

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
 Data File : VW035508.D
 Acq On : 01 May 2024 19:47
 Operator : SY/MD
 Sample : P2220-05MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MSD

Quant Time: May 02 01:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	502293	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	503360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	268962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	171106	44.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.360%
7) Chloroethane-d5	1.529	69	140883	49.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	2.056	65	75576	45.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
21) 2-Butanone-d5	3.790	46	252505	96.603	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.246	84	338901	47.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
26) 1,2-Dichloroethane-d4	4.941	65	199796	47.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.520%
32) Benzene-d6	4.957	84	670498	47.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	5.986	67	206483	46.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.480%
41) Toluene-d8	7.240	98	624878	48.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.900%
43) trans-1,3-Dichloroprop...	7.551	79	100755	46.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.600%
47) 2-Hexanone-d5	8.021	63	204655	100.812	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.810%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	322594	47.923	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	246588	46.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	158742	47.174	ug/L	100
3) Chloromethane	1.214	50	168377	46.189	ug/L	99
5) Vinyl chloride	1.282	62	185465	48.311	ug/L	100
6) Bromomethane	1.484	94	117796	48.259	ug/L	100
8) Chloroethane	1.545	64	120083	54.403	ug/L	100
9) Trichlorofluoromethane	1.709	101	250395	48.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	155311	47.443	ug/L	99
12) 1,1-Dichloroethene	2.066	96	140897	48.183	ug/L	90
13) Acetone	2.121	43	197781	81.733	ug/L	100
14) Carbon disulfide	2.237	76	357617	46.553	ug/L	99
15) Methyl Acetate	2.375	43	194462	49.540	ug/L	98
16) Methylene chloride	2.442	84	184053	49.674	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	153296	49.597	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	547116	50.333	ug/L	100
19) 1,1-Dichloroethane	3.108	63	318238	49.034	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	186626	50.767	ug/L	98
22) 2-Butanone	3.870	43	261009	91.115	ug/L	97
23) Bromochloromethane	4.146	128	99654	49.567	ug/L	98
25) Chloroform	4.272	83	332937	49.700	ug/L	99

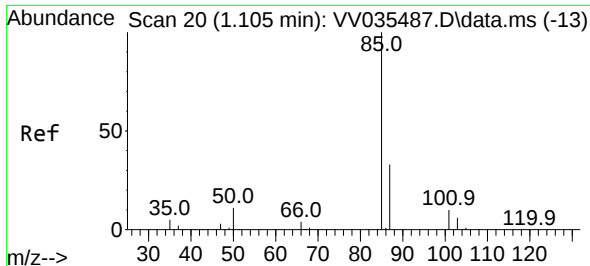
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
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 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	244772	51.056	ug/L	99
29) Cyclohexane	4.580	56	212514	47.286	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	282255	48.997	ug/L	99
31) Carbon tetrachloride	4.732	117	241782	48.542	ug/L	100
33) Benzene	5.008	78	673341	49.537	ug/L	100
34) Trichloroethene	5.831	95	173525	47.972	ug/L	98
35) Methylcyclohexane	6.050	83	242836	47.589	ug/L	100
37) 1,2-Dichloropropane	6.092	63	187401	50.180	ug/L	98
38) Bromodichloromethane	6.429	83	257094	50.038	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	287309	49.007	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	520300	104.370	ug/L	99
42) Toluene	7.314	91	724053	50.775	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	282952	50.812	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	198384	49.669	ug/L	99
46) Tetrachloroethene	7.902	164	141561	48.454	ug/L	98
48) 2-Hexanone	8.072	43	416337	102.644	ug/L	99
49) Dibromochloromethane	8.175	129	206356	49.356	ug/L	99
50) 1,2-Dibromoethane	8.278	107	209999	50.324	ug/L	100
51) Chlorobenzene	8.812	112	490080	49.507	ug/L	100
52) Ethylbenzene	8.944	91	785168	50.966	ug/L	100
53) m,p-Xylene	9.072	106	293755	51.400	ug/L	98
54) o-Xylene	9.477	106	291930	50.692	ug/L	99
55) Styrene	9.493	104	537497	54.003	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	338733	49.566	ug/L	100
59) Bromoform	9.664	173	173071	49.750	ug/L	98
60) Isopropylbenzene	9.866	105	792333	51.014	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	260036	48.192	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	635860	51.153	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	645869	51.817	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	399228	49.639	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	412486	48.605	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	410762	48.816	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	79436	49.988	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	300922	49.294	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	271940	50.567	ug/L	98
71) Naphthalene	13.435	128	846922	56.190	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	300285	53.794	ug/L	99

