

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026510.D
 Acq On : 23 Jun 2022 13:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Quant Time: Jun 24 00:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:21:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	218855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	204310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	82015	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.574	69	66934	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.114	63	148754	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.931	46	106457	60.838	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.680%
24) Chloroform-d	4.355	84	137063	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.040	65	59051	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.056	84	286802	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.072	67	82776	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	270751	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.625	79	24543	5.884	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.600%
46) 2-Hexanone-d5	8.092	63	97060	61.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57626	5.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	89750	5.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	80558	4.834	ug/L	100
3) Chloromethane	1.246	50	86577	4.750	ug/L	99
5) Vinyl chloride	1.317	62	91846	4.733	ug/L	89
6) Bromomethane	1.529	94	51679	4.920	ug/L	95
8) Chloroethane	1.594	64	77988	5.909	ug/L	99
9) Trichlorofluoromethane	1.761	101	128595	4.752	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	76010	4.740	ug/L	98
12) 1,1-Dichloroethene	2.124	96	70820	4.791	ug/L	93
13) Acetone	2.224	43	65961	59.419	ug/L	71
14) Carbon disulfide	2.301	76	189787	4.867	ug/L	99
15) Methyl Acetate	2.458	43	18484	5.774	ug/L	100
16) Methylene chloride	2.516	84	75841	4.833	ug/L	96
17) Methyl tert-butyl Ether	2.780	73	130818	5.430	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	73949	4.904	ug/L	97
19) 1,1-Dichloroethane	3.198	63	131398	4.852	ug/L	99
21) 2-Butanone	4.005	43	28045	16.793	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	76119	5.083	ug/L	97
23) Bromochloromethane	4.259	128	32699	5.302	ug/L	97
25) Chloroform	4.381	83	138473	4.780	ug/L	97

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Quant Time: Jun 24 00:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:21:52 2022
 Response via : Initial Calibration

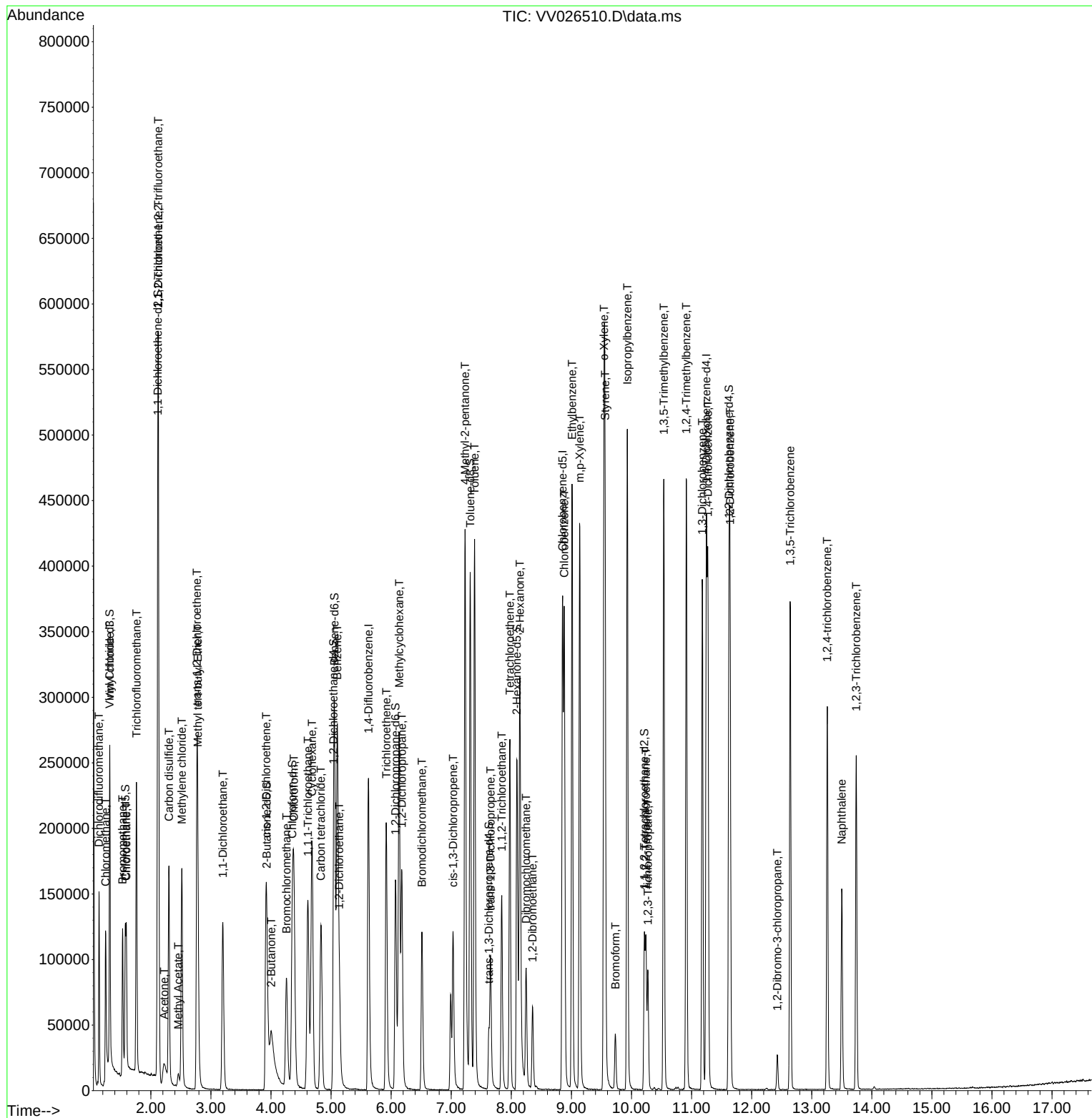
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	65723	5.097	ug/L	97
29) 1,1,1-Trichloroethane	4.616	97	120312	4.786	ug/L	99
30) Cyclohexane	4.683	56	99255	4.986	ug/L	99
31) Carbon tetrachloride	4.831	117	99339	4.711	ug/L	100
33) Benzene	5.101	78	297805	4.992	ug/L	100
34) Trichloroethene	5.918	95	77156	4.920	ug/L	99
35) Methylcyclohexane	6.134	83	116054	5.002	ug/L	98
37) 1,2-Dichloropropane	6.179	63	70534	4.906	ug/L	98
38) Bromodichloromethane	6.513	83	84445	4.975	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	80892	5.597	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	294217	60.581	ug/L	98
42) Toluene	7.388	91	318539	5.172	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	62523	5.817	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	48402	5.338	ug/L	96
47) Tetrachloroethene	7.976	164	61031	4.888	ug/L	99
48) 2-Hexanone	8.143	43	209774	62.051	ug/L	95
49) Dibromochloromethane	8.246	129	48069	5.236	ug/L	99
50) 1,2-Dibromoethane	8.352	107	43358	5.378	ug/L	97
51) Chlorobenzene	8.883	112	204287	5.064	ug/L	99
52) Ethylbenzene	9.011	91	323559	5.080	ug/L	99
53) m,p-Xylene	9.140	106	128273	5.163	ug/L	95
54) o-Xylene	9.542	106	119978	5.144	ug/L	98
55) Styrene	9.561	104	208200	5.390	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	55416	5.473	ug/L	99
59) Bromoform	9.731	173	19524	4.971	ug/L	99
60) Isopropylbenzene	9.931	105	325781	4.956	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	37320	5.408	ug/L	99
62) 1,3,5-Trimethylbenzene	10.539	105	250857	4.828	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	256429	5.005	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	160776	5.029	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	159383	5.020	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	139579	5.131	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6949	5.614	ug/L	90
69) 1,3,5-Trichlorobenzene	12.645	180	116390	5.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	88905	5.477	ug/L	99
71) Naphthalene	13.500	128	125281	5.915	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75768	5.703	ug/L	99

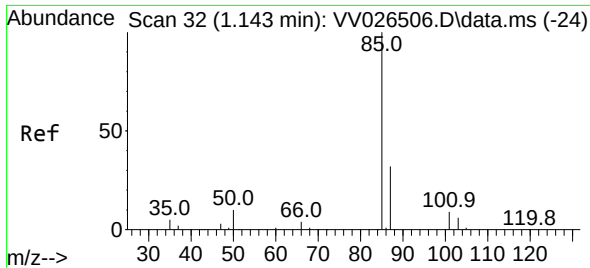
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 Data File : VV026510.D
 Acq On : 23 Jun 2022 13:02
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Quant Time: Jun 24 00:34:12 2022
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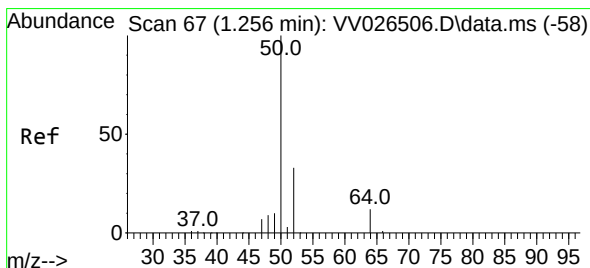
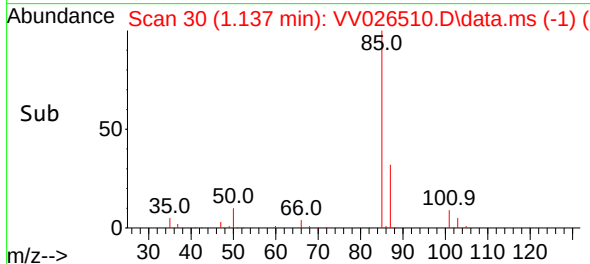
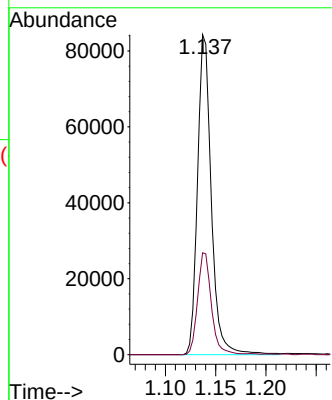
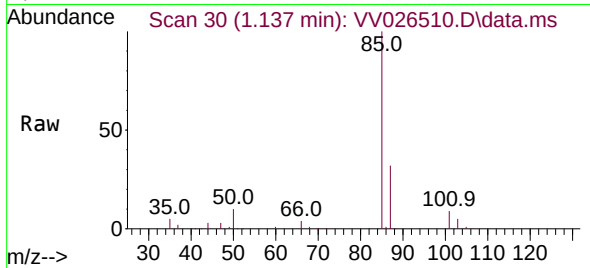




#2
 Dichlorodifluoromethane
 Concen: 4.834 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

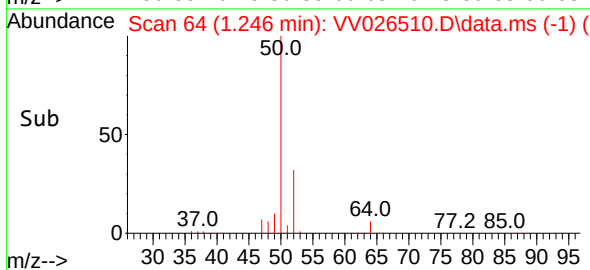
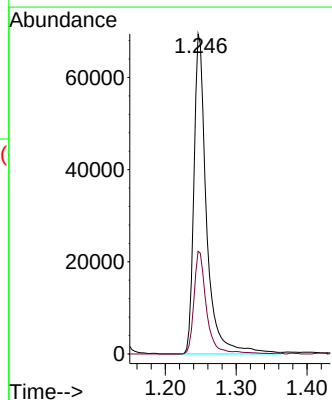
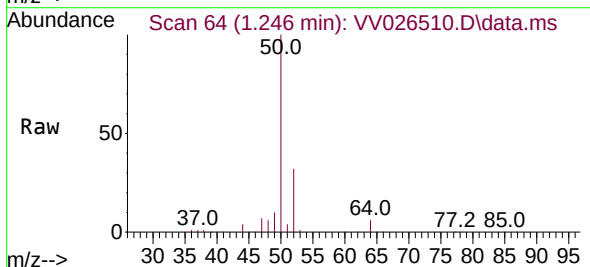
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

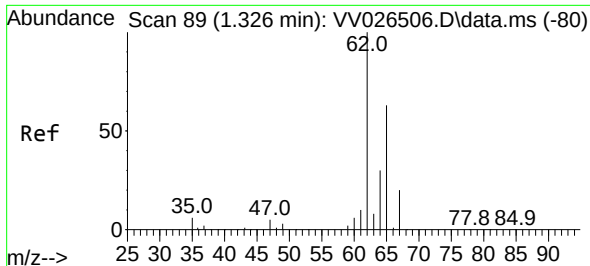
Tgt Ion: 85 Resp: 80558
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.750 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.009 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

Tgt Ion: 50 Resp: 86577
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.6

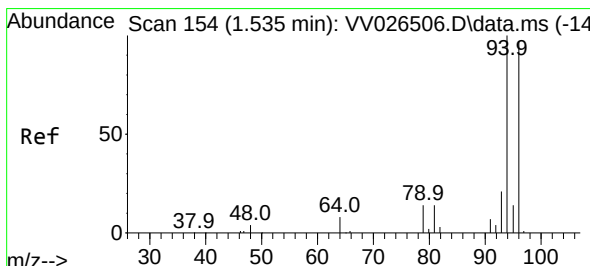
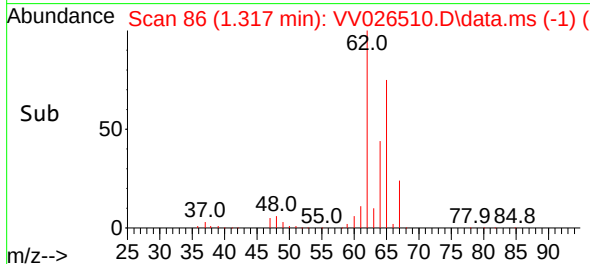
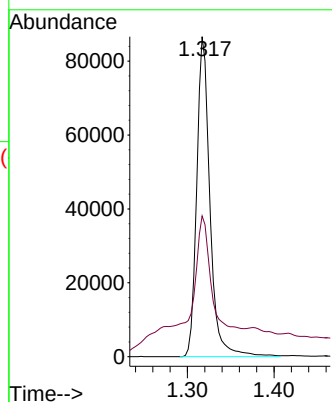
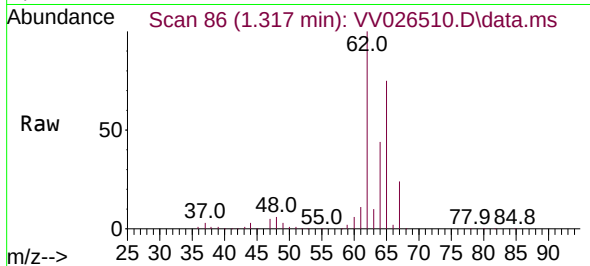




#5
 Vinyl chloride
 Concen: 4.733 ug/L
 RT: 1.317 min Scan# 89
 Delta R.T. -0.009 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

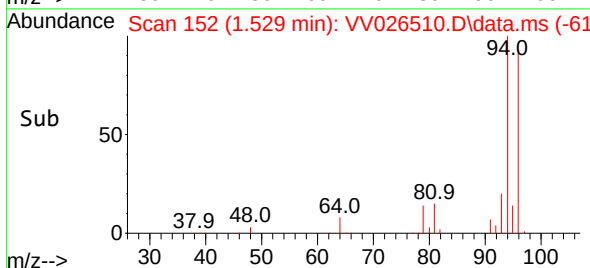
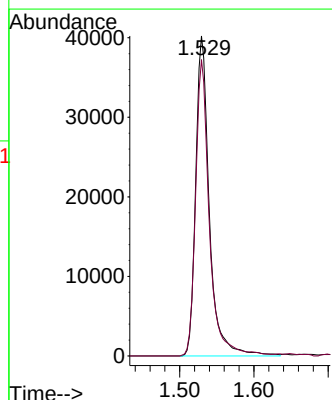
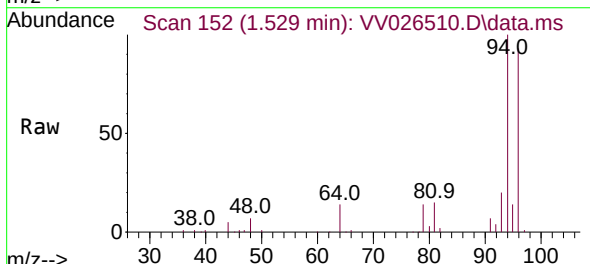
Instrument :
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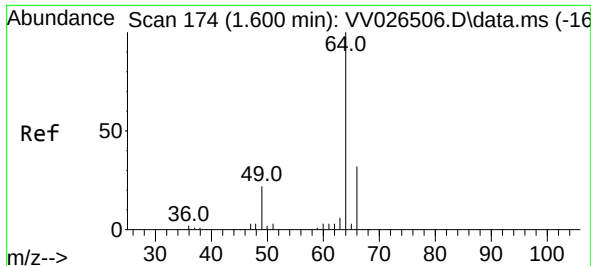
Tgt Ion: 62 Resp: 91846
 Ion Ratio Lower Upper
 62 100
 64 44.0 26.2 48.6



