

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026474.D
 Acq On : 21 Jun 2022 02:35
 Operator : SY/MD
 Sample : N3355-13MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C9MSD

Quant Time: Jun 21 05:44:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188711	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	172573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	84196	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	73316	4.473	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.584	69	63108	4.897	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.124	63	132554	4.709	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	3.934	46	99076	61.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.900%	
24) Chloroform-d	4.365	84	140283	5.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.800%	
26) 1,2-Dichloroethane-d4	5.047	65	56530	5.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
32) Benzene-d6	5.063	84	269975	5.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.000%	
36) 1,2-Dichloropropane-d6	6.076	67	78630	5.839	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.800%	
41) Toluene-d8	7.320	98	252085	5.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.800%	
43) trans-1,3-Dichloroprop...	7.629	79	18042	4.132	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.092	63	77270	58.583	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52879	6.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	127.400%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	74771	5.765	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.147	85	65641	4.652	ug/L	99
3) Chloromethane	1.259	50	72449	4.624	ug/L	98
5) Vinyl chloride	1.327	62	75631	4.643	ug/L	87
6) Bromomethane	1.539	94	35093	3.855	ug/L	100
8) Chloroethane	1.603	64	59824	5.916	ug/L	91
9) Trichlorofluoromethane	1.770	101	107817	4.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	61260	4.698	ug/L	99
12) 1,1-Dichloroethene	2.137	96	58768	4.929	ug/L	97
13) Acetone	2.224	43	71836	57.957	ug/L	98
14) Carbon disulfide	2.310	76	131717	4.481	ug/L	97
15) Methyl Acetate	2.468	43	5653	1.901	ug/L #	89
16) Methylene chloride	2.526	84	64906	4.267	ug/L	99
17) Methyl tert-butyl Ether	2.790	73	119748	5.841	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	58688	5.076	ug/L	97
19) 1,1-Dichloroethane	3.208	63	121790	5.523	ug/L	98
21) 2-Butanone	4.015	43	94028	58.629	ug/L	100
22) cis-1,2-Dichloroethene	3.931	96	67518	5.771	ug/L	98
23) Bromochloromethane	4.265	128	28300	5.701	ug/L	91
25) Chloroform	4.391	83	128949	5.391	ug/L	99

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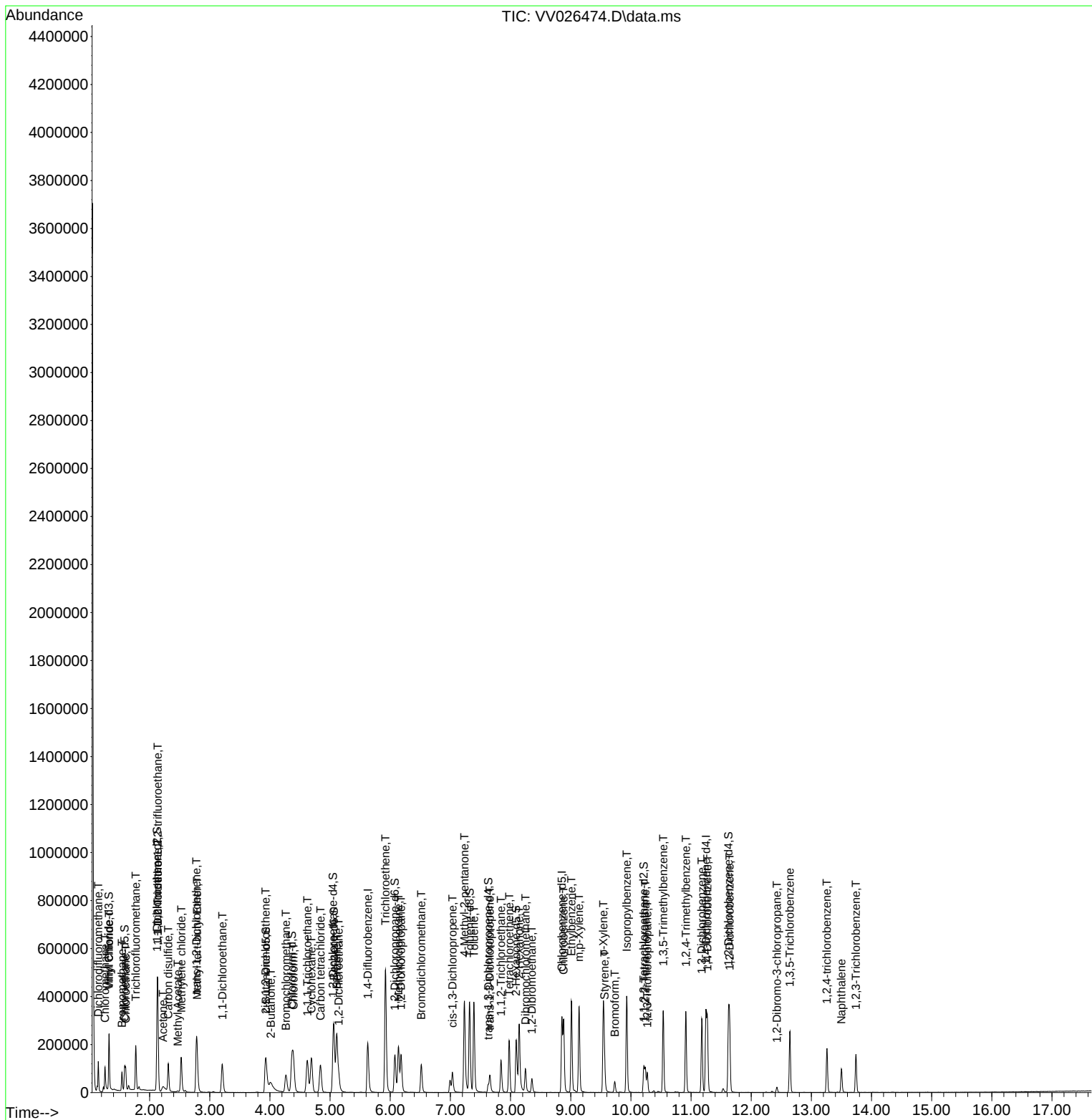
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 ClientSampleId :
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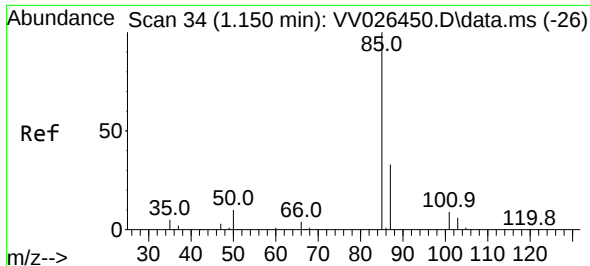
Quant Time: Jun 21 05:44:15 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	60086	5.519	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	111983	5.873	ug/L	98
30) Cyclohexane	4.690	56	71587	5.019	ug/L	99
31) Carbon tetrachloride	4.841	117	87751	5.434	ug/L	96
33) Benzene	5.111	78	261341	5.907	ug/L	100
34) Trichloroethene	5.921	95	184343	15.261	ug/L	97
35) Methylcyclohexane	6.137	83	78911	4.723	ug/L	98
37) 1,2-Dichloropropane	6.178	63	64223	5.550	ug/L	98
38) Bromodichloromethane	6.516	83	79541	5.667	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	55618	4.211	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	255264	59.992	ug/L	97
42) Toluene	7.391	91	283476	6.092	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	42834	4.061	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	44346	5.838	ug/L	97
47) Tetrachloroethene	7.979	164	50379	5.631	ug/L	98
48) 2-Hexanone	8.143	43	181373	59.496	ug/L	97
49) Dibromochloromethane	8.249	129	47474	5.644	ug/L	97
50) 1,2-Dibromoethane	8.355	107	37273	5.759	ug/L	95
51) Chlorobenzene	8.883	112	172284	5.670	ug/L	98
52) Ethylbenzene	9.011	91	263553	5.650	ug/L	99
53) m,p-Xylene	9.140	106	103469	5.690	ug/L	100
54) o-Xylene	9.545	106	99215	5.632	ug/L	99
55) Styrene	9.561	104	66733	2.256	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	49625	6.441	ug/L	96
59) Bromoform	9.731	173	20404	5.519	ug/L	98
60) Isopropylbenzene	9.931	105	256190	5.708	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	32649	5.976	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	181664	5.101	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	183468	5.204	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	126137	5.719	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	127048	5.668	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	112864	5.778	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5765	5.957	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	78517	4.924	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	57385	4.879	ug/L	96
71) Naphthalene	13.500	128	80464	4.927	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	47871	4.861	ug/L	98

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

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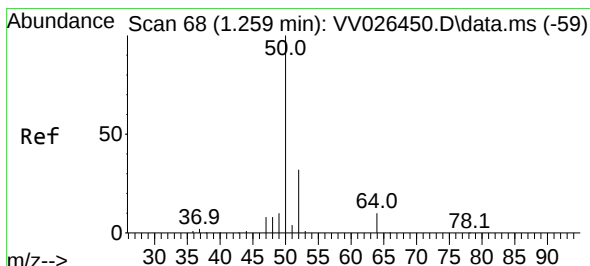
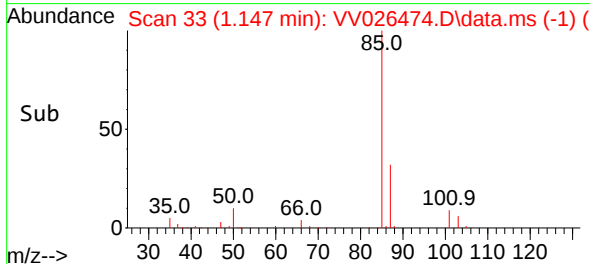
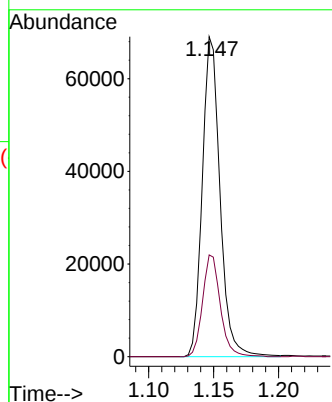
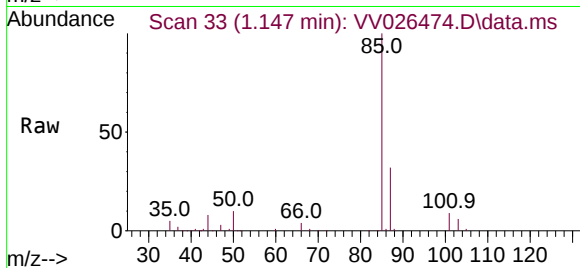




#2
 Dichlorodifluoromethane
 Concen: 4.652 ug/L
 RT: 1.147 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

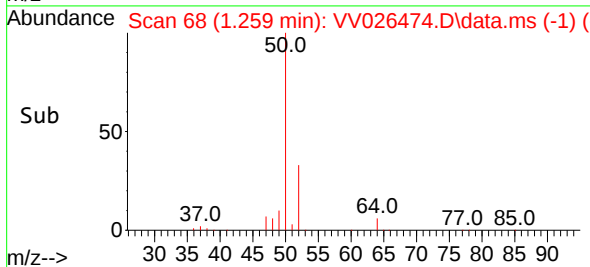
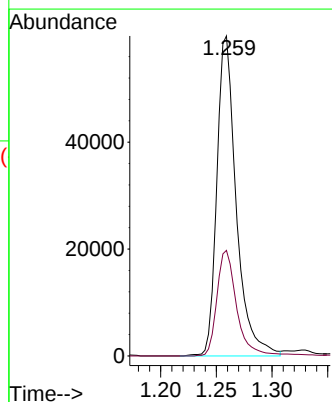
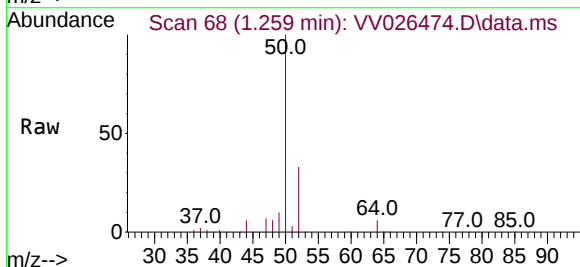
Instrument :
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 ClientSampleId :
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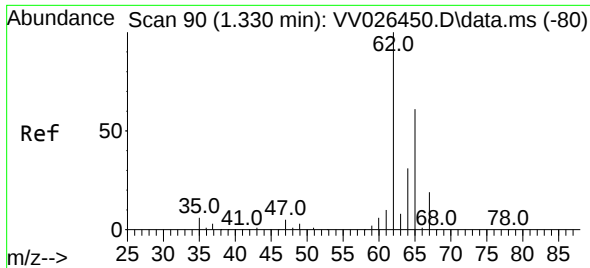
Tgt Ion: 85 Resp: 65641
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.624 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

Tgt Ion: 50 Resp: 72449
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1

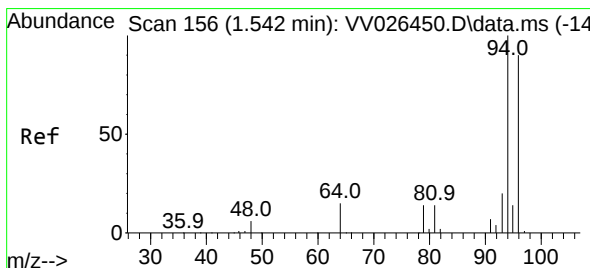
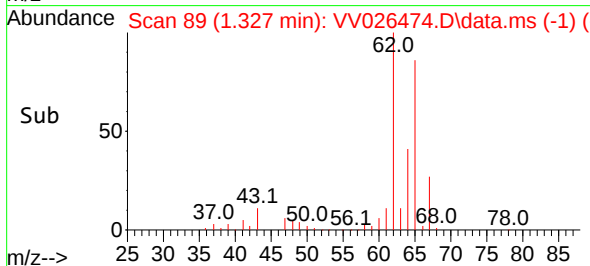
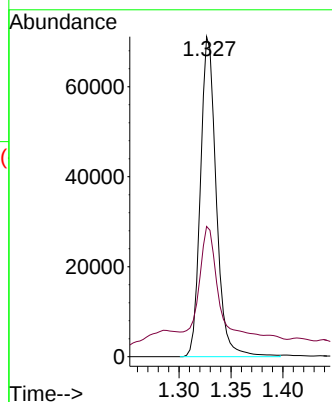
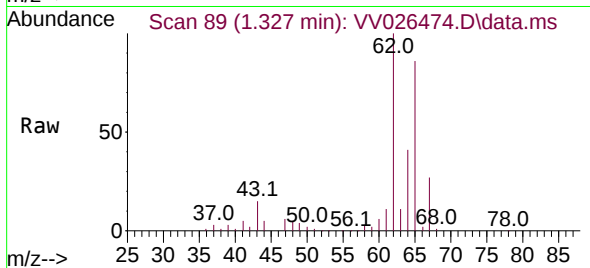




#5
 Vinyl chloride
 Concen: 4.643 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

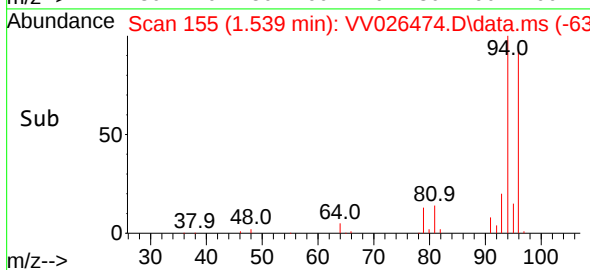
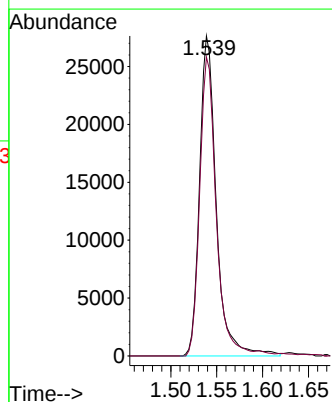
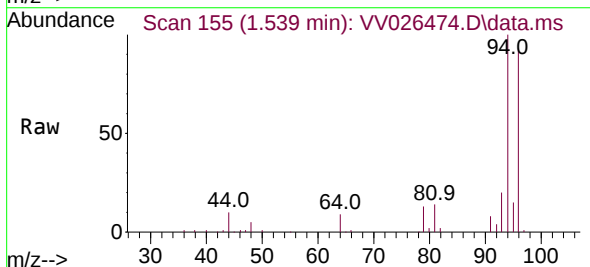
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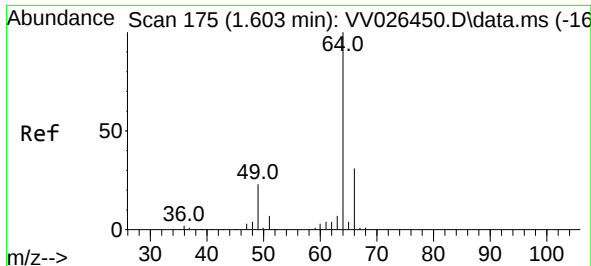
Tgt Ion: 62 Resp: 75631
 Ion Ratio Lower Upper
 62 100
 64 40.7 23.2 43.2



