

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036625.D
 Acq On : 22 Jul 2024 11:26
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 01:55:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:49:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	429537	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	420702	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	244634	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	104696	22.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
7) Chloroethane-d5	1.526	69	98423	23.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.640%
11) 1,1-Dichloroethene-d2	2.050	65	56002	22.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.040%
21) 2-Butanone-d5	3.844	46	44717	40.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.460%
24) Chloroform-d	4.243	84	263655	23.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	4.937	65	131262	23.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.680%
32) Benzene-d6	4.953	84	479420	24.044	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.160%
36) 1,2-Dichloropropane-d6	5.982	67	133981	23.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	7.239	98	470325	24.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.880%
43) trans-1,3-Dichloroprop...	7.551	79	60466	23.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.760%
47) 2-Hexanone-d5	8.030	63	38027	50.295	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	114248	23.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	199992	23.419	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	199198	27.345	ug/L	99
3) Chloromethane	1.211	50	149779	26.725	ug/L	98
5) Vinyl chloride	1.275	62	191142	27.579	ug/L	100
6) Bromomethane	1.481	94	149370	26.956	ug/L	98
8) Chloroethane	1.542	64	120074	26.734	ug/L	98
9) Trichlorofluoromethane	1.706	101	325701	27.065	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	199515	26.647	ug/L	100
12) 1,1-Dichloroethene	2.060	96	179489	27.086	ug/L	97
13) Acetone	2.159	43	84984	47.650	ug/L	93
14) Carbon disulfide	2.230	76	521172	28.337	ug/L	100
15) Methyl Acetate	2.384	43	48431	23.276	ug/L	99
16) Methylene chloride	2.439	84	187916	23.513	ug/L	96
17) trans-1,2-Dichloroethene	2.683	96	181545	27.128	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	359475	25.611	ug/L	100
19) 1,1-Dichloroethane	3.101	63	278392	26.515	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	185542	26.548	ug/L	97
22) 2-Butanone	3.918	43	70592	46.629	ug/L	89
23) Bromochloromethane	4.140	128	96829	26.070	ug/L	99
25) Chloroform	4.265	83	329219	25.977	ug/L	99

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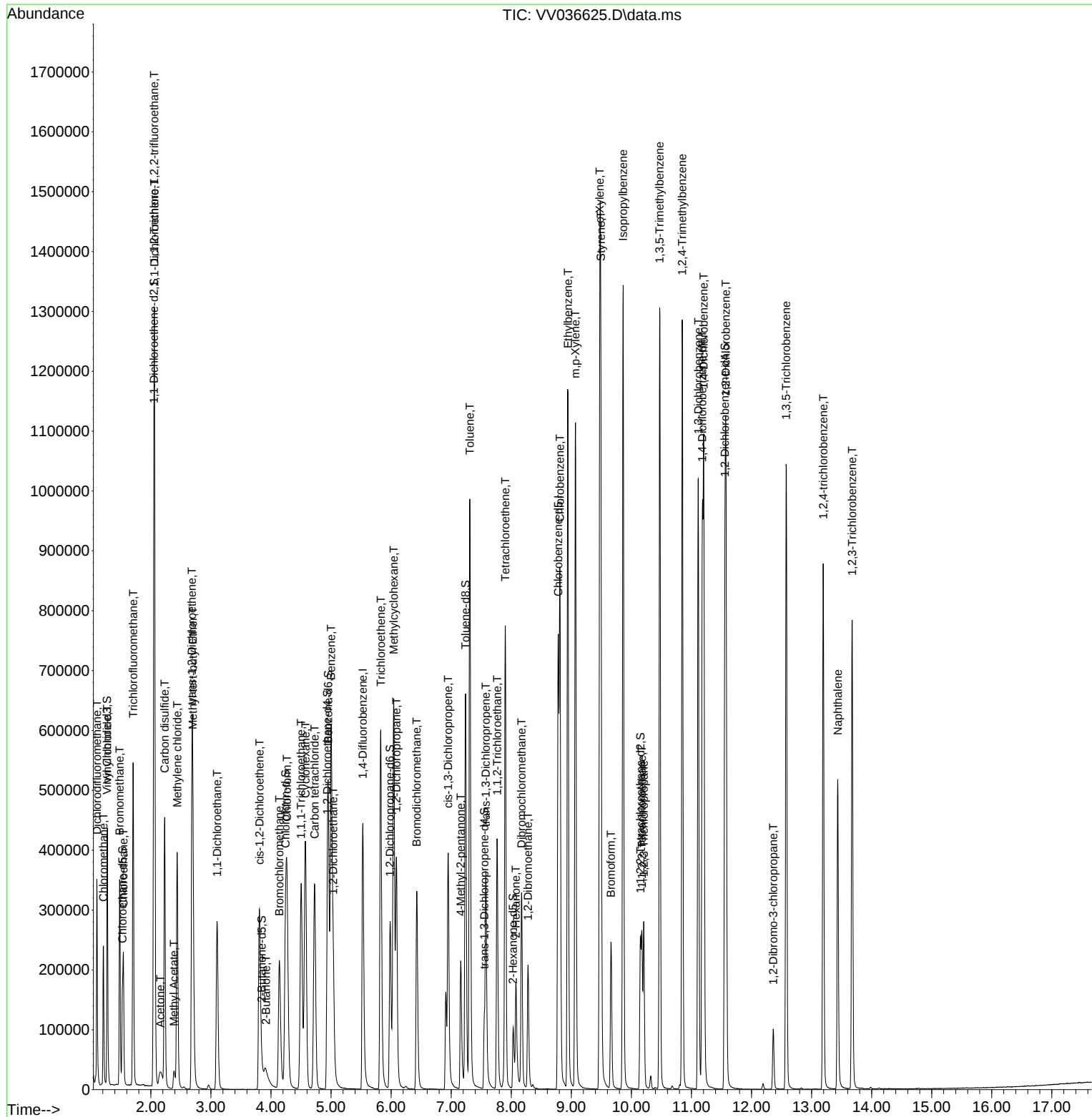
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	196781	25.876	ug/L	98
29) Cyclohexane	4.574	56	218321	29.107	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	296739	27.264	ug/L	100
31) Carbon tetrachloride	4.725	117	276190	27.160	ug/L	99
33) Benzene	5.002	78	660380	27.641	ug/L	100
34) Trichloroethene	5.828	95	212847	27.223	ug/L	98
35) Methylcyclohexane	6.043	83	299357	28.755	ug/L	100
37) 1,2-Dichloropropane	6.088	63	148862	27.074	ug/L	100
38) Bromodichloromethane	6.426	83	233584	26.056	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	255926	28.348	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	134174	52.258	ug/L	99
42) Toluene	7.310	91	758026	28.645	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	219078	27.021	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	139166	25.952	ug/L	98
46) Tetrachloroethene	7.902	164	189625	24.441	ug/L	99
48) 2-Hexanone	8.079	43	112669	55.969	ug/L	98
49) Dibromochloromethane	8.172	129	177482	26.270	ug/L	99
50) 1,2-Dibromoethane	8.278	107	142279	26.409	ug/L	99
51) Chlorobenzene	8.809	112	512433	26.745	ug/L	99
52) Ethylbenzene	8.944	91	829652	28.502	ug/L	99
53) m,p-Xylene	9.069	106	331802	29.196	ug/L	99
54) o-Xylene	9.474	106	310547	28.440	ug/L	100
55) Styrene	9.490	104	542928	29.323	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	120602	24.822	ug/L	99
59) Bromoform	9.661	173	119186	25.869	ug/L	98
60) Isopropylbenzene	9.863	105	859844	28.722	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	109444	25.378	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	695524	29.785	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	691705	29.263	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	445437	26.617	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	454590	26.377	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	407511	26.189	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	25143	24.757	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	350669	26.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	282144	26.311	ug/L	100
71) Naphthalene	13.435	128	427456	26.796	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	258848	26.752	ug/L	98

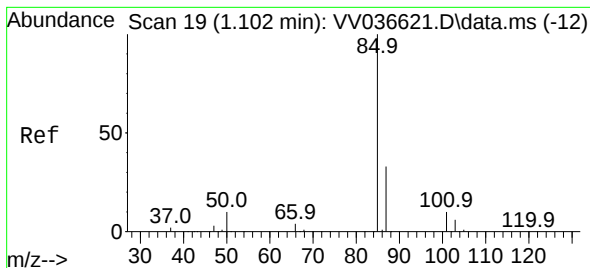
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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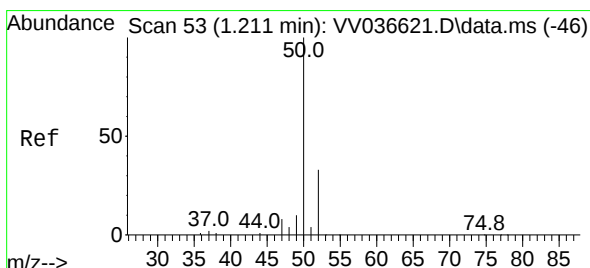
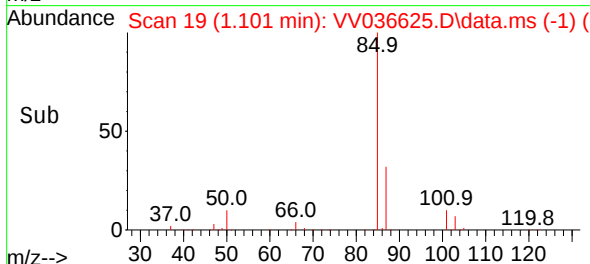
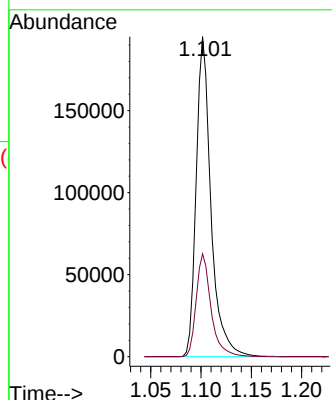
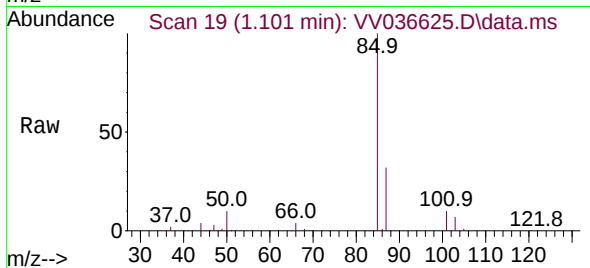




#2
 Dichlorodifluoromethane
 Concen: 27.345 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036625.D
 Acq: 22 Jul 2024 11:26

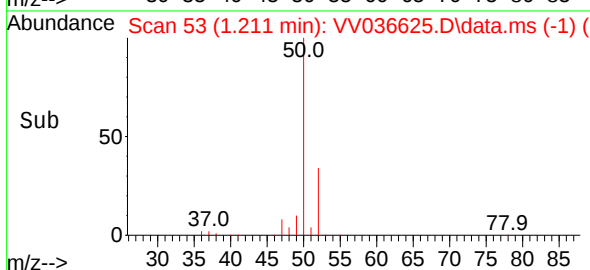
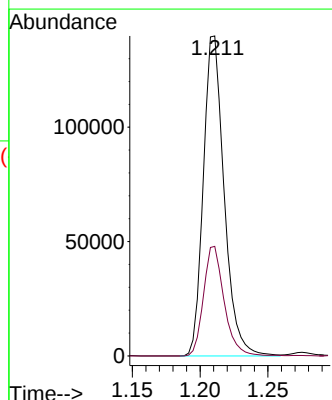
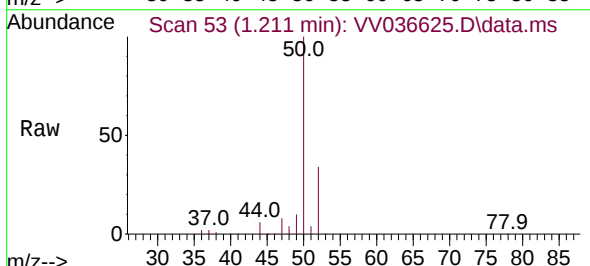
Instrument :
 MSVOA_V
 ClientSampleId :

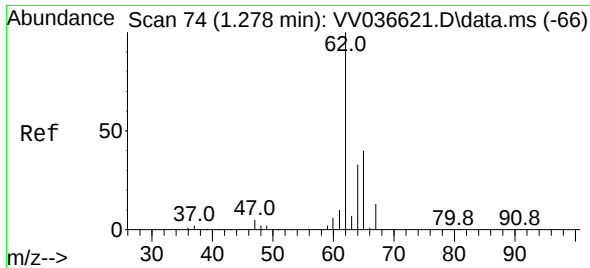
Tgt Ion: 85 Resp: 199198
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#3
 Chloromethane
 Concen: 26.725 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036625.D
 Acq: 22 Jul 2024 11:26

Tgt Ion: 50 Resp: 149779
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.3 43.3

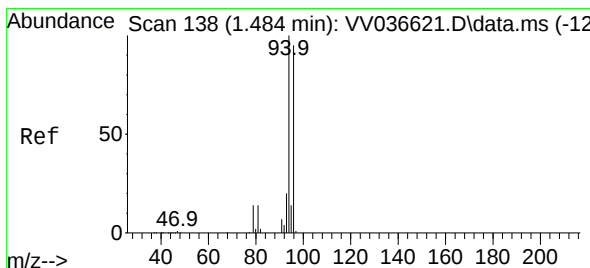
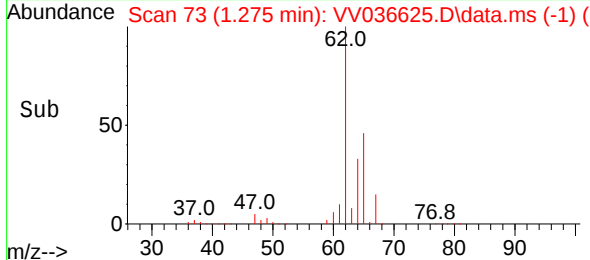
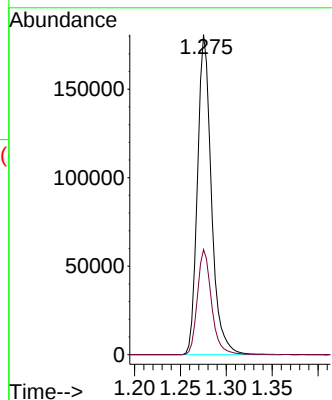
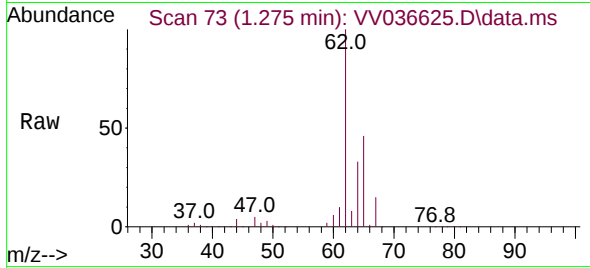




#5
 Vinyl chloride
 Concen: 27.579 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036625.D
 Acq: 22 Jul 2024 11:26

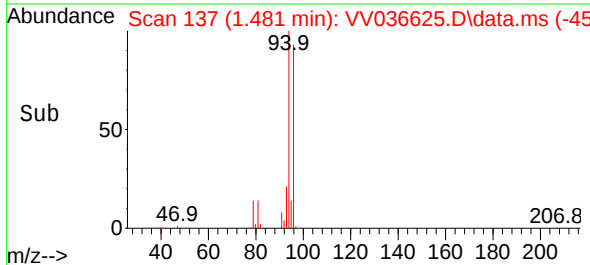
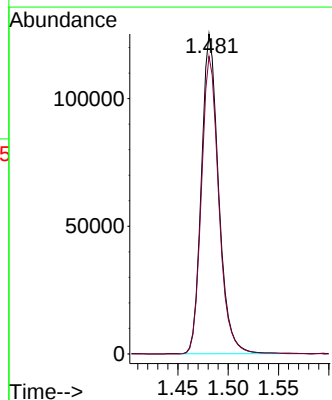
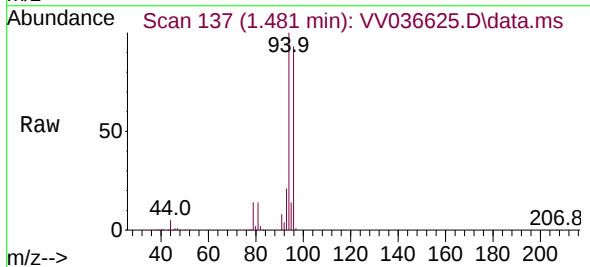
Instrument :
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 ClientSampleId :

