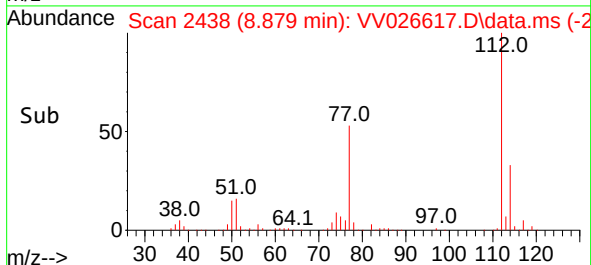
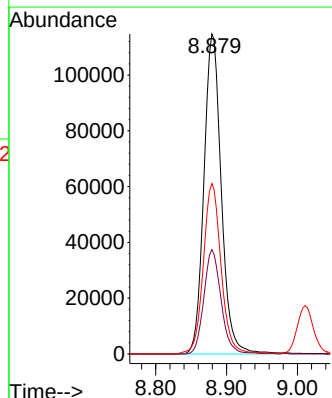
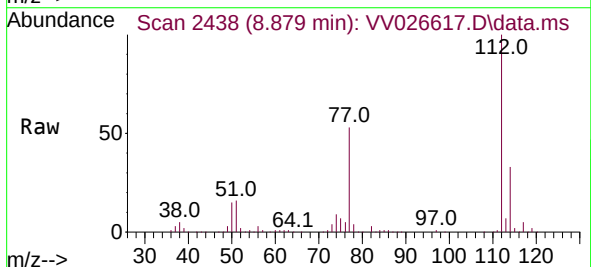
Tgt Ion:112 Resp: 195293

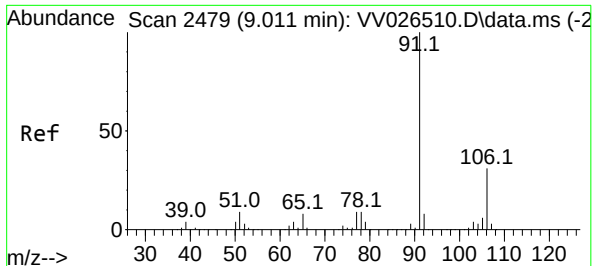
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.5

77 53.3 44.4 66.6





#52

Ethylbenzene

Concen: 4.799 ug/L

RT: 9.011 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV026617.D

Acq: 01 Jul 2022 09:31

Instrument :

MSVOA_V

ClientSampleId :

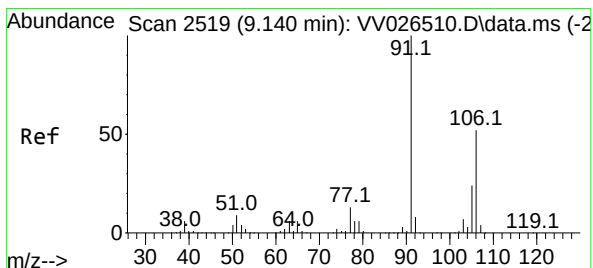
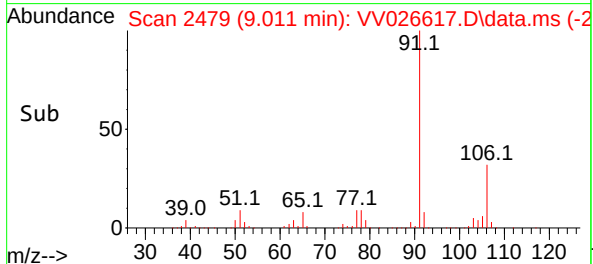
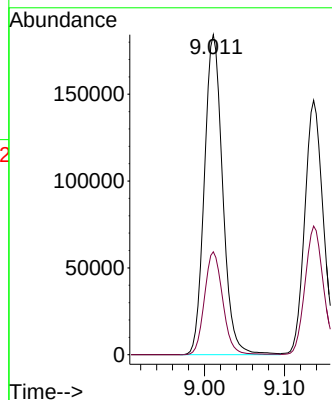
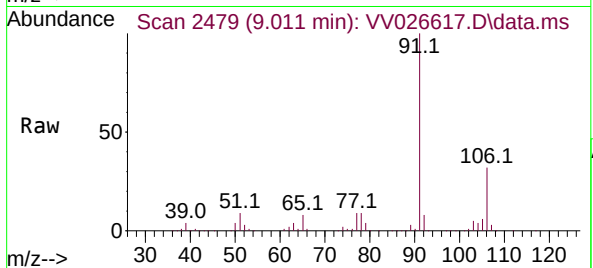
VSTD005339