#6
 Bromomethane
 Concen: 3.855 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

Tgt Ion: 94 Resp: 35093
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.7 121.9

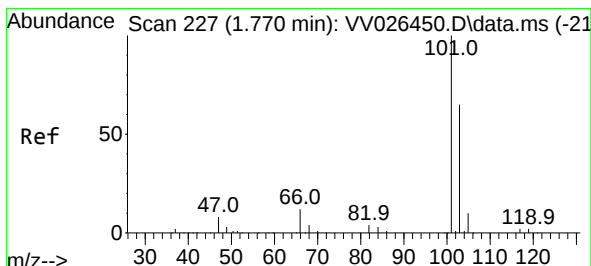
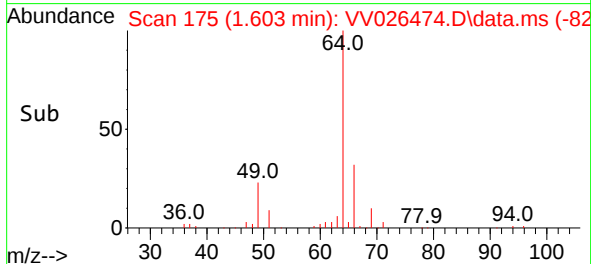
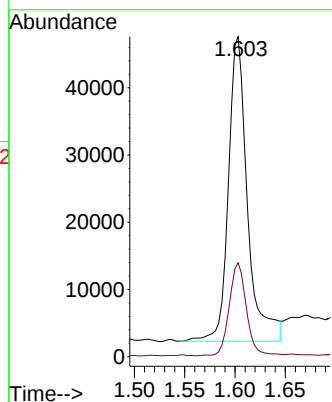
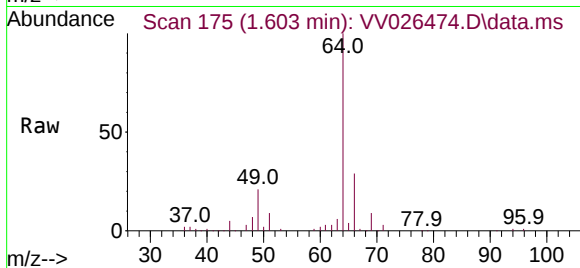




#8
Chloroethane
Concen: 5.916 ug/L
RT: 1.603 min Scan# 175
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

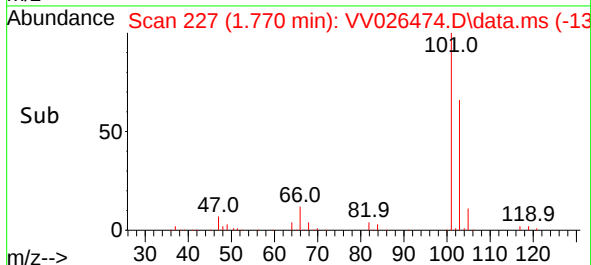
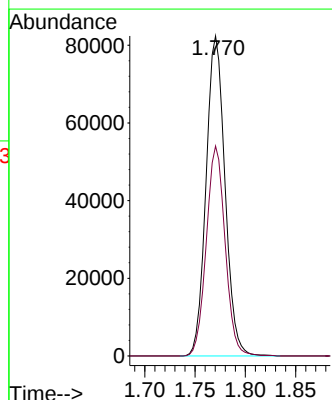
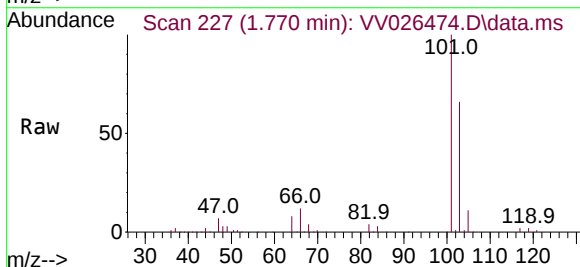
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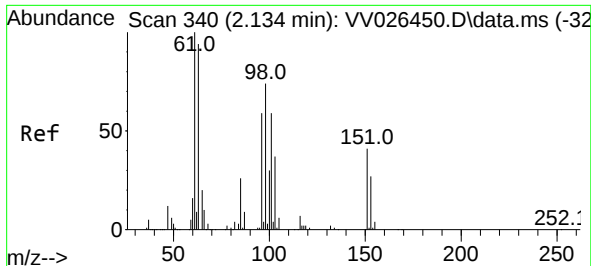
Tgt Ion: 64 Resp: 59824
Ion Ratio Lower Upper
64 100
66 29.3 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.795 ug/L
RT: 1.770 min Scan# 227
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion:101 Resp: 107817
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

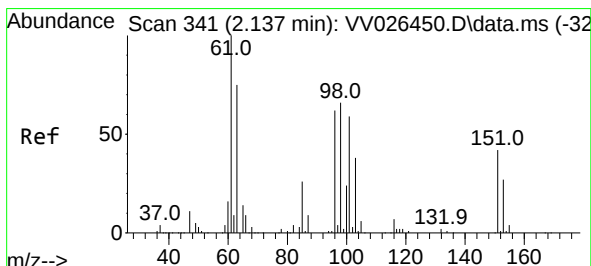
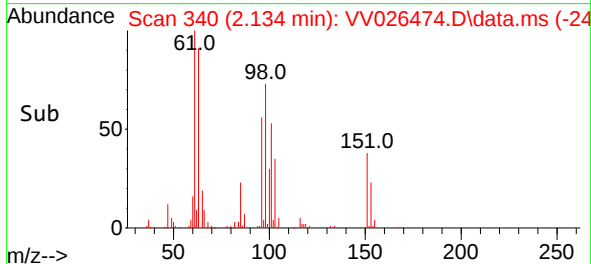
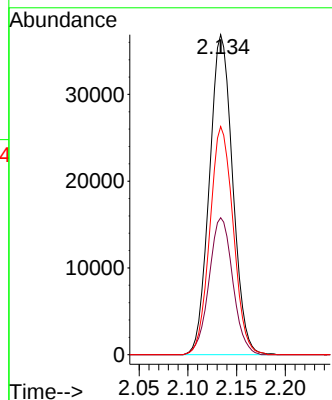
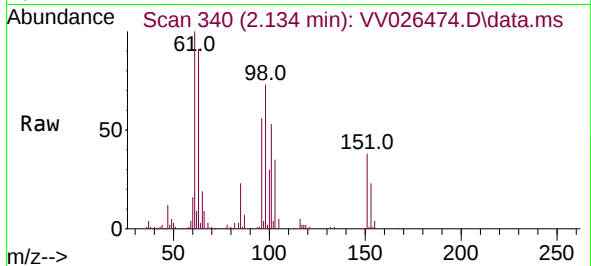




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.698 ug/L
RT: 2.134 min Scan# 340
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

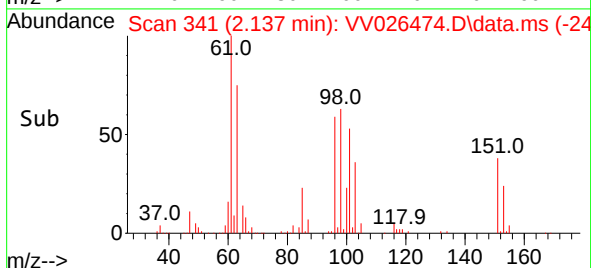
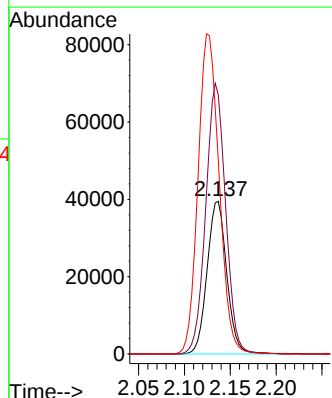
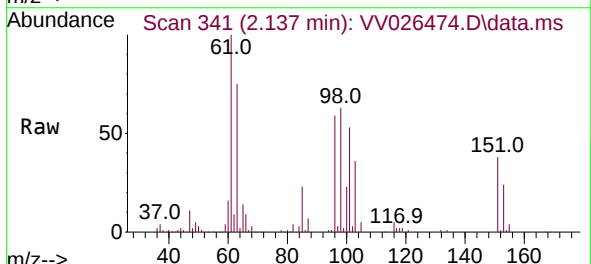
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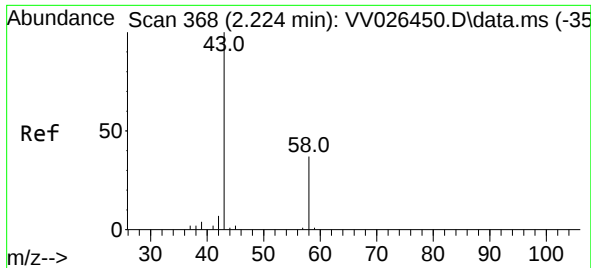
Tgt Ion:101 Resp: 61260
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 71.7 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.929 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 96 Resp: 58768
Ion Ratio Lower Upper
96 100
61 169.8 117.1 217.5
63 127.1 92.8 172.4





#13

Acetone

Concen: 57.957 ug/L

RT: 2.224 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

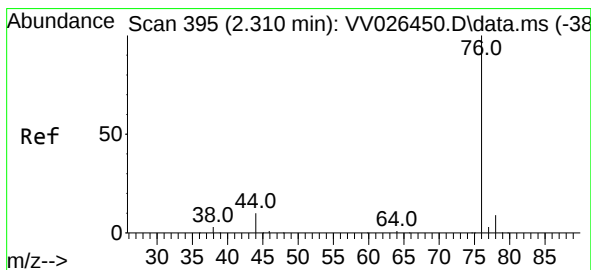
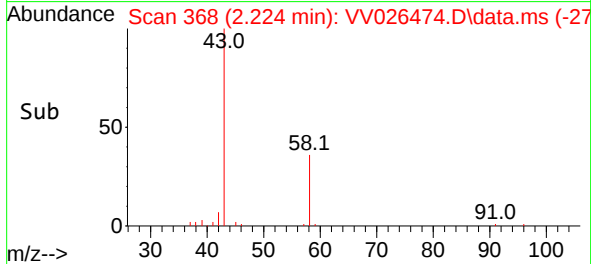
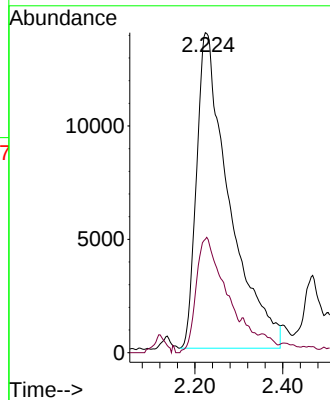
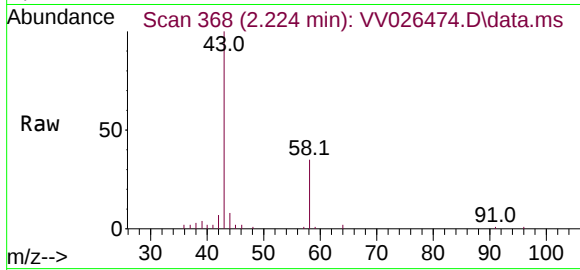
EY0C9MSD

Tgt Ion: 43 Resp: 71836

Ion Ratio Lower Upper

43 100

58 31.0 0.0 60.0



#14

Carbon disulfide

Concen: 4.481 ug/L

RT: 2.310 min Scan# 395

Delta R.T. -0.000 min

Lab File: VV026474.D

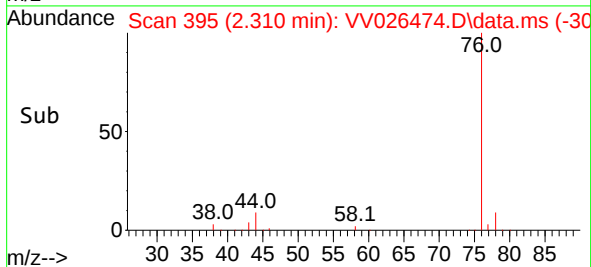
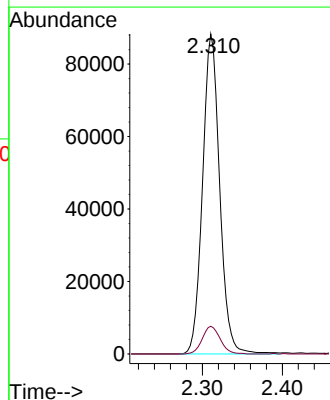
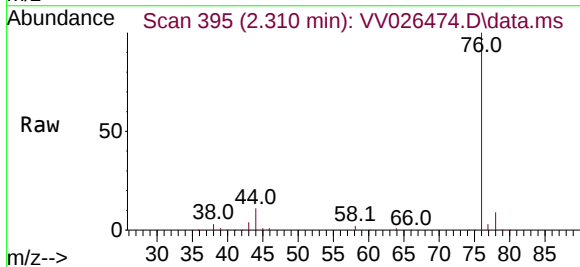
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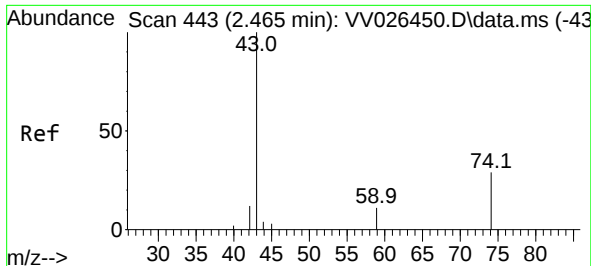
Tgt Ion: 76 Resp: 131717

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5

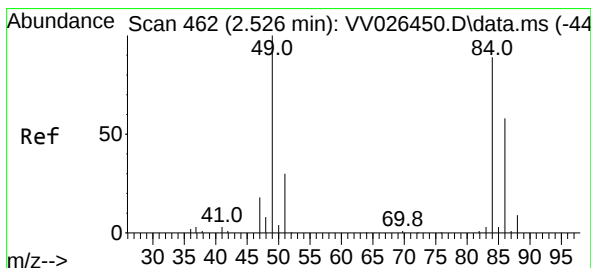
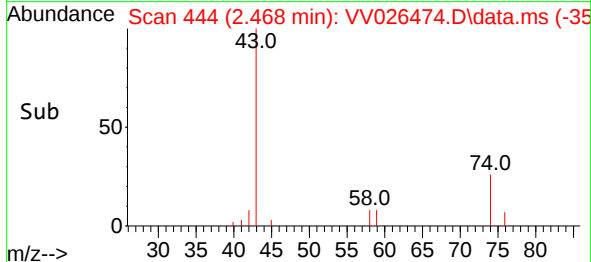
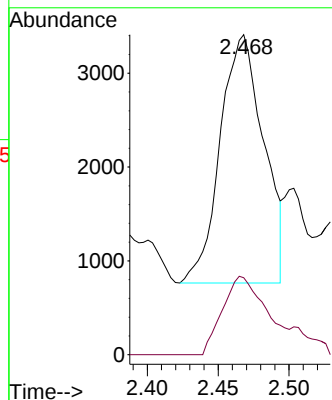
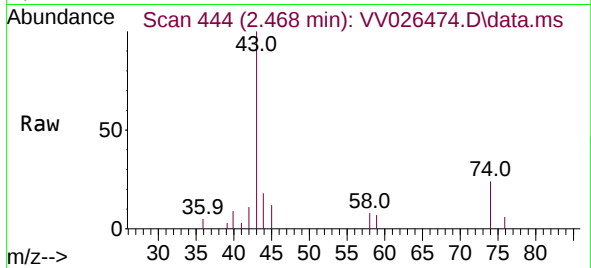




#15
Methyl Acetate
Concen: 1.901 ug/L
RT: 2.468 min Scan# 443
Delta R.T. 0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

