

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035459.D
 Acq On : 29 Apr 2024 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	508743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	489144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	259353	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	176352	43.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.260%
7) Chloroethane-d5	1.529	69	143431	61.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.460%
11) 1,1-Dichloroethene-d2	2.053	65	71562	42.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.660%
21) 2-Butanone-d5	3.802	46	194716	92.924	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.920%
24) Chloroform-d	4.243	84	316883	46.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	4.937	65	192095	47.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
32) Benzene-d6	4.953	84	612184	47.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.985	67	194814	49.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	7.239	98	551237	47.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	7.551	79	74613	40.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.440%
47) 2-Hexanone-d5	8.030	63	138522	121.157	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	300900	53.231	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.460%
66) 1,2-Dichlorobenzene-d4	11.558	152	216666	47.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	157409	42.085	ug/L	99
3) Chloromethane	1.214	50	179148	47.201	ug/L	99
5) Vinyl chloride	1.281	62	184440	46.066	ug/L	100
6) Bromomethane	1.487	94	110492	47.119	ug/L	100
8) Chloroethane	1.545	64	116934	66.157	ug/L	100
9) Trichlorofluoromethane	1.703	101	242435	44.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	143628	42.392	ug/L	99
12) 1,1-Dichloroethene	2.063	96	136022	45.253	ug/L	97
13) Acetone	2.130	43	205875	82.681	ug/L	97
14) Carbon disulfide	2.233	76	363469	43.533	ug/L	99
15) Methyl Acetate	2.375	43	216350	57.293	ug/L	99
16) Methylene chloride	2.442	84	184191	48.452	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	148246	45.875	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	586417	53.879	ug/L	100
19) 1,1-Dichloroethane	3.105	63	325717	48.692	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	180167	49.558	ug/L	99
22) 2-Butanone	3.879	43	220198	79.937	ug/L	99
23) Bromochloromethane	4.140	128	99220	49.045	ug/L	98
25) Chloroform	4.272	83	332858	48.139	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035459.D
 Acq On : 29 Apr 2024 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

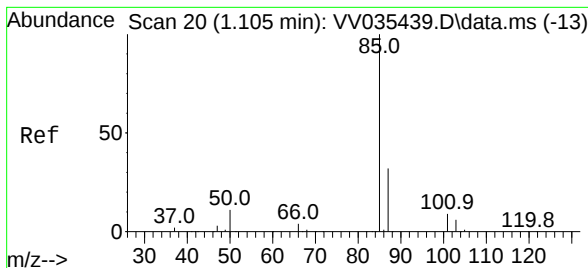
Quant Time: Apr 30 02:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	259168	51.040	ug/L	99
29) Cyclohexane	4.577	56	216009	48.020	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	271719	48.829	ug/L	99
31) Carbon tetrachloride	4.728	117	230149	47.338	ug/L	99
33) Benzene	5.005	78	665918	50.877	ug/L	100
34) Trichloroethene	5.828	95	169901	47.861	ug/L	99
35) Methylcyclohexane	6.047	83	226708	44.140	ug/L	99
37) 1,2-Dichloropropane	6.088	63	189687	51.911	ug/L	99
38) Bromodichloromethane	6.429	83	253614	51.399	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	230154	42.555	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	565386	129.566	ug/L	99
42) Toluene	7.310	91	695582	50.714	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	218182	42.025	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	201383	52.775	ug/L	98
46) Tetrachloroethene	7.902	164	127989	45.960	ug/L	98
48) 2-Hexanone	8.079	43	449129	121.071	ug/L	99
49) Dibromochloromethane	8.172	129	203372	52.135	ug/L	97
50) 1,2-Dibromoethane	8.278	107	208917	53.815	ug/L	99
51) Chlorobenzene	8.812	112	462191	47.788	ug/L	100
52) Ethylbenzene	8.944	91	747987	49.908	ug/L	99
53) m,p-Xylene	9.069	106	281055	49.550	ug/L	100
54) o-Xylene	9.474	106	281155	50.692	ug/L	99
55) Styrene	9.493	104	504750	52.770	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	345064	55.629	ug/L	100
59) Bromoform	9.664	173	168129	54.604	ug/L	99
60) Isopropylbenzene	9.863	105	749128	50.347	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	273593	56.359	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	611430	51.009	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	612657	52.204	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	376446	48.839	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	387241	47.897	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	397963	50.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69953	63.694	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	255307	46.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	213559	49.259	ug/L	100
71) Naphthalene	13.435	128	618845	65.430	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	229110	54.234	ug/L	100

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

Quant Time: Apr 30 02:04:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 01:20:16 2024
Response via : Initial Calibration

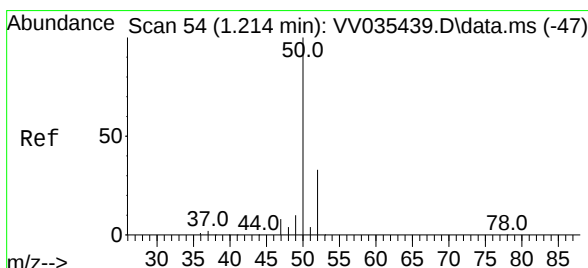
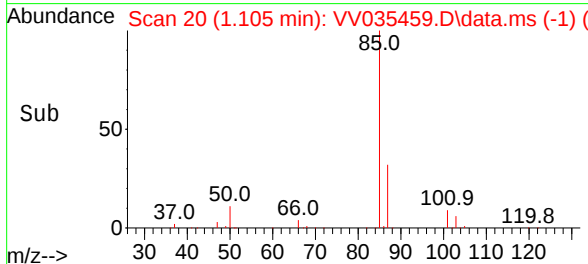
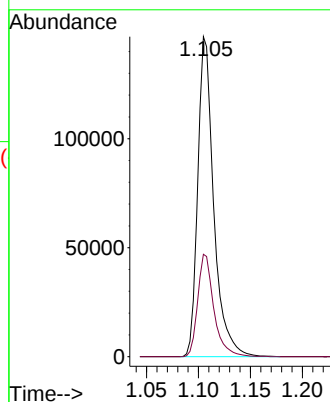
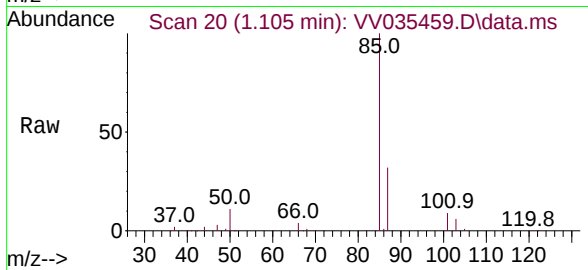




#2
 Dichlorodifluoromethane
 Concen: 42.085 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035459.D
 Acq: 29 Apr 2024 09:48

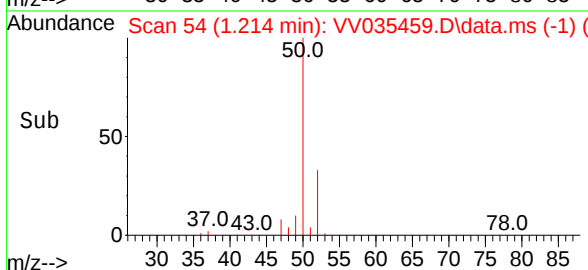
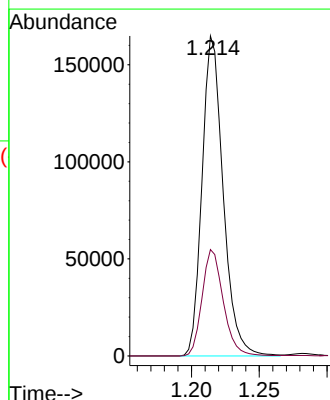
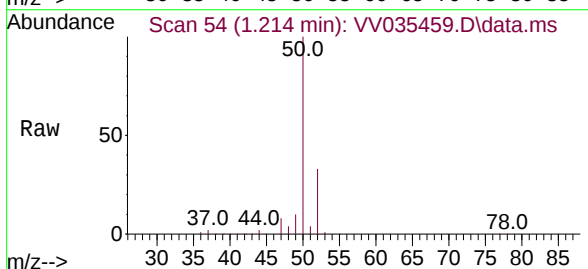
Instrument :
 MSVOA_V
 ClientSampleId :

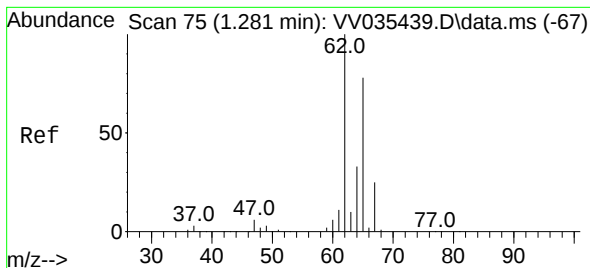
Tgt Ion: 85 Resp: 157409
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.2



#3
 Chloromethane
 Concen: 47.201 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035459.D
 Acq: 29 Apr 2024 09:48

Tgt Ion: 50 Resp: 179148
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.8





#5

Vinyl chloride

Concen: 46.066 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

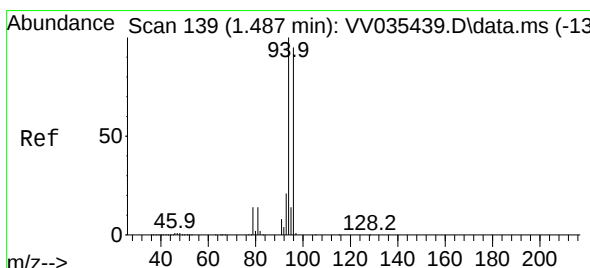
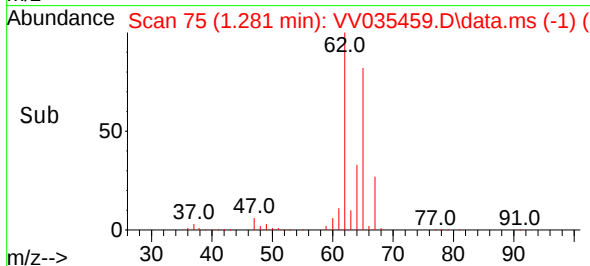
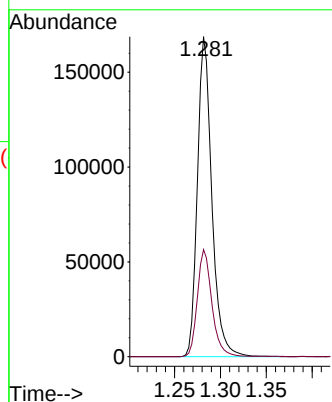
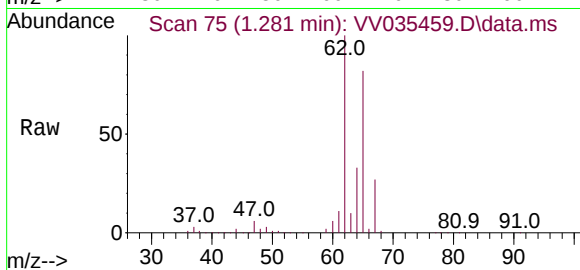
ClientSampleId :

Tgt Ion: 62 Resp: 184440

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.2



#6

Bromomethane

Concen: 47.119 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035459.D

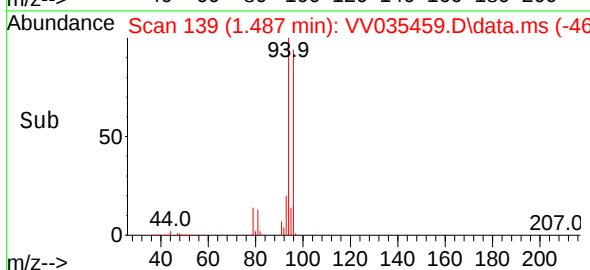
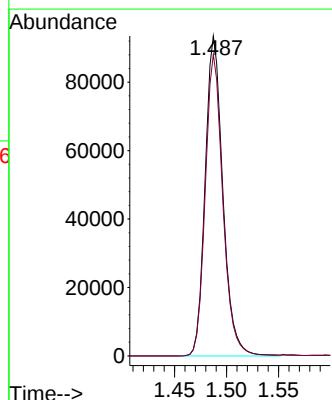
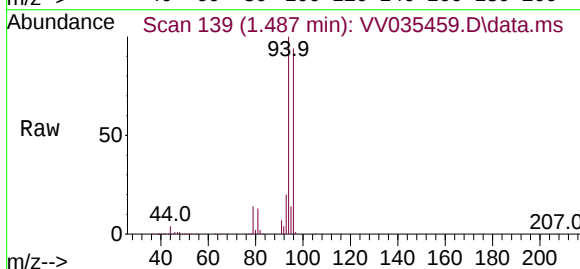
Acq: 29 Apr 2024 09:48

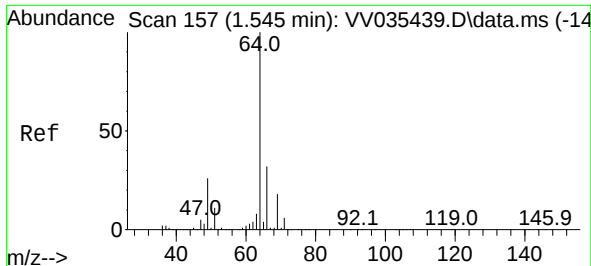
Tgt Ion: 94 Resp: 110492

Ion Ratio Lower Upper

94 100

96 94.2 66.1 122.7

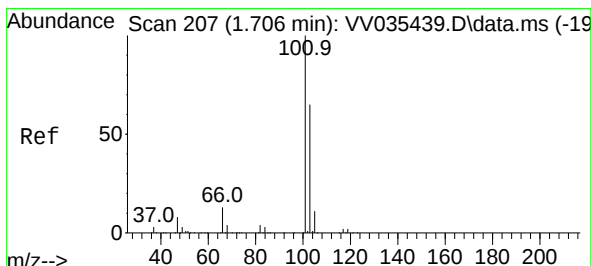
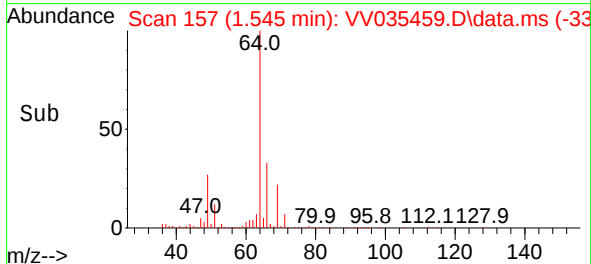
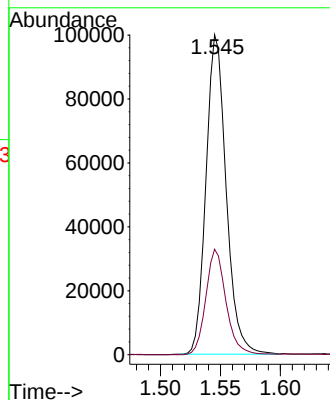
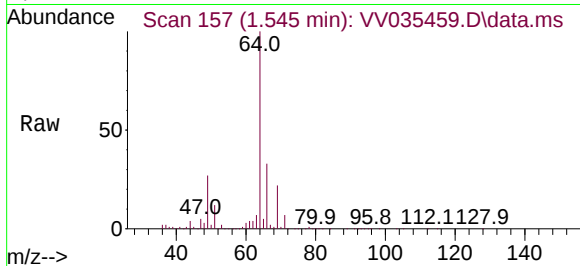




#8
Chloroethane
Concen: 66.157 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