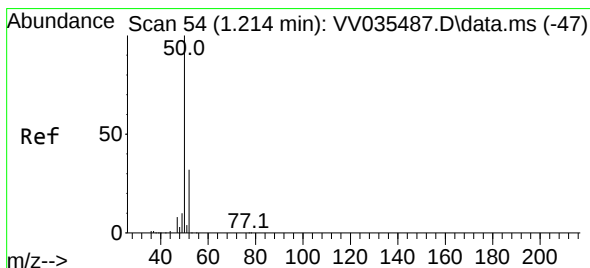
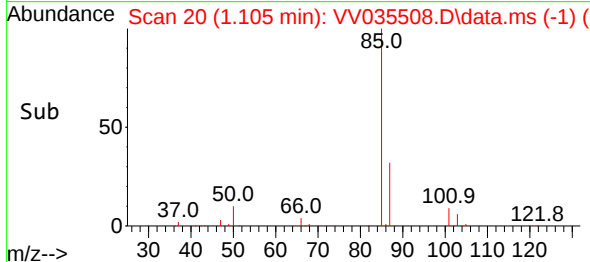
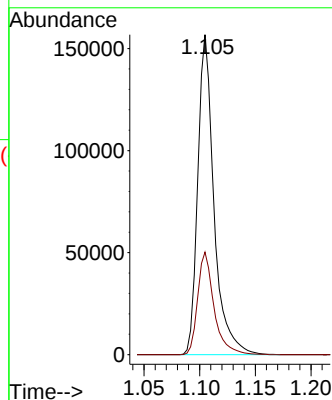
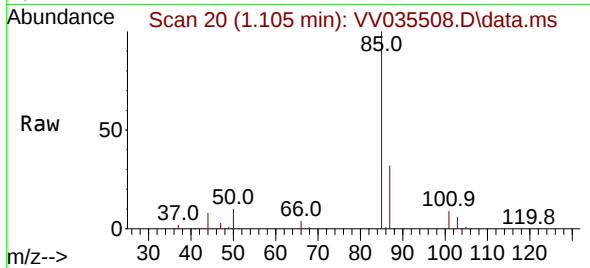
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.174 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035508.D
 Acq: 01 May 2024 19:47

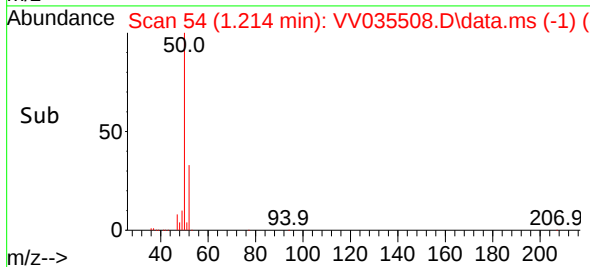
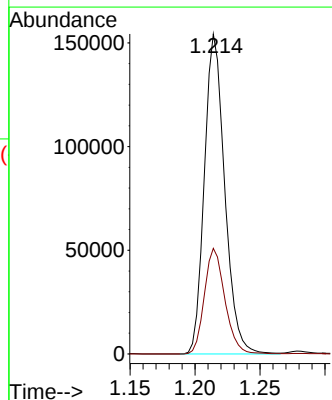
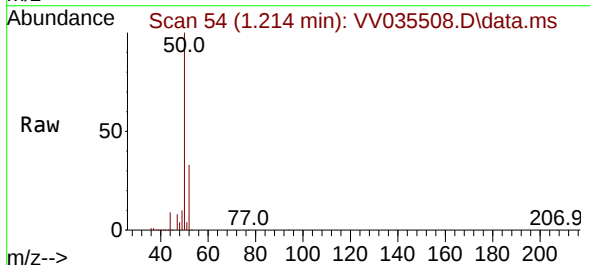
Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MSD

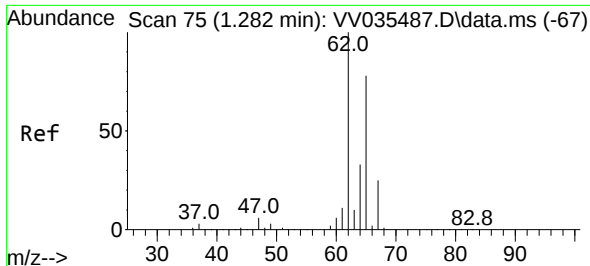
Tgt Ion: 85 Resp: 158742
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 46.189 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035508.D
 Acq: 01 May 2024 19:47

Tgt Ion: 50 Resp: 168377
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.6 42.0

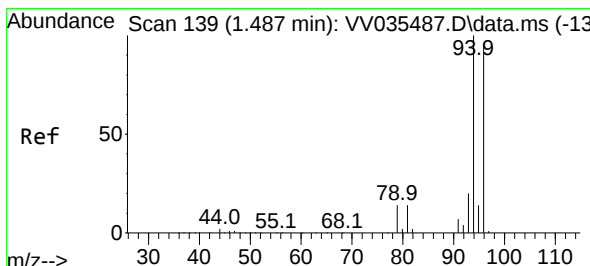
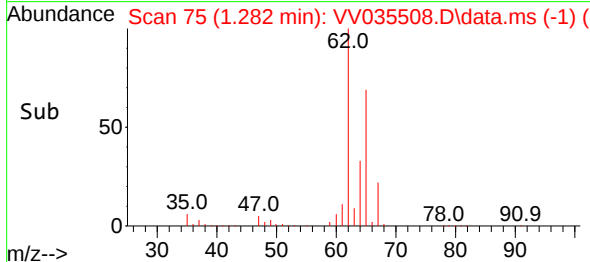
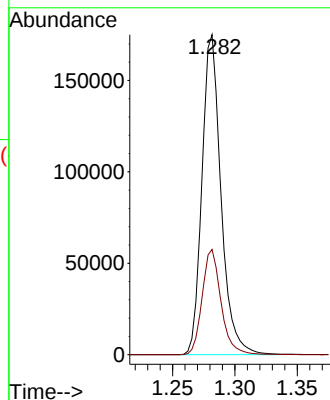
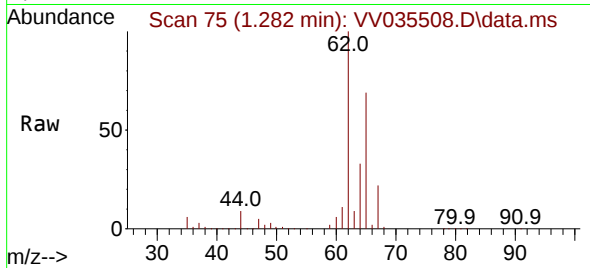




