

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
 Data File : VV032974.D
 Acq On : 16 Nov 2023 20:34
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183445	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	185200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	105312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	315219	20.187	ug/L	0.00
7) Chloroethane-d5	1.529	69	379858	25.376	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	132479	19.243	ug/L	0.00
20) 2-Butanone-d5	3.786	46	473824	227.867	ug/L	-0.01
24) Chloroform-d	4.246	84	562762	20.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	246191	20.772	ug/L	0.00
32) Benzene-d6	4.960	84	1061122	21.794	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	294464	21.305	ug/L	0.00
41) Toluene-d8	7.243	98	1020185	22.272	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	122407	22.719	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	468585	260.868	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	213500	20.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	368756	20.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	380726	18.980	ug/L	99
3) Chloromethane	1.214	50	396807	19.887	ug/L	98
5) Vinyl chloride	1.282	62	381929	20.160	ug/L	100
6) Bromomethane	1.487	94	299309	22.163	ug/L	97
8) Chloroethane	1.545	64	374577	26.348	ug/L	100
9) Trichlorofluoromethane	1.709	101	570307	19.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	312824	18.766	ug/L	100
12) 1,1-Dichloroethene	2.066	96	305662	19.744	ug/L	97
13) Acetone	2.124	43	358912	185.762	ug/L	99
14) Carbon disulfide	2.240	76	895617	20.018	ug/L	99
15) Methyl Acetate	2.375	43	87718	20.464	ug/L	92
16) Methylene chloride	2.446	84	304786	16.623	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	604005	23.372	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	306191	20.798	ug/L	99
19) 1,1-Dichloroethane	3.111	63	534537	20.500	ug/L	98
21) 2-Butanone	3.867	43	517525	222.926	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	339333	22.536	ug/L	97
23) Bromochloromethane	4.146	128	146119	21.151	ug/L	97
25) Chloroform	4.275	83	593356	20.623	ug/L	96
27) 1,2-Dichloroethane	5.040	62	330928	21.622	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	519425	20.312	ug/L	99
30) Cyclohexane	4.581	56	388656	21.795	ug/L	100
31) Carbon tetrachloride	4.735	117	452203	20.421	ug/L	100
33) Benzene	5.008	78	1224898	22.408	ug/L	100
34) Trichloroethene	5.831	95	318876	21.198	ug/L	97
35) Methylcyclohexane	6.050	83	447418	22.451	ug/L	98
37) 1,2-Dichloropropane	6.092	63	292761	21.542	ug/L	100
38) Bromodichloromethane	6.433	83	404966	21.596	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	457407	24.538	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1342479	250.345	ug/L	97
42) Toluene	7.317	91	1335991	22.469	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	371574	24.787	ug/L	97

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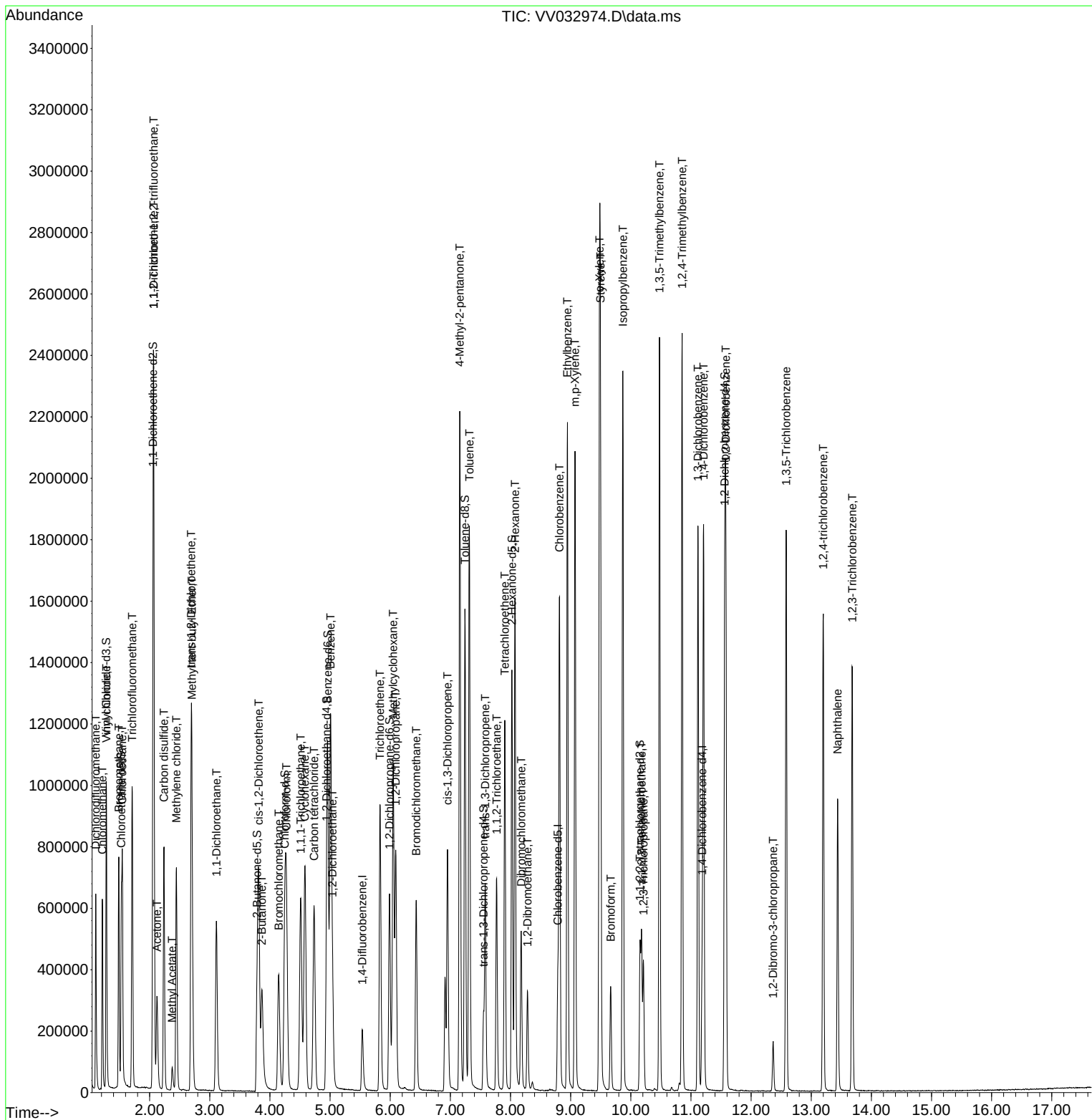
Quant Time: Nov 17 00:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
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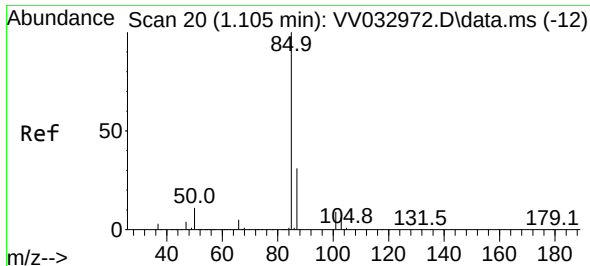
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	210576	21.524	ug/L	97
47) Tetrachloroethene	7.905	164	259366	20.474	ug/L	98
48) 2-Hexanone	8.076	43	941769	239.136	ug/L	98
49) Dibromochloromethane	8.178	129	261695	22.309	ug/L	95
50) 1,2-Dibromoethane	8.281	107	203571	21.759	ug/L	97
51) Chlorobenzene	8.815	112	858561	21.504	ug/L	98
52) Ethylbenzene	8.947	91	1460799	23.641	ug/L	98
53) m,p-Xylene	9.072	106	567280	23.747	ug/L	96
54) o-Xylene	9.481	106	562371	24.638	ug/L	95
55) Styrene	9.497	104	977585	24.903	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	231530	21.220	ug/L	97
59) Bromoform	9.667	173	145344	21.875	ug/L	99
60) Isopropylbenzene	9.870	105	1471041	22.548	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	154224	20.052	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	1226889	23.995	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	1247995	24.217	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	719518	20.769	ug/L	99
65) 1,4-Dichlorobenzene	11.211	146	719753	20.350	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	642916	20.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	34780	18.866	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	538352	20.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	451521	21.646	ug/L	98
71) Naphthalene	13.439	128	725489	24.986	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	399528	21.995	ug/L	99

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

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QLast Update : Fri Nov 17 00:29:50 2023
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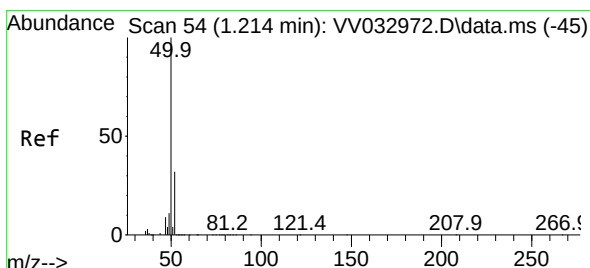
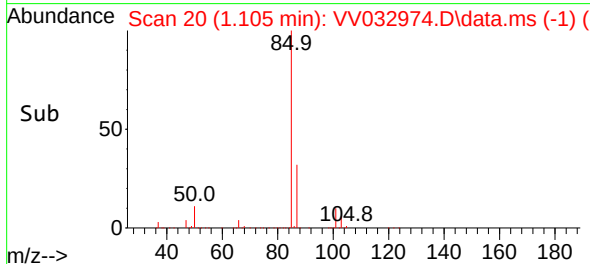
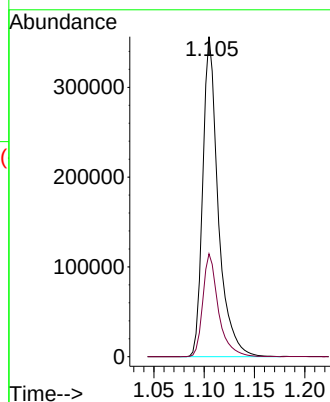
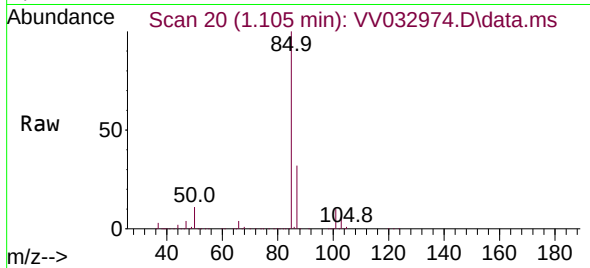




#2
 Dichlorodifluoromethane
 Concen: 18.980 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

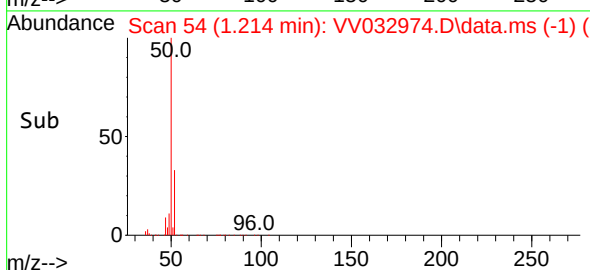
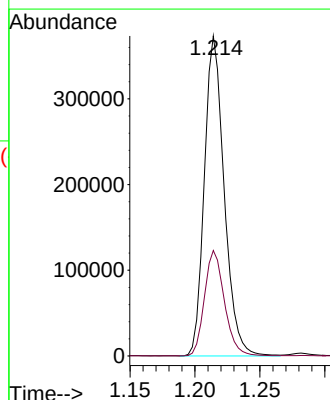
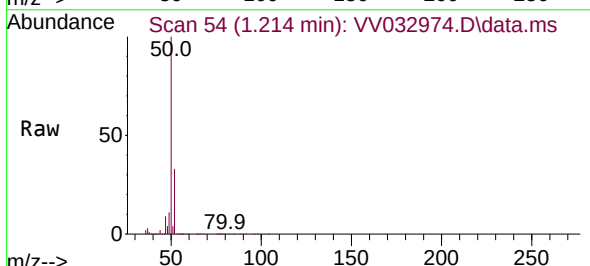
Instrument :
 MSVOA_V
 ClientSampleId :

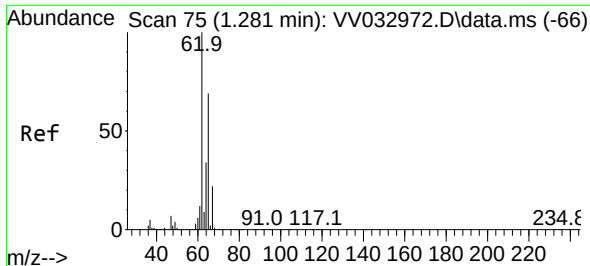
Tgt Ion: 85 Resp: 380726
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.2



#3
 Chloromethane
 Concen: 19.887 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

Tgt Ion: 50 Resp: 396807
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.3



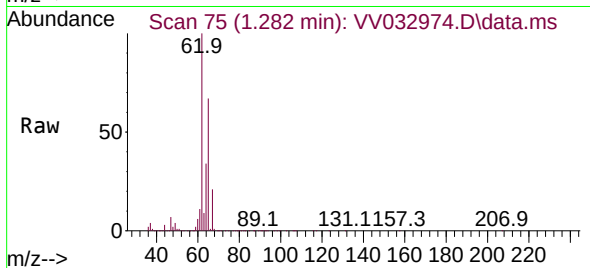


#5
 Vinyl chloride
 Concen: 20.160 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

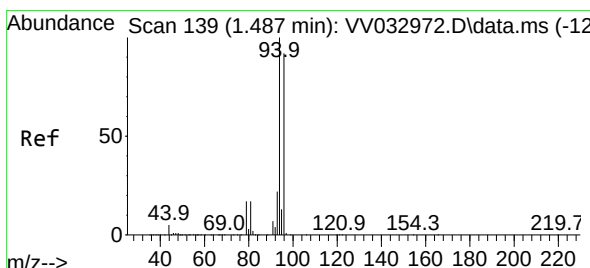
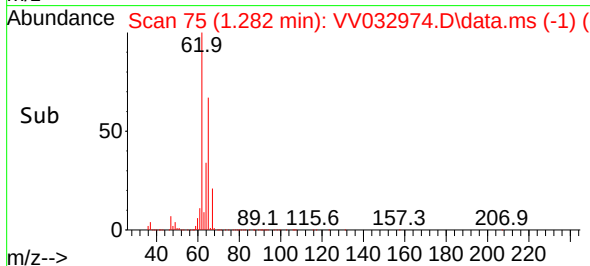
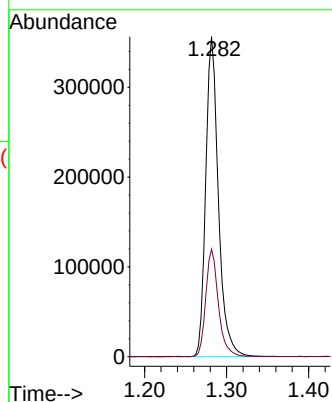
Instrument :

MSVOA_V

ClientSampleId :

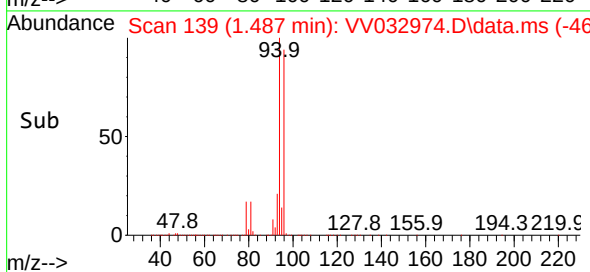
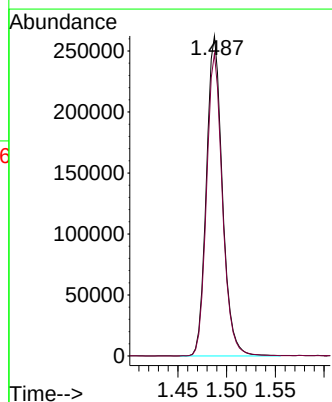
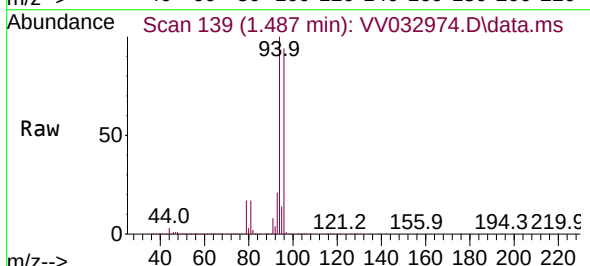


