

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035375.D
 Acq On : 24 Apr 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 01:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	401808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	404181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190973	49.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.420%
7) Chloroethane-d5	1.529	69	157674	46.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	2.056	65	79012	46.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.900%
21) 2-Butanone-d5	3.783	46	214447	93.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	4.243	84	351387	53.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.720%
26) 1,2-Dichloroethane-d4	4.937	65	208533	50.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
32) Benzene-d6	4.953	84	682309	50.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
36) 1,2-Dichloropropane-d6	5.985	67	214439	49.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.480%
41) Toluene-d8	7.239	98	625696	51.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
43) trans-1,3-Dichloroprop...	7.548	79	100687	48.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
47) 2-Hexanone-d5	8.021	63	128975	79.125	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.130%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	311889	52.534	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.060%
66) 1,2-Dichlorobenzene-d4	11.558	152	252812	49.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	189932	65.219	ug/L	99
3) Chloromethane	1.214	50	185234	49.477	ug/L	98
5) Vinyl chloride	1.285	62	198599	50.600	ug/L	100
6) Bromomethane	1.487	94	117522	39.946	ug/L	97
8) Chloroethane	1.548	64	128596	47.974	ug/L	97
9) Trichlorofluoromethane	1.712	101	265158	51.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	165084	52.358	ug/L	97
12) 1,1-Dichloroethene	2.069	96	145576	48.275	ug/L	88
13) Acetone	2.114	43	291456	137.942	ug/L	99
14) Carbon disulfide	2.240	76	419445	49.392	ug/L	100
15) Methyl Acetate	2.371	43	173876	52.221	ug/L	96
16) Methylene chloride	2.445	84	179595	54.964	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	160480	55.044	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	532742	52.023	ug/L	99
19) 1,1-Dichloroethane	3.108	63	328908	55.013	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	182620	55.161	ug/L	96
22) 2-Butanone	3.860	43	295892	120.685	ug/L	98
23) Bromochloromethane	4.143	128	98097	59.222	ug/L	90
25) Chloroform	4.272	83	332975	56.330	ug/L	99

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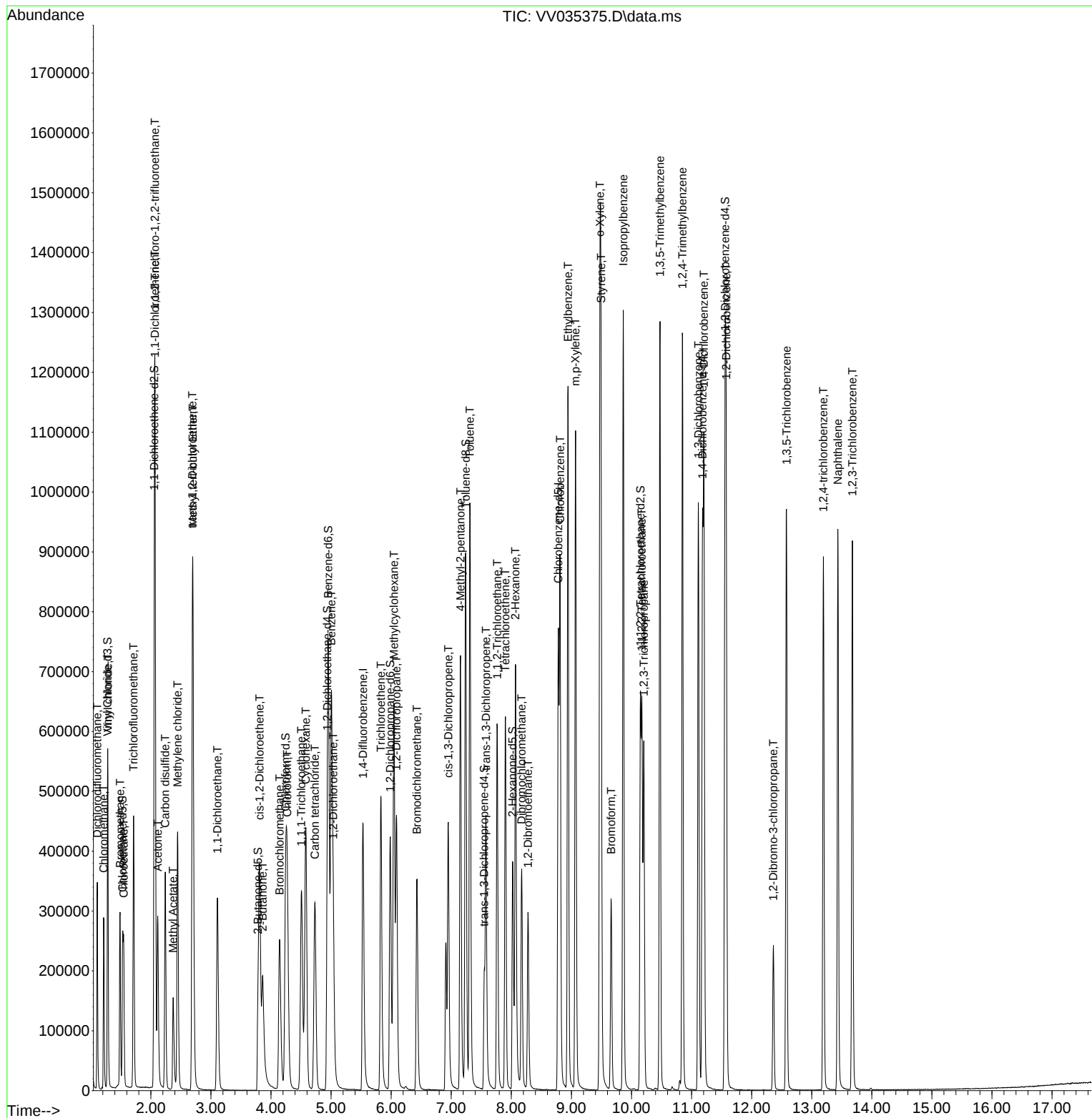
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	255330	54.252	ug/L	97
29) Cyclohexane	4.580	56	244471	48.292	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	280289	53.201	ug/L	98
31) Carbon tetrachloride	4.728	117	245698	55.022	ug/L	100
33) Benzene	5.005	78	685583	52.018	ug/L	100
34) Trichloroethene	5.828	95	182402	51.281	ug/L	98
35) Methylcyclohexane	6.046	83	278601	51.864	ug/L	98
37) 1,2-Dichloropropane	6.088	63	193548	53.139	ug/L	99
38) Bromodichloromethane	6.429	83	251332	53.482	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	292648	51.004	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	456252	98.112	ug/L	97
42) Toluene	7.310	91	735371	53.294	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	275000	52.169	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	188551	54.923	ug/L	99
46) Tetrachloroethene	7.902	164	145482	58.544	ug/L	97
48) 2-Hexanone	8.069	43	433044	109.489	ug/L	95
49) Dibromochloromethane	8.172	129	190402	55.999	ug/L	99
50) 1,2-Dibromoethane	8.278	107	200154	54.154	ug/L	99
51) Chlorobenzene	8.812	112	485583	54.298	ug/L	98
52) Ethylbenzene	8.943	91	807980	52.835	ug/L	98
53) m,p-Xylene	9.069	106	305731	54.288	ug/L	100
54) o-Xylene	9.474	106	297639	53.415	ug/L	99
55) Styrene	9.493	104	538642	57.202	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	309580	55.657	ug/L	98
59) Bromoform	9.660	173	143998	55.339	ug/L	98
60) Isopropylbenzene	9.863	105	815806	49.837	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	238117	48.395	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	657903	61.885	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	667333	50.771	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	407176	53.228	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	420574	54.064	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	410108	53.817	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	61176	45.130	ug/L	86
69) 1,3,5-Trichlorobenzene	12.580	180	314766	57.093	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	281503	55.586	ug/L	99
71) Naphthalene	13.435	128	717744	51.084	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	285996	57.292	ug/L	99

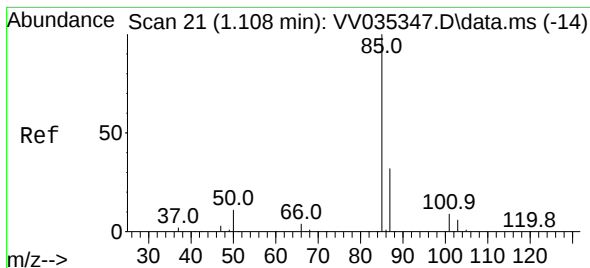
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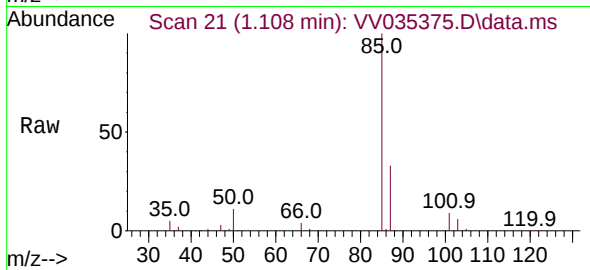
Quant Time: Apr 25 01:53:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
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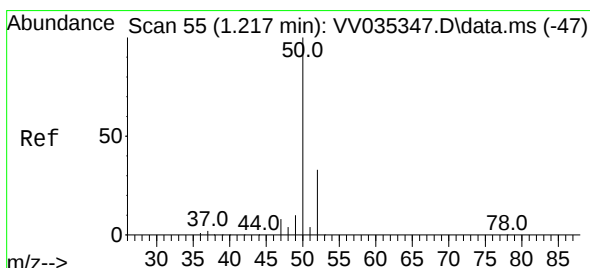
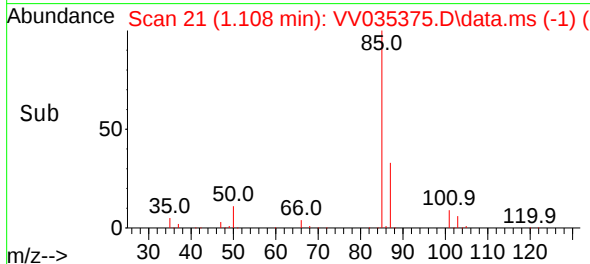
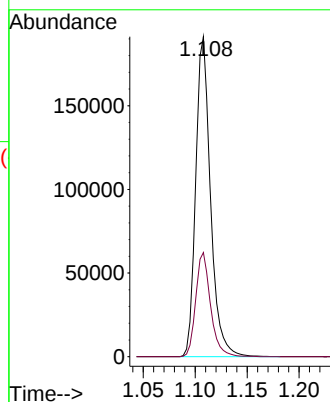


#2
 Dichlorodifluoromethane
 Concen: 65.219 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035375.D
 Acq: 24 Apr 2024 10:06

Instrument :
 MSVOA_V
 ClientSampleId :

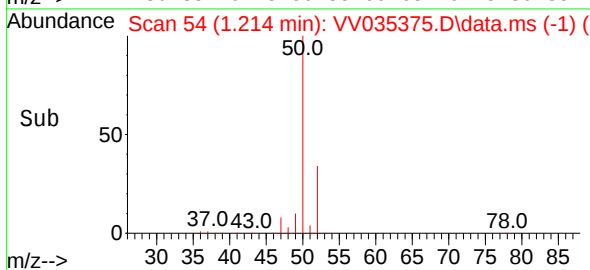
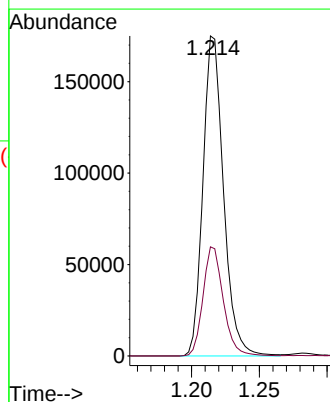
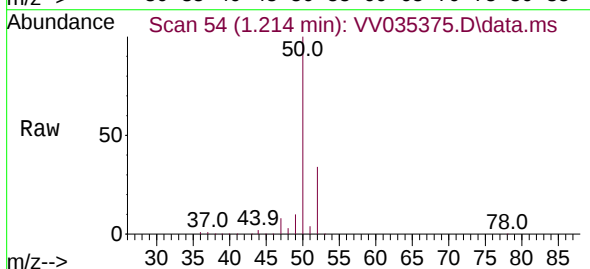


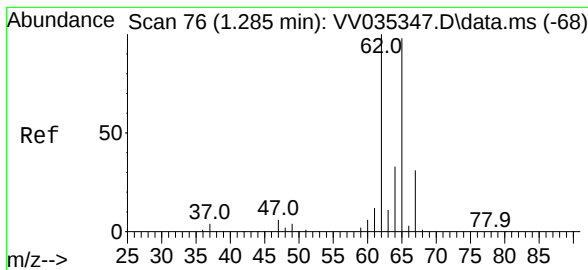
Tgt Ion: 85 Resp: 189932
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.7 38.5



#3
 Chloromethane
 Concen: 49.477 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035375.D
 Acq: 24 Apr 2024 10:06

Tgt Ion: 50 Resp: 185234
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.0 42.8

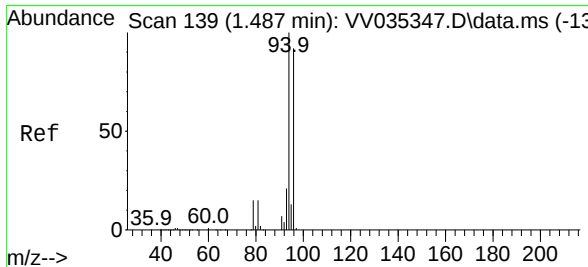
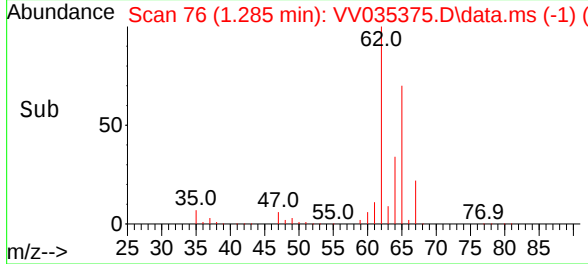
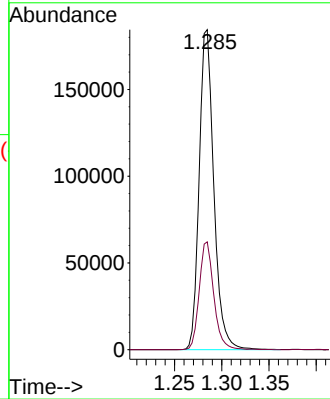
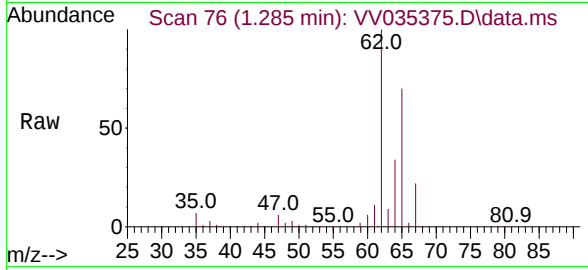




#5
 Vinyl chloride
 Concen: 50.600 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV035375.D
 Acq: 24 Apr 2024 10:06

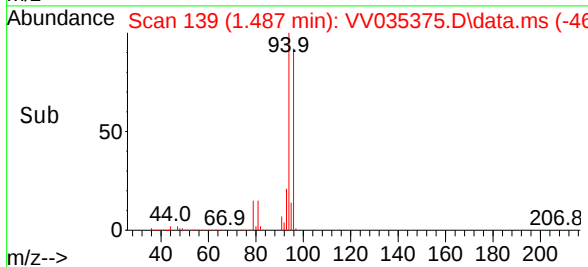
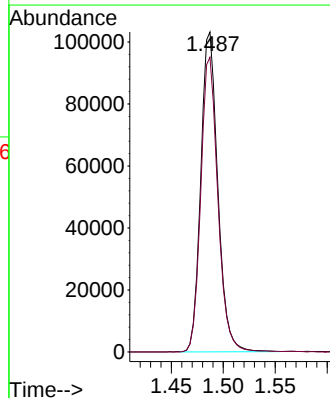
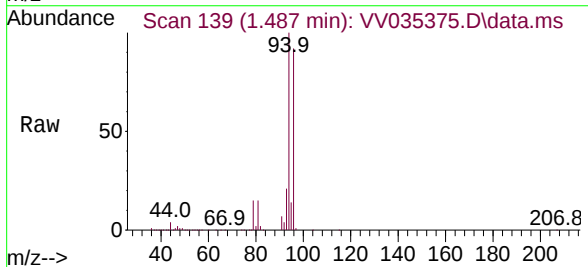
Instrument :
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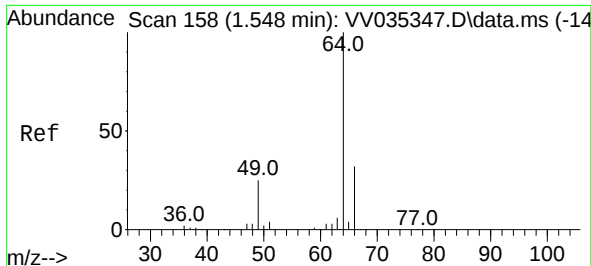
Tgt Ion: 62 Resp: 198599
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.6 43.8



