

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028240.D
 Acq On : 30 Sep 2022 20:43
 Operator : SY/MD
 Sample : N4873-08MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MSD

Quant Time: Sep 30 23:03:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	156281	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	151573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66472	4.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.561	69	58657	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.101	63	125502	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.899	46	143439	52.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	4.339	84	132197	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	58701	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.043	84	252713	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.063	67	69346	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.310	98	229044	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.619	79	24626	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	113638	48.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51868	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	91278	5.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	52739	4.518	ug/L	92
3) Chloromethane	1.236	50	47724	3.087	ug/L	100
5) Vinyl chloride	1.304	62	58571	4.833	ug/L	99
6) Bromomethane	1.516	94	25990	3.293	ug/L	96
8) Chloroethane	1.580	64	46395	5.709	ug/L	87
9) Trichlorofluoromethane	1.748	101	105268	5.471	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	61241	5.523	ug/L	96
12) 1,1-Dichloroethene	2.111	96	59558	5.514	ug/L	74
13) Acetone	2.188	43	93305	44.285	ug/L	98
14) Carbon disulfide	2.285	76	99155	4.784	ug/L	98
15) Methyl Acetate	2.436	43	18854	4.610	ug/L #	87
16) Methylene chloride	2.500	84	62627	5.195	ug/L	85
17) Methyl tert-butyl Ether	2.764	73	133723	5.756	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	54190	5.732	ug/L	94
19) 1,1-Dichloroethane	3.182	63	175478	8.508	ug/L	98
21) 2-Butanone	3.979	43	128204	49.150	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	71302	5.748	ug/L	93
23) Bromochloromethane	4.243	128	30059	6.051	ug/L #	80
25) Chloroform	4.368	83	123132	5.564	ug/L	96

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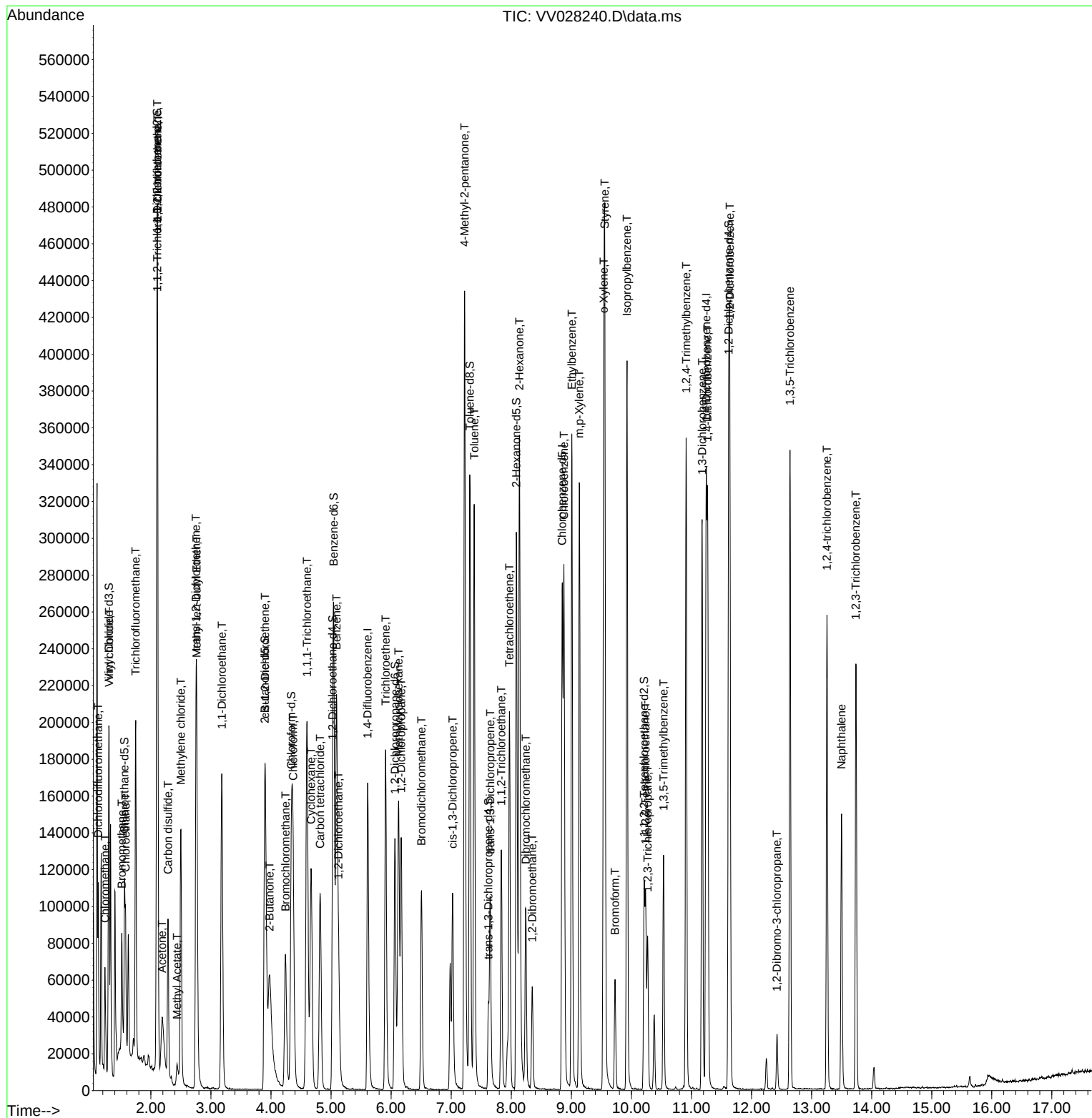
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	60753	5.148	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	168526	9.049	ug/L	97
30) Cyclohexane	4.667	56	63337	4.702	ug/L	91
31) Carbon tetrachloride	4.818	117	84030	5.483	ug/L	99
33) Benzene	5.092	78	223280	5.305	ug/L	100
34) Trichloroethene	5.908	95	65749	6.276	ug/L	95
35) Methylcyclohexane	6.124	83	66785	4.648	ug/L	93
37) 1,2-Dichloropropane	6.169	63	56312	4.772	ug/L	98
38) Bromodichloromethane	6.506	83	77172	5.298	ug/L #	99
39) cis-1,3-Dichloropropene	7.024	75	71589	4.884	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	277133	48.365	ug/L #	92
42) Toluene	7.384	91	234784	5.348	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	65012	5.157	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	42253	5.342	ug/L	99
47) Tetrachloroethene	7.969	164	49574	5.928	ug/L	97
48) 2-Hexanone	8.136	43	213518	49.086	ug/L #	93
49) Dibromochloromethane	8.243	129	51773	5.444	ug/L	97
50) 1,2-Dibromoethane	8.349	107	38621	5.619	ug/L	95
51) Chlorobenzene	8.876	112	160458	5.449	ug/L	96
52) Ethylbenzene	9.008	91	248600	5.352	ug/L	97
53) m,p-Xylene	9.133	106	96385	5.415	ug/L	98
54) o-Xylene	9.538	106	96864	5.510	ug/L	96
55) Styrene	9.558	104	182888	6.004	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	49051	5.322	ug/L	98
59) Bromoform	9.728	173	27667	5.067	ug/L	98
60) Isopropylbenzene	9.927	105	252381	5.000	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34776	4.822	ug/L	93
62) 1,3,5-Trimethylbenzene	10.535	105	70339	4.947	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	197195	4.962	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	134302	5.347	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	133749	5.322	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	138151	5.823	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	7674	4.854	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	114109	5.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	85020	5.347	ug/L	98
71) Naphthalene	13.500	128	127214	4.886	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	75496	5.250	ug/L	98

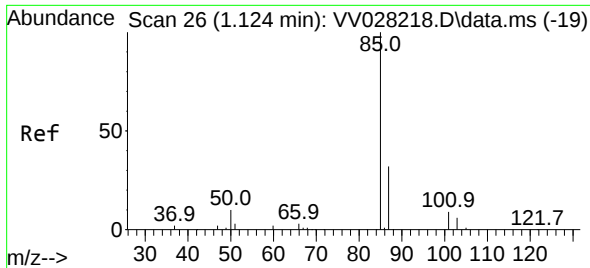
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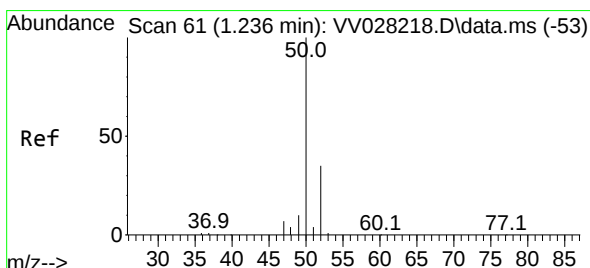
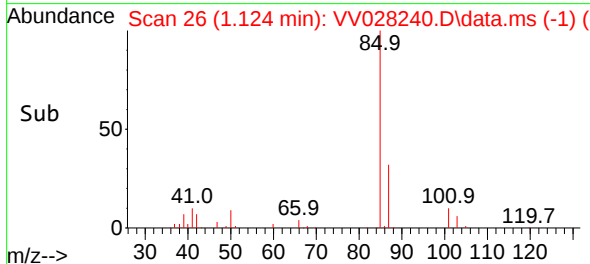
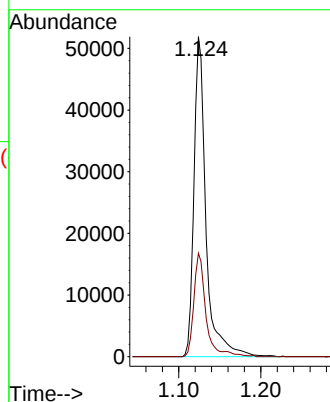
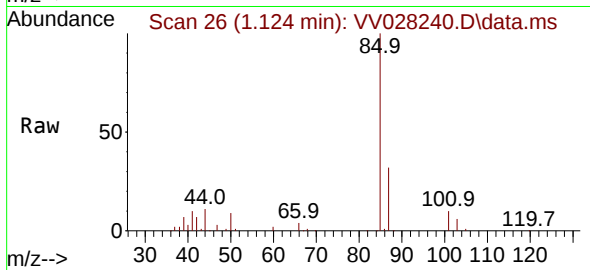




#2
 Dichlorodifluoromethane
 Concen: 4.518 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

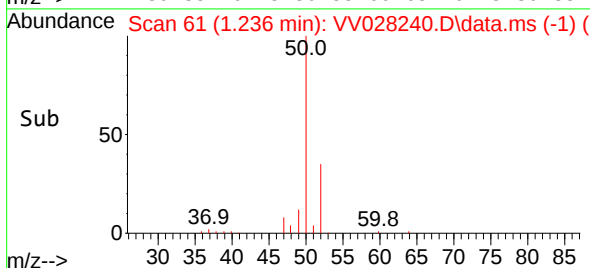
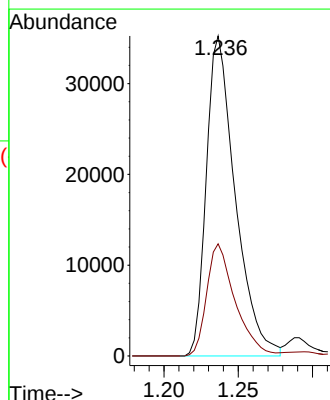
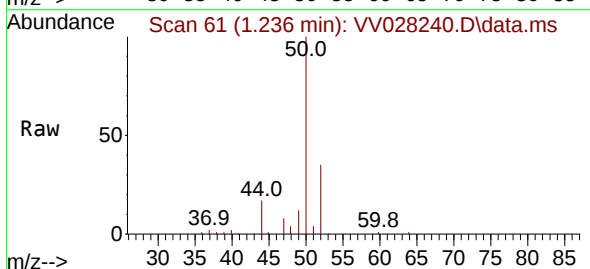
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MSD

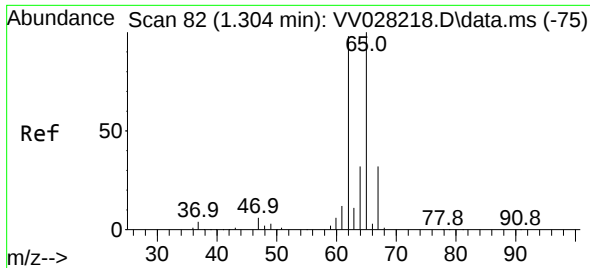
Tgt Ion: 85 Resp: 52739
 Ion Ratio Lower Upper
 85 100
 87 32.5 22.8 34.2



#3
 Chloromethane
 Concen: 3.087 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

Tgt Ion: 50 Resp: 47724
 Ion Ratio Lower Upper
 50 100
 52 35.0 24.4 45.2

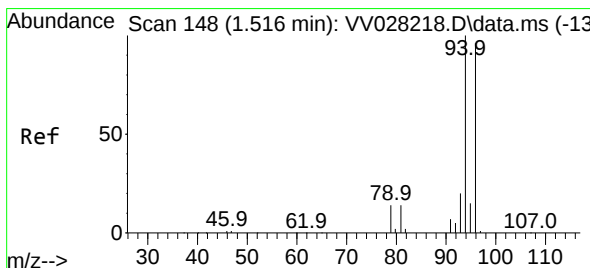
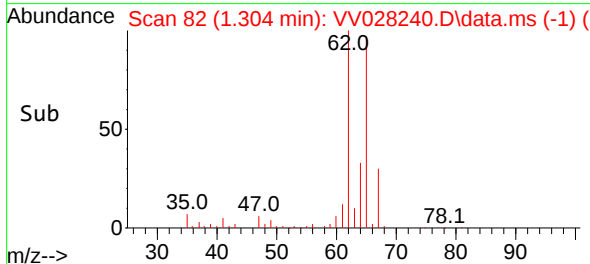
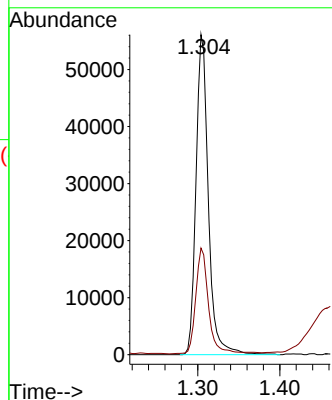
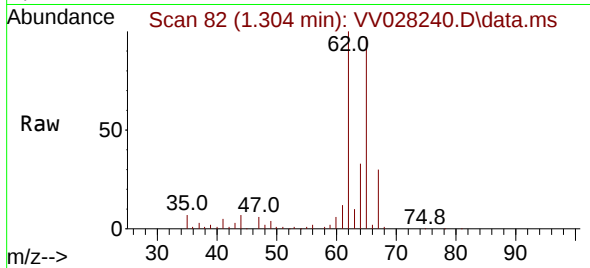




#5
 Vinyl chloride
 Concen: 4.833 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

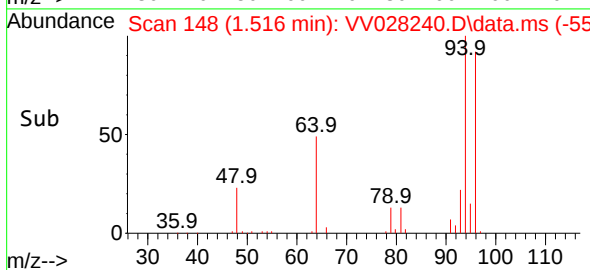
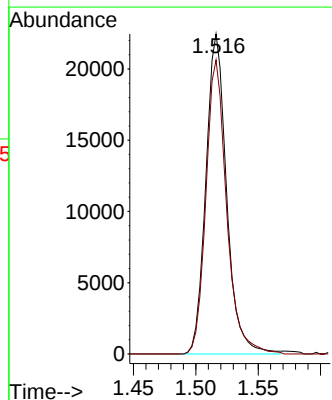
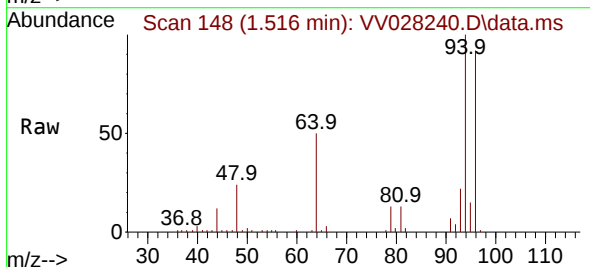
Instrument :
 MSVOA_V
 ClientSampleId :
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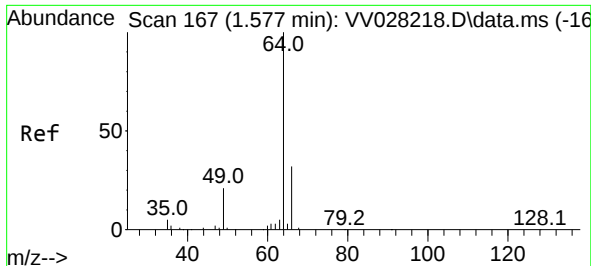
Tgt Ion: 62 Resp: 58571
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.8



