

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026046.D
 Acq On : 09 Jun 2022 09:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

Quant Time: Jun 10 02:42:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	173273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51240	5.038	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.580	69	54528	5.128	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.600%		
11) 1,1-Dichloroethene-d2	2.121	63	113850	4.846	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.000%		
20) 2-Butanone-d5	3.911	46	67124	44.619	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.240%		
24) Chloroform-d	4.358	84	111516	5.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	5.040	65	45375	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
32) Benzene-d6	5.056	84	203213	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
36) 1,2-Dichloropropane-d6	6.072	67	62824	5.111	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.200%		
41) Toluene-d8	7.316	98	181333	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
43) trans-1,3-Dichloroprop...	7.625	79	15454	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 85.400%		
46) 2-Hexanone-d5	8.091	63	68246	42.850	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 85.700%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	39994	4.825	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	58631	4.792	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 95.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	77678	4.555	ug/L	100
3) Chloromethane	1.252	50	100946	5.286	ug/L	98
5) Vinyl chloride	1.323	62	95212	4.775	ug/L	97
6) Bromomethane	1.535	94	55616	4.812	ug/L	99
8) Chloroethane	1.596	64	62262	5.077	ug/L	99
9) Trichlorofluoromethane	1.764	101	117585	4.626	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	61512	4.247	ug/L	98
12) 1,1-Dichloroethene	2.130	96	66133	4.744	ug/L	97
13) Acetone	2.195	43	43837	36.537	ug/L	83
14) Carbon disulfide	2.304	76	174966	4.400	ug/L	100
15) Methyl Acetate	2.449	43	11965	3.051	ug/L #	67
16) Methylene chloride	2.516	84	66683	4.802	ug/L	97
17) Methyl tert-butyl Ether	2.780	73	106728	4.717	ug/L	100
18) trans-1,2-Dichloroethene	2.770	96	60835	4.628	ug/L	99
19) 1,1-Dichloroethane	3.201	63	119418	4.995	ug/L	99
21) 2-Butanone	3.992	43	62285	39.854	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	61994	4.785	ug/L	95
23) Bromochloromethane	4.259	128	26392	4.846	ug/L	96
25) Chloroform	4.381	83	122384	4.987	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

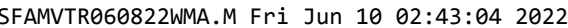
Instrument :
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 ClientSampleId :
 VSTD005300

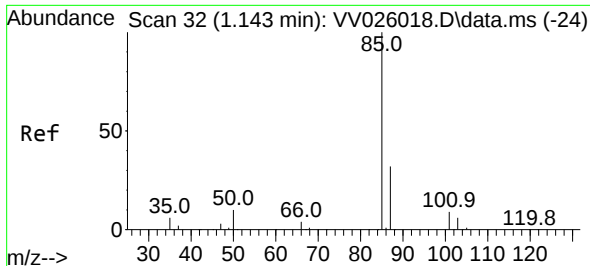
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	58315	4.806	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	101653	4.711	ug/L	99
30) Cyclohexane	4.683	56	77298	4.119	ug/L	96
31) Carbon tetrachloride	4.831	117	83616	4.719	ug/L	98
33) Benzene	5.104	78	253679	4.909	ug/L	100
34) Trichloroethene	5.918	95	61054	4.522	ug/L	97
35) Methylcyclohexane	6.133	83	79795	3.834	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59745	4.771	ug/L	99
38) Bromodichloromethane	6.513	83	74401	4.918	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	61532	3.987	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	251348	49.130	ug/L	99
42) Toluene	7.387	91	259501	4.806	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	50744	4.197	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	40903	5.030	ug/L	98
47) Tetrachloroethene	7.976	164	44779	4.285	ug/L	98
48) 2-Hexanone	8.140	43	179099	49.319	ug/L	99
49) Dibromochloromethane	8.246	129	42633	4.802	ug/L	98
50) 1,2-Dibromoethane	8.352	107	34930	4.827	ug/L	98
51) Chlorobenzene	8.879	112	153402	4.365	ug/L	97
52) Ethylbenzene	9.011	91	243838	4.309	ug/L	99
53) m,p-Xylene	9.136	106	96421	4.408	ug/L	96
54) o-Xylene	9.541	106	90807	4.367	ug/L	97
55) Styrene	9.561	104	157170	4.512	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	37967	4.361	ug/L	96
59) Bromoform	9.731	173	18417	4.909	ug/L	99
60) Isopropylbenzene	9.931	105	237970	4.477	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30963	4.960	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	176093	4.184	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	176072	4.201	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	111719	4.425	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	111247	4.327	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	98447	4.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5008	4.514	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	72116	3.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	50655	3.716	ug/L	97
71) Naphthalene	13.500	128	72127	3.724	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	44383	3.847	ug/L	98

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

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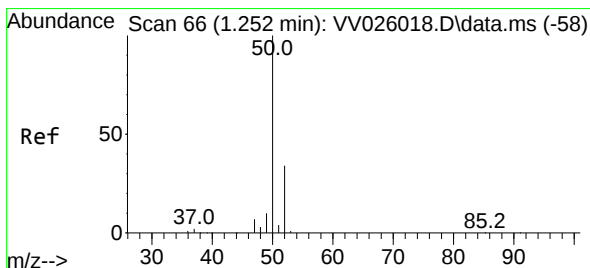
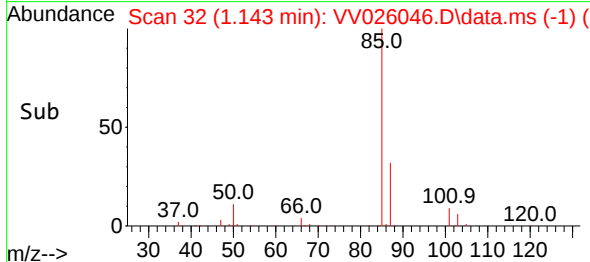
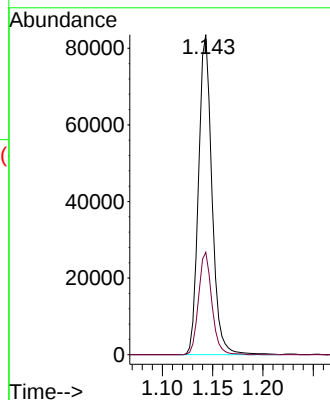
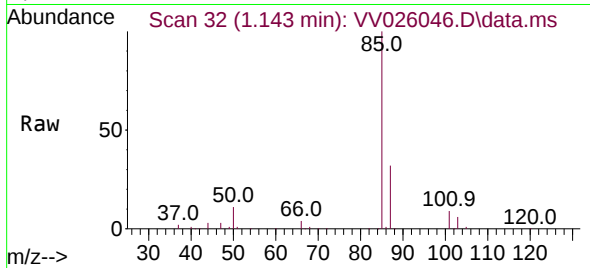




#2
 Dichlorodifluoromethane
 Concen: 4.555 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

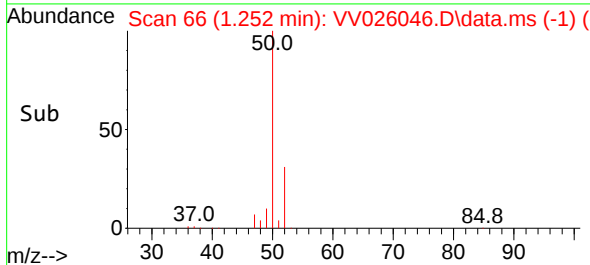
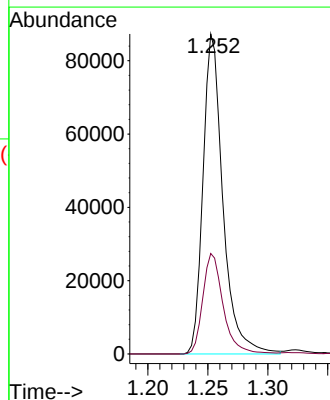
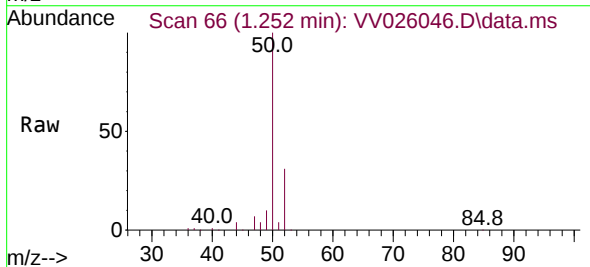
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 ClientSampleId :
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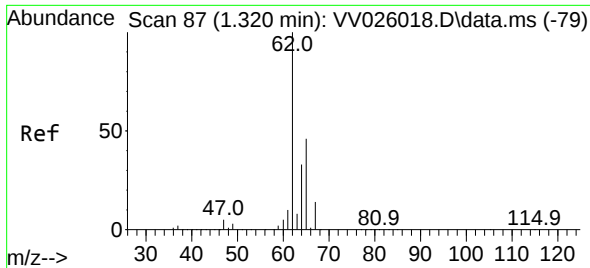
Tgt Ion: 85 Resp: 77678
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.3 37.9



#3
 Chloromethane
 Concen: 5.286 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

Tgt Ion: 50 Resp: 100946
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.0 42.6

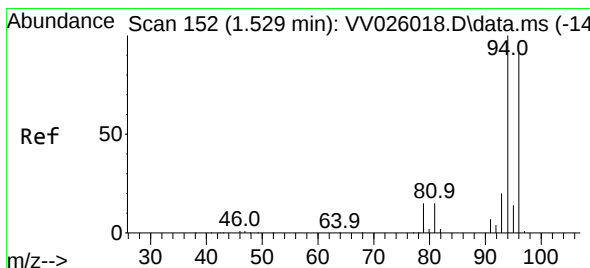
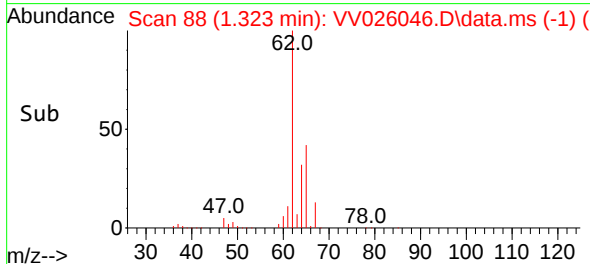
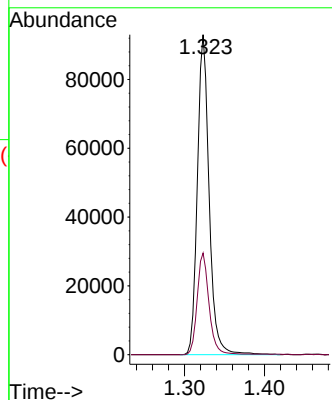
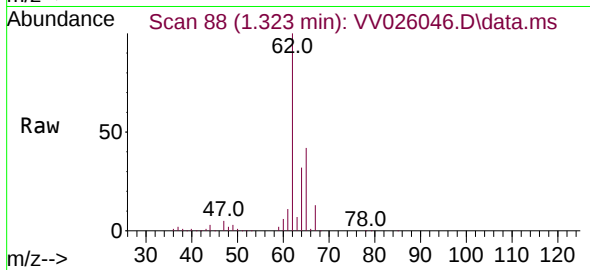




#5
 Vinyl chloride
 Concen: 4.775 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

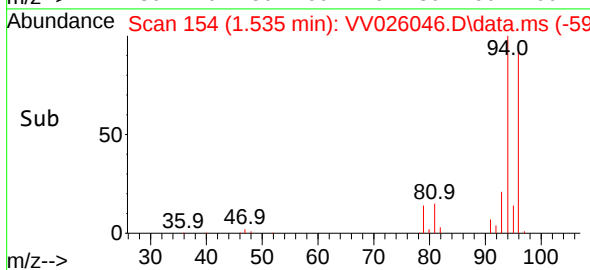
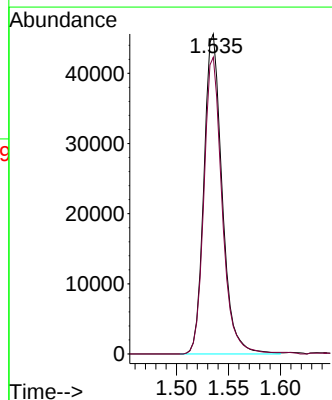
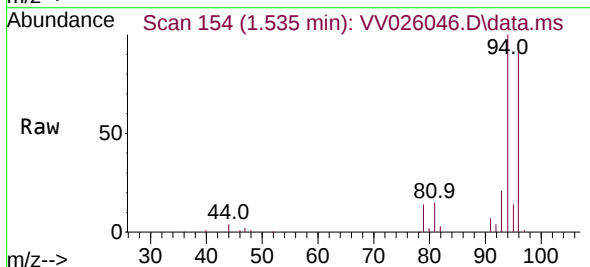
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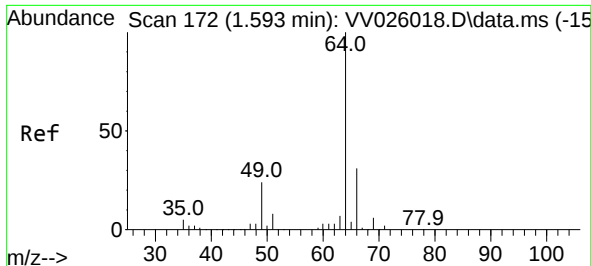
Tgt Ion: 62 Resp: 95212
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.4 43.4



#6
 Bromomethane
 Concen: 4.812 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. 0.006 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

Tgt Ion: 94 Resp: 55616
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.5 121.6





#8

Chloroethane

Concen: 5.077 ug/L

RT: 1.596 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

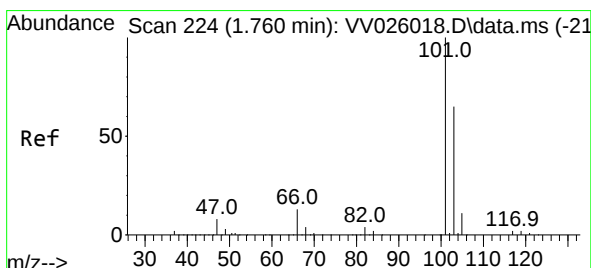
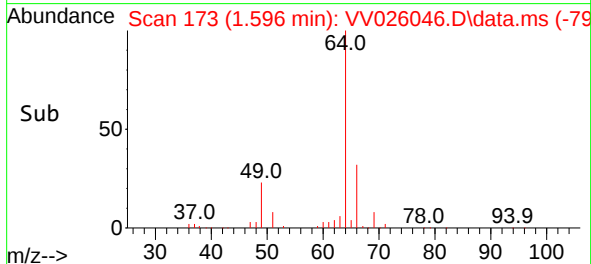
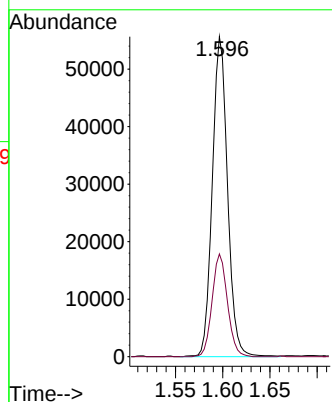
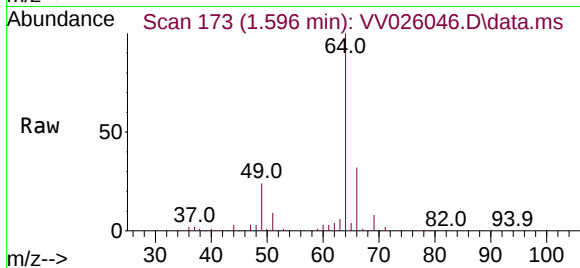
VSTD005300