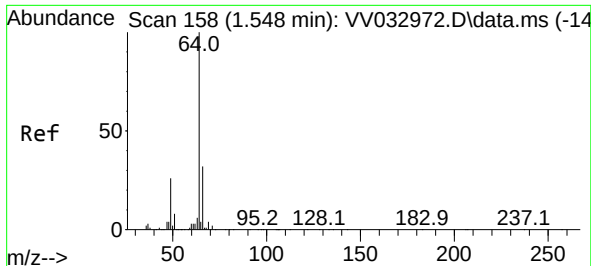
Tgt Ion: 62 Resp: 381929
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 43.9



#6
 Bromomethane
 Concen: 22.163 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

Tgt Ion: 94 Resp: 299309
 Ion Ratio Lower Upper
 94 100
 96 94.5 64.3 119.3

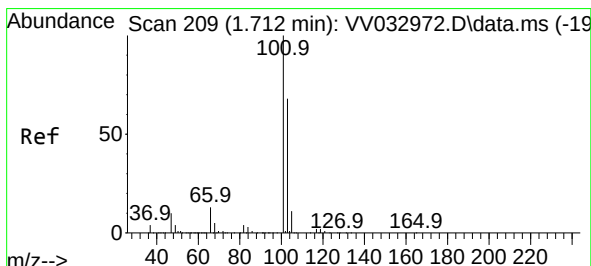
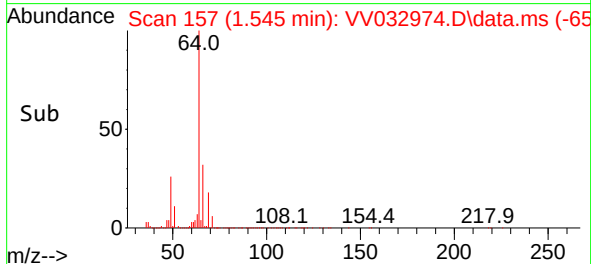
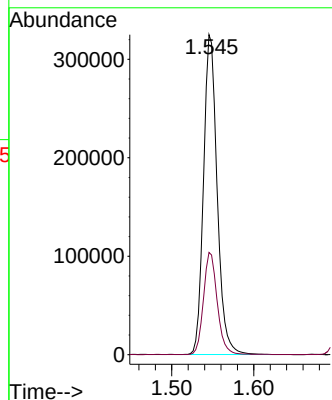
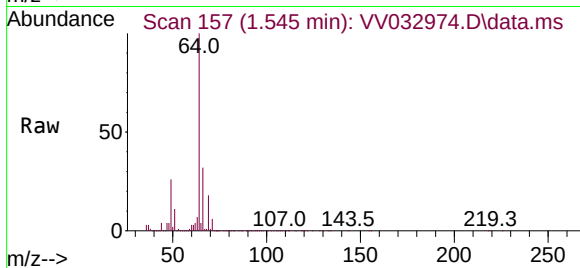




#8
Chloroethane
Concen: 26.348 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

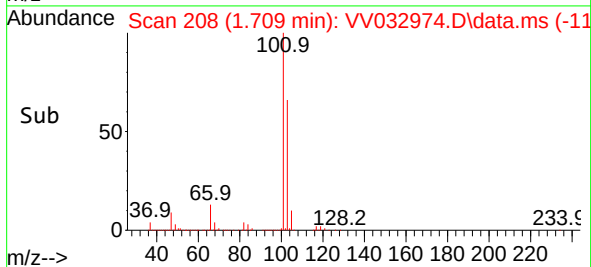
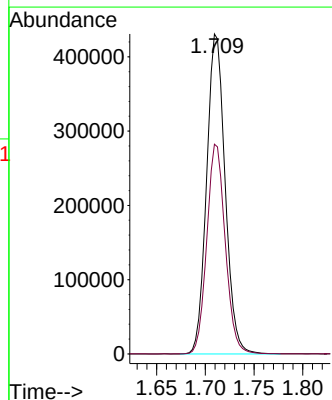
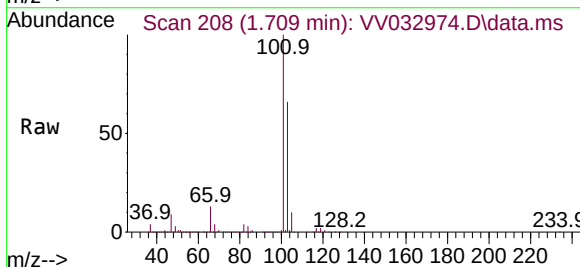
Instrument :
MSVOA_V
ClientSampleId :

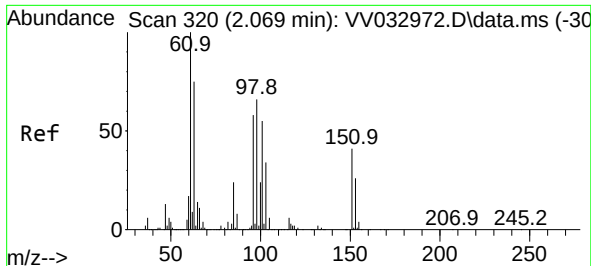
Tgt Ion: 64 Resp: 374577
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 19.400 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion:101 Resp: 570307
Ion Ratio Lower Upper
101 100
103 65.4 53.0 79.4





#10

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

Concen: 18.766 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

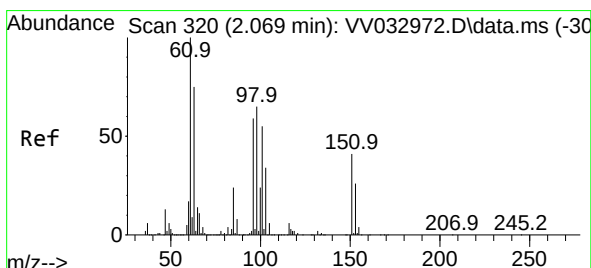
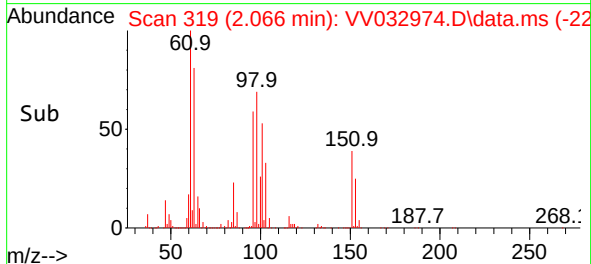
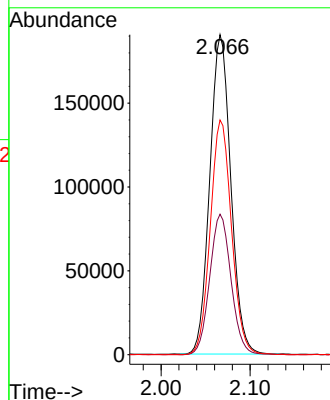
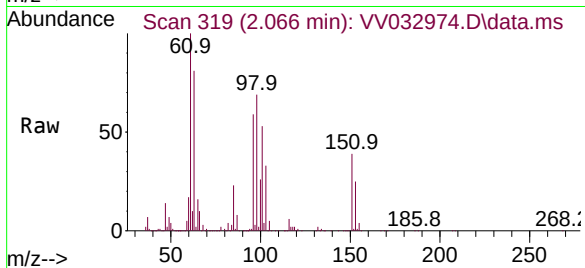
Tgt Ion:101 Resp: 312824

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

151 74.2 59.5 89.3



#12

1,1-Dichloroethene

Concen: 19.744 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

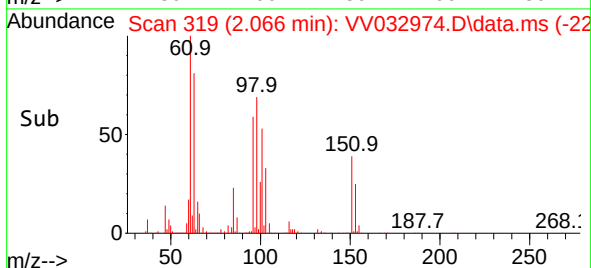
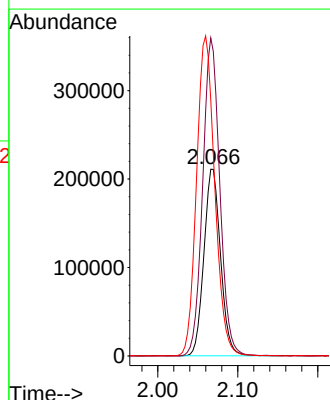
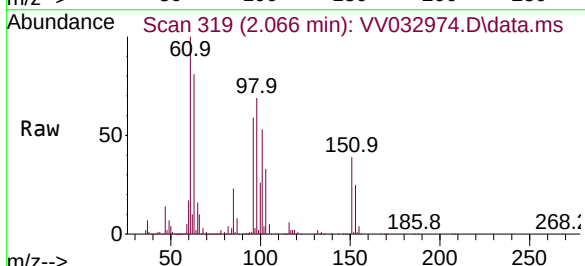
Tgt Ion: 96 Resp: 305662

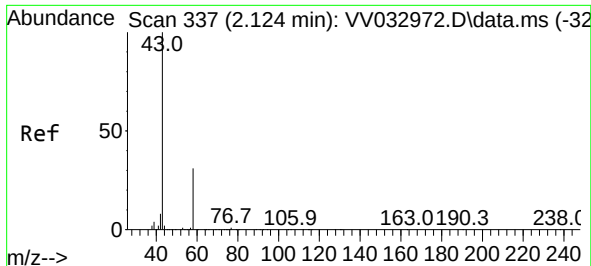
Ion Ratio Lower Upper

96 100

61 170.3 119.8 222.6

63 137.3 90.5 168.1





#13

Acetone

Concen: 185.762 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

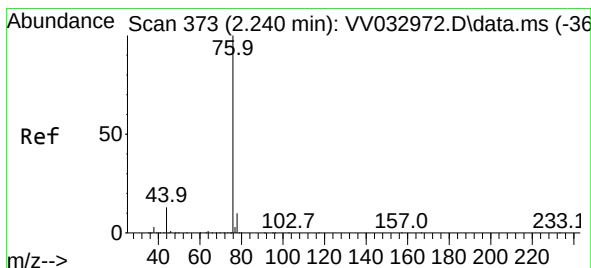
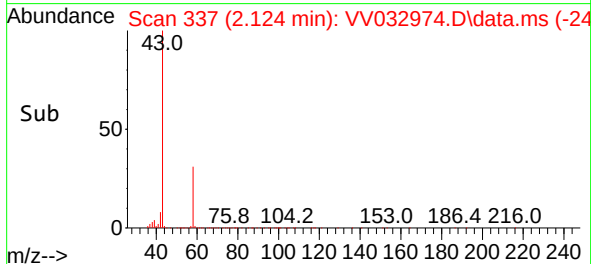
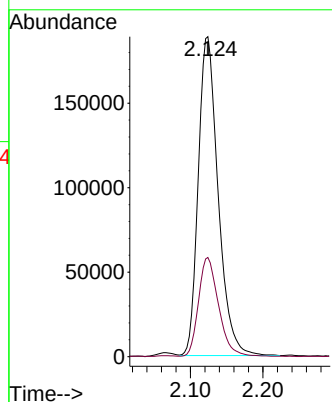
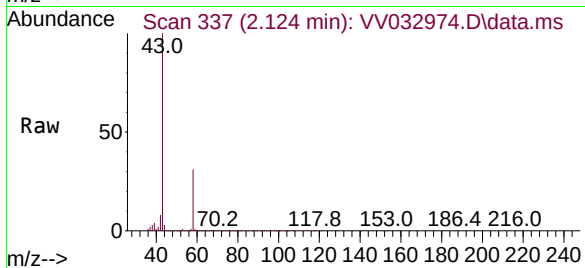
ClientSampleId :

Tgt Ion: 43 Resp: 358912

Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.6



#14

Carbon disulfide

Concen: 20.018 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032974.D

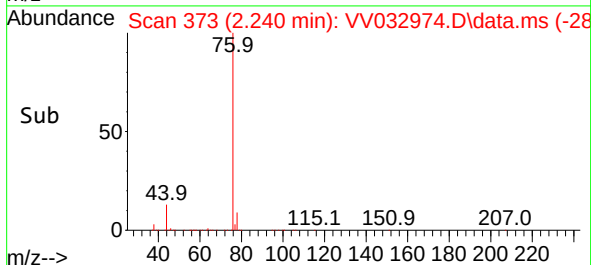
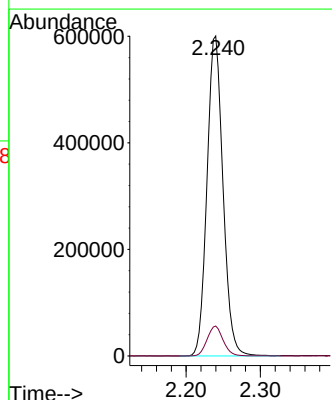
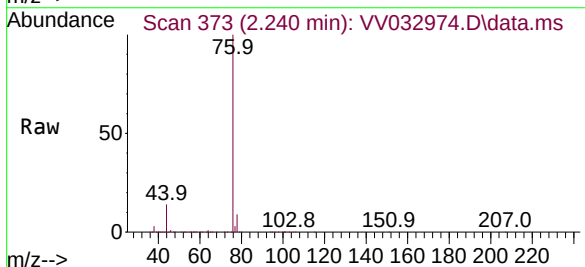
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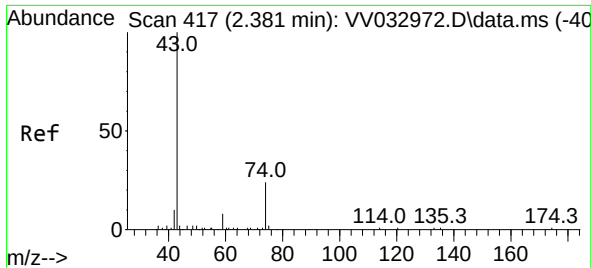
Tgt Ion: 76 Resp: 895617

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

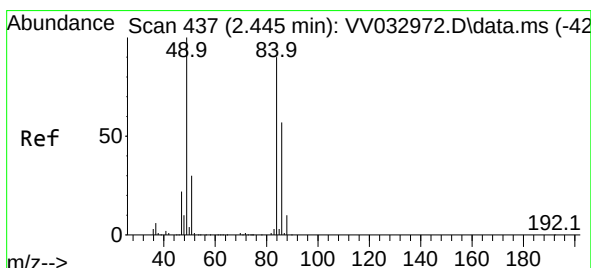
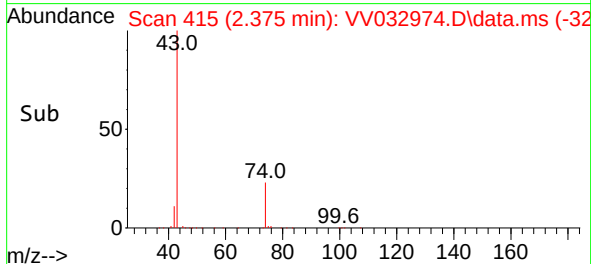
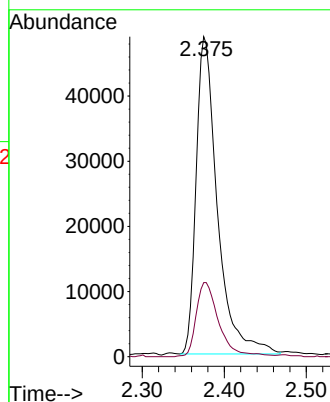
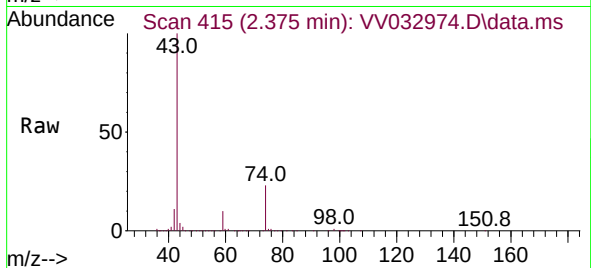




#15
Methyl Acetate
Concen: 20.464 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.006 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

