

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026717.D
 Acq On : 12 Jul 2022 10:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: Jul 13 02:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 06:00:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	239716	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	237487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	102004	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.561	69	91101	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.101	63	198692	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.902	46	146436	42.903	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.800%
24) Chloroform-d	4.343	84	187126	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.027	65	83244	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.043	84	357011	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.066	67	106518	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.314	98	332194	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.622	79	36528	5.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.088	63	152689	49.818	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81147	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	103719	4.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	137078	4.498	ug/L	99
3) Chloromethane	1.237	50	130075	4.448	ug/L	100
5) Vinyl chloride	1.304	62	135284	4.543	ug/L	100
6) Bromomethane	1.516	94	81436	4.569	ug/L	95
8) Chloroethane	1.577	64	79716	4.544	ug/L	96
9) Trichlorofluoromethane	1.745	101	172215	4.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	99309	4.581	ug/L	98
12) 1,1-Dichloroethene	2.111	96	93263	4.437	ug/L	95
13) Acetone	2.439	43	22945	7.990	ug/L	92
14) Carbon disulfide	2.285	76	277812	4.486	ug/L	99
15) Methyl Acetate	2.439	43	23813	4.100	ug/L	96
16) Methylene chloride	2.500	84	143114	5.716	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	160873	4.443	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	86829	4.495	ug/L	95
19) 1,1-Dichloroethane	3.182	63	160773	4.558	ug/L	99
21) 2-Butanone	3.986	43	136061	40.626	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	85010	4.363	ug/L	96
23) Bromochloromethane	4.246	128	39817	4.436	ug/L	95
25) Chloroform	4.368	83	166485	4.506	ug/L	98

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 Data File : VW026717.D
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: Jul 13 02:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 06:00:16 2022
 Response via : Initial Calibration

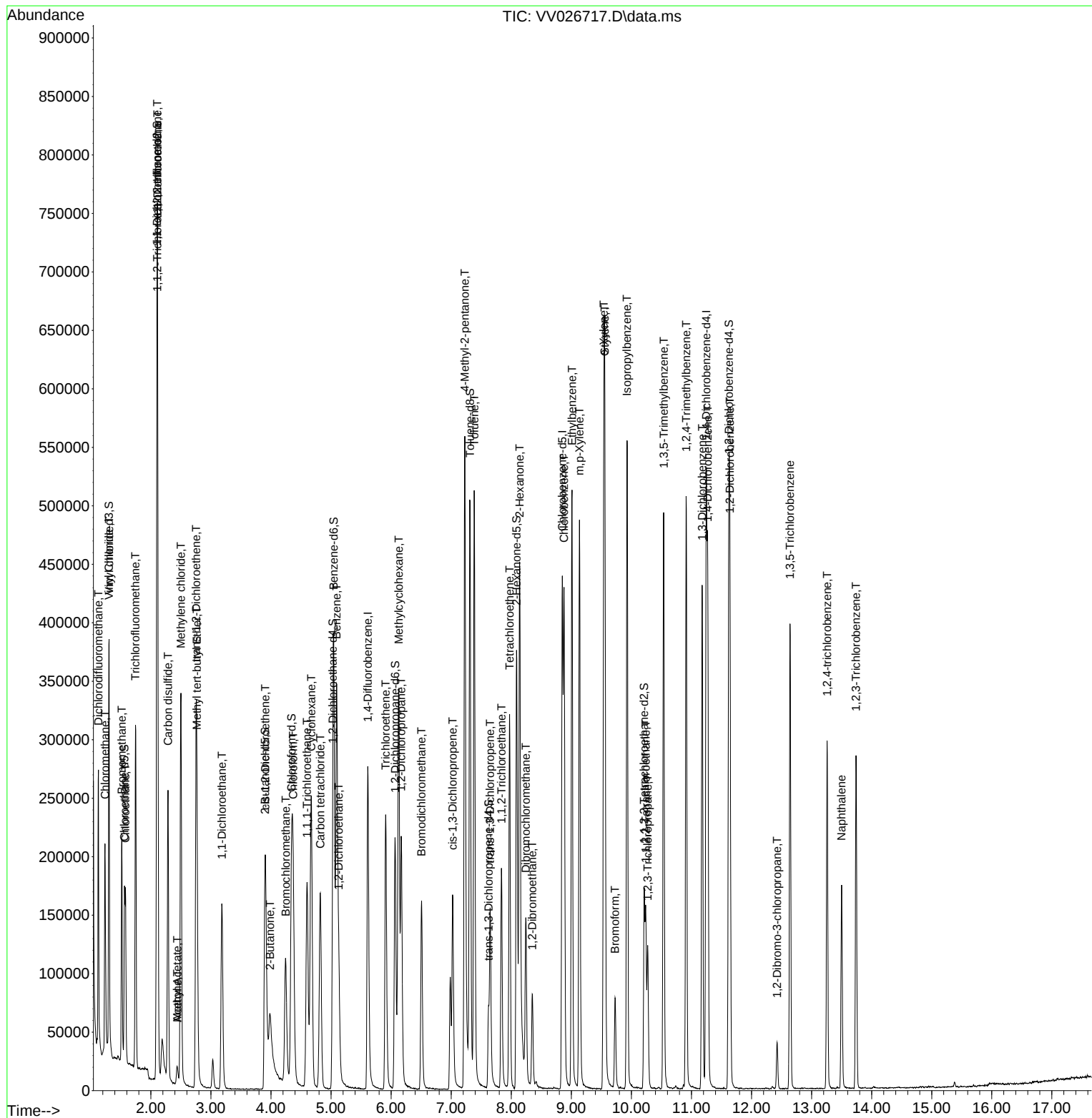
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	91293	4.586	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	143455	4.483	ug/L	99
30) Cyclohexane	4.671	56	120989	4.437	ug/L	99
31) Carbon tetrachloride	4.822	117	128178	4.535	ug/L	99
33) Benzene	5.092	78	356931	4.496	ug/L	100
34) Trichloroethene	5.908	95	85878	4.401	ug/L	96
35) Methylcyclohexane	6.127	83	132546	4.450	ug/L	98
37) 1,2-Dichloropropane	6.169	63	87702	4.619	ug/L	98
38) Bromodichloromethane	6.506	83	110723	4.473	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	106517	4.514	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	396630	45.227	ug/L	96
42) Toluene	7.384	91	375670	4.685	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	91936	4.745	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	60535	4.362	ug/L	95
47) Tetrachloroethene	7.973	164	68773	4.494	ug/L	97
48) 2-Hexanone	8.140	43	294398	46.382	ug/L	99
49) Dibromochloromethane	8.243	129	71928	4.497	ug/L	100
50) 1,2-Dibromoethane	8.349	107	54948	4.475	ug/L	97
51) Chlorobenzene	8.879	112	228721	4.511	ug/L	98
52) Ethylbenzene	9.011	91	346391	4.365	ug/L	98
53) m,p-Xylene	9.137	106	136971	4.439	ug/L	98
54) o-Xylene	9.542	106	128038	4.366	ug/L	99
55) Styrene	9.558	104	233795	4.549	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	73254	4.459	ug/L	99
59) Bromoform	9.728	173	34414	4.354	ug/L	100
60) Isopropylbenzene	9.928	105	341669	4.447	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	50684	4.462	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	259861	4.251	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	263863	4.251	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	170040	4.517	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	171327	4.476	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	158171	4.500	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	10670	4.431	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	113623	4.271	ug/L	95
70) 1,2,4-trichlorobenzene	13.259	180	85296	4.215	ug/L	99
71) Naphthalene	13.500	128	136224	4.064	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	79550	4.225	ug/L	99

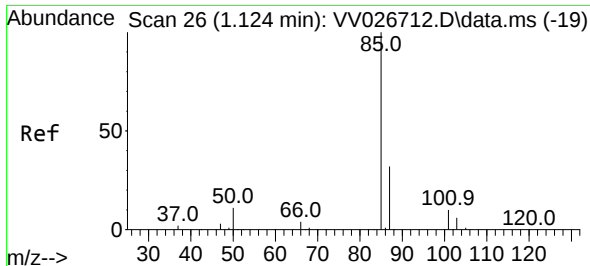
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 Data File : VV026717.D
 Acq On : 12 Jul 2022 10:53
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Jul 13 02:50:52 2022
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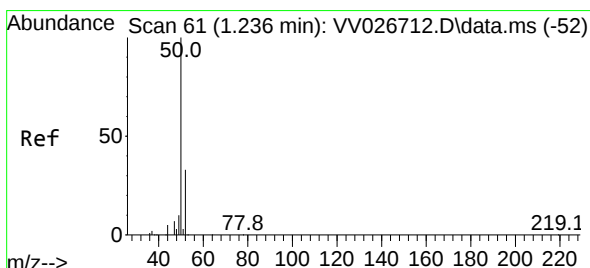
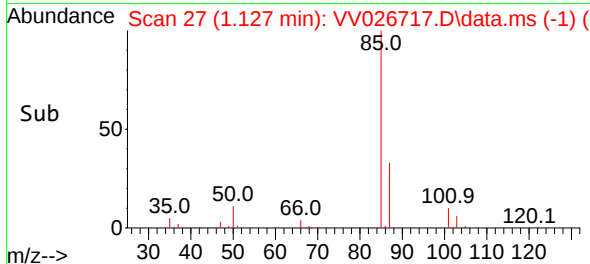
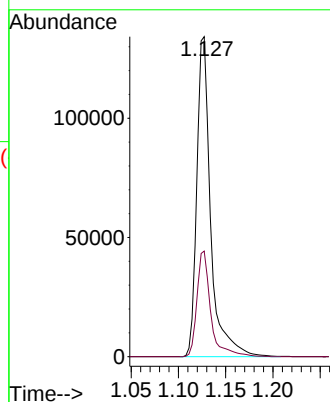
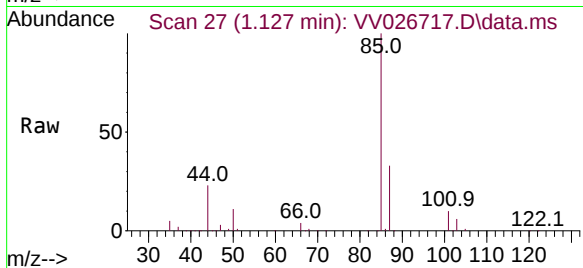




#2
 Dichlorodifluoromethane
 Concen: 4.498 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

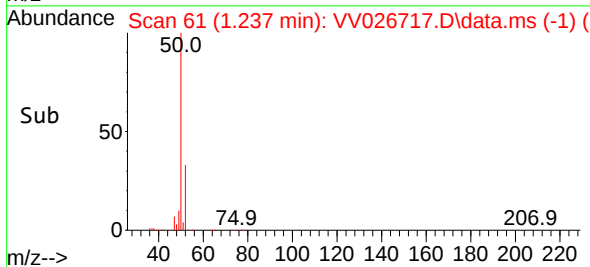
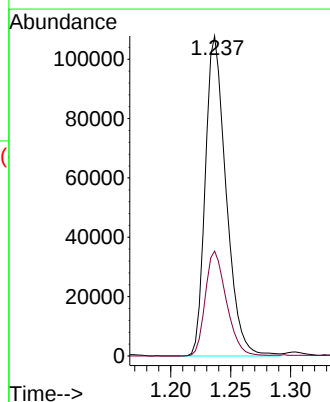
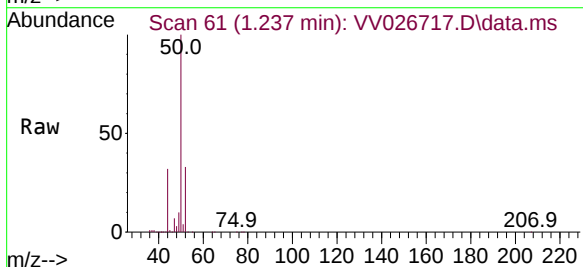
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

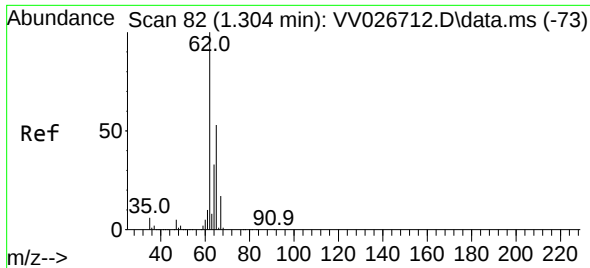
Tgt Ion: 85 Resp: 137078
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 4.448 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Tgt Ion: 50 Resp: 130075
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4

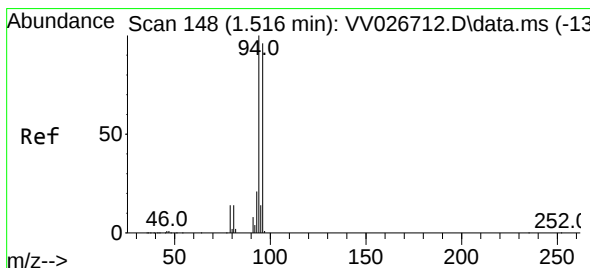
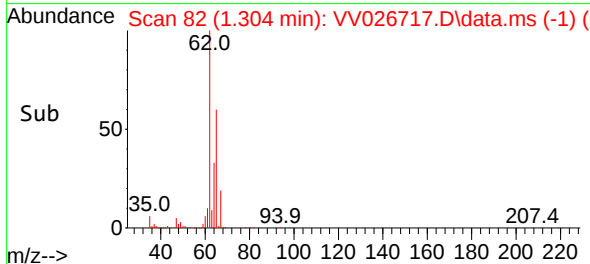
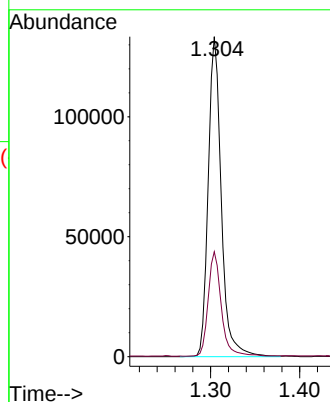
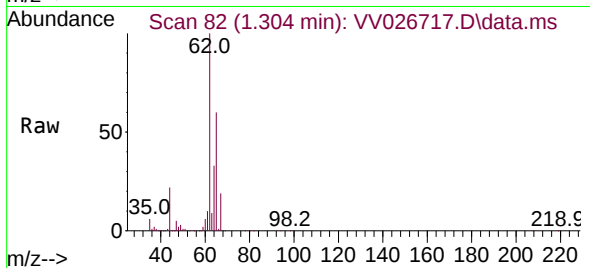




#5
 Vinyl chloride
 Concen: 4.543 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

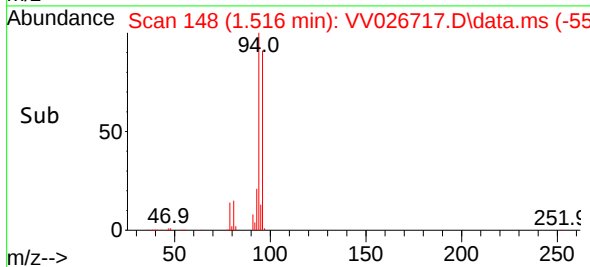
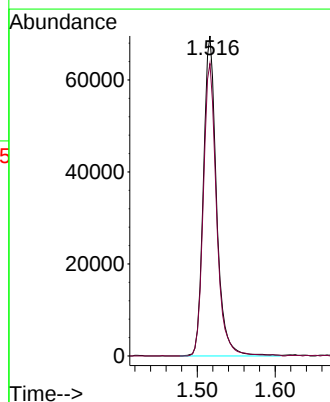
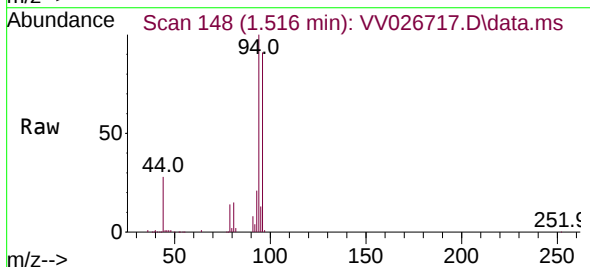
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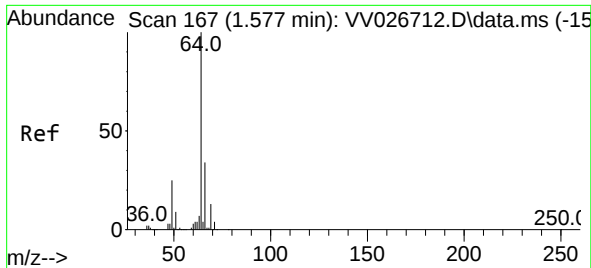
Tgt Ion: 62 Resp: 135284
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 4.569 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Tgt Ion: 94 Resp: 81436
 Ion Ratio Lower Upper
 94 100
 96 91.4 67.1 124.7