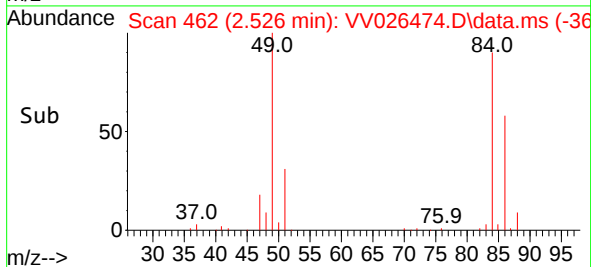
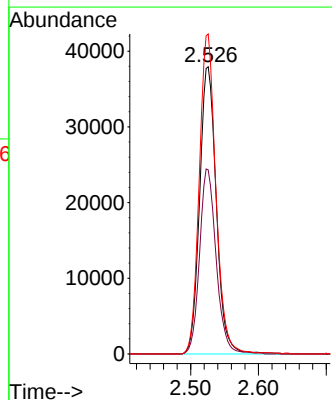
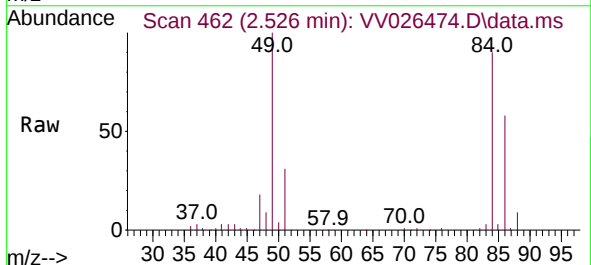
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

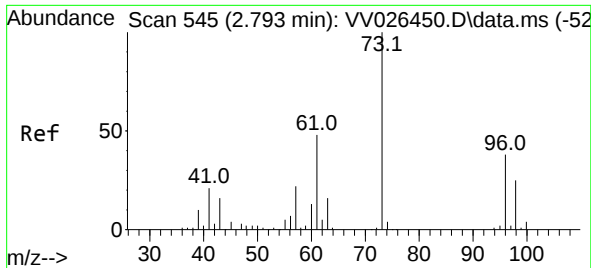
Tgt Ion: 43 Resp: 5653
Ion Ratio Lower Upper
43 100
74 32.3 21.4 32.0#



#16
Methylene chloride
Concen: 4.267 ug/L
RT: 2.526 min Scan# 462
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 84 Resp: 64906
Ion Ratio Lower Upper
84 100
86 64.1 44.0 81.8
49 111.4 77.3 143.7

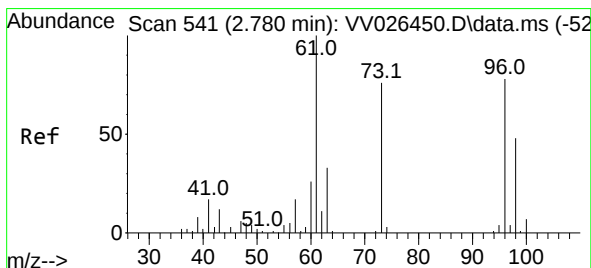
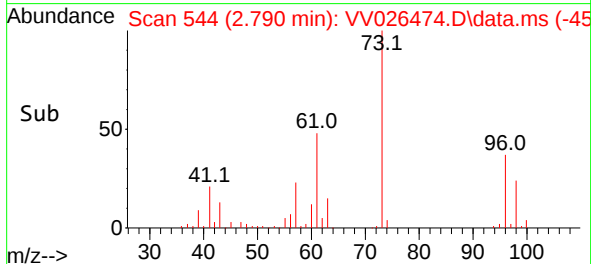
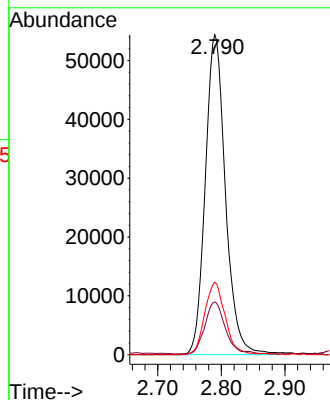
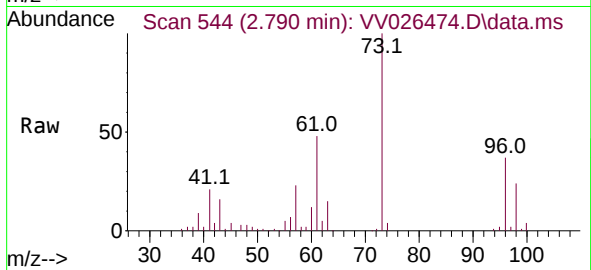




#17
Methyl tert-butyl Ether
Concen: 5.841 ug/L
RT: 2.790 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

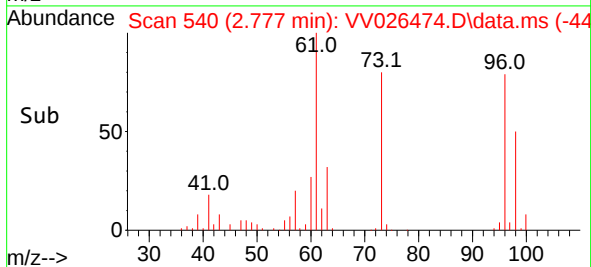
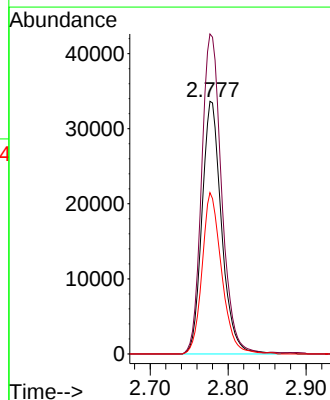
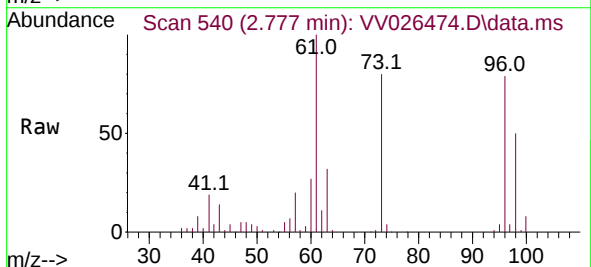
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

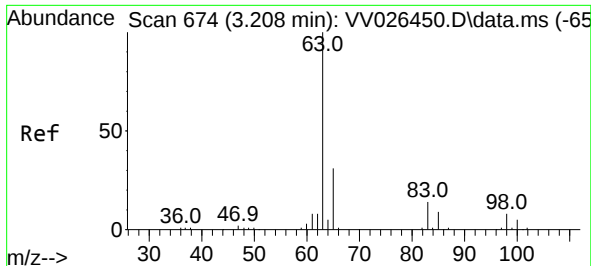
Tgt Ion: 73 Resp: 119748
Ion Ratio Lower Upper
73 100
43 15.9 13.0 19.6
57 22.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.076 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 96 Resp: 58688
Ion Ratio Lower Upper
96 100
61 126.7 91.3 169.6
98 63.9 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.523 ug/L

RT: 3.208 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EY0C9MSD

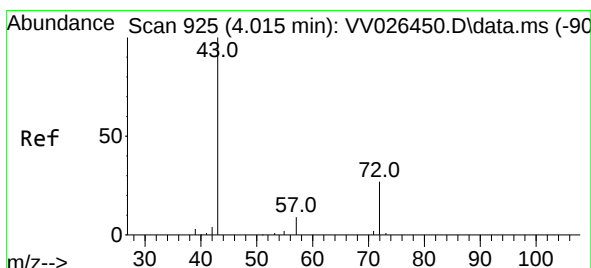
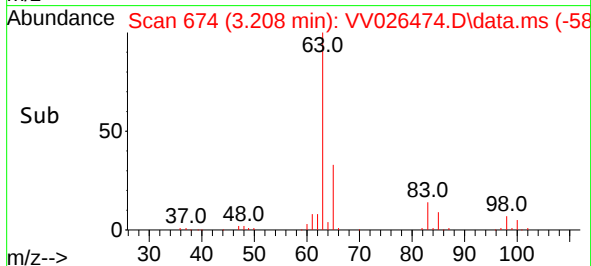
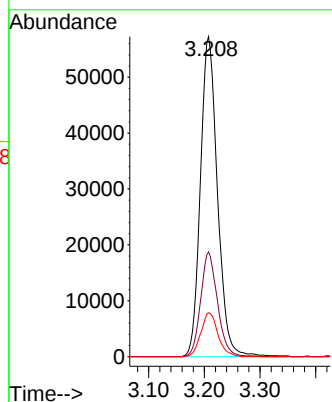
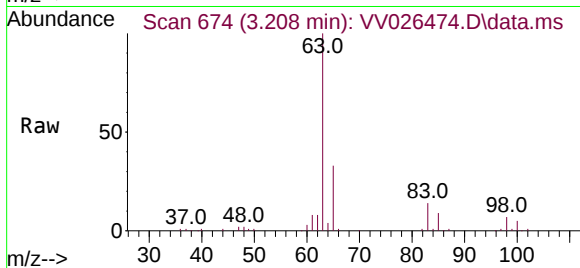
Tgt Ion: 63 Resp: 121790

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 13.8 8.9 16.5



#21

2-Butanone

Concen: 58.629 ug/L

RT: 4.015 min Scan# 925

Delta R.T. -0.000 min

Lab File: VV026474.D

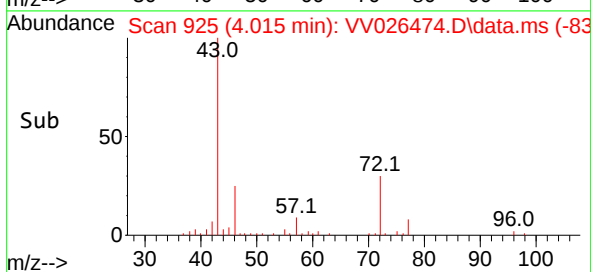
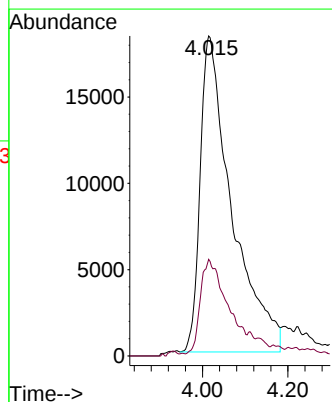
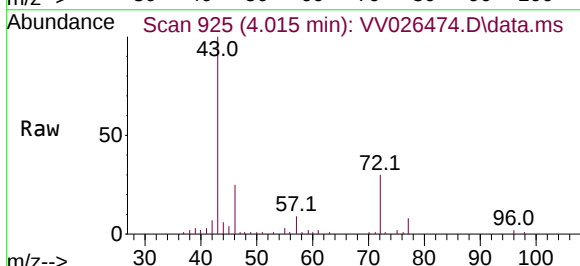
Acq: 21 Jun 2022 02:35

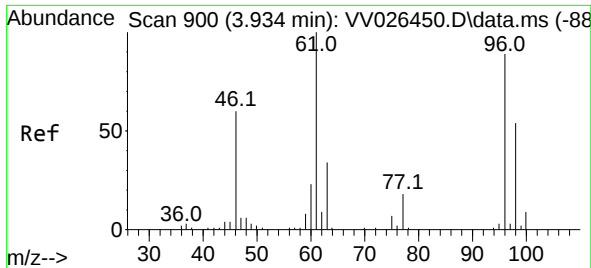
Tgt Ion: 43 Resp: 94028

Ion Ratio Lower Upper

43 100

72 25.2 12.7 38.0

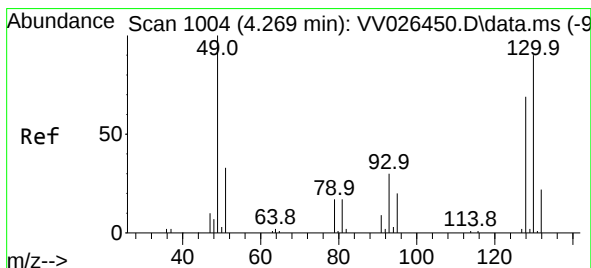
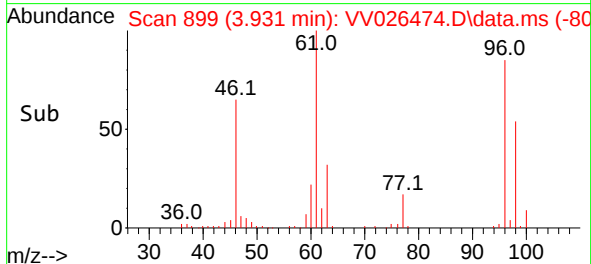
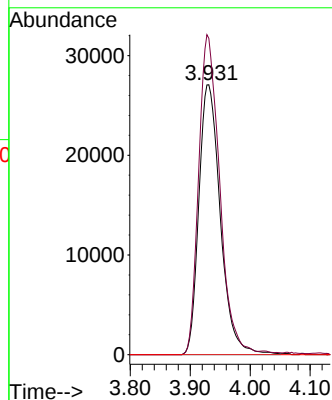
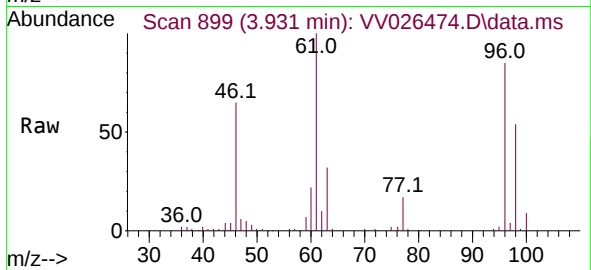




#22
 cis-1,2-Dichloroethene
 Concen: 5.771 ug/L
 RT: 3.931 min Scan# 899
 Delta R.T. -0.003 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

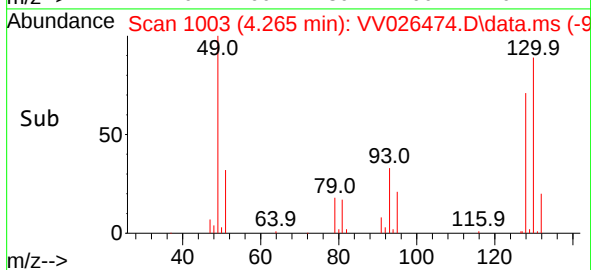
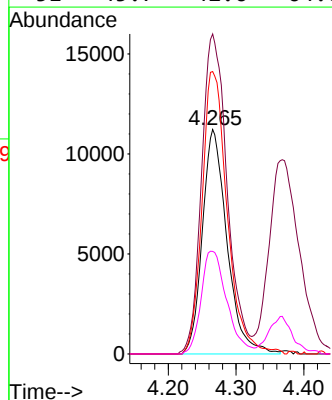
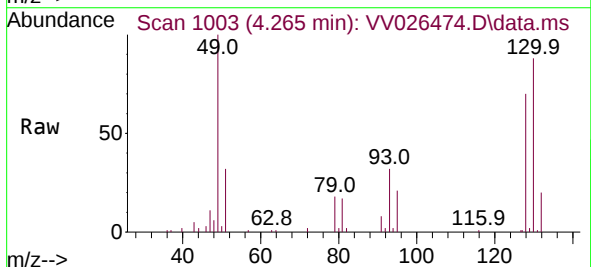
Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C9MSD

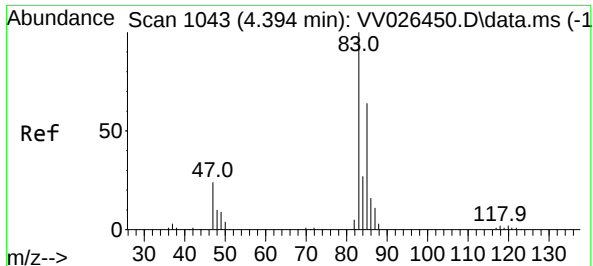
Tgt Ion: 96 Resp: 67518
 Ion Ratio Lower Upper
 96 100
 61 117.2 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.701 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. -0.003 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

Tgt Ion: 128 Resp: 28300
 Ion Ratio Lower Upper
 128 100
 49 142.5 111.6 207.2
 130 125.8 91.1 169.1
 51 45.7 42.6 64.0





#25

Chloroform

Concen: 5.391 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. -0.003 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