#6
 Bromomethane
 Concen: 3.293 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

Tgt Ion: 94 Resp: 25990
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.7 123.9

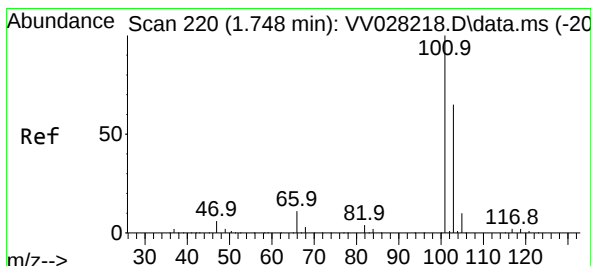
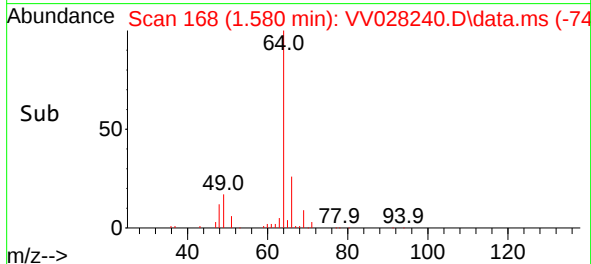
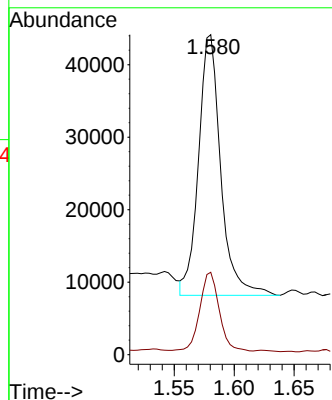
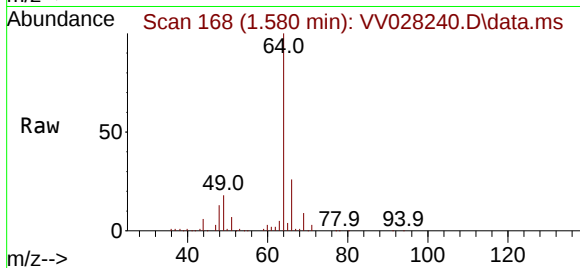




#8
Chloroethane
Concen: 5.709 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

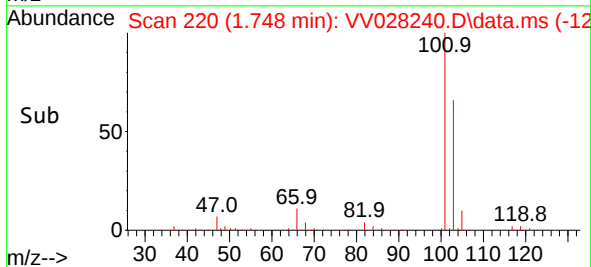
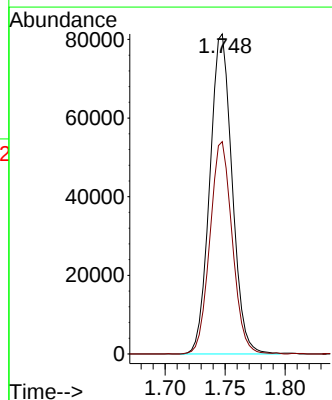
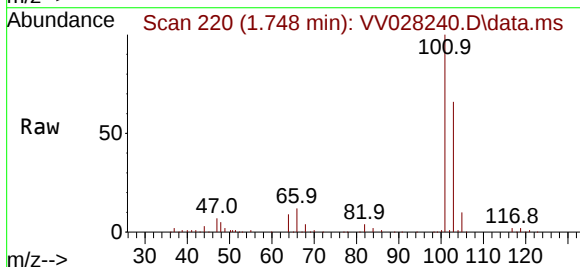
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MSVOA_V
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EXZ54MSD

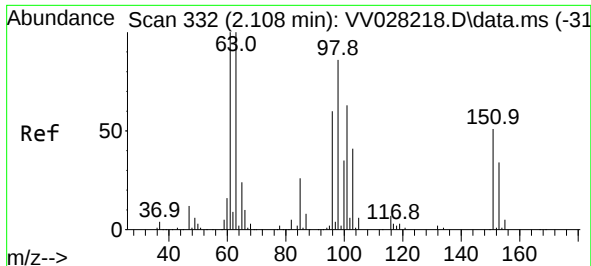
Tgt Ion: 64 Resp: 46395
Ion Ratio Lower Upper
64 100
66 25.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.471 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 101 Resp: 105268
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.523 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

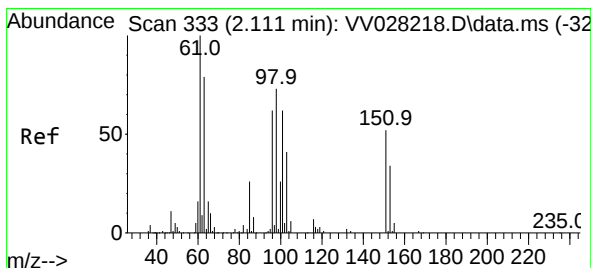
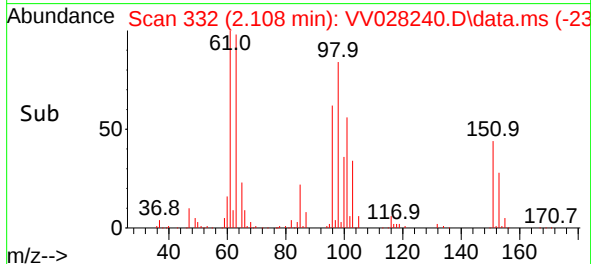
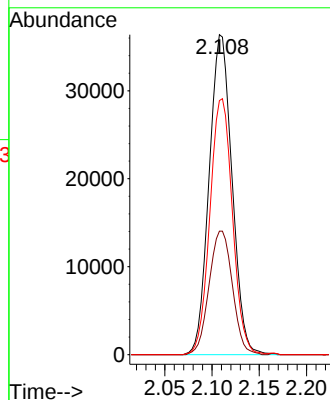
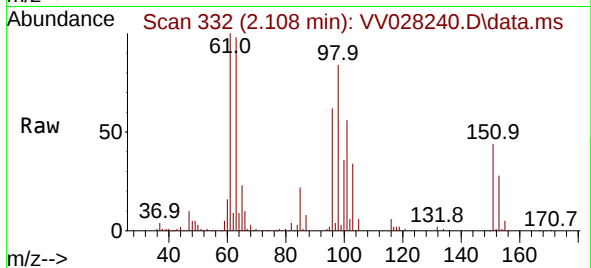
Tgt Ion:101 Resp: 61241

Ion Ratio Lower Upper

101 100

85 39.4 34.4 51.6

151 78.9 61.1 91.7



#12

1,1-Dichloroethene

Concen: 5.514 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

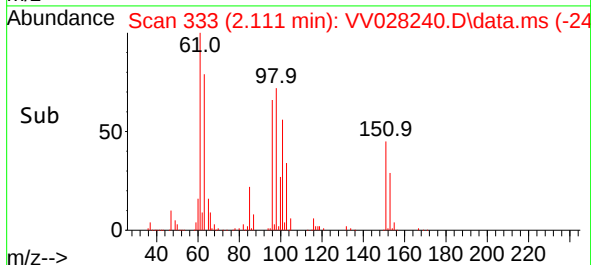
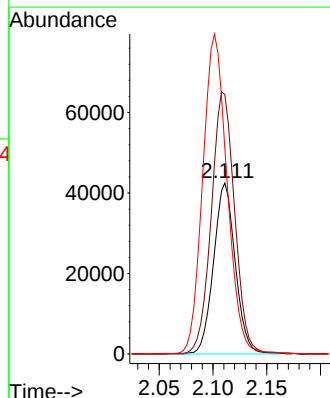
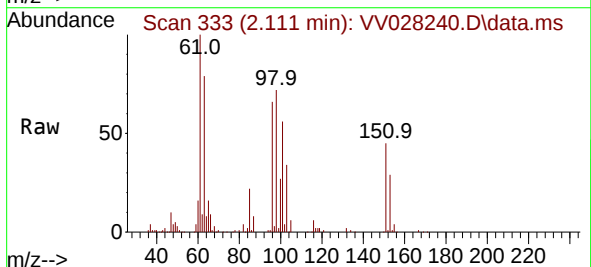
Tgt Ion: 96 Resp: 59558

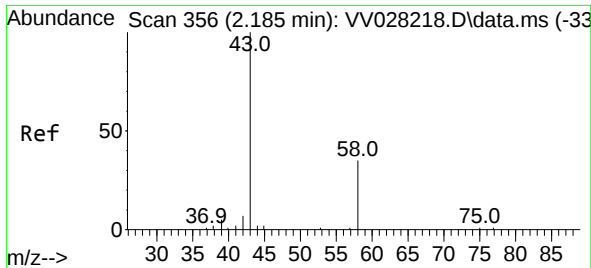
Ion Ratio Lower Upper

96 100

61 151.5 128.3 238.3

63 120.1 112.7 209.3





#13

Acetone

Concen: 44.285 ug/L

RT: 2.188 min Scan# 356

Delta R.T. -0.000 min

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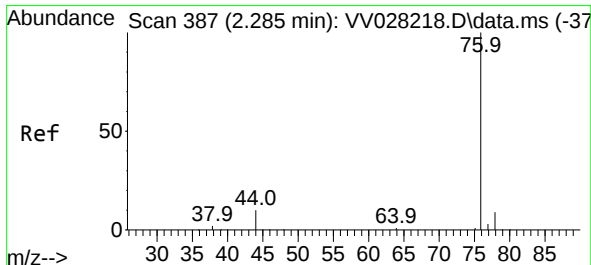
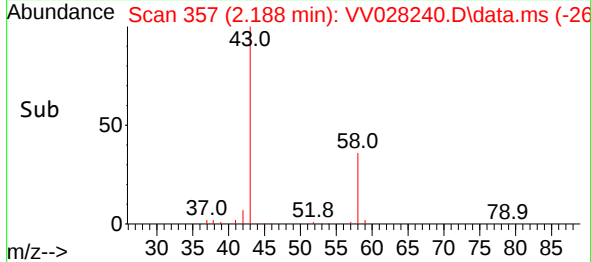
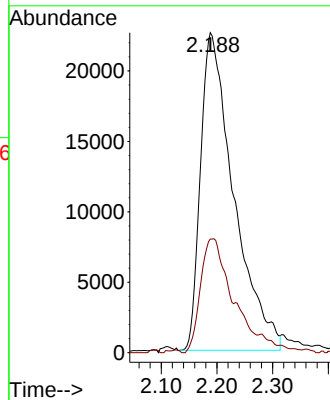
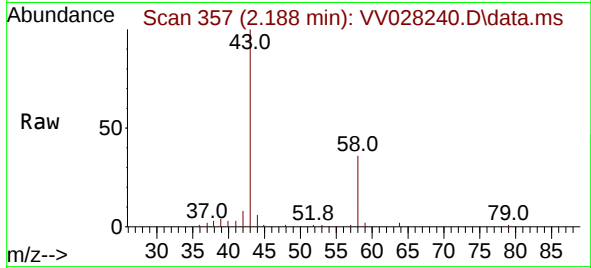
EXZ54MSD

Tgt Ion: 43 Resp: 93305

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.6



#14

Carbon disulfide

Concen: 4.784 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

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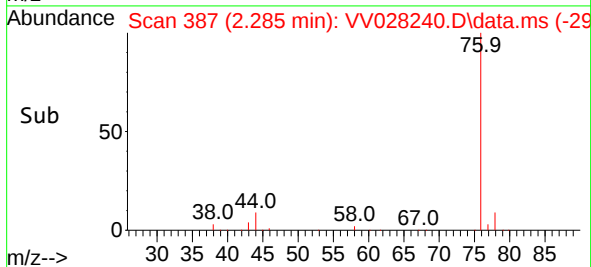
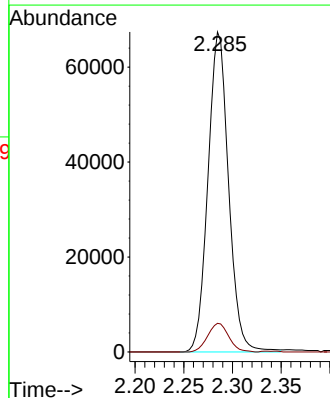
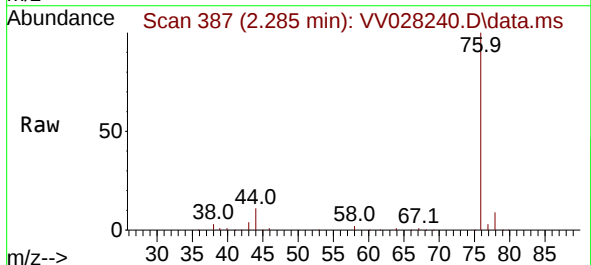
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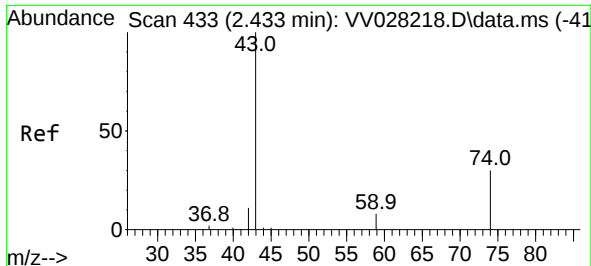
Tgt Ion: 76 Resp: 99155

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

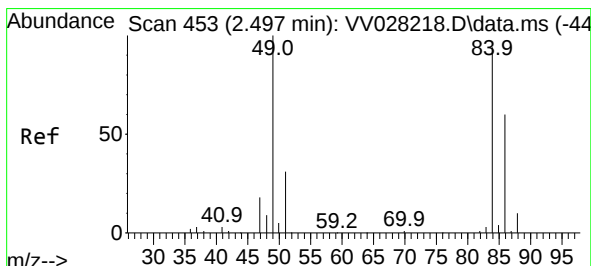
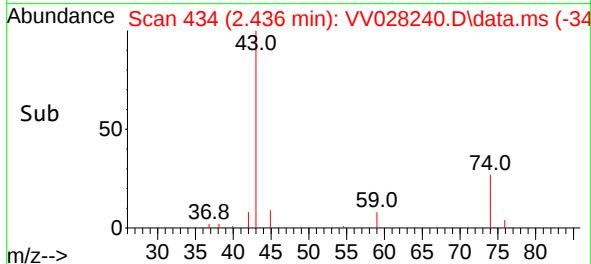
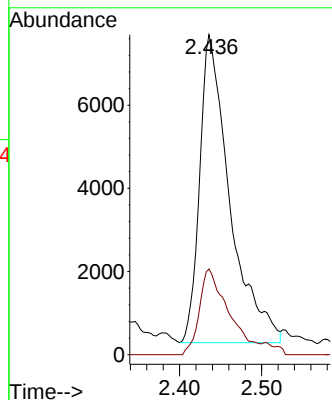
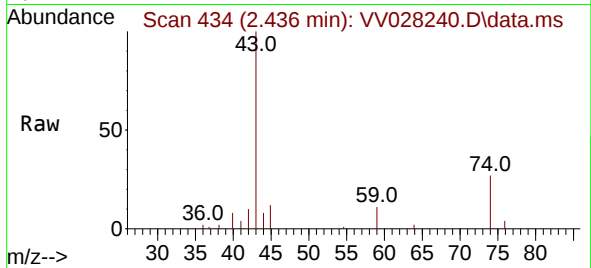




#15
Methyl Acetate
Concen: 4.610 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