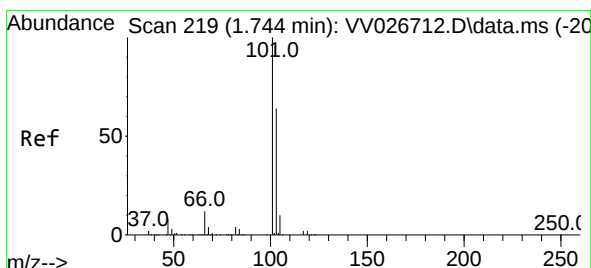
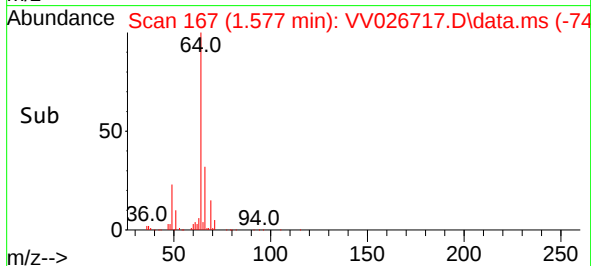
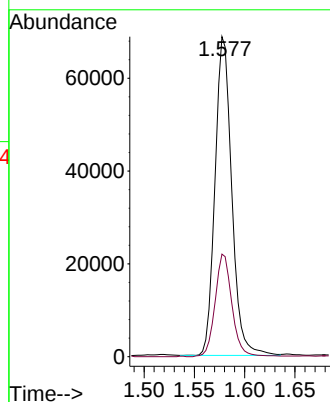
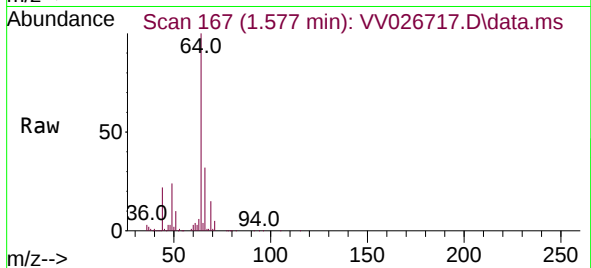




#8
Chloroethane
Concen: 4.544 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

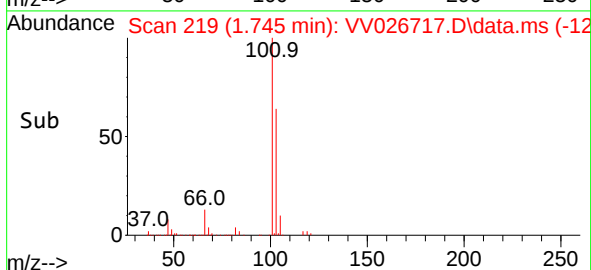
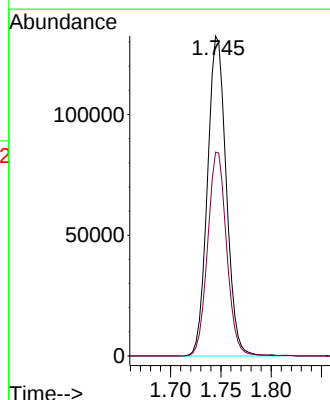
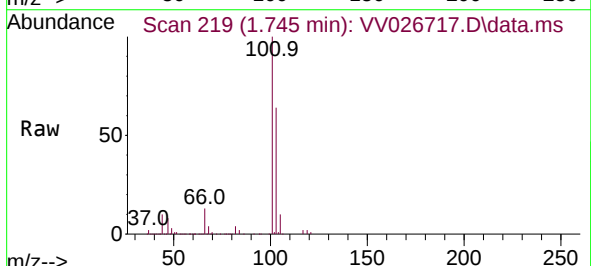
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ClientSampleId :
VSTD005349

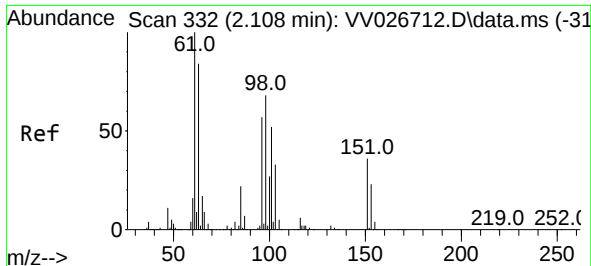
Tgt Ion: 64 Resp: 79716
Ion Ratio Lower Upper
64 100
66 32.1 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.551 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 101 Resp: 172215
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

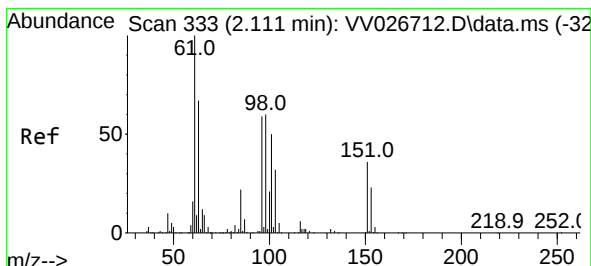
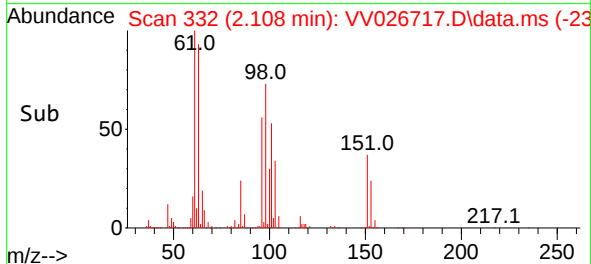
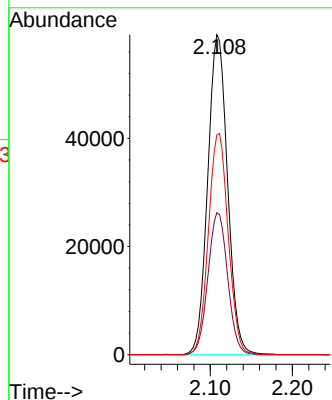
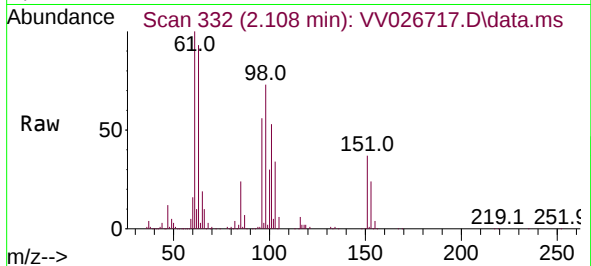




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.581 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

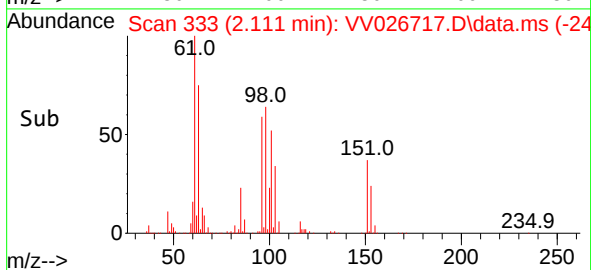
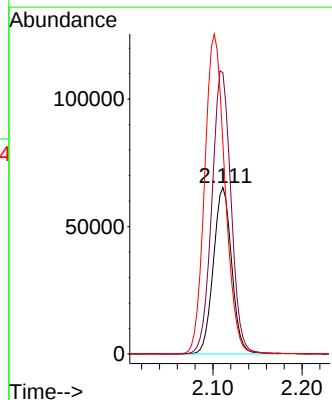
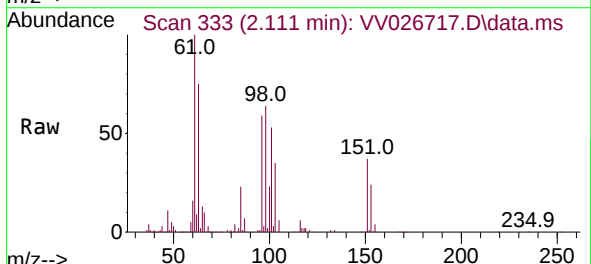
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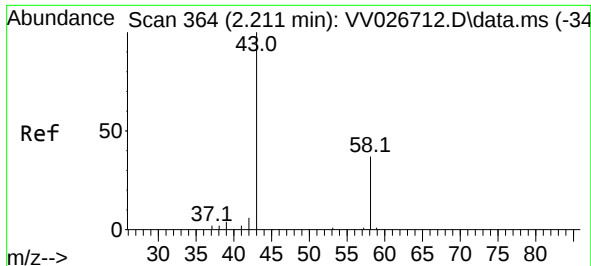
Tgt Ion:	101	Resp:	99309
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.0	52.4
151	69.1	56.7	85.1



#12
 1,1-Dichloroethene
 Concen: 4.437 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Tgt Ion:	96	Resp:	93263
Ion	Ratio	Lower	Upper
96	100		
61	168.9	118.3	219.7
63	126.3	79.9	148.3





#13

Acetone

Concen: 7.990 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.229 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

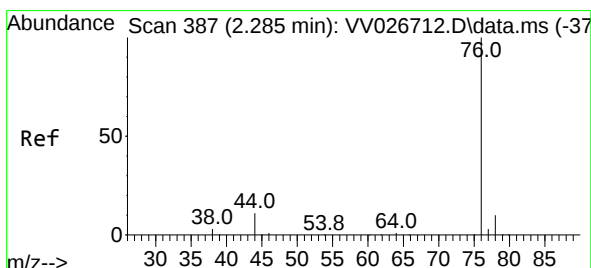
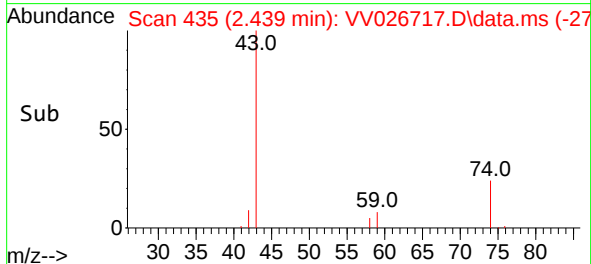
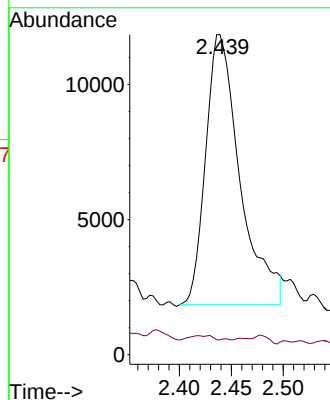
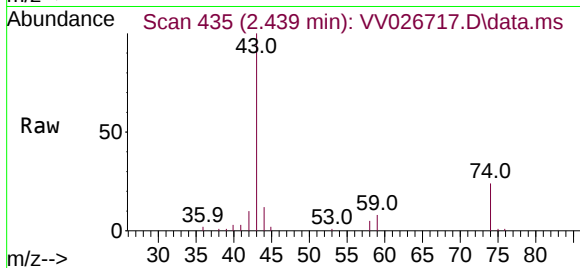
VSTD005349

Tgt Ion: 43 Resp: 22945

Ion Ratio Lower Upper

43 100

58 7.1 0.0 20.6



#14

Carbon disulfide

Concen: 4.486 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV026717.D

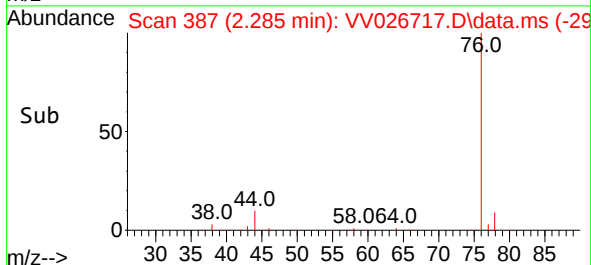
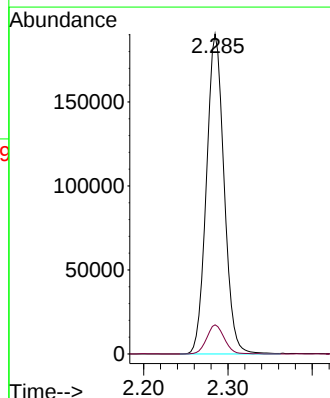
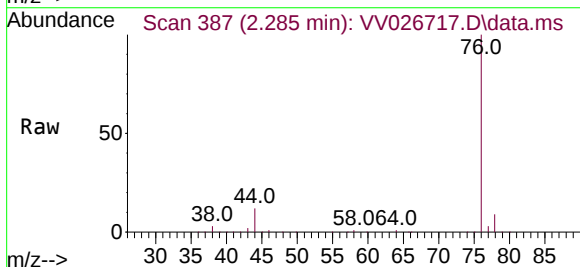
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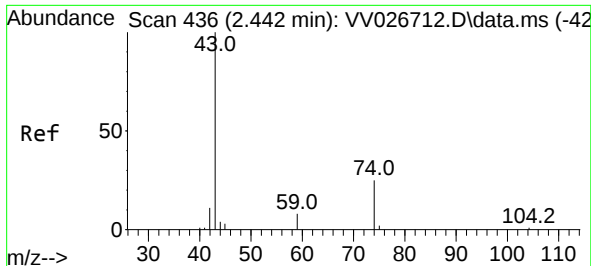
Tgt Ion: 76 Resp: 277812

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

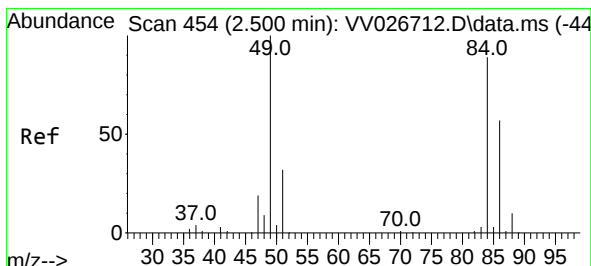
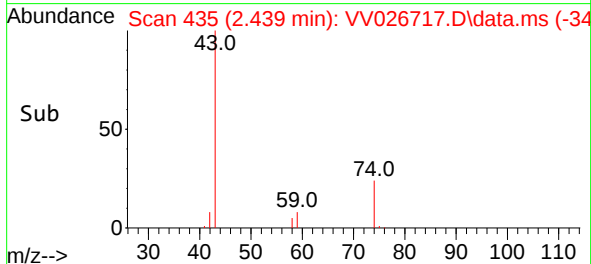
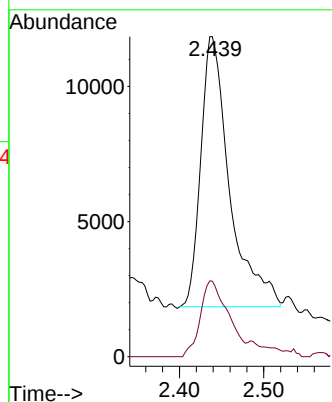
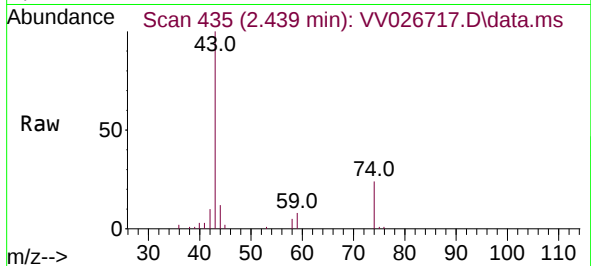




#15
Methyl Acetate
Concen: 4.100 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

