

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035200.D
 Acq On : 15 Apr 2024 15:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:26:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	212738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	208120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	105141	5.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.529	69	80831	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.053	65	42819	5.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	3.818	46	143222	42.508	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.020%
24) Chloroform-d	4.243	84	157311	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	4.941	65	74456	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.957	84	309400	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.986	67	95078	5.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.239	98	286961	5.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.555	79	36342	5.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	8.027	63	154141	56.396	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	73906	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	96755	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107059	5.316	ug/L	100
3) Chloromethane	1.211	50	124946	5.320	ug/L	99
5) Vinyl chloride	1.278	62	124212	5.391	ug/L	100
6) Bromomethane	1.484	94	68428	5.182	ug/L	100
8) Chloroethane	1.545	64	73971	5.214	ug/L	99
9) Trichlorofluoromethane	1.709	101	147124	5.359	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	87399	5.185	ug/L	99
12) 1,1-Dichloroethene	2.066	96	84451	5.229	ug/L	88
13) Acetone	2.150	43	100547	44.285	ug/L	80
14) Carbon disulfide	2.233	76	269489	5.290	ug/L	98
15) Methyl Acetate	2.388	43	27288	4.563	ug/L	99
16) Methylene chloride	2.442	84	116131	5.709	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	195233	5.356	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	85280	5.168	ug/L	99
19) 1,1-Dichloroethane	3.108	63	171451	5.166	ug/L	99
21) 2-Butanone	3.905	43	133760	35.993	ug/L #	65
22) cis-1,2-Dichloroethene	3.812	96	89105	5.252	ug/L	98
23) Bromochloromethane	4.146	128	37935	4.944	ug/L	94
25) Chloroform	4.272	83	165433	5.126	ug/L	99

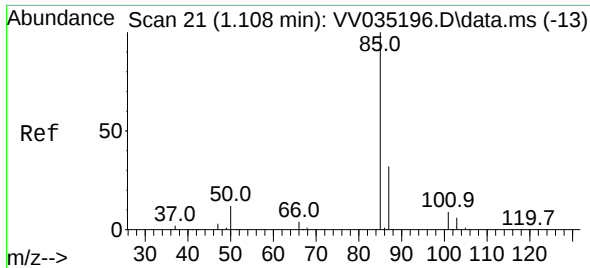
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	98828	5.222	ug/L	99
29) 1,1,1-Trichloroethane	4.506	97	136533	5.213	ug/L	99
30) Cyclohexane	4.577	56	140980	5.650	ug/L	97
31) Carbon tetrachloride	4.728	117	117734	5.268	ug/L	100
33) Benzene	5.005	78	352472	5.388	ug/L	100
34) Trichloroethene	5.831	95	91509	5.318	ug/L	97
35) Methylcyclohexane	6.047	83	143903	5.552	ug/L	99
37) 1,2-Dichloropropane	6.092	63	94916	5.486	ug/L	100
38) Bromodichloromethane	6.429	83	113324	5.380	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	127885	5.561	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	512770	56.257	ug/L	99
42) Toluene	7.313	91	370556	5.461	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	106367	5.721	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	65295	5.439	ug/L	98
47) Tetrachloroethene	7.902	164	69628	5.101	ug/L	97
48) 2-Hexanone	8.075	43	373555	55.400	ug/L	98
49) Dibromochloromethane	8.175	129	65788	5.306	ug/L	99
50) 1,2-Dibromoethane	8.281	107	59824	5.307	ug/L	96
51) Chlorobenzene	8.812	112	231864	5.280	ug/L	99
52) Ethylbenzene	8.944	91	389985	5.364	ug/L	100
53) m,p-Xylene	9.072	106	149181	5.570	ug/L	100
54) o-Xylene	9.474	106	138572	5.361	ug/L	97
55) Styrene	9.493	104	244825	5.629	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	78277	5.321	ug/L	99
59) Bromoform	9.664	173	34180	5.405	ug/L	100
60) Isopropylbenzene	9.863	105	380247	5.576	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	56351	5.287	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	304650	5.532	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	308013	5.661	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	185817	5.414	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	183902	5.130	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	171184	5.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	11153	5.301	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	138817	5.329	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	116809	5.376	ug/L	99
71) Naphthalene	13.439	128	177705	5.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	107558	5.576	ug/L	98

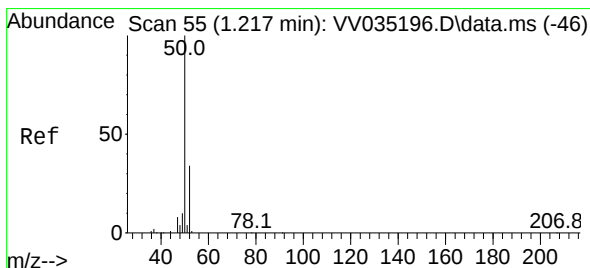
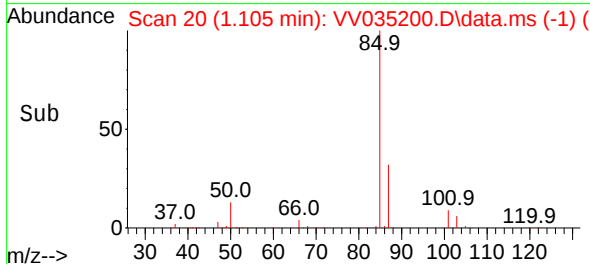
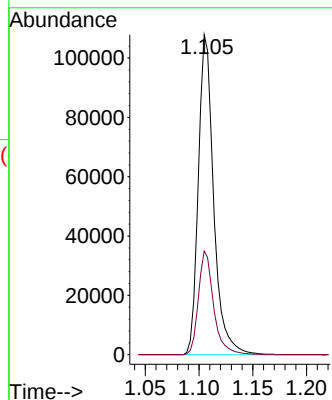
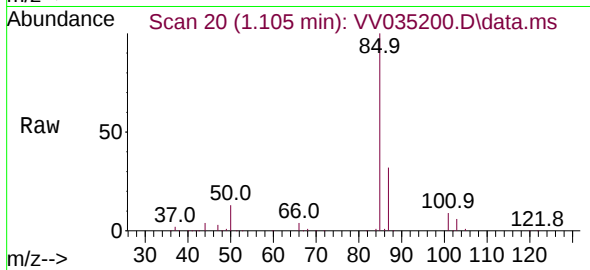
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.316 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

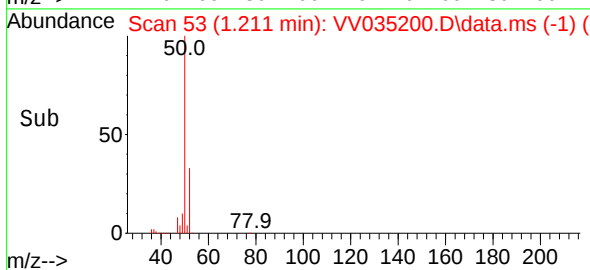
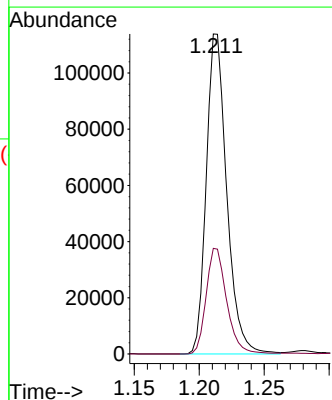
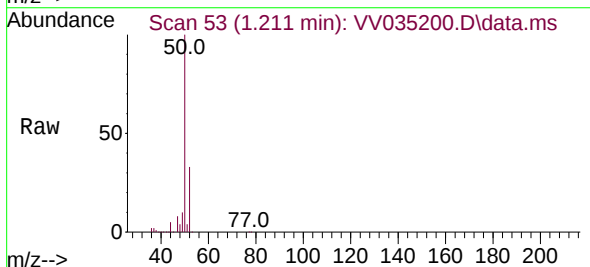
Instrument :
MSVOA_V
ClientSampleId :

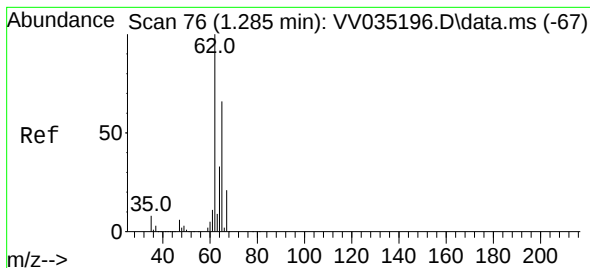
Tgt Ion: 85 Resp: 107059
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 5.320 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion: 50 Resp: 124946
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9





#5

Vinyl chloride

Concen: 5.391 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.006 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

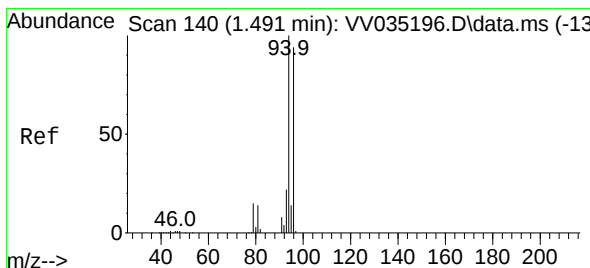
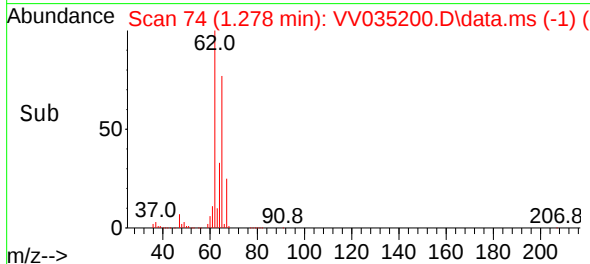
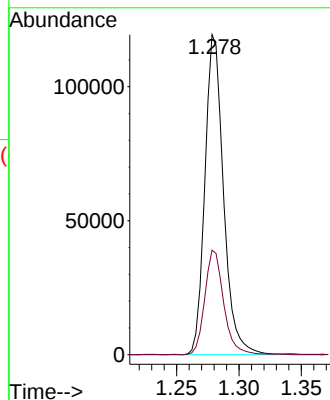
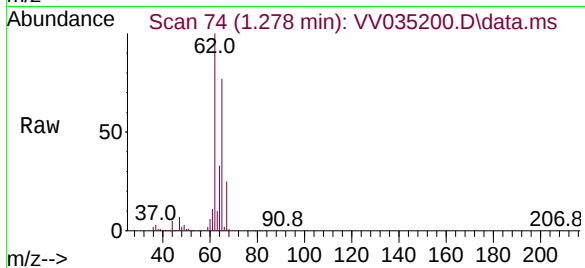
ClientSampleId :

Tgt Ion: 62 Resp: 124212

Ion Ratio Lower Upper

62 100

64 32.7 22.8 42.4



#6

Bromomethane

Concen: 5.182 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.006 min

Lab File: VV035200.D

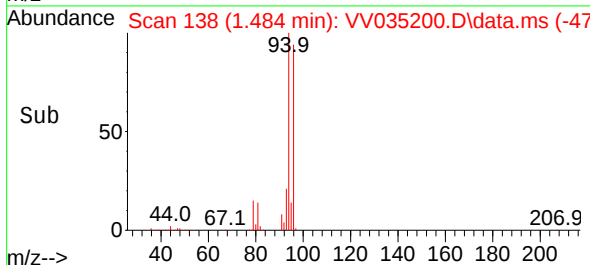
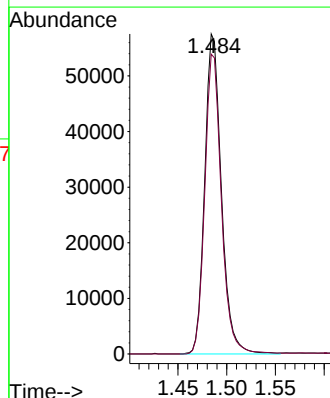
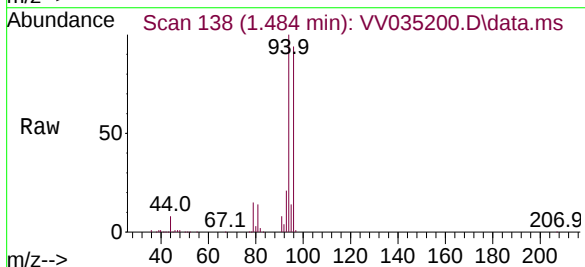
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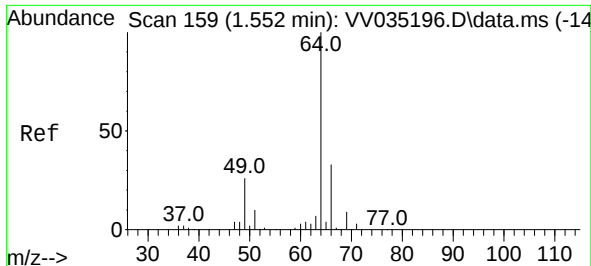
Tgt Ion: 94 Resp: 68428

Ion Ratio Lower Upper

94 100

96 93.7 65.7 122.1

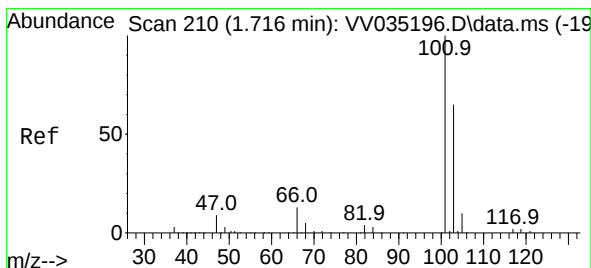
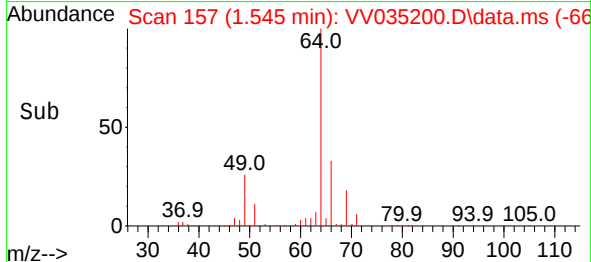
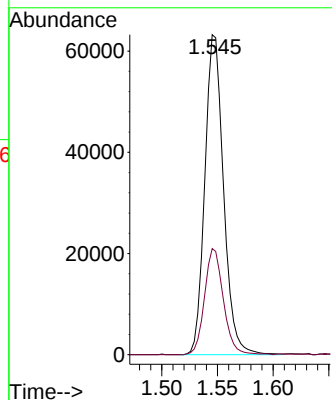
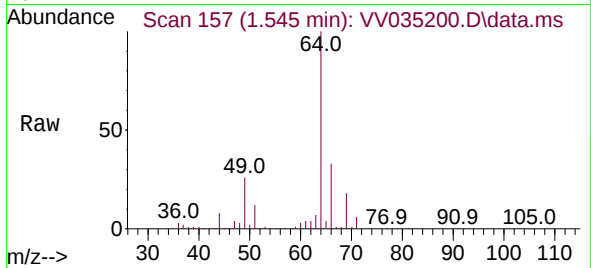




#8
Chloroethane
Concen: 5.214 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

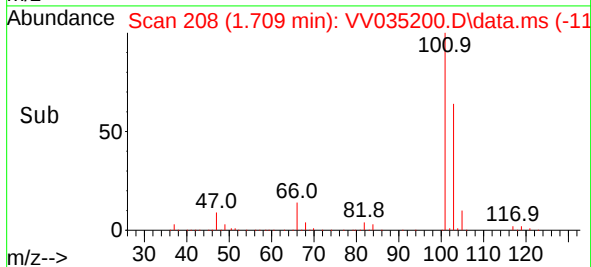
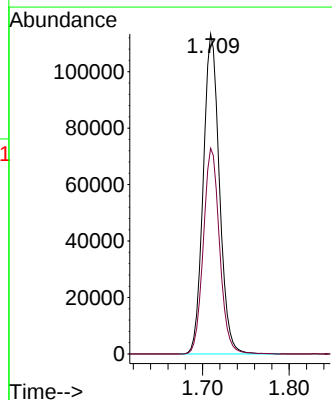
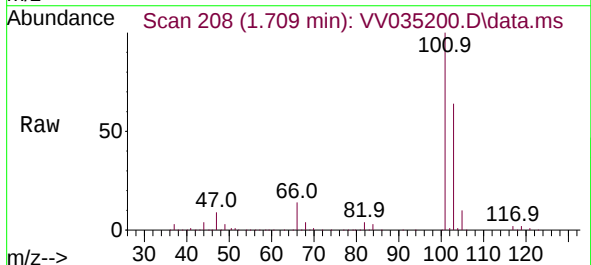
Instrument :
MSVOA_V
ClientSampleId :