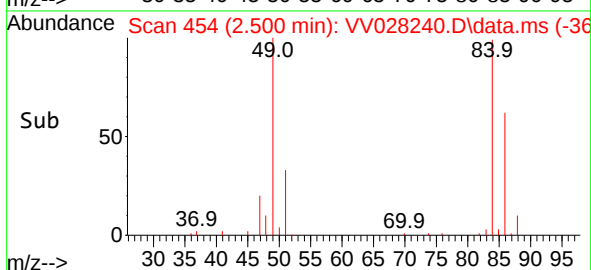
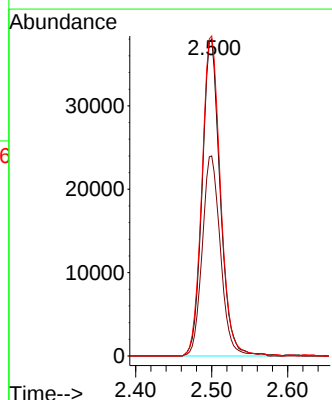
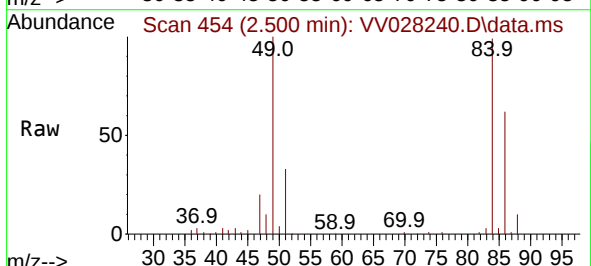
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

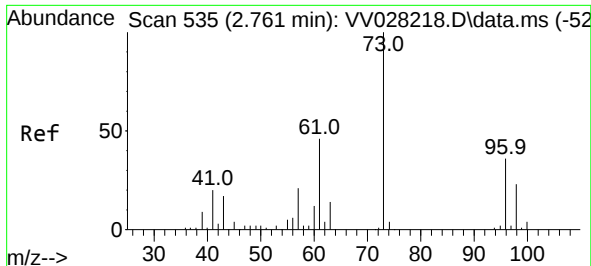
Tgt Ion: 43 Resp: 18854
Ion Ratio Lower Upper
43 100
74 27.2 16.9 25.3#



#16
Methylene chloride
Concen: 5.195 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 84 Resp: 62627
Ion Ratio Lower Upper
84 100
86 63.1 46.8 86.8
49 101.0 87.5 162.5

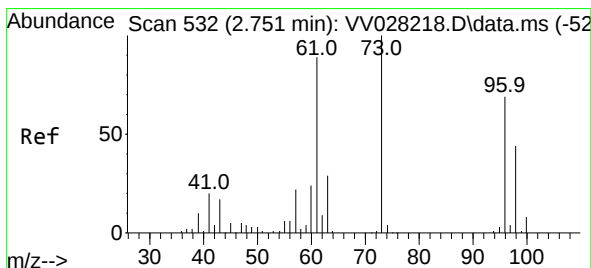
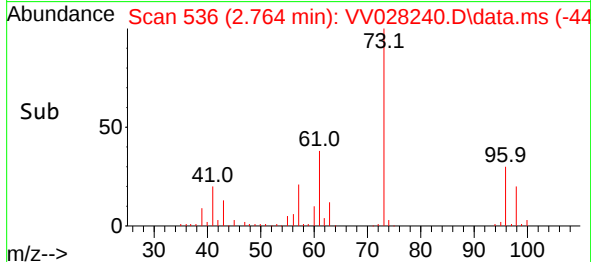
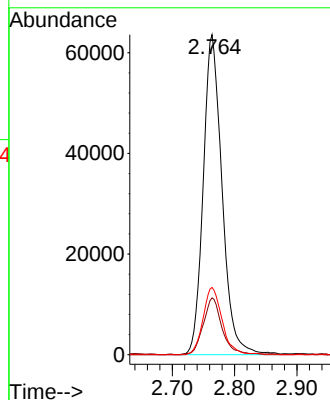
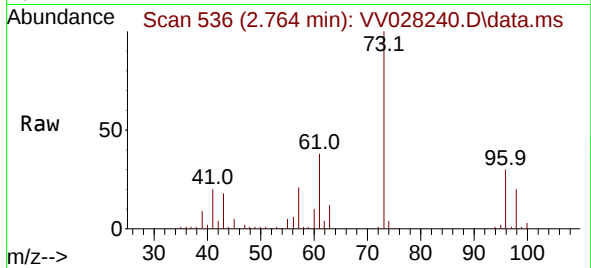




#17
Methyl tert-butyl Ether
Concen: 5.756 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

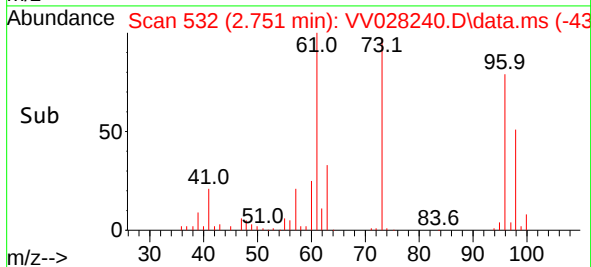
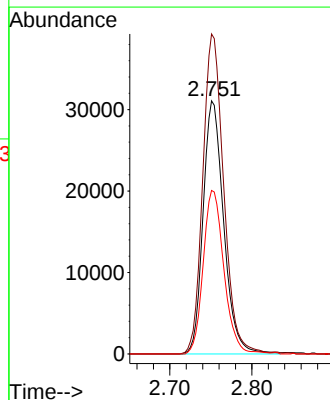
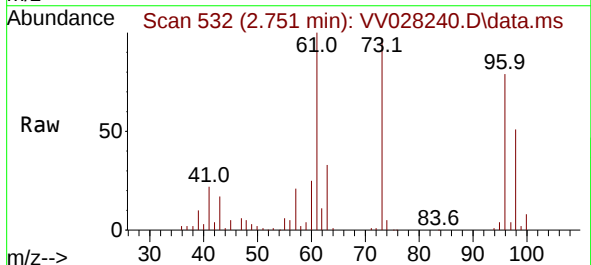
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

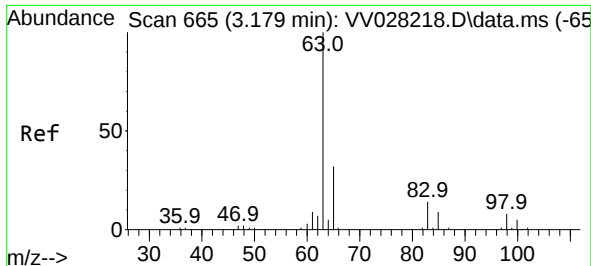
Tgt Ion: 73 Resp: 133723
Ion Ratio Lower Upper
73 100
43 17.6 15.7 23.5
57 21.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.732 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 96 Resp: 54190
Ion Ratio Lower Upper
96 100
61 126.4 96.2 178.6
98 64.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 8.508 ug/L

RT: 3.182 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

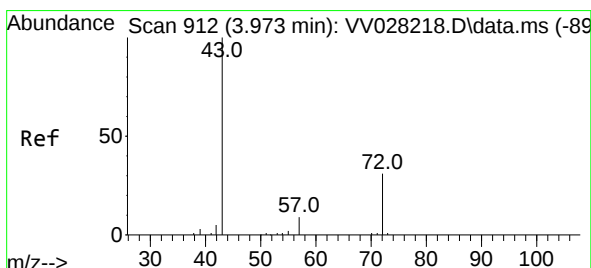
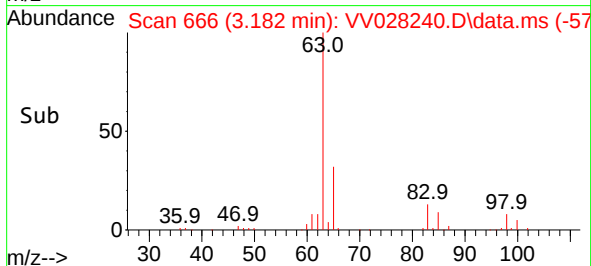
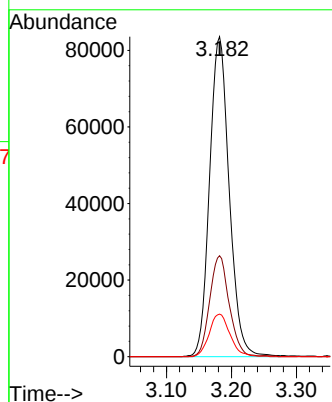
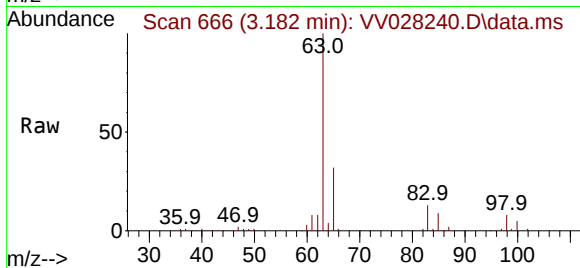
Tgt Ion: 63 Resp: 175478

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.8

83 13.3 9.2 17.2



#21

2-Butanone

Concen: 49.150 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.003 min

Lab File: VV028240.D

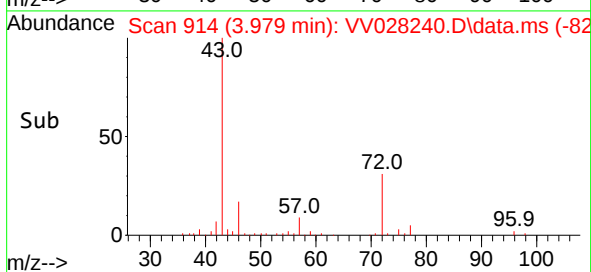
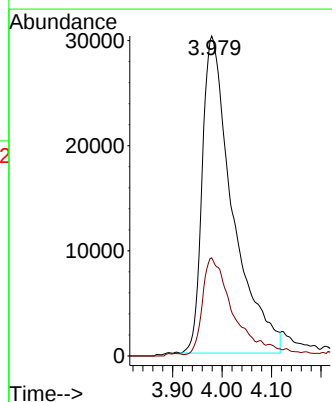
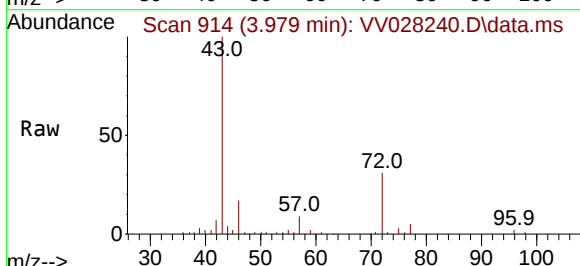
Acq: 30 Sep 2022 20:43

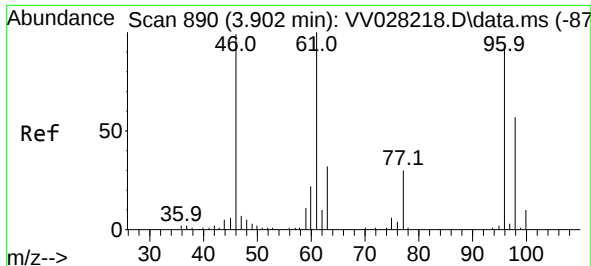
Tgt Ion: 43 Resp: 128204

Ion Ratio Lower Upper

43 100

72 28.4 12.7 38.1

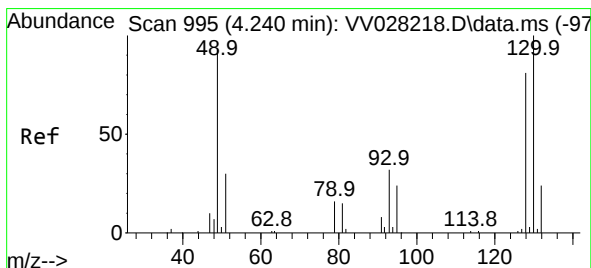
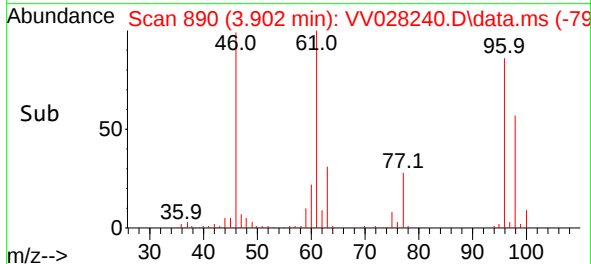
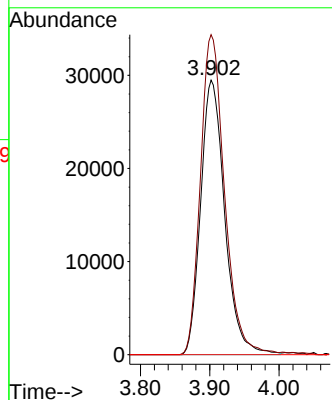
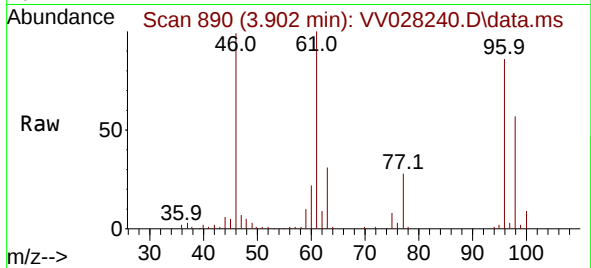




#22
 cis-1,2-Dichloroethene
 Concen: 5.748 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

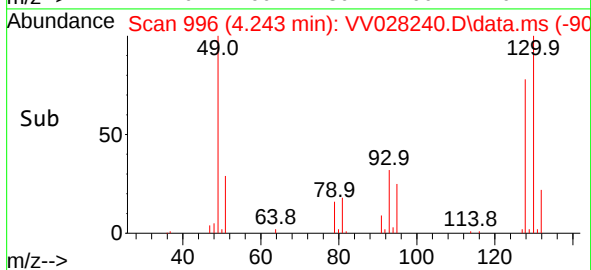
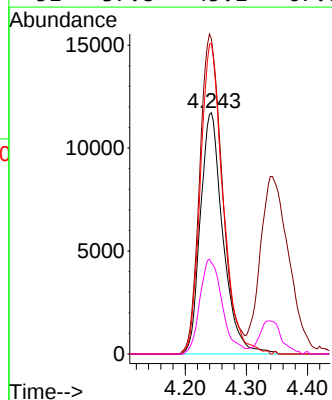
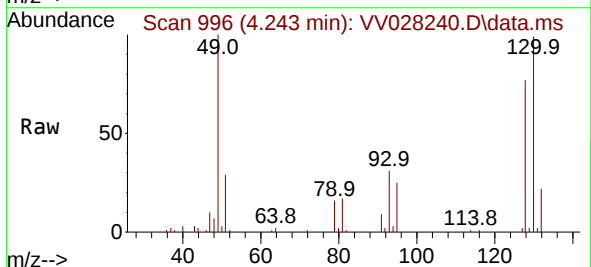
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MSD

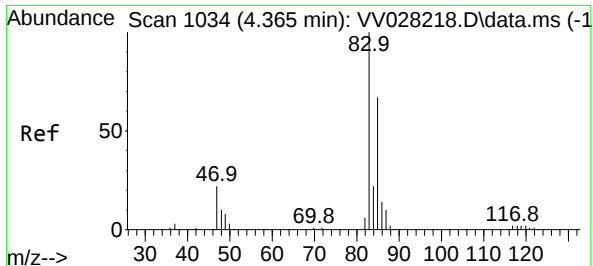
Tgt Ion: 96 Resp: 71302
 Ion Ratio Lower Upper
 96 100
 61 116.6 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 6.051 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

Tgt Ion: 128 Resp: 30059
 Ion Ratio Lower Upper
 128 100
 49 130.5 119.9 222.7
 130 128.7 94.6 175.8
 51 37.8 45.1 67.7#