#6
 Bromomethane
 Concen: 4.920 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. -0.006 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

Tgt Ion: 94 Resp: 51679
 Ion Ratio Lower Upper
 94 100
 96 92.6 68.0 126.2

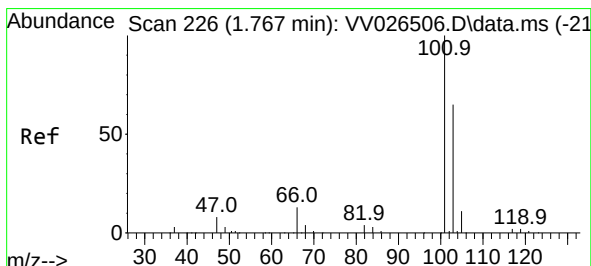
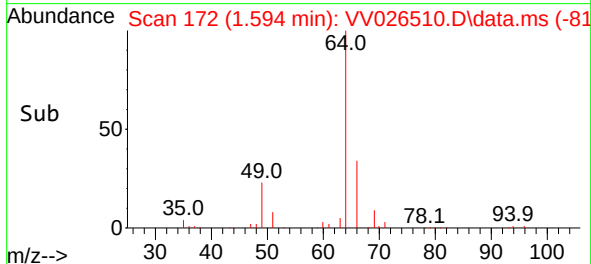
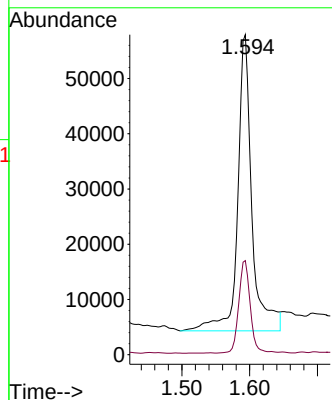
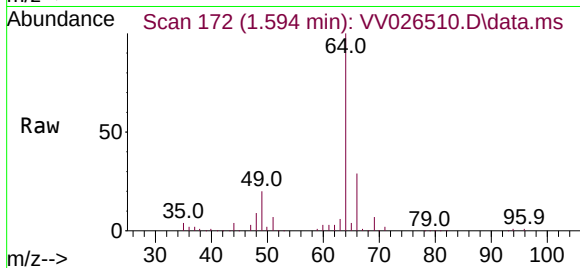




#8
Chloroethane
Concen: 5.909 ug/L
RT: 1.594 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

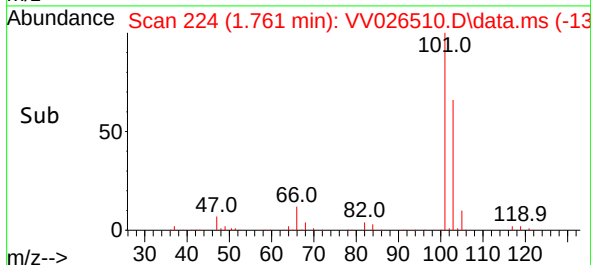
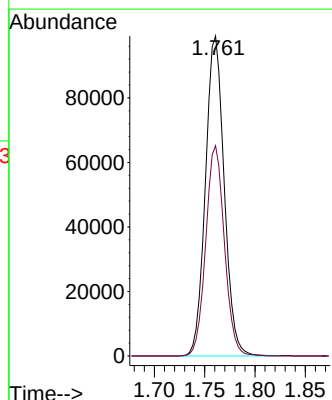
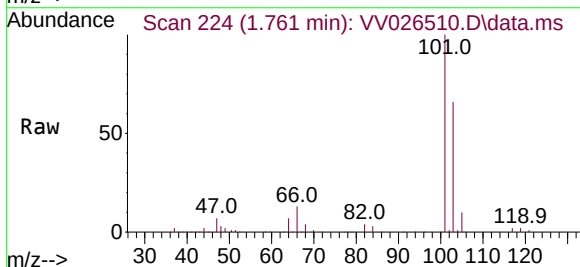
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

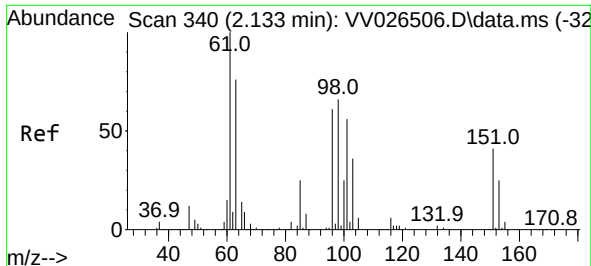
Tgt Ion: 64 Resp: 77988
Ion Ratio Lower Upper
64 100
66 29.4 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.752 ug/L
RT: 1.761 min Scan# 224
Delta R.T. -0.006 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion:101 Resp: 128595
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

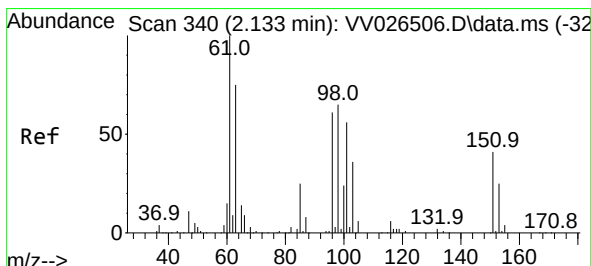
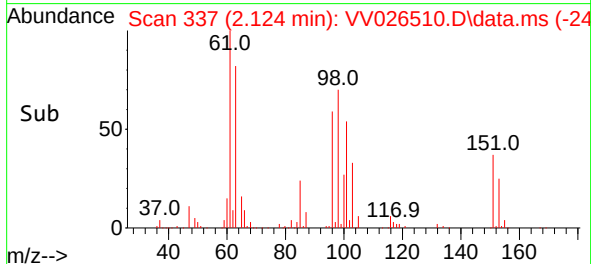
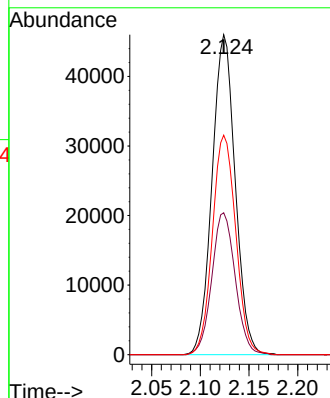
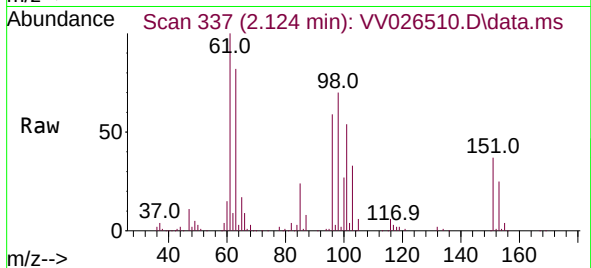




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.740 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.009 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

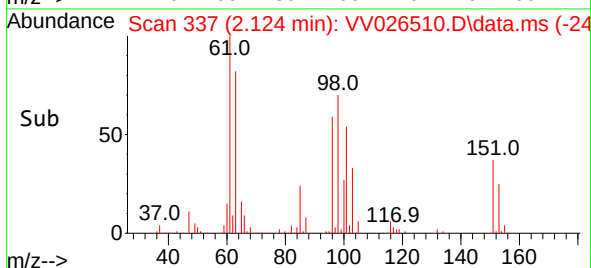
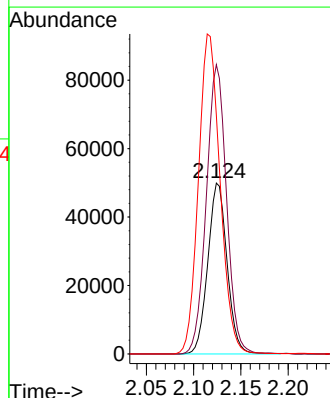
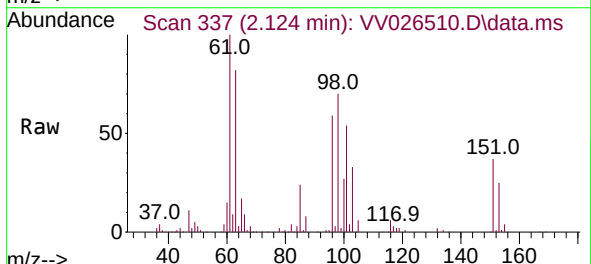
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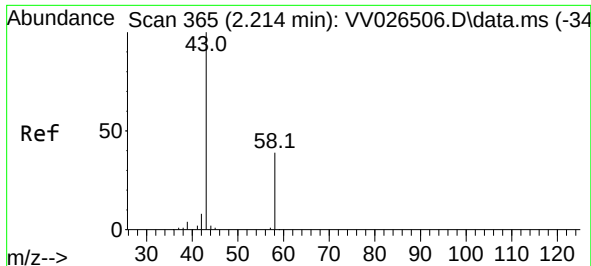
Tgt Ion:101 Resp: 76010
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.2 51.4
 151 69.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.791 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.009 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

Tgt Ion: 96 Resp: 70820
 Ion Ratio Lower Upper
 96 100
 61 169.2 115.4 214.4
 63 139.5 87.4 162.2





#13

Acetone

Concen: 59.419 ug/L

RT: 2.224 min Scan# 30

Delta R.T. 0.010 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

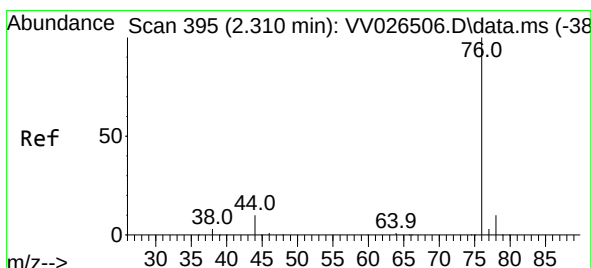
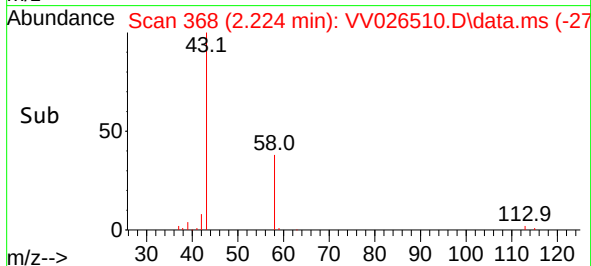
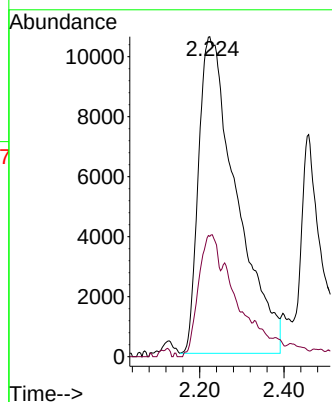
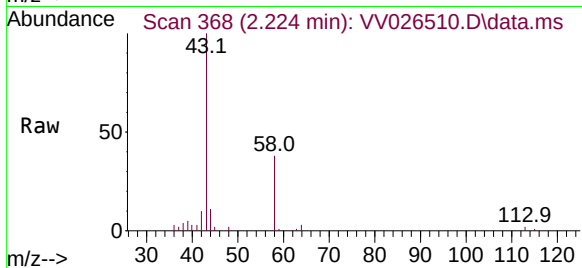
VSTD005333

Tgt Ion: 43 Resp: 65961

Ion Ratio Lower Upper

43 100

58 20.3 0.0 75.0



#14

Carbon disulfide

Concen: 4.867 ug/L

RT: 2.301 min Scan# 392

Delta R.T. -0.009 min

Lab File: VV026510.D

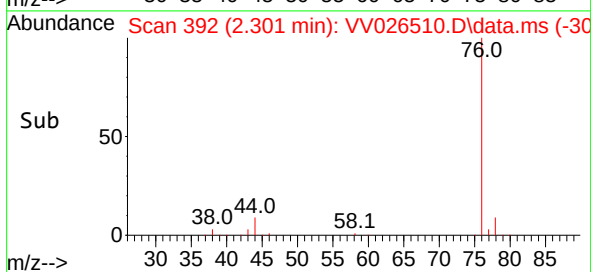
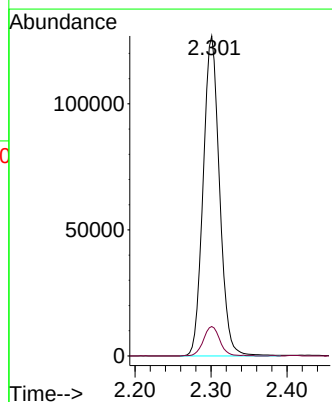
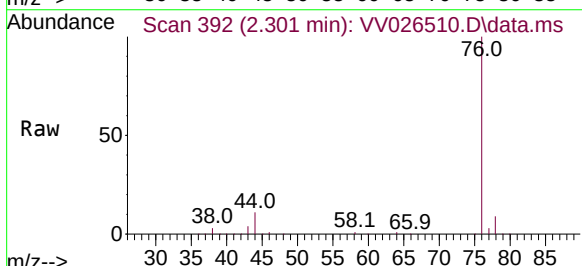
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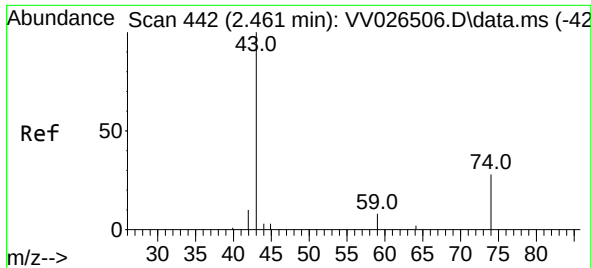
Tgt Ion: 76 Resp: 189787

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6

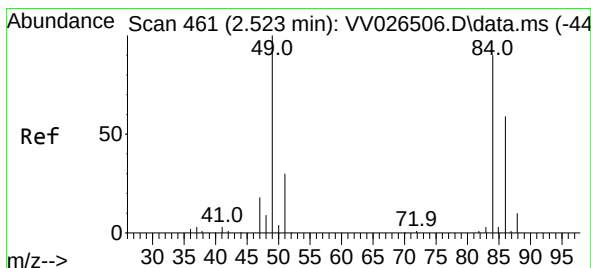
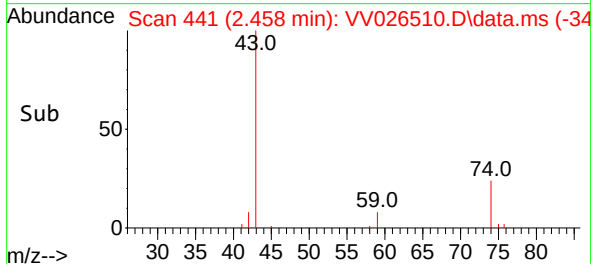
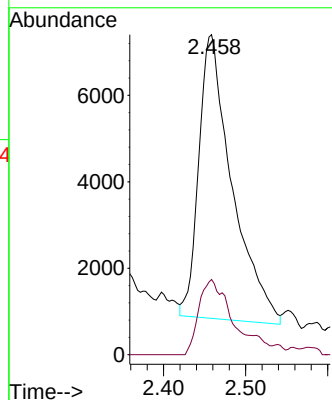
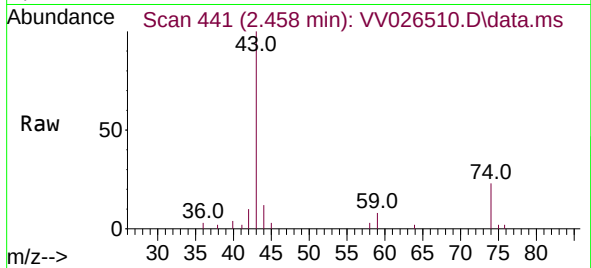