#6
 Bromomethane
 Concen: 39.946 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV035375.D
 Acq: 24 Apr 2024 10:06

Tgt Ion: 94 Resp: 117522
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.3 123.1

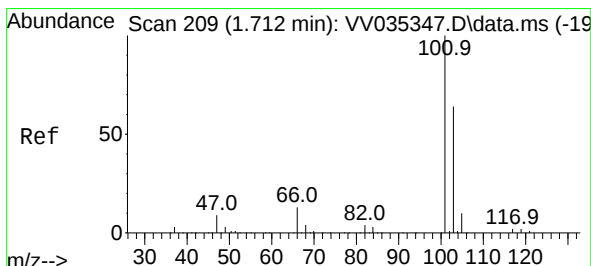
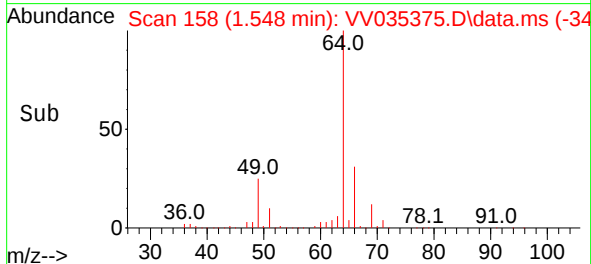
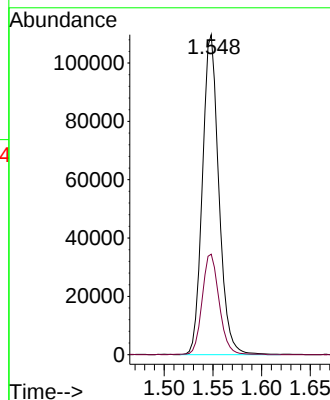
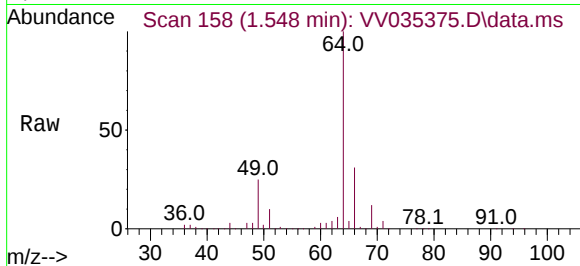




#8
Chloroethane
Concen: 47.974 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

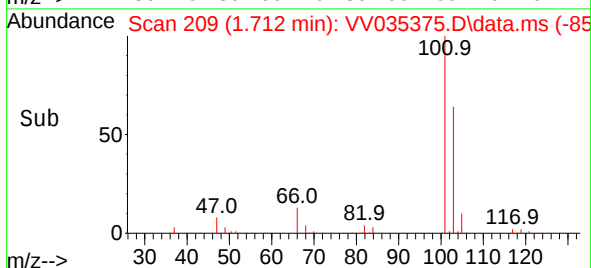
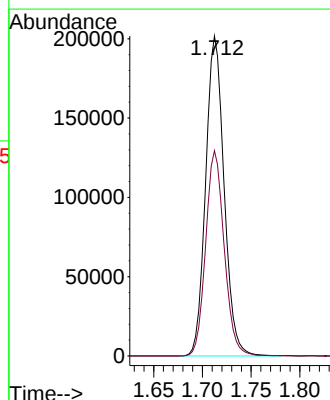
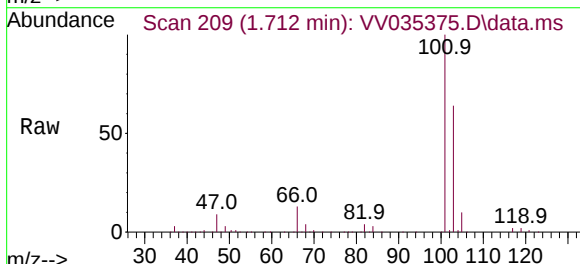
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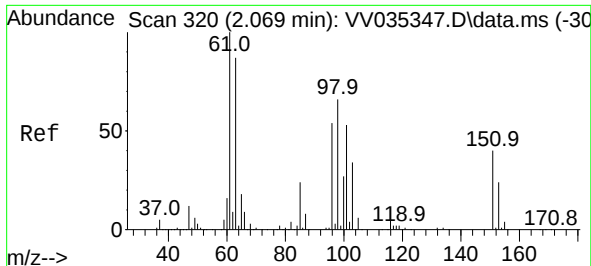
Tgt Ion: 64 Resp: 128596
Ion Ratio Lower Upper
64 100
66 31.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 51.473 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion:101 Resp: 265158
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

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

Concen: 52.358 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

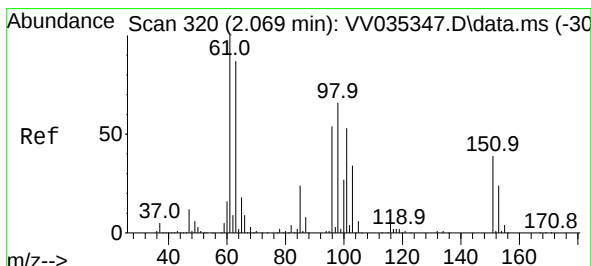
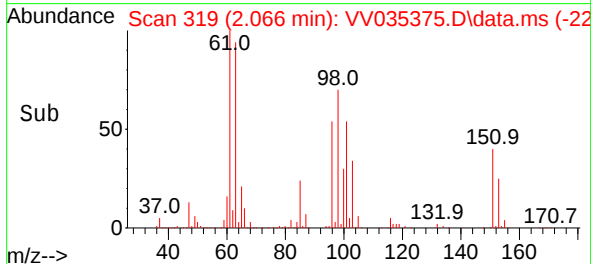
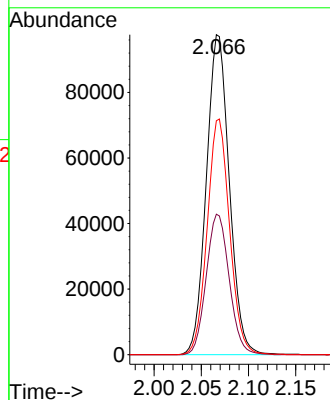
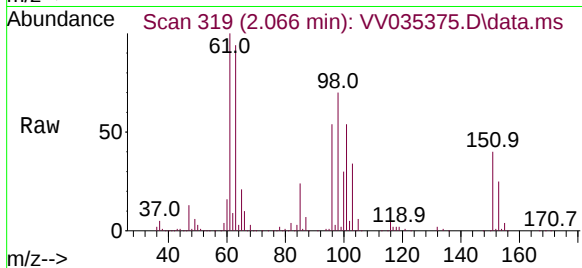
Tgt Ion:101 Resp: 165084

Ion Ratio Lower Upper

101 100

85 43.8 35.3 52.9

151 72.0 55.0 82.4



#12

1,1-Dichloroethene

Concen: 48.275 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

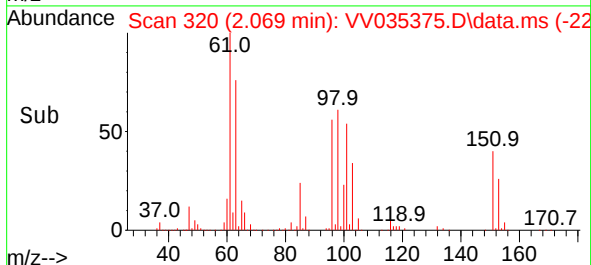
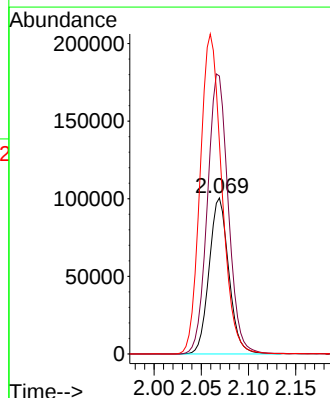
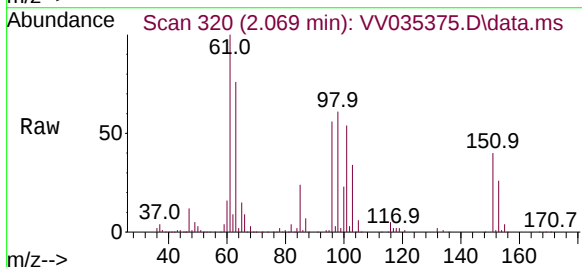
Tgt Ion: 96 Resp: 145576

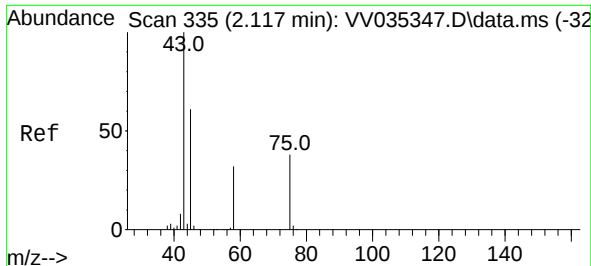
Ion Ratio Lower Upper

96 100

61 178.2 131.5 244.3

63 135.8 111.4 206.8





#13

Acetone

Concen: 137.942 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

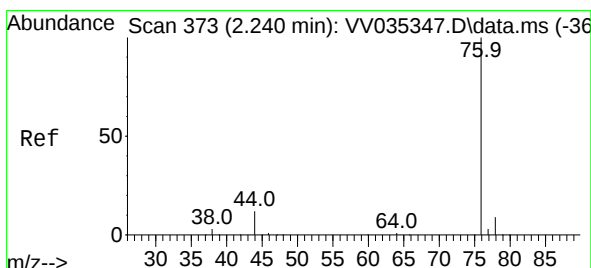
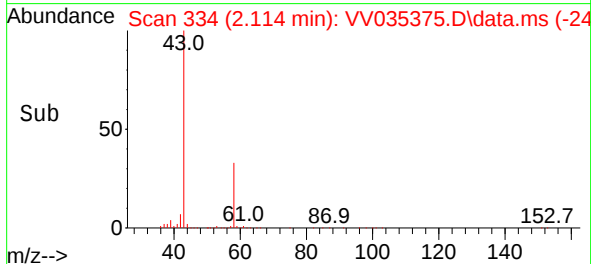
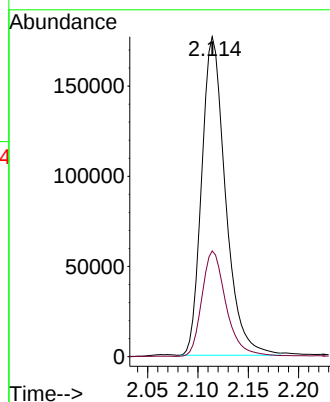
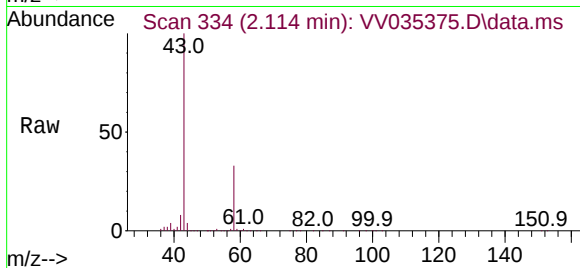
ClientSampleId :

Tgt Ion: 43 Resp: 291456

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.0



#14

Carbon disulfide

Concen: 49.392 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

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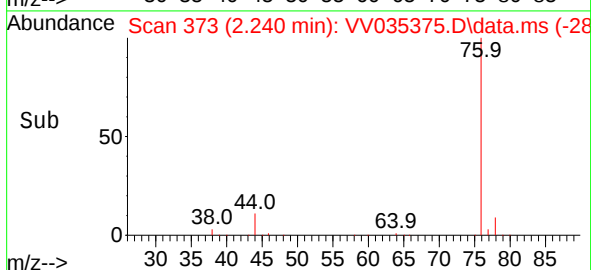
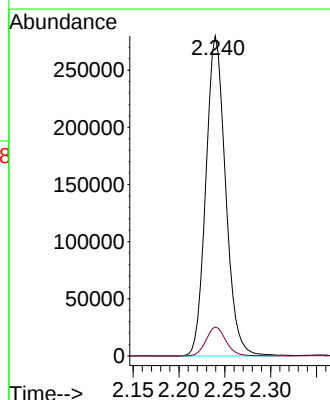
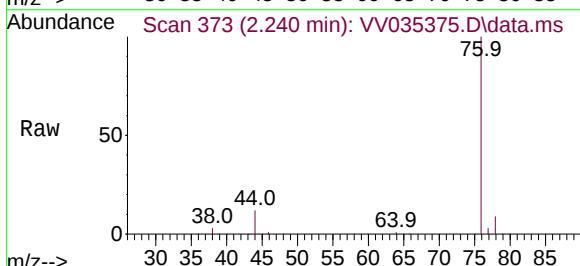
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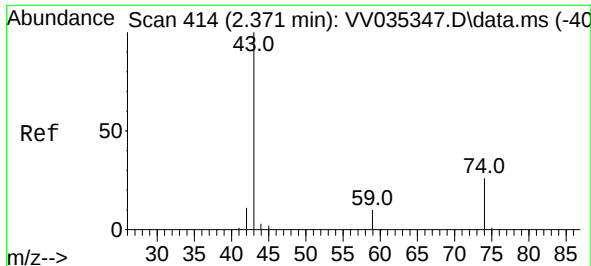
Tgt Ion: 76 Resp: 419445

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 52.221 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

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MSVOA_V

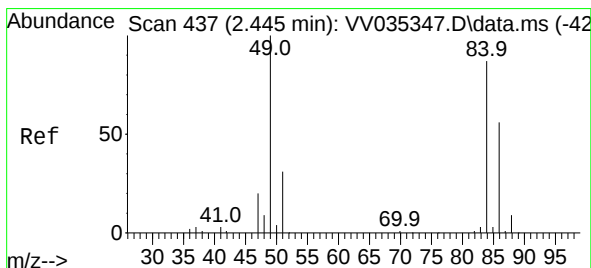
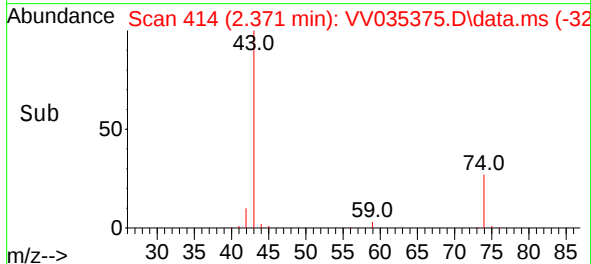
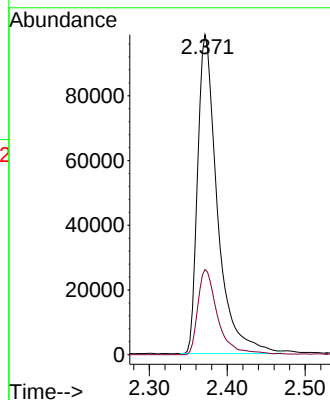
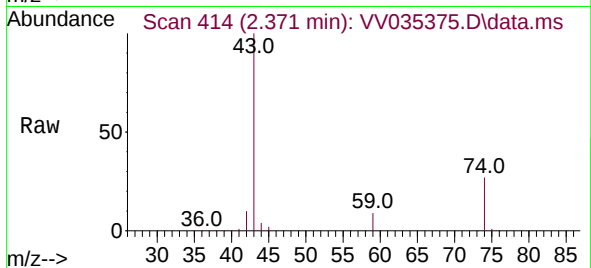
ClientSampleId :