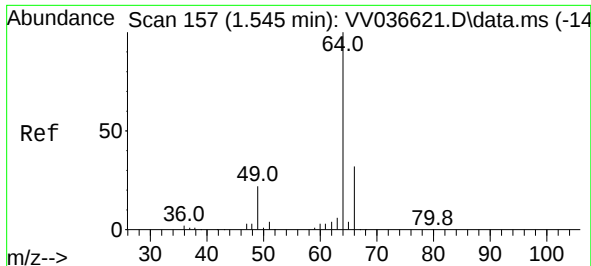
Tgt Ion: 62 Resp: 191142
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 26.956 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036625.D
 Acq: 22 Jul 2024 11:26

Tgt Ion: 94 Resp: 149370
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.6 123.6

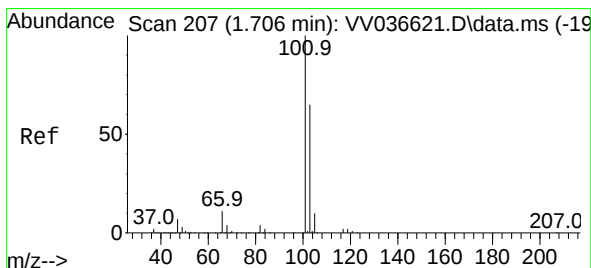
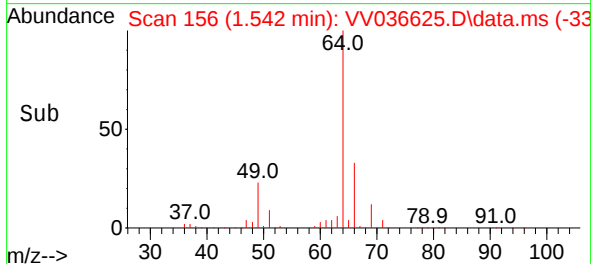
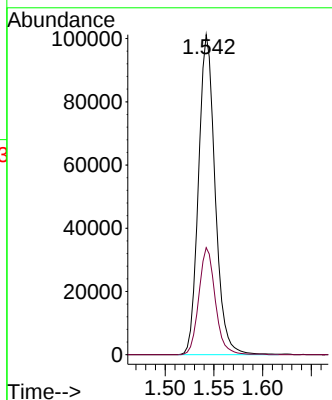
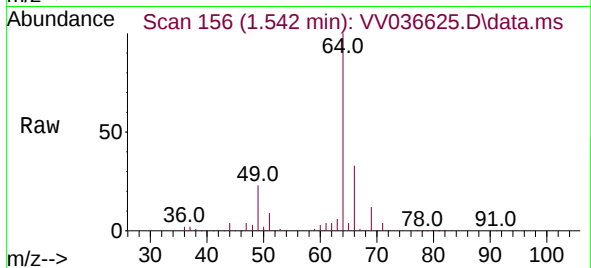




#8
Chloroethane
Concen: 26.734 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

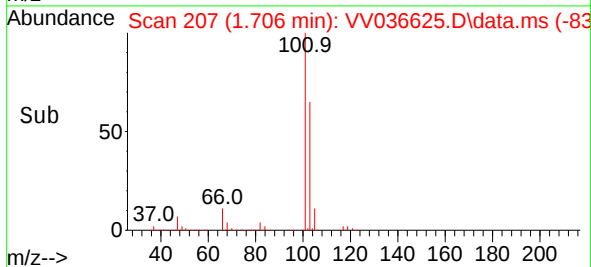
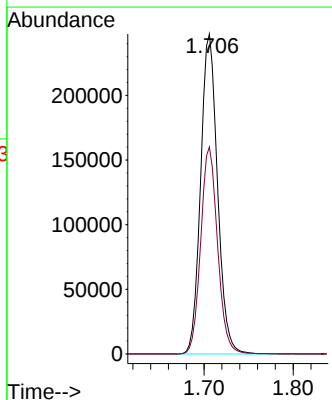
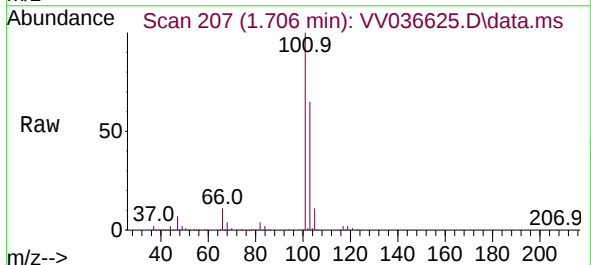
Instrument :
MSVOA_V
ClientSampleId :

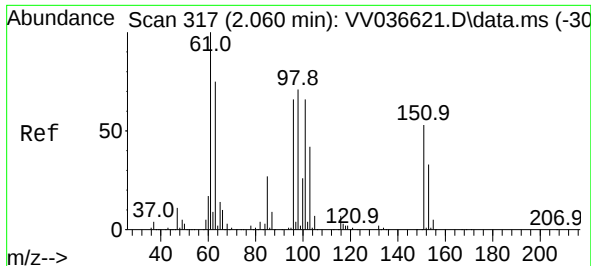
Tgt Ion: 64 Resp: 120074
Ion Ratio Lower Upper
64 100
66 33.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 27.065 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

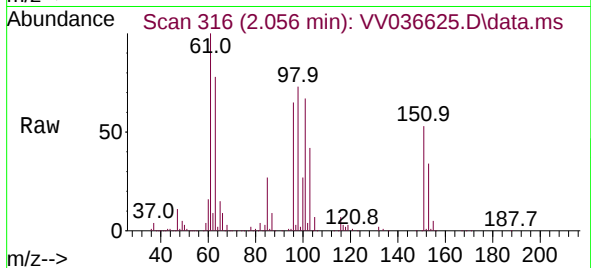
Tgt Ion:101 Resp: 325701
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4



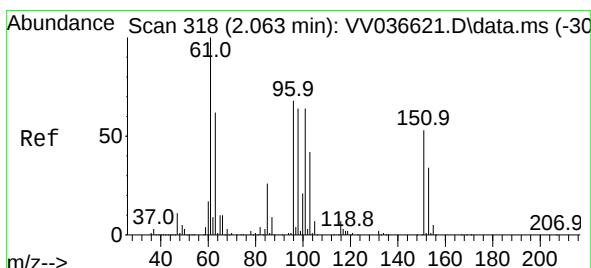
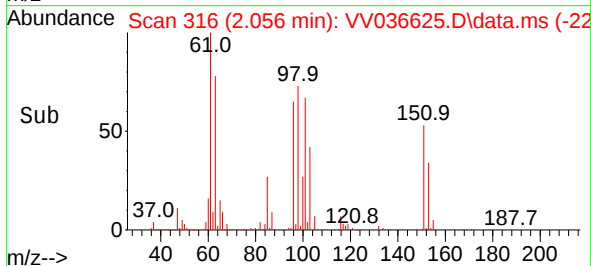
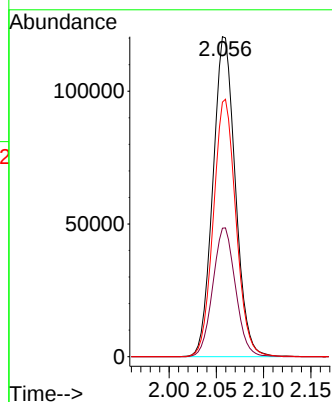


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.647 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Instrument :
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ClientSampleId :

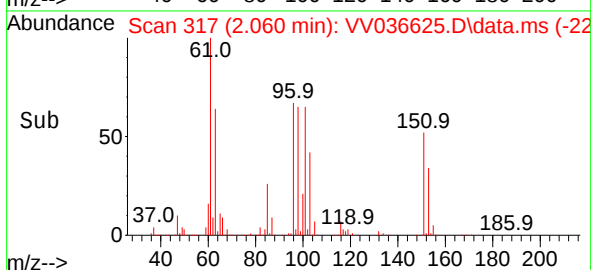
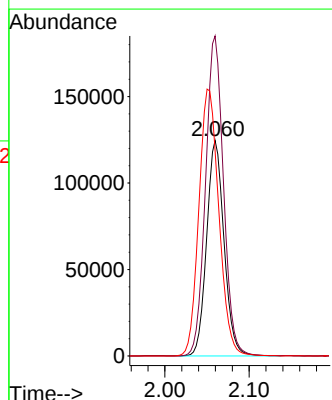
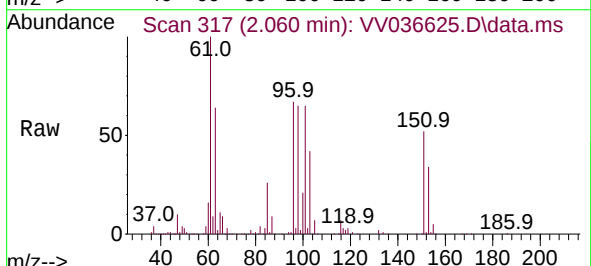


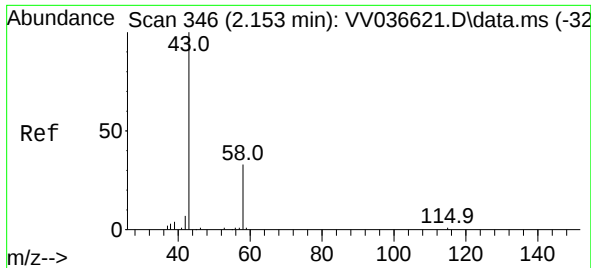
Tgt Ion:101 Resp: 199515
Ion Ratio Lower Upper
101 100
85 40.7 32.4 48.6
151 80.9 64.9 97.3



#12
1,1-Dichloroethene
Concen: 27.086 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 96 Resp: 179489
Ion Ratio Lower Upper
96 100
61 148.5 102.3 189.9
63 95.4 64.1 119.1





#13

Acetone

Concen: 47.650 ug/L

RT: 2.159 min Scan# 346

Delta R.T. 0.006 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

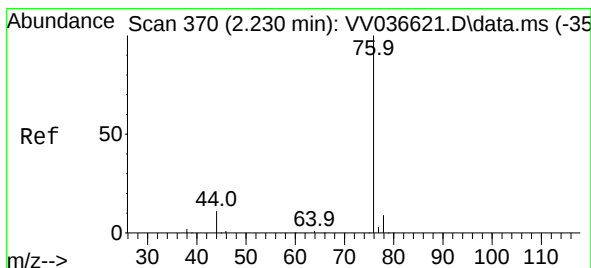
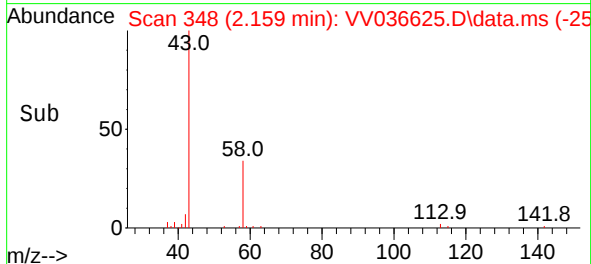
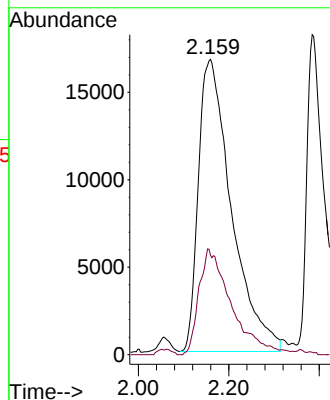
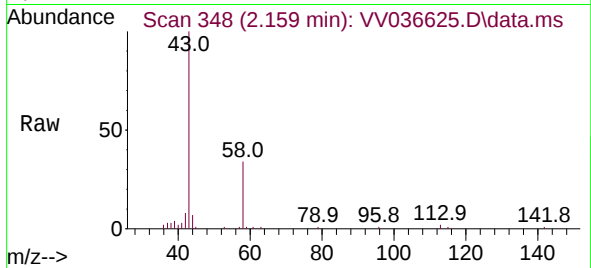
ClientSampleId :

Tgt Ion: 43 Resp: 84984

Ion Ratio Lower Upper

43 100

58 14.1 0.0 23.0



#14

Carbon disulfide

Concen: 28.337 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

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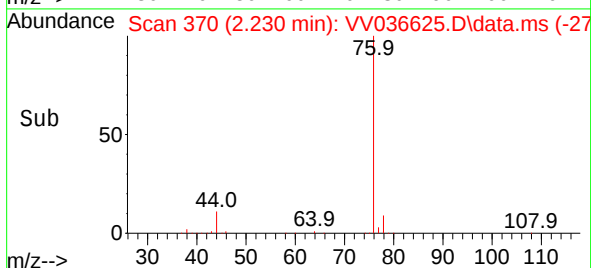
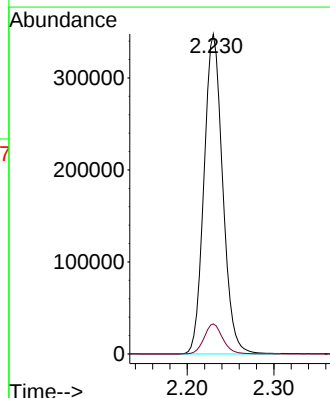
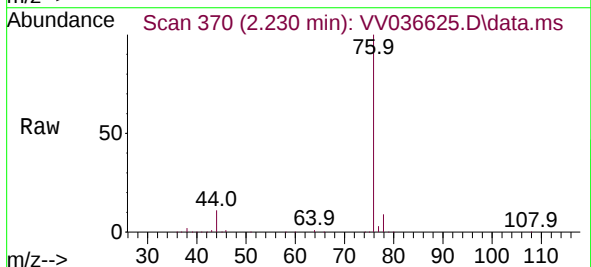
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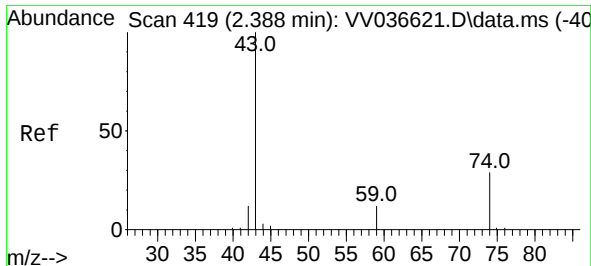
Tgt Ion: 76 Resp: 521172

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 23.276 ug/L

RT: 2.384 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

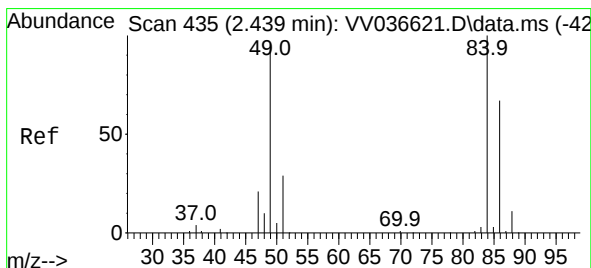
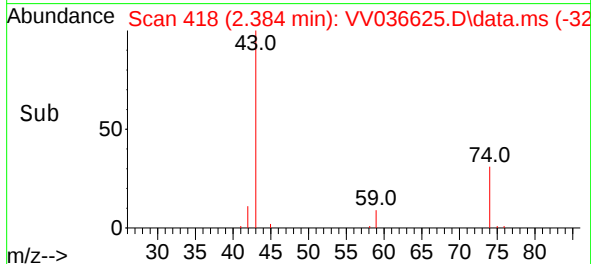
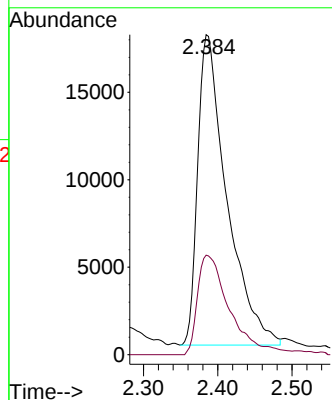
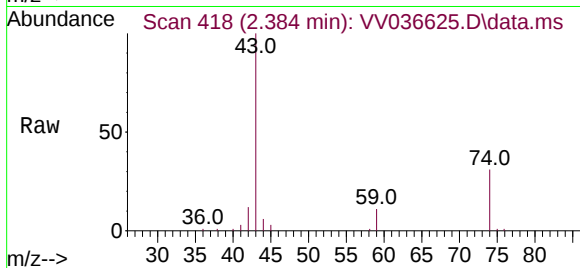
ClientSampleId :