Tgt Ion: 91 Resp: 293689

Ion Ratio Lower Upper

91 100

106 32.2 22.1 41.1



#53

m,p-Xylene

Concen: 5.020 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV026617.D

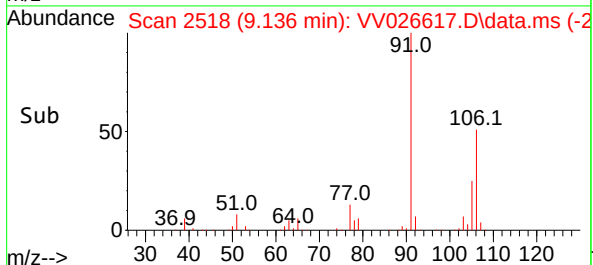
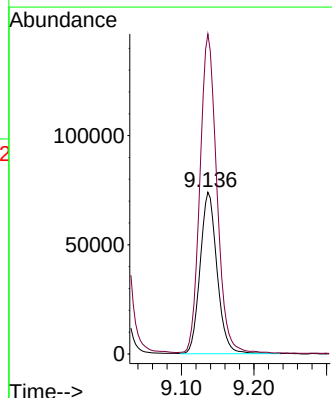
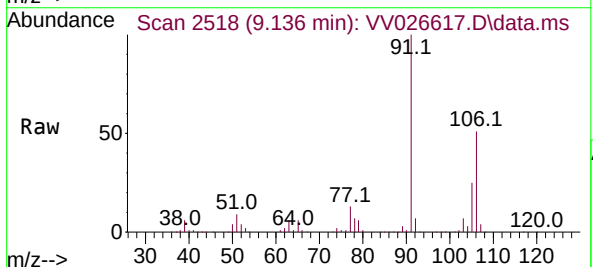
Acq: 01 Jul 2022 09:31

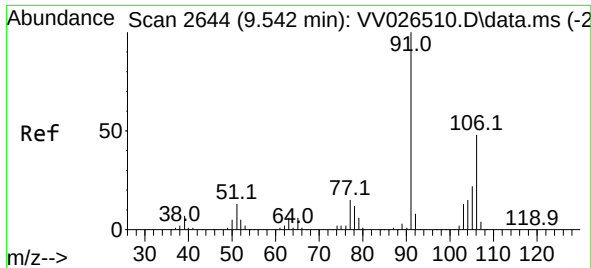
Tgt Ion:106 Resp: 119859

Ion Ratio Lower Upper

106 100

91 197.9 139.9 259.9

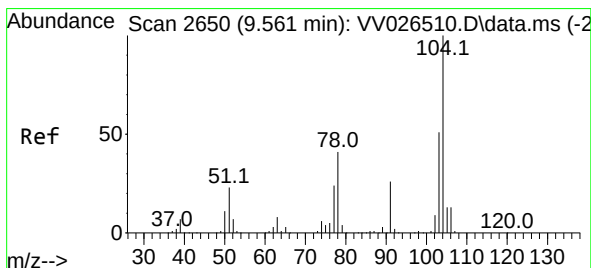
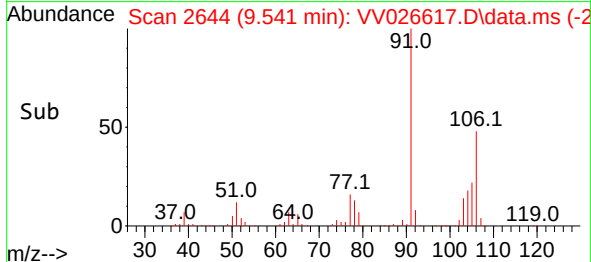
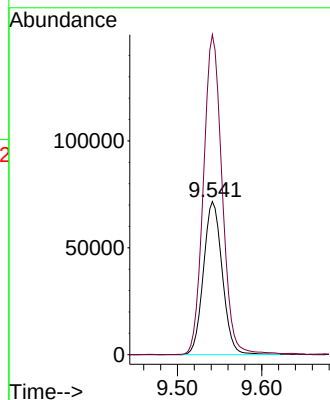
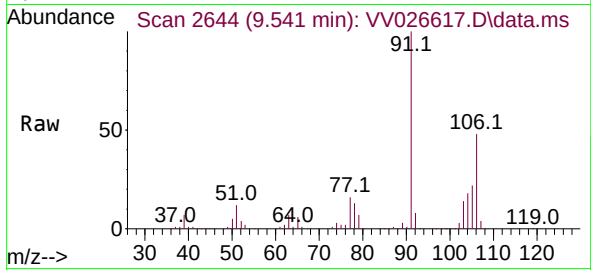




#54
o-Xylene
Concen: 4.977 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

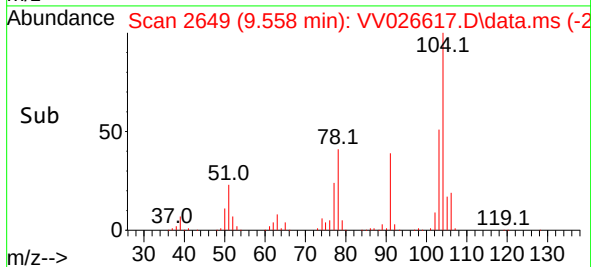
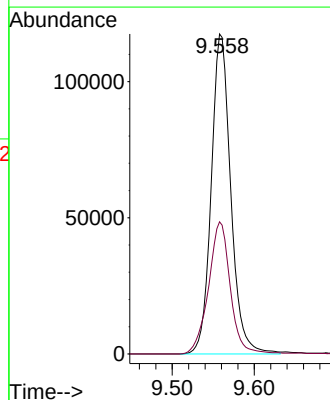
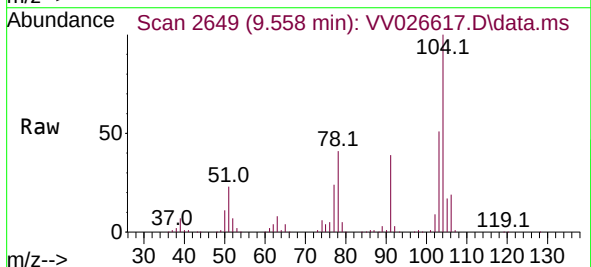
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

