

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035538.D
 Acq On : 06 May 2024 16:15
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 01:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:49:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	475343	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	486881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	280898	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	148076	20.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
7) Chloroethane-d5	1.526	69	122335	20.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	2.053	65	66243	20.366	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.480%
21) 2-Butanone-d5	3.841	46	48070	23.055	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.100%
24) Chloroform-d	4.243	84	311347	22.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	4.937	65	152622	21.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.953	84	572062	21.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.840%
36) 1,2-Dichloropropane-d6	5.985	67	177136	21.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	7.239	98	520230	21.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	7.551	79	78193	22.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.920%
47) 2-Hexanone-d5	8.030	63	73349	49.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190418	24.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	210541	21.597	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	229698	23.768	ug/L	98
3) Chloromethane	1.211	50	214416	22.098	ug/L	99
5) Vinyl chloride	1.278	62	239395	23.882	ug/L	100
6) Bromomethane	1.484	94	148669	23.423	ug/L	98
8) Chloroethane	1.545	64	152152	24.623	ug/L	99
9) Trichlorofluoromethane	1.709	101	332234	25.392	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	213814	25.900	ug/L	100
12) 1,1-Dichloroethene	2.063	96	185922	24.934	ug/L	98
14) Carbon disulfide	2.233	76	522305	22.115	ug/L	99
15) Methyl Acetate	2.384	43	98324	21.263	ug/L	91
16) Methylene chloride	2.439	84	232634	21.223	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	206401	24.934	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	540608	27.074	ug/L	99
19) 1,1-Dichloroethane	3.104	63	399468	25.741	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	229374	25.560	ug/L	99
22) 2-Butanone	3.912	43	120460	42.499	ug/L	# 65
23) Bromochloromethane	4.143	128	113127	26.064	ug/L	96
25) Chloroform	4.268	83	416972	26.020	ug/L	100
27) 1,2-Dichloroethane	5.037	62	262986	26.354	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035538.D
 Acq On : 06 May 2024 16:15
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

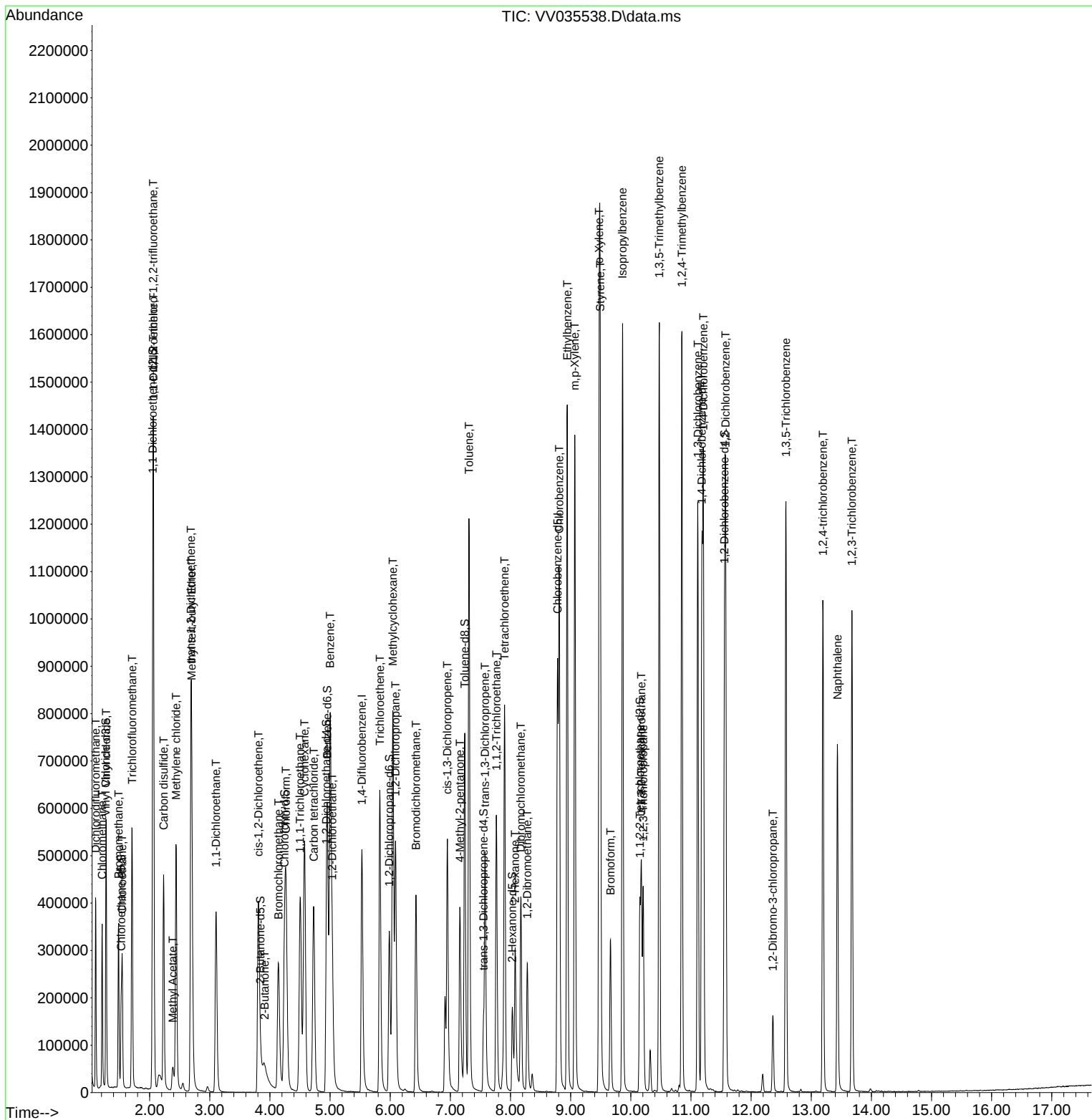
Instrument :
 MSVOA_V
 ClientSampleId :

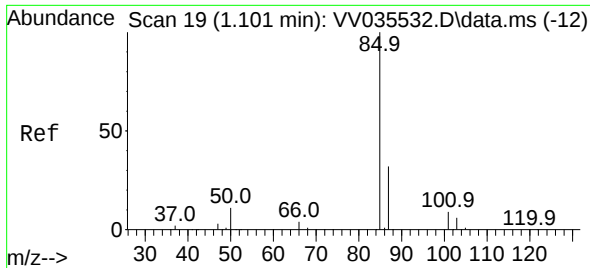
Quant Time: May 08 01:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:49:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.574	56	303309	26.051	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	358155	26.530	ug/L	99
31) Carbon tetrachloride	4.728	117	314814	26.578	ug/L	98
33) Benzene	5.002	78	848459	26.330	ug/L	100
34) Trichloroethene	5.828	95	237248	26.029	ug/L	98
35) Methylcyclohexane	6.043	83	358922	25.937	ug/L	100
37) 1,2-Dichloropropane	6.088	63	224875	26.748	ug/L	100
38) Bromodichloromethane	6.429	83	303066	26.611	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	354498	26.959	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	280704	55.750	ug/L	99
42) Toluene	7.310	91	920622	26.997	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	316549	27.519	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	194731	27.260	ug/L	100
46) Tetrachloroethene	7.902	164	189067	25.532	ug/L	98
48) 2-Hexanone	8.079	43	201298	53.322	ug/L	98
49) Dibromochloromethane	8.172	129	217672	27.005	ug/L	99
50) 1,2-Dibromoethane	8.278	107	188022	26.718	ug/L	98
51) Chlorobenzene	8.812	112	617878	26.112	ug/L	99
52) Ethylbenzene	8.943	91	1026116	27.253	ug/L	100
53) m,p-Xylene	9.069	106	390124	27.311	ug/L	99
54) o-Xylene	9.474	106	371371	27.430	ug/L	99
55) Styrene	9.493	104	673699	28.530	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	240885	27.683	ug/L	100
59) Bromoform	9.664	173	151437	27.433	ug/L	100
60) Isopropylbenzene	9.863	105	1040882	27.818	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	179494	27.269	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	849206	28.931	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	852016	28.246	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	516997	26.328	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	529710	26.057	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	480185	25.978	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	41622	27.265	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	397945	25.933	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	331165	25.845	ug/L	100
71) Naphthalene	13.435	128	585126	26.012	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	300003	26.026	ug/L	100

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

Quant Time: May 08 01:56:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 01:49:05 2024
Response via : Initial Calibration

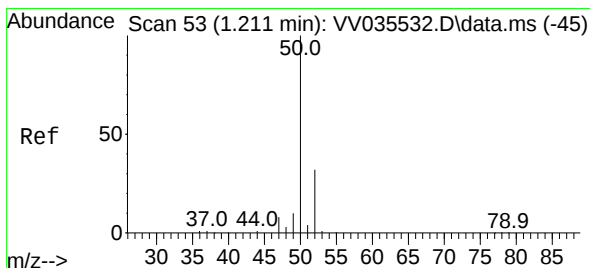
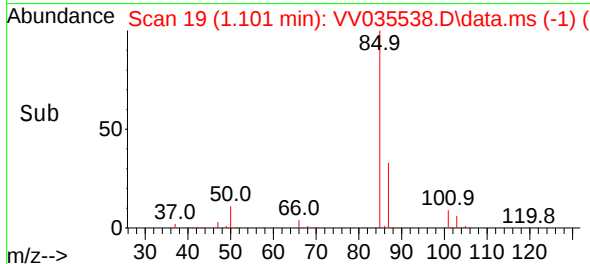
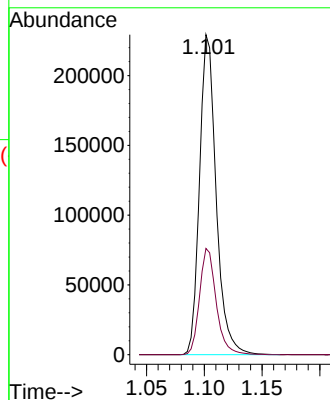
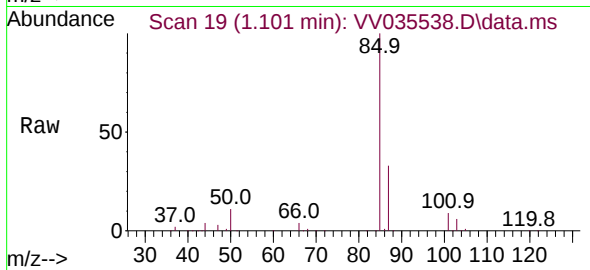




#2
 Dichlorodifluoromethane
 Concen: 23.768 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV035538.D
 Acq: 06 May 2024 16:15

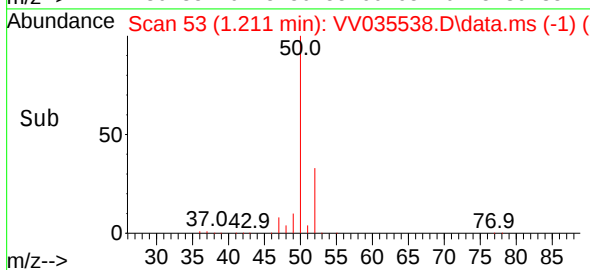
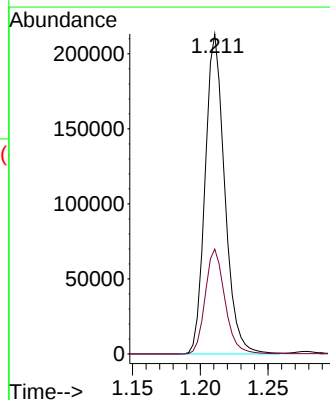
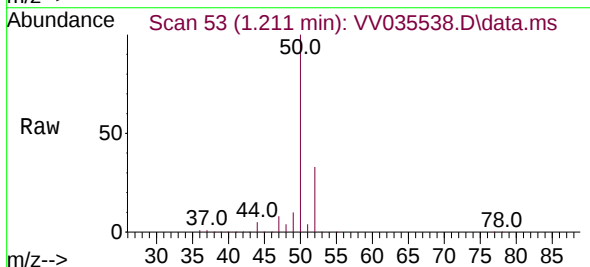
Instrument :
 MSVOA_V
 ClientSampleId :

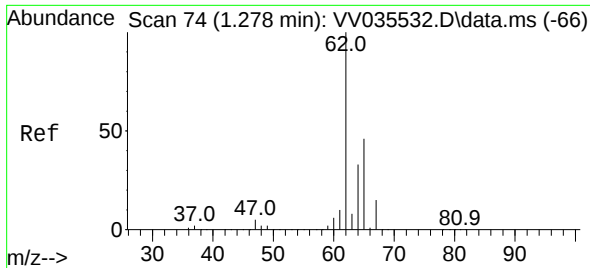
Tgt Ion: 85 Resp: 229698
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.6



#3
 Chloromethane
 Concen: 22.098 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV035538.D
 Acq: 06 May 2024 16:15

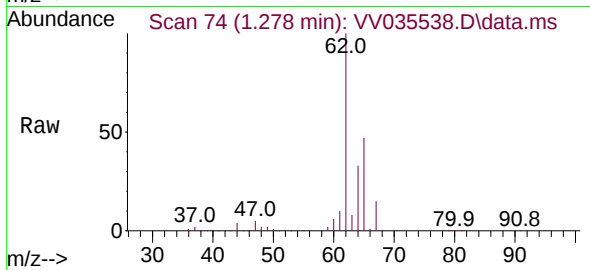
Tgt Ion: 50 Resp: 214416
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1



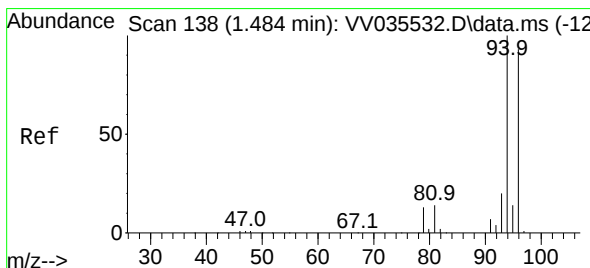
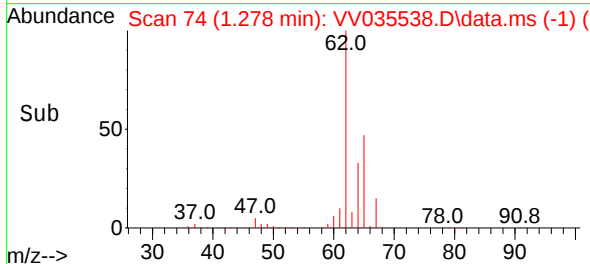
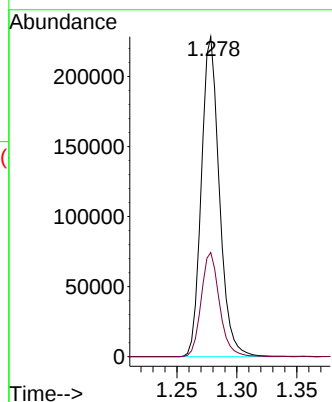


#5
 Vinyl chloride
 Concen: 23.882 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV035538.D
 Acq: 06 May 2024 16:15

Instrument :
 MSVOA_V
 ClientSampleId :

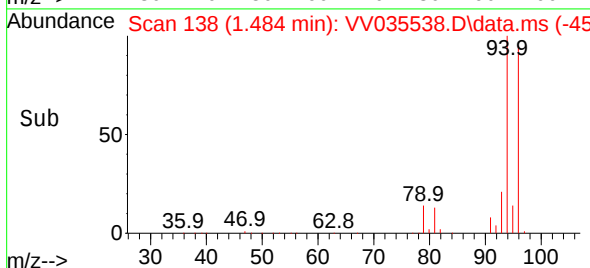
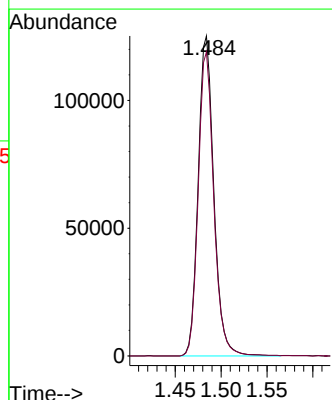
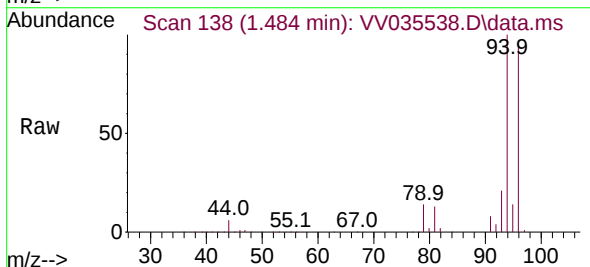