Tgt Ion: 43 Resp: 48431

Ion Ratio Lower Upper

43 100

74 33.9 27.8 41.8



#16

Methylene chloride

Concen: 23.513 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

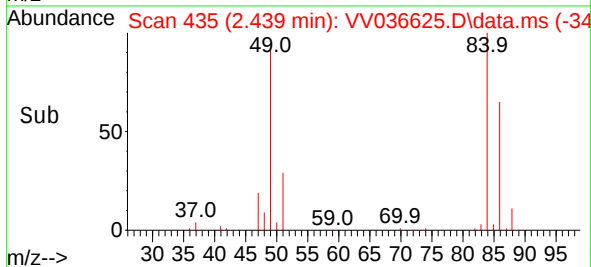
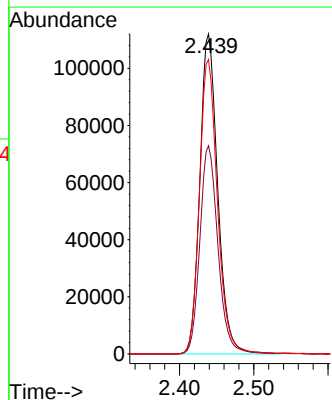
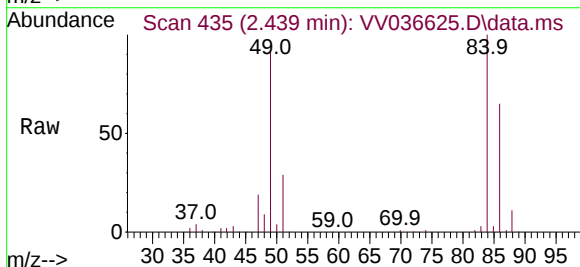
Tgt Ion: 84 Resp: 187916

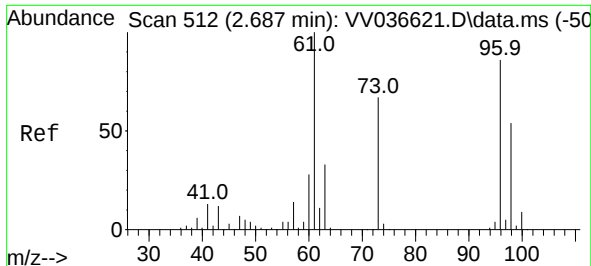
Ion Ratio Lower Upper

84 100

86 65.1 47.2 87.6

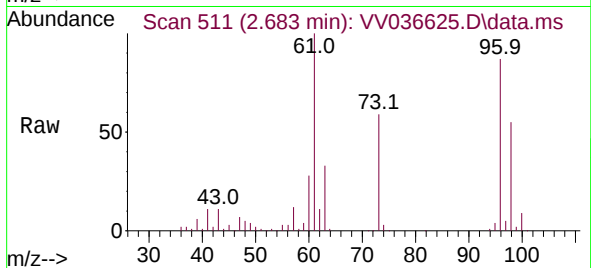
49 92.0 67.3 125.1



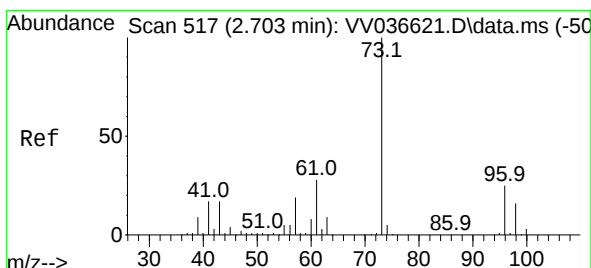
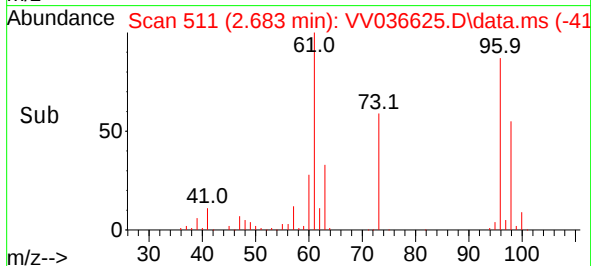
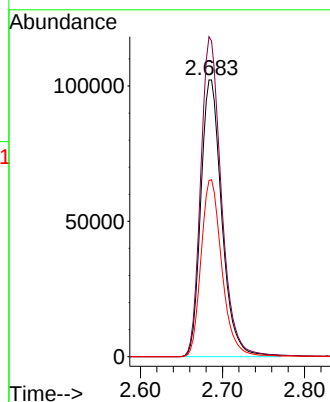


#17
trans-1,2-Dichloroethene
Concen: 27.128 ug/L
RT: 2.683 min Scan# 511
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Instrument :
MSVOA_V
ClientSampleId :

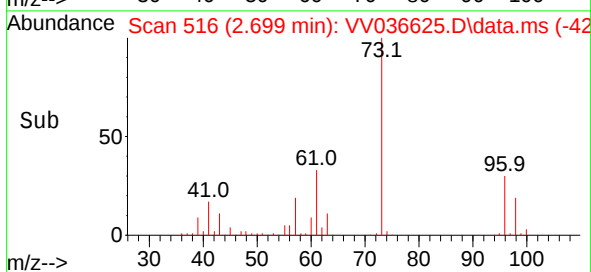
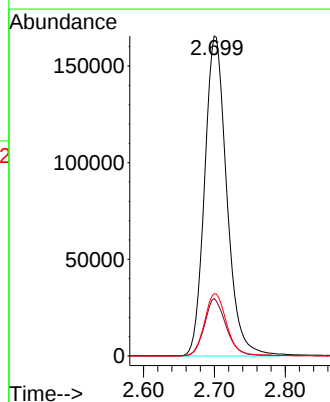
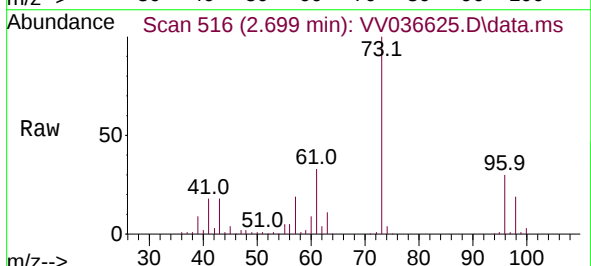


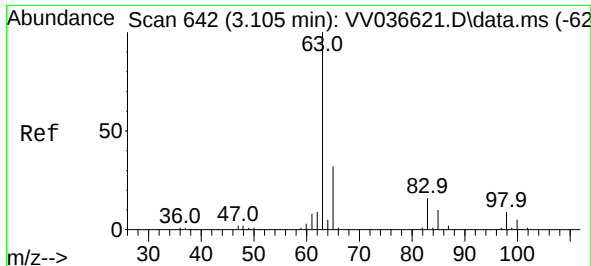
Tgt Ion: 96 Resp: 181545
Ion Ratio Lower Upper
96 100
61 115.6 81.5 151.5
98 63.6 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 25.611 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 73 Resp: 359475
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 19.5 15.4 23.2

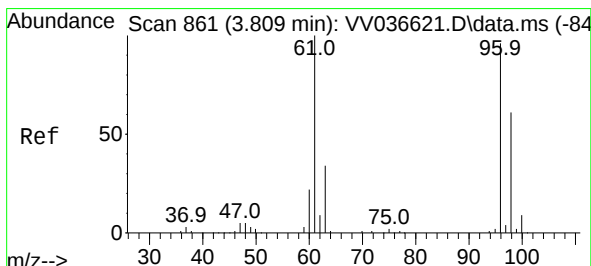
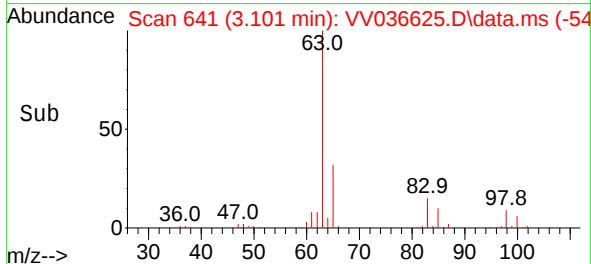
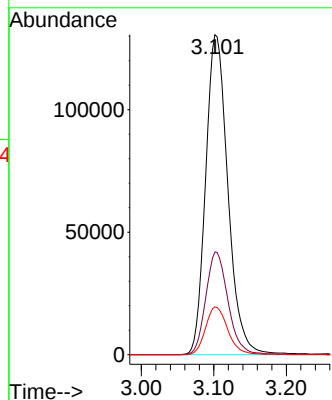
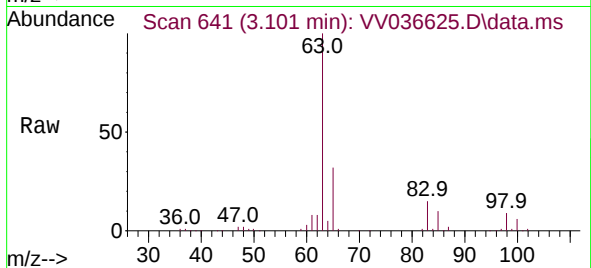




#19
1,1-Dichloroethane
Concen: 26.515 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

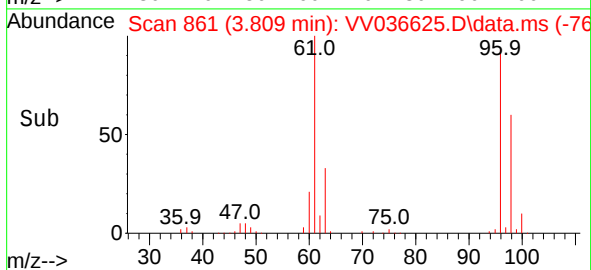
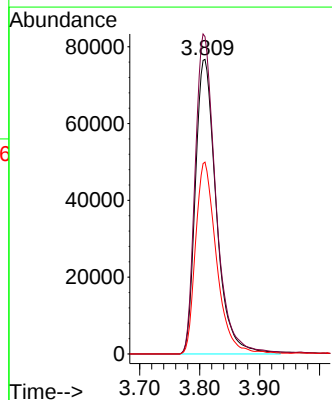
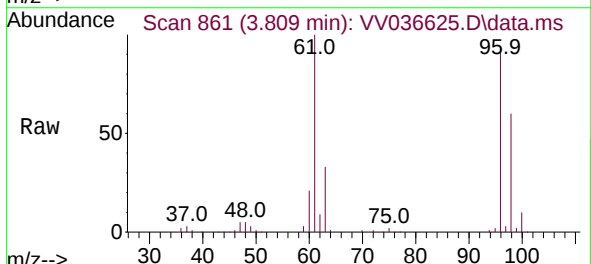
Instrument :
MSVOA_V
ClientSampleId :

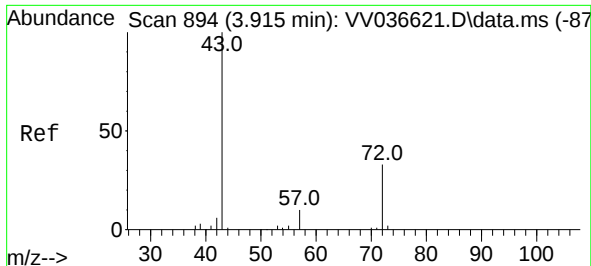
Tgt Ion: 63 Resp: 278392
Ion Ratio Lower Upper
63 100
65 32.1 22.7 42.1
83 14.9 11.1 20.7



#20
cis-1,2-Dichloroethene
Concen: 26.548 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 96 Resp: 185542
Ion Ratio Lower Upper
96 100
61 107.7 73.0 135.6
98 65.1 44.8 83.2

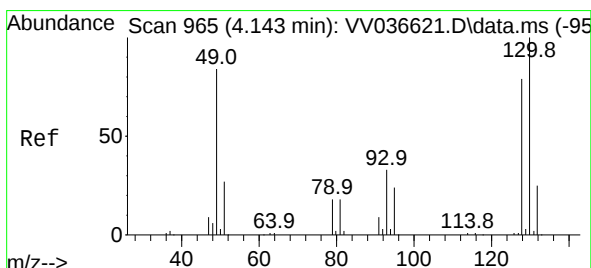
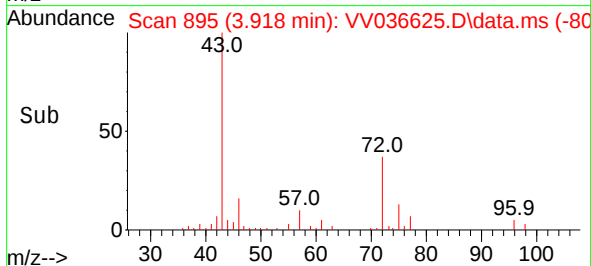
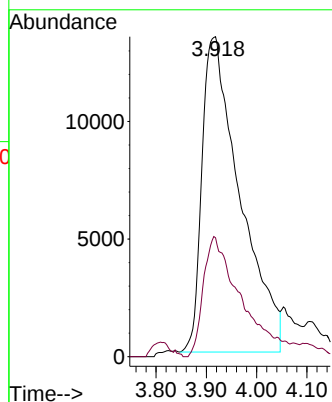
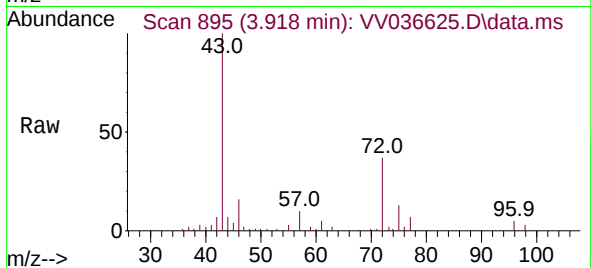




#22
2-Butanone
Concen: 46.629 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

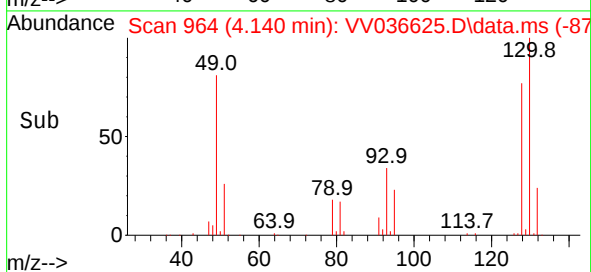
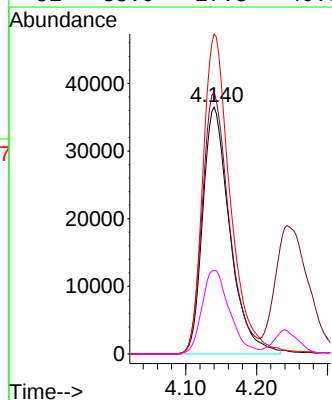
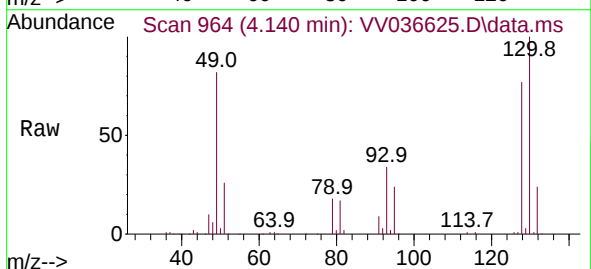
Instrument :
MSVOA_V
ClientSampleId :

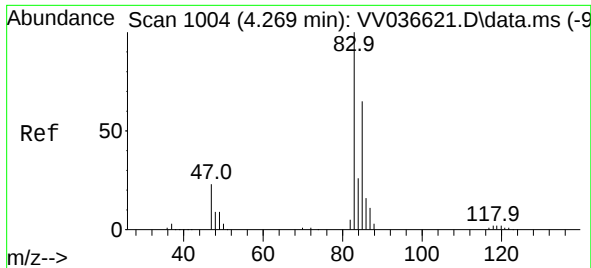
Tgt Ion: 43 Resp: 70592
Ion Ratio Lower Upper
43 100
72 36.1 15.2 45.5



#23
Bromochloromethane
Concen: 26.070 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 128 Resp: 96829
Ion Ratio Lower Upper
128 100
49 106.0 74.4 138.2
130 129.7 88.6 164.6
51 33.9 27.3 40.9