Tgt Ion: 64 Resp: 62262

Ion Ratio Lower Upper

64 100

66 32.1 23.0 42.8



#9

Trichlorofluoromethane

Concen: 4.626 ug/L

RT: 1.764 min Scan# 225

Delta R.T. 0.003 min

Lab File: VV026046.D

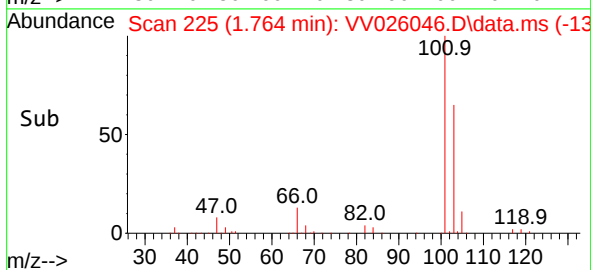
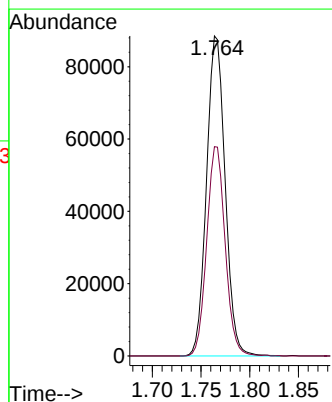
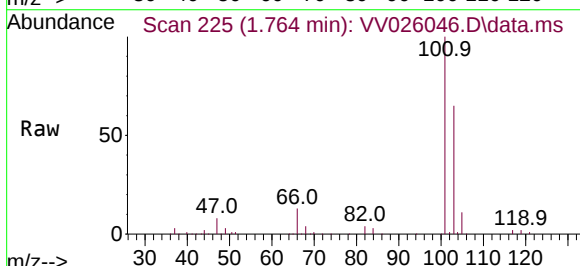
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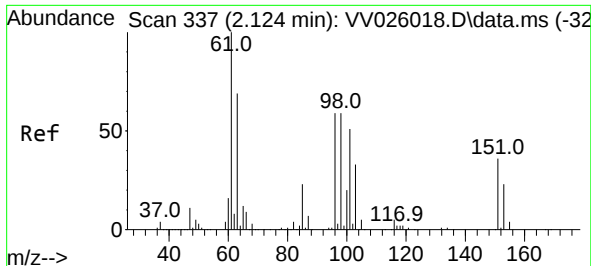
Tgt Ion:101 Resp: 117585

Ion Ratio Lower Upper

101 100

103 64.7 52.6 78.8

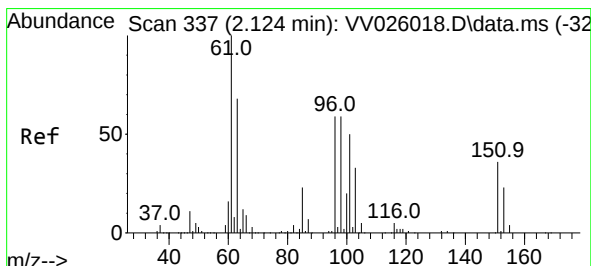
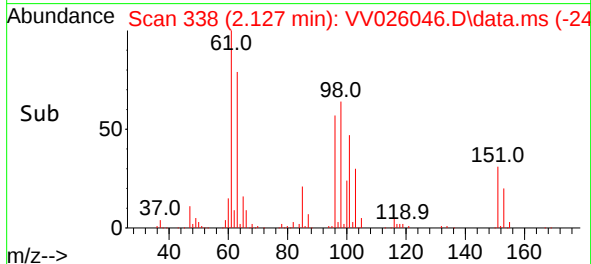
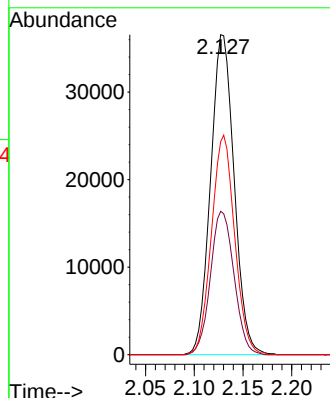
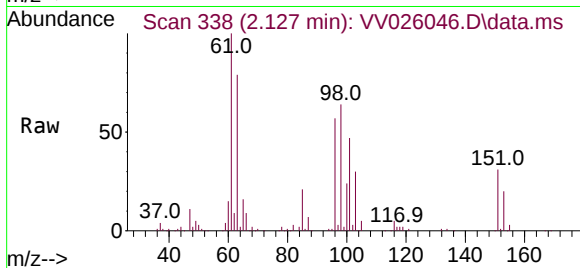




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.247 ug/L
RT: 2.127 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

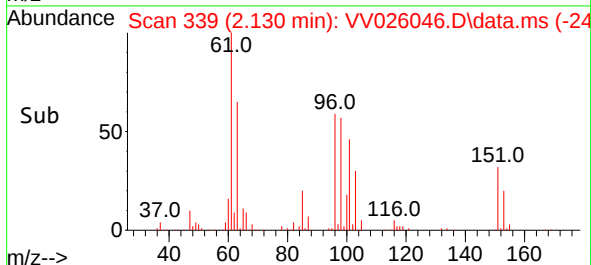
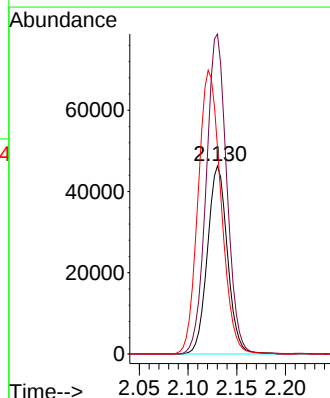
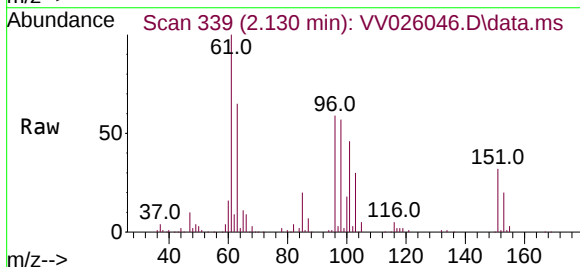
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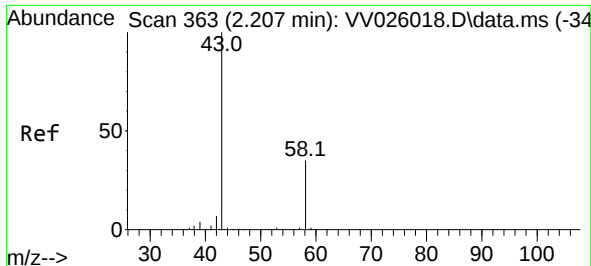
Tgt Ion:101 Resp: 61512
Ion Ratio Lower Upper
101 100
85 44.8 35.6 53.4
151 67.6 56.4 84.6



#12
1,1-Dichloroethene
Concen: 4.744 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.006 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 96 Resp: 66133
Ion Ratio Lower Upper
96 100
61 170.2 122.6 227.6
63 110.0 78.5 145.9





#13

Acetone

Concen: 36.537 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

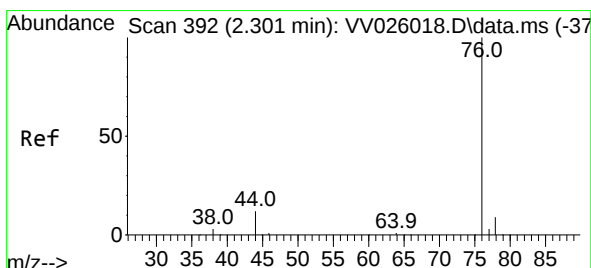
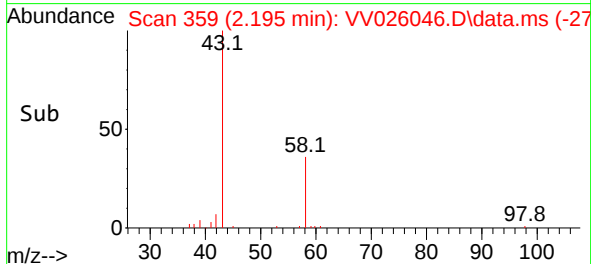
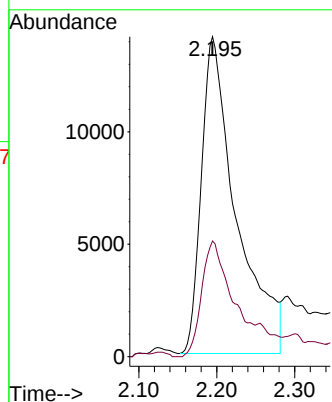
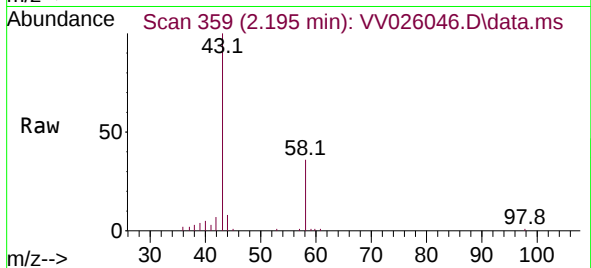
VSTD005300

Tgt Ion: 43 Resp: 43837

Ion Ratio Lower Upper

43 100

58 32.3 0.0 47.6



#14

Carbon disulfide

Concen: 4.400 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026046.D

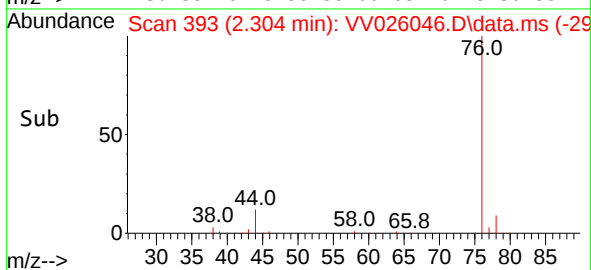
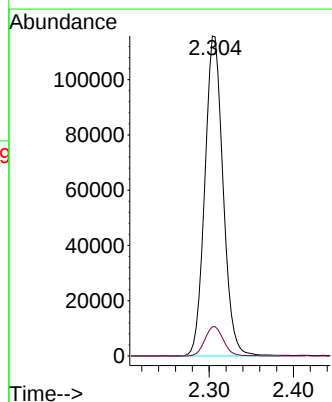
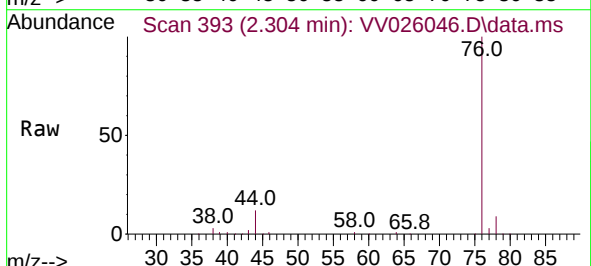
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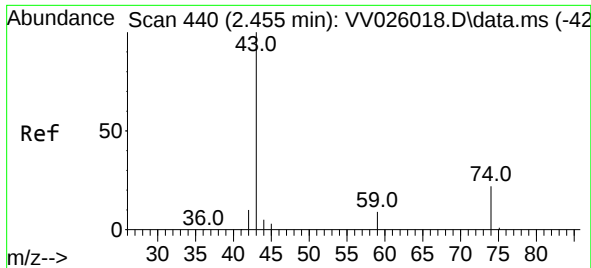
Tgt Ion: 76 Resp: 174966

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

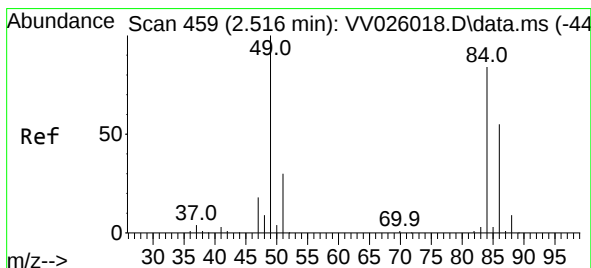
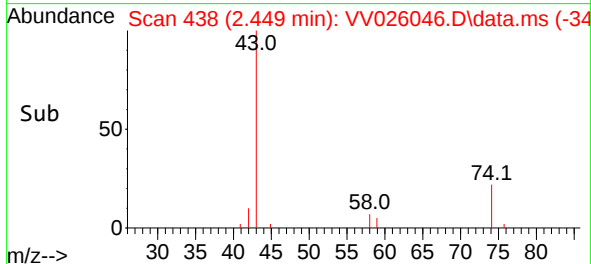
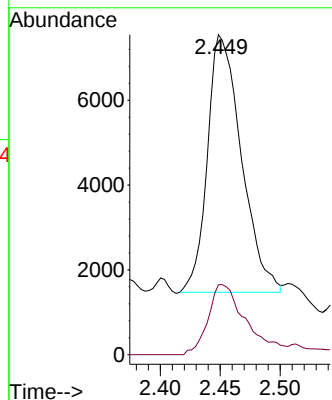
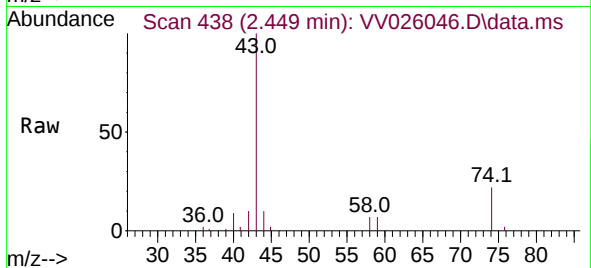




#15
Methyl Acetate
Concen: 3.051 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

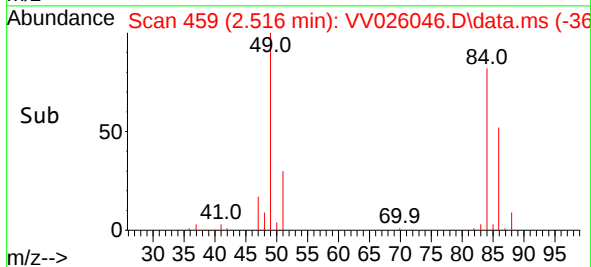
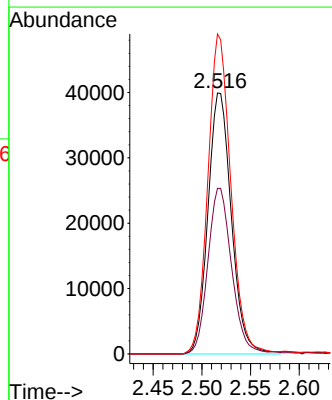
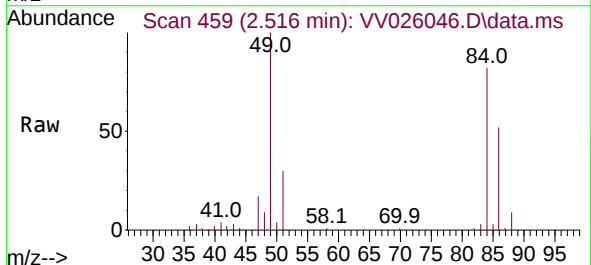
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

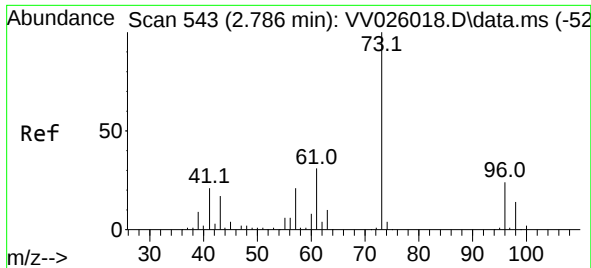
Tgt Ion: 43 Resp: 11965
Ion Ratio Lower Upper
43 100
74 30.6 13.3 19.9#



#16
Methylene chloride
Concen: 4.802 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 84 Resp: 66683
Ion Ratio Lower Upper
84 100
86 63.5 45.6 84.6
49 122.6 82.9 153.9