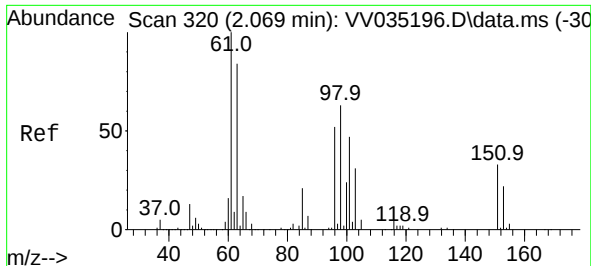
Tgt Ion: 64 Resp: 73971
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.359 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion:101 Resp: 147124
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2





#10

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

Concen: 5.185 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

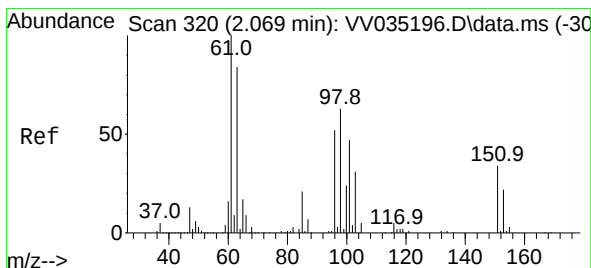
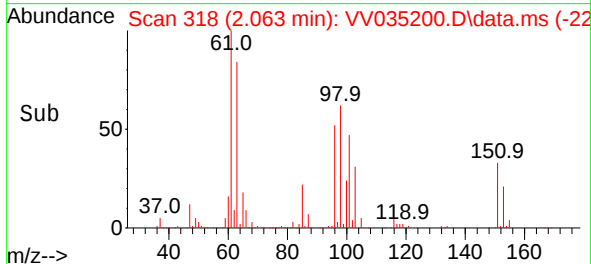
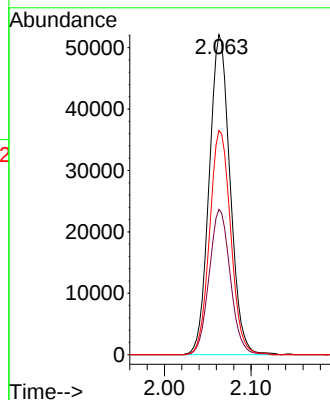
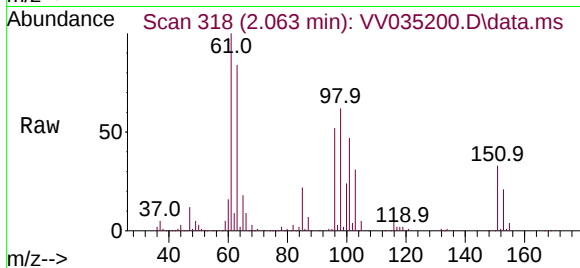
Tgt Ion:101 Resp: 87399

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.6

151 70.6 56.2 84.2



#12

1,1-Dichloroethene

Concen: 5.229 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

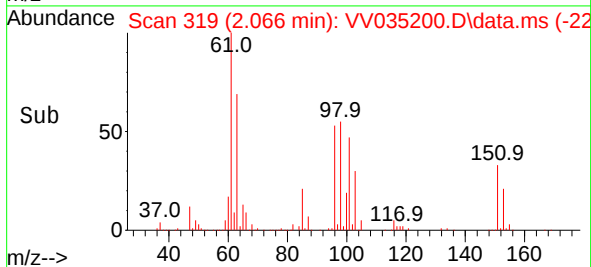
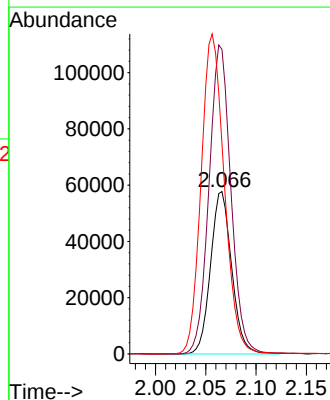
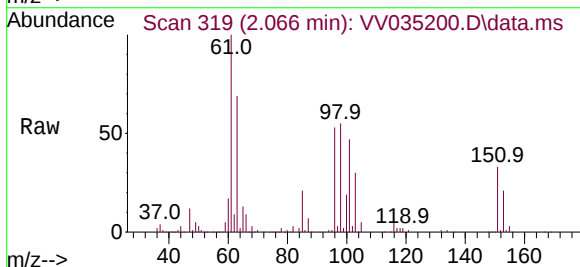
Tgt Ion: 96 Resp: 84451

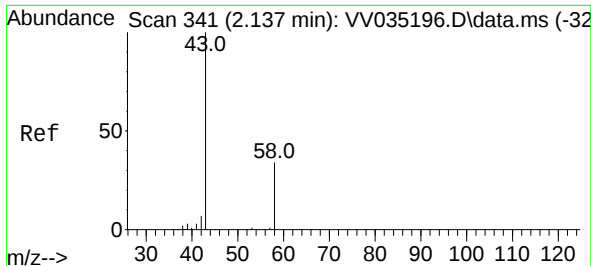
Ion Ratio Lower Upper

96 100

61 187.6 133.5 247.9

63 129.5 112.5 208.9





#13

Acetone

Concen: 44.285 ug/L

RT: 2.150 min Scan# 341

Delta R.T. 0.013 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

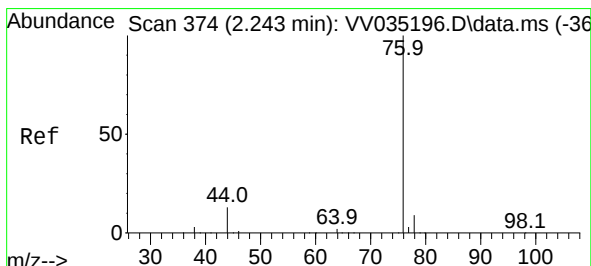
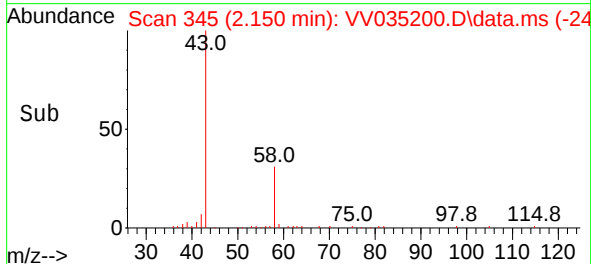
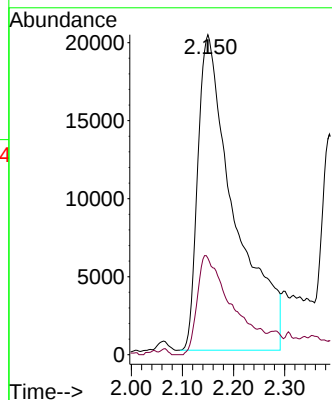
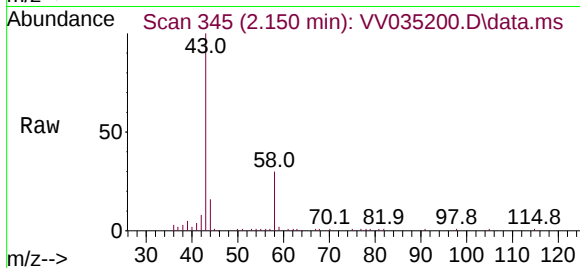
ClientSampleId :

Tgt Ion: 43 Resp: 100547

Ion Ratio Lower Upper

43 100

58 28.8 0.0 39.2



#14

Carbon disulfide

Concen: 5.290 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.010 min

Lab File: VV035200.D

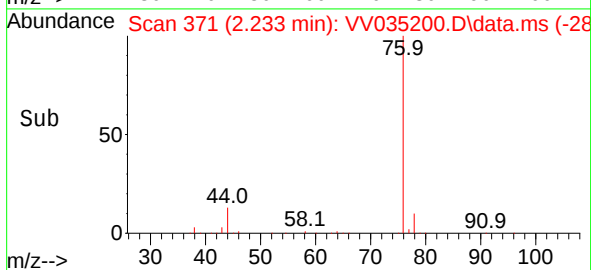
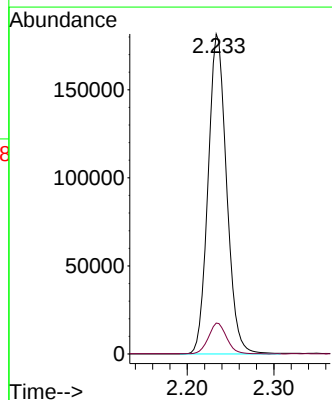
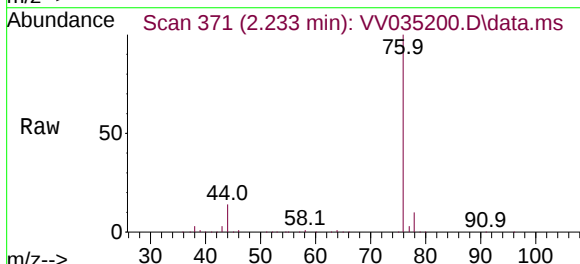
Acq: 15 Apr 2024 15:15

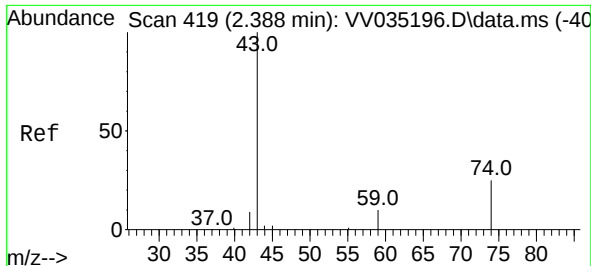
Tgt Ion: 76 Resp: 269489

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8





#15

Methyl Acetate

Concen: 4.563 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

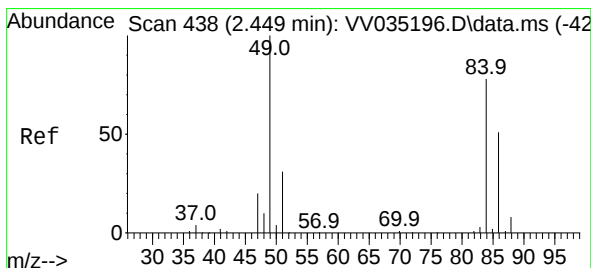
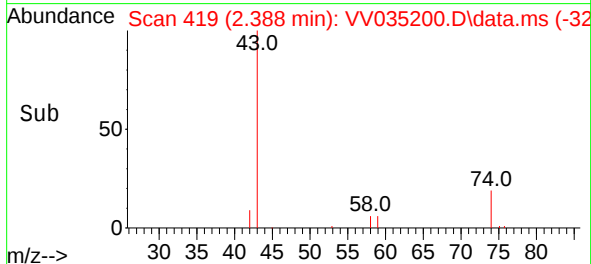
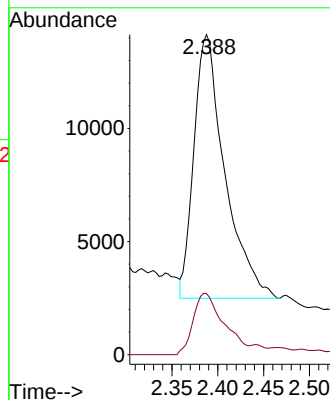
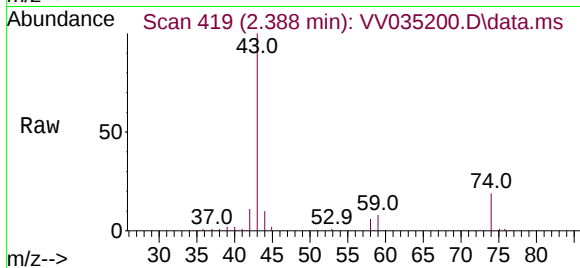
ClientSampleId :

Tgt Ion: 43 Resp: 27288

Ion Ratio Lower Upper

43 100

74 23.2 18.3 27.5



#16

Methylene chloride

Concen: 5.709 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.006 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

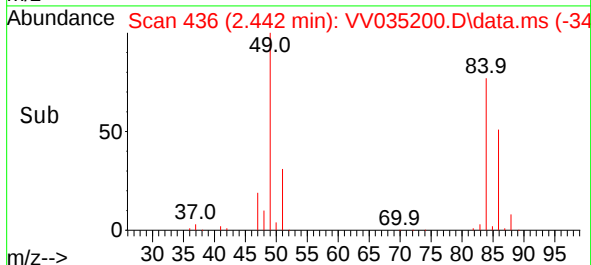
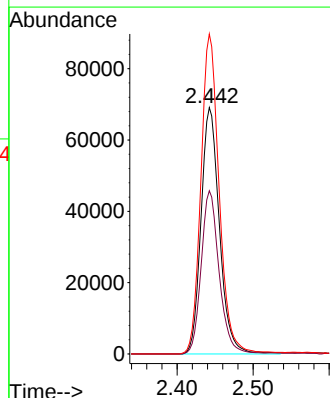
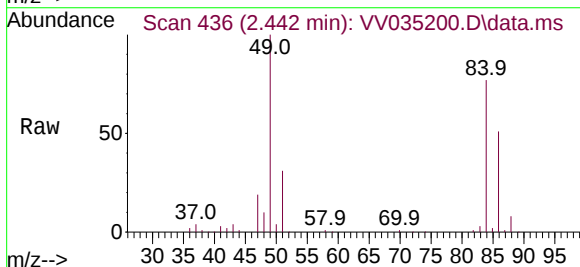
Tgt Ion: 84 Resp: 116131

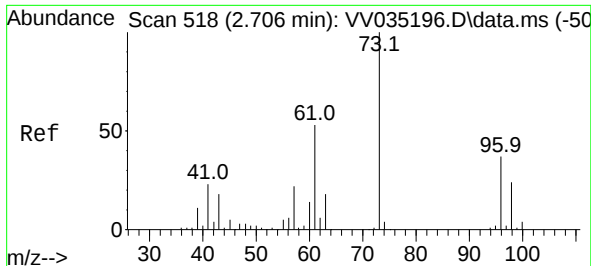
Ion Ratio Lower Upper

84 100

86 66.3 45.6 84.6

49 129.9 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 5.356 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

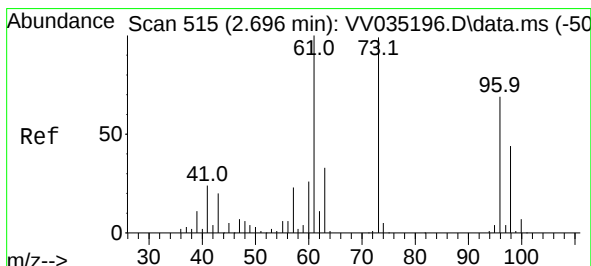
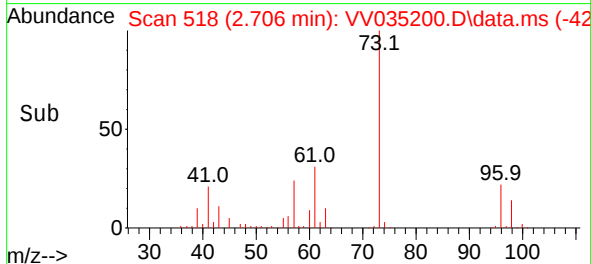
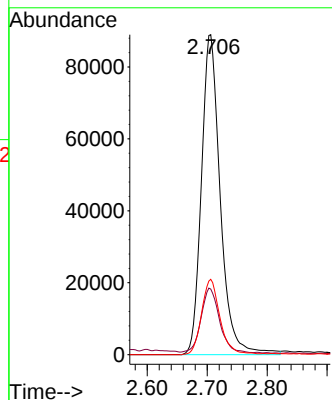
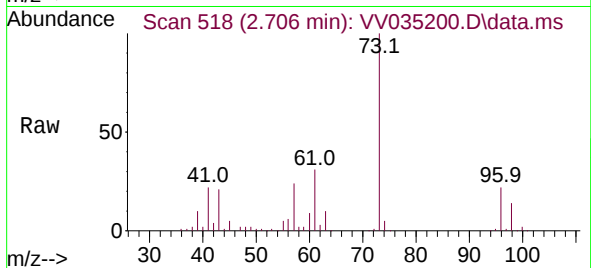
Tgt Ion: 73 Resp: 195233