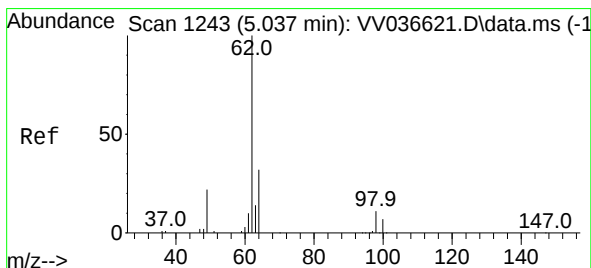
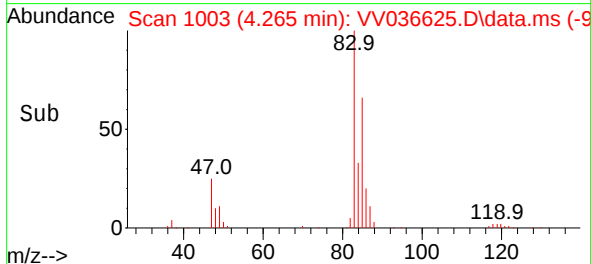
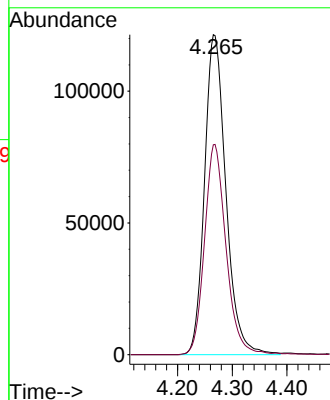
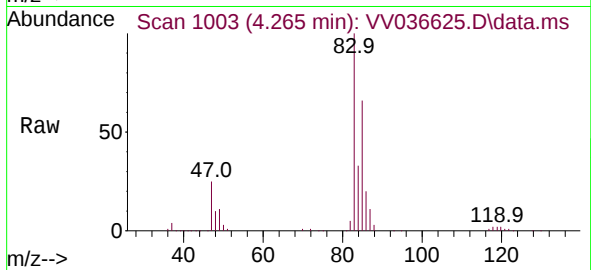




#25
Chloroform
Concen: 25.977 ug/L
RT: 4.265 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

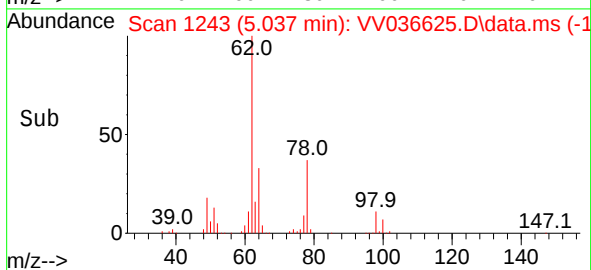
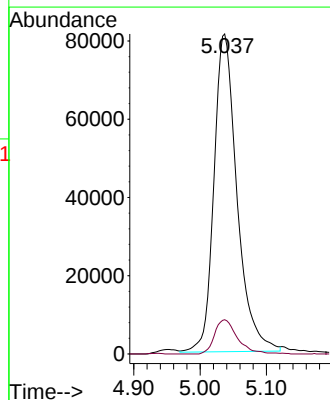
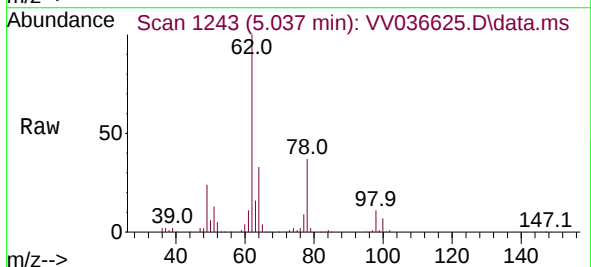
Instrument :
MSVOA_V
ClientSampleId :

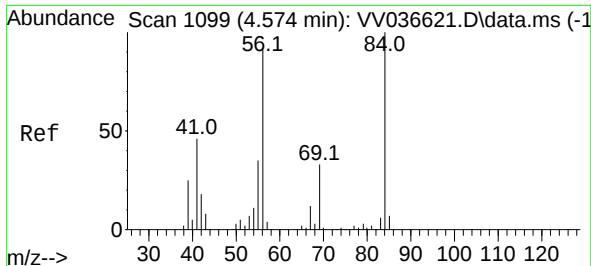
Tgt Ion: 83 Resp: 329219
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 25.876 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 62 Resp: 196781
Ion Ratio Lower Upper
62 100
98 10.7 9.0 13.6





#29

Cyclohexane

Concen: 29.107 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

ClientSampleId :

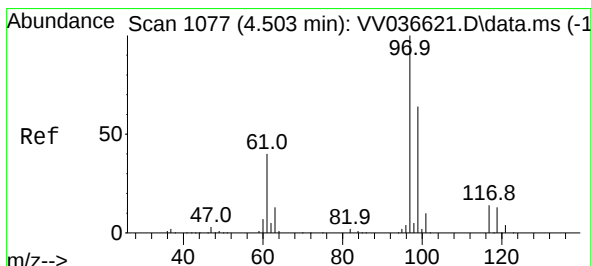
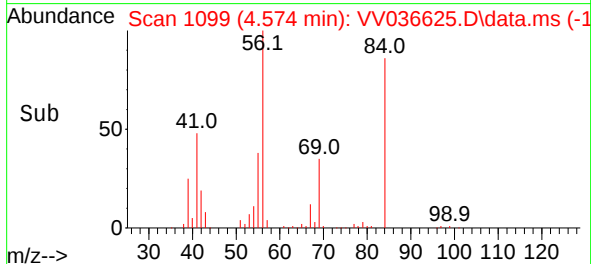
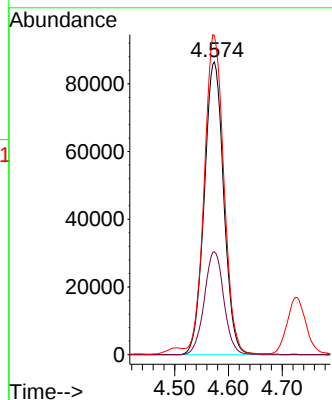
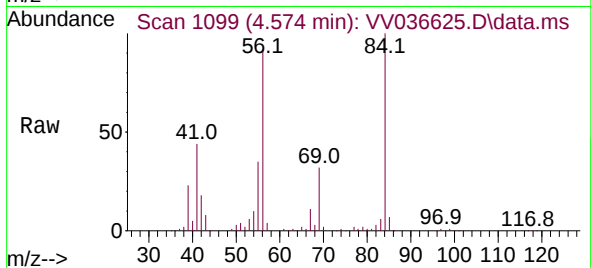
Tgt Ion: 56 Resp: 218321

Ion Ratio Lower Upper

56 100

69 35.2 28.5 42.7

84 109.5 88.6 132.8



#30

1,1,1-Trichloroethane

Concen: 27.264 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

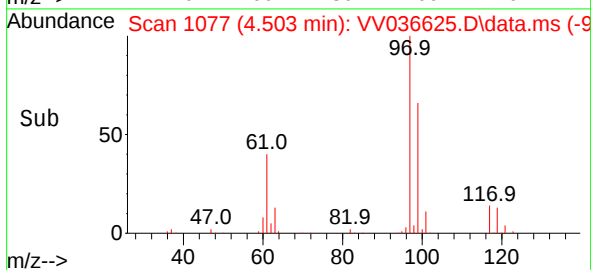
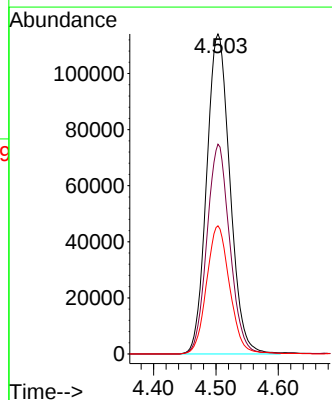
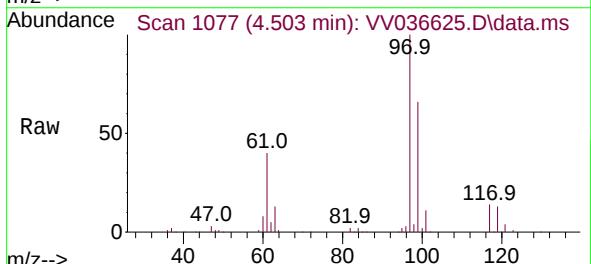
Tgt Ion: 97 Resp: 296739

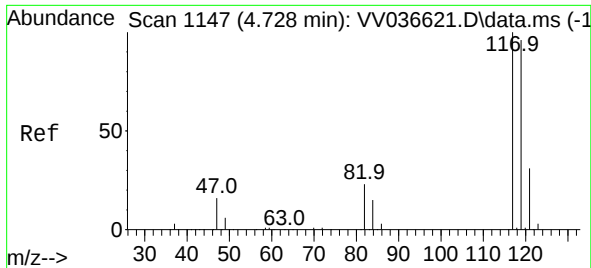
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 39.4 31.9 47.9

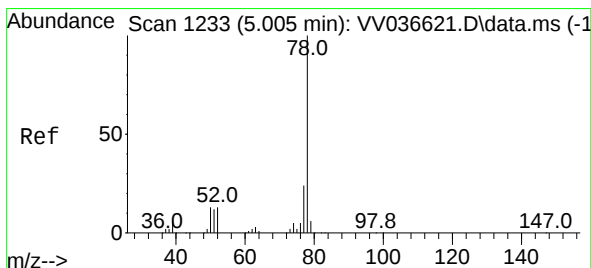
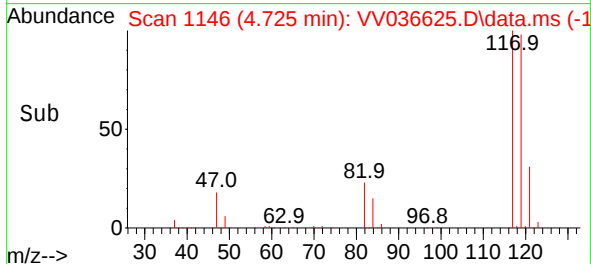
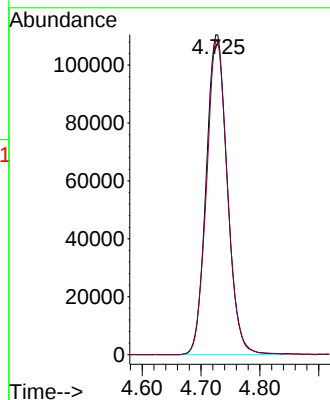
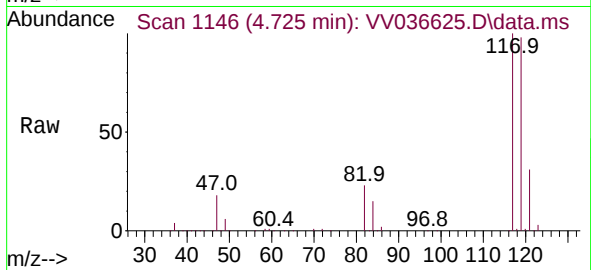




#31
Carbon tetrachloride
Concen: 27.160 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

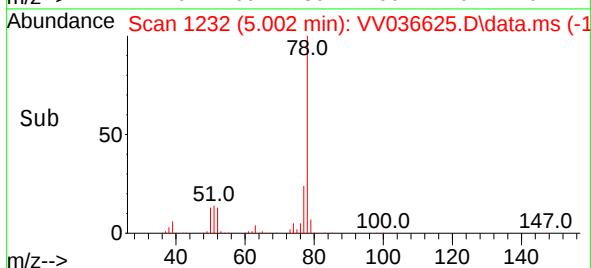
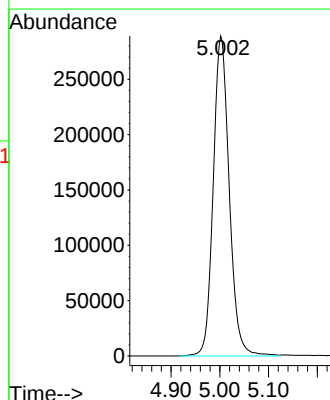
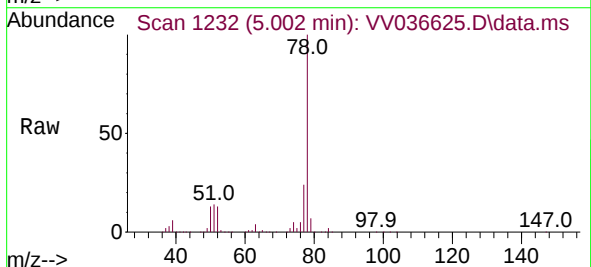
Instrument :
MSVOA_V
ClientSampleId :

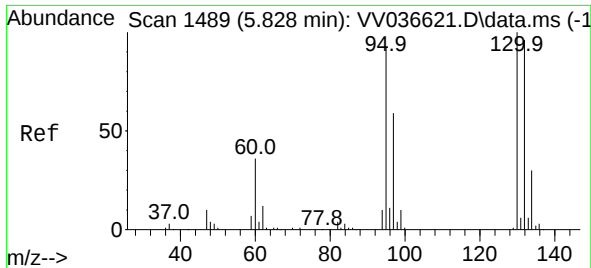
Tgt Ion:117 Resp: 276190
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0



#33
Benzene
Concen: 27.641 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 78 Resp: 660380

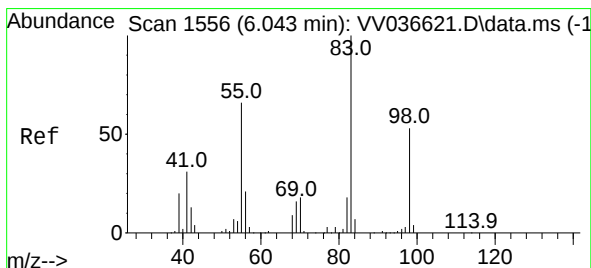
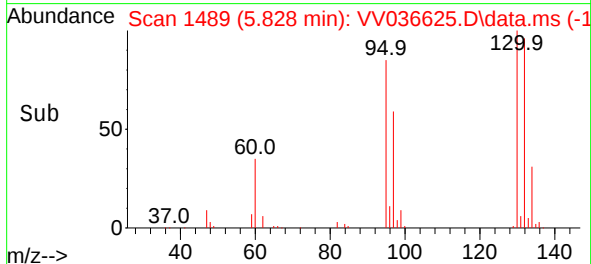
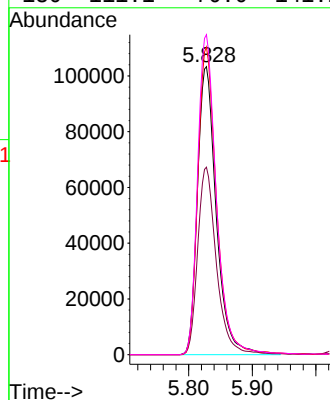
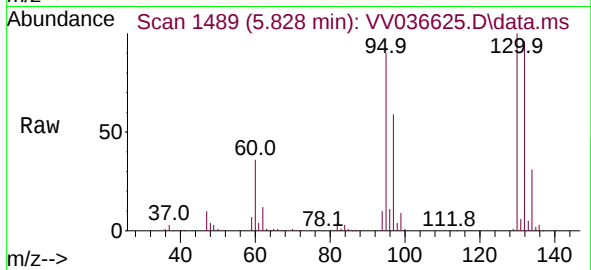




#34
Trichloroethene
Concen: 27.223 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

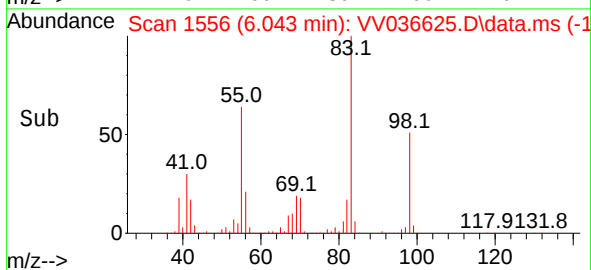
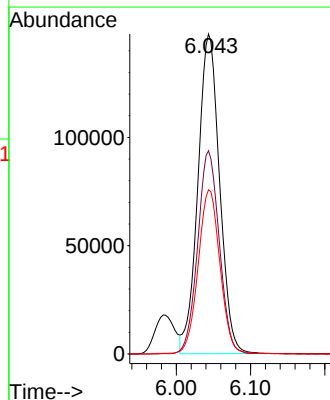
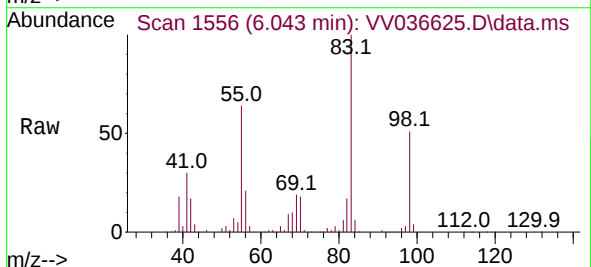
Instrument :
MSVOA_V
ClientSampleId :