#15
Methyl Acetate
Concen: 5.774 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

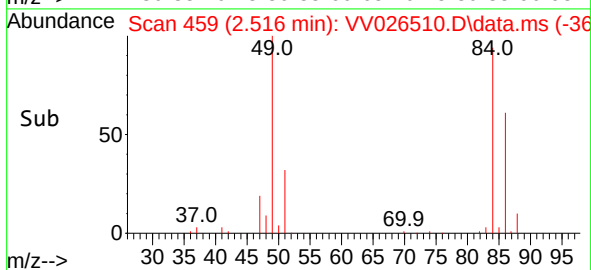
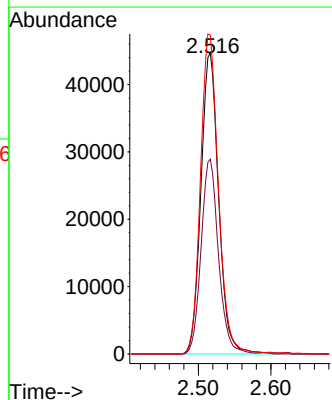
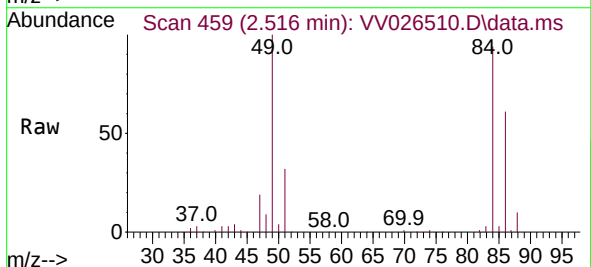
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

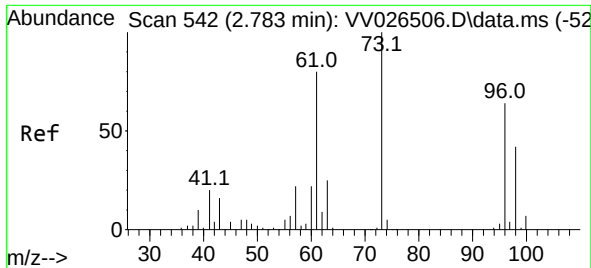
Tgt Ion: 43 Resp: 18484
Ion Ratio Lower Upper
43 100
74 27.8 22.1 33.1



#16
Methylene chloride
Concen: 4.833 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.006 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 84 Resp: 75841
Ion Ratio Lower Upper
84 100
86 64.6 46.0 85.4
49 105.8 77.7 144.3

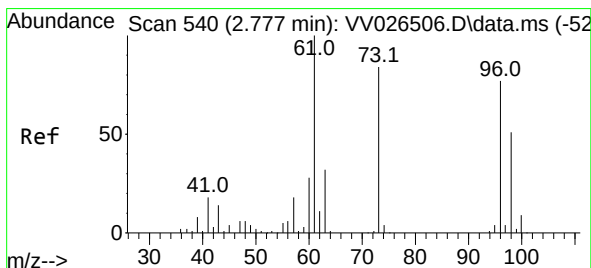
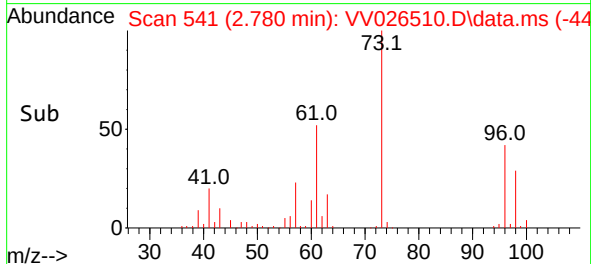
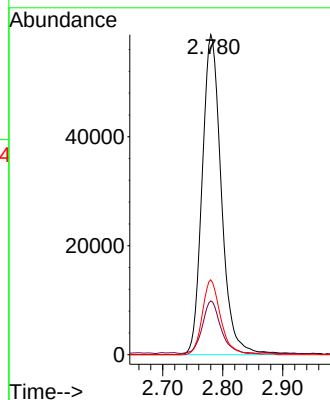
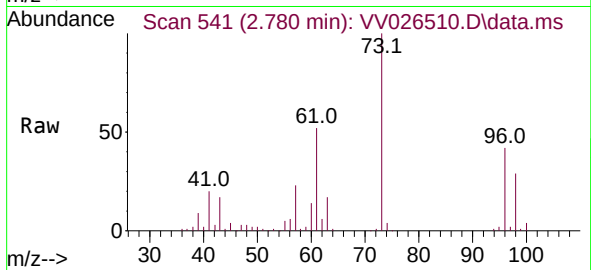




#17
Methyl tert-butyl Ether
Concen: 5.430 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

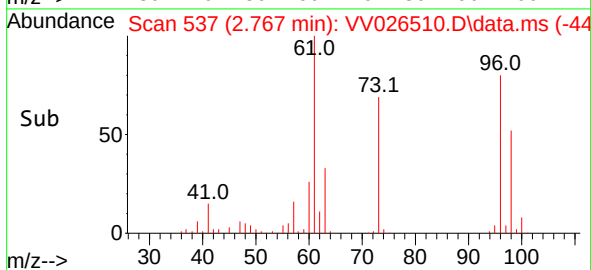
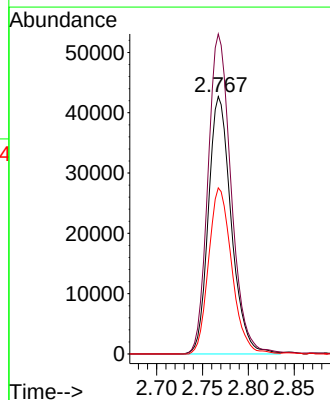
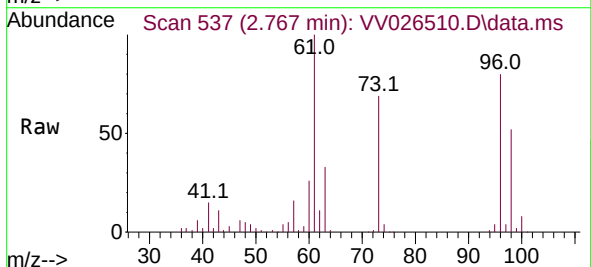
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

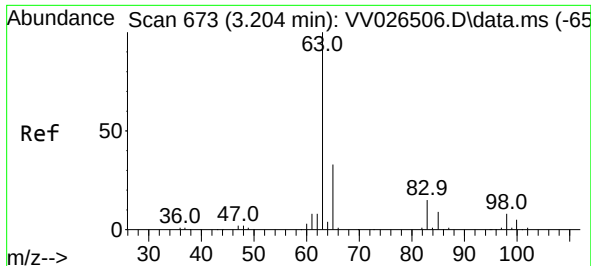
Tgt Ion: 73 Resp: 130818
Ion Ratio Lower Upper
73 100
43 15.6 13.3 19.9
57 22.2 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.904 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.009 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 96 Resp: 73949
Ion Ratio Lower Upper
96 100
61 124.3 90.4 167.8
98 64.5 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.852 ug/L

RT: 3.198 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005333

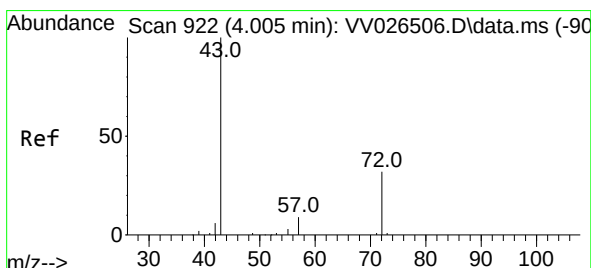
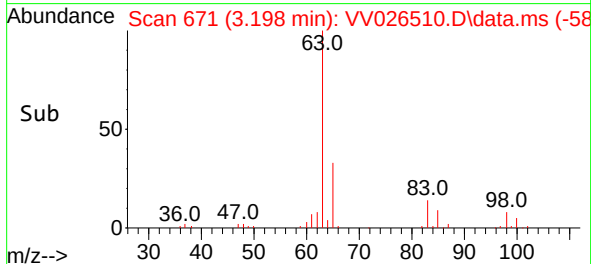
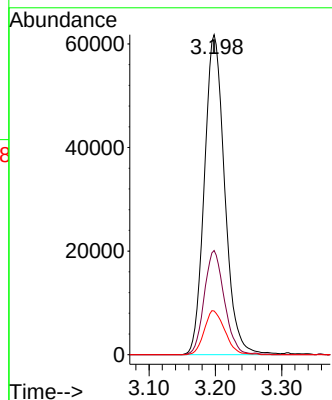
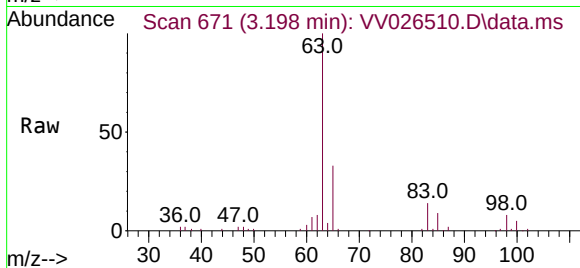
Tgt Ion: 63 Resp: 131398

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 13.7 10.2 19.0



#21

2-Butanone

Concen: 16.793 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.000 min

Lab File: VV026510.D

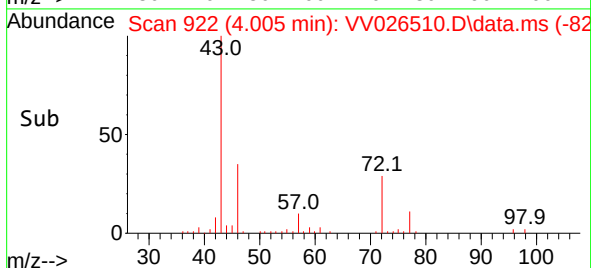
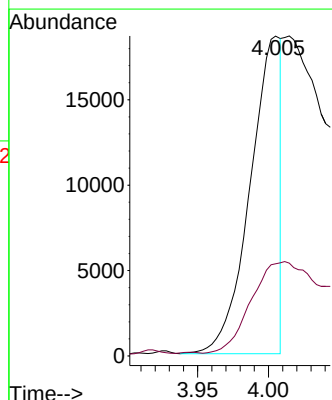
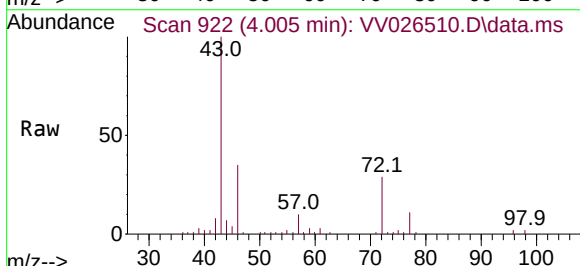
Acq: 23 Jun 2022 13:02

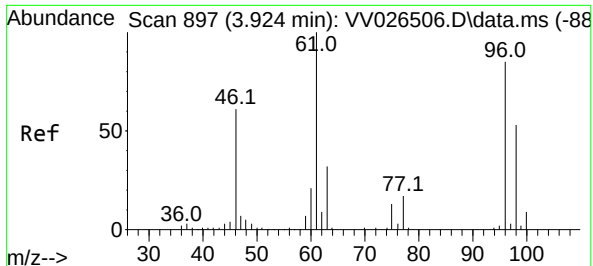
Tgt Ion: 43 Resp: 28045

Ion Ratio Lower Upper

43 100

72 100.9 13.5 40.5#





#22

cis-1,2-Dichloroethene

Concen: 5.083 ug/L

RT: 3.921 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005333

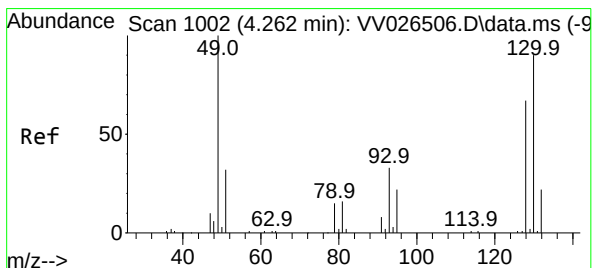
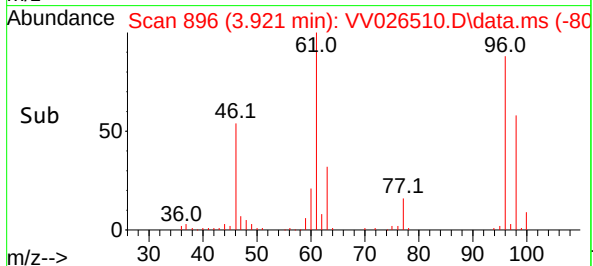
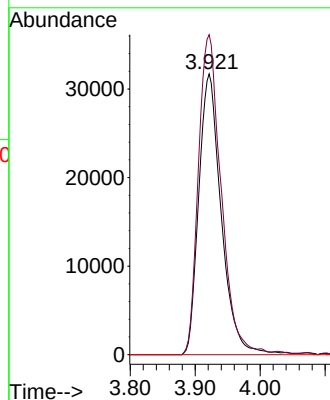
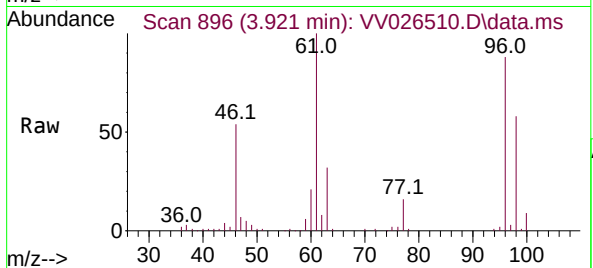
Tgt Ion: 96 Resp: 76119

Ion Ratio Lower Upper

96 100

61 114.0 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.302 ug/L

RT: 4.259 min Scan# 1001

Delta R.T. -0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Tgt Ion:128 Resp: 32699

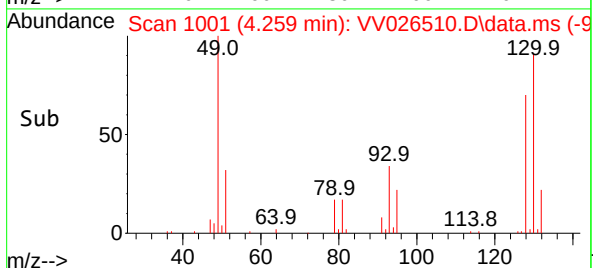
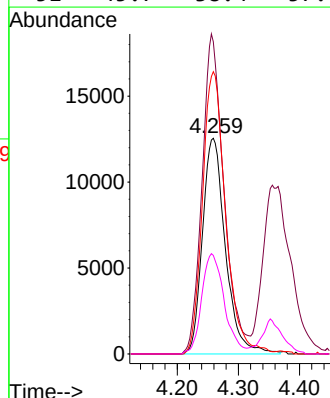
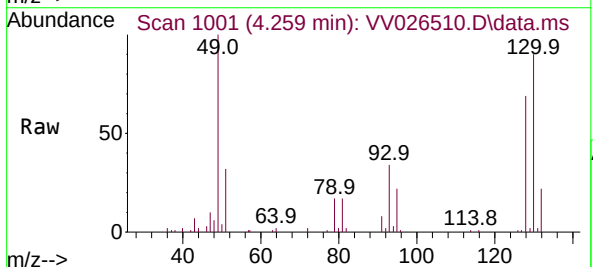
Ion Ratio Lower Upper