Ion Ratio Lower Upper

73 100

43 19.5 15.7 23.5

57 23.0 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.168 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.006 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

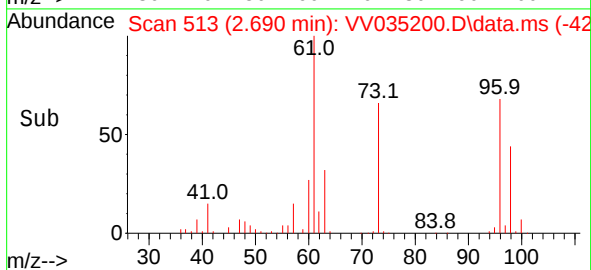
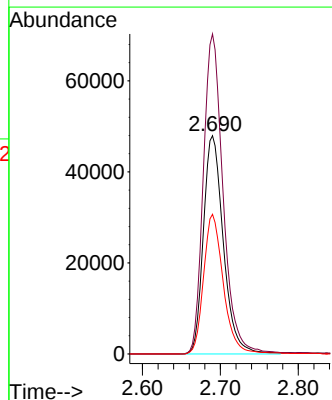
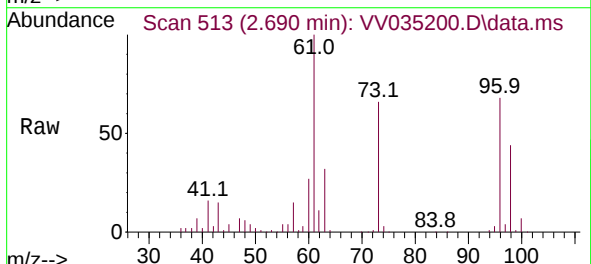
Tgt Ion: 96 Resp: 85280

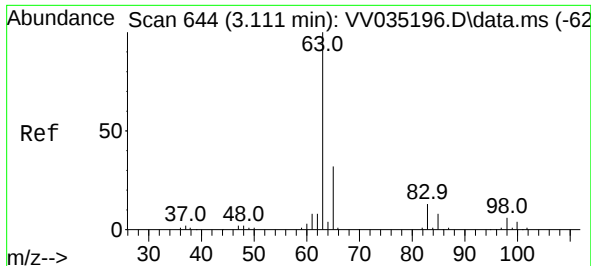
Ion Ratio Lower Upper

96 100

61 146.7 101.8 189.2

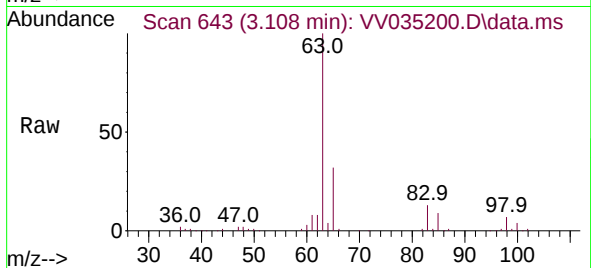
98 64.0 44.7 82.9



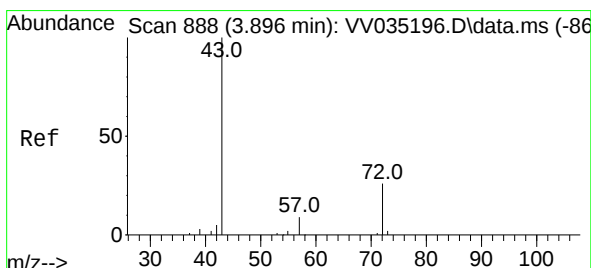
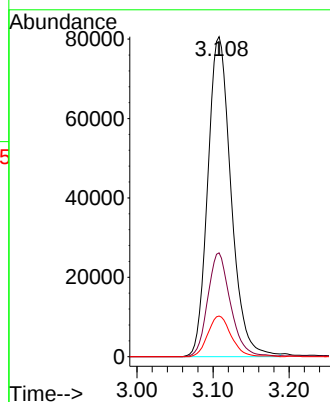
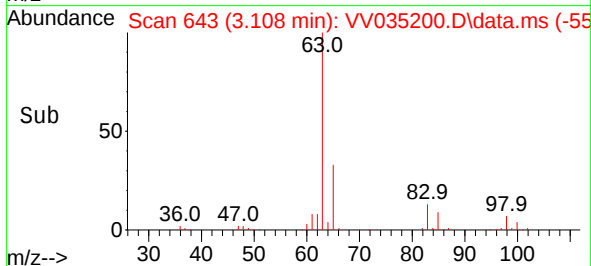


#19
1,1-Dichloroethane
Concen: 5.166 ug/L
RT: 3.108 min Scan# 644
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Instrument :
MSVOA_V
ClientSampleId :

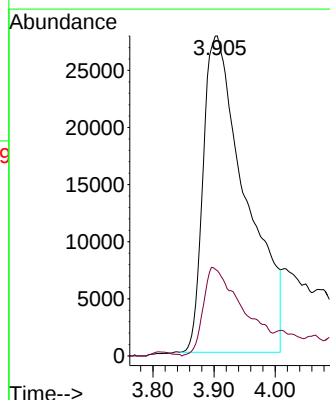
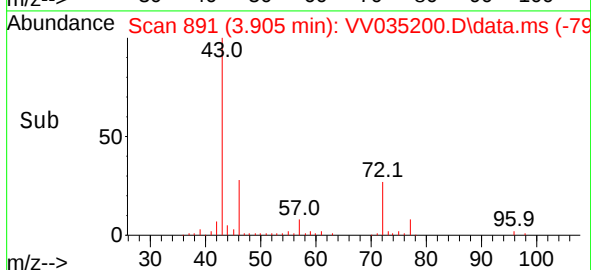
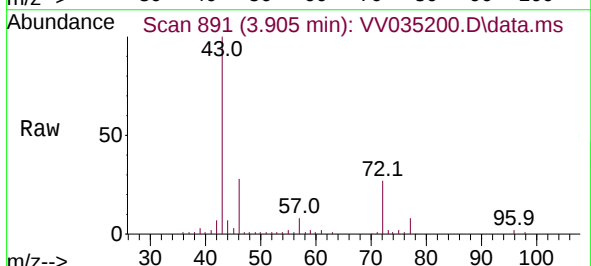


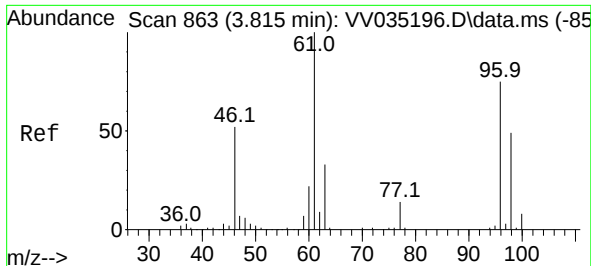
Tgt Ion: 63 Resp: 171451
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 12.7 9.4 17.4



#21
2-Butanone
Concen: 35.993 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

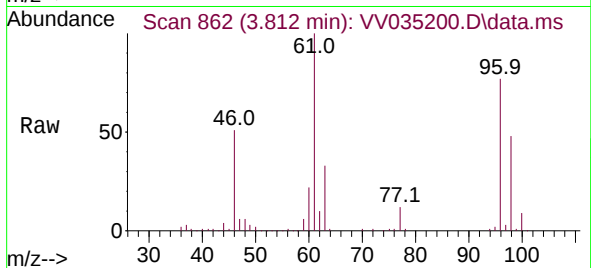
Tgt Ion: 43 Resp: 133760
Ion Ratio Lower Upper
43 100
72 26.4 6.3 18.8#





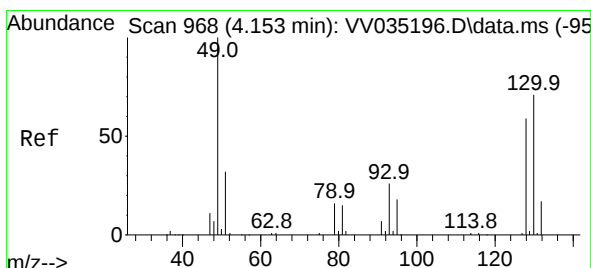
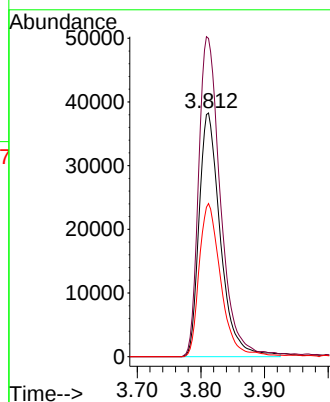
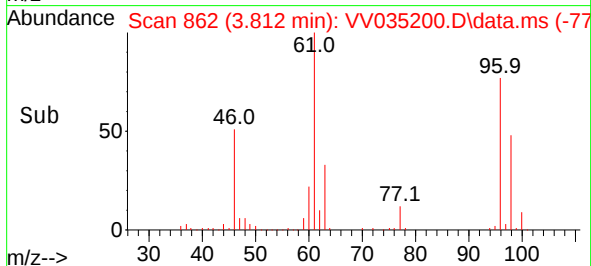
#22
 cis-1,2-Dichloroethene
 Concen: 5.252 ug/L
 RT: 3.812 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV035200.D
 Acq: 15 Apr 2024 15:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 89105

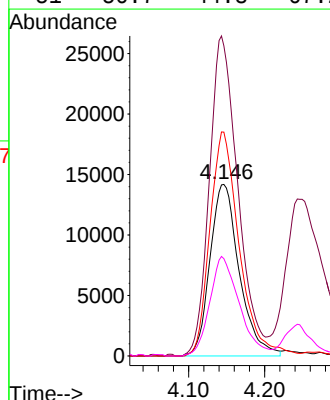
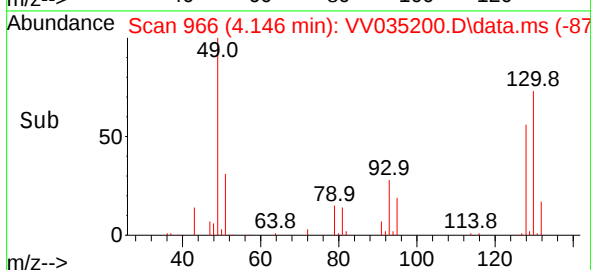
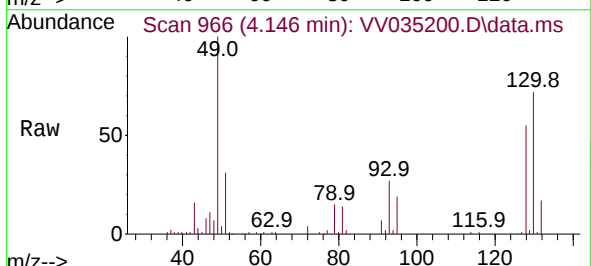
Ion	Ratio	Lower	Upper
96	100		
61	130.6	92.8	172.4
98	62.8	45.5	84.5

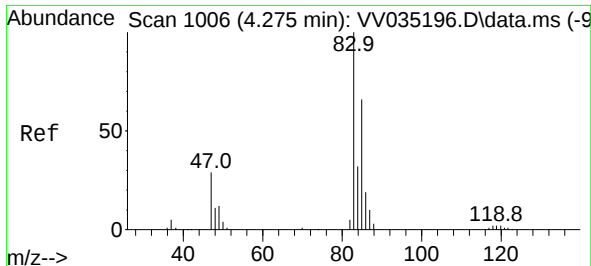


#23
 Bromochloromethane
 Concen: 4.944 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VV035200.D
 Acq: 15 Apr 2024 15:15

Tgt Ion: 128 Resp: 37935

Ion	Ratio	Lower	Upper
128	100		
49	180.8	119.8	222.4
130	130.4	85.2	158.2
51	56.7	44.8	67.2





#25

Chloroform

Concen: 5.126 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

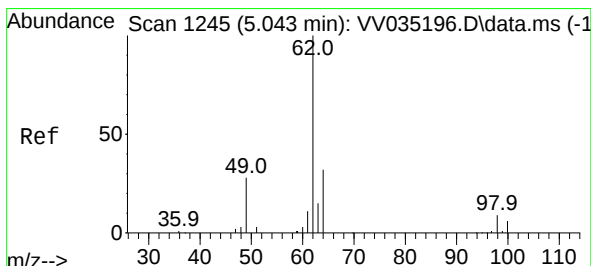
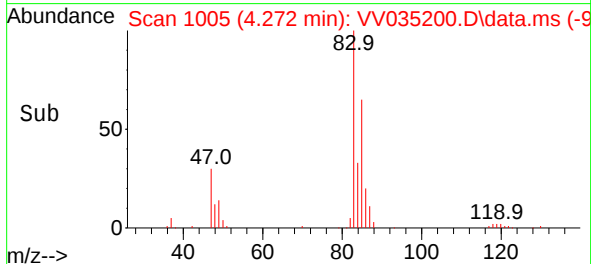
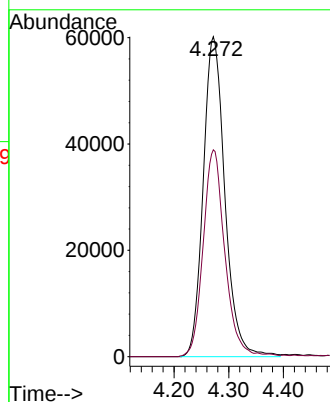
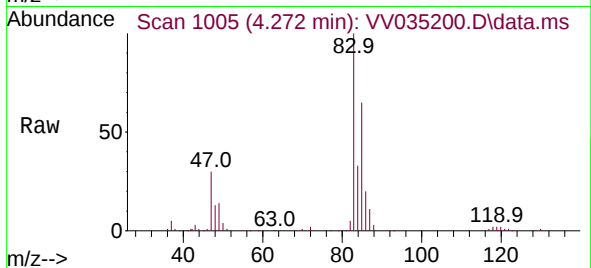
ClientSampleId :

Tgt Ion: 83 Resp: 165433

Ion Ratio Lower Upper

83 100

85 64.6 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.222 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV035200.D

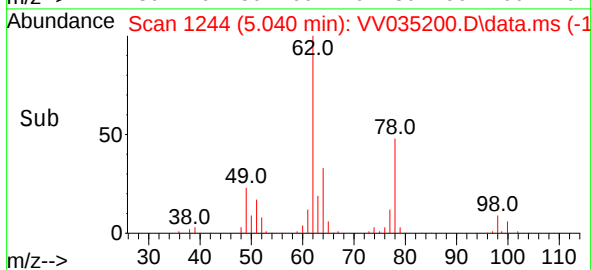
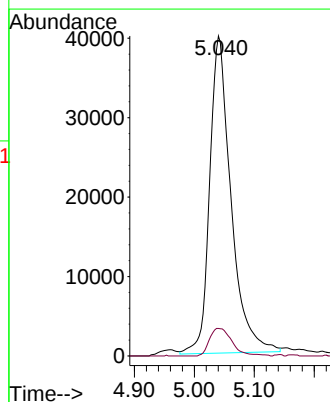
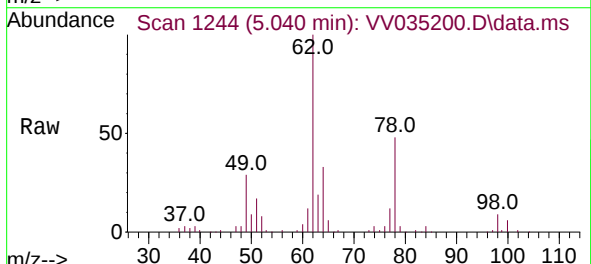
Acq: 15 Apr 2024 15:15