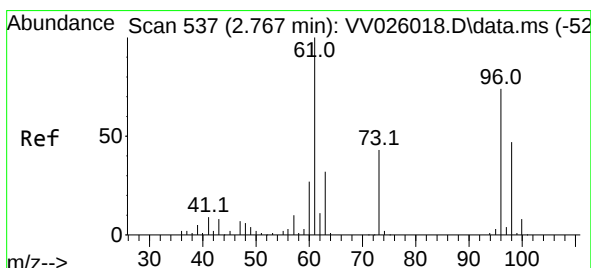
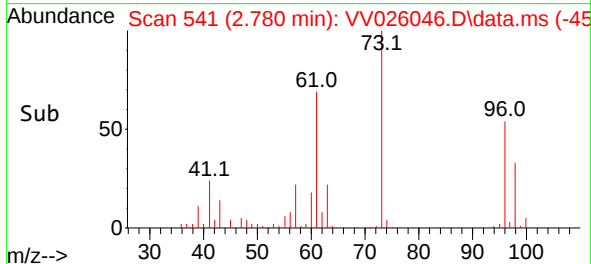
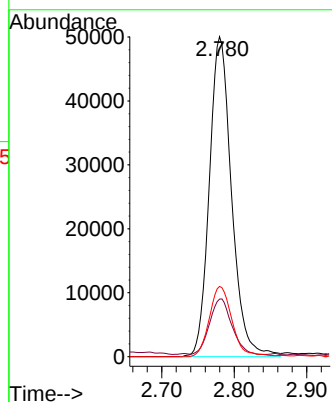
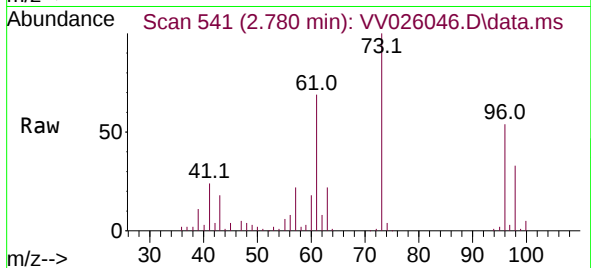




#17
Methyl tert-butyl Ether
Concen: 4.717 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.006 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

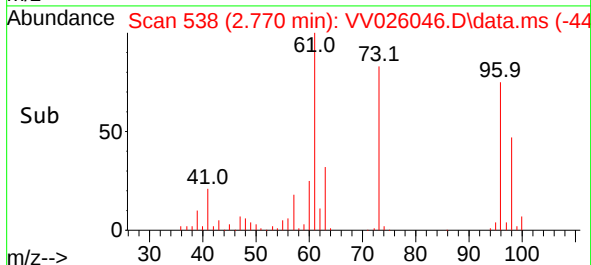
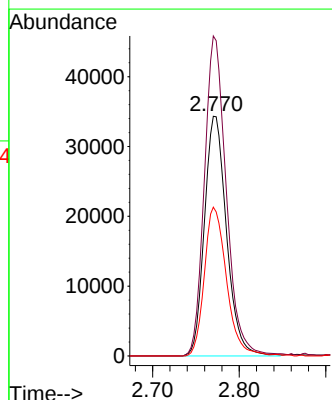
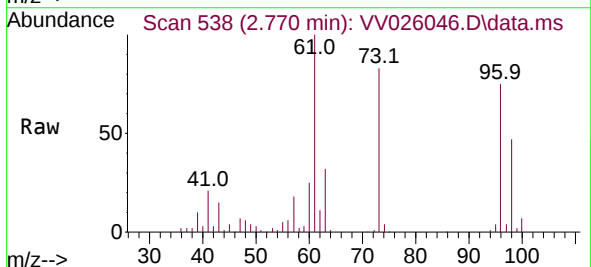
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

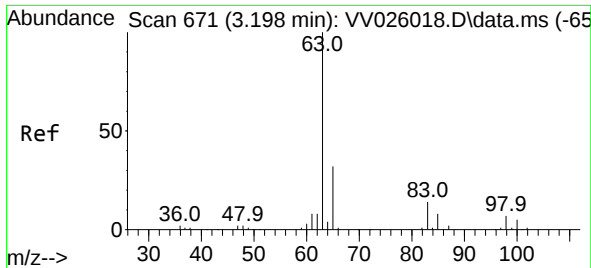
Tgt Ion: 73 Resp: 106728
Ion Ratio Lower Upper
73 100
43 17.3 13.7 20.5
57 22.4 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 4.628 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 96 Resp: 60835
Ion Ratio Lower Upper
96 100
61 133.5 94.3 175.1
98 62.1 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.995 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005300

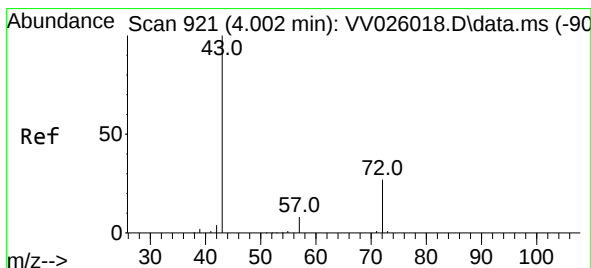
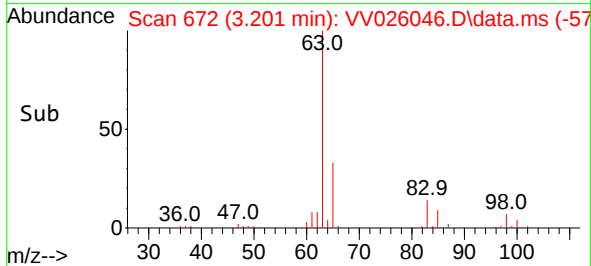
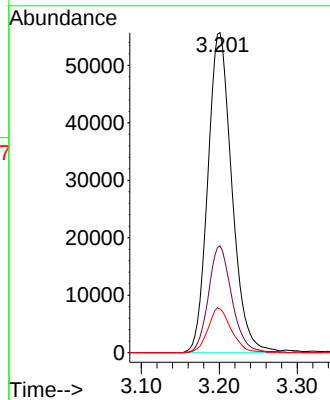
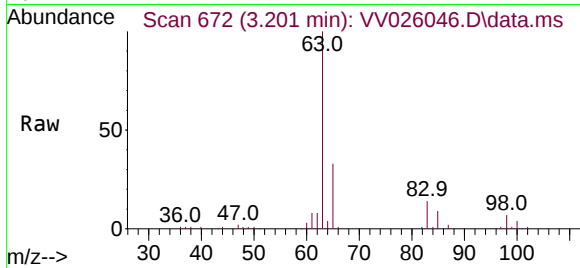
Tgt Ion: 63 Resp: 119418

Ion Ratio Lower Upper

63 100

65 33.3 23.1 42.9

83 13.7 9.7 18.1



#21

2-Butanone

Concen: 39.854 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.010 min

Lab File: VV026046.D

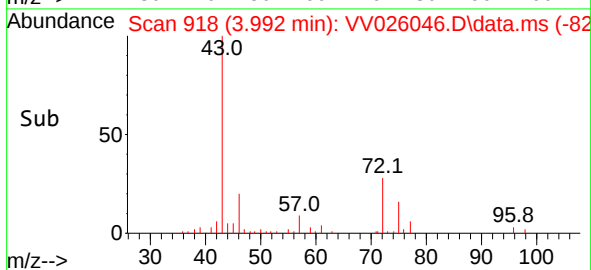
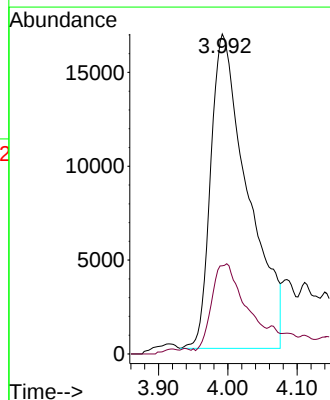
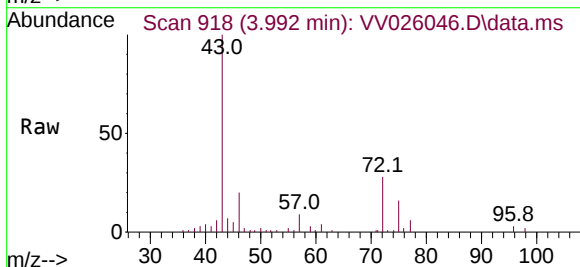
Acq: 09 Jun 2022 09:20

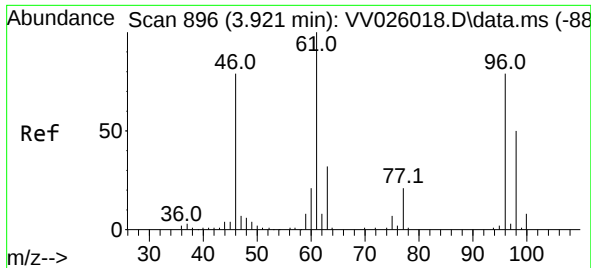
Tgt Ion: 43 Resp: 62285

Ion Ratio Lower Upper

43 100

72 24.8 11.9 35.7

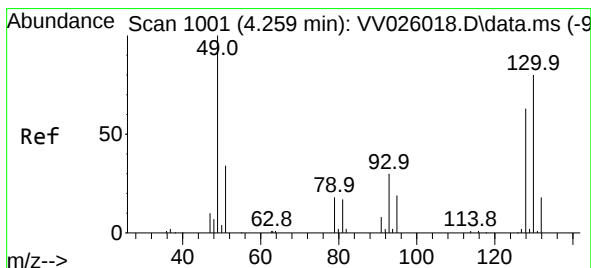
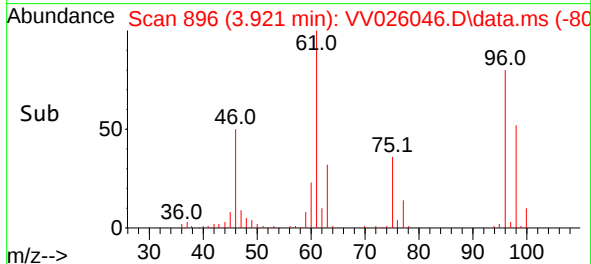
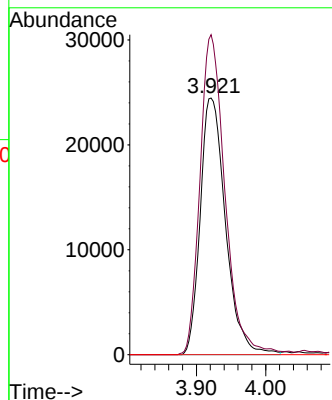
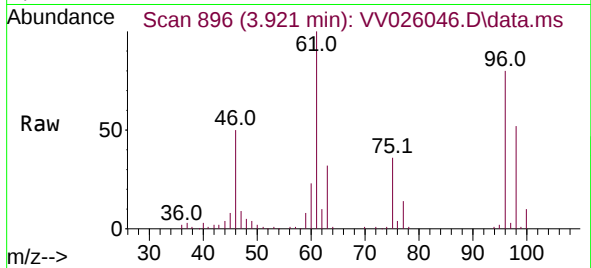




#22
 cis-1,2-Dichloroethene
 Concen: 4.785 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

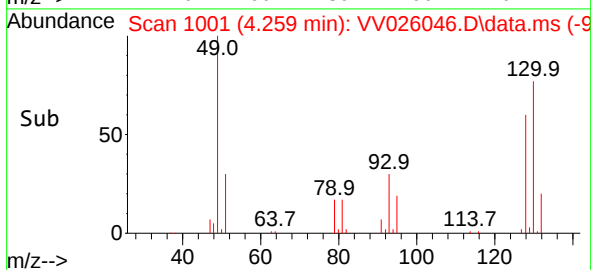
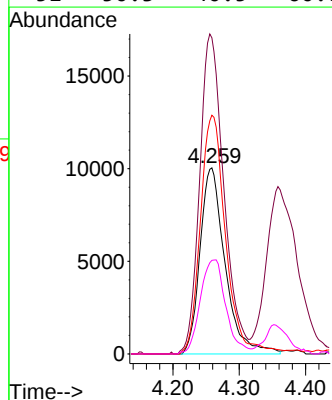
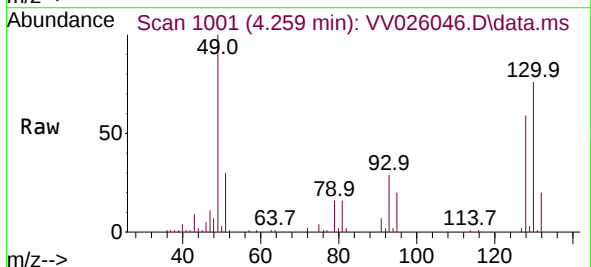
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

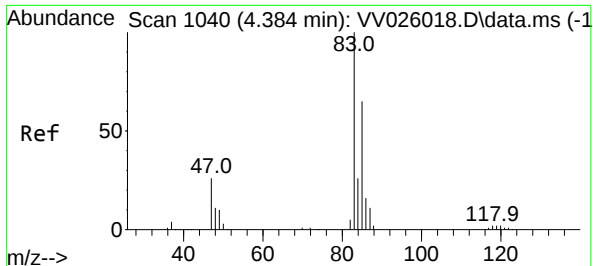
Tgt Ion: 96 Resp: 61994
 Ion Ratio Lower Upper
 96 100
 61 124.6 83.1 154.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.846 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

Tgt Ion: 128 Resp: 26392
 Ion Ratio Lower Upper
 128 100
 49 169.8 112.8 209.4
 130 128.3 87.4 162.4
 51 50.3 40.5 60.7





#25

Chloroform

Concen: 4.987 ug/L

RT: 4.381 min Scan# 1040

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

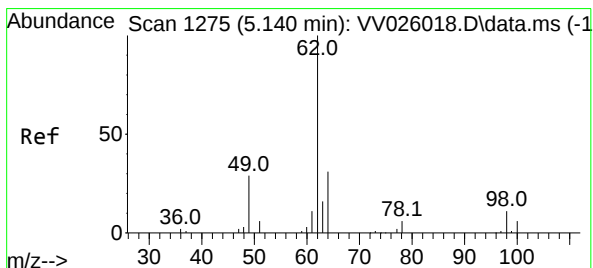
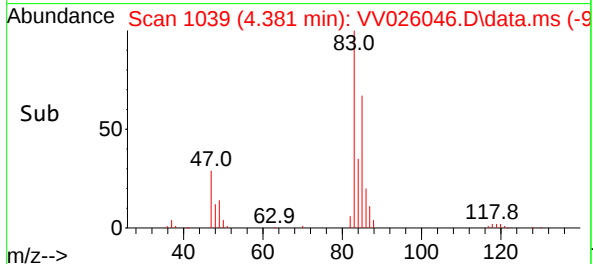
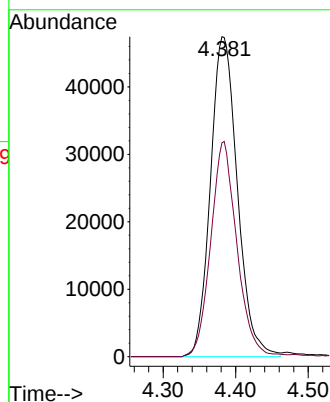
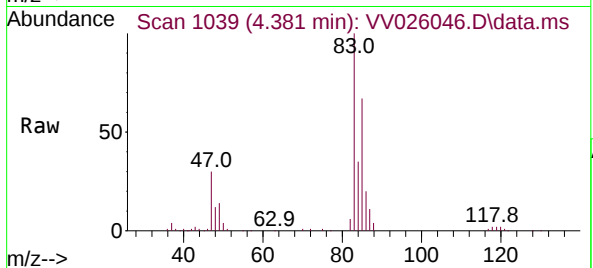
VSTD005300

Tgt Ion: 83 Resp: 122384

Ion Ratio Lower Upper

83 100

85 66.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.806 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.003 min