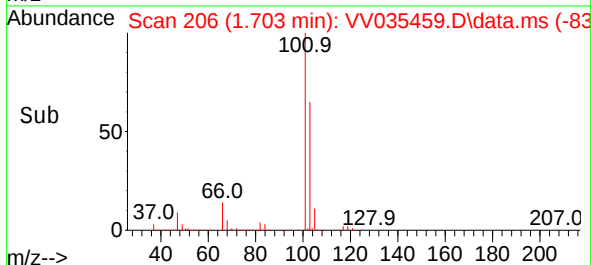
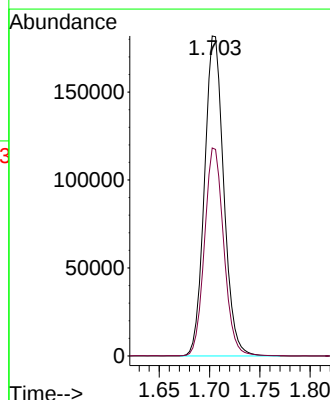
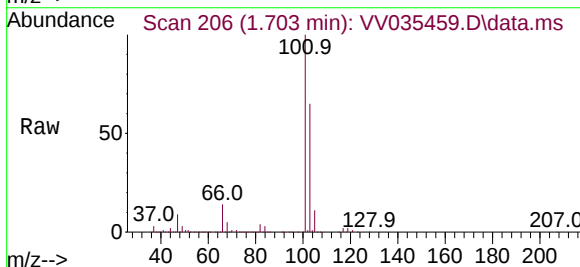
Instrument :
MSVOA_V
ClientSampleId :

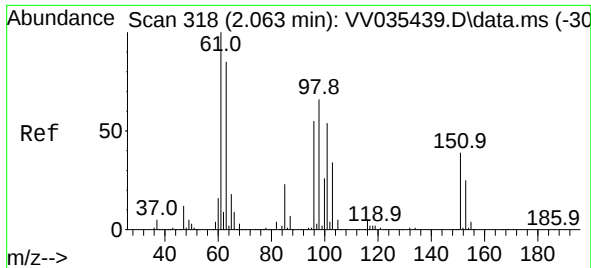
Tgt Ion: 64 Resp: 116934
Ion Ratio Lower Upper
64 100
66 33.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 44.830 ug/L
RT: 1.703 min Scan# 206
Delta R.T. -0.003 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

Tgt Ion:101 Resp: 242435
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

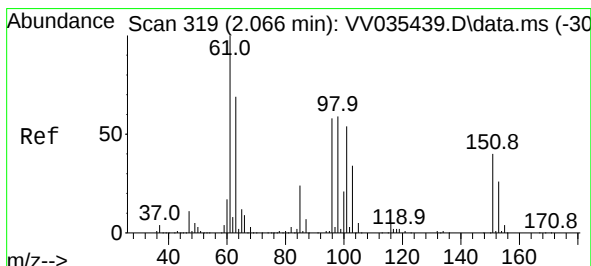
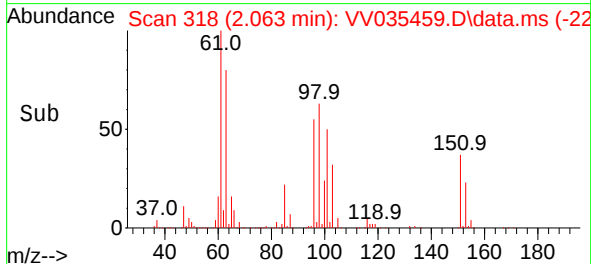
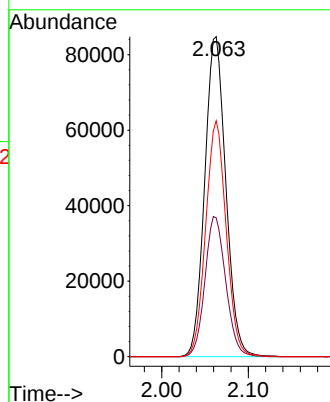
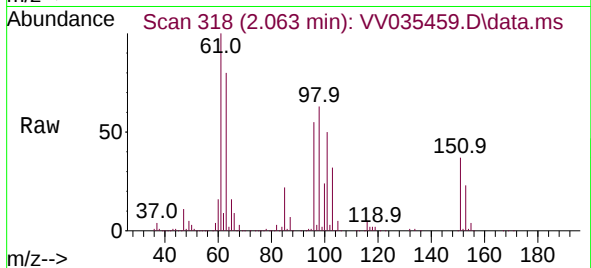




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.392 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035459.D
 Acq: 29 Apr 2024 09:48

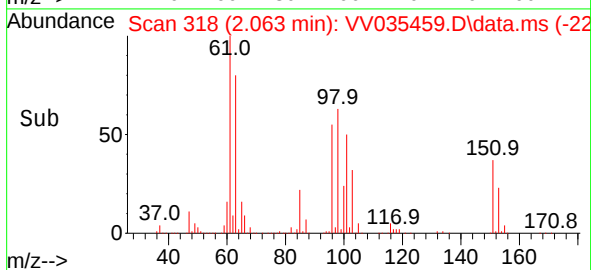
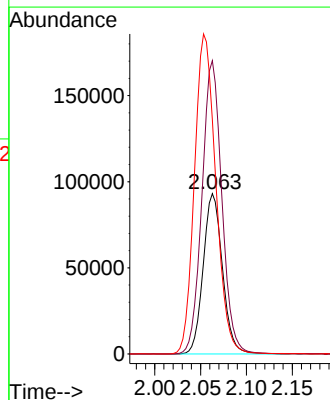
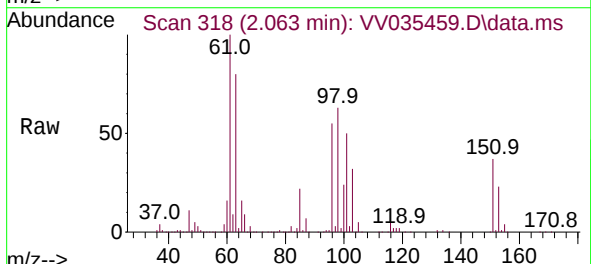
Instrument :
 MSVOA_V
 ClientSampleId :

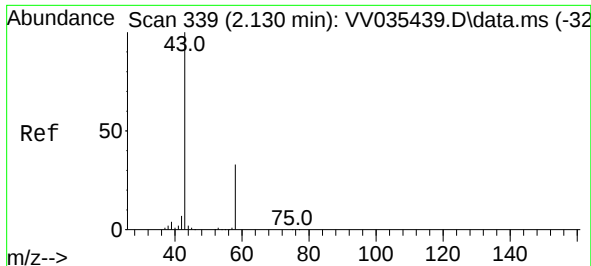
Tgt Ion:101 Resp: 143628
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.0 52.6
 151 71.7 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 45.253 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV035459.D
 Acq: 29 Apr 2024 09:48

Tgt Ion: 96 Resp: 136022
 Ion Ratio Lower Upper
 96 100
 61 182.9 128.2 238.0
 63 146.1 96.9 179.9





#13

Acetone

Concen: 82.681 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

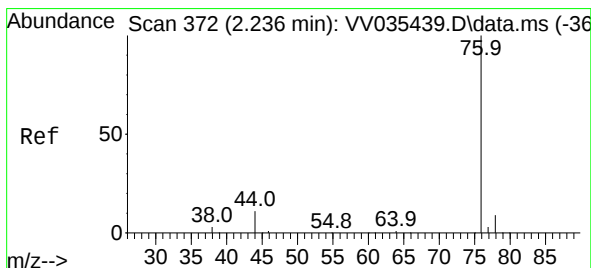
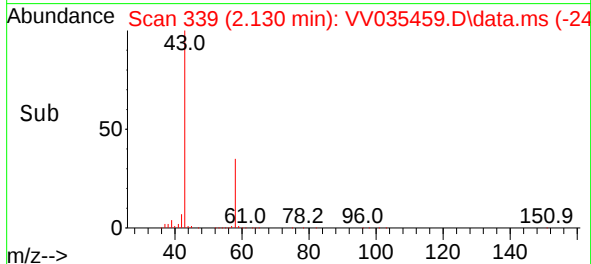
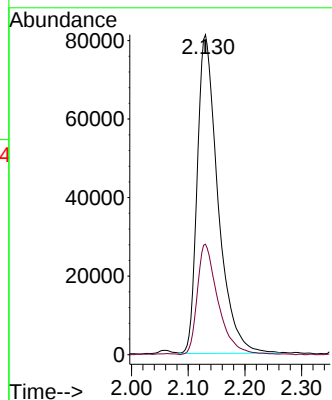
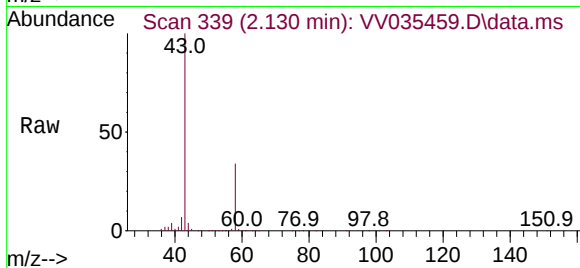
ClientSampleId :

Tgt Ion: 43 Resp: 205875

Ion Ratio Lower Upper

43 100

58 34.8 0.0 65.8



#14

Carbon disulfide

Concen: 43.533 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV035459.D

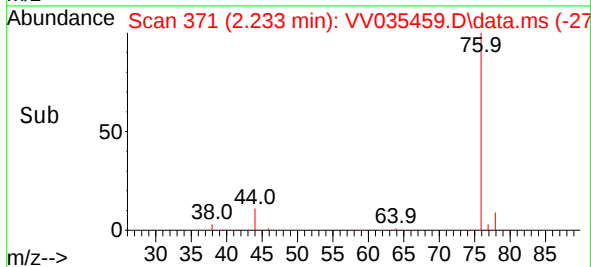
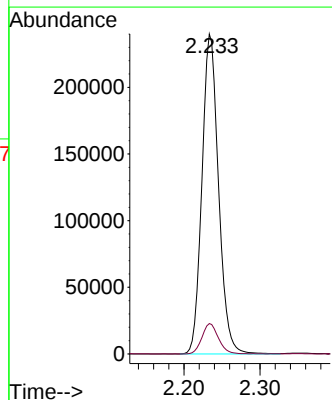
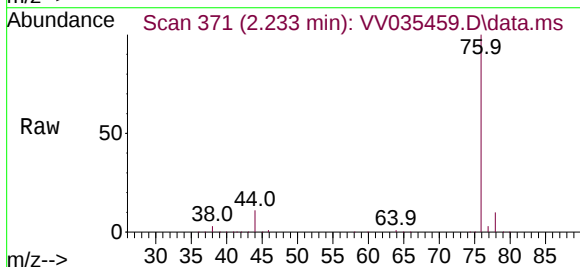
Acq: 29 Apr 2024 09:48

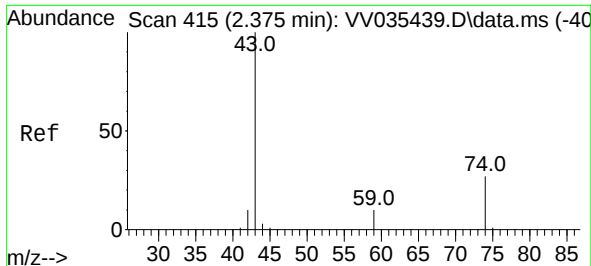
Tgt Ion: 76 Resp: 363469

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 57.293 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

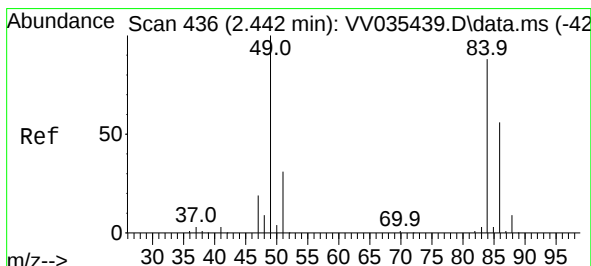
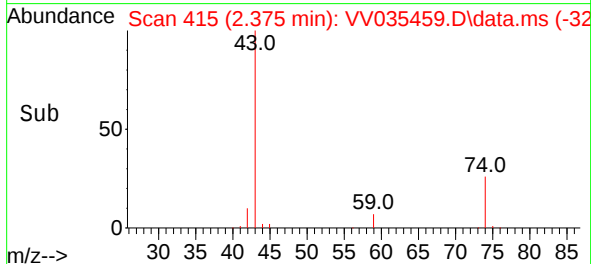
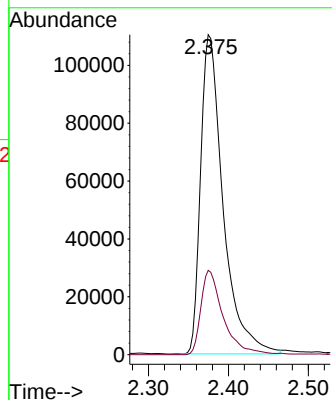
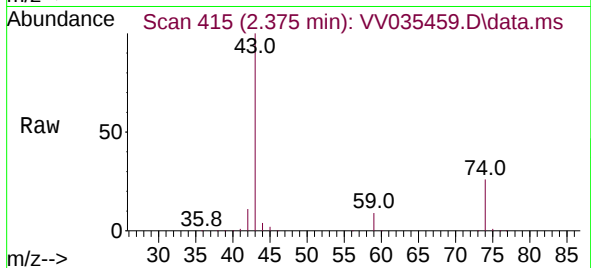
ClientSampleId :

Tgt Ion: 43 Resp: 216350

Ion Ratio Lower Upper

43 100

74 26.0 20.6 30.8



#16

Methylene chloride

Concen: 48.452 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

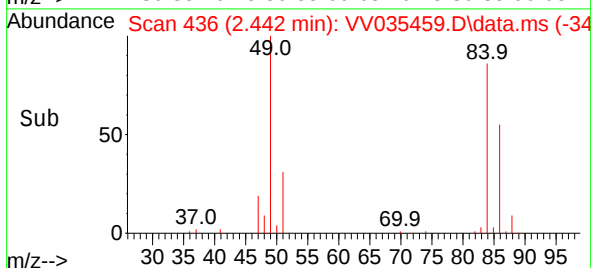
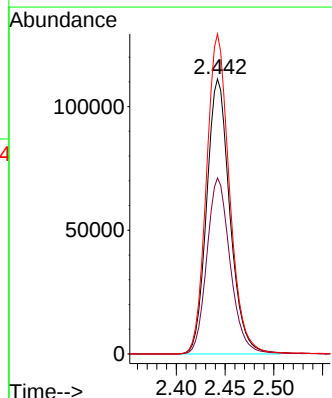
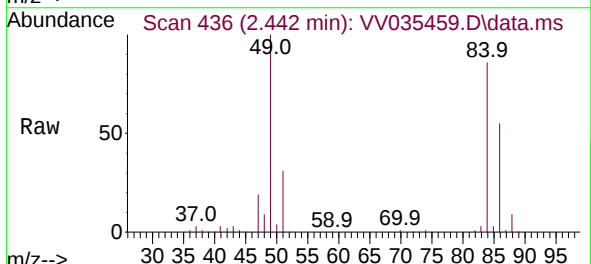
Tgt Ion: 84 Resp: 184191

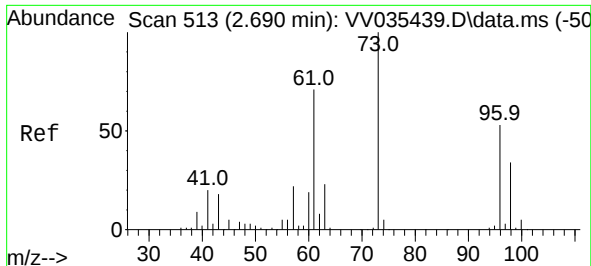
Ion Ratio Lower Upper

84 100

86 64.0 45.1 83.9

49 116.3 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 45.875 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :