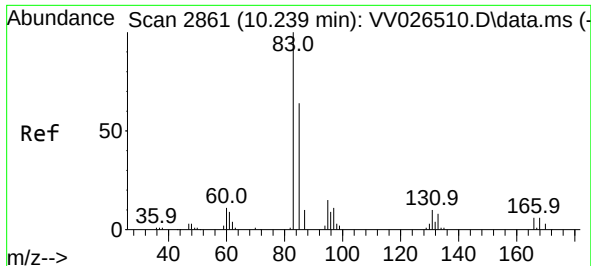
Tgt Ion:106 Resp: 111547
Ion Ratio Lower Upper
106 100
91 209.0 147.5 273.9



#55
Styrene
Concen: 5.235 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion:104 Resp: 194315
Ion Ratio Lower Upper
104 100
78 41.3 28.4 52.8

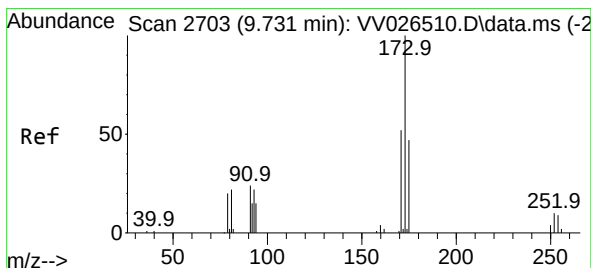
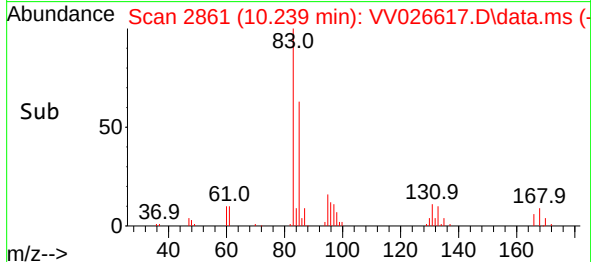
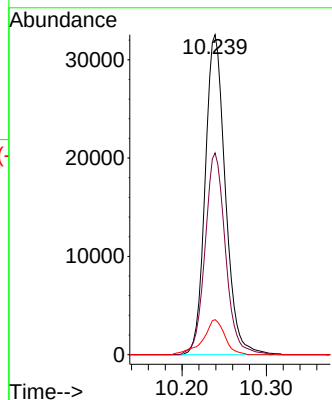
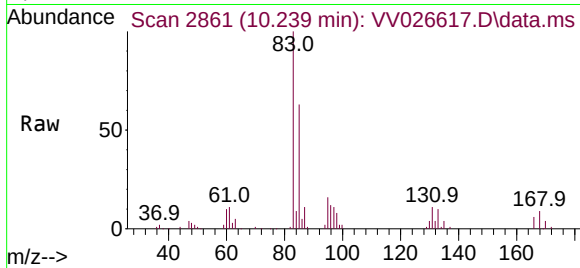




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.571 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

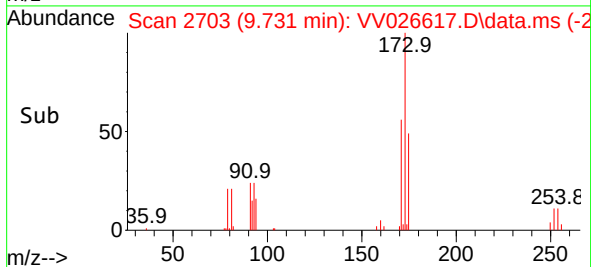
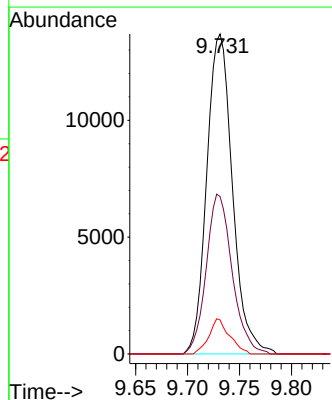
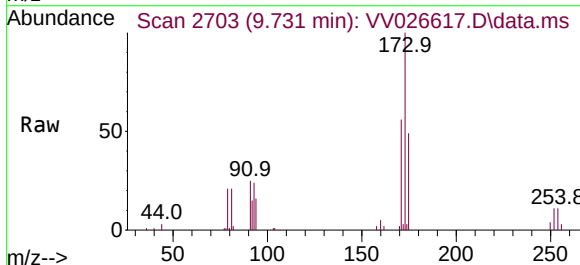
Instrument : MSVOA_V
 ClientSampleId : VSTD005339