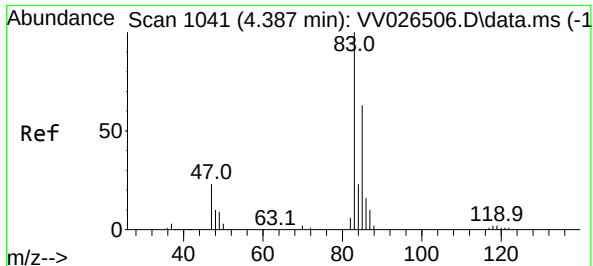
128 100

49 144.7 104.0 193.1

130 130.8 93.4 173.6

51 45.7 38.4 57.6





#25

Chloroform

Concen: 4.780 ug/L

RT: 4.381 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

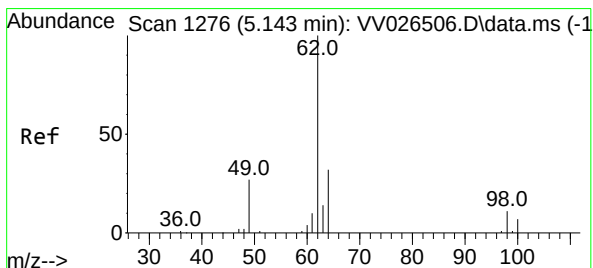
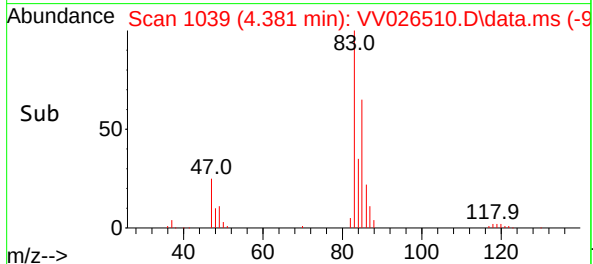
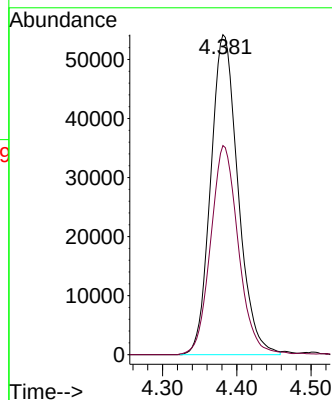
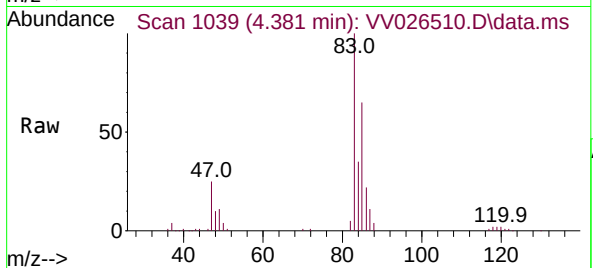
VSTD005333

Tgt Ion: 83 Resp: 138473

Ion Ratio Lower Upper

83 100

85 65.3 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.097 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.006 min

Lab File: VV026510.D

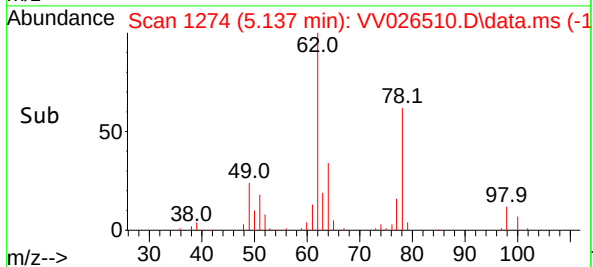
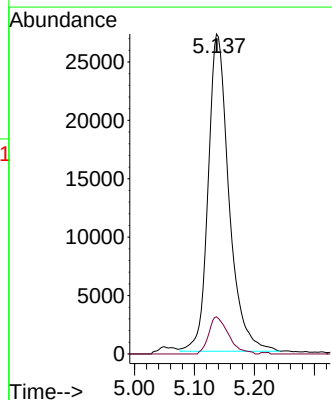
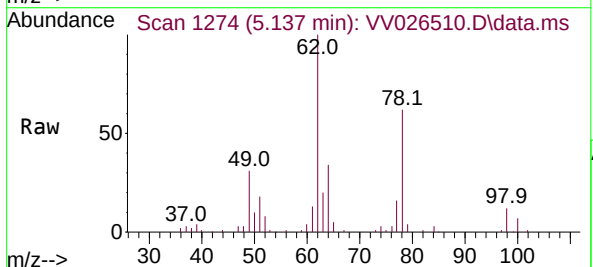
Acq: 23 Jun 2022 13:02

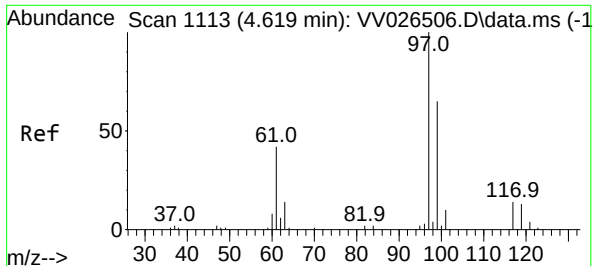
Tgt Ion: 62 Resp: 65723

Ion Ratio Lower Upper

62 100

98 11.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.786 ug/L

RT: 4.616 min Scan# 1113

Delta R.T. -0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005333

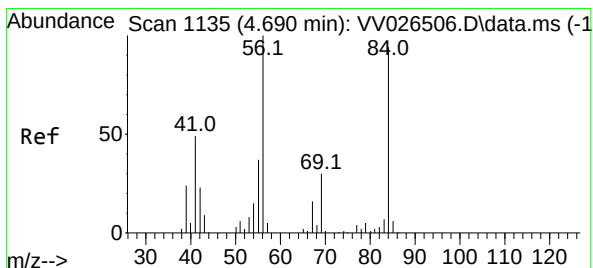
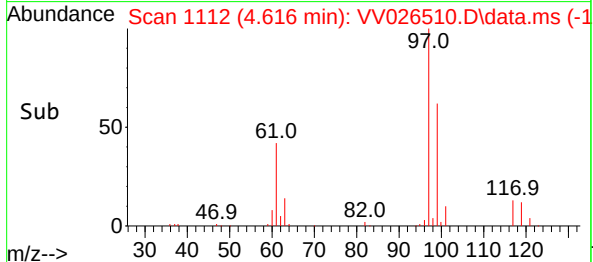
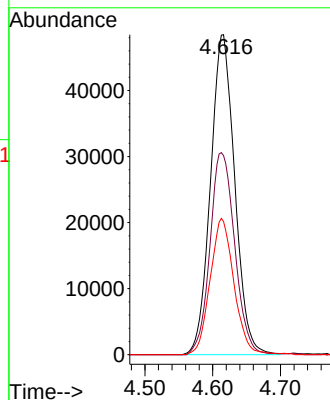
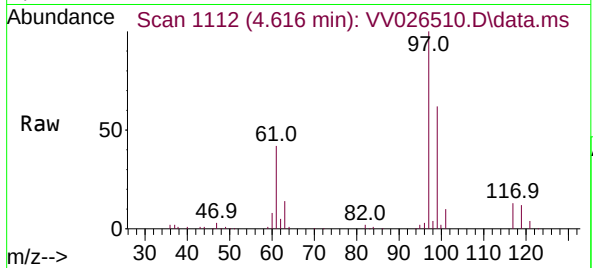
Tgt Ion: 97 Resp: 120312

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 41.8 33.0 49.4



#30

Cyclohexane

Concen: 4.986 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

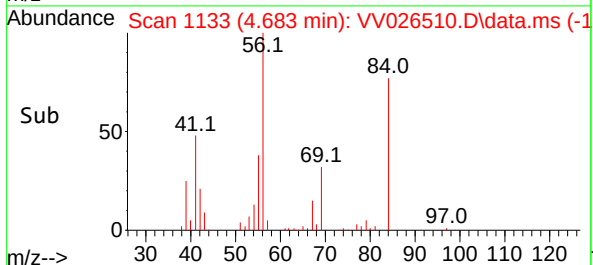
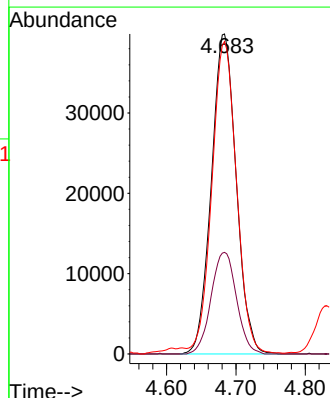
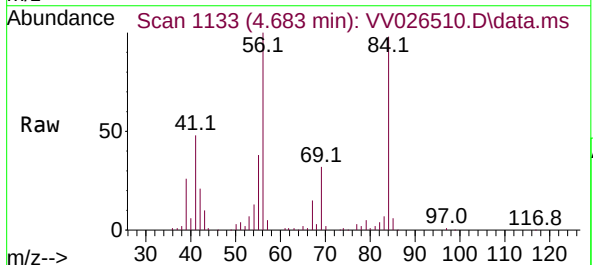
Tgt Ion: 56 Resp: 99255

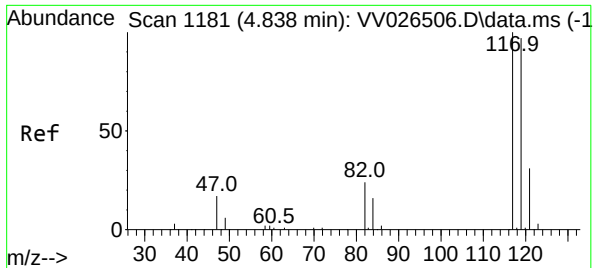
Ion Ratio Lower Upper

56 100

69 32.5 25.4 38.2

84 96.3 77.8 116.6

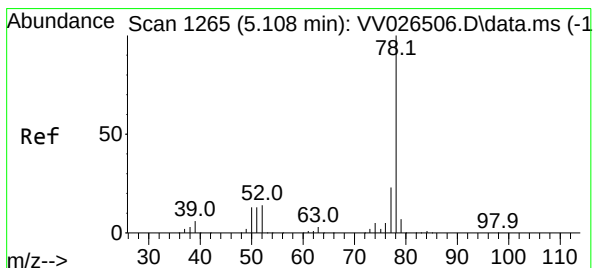
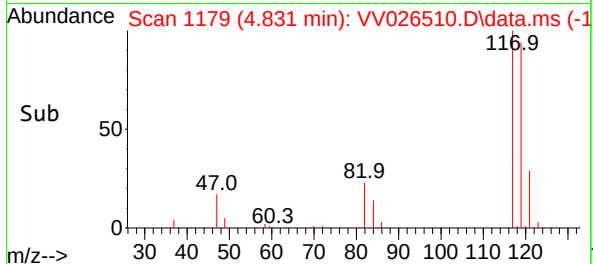
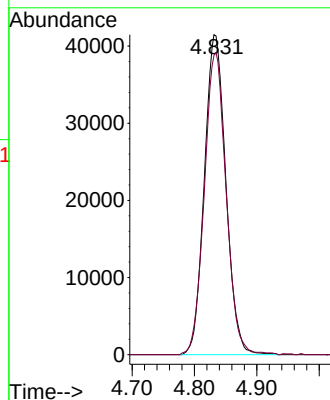
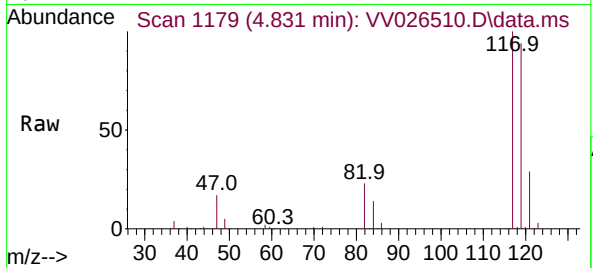




#31
Carbon tetrachloride
Concen: 4.711 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

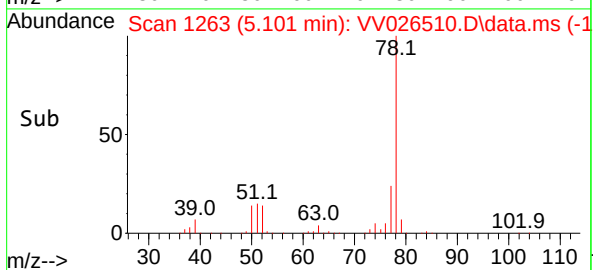
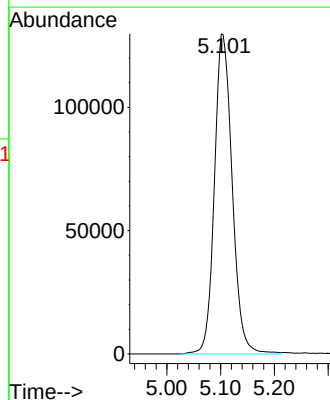
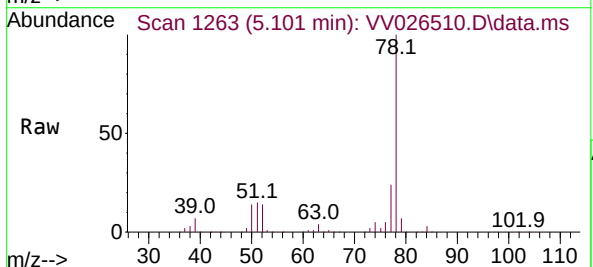
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

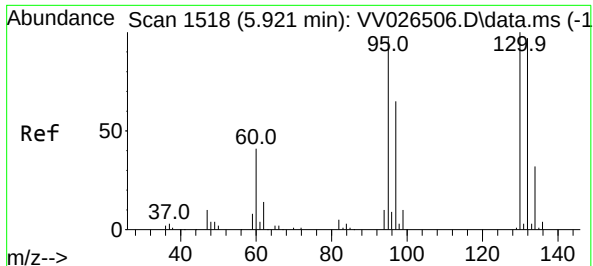
Tgt Ion:117 Resp: 99339
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 4.992 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 78 Resp: 297805

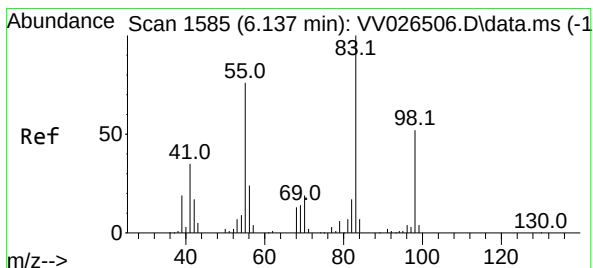
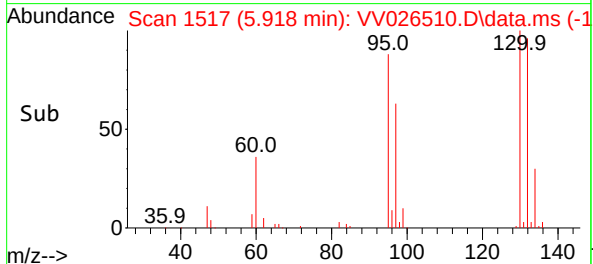
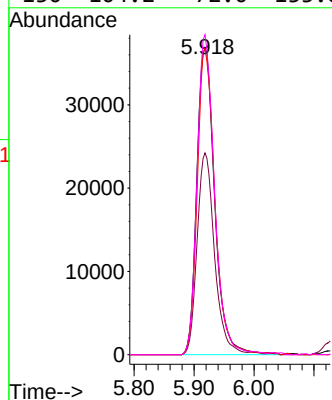
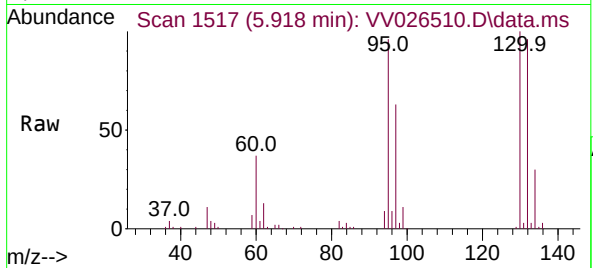




#34
Trichloroethene
Concen: 4.920 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

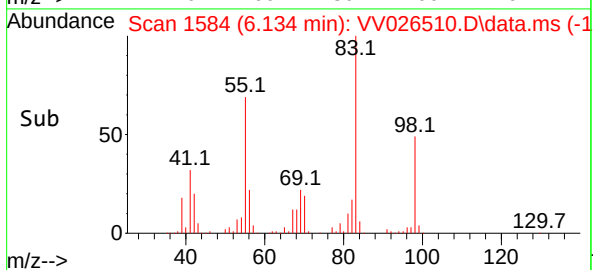
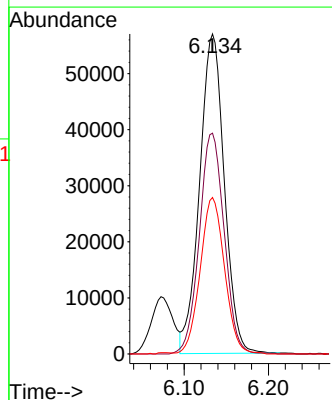
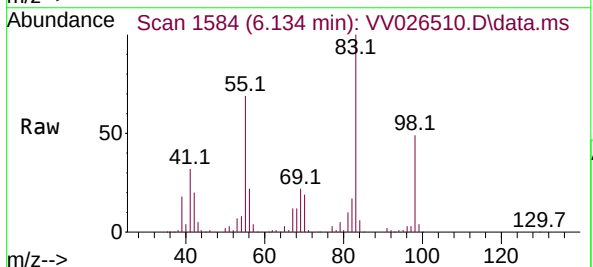
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