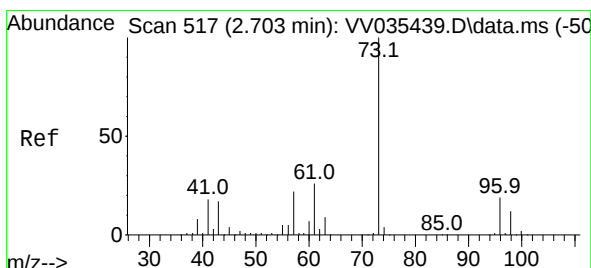
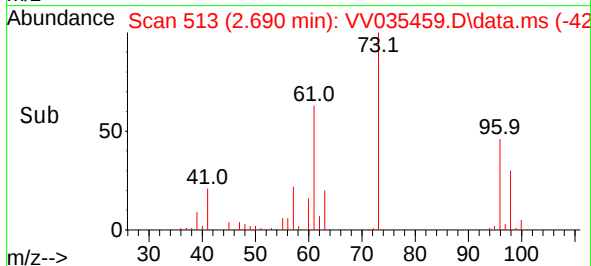
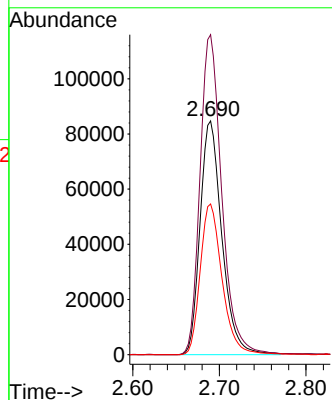
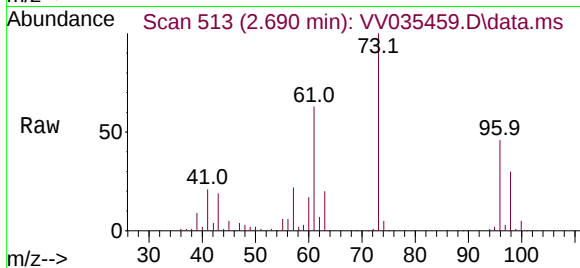
Tgt Ion: 96 Resp: 148246

Ion Ratio Lower Upper

96 100

61 136.9 96.4 179.0

98 64.5 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 53.879 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

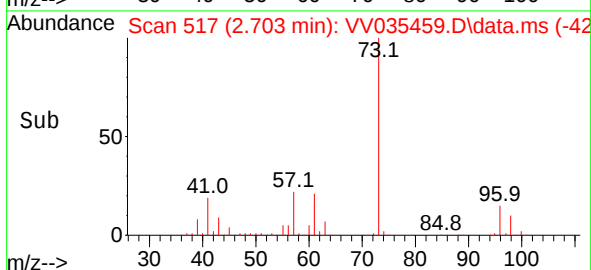
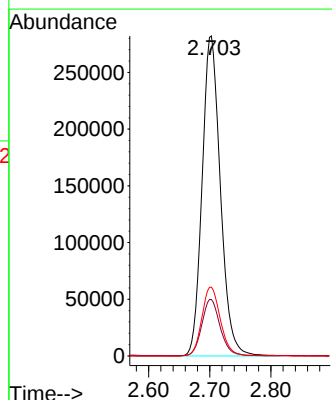
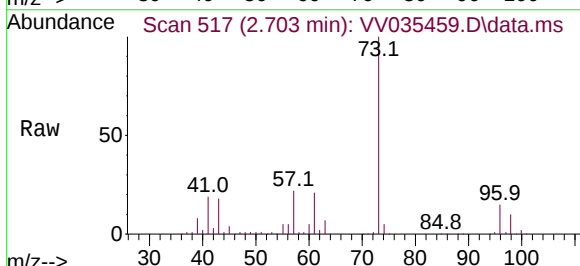
Tgt Ion: 73 Resp: 586417

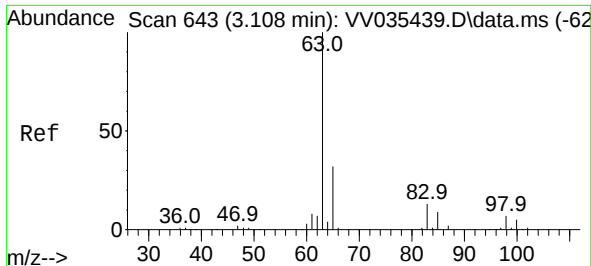
Ion Ratio Lower Upper

73 100

43 17.6 13.9 20.9

57 21.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 48.692 ug/L

RT: 3.105 min Scan# 643

Delta R.T. -0.003 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :

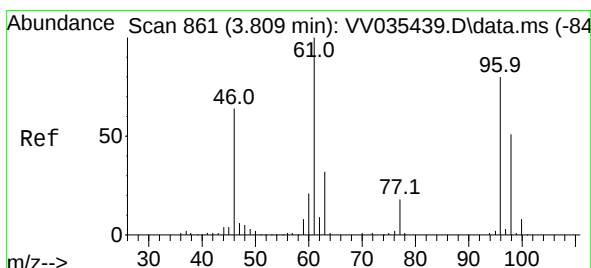
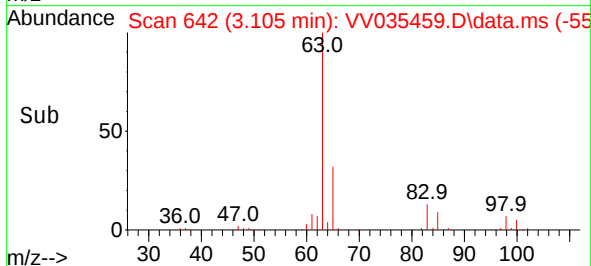
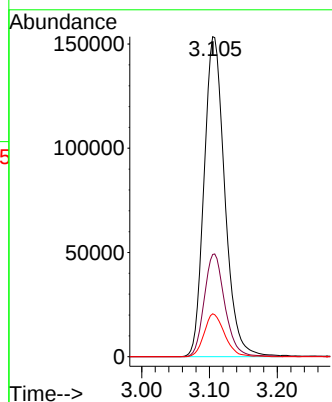
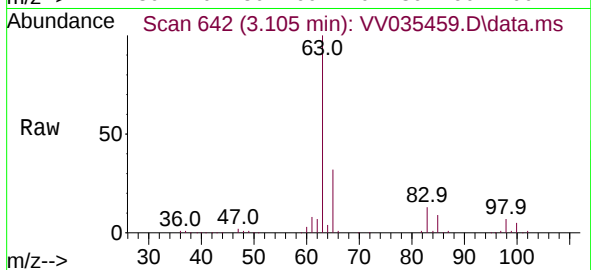
Tgt Ion: 63 Resp: 325717

Ion Ratio Lower Upper

63 100

65 32.0 22.1 41.1

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 49.558 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

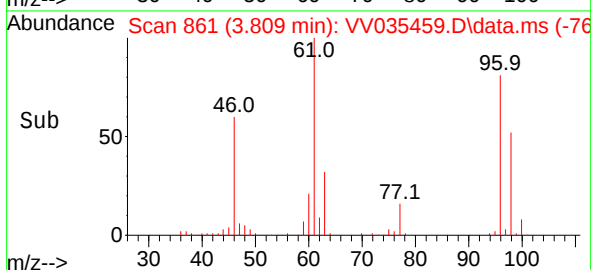
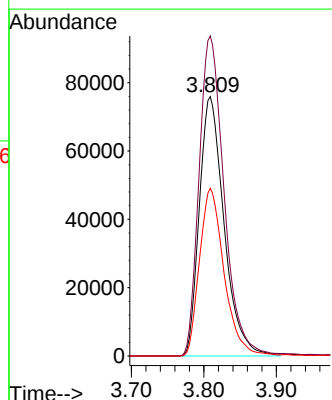
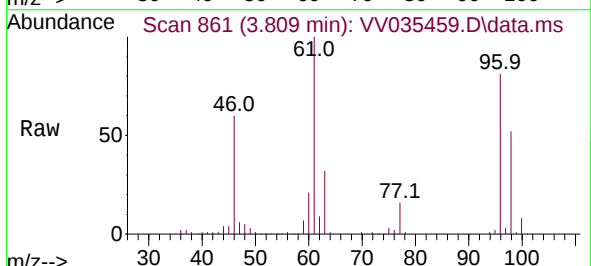
Tgt Ion: 96 Resp: 180167

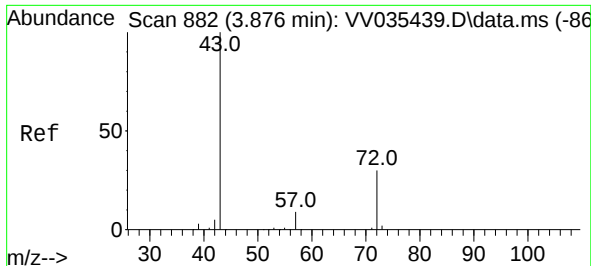
Ion Ratio Lower Upper

96 100

61 123.4 86.9 161.5

98 64.6 44.6 82.8





#22

2-Butanone

Concen: 79.937 ug/L

RT: 3.879 min Scan# 882

Delta R.T. 0.003 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

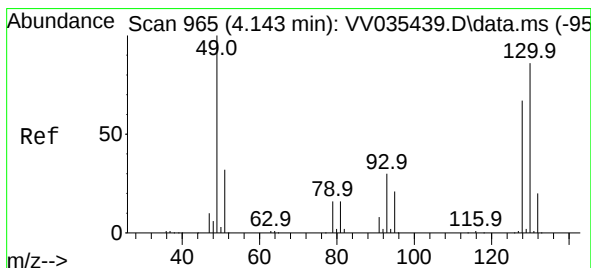
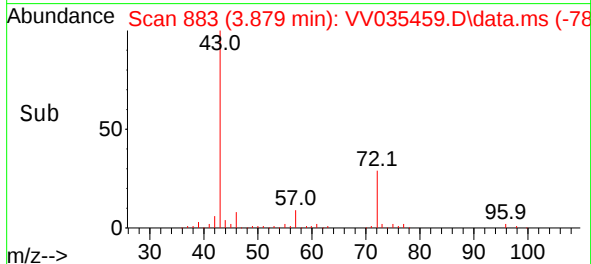
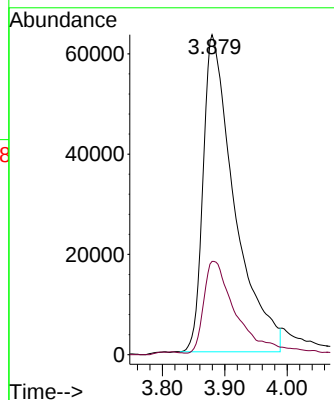
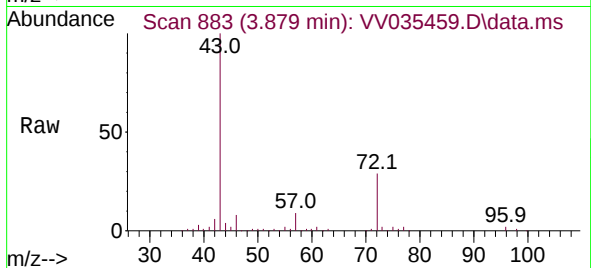
ClientSampleId :

Tgt Ion: 43 Resp: 220198

Ion Ratio Lower Upper

43 100

72 26.9 13.8 41.4



#23

Bromochloromethane

Concen: 49.045 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Tgt Ion:128 Resp: 99220

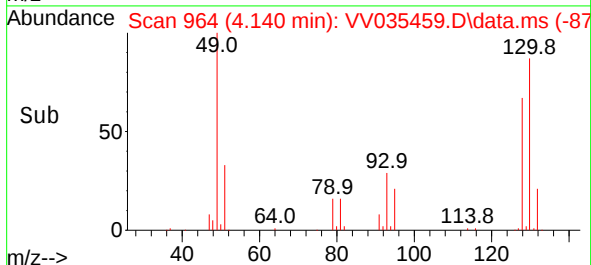
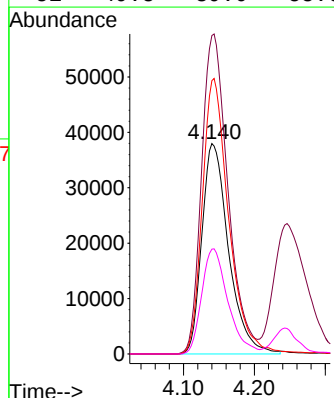
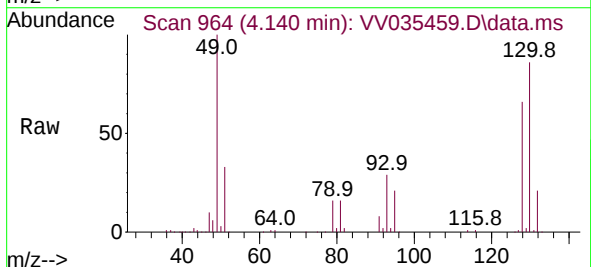
Ion Ratio Lower Upper

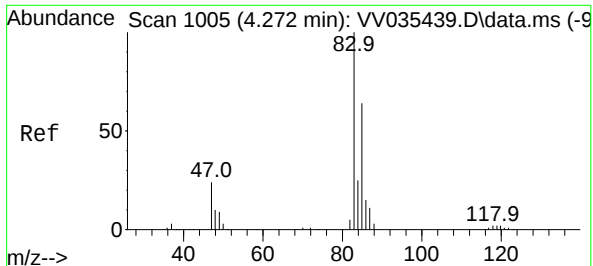
128 100

49 151.3 107.7 200.1

130 129.9 93.4 173.4

51 49.8 39.0 58.6





#25

Chloroform

Concen: 48.139 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

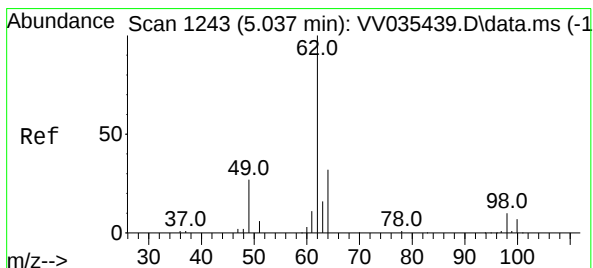
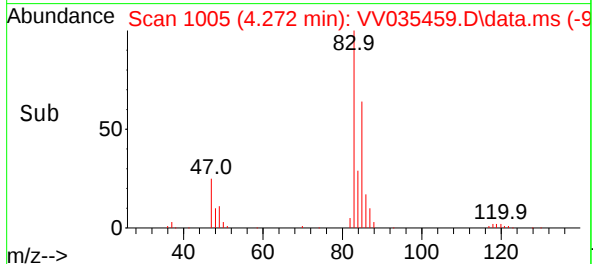
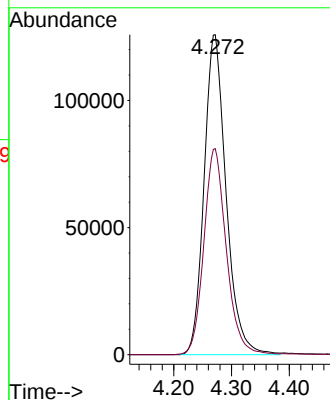
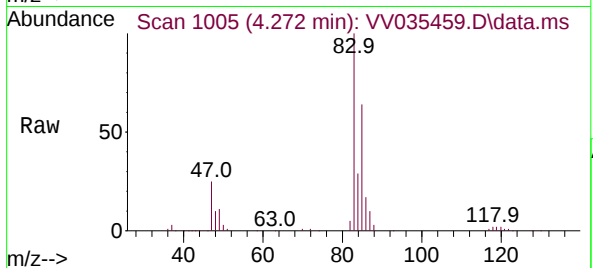
ClientSampleId :

Tgt Ion: 83 Resp: 332858

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 51.040 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035459.D