#25

Chloroform

Concen: 5.564 ug/L

RT: 4.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

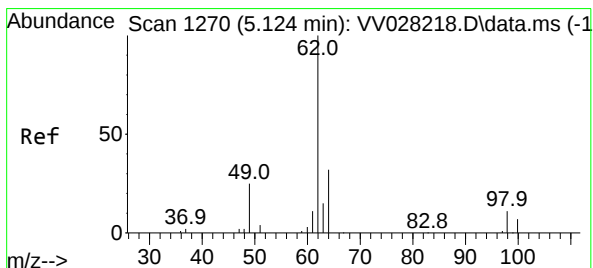
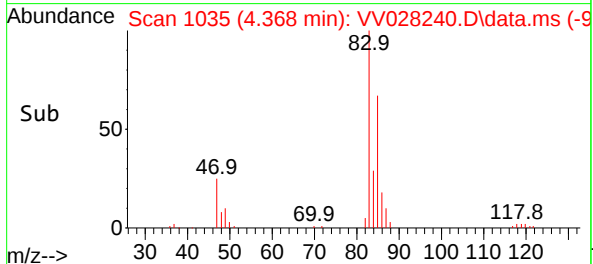
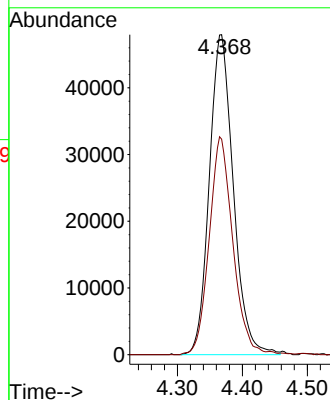
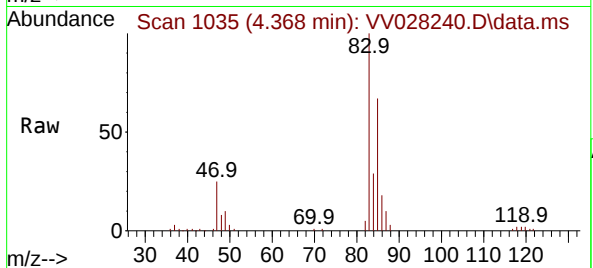
EXZ54MSD

Tgt Ion: 83 Resp: 123132

Ion Ratio Lower Upper

83 100

85 67.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.148 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028240.D

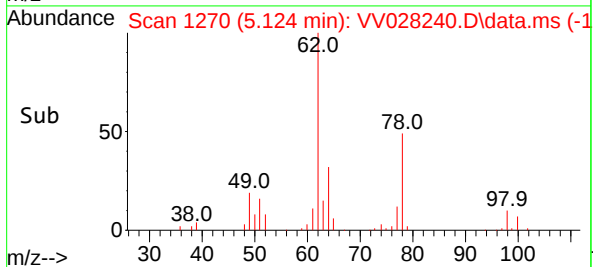
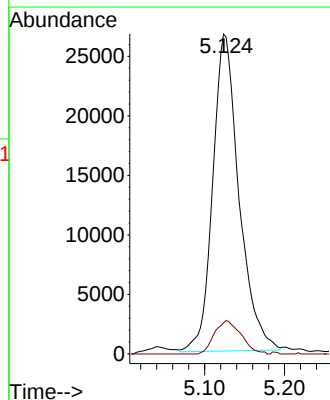
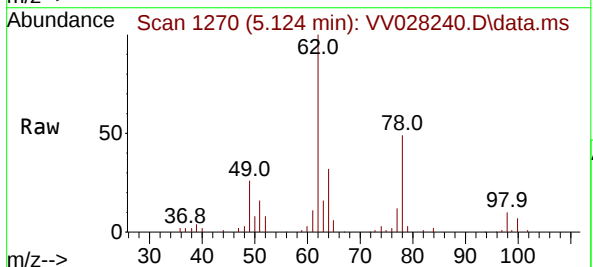
Acq: 30 Sep 2022 20:43

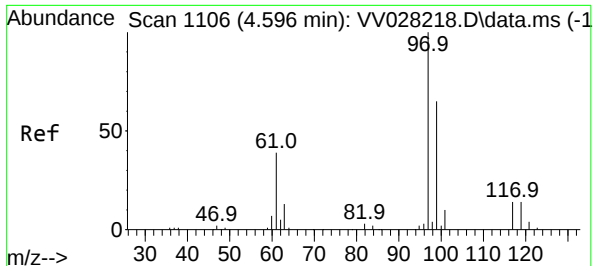
Tgt Ion: 62 Resp: 60753

Ion Ratio Lower Upper

62 100

98 9.7 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 9.049 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

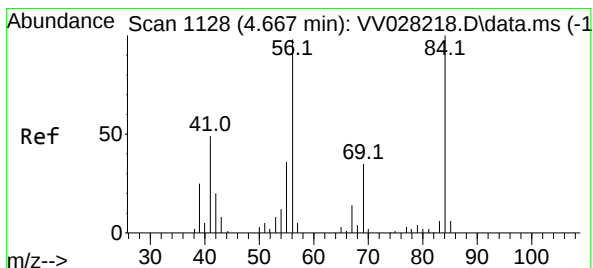
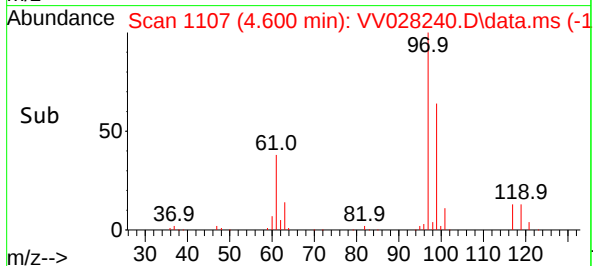
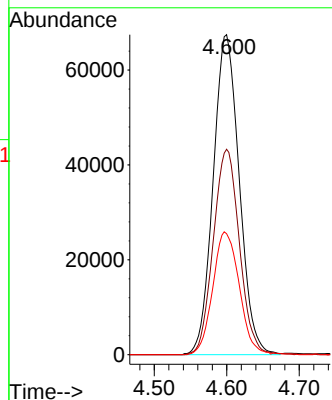
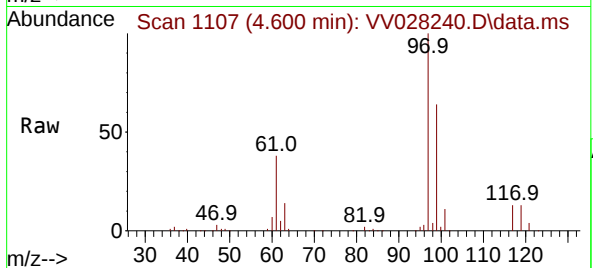
Tgt Ion: 97 Resp: 168526

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 38.9 34.8 52.2



#30

Cyclohexane

Concen: 4.702 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

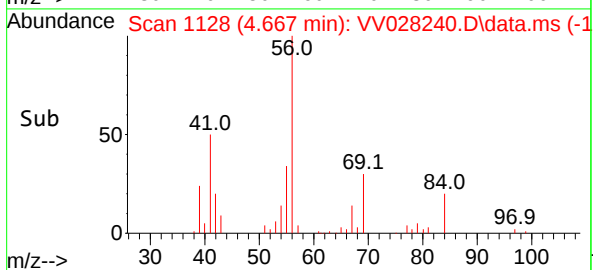
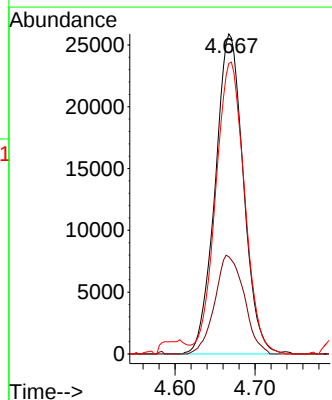
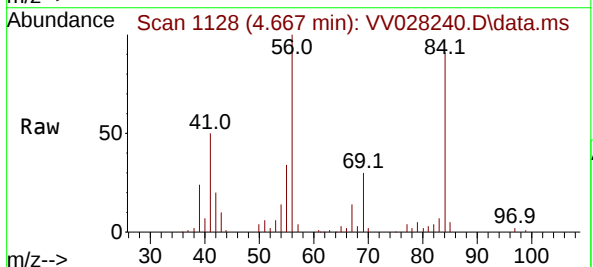
Tgt Ion: 56 Resp: 63337

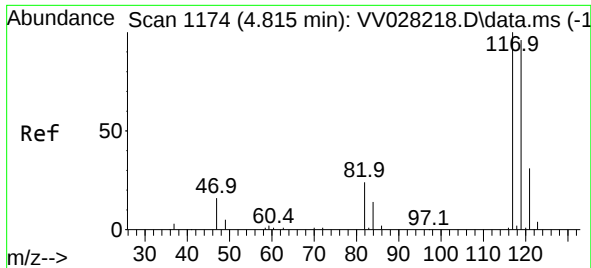
Ion Ratio Lower Upper

56 100

69 32.1 23.7 35.5

84 93.5 67.3 100.9

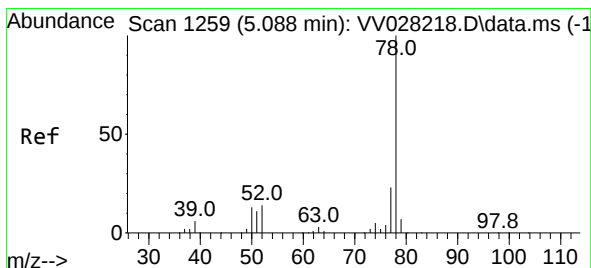
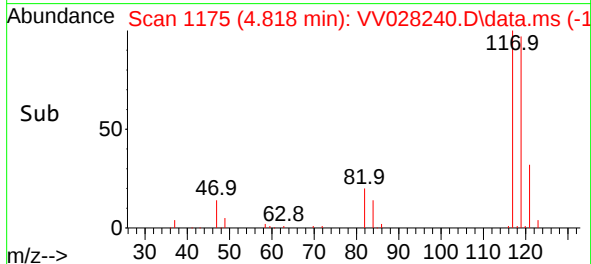
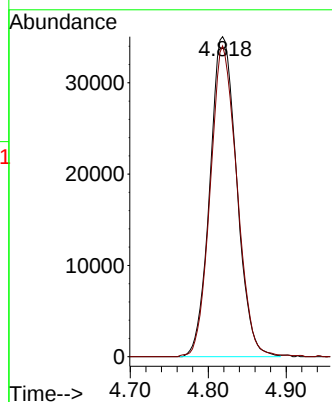
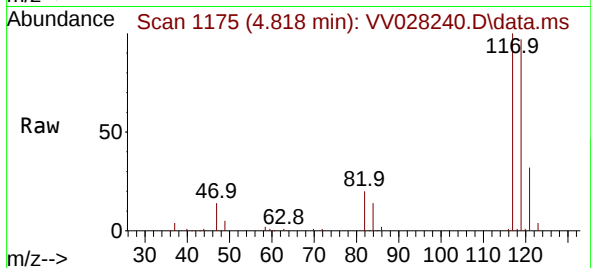




#31
Carbon tetrachloride
Concen: 5.483 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

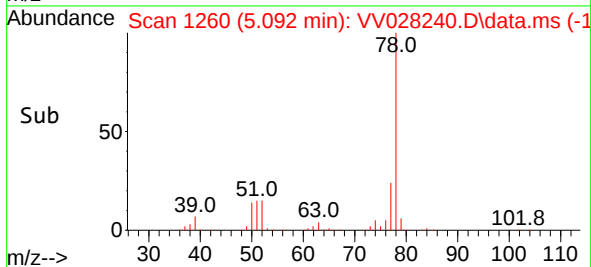
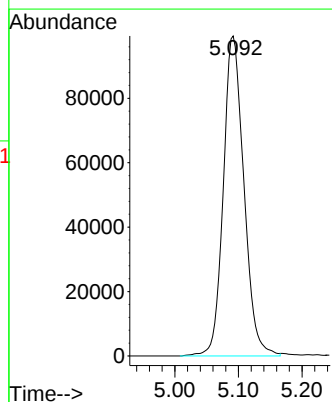
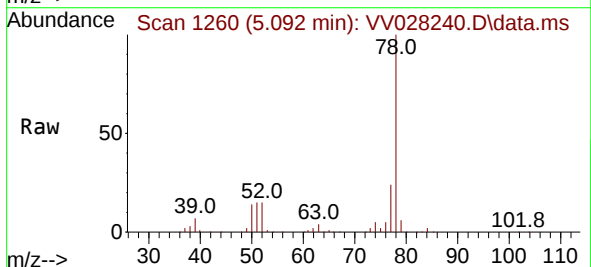
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

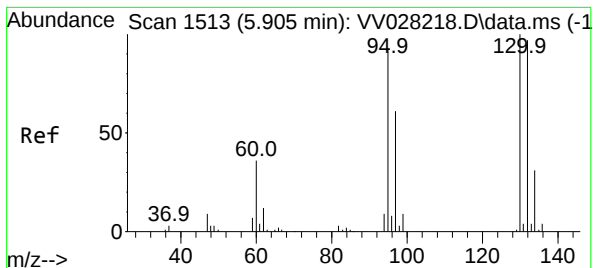
Tgt Ion:117 Resp: 84030
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3



#33
Benzene
Concen: 5.305 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 78 Resp: 223280





#34

Trichloroethene

Concen: 6.276 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

Tgt Ion: 95 Resp: 65749

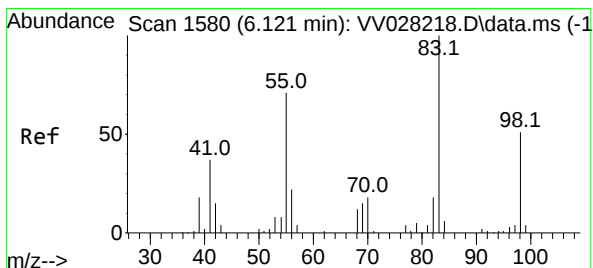
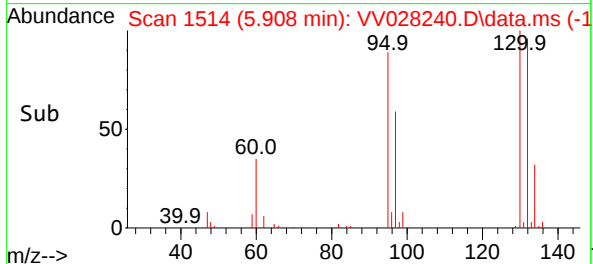
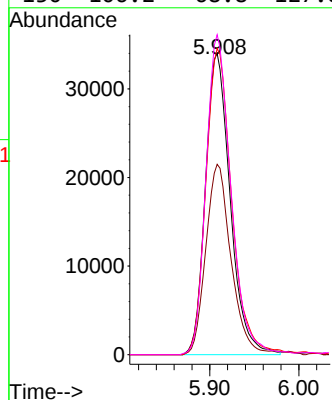
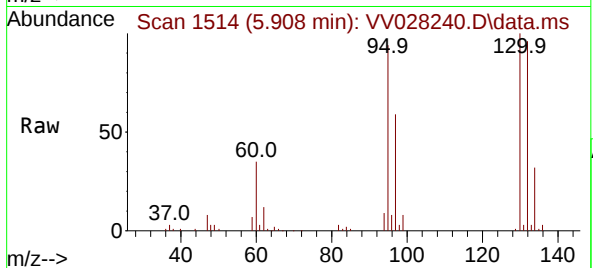
Ion Ratio Lower Upper

95 100

97 63.2 44.2 82.0

132 101.6 67.8 126.0

130 106.2 68.8 127.8



#35

Methylcyclohexane

Concen: 4.648 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

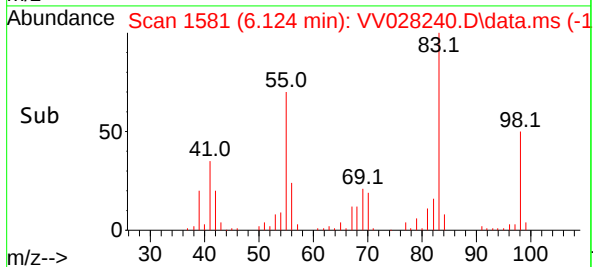
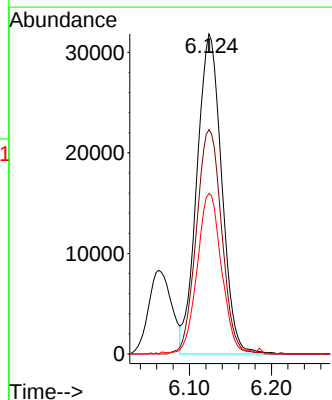
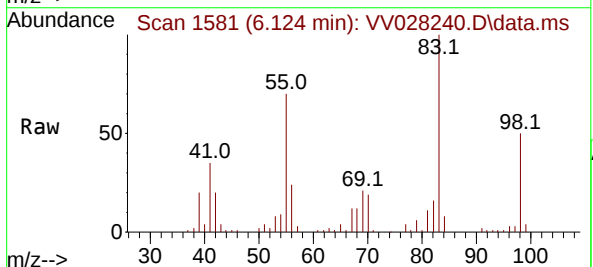
Tgt Ion: 83 Resp: 66785