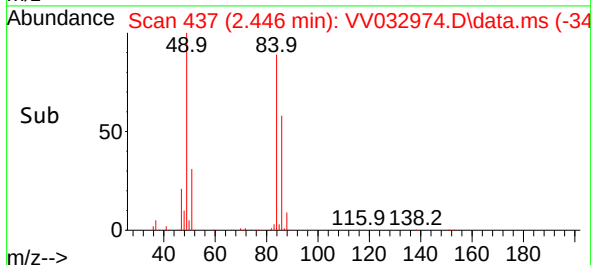
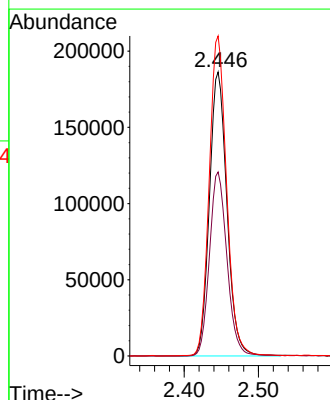
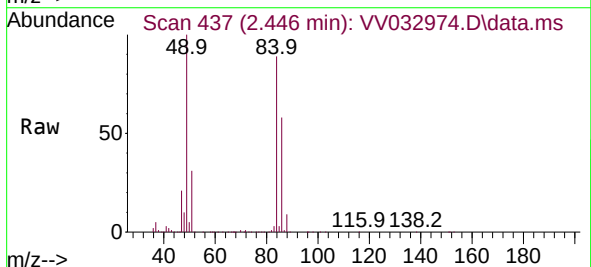
Instrument :
MSVOA_V
ClientSampleId :

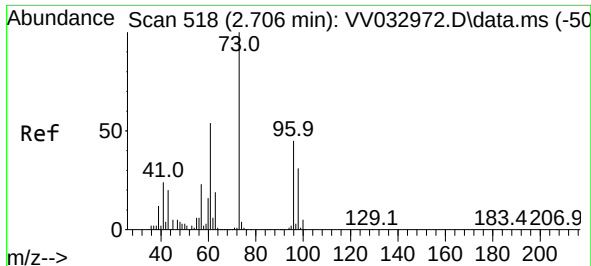
Tgt Ion: 43 Resp: 87718
Ion Ratio Lower Upper
43 100
74 24.9 16.9 25.3



#16
Methylene chloride
Concen: 16.623 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion: 84 Resp: 304786
Ion Ratio Lower Upper
84 100
86 64.8 44.7 83.1
49 112.7 78.3 145.5





#17

Methyl tert-butyl Ether

Concen: 23.372 ug/L

RT: 2.703 min Scan# 51

Delta R.T. -0.003 min

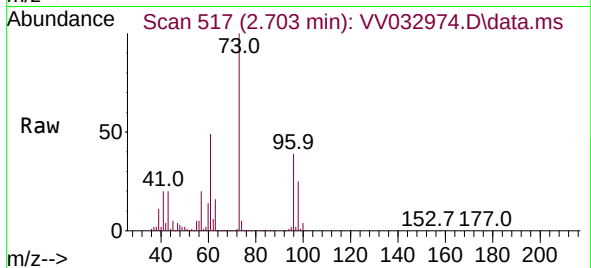
Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :



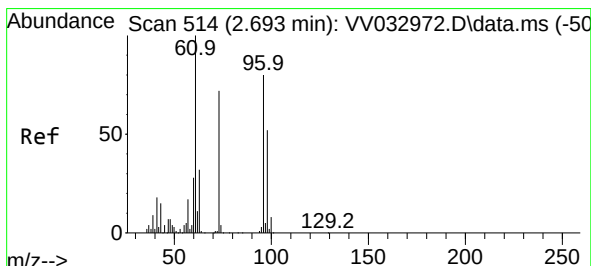
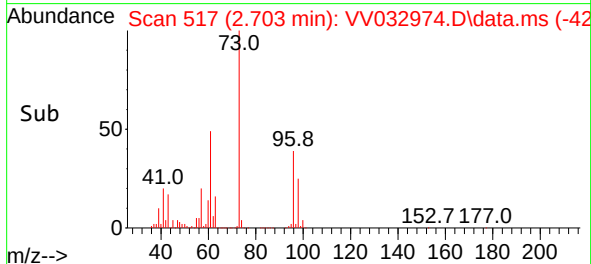
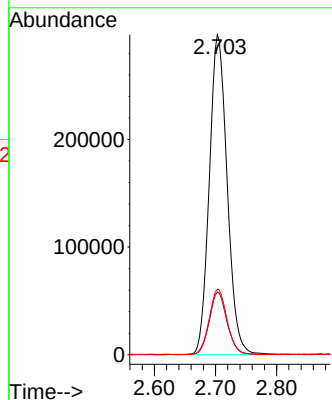
Tgt Ion: 73 Resp: 604005

Ion Ratio Lower Upper

73 100

43 19.1 17.3 25.9

57 20.5 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 20.798 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

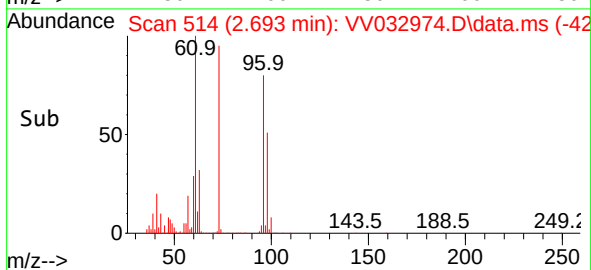
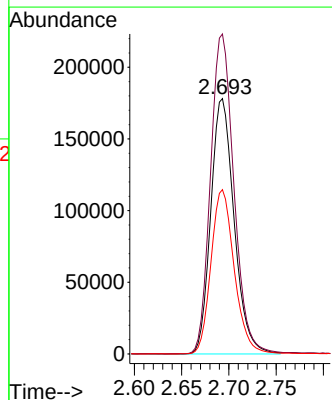
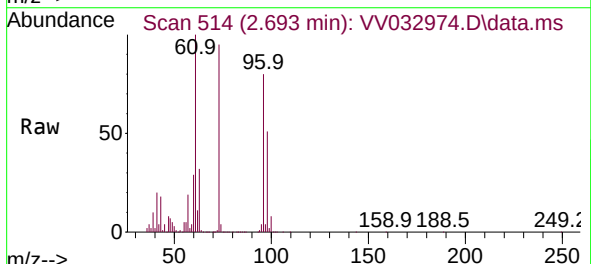
Tgt Ion: 96 Resp: 306191

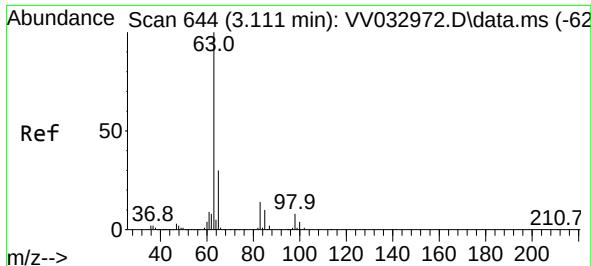
Ion Ratio Lower Upper

96 100

61 125.3 88.2 163.8

98 64.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 20.500 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

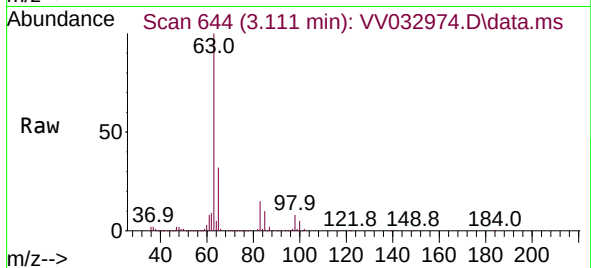
Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :



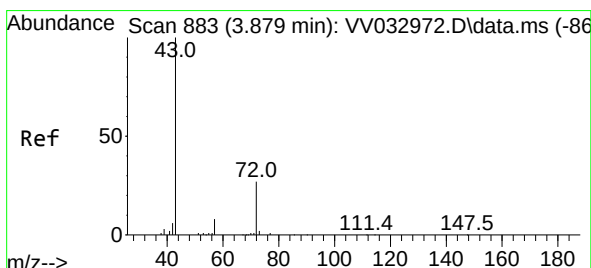
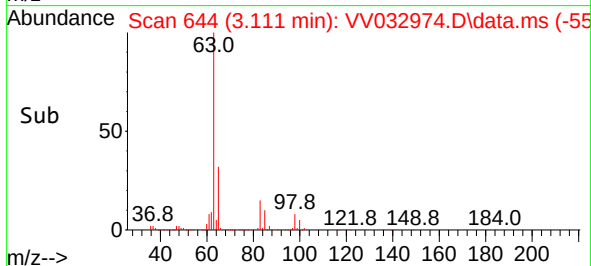
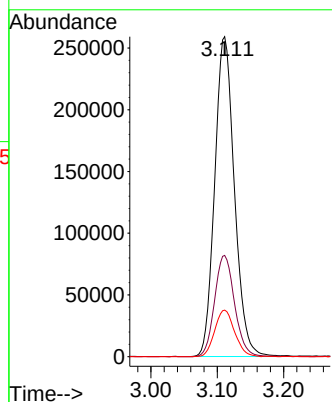
Tgt Ion: 63 Resp: 534537

Ion Ratio Lower Upper

63 100

65 31.6 21.0 39.0

83 14.6 10.0 18.6



#21

2-Butanone

Concen: 222.926 ug/L

RT: 3.867 min Scan# 879

Delta R.T. -0.013 min

Lab File: VV032974.D

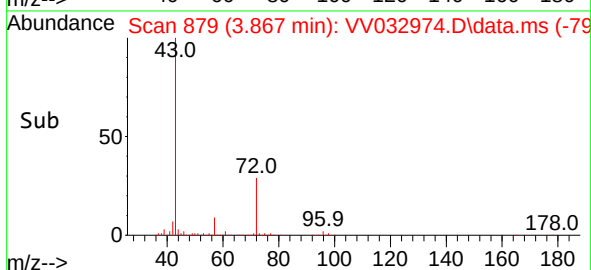
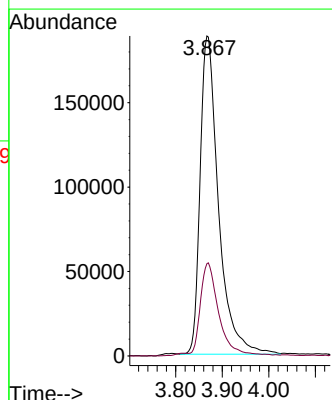
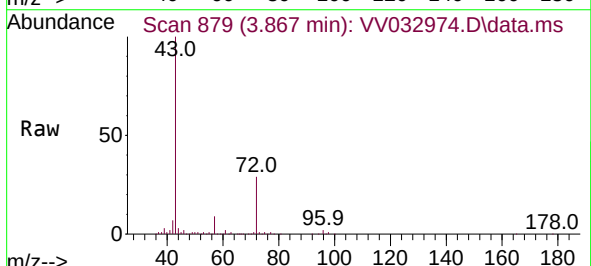
Acq: 16 Nov 2023 20:34

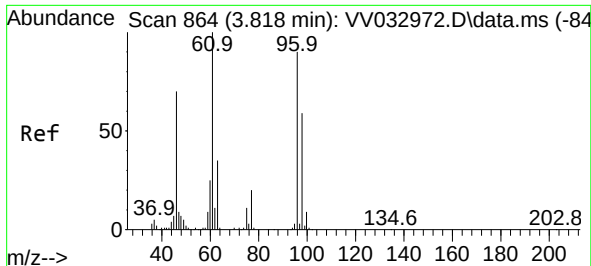
Tgt Ion: 43 Resp: 517525

Ion Ratio Lower Upper

43 100

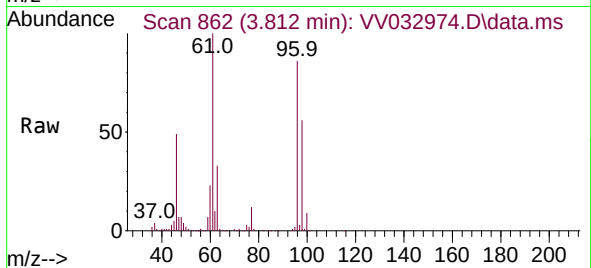
72 28.6 13.4 40.1





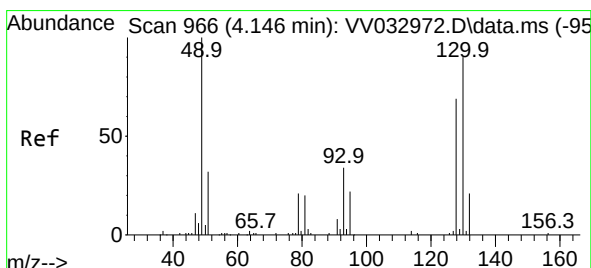
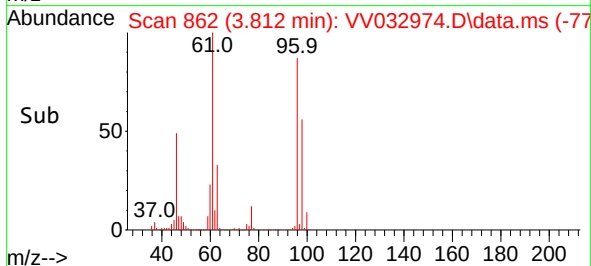
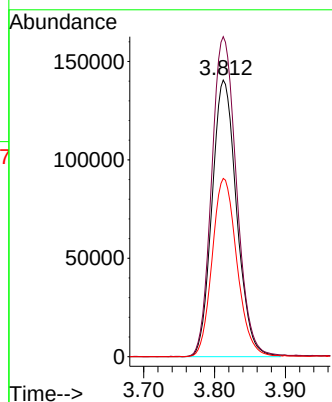
#22
 cis-1,2-Dichloroethene
 Concen: 22.536 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.006 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 339333

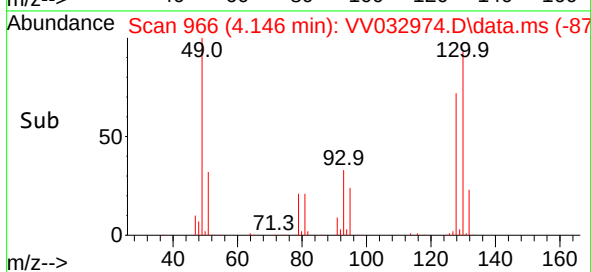
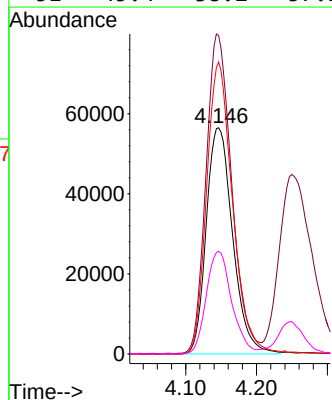
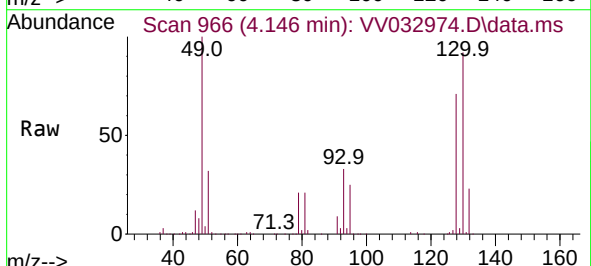
Ion	Ratio	Lower	Upper
96	100		
61	115.7	77.8	144.6
98	64.4	45.4	84.4

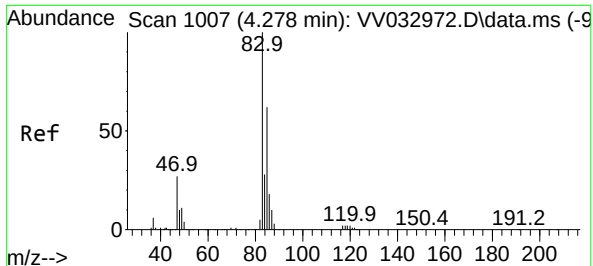


#23
 Bromochloromethane
 Concen: 21.151 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

Tgt Ion: 128 Resp: 146119

Ion	Ratio	Lower	Upper
128	100		
49	140.8	101.6	188.8
130	129.1	91.7	170.3
51	45.4	38.2	57.2