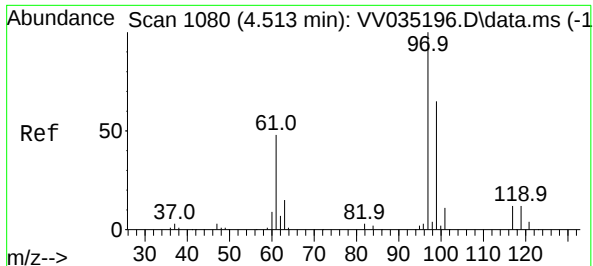
Tgt Ion: 62 Resp: 98828

Ion Ratio Lower Upper

62 100

98 8.6 7.3 10.9

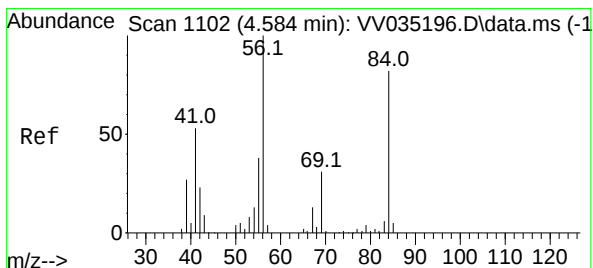
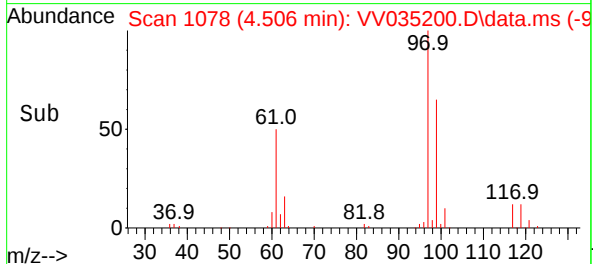
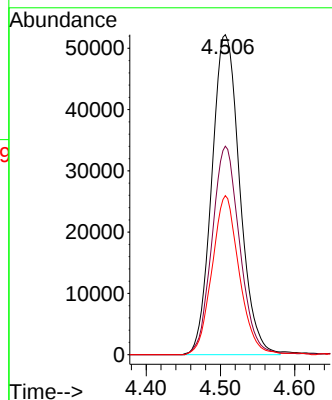
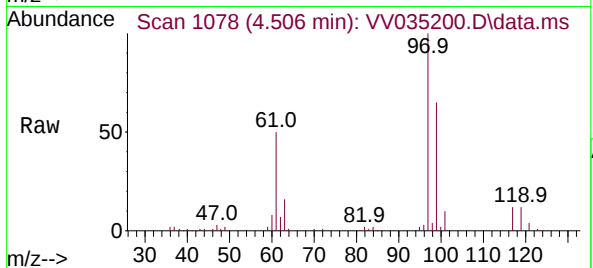




#29
1,1,1-Trichloroethane
Concen: 5.213 ug/L
RT: 4.506 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

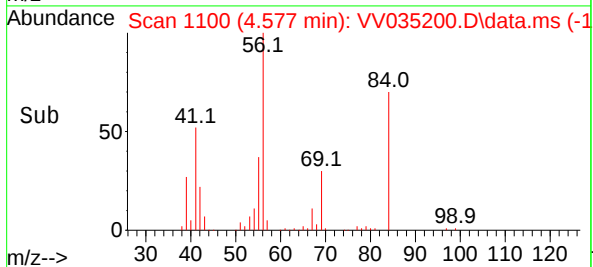
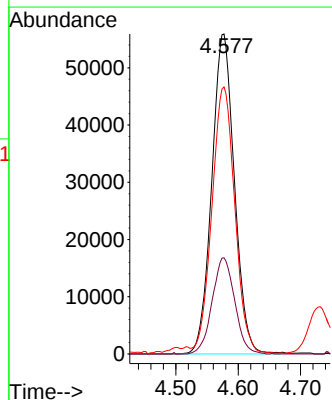
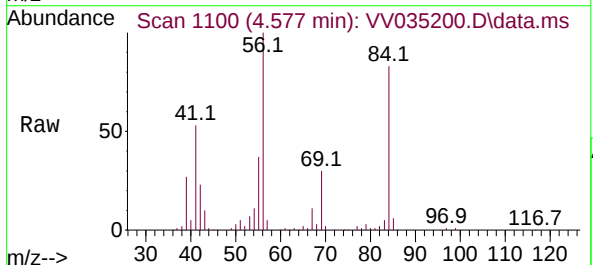
Instrument :
MSVOA_V
ClientSampleId :

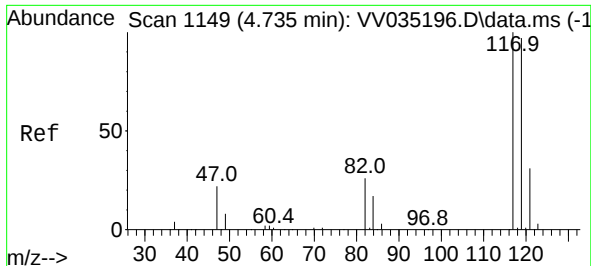
Tgt Ion: 97 Resp: 136533
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 48.3 38.3 57.5



#30
Cyclohexane
Concen: 5.650 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

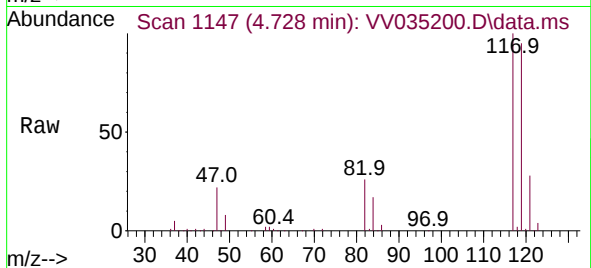
Tgt Ion: 56 Resp: 140980
Ion Ratio Lower Upper
56 100
69 29.9 24.8 37.2
84 84.3 69.4 104.2



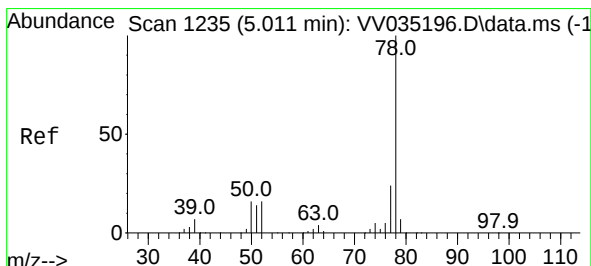
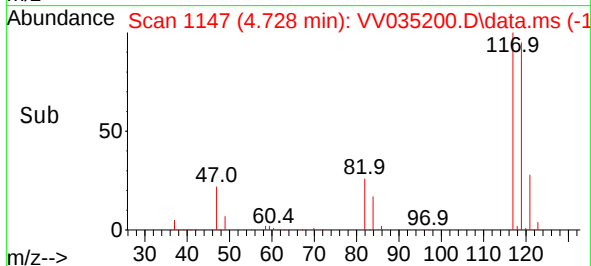
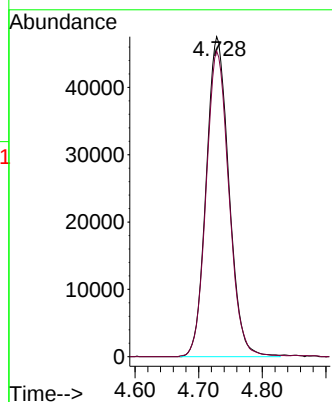


#31
Carbon tetrachloride
Concen: 5.268 ug/L
RT: 4.728 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Instrument :
MSVOA_V
ClientSampleId :

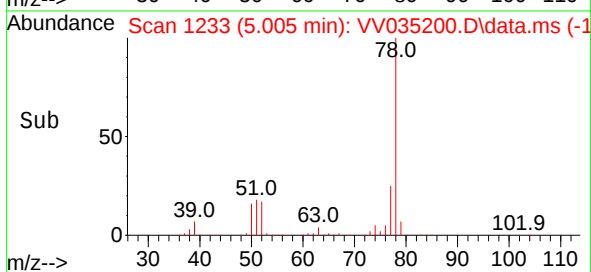
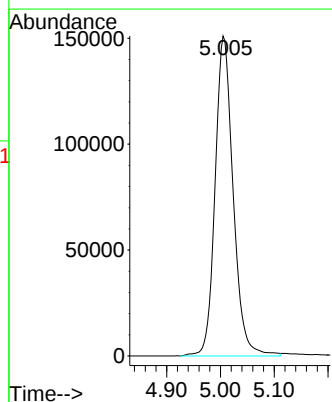
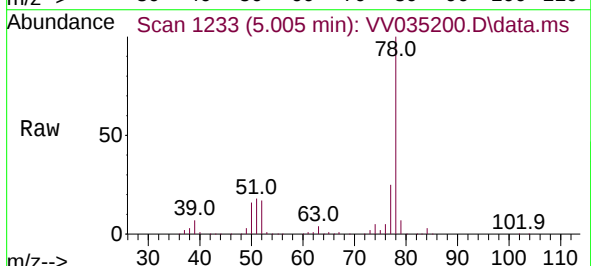


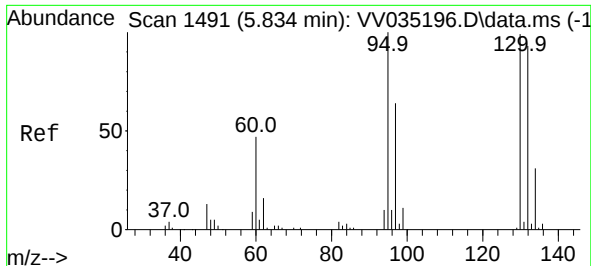
Tgt Ion:117 Resp: 117734
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 5.388 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion: 78 Resp: 352472

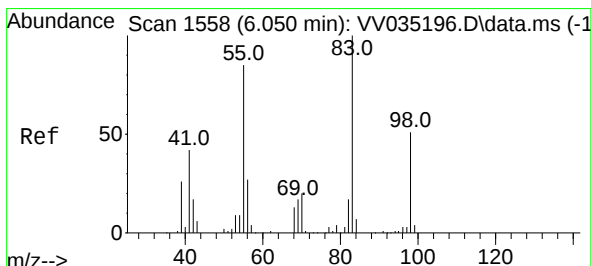
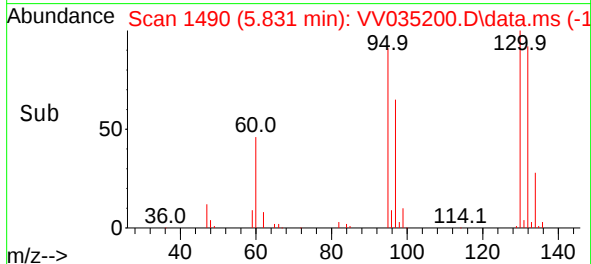
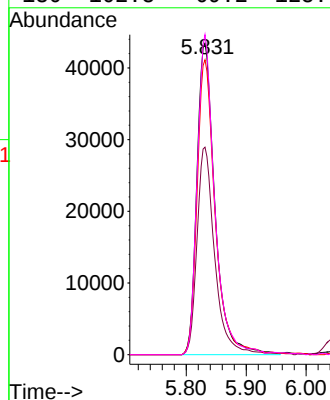
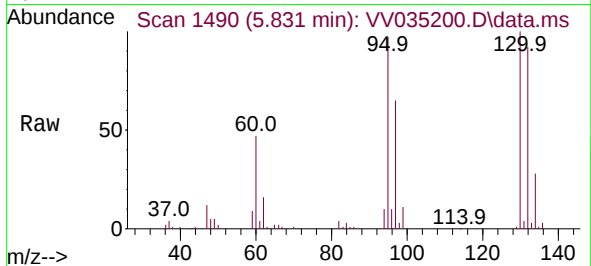




#34
Trichloroethene
Concen: 5.318 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

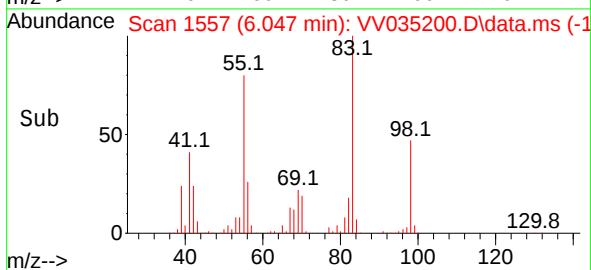
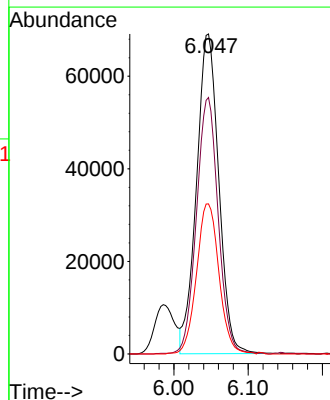
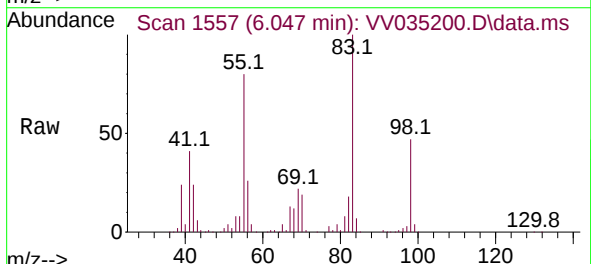
Instrument :
MSVOA_V
ClientSampleId :

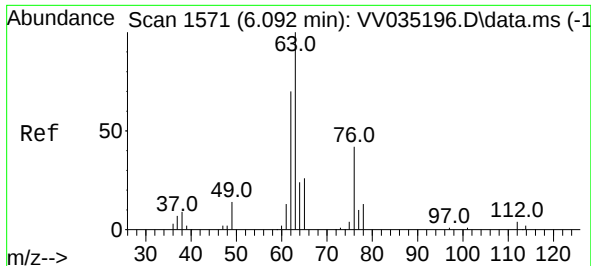
Tgt Ion: 95 Resp: 91509
Ion Ratio Lower Upper
95 100
97 66.6 44.7 82.9
132 94.7 64.8 120.3
130 102.8 69.2 128.4



#35
Methylcyclohexane
Concen: 5.552 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion: 83 Resp: 143903
Ion Ratio Lower Upper
83 100
55 78.6 63.8 95.6
98 47.4 37.4 56.2





#37

1,2-Dichloropropane

Concen: 5.486 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

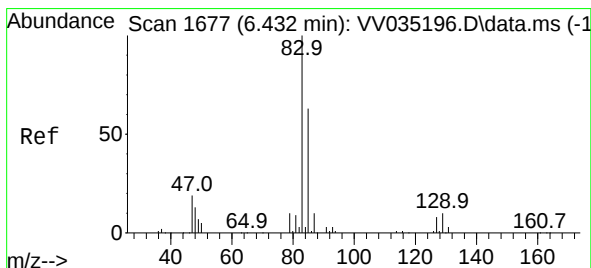
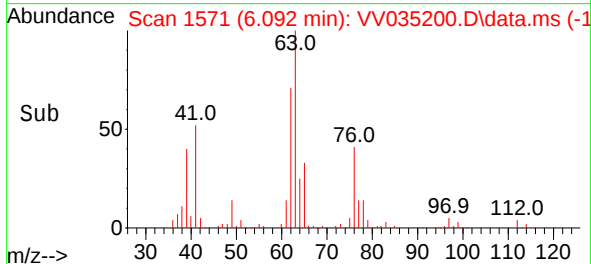
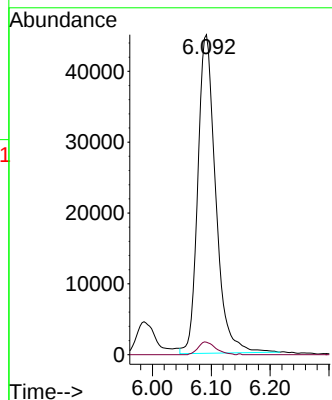
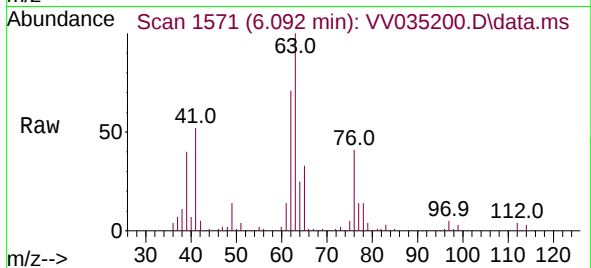
ClientSampleId :