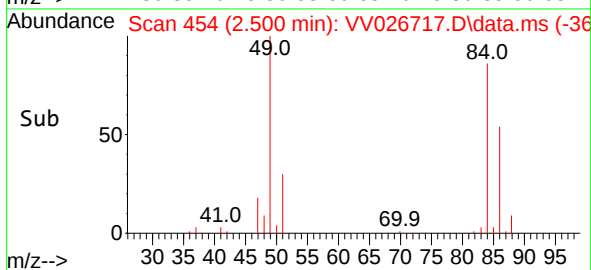
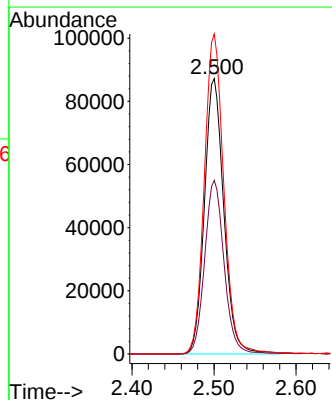
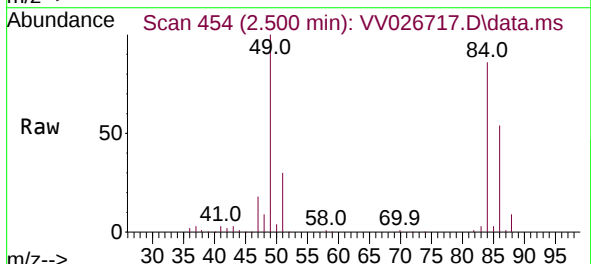
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

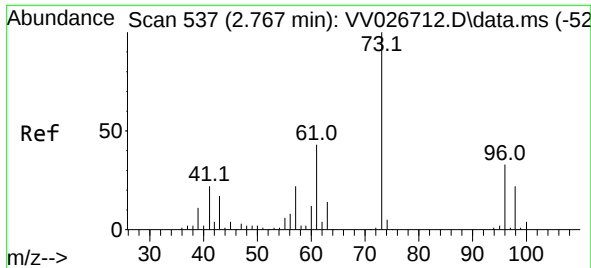
Tgt Ion: 43 Resp: 23813
Ion Ratio Lower Upper
43 100
74 27.0 20.1 30.1



#16
Methylene chloride
Concen: 5.716 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 84 Resp: 143114
Ion Ratio Lower Upper
84 100
86 63.1 44.8 83.2
49 116.2 78.7 146.1

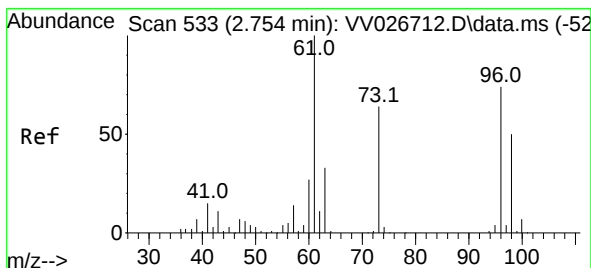
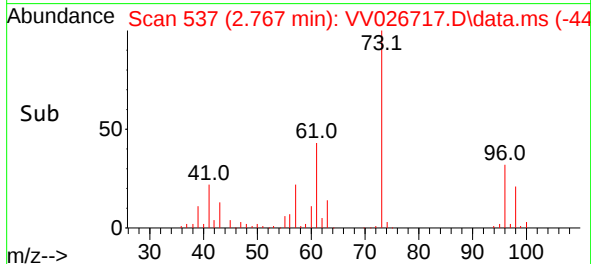
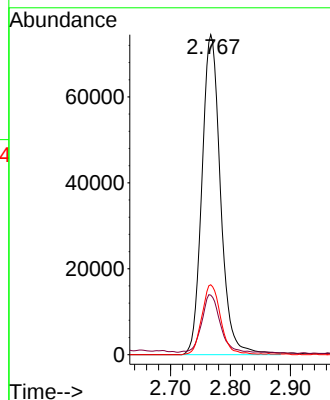
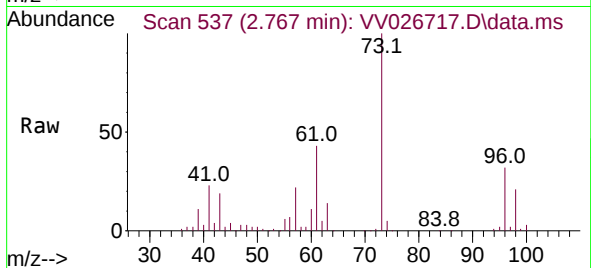




#17
Methyl tert-butyl Ether
Concen: 4.443 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

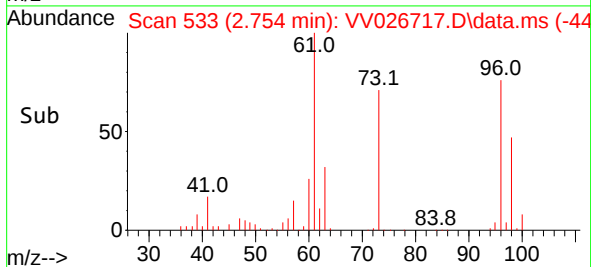
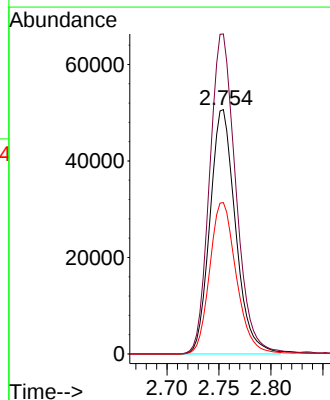
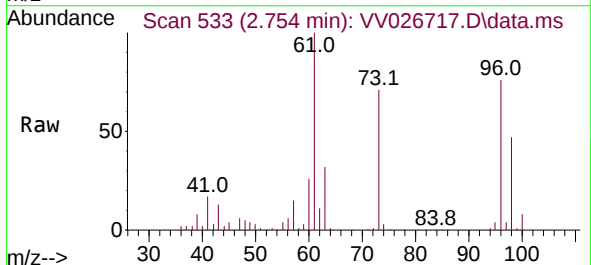
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

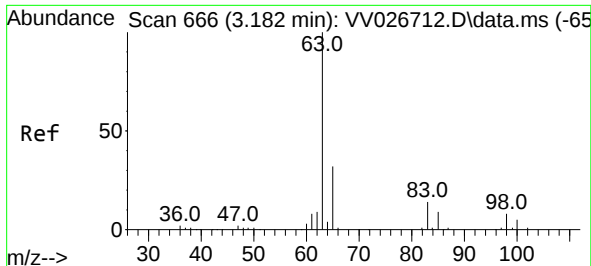
Tgt Ion: 73 Resp: 160873
Ion Ratio Lower Upper
73 100
43 18.4 14.0 21.0
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.495 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 96 Resp: 86829
Ion Ratio Lower Upper
96 100
61 131.0 94.7 175.9
98 62.0 47.4 88.0





#19

1,1-Dichloroethane

Concen: 4.558 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

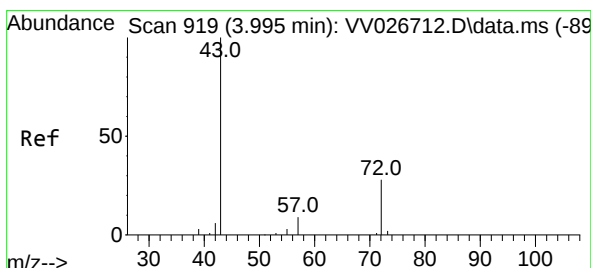
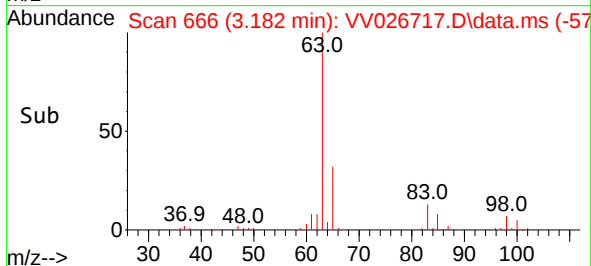
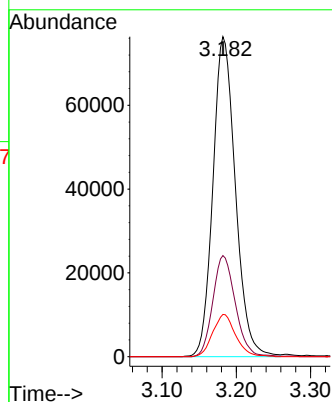
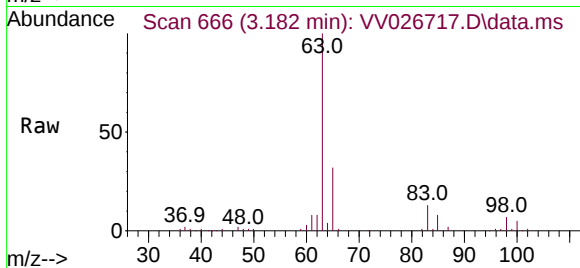
Tgt Ion: 63 Resp: 160773

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.2 9.9 18.5



#21

2-Butanone

Concen: 40.626 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.009 min

Lab File: VV026717.D

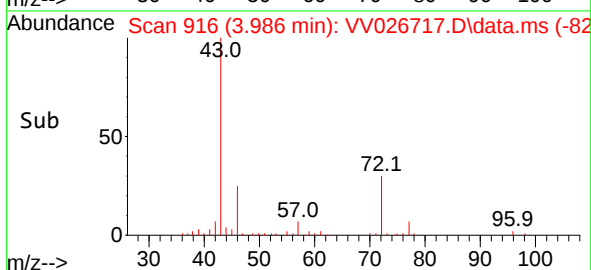
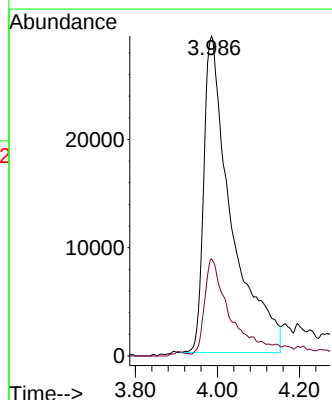
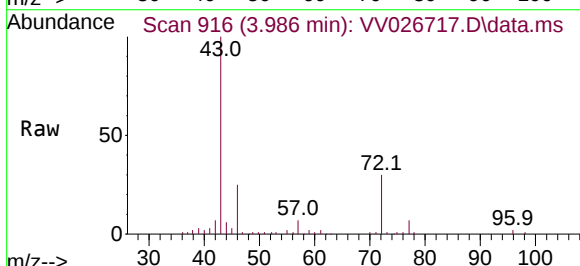
Acq: 12 Jul 2022 10:53

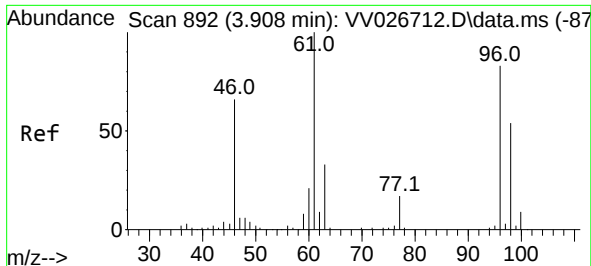
Tgt Ion: 43 Resp: 136061

Ion Ratio Lower Upper

43 100

72 24.5 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 4.363 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

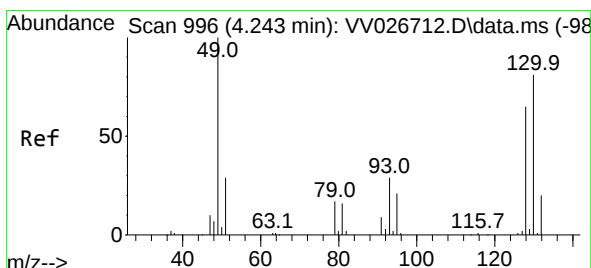
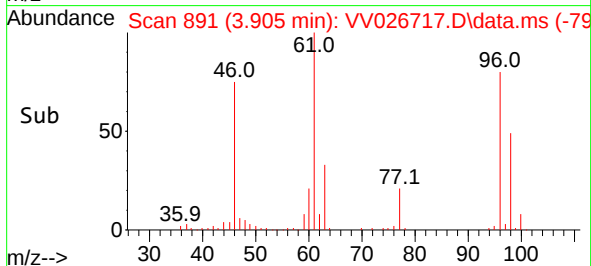
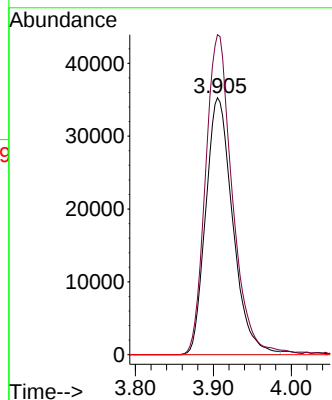
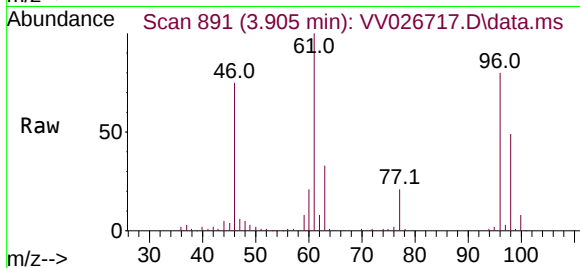
Tgt Ion: 96 Resp: 85010

Ion Ratio Lower Upper

96 100

61 124.6 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.436 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Tgt Ion: 128 Resp: 39817

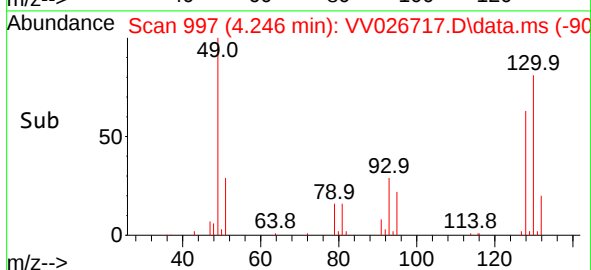
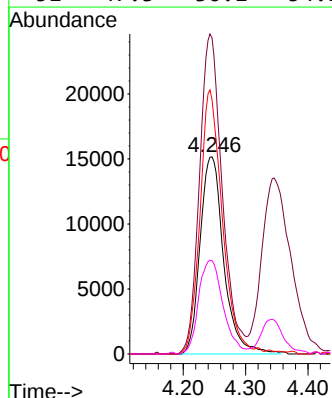
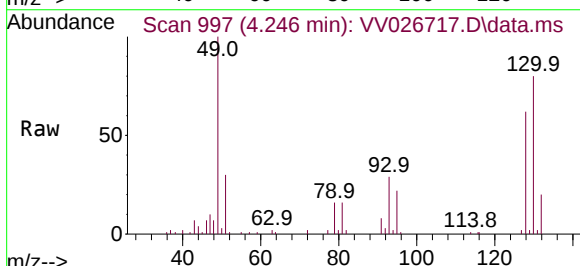
Ion Ratio Lower Upper

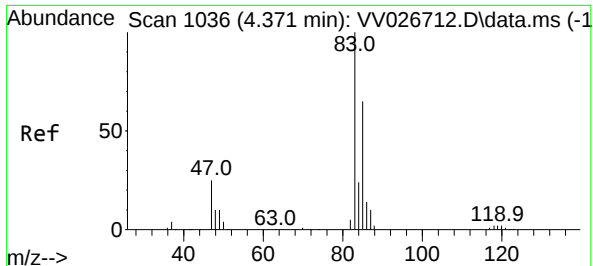
128 100

49 160.3 107.2 199.2

130 128.9 87.1 161.7

51 47.3 36.1 54.1

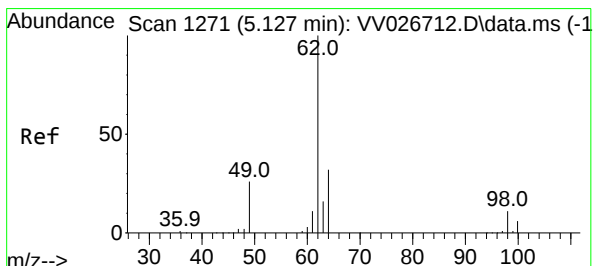
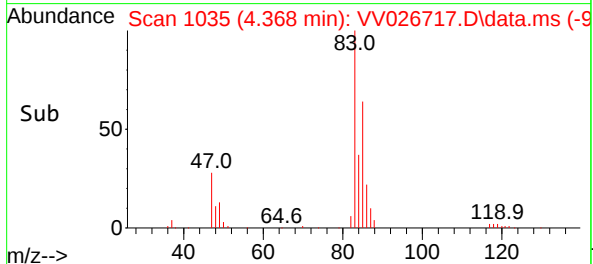
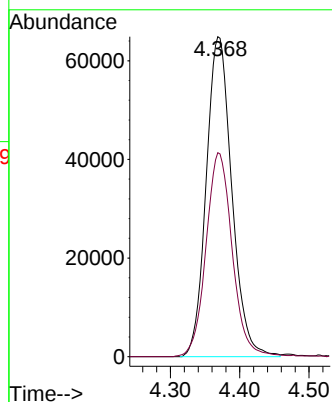
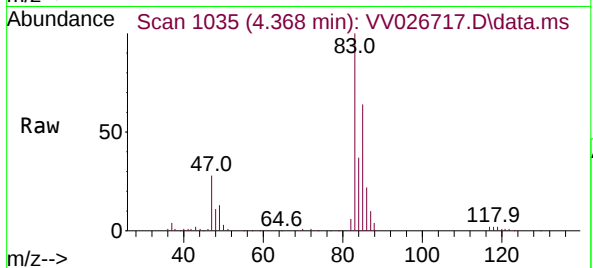