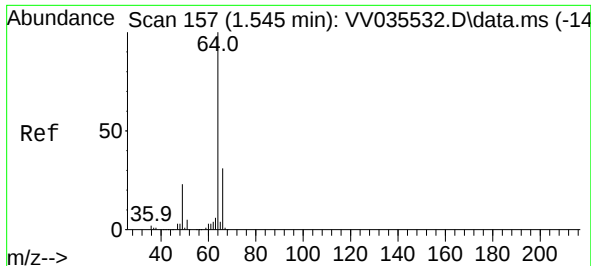
Tgt Ion: 62 Resp: 239395
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 23.423 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV035538.D
 Acq: 06 May 2024 16:15

Tgt Ion: 94 Resp: 148669
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.2 121.0

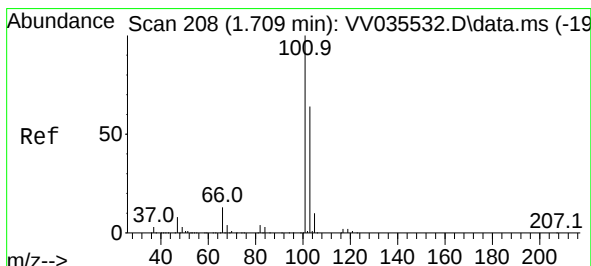
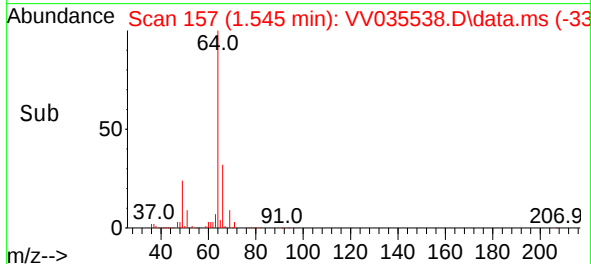
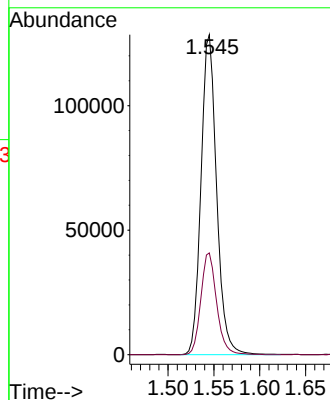
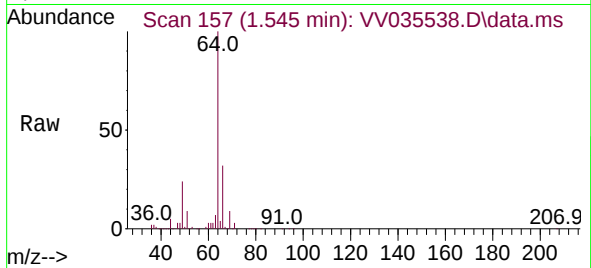




#8
Chloroethane
Concen: 24.623 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

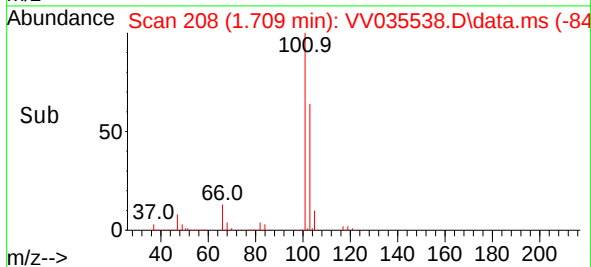
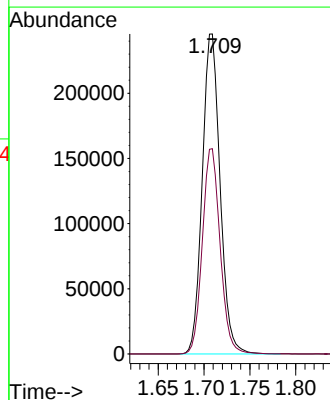
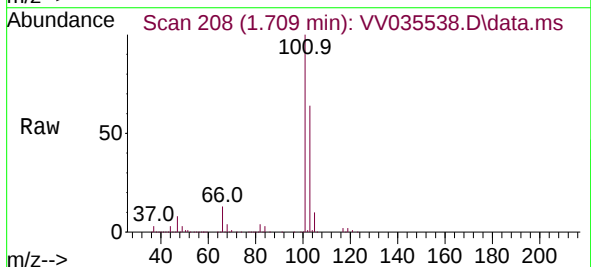
Instrument :
MSVOA_V
ClientSampleId :

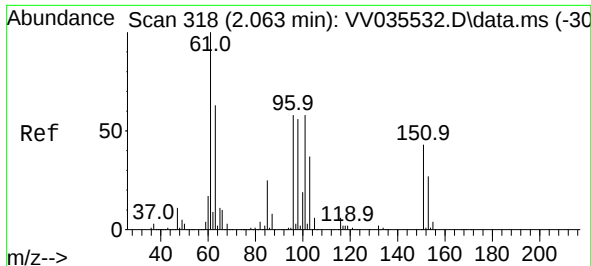
Tgt Ion: 64 Resp: 152152
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.392 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion:101 Resp: 332234
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3





#10

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

Concen: 25.900 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

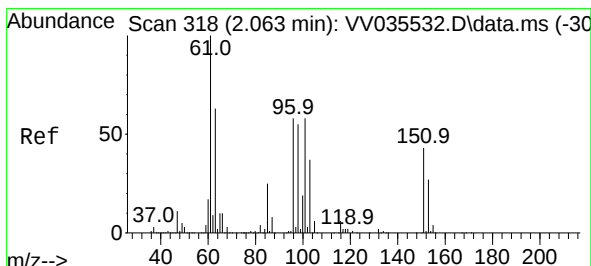
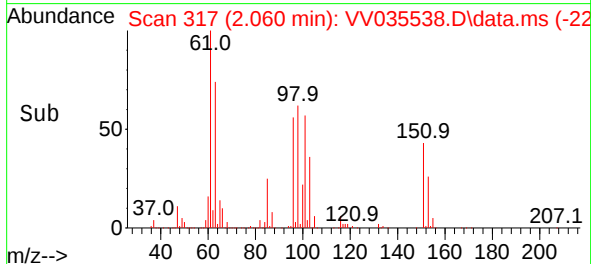
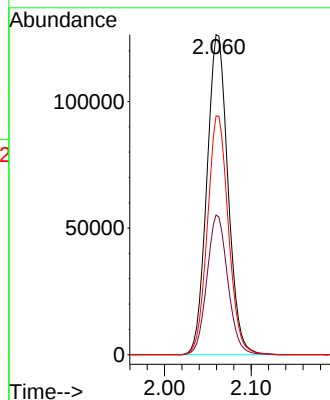
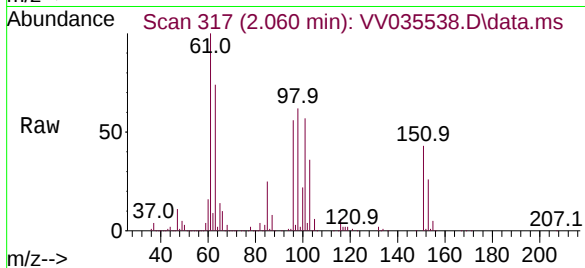
Tgt Ion:101 Resp: 213814

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

151 74.4 59.5 89.3



#12

1,1-Dichloroethene

Concen: 24.934 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

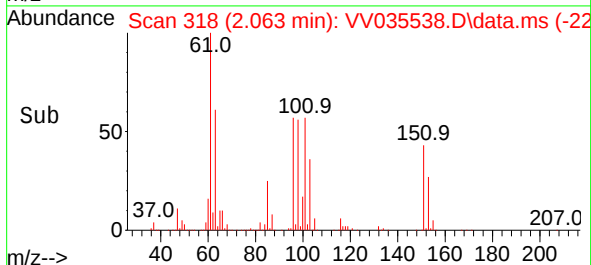
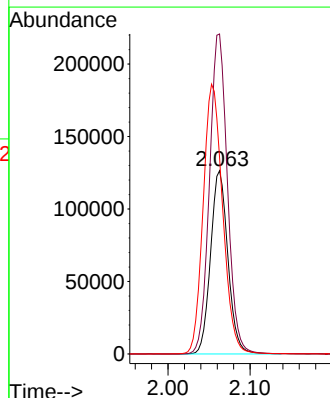
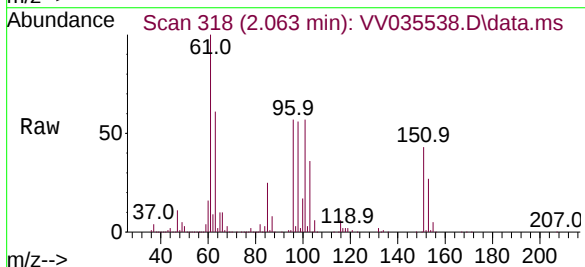
Tgt Ion: 96 Resp: 185922

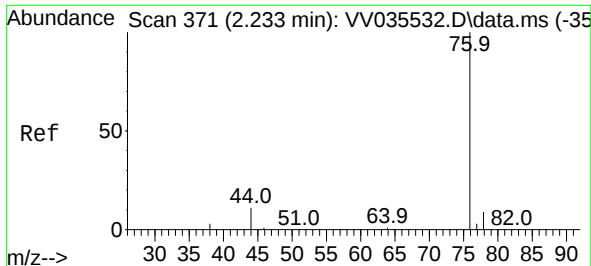
Ion Ratio Lower Upper

96 100

61 174.6 119.8 222.4

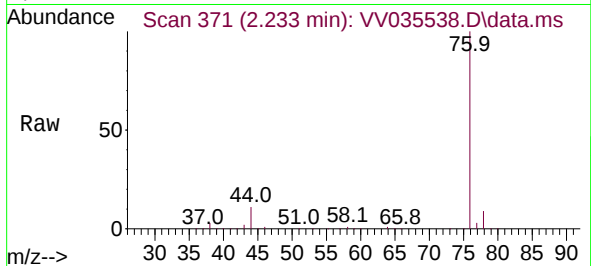
63 107.3 75.6 140.4



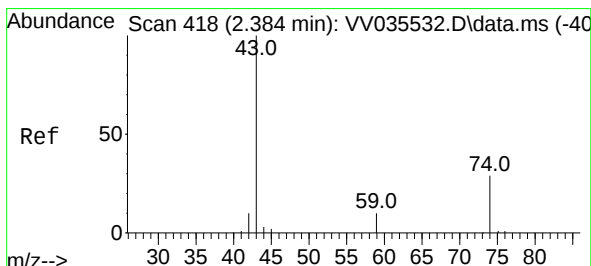
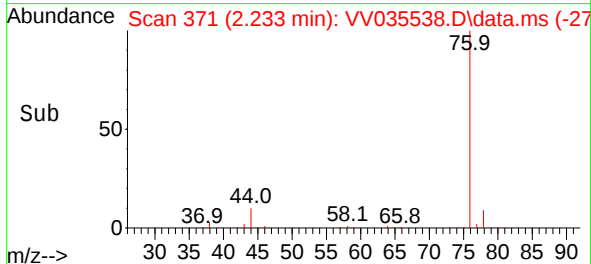
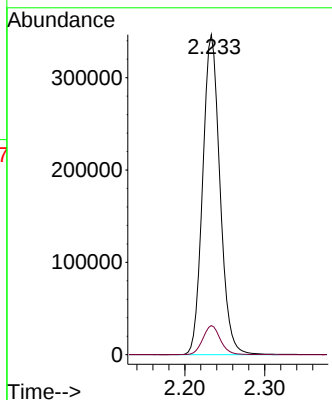


#14
Carbon disulfide
Concen: 22.115 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Instrument :
MSVOA_V
ClientSampleId :

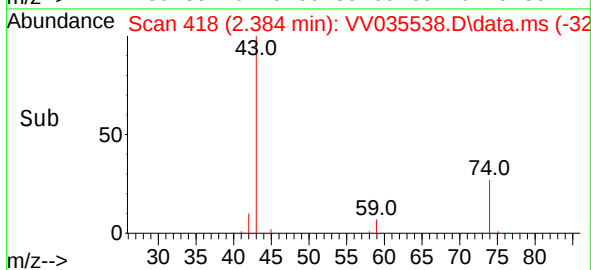
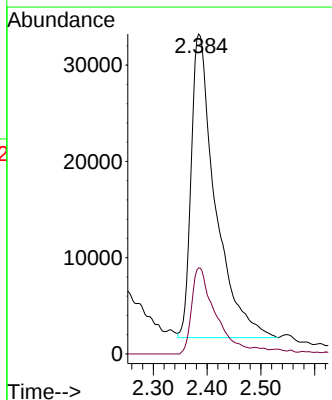
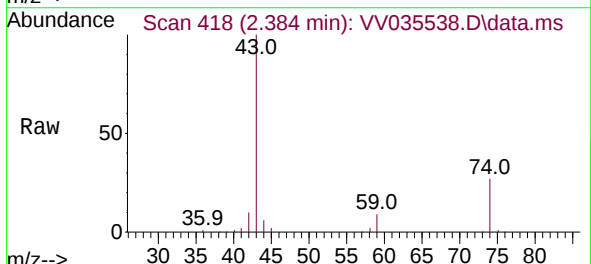


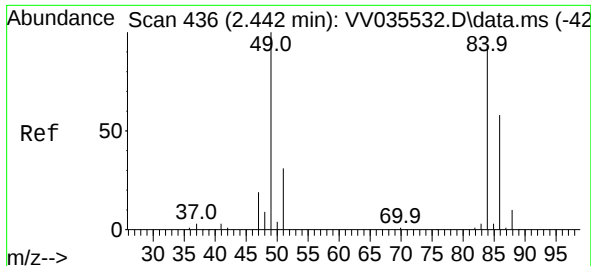
Tgt Ion: 76 Resp: 522305
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#15
Methyl Acetate
Concen: 21.263 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 43 Resp: 98324
Ion Ratio Lower Upper
43 100
74 27.8 18.6 27.8

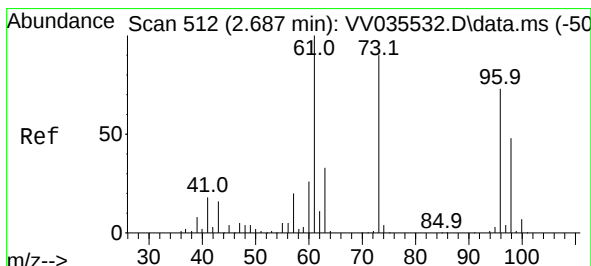
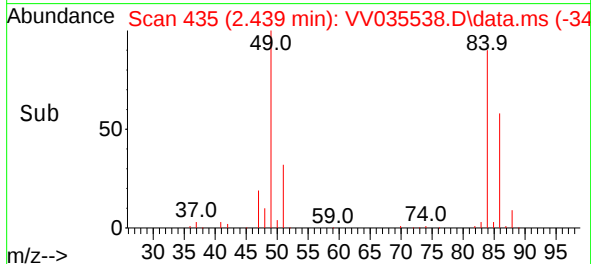
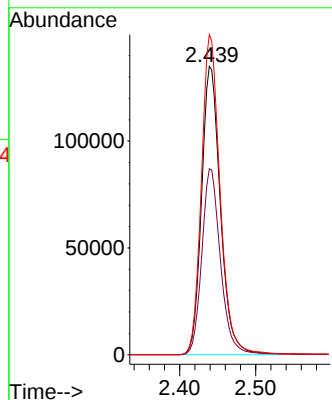
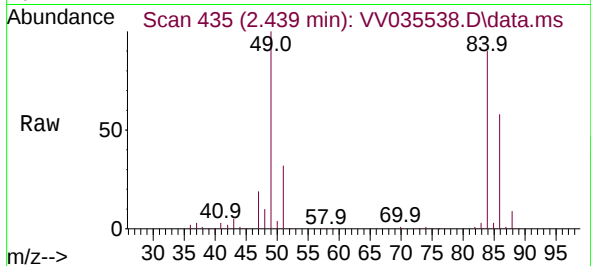