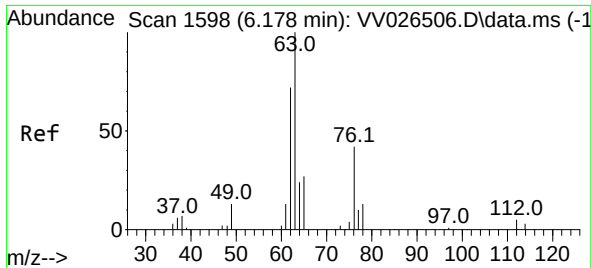
Tgt Ion: 95 Resp: 77156
Ion Ratio Lower Upper
95 100
97 65.7 46.8 87.0
132 99.6 69.9 129.7
130 104.2 72.0 133.8



#35
Methylcyclohexane
Concen: 5.002 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 83 Resp: 116054
Ion Ratio Lower Upper
83 100
55 69.6 57.0 85.4
98 48.5 39.8 59.8

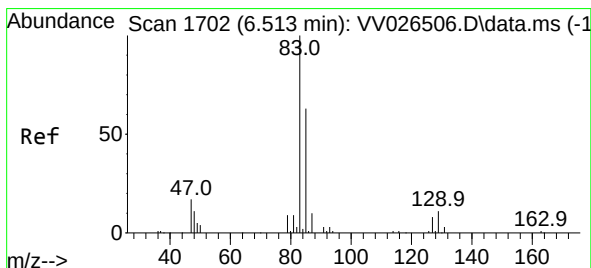
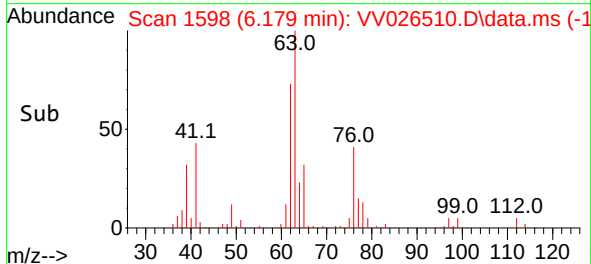
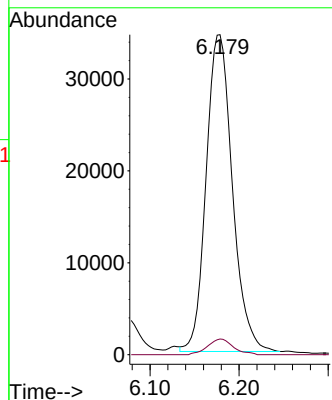
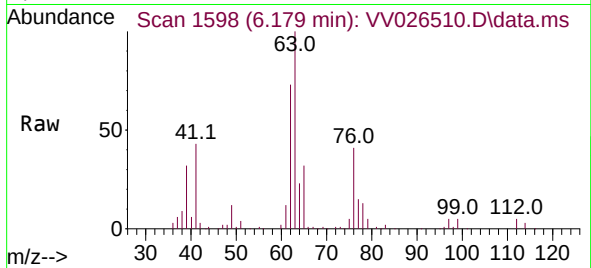




#37
1,2-Dichloropropane
Concen: 4.906 ug/L
RT: 6.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

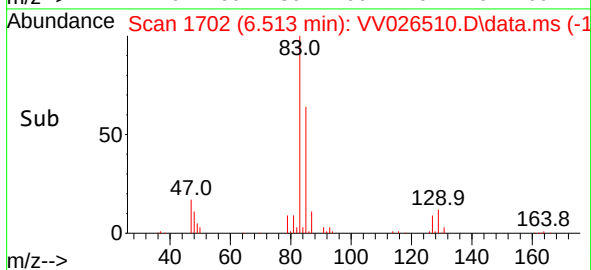
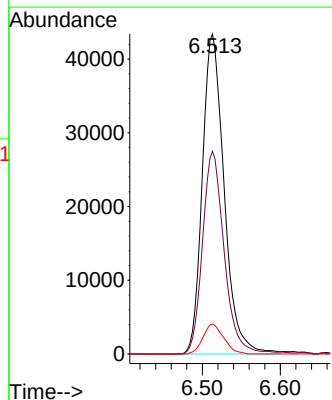
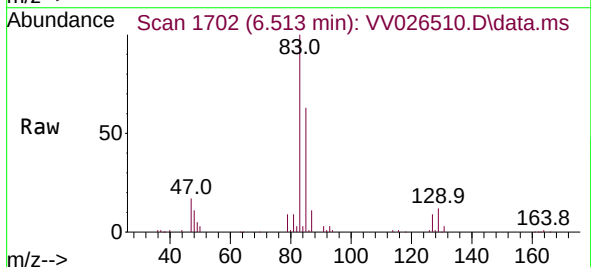
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

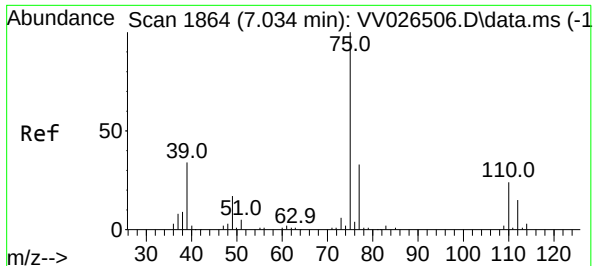
Tgt Ion: 63 Resp: 70534
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4



#38
Bromodichloromethane
Concen: 4.975 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 83 Resp: 84445
Ion Ratio Lower Upper
83 100
85 63.4 44.0 81.8
127 9.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.597 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. -0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

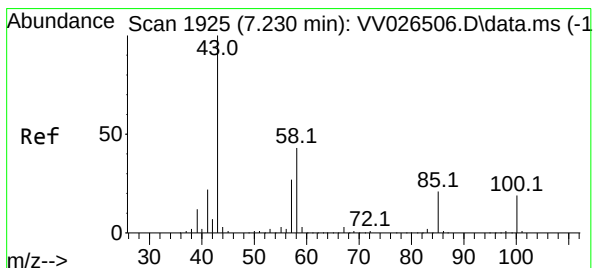
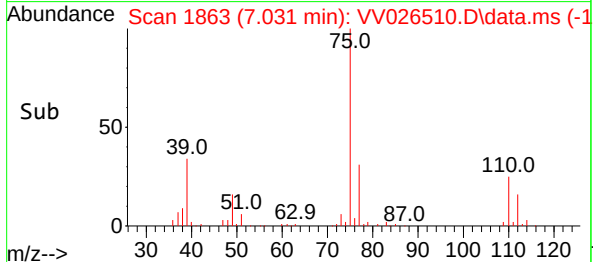
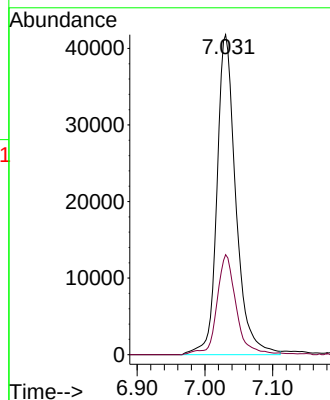
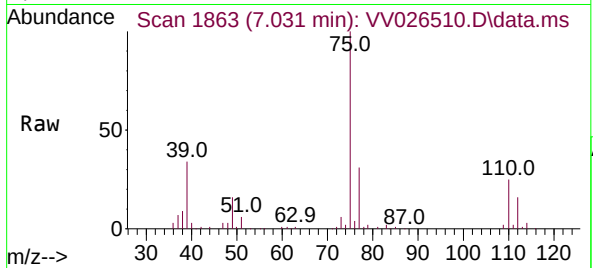
VSTD005333

Tgt Ion: 75 Resp: 80892

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 60.581 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

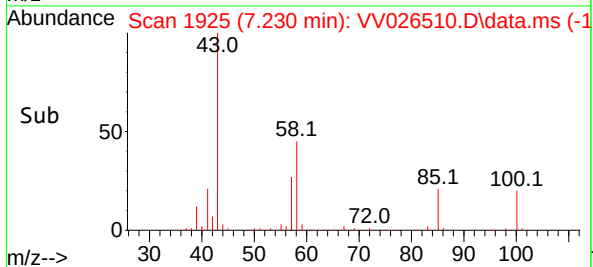
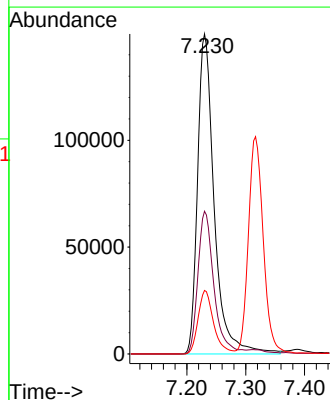
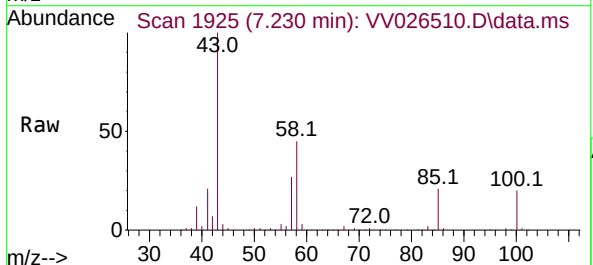
Tgt Ion: 43 Resp: 294217

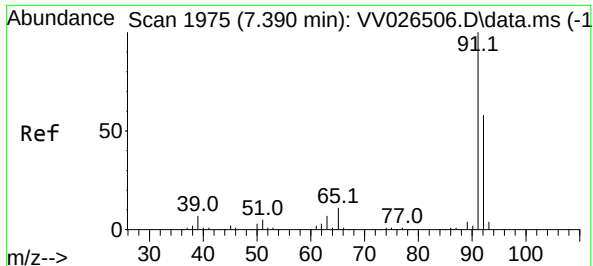
Ion Ratio Lower Upper

43 100

58 42.9 33.3 49.9

100 18.6 14.3 21.5





#42

Toluene

Concen: 5.172 ug/L

RT: 7.388 min Scan# 1975

Delta R.T. -0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

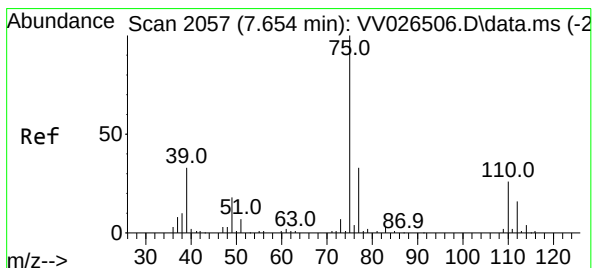
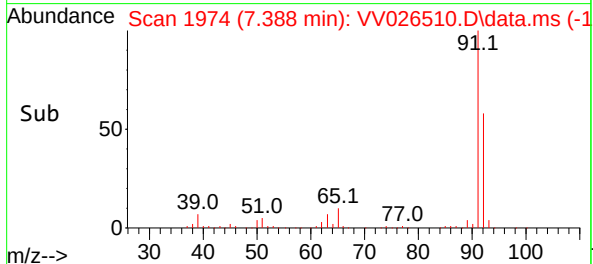
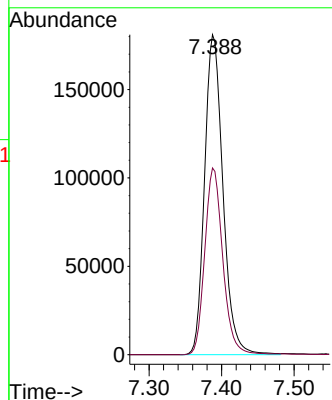
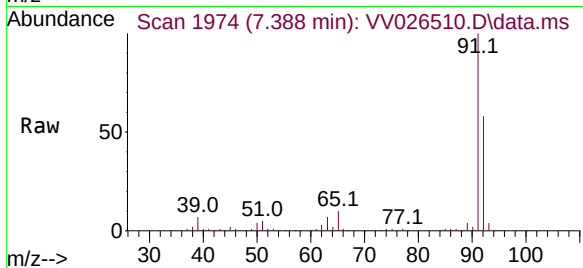
VSTD005333

Tgt Ion: 91 Resp: 318539

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.817 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026510.D

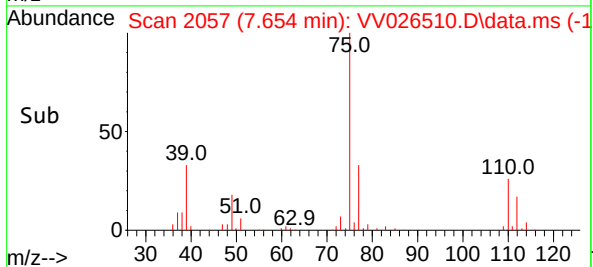
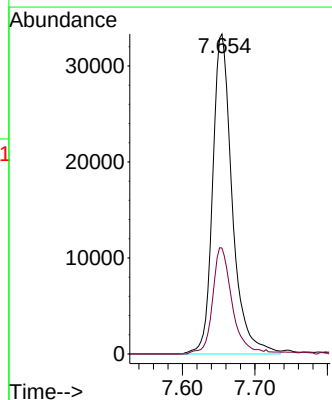
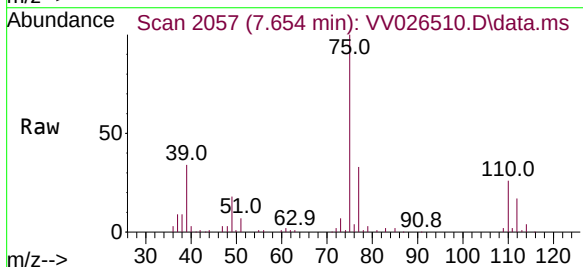
Acq: 23 Jun 2022 13:02

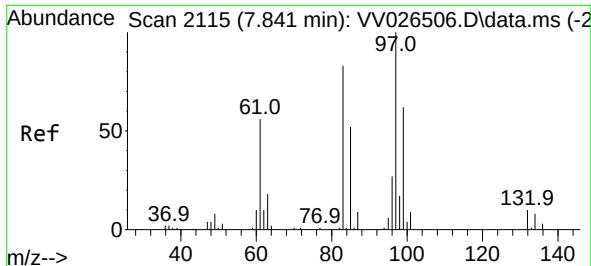
Tgt Ion: 75 Resp: 62523

Ion Ratio Lower Upper

75 100

77 33.1 23.1 42.9



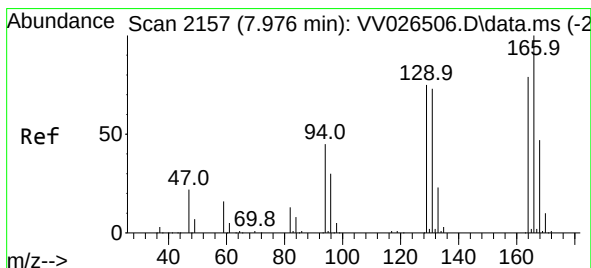
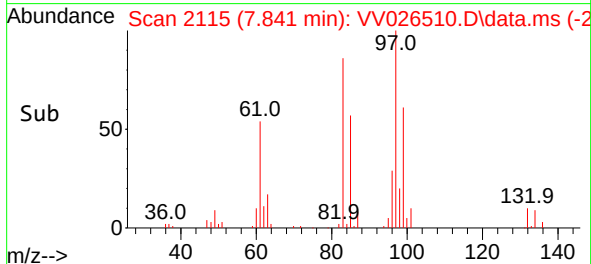
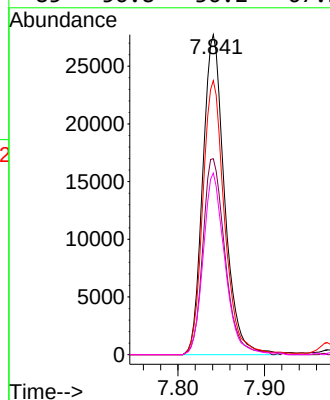
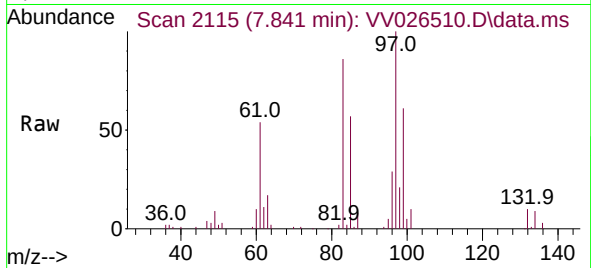