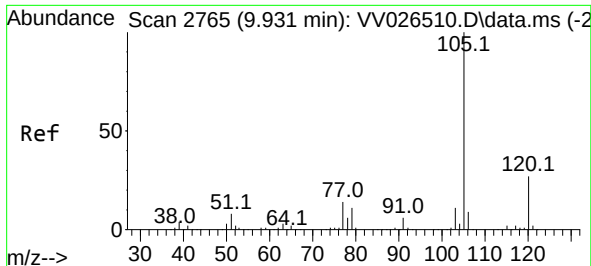
Tgt Ion:	83	Resp:	54199
Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.3	82.3
131	10.9	8.0	12.0



#59
 Bromoform
 Concen: 6.394 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion:	173	Resp:	23539
Ion	Ratio	Lower	Upper
173	100		
175	50.4	37.9	56.9
254	8.8	6.3	9.5

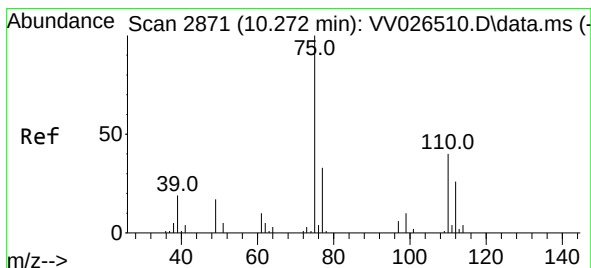
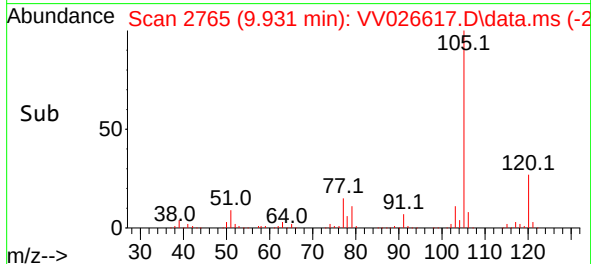
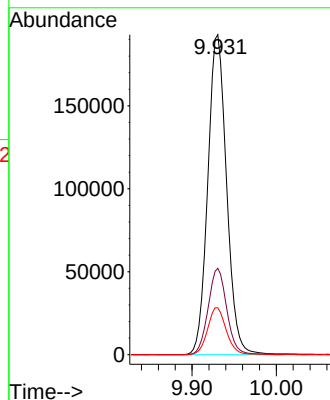
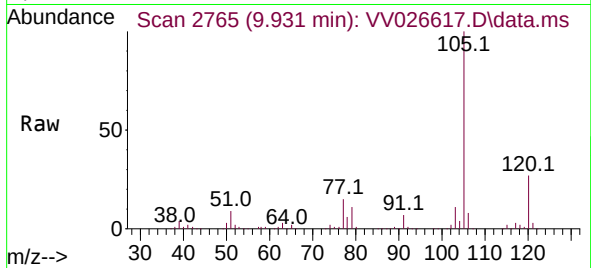




#60
Isopropylbenzene
Concen: 4.856 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

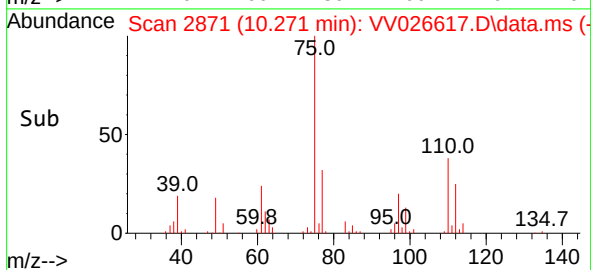
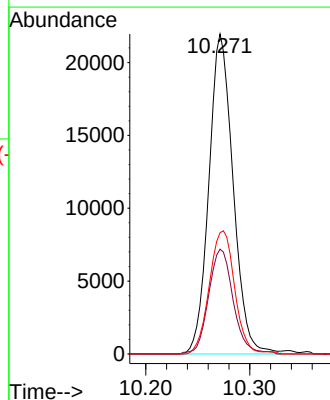
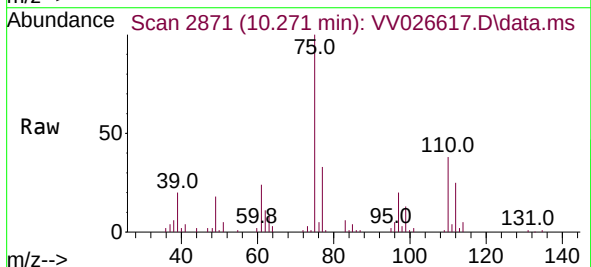
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

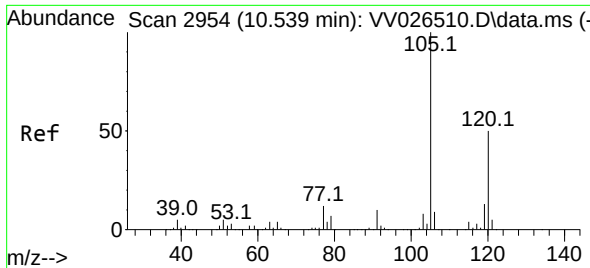
Tgt Ion:105 Resp: 299192
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.487 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion: 75 Resp: 35493
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.6
110 40.4 32.5 48.7