#16
Methylene chloride
Concen: 21.223 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

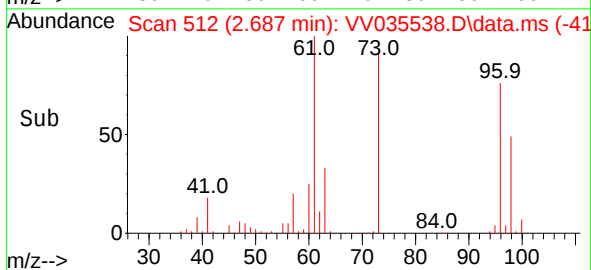
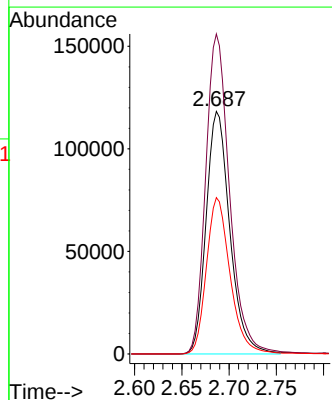
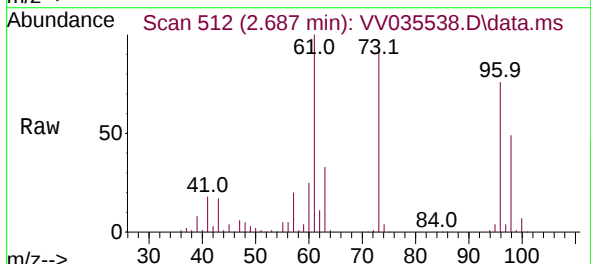
Instrument :
MSVOA_V
ClientSampleId :

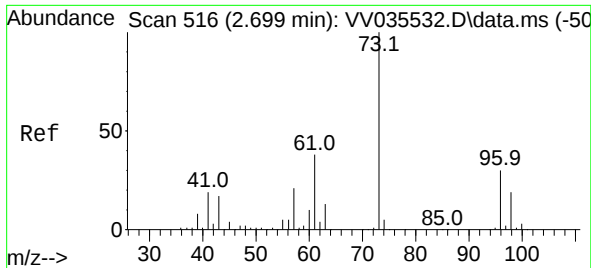
Tgt Ion: 84 Resp: 232634
Ion Ratio Lower Upper
84 100
86 64.5 43.8 81.3
49 111.0 75.3 139.9



#17
trans-1,2-Dichloroethene
Concen: 24.934 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

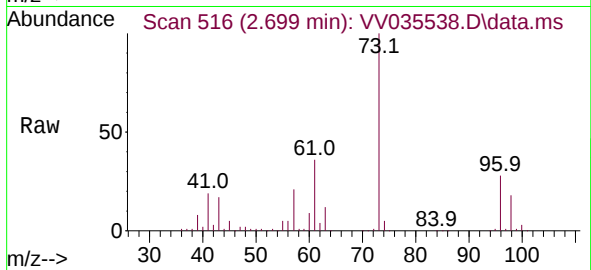
Tgt Ion: 96 Resp: 206401
Ion Ratio Lower Upper
96 100
61 131.9 95.5 177.4
98 64.4 46.0 85.4



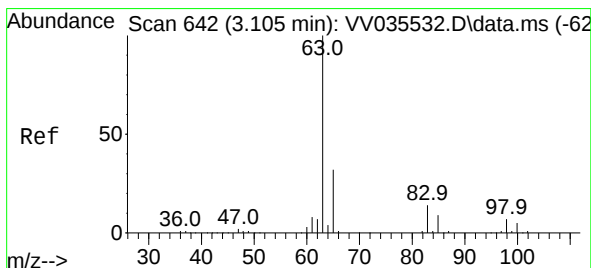
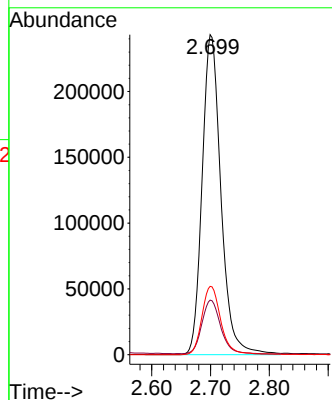
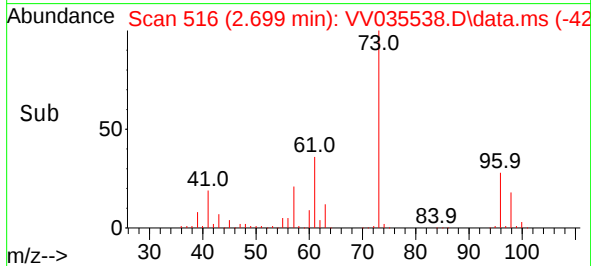


#18
Methyl tert-butyl Ether
Concen: 27.074 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

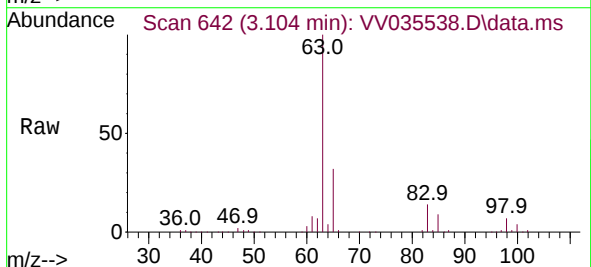
Instrument :
MSVOA_V
ClientSampleId :



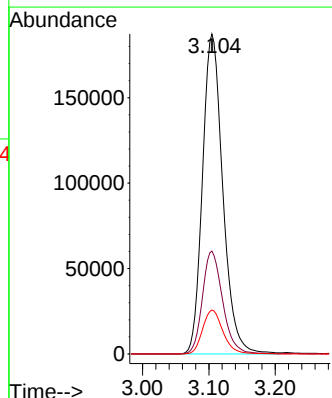
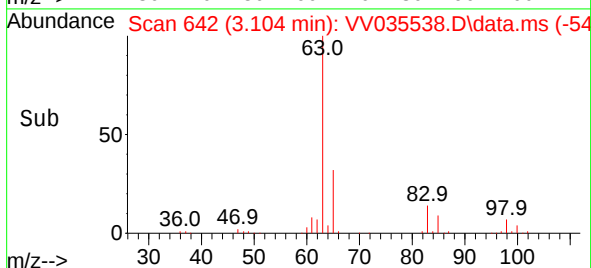
Tgt Ion: 73 Resp: 540608
Ion Ratio Lower Upper
73 100
43 16.9 13.3 19.9
57 21.4 17.4 26.2

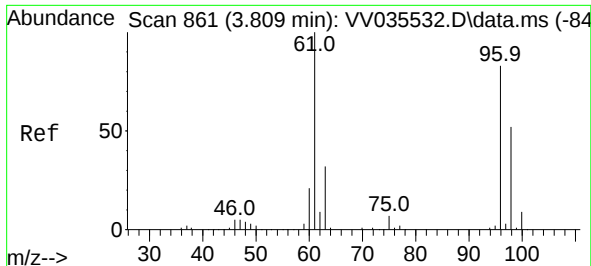


#19
1,1-Dichloroethane
Concen: 25.741 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15



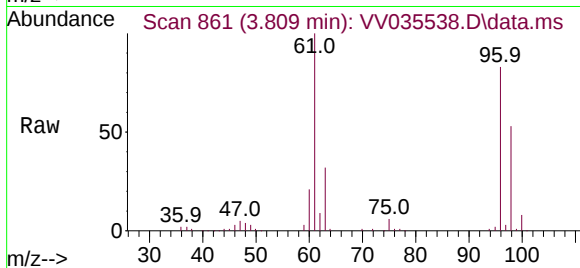
Tgt Ion: 63 Resp: 399468
Ion Ratio Lower Upper
63 100
65 32.1 22.7 42.3
83 13.8 9.7 17.9



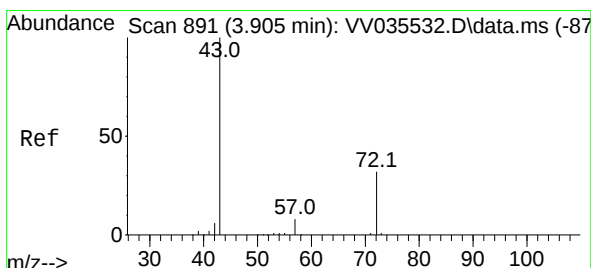
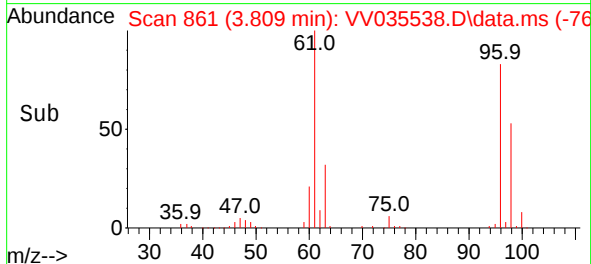
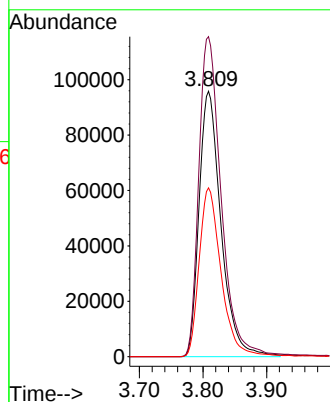


#20
cis-1,2-Dichloroethene
Concen: 25.560 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Instrument :
MSVOA_V
ClientSampleId :

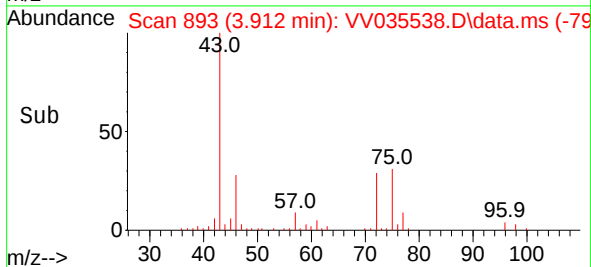
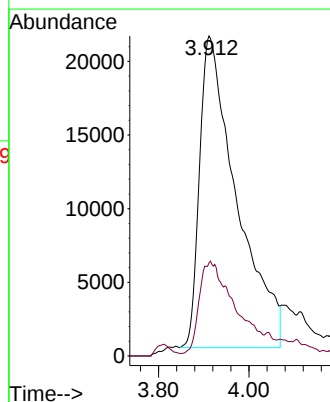
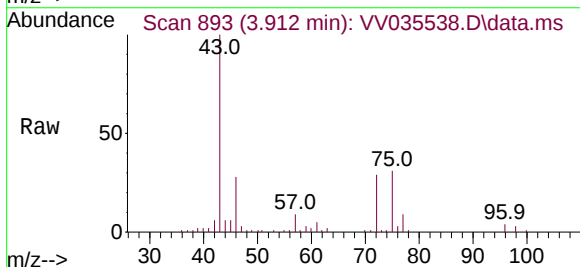


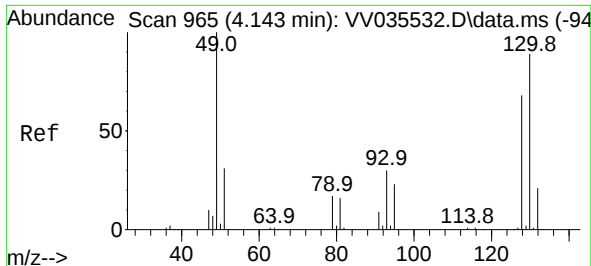
Tgt Ion: 96 Resp: 229374
Ion Ratio Lower Upper
96 100
61 120.5 83.9 155.9
98 63.6 44.0 81.8



#22
2-Butanone
Concen: 42.499 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

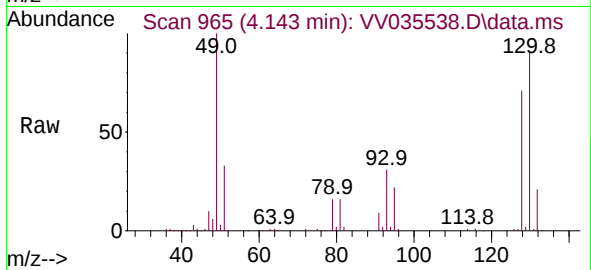
Tgt Ion: 43 Resp: 120460
Ion Ratio Lower Upper
43 100
72 7.1 12.3 36.9#



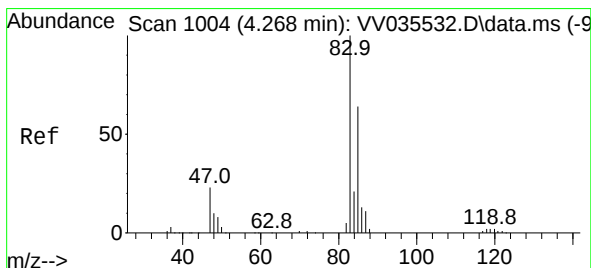
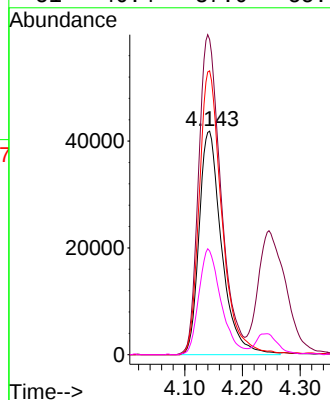
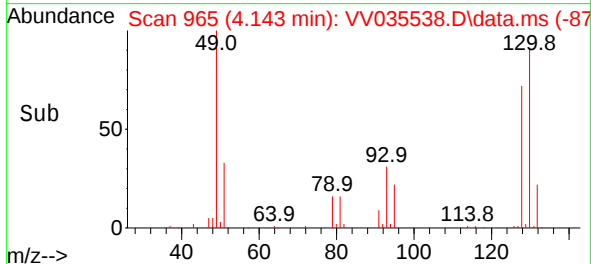


#23
Bromochloromethane
Concen: 26.064 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Instrument :
MSVOA_V
ClientSampleId :

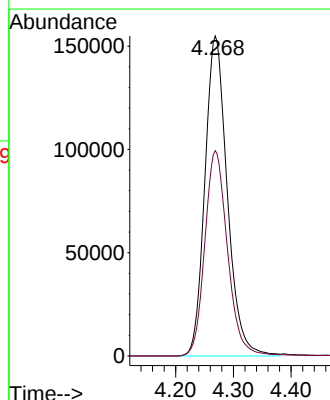
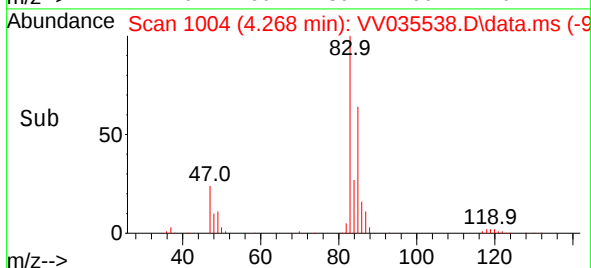
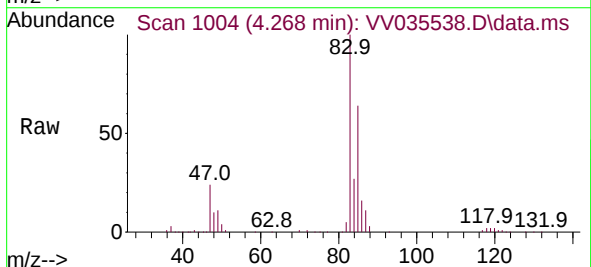


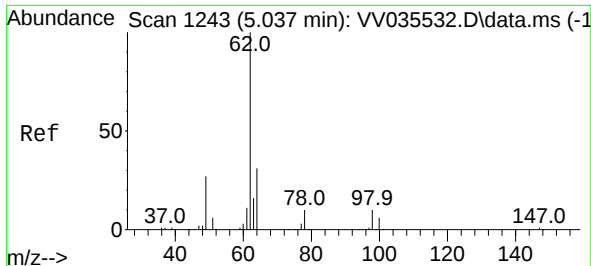
Tgt Ion:128 Resp: 113127
Ion Ratio Lower Upper
128 100
49 141.1 103.1 191.5
130 127.0 91.8 170.4
51 46.4 37.0 55.4