#25
Chloroform
Concen: 4.506 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

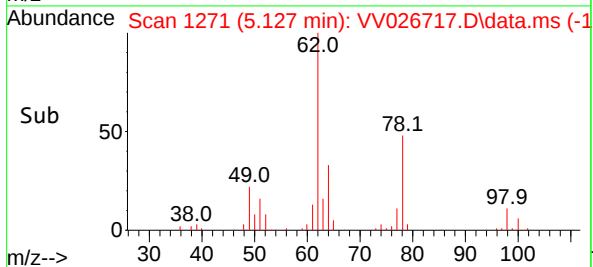
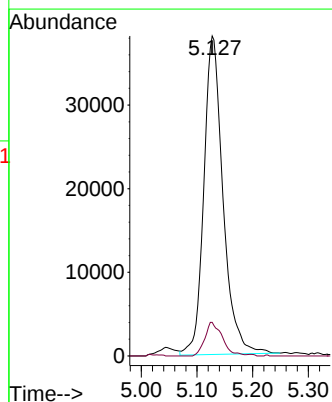
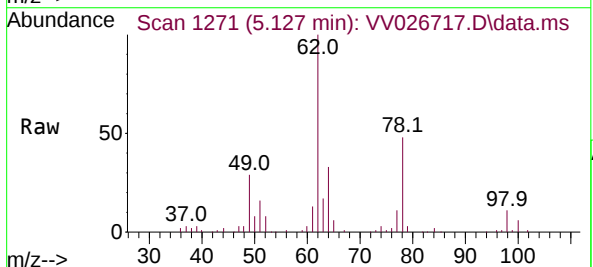
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

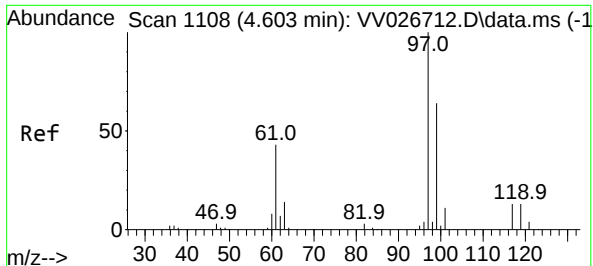
Tgt Ion: 83 Resp: 166485
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.586 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 62 Resp: 91293
Ion Ratio Lower Upper
62 100
98 10.5 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 4.483 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

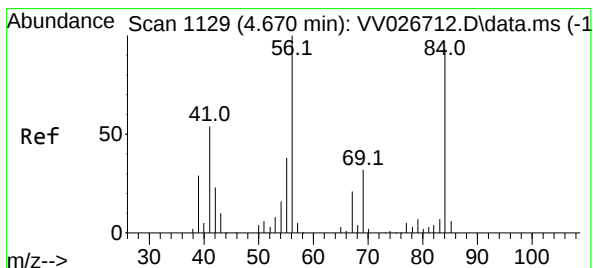
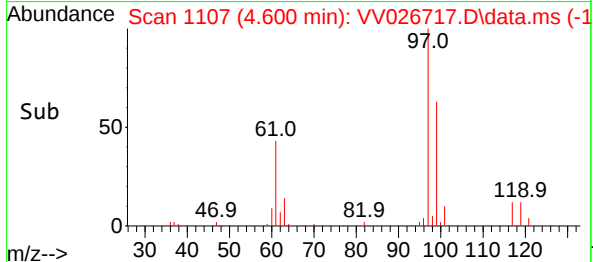
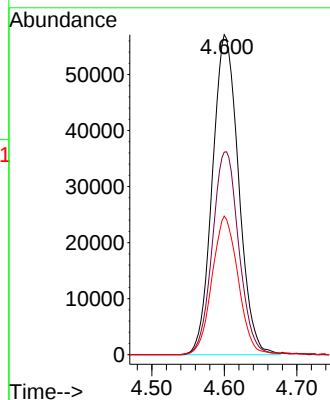
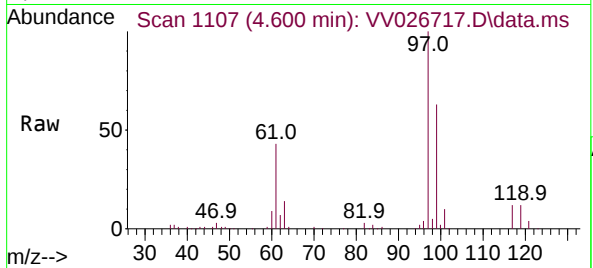
Tgt Ion: 97 Resp: 143455

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 43.0 35.1 52.7



#30

Cyclohexane

Concen: 4.437 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

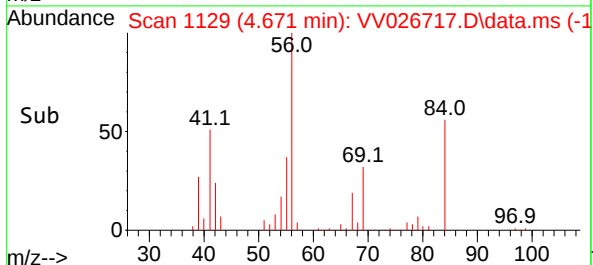
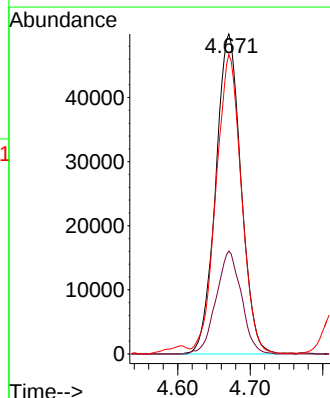
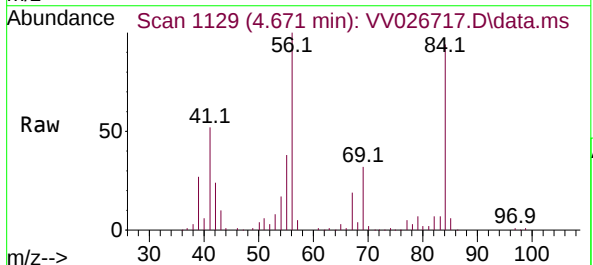
Tgt Ion: 56 Resp: 120989

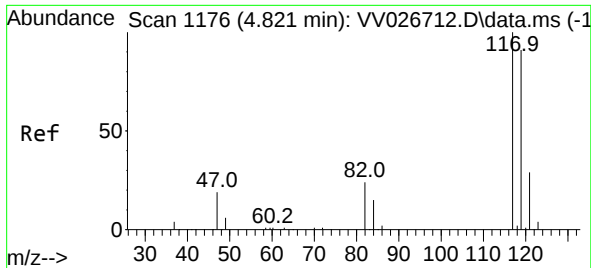
Ion Ratio Lower Upper

56 100

69 32.0 25.1 37.7

84 93.7 74.0 111.0

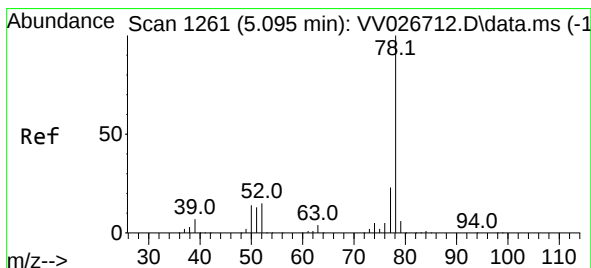
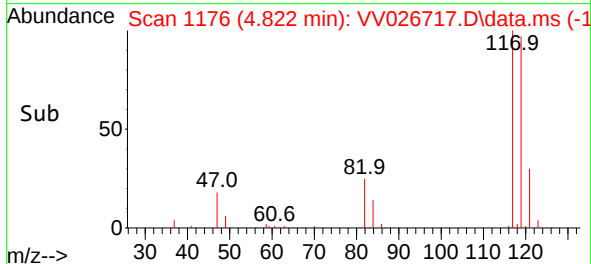
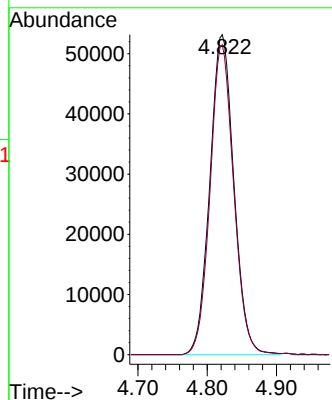
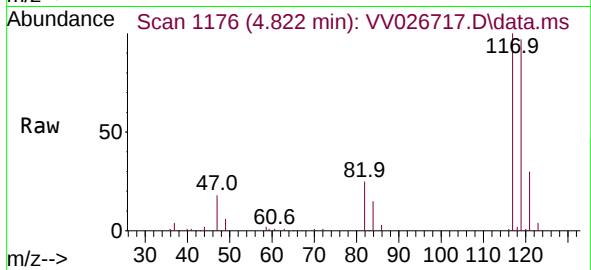




#31
Carbon tetrachloride
Concen: 4.535 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

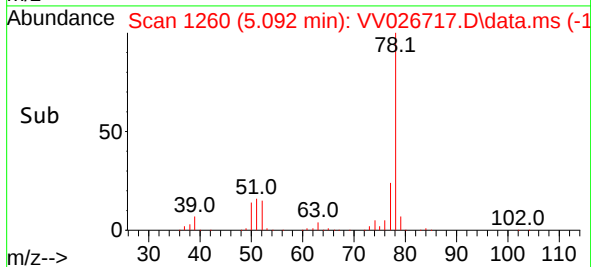
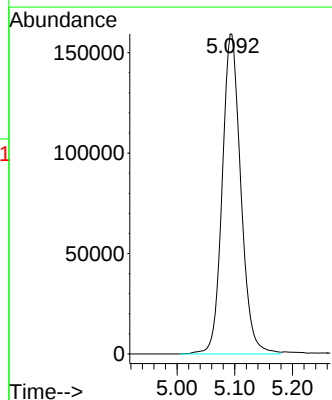
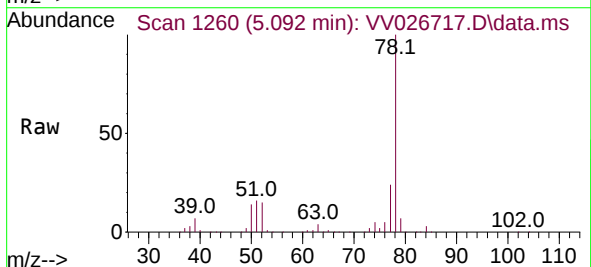
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

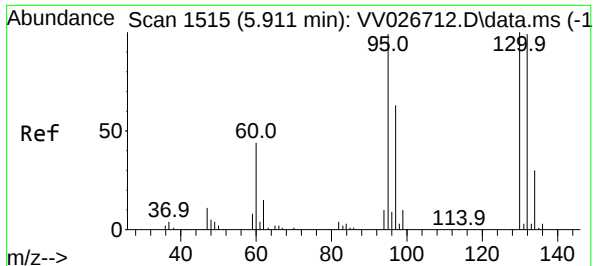
Tgt Ion:117 Resp: 128178
Ion Ratio Lower Upper
117 100
119 94.9 75.1 112.7



#33
Benzene
Concen: 4.496 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 78 Resp: 356931

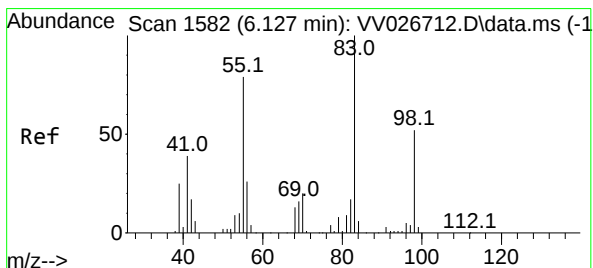
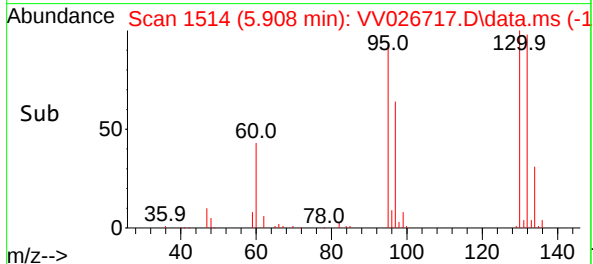
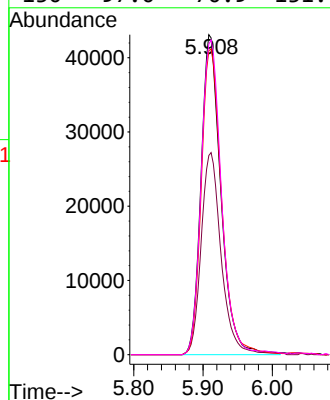
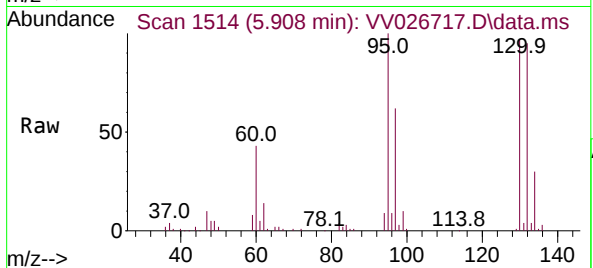




#34
Trichloroethene
Concen: 4.401 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

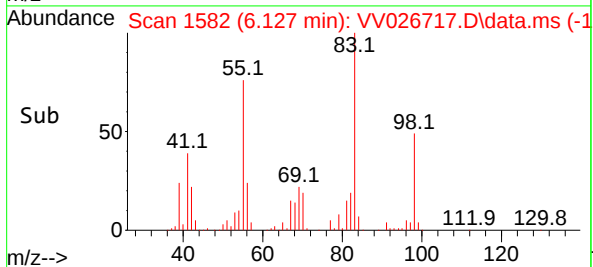
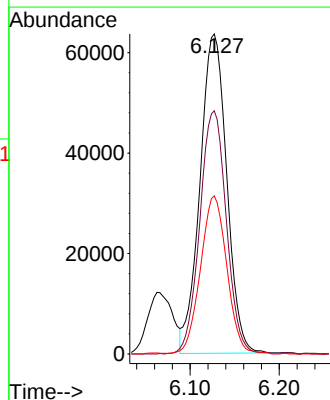
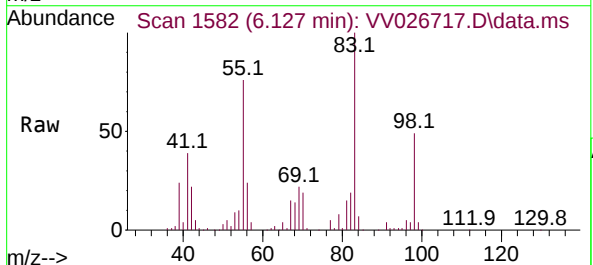
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

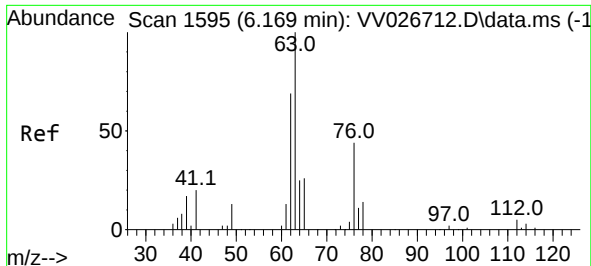
Tgt Ion: 95 Resp: 85878
Ion Ratio Lower Upper
95 100
97 62.3 44.6 82.8
132 95.0 70.2 130.4
130 97.0 70.9 131.7