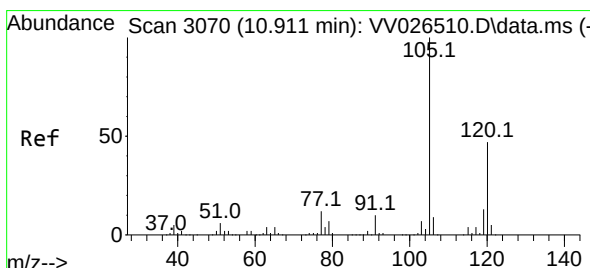
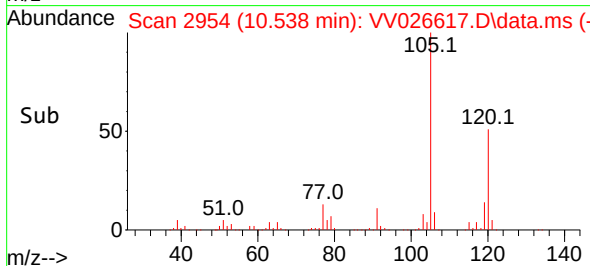
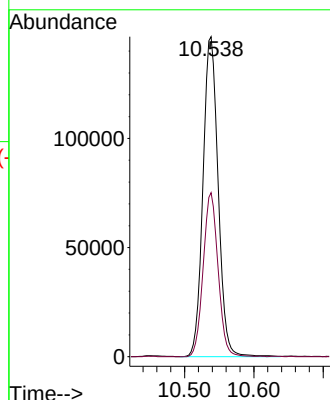
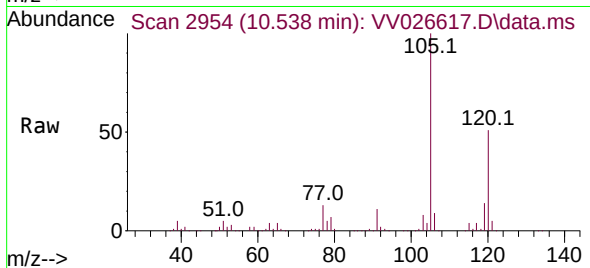




#62
 1,3,5-Trimethylbenzene
 Concen: 4.572 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

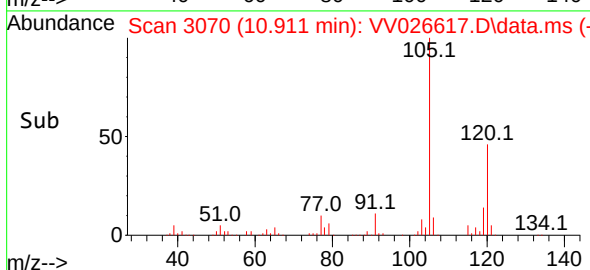
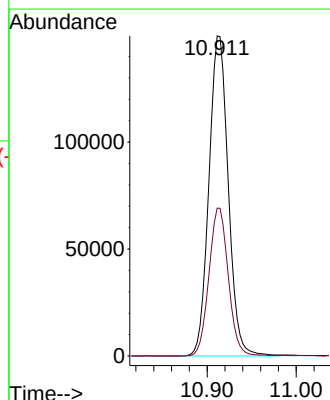
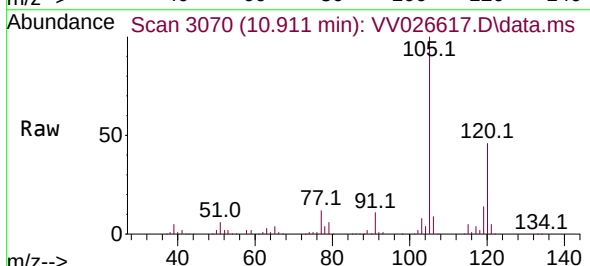
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

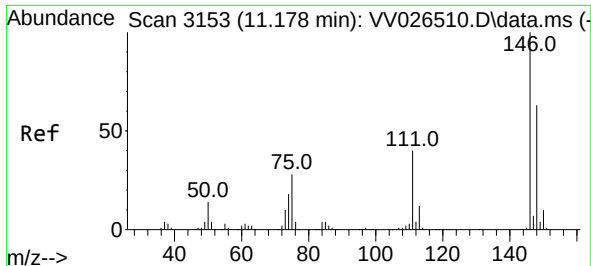
Tgt Ion:105 Resp: 222663
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.694 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion:105 Resp: 225425
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.4 56.2