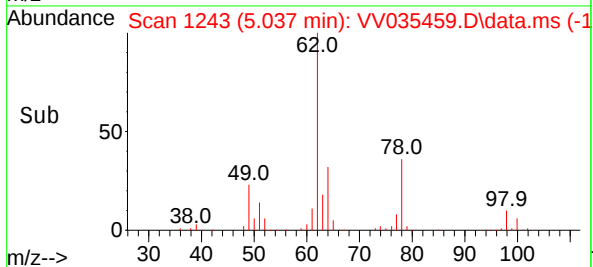
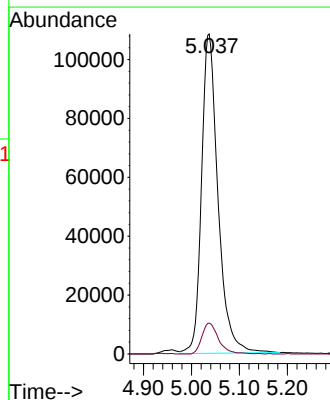
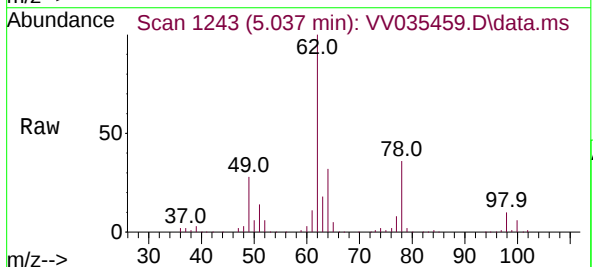
Acq: 29 Apr 2024 09:48

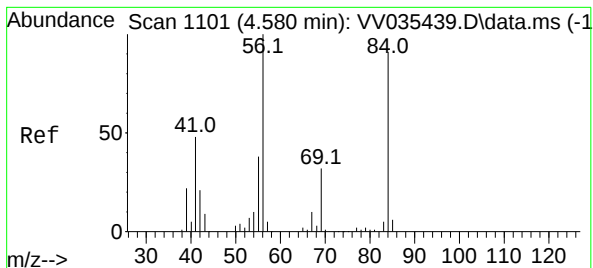
Tgt Ion: 62 Resp: 259168

Ion Ratio Lower Upper

62 100

98 9.7 8.0 12.0





#29

Cyclohexane

Concen: 48.020 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

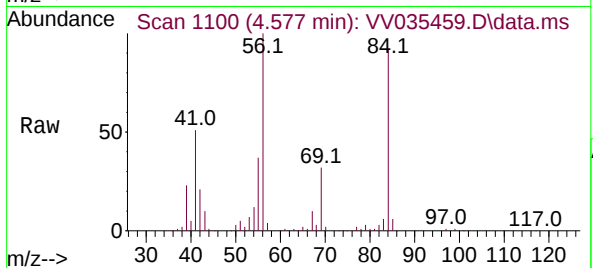
Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :



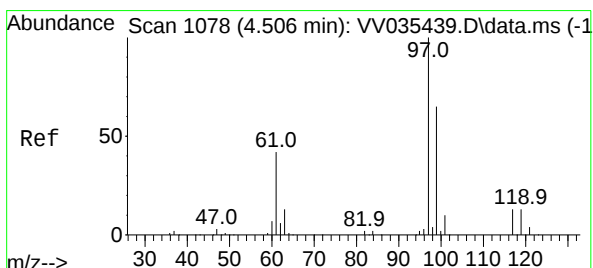
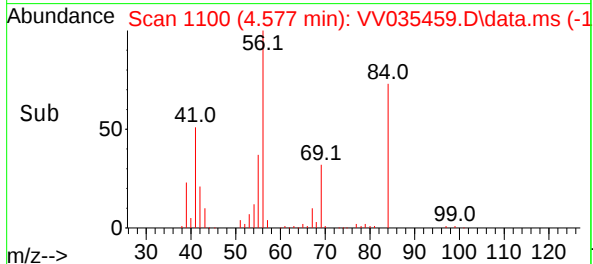
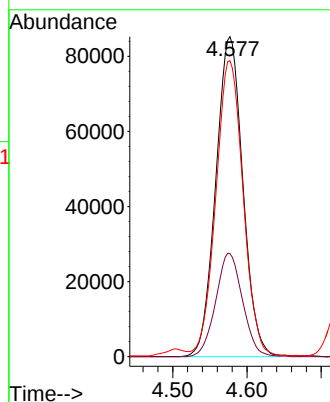
Tgt Ion: 56 Resp: 216009

Ion Ratio Lower Upper

56 100

69 32.0 25.4 38.2

84 92.7 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 48.829 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

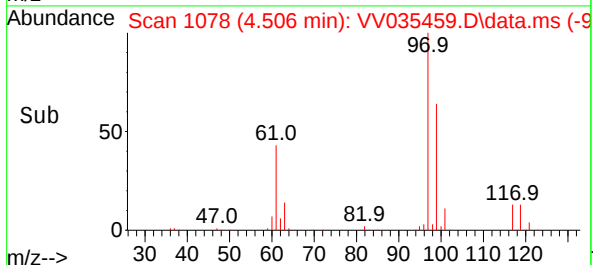
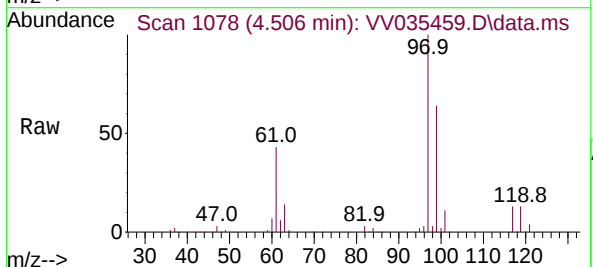
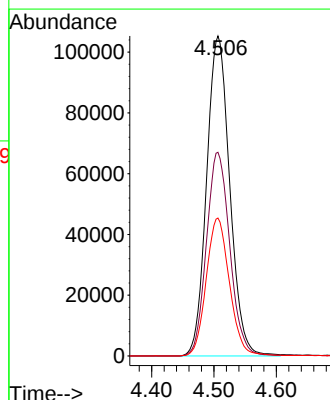
Tgt Ion: 97 Resp: 271719

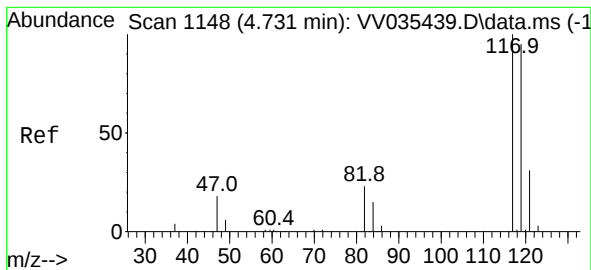
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 43.3 35.4 53.2





#31

Carbon tetrachloride

Concen: 47.338 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

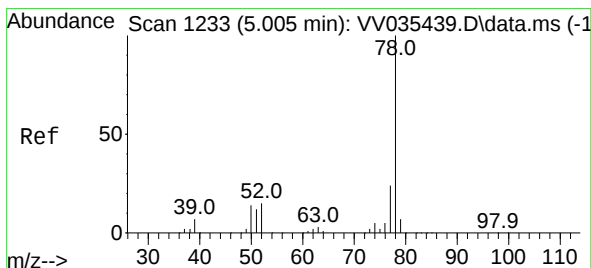
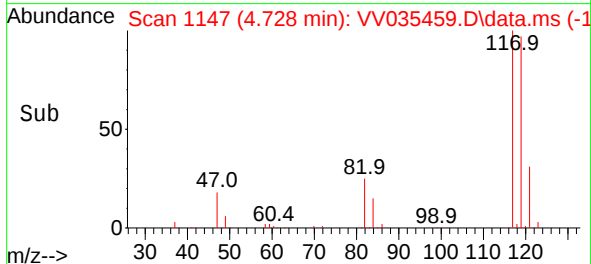
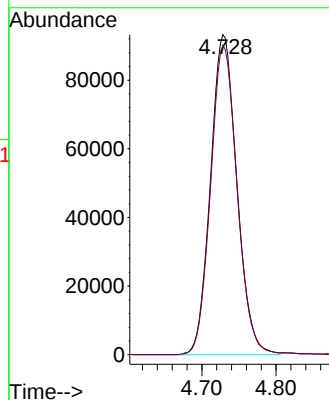
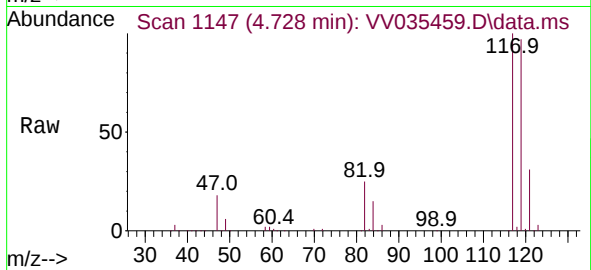
ClientSampleId :

Tgt Ion:117 Resp: 230149

Ion Ratio Lower Upper

117 100

119 96.8 76.4 114.6



#33

Benzene

Concen: 50.877 ug/L

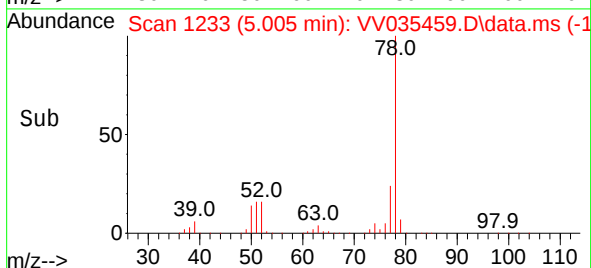
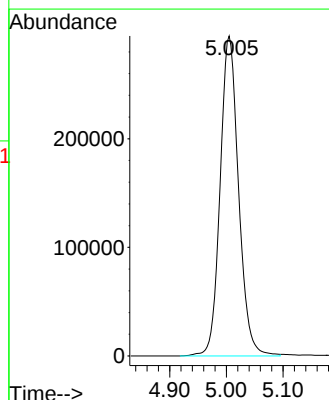
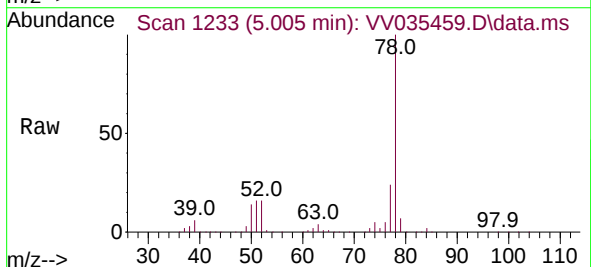
RT: 5.005 min Scan# 1233

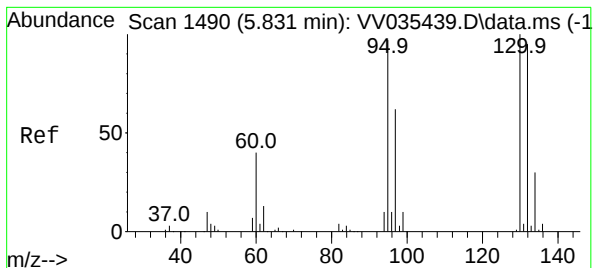
Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Tgt Ion: 78 Resp: 665918





#34

Trichloroethene

Concen: 47.861 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

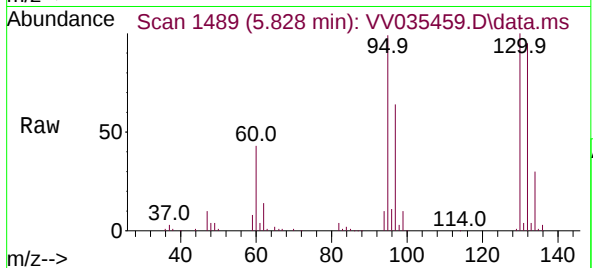
Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 169901

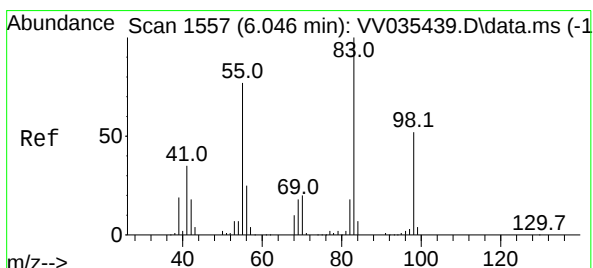
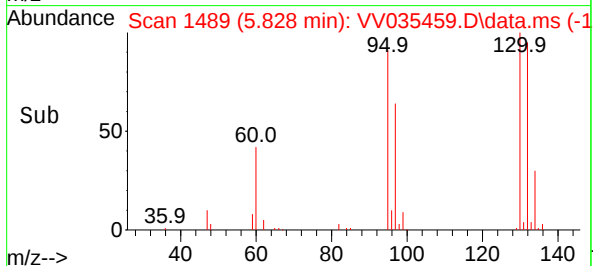
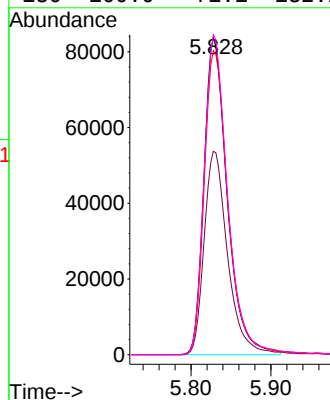
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.0

132 95.9 68.0 126.2

130 100.9 71.1 132.1



#35

Methylcyclohexane

Concen: 44.140 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

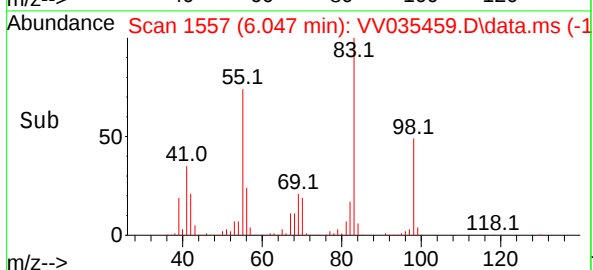
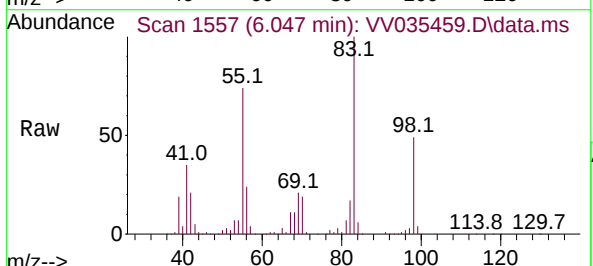
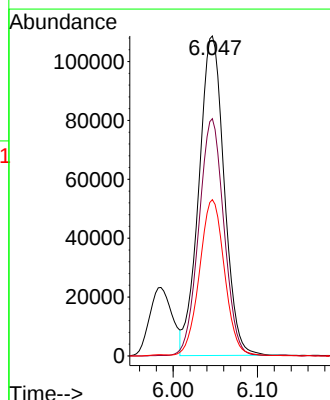
Tgt Ion: 83 Resp: 226708

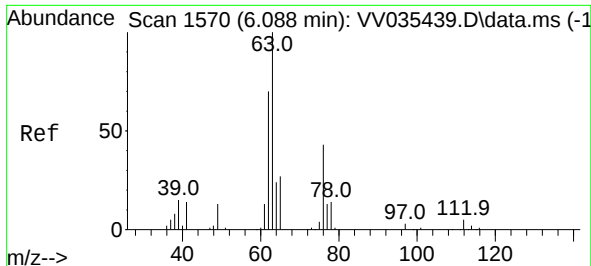
Ion Ratio Lower Upper

83 100

55 73.8 59.7 89.5

98 48.6 39.0 58.6

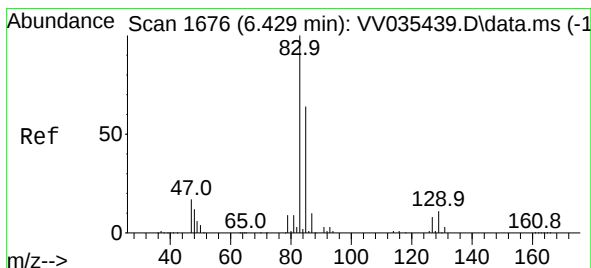
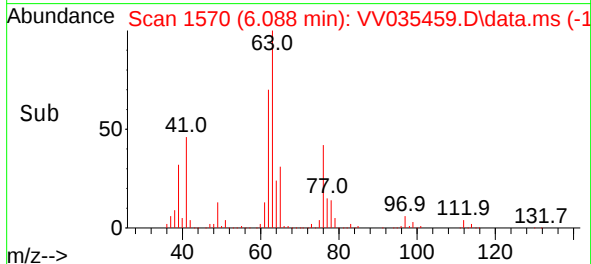
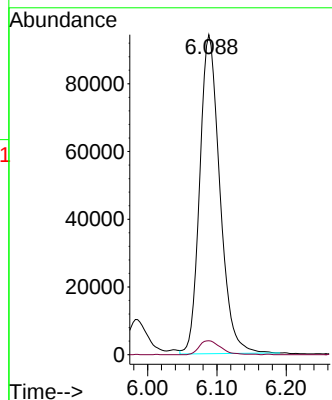
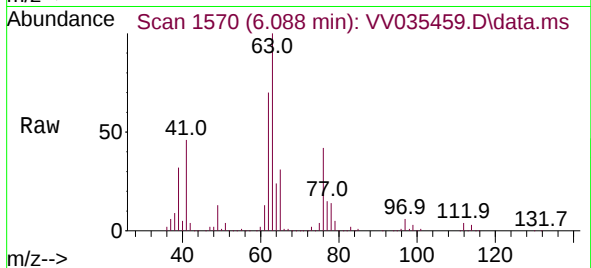