Tgt Ion: 63 Resp: 94916

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.380 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

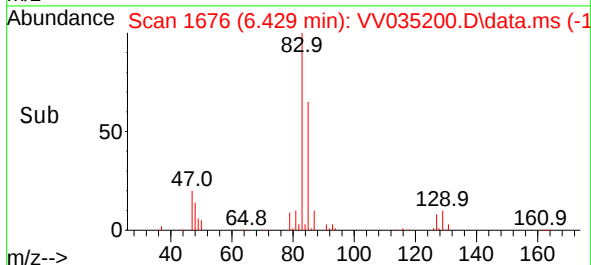
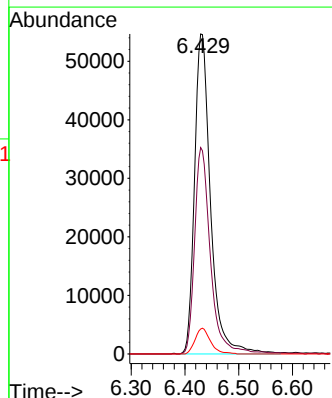
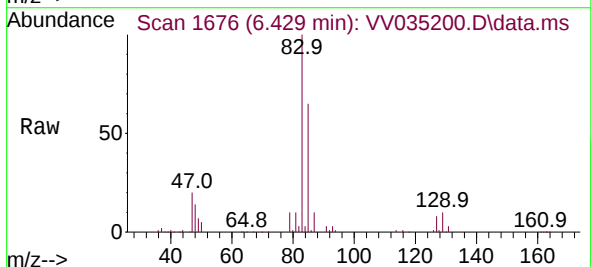
Tgt Ion: 83 Resp: 113324

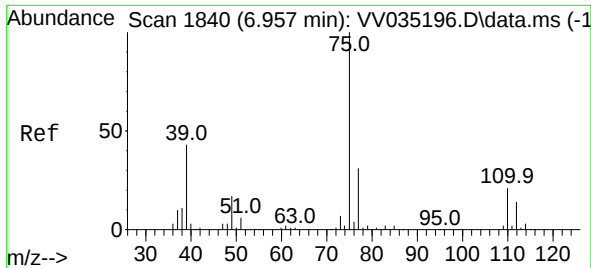
Ion Ratio Lower Upper

83 100

85 64.5 43.8 81.4

127 7.8 6.3 9.5

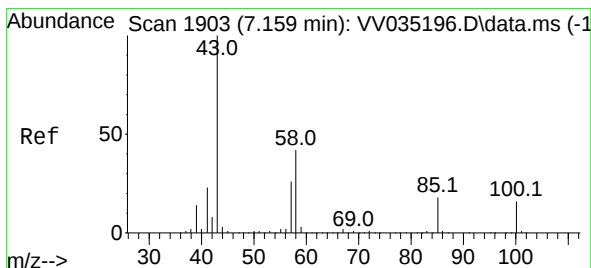
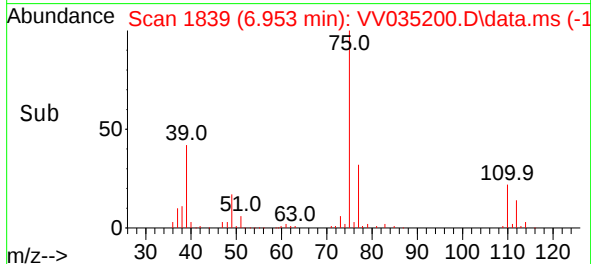
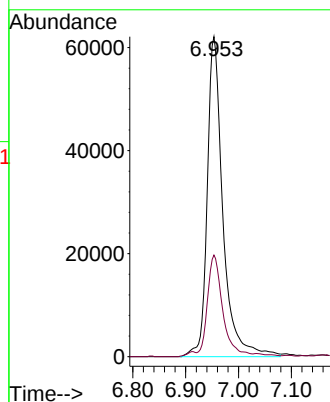
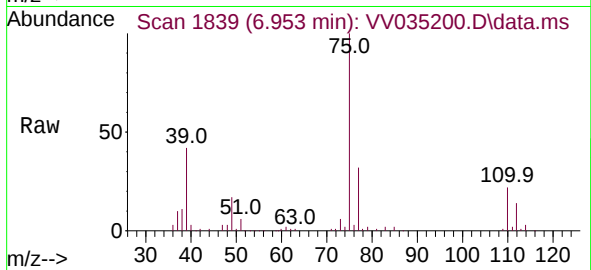




#39
 cis-1,3-Dichloropropene
 Concen: 5.561 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV035200.D
 Acq: 15 Apr 2024 15:15

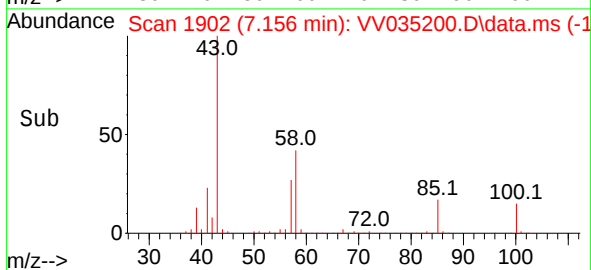
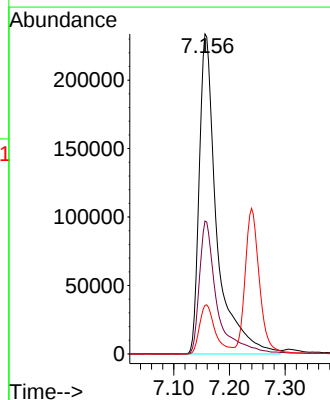
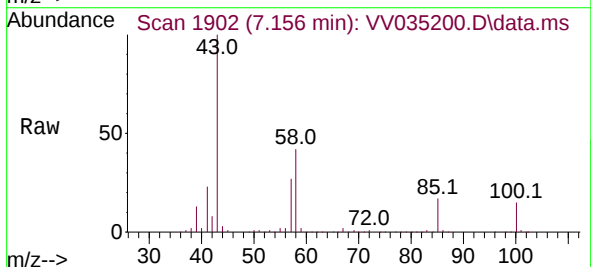
Instrument :
 MSVOA_V
 ClientSampleId :

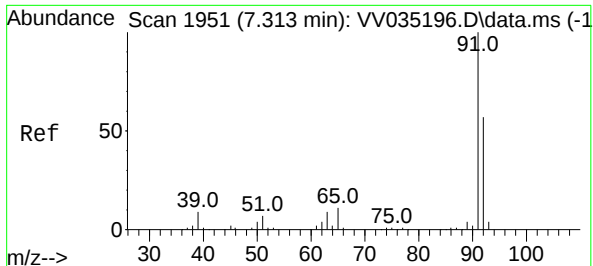
Tgt Ion: 75 Resp: 127885
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 56.257 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV035200.D
 Acq: 15 Apr 2024 15:15

Tgt Ion: 43 Resp: 512770
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.4 50.0
 100 14.0 10.6 15.8





#42

Toluene

Concen: 5.461 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

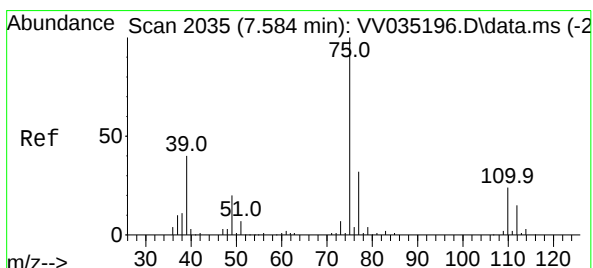
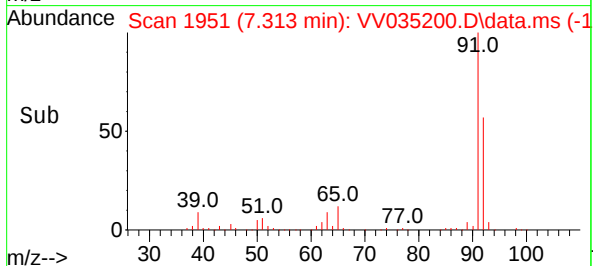
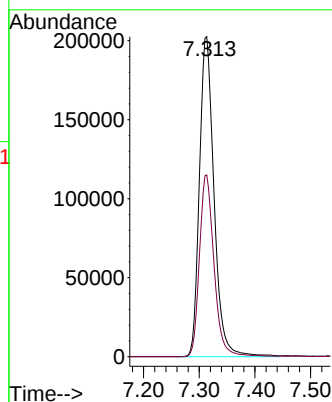
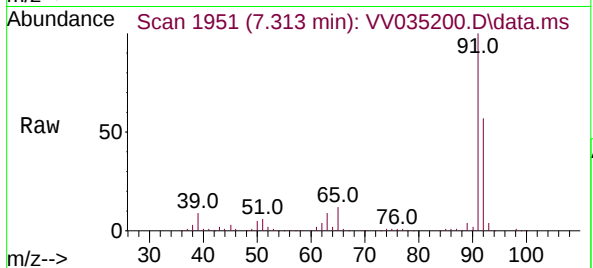
ClientSampleId :

Tgt Ion: 91 Resp: 370556

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.721 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV035200.D

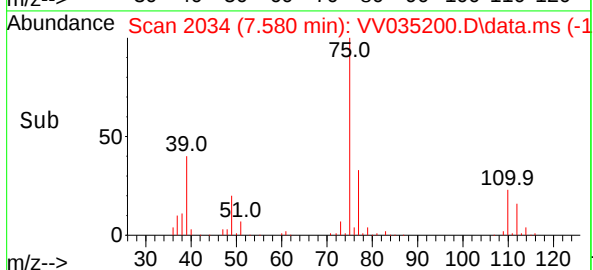
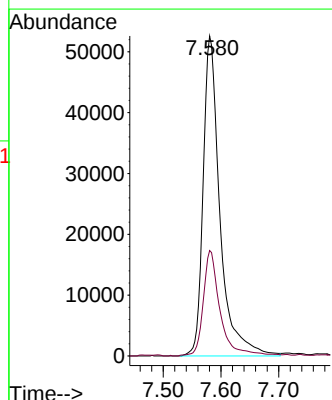
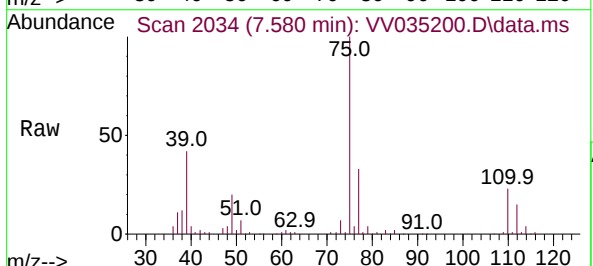
Acq: 15 Apr 2024 15:15

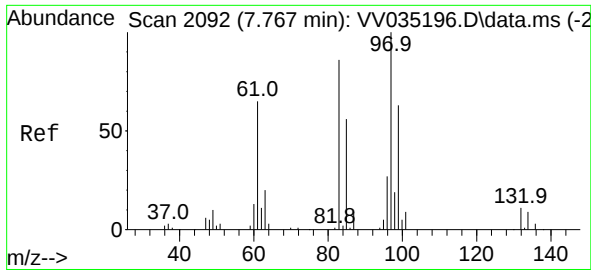
Tgt Ion: 75 Resp: 106367

Ion Ratio Lower Upper

75 100

77 33.0 22.3 41.3

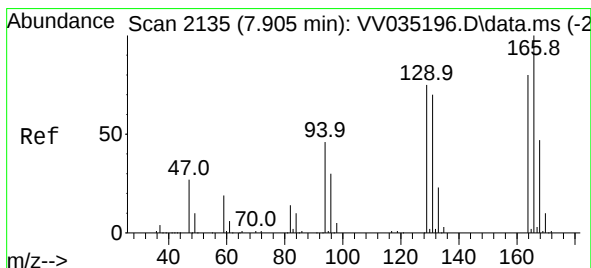
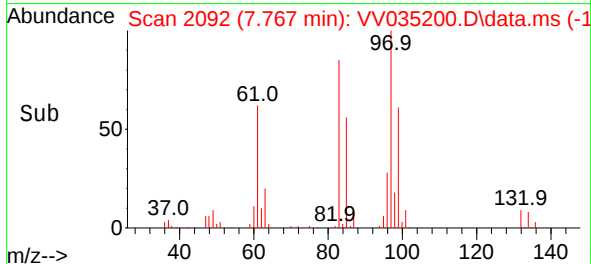
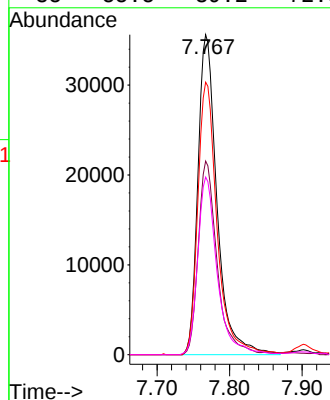
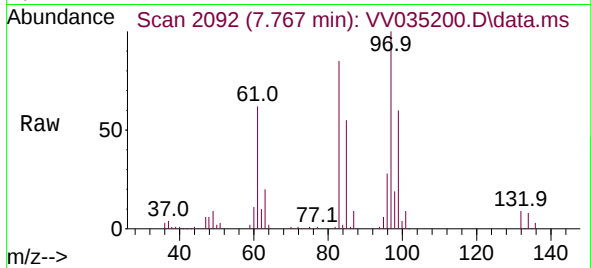




#45
1,1,2-Trichloroethane
Concen: 5.439 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

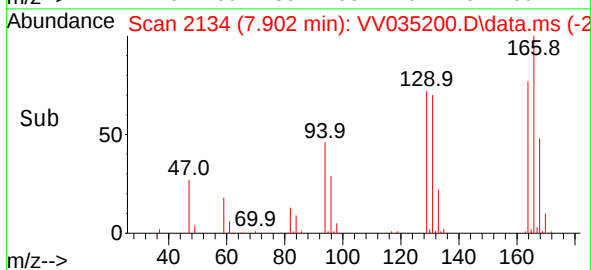
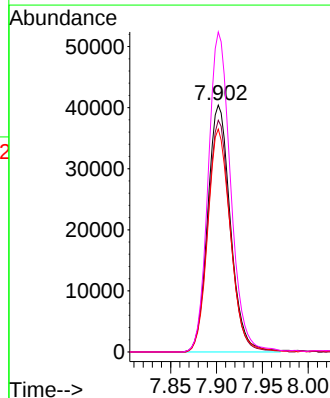
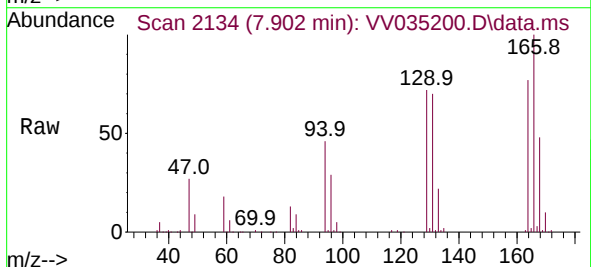
Instrument :
MSVOA_V
ClientSampleId :