#5
 Vinyl chloride
 Concen: 48.311 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV035508.D
 Acq: 01 May 2024 19:47

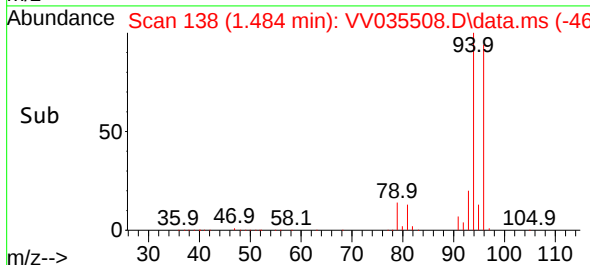
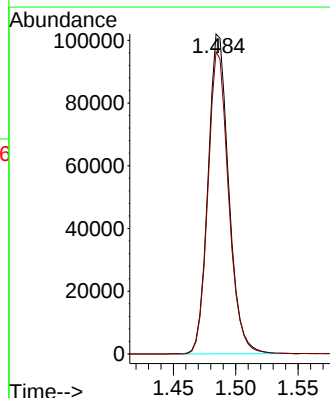
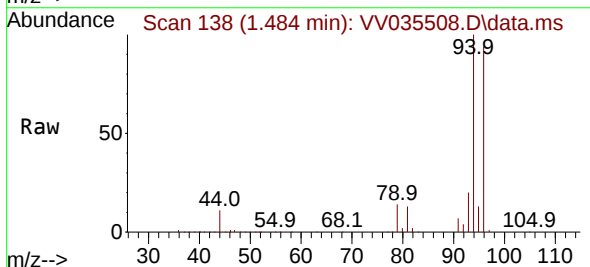
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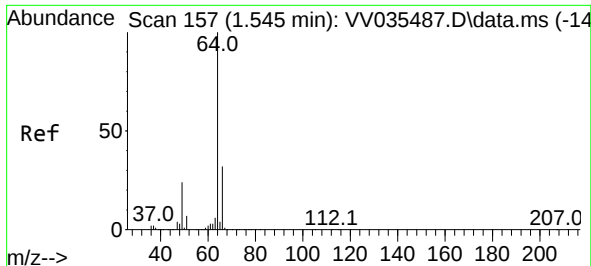
Tgt Ion: 62 Resp: 185465
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 48.259 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV035508.D
 Acq: 01 May 2024 19:47

Tgt Ion: 94 Resp: 117796
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.2 123.0

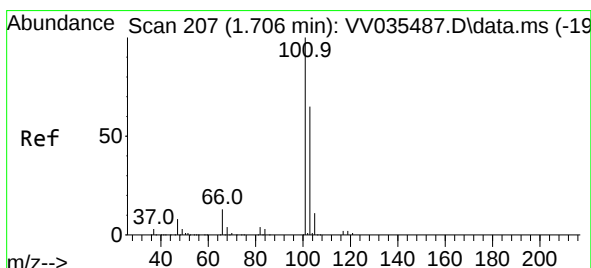
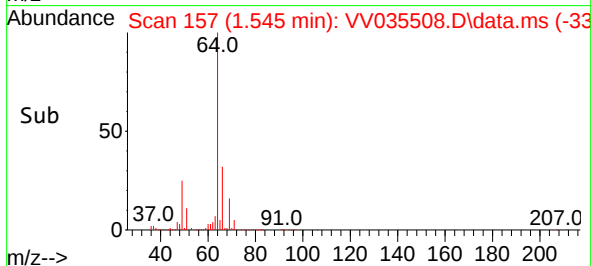
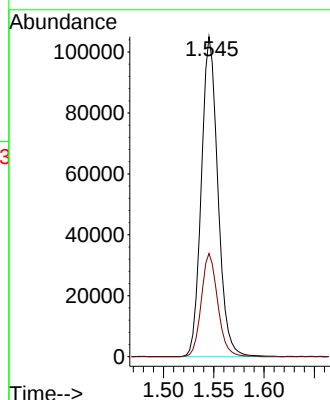
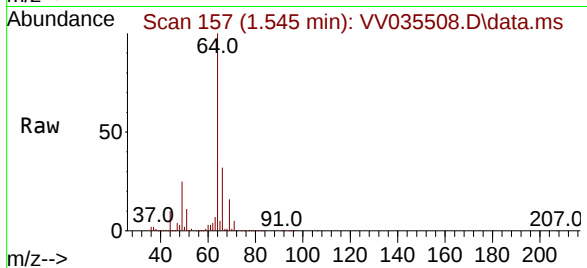




#8
Chloroethane
Concen: 54.403 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