#25
Chloroform
Concen: 26.020 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 83 Resp: 416972
Ion Ratio Lower Upper
83 100
85 64.1 44.7 82.9





#27

1,2-Dichloroethane

Concen: 26.354 ug/L

RT: 5.037 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

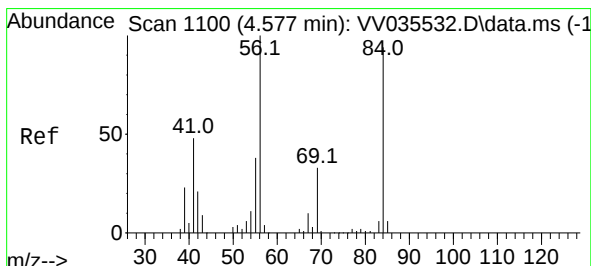
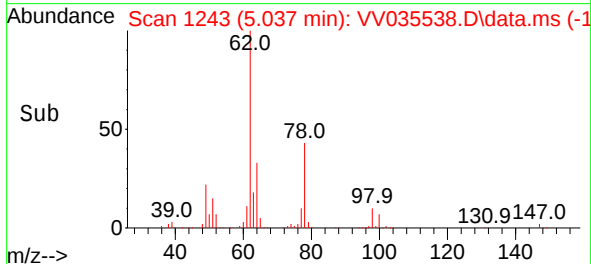
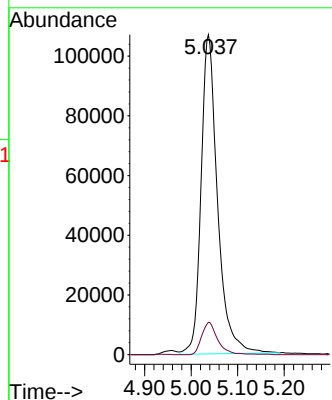
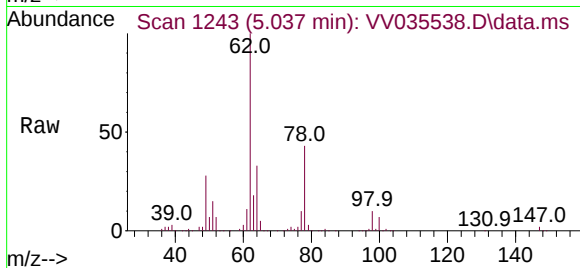
ClientSampleId :

Tgt Ion: 62 Resp: 262986

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2



#29

Cyclohexane

Concen: 26.051 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

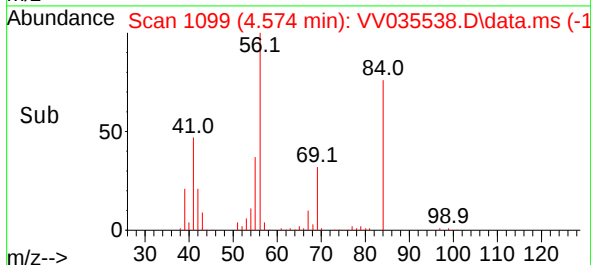
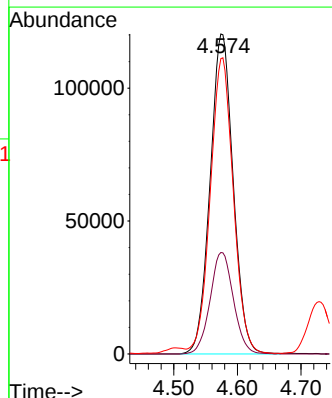
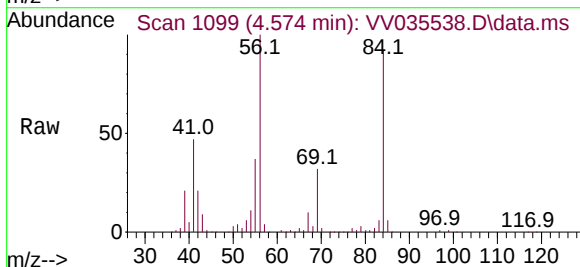
Tgt Ion: 56 Resp: 303309

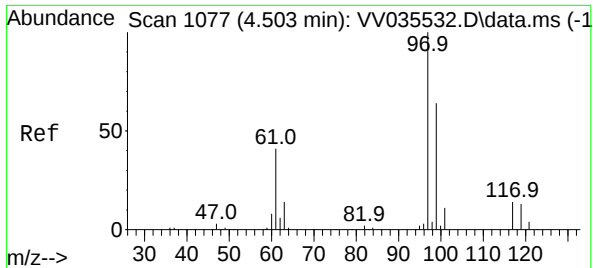
Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 92.1 74.8 112.2

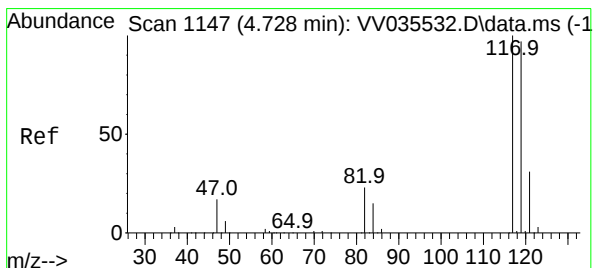
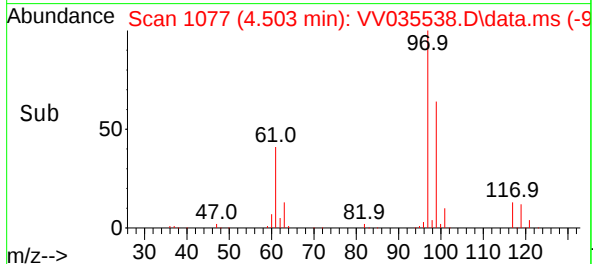
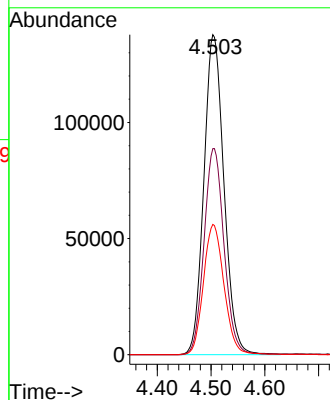
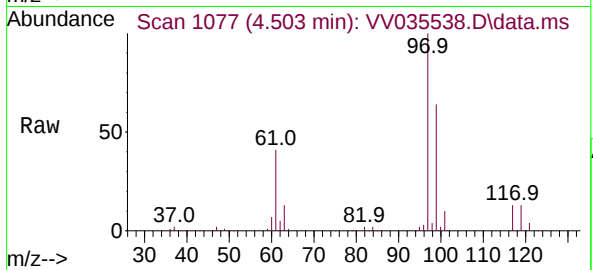




#30
1,1,1-Trichloroethane
Concen: 26.530 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

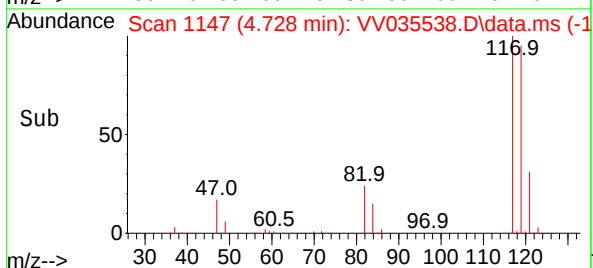
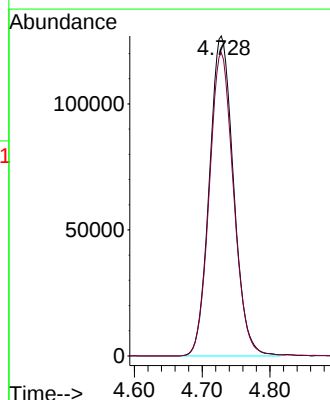
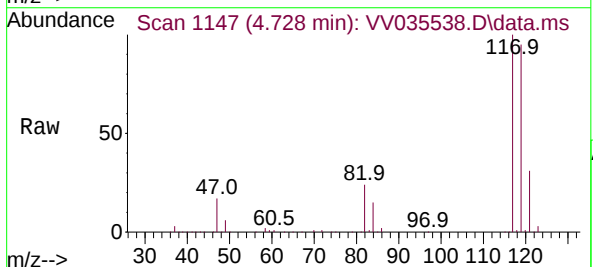
Instrument :
MSVOA_V
ClientSampleId :

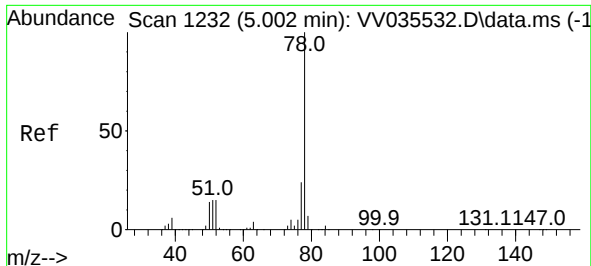
Tgt Ion: 97 Resp: 358155
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 41.7 33.5 50.3



#31
Carbon tetrachloride
Concen: 26.578 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 117 Resp: 314814
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9

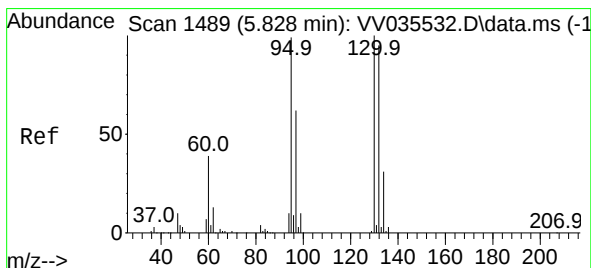
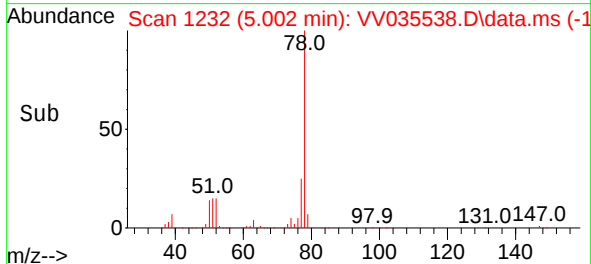
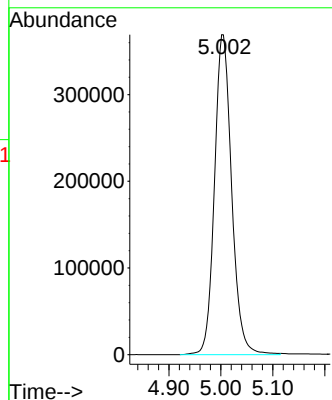
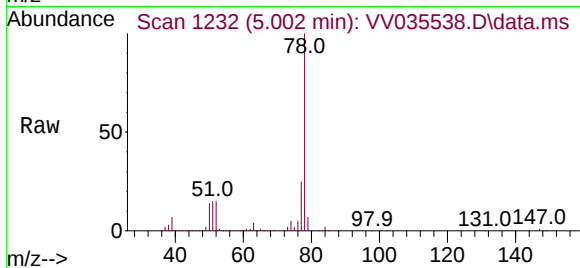




#33
Benzene
Concen: 26.330 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Instrument :
MSVOA_V
ClientSampleId :

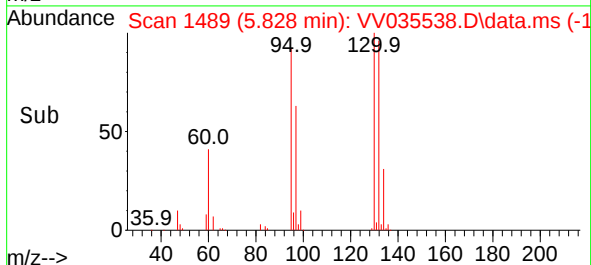
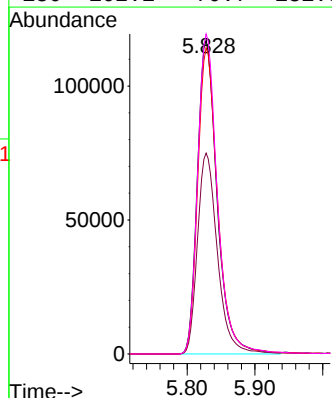
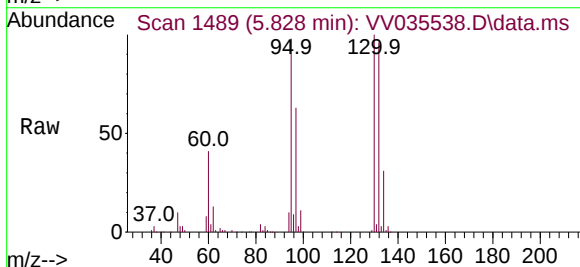
Tgt Ion: 78 Resp: 848459

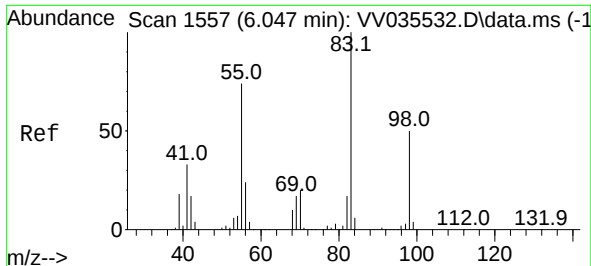


#34
Trichloroethene
Concen: 26.029 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 95 Resp: 237248

Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.8	81.4
132	97.7	67.1	124.7
130	102.1	70.7	131.3





#35

Methylcyclohexane

Concen: 25.937 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

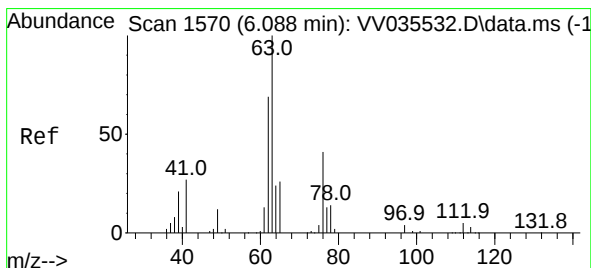
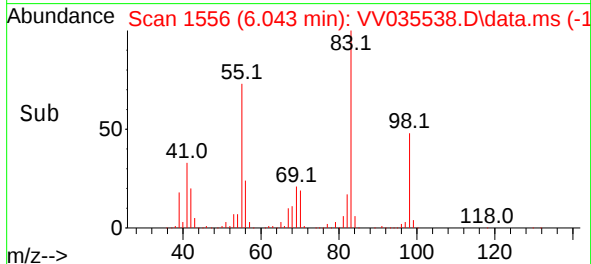
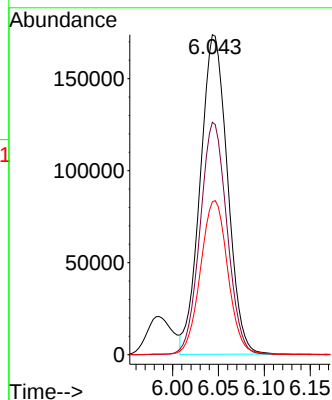
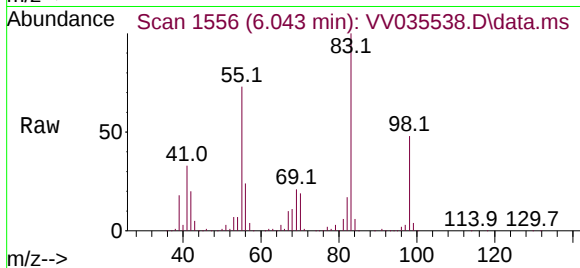
Tgt Ion: 83 Resp: 358922