#45
1,1,2-Trichloroethane
Concen: 5.338 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

Tgt Ion: 97 Resp: 48402

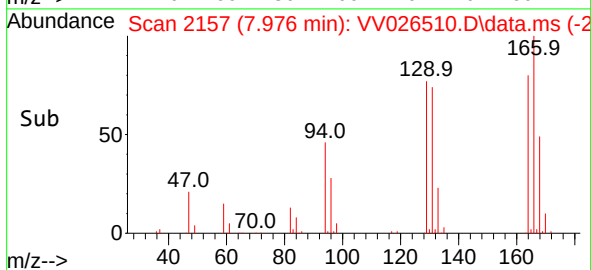
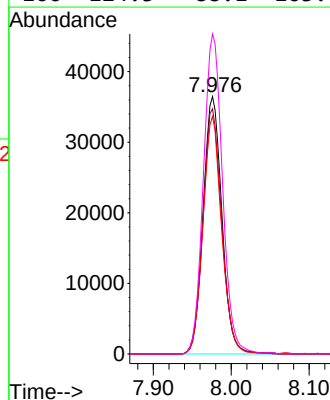
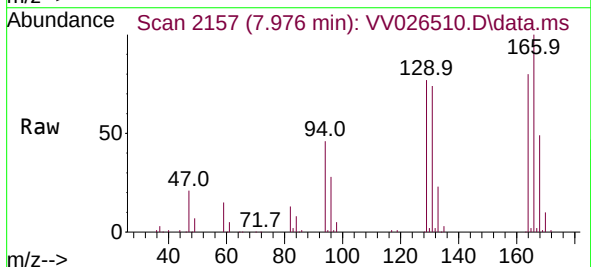
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.4	80.6
83	85.7	58.0	107.8
85	56.8	36.2	67.2

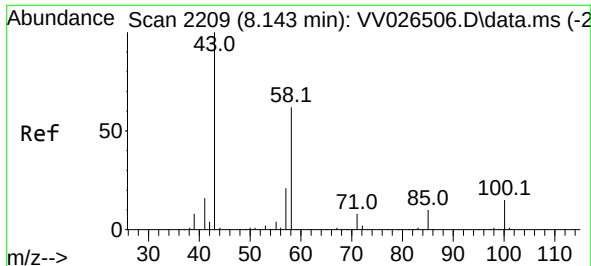


#47
Tetrachloroethene
Concen: 4.888 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 164 Resp: 61031

Ion	Ratio	Lower	Upper
164	100		
129	95.2	66.4	123.2
131	92.3	64.4	119.6
166	124.3	88.1	163.7



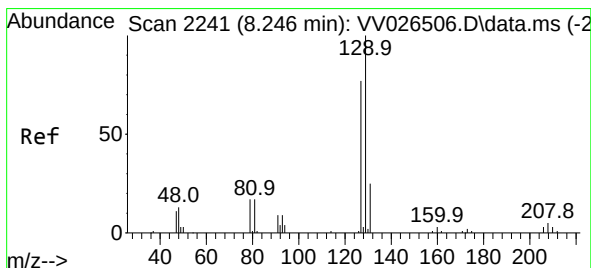
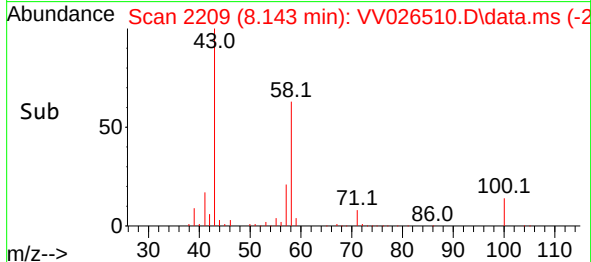
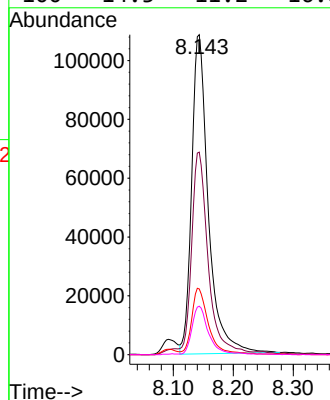
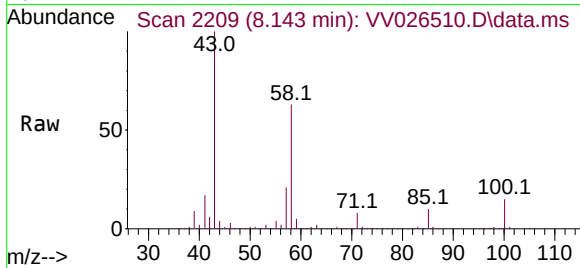


#48
2-Hexanone
Concen: 62.051 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

Tgt Ion: 43 Resp: 209774

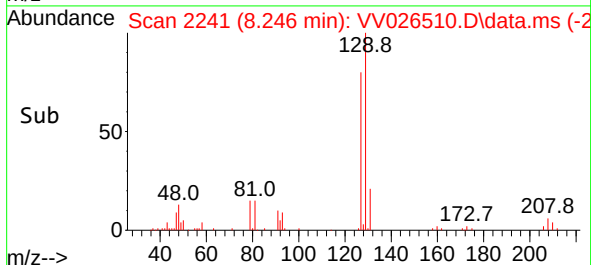
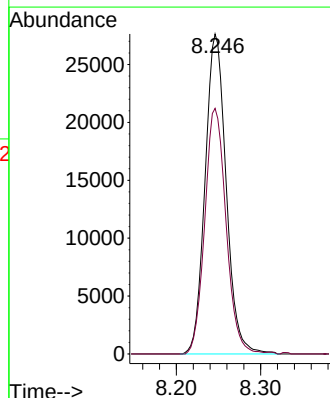
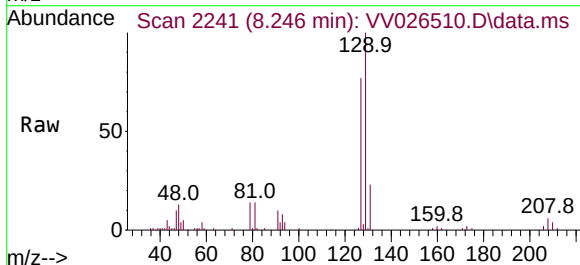
Ion	Ratio	Lower	Upper
43	100		
58	64.6	47.8	71.6
57	20.7	15.0	22.6
100	14.3	11.2	16.8

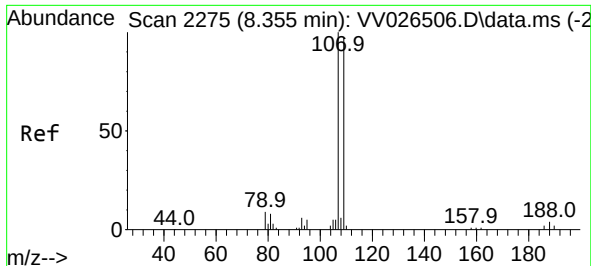


#49
Dibromochloromethane
Concen: 5.236 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 129 Resp: 48069

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.378 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005333

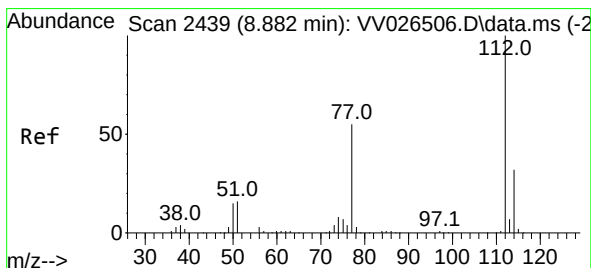
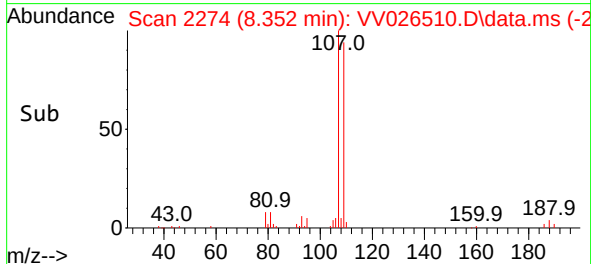
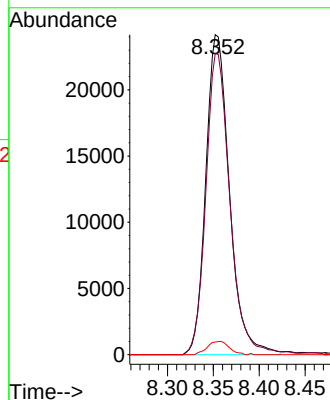
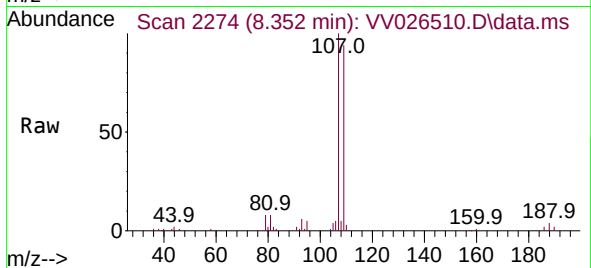
Tgt Ion:107 Resp: 43358

Ion Ratio Lower Upper

107 100

109 94.1 67.8 125.8

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 5.064 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

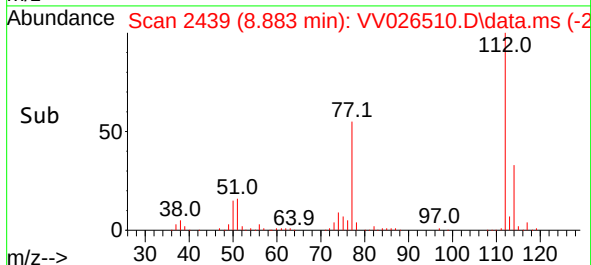
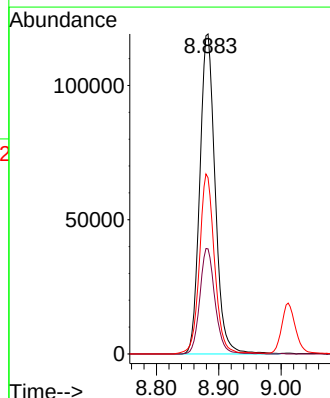
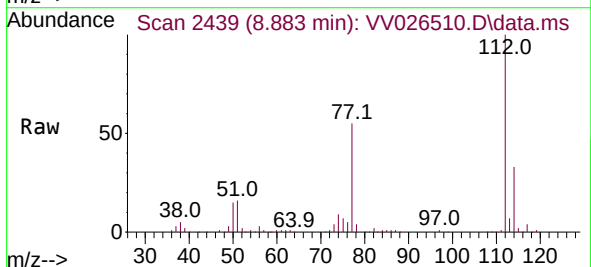
Tgt Ion:112 Resp: 204287

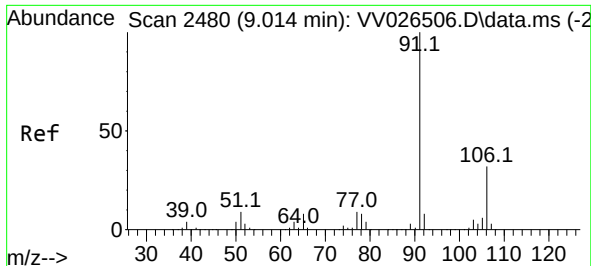
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

77 55.0 44.4 66.6

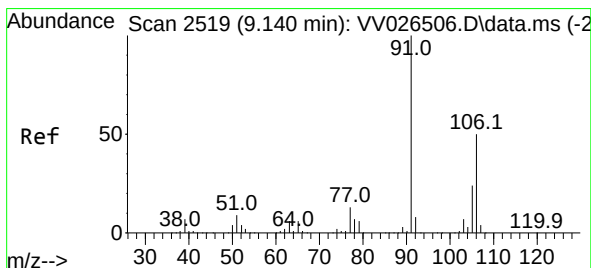
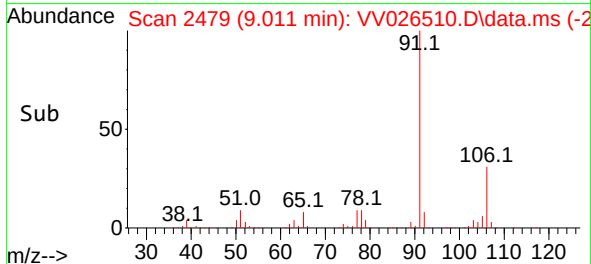
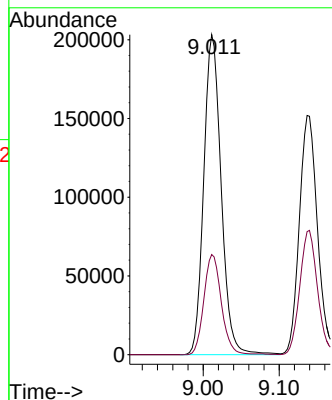
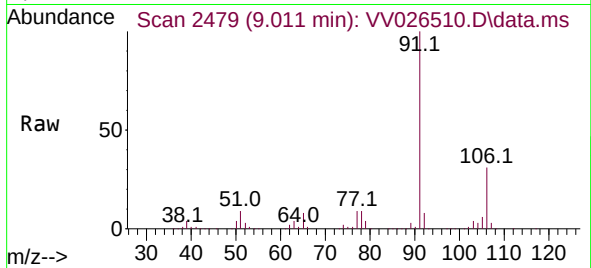




#52
Ethylbenzene
Concen: 5.080 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

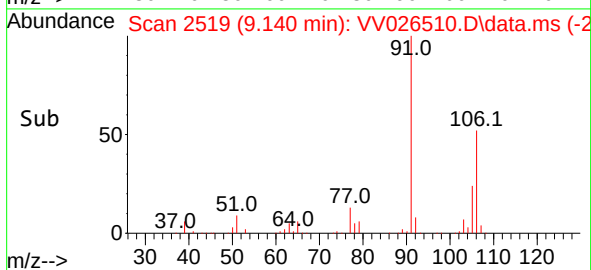
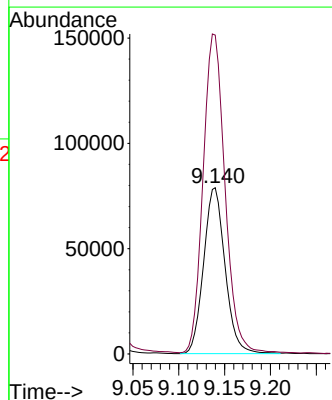
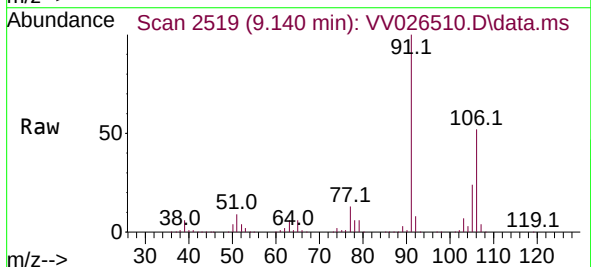
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

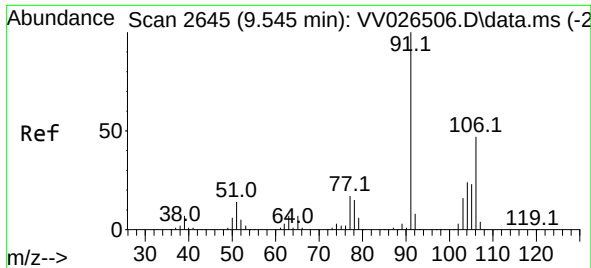
Tgt Ion: 91 Resp: 323559
Ion Ratio Lower Upper
91 100
106 31.3 22.1 41.1



#53
m,p-Xylene
Concen: 5.163 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 106 Resp: 128273
Ion Ratio Lower Upper
106 100
91 191.9 139.9 259.9