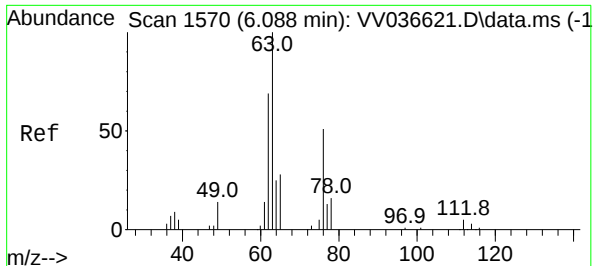
Tgt Ion: 95 Resp: 212847
Ion Ratio Lower Upper
95 100
97 65.1 45.1 83.7
132 106.9 72.7 134.9
130 111.1 76.0 141.2



#35
Methylcyclohexane
Concen: 28.755 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 83 Resp: 299357
Ion Ratio Lower Upper
83 100
55 63.3 50.8 76.2
98 51.5 41.3 61.9

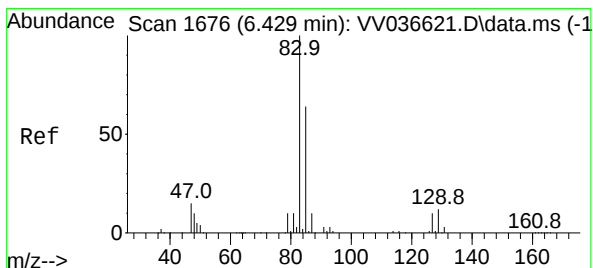
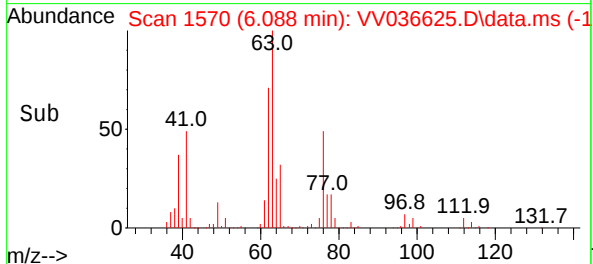
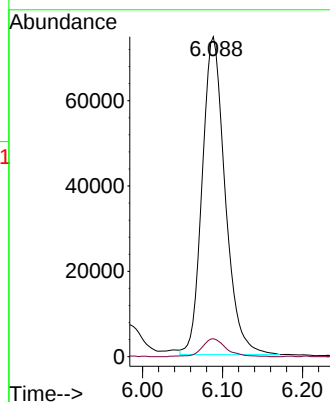
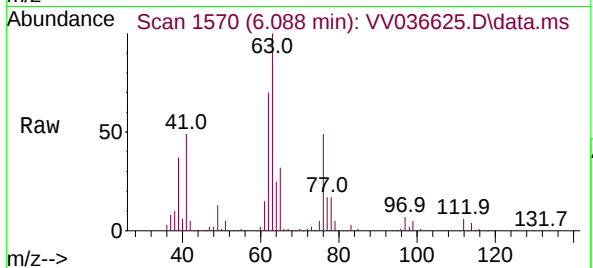




#37
1,2-Dichloropropane
Concen: 27.074 ug/L
RT: 6.088 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

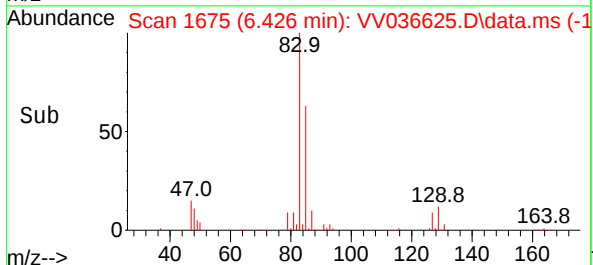
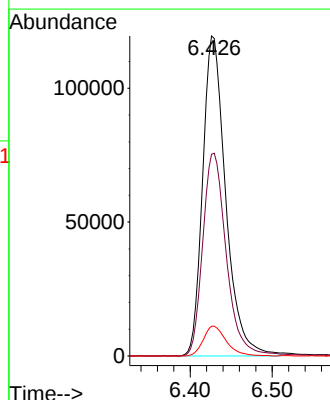
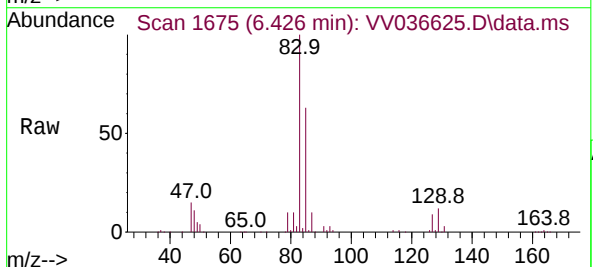
Instrument :
MSVOA_V
ClientSampleId :

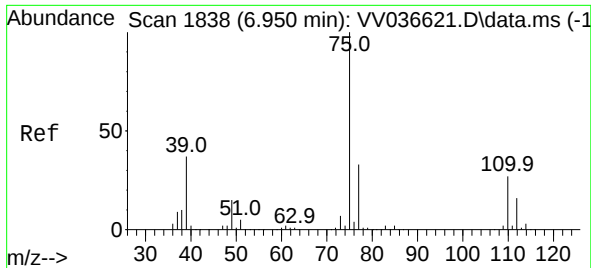
Tgt Ion: 63 Resp: 148862
Ion Ratio Lower Upper
63 100
112 6.0 4.8 7.2



#38
Bromodichloromethane
Concen: 26.056 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 83 Resp: 233584
Ion Ratio Lower Upper
83 100
85 63.1 44.6 82.8
127 9.3 7.8 11.6

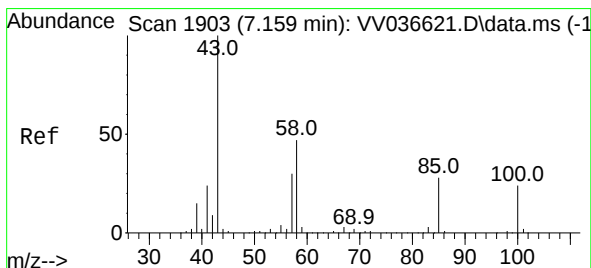
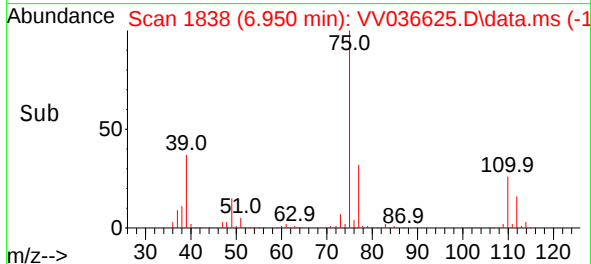
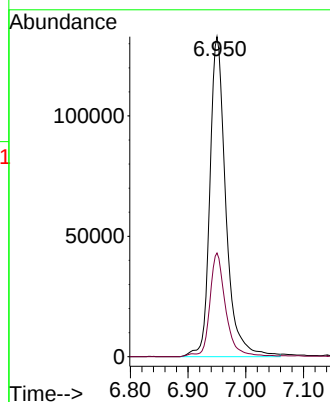
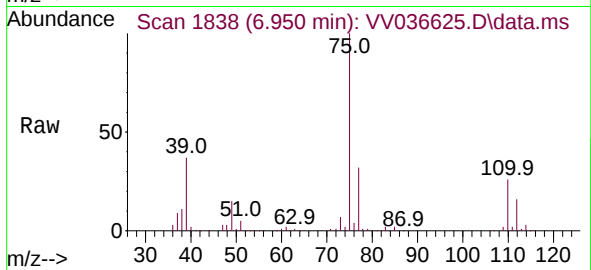




#39
 cis-1,3-Dichloropropene
 Concen: 28.348 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: VV036625.D
 Acq: 22 Jul 2024 11:26

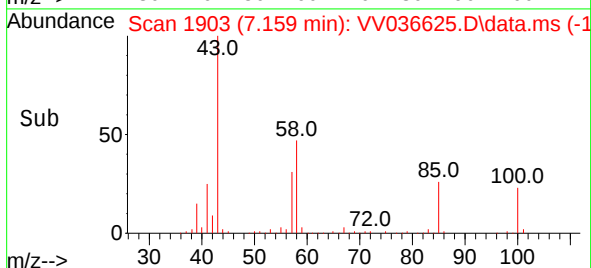
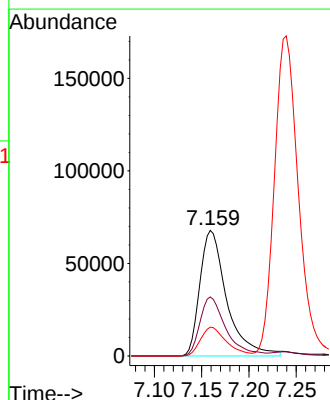
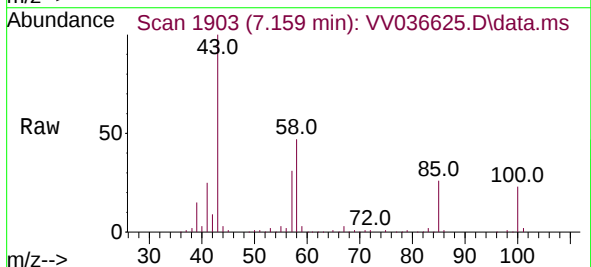
Instrument :
 MSVOA_V
 ClientSampleId :

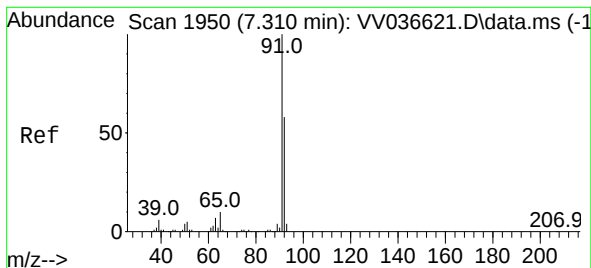
Tgt Ion: 75 Resp: 255926
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 52.258 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV036625.D
 Acq: 22 Jul 2024 11:26

Tgt Ion: 43 Resp: 134174
 Ion Ratio Lower Upper
 43 100
 58 45.5 36.6 54.8
 100 22.2 18.2 27.4





#42

Toluene

Concen: 28.645 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

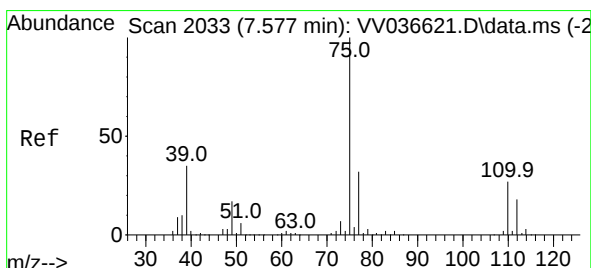
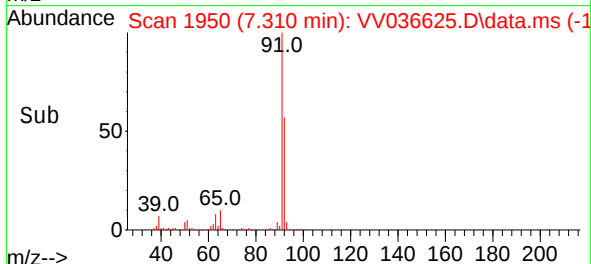
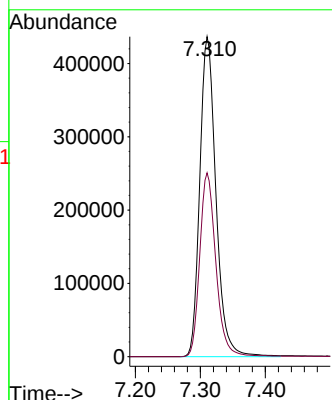
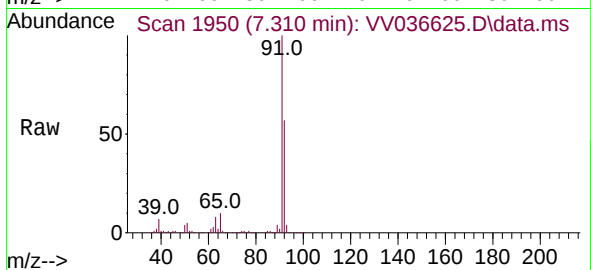
ClientSampleId :

Tgt Ion: 91 Resp: 758026

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 27.021 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036625.D

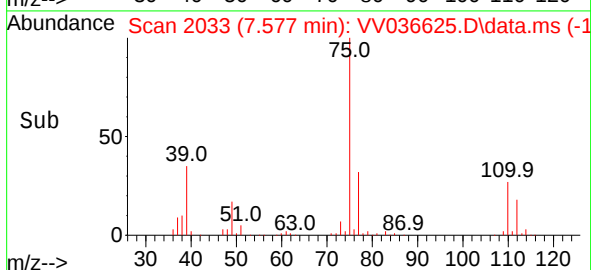
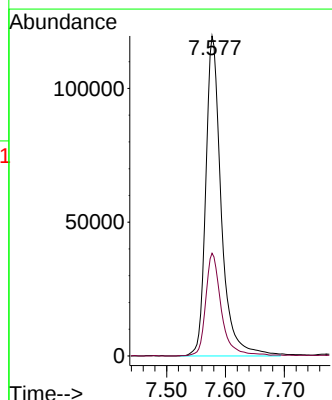
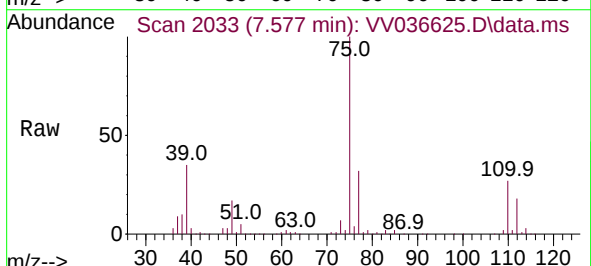
Acq: 22 Jul 2024 11:26

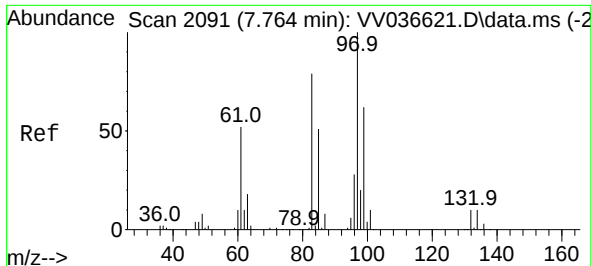
Tgt Ion: 75 Resp: 219078

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0

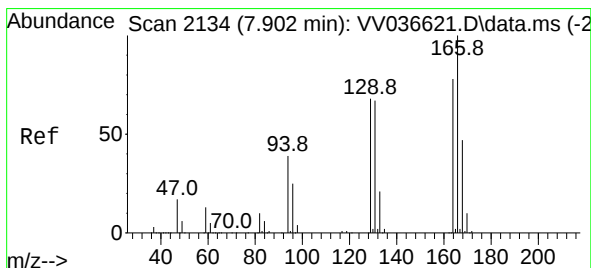
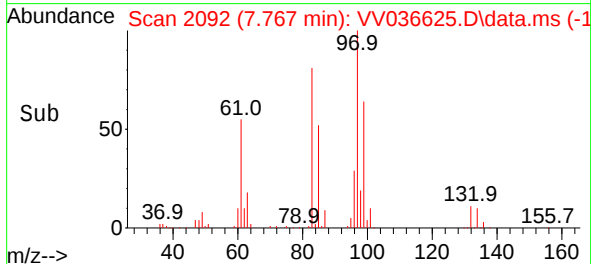
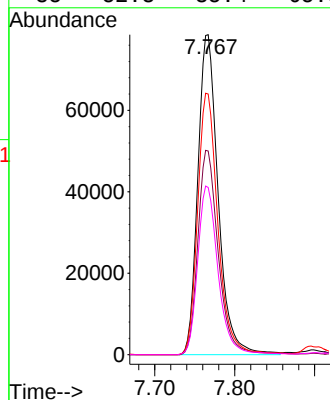
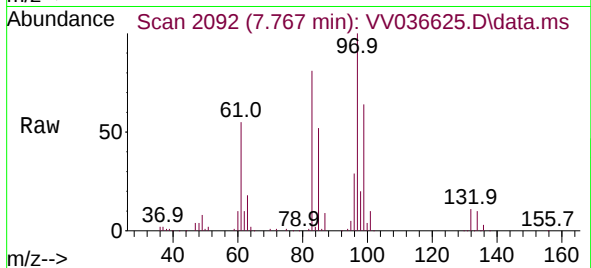




#45
1,1,2-Trichloroethane
Concen: 25.952 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