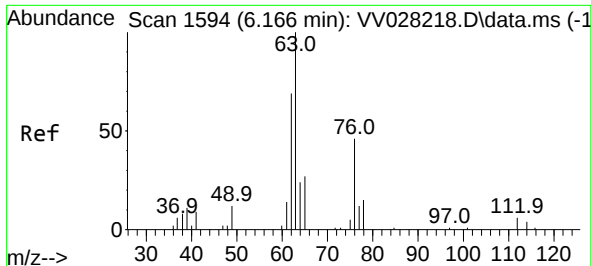
Ion Ratio Lower Upper

83 100

55 71.6 64.7 97.1

98 48.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.772 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

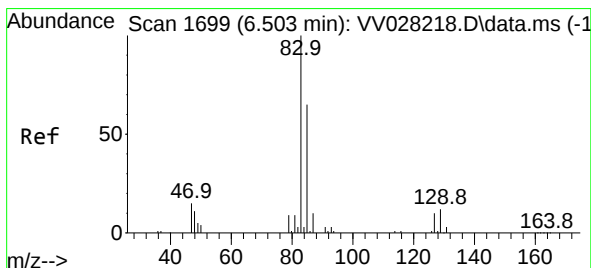
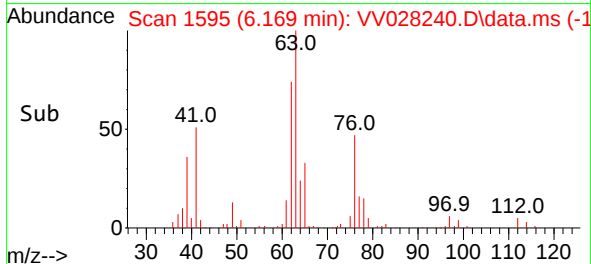
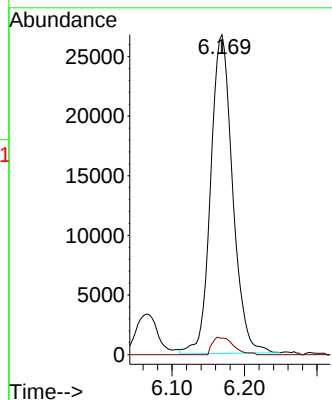
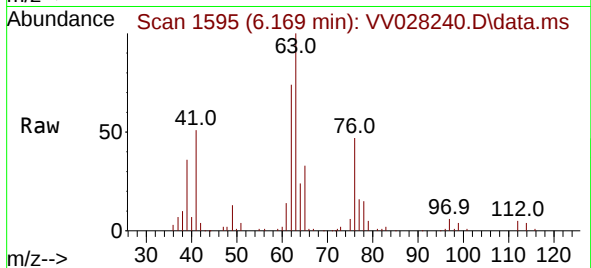
EXZ54MSD

Tgt Ion: 63 Resp: 56312

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 5.298 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

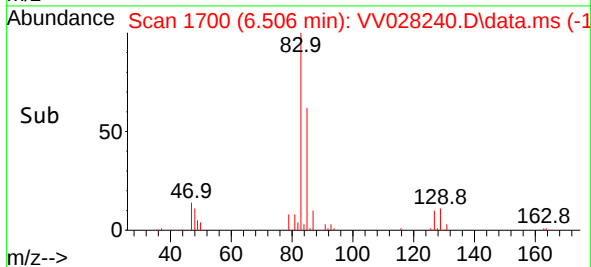
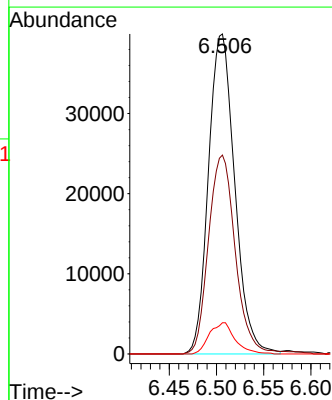
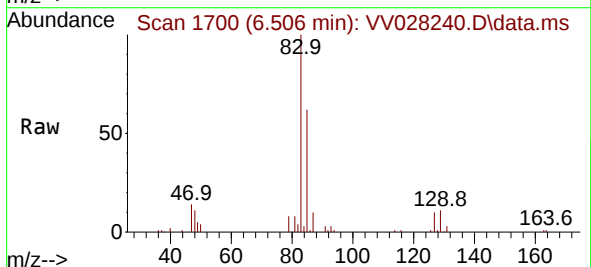
Tgt Ion: 83 Resp: 77172

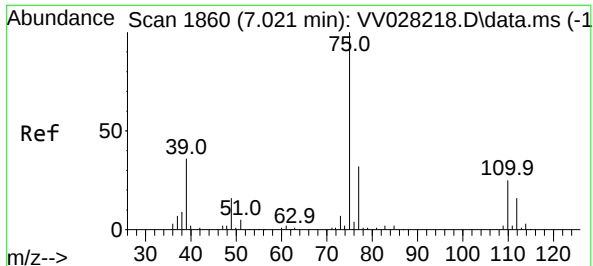
Ion Ratio Lower Upper

83 100

85 62.2 43.8 81.4

127 9.8 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.884 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

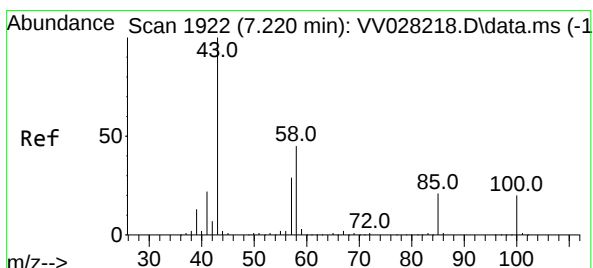
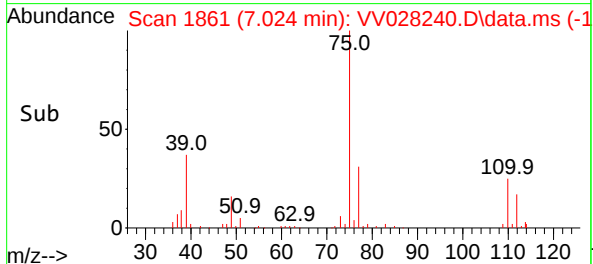
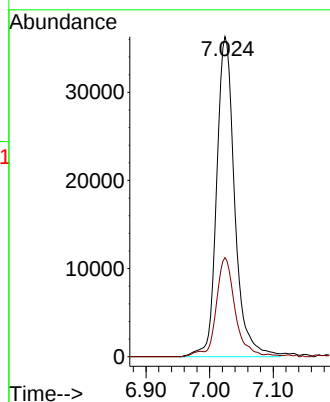
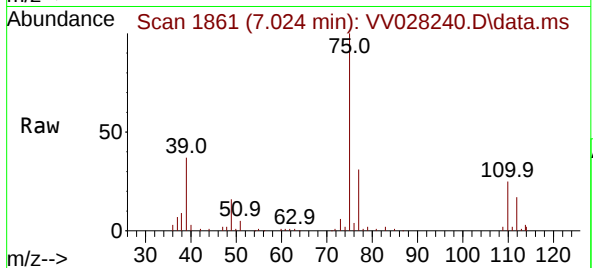
EXZ54MSD

Tgt Ion: 75 Resp: 71589

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 48.365 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

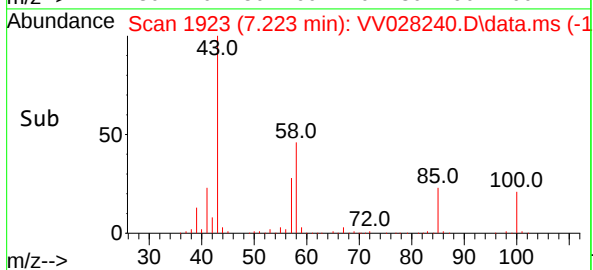
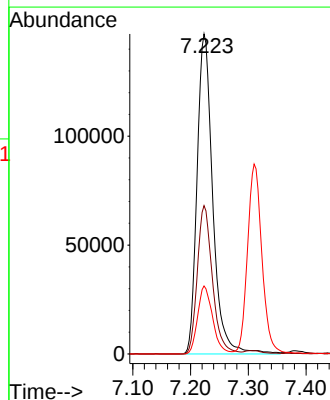
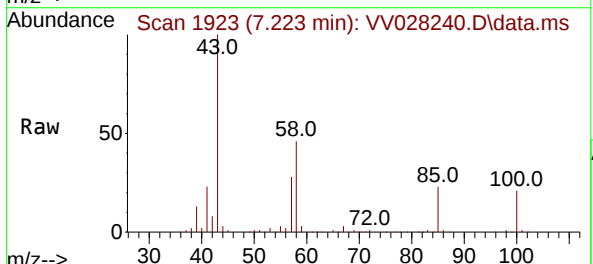
Tgt Ion: 43 Resp: 277133

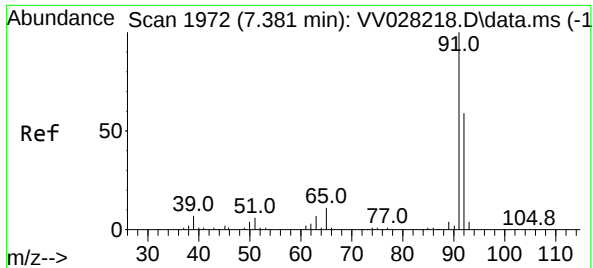
Ion Ratio Lower Upper

43 100

58 44.6 32.2 48.4

100 20.2 12.7 19.1





#42

Toluene

Concen: 5.348 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

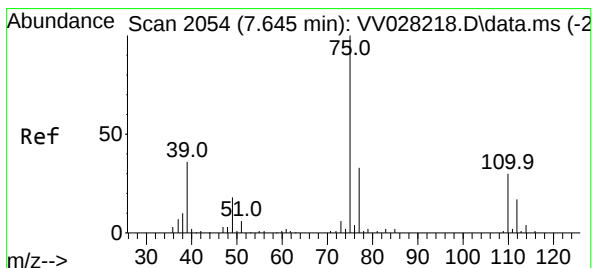
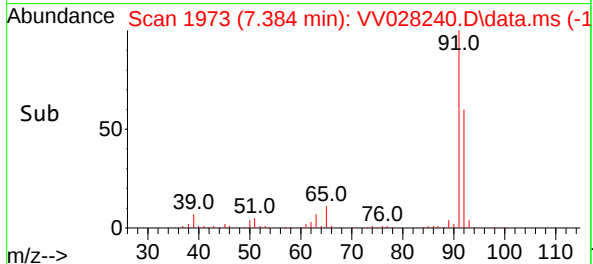
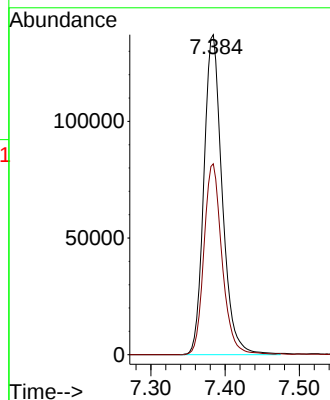
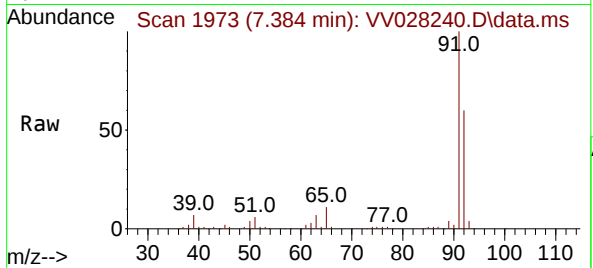
EXZ54MSD

Tgt Ion: 91 Resp: 234784

Ion Ratio Lower Upper

91 100

92 59.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.157 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VV028240.D

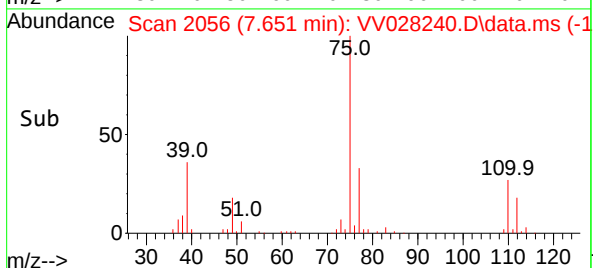
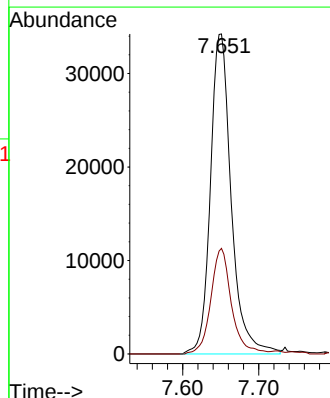
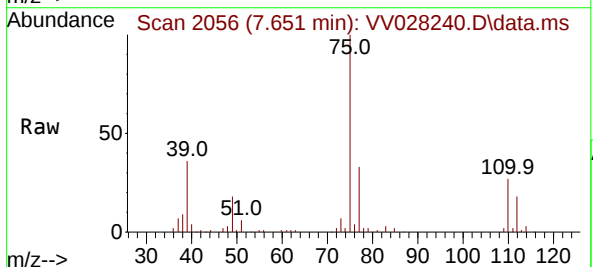
Acq: 30 Sep 2022 20:43

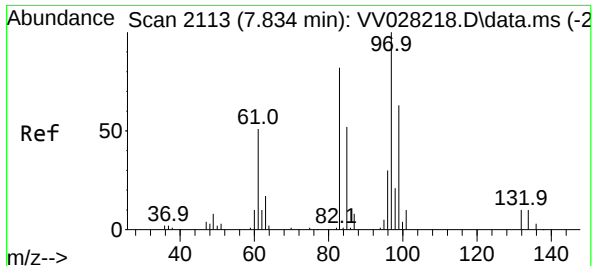
Tgt Ion: 75 Resp: 65012

Ion Ratio Lower Upper

75 100

77 33.0 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 5.342 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

Tgt Ion: 97 Resp: 42253

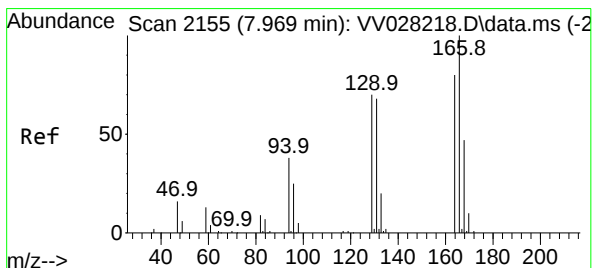
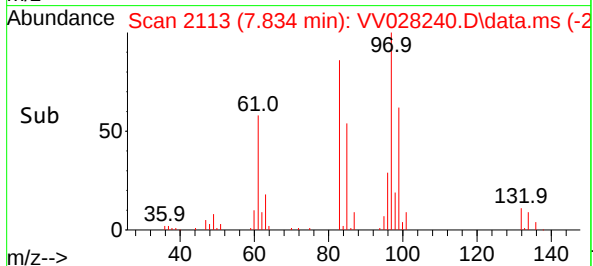
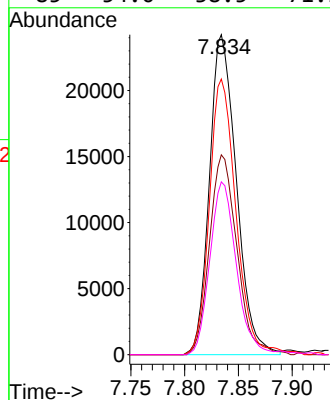
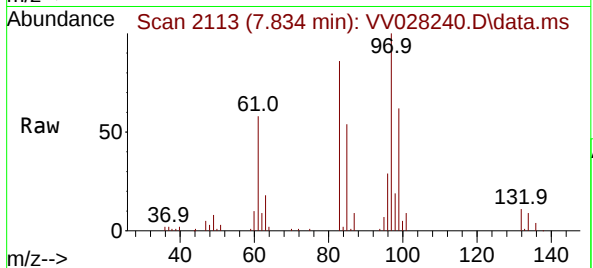
Ion Ratio Lower Upper

97 100

99 62.4 43.2 80.2

83 86.2 59.1 109.9

85 54.0 38.5 71.5



#47

Tetrachloroethene

Concen: 5.928 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Tgt Ion:164 Resp: 49574