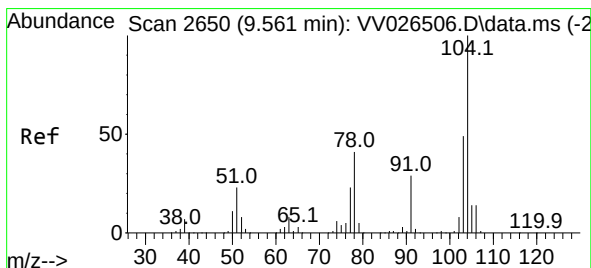
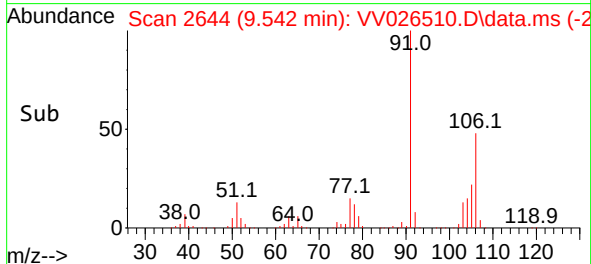
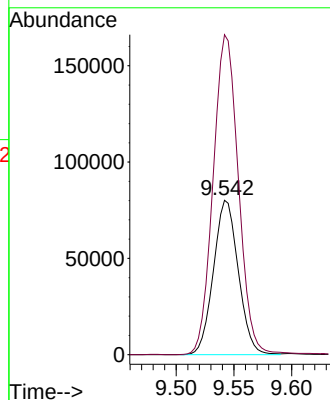
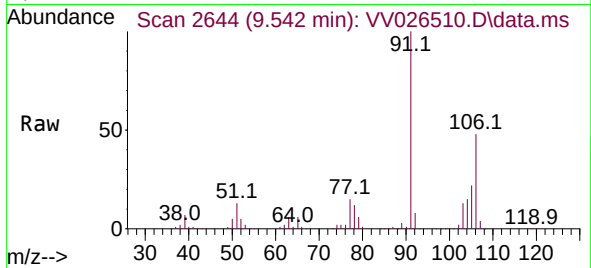




#54
o-Xylene
Concen: 5.144 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

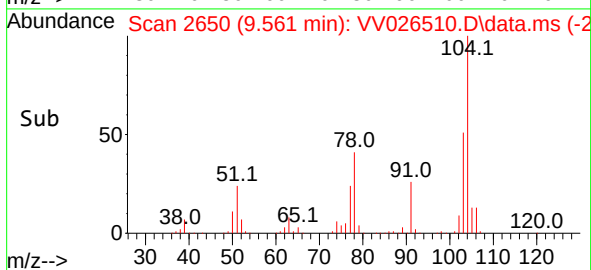
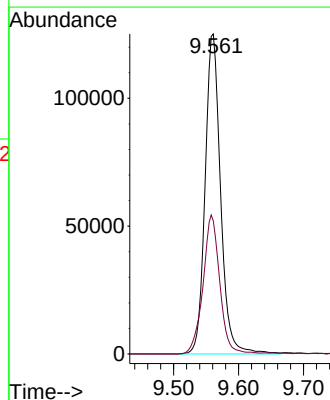
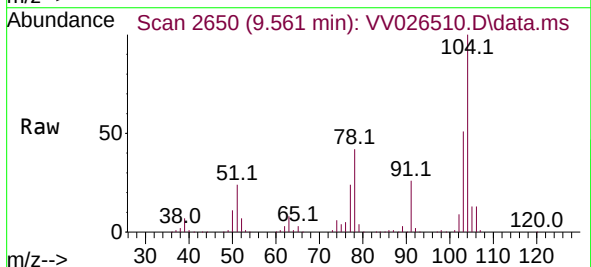
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

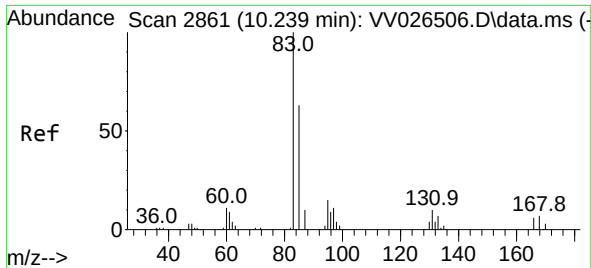
Tgt Ion:106 Resp: 119978
Ion Ratio Lower Upper
106 100
91 207.2 147.5 273.9



#55
Styrene
Concen: 5.390 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion:104 Resp: 208200
Ion Ratio Lower Upper
104 100
78 41.6 28.4 52.8

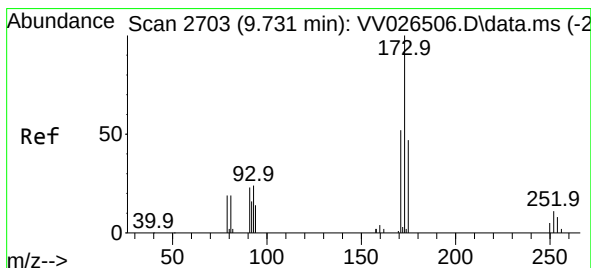
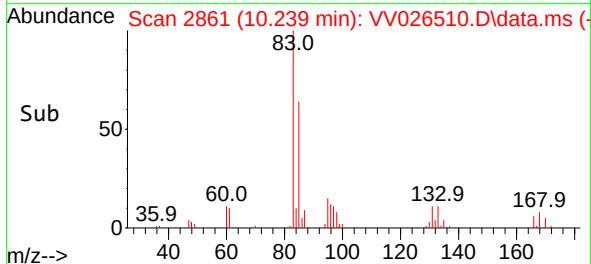
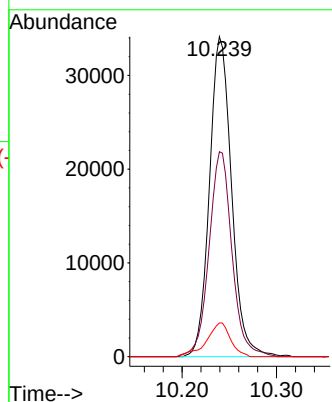
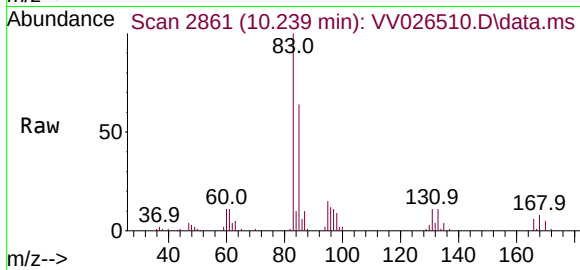




#57
1,1,2,2-Tetrachloroethane
Concen: 5.473 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

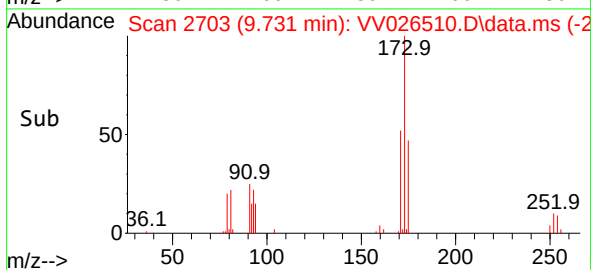
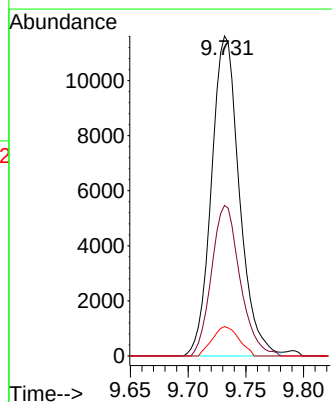
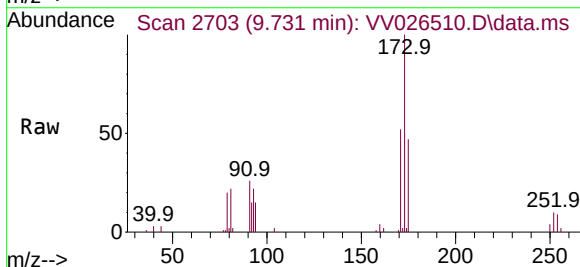
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

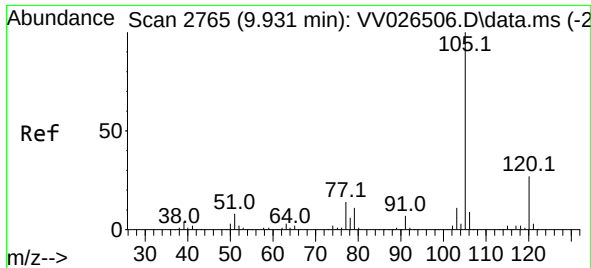
Tgt Ion: 83 Resp: 55416
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
131 10.6 8.0 12.0



#59
Bromoform
Concen: 4.971 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 173 Resp: 19524
Ion Ratio Lower Upper
173 100
175 48.0 37.9 56.9
254 8.7 6.3 9.5

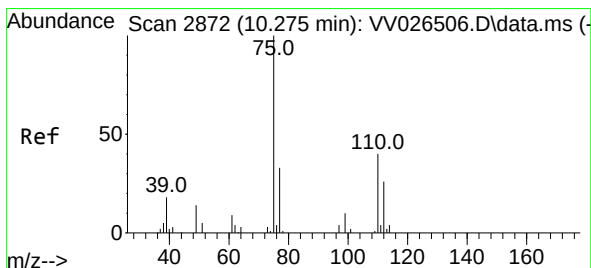
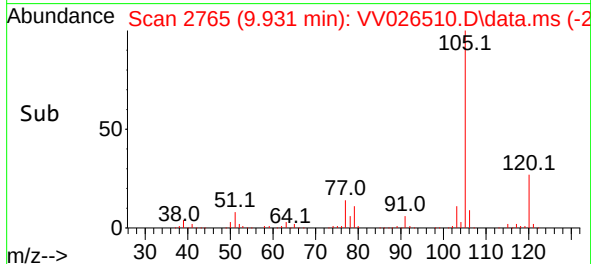
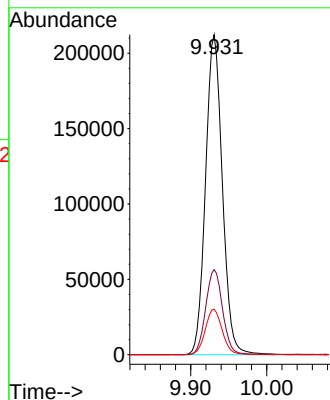
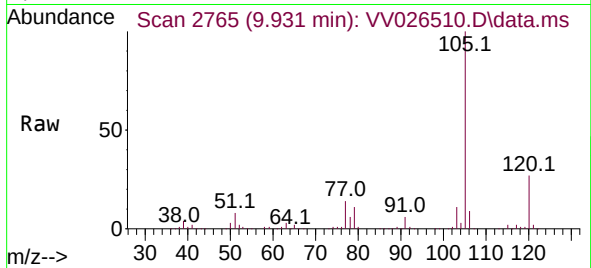




#60
Isopropylbenzene
Concen: 4.956 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

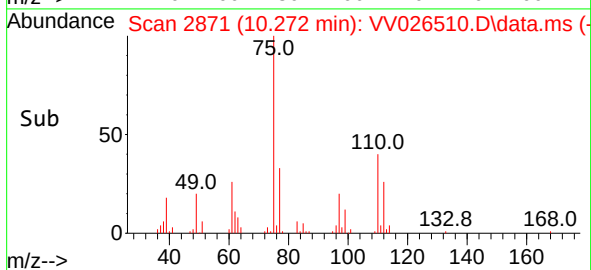
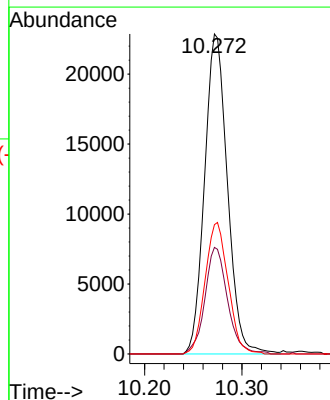
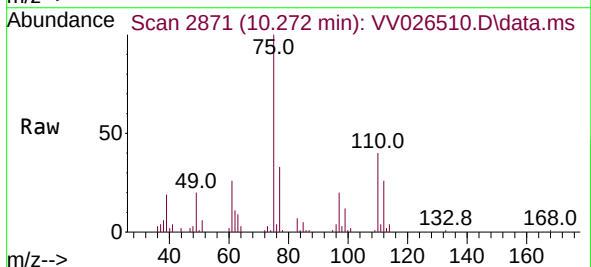
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

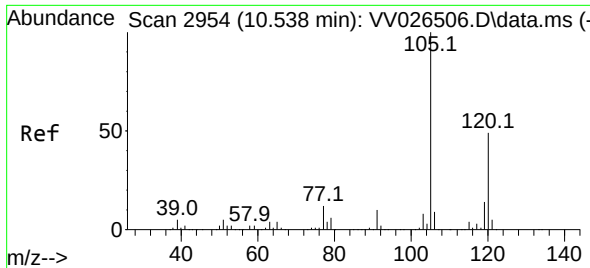
Tgt Ion:105 Resp: 325781
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.4 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.408 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion: 75 Resp: 37320
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.6
110 41.3 32.5 48.7

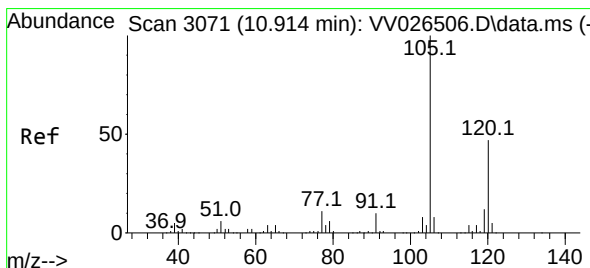
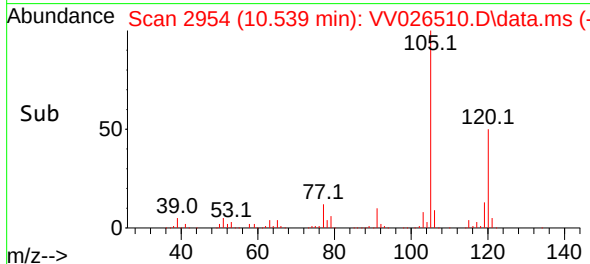
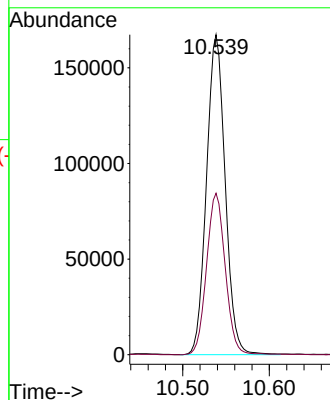
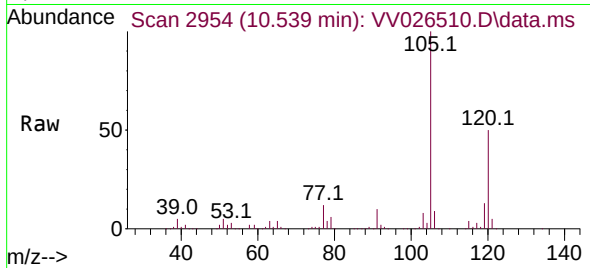




#62
 1,3,5-Trimethylbenzene
 Concen: 4.828 ug/L
 RT: 10.539 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

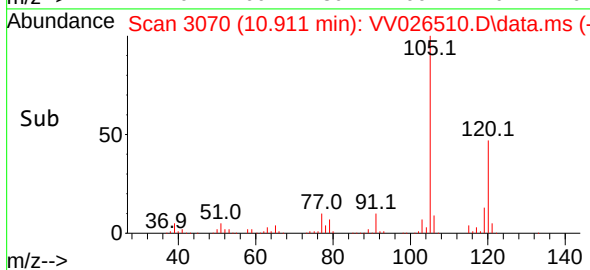
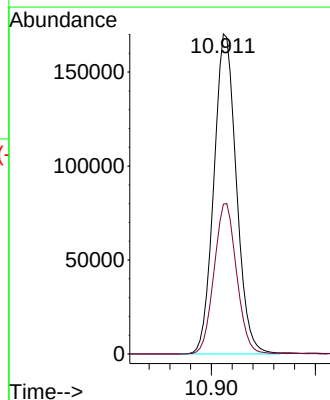
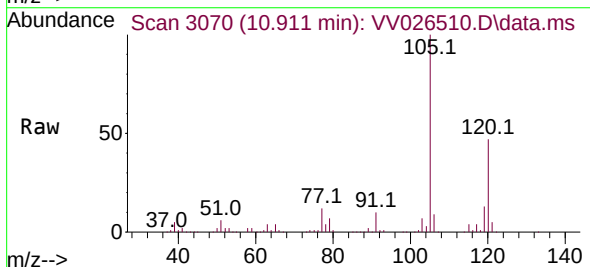
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