Tgt Ion: 43 Resp: 173876

Ion Ratio Lower Upper

43 100

74 26.7 19.8 29.8



#16

Methylene chloride

Concen: 54.964 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

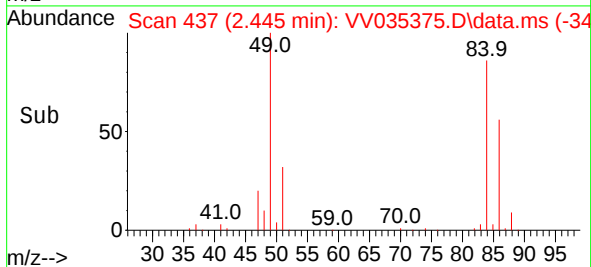
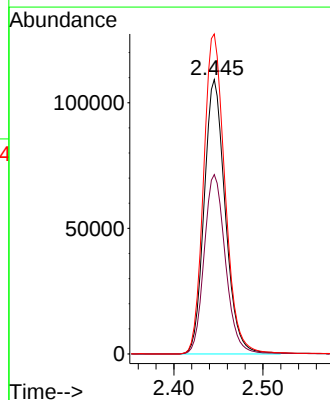
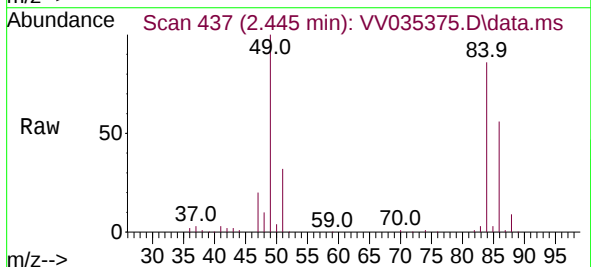
Tgt Ion: 84 Resp: 179595

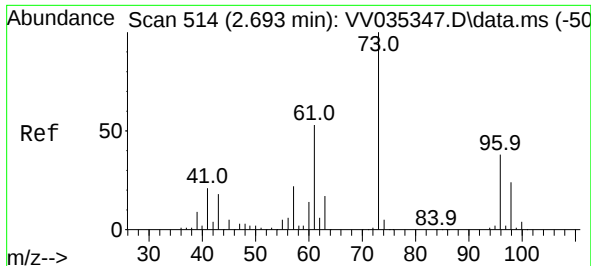
Ion Ratio Lower Upper

84 100

86 65.4 44.6 82.8

49 116.6 86.9 161.3

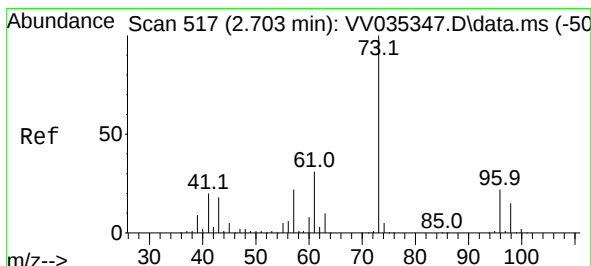
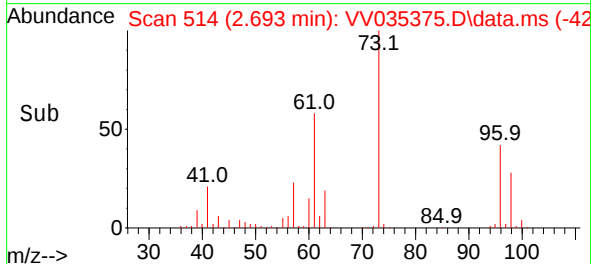
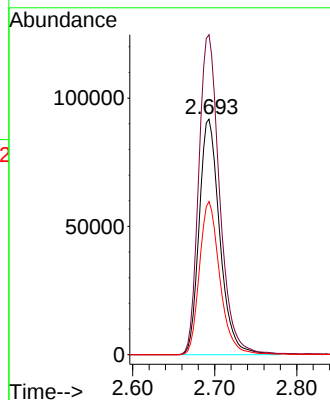
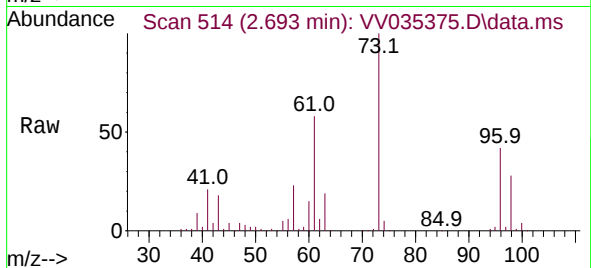




#17
trans-1,2-Dichloroethene
Concen: 55.044 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

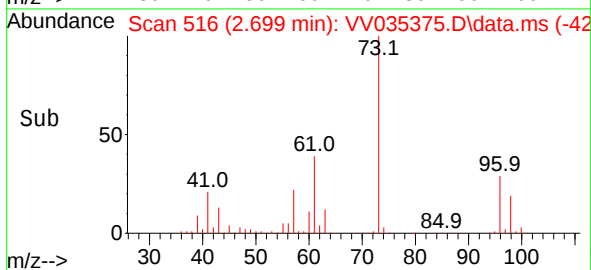
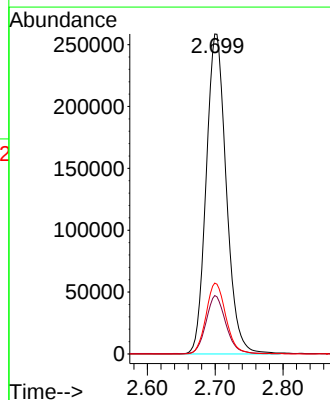
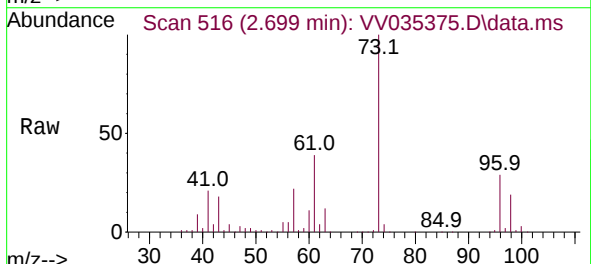
Instrument :
MSVOA_V
ClientSampleId :

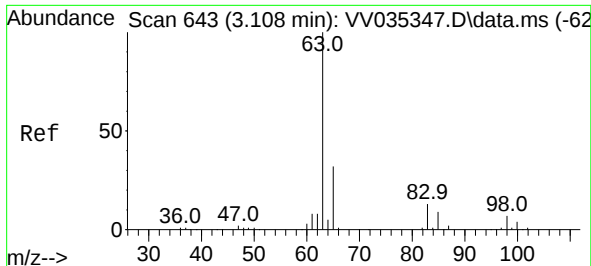
Tgt Ion: 96 Resp: 160480
Ion Ratio Lower Upper
96 100
61 135.9 99.0 183.8
98 65.0 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 52.023 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion: 73 Resp: 532742
Ion Ratio Lower Upper
73 100
43 17.8 14.6 21.8
57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 55.013 ug/L

RT: 3.108 min Scan# 643

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

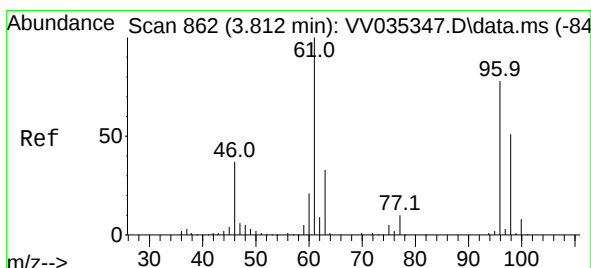
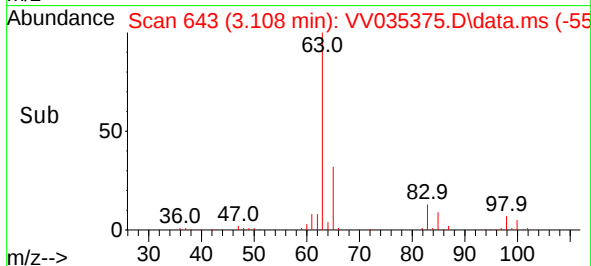
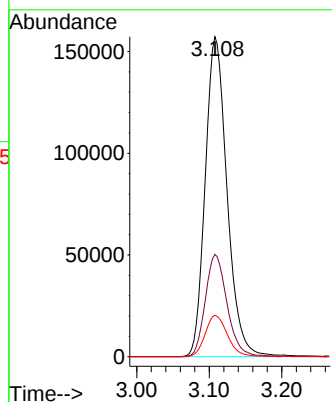
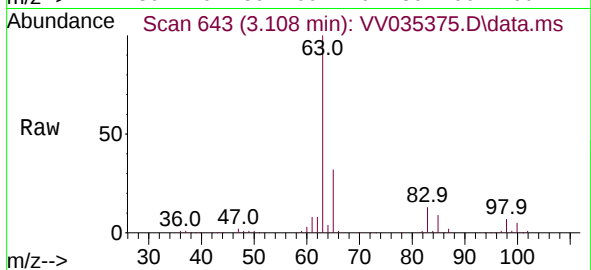
Tgt Ion: 63 Resp: 328908

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.6

83 12.9 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 55.161 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

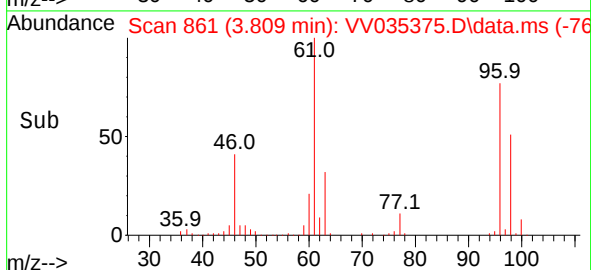
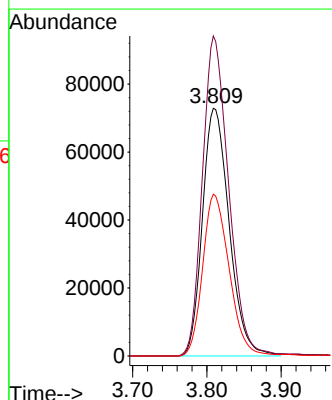
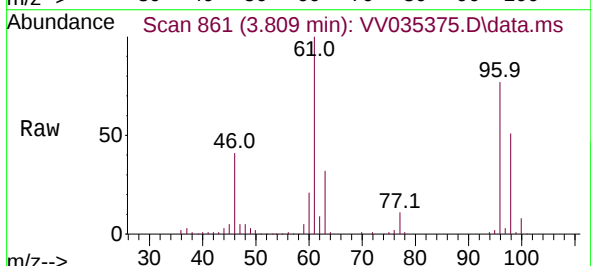
Tgt Ion: 96 Resp: 182620

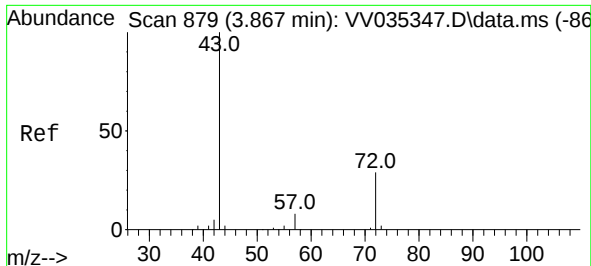
Ion Ratio Lower Upper

96 100

61 129.2 94.9 176.3

98 65.3 45.6 84.8





#22

2-Butanone

Concen: 120.685 ug/L

RT: 3.860 min Scan# 81

Delta R.T. -0.006 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

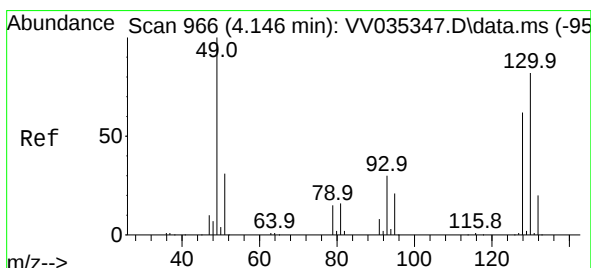
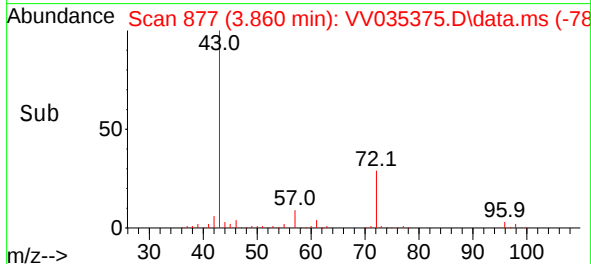
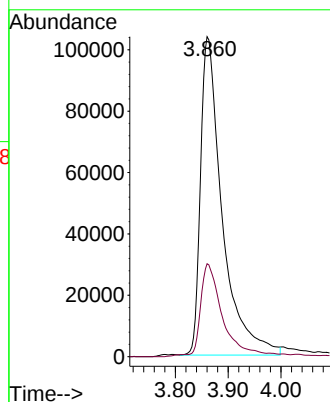
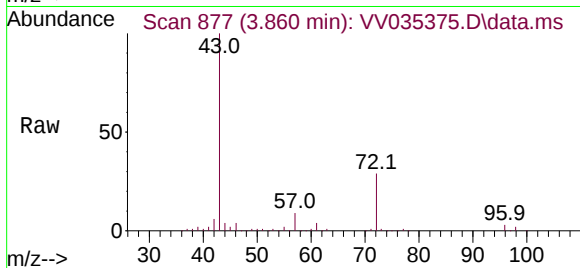
ClientSampleId :

Tgt Ion: 43 Resp: 295892

Ion Ratio Lower Upper

43 100

72 27.5 13.2 39.6



#23

Bromochloromethane

Concen: 59.222 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Tgt Ion:128 Resp: 98097

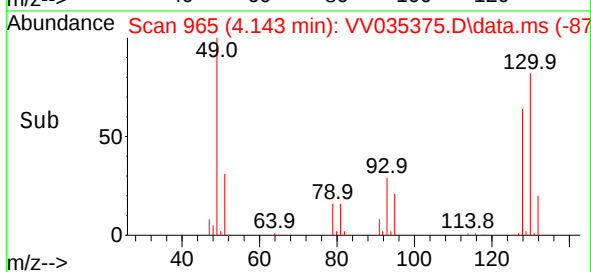
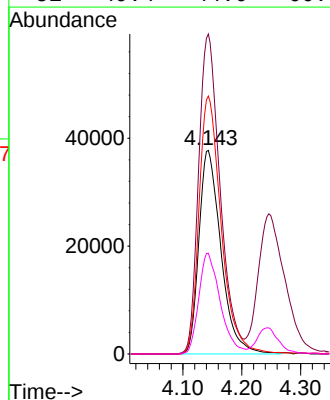
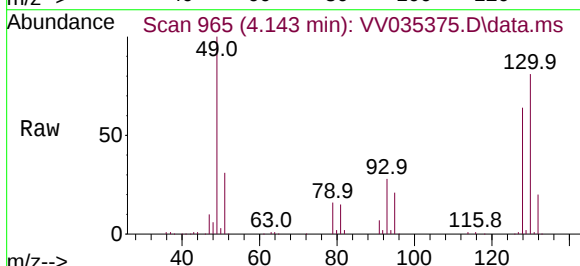
Ion Ratio Lower Upper