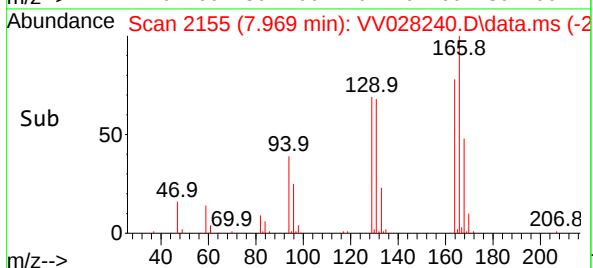
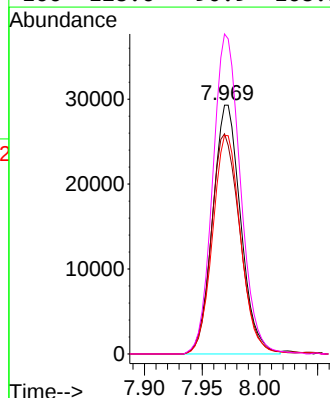
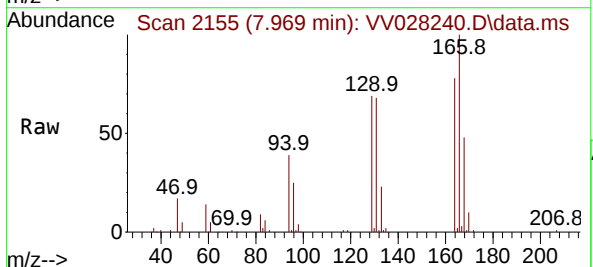
Ion Ratio Lower Upper

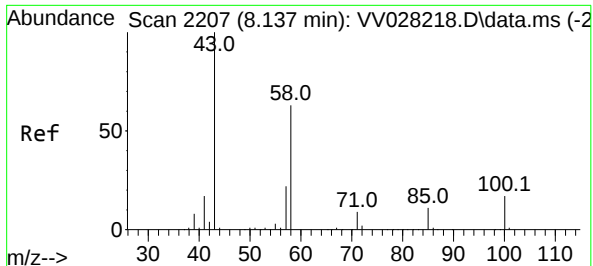
164 100

129 88.5 66.7 123.9

131 87.8 61.7 114.5

166 128.6 90.9 168.9

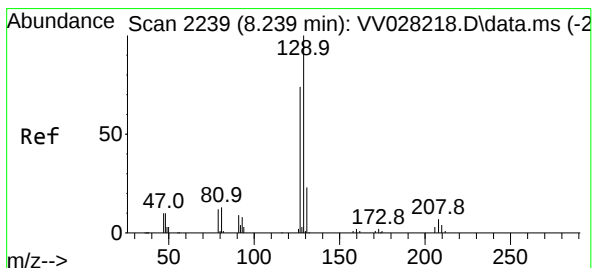
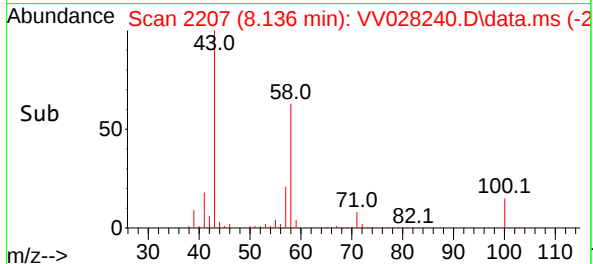
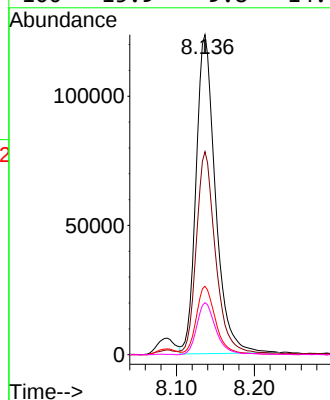
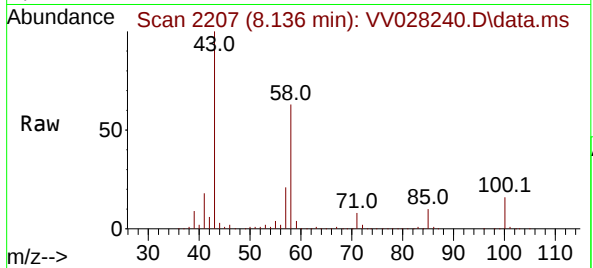




#48
2-Hexanone
Concen: 49.086 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

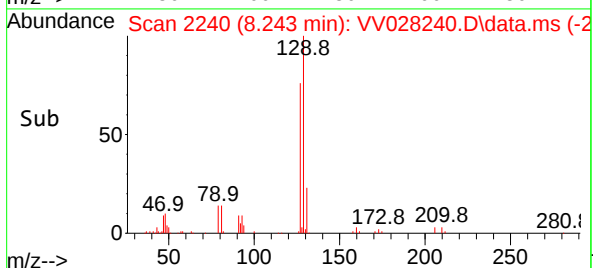
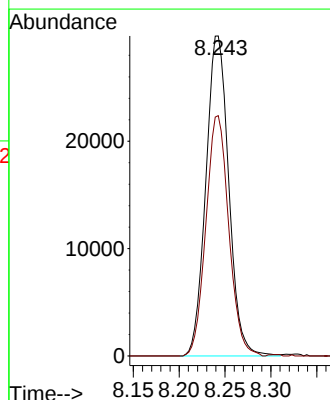
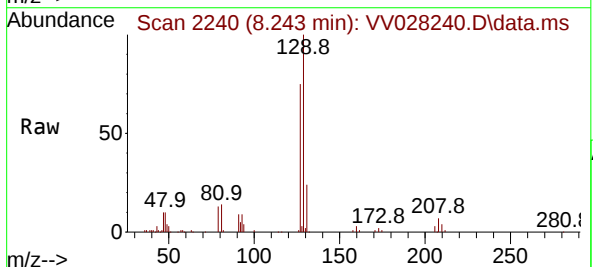
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

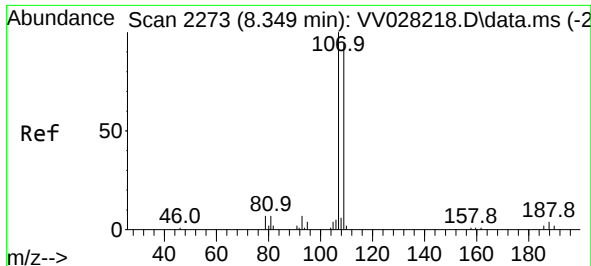
Tgt Ion: 43 Resp: 213518
Ion Ratio Lower Upper
43 100
58 62.5 45.7 68.5
57 21.1 15.5 23.3
100 15.9 9.8 14.6#



#49
Dibromochloromethane
Concen: 5.444 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 129 Resp: 51773
Ion Ratio Lower Upper
129 100
127 75.1 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.619 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

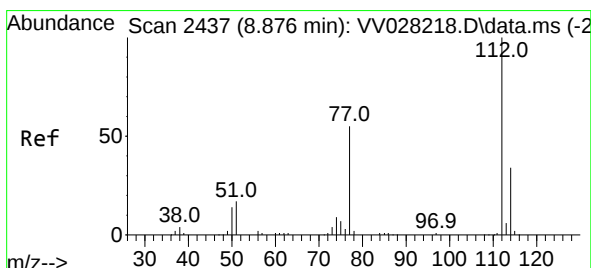
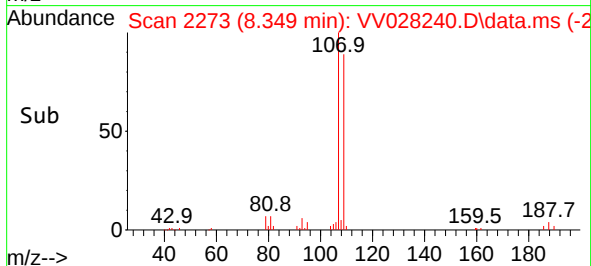
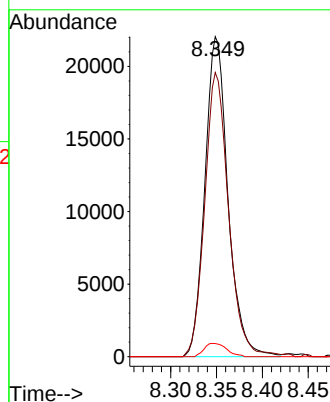
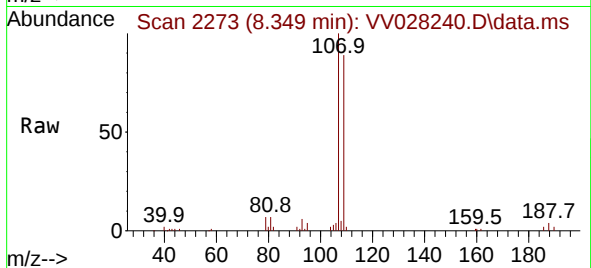
Tgt Ion:107 Resp: 38621

Ion Ratio Lower Upper

107 100

109 88.8 65.9 122.5

188 4.1 3.4 5.0



#51

Chlorobenzene

Concen: 5.449 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

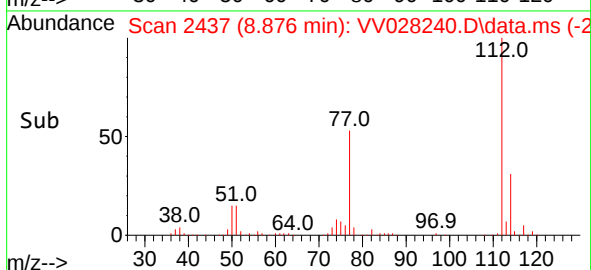
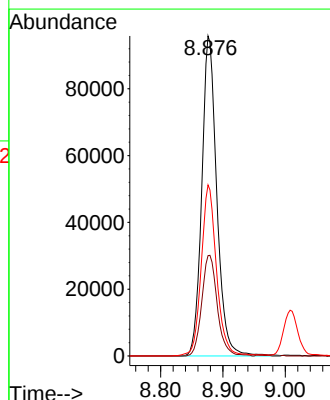
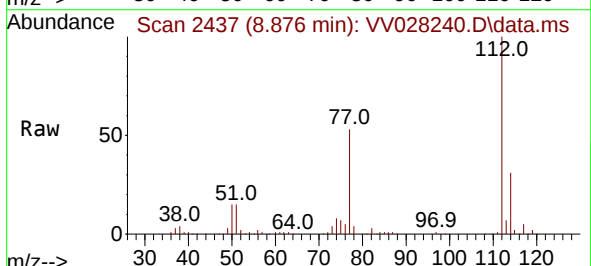
Tgt Ion:112 Resp: 160458

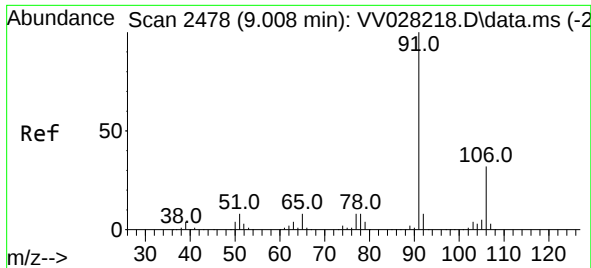
Ion Ratio Lower Upper

112 100

114 31.4 22.5 41.7

77 53.5 46.1 69.1

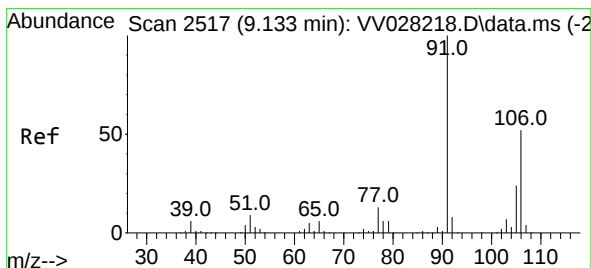
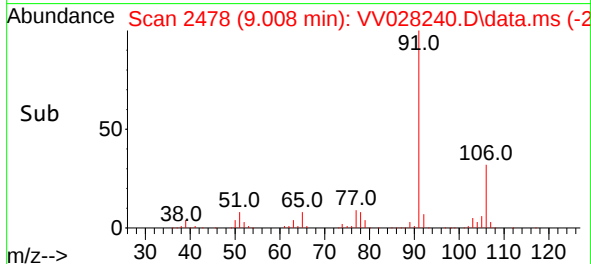
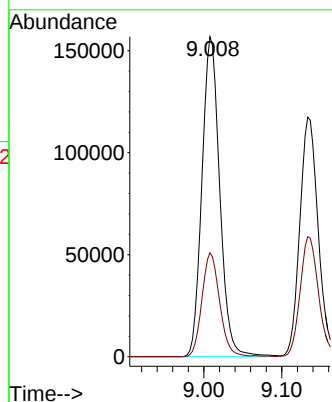
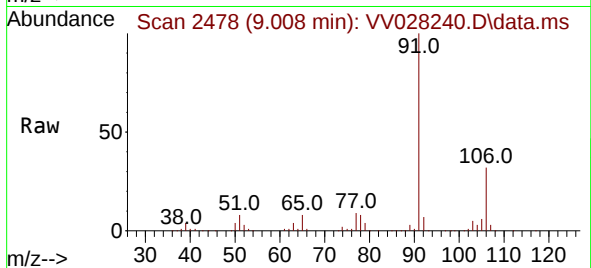




#52
Ethylbenzene
Concen: 5.352 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

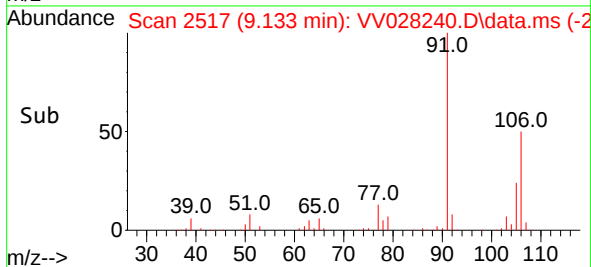
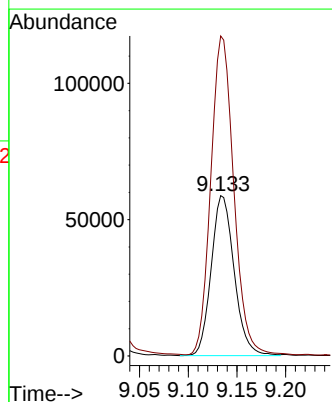
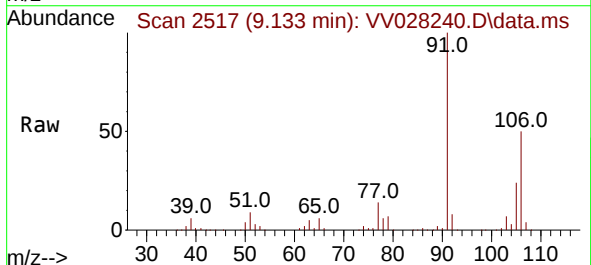
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

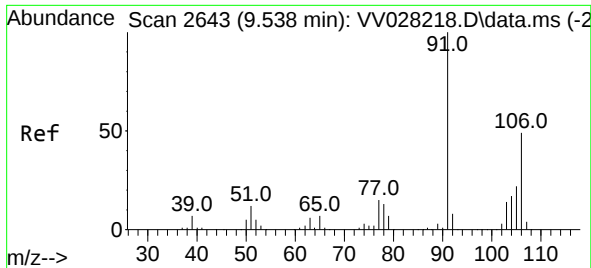
Tgt Ion: 91 Resp: 248600
Ion Ratio Lower Upper
91 100
106 32.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.415 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 106 Resp: 96385
Ion Ratio Lower Upper
106 100
91 199.5 141.9 263.5