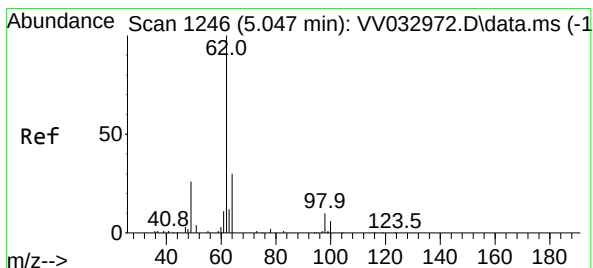
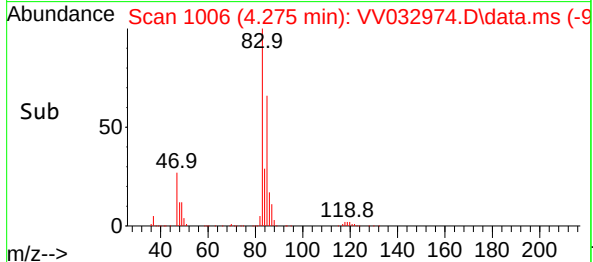
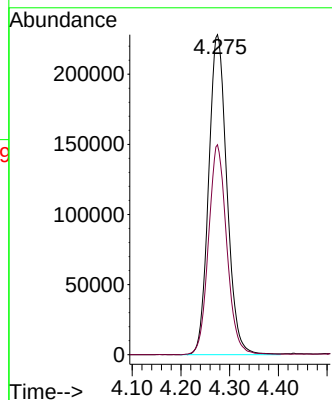
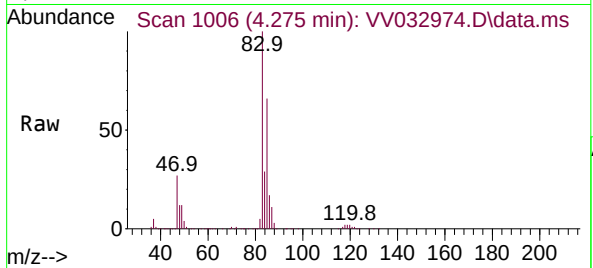




#25
Chloroform
Concen: 20.623 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

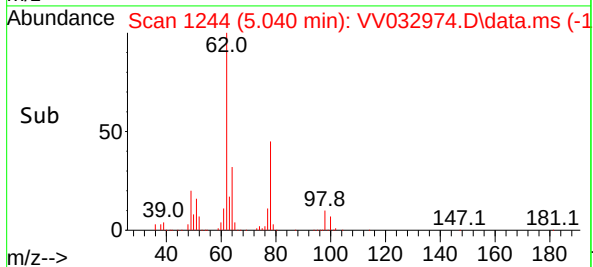
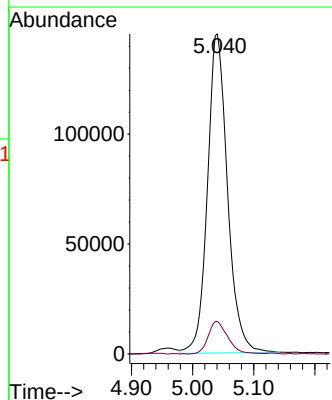
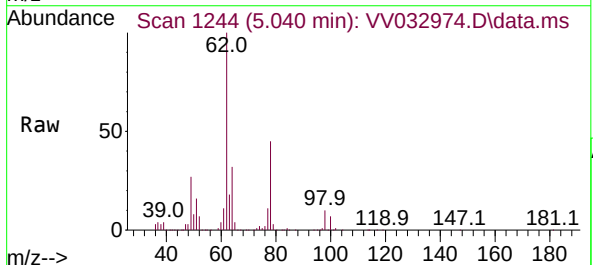
Instrument :
MSVOA_V
ClientSampleId :

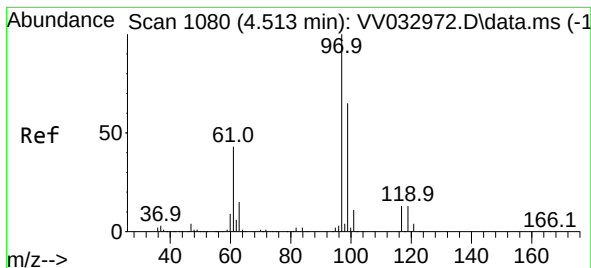
Tgt Ion: 83 Resp: 593356
Ion Ratio Lower Upper
83 100
85 65.6 43.6 81.0



#27
1,2-Dichloroethane
Concen: 21.622 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.006 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion: 62 Resp: 330928
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 20.312 ug/L

RT: 4.513 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

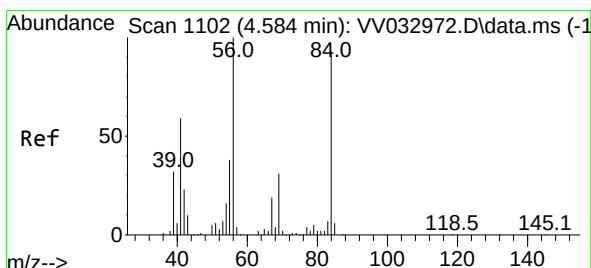
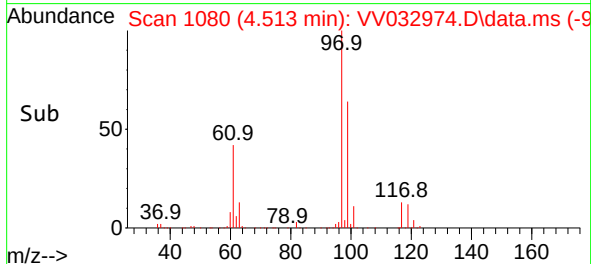
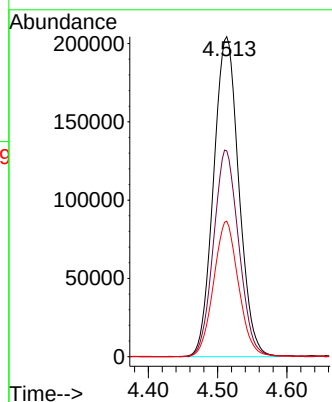
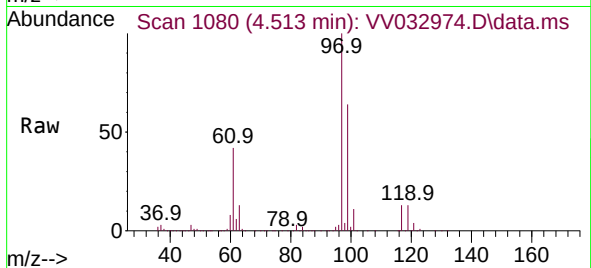
Tgt Ion: 97 Resp: 519425

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 41.6 34.2 51.2



#30

Cyclohexane

Concen: 21.795 ug/L

RT: 4.581 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

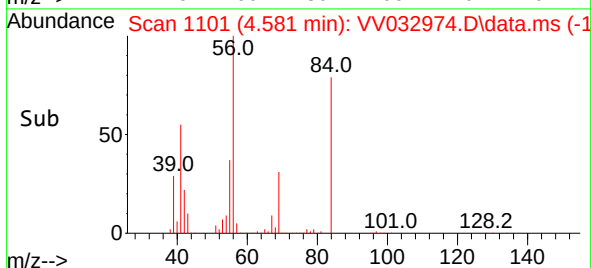
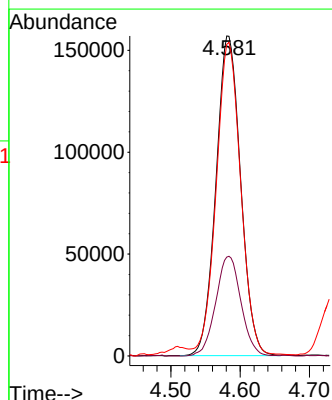
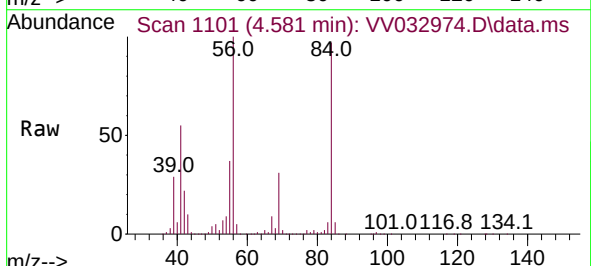
Tgt Ion: 56 Resp: 388656

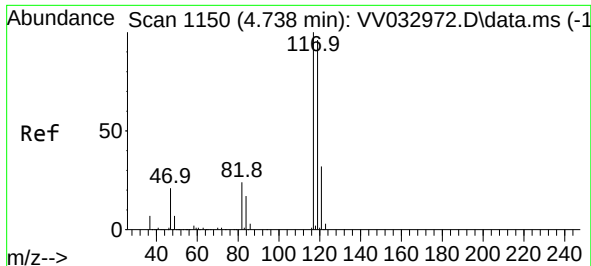
Ion Ratio Lower Upper

56 100

69 31.9 25.9 38.9

84 96.8 77.5 116.3

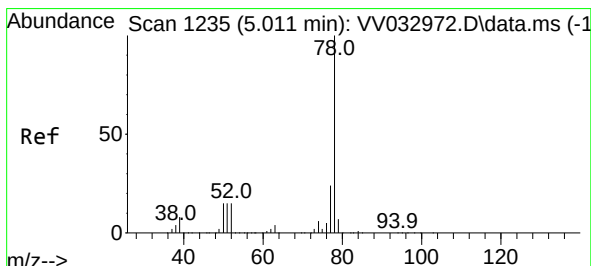
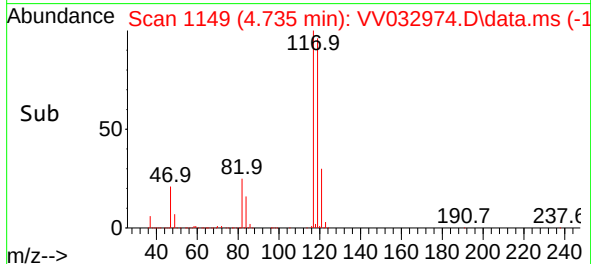
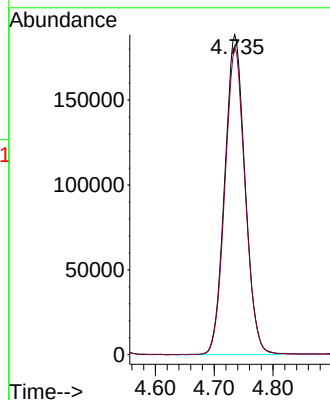
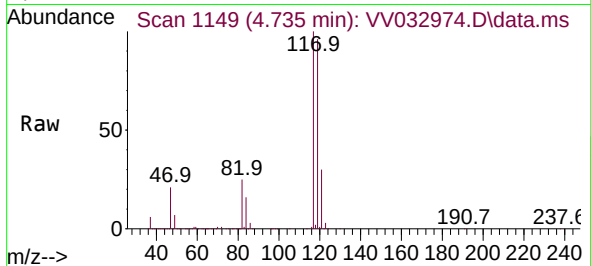




#31
Carbon tetrachloride
Concen: 20.421 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

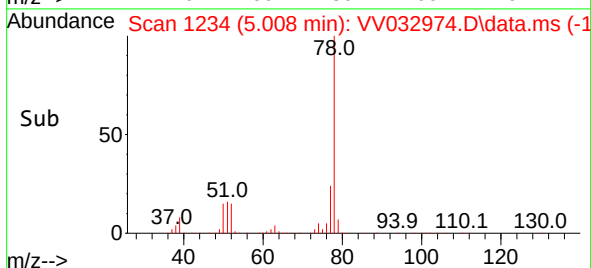
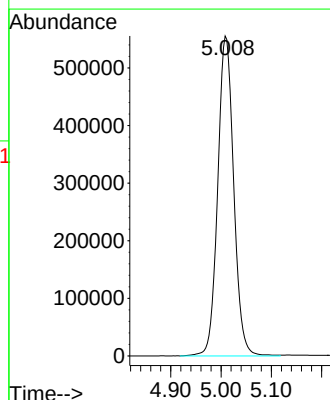
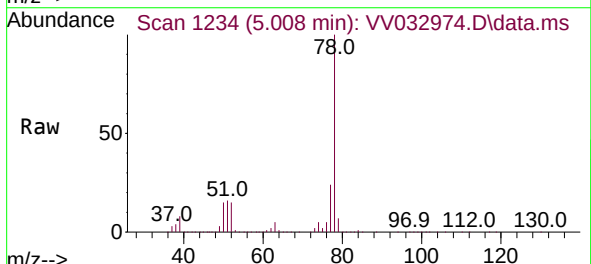
Instrument :
MSVOA_V
ClientSampleId :

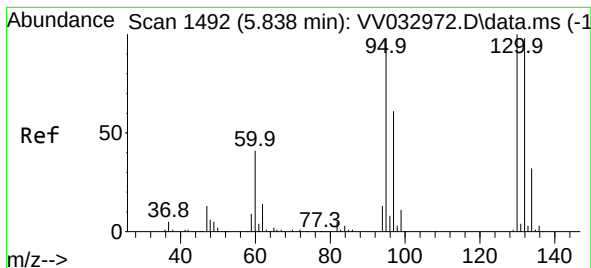
Tgt Ion:117 Resp: 452203
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 22.408 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion: 78 Resp: 1224898





#34

Trichloroethene

Concen: 21.198 ug/L

RT: 5.831 min Scan# 1492

Delta R.T. -0.006 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 318876

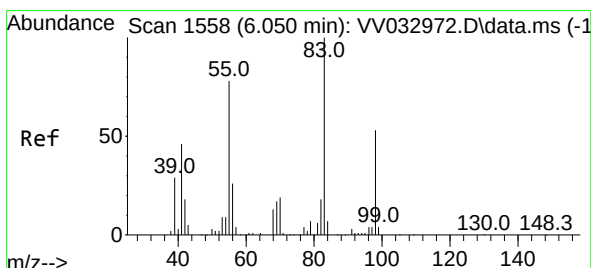
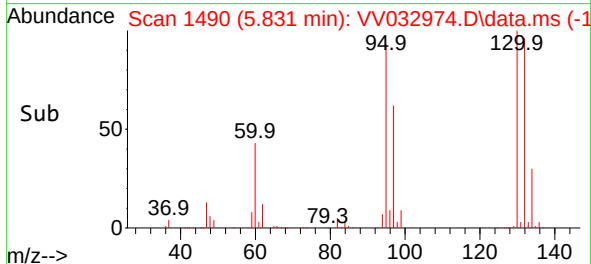
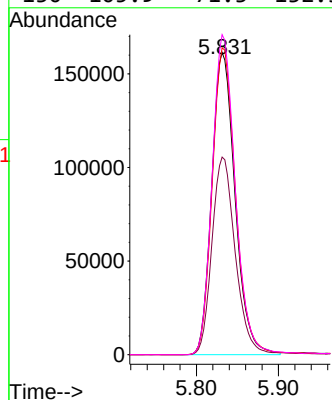
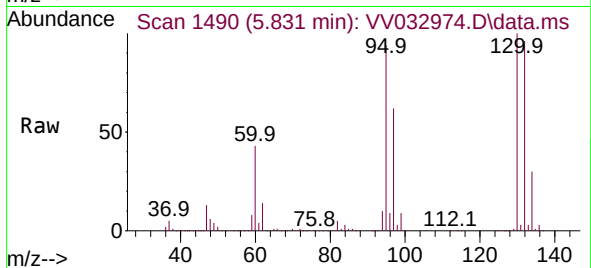
Ion Ratio Lower Upper

95 100

97 65.4 43.7 81.1

132 101.6 69.7 129.5

130 105.9 71.3 132.3



#35

Methylcyclohexane

Concen: 22.451 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

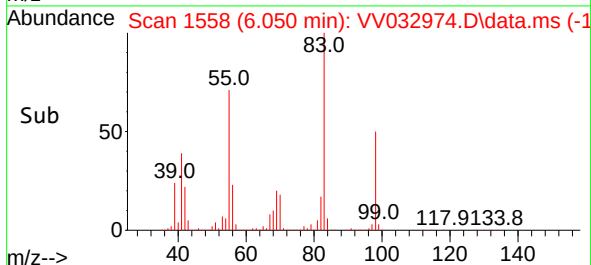
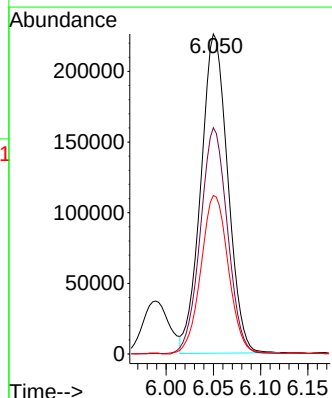
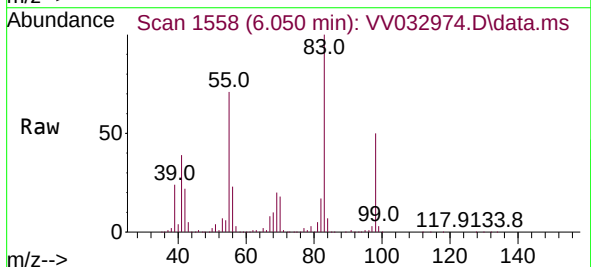
Tgt Ion: 83 Resp: 447418