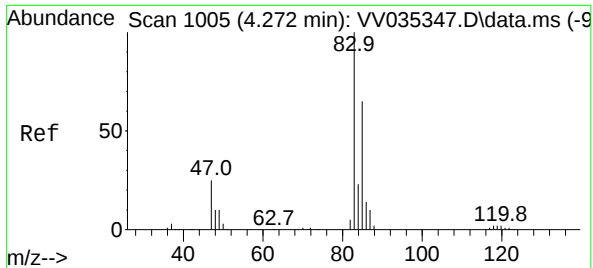
128 100

49 157.2 123.8 229.8

130 126.7 93.2 173.0

51 49.4 44.0 66.0





#25

Chloroform

Concen: 56.330 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

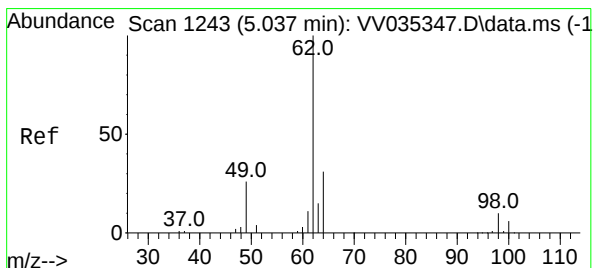
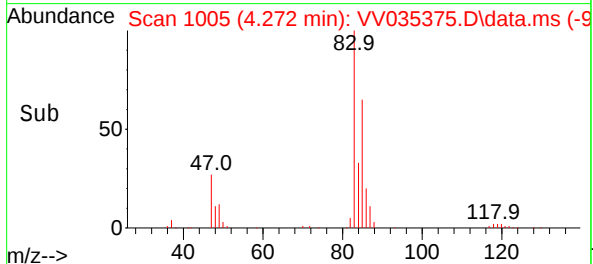
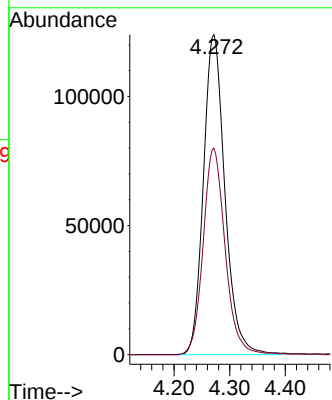
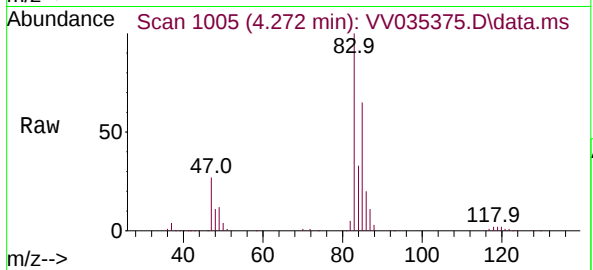
ClientSampleId :

Tgt Ion: 83 Resp: 332975

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 54.252 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV035375.D

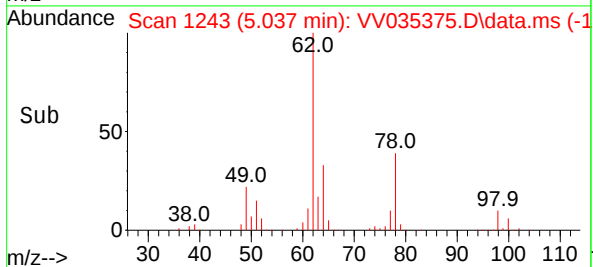
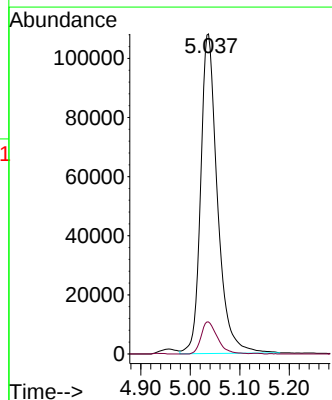
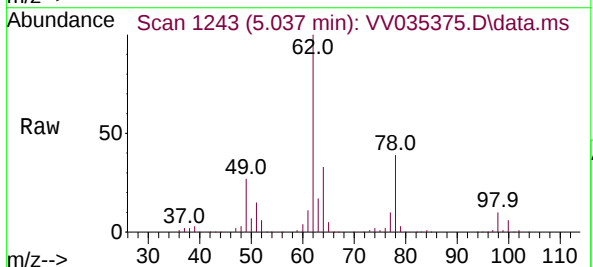
Acq: 24 Apr 2024 10:06

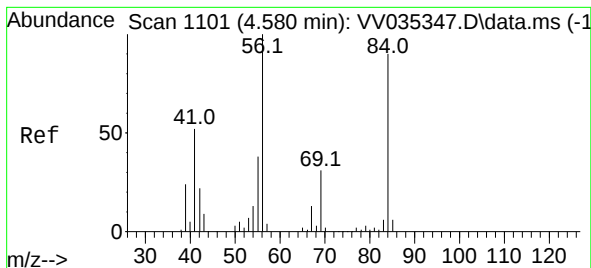
Tgt Ion: 62 Resp: 255330

Ion Ratio Lower Upper

62 100

98 10.0 7.2 10.8





#29

Cyclohexane

Concen: 48.292 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

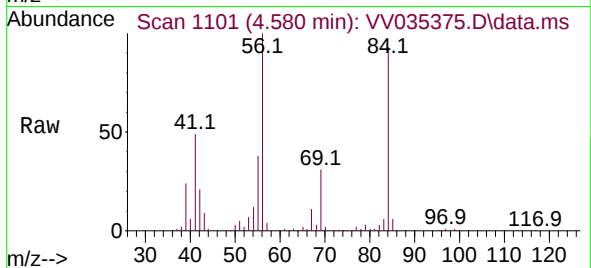
Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



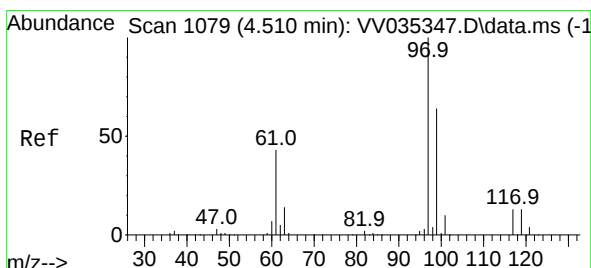
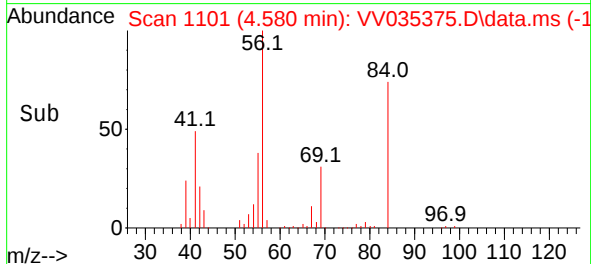
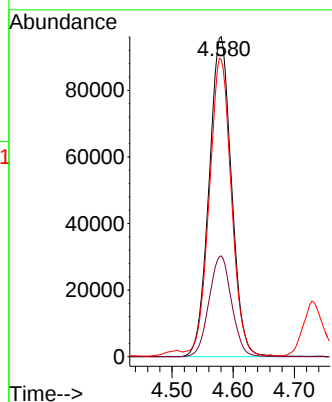
Tgt Ion: 56 Resp: 244471

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

84 91.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.201 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

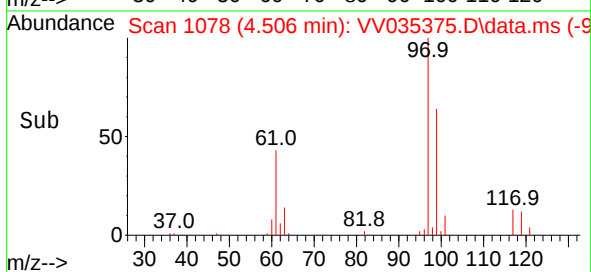
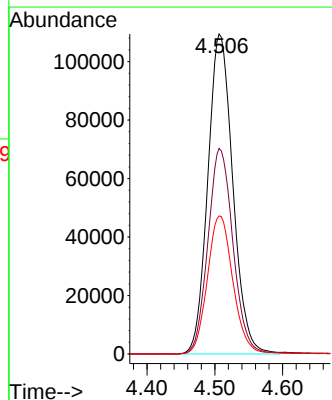
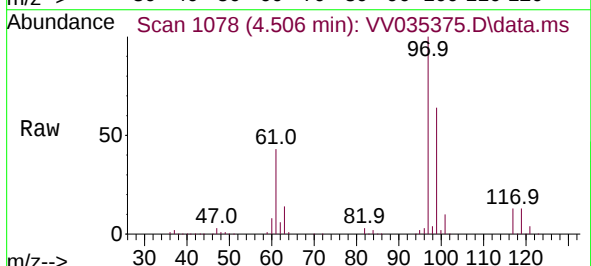
Tgt Ion: 97 Resp: 280289

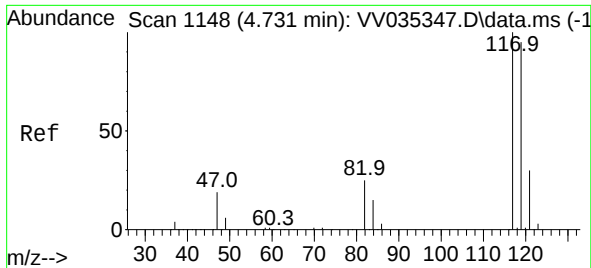
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 44.1 36.8 55.2

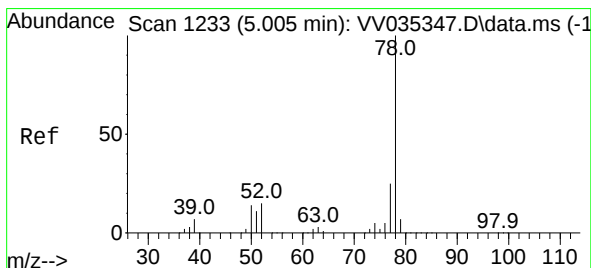
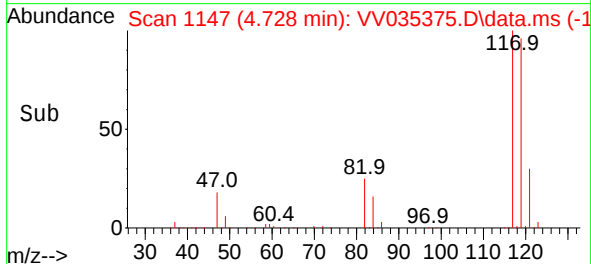
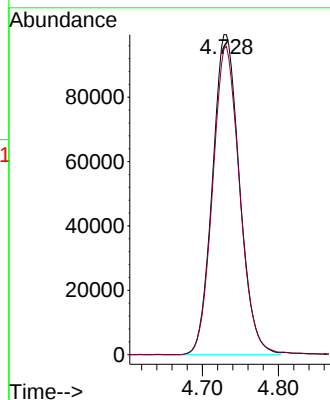
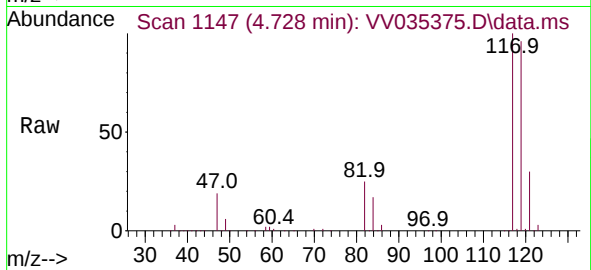




#31
Carbon tetrachloride
Concen: 55.022 ug/L
RT: 4.728 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

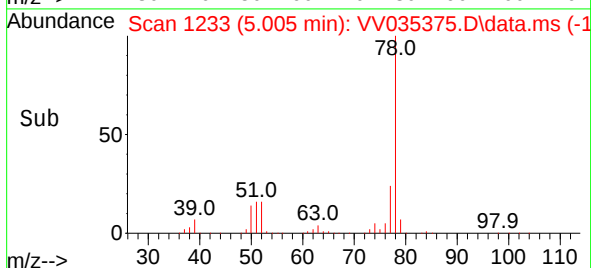
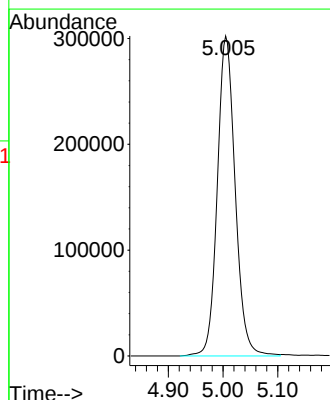
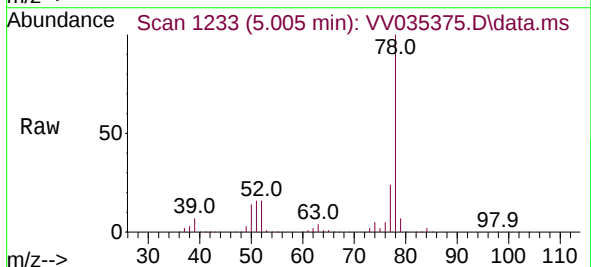
Instrument :
MSVOA_V
ClientSampleId :

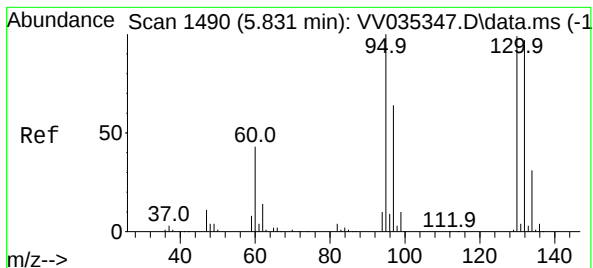
Tgt Ion:117 Resp: 245698
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 52.018 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion: 78 Resp: 685583





#34

Trichloroethene

Concen: 51.281 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 182402

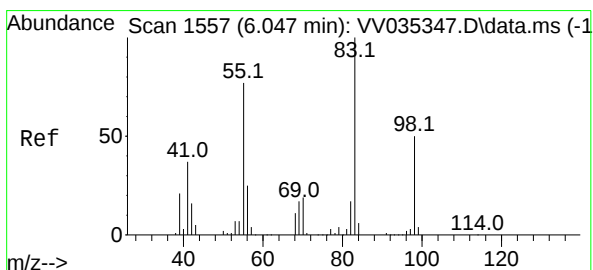
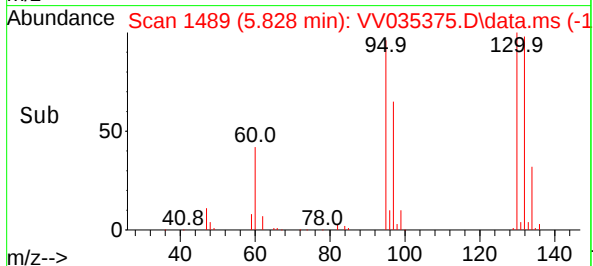
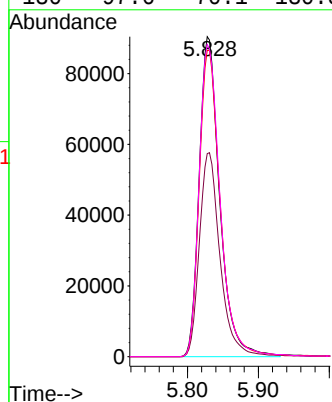
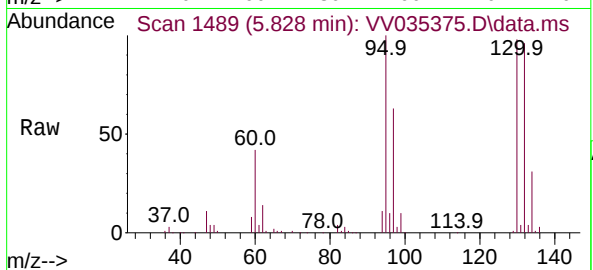
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 95.8 65.3 121.3

130 97.6 70.1 130.3



#35

Methylcyclohexane

Concen: 51.864 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

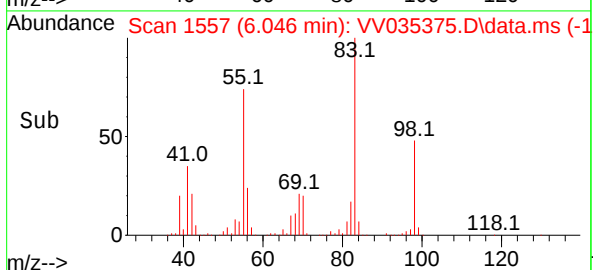
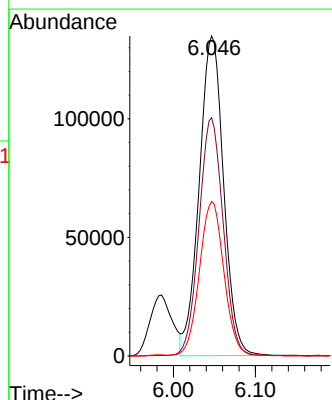
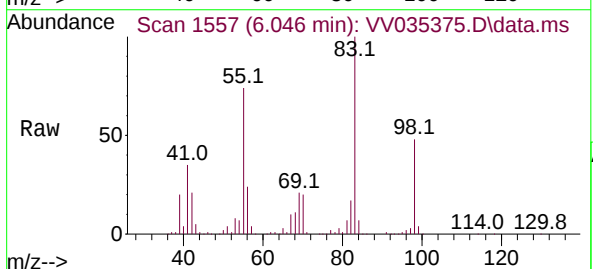
Tgt Ion: 83 Resp: 278601