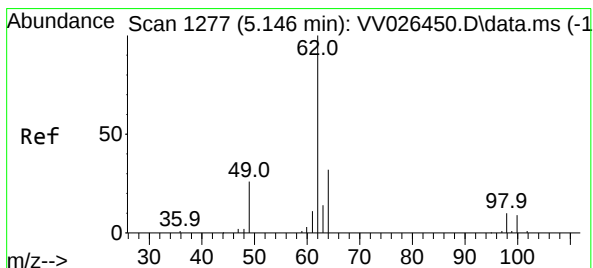
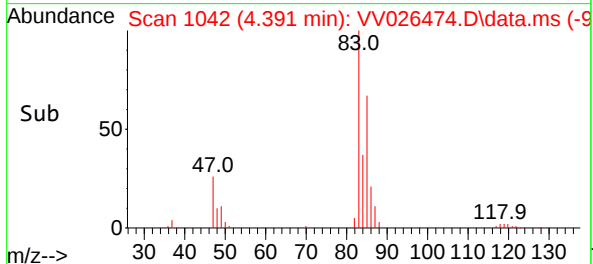
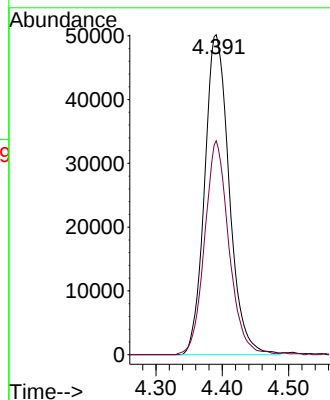
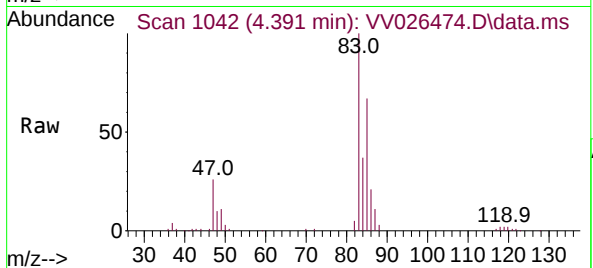
EY0C9MSD

Tgt Ion: 83 Resp: 128949

Ion Ratio Lower Upper

83 100

85 66.9 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.519 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. -0.003 min

Lab File: VV026474.D

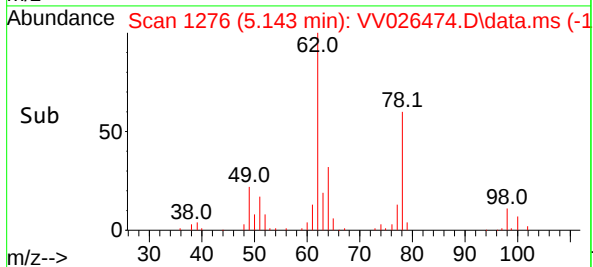
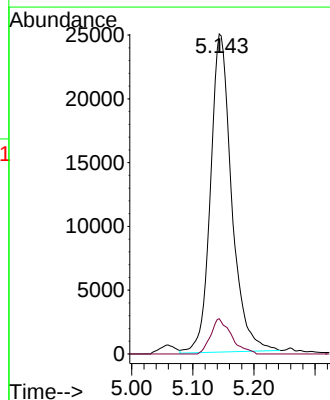
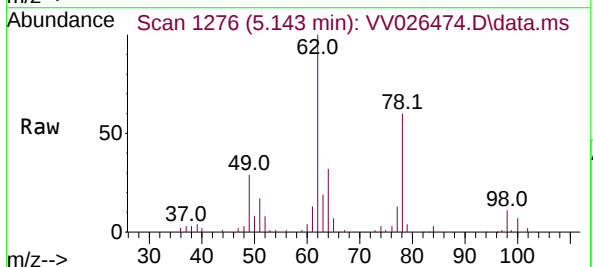
Acq: 21 Jun 2022 02:35

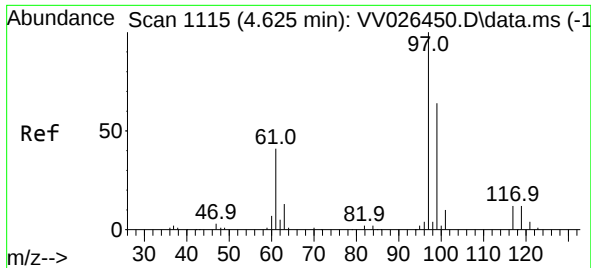
Tgt Ion: 62 Resp: 60086

Ion Ratio Lower Upper

62 100

98 11.0 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.873 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. -0.003 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EY0C9MSD

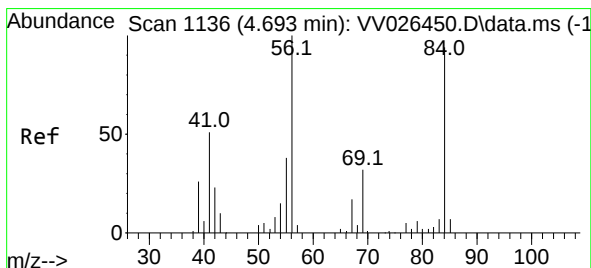
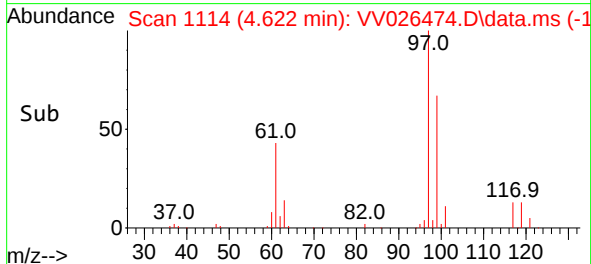
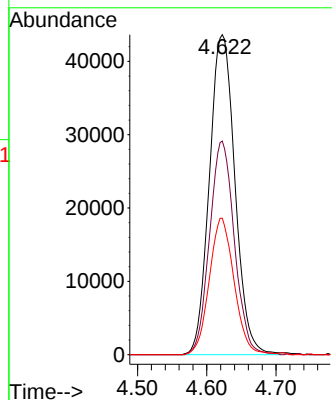
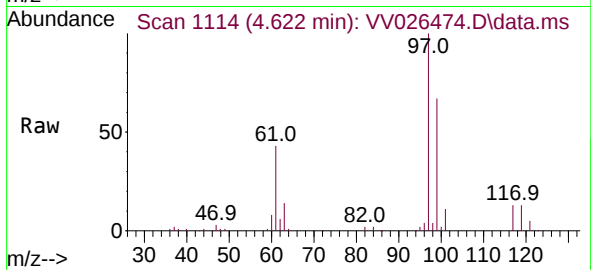
Tgt Ion: 97 Resp: 111983

Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

61 41.4 33.4 50.0



#30

Cyclohexane

Concen: 5.019 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

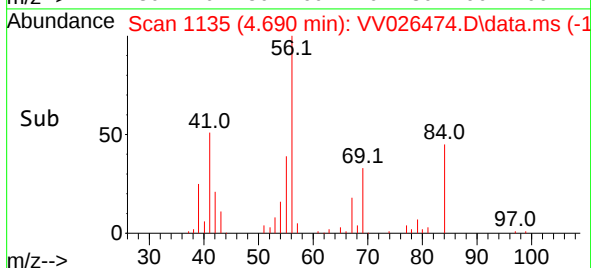
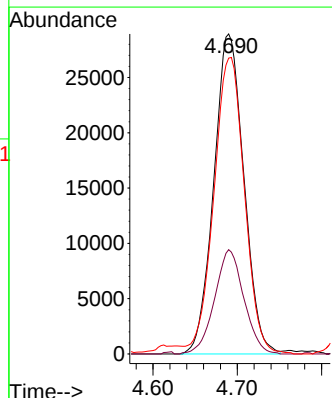
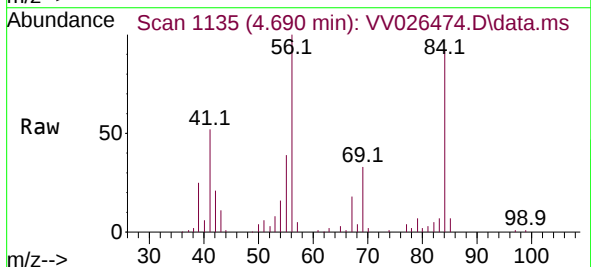
Tgt Ion: 56 Resp: 71587

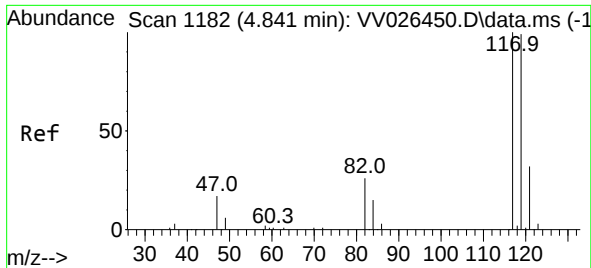
Ion Ratio Lower Upper

56 100

69 31.8 24.9 37.3

84 94.6 76.4 114.6

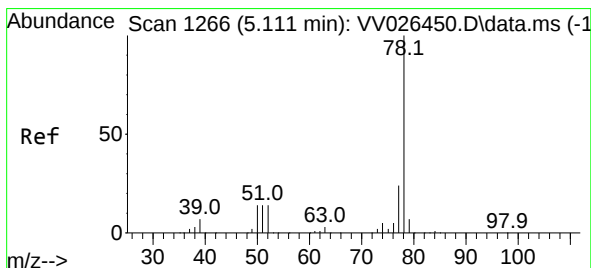
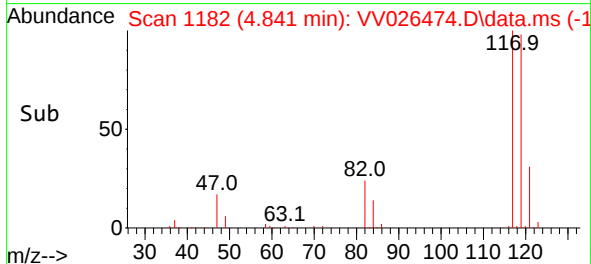
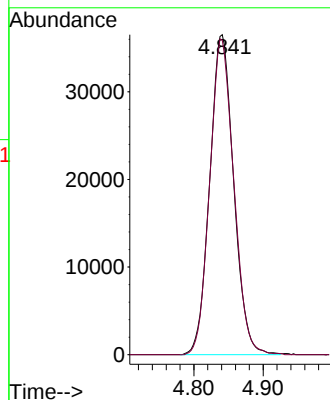
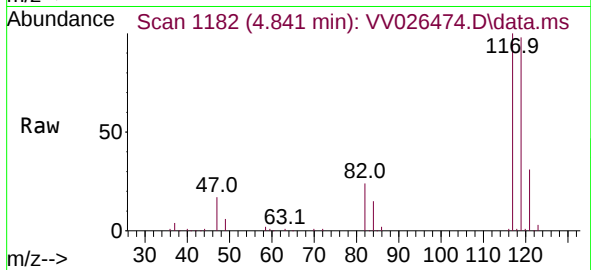




#31
Carbon tetrachloride
Concen: 5.434 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

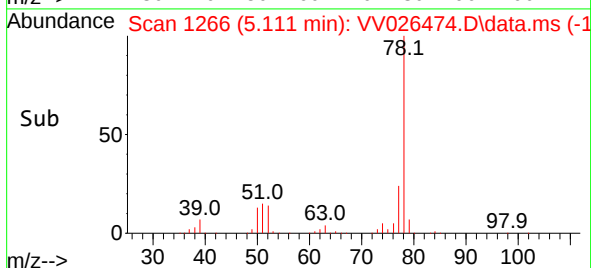
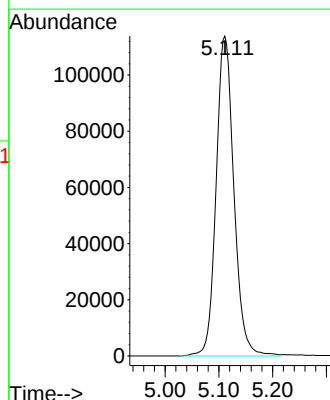
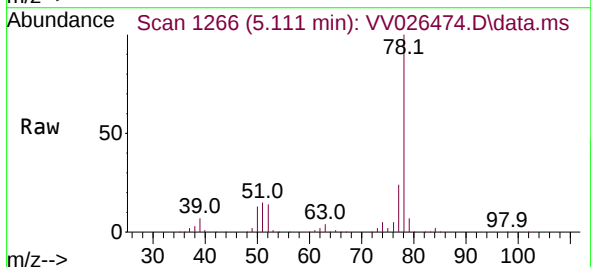
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

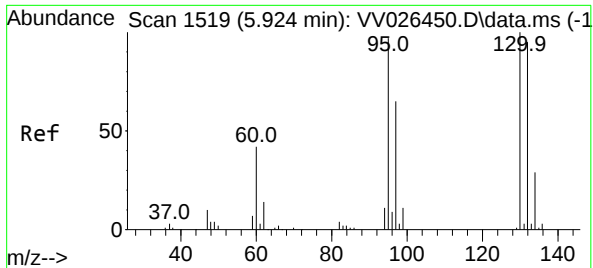
Tgt Ion:117 Resp: 87751
Ion Ratio Lower Upper
117 100
119 98.9 76.2 114.4



#33
Benzene
Concen: 5.907 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 78 Resp: 261341

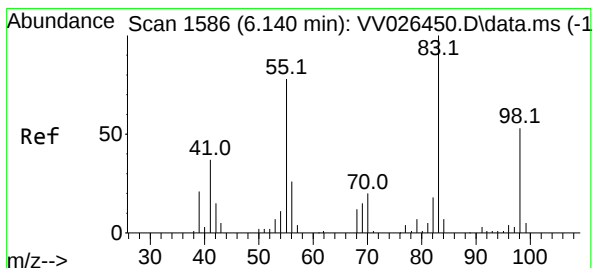
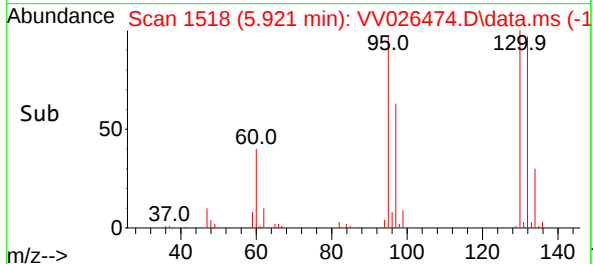
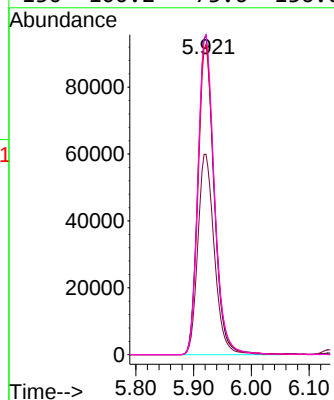
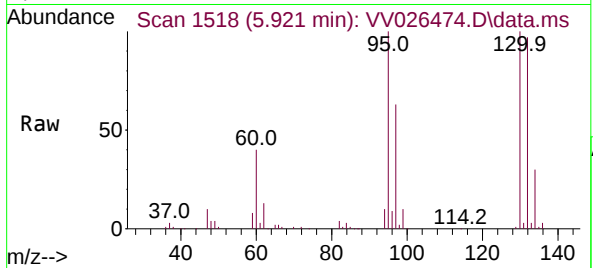




#34
Trichloroethene
Concen: 15.261 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

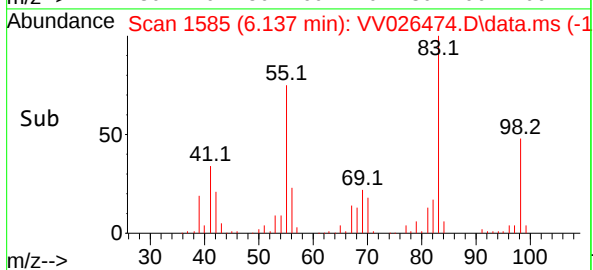
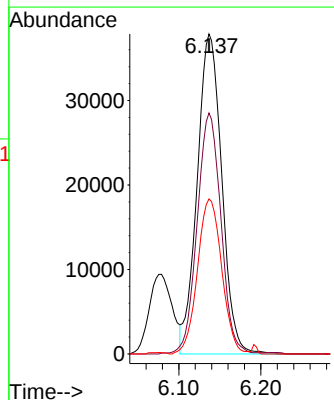
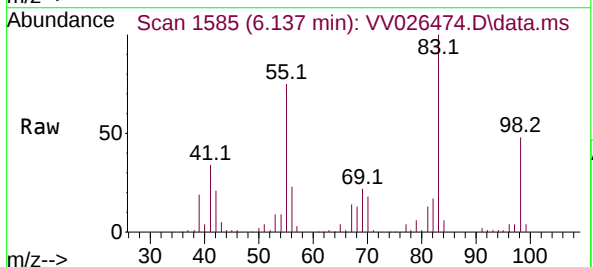
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