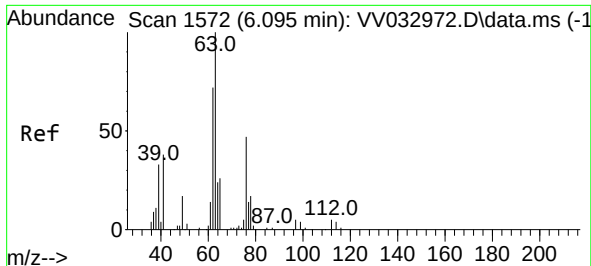
Ion Ratio Lower Upper

83 100

55 71.1 57.6 86.4

98 50.9 39.0 58.4





#37

1,2-Dichloropropane

Concen: 21.542 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

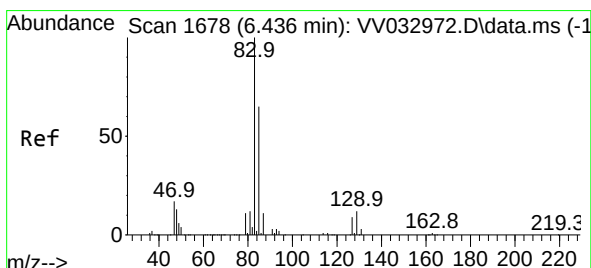
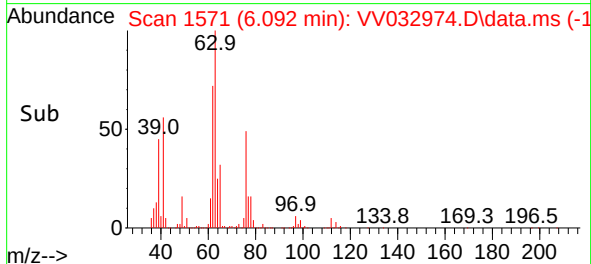
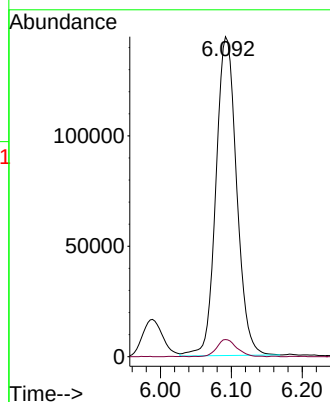
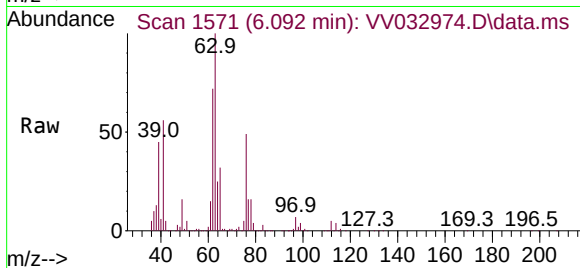
ClientSampleId :

Tgt Ion: 63 Resp: 292761

Ion Ratio Lower Upper

63 100

112 5.3 4.1 6.1



#38

Bromodichloromethane

Concen: 21.596 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

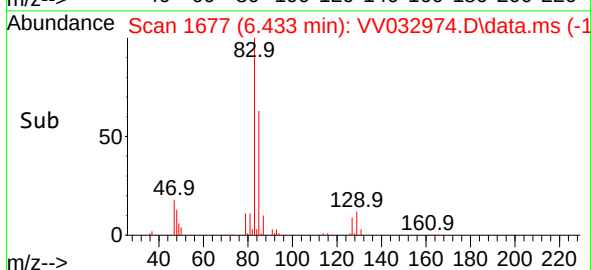
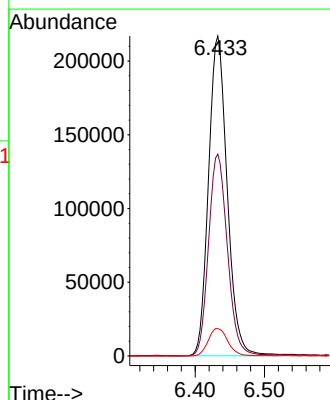
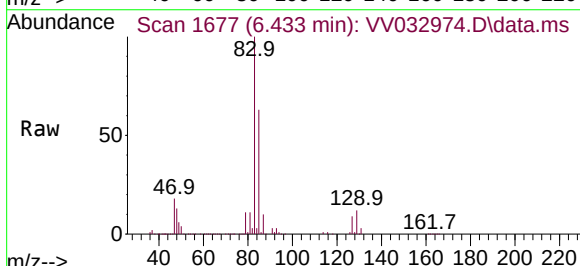
Tgt Ion: 83 Resp: 404966

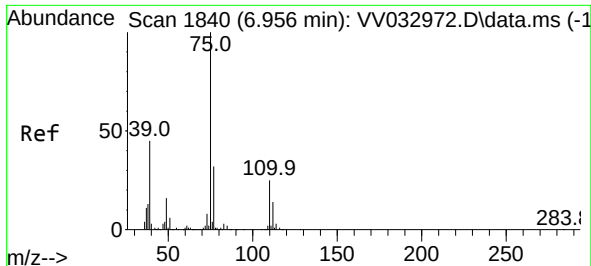
Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 24.538 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

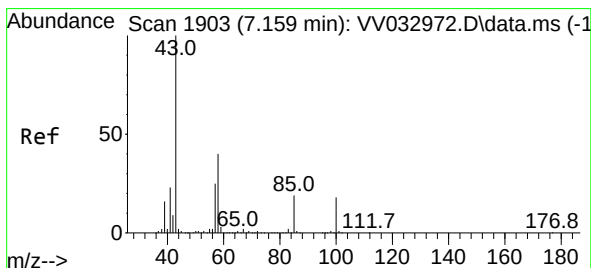
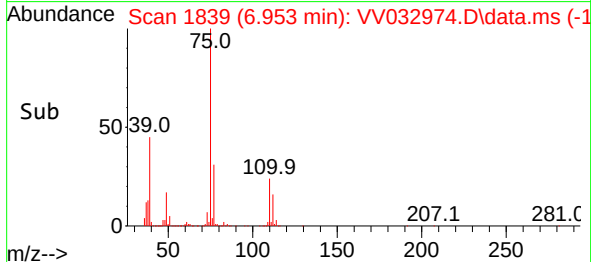
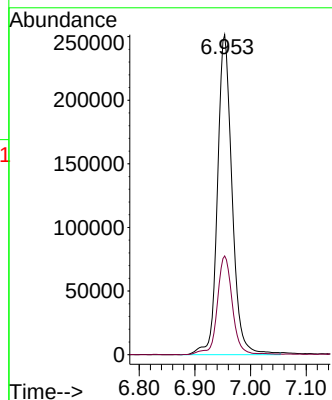
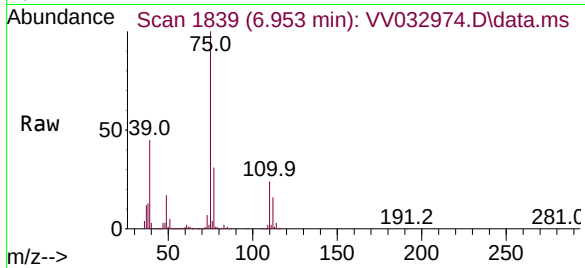
ClientSampleId :

Tgt Ion: 75 Resp: 457407

Ion Ratio Lower Upper

75 100

77 30.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 250.345 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

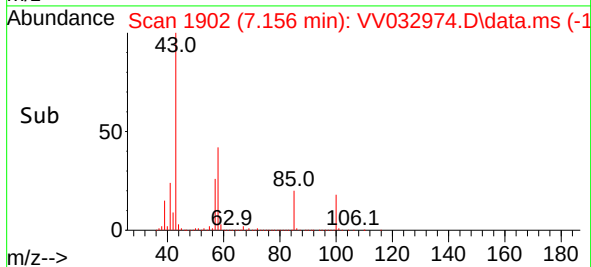
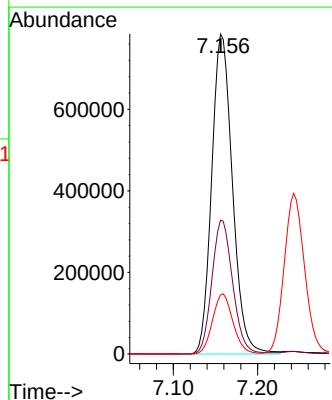
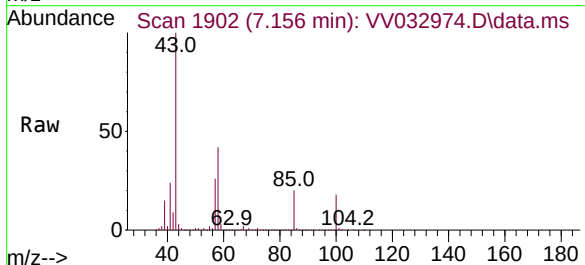
Tgt Ion: 43 Resp: 1342479

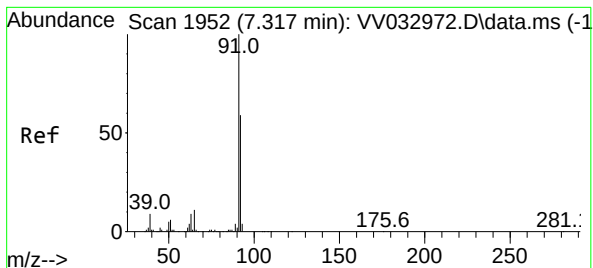
Ion Ratio Lower Upper

43 100

58 41.9 31.7 47.5

100 18.5 14.2 21.2





#42

Toluene

Concen: 22.469 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

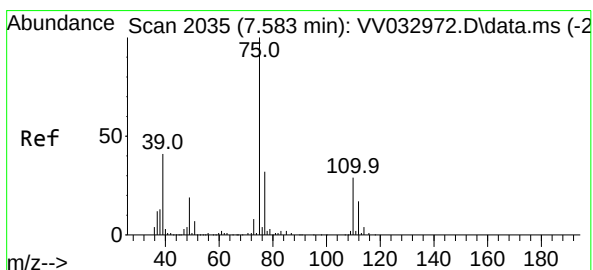
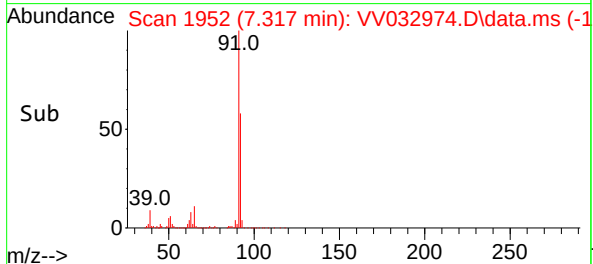
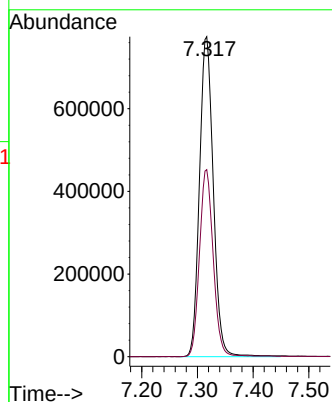
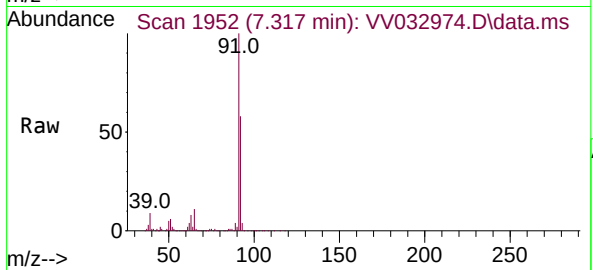
ClientSampleId :

Tgt Ion: 91 Resp: 1335991

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 24.787 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV032974.D

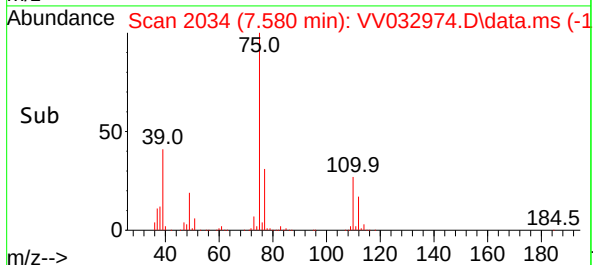
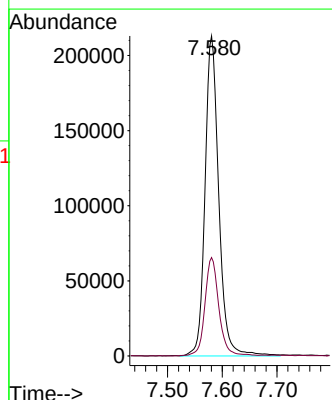
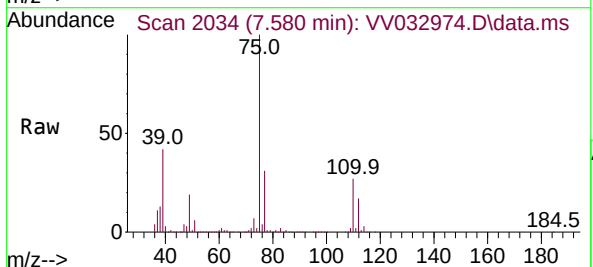
Acq: 16 Nov 2023 20:34

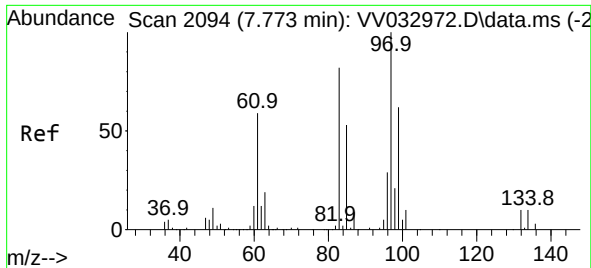
Tgt Ion: 75 Resp: 371574

Ion Ratio Lower Upper

75 100

77 30.7 22.9 42.5



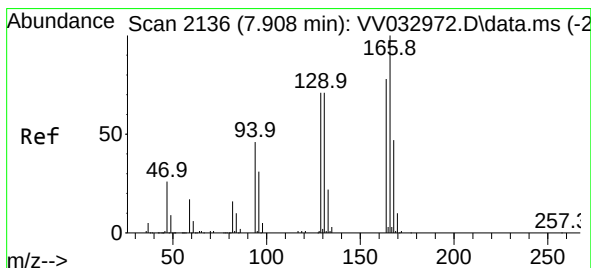
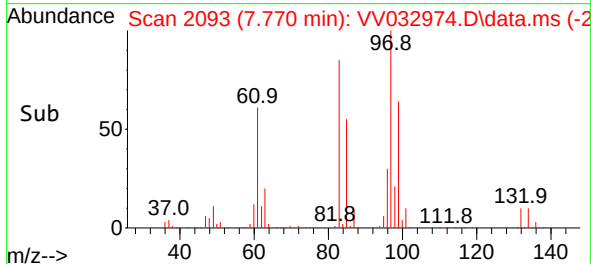
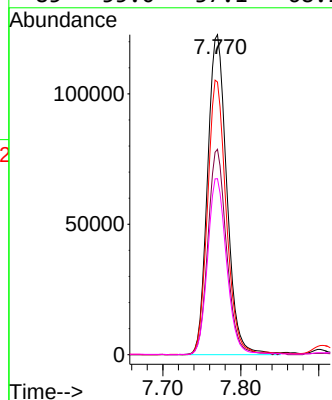
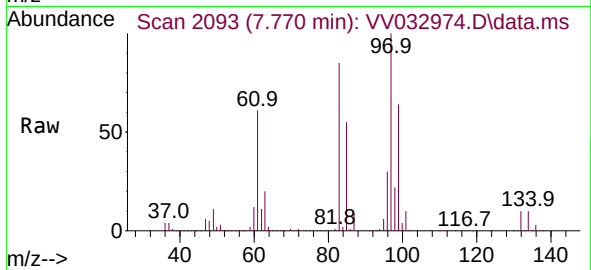


#45
1,1,2-Trichloroethane
Concen: 21.524 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 210576