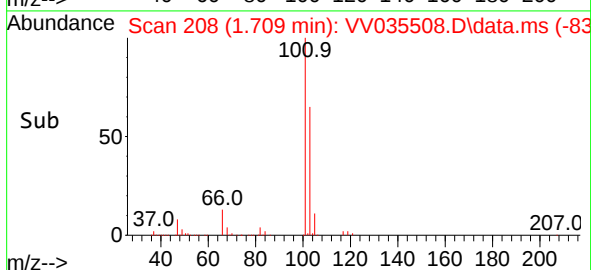
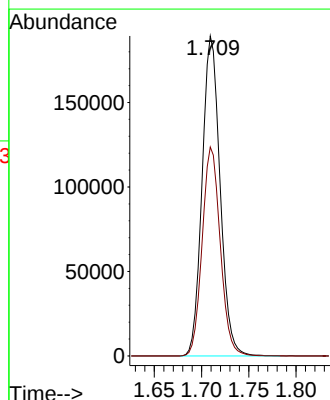
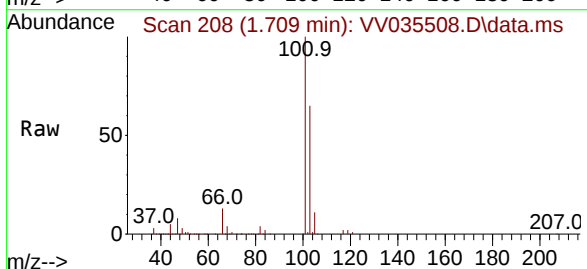
Instrument :
MSVOA_V
ClientSampleId :
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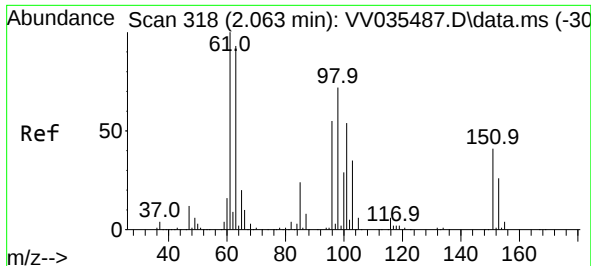
Tgt Ion: 64 Resp: 120083
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.481 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion:101 Resp: 250395
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0





#10

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

Concen: 47.443 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

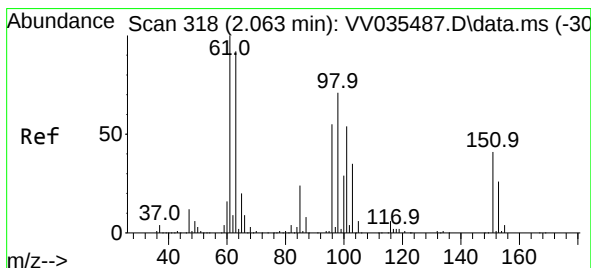
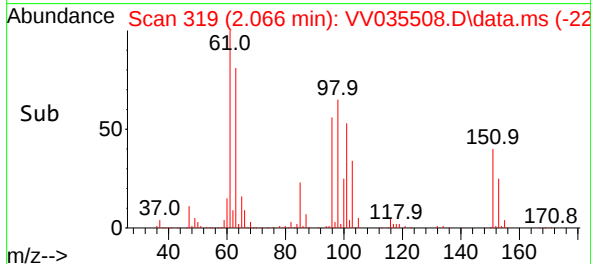
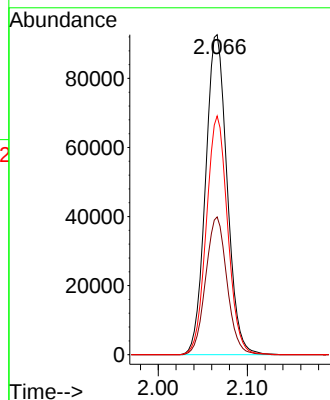
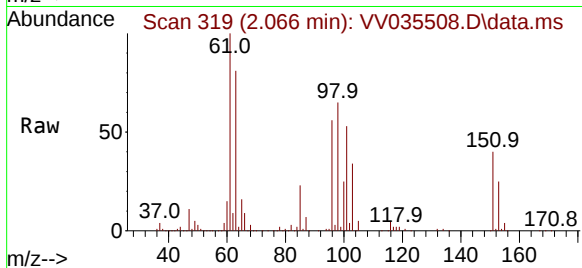
Tgt Ion:101 Resp: 155311

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

151 73.8 60.1 90.1



#12

1,1-Dichloroethene

Concen: 48.183 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

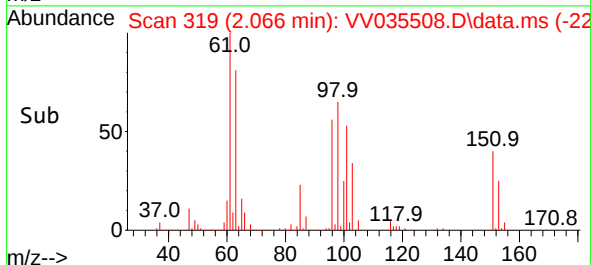
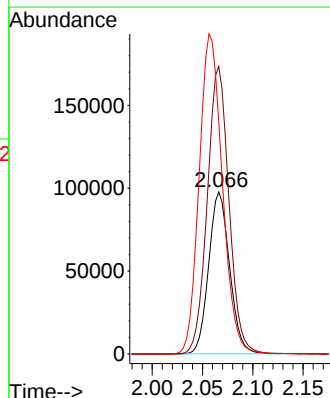
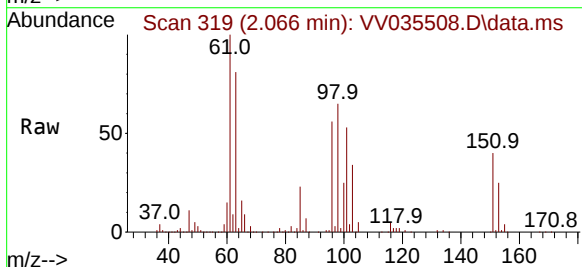
Tgt Ion: 96 Resp: 140897