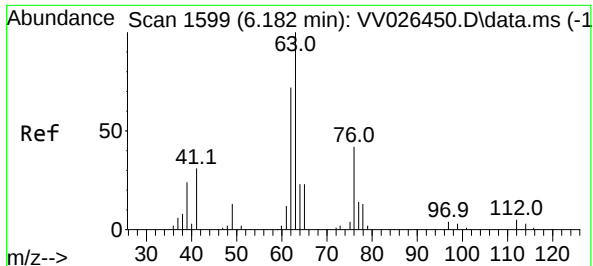
Tgt Ion: 95 Resp: 184343
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.3
132 97.2 68.8 127.8
130 100.2 73.6 136.6



#35
Methylcyclohexane
Concen: 4.723 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 83 Resp: 78911
Ion Ratio Lower Upper
83 100
55 72.8 59.3 88.9
98 47.6 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.550 ug/L

RT: 6.178 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

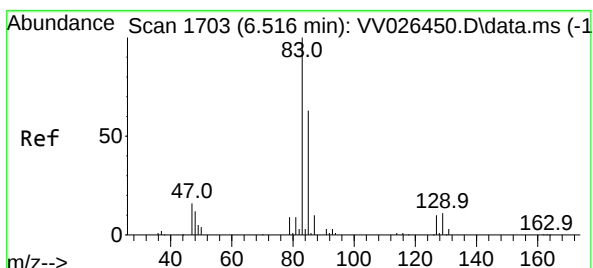
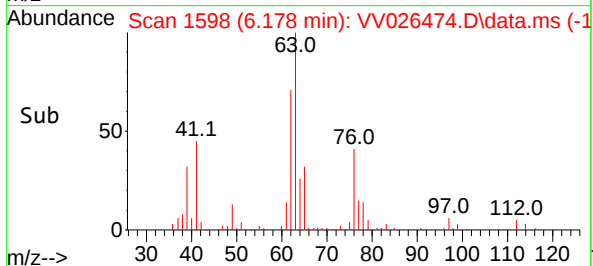
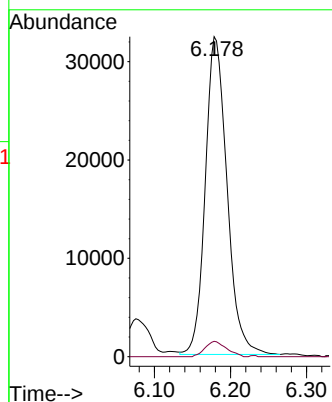
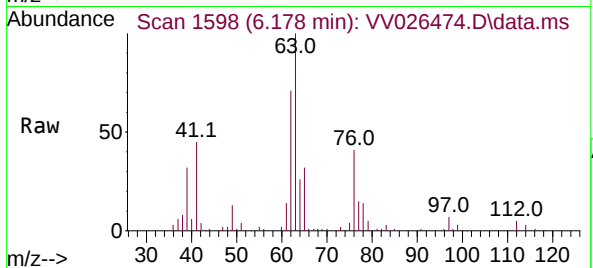
EY0C9MSD

Tgt Ion: 63 Resp: 64223

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9



#38

Bromodichloromethane

Concen: 5.667 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

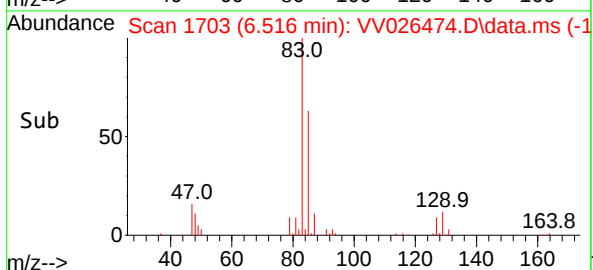
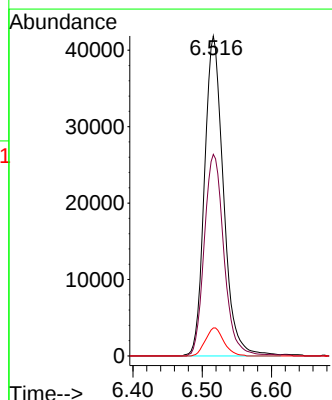
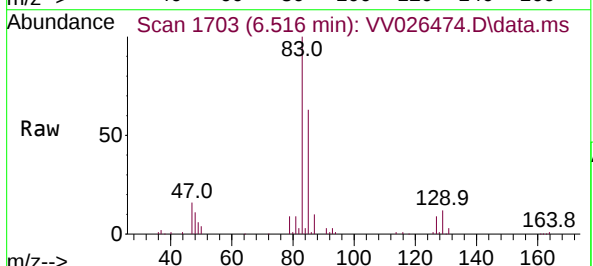
Tgt Ion: 83 Resp: 79541

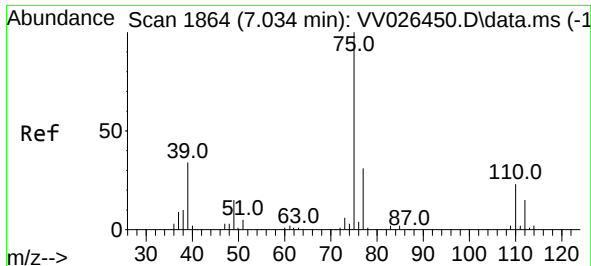
Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.6

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.211 ug/L

RT: 7.034 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

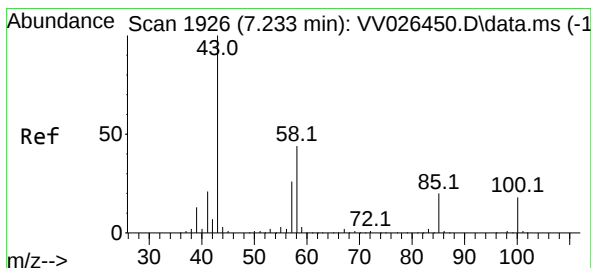
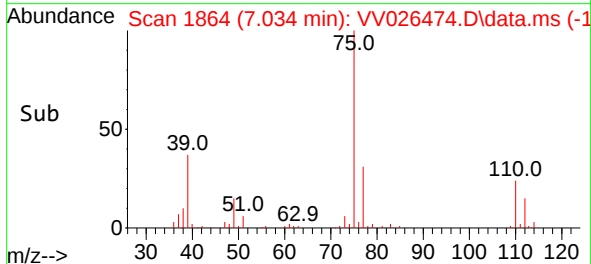
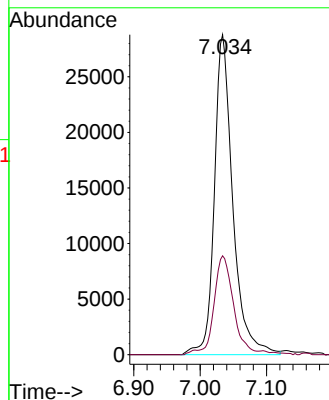
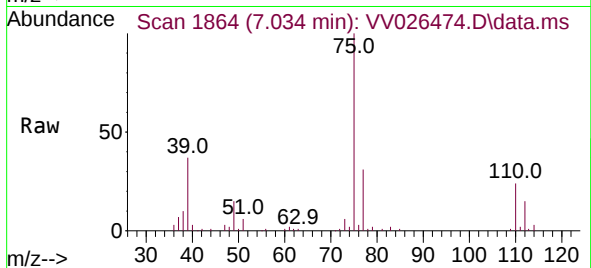
EY0C9MSD

Tgt Ion: 75 Resp: 55618

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 59.992 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

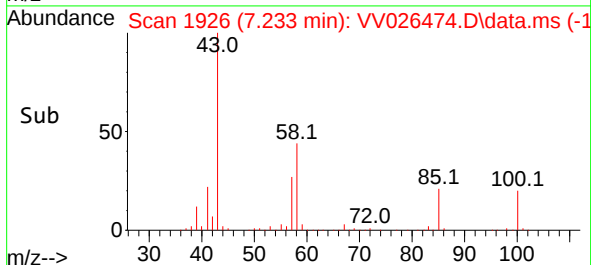
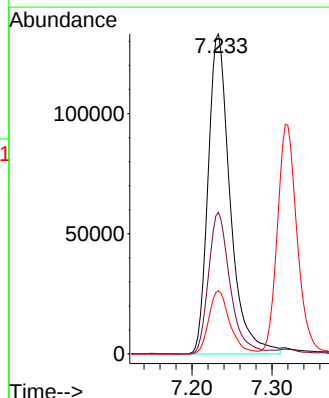
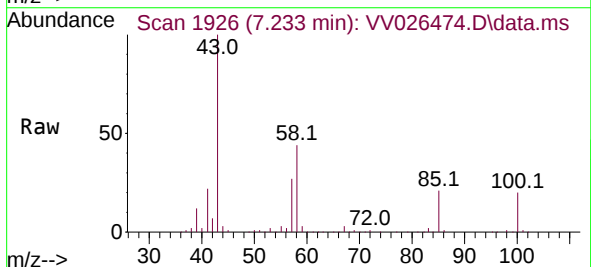
Tgt Ion: 43 Resp: 255264

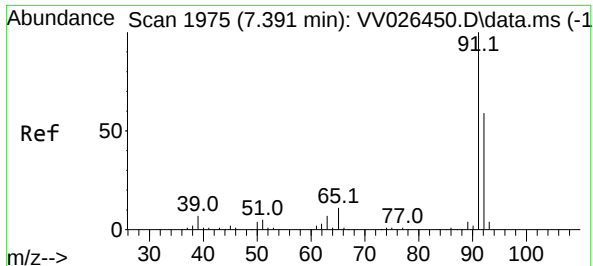
Ion Ratio Lower Upper

43 100

58 43.4 33.3 49.9

100 18.9 13.4 20.2





#42

Toluene

Concen: 6.092 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

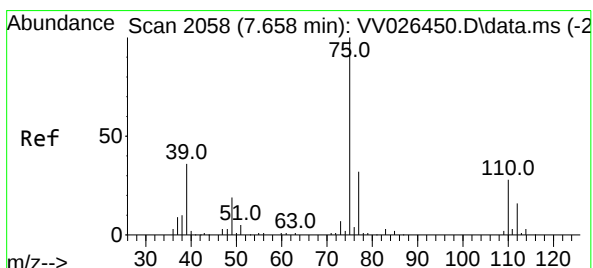
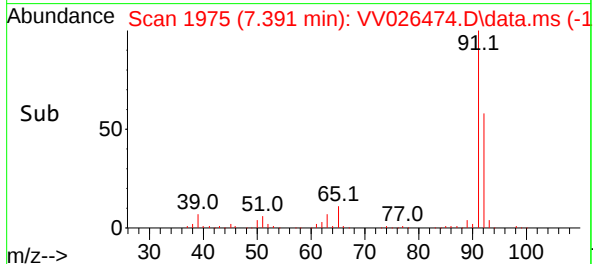
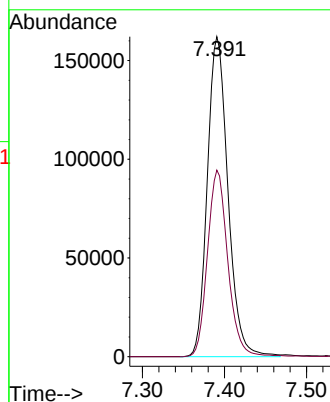
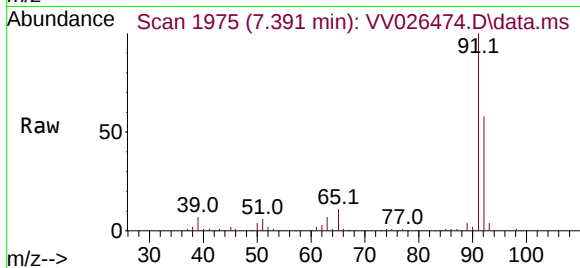
EY0C9MSD

Tgt Ion: 91 Resp: 283476

Ion Ratio Lower Upper

91 100

92 58.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.061 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VV026474.D

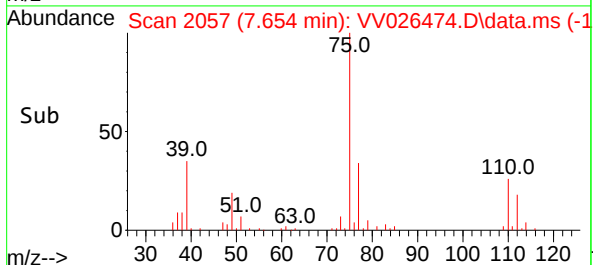
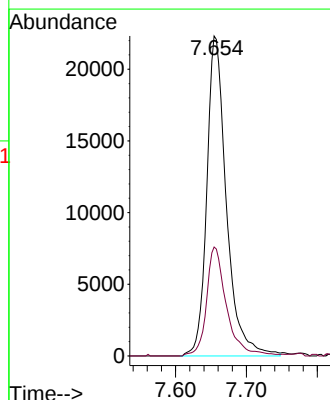
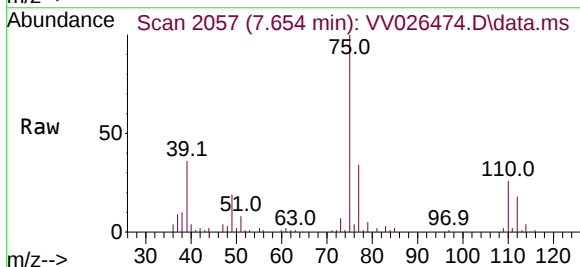
Acq: 21 Jun 2022 02:35

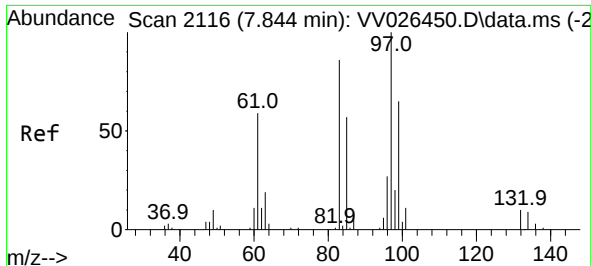
Tgt Ion: 75 Resp: 42834

Ion Ratio Lower Upper

75 100

77 34.0 23.7 43.9



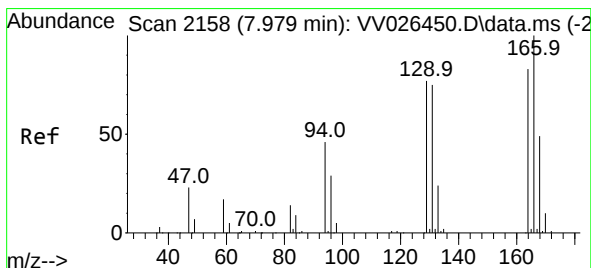
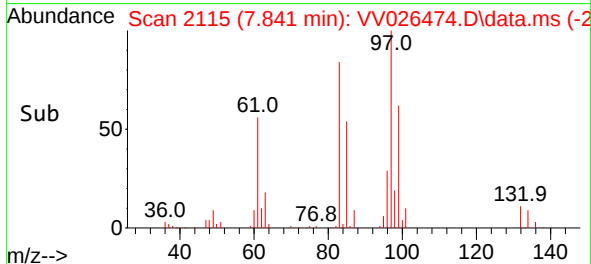
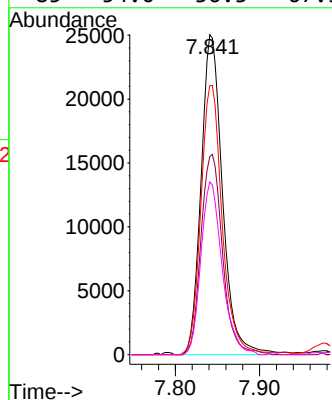
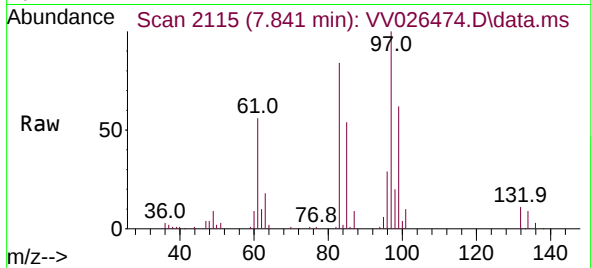


#45
1,1,2-Trichloroethane
Concen: 5.838 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