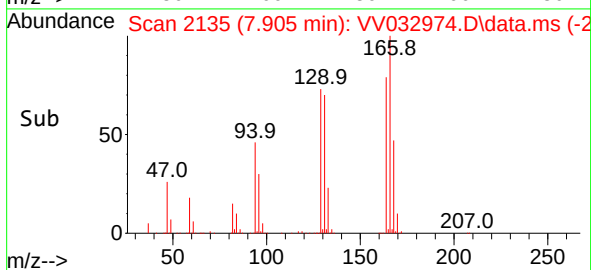
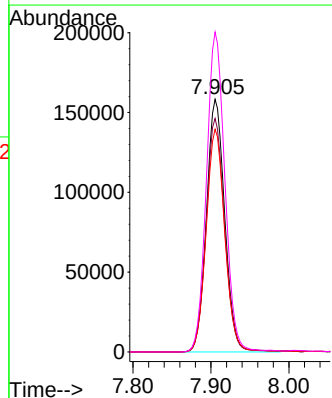
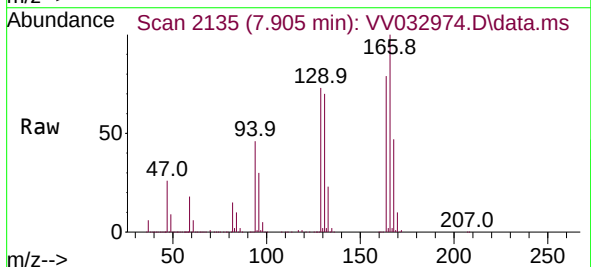
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.0	80.0
83	85.2	57.3	106.5
85	55.0	37.1	68.9

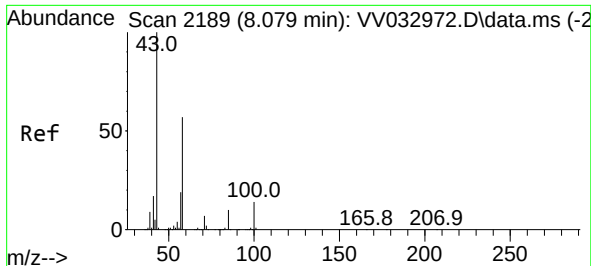


#47
Tetrachloroethene
Concen: 20.474 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion: 164 Resp: 259366

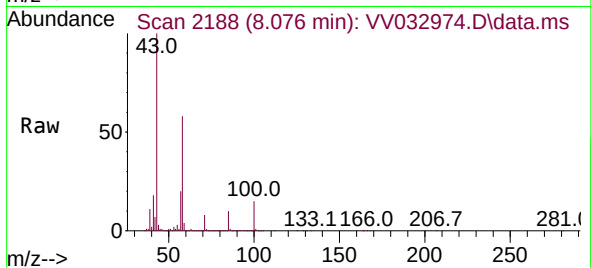
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.2	119.2
131	88.2	63.5	117.9
166	126.6	89.8	166.8





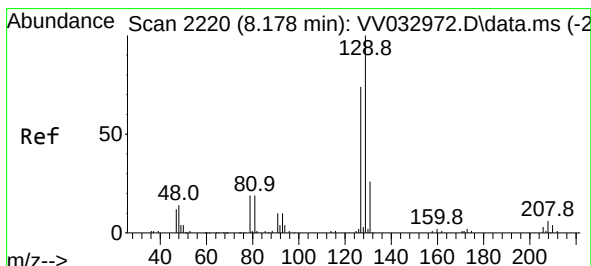
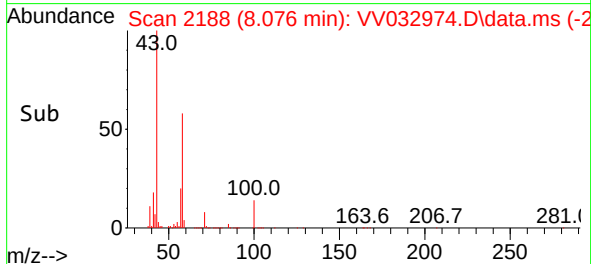
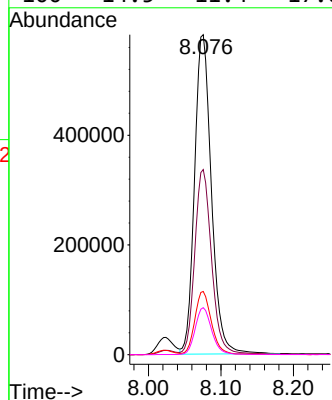
#48
2-Hexanone
Concen: 239.136 ug/L
RT: 8.076 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 941769

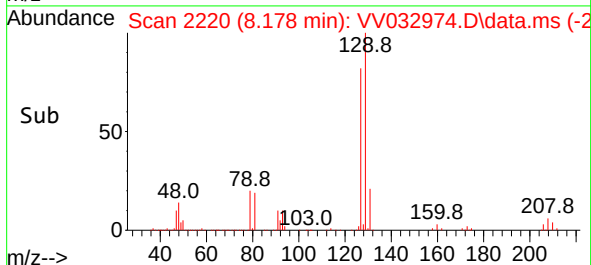
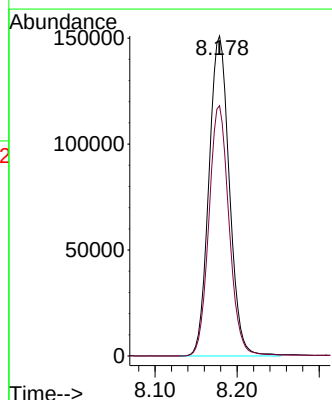
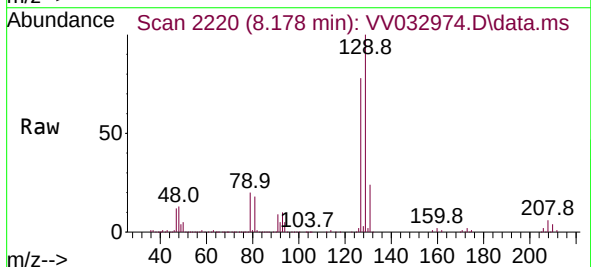
Ion	Ratio	Lower	Upper
43	100		
58	57.8	44.9	67.3
57	19.6	15.1	22.7
100	14.5	11.4	17.0

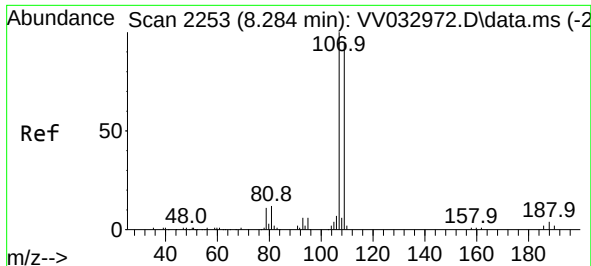


#49
Dibromochloromethane
Concen: 22.309 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion: 129 Resp: 261695

Ion	Ratio	Lower	Upper
129	100		
127	78.2	51.6	95.8





#50

1,2-Dibromoethane

Concen: 21.759 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

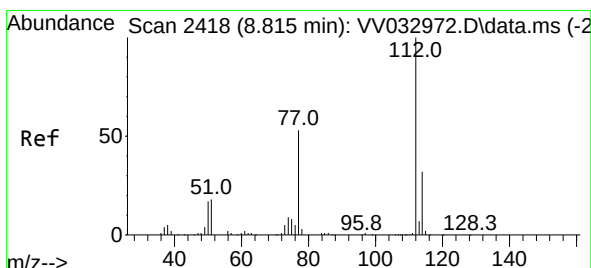
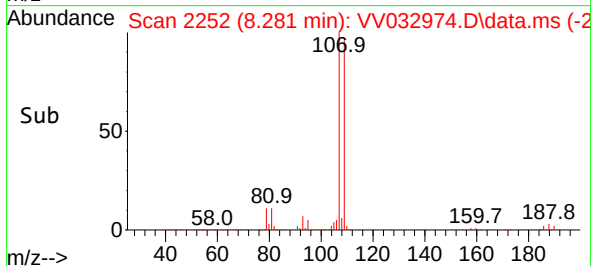
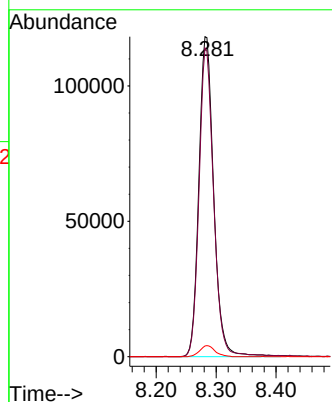
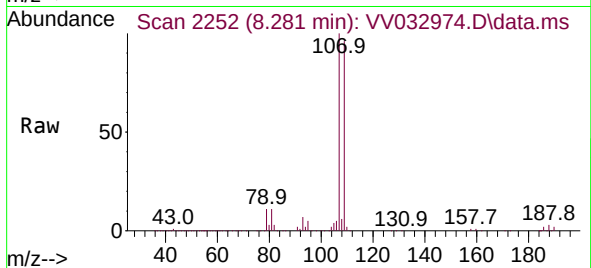
Tgt Ion:107 Resp: 203571

Ion Ratio Lower Upper

107 100

109 96.5 65.6 121.8

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 21.504 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

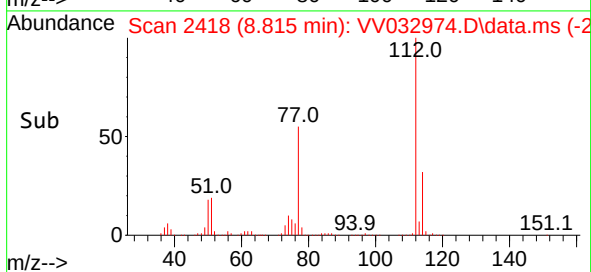
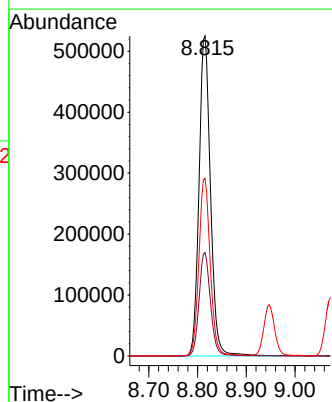
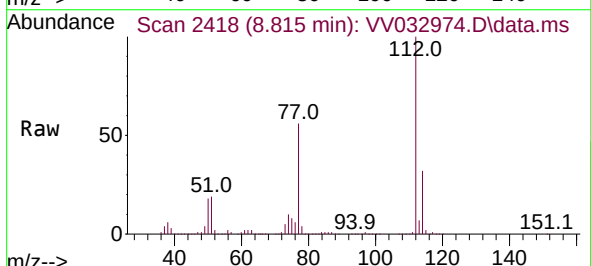
Tgt Ion:112 Resp: 858561

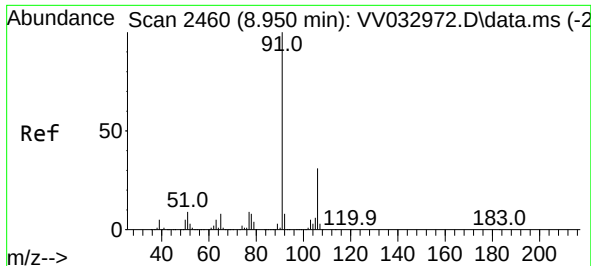
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 55.5 42.6 64.0





#52

Ethylbenzene

Concen: 23.641 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

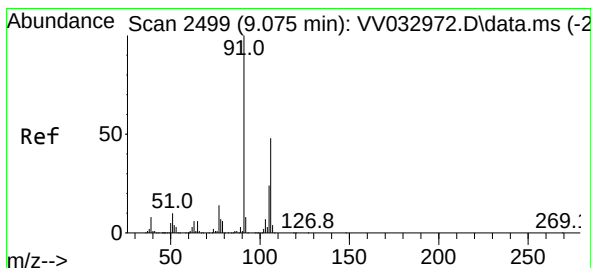
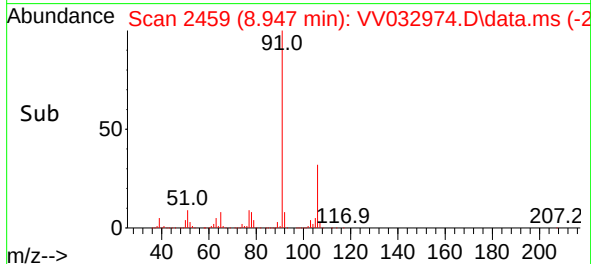
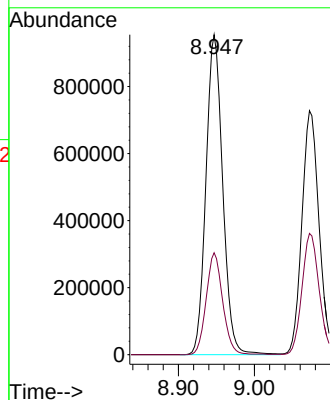
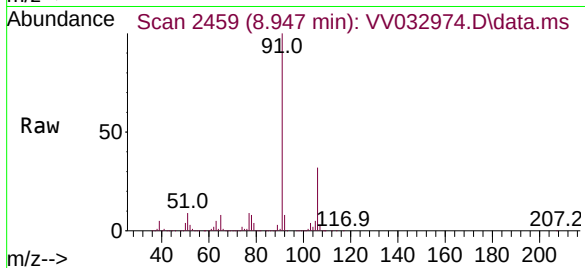
ClientSampleId :

Tgt Ion: 91 Resp: 1460799

Ion Ratio Lower Upper

91 100

106 31.8 21.7 40.3



#53

m,p-Xylene

Concen: 23.747 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.003 min

Lab File: VV032974.D

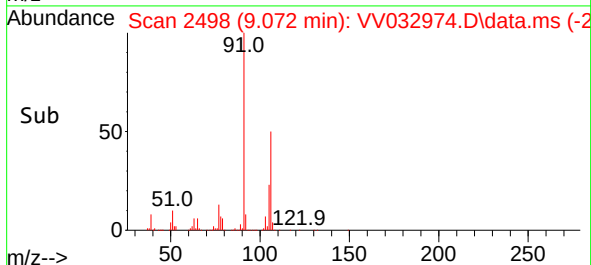
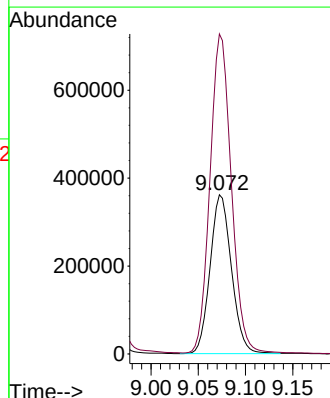
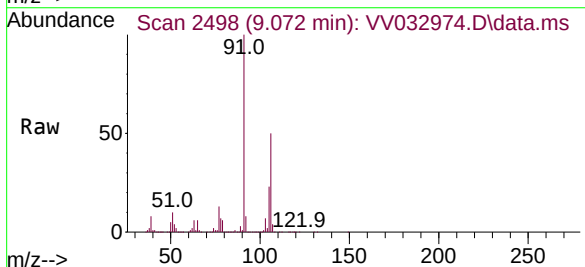
Acq: 16 Nov 2023 20:34

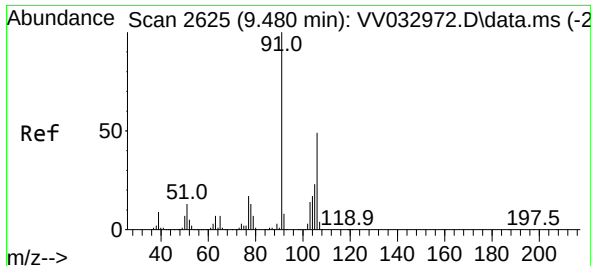
Tgt Ion: 106 Resp: 567280

Ion Ratio Lower Upper

106 100

91 201.0 145.5 270.3

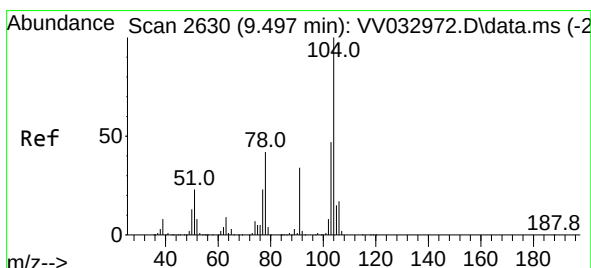
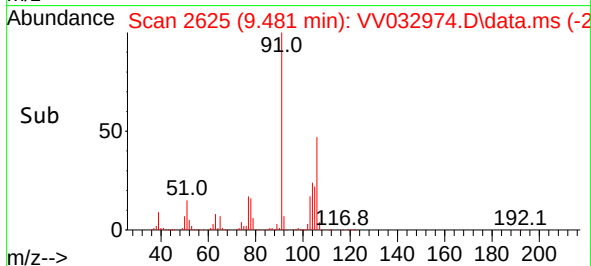
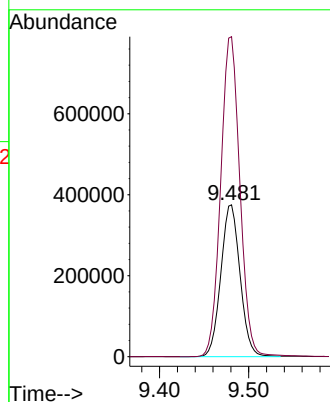
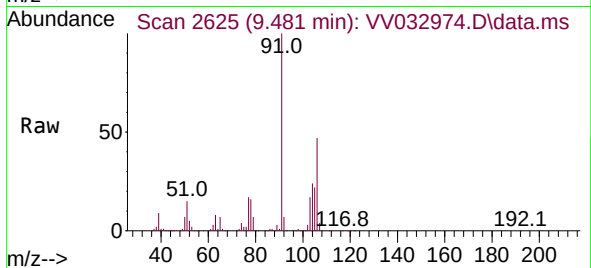