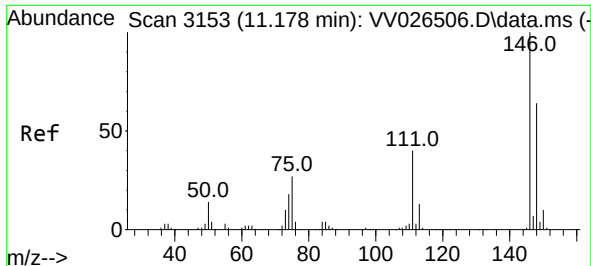
Tgt Ion:105 Resp: 250857
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.005 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026510.D
 Acq: 23 Jun 2022 13:02

Tgt Ion:105 Resp: 256429
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.4 56.2

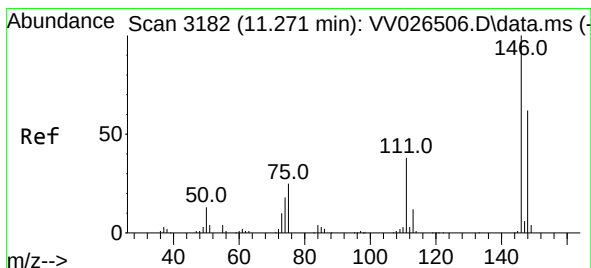
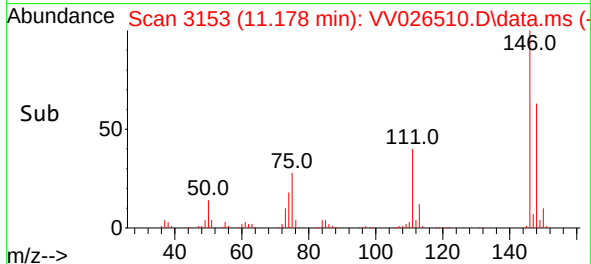
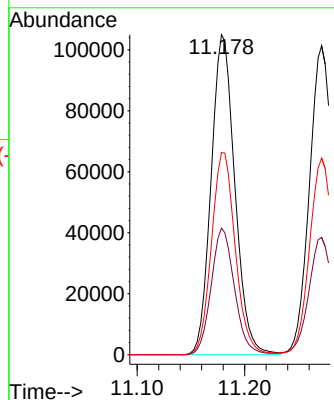
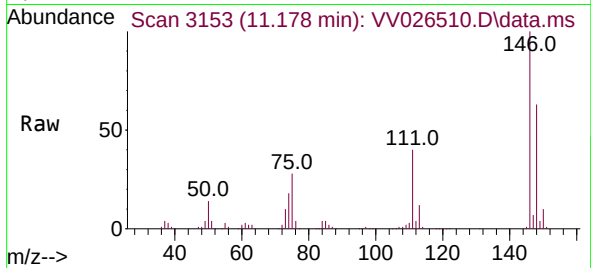




#64
1,3-Dichlorobenzene
Concen: 5.029 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

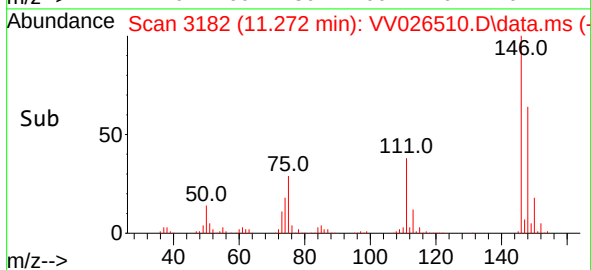
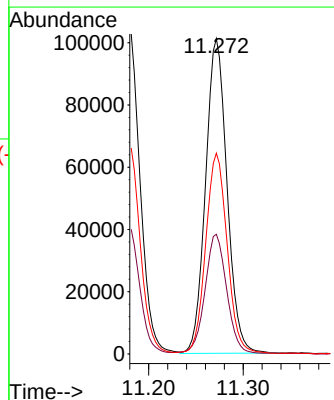
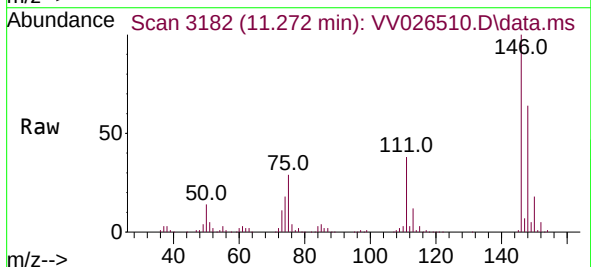
Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

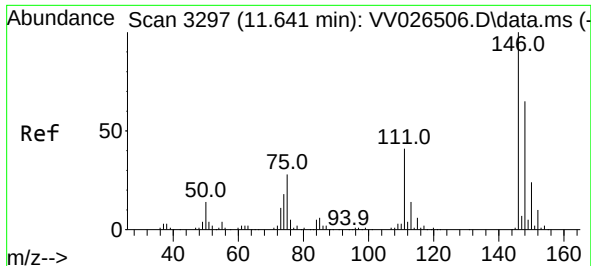
Tgt Ion:146 Resp: 160776
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.7
148 63.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion:146 Resp: 159383
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 63.7 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 5.131 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005333

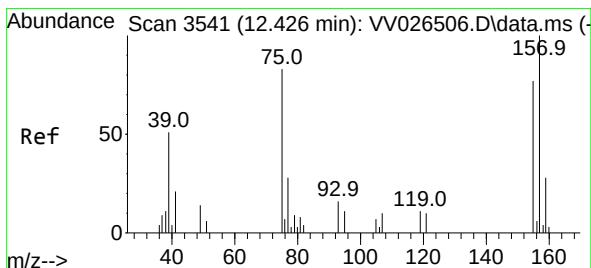
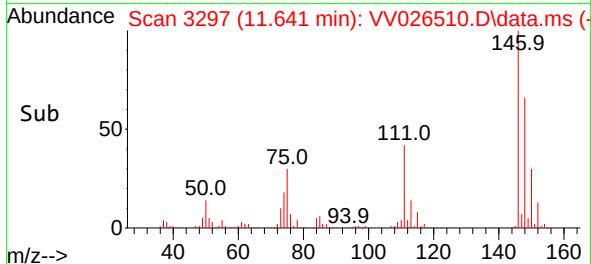
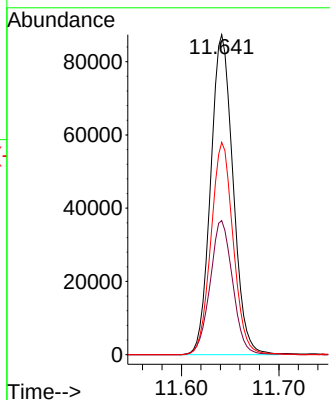
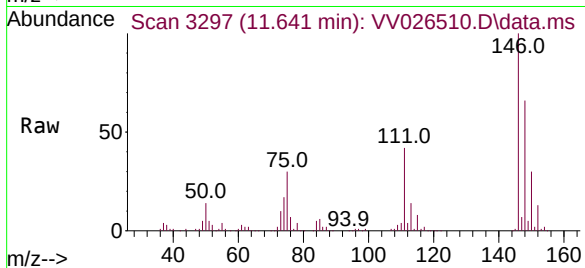
Tgt Ion:146 Resp: 139579

Ion Ratio Lower Upper

146 100

111 41.9 32.8 49.2

148 66.4 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.614 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

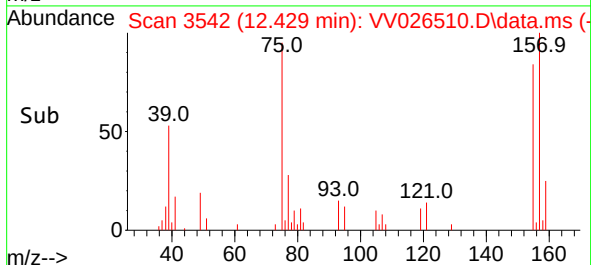
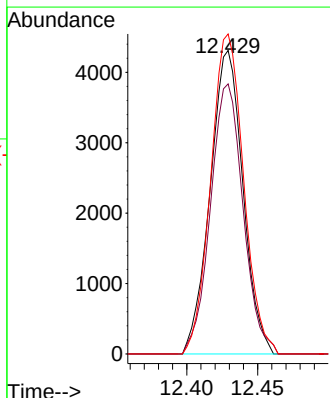
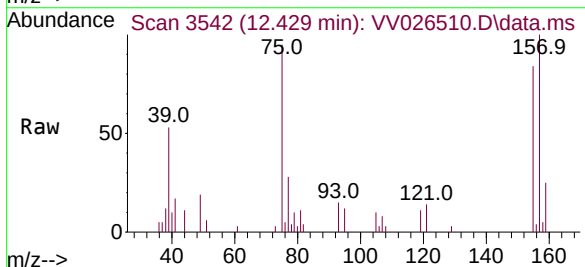
Tgt Ion: 75 Resp: 6949

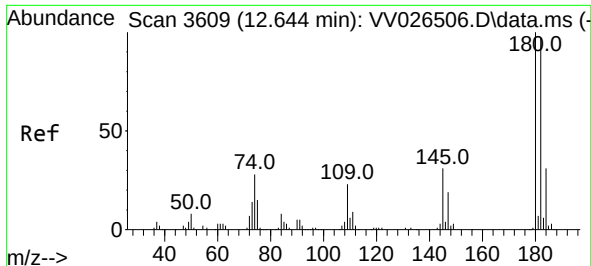
Ion Ratio Lower Upper

75 100

155 89.0 74.7 112.1

157 105.5 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 5.063 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005333

Tgt Ion:180 Resp: 116390

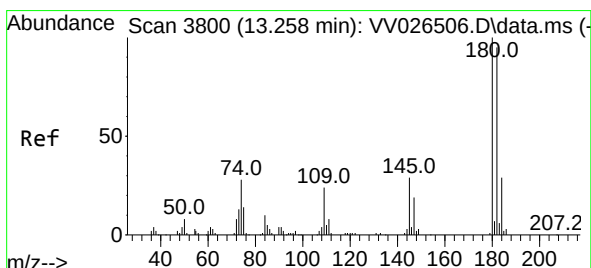
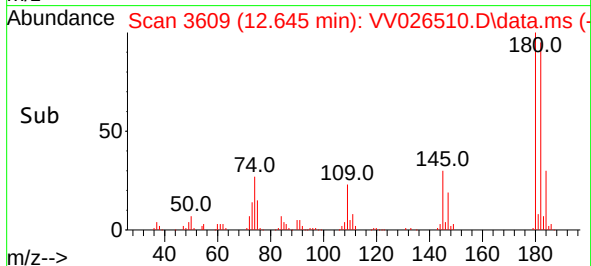
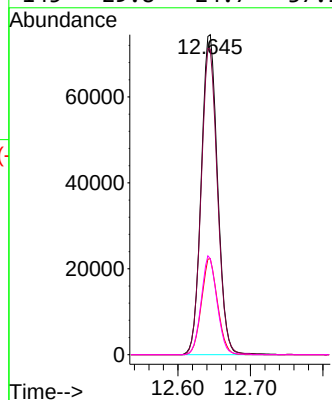
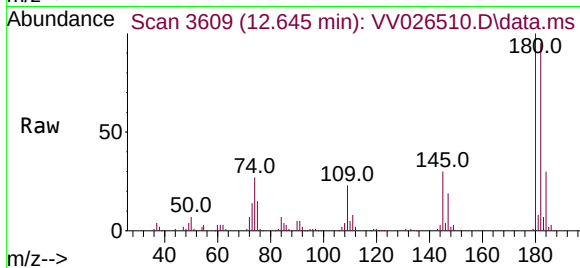
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

184 29.5 24.1 36.1

145 29.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 5.477 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026510.D

Acq: 23 Jun 2022 13:02

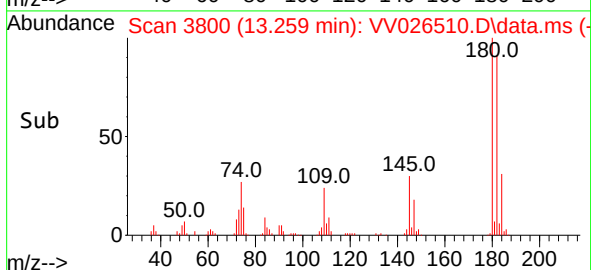
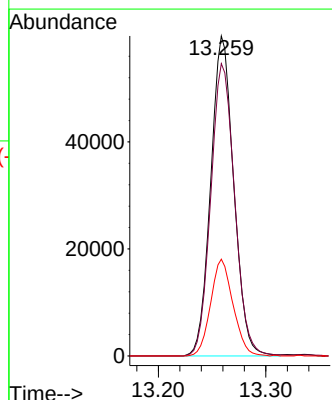
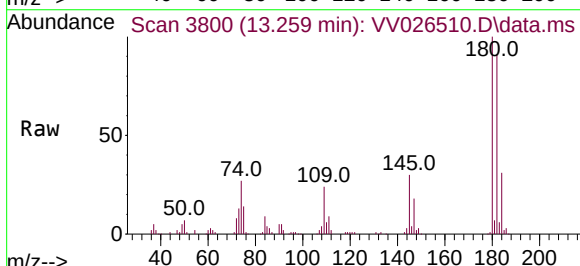
Tgt Ion:180 Resp: 88905

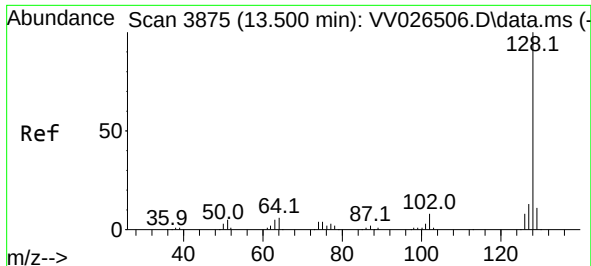
Ion Ratio Lower Upper

180 100

182 94.4 75.2 112.8

145 29.4 24.4 36.6

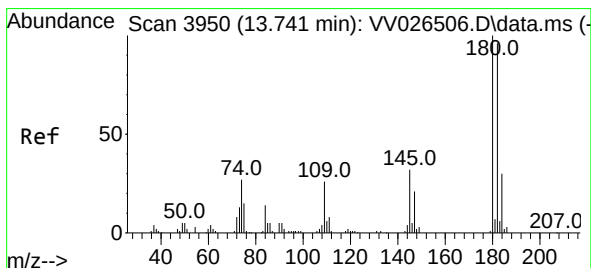
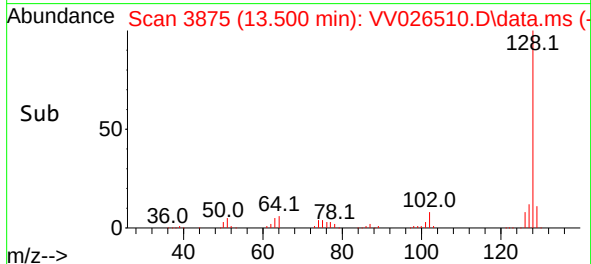
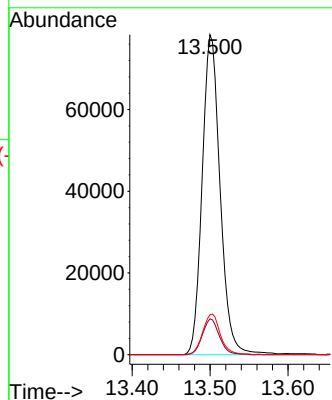
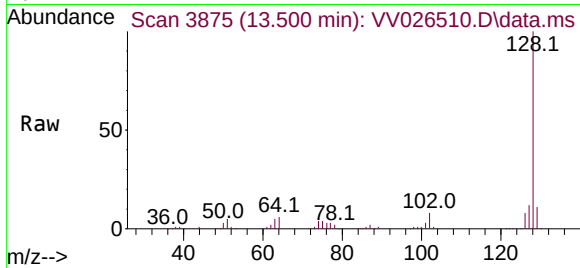




#71
Naphthalene
Concen: 5.915 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005333

Tgt Ion:128 Resp: 125281
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.703 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026510.D
Acq: 23 Jun 2022 13:02

Tgt Ion:180 Resp: 75768
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 32.8 25.8 38.6