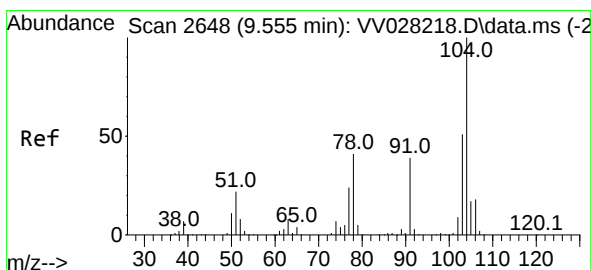
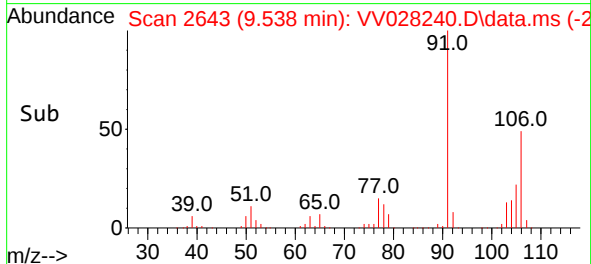
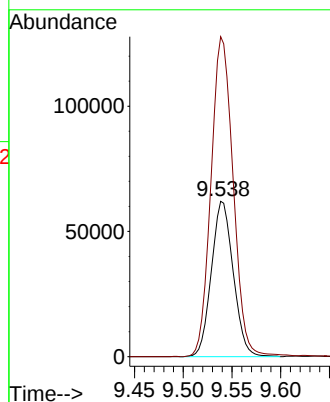
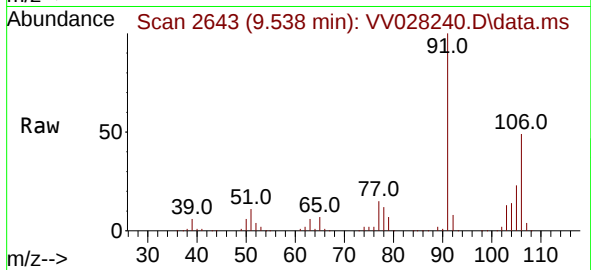




#54
o-Xylene
Concen: 5.510 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

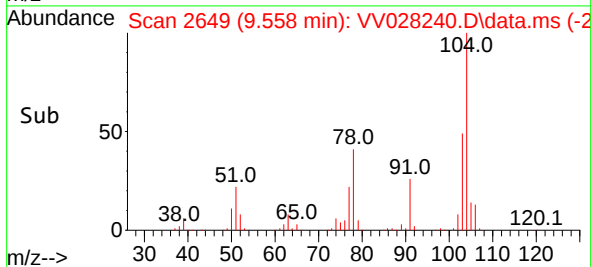
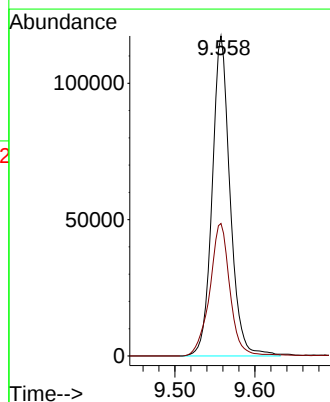
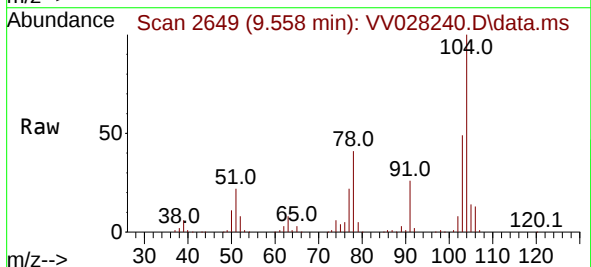
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

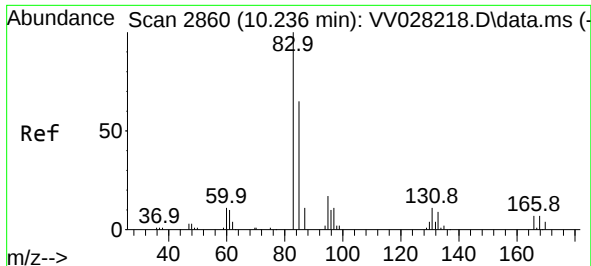
Tgt Ion:106 Resp: 96864
Ion Ratio Lower Upper
106 100
91 205.9 148.1 275.0



#55
Styrene
Concen: 6.004 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion:104 Resp: 182888
Ion Ratio Lower Upper
104 100
78 41.4 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.322 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MSD

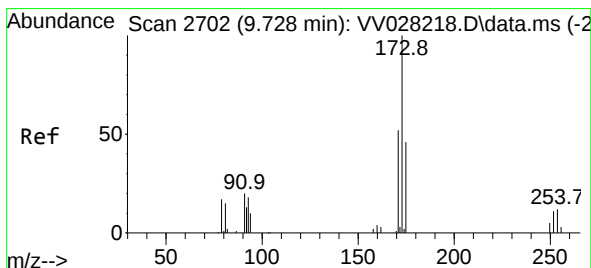
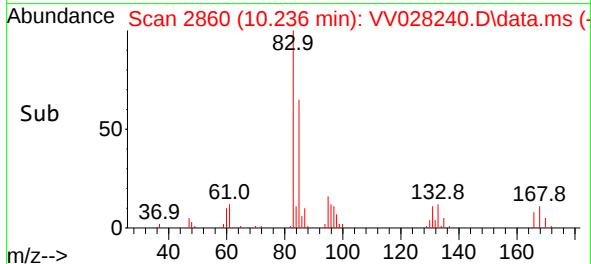
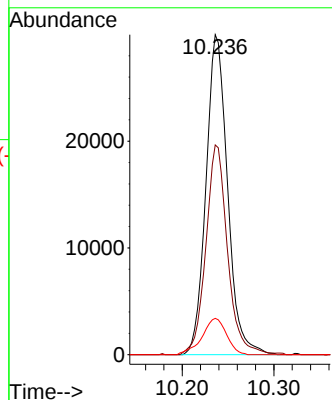
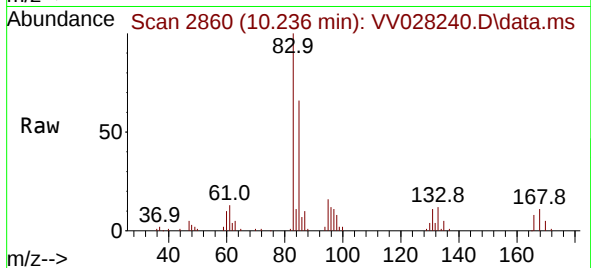
Tgt Ion: 83 Resp: 49051

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

131 11.4 7.8 11.8



#59

Bromoform

Concen: 5.067 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

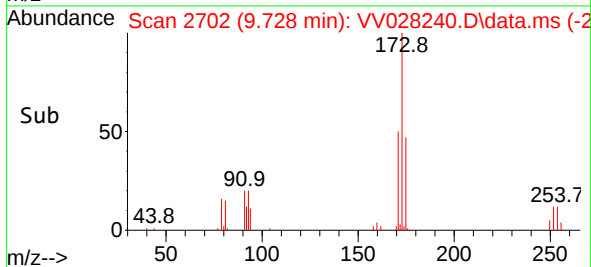
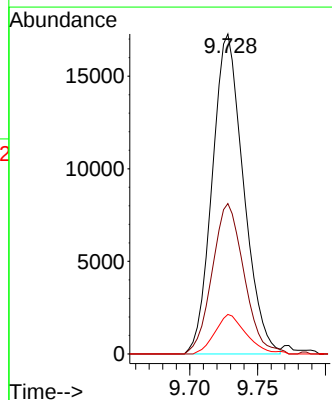
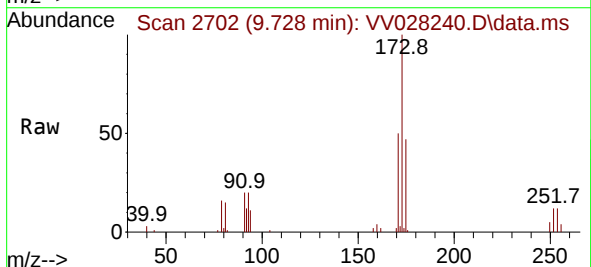
Tgt Ion: 173 Resp: 27667

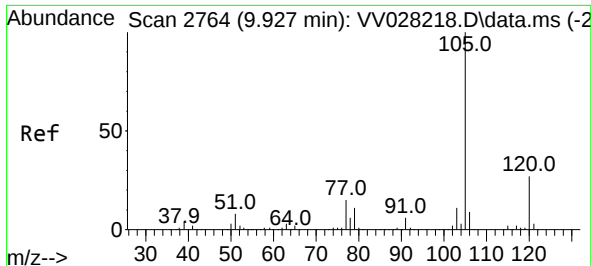
Ion Ratio Lower Upper

173 100

175 47.9 39.0 58.4

254 12.4 8.7 13.1

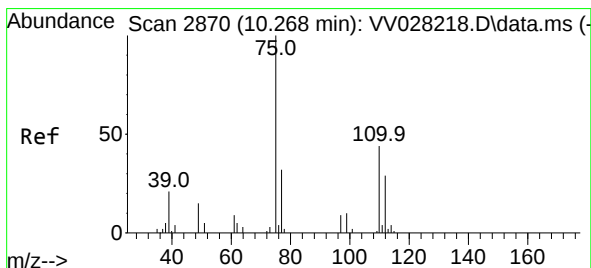
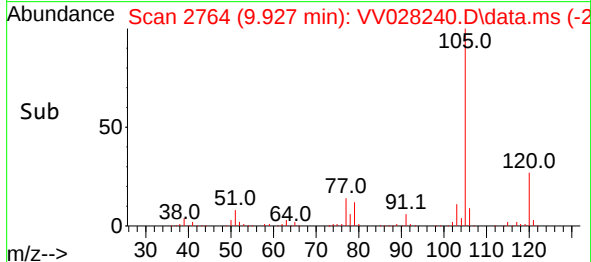
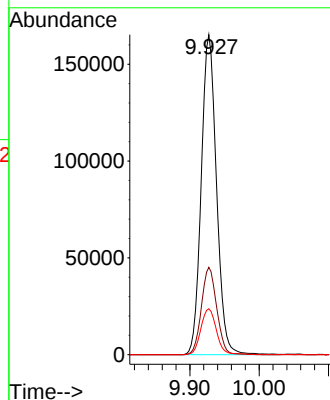
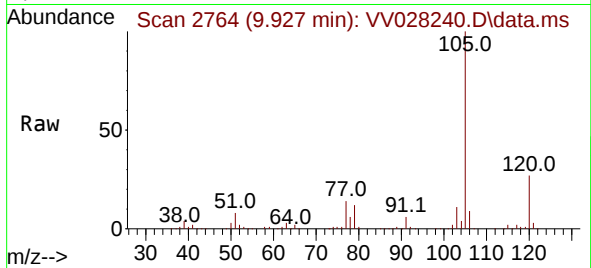




#60
Isopropylbenzene
Concen: 5.000 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

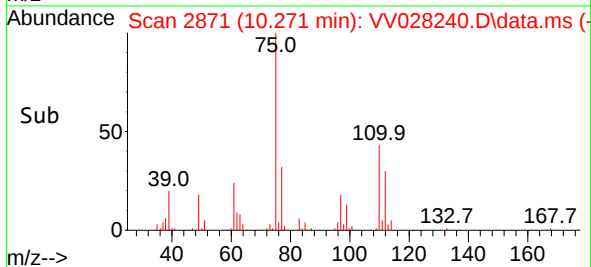
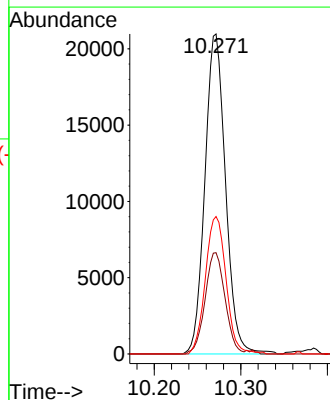
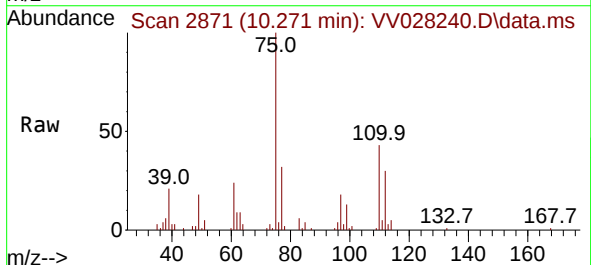
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

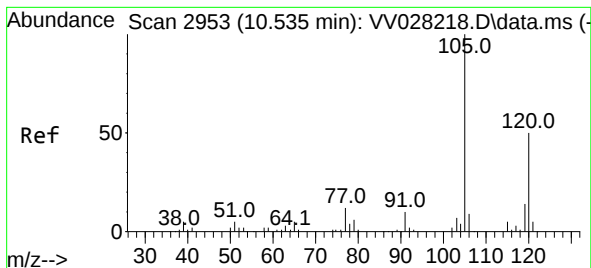
Tgt Ion:105 Resp: 252381
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 14.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.822 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 75 Resp: 34776
Ion Ratio Lower Upper
75 100
77 30.6 26.7 40.1
110 43.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.947 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028240.D

Acq: 30 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

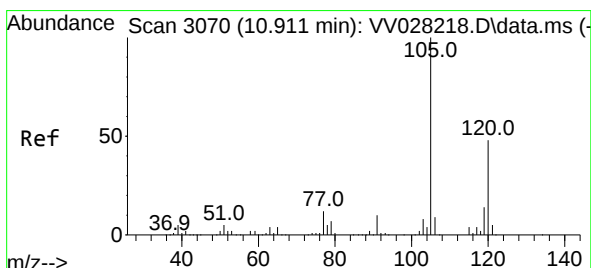
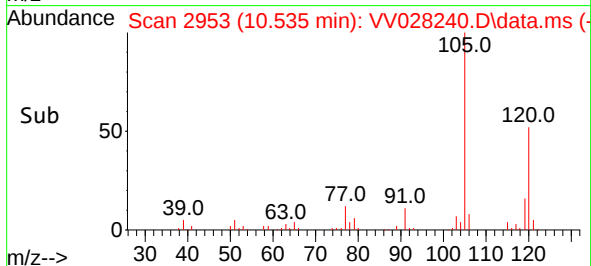
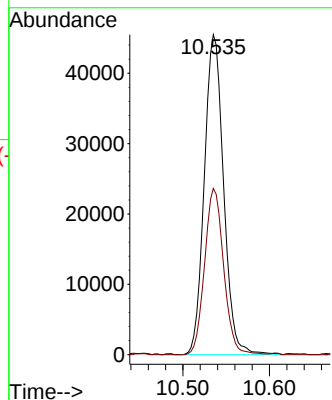
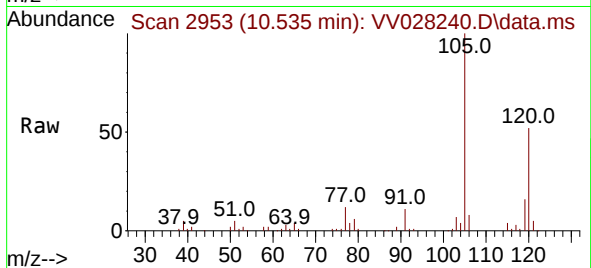
EXZ54MSD

Tgt Ion:105 Resp: 70339

Ion Ratio Lower Upper

105 100

120 51.3 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.962 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028240.D

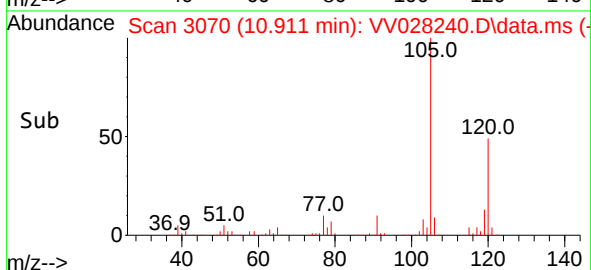
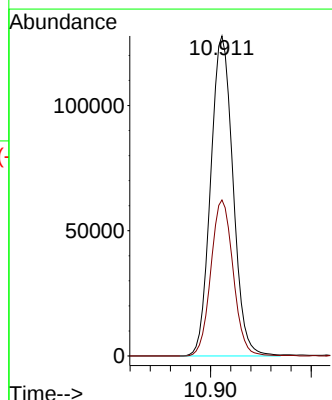
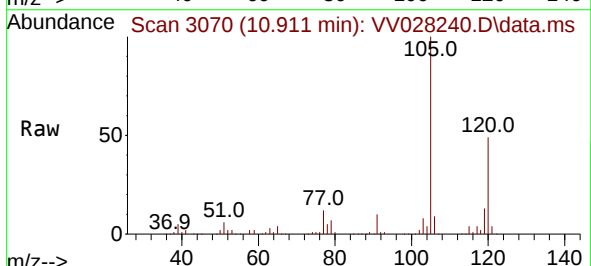
Acq: 30 Sep 2022 20:43