Tgt Ion: 97 Resp: 44346

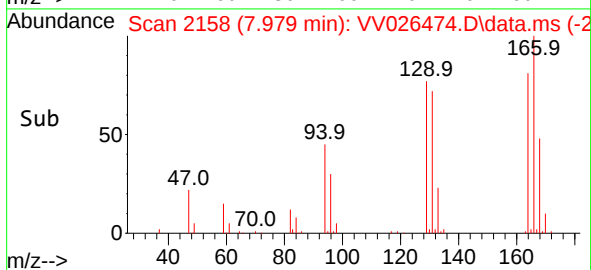
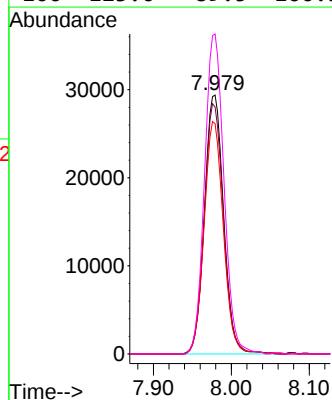
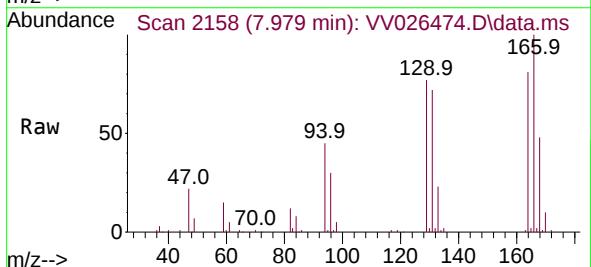
Ion	Ratio	Lower	Upper
97	100		
99	61.9	42.4	78.6
83	84.1	56.1	104.1
85	54.0	36.3	67.5

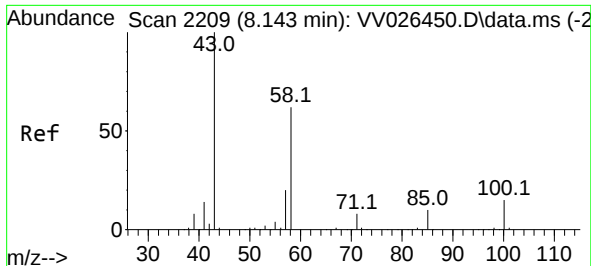


#47
Tetrachloroethene
Concen: 5.631 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 164 Resp: 50379

Ion	Ratio	Lower	Upper
164	100		
129	95.4	67.5	125.3
131	89.0	63.8	118.4
166	123.6	89.5	166.3



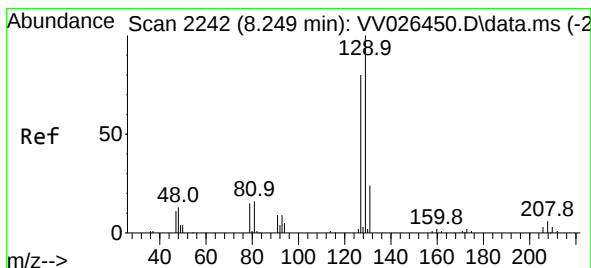
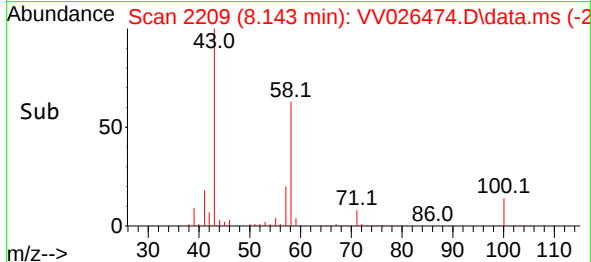
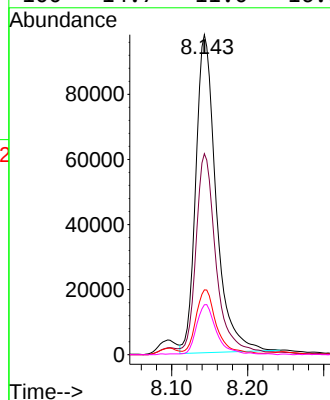
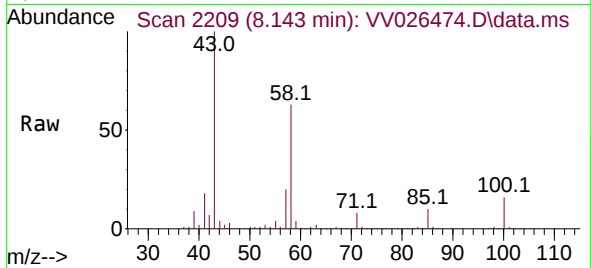


#48
2-Hexanone
Concen: 59.496 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

Tgt Ion: 43 Resp: 181373

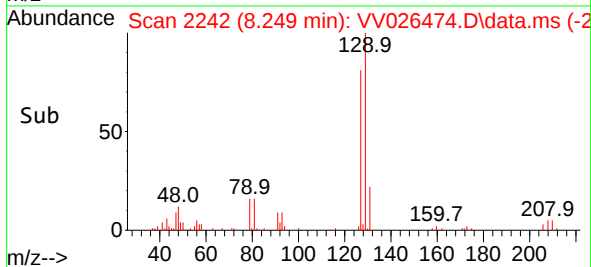
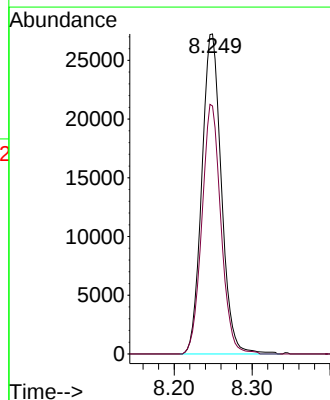
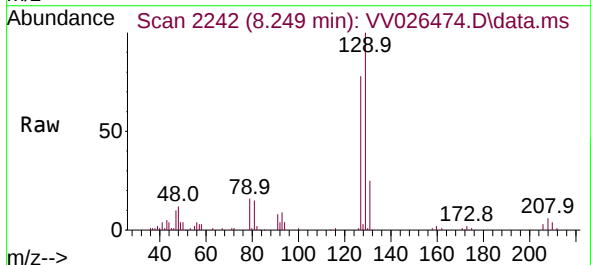
Ion	Ratio	Lower	Upper
43	100		
58	63.1	48.7	73.1
57	20.9	16.0	24.0
100	14.7	11.0	16.6

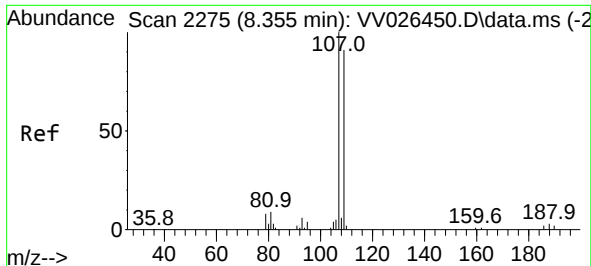


#49
Dibromochloromethane
Concen: 5.644 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 129 Resp: 47474

Ion	Ratio	Lower	Upper
129	100		
127	77.5	56.4	104.7





#50

1,2-Dibromoethane

Concen: 5.759 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EY0C9MSD

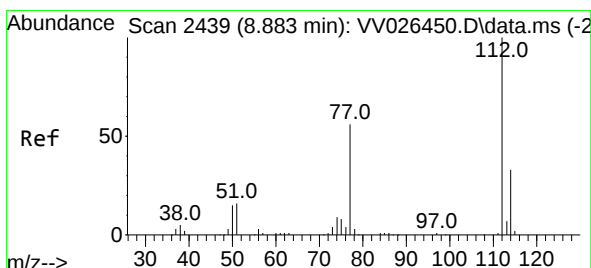
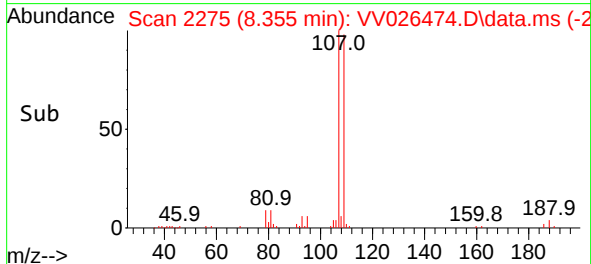
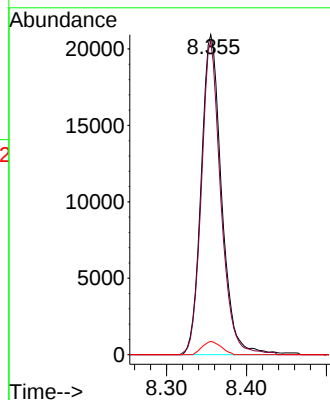
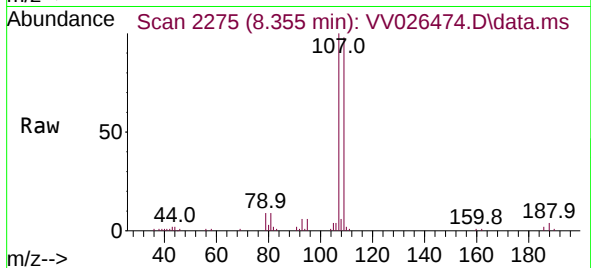
Tgt Ion:107 Resp: 37273

Ion Ratio Lower Upper

107 100

109 98.0 65.2 121.2

188 4.2 2.9 4.3



#51

Chlorobenzene

Concen: 5.670 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

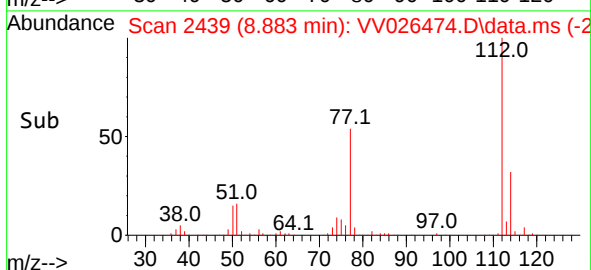
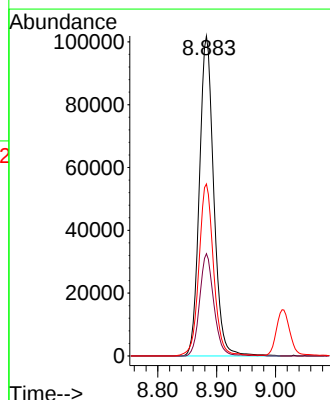
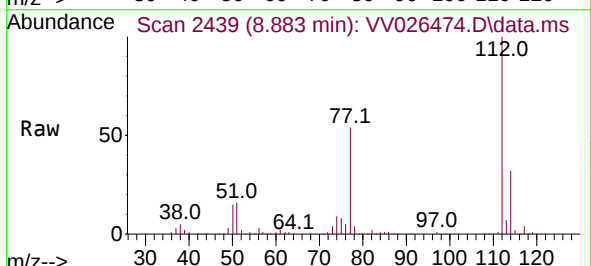
Tgt Ion:112 Resp: 172284

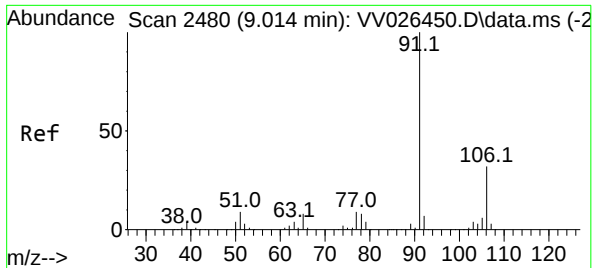
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 53.7 44.5 66.7

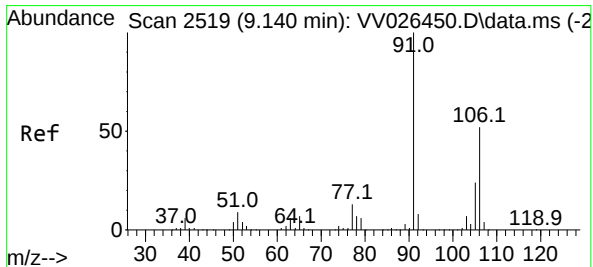
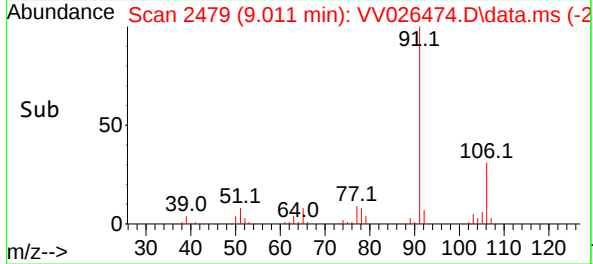
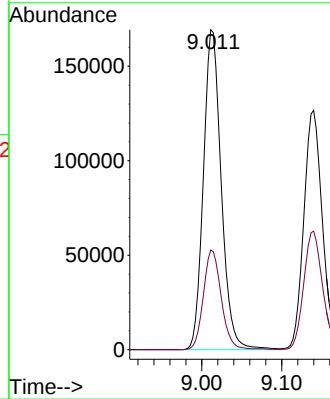
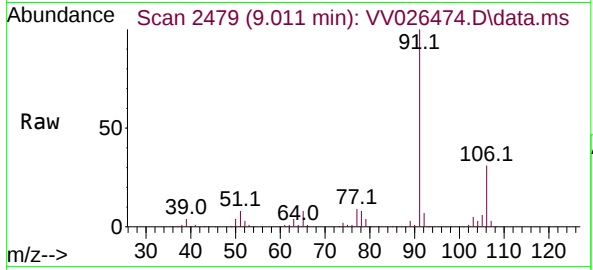




#52
Ethylbenzene
Concen: 5.650 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

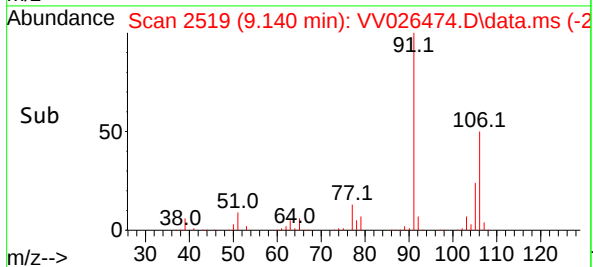
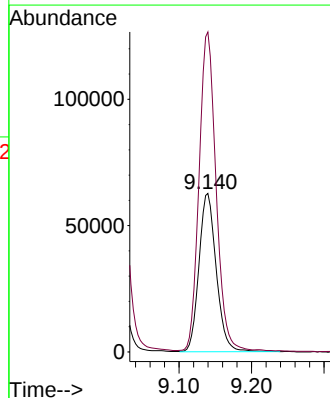
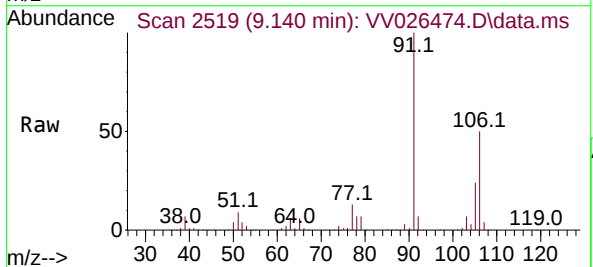
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

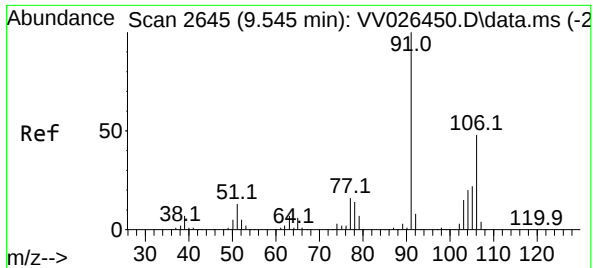
Tgt Ion: 91 Resp: 263553
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.690 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 106 Resp: 103469
Ion Ratio Lower Upper
106 100
91 201.8 141.3 262.3