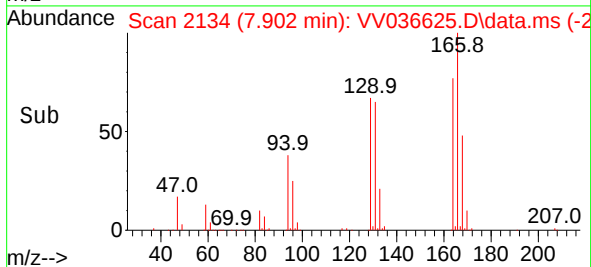
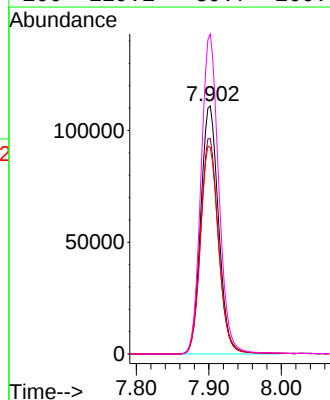
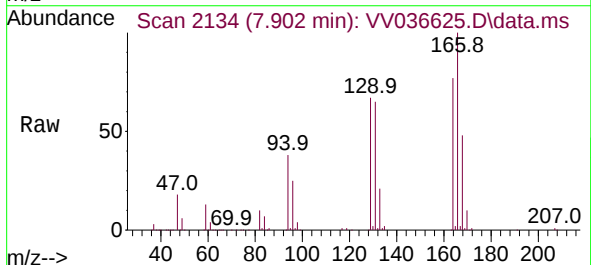
Instrument :
MSVOA_V
ClientSampleId :

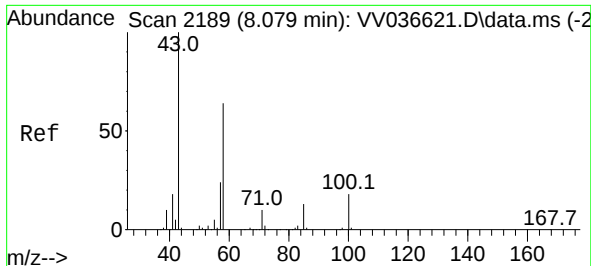
Tgt Ion:	97	Resp:	139166
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.5	80.7
83	81.4	55.4	103.0
85	52.3	35.4	65.8



#46
Tetrachloroethene
Concen: 24.441 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

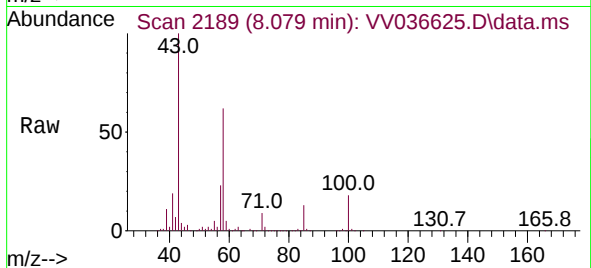
Tgt Ion:	164	Resp:	189625
Ion	Ratio	Lower	Upper
164	100		
129	86.8	61.0	113.2
131	83.3	60.1	111.5
166	129.1	89.7	166.7



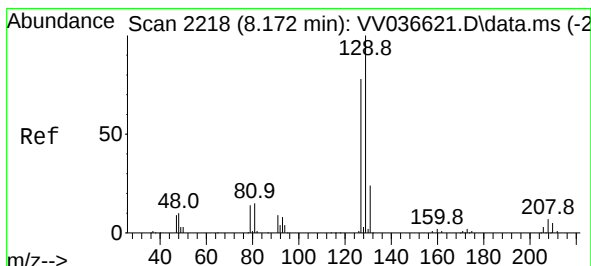
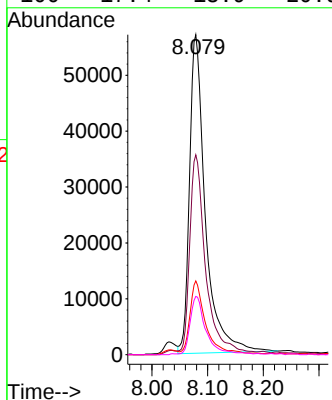
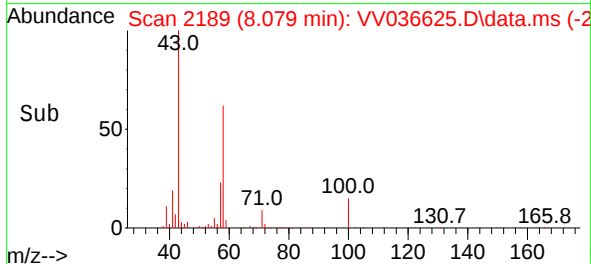


#48
2-Hexanone
Concen: 55.969 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Instrument :
MSVOA_V
ClientSampleId :

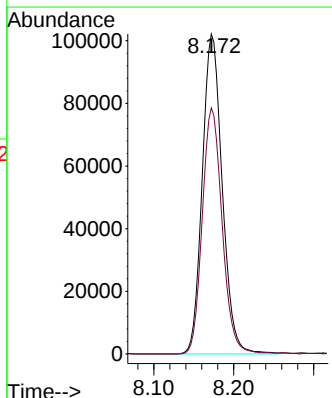
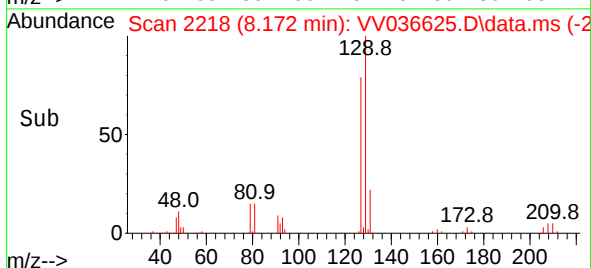
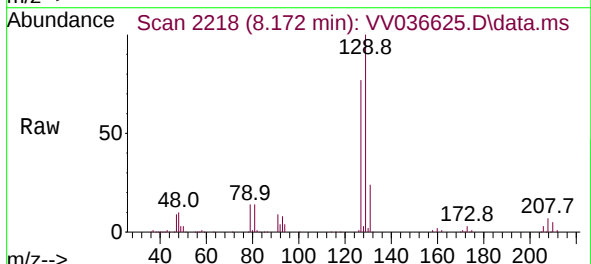


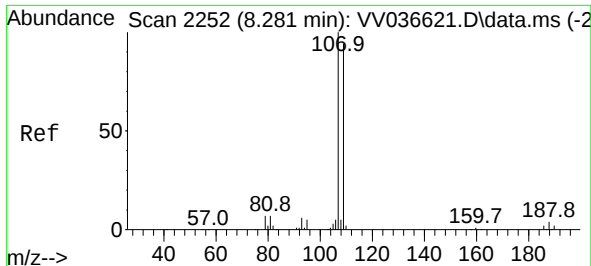
Tgt Ion: 43 Resp: 112669
Ion Ratio Lower Upper
43 100
58 61.5 50.6 75.8
57 20.4 17.7 26.5
100 17.4 13.9 20.9



#49
Dibromochloromethane
Concen: 26.270 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 129 Resp: 177482
Ion Ratio Lower Upper
129 100
127 76.9 54.3 100.9





#50

1,2-Dibromoethane

Concen: 26.409 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.003 min

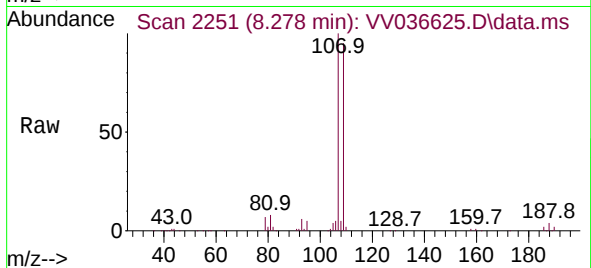
Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

ClientSampleId :



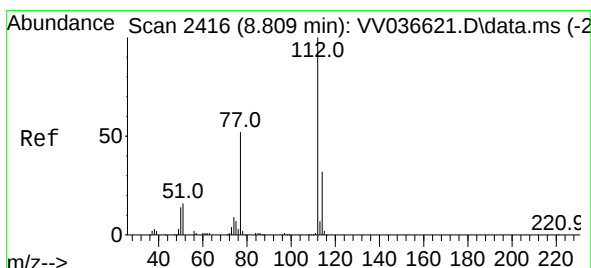
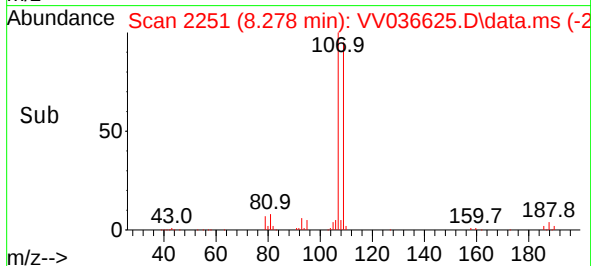
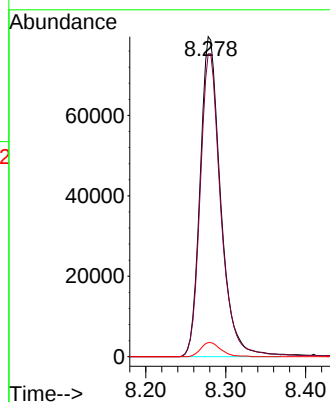
Tgt Ion:107 Resp: 142279

Ion Ratio Lower Upper

107 100

109 94.6 65.5 121.6

188 4.4 3.4 5.2



#51

Chlorobenzene

Concen: 26.745 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

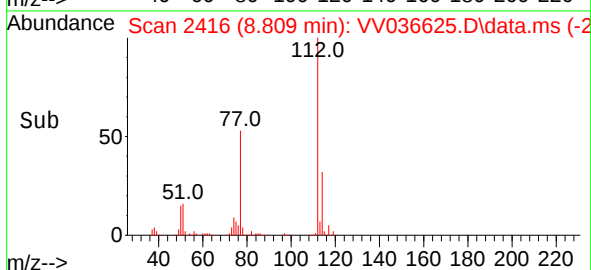
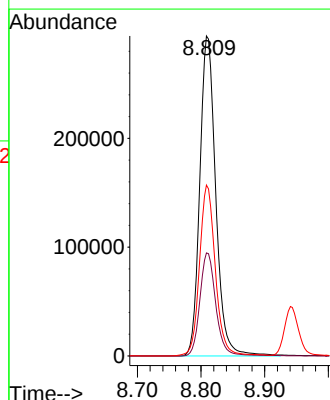
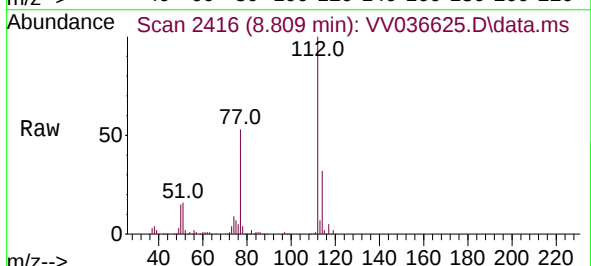
Tgt Ion:112 Resp: 512433

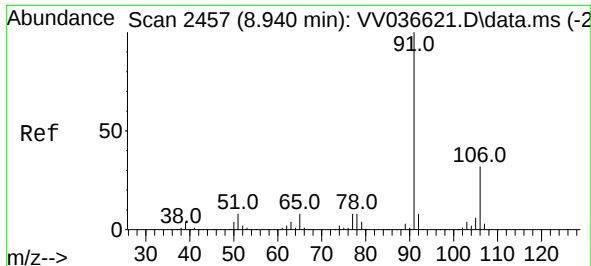
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 53.4 41.9 62.9





#52

Ethylbenzene

Concen: 28.502 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

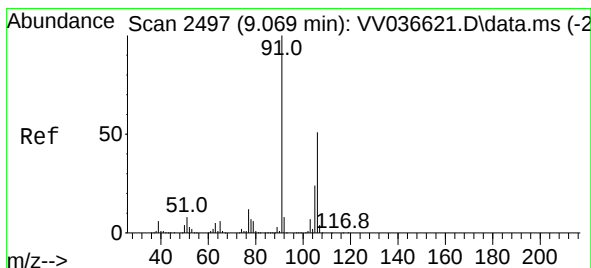
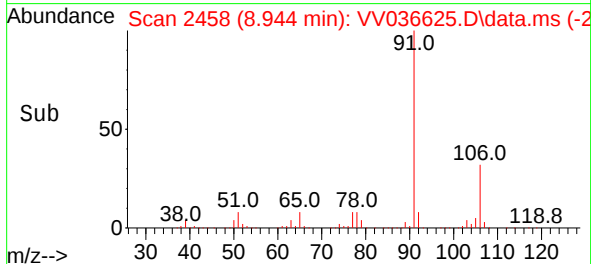
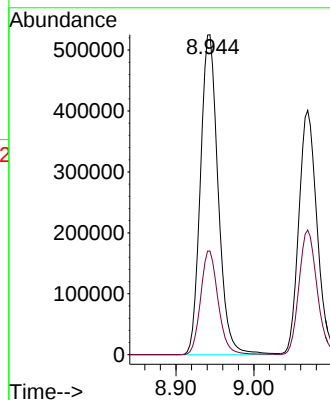
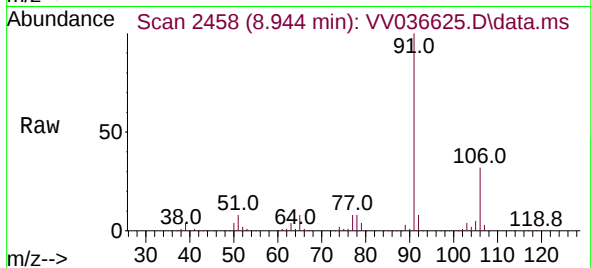
ClientSampleId :

Tgt Ion: 91 Resp: 829652

Ion Ratio Lower Upper

91 100

106 32.4 22.5 41.7



#53

m,p-Xylene

Concen: 29.196 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV036625.D

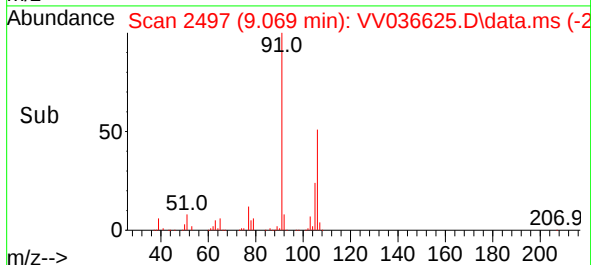
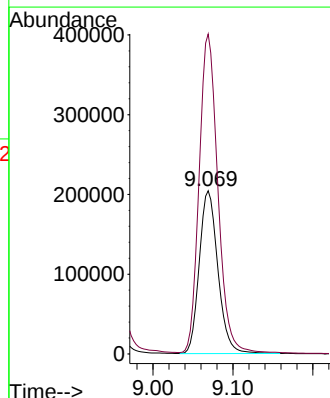
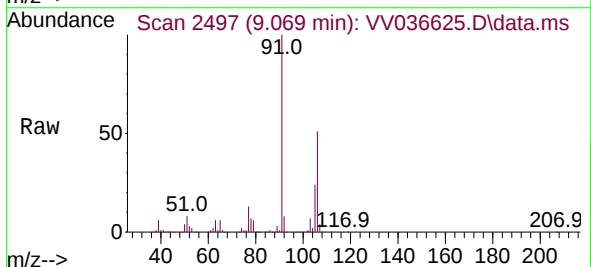
Acq: 22 Jul 2024 11:26