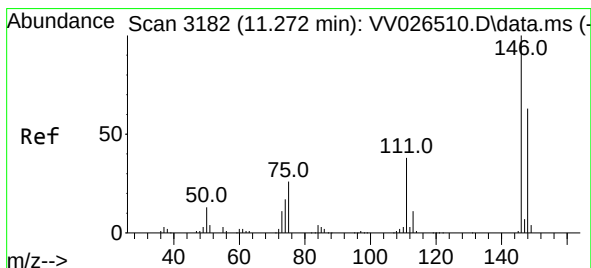
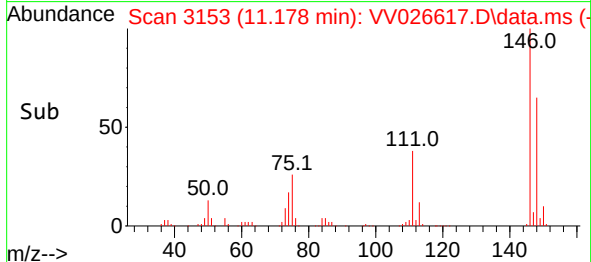
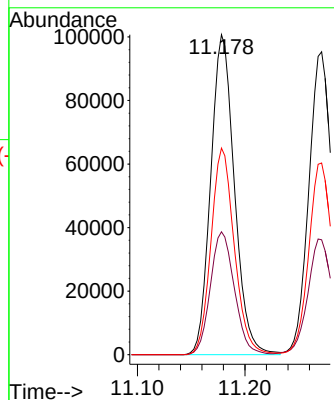
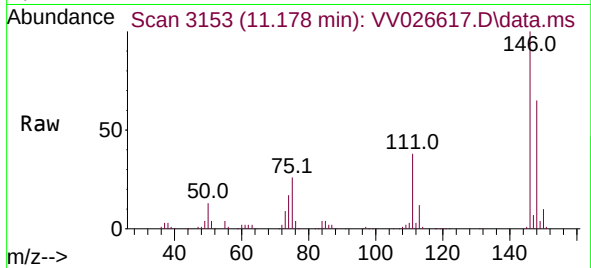




#64
1,3-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

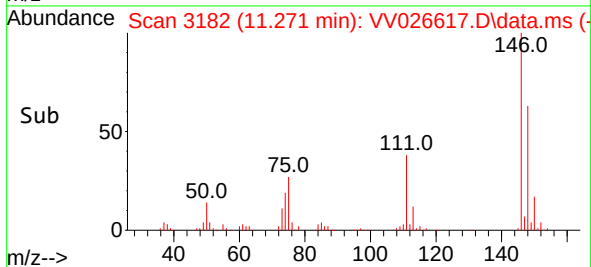
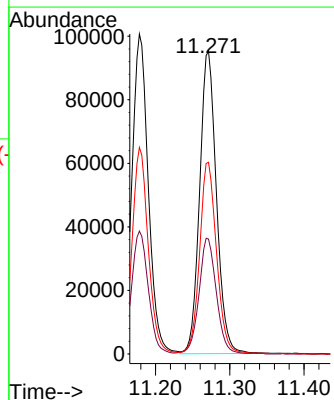
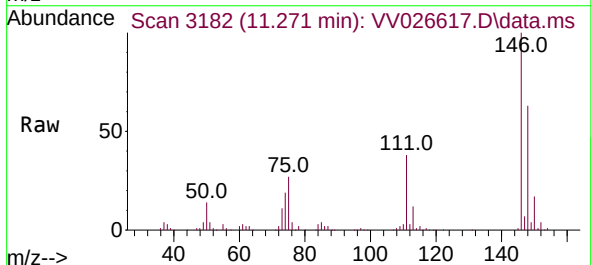
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

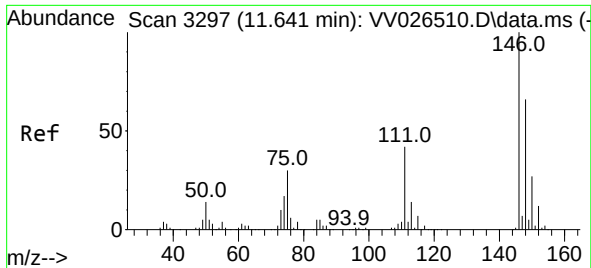
Tgt Ion:146 Resp: 154217
Ion Ratio Lower Upper
146 100
111 38.4 27.9 51.7
148 64.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.031 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion:146 Resp: 149712
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.3 43.7 81.1

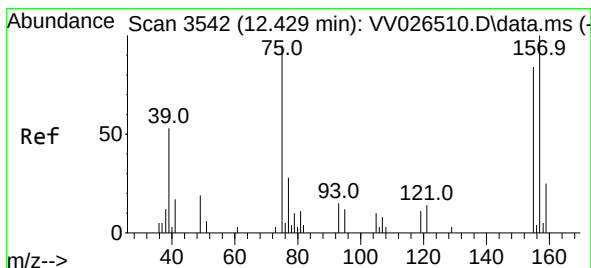
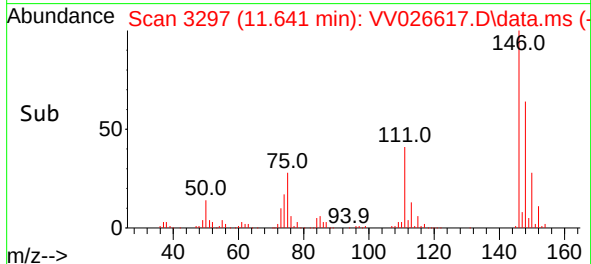
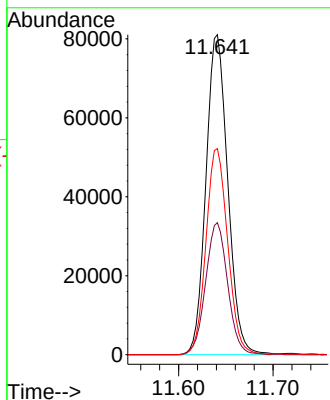
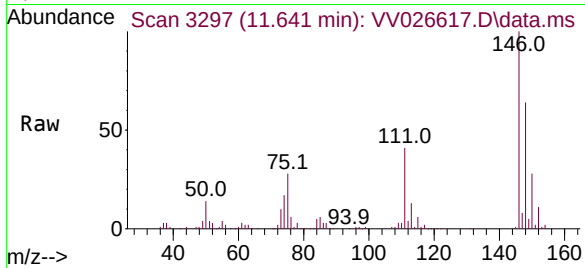