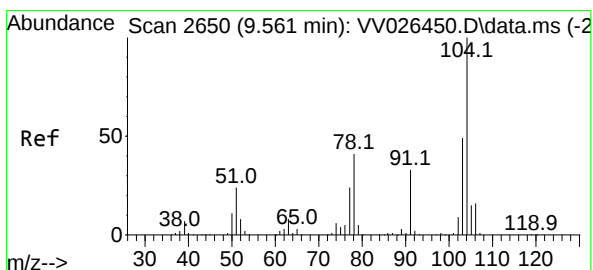
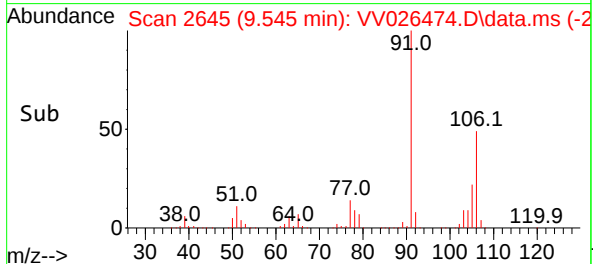
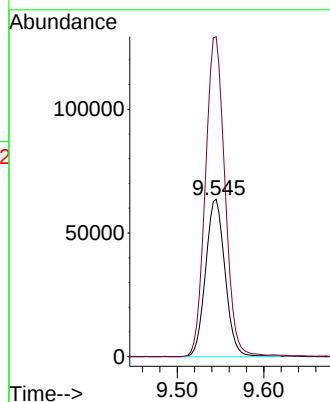
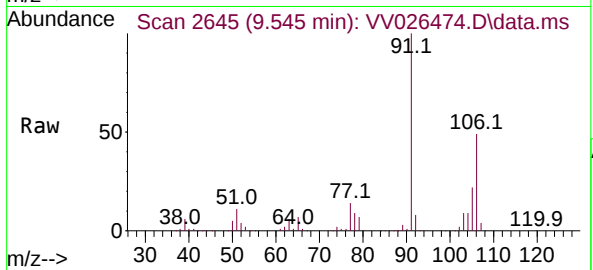




#54
o-Xylene
Concen: 5.632 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

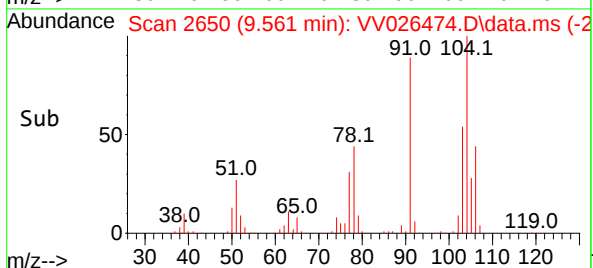
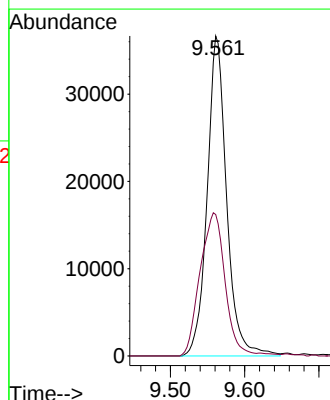
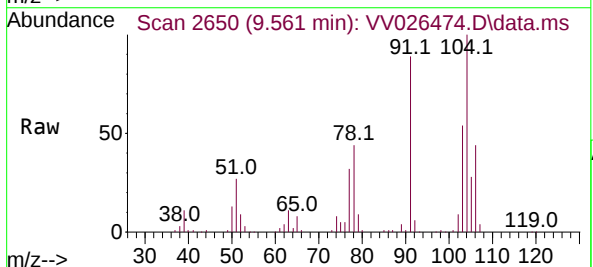
Instrument : MSVOA_V
ClientSampleId : EY0C9MSD

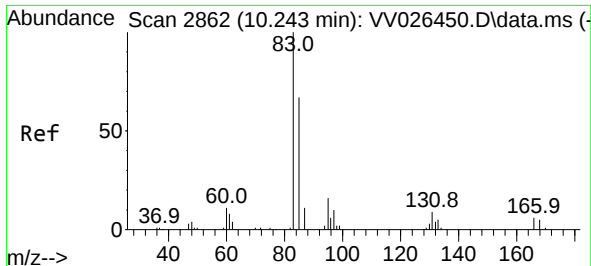
Tgt Ion:106 Resp: 99215
Ion Ratio Lower Upper
106 100
91 203.5 143.3 266.1



#55
Styrene
Concen: 2.256 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion:104 Resp: 66733
Ion Ratio Lower Upper
104 100
78 44.2 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.441 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EY0C9MSD

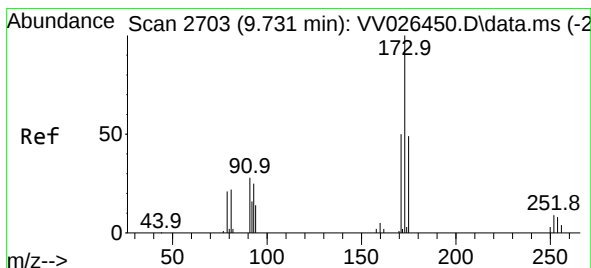
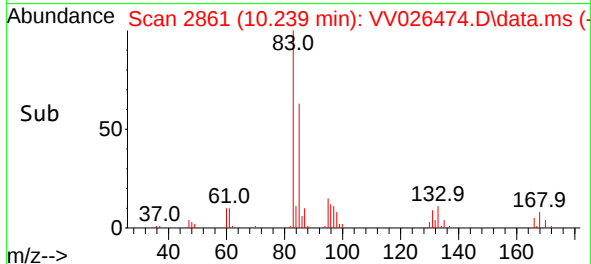
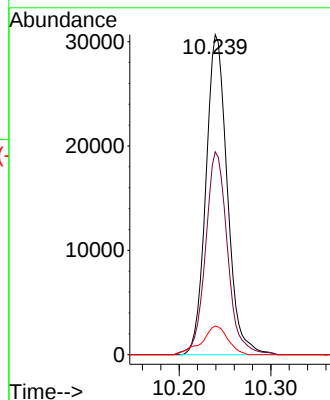
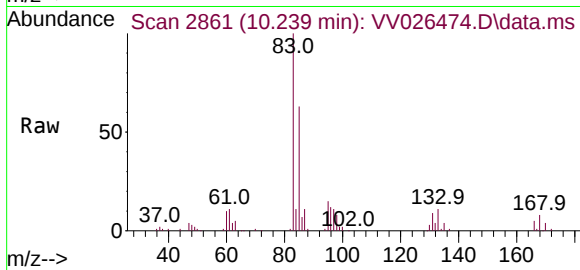
Tgt Ion: 83 Resp: 49625

Ion Ratio Lower Upper

83 100

85 63.4 47.1 87.5

131 8.9 7.7 11.5



#59

Bromoform

Concen: 5.519 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

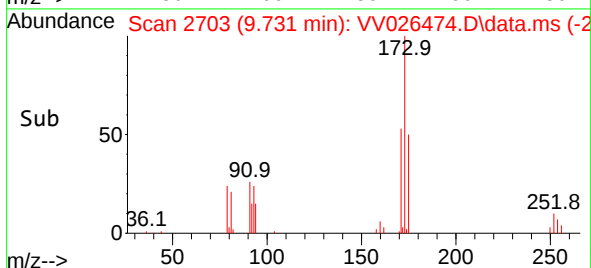
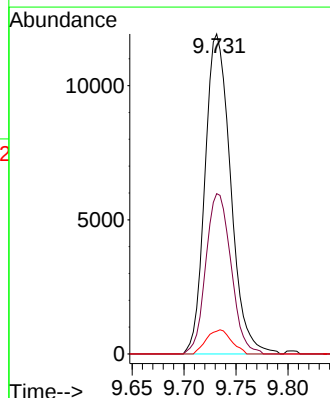
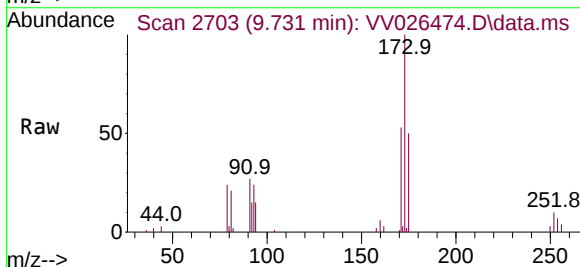
Tgt Ion: 173 Resp: 20404

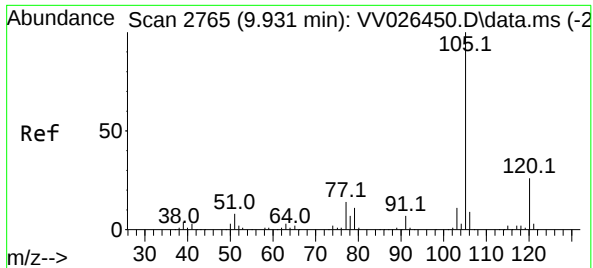
Ion Ratio Lower Upper

173 100

175 49.3 38.3 57.5

254 7.3 6.9 10.3

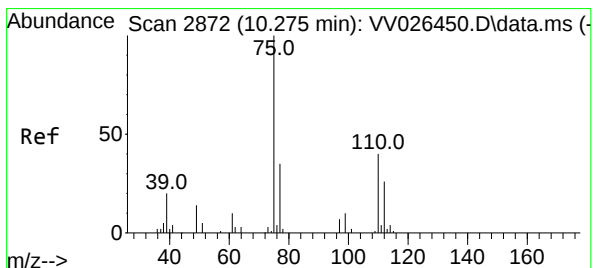
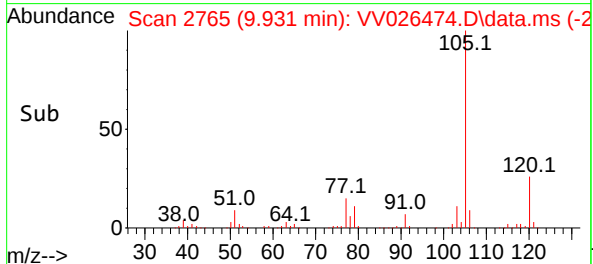
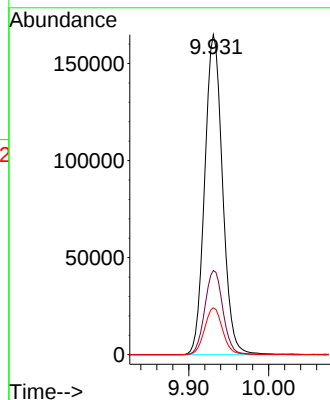
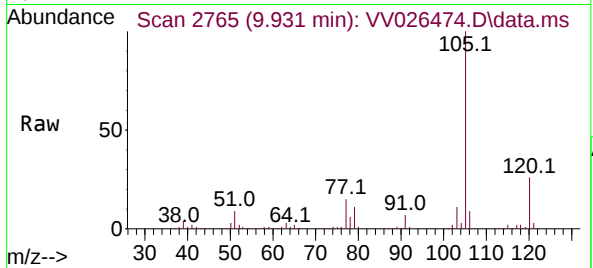




#60
Isopropylbenzene
Concen: 5.708 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

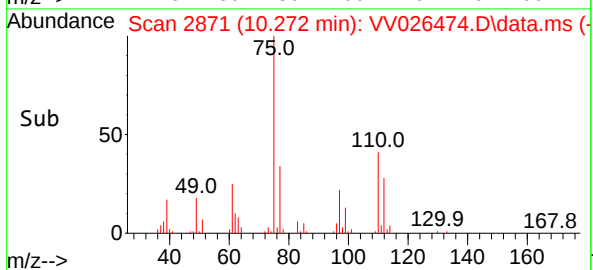
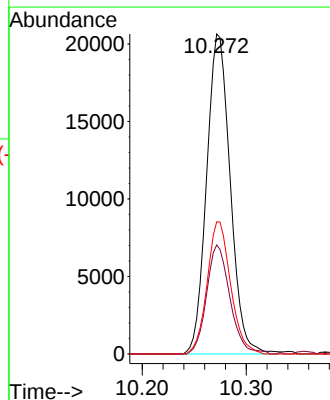
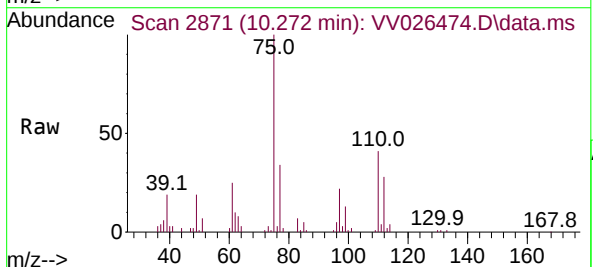
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

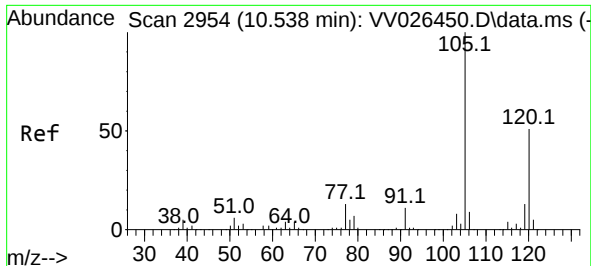
Tgt Ion:105 Resp: 256190
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.976 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 75 Resp: 32649
Ion Ratio Lower Upper
75 100
77 33.6 26.9 40.3
110 41.0 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 5.101 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

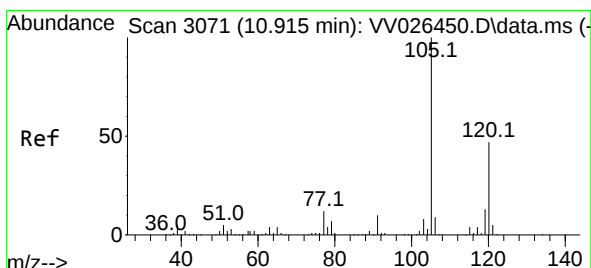
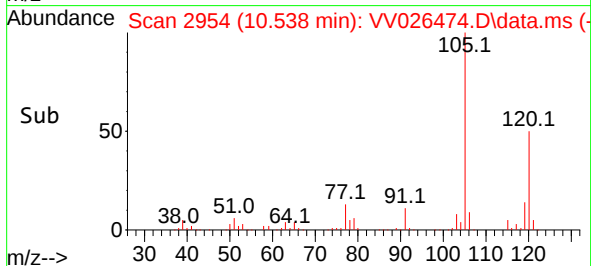
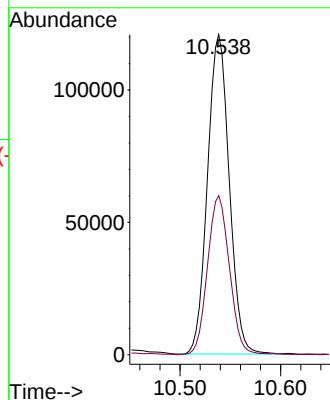
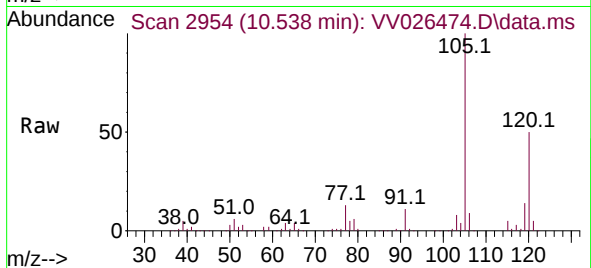
EY0C9MSD

Tgt Ion:105 Resp: 181664

Ion Ratio Lower Upper

105 100

120 50.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.204 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV026474.D

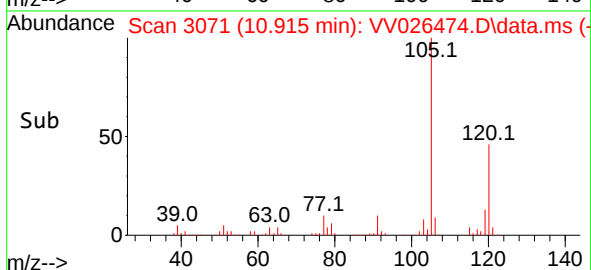
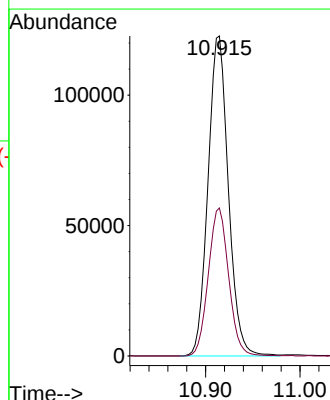
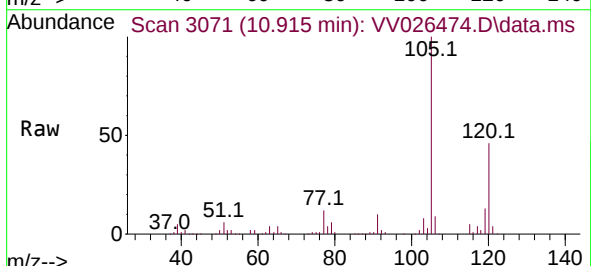
Acq: 21 Jun 2022 02:35