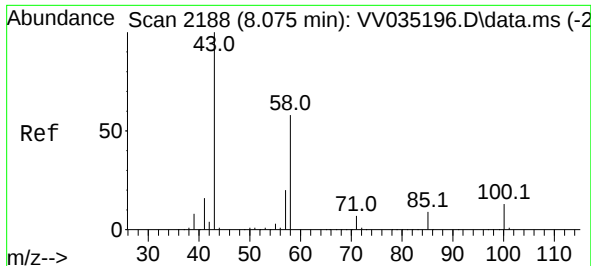
Tgt Ion:	97	Resp:	65295
Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.2	82.2
83	85.2	60.2	111.8
85	55.5	39.2	72.8



#47
Tetrachloroethene
Concen: 5.101 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion:	164	Resp:	69628
Ion	Ratio	Lower	Upper
164	100		
129	93.9	65.3	121.3
131	90.3	60.9	113.1
166	129.6	87.4	162.4





#48

2-Hexanone

Concen: 55.400 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 373555

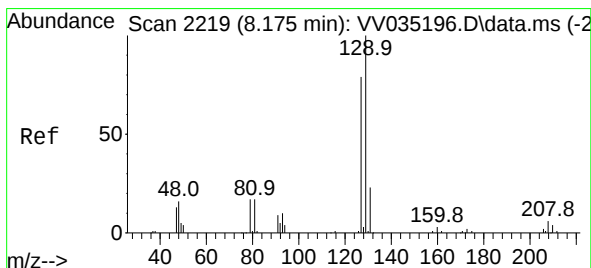
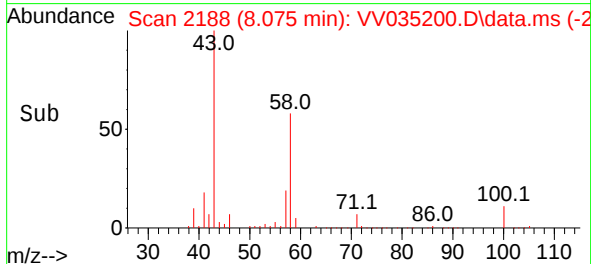
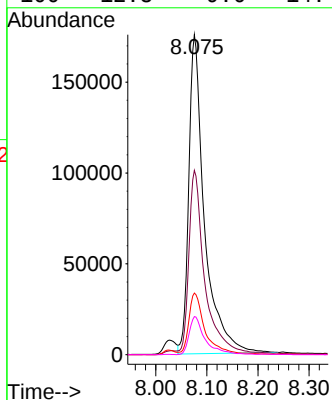
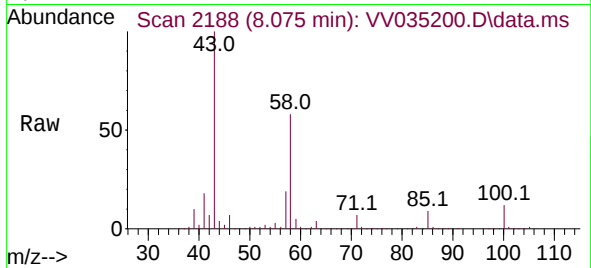
Ion Ratio Lower Upper

43 100

58 57.9 45.2 67.8

57 20.1 15.5 23.3

100 12.3 9.6 14.4



#49

Dibromochloromethane

Concen: 5.306 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035200.D

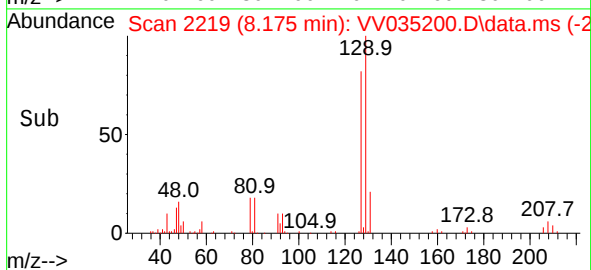
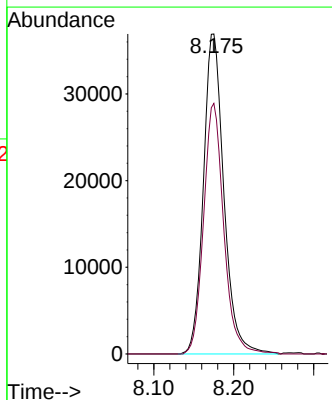
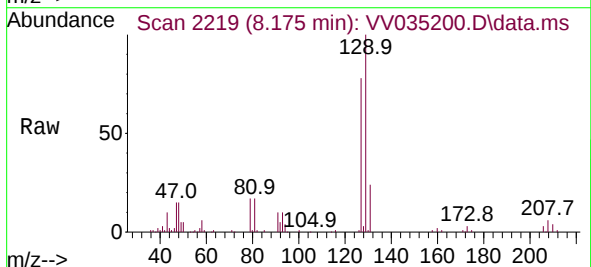
Acq: 15 Apr 2024 15:15

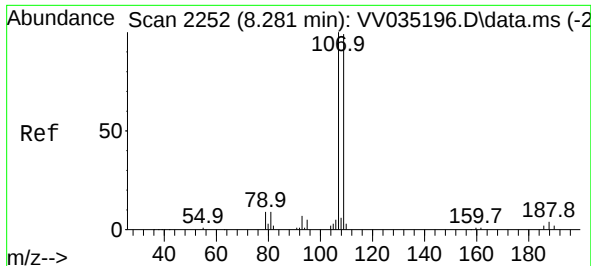
Tgt Ion:129 Resp: 65788

Ion Ratio Lower Upper

129 100

127 78.3 55.2 102.6

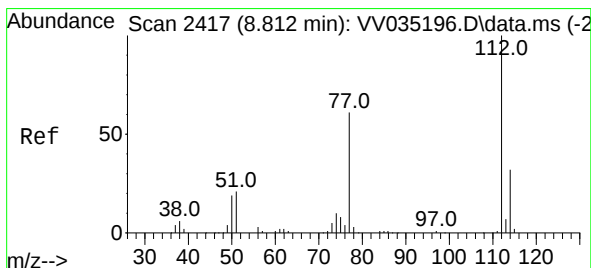
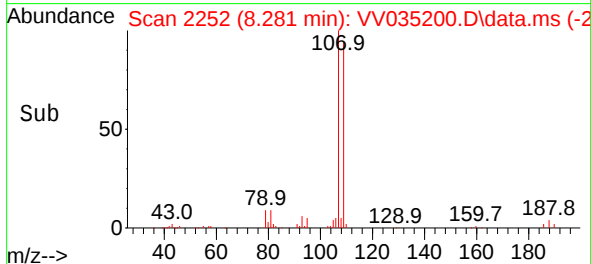
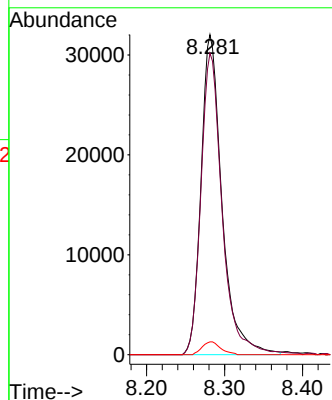
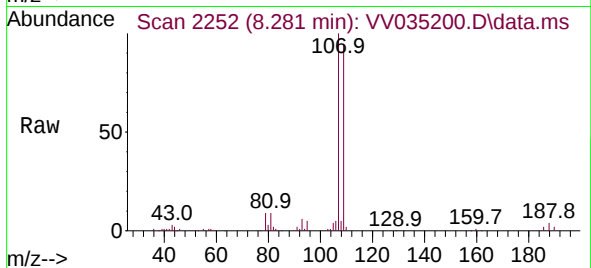




#50
1,2-Dibromoethane
Concen: 5.307 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

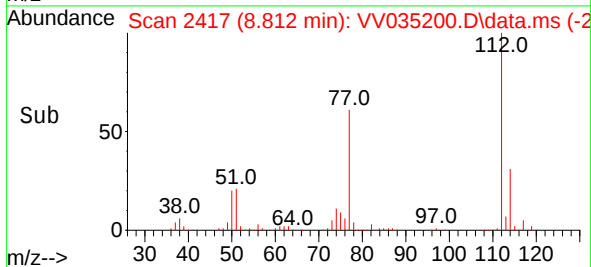
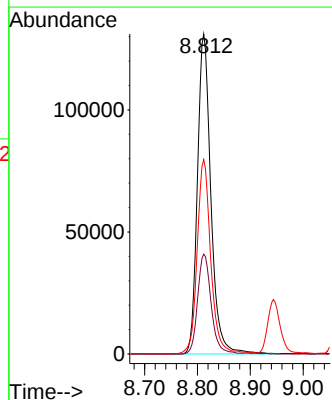
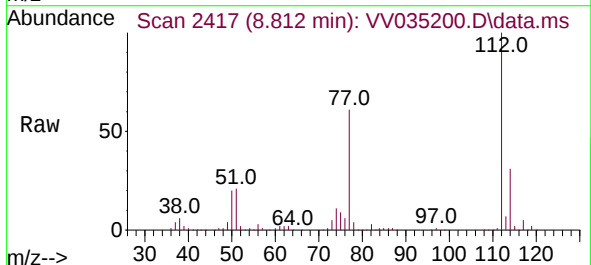
Instrument :
MSVOA_V
ClientSampleId :

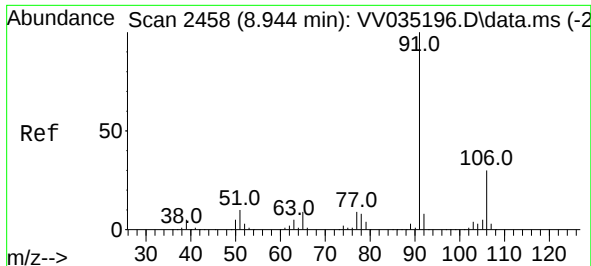
Tgt Ion:107 Resp: 59824
Ion Ratio Lower Upper
107 100
109 94.2 69.1 128.3
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 5.280 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion:112 Resp: 231864
Ion Ratio Lower Upper
112 100
114 31.2 22.0 41.0
77 60.8 49.0 73.6

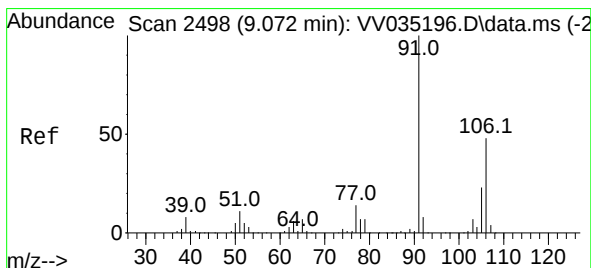
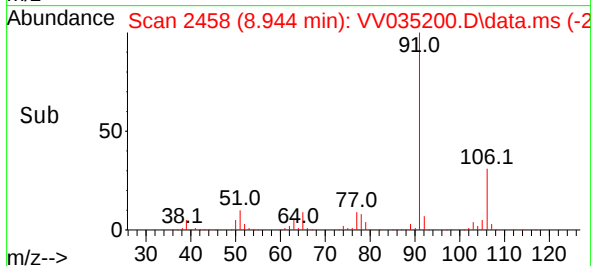
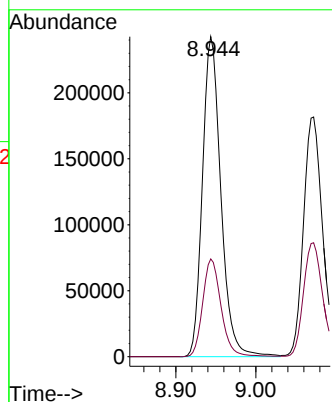
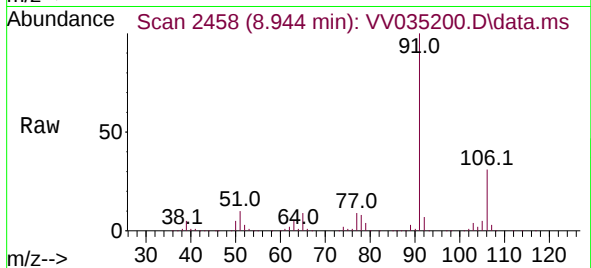




#52
Ethylbenzene
Concen: 5.364 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

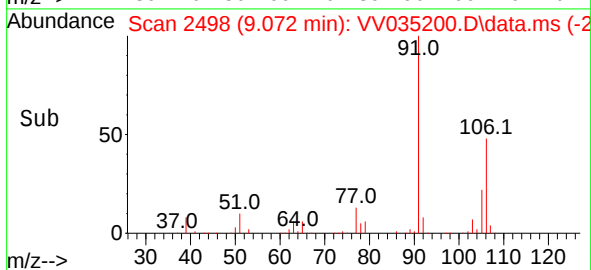
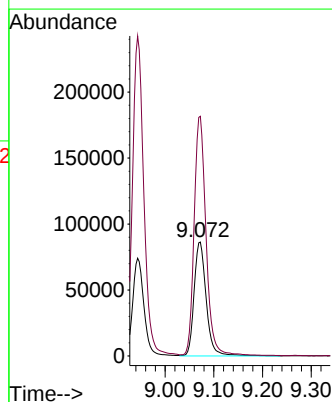
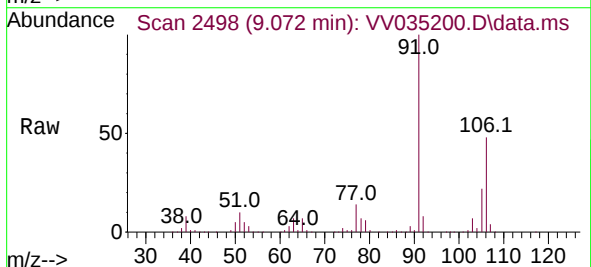
Instrument :
MSVOA_V
ClientSampleId :

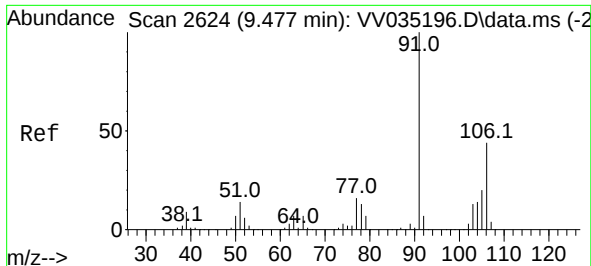
Tgt Ion: 91 Resp: 389985
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.570 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion:106 Resp: 149181
Ion Ratio Lower Upper
106 100
91 210.5 147.1 273.3

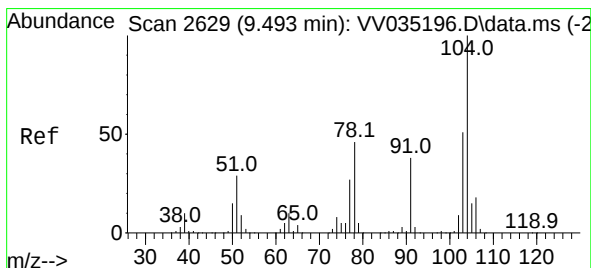
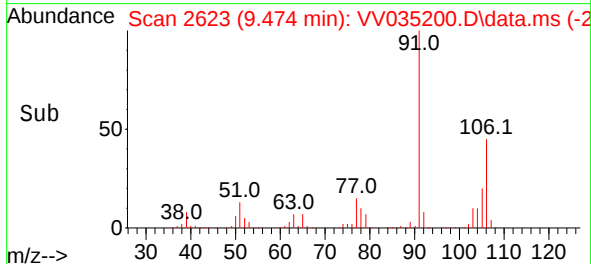
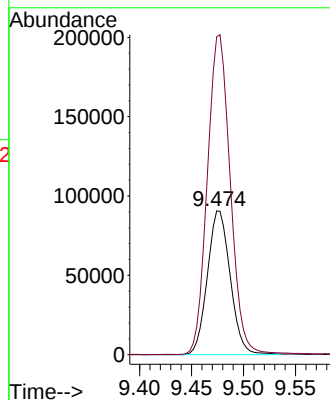
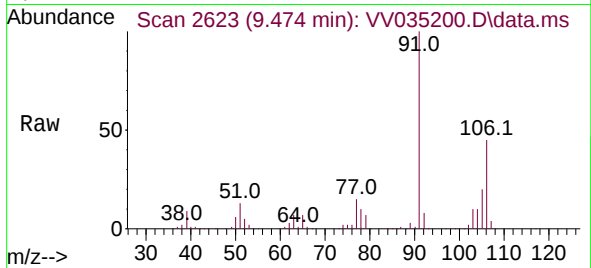