#67
 1,2-Dichlorobenzene
 Concen: 5.100 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

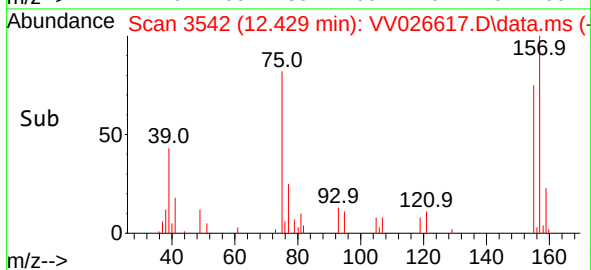
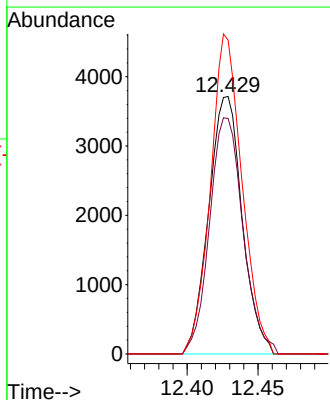
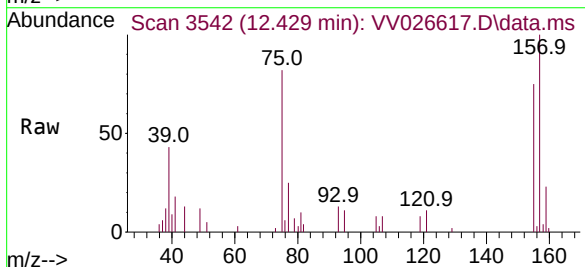
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

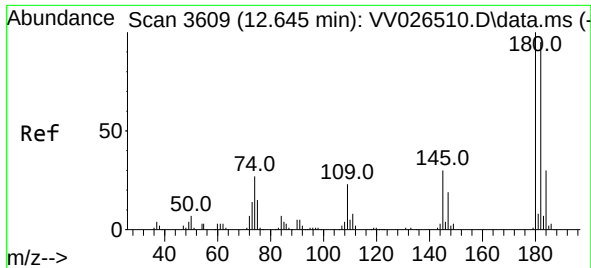
Tgt Ion:146 Resp: 130034
 Ion Ratio Lower Upper
 146 100
 111 41.2 32.8 49.2
 148 64.4 51.7 77.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.254 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion: 75 Resp: 6095
 Ion Ratio Lower Upper
 75 100
 155 91.5 74.7 112.1
 157 121.8 96.9 145.3

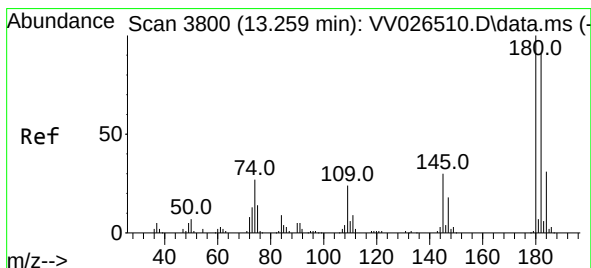
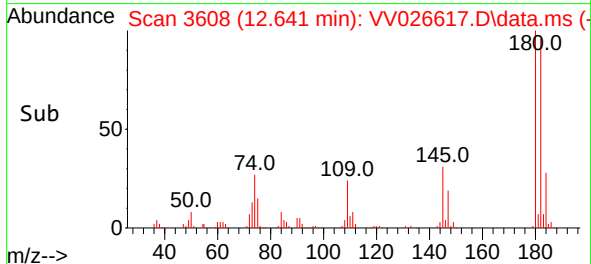
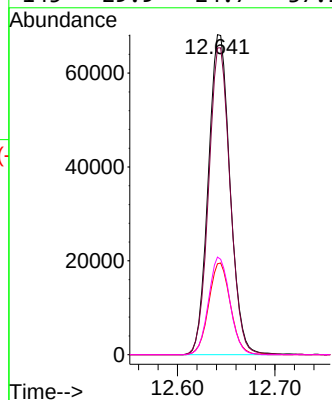
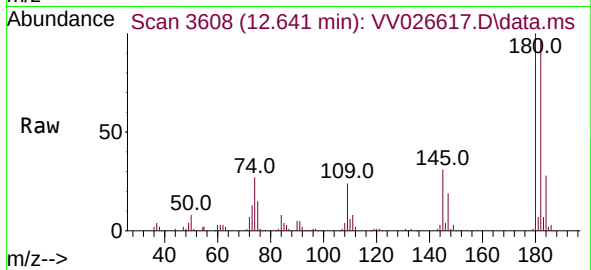