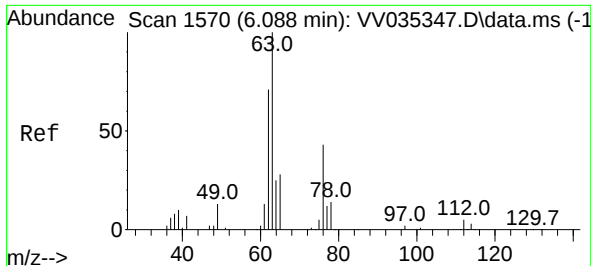
Ion Ratio Lower Upper

83 100

55 73.5 60.0 90.0

98 48.5 37.6 56.4

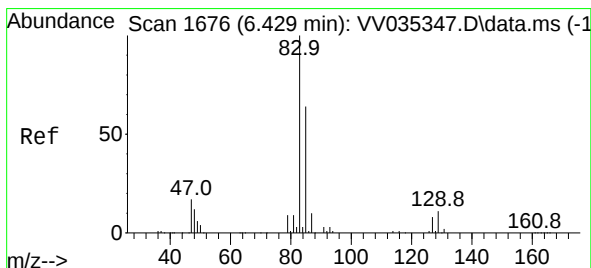
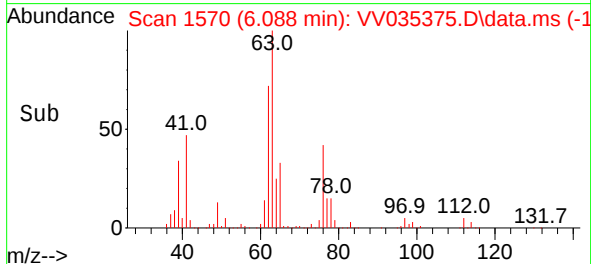
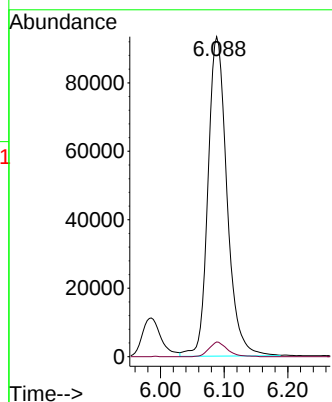
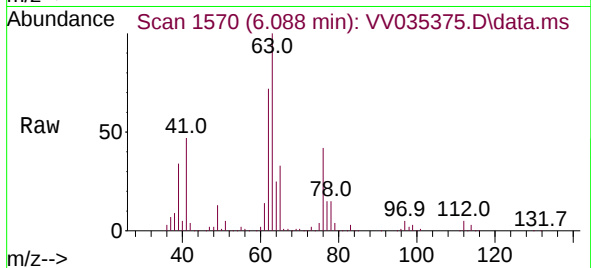




#37
1,2-Dichloropropane
Concen: 53.139 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

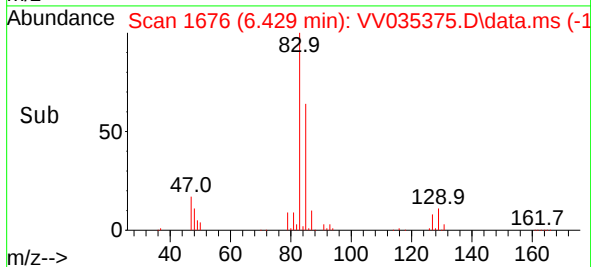
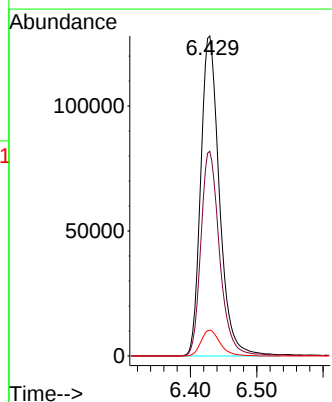
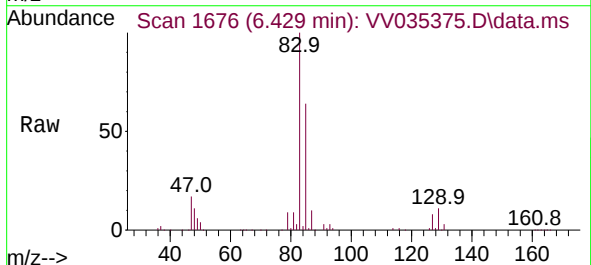
Instrument :
MSVOA_V
ClientSampleId :

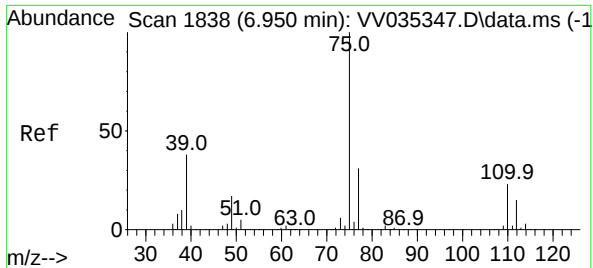
Tgt Ion: 63 Resp: 193548
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 53.482 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion: 83 Resp: 251332
Ion Ratio Lower Upper
83 100
85 63.9 43.7 81.1
127 8.1 6.4 9.6

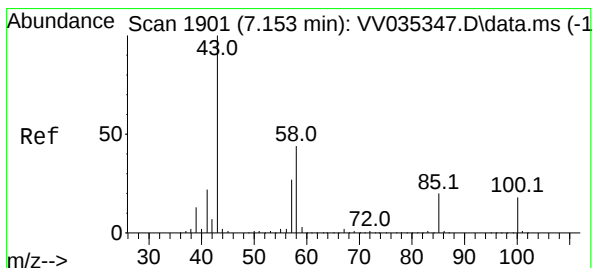
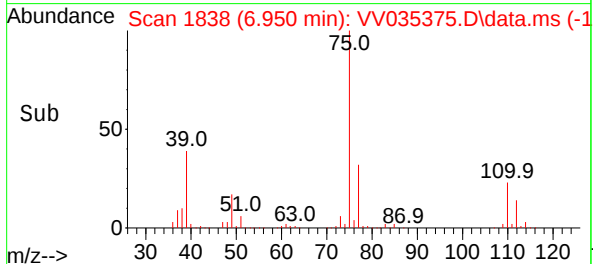
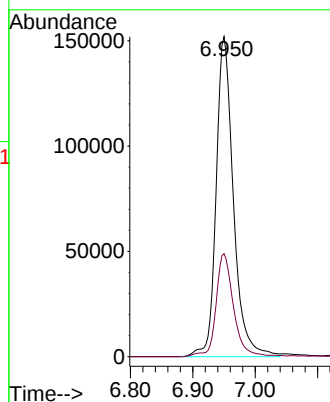
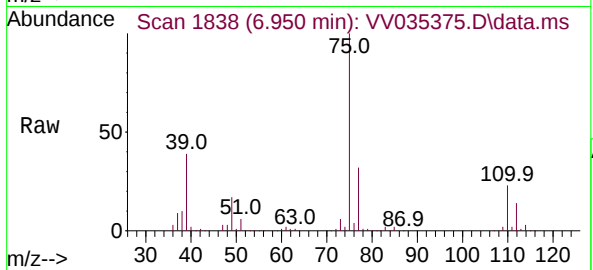




#39
 cis-1,3-Dichloropropene
 Concen: 51.004 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: VV035375.D
 Acq: 24 Apr 2024 10:06

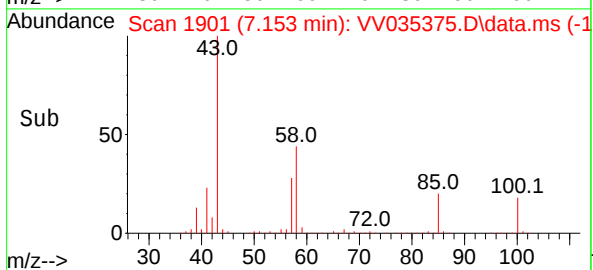
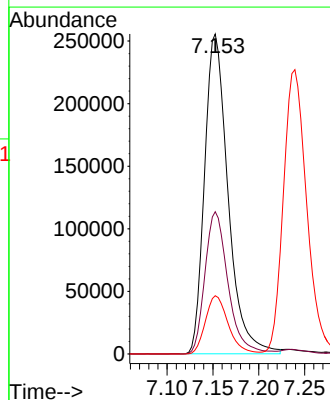
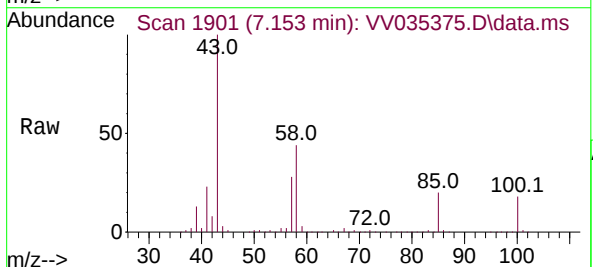
Instrument :
 MSVOA_V
 ClientSampleId :

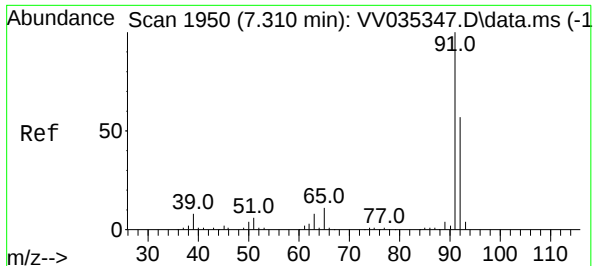
Tgt Ion: 75 Resp: 292648
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 98.112 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV035375.D
 Acq: 24 Apr 2024 10:06

Tgt Ion: 43 Resp: 456252
 Ion Ratio Lower Upper
 43 100
 58 43.7 33.8 50.8
 100 17.7 13.0 19.4





#42

Toluene

Concen: 53.294 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

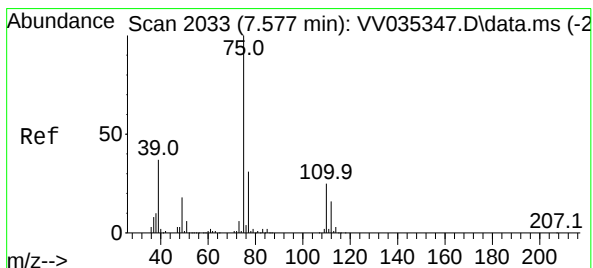
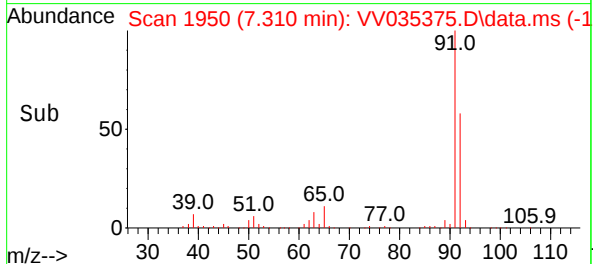
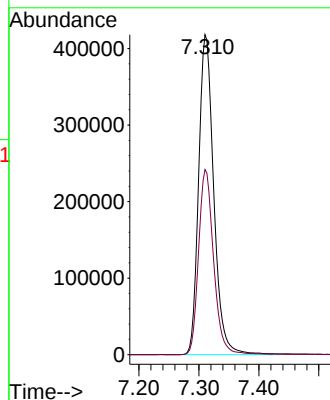
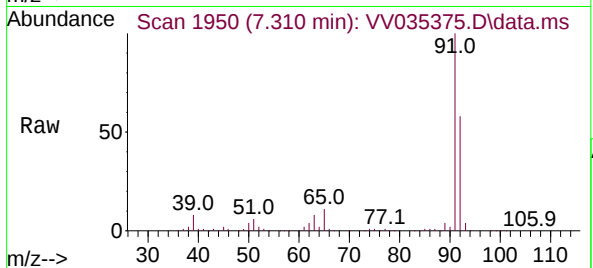
ClientSampleId :

Tgt Ion: 91 Resp: 735371

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 52.169 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035375.D

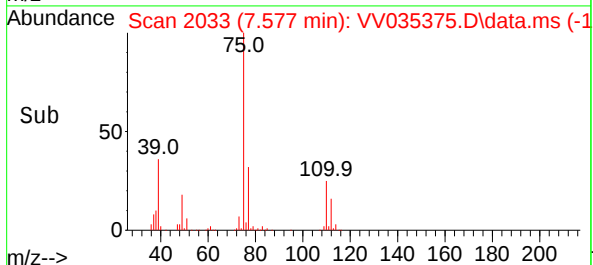
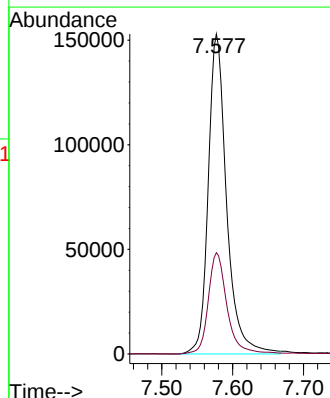
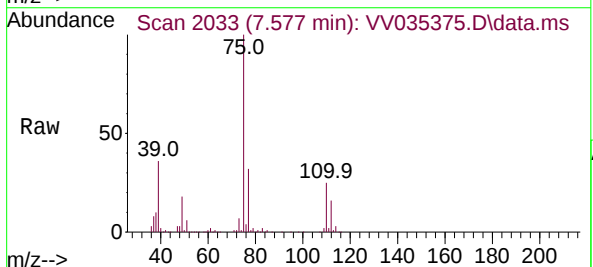
Acq: 24 Apr 2024 10:06

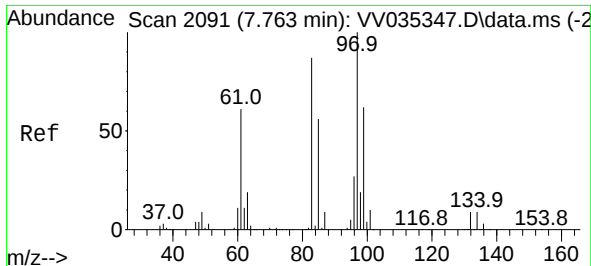
Tgt Ion: 75 Resp: 275000

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



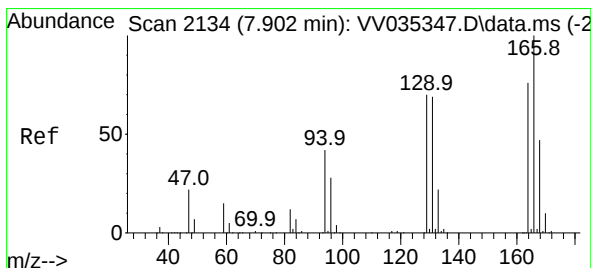
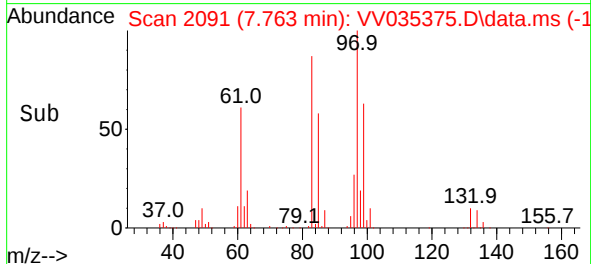
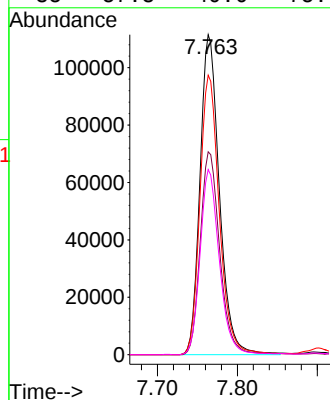
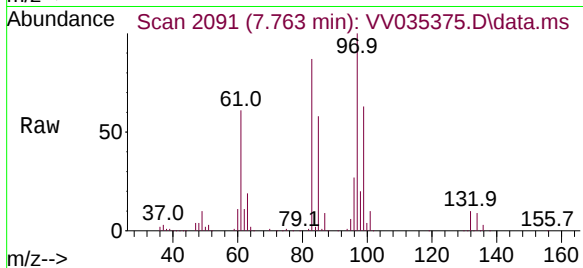


#45
1,1,2-Trichloroethane
Concen: 54.923 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 188551