#37
1,2-Dichloropropane
Concen: 51.911 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

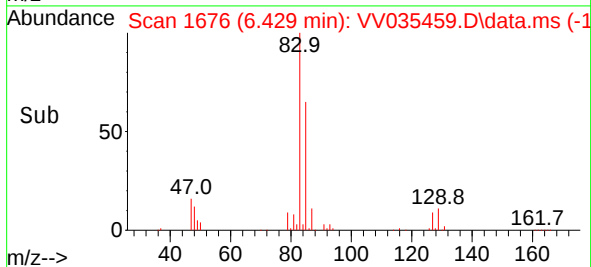
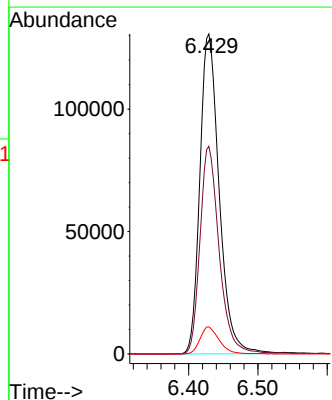
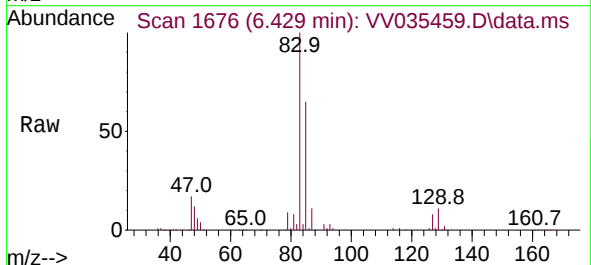
Instrument :
MSVOA_V
ClientSampleId :

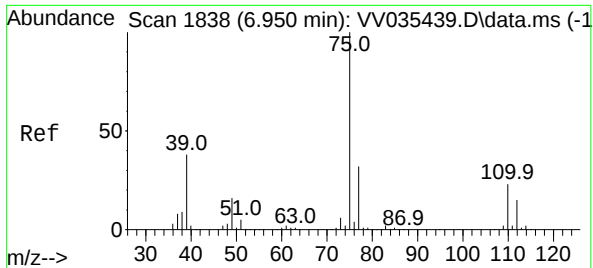
Tgt Ion: 63 Resp: 189687
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 51.399 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

Tgt Ion: 83 Resp: 253614
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9
127 8.5 7.0 10.4

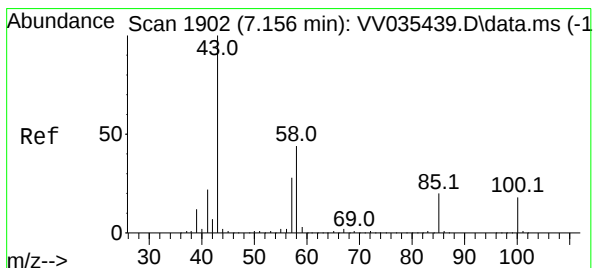
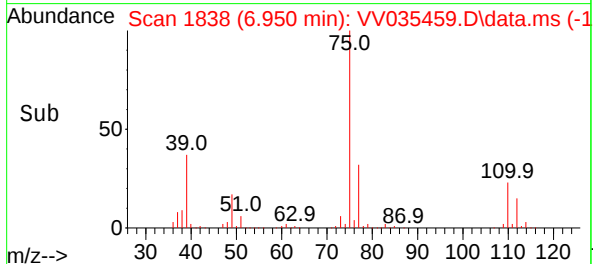
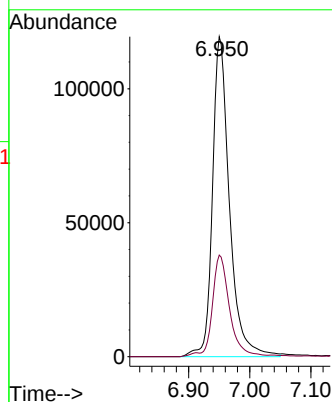
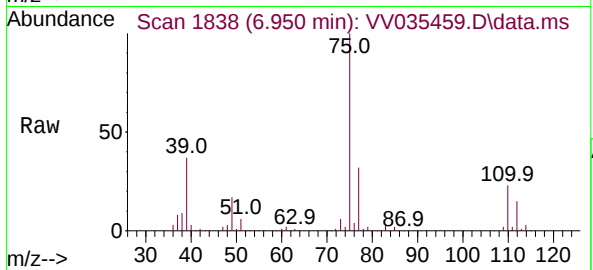




#39
cis-1,3-Dichloropropene
Concen: 42.555 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

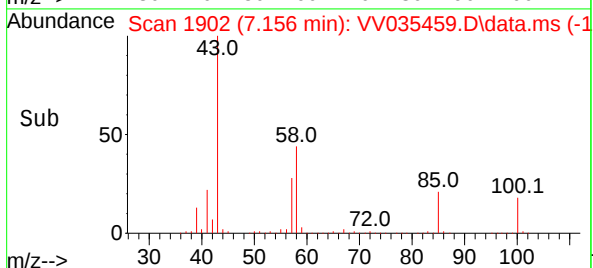
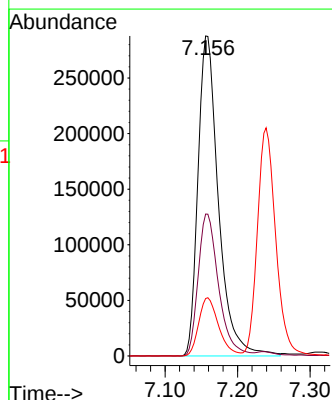
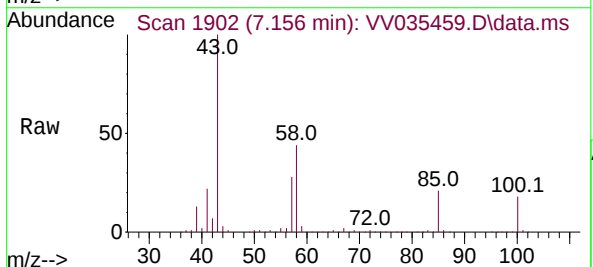
Instrument :
MSVOA_V
ClientSampleId :

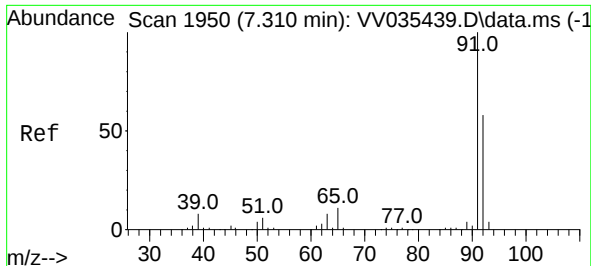
Tgt Ion: 75 Resp: 230154
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 129.566 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

Tgt Ion: 43 Resp: 565386
Ion Ratio Lower Upper
43 100
58 44.1 35.0 52.4
100 17.7 14.3 21.5





#42

Toluene

Concen: 50.714 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

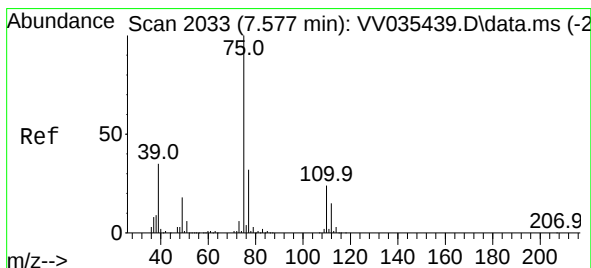
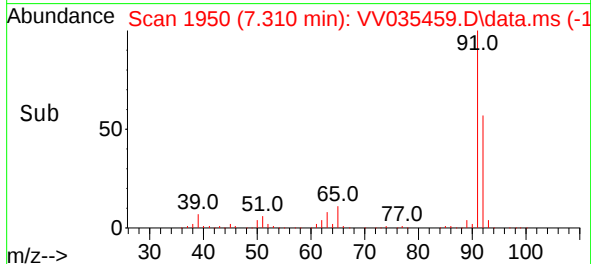
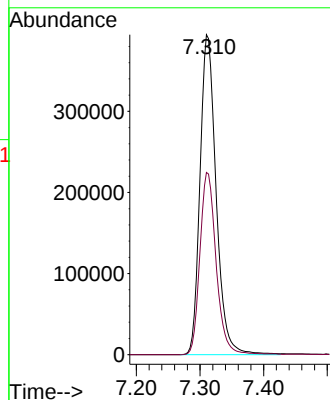
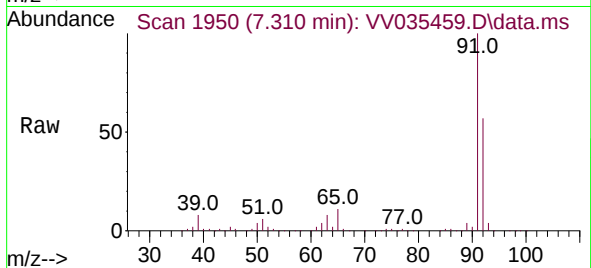
ClientSampleId :

Tgt Ion: 91 Resp: 695582

Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 42.025 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035459.D

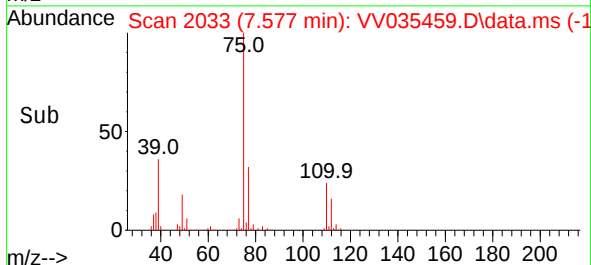
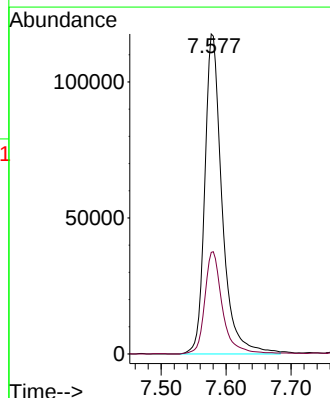
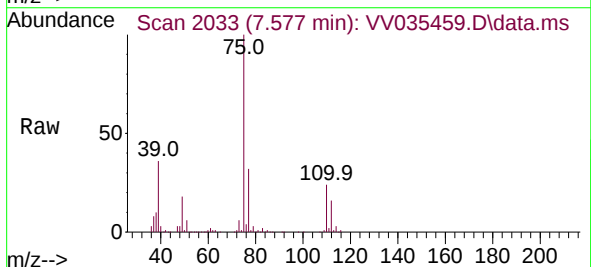
Acq: 29 Apr 2024 09:48

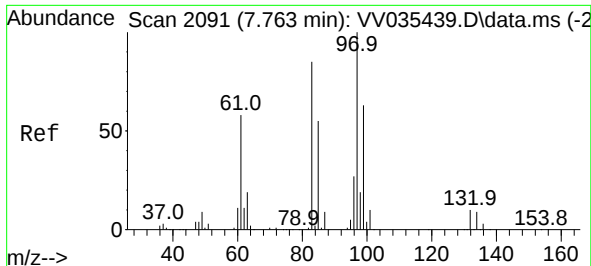
Tgt Ion: 75 Resp: 218182

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



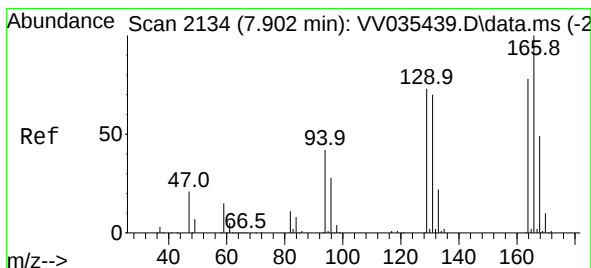
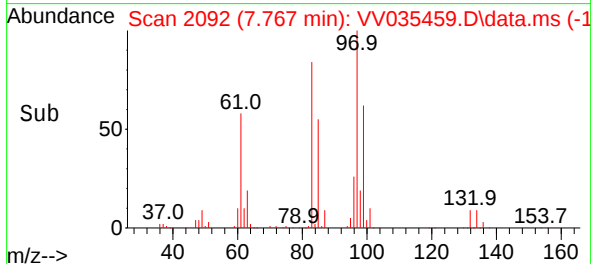
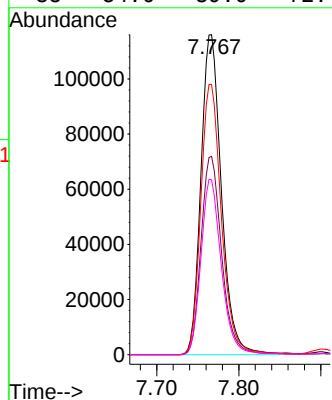
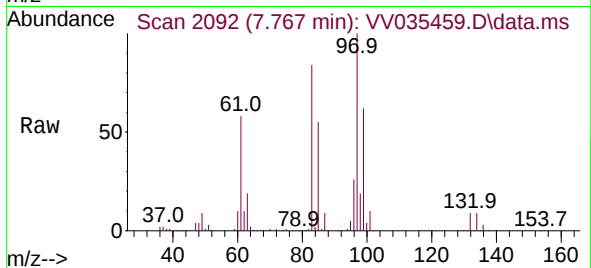


#45
1,1,2-Trichloroethane
Concen: 52.775 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 201383

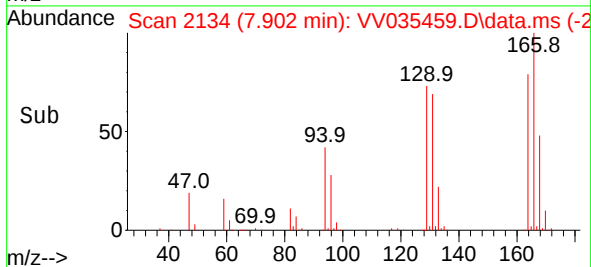
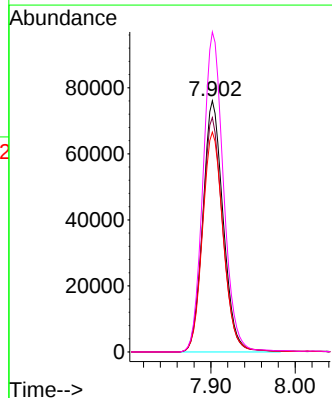
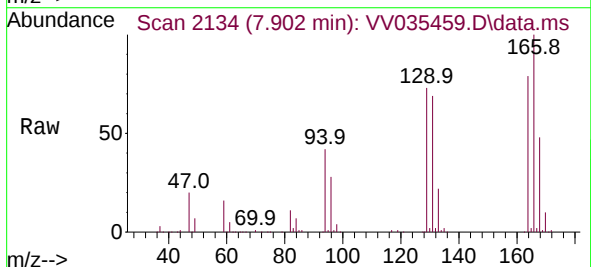
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.3	82.3
83	84.4	60.5	112.3
85	54.6	39.0	72.4