Lab File: VV026046.D

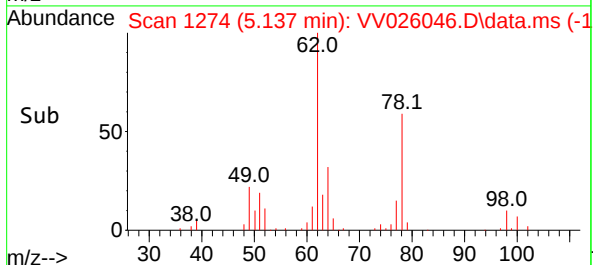
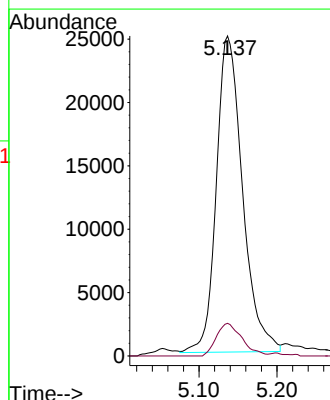
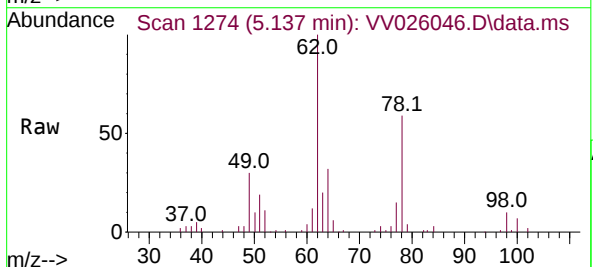
Acq: 09 Jun 2022 09:20

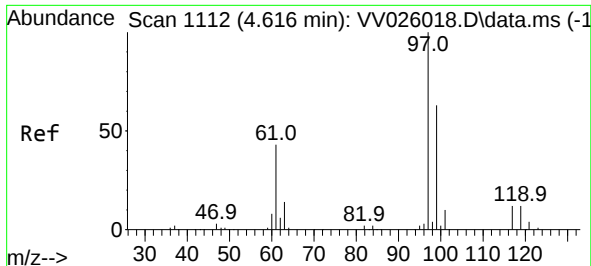
Tgt Ion: 62 Resp: 58315

Ion Ratio Lower Upper

62 100

98 10.2 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.711 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005300

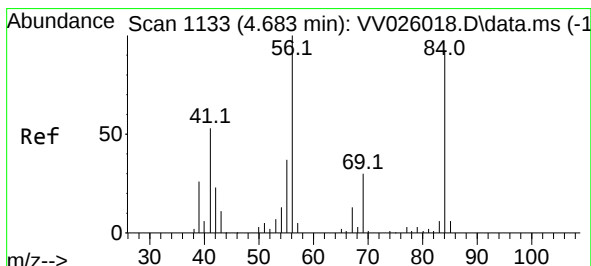
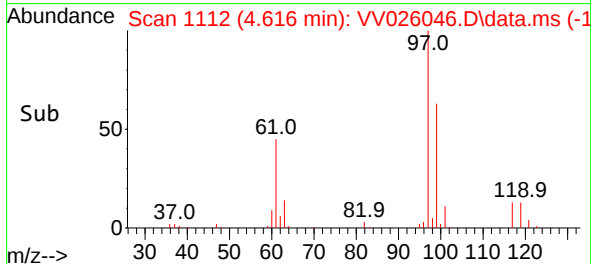
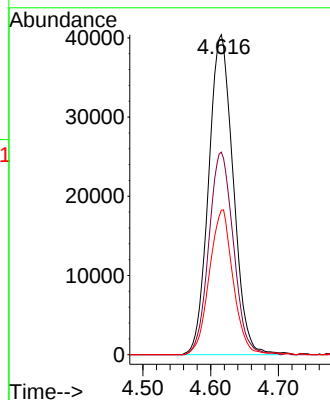
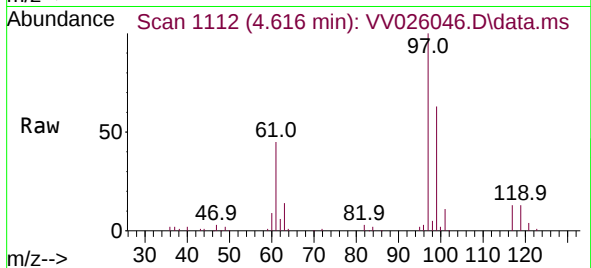
Tgt Ion: 97 Resp: 101653

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

61 43.7 34.9 52.3



#30

Cyclohexane

Concen: 4.119 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

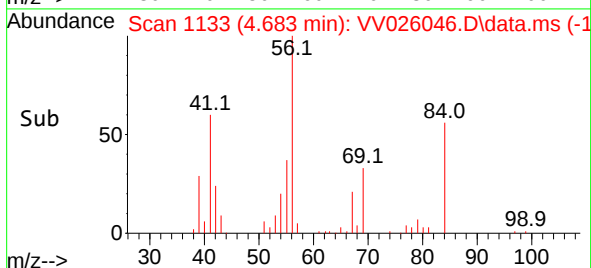
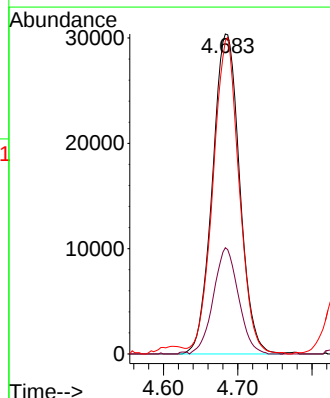
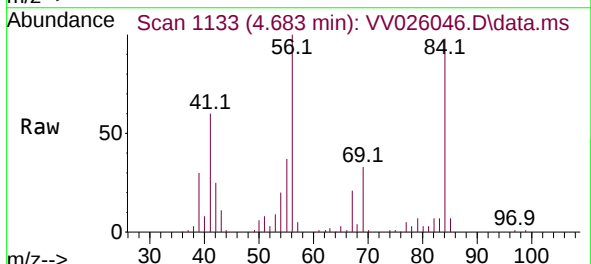
Tgt Ion: 56 Resp: 77298

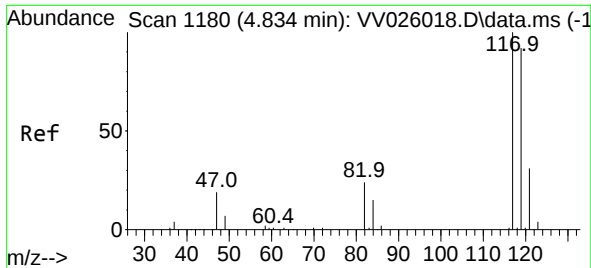
Ion Ratio Lower Upper

56 100

69 30.6 25.1 37.7

84 94.3 72.2 108.4

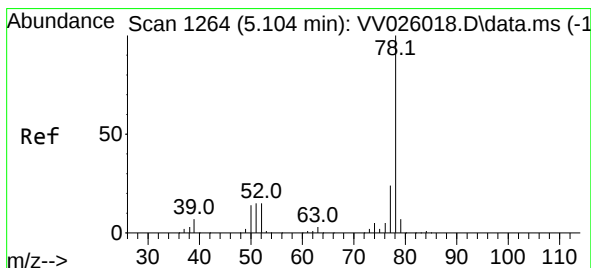
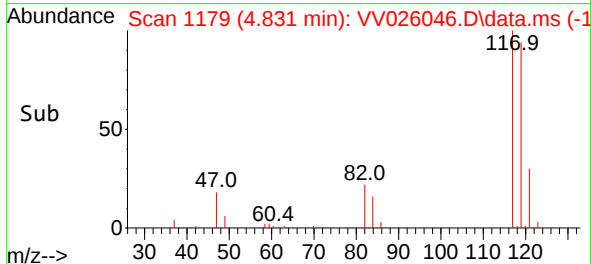
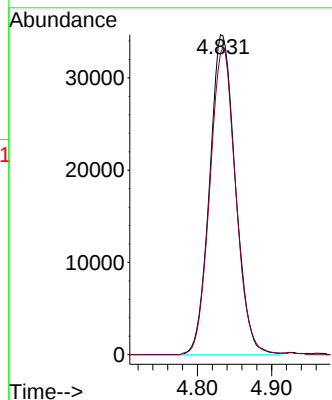
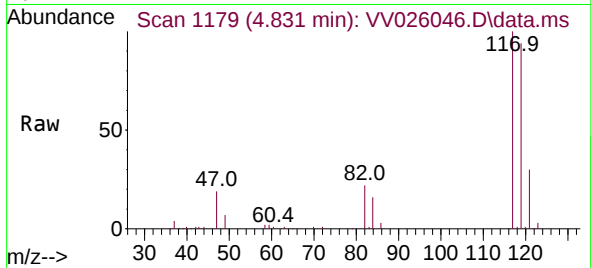




#31
Carbon tetrachloride
Concen: 4.719 ug/L
RT: 4.831 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

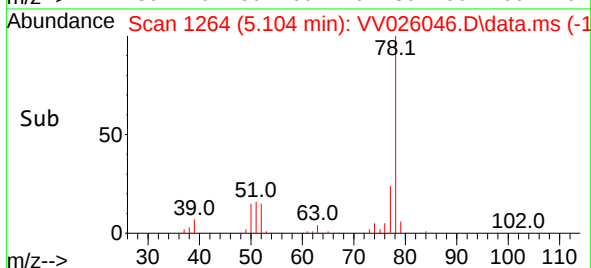
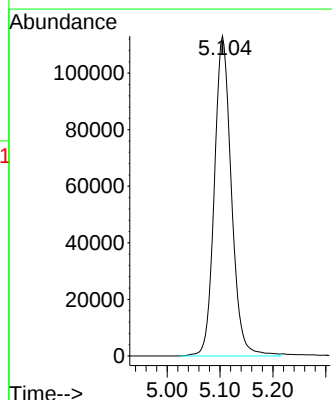
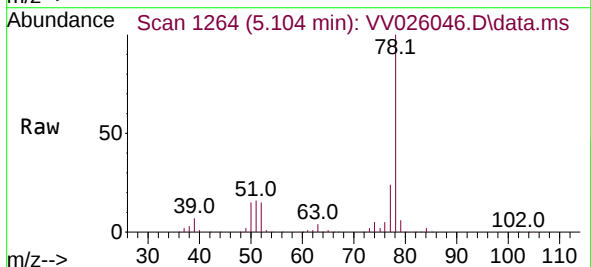
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

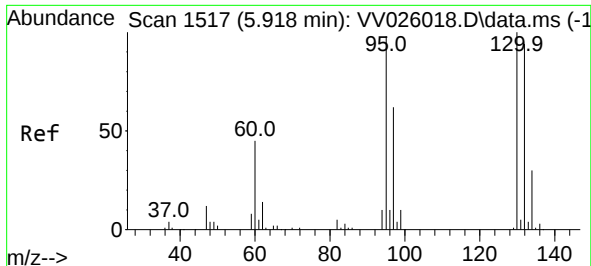
Tgt Ion:117 Resp: 83616
Ion Ratio Lower Upper
117 100
119 96.3 78.7 118.1



#33
Benzene
Concen: 4.909 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 78 Resp: 253679



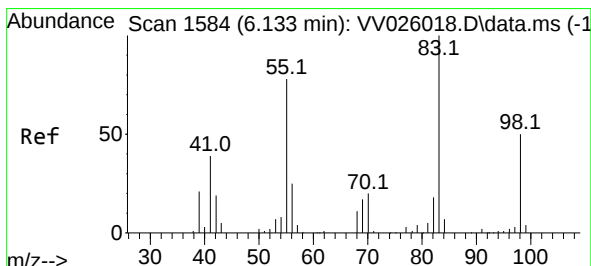
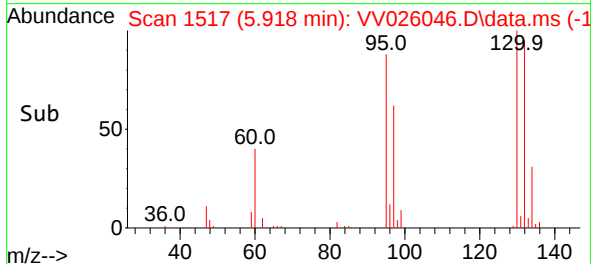
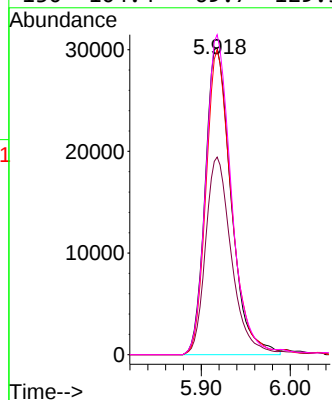
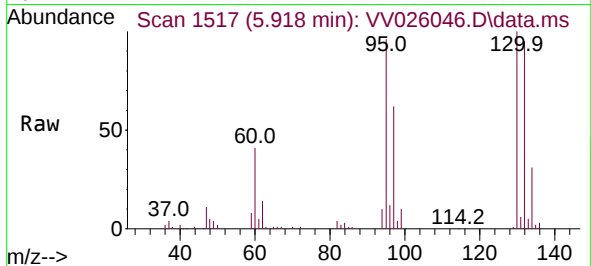


#34
Trichloroethene
Concen: 4.522 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

Tgt Ion: 95 Resp: 61054

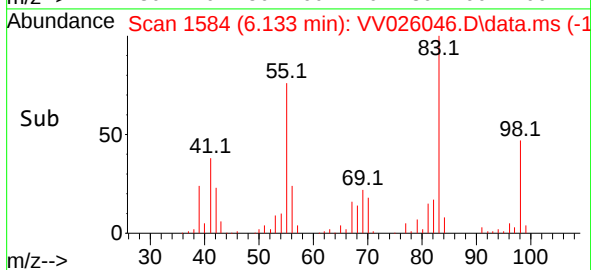
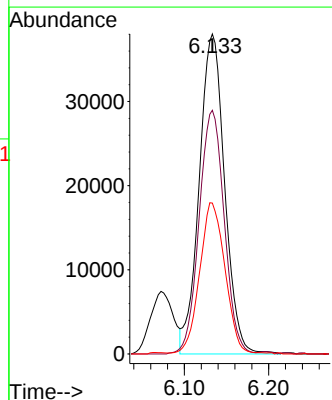
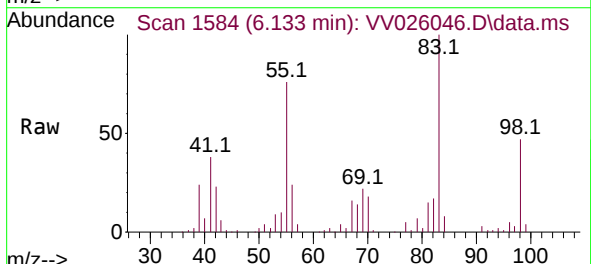
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.0	81.6
132	99.4	67.5	125.4
130	104.4	69.7	129.5

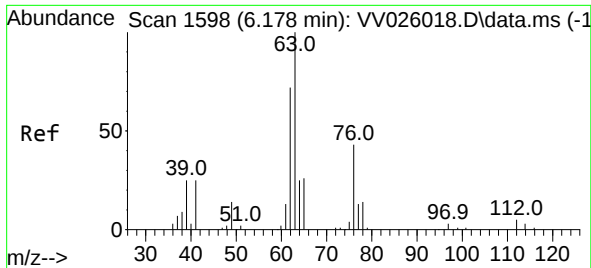


#35
Methylcyclohexane
Concen: 3.834 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 83 Resp: 79795