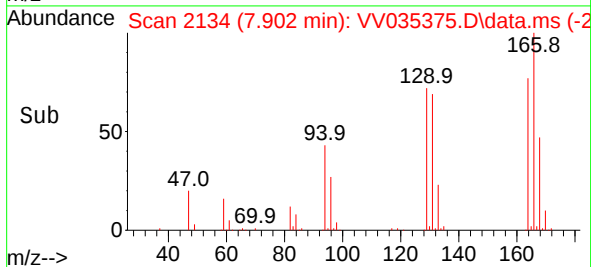
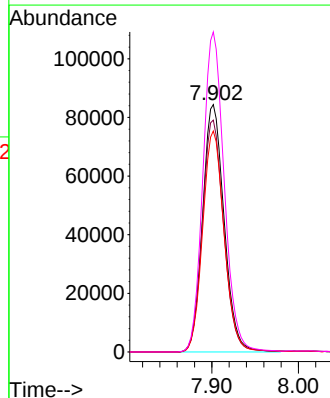
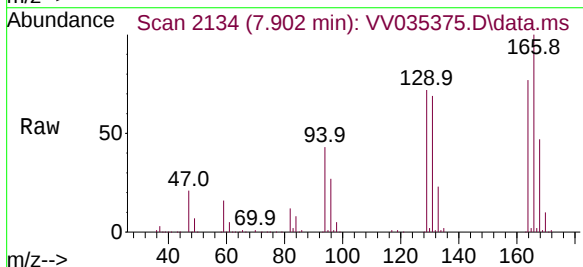
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.3	80.3
83	87.4	61.6	114.4
85	57.8	40.6	75.4

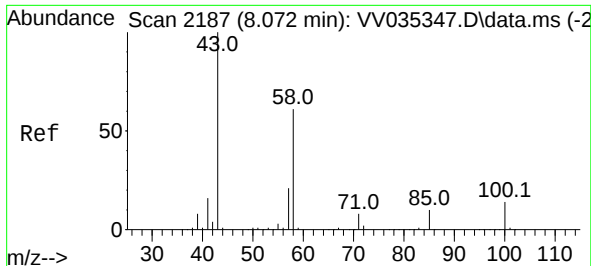


#46
Tetrachloroethene
Concen: 58.544 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion: 164 Resp: 145482

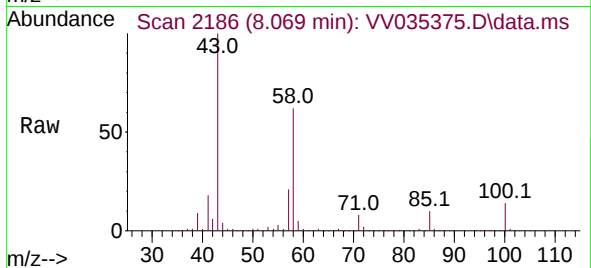
Ion	Ratio	Lower	Upper
164	100		
129	93.8	68.6	127.4
131	89.4	65.7	122.1
166	129.4	89.0	165.2



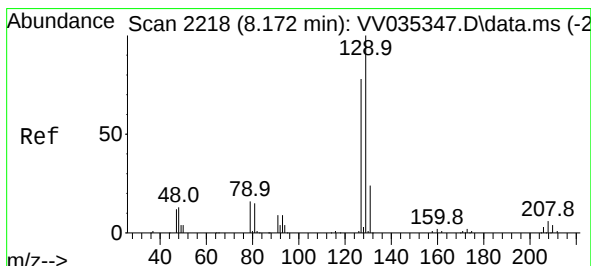
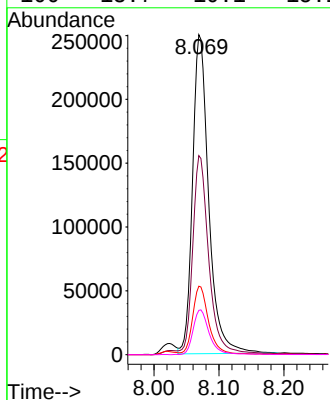
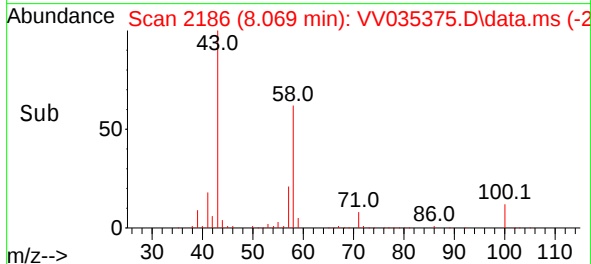


#48
2-Hexanone
Concen: 109.489 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

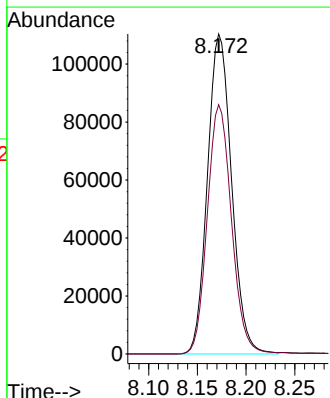
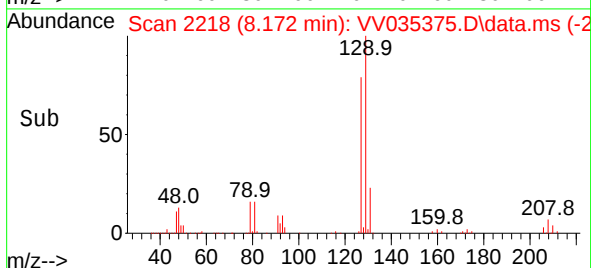
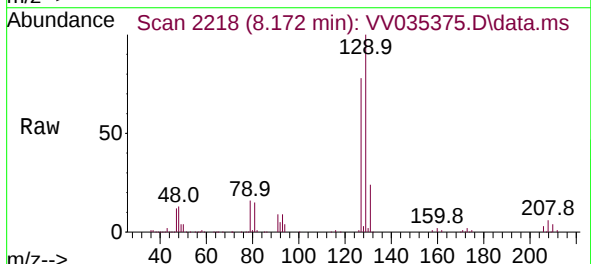


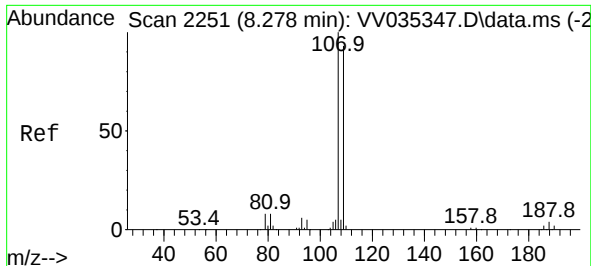
Tgt Ion: 43 Resp: 433044
Ion Ratio Lower Upper
43 100
58 61.5 45.4 68.2
57 21.0 16.2 24.4
100 13.7 10.1 15.1



#49
Dibromochloromethane
Concen: 55.999 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

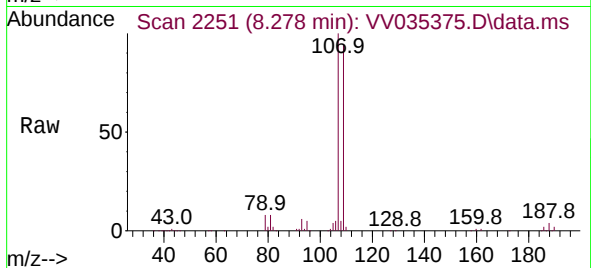
Tgt Ion:129 Resp: 190402
Ion Ratio Lower Upper
129 100
127 77.9 54.1 100.5



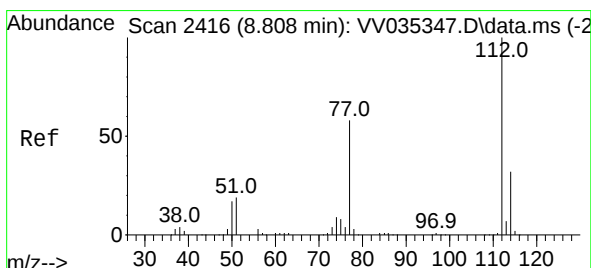
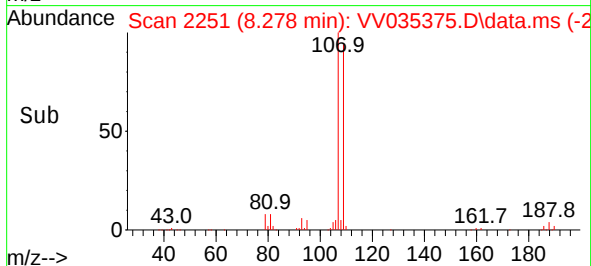
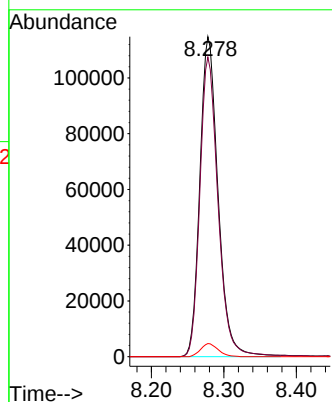


#50
1,2-Dibromoethane
Concen: 54.154 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Instrument :
MSVOA_V
ClientSampleId :

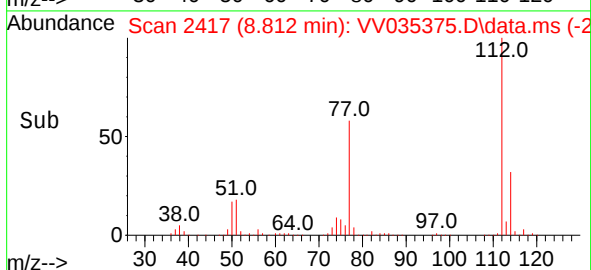
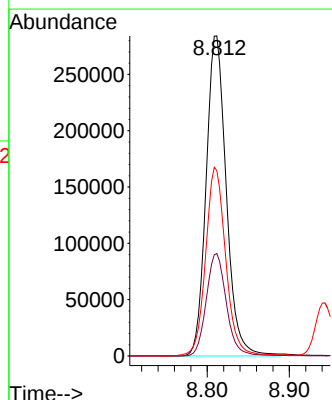
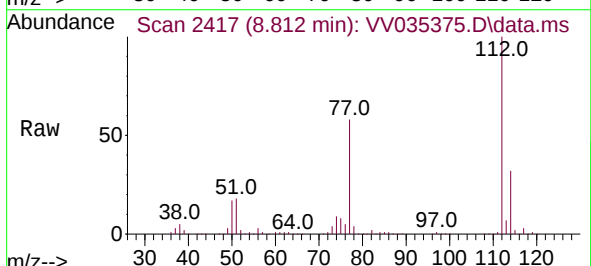


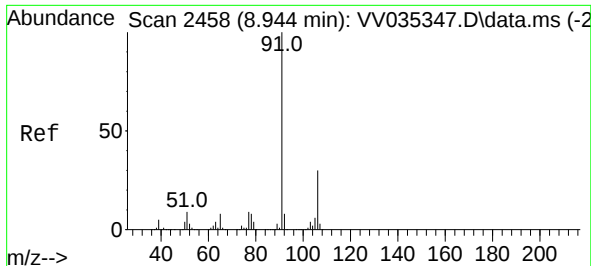
Tgt Ion:107 Resp: 200154
Ion Ratio Lower Upper
107 100
109 93.6 64.5 119.9
188 4.1 2.8 4.2



#51
Chlorobenzene
Concen: 54.298 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion:112 Resp: 485583
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 57.9 47.4 71.2





#52

Ethylbenzene

Concen: 52.835 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

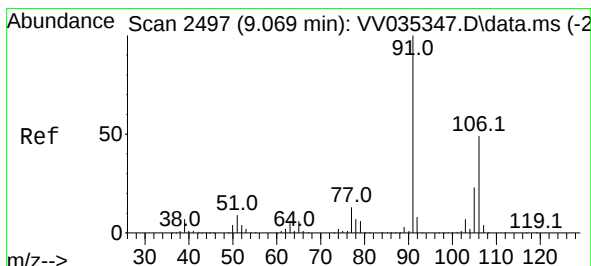
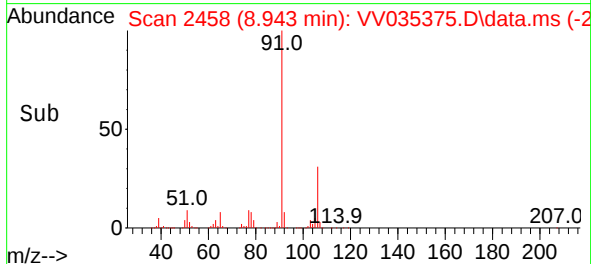
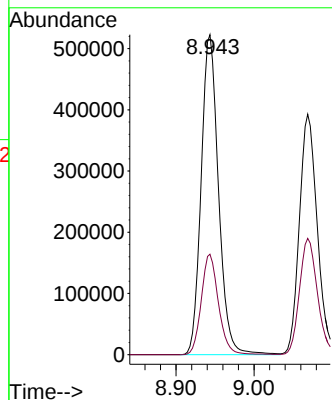
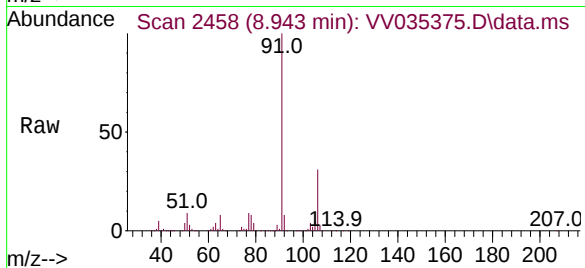
ClientSampleId :

Tgt Ion: 91 Resp: 807980

Ion Ratio Lower Upper

91 100

106 31.4 21.3 39.5



#53

m,p-Xylene

Concen: 54.288 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV035375.D

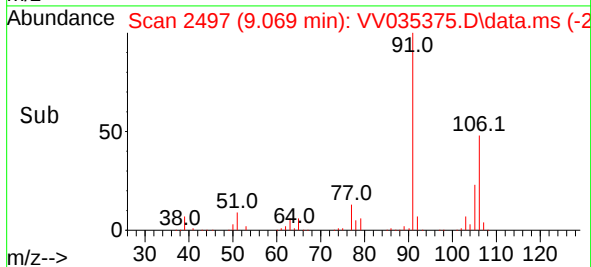
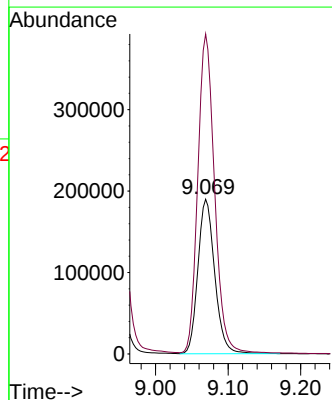
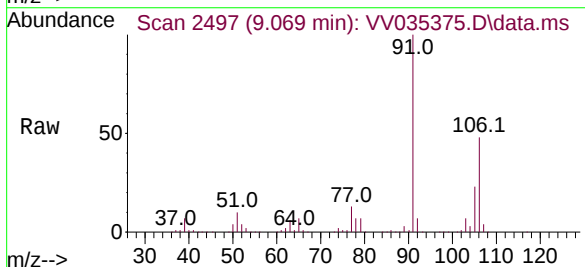
Acq: 24 Apr 2024 10:06