#54
o-Xylene
Concen: 5.361 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

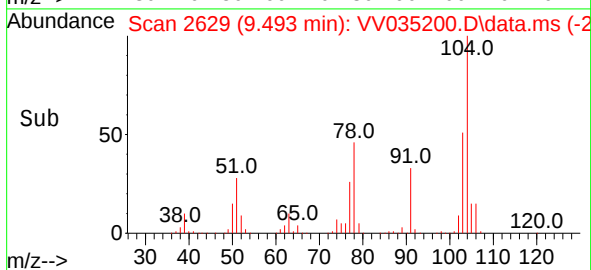
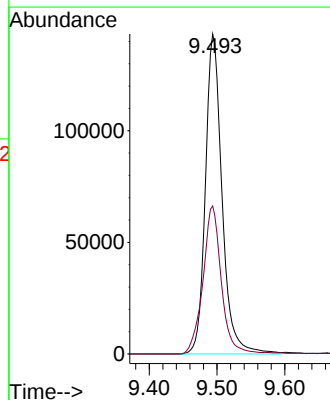
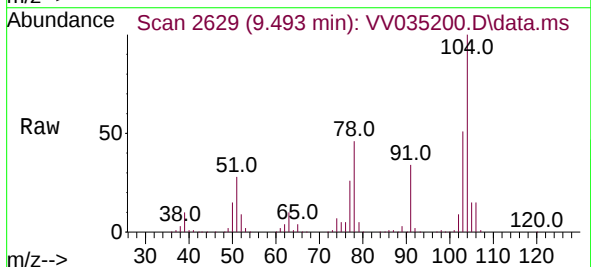
Instrument :
MSVOA_V
ClientSampleId :

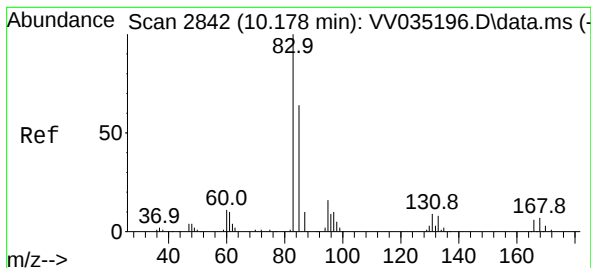
Tgt Ion:106 Resp: 138572
Ion Ratio Lower Upper
106 100
91 221.1 157.7 292.9



#55
Styrene
Concen: 5.629 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion:104 Resp: 244825
Ion Ratio Lower Upper
104 100
78 46.2 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.321 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.003 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

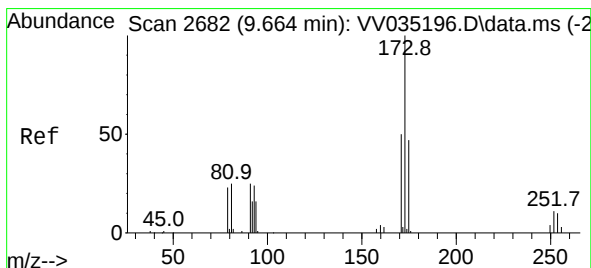
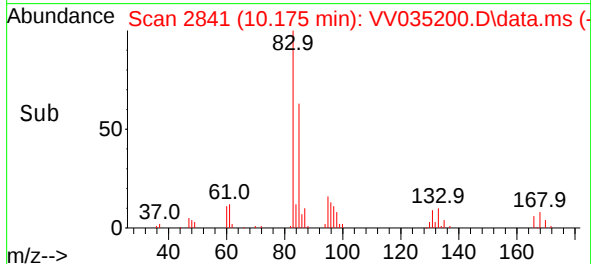
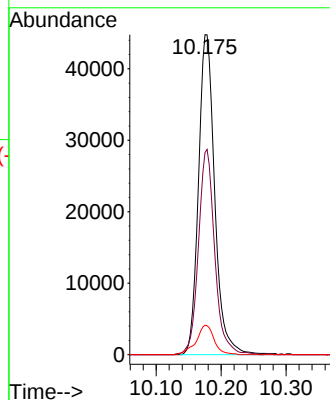
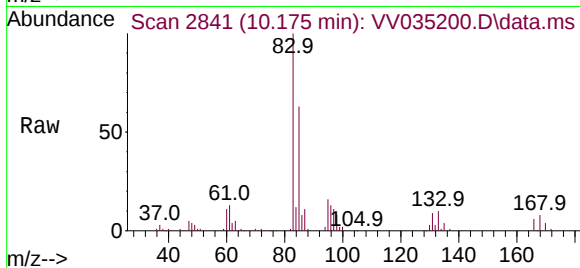
Tgt Ion: 83 Resp: 78277

Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.5

131 9.2 7.8 11.6



#59

Bromoform

Concen: 5.405 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

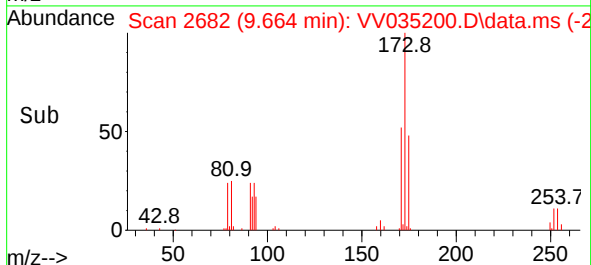
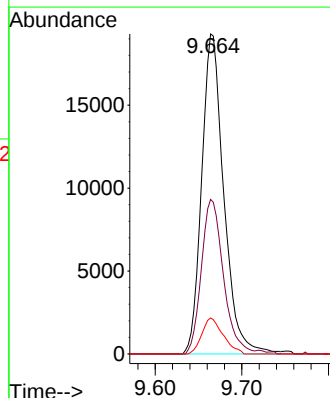
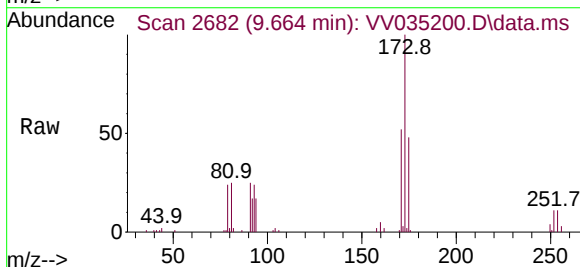
Tgt Ion:173 Resp: 34180

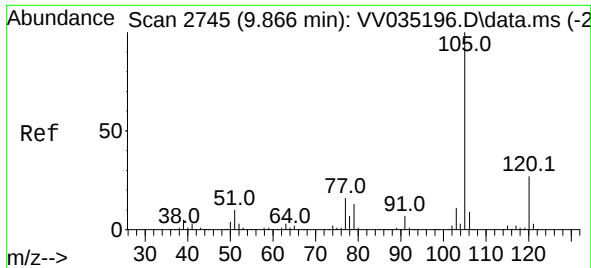
Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

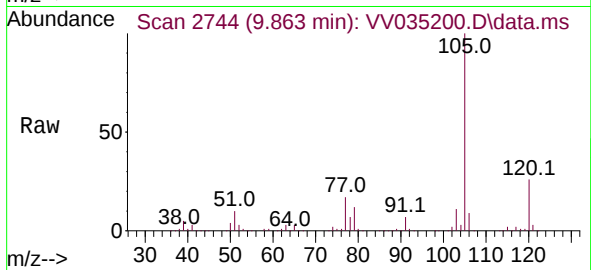
254 10.8 8.2 12.2



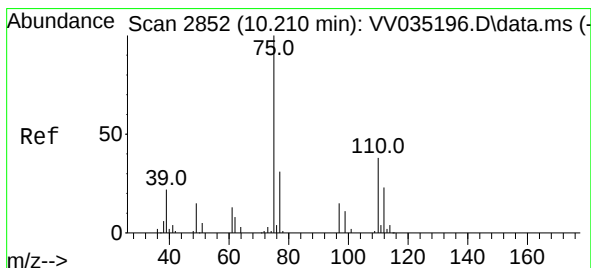
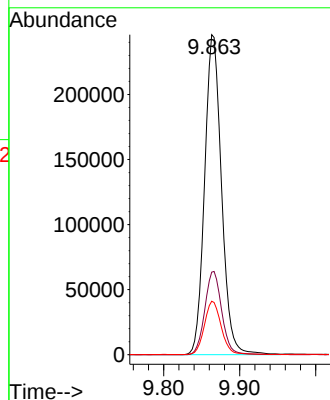
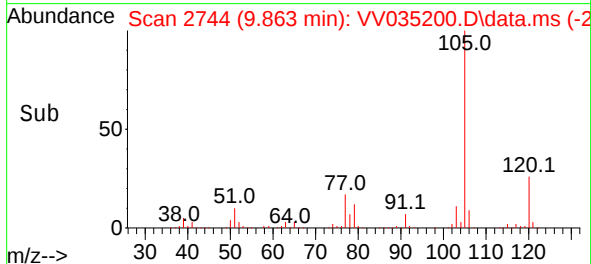


#60
Isopropylbenzene
Concen: 5.576 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

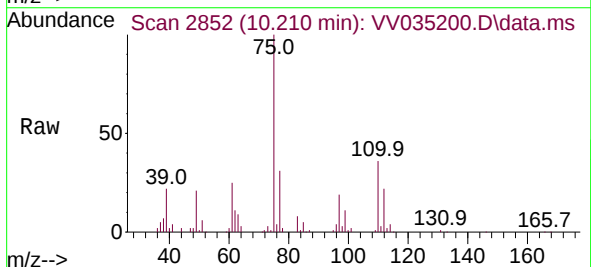
Instrument :
MSVOA_V
ClientSampleId :



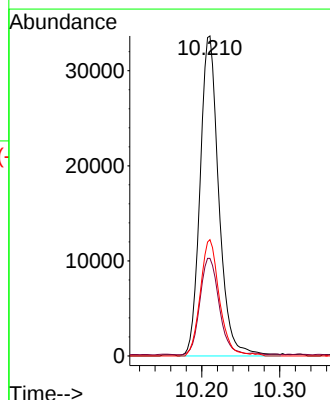
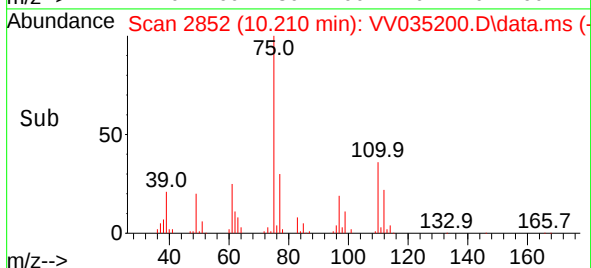
Tgt Ion:105 Resp: 380247
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 16.5 13.1 19.7

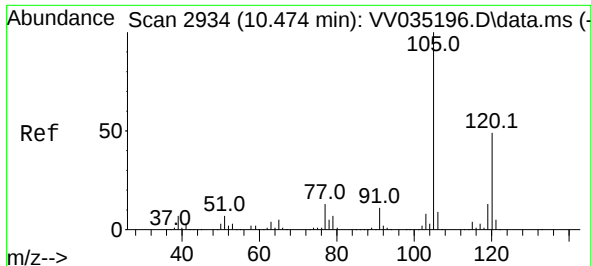


#61
1,2,3-Trichloropropane
Concen: 5.287 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15



Tgt Ion: 75 Resp: 56351
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
110 36.7 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 5.532 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

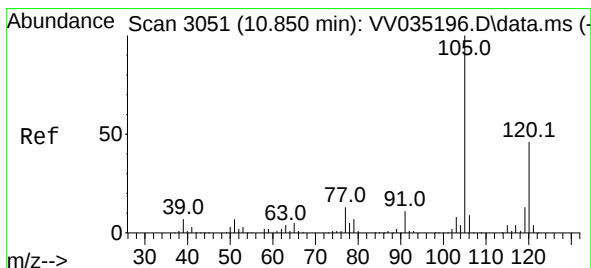
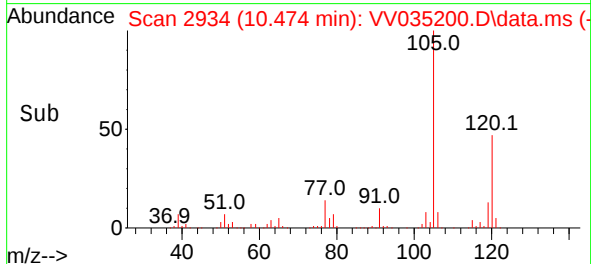
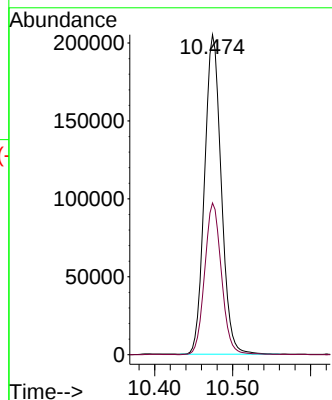
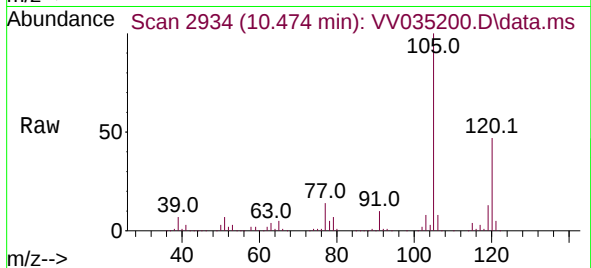
ClientSampleId :

Tgt Ion:105 Resp: 304650

Ion Ratio Lower Upper

105 100

120 48.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.661 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035200.D

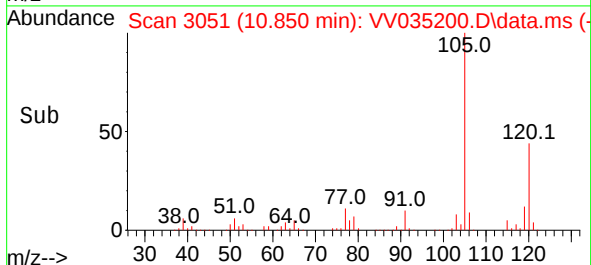
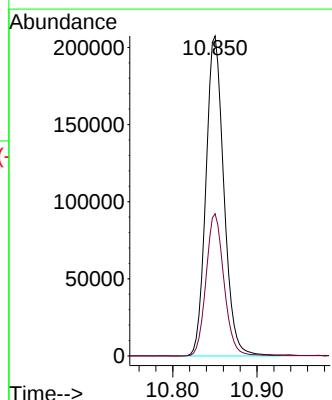
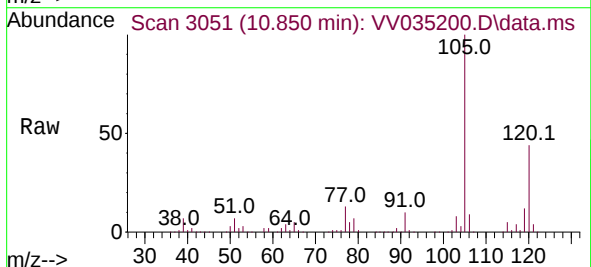
Acq: 15 Apr 2024 15:15