Ion	Ratio	Lower	Upper
83	100		
55	75.3	59.4	89.0
98	47.4	38.9	58.3

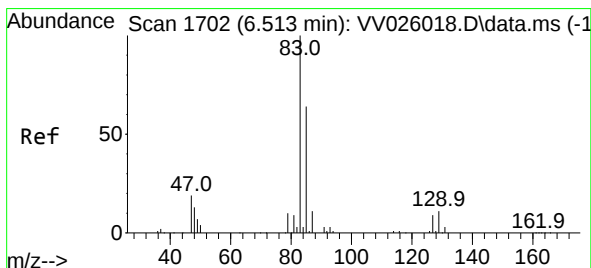
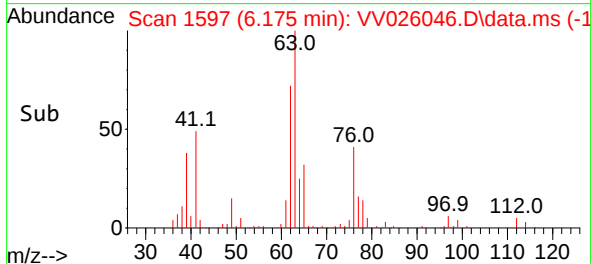
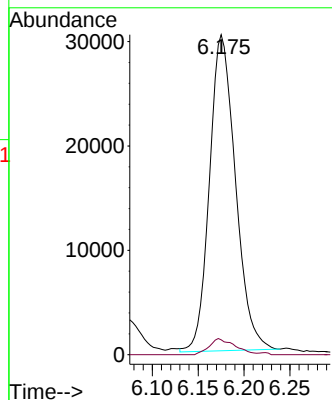
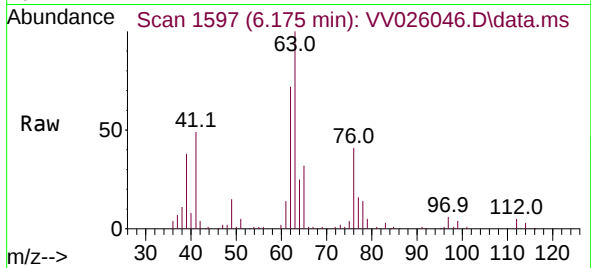




#37
 1,2-Dichloropropane
 Concen: 4.771 ug/L
 RT: 6.175 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

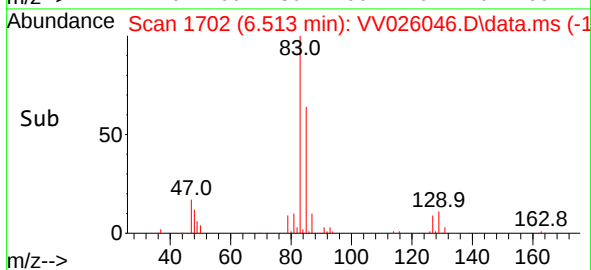
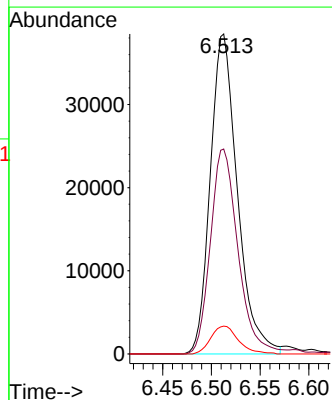
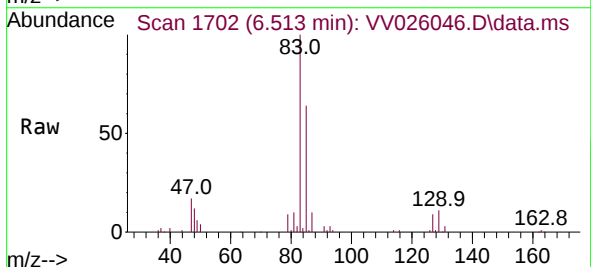
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

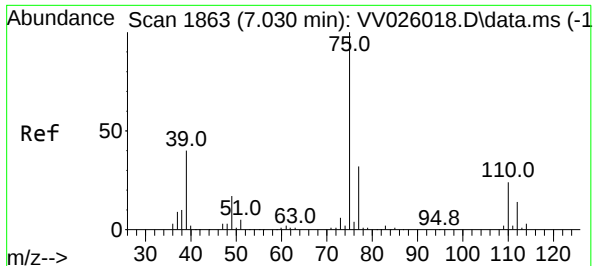
Tgt Ion: 63 Resp: 59745
 Ion Ratio Lower Upper
 63 100
 112 5.0 3.8 5.6



#38
 Bromodichloromethane
 Concen: 4.918 ug/L
 RT: 6.513 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

Tgt Ion: 83 Resp: 74401
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.8 83.2
 127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 3.987 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

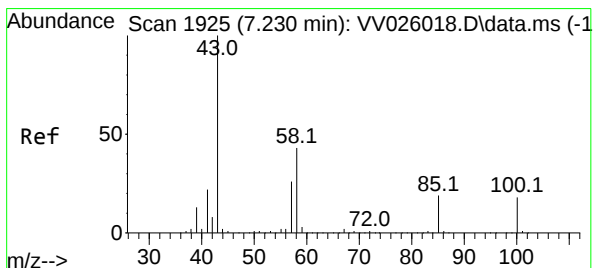
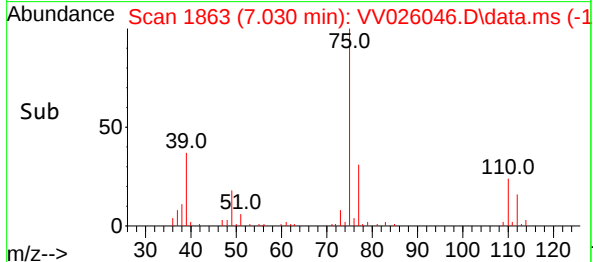
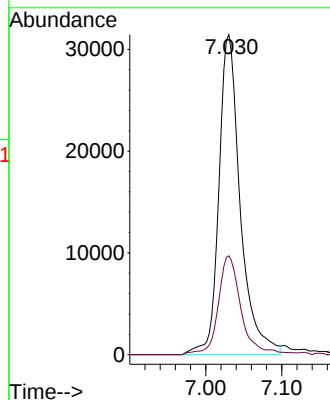
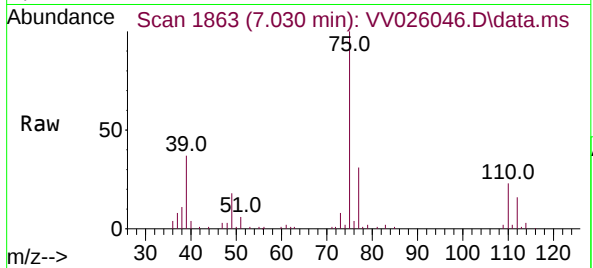
VSTD005300

Tgt Ion: 75 Resp: 61532

Ion Ratio Lower Upper

75 100

77 30.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 49.130 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

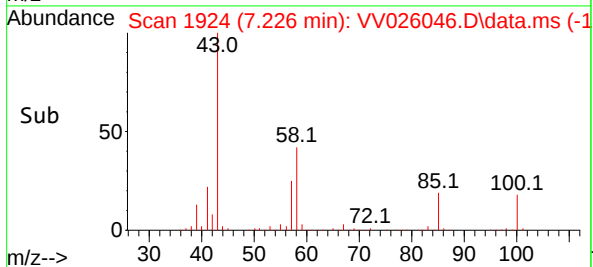
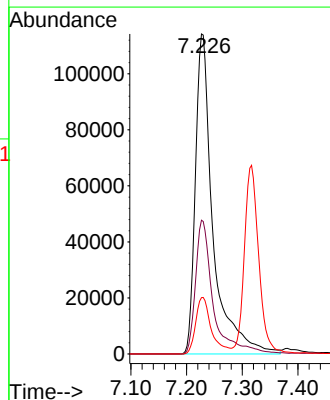
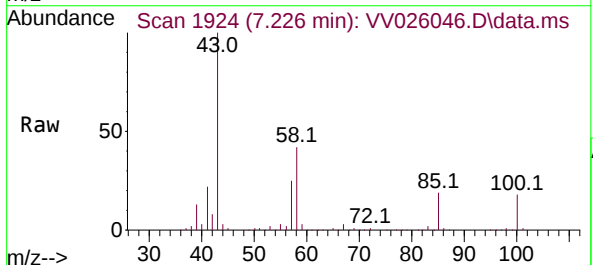
Tgt Ion: 43 Resp: 251348

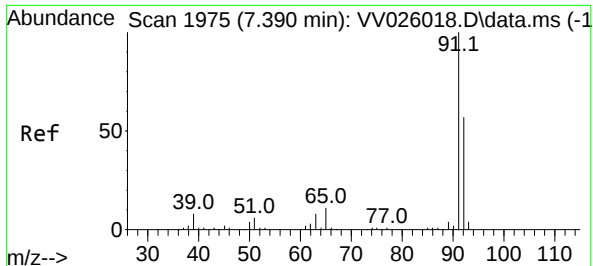
Ion Ratio Lower Upper

43 100

58 42.1 34.2 51.2

100 15.7 12.6 19.0





#42

Toluene

Concen: 4.806 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

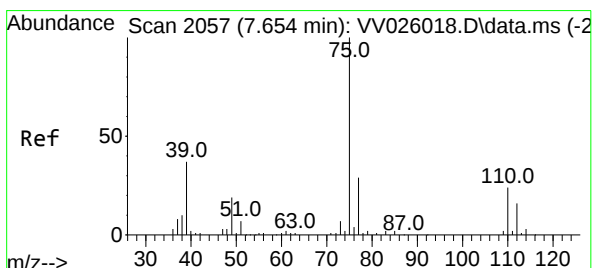
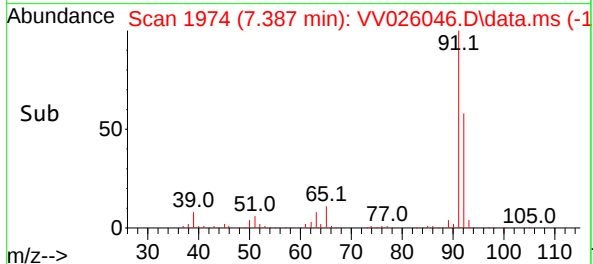
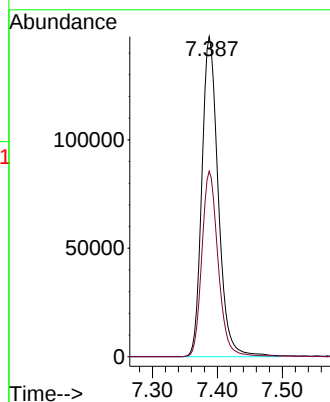
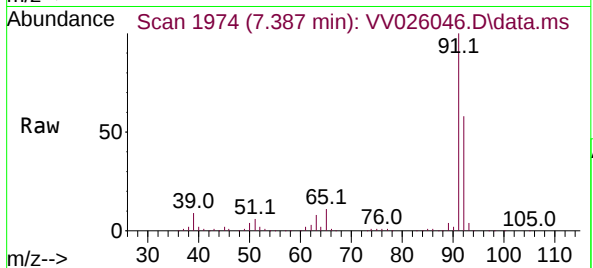
VSTD005300

Tgt Ion: 91 Resp: 259501

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.197 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV026046.D

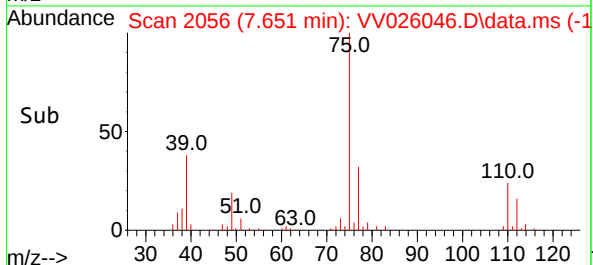
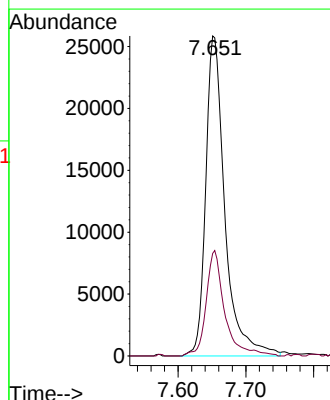
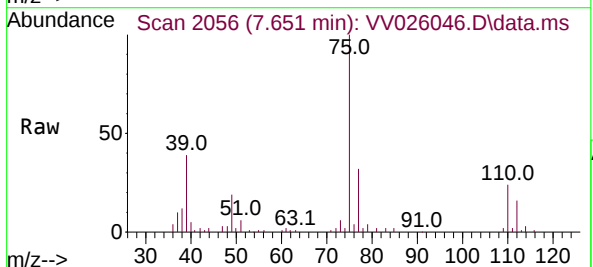
Acq: 09 Jun 2022 09:20

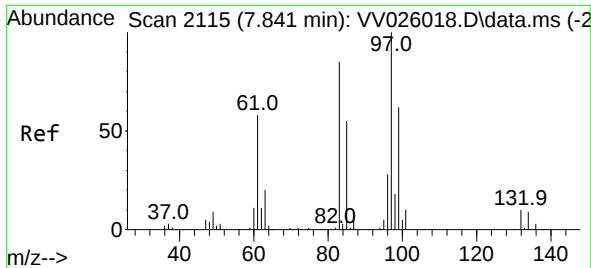
Tgt Ion: 75 Resp: 50744

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3

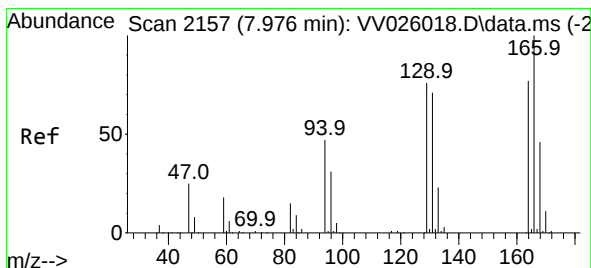
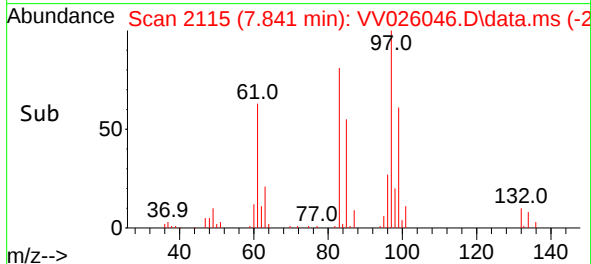
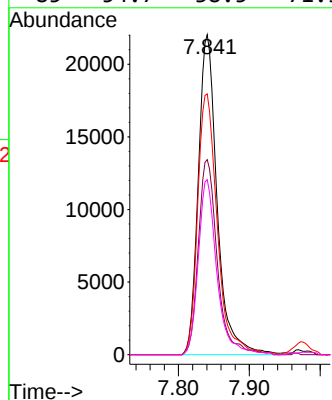
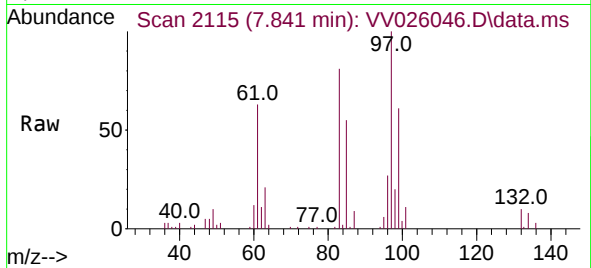




#45
1,1,2-Trichloroethane
Concen: 5.030 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

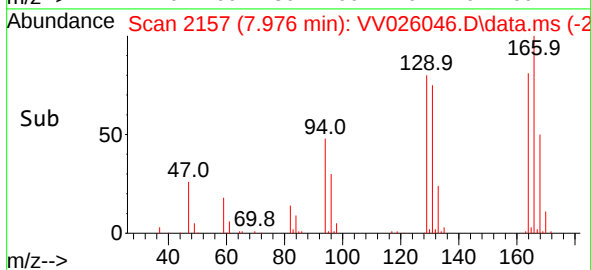
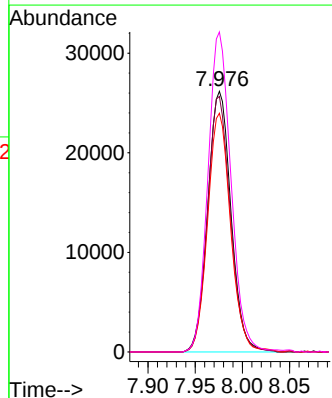
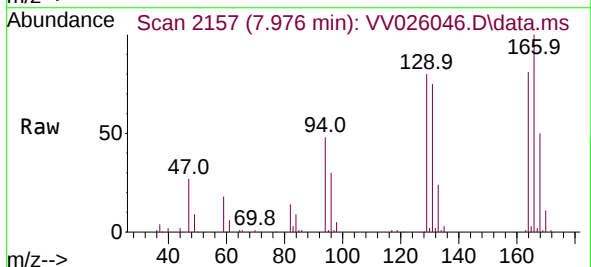
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