Ion Ratio Lower Upper

83 100

55 71.7 57.5 86.3

98 48.8 38.6 58.0



#37

1,2-Dichloropropane

Concen: 26.748 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV035538.D

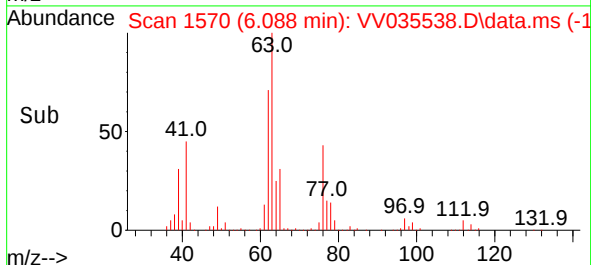
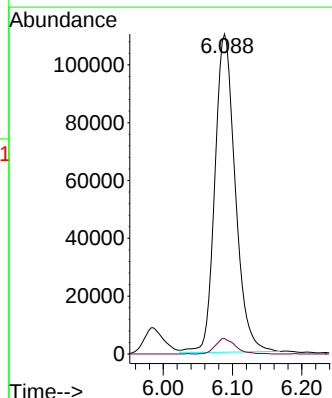
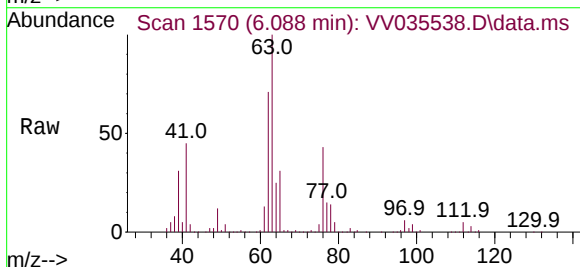
Acq: 06 May 2024 16:15

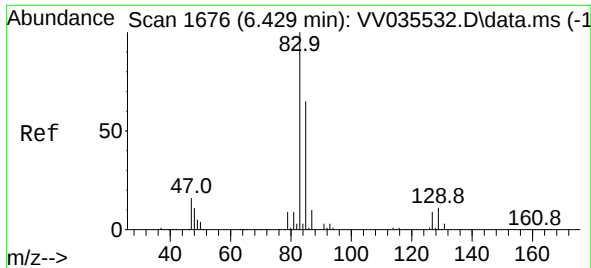
Tgt Ion: 63 Resp: 224875

Ion Ratio Lower Upper

63 100

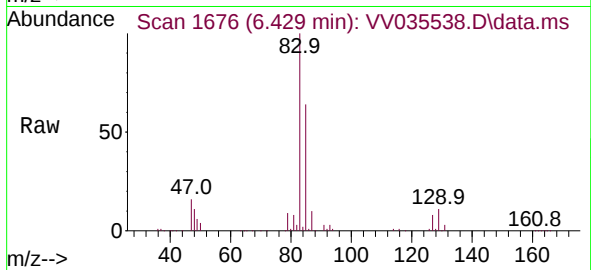
112 4.8 3.8 5.6



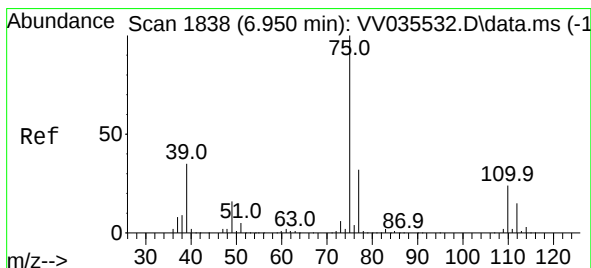
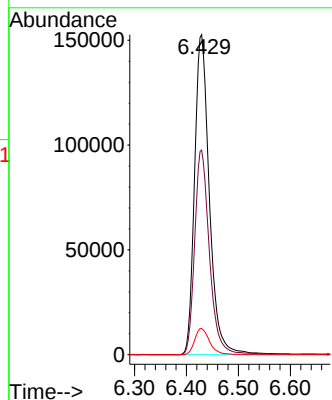
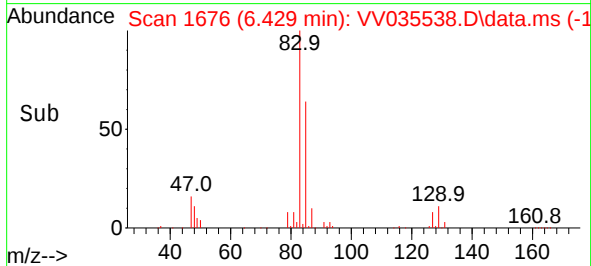


#38
Bromodichloromethane
Concen: 26.611 ug/L
RT: 6.429 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Instrument :
MSVOA_V
ClientSampleId :

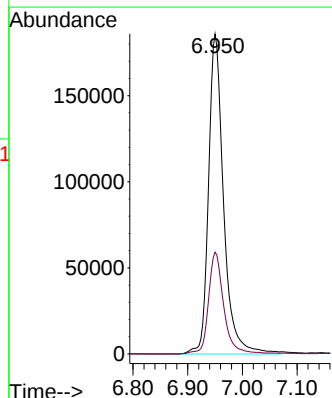
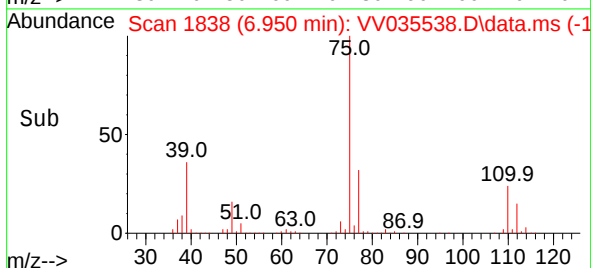
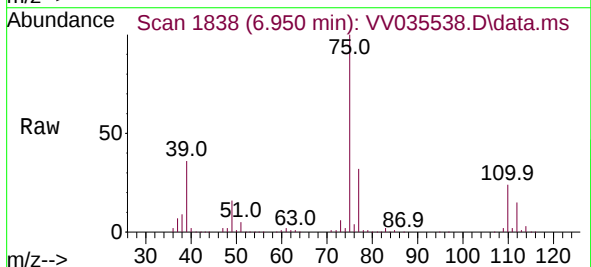


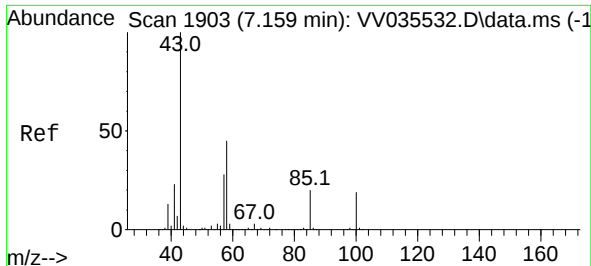
Tgt Ion: 83 Resp: 303066
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9
127 8.2 7.0 10.6



#39
cis-1,3-Dichloropropene
Concen: 26.959 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 75 Resp: 354498
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 55.750 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

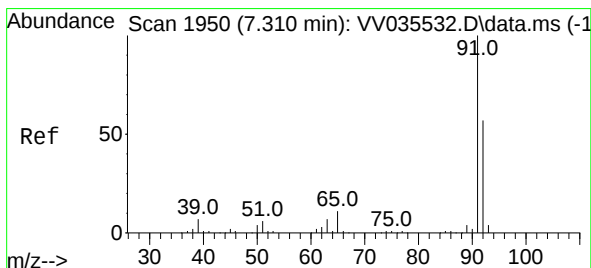
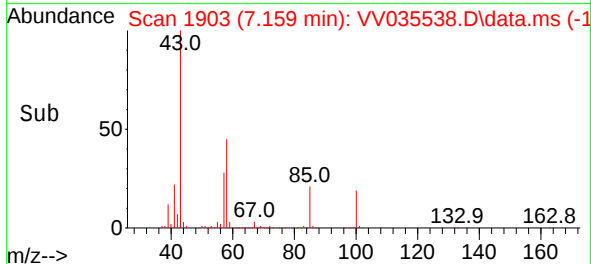
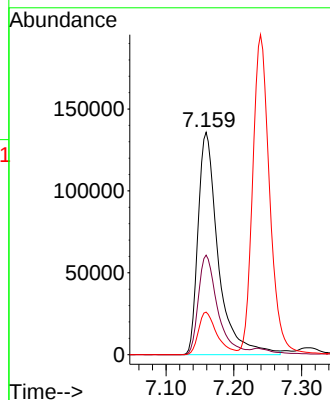
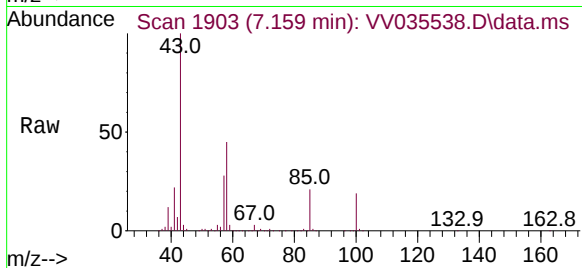
Tgt Ion: 43 Resp: 280704

Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2

100 17.6 13.9 20.9



#42

Toluene

Concen: 26.997 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035538.D

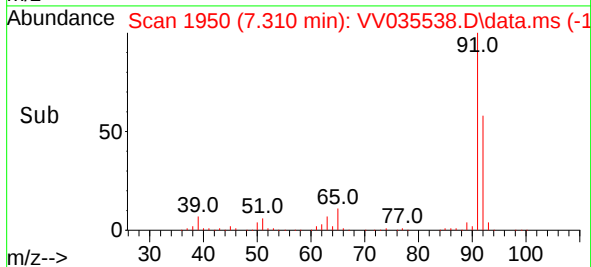
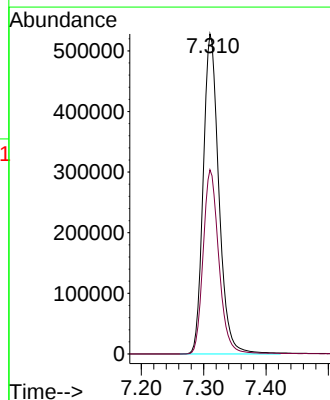
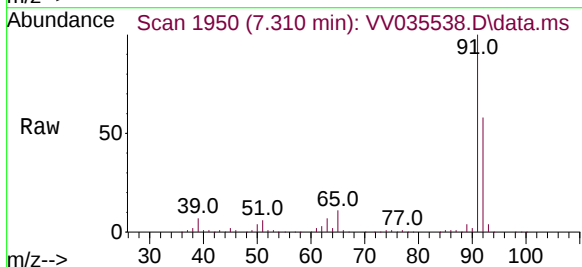
Acq: 06 May 2024 16:15

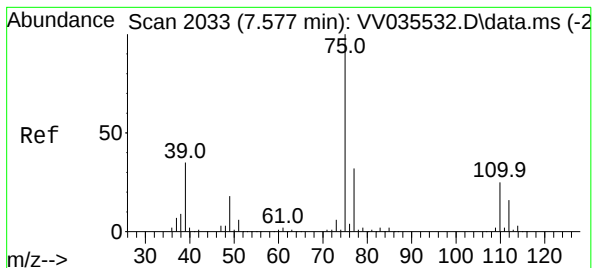
Tgt Ion: 91 Resp: 920622

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 27.519 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

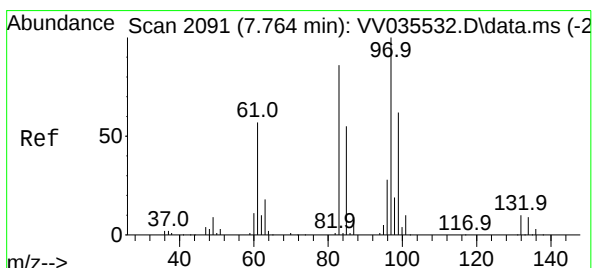
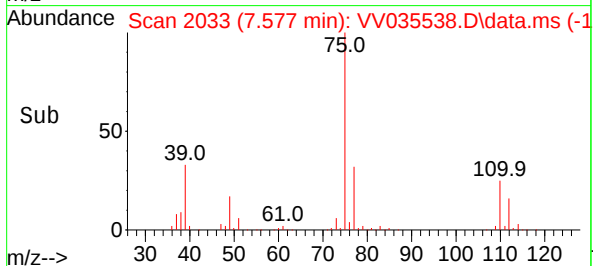
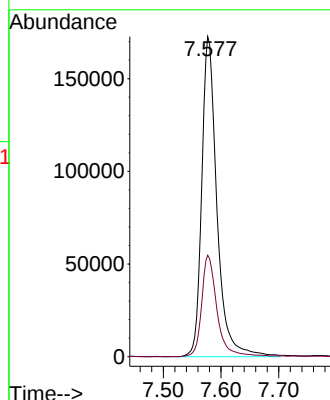
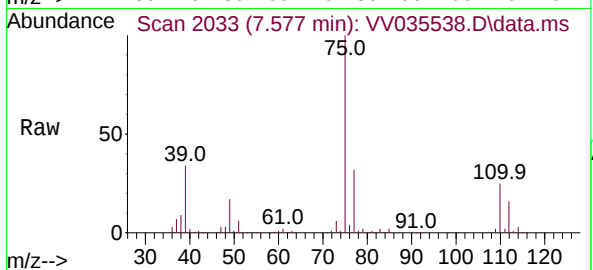
ClientSampleId :

Tgt Ion: 75 Resp: 316549

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 27.260 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Tgt Ion: 97 Resp: 194731

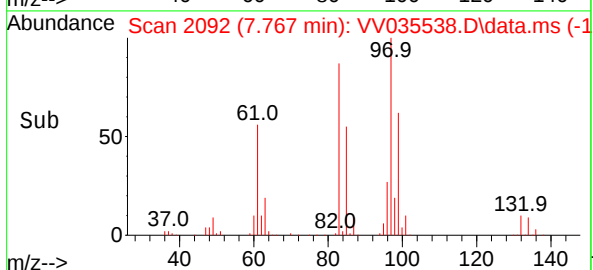
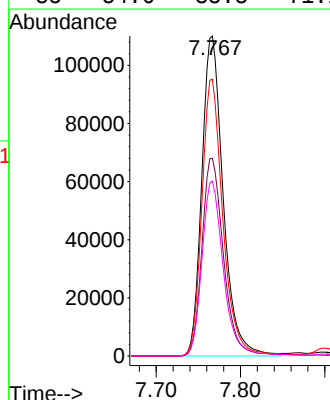
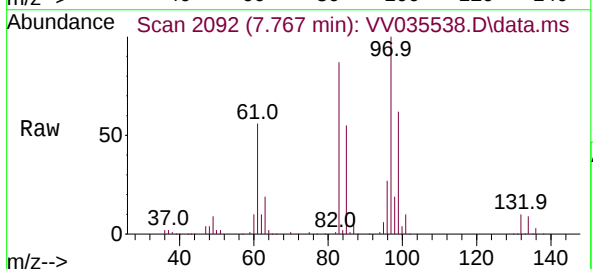
Ion Ratio Lower Upper

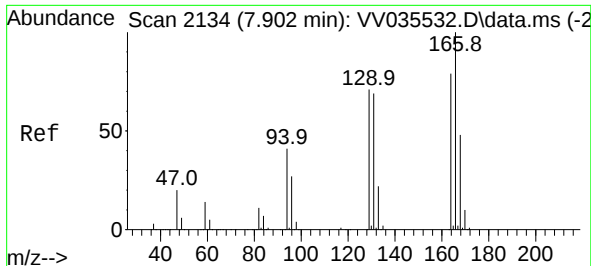
97 100

99 61.8 43.3 80.3

83 86.5 60.3 111.9

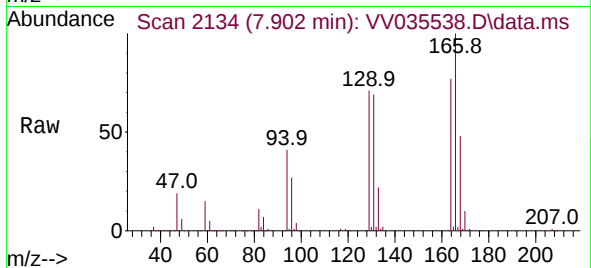
85 54.6 38.3 71.1





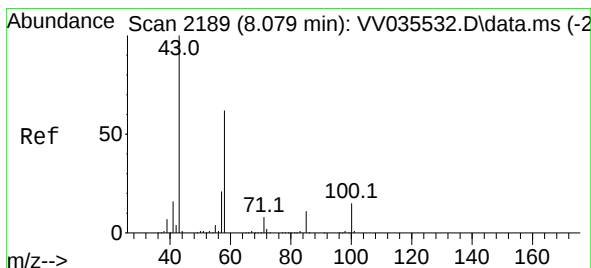
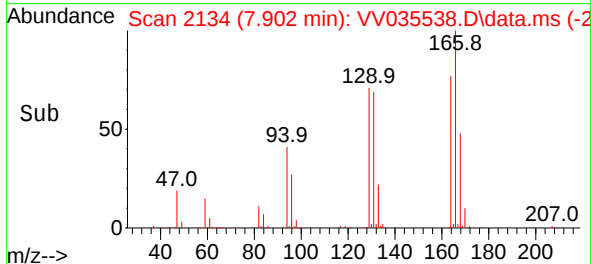
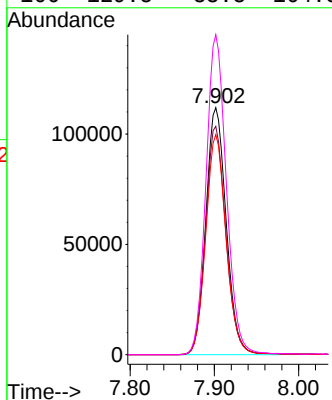
#46
Tetrachloroethene
Concen: 25.532 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 189067