#54
o-Xylene
Concen: 24.638 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

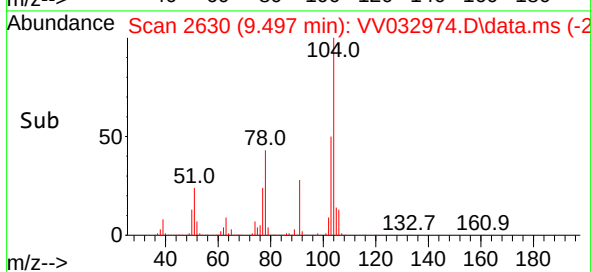
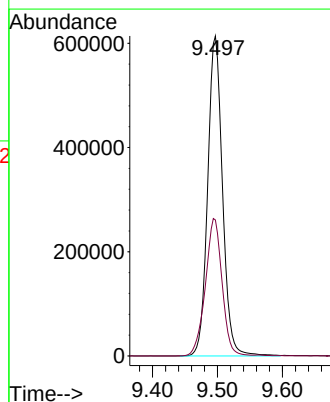
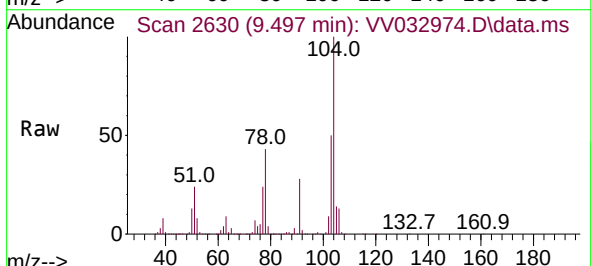
Instrument :
MSVOA_V
ClientSampleId :

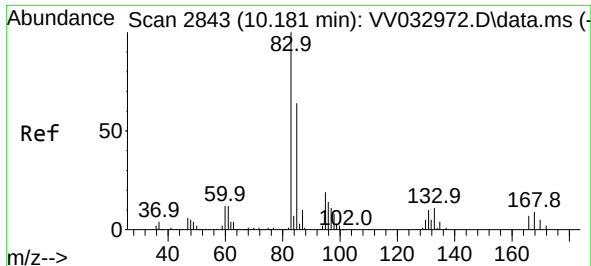
Tgt Ion:106 Resp: 562371
Ion Ratio Lower Upper
106 100
91 210.7 142.4 264.4



#55
Styrene
Concen: 24.903 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion:104 Resp: 977585
Ion Ratio Lower Upper
104 100
78 42.5 29.8 55.4





#57

1,1,2,2-Tetrachloroethane

Concen: 21.220 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.003 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

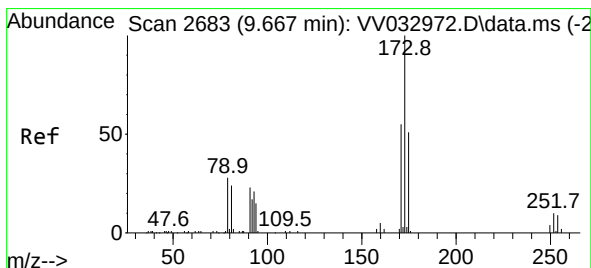
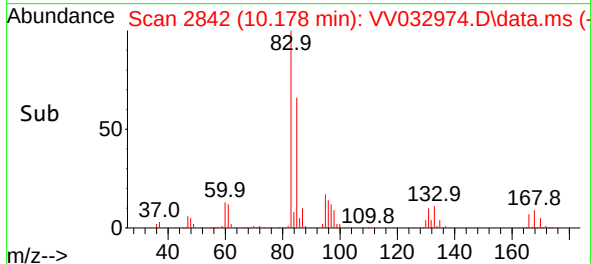
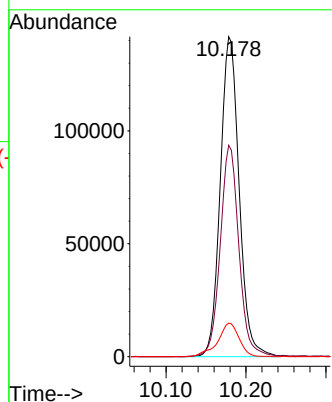
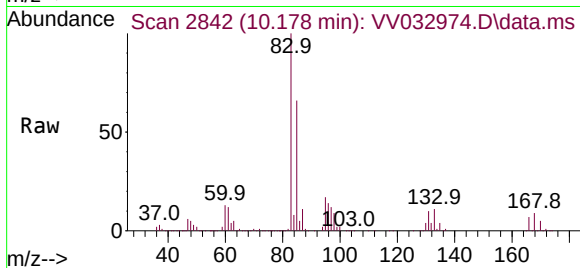
Tgt Ion: 83 Resp: 231530

Ion Ratio Lower Upper

83 100

85 66.0 44.7 83.1

131 10.5 8.0 12.0



#59

Bromoform

Concen: 21.875 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

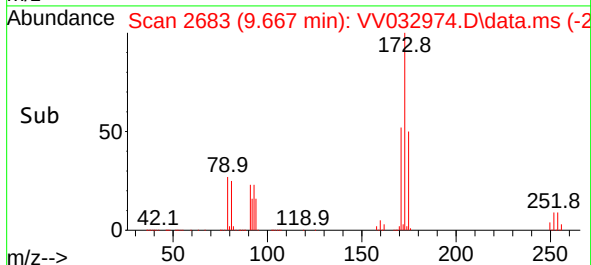
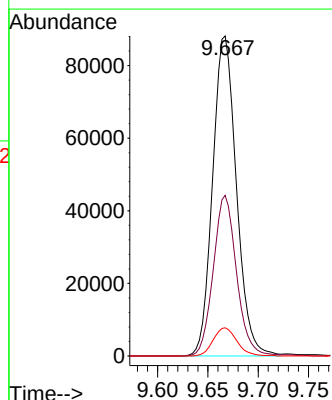
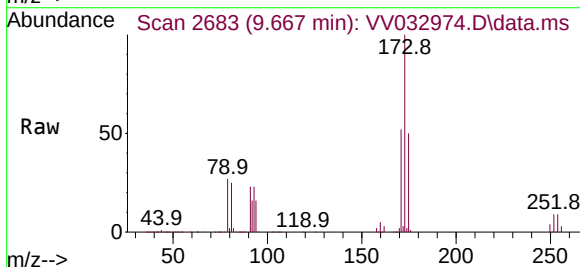
Tgt Ion: 173 Resp: 145344

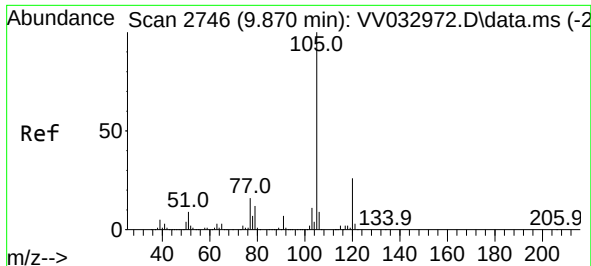
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 8.8 6.4 9.6

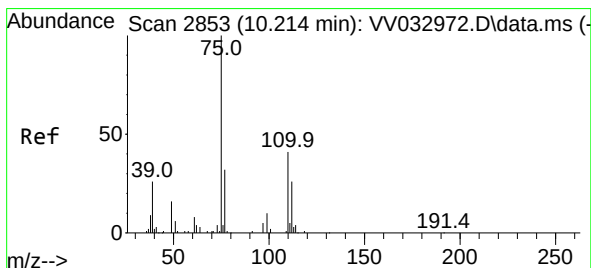
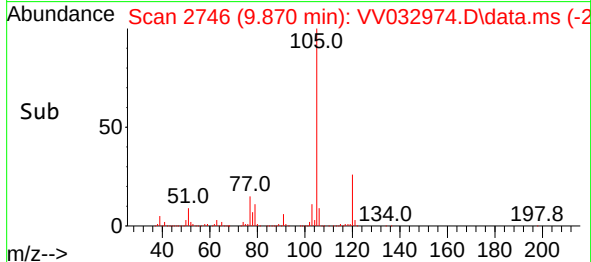
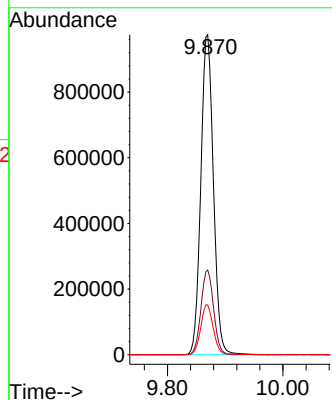
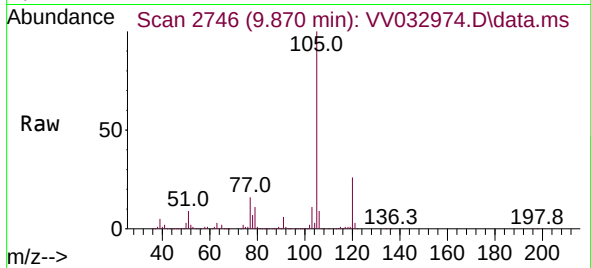




#60
Isopropylbenzene
Concen: 22.548 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

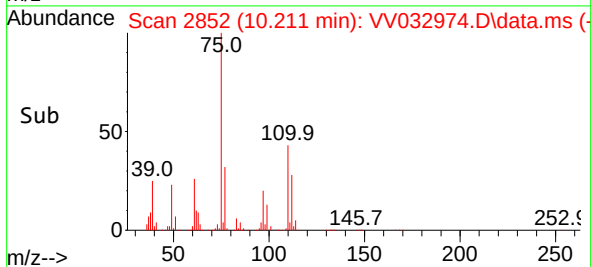
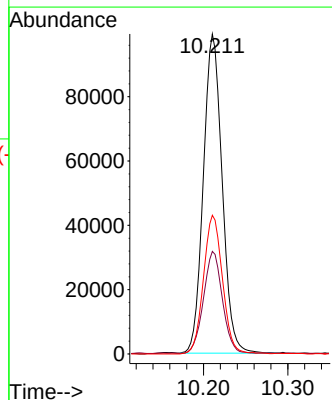
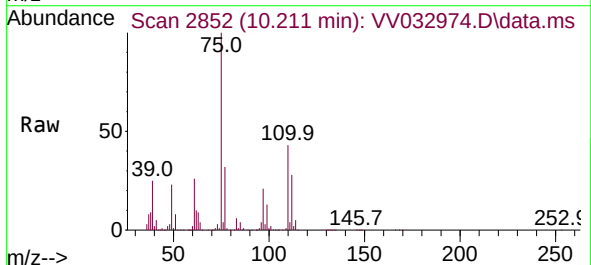
Instrument :
MSVOA_V
ClientSampleId :

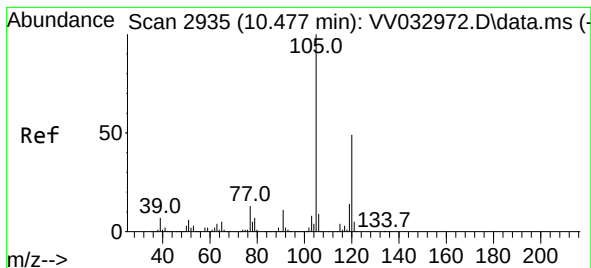
Tgt Ion:105 Resp: 1471041
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 20.052 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion: 75 Resp: 154224
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
110 43.7 35.6 53.4

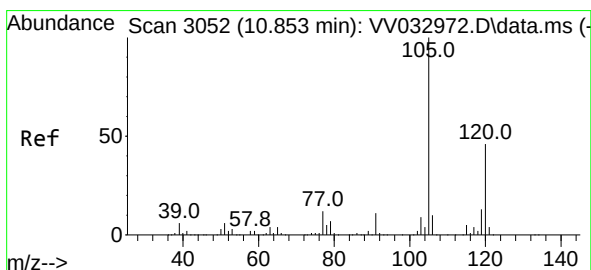
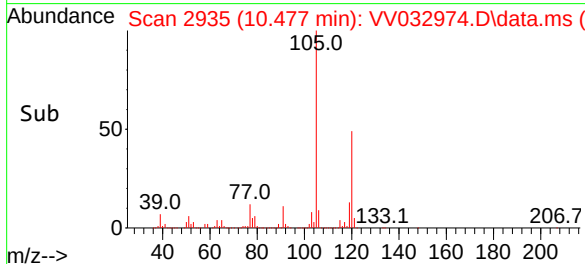
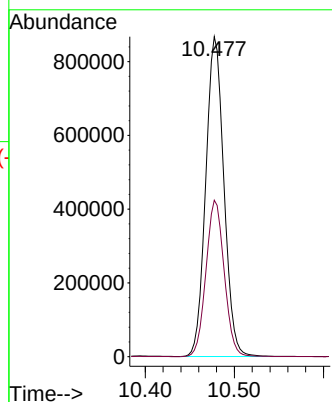
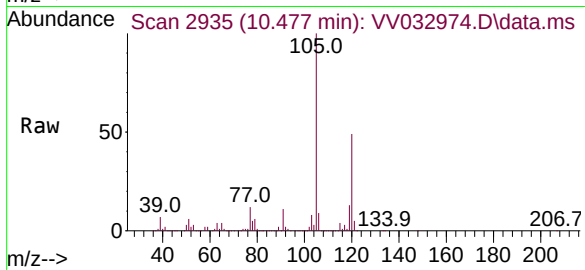




#62
 1,3,5-Trimethylbenzene
 Concen: 23.995 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

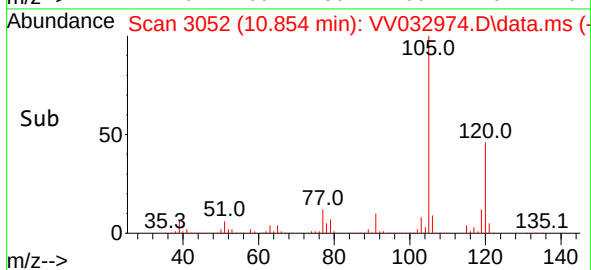
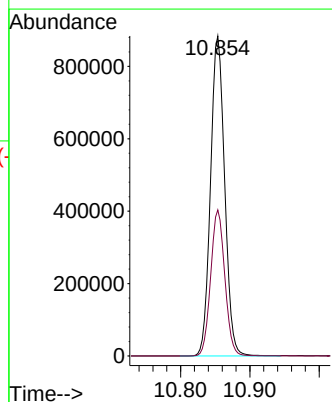
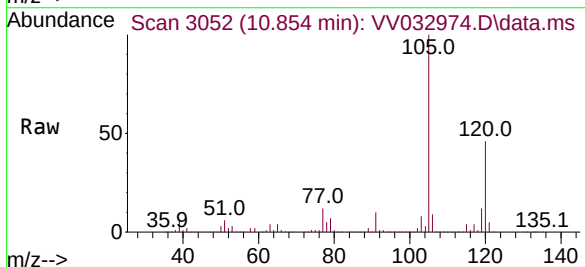
Instrument :
 MSVOA_V
 ClientSampleId :