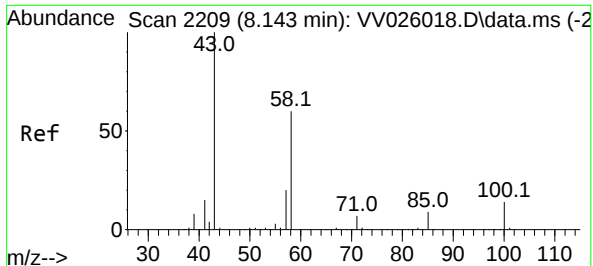
Tgt Ion:	97	Resp:	40903
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.5	80.7
83	81.5	59.6	110.8
85	54.7	38.5	71.5



#47
Tetrachloroethene
Concen: 4.285 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion:	164	Resp:	44779
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.3	126.9
131	91.6	66.5	123.5
166	122.8	88.1	163.7



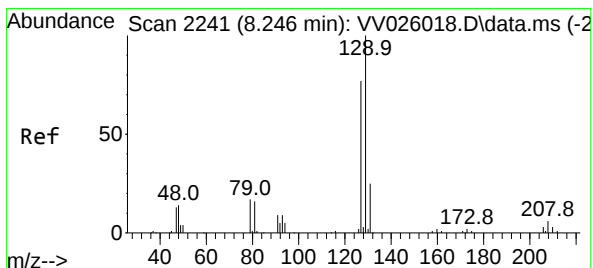
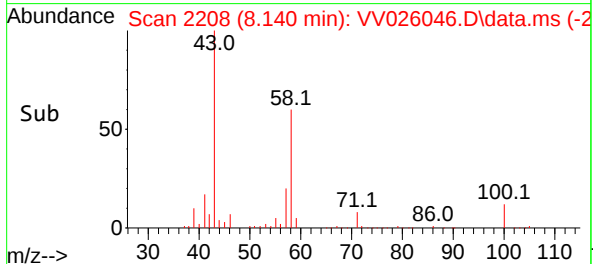
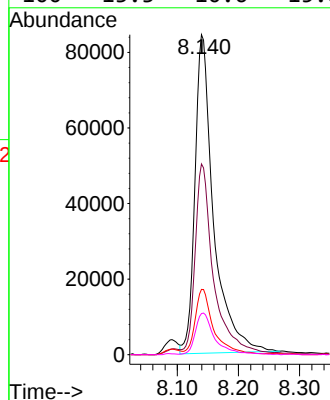
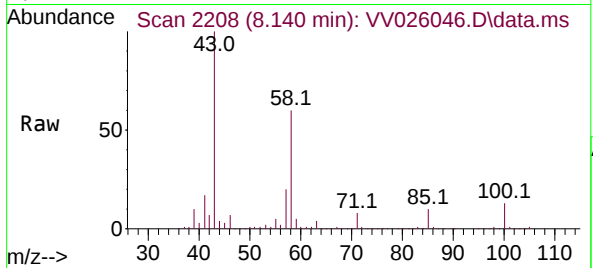


#48
2-Hexanone
Concen: 49.319 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

Tgt Ion: 43 Resp: 179099

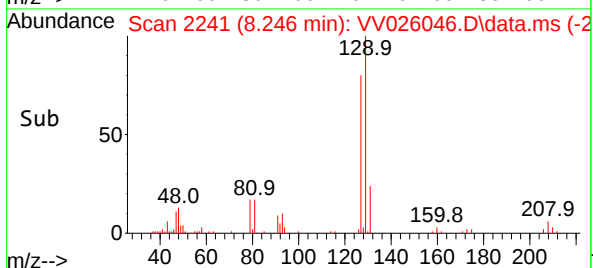
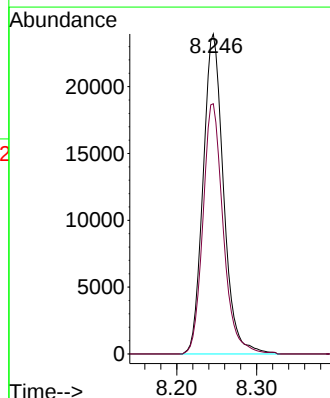
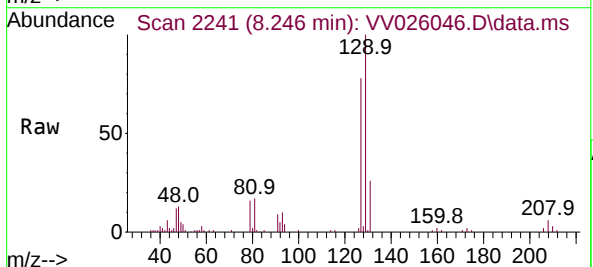
Ion	Ratio	Lower	Upper
43	100		
58	58.6	47.4	71.2
57	19.7	15.5	23.3
100	13.3	10.6	15.8

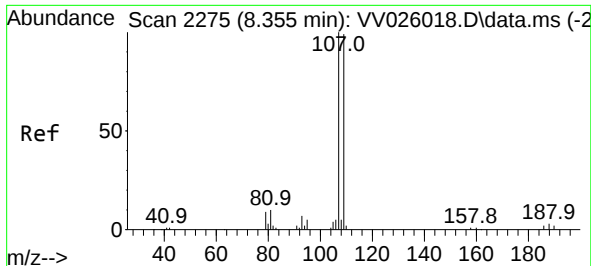


#49
Dibromochloromethane
Concen: 4.802 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 129 Resp: 42633

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.9	103.7





#50

1,2-Dibromoethane

Concen: 4.827 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005300

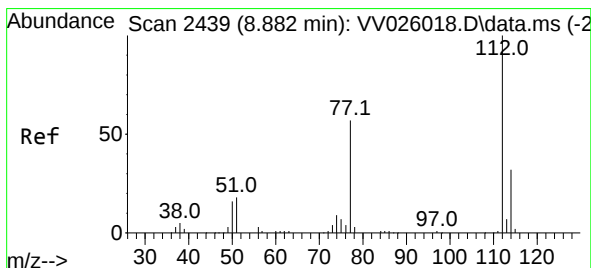
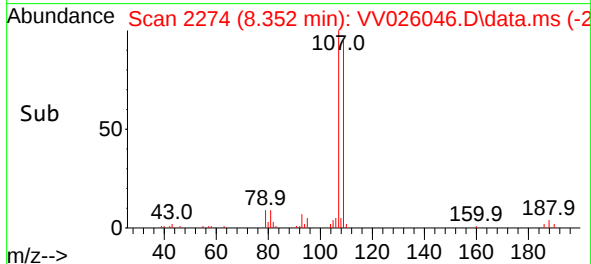
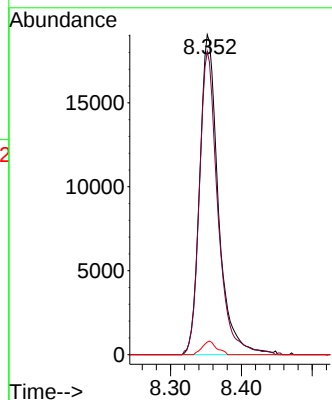
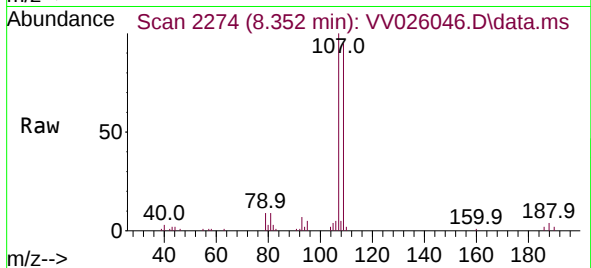
Tgt Ion:107 Resp: 34930

Ion Ratio Lower Upper

107 100

109 94.8 64.8 120.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 4.365 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

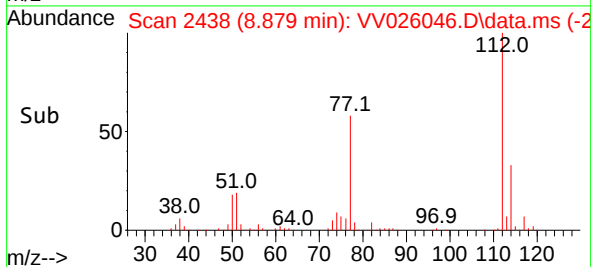
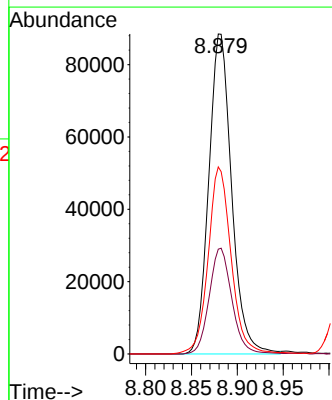
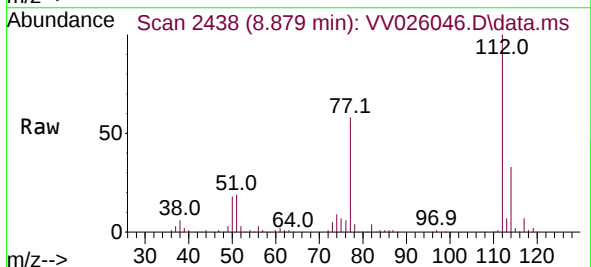
Tgt Ion:112 Resp: 153402

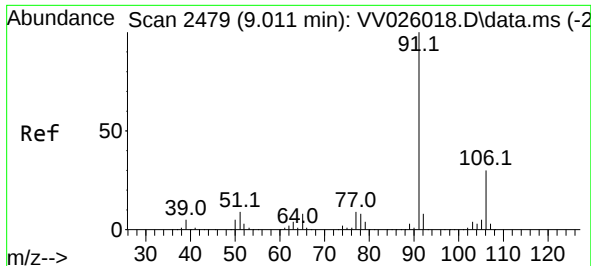
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

77 58.5 44.6 66.8

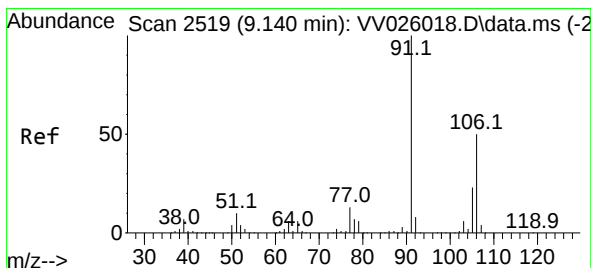
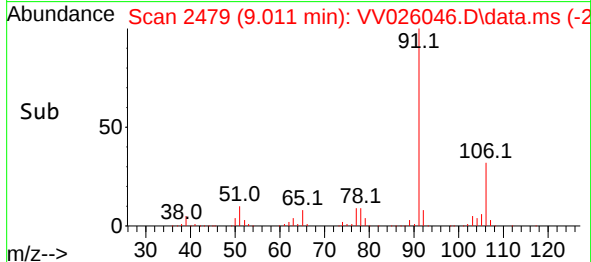
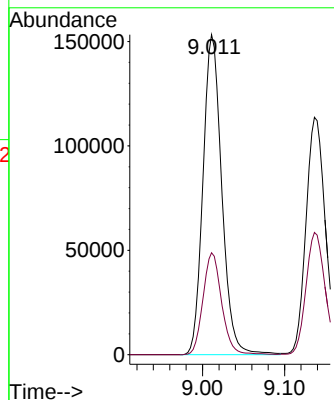
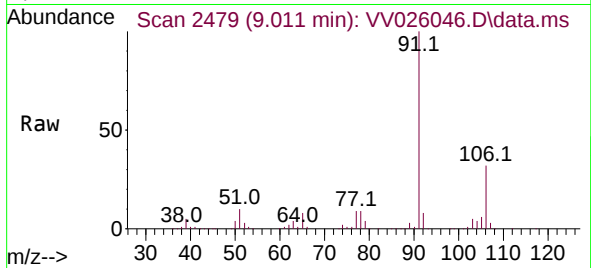




#52
Ethylbenzene
Concen: 4.309 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

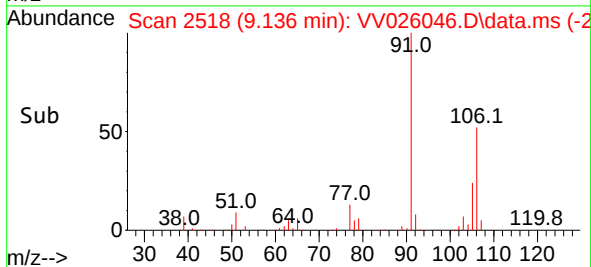
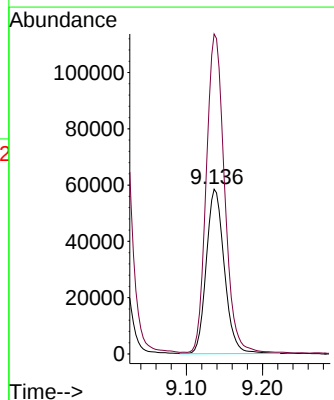
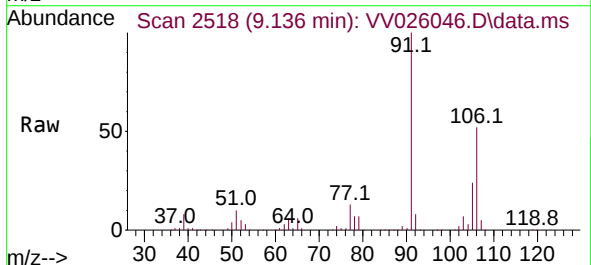
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

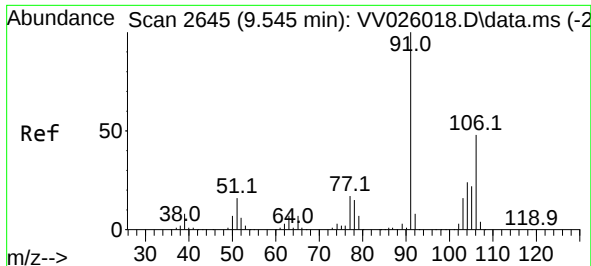
Tgt Ion: 91 Resp: 243838
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6



#53
m,p-Xylene
Concen: 4.408 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 106 Resp: 96421
Ion Ratio Lower Upper
106 100
91 194.1 140.4 260.8

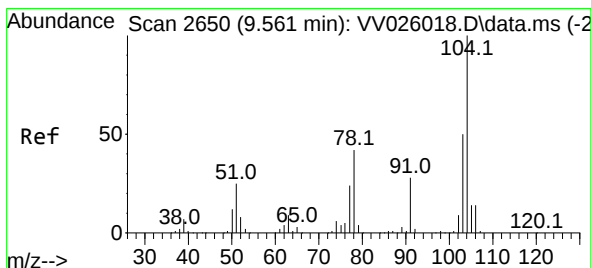
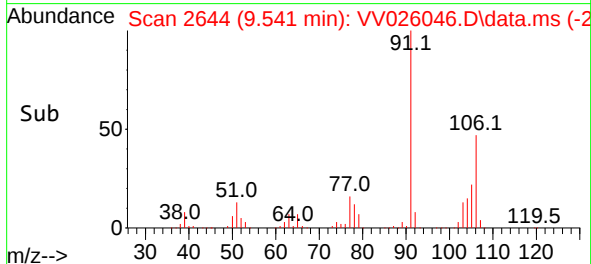
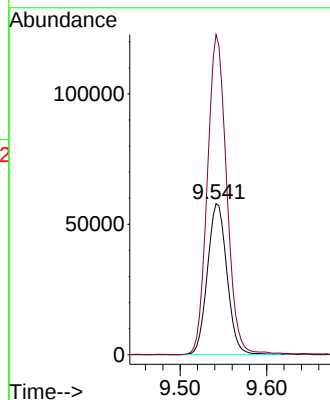
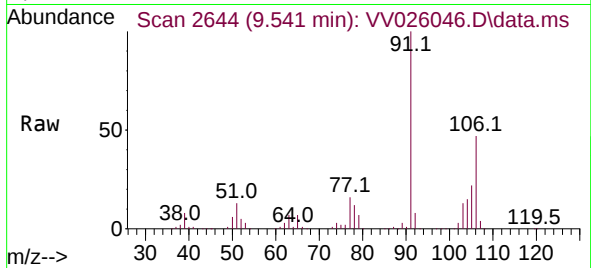