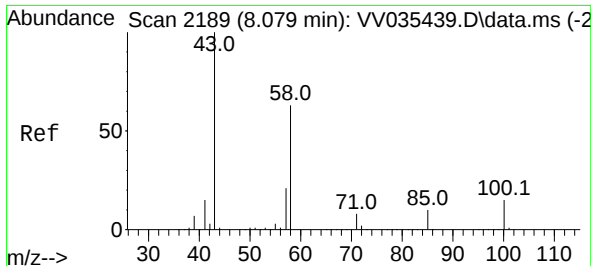


#46
Tetrachloroethene
Concen: 45.960 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

Tgt Ion: 164 Resp: 127989

Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.7	122.1
131	87.5	63.6	118.0
166	127.4	89.9	167.0





#48

2-Hexanone

Concen: 121.071 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

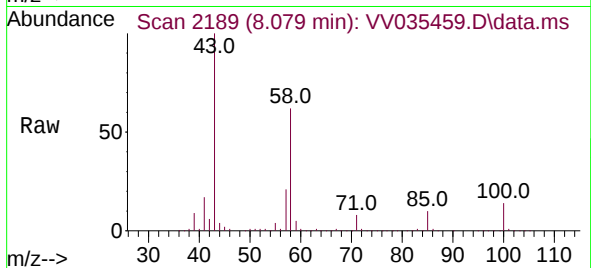
Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 449129

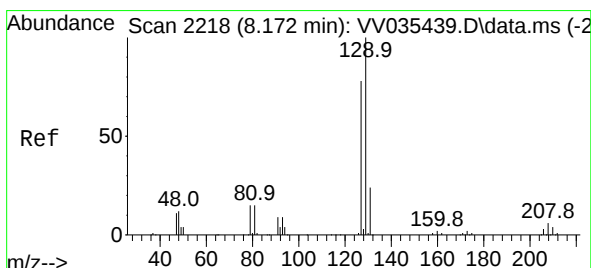
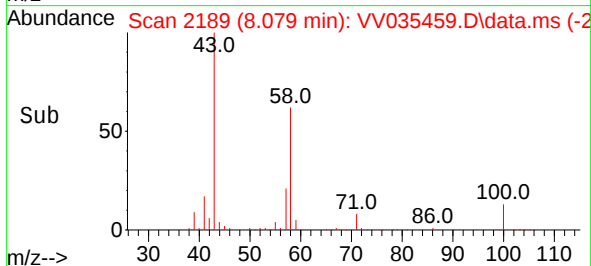
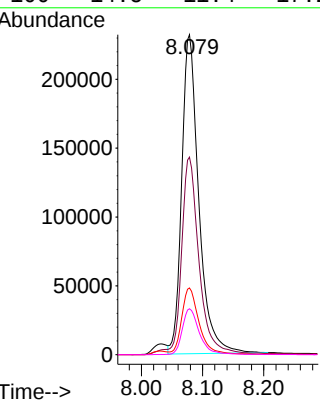
Ion Ratio Lower Upper

43 100

58 60.4 49.4 74.0

57 20.6 17.1 25.7

100 14.5 11.4 17.2



#49

Dibromochloromethane

Concen: 52.135 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV035459.D

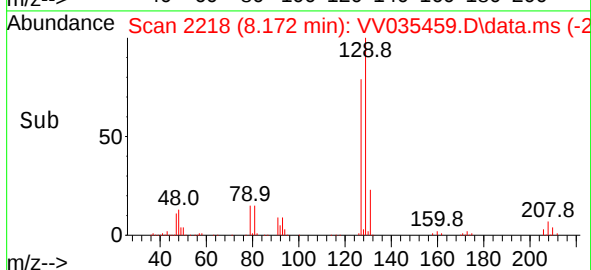
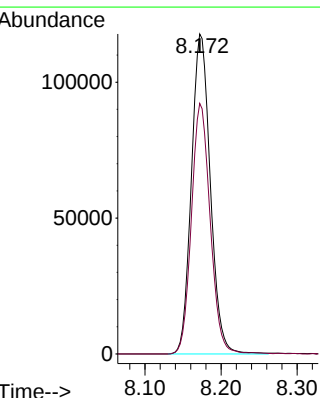
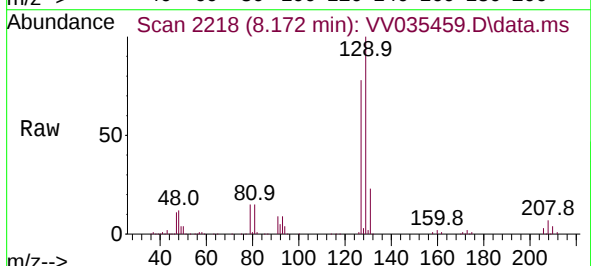
Acq: 29 Apr 2024 09:48

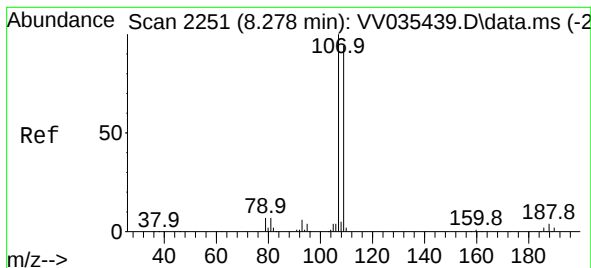
Tgt Ion: 129 Resp: 203372

Ion Ratio Lower Upper

129 100

127 78.3 53.1 98.5





#50

1,2-Dibromoethane

Concen: 53.815 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :

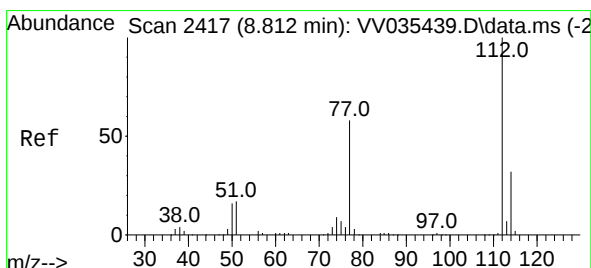
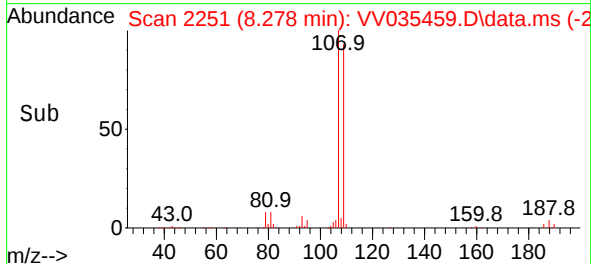
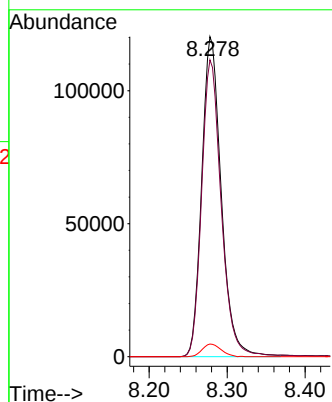
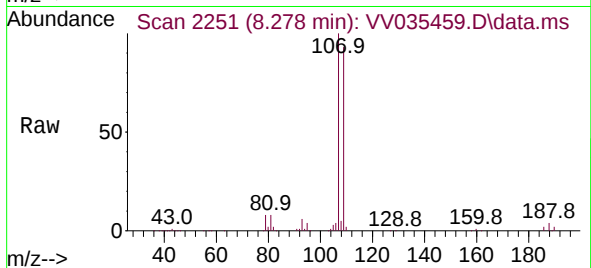
Tgt Ion:107 Resp: 208917

Ion Ratio Lower Upper

107 100

109 92.8 65.7 122.1

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 47.788 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

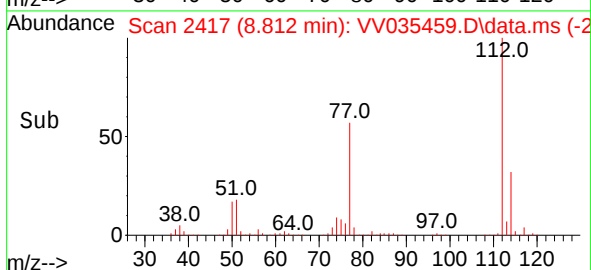
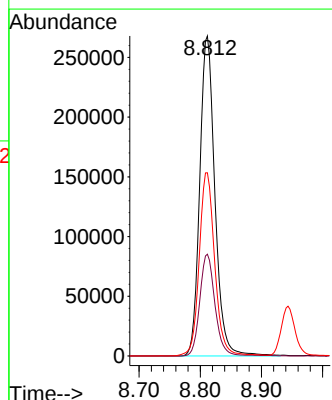
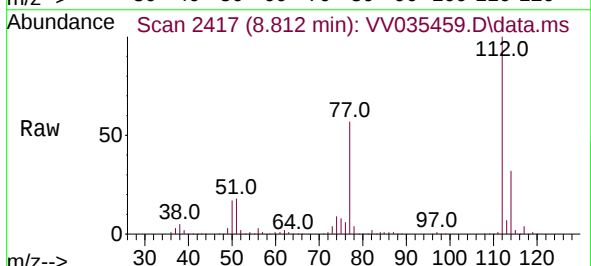
Tgt Ion:112 Resp: 462191

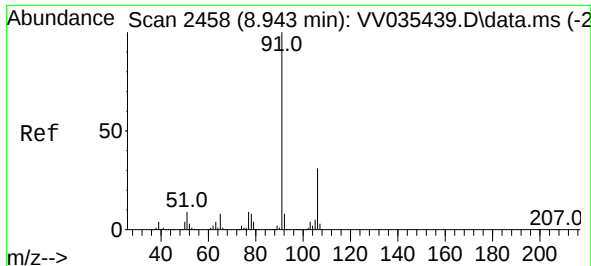
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 57.3 45.6 68.4





#52

Ethylbenzene

Concen: 49.908 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

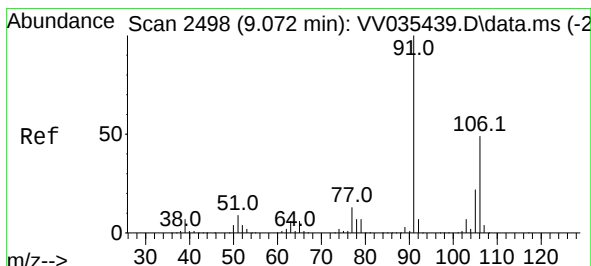
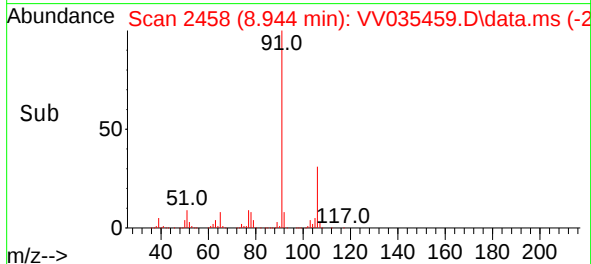
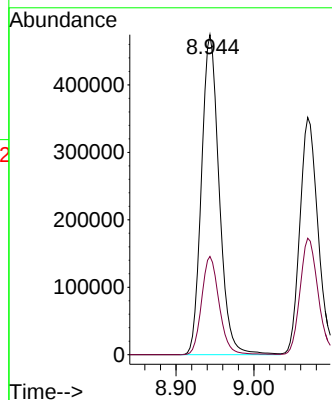
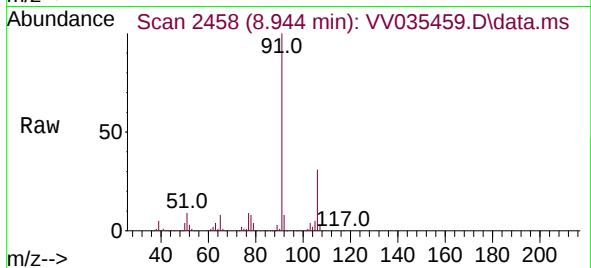
ClientSampleId :

Tgt Ion: 91 Resp: 747987

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 49.550 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV035459.D

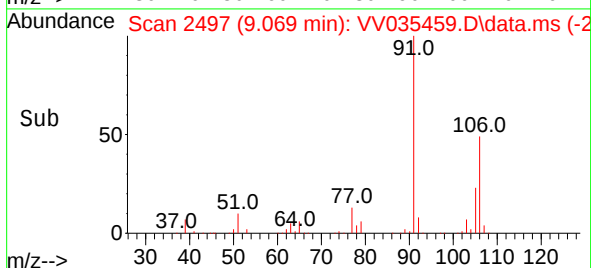
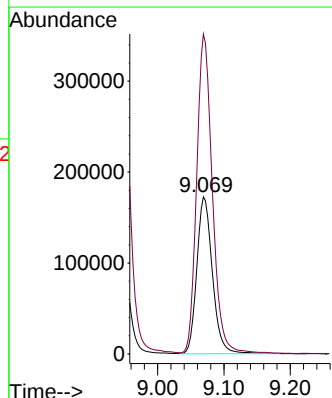
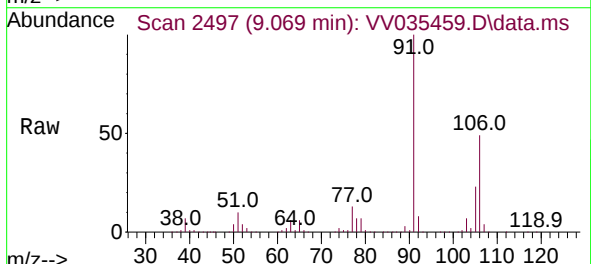
Acq: 29 Apr 2024 09:48

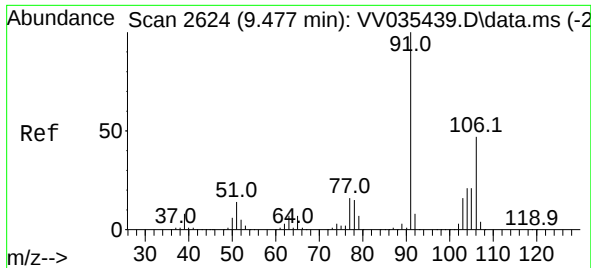
Tgt Ion: 106 Resp: 281055

Ion Ratio Lower Upper

106 100

91 203.6 142.2 264.0

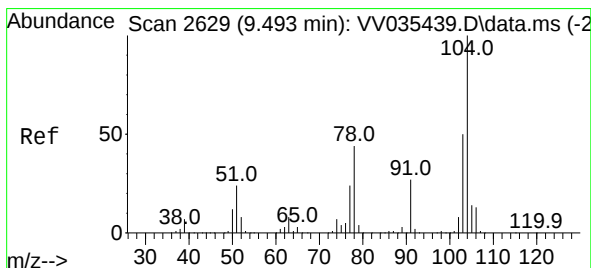
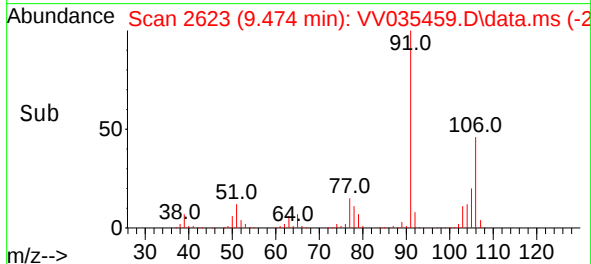
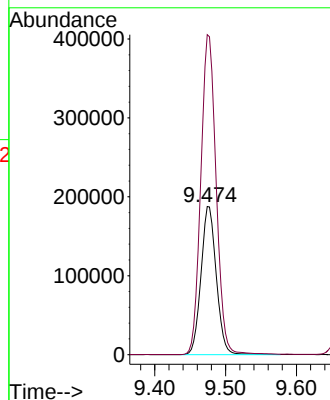
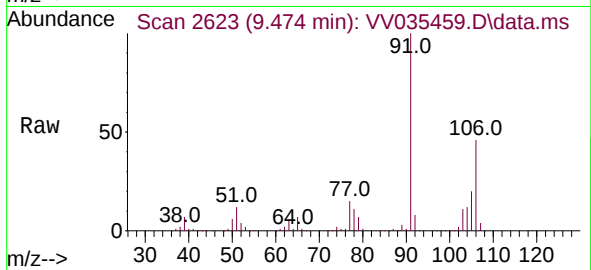