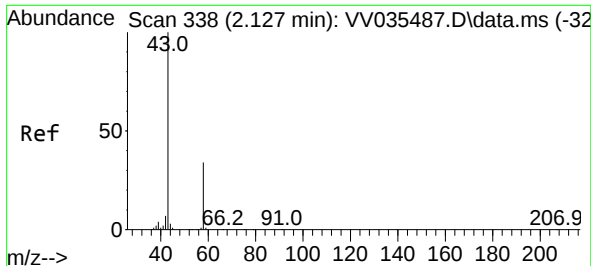
Ion Ratio Lower Upper

96 100

61 177.3 126.5 234.9

63 143.3 118.1 219.3





#13

Acetone

Concen: 81.733 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV035508.D

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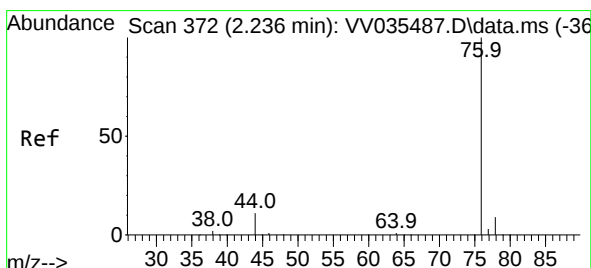
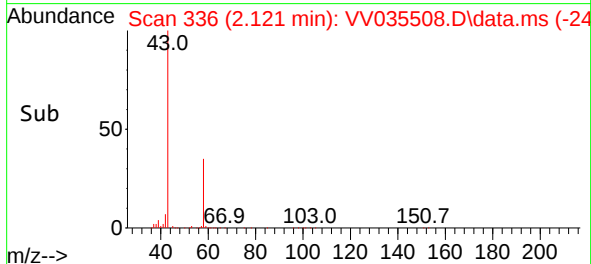
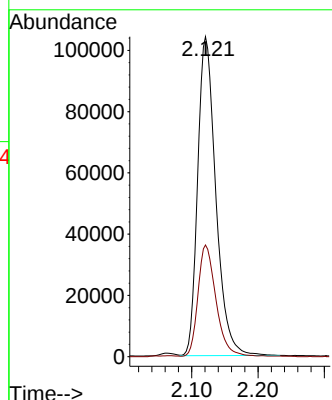
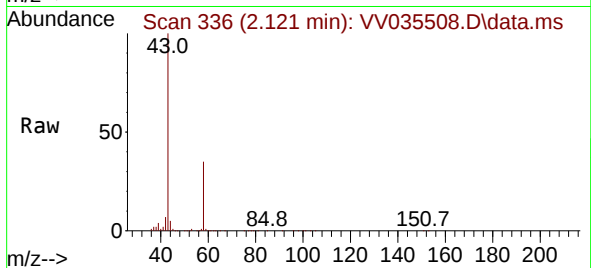
E0813MSD

Tgt Ion: 43 Resp: 197781

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.8



#14

Carbon disulfide

Concen: 46.553 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035508.D

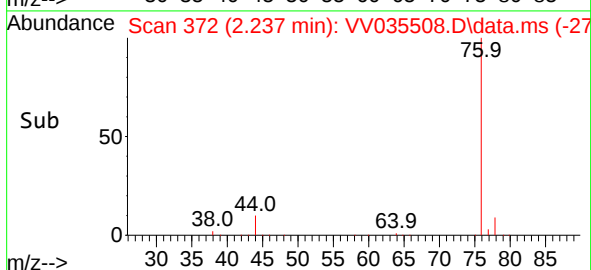
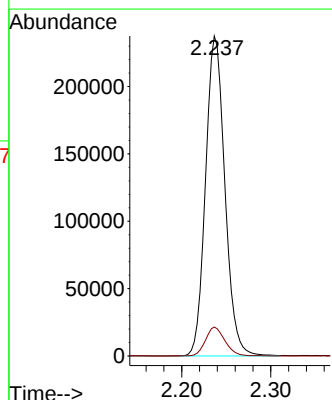
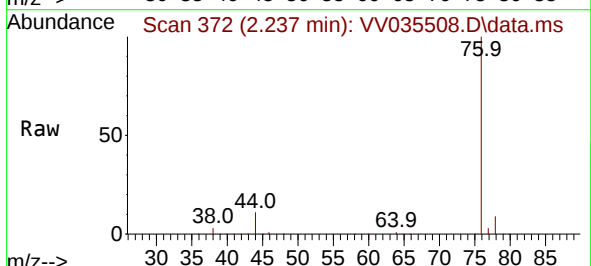
Acq: 01 May 2024 19:47