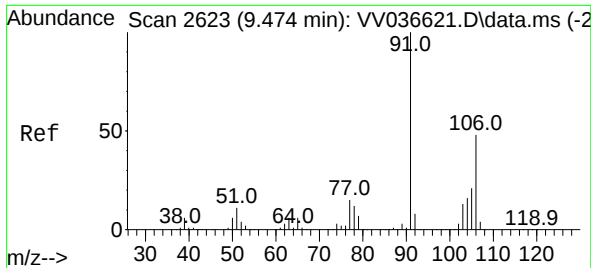
Tgt Ion:106 Resp: 331802

Ion Ratio Lower Upper

106 100

91 196.2 136.8 254.0

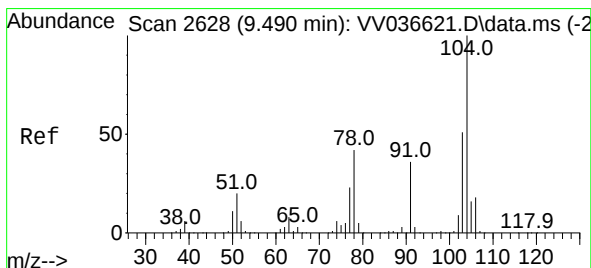
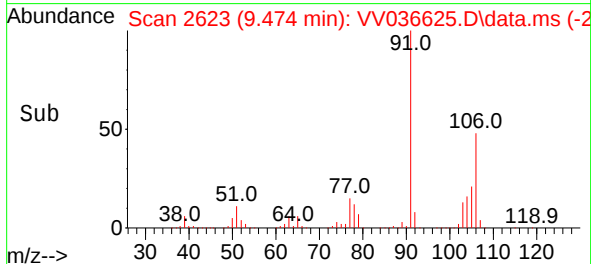
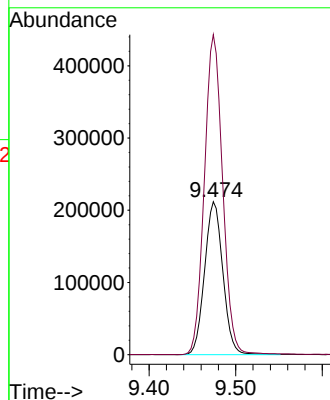
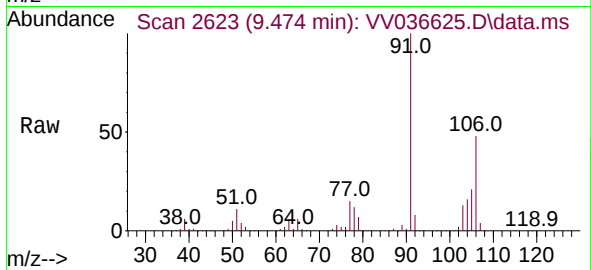




#54
o-Xylene
Concen: 28.440 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

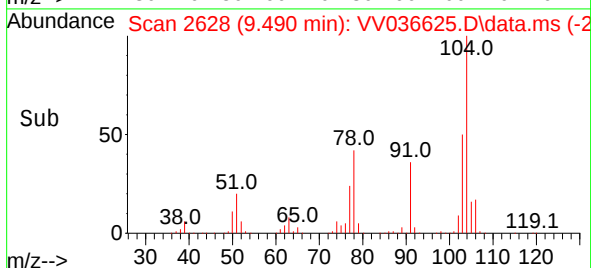
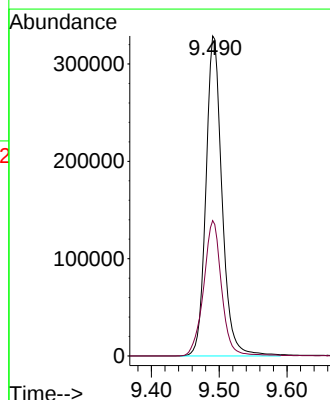
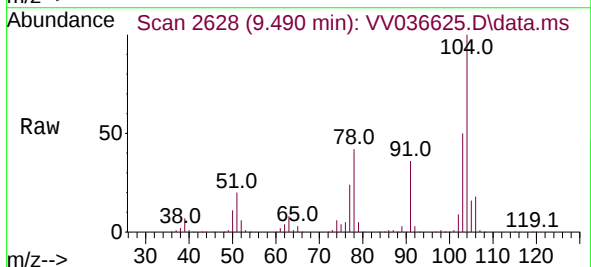
Instrument :
MSVOA_V
ClientSampleId :

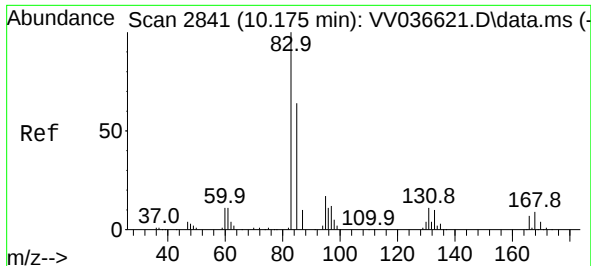
Tgt Ion:106 Resp: 310547
Ion Ratio Lower Upper
106 100
91 209.2 146.1 271.3



#55
Styrene
Concen: 29.323 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion:104 Resp: 542928
Ion Ratio Lower Upper
104 100
78 42.3 29.7 55.1

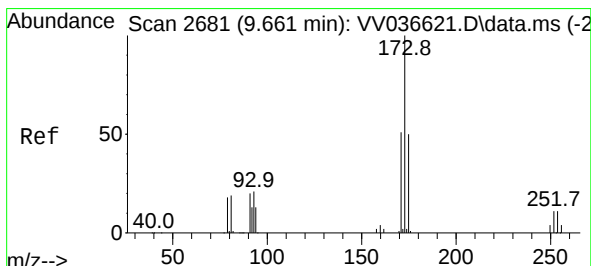
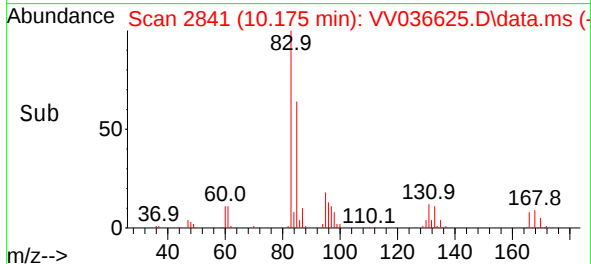
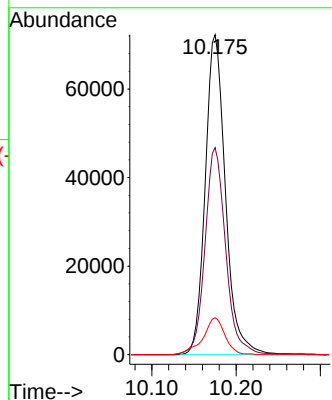
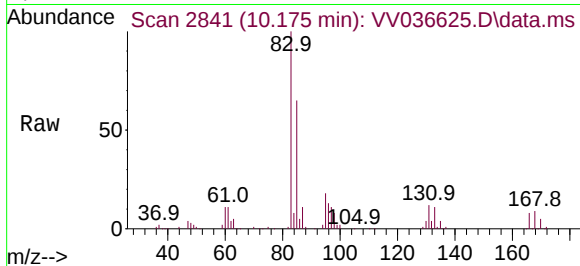




#57
1,1,2,2-Tetrachloroethane
Concen: 24.822 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

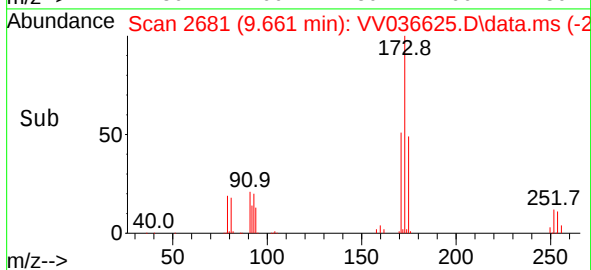
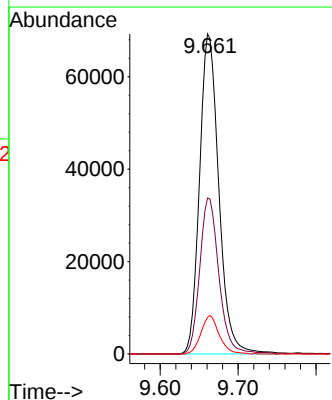
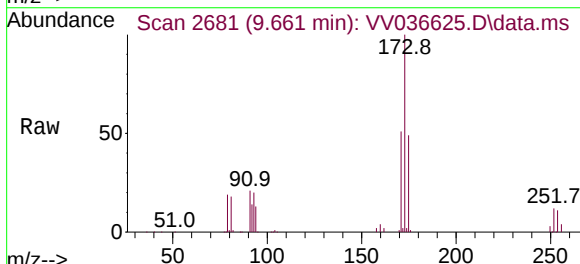
Instrument :
MSVOA_V
ClientSampleId :

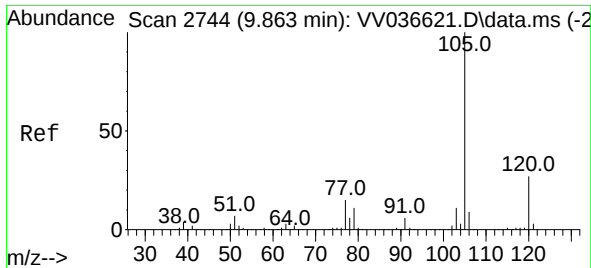
Tgt Ion: 83 Resp: 120602
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.3
131 11.5 9.3 13.9



#59
Bromoform
Concen: 25.869 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 173 Resp: 119186
Ion Ratio Lower Upper
173 100
175 48.3 39.6 59.4
254 11.3 8.2 12.4

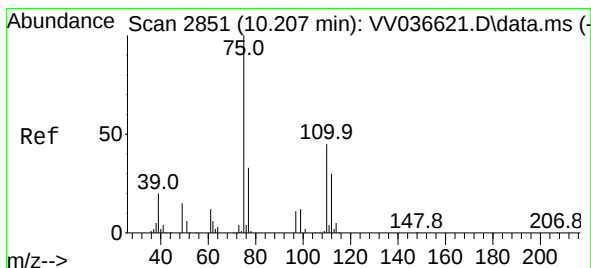
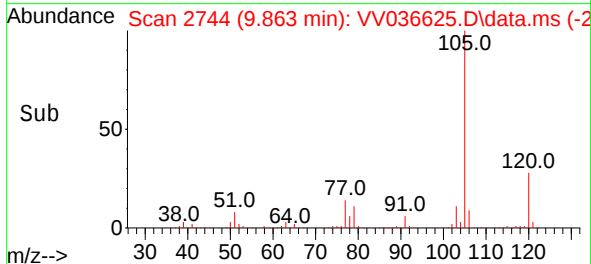
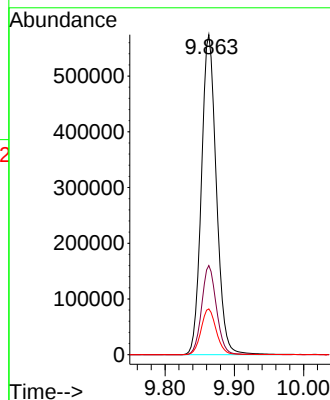
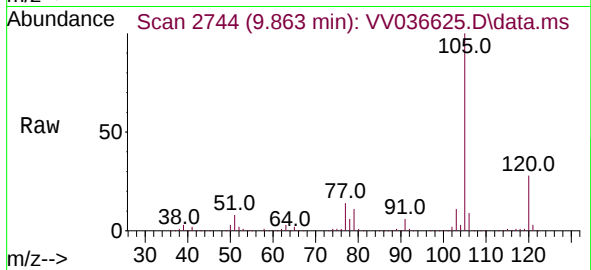




#60
Isopropylbenzene
Concen: 28.722 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

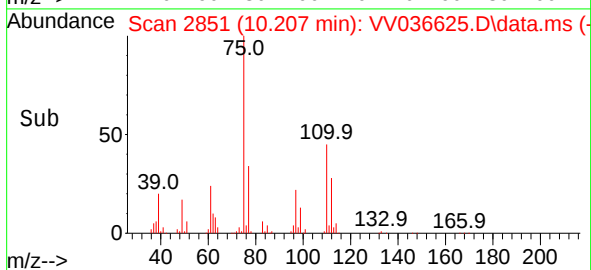
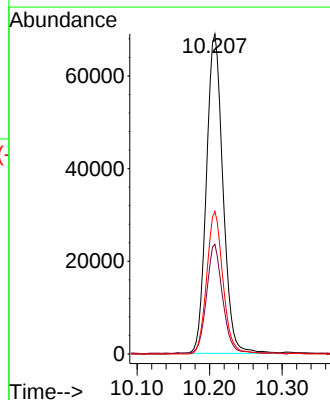
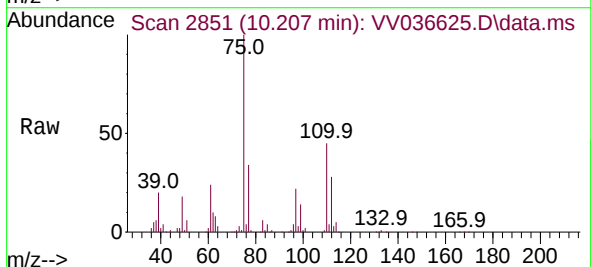
Instrument :
MSVOA_V
ClientSampleId :

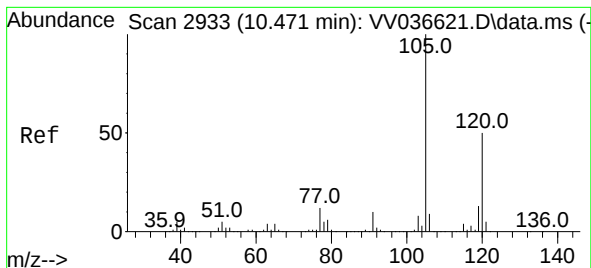
Tgt Ion:105 Resp: 859844
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 25.378 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 75 Resp: 109444
Ion Ratio Lower Upper
75 100
77 32.7 25.9 38.9
110 44.0 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 29.785 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

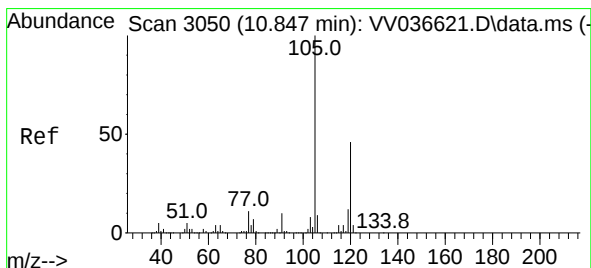
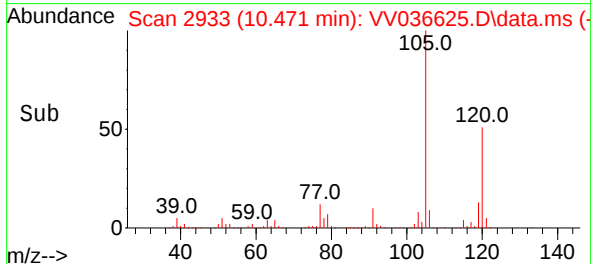
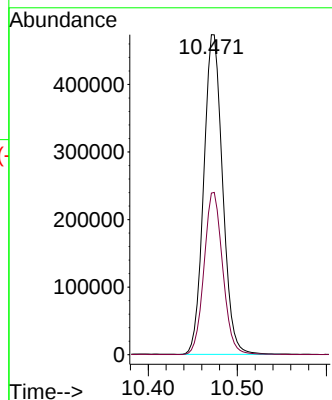
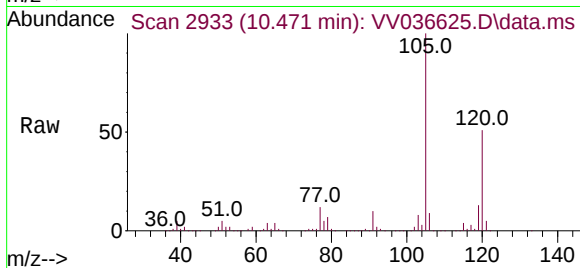
ClientSampleId :

Tgt Ion:105 Resp: 695524

Ion Ratio Lower Upper

105 100

120 50.3 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 29.263 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036625.D

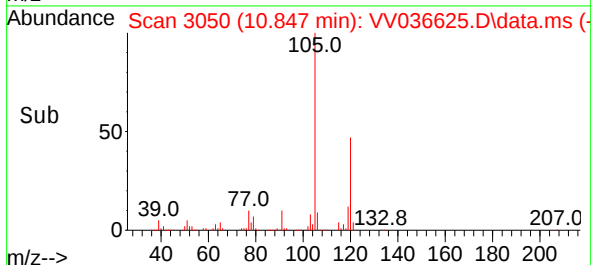
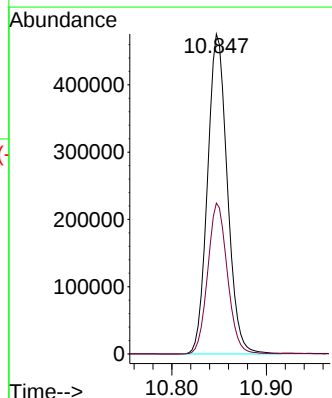
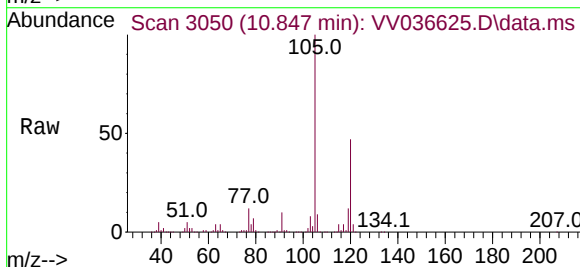
Acq: 22 Jul 2024 11:26