#54
o-Xylene
Concen: 50.692 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

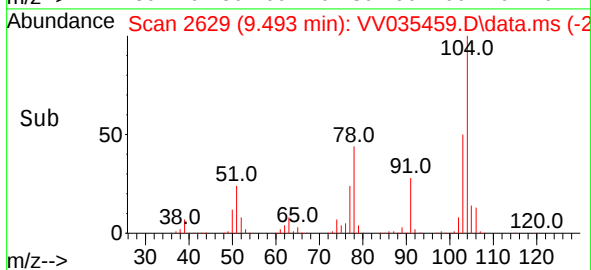
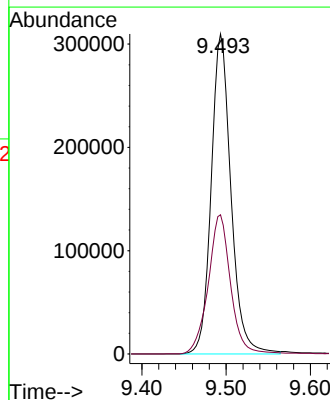
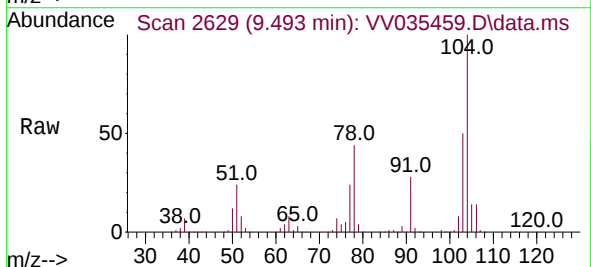
Instrument :
MSVOA_V
ClientSampleId :

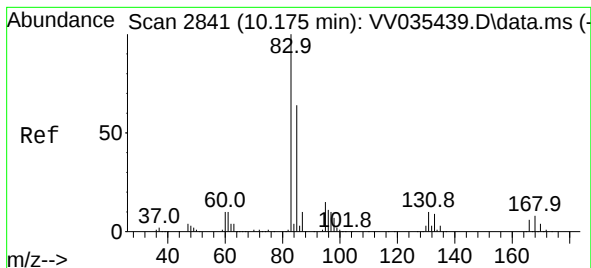
Tgt Ion:106 Resp: 281155
Ion Ratio Lower Upper
106 100
91 216.0 152.7 283.5



#55
Styrene
Concen: 52.770 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

Tgt Ion:104 Resp: 504750
Ion Ratio Lower Upper
104 100
78 43.5 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 55.629 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :

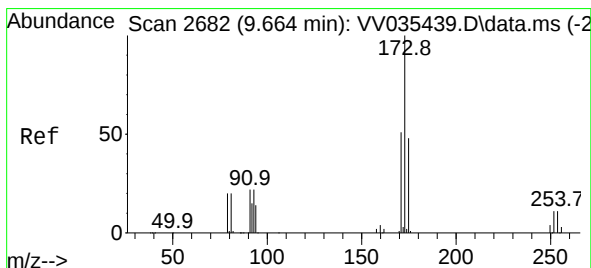
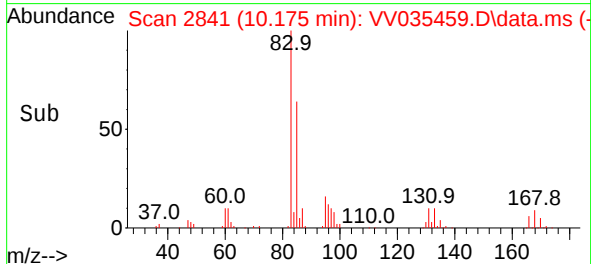
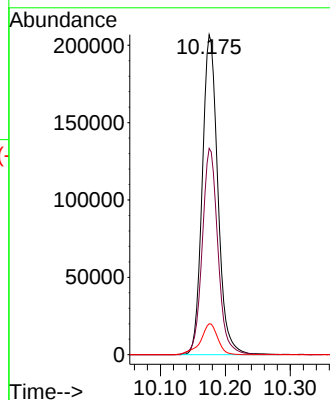
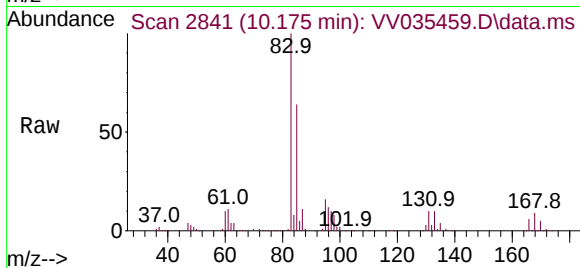
Tgt Ion: 83 Resp: 345064

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2

131 9.7 7.9 11.9



#59

Bromoform

Concen: 54.604 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

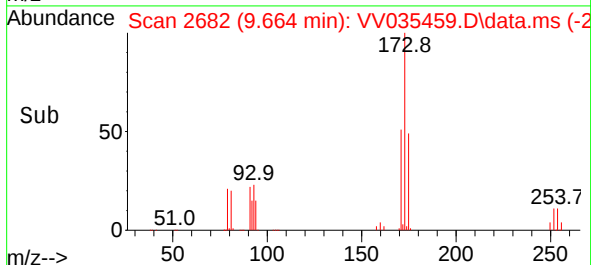
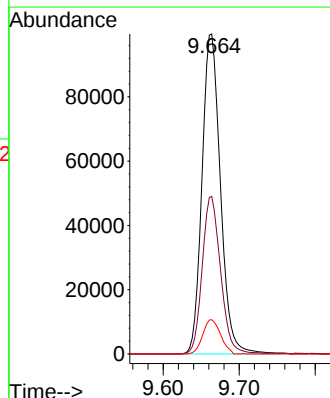
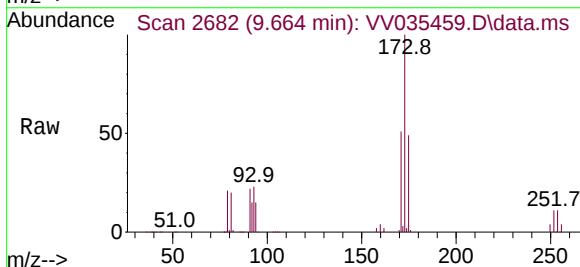
Tgt Ion: 173 Resp: 168129

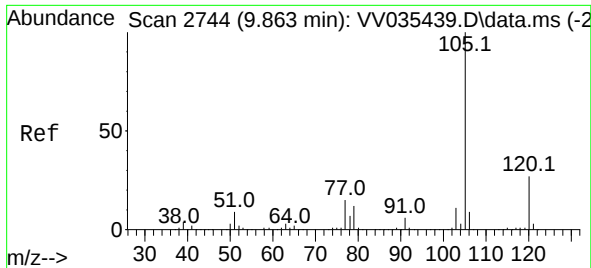
Ion Ratio Lower Upper

173 100

175 49.1 38.6 58.0

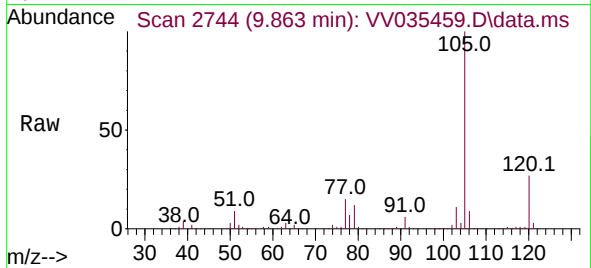
254 10.3 8.7 13.1



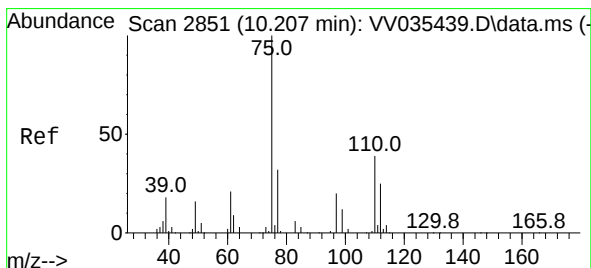
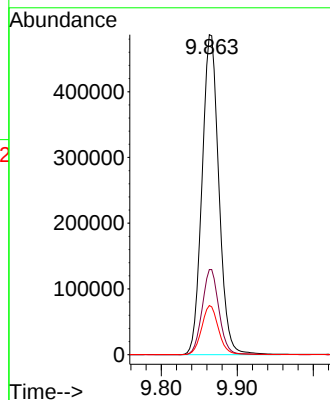
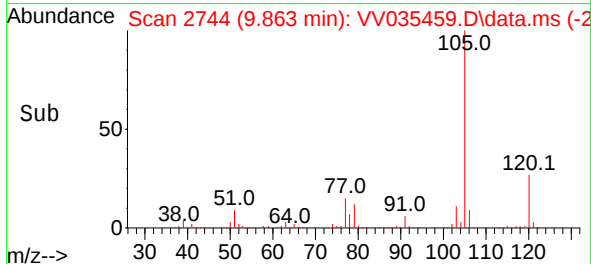


#60
Isopropylbenzene
Concen: 50.347 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48

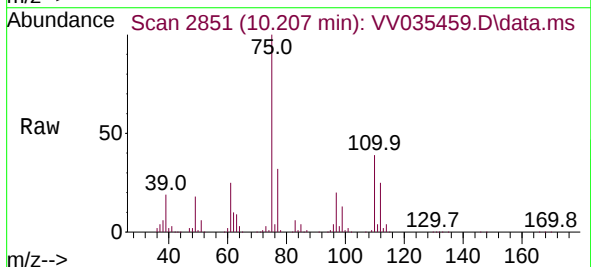
Instrument :
MSVOA_V
ClientSampleId :



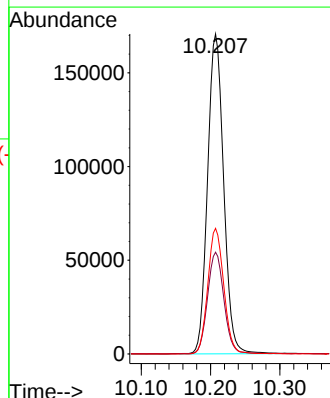
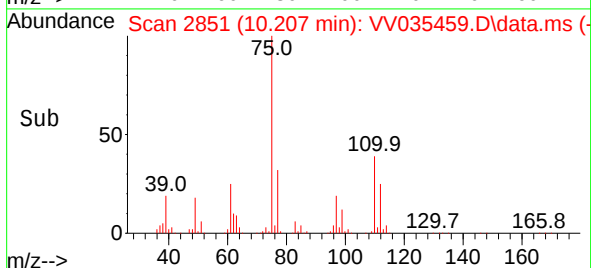
Tgt Ion:105 Resp: 749128
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.2 12.4 18.6

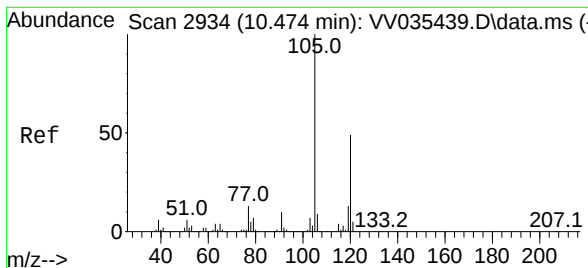


#61
1,2,3-Trichloropropane
Concen: 56.359 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035459.D
Acq: 29 Apr 2024 09:48



Tgt Ion: 75 Resp: 273593
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
110 39.1 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 51.009 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

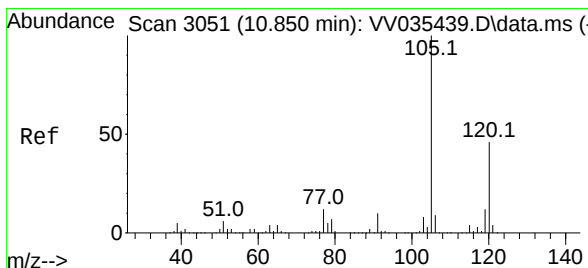
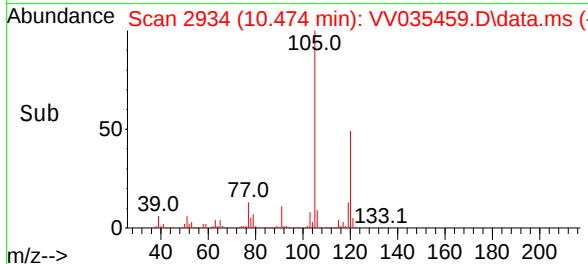
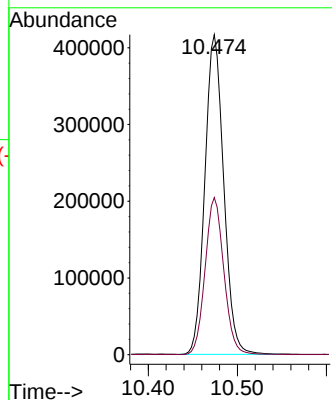
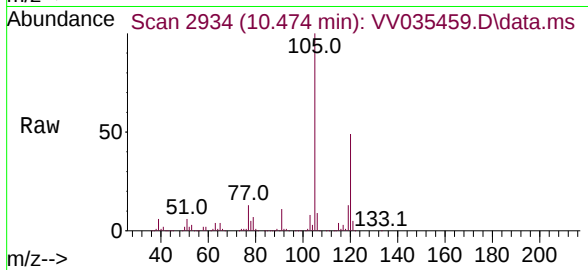
ClientSampleId :

Tgt Ion:105 Resp: 611430

Ion Ratio Lower Upper

105 100

120 48.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 52.204 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035459.D

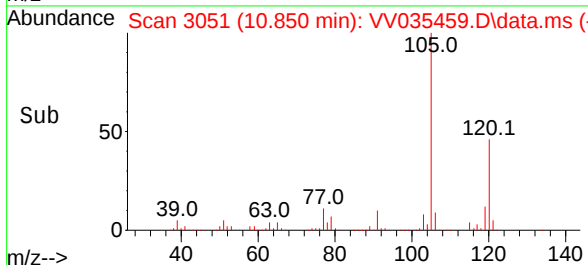
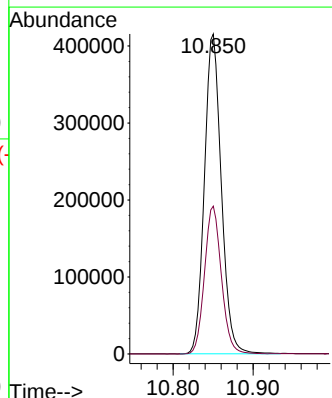
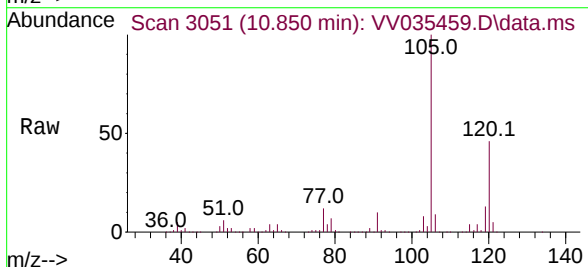
Acq: 29 Apr 2024 09:48