#35
Methylcyclohexane
Concen: 4.450 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 83 Resp: 132546
Ion Ratio Lower Upper
83 100
55 75.9 59.5 89.3
98 48.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.619 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

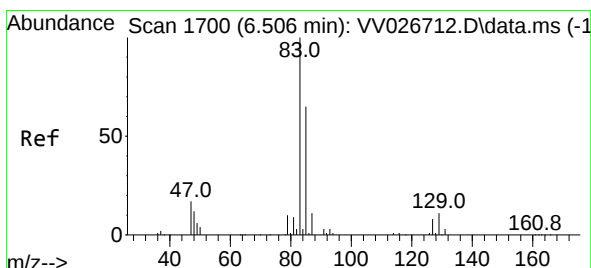
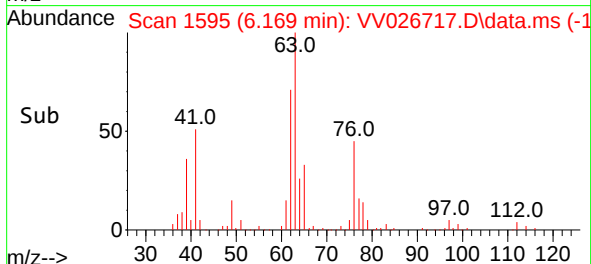
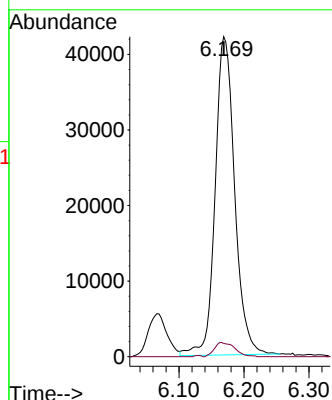
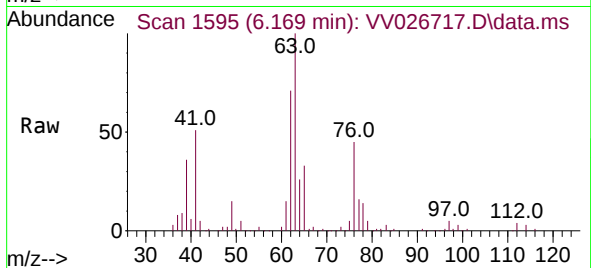
VSTD005349

Tgt Ion: 63 Resp: 87702

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.2



#38

Bromodichloromethane

Concen: 4.473 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

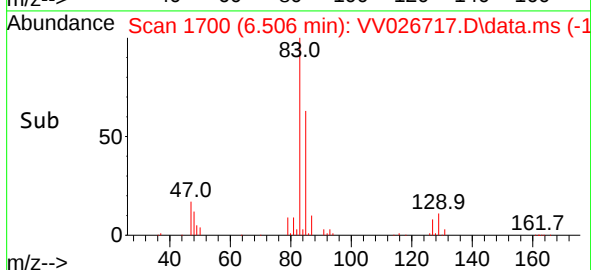
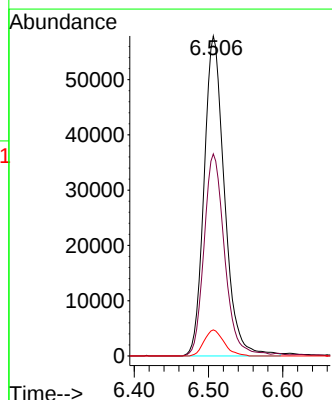
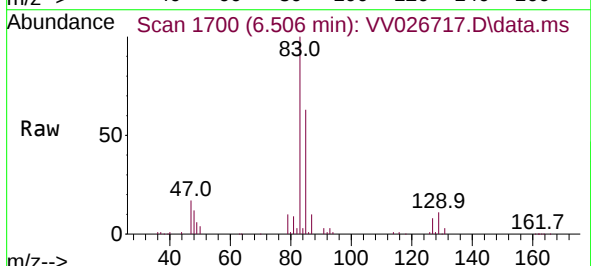
Tgt Ion: 83 Resp: 110723

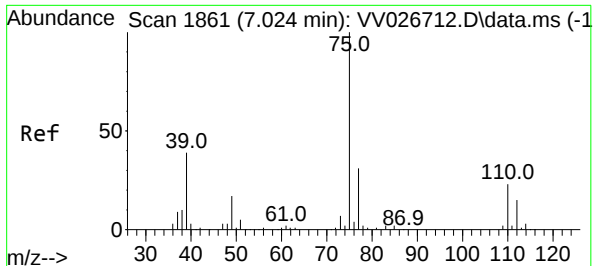
Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.4

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.514 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

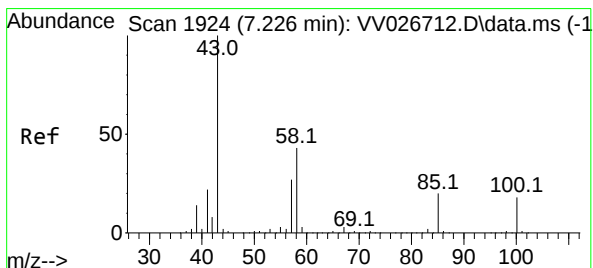
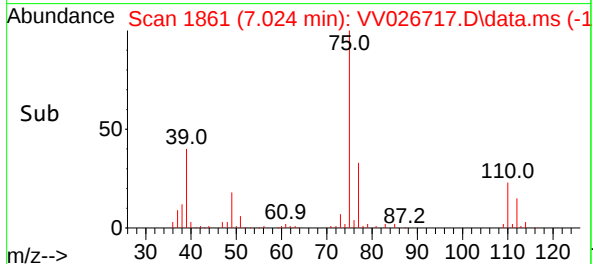
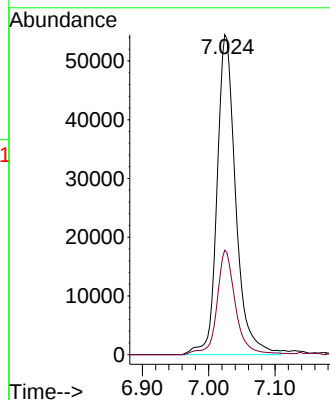
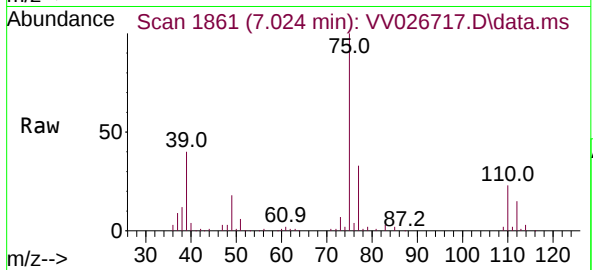
VSTD005349

Tgt Ion: 75 Resp: 106517

Ion Ratio Lower Upper

75 100

77 32.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 45.227 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

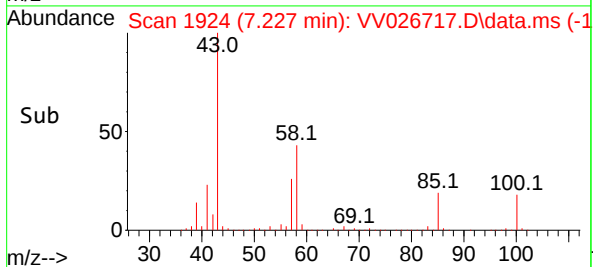
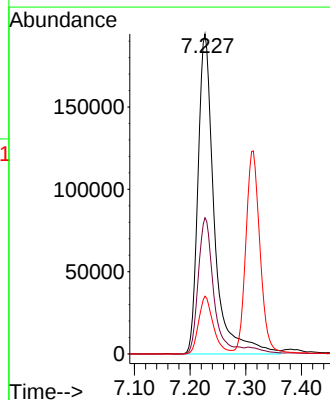
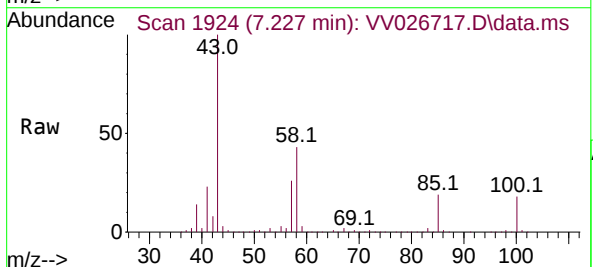
Tgt Ion: 43 Resp: 396630

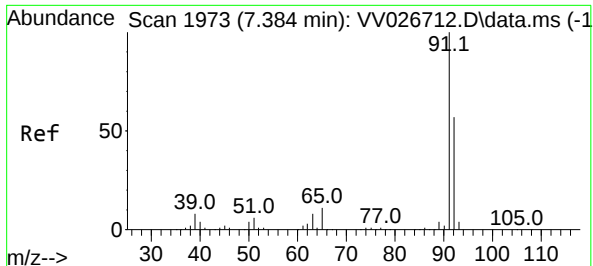
Ion Ratio Lower Upper

43 100

58 40.4 34.6 51.8

100 16.3 13.6 20.4

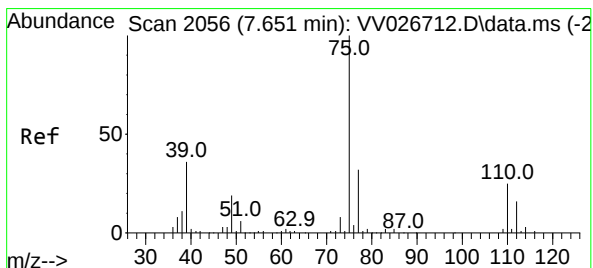
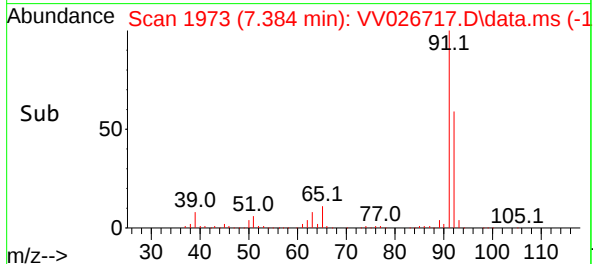
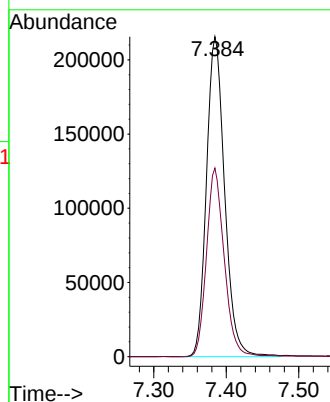
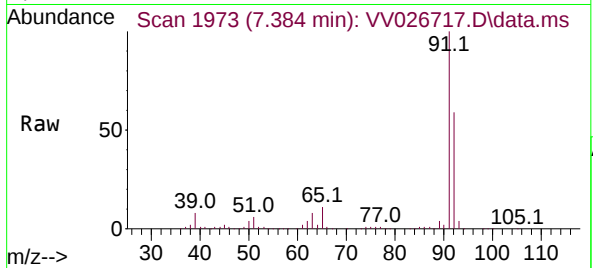




#42
Toluene
Concen: 4.685 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

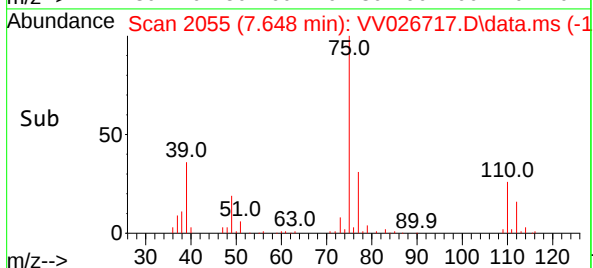
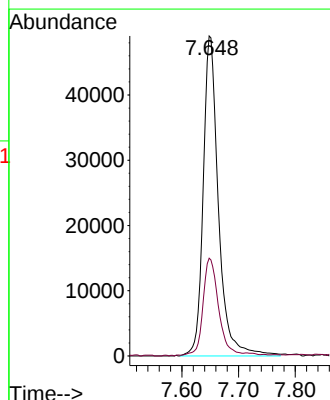
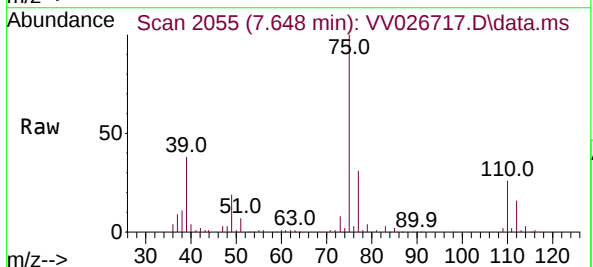
Instrument : MSVOA_V
ClientSampleId : VSTD005349

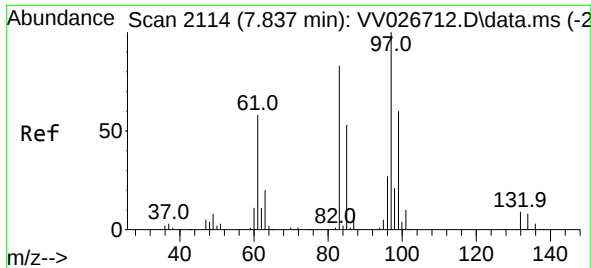
Tgt Ion: 91 Resp: 375670
Ion Ratio Lower Upper
91 100
92 59.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.745 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 75 Resp: 91936
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.3

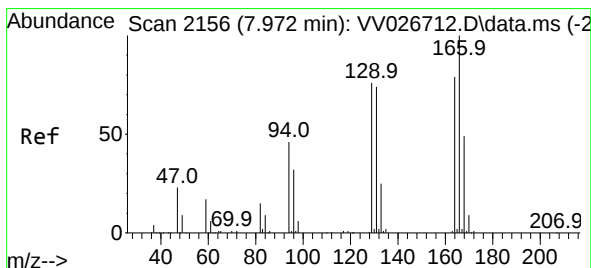
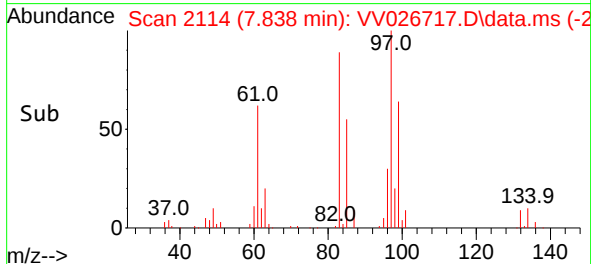
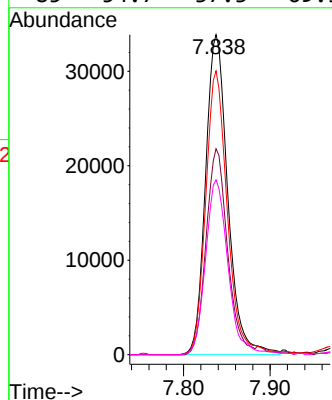
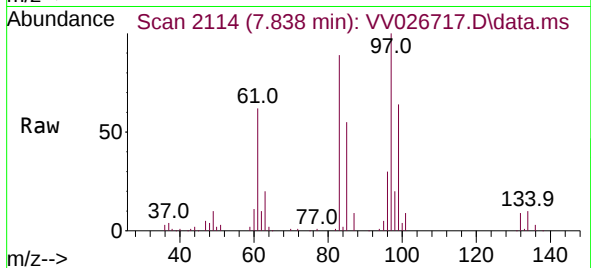




#45
1,1,2-Trichloroethane
Concen: 4.362 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