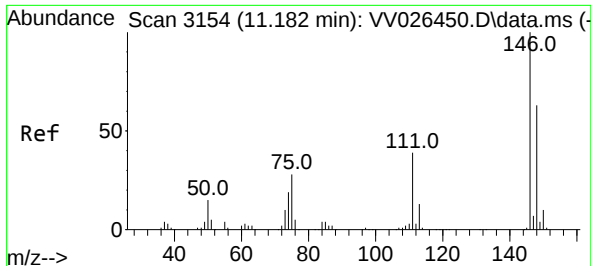
Tgt Ion:105 Resp: 183468

Ion Ratio Lower Upper

105 100

120 46.3 36.9 55.3

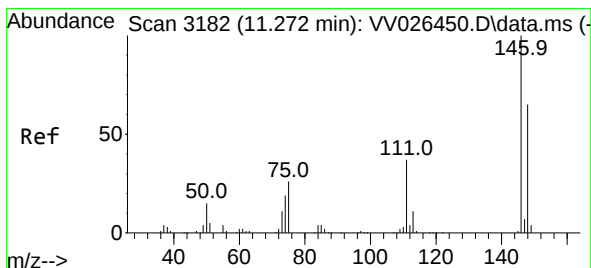
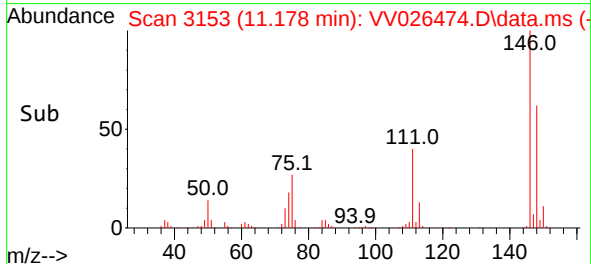
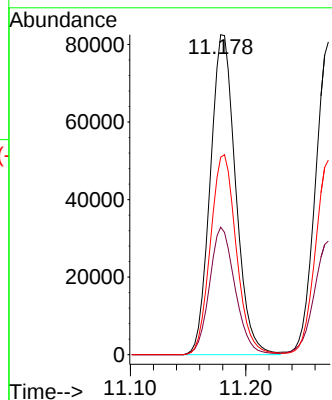
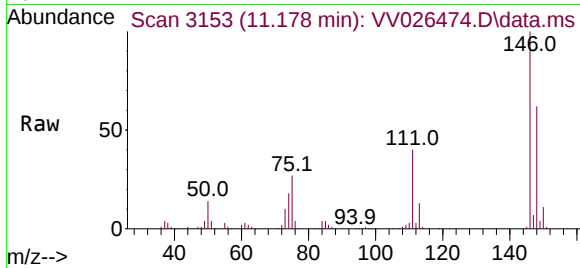




#64
 1,3-Dichlorobenzene
 Concen: 5.719 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.003 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

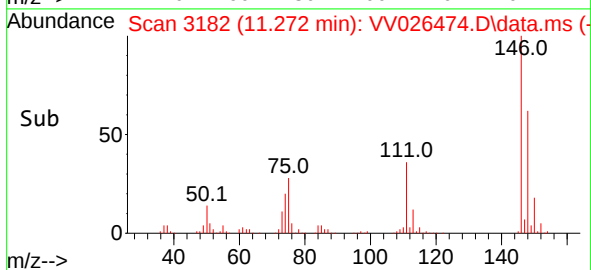
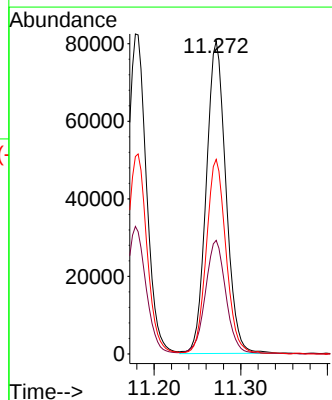
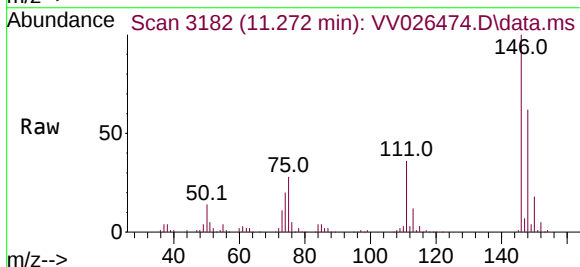
Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C9MSD

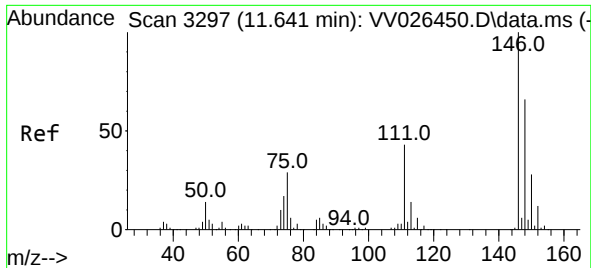
Tgt Ion:146 Resp: 126137
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.8 51.6
 148 61.7 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 5.668 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026474.D
 Acq: 21 Jun 2022 02:35

Tgt Ion:146 Resp: 127048
 Ion Ratio Lower Upper
 146 100
 111 36.3 26.7 49.7
 148 62.2 43.3 80.3

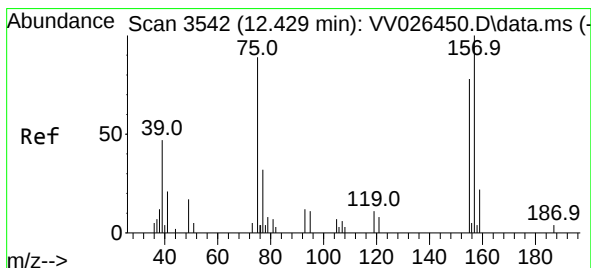
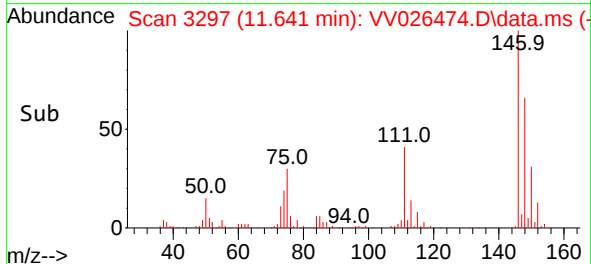
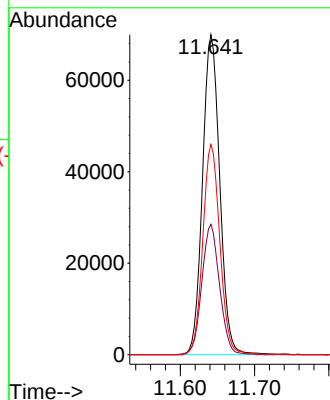
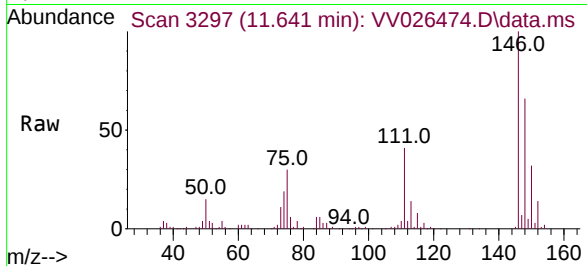




#67
1,2-Dichlorobenzene
Concen: 5.778 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

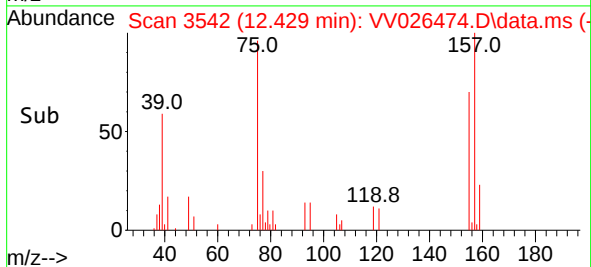
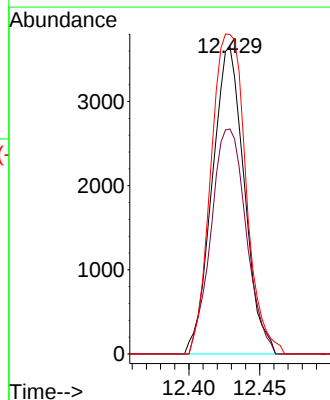
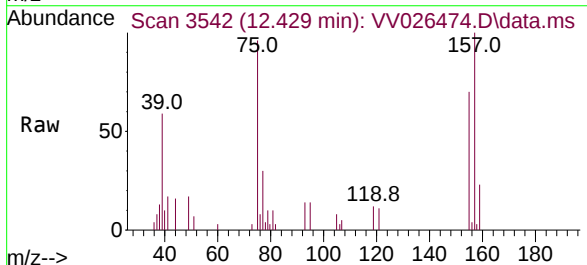
Instrument :
MSVOA_V
ClientSampleId :
EY0C9MSD

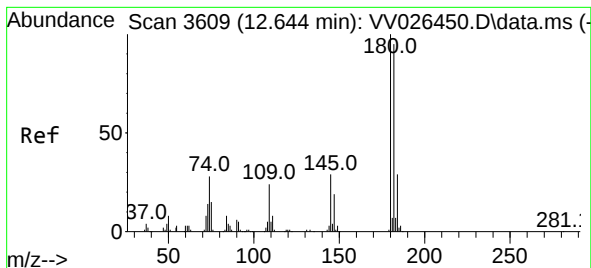
Tgt Ion:146 Resp: 112864
Ion Ratio Lower Upper
146 100
111 40.8 33.8 50.8
148 65.7 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.957 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV026474.D
Acq: 21 Jun 2022 02:35

Tgt Ion: 75 Resp: 5765
Ion Ratio Lower Upper
75 100
155 73.2 63.7 95.5
157 103.9 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.924 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EY0C9MSD

Tgt Ion:180 Resp: 78517

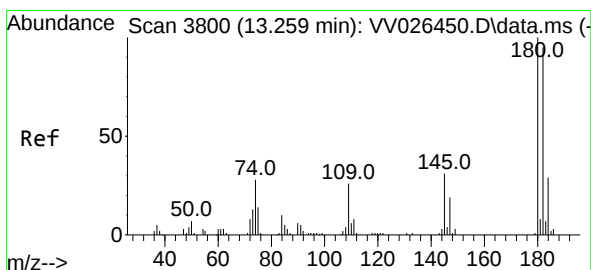
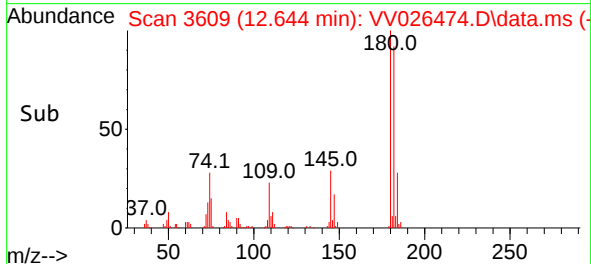
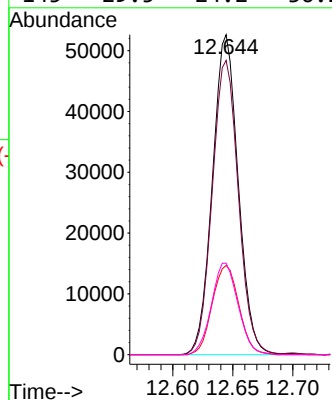
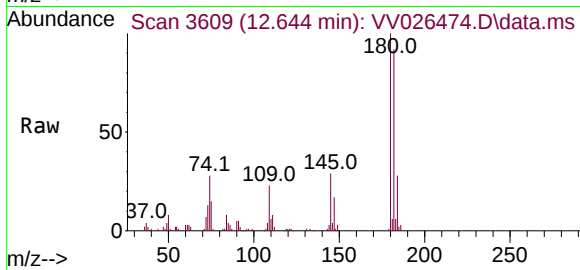
Ion Ratio Lower Upper

180 100

182 93.4 75.5 113.3

184 28.8 23.7 35.5

145 29.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.879 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

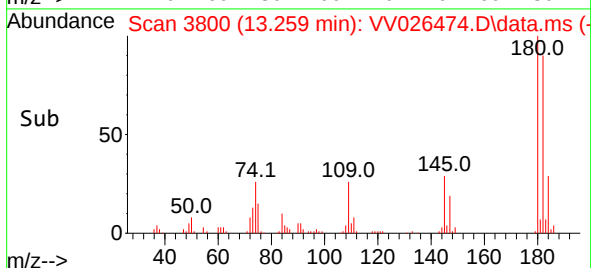
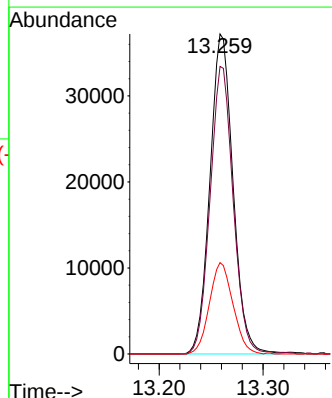
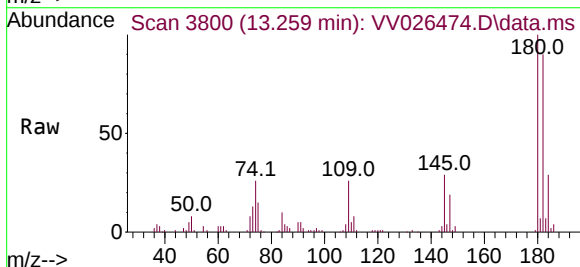
Tgt Ion:180 Resp: 57385

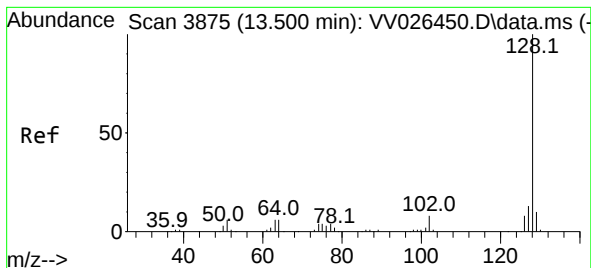
Ion Ratio Lower Upper

180 100

182 90.0 76.2 114.2

145 29.1 23.9 35.9





#71

Naphthalene

Concen: 4.927 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Instrument :

MSVOA_V

ClientSampleId :

EY0C9MSD

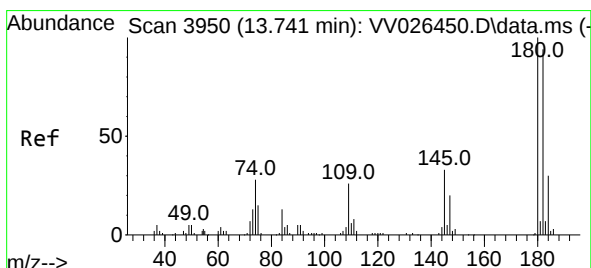
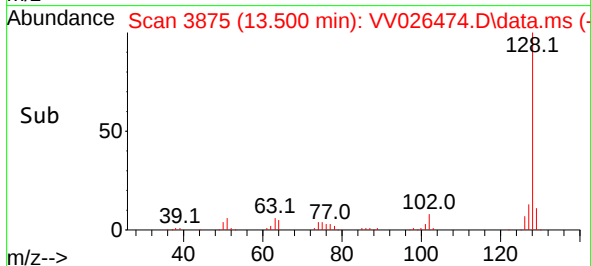
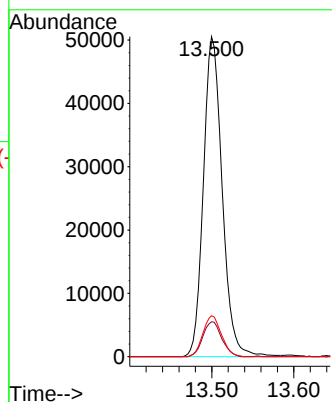
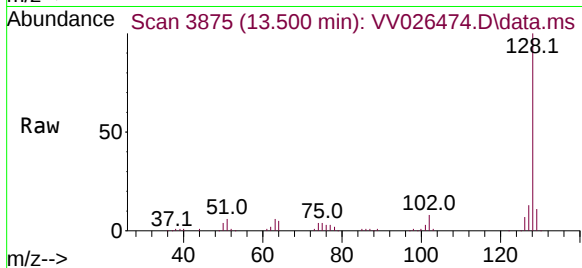
Tgt Ion:128 Resp: 80464

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.6 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.861 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026474.D

Acq: 21 Jun 2022 02:35

Tgt Ion:180 Resp: 47871

Ion Ratio Lower Upper

180 100

182 94.9 77.9 116.9

145 33.0 26.7 40.1