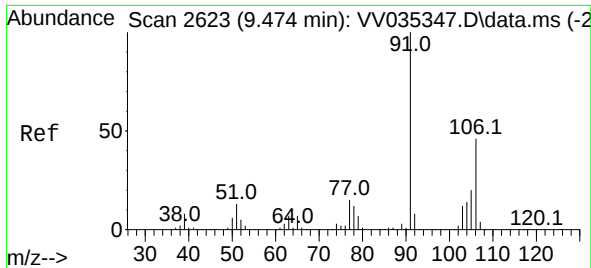
Tgt Ion:106 Resp: 305731

Ion Ratio Lower Upper

106 100

91 206.8 144.8 269.0

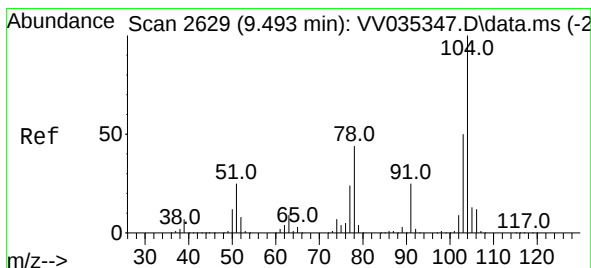
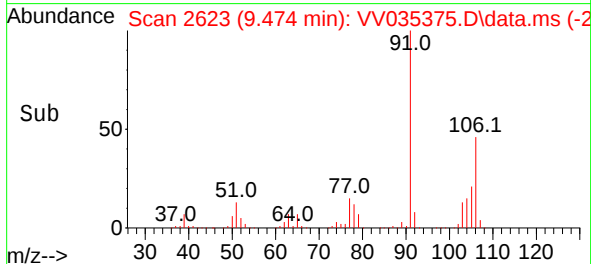
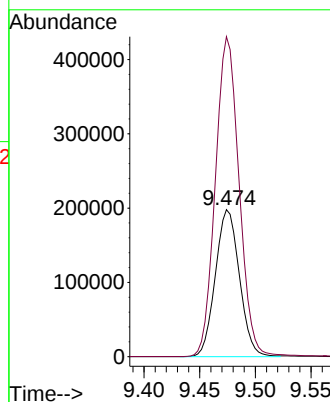
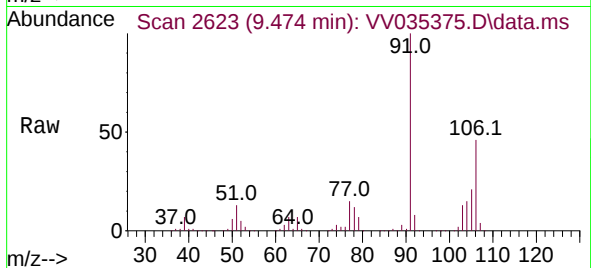




#54
o-Xylene
Concen: 53.415 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

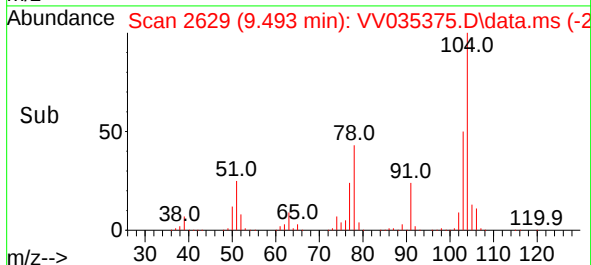
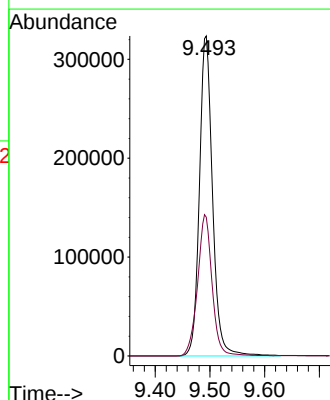
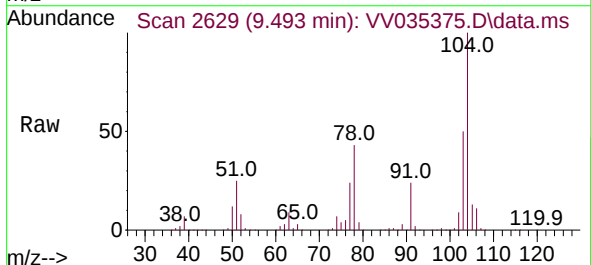
Instrument :
MSVOA_V
ClientSampleId :

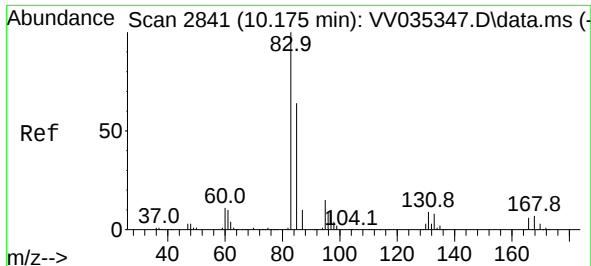
Tgt Ion:106 Resp: 297639
Ion Ratio Lower Upper
106 100
91 217.6 151.3 280.9



#55
Styrene
Concen: 57.202 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

Tgt Ion:104 Resp: 538642
Ion Ratio Lower Upper
104 100
78 43.4 31.5 58.5

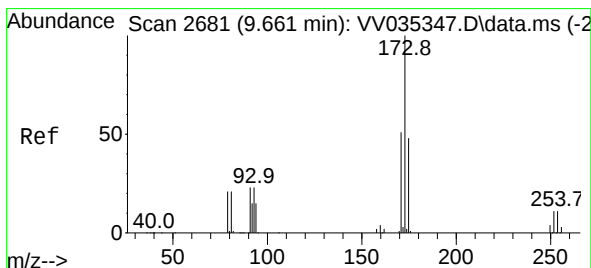
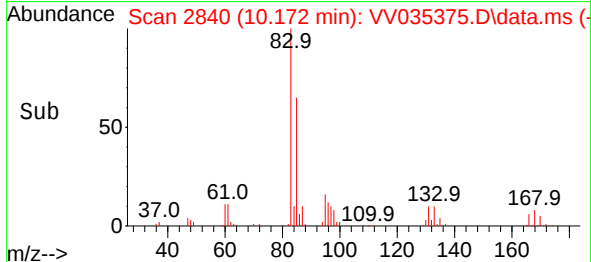
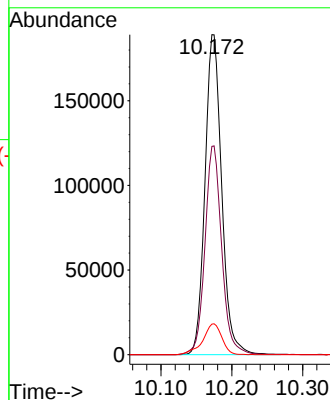
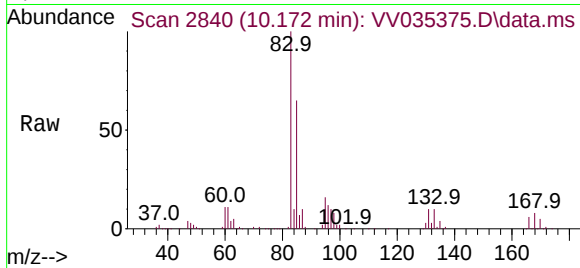




#57
1,1,2,2-Tetrachloroethane
Concen: 55.657 ug/L
RT: 10.172 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

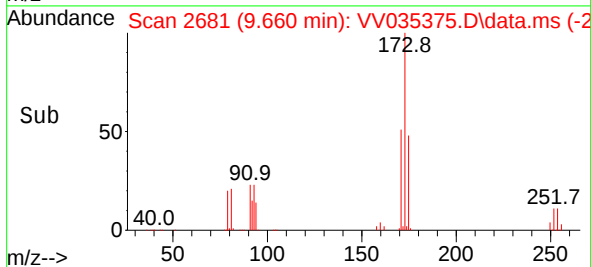
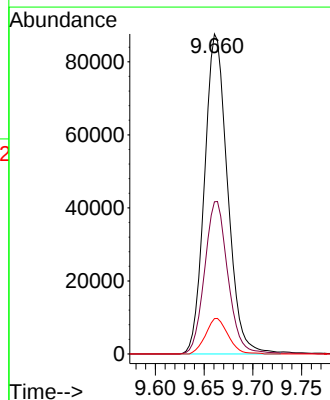
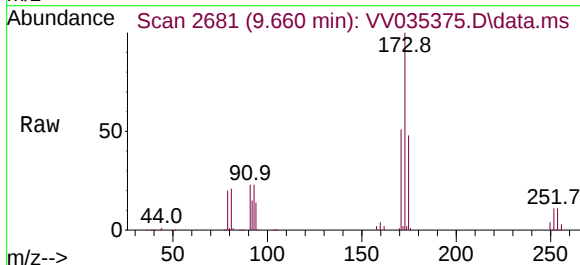
Instrument :
MSVOA_V
ClientSampleId :

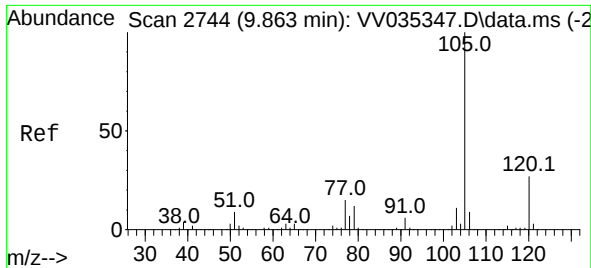
Tgt Ion: 83 Resp: 309580
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7
131 9.6 6.9 10.3



#59
Bromoform
Concen: 55.339 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

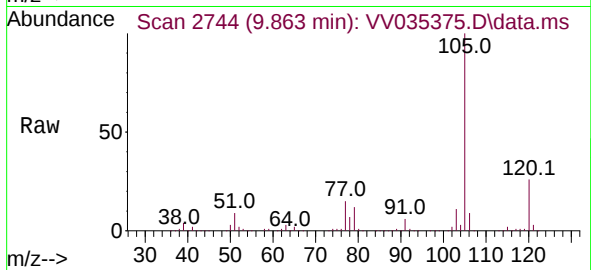
Tgt Ion: 173 Resp: 143998
Ion Ratio Lower Upper
173 100
175 48.2 39.3 58.9
254 10.8 7.5 11.3



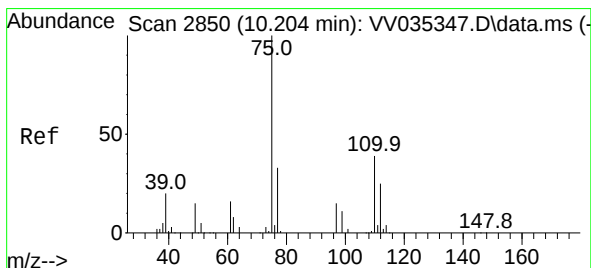
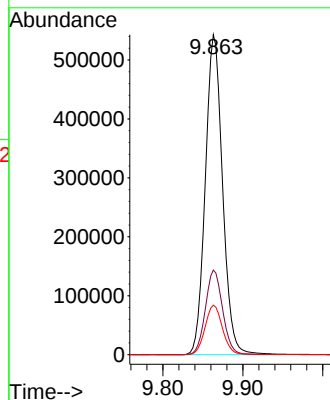
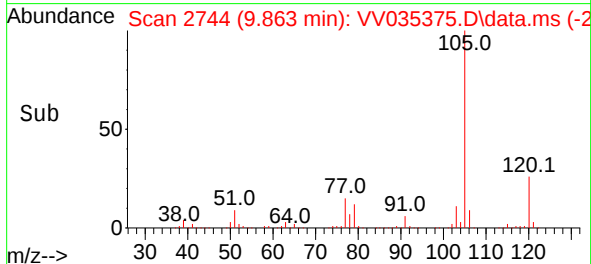


#60
Isopropylbenzene
Concen: 49.837 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06

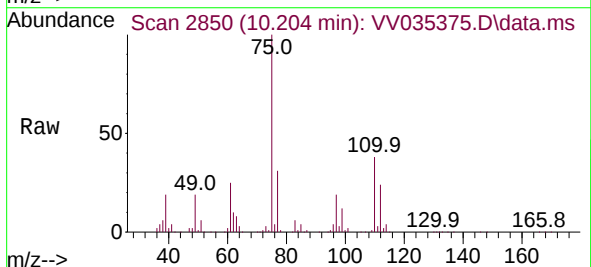
Instrument :
MSVOA_V
ClientSampleId :



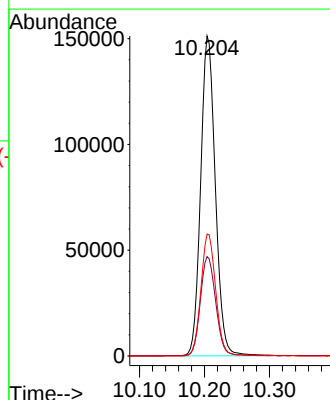
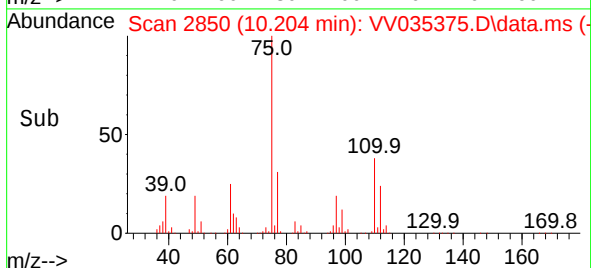
Tgt Ion:105 Resp: 815806
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.5 13.1 19.7

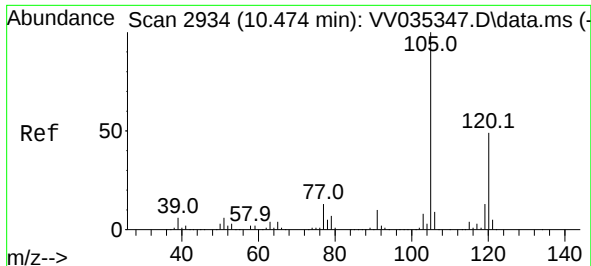


#61
1,2,3-Trichloropropane
Concen: 48.395 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV035375.D
Acq: 24 Apr 2024 10:06



Tgt Ion: 75 Resp: 238117
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 38.3 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 61.885 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

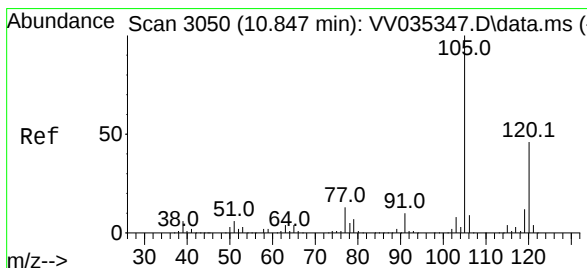
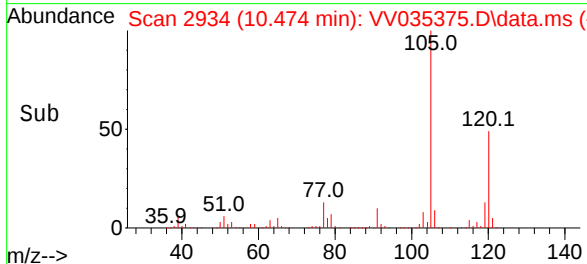
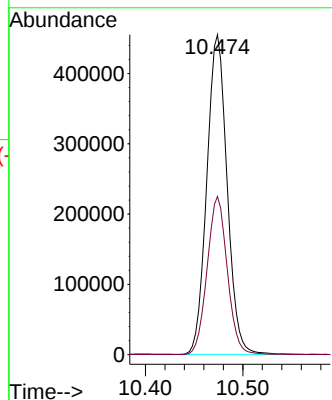
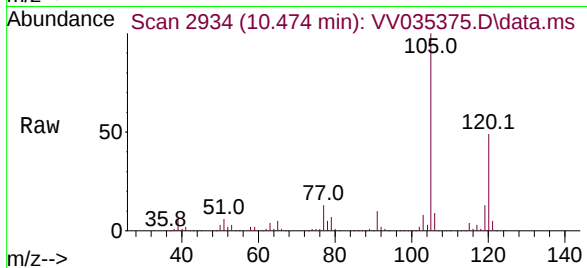
ClientSampleId :

Tgt Ion:105 Resp: 657903

Ion Ratio Lower Upper

105 100

120 49.2 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 50.771 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV035375.D

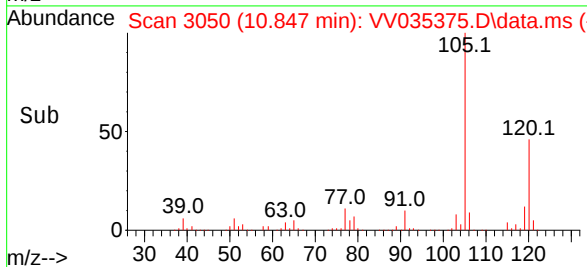
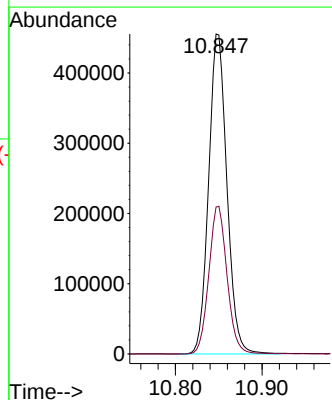
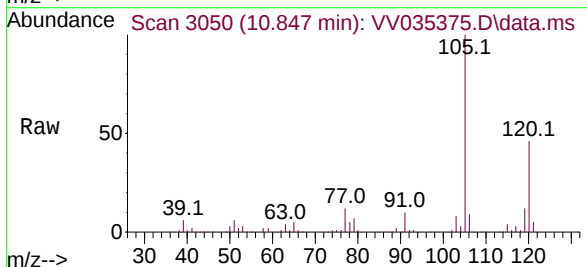
Acq: 24 Apr 2024 10:06