#54
o-Xylene
Concen: 4.367 ug/L
RT: 9.541 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

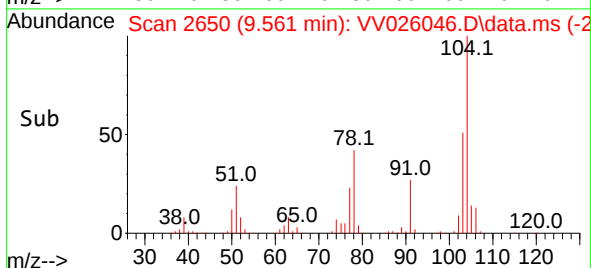
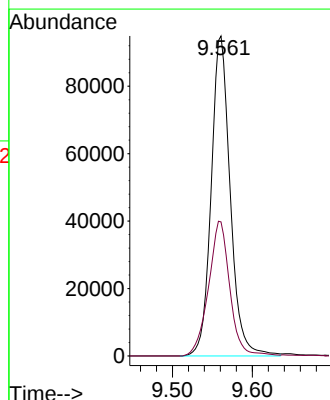
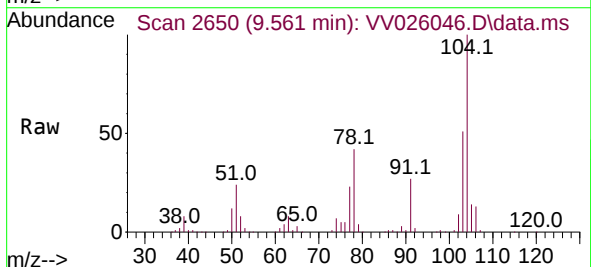
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

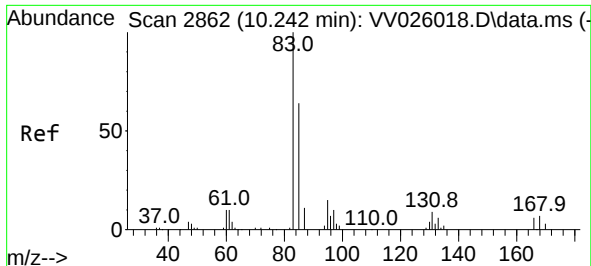
Tgt Ion:106 Resp: 90807
Ion Ratio Lower Upper
106 100
91 211.9 145.4 270.0



#55
Styrene
Concen: 4.512 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion:104 Resp: 157170
Ion Ratio Lower Upper
104 100
78 41.9 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.361 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005300

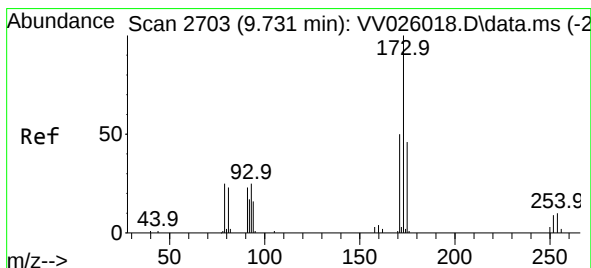
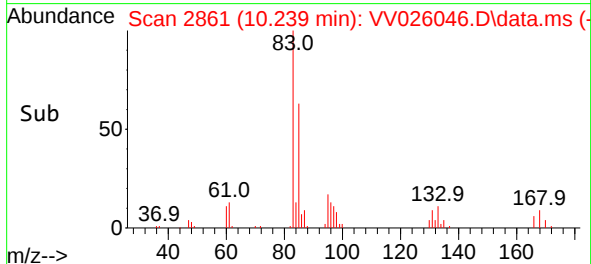
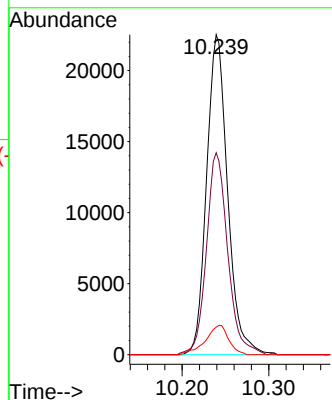
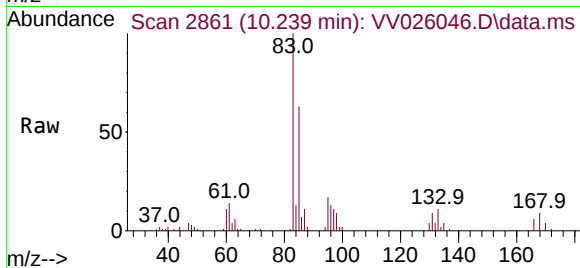
Tgt Ion: 83 Resp: 37967

Ion Ratio Lower Upper

83 100

85 63.1 46.4 86.2

131 8.6 7.1 10.7



#59

Bromoform

Concen: 4.909 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

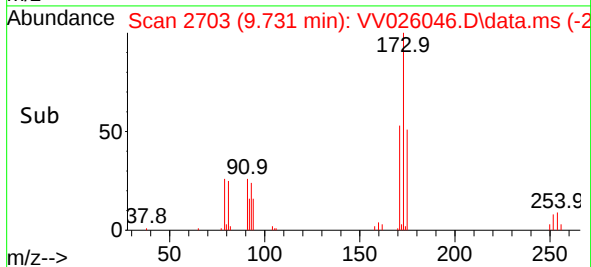
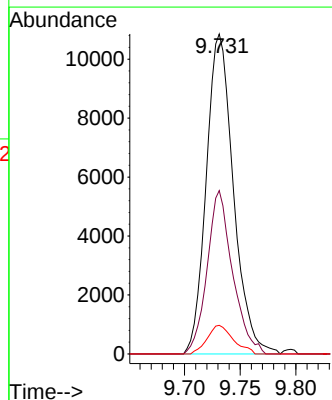
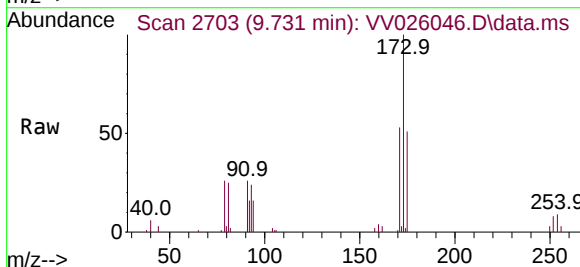
Tgt Ion: 173 Resp: 18417

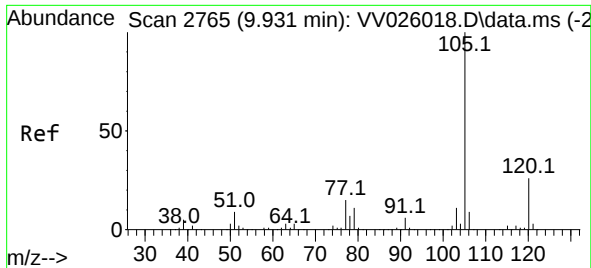
Ion Ratio Lower Upper

173 100

175 47.7 38.8 58.2

254 8.6 6.9 10.3

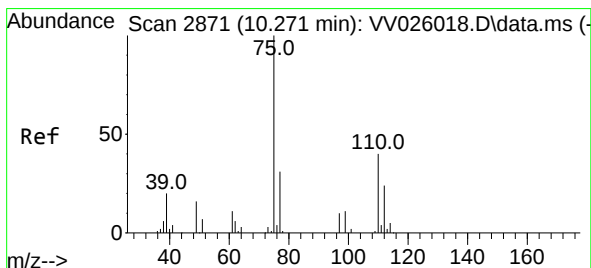
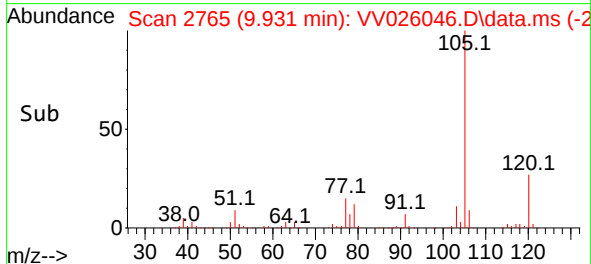
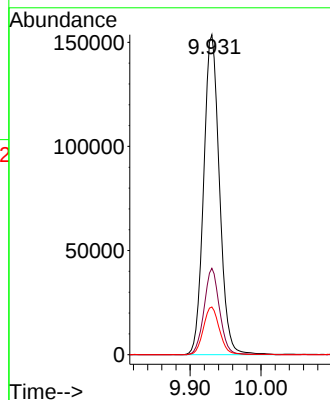
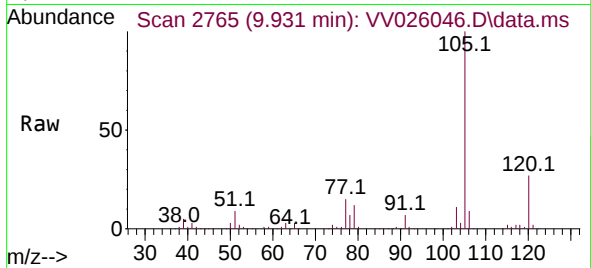




#60
Isopropylbenzene
Concen: 4.477 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

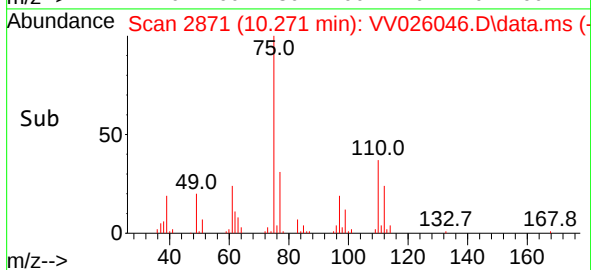
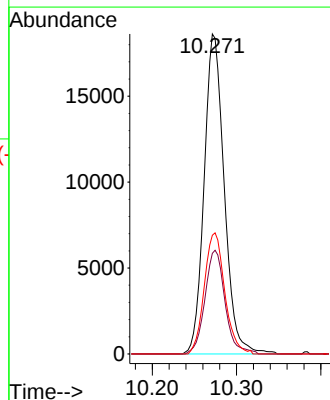
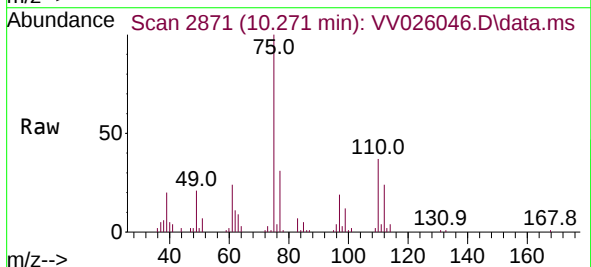
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

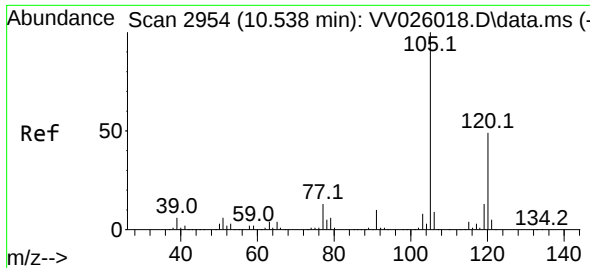
Tgt Ion:105 Resp: 237970
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 4.960 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 75 Resp: 30963
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0
110 38.5 32.0 48.0

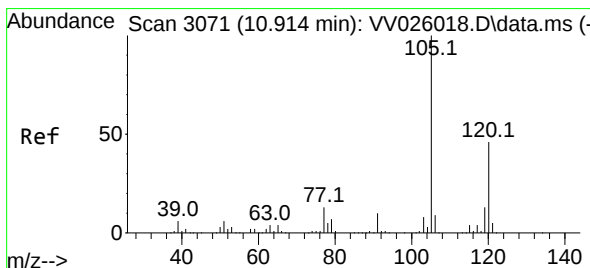
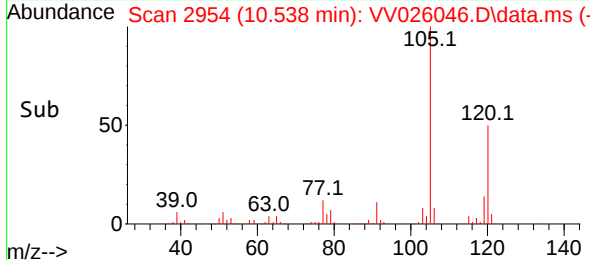
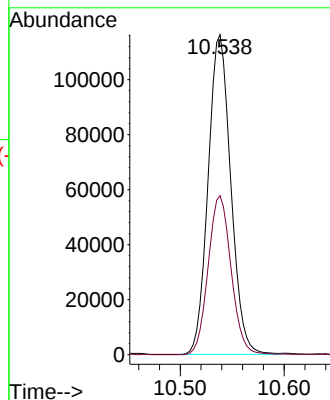
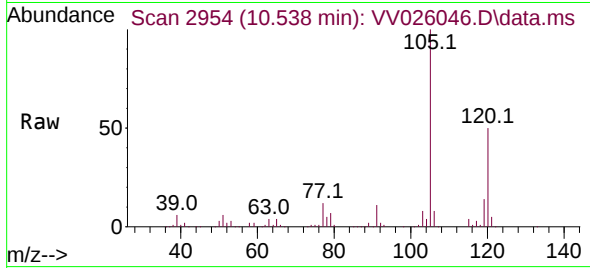




#62
 1,3,5-Trimethylbenzene
 Concen: 4.184 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

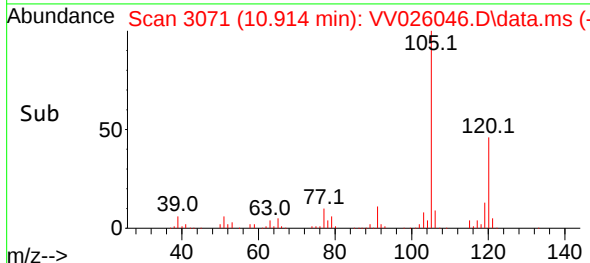
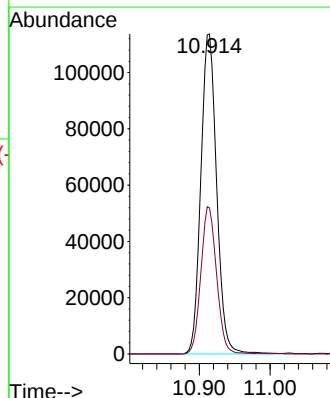
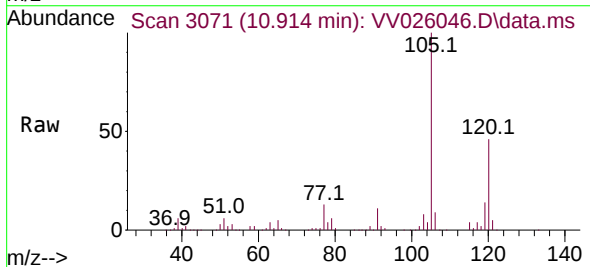
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

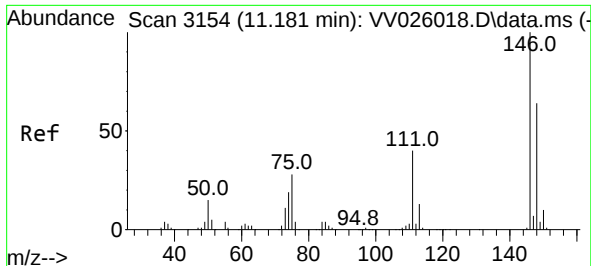
Tgt Ion:105 Resp: 176093
 Ion Ratio Lower Upper
 105 100
 120 50.5 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.201 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

Tgt Ion:105 Resp: 176072
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.7 55.1