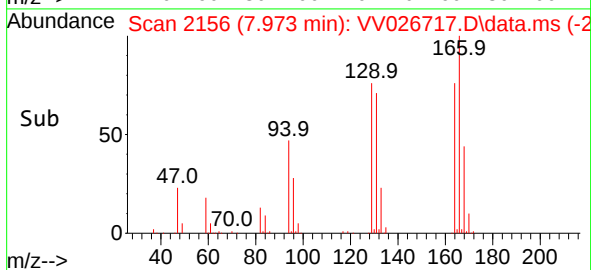
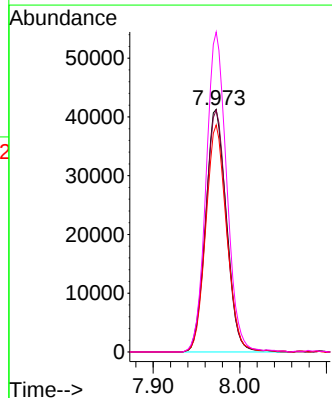
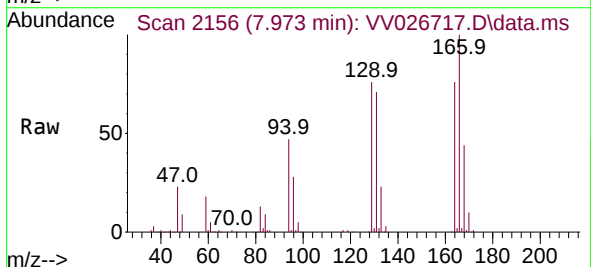
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

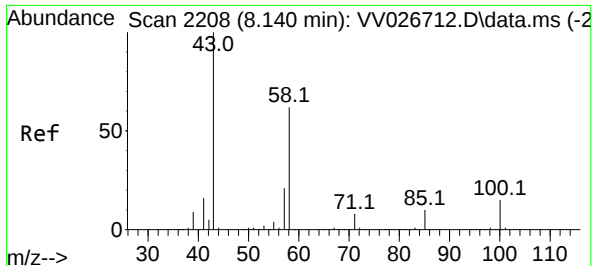
Tgt Ion: 97	Resp: 60535
Ion Ratio	Lower Upper
97 100	
99 64.3	41.9 77.9
83 88.7	58.1 107.9
85 54.7	37.3 69.3



#47
Tetrachloroethene
Concen: 4.494 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion:164	Resp: 68773
Ion Ratio	Lower Upper
164 100	
129 99.7	67.8 125.8
131 93.6	65.9 122.5
166 132.0	88.8 164.8

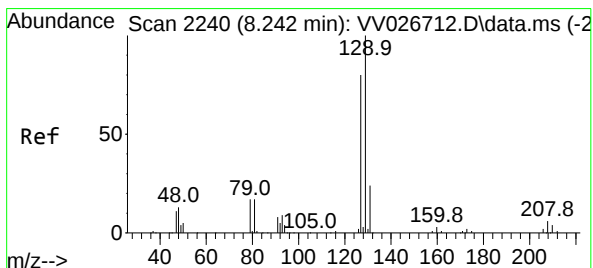
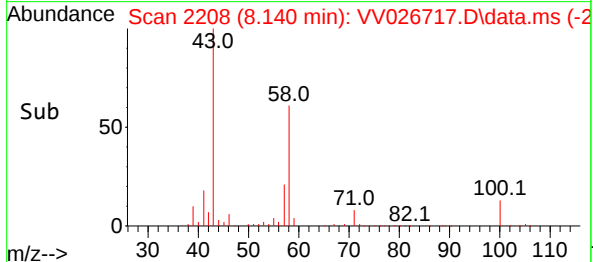
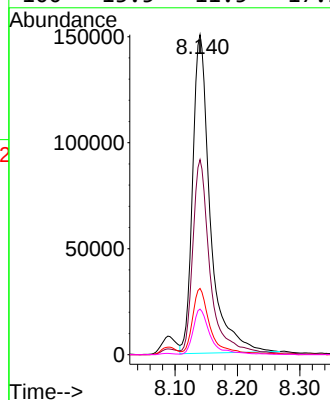
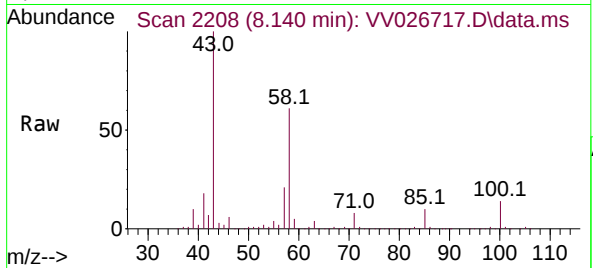




#48
2-Hexanone
Concen: 46.382 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

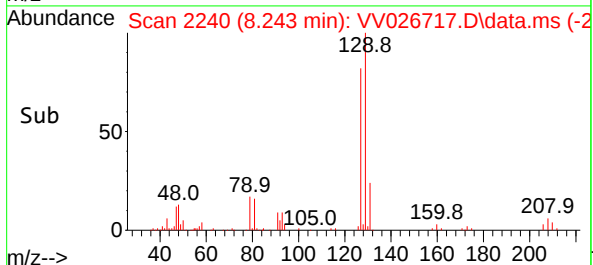
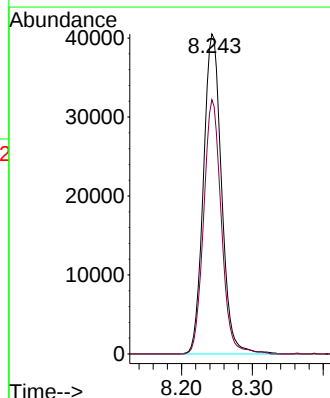
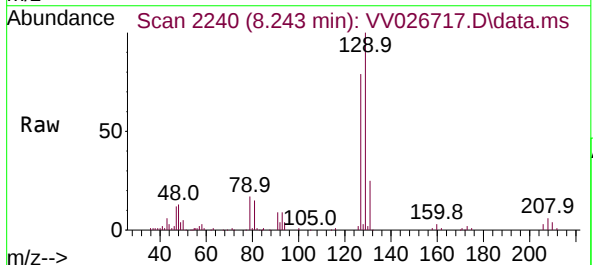
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

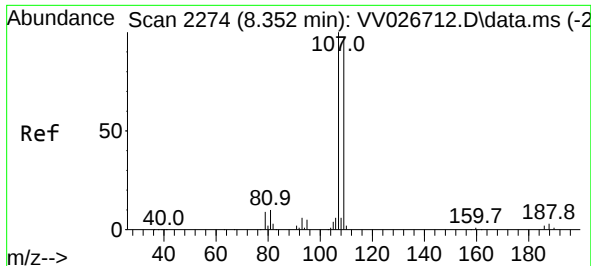
Tgt Ion:	43	Resp:	294398
Ion	Ratio	Lower	Upper
43	100		
58	59.7	47.9	71.9
57	20.9	16.3	24.5
100	13.5	11.5	17.3



#49
Dibromochloromethane
Concen: 4.497 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion:	129	Resp:	71928
Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.7	103.5





#50

1,2-Dibromoethane

Concen: 4.475 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

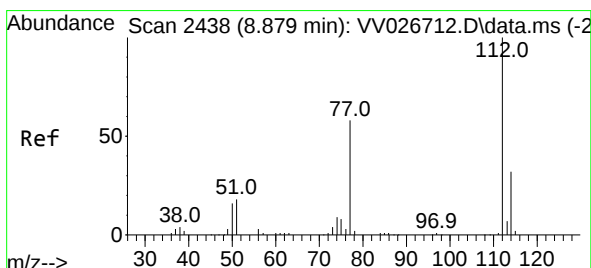
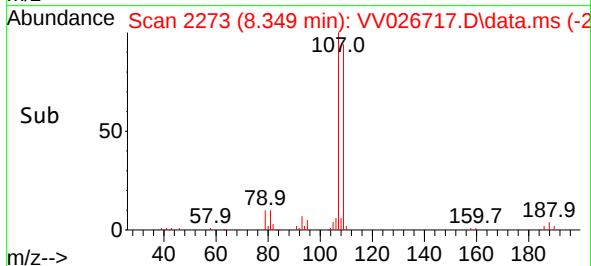
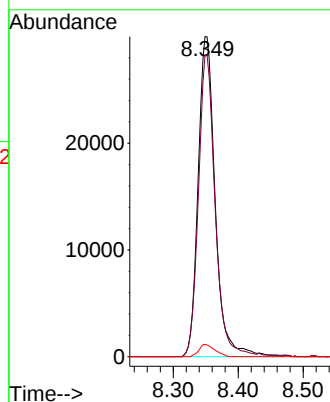
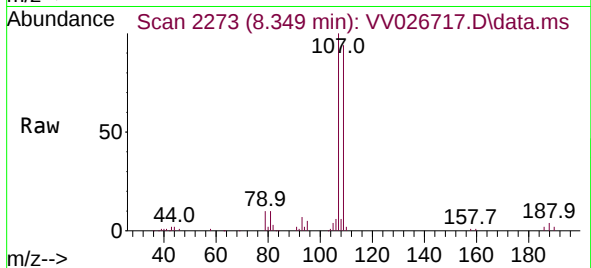
Tgt Ion:107 Resp: 54948

Ion Ratio Lower Upper

107 100

109 94.2 68.0 126.4

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 4.511 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

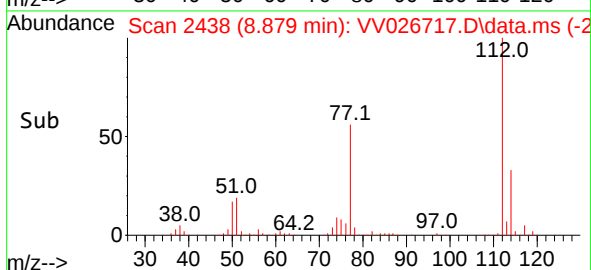
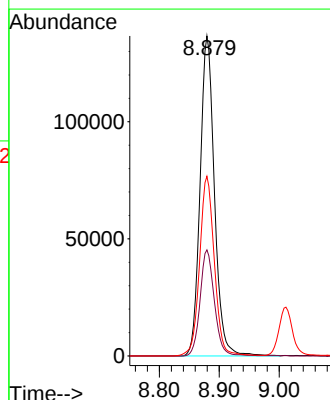
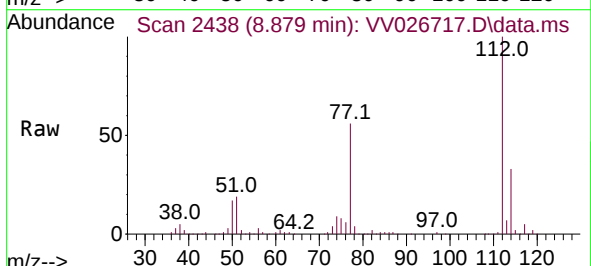
Tgt Ion:112 Resp: 228721

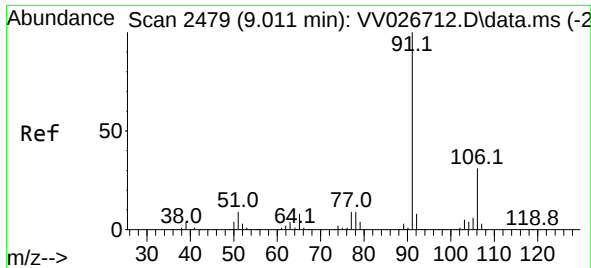
Ion Ratio Lower Upper

112 100

114 33.2 22.7 42.1

77 56.1 46.6 70.0

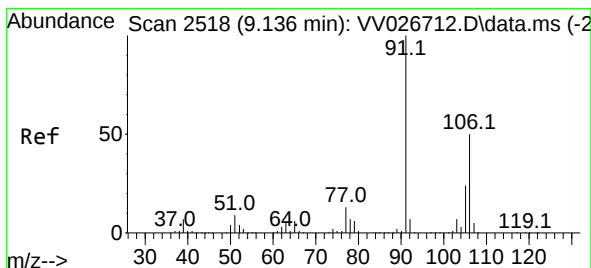
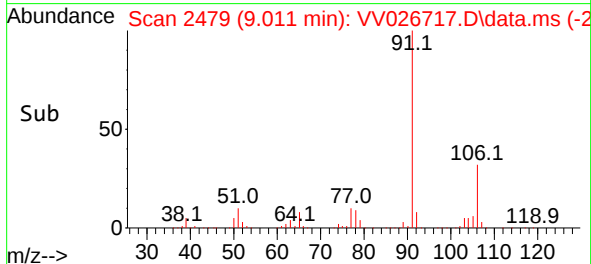
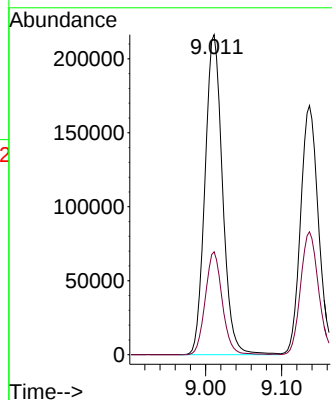
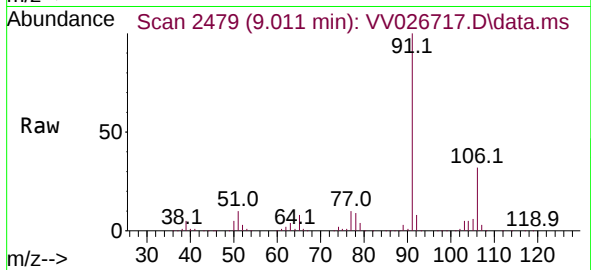




#52
Ethylbenzene
Concen: 4.365 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

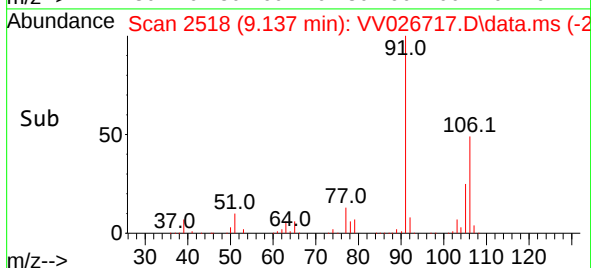
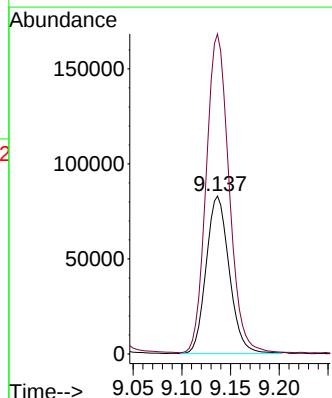
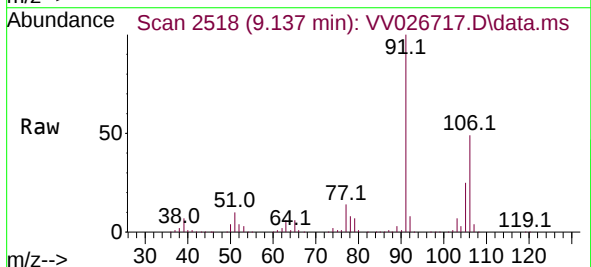
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

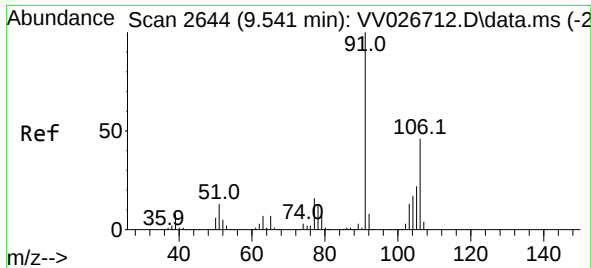
Tgt Ion: 91 Resp: 346391
Ion Ratio Lower Upper
91 100
106 32.1 21.6 40.2



#53
m,p-Xylene
Concen: 4.439 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 106 Resp: 136971
Ion Ratio Lower Upper
106 100
91 202.7 139.3 258.7

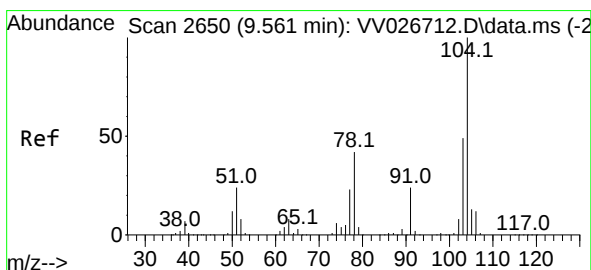
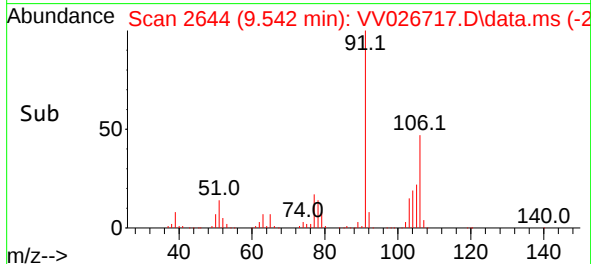
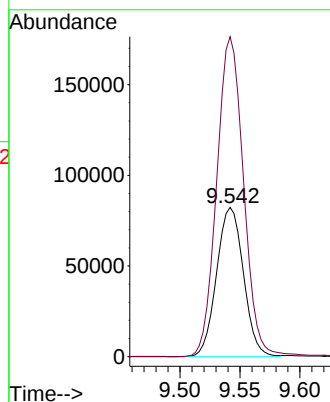
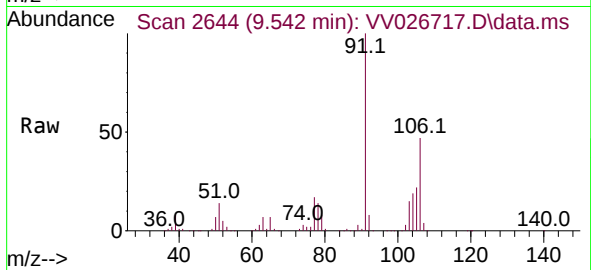