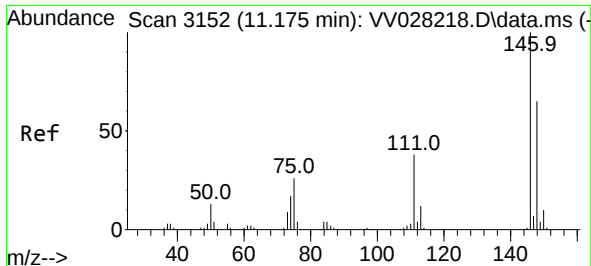
Tgt Ion:105 Resp: 197195

Ion Ratio Lower Upper

105 100

120 48.5 37.8 56.8

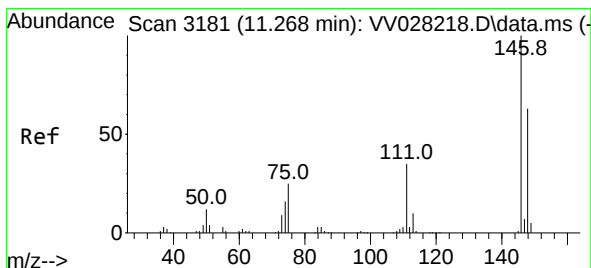
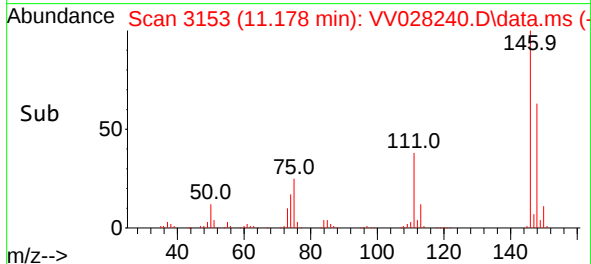
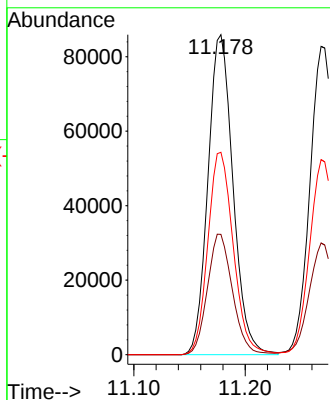
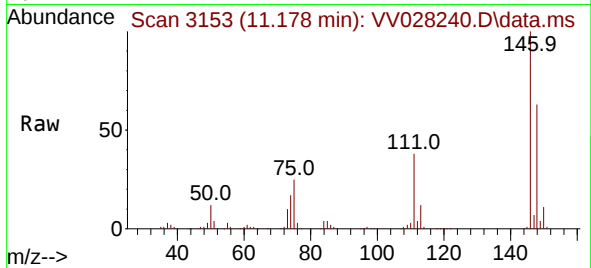




#64
1,3-Dichlorobenzene
Concen: 5.347 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

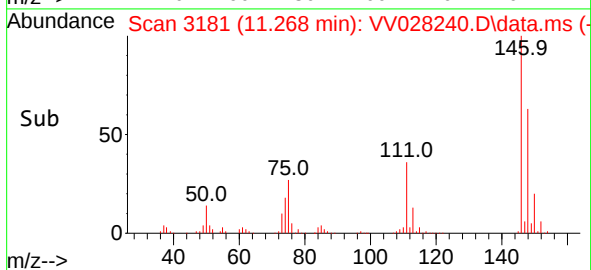
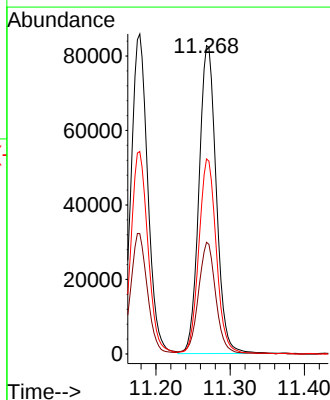
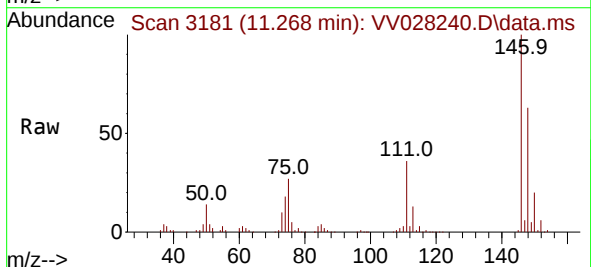
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

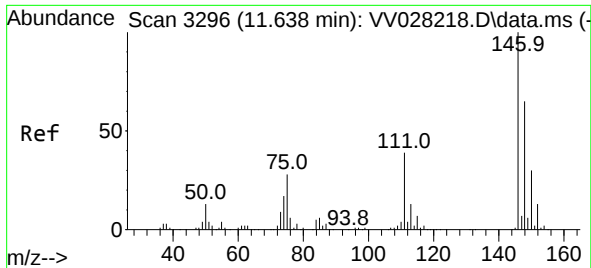
Tgt Ion:146 Resp: 134302
Ion Ratio Lower Upper
146 100
111 37.6 27.1 50.3
148 63.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion:146 Resp: 133749
Ion Ratio Lower Upper
146 100
111 36.2 26.2 48.8
148 63.3 45.8 85.2

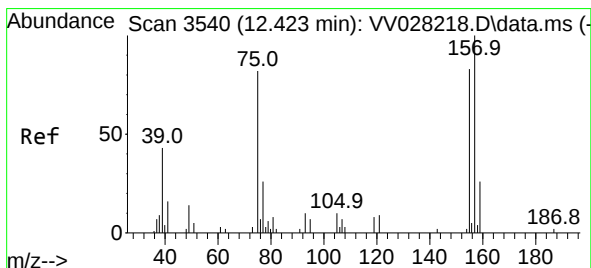
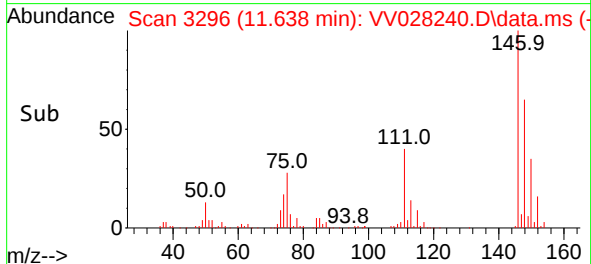
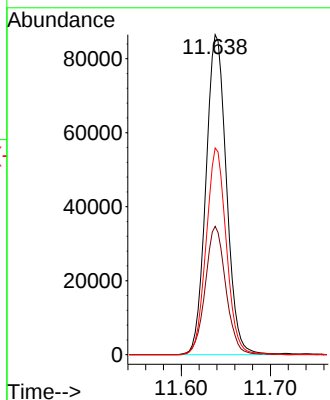
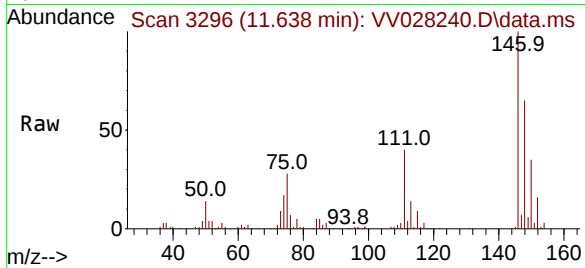




#67
1,2-Dichlorobenzene
Concen: 5.823 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

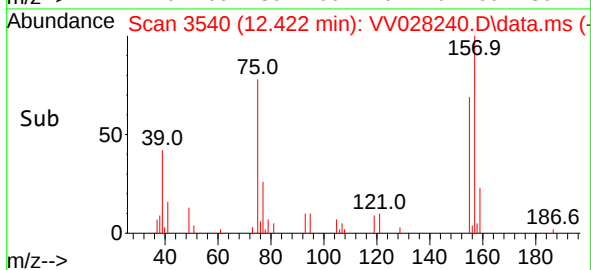
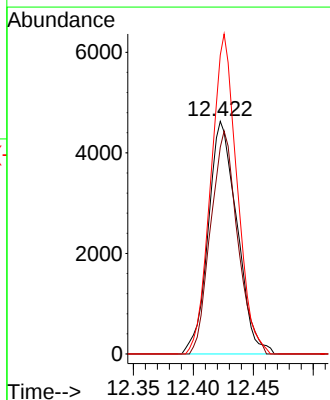
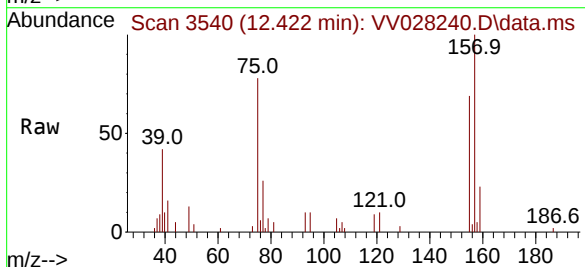
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

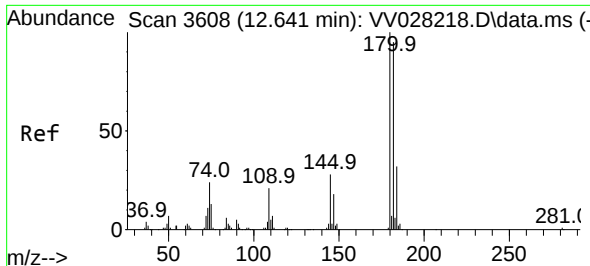
Tgt Ion:146 Resp: 138151
Ion Ratio Lower Upper
146 100
111 40.1 32.6 49.0
148 64.6 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.854 ug/L
RT: 12.422 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion: 75 Resp: 7674
Ion Ratio Lower Upper
75 100
155 88.8 73.6 110.4
157 128.4 90.7 136.1

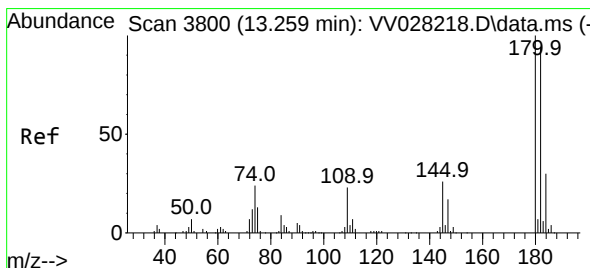
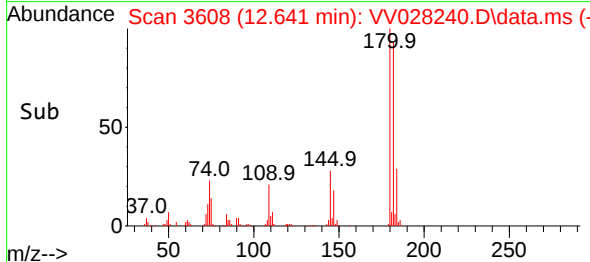
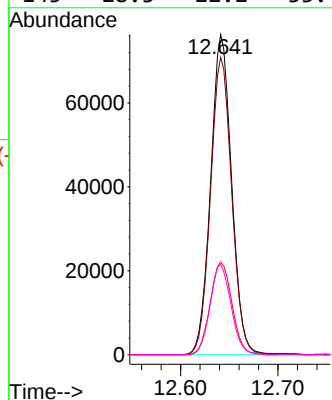
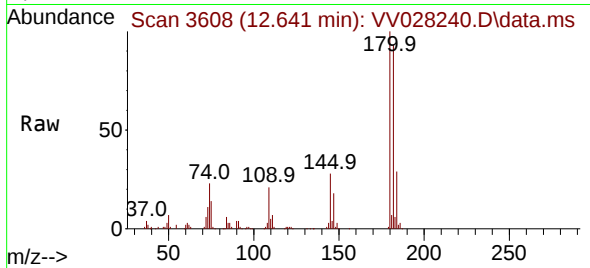




#69
 1,3,5-Trichlorobenzene
 Concen: 5.740 ug/L
 RT: 12.641 min Scan# 3799
 Delta R.T. -0.000 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

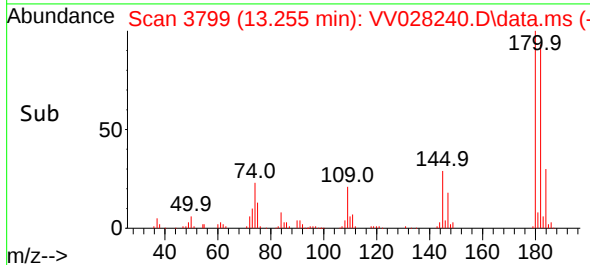
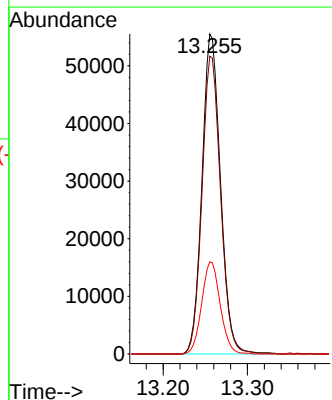
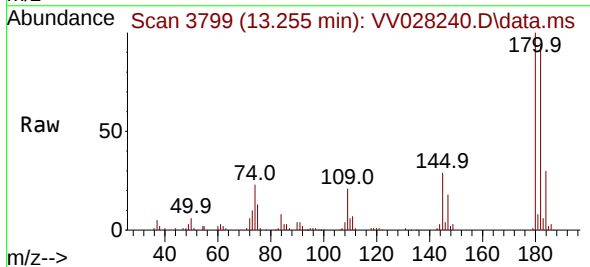
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MSD

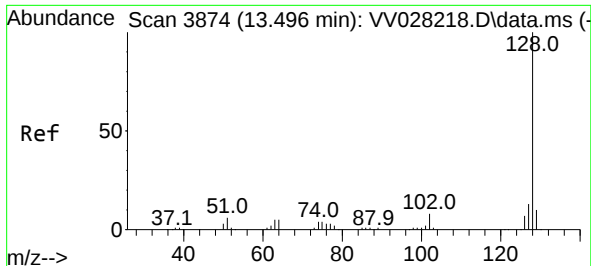
Tgt Ion:180 Resp: 114109
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.5 113.3
 184 29.9 23.7 35.5
 145 28.3 22.2 33.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.347 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. -0.000 min
 Lab File: VV028240.D
 Acq: 30 Sep 2022 20:43

Tgt Ion:180 Resp: 85020
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.3 114.5
 145 28.8 22.9 34.3

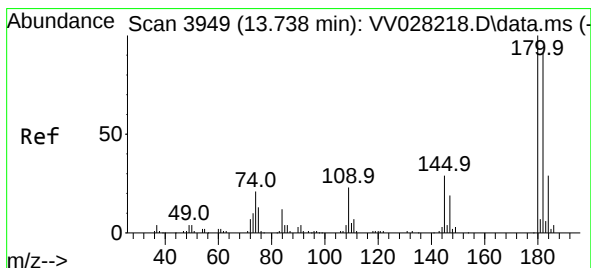
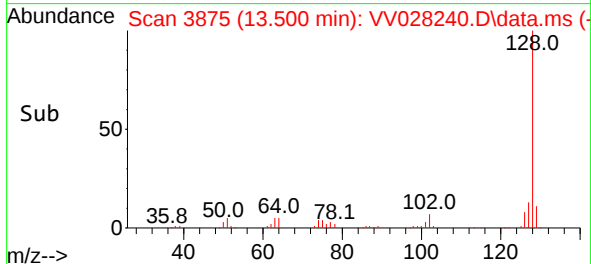
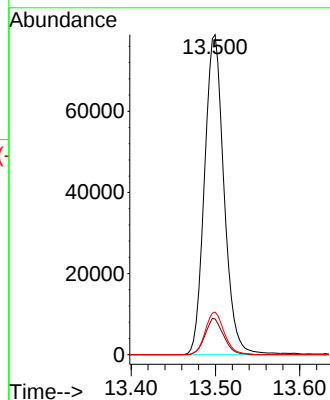
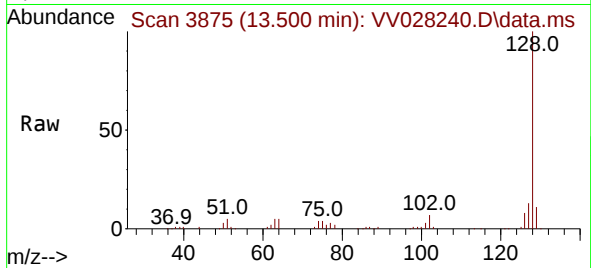




#71
Naphthalene
Concen: 4.886 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Instrument :
MSVOA_V
ClientSampleId :
EXZ54MSD

Tgt Ion:128 Resp: 127214
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.250 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028240.D
Acq: 30 Sep 2022 20:43

Tgt Ion:180 Resp: 75496
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 30.3 24.6 36.8