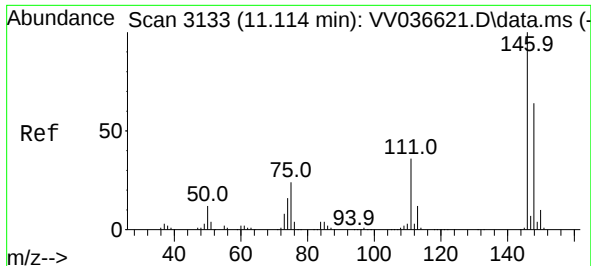
Tgt Ion:105 Resp: 691705

Ion Ratio Lower Upper

105 100

120 47.0 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 26.617 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

ClientSampleId :

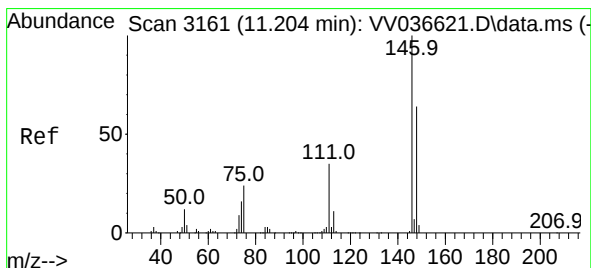
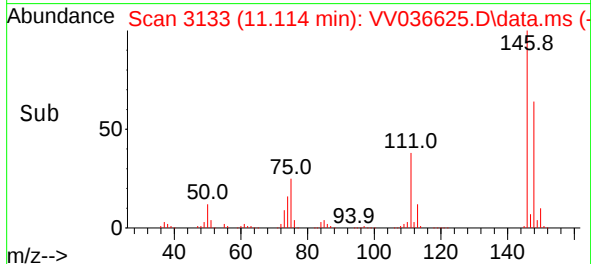
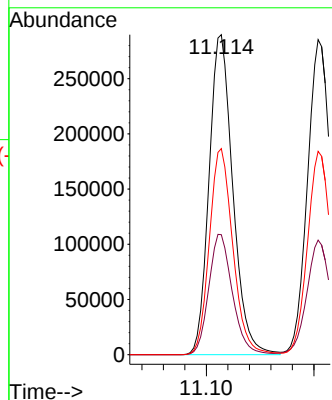
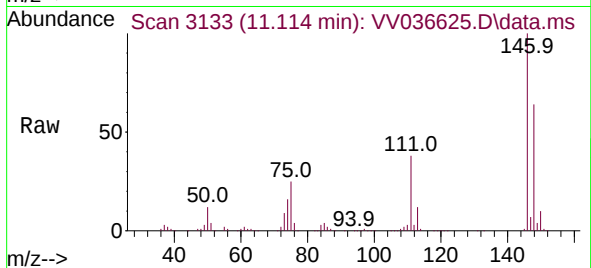
Tgt Ion:146 Resp: 445437

Ion Ratio Lower Upper

146 100

111 37.5 25.5 47.3

148 64.4 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 26.377 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

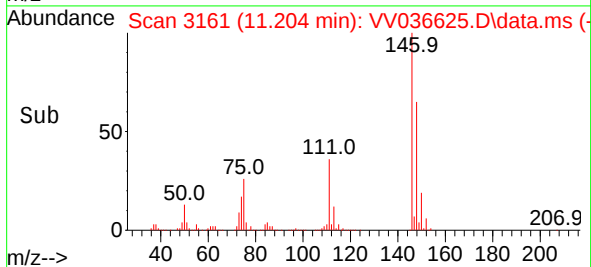
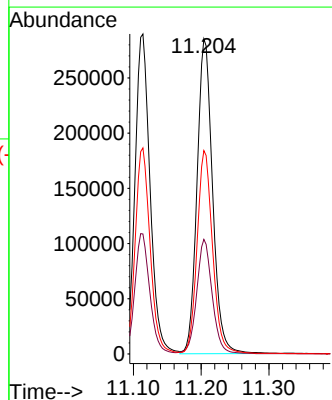
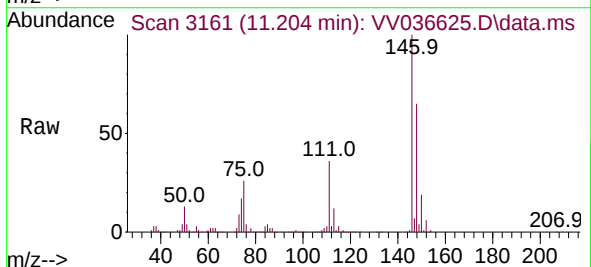
Tgt Ion:146 Resp: 454590

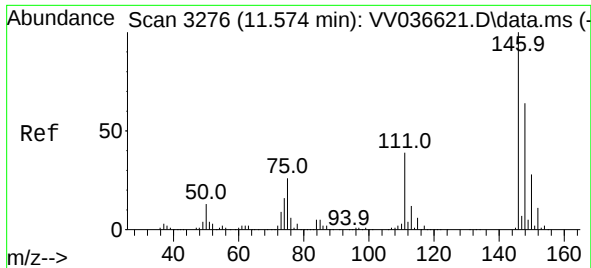
Ion Ratio Lower Upper

146 100

111 36.4 24.9 46.3

148 64.6 44.5 82.7

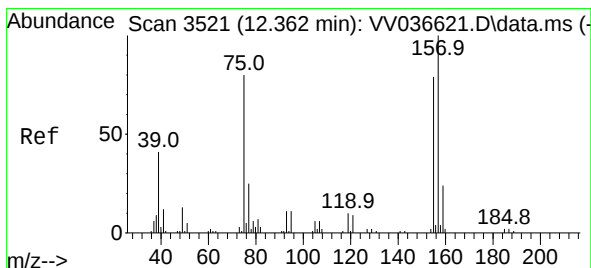
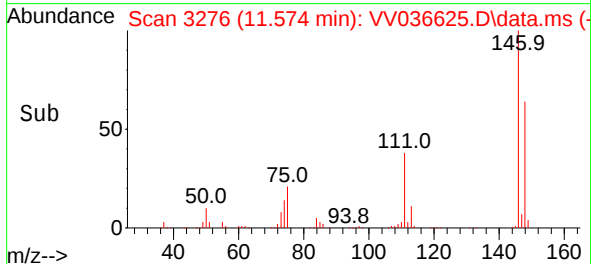
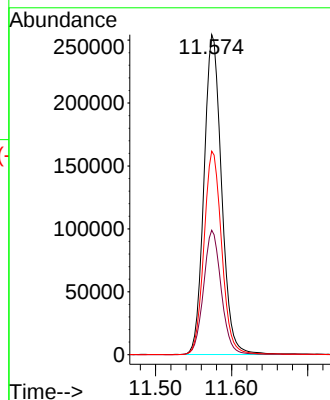
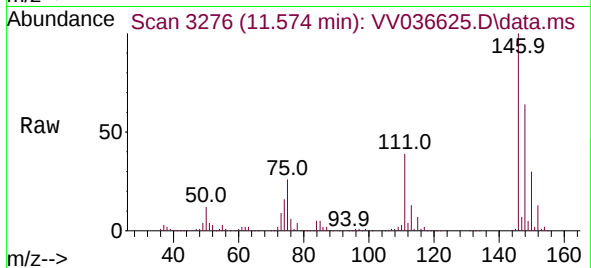




#67
1,2-Dichlorobenzene
Concen: 26.189 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

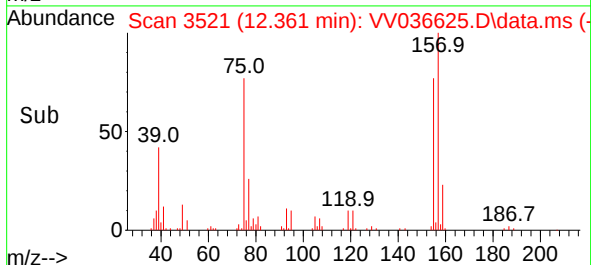
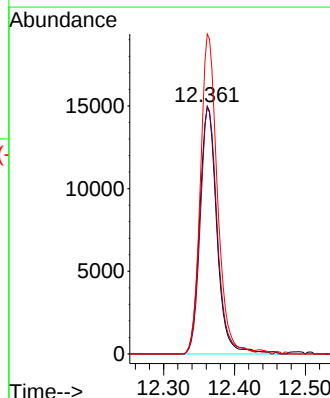
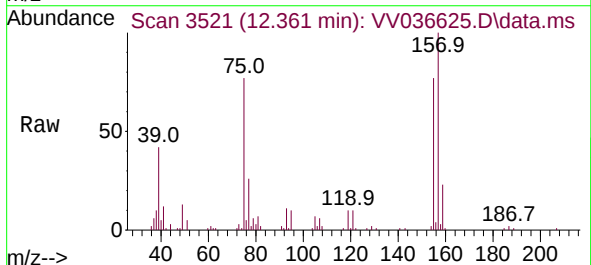
Instrument :
MSVOA_V
ClientSampleId :

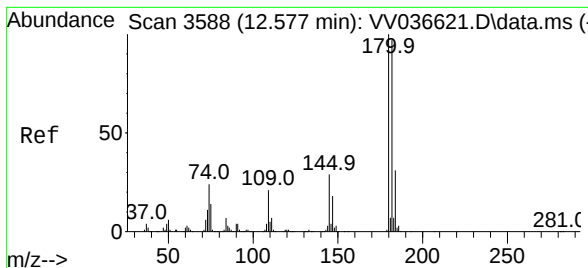
Tgt Ion:146 Resp: 407511
Ion Ratio Lower Upper
146 100
111 38.9 31.3 46.9
148 63.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.757 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036625.D
Acq: 22 Jul 2024 11:26

Tgt Ion: 75 Resp: 25143
Ion Ratio Lower Upper
75 100
155 100.4 79.5 119.3
157 129.6 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 26.563 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

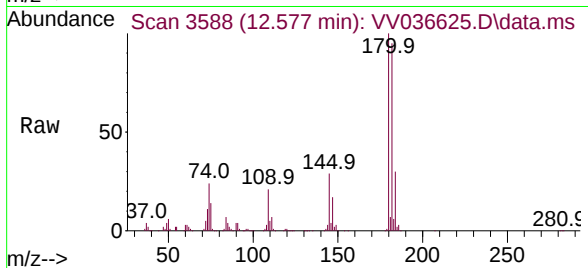
Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 350669

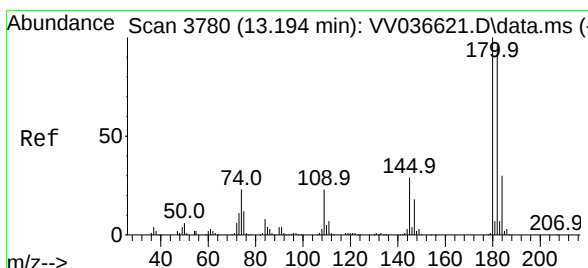
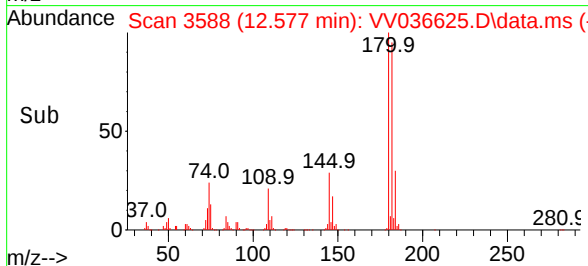
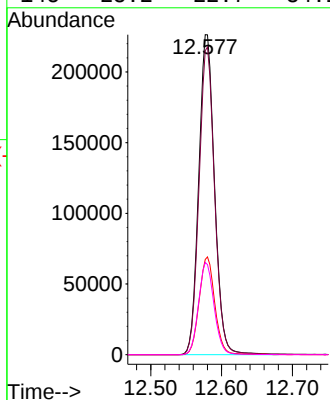
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

184 30.2 24.6 36.8

145 28.2 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 26.311 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

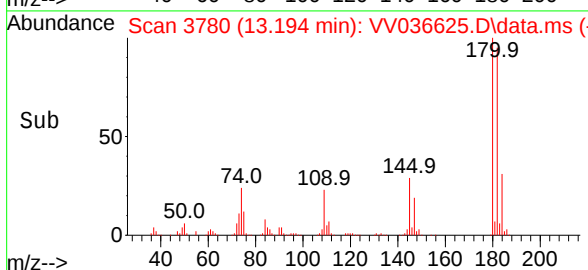
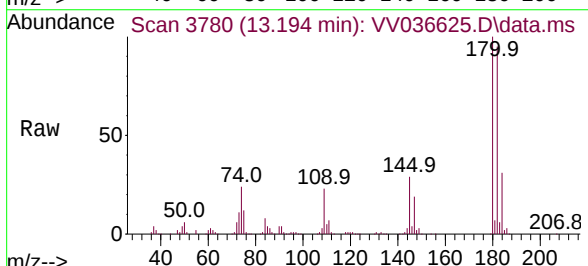
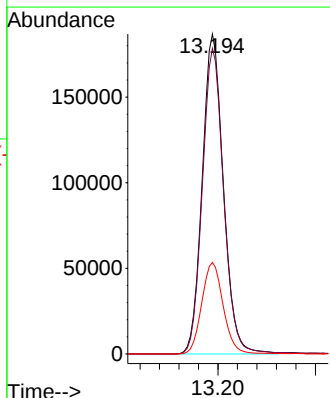
Tgt Ion:180 Resp: 282144

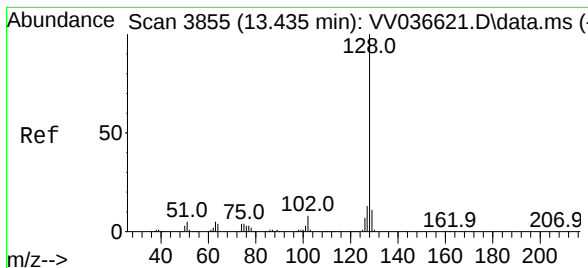
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 28.8 23.0 34.6





#71

Naphthalene

Concen: 26.796 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Instrument :

MSVOA_V

ClientSampleId :

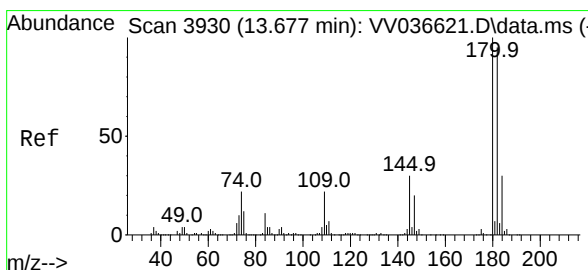
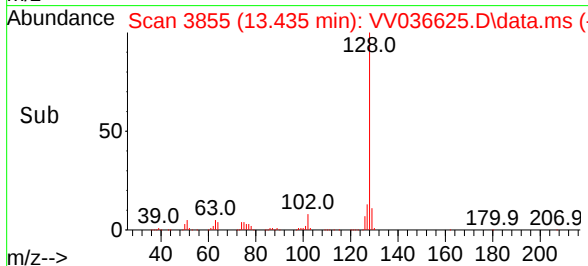
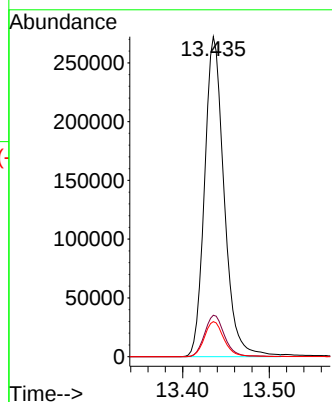
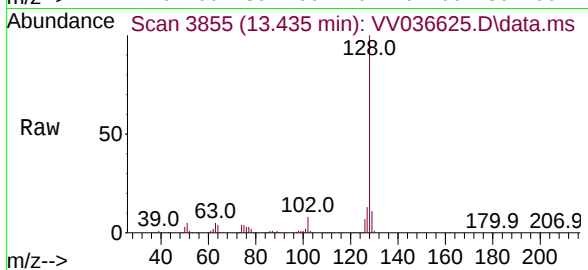
Tgt Ion:128 Resp: 427456

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.752 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036625.D

Acq: 22 Jul 2024 11:26

Tgt Ion:180 Resp: 258848

Ion Ratio Lower Upper

180 100

182 96.6 75.6 113.4

145 30.5 24.6 37.0