#69
 1,3,5-Trichlorobenzene
 Concen: 4.905 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

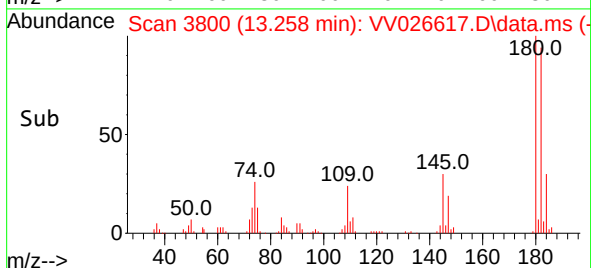
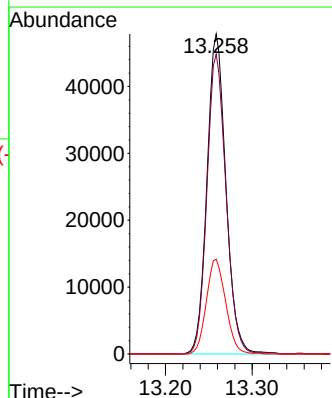
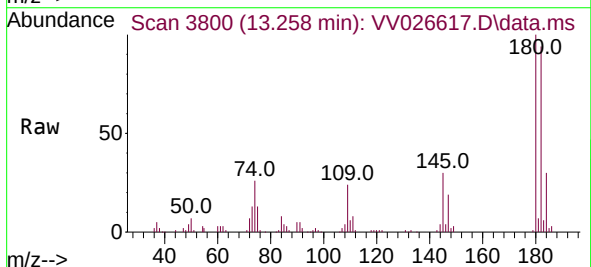
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

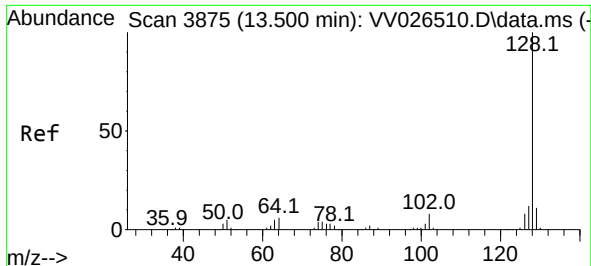
Tgt Ion:180 Resp: 105689
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.6 115.0
 184 28.6 24.1 36.1
 145 29.9 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.786 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026617.D
 Acq: 01 Jul 2022 09:31

Tgt Ion:180 Resp: 72825
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.2 112.8
 145 30.2 24.4 36.6

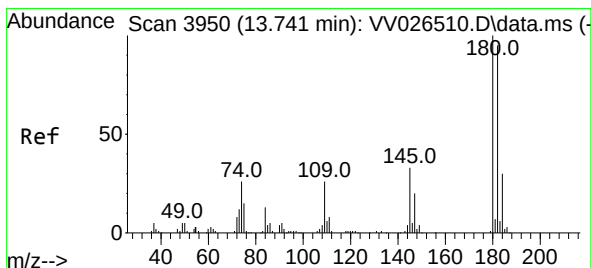
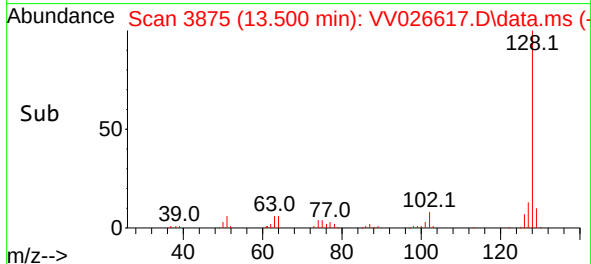
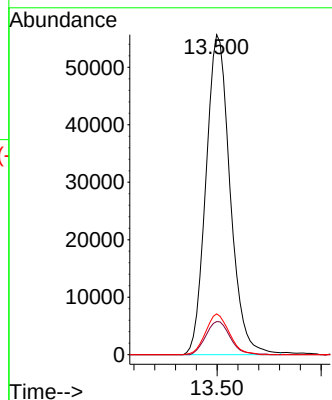
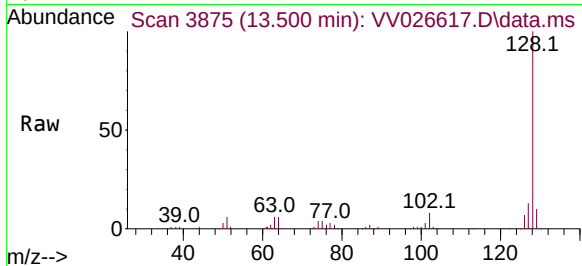




#71
Naphthalene
Concen: 4.517 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion:128	Resp:	89666
Ion Ratio	Lower	Upper
128	100	
129	10.5	8.6 12.8
127	12.5	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.971 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026617.D
Acq: 01 Jul 2022 09:31

Tgt Ion:180	Resp:	61900
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.8 115.2
145	31.9	25.8 38.6