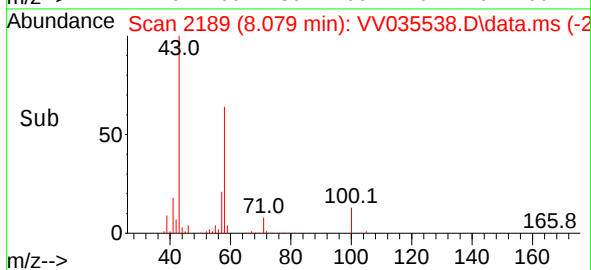
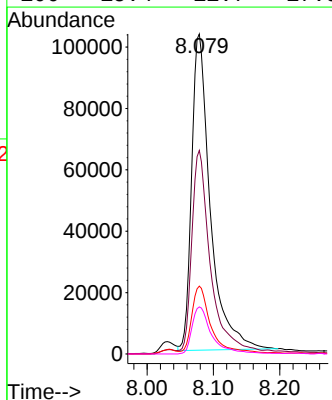
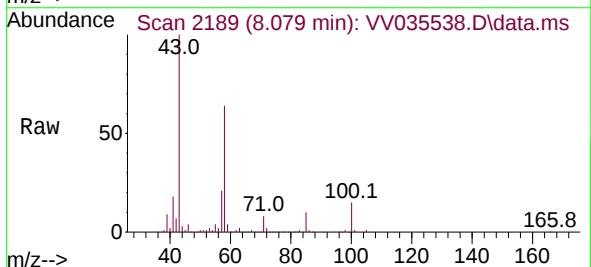
Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.4	117.8
131	89.1	61.0	113.4
166	129.5	88.8	164.8

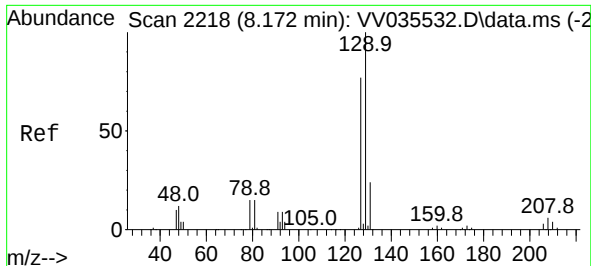


#48
2-Hexanone
Concen: 53.322 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 43 Resp: 201298

Ion	Ratio	Lower	Upper
43	100		
58	62.5	48.8	73.2
57	21.3	16.9	25.3
100	15.4	11.7	17.5





#49

Dibromochloromethane

Concen: 27.005 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

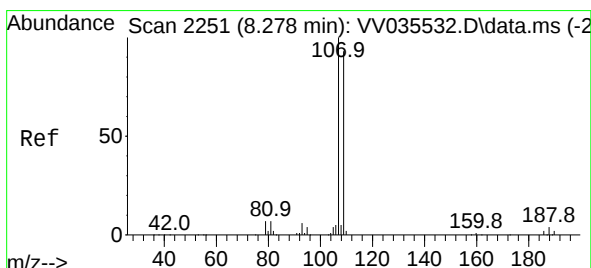
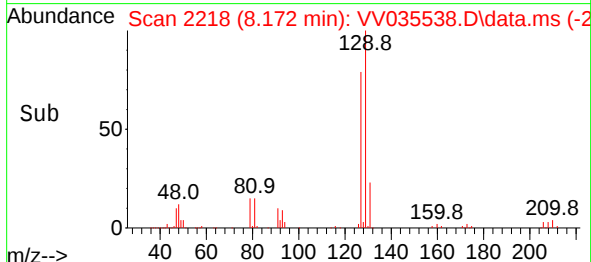
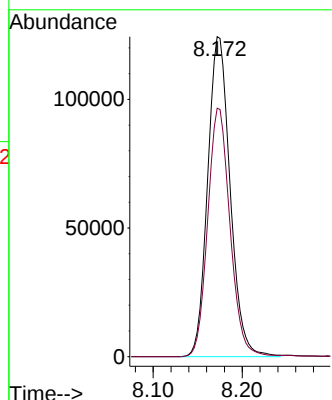
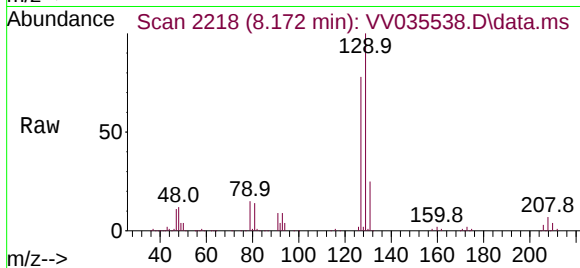
ClientSampleId :

Tgt Ion:129 Resp: 217672

Ion Ratio Lower Upper

129 100

127 77.6 53.8 99.8



#50

1,2-Dibromoethane

Concen: 26.718 ug/L

RT: 8.278 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

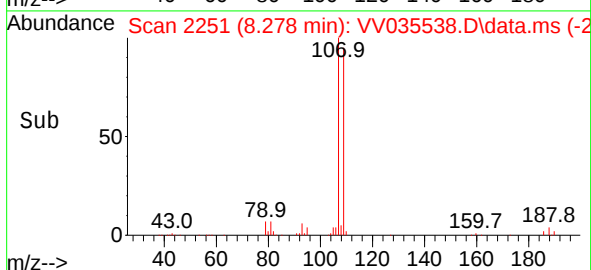
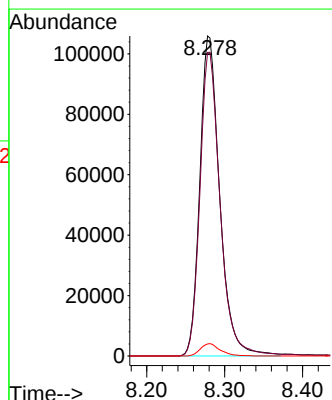
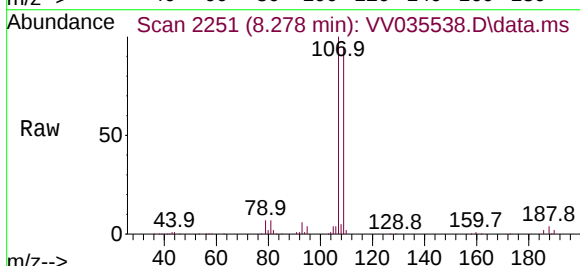
Tgt Ion:107 Resp: 188022

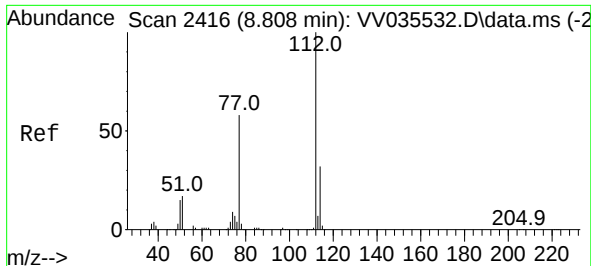
Ion Ratio Lower Upper

107 100

109 94.9 65.4 121.4

188 3.9 2.9 4.3





#51

Chlorobenzene

Concen: 26.112 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

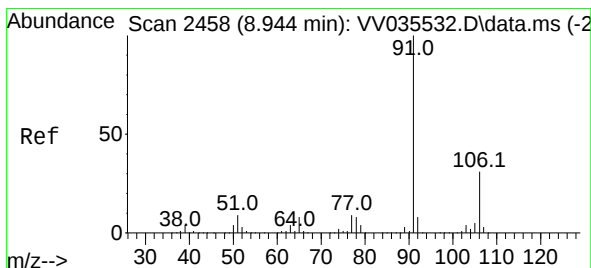
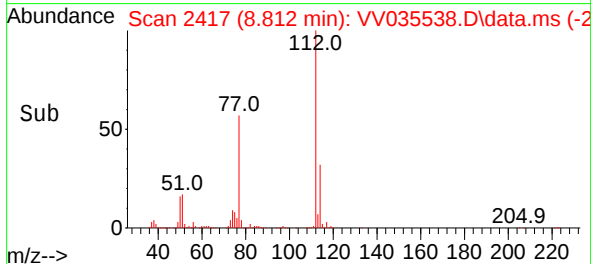
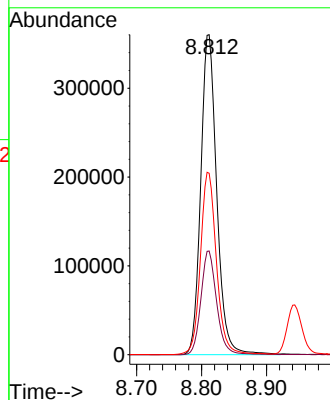
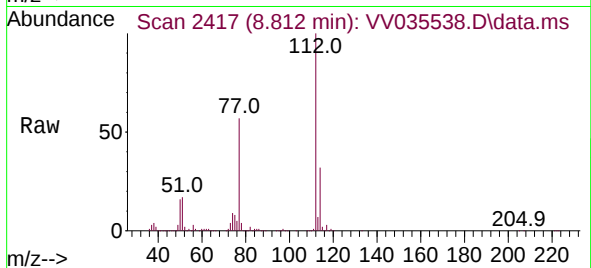
Tgt Ion:112 Resp: 617878

Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 56.7 46.6 69.8



#52

Ethylbenzene

Concen: 27.253 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035538.D

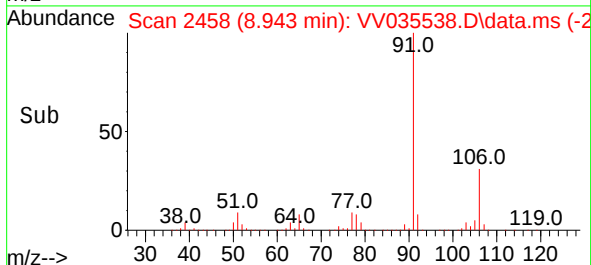
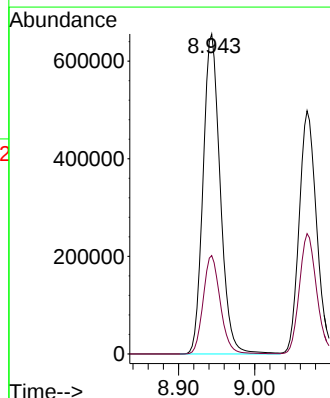
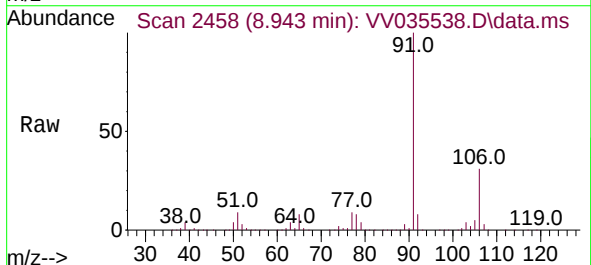
Acq: 06 May 2024 16:15

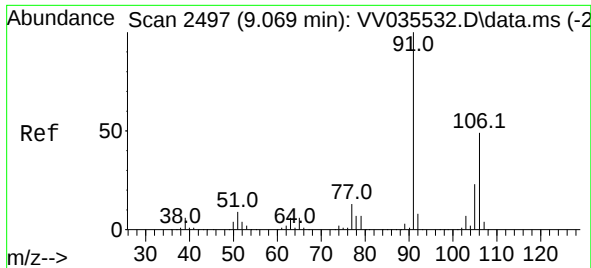
Tgt Ion: 91 Resp: 1026116

Ion Ratio Lower Upper

91 100

106 30.8 21.7 40.3

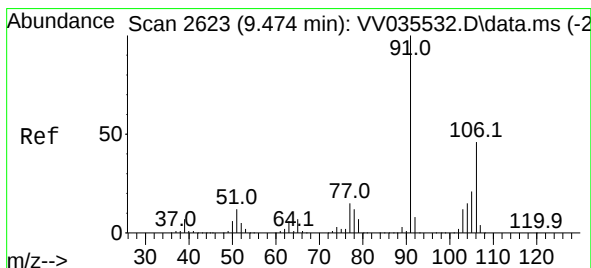
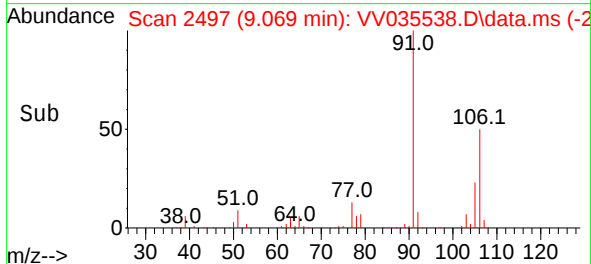
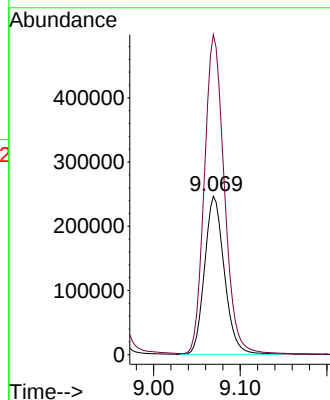
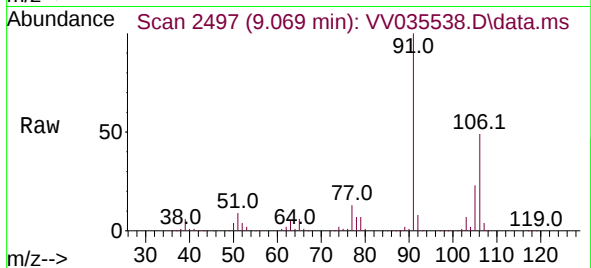




#53
m,p-Xylene
Concen: 27.311 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

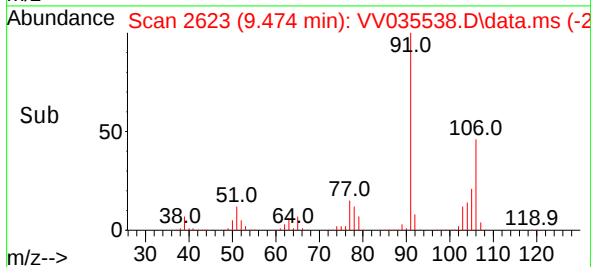
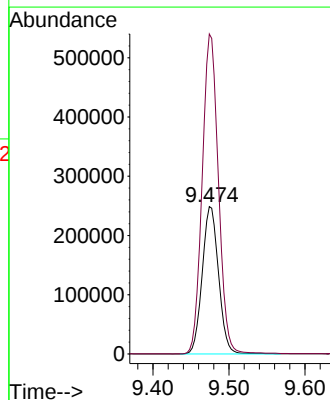
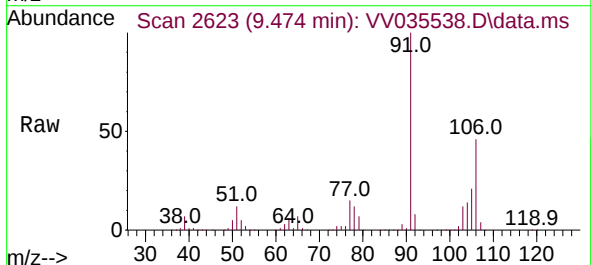
Instrument :
MSVOA_V
ClientSampleId :