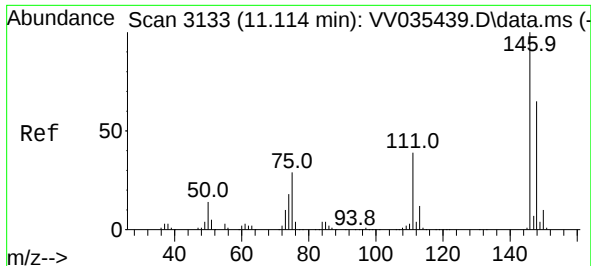
Tgt Ion:105 Resp: 612657

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 48.839 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

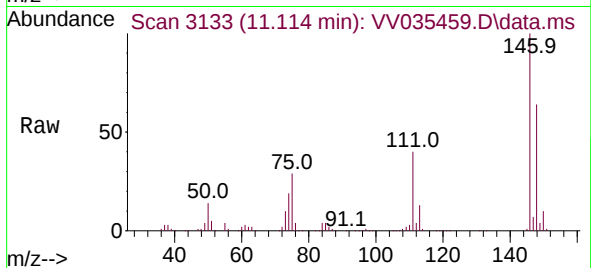
Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :



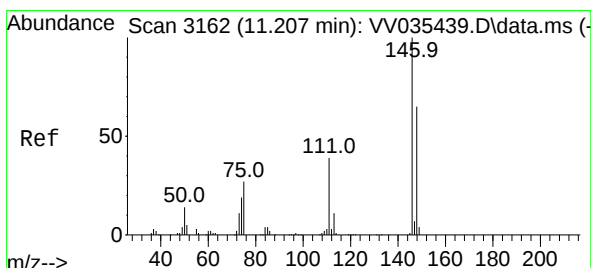
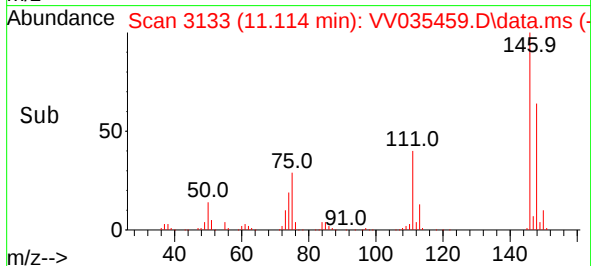
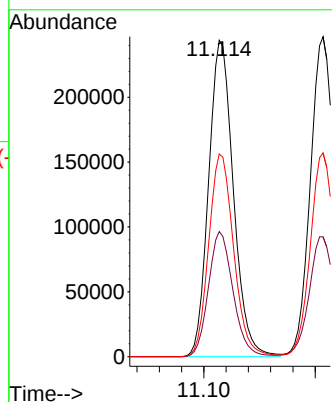
Tgt Ion:146 Resp: 376446

Ion Ratio Lower Upper

146 100

111 39.5 27.0 50.2

148 64.1 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 47.897 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

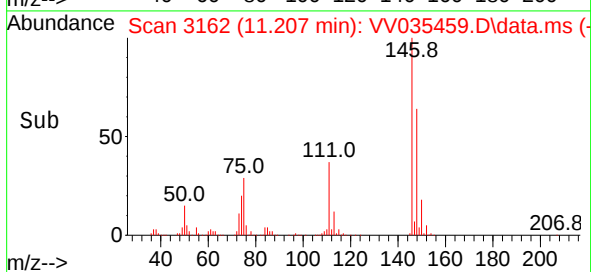
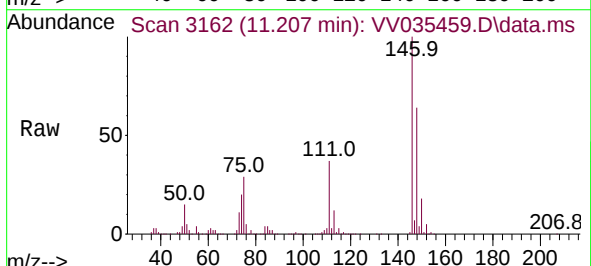
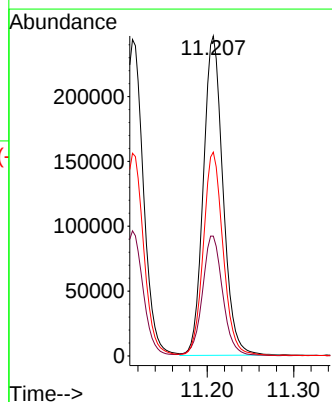
Tgt Ion:146 Resp: 387241

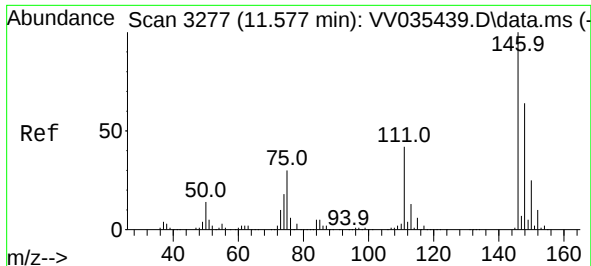
Ion Ratio Lower Upper

146 100

111 37.4 26.5 49.1

148 63.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 50.959 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :

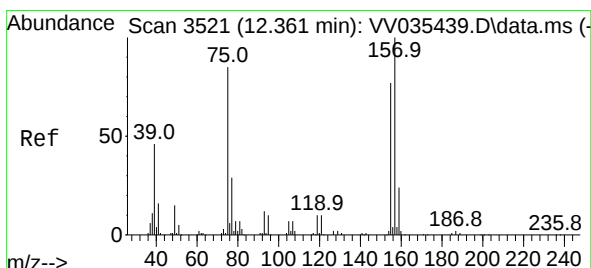
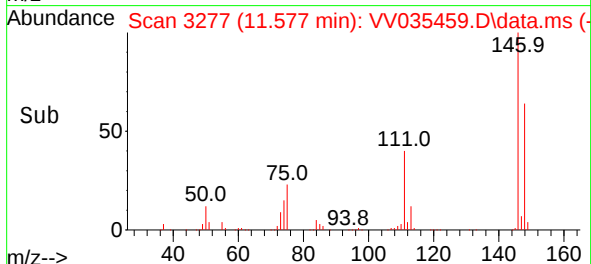
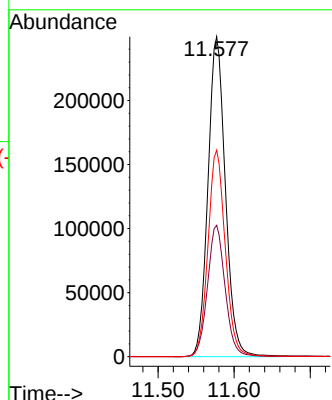
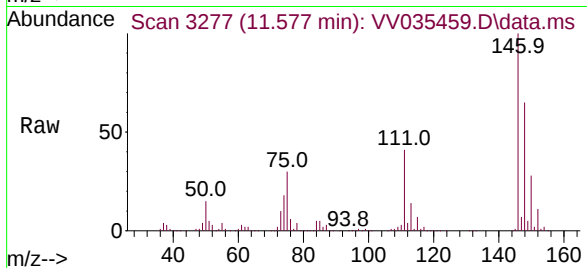
Tgt Ion:146 Resp: 397963

Ion Ratio Lower Upper

146 100

111 41.1 33.3 49.9

148 64.5 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 63.694 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

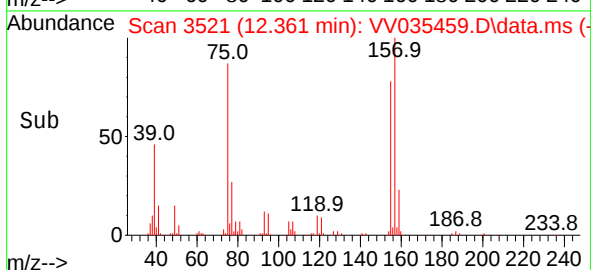
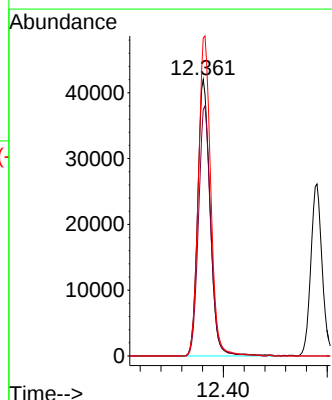
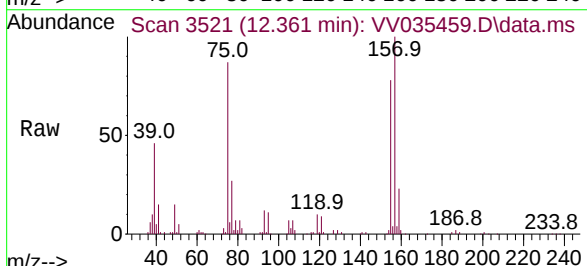
Tgt Ion: 75 Resp: 69953

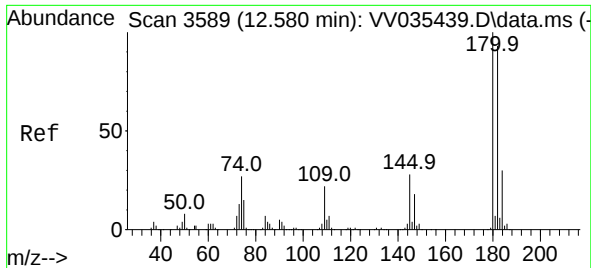
Ion Ratio Lower Upper

75 100

155 89.1 70.6 106.0

157 115.0 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 46.748 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

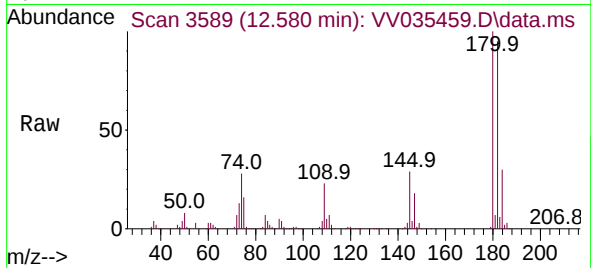
Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 255307

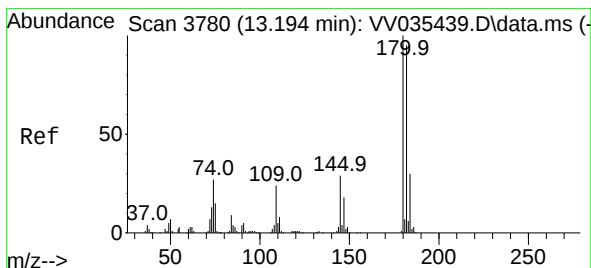
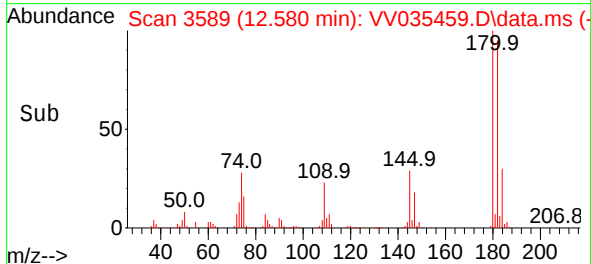
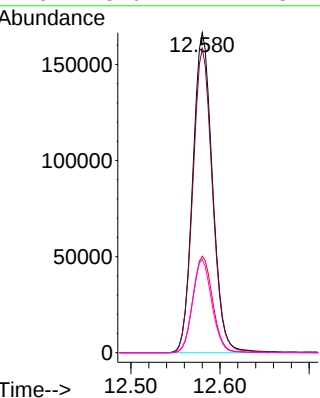
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

184 30.1 23.8 35.6

145 28.6 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 49.259 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

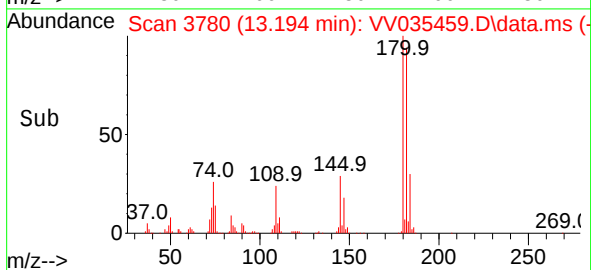
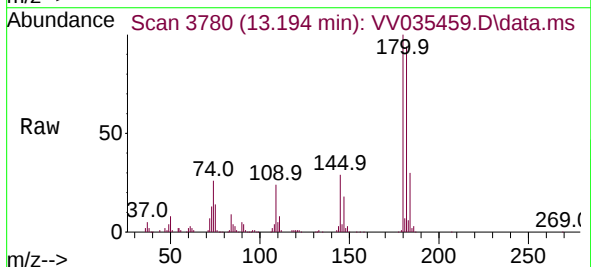
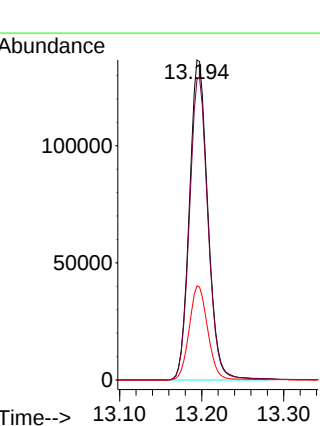
Tgt Ion:180 Resp: 213559

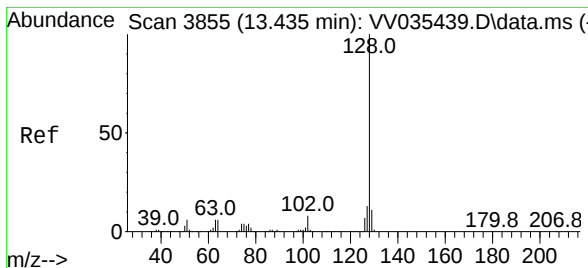
Ion Ratio Lower Upper

180 100

182 94.2 75.1 112.7

145 29.3 23.2 34.8





#71

Naphthalene

Concen: 65.430 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Instrument :

MSVOA_V

ClientSampleId :

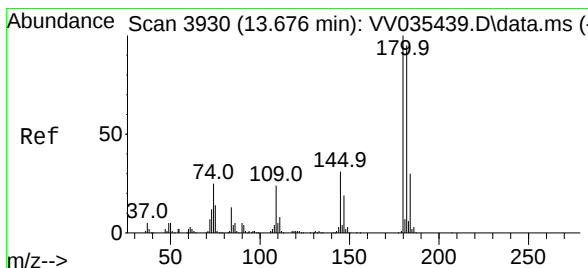
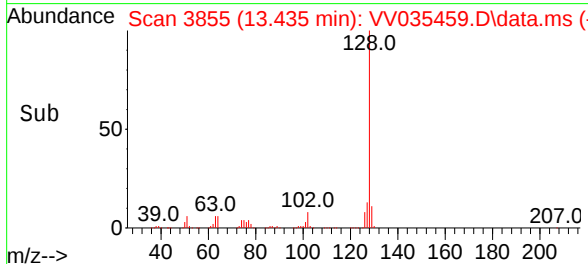
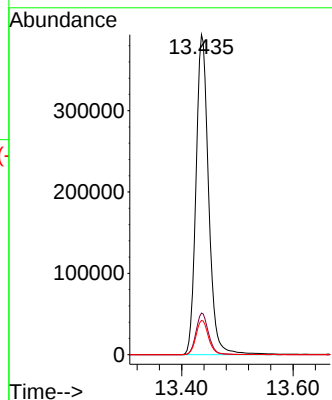
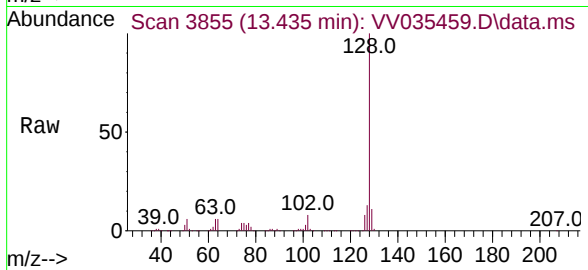
Tgt Ion:128 Resp: 618845

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 54.234 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035459.D

Acq: 29 Apr 2024 09:48

Tgt Ion:180 Resp: 229110

Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 30.7 24.7 37.1