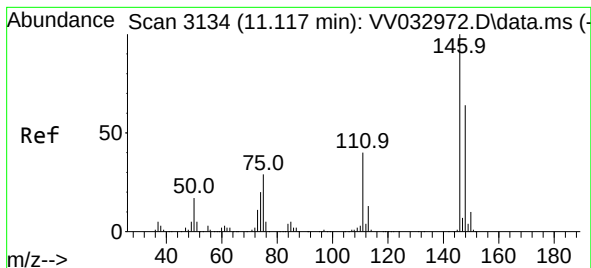
Tgt Ion:105 Resp: 1226889
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 24.217 ug/L
 RT: 10.854 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032974.D
 Acq: 16 Nov 2023 20:34

Tgt Ion:105 Resp: 1247995
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 20.769 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

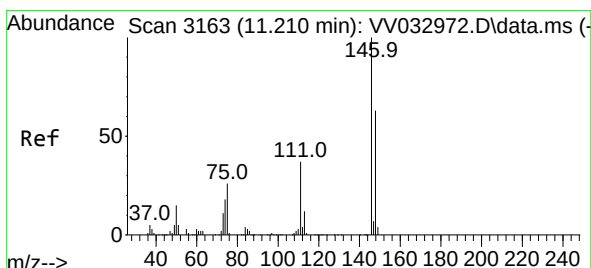
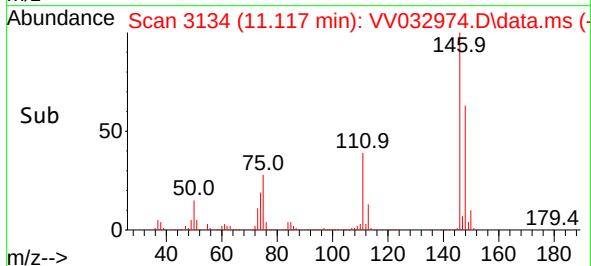
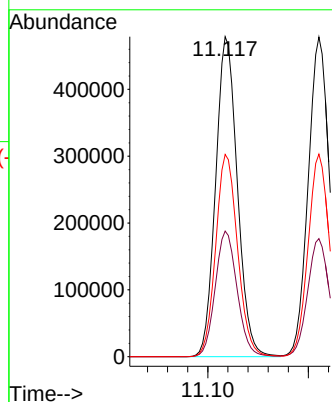
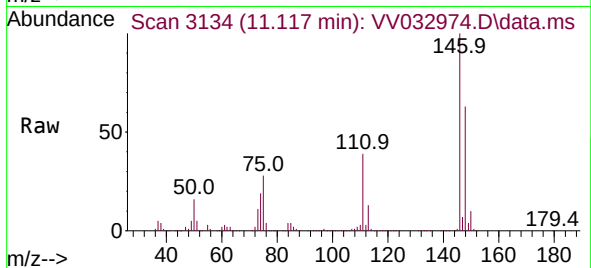
Tgt Ion:146 Resp: 719518

Ion Ratio Lower Upper

146 100

111 39.2 27.8 51.6

148 63.2 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 20.350 ug/L

RT: 11.211 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

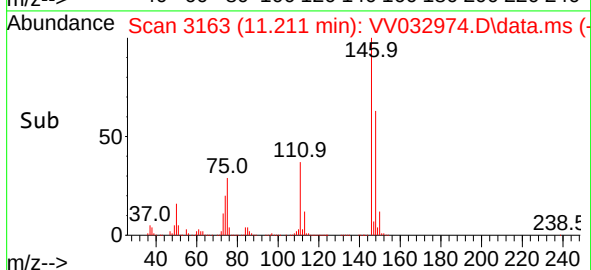
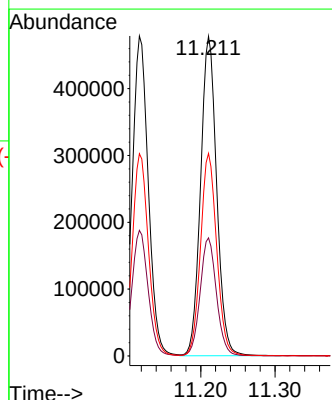
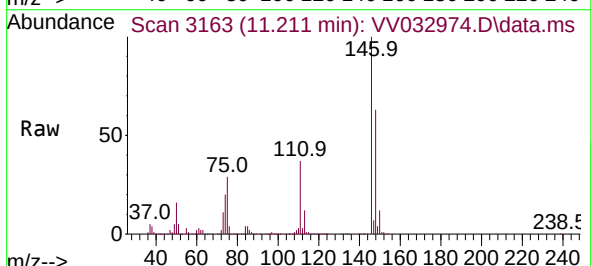
Tgt Ion:146 Resp: 719753

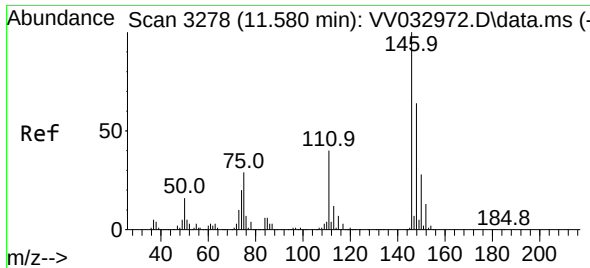
Ion Ratio Lower Upper

146 100

111 36.9 25.8 48.0

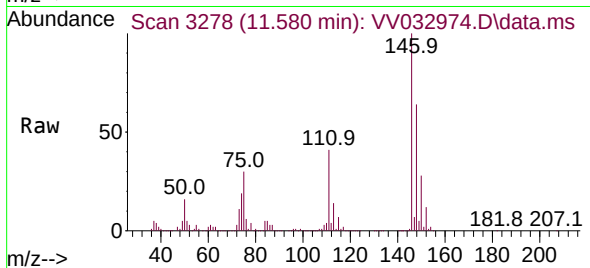
148 63.4 44.4 82.4



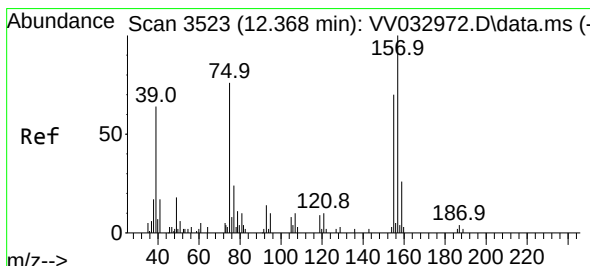
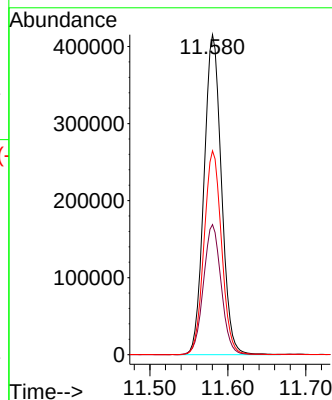
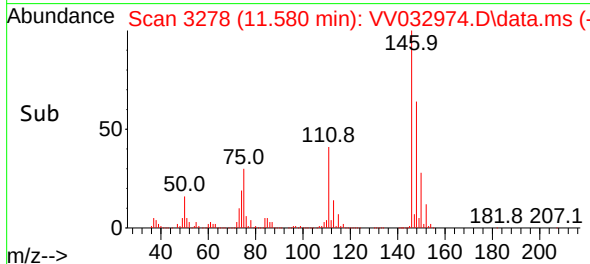


#67
1,2-Dichlorobenzene
Concen: 20.780 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

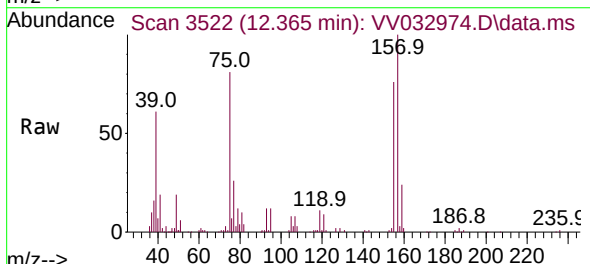
Instrument :
MSVOA_V
ClientSampleId :



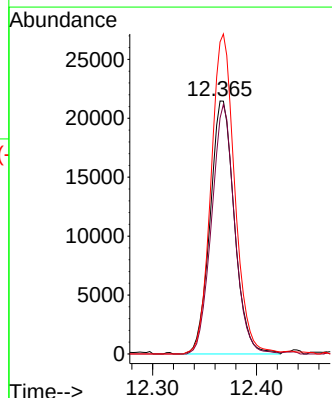
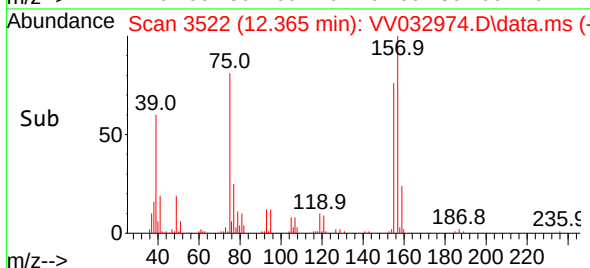
Tgt Ion:146 Resp: 642916
Ion Ratio Lower Upper
146 100
111 40.6 31.8 47.8
148 63.7 51.6 77.4

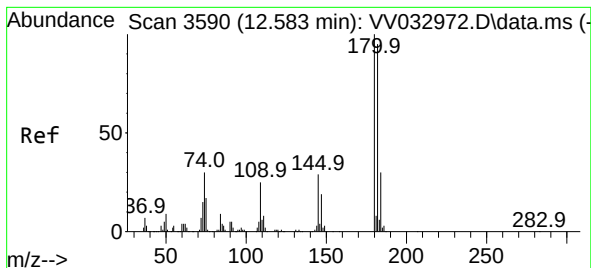


#68
1,2-Dibromo-3-chloropropane
Concen: 18.866 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34



Tgt Ion: 75 Resp: 34780
Ion Ratio Lower Upper
75 100
155 93.2 71.8 107.8
157 123.3 102.2 153.2





#69

1,3,5-Trichlorobenzene

Concen: 20.931 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 538352

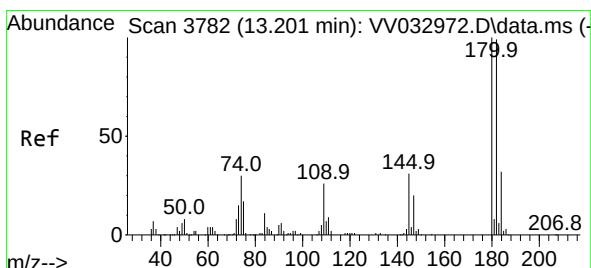
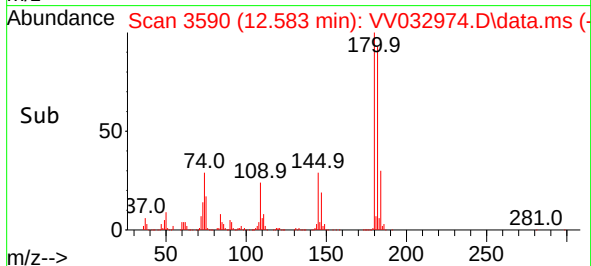
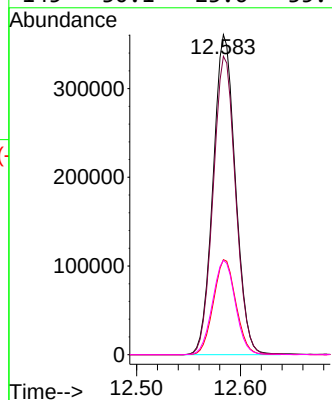
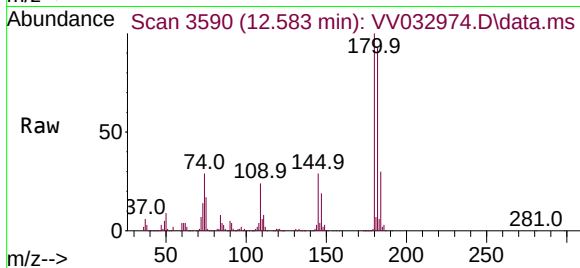
Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.2

184 30.0 24.2 36.4

145 30.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 21.646 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032974.D

Acq: 16 Nov 2023 20:34

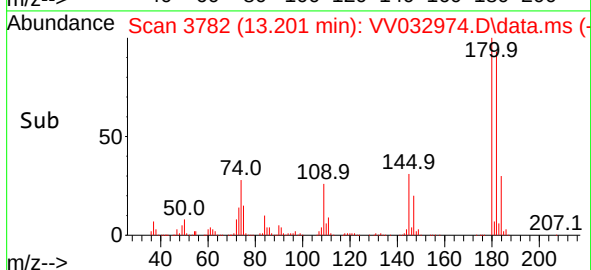
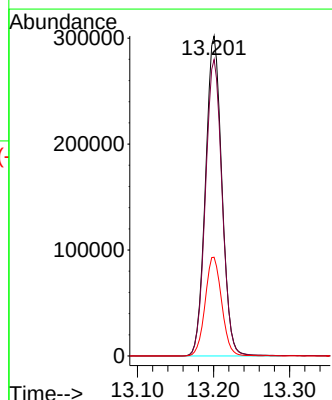
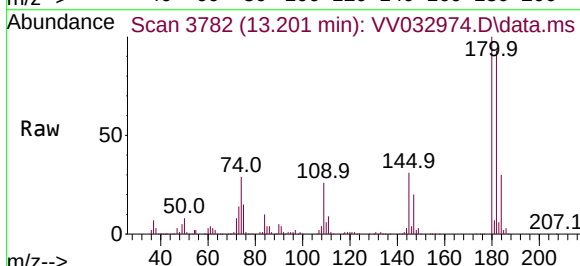
Tgt Ion:180 Resp: 451521

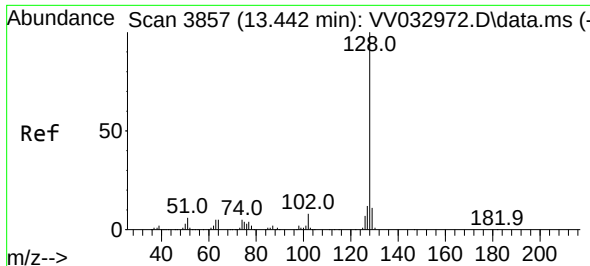
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.2

145 31.3 25.1 37.7

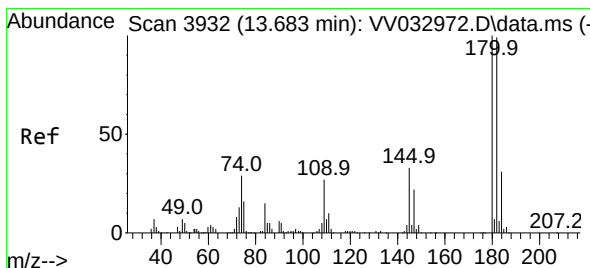
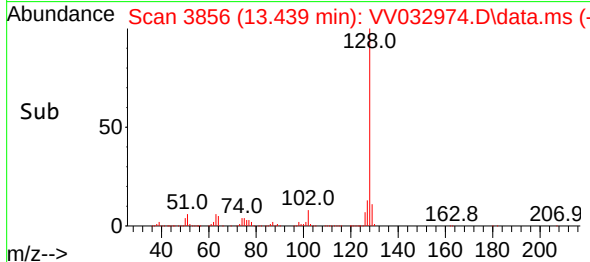
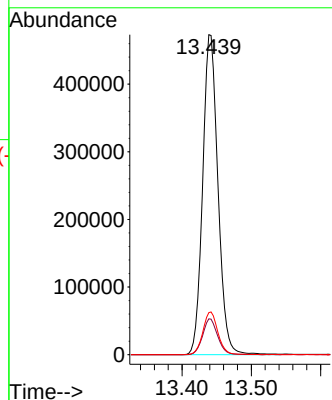
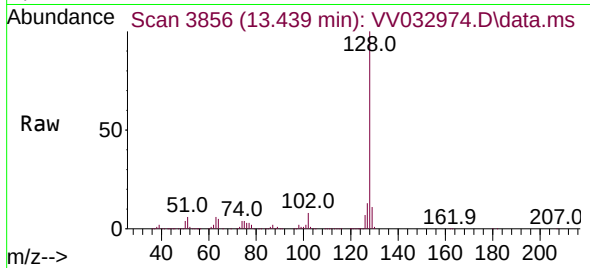




#71
Naphthalene
Concen: 24.986 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.003 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 725489
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 21.995 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032974.D
Acq: 16 Nov 2023 20:34

Tgt Ion:180 Resp: 399528
Ion Ratio Lower Upper
180 100
182 95.0 76.7 115.1
145 32.8 27.0 40.4