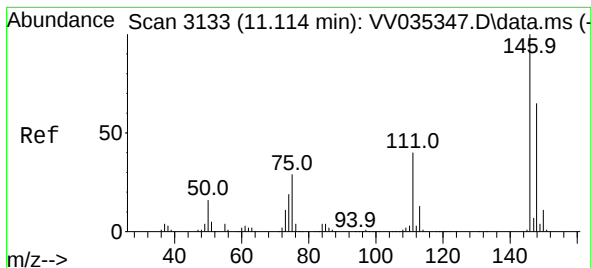
Tgt Ion:105 Resp: 667333

Ion Ratio Lower Upper

105 100

120 46.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 53.228 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

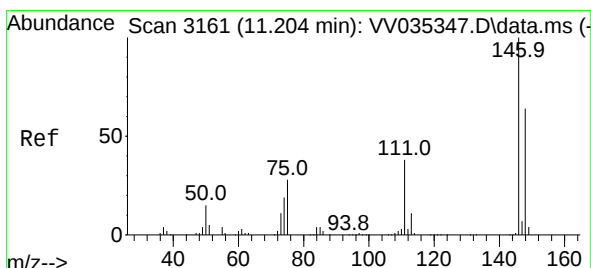
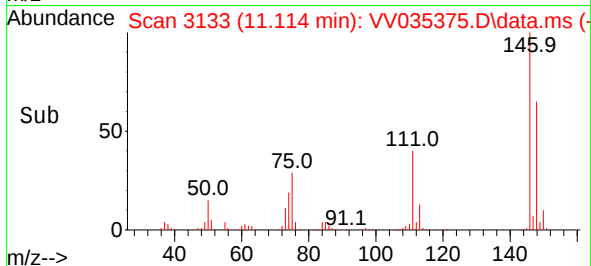
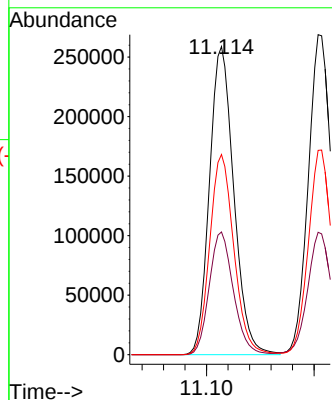
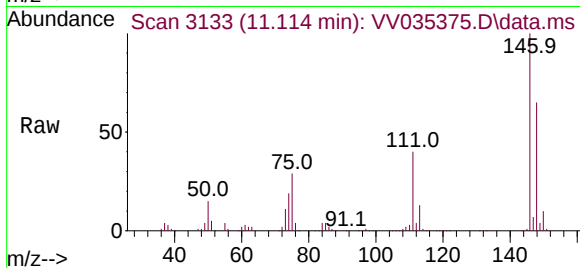
Tgt Ion:146 Resp: 407176

Ion Ratio Lower Upper

146 100

111 39.8 28.7 53.3

148 65.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 54.064 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

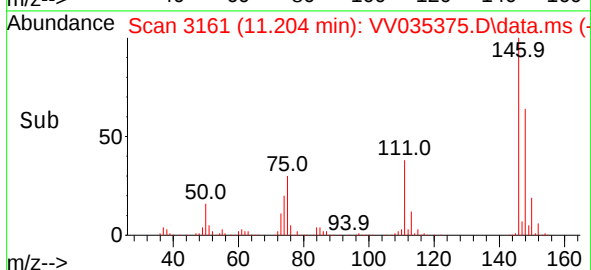
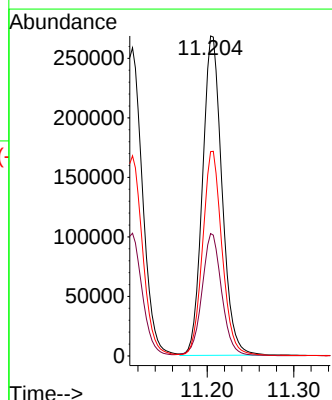
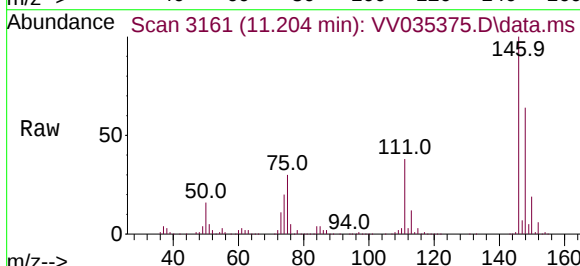
Tgt Ion:146 Resp: 420574

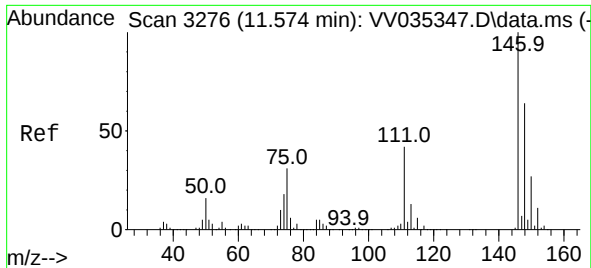
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 63.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 53.817 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

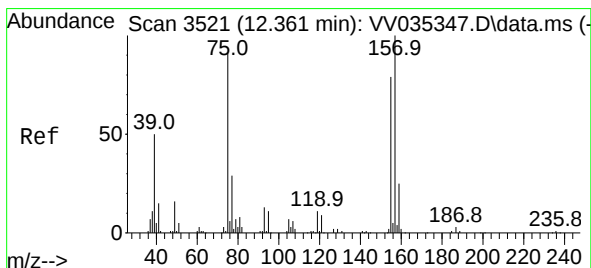
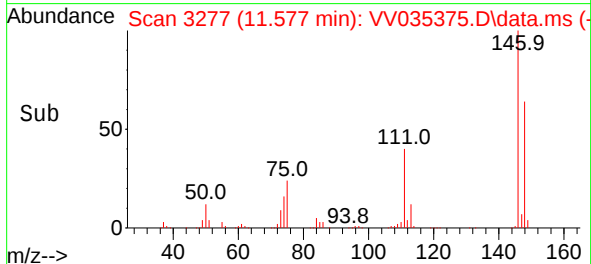
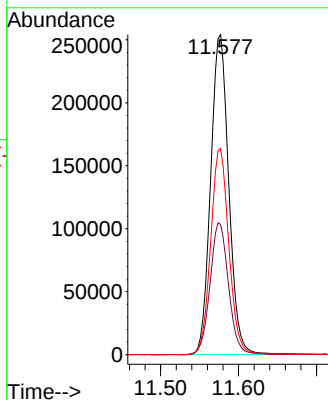
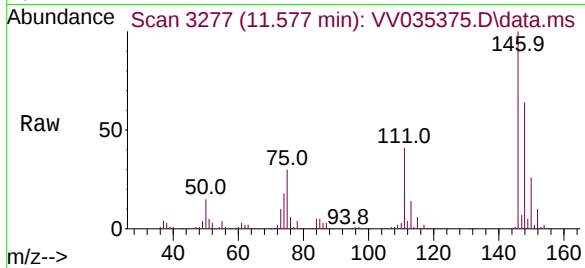
Tgt Ion:146 Resp: 410108

Ion Ratio Lower Upper

146 100

111 40.7 34.6 52.0

148 64.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.130 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

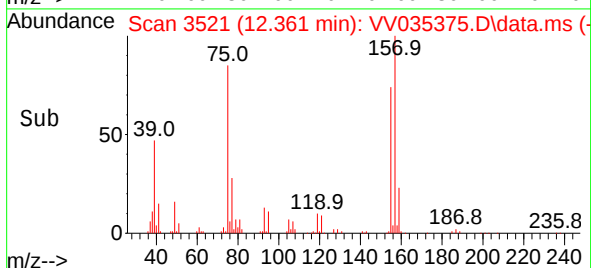
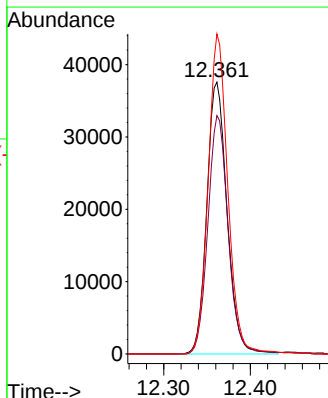
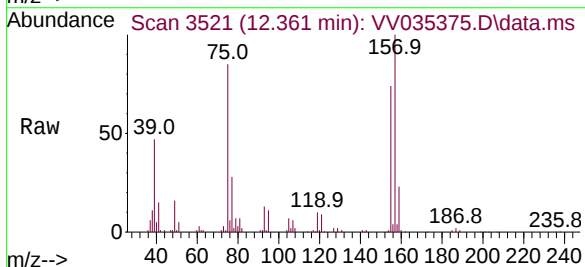
Tgt Ion: 75 Resp: 61176

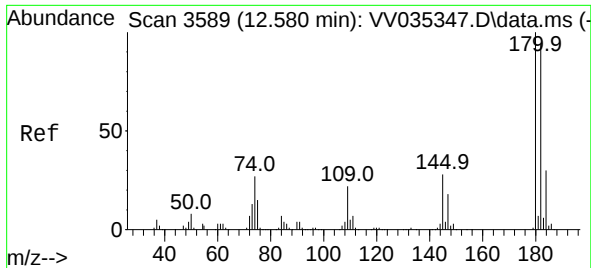
Ion Ratio Lower Upper

75 100

155 87.7 63.0 94.6

157 117.7 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 57.093 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

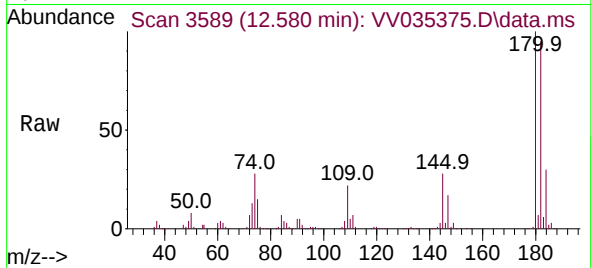
Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 314766

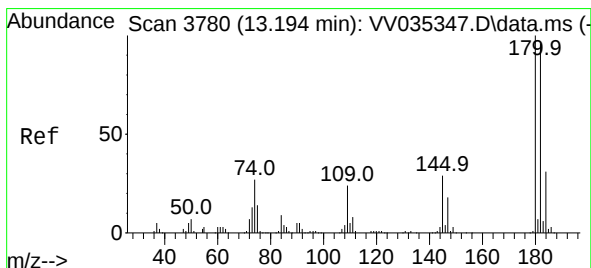
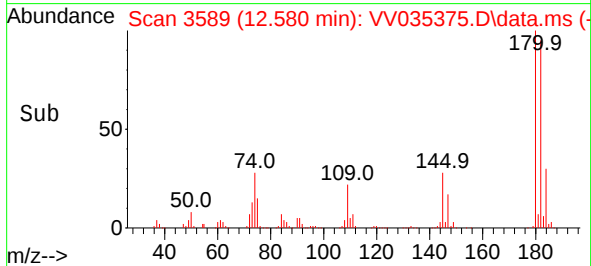
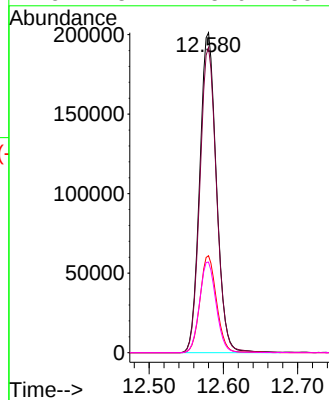
Ion Ratio Lower Upper

180 100

182 95.5 74.7 112.1

184 30.0 24.0 36.0

145 28.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 55.586 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

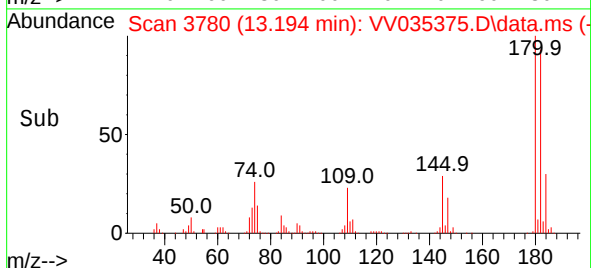
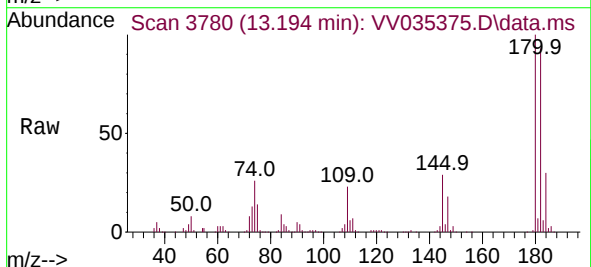
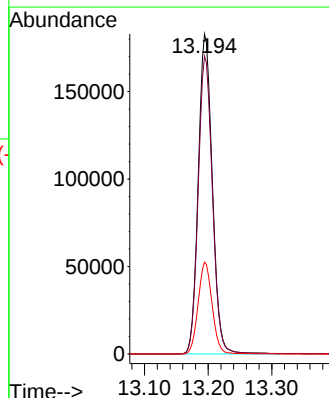
Tgt Ion:180 Resp: 281503

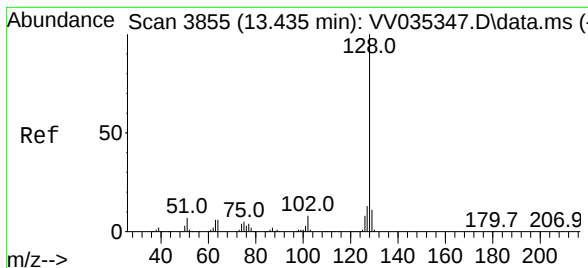
Ion Ratio Lower Upper

180 100

182 93.7 75.6 113.4

145 28.5 24.1 36.1





#71

Naphthalene

Concen: 51.084 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Instrument :

MSVOA_V

ClientSampleId :

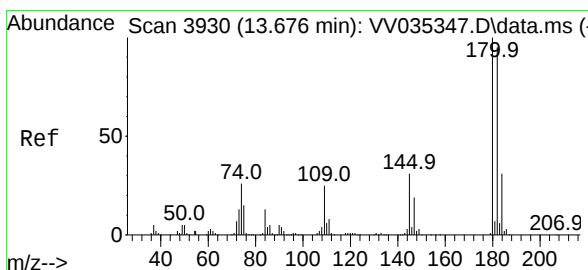
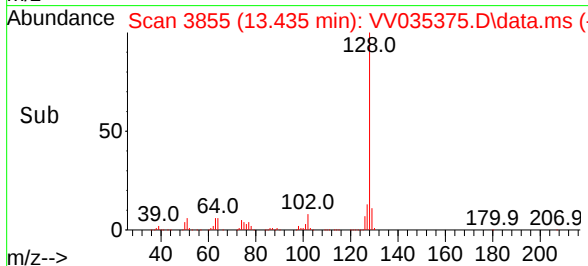
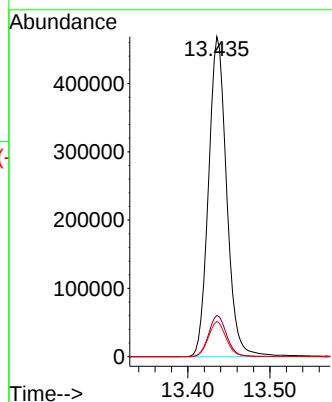
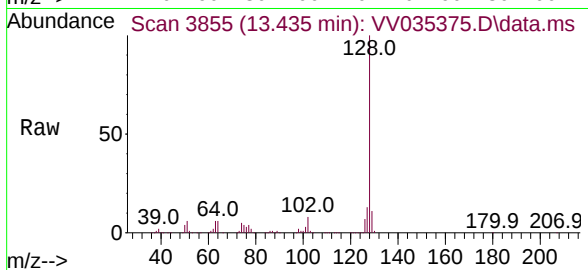
Tgt Ion:128 Resp: 717744

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 57.292 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035375.D

Acq: 24 Apr 2024 10:06

Tgt Ion:180 Resp: 285996

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 31.1 25.8 38.6