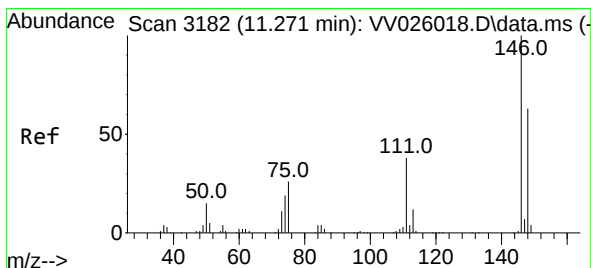
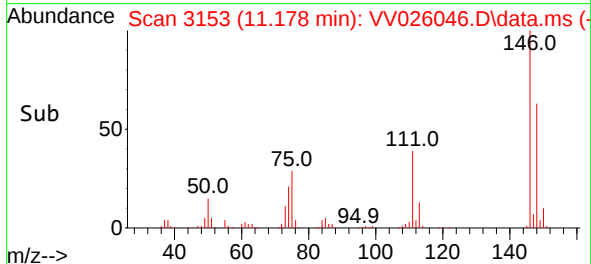
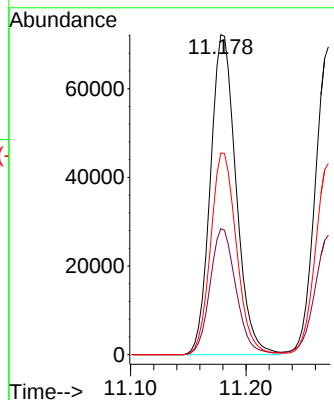
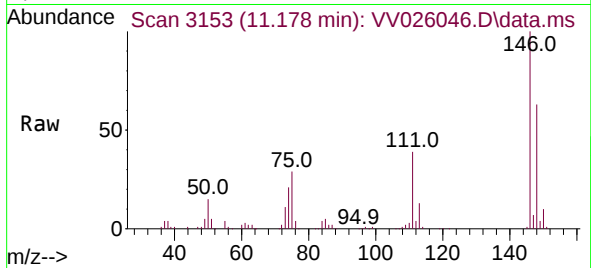




#64
1,3-Dichlorobenzene
Concen: 4.425 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

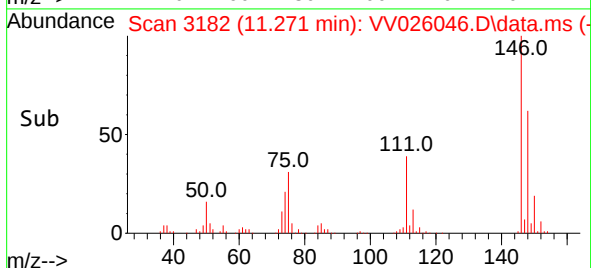
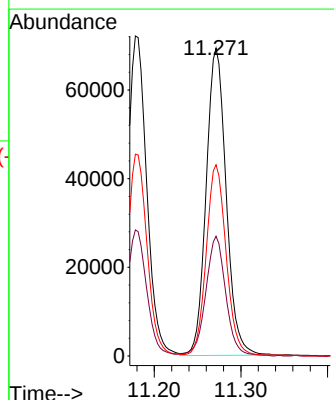
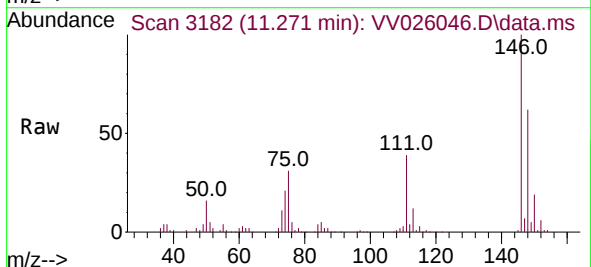
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

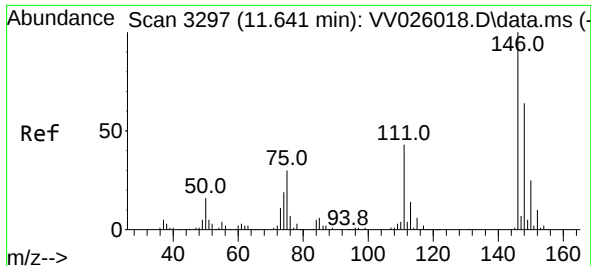
Tgt Ion:146 Resp: 111719
Ion Ratio Lower Upper
146 100
111 39.4 27.9 51.9
148 63.0 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.327 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion:146 Resp: 111247
Ion Ratio Lower Upper
146 100
111 38.9 27.1 50.3
148 62.1 43.8 81.4

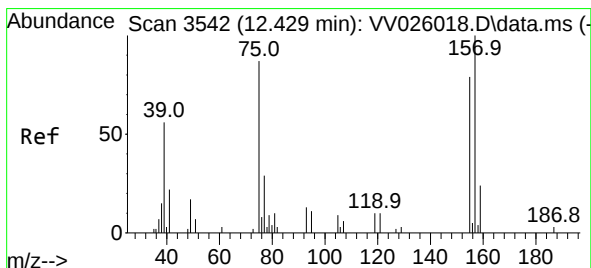
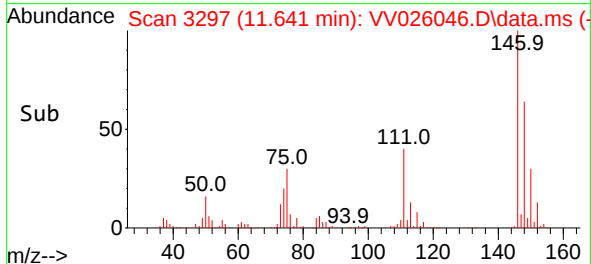
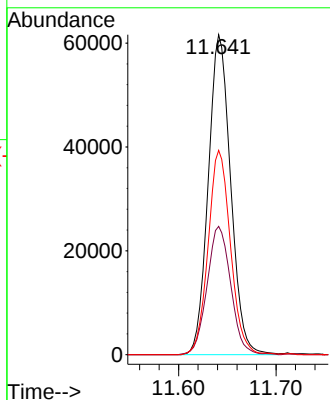
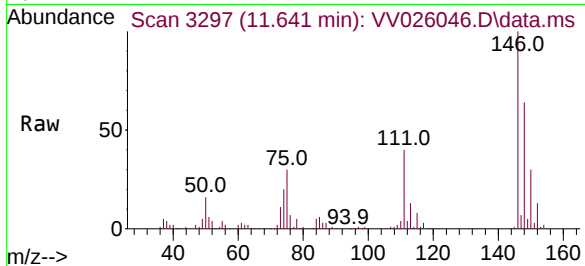




#67
1,2-Dichlorobenzene
Concen: 4.409 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

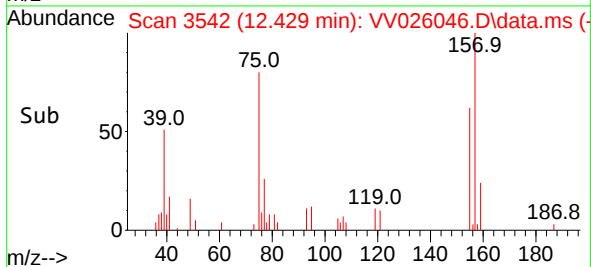
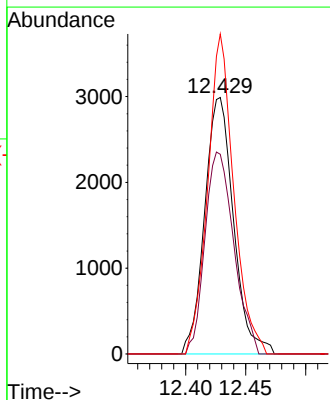
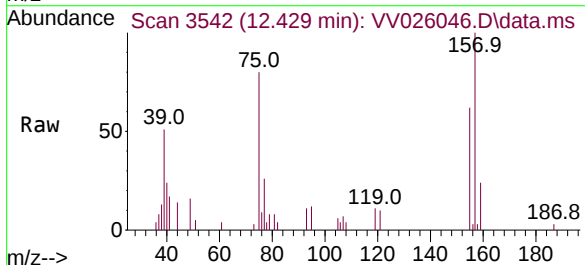
Instrument :
MSVOA_V
ClientSampleId :
VSTD005300

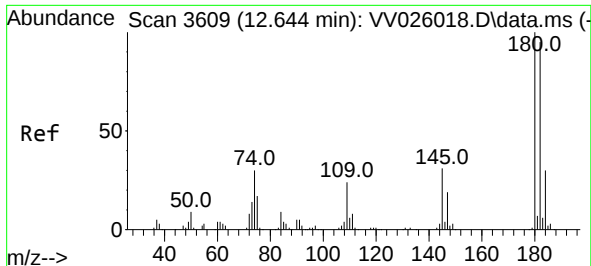
Tgt Ion:146 Resp: 98447
Ion Ratio Lower Upper
146 100
111 40.1 33.9 50.9
148 63.8 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.514 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV026046.D
Acq: 09 Jun 2022 09:20

Tgt Ion: 75 Resp: 5008
Ion Ratio Lower Upper
75 100
155 77.8 68.0 102.0
157 124.7 89.7 134.5

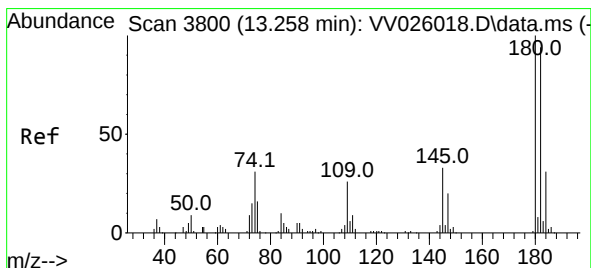
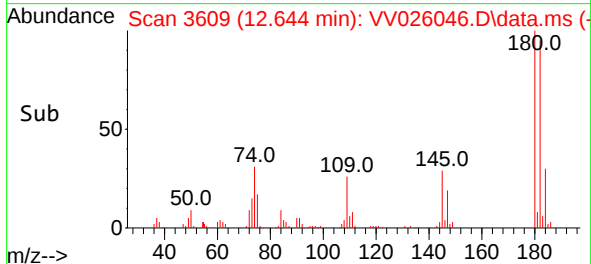
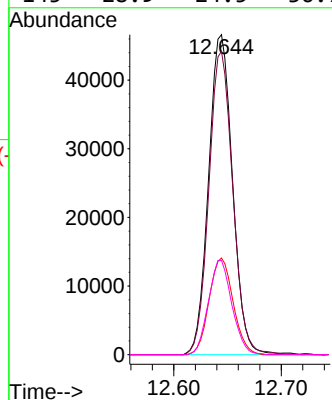
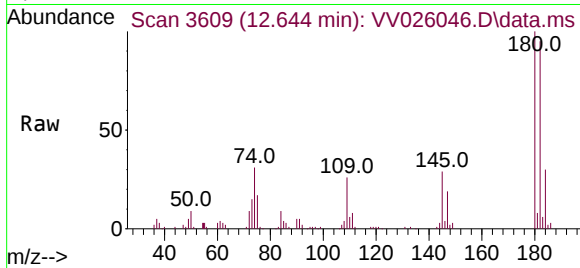




#69
 1,3,5-Trichlorobenzene
 Concen: 3.944 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

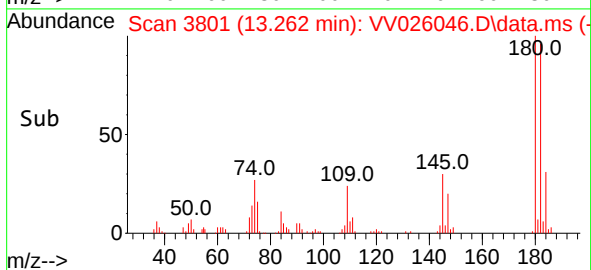
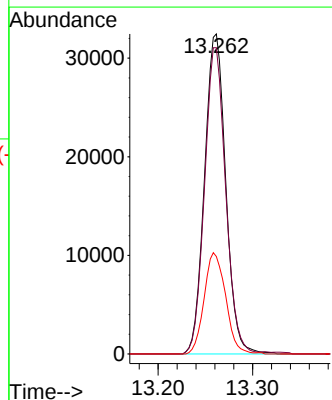
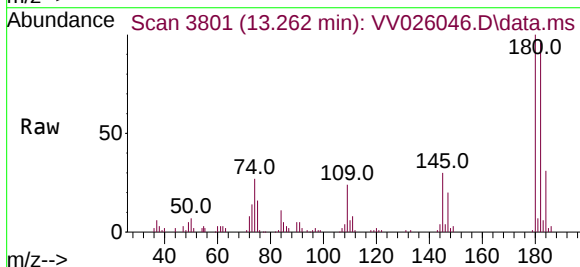
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

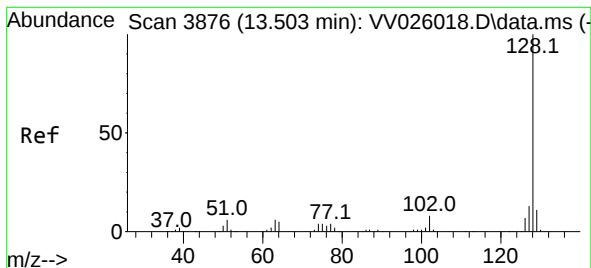
Tgt Ion:180	Resp:	72116
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.3 114.5
184	30.3	24.0 36.0
145	28.9	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 3.716 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026046.D
 Acq: 09 Jun 2022 09:20

Tgt Ion:180	Resp:	50655
Ion Ratio	Lower	Upper
180	100	
182	95.3	74.2 111.4
145	32.1	24.1 36.1





#71

Naphthalene

Concen: 3.724 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.003 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005300

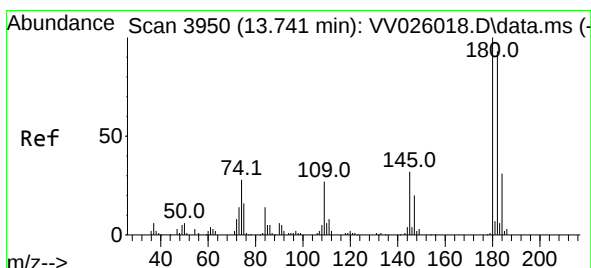
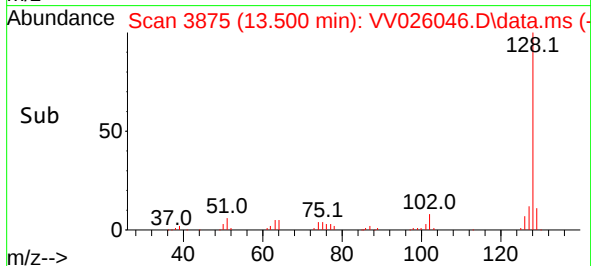
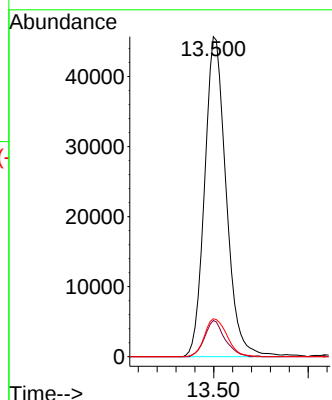
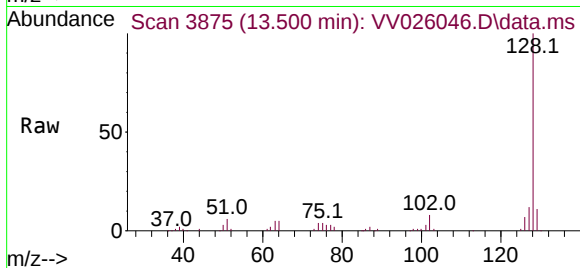
Tgt Ion:128 Resp: 72127

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 12.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 3.847 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026046.D

Acq: 09 Jun 2022 09:20

Tgt Ion:180 Resp: 44383

Ion Ratio Lower Upper

180 100

182 95.5 74.0 111.0

145 31.7 25.5 38.3