#54
o-Xylene
Concen: 4.366 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

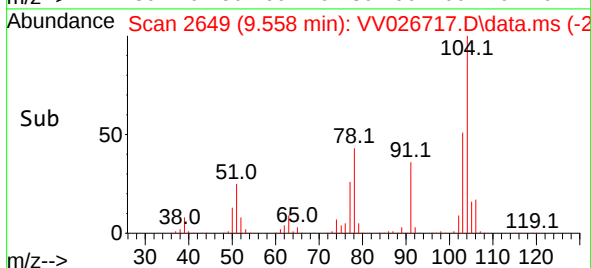
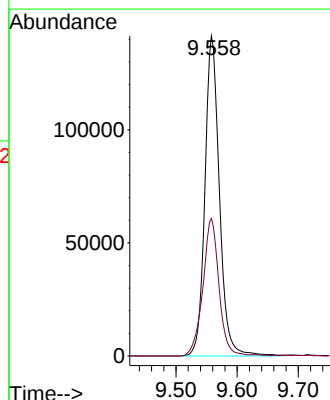
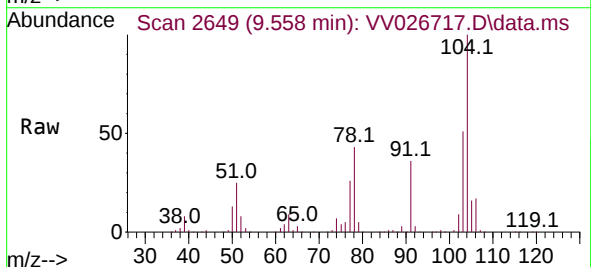
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

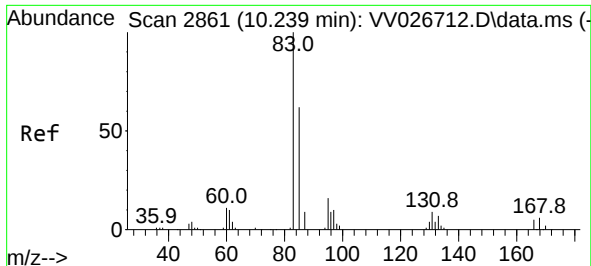
Tgt Ion:106 Resp: 128038
Ion Ratio Lower Upper
106 100
91 214.4 151.1 280.7



#55
Styrene
Concen: 4.549 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion:104 Resp: 233795
Ion Ratio Lower Upper
104 100
78 43.0 29.5 54.9

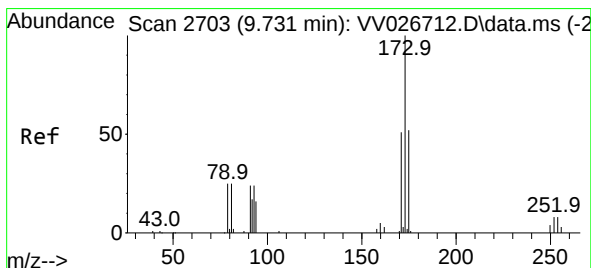
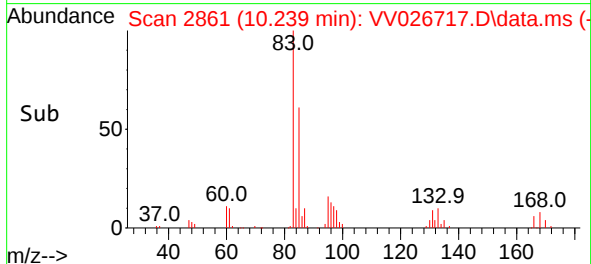
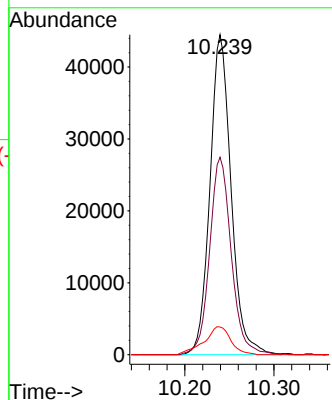
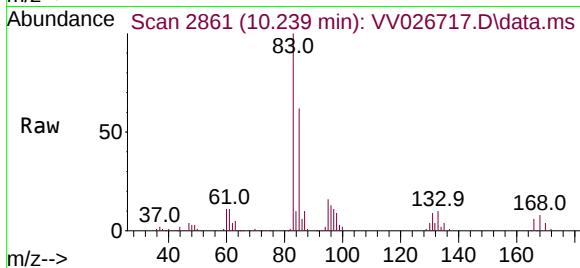




#57
1,1,2,2-Tetrachloroethane
Concen: 4.459 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

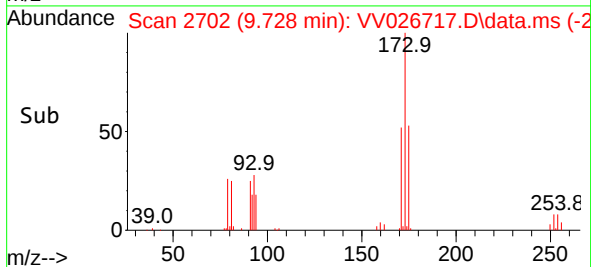
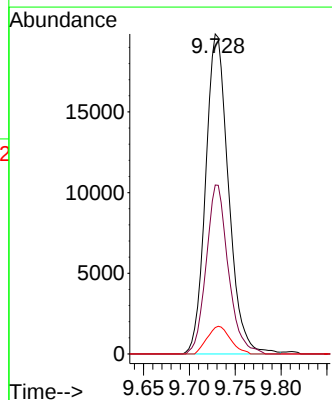
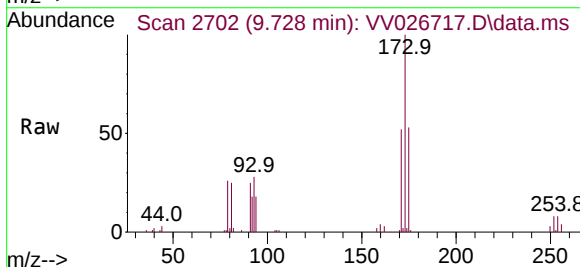
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

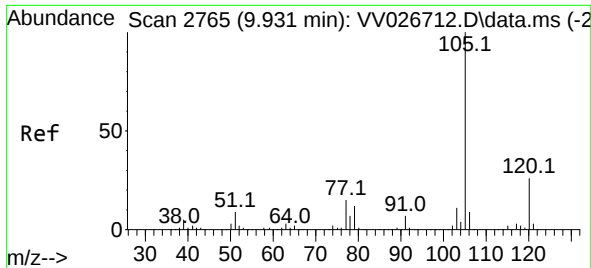
Tgt Ion: 83 Resp: 73254
Ion Ratio Lower Upper
83 100
85 61.7 43.6 81.0
131 8.7 7.4 11.2



#59
Bromoform
Concen: 4.354 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 173 Resp: 34414
Ion Ratio Lower Upper
173 100
175 51.0 40.7 61.1
254 8.7 6.5 9.7

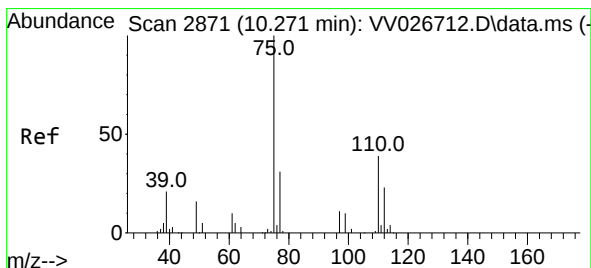
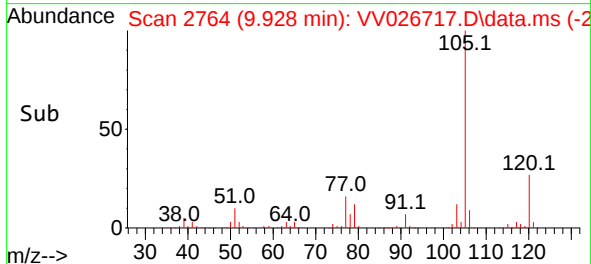
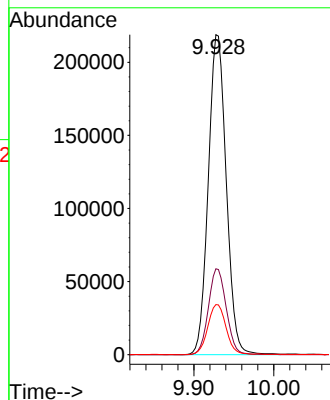
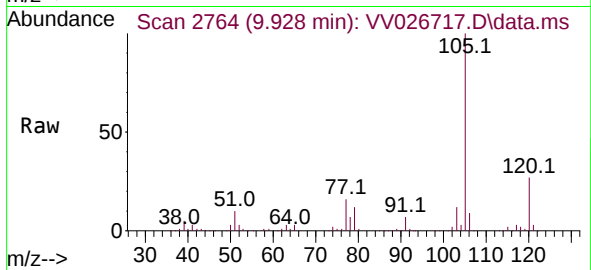




#60
Isopropylbenzene
Concen: 4.447 ug/L
RT: 9.928 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

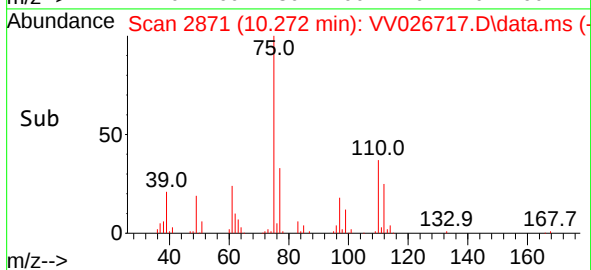
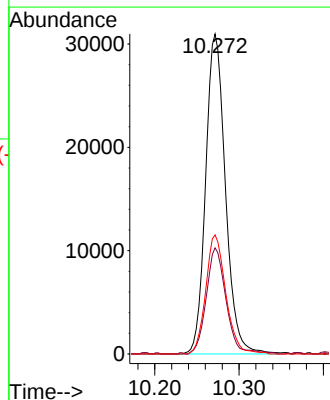
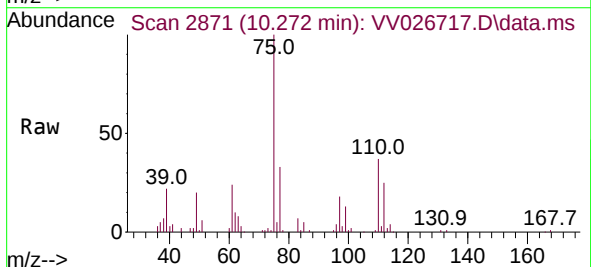
Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

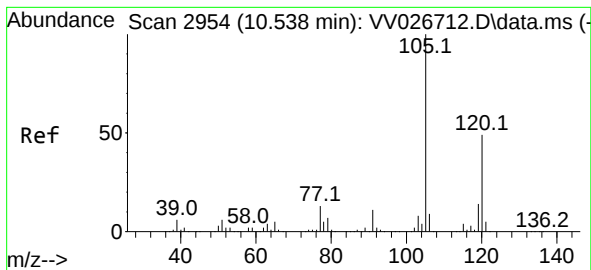
Tgt Ion:105 Resp: 341669
Ion Ratio Lower Upper
105 100
120 26.7 20.7 31.1
77 16.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.462 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion: 75 Resp: 50684
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0
110 37.7 31.8 47.6

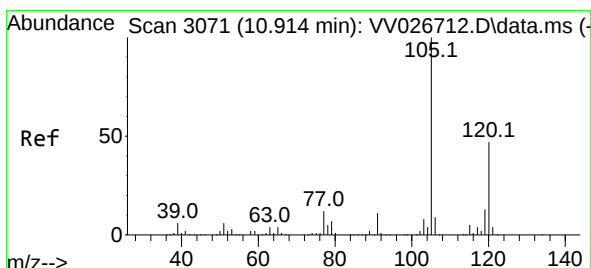
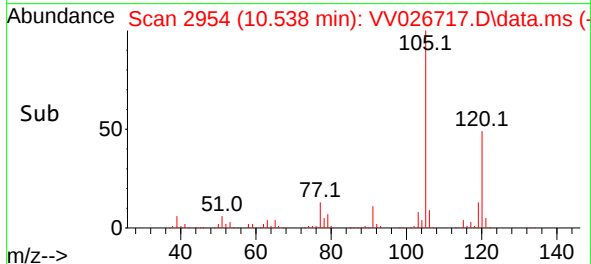
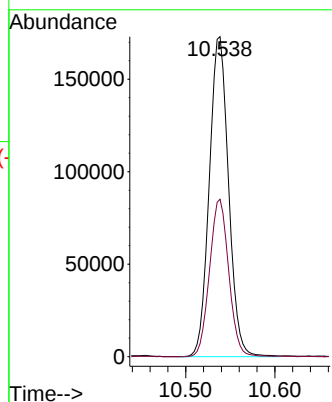
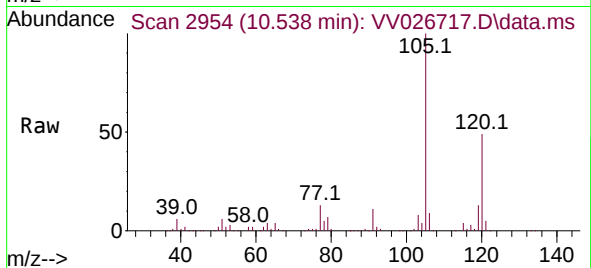




#62
 1,3,5-Trimethylbenzene
 Concen: 4.251 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

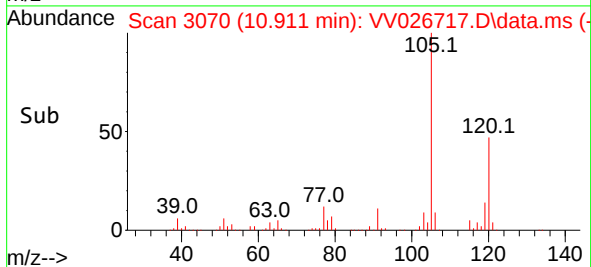
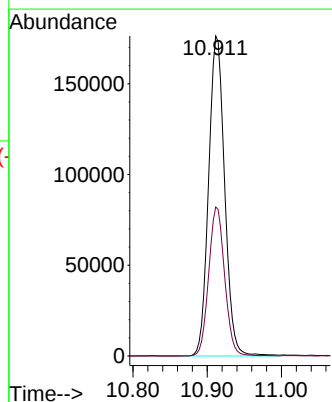
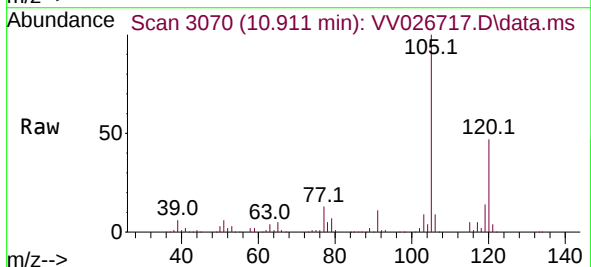
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