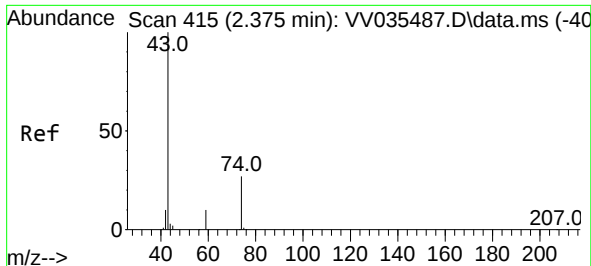
Tgt Ion: 76 Resp: 357617

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

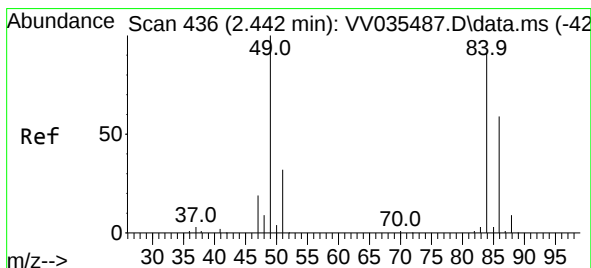
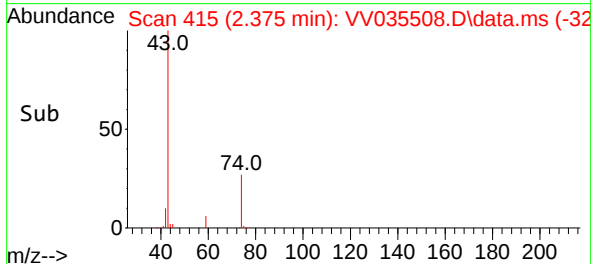
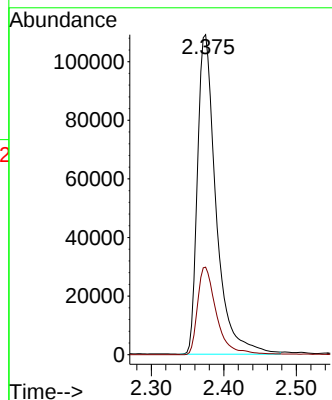
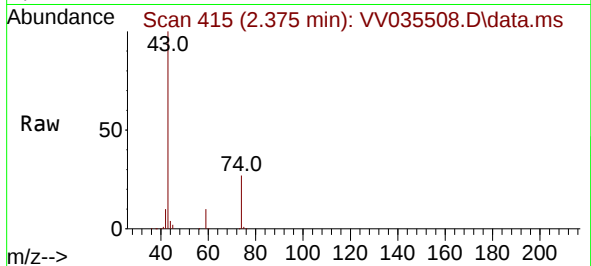




#15
Methyl Acetate
Concen: 49.540 ug/L
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

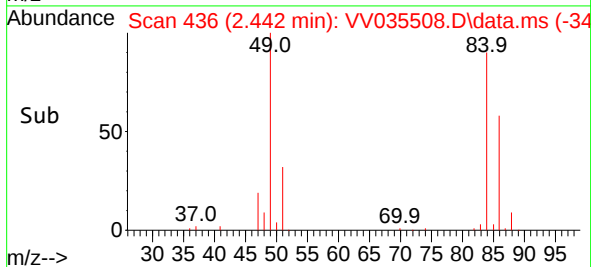
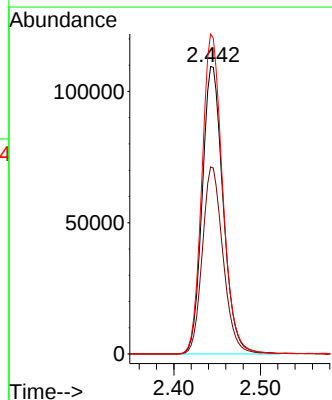
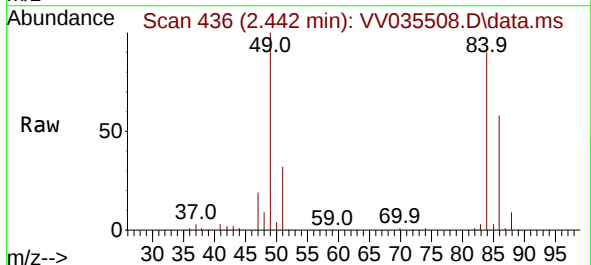
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

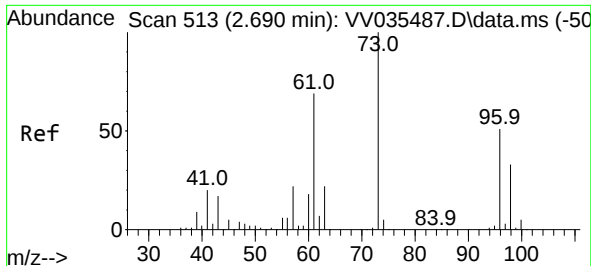
Tgt Ion: 43 Resp: 194462
Ion Ratio Lower Upper
43 100
74 28.0 21.6 32.4



#16
Methylene chloride
Concen: 49.674 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion: 84 Resp: 184053
Ion Ratio Lower Upper
84 100
86 65.1 45.3 84.1
49 111.4 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 49.597 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