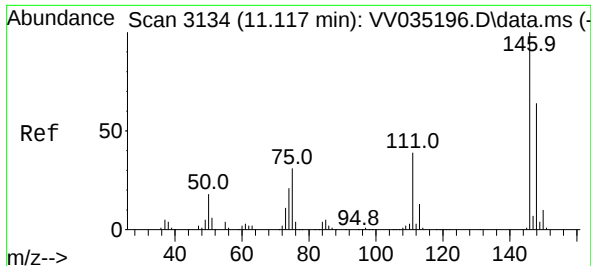
Tgt Ion:105 Resp: 308013

Ion Ratio Lower Upper

105 100

120 44.5 36.0 54.0

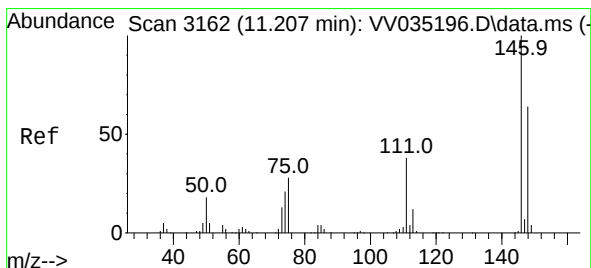
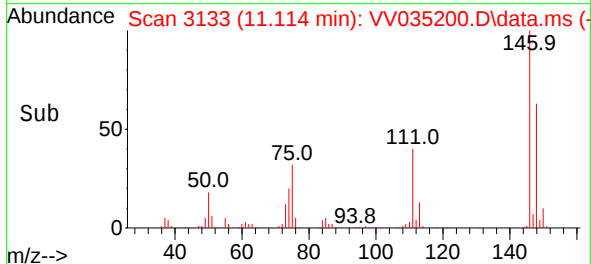
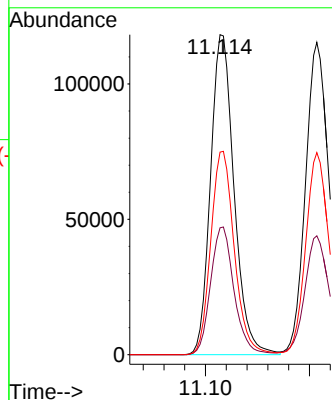
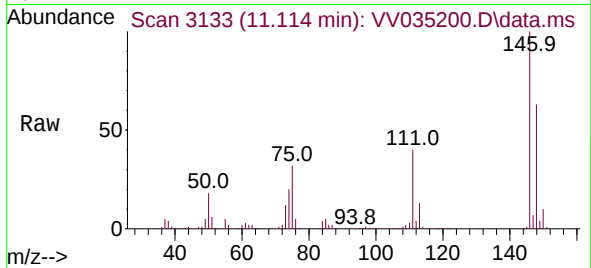




#64
1,3-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.114 min Scan# 3134
Delta R.T. -0.003 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

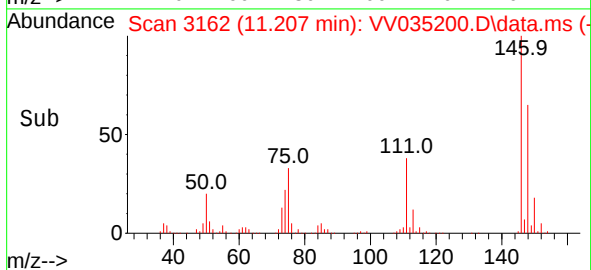
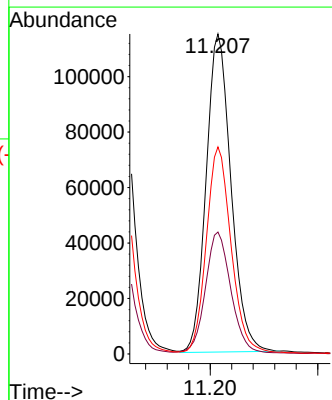
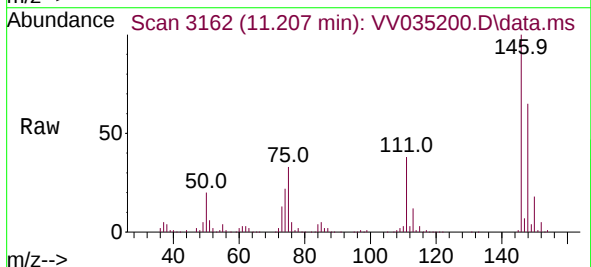
Instrument :
MSVOA_V
ClientSampleId :

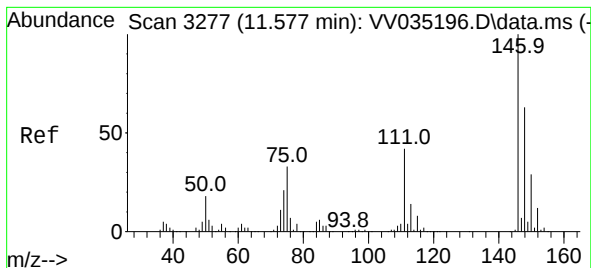
Tgt Ion:146 Resp: 185817
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.2
148 63.3 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.130 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

Tgt Ion:146 Resp: 183902
Ion Ratio Lower Upper
146 100
111 38.1 27.1 50.3
148 64.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.372 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :

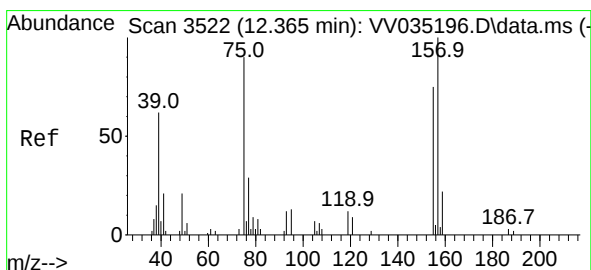
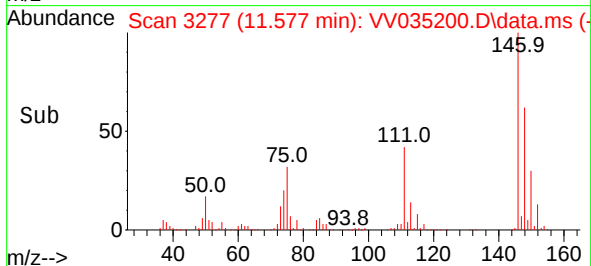
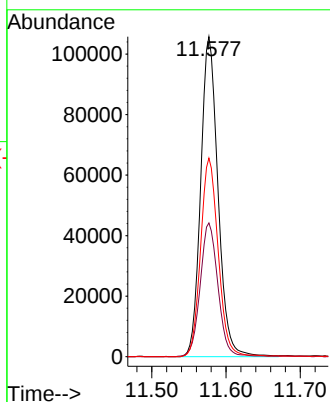
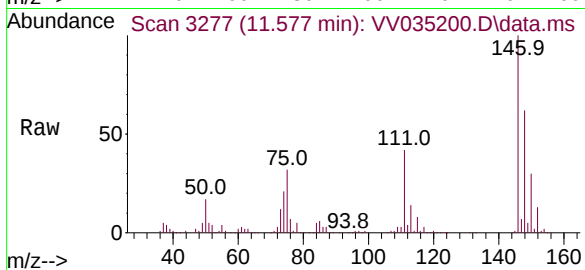
Tgt Ion:146 Resp: 171184

Ion Ratio Lower Upper

146 100

111 41.8 33.7 50.5

148 62.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.301 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

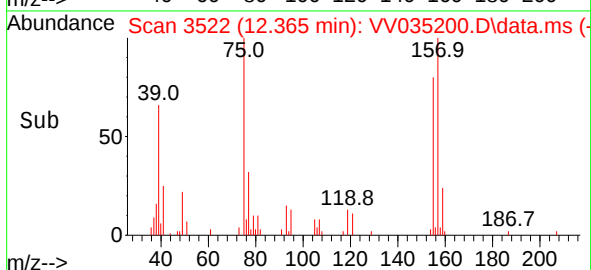
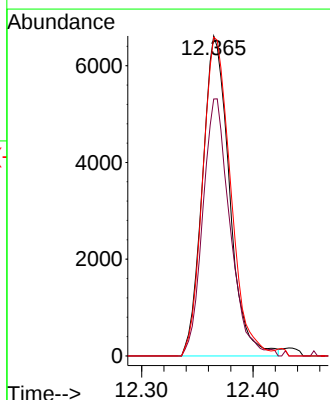
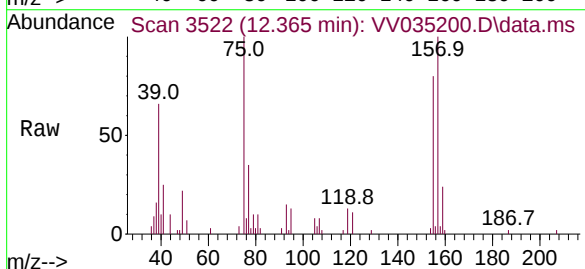
Tgt Ion: 75 Resp: 11153

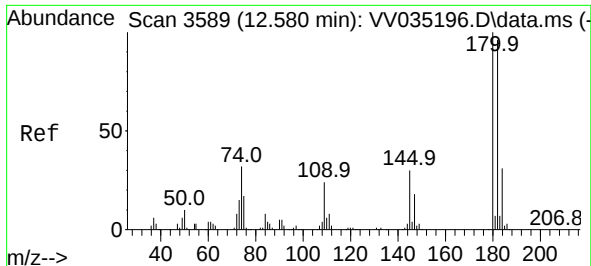
Ion Ratio Lower Upper

75 100

155 80.3 66.8 100.2

157 99.6 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 5.329 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

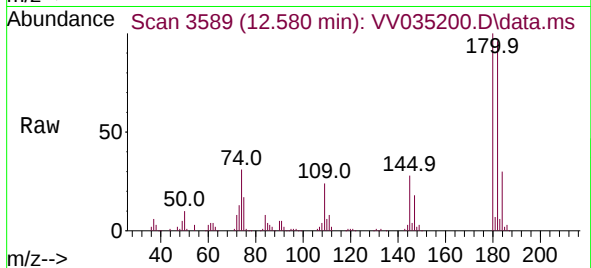
Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 138817

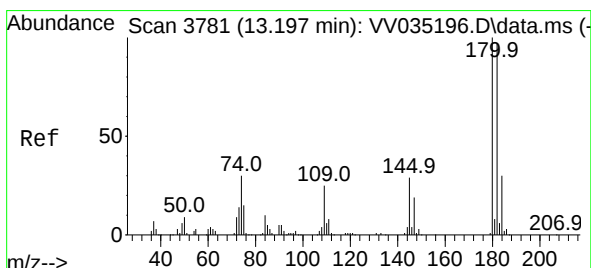
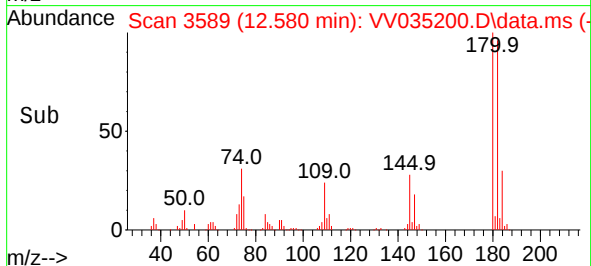
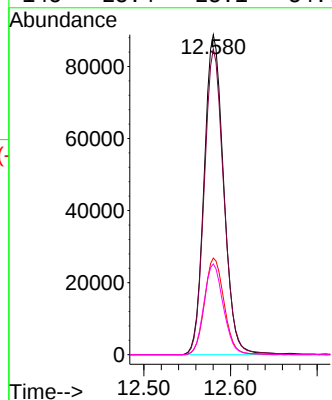
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.2

184 30.3 24.0 36.0

145 28.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.376 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035200.D

Acq: 15 Apr 2024 15:15

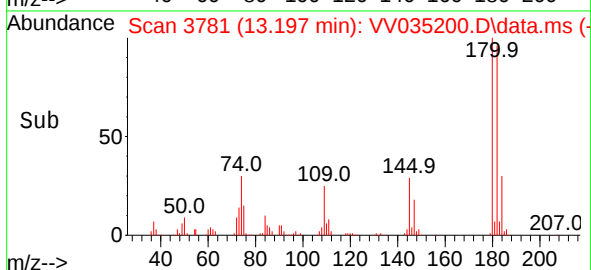
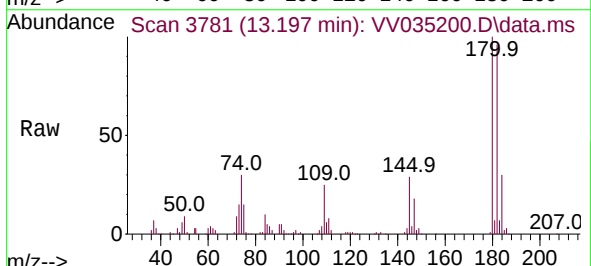
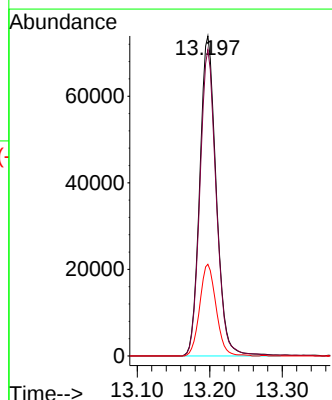
Tgt Ion:180 Resp: 116809

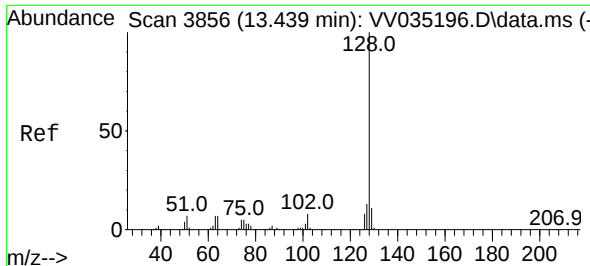
Ion Ratio Lower Upper

180 100

182 95.0 76.9 115.3

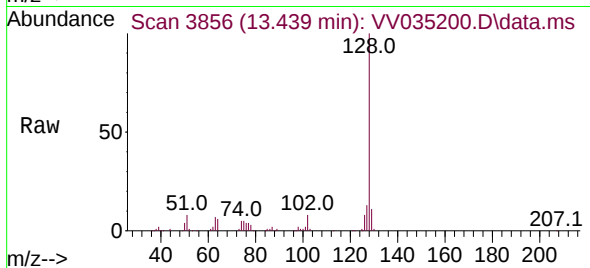
145 28.4 23.5 35.3



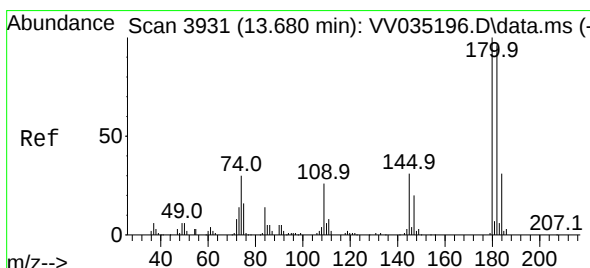
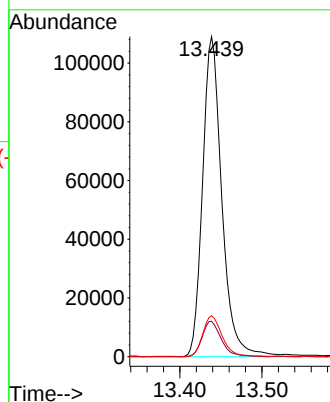
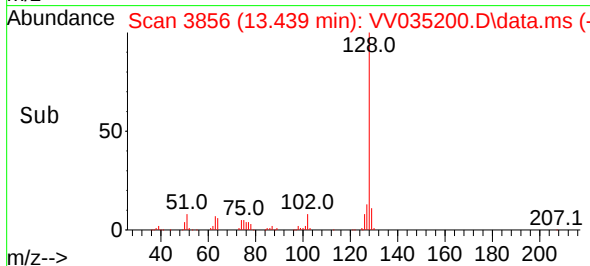


#71
Naphthalene
Concen: 5.692 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15

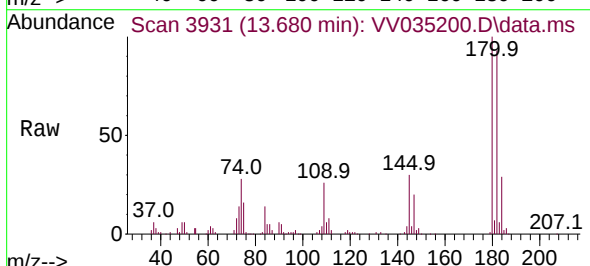
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 177705
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.576 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV035200.D
Acq: 15 Apr 2024 15:15



Tgt Ion:180 Resp: 107558
Ion Ratio Lower Upper
180 100
182 93.2 75.9 113.9
145 30.4 25.3 37.9