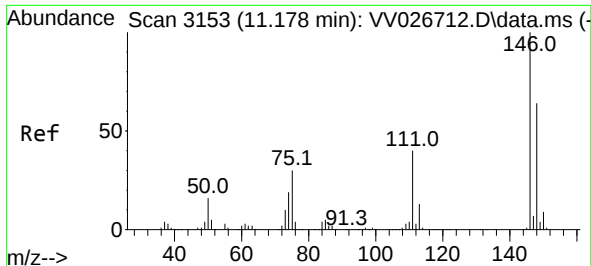
Tgt Ion:105 Resp: 259861
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.251 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Tgt Ion:105 Resp: 263863
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.8 55.2

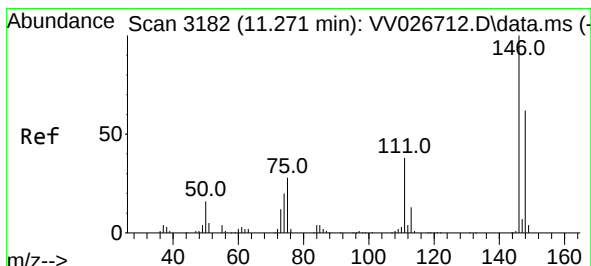
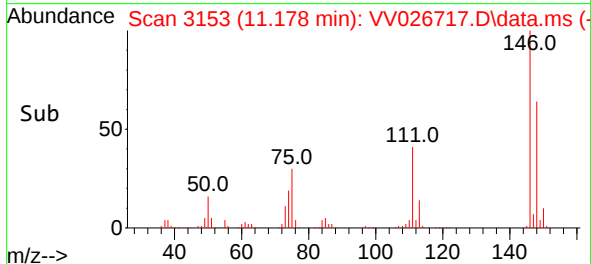
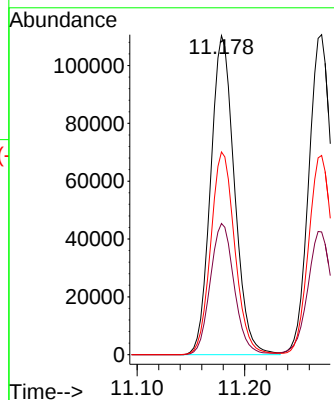
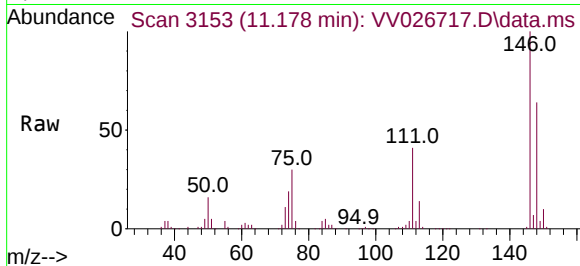




#64
 1,3-Dichlorobenzene
 Concen: 4.517 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

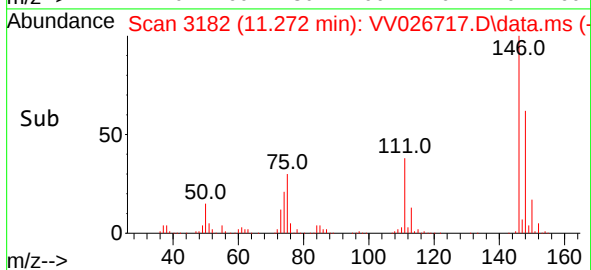
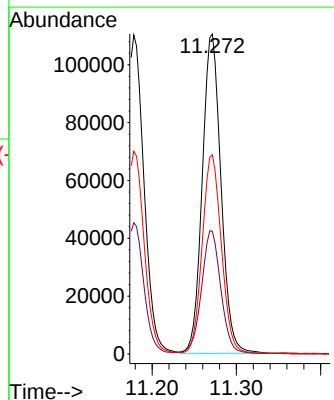
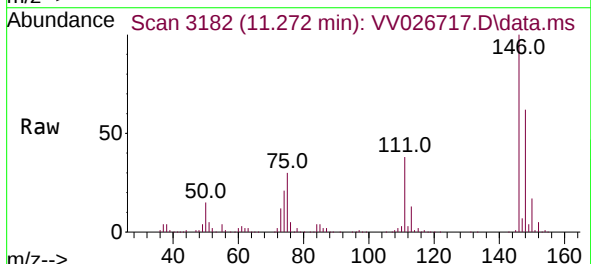
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

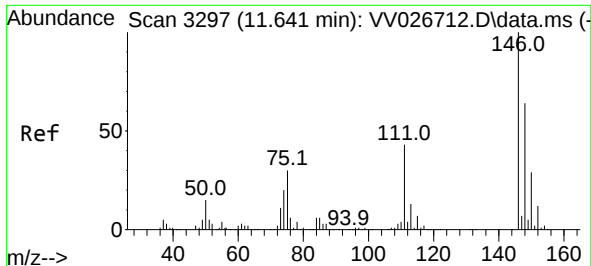
Tgt Ion:146 Resp: 170040
 Ion Ratio Lower Upper
 146 100
 111 41.1 27.9 51.7
 148 63.5 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 4.476 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Tgt Ion:146 Resp: 171327
 Ion Ratio Lower Upper
 146 100
 111 38.4 26.8 49.8
 148 62.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 4.500 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005349

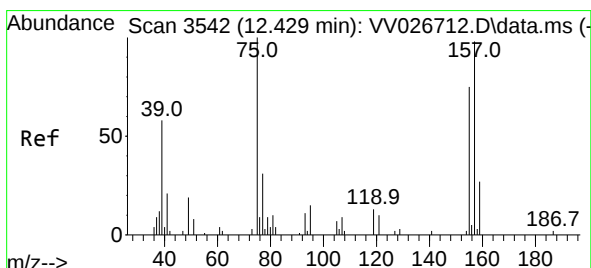
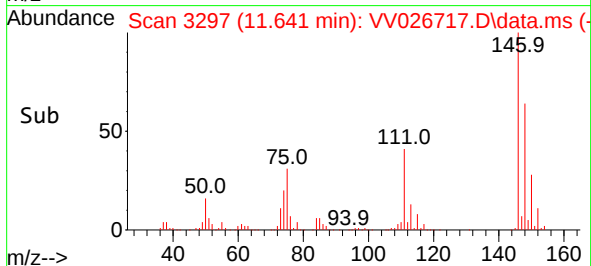
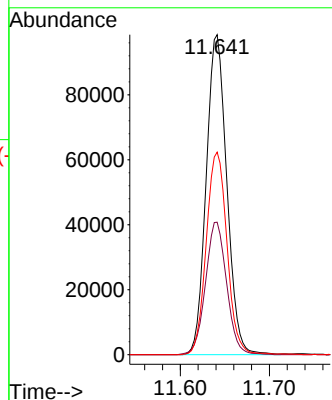
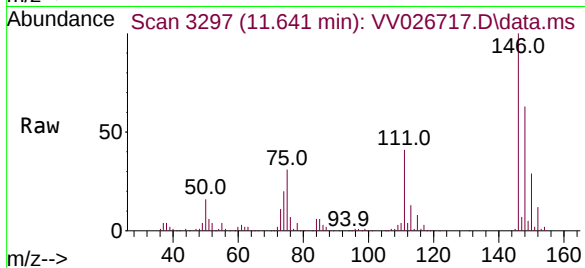
Tgt Ion:146 Resp: 158171

Ion Ratio Lower Upper

146 100

111 41.4 34.6 52.0

148 63.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.431 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026717.D

Acq: 12 Jul 2022 10:53

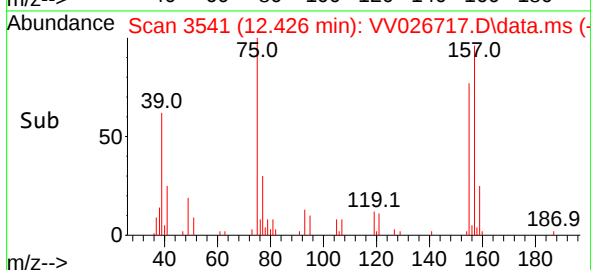
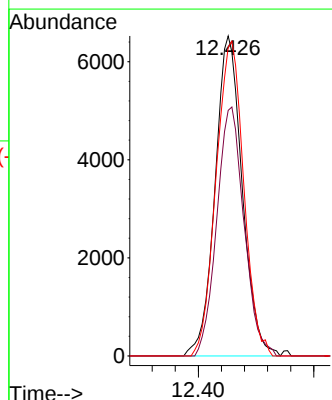
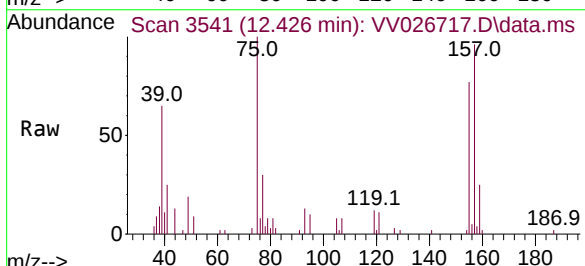
Tgt Ion: 75 Resp: 10670

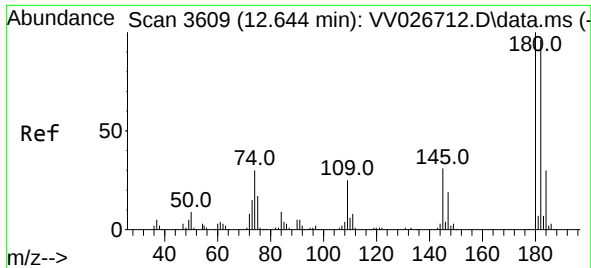
Ion Ratio Lower Upper

75 100

155 76.8 60.3 90.5

157 96.5 78.2 117.4



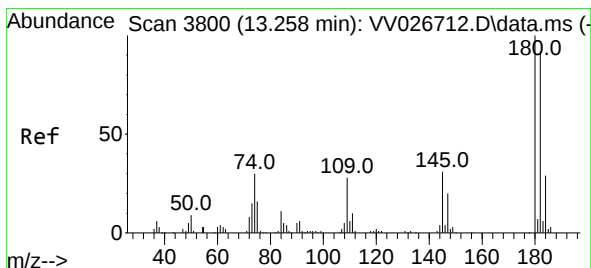
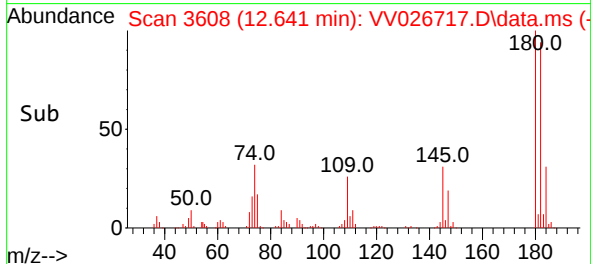
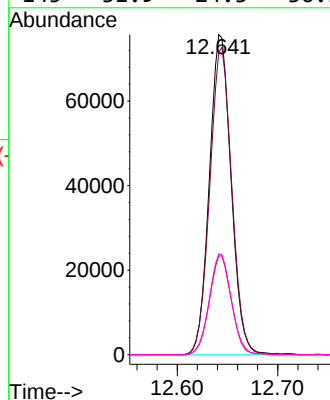
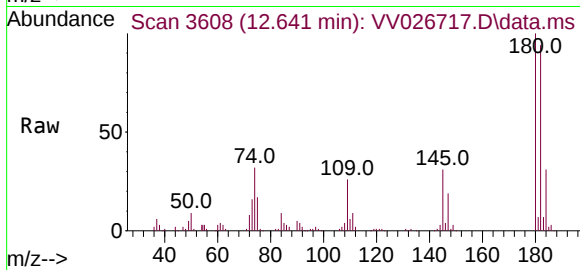


#69
 1,3,5-Trichlorobenzene
 Concen: 4.271 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Tgt Ion:180 Resp: 113623

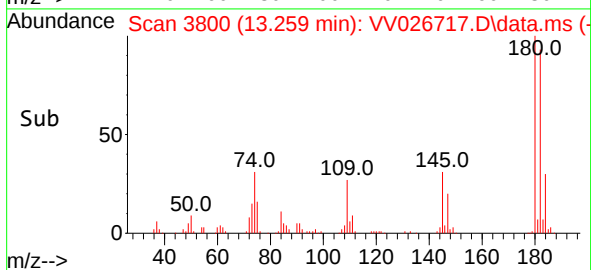
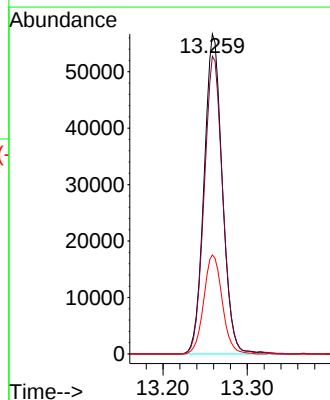
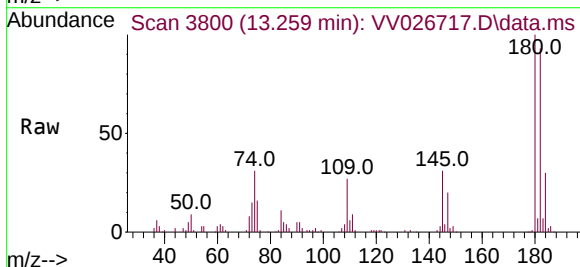
Ion	Ratio	Lower	Upper
180	100		
182	97.3	74.0	111.0
184	31.4	23.1	34.7
145	31.9	24.3	36.5

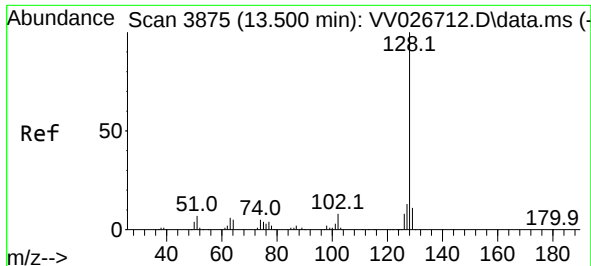


#70
 1,2,4-trichlorobenzene
 Concen: 4.215 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026717.D
 Acq: 12 Jul 2022 10:53

Tgt Ion:180 Resp: 85296

Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.7	112.1
145	31.3	24.7	37.1

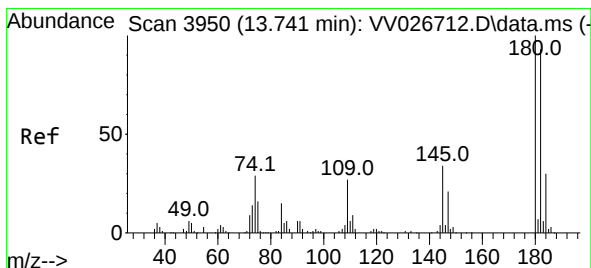
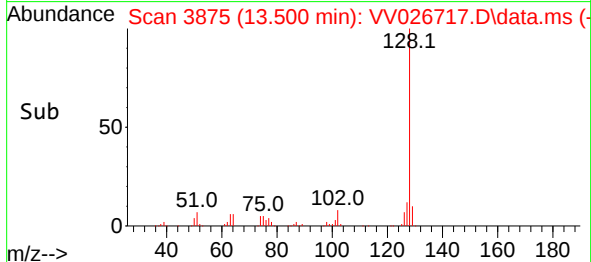
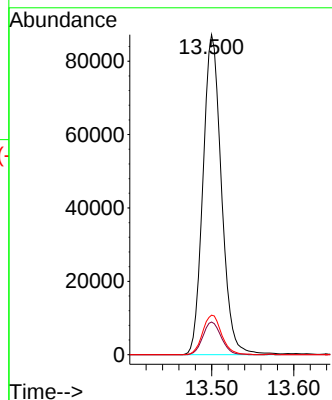
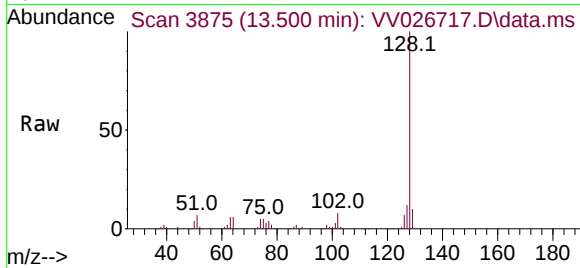




#71
Naphthalene
Concen: 4.064 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005349

Tgt Ion:128 Resp: 136224
Ion Ratio Lower Upper
128 100
129 10.1 8.4 12.6
127 12.7 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.225 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026717.D
Acq: 12 Jul 2022 10:53

Tgt Ion:180 Resp: 79550
Ion Ratio Lower Upper
180 100
182 93.1 75.0 112.4
145 33.1 26.0 39.0