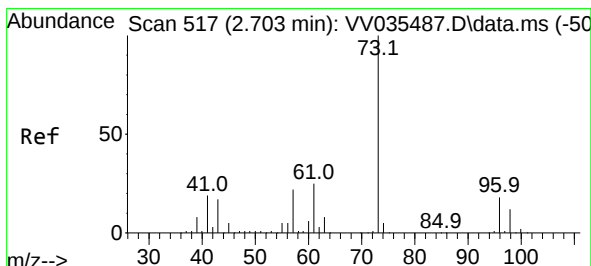
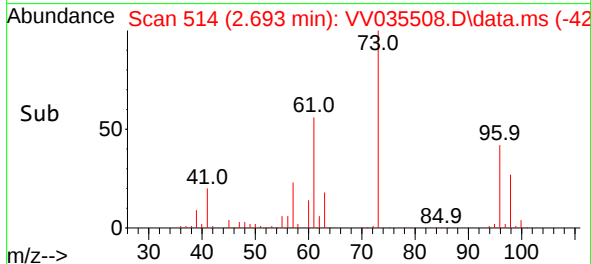
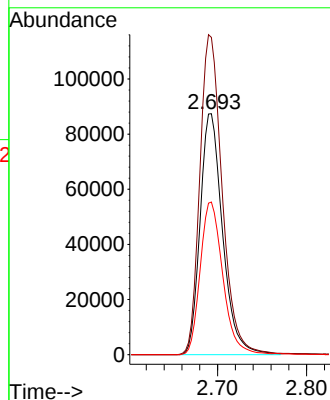
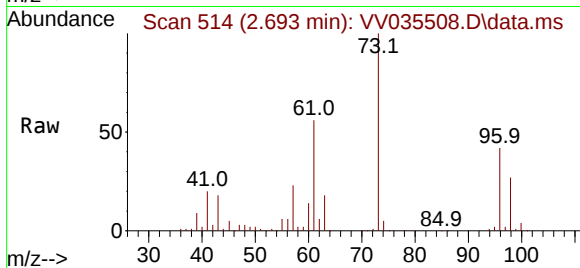
Tgt Ion: 96 Resp: 153296

Ion Ratio Lower Upper

96 100

61 131.7 95.5 177.3

98 63.3 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 50.333 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

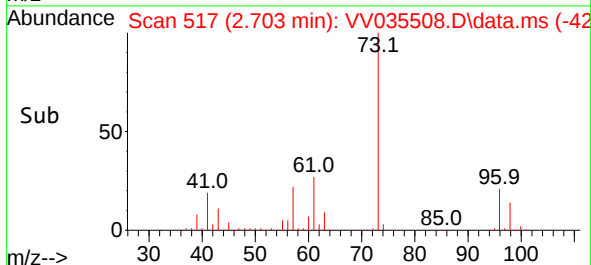
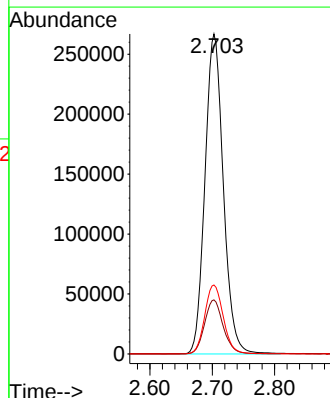
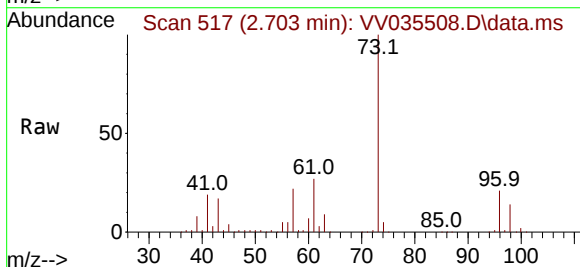
Tgt Ion: 73 Resp: 547116

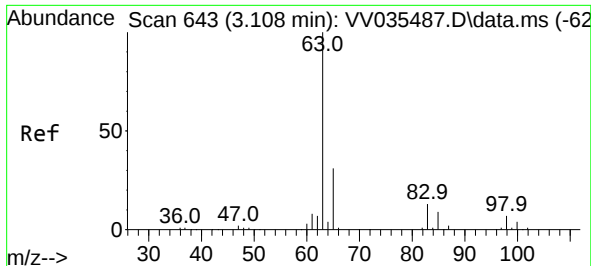
Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 49.034 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

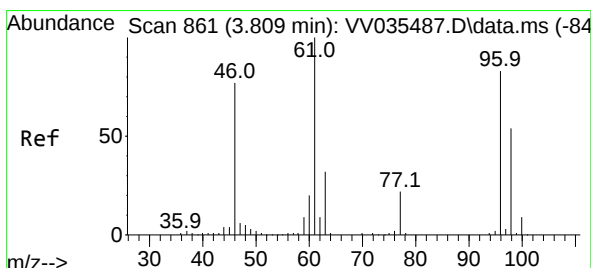
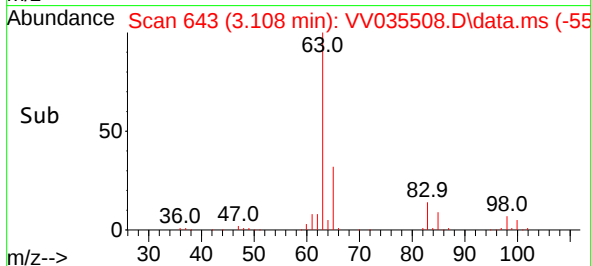
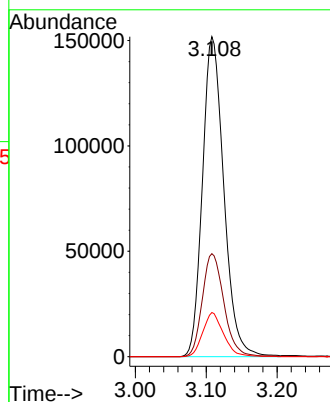
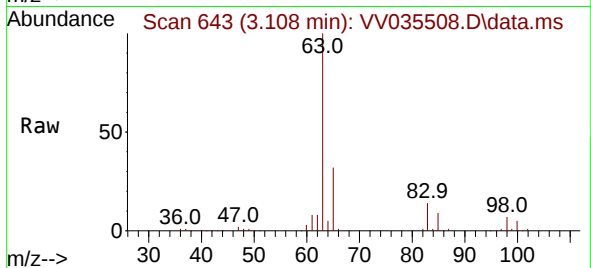
Tgt Ion: 63 Resp: 318238