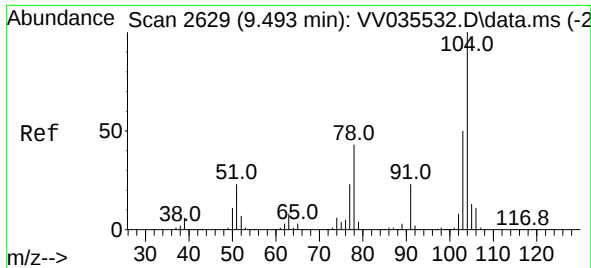
Tgt Ion:106 Resp: 390124
Ion Ratio Lower Upper
106 100
91 202.0 142.7 264.9



#54
o-Xylene
Concen: 27.430 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion:106 Resp: 371371
Ion Ratio Lower Upper
106 100
91 217.2 150.9 280.3

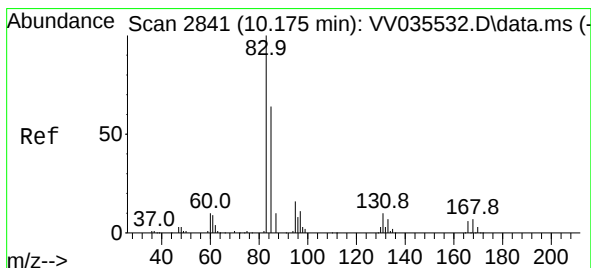
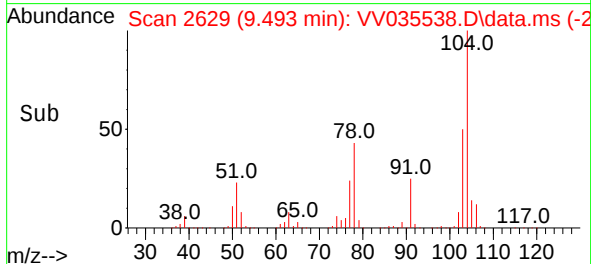
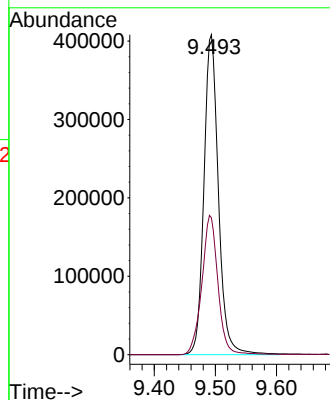
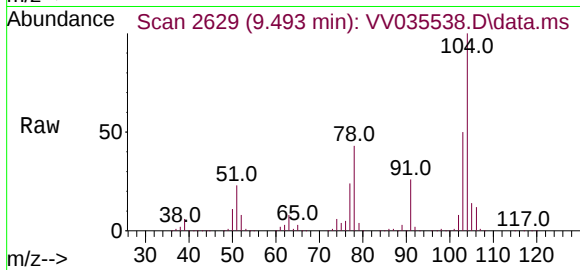




#55
Styrene
Concen: 28.530 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

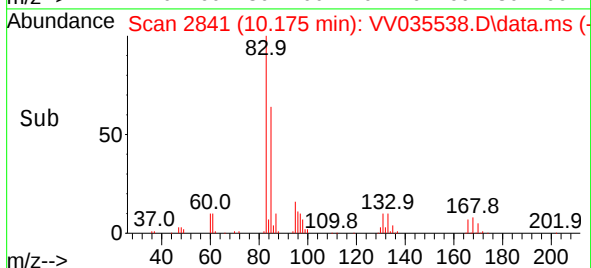
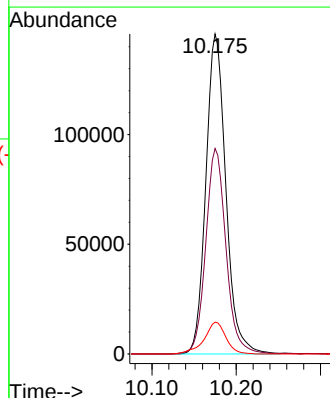
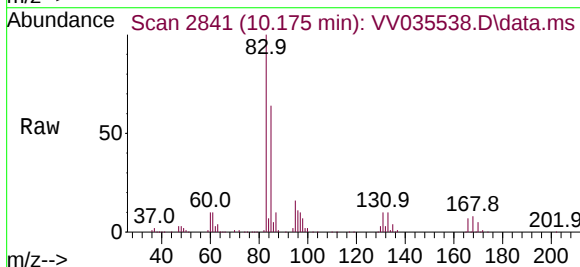
Instrument :
MSVOA_V
ClientSampleId :

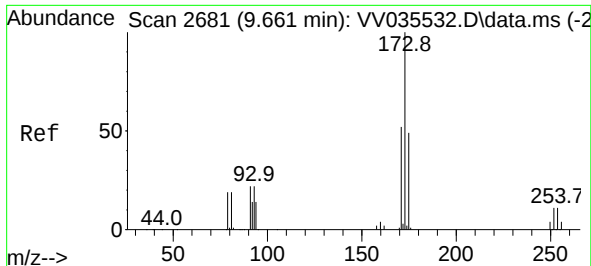
Tgt Ion:104 Resp: 673699
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6



#57
1,1,2,2-Tetrachloroethane
Concen: 27.683 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion: 83 Resp: 240885
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 10.0 8.0 12.0

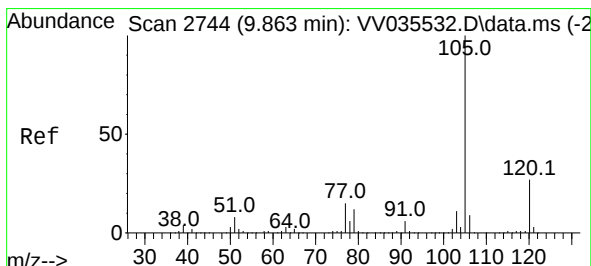
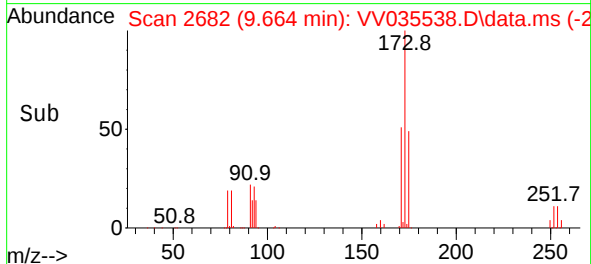
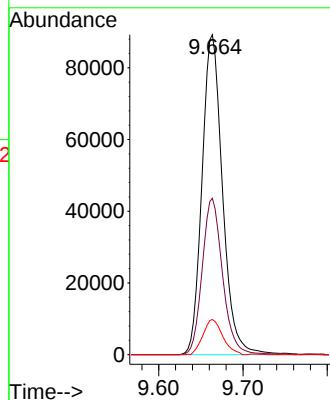
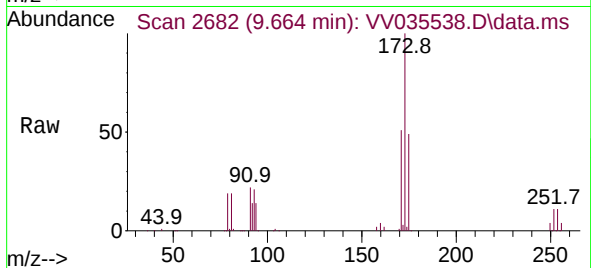




#59
Bromoform
Concen: 27.433 ug/L
RT: 9.664 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

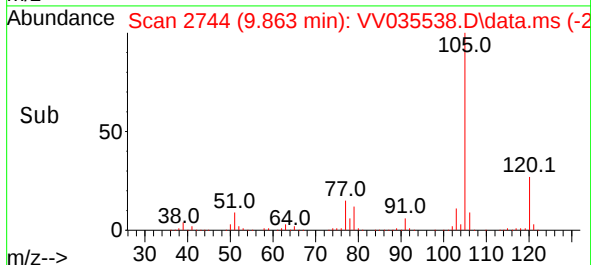
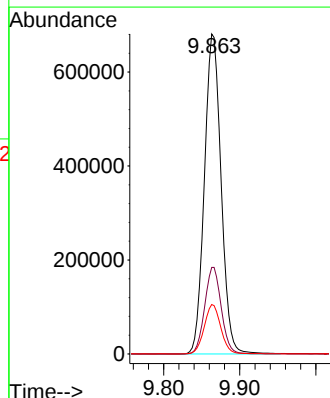
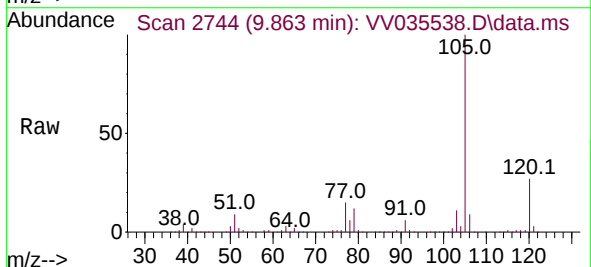
Instrument :
MSVOA_V
ClientSampleId :

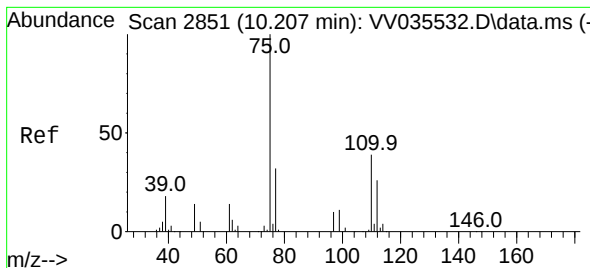
Tgt Ion:173 Resp: 151437
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 10.6 8.3 12.5



#60
Isopropylbenzene
Concen: 27.818 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VV035538.D
Acq: 06 May 2024 16:15

Tgt Ion:105 Resp: 1040882
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.3 12.2 18.2





#61

1,2,3-Trichloropropane

Concen: 27.269 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

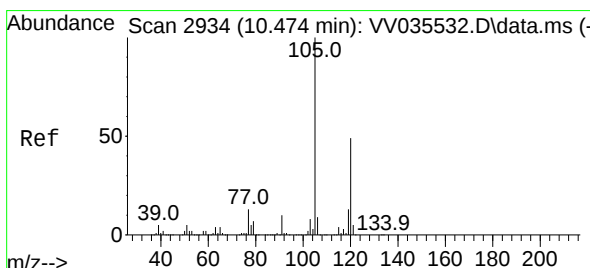
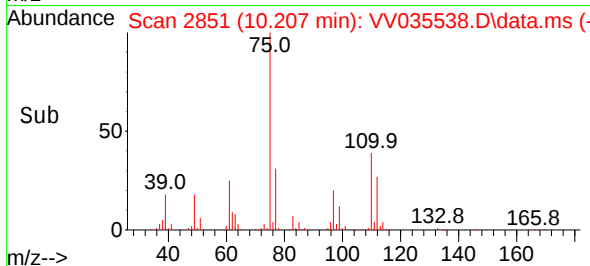
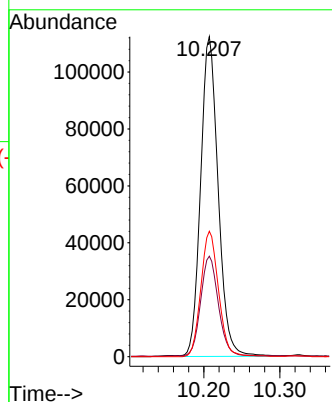
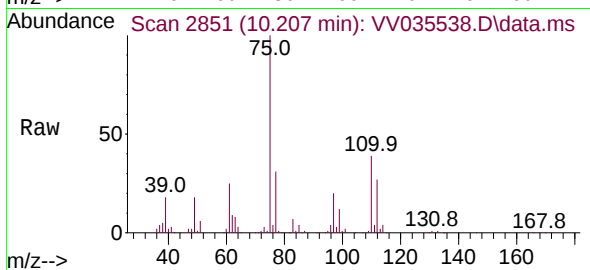
Tgt Ion: 75 Resp: 179494

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

110 39.6 31.8 47.8



#62

1,3,5-Trimethylbenzene

Concen: 28.931 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035538.D

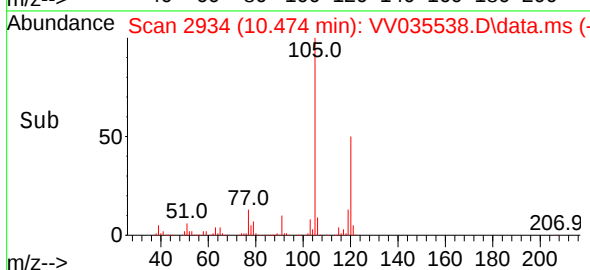
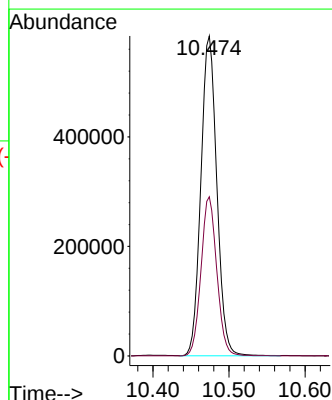
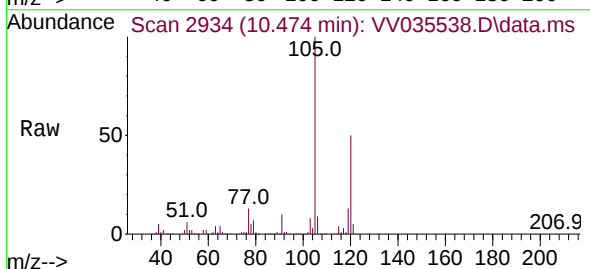
Acq: 06 May 2024 16:15

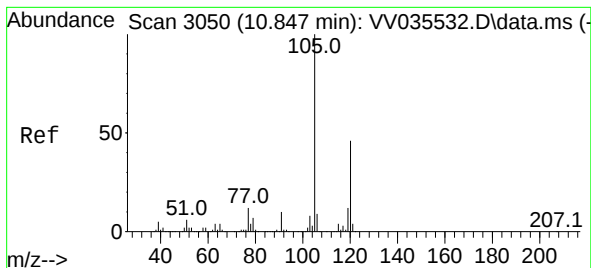
Tgt Ion:105 Resp: 849206

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0





#63

1,2,4-Trimethylbenzene

Concen: 28.246 ug/L

RT: 10.850 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

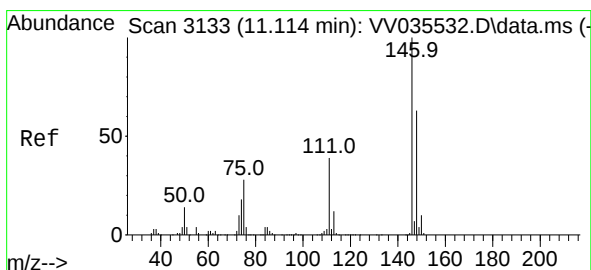
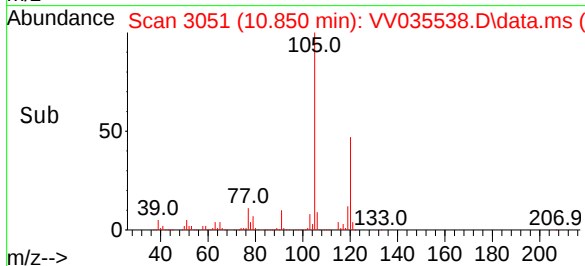
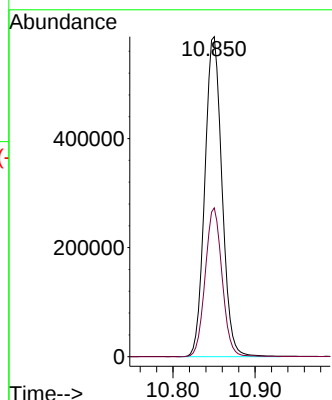
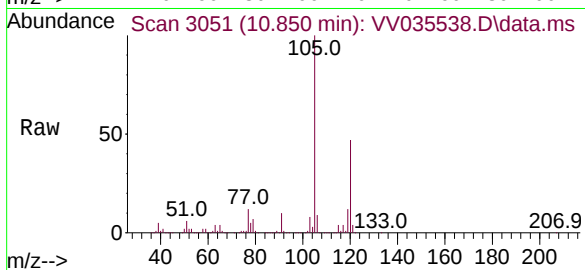
ClientSampleId :

Tgt Ion:105 Resp: 852016

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0



#64

1,3-Dichlorobenzene

Concen: 26.328 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

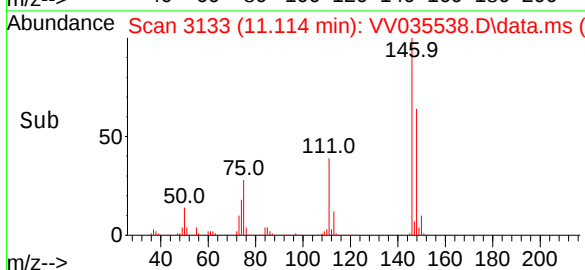
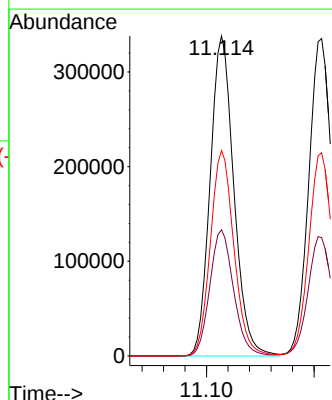
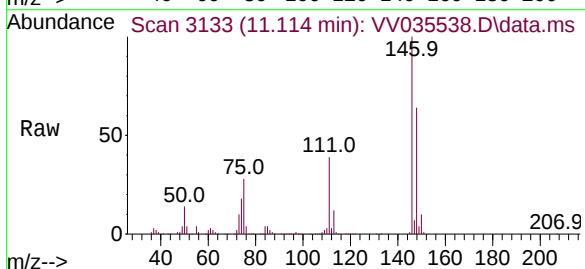
Tgt Ion:146 Resp: 516997

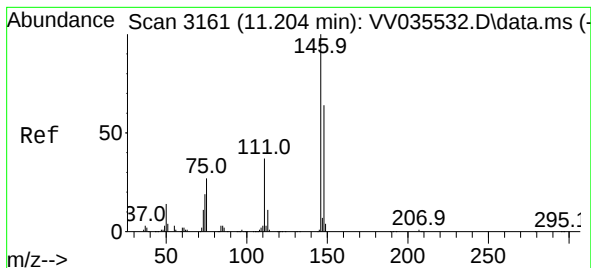
Ion Ratio Lower Upper

146 100

111 39.5 27.0 50.2

148 64.2 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 26.057 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

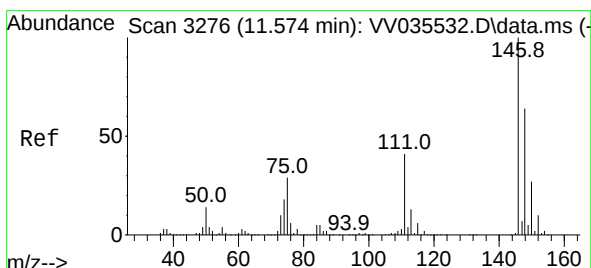
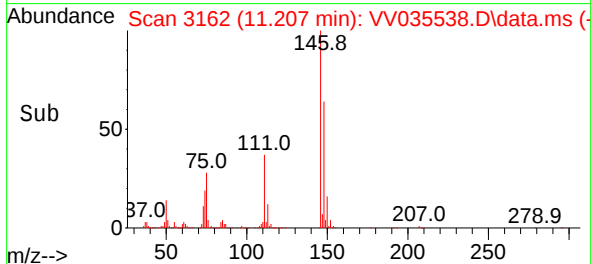
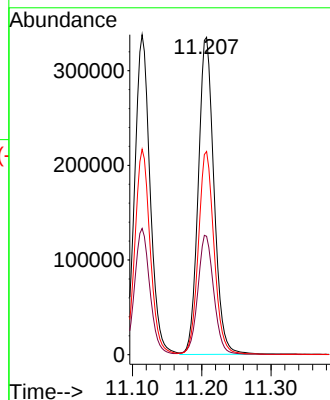
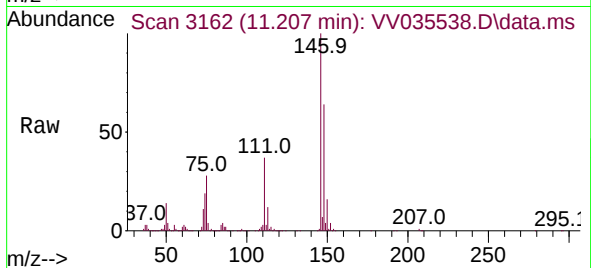
Tgt Ion:146 Resp: 529710

Ion Ratio Lower Upper

146 100

111 37.3 26.2 48.6

148 64.0 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 25.978 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

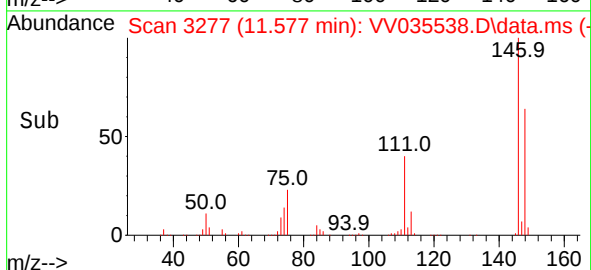
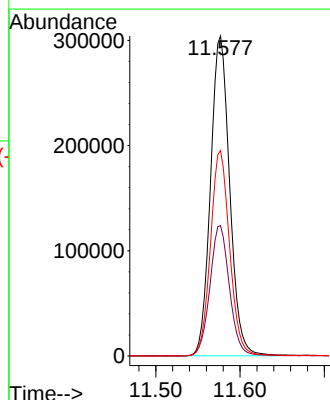
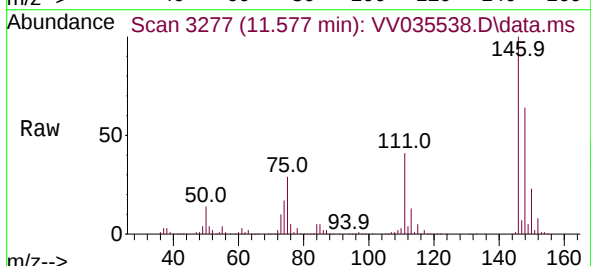
Tgt Ion:146 Resp: 480185

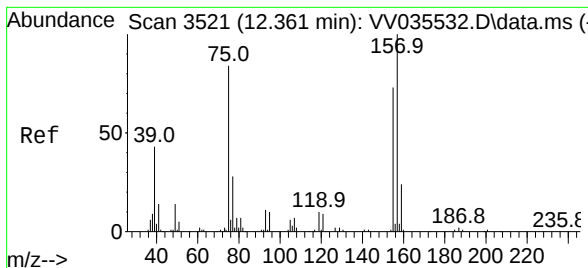
Ion Ratio Lower Upper

146 100

111 40.7 32.6 48.8

148 64.2 51.1 76.7





#68

1,2-Dibromo-3-chloropropane

Concen: 27.265 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

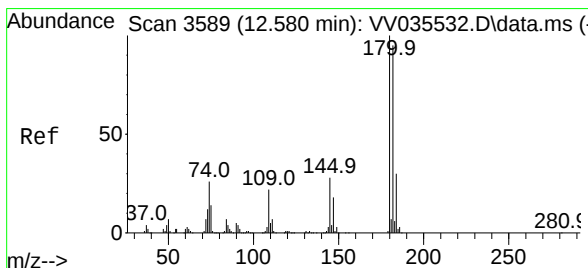
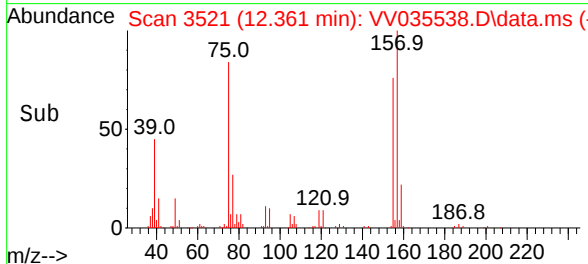
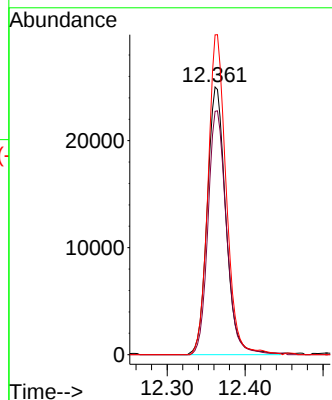
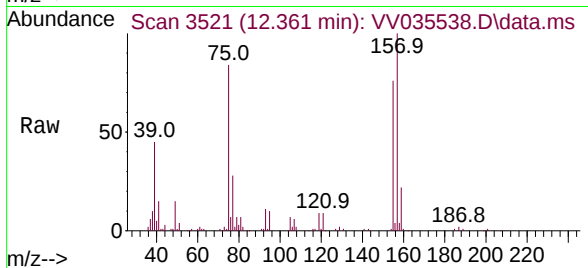
Tgt Ion: 75 Resp: 41622

Ion Ratio Lower Upper

75 100

155 90.9 69.8 104.6

157 119.5 95.0 142.6



#69

1,3,5-Trichlorobenzene

Concen: 25.933 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

Tgt Ion:180 Resp: 397945

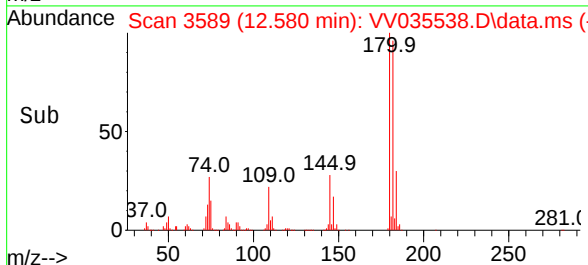
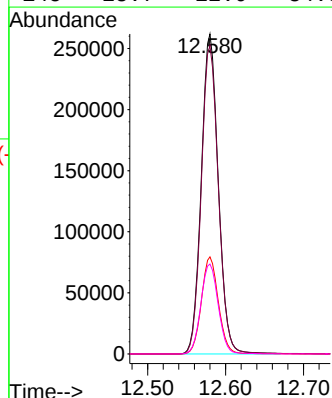
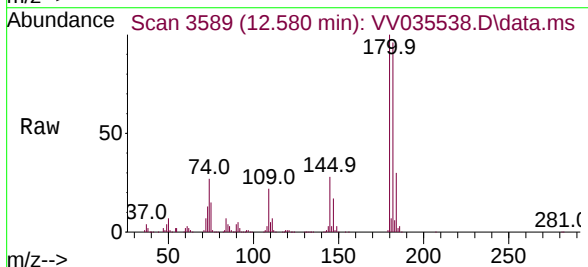
Ion Ratio Lower Upper

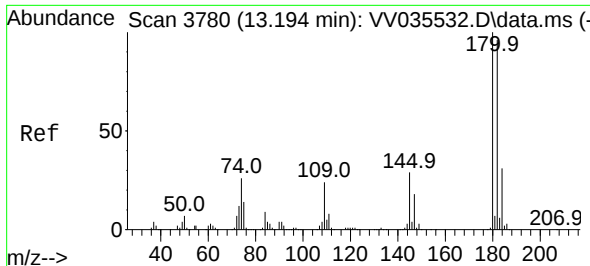
180 100

182 96.6 76.2 114.2

184 30.2 24.1 36.1

145 28.7 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 25.845 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

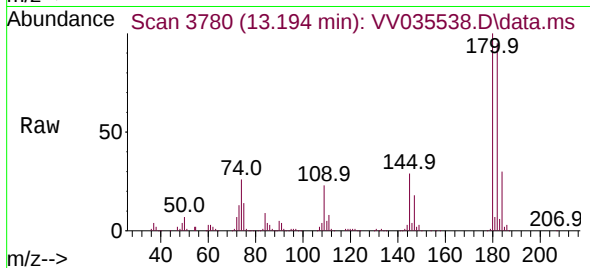
Lab File: VV035538.D

Acq: 06 May 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :



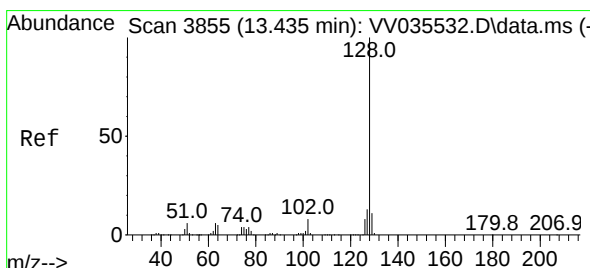
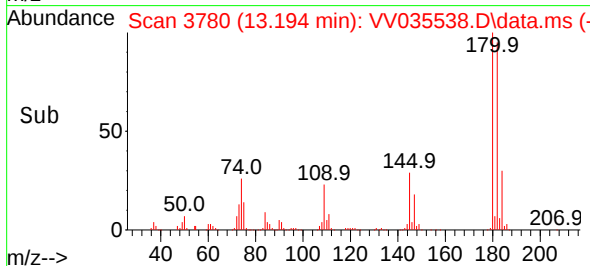
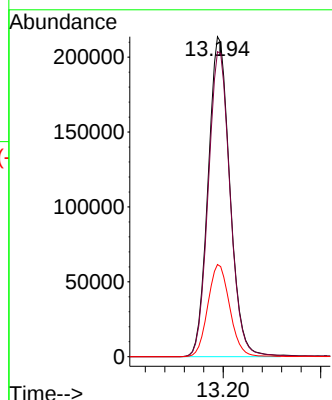
Tgt Ion:180 Resp: 331165

Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

145 29.0 23.2 34.8



#71

Naphthalene

Concen: 26.012 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035538.D

Acq: 06 May 2024 16:15

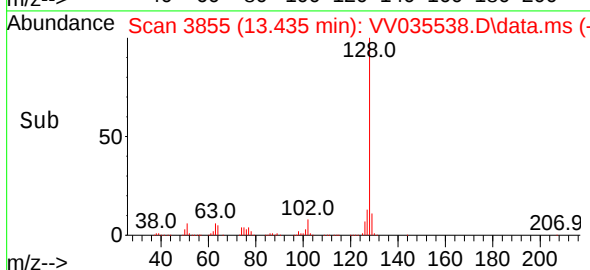
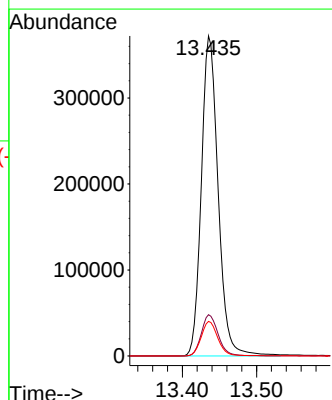
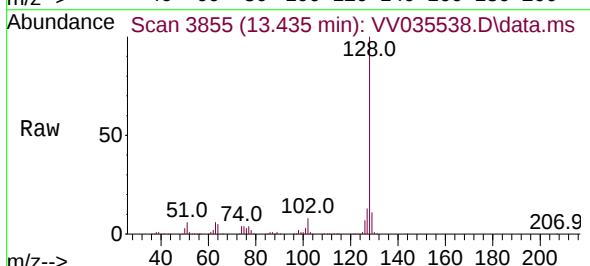
Tgt Ion:128 Resp: 585126

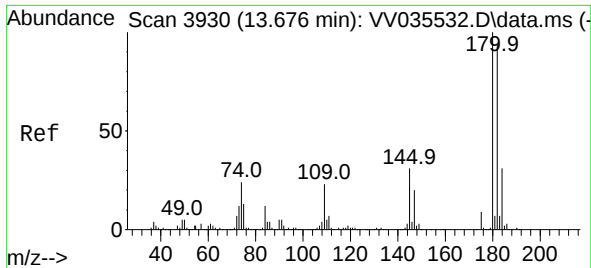
Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

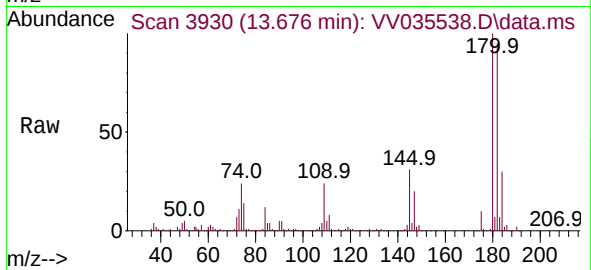
129 10.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 26.026 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. -0.000 min
 Lab File: VV035538.D
 Acq: 06 May 2024 16:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 300003
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 31.2 25.2 37.8