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.4

83 13.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 50.767 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

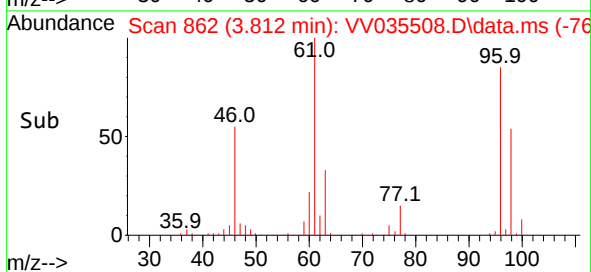
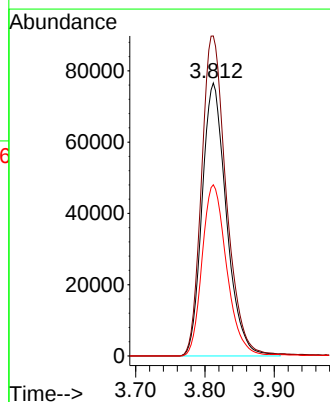
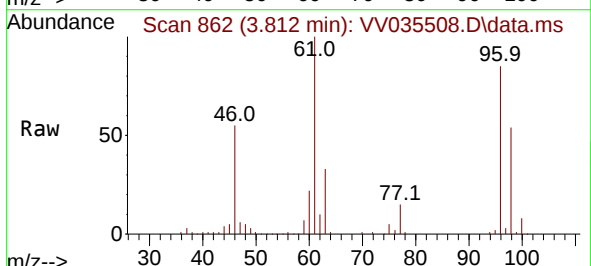
Tgt Ion: 96 Resp: 186626

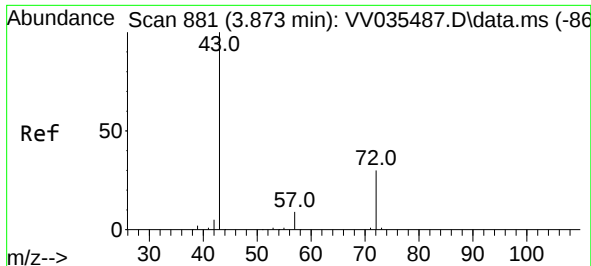
Ion Ratio Lower Upper

96 100

61 117.2 84.0 156.0

98 62.7 44.9 83.5

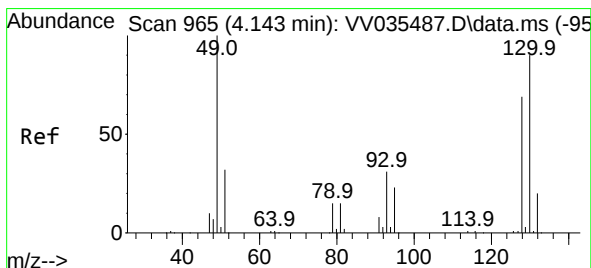
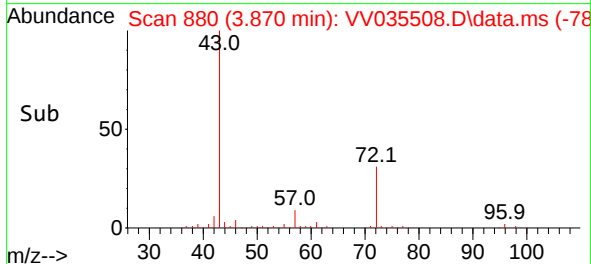
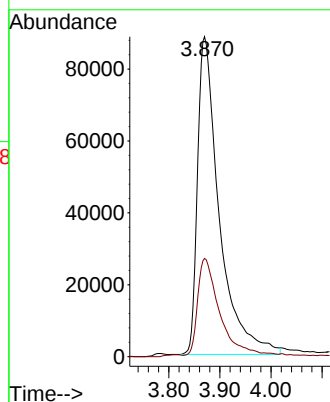
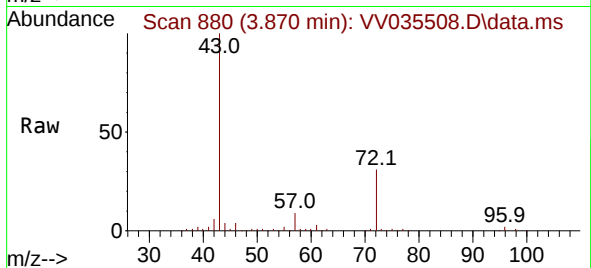




#22
2-Butanone
Concen: 91.115 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

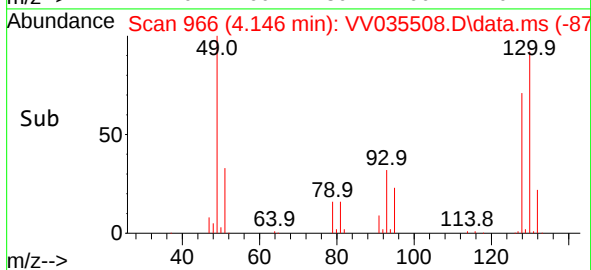
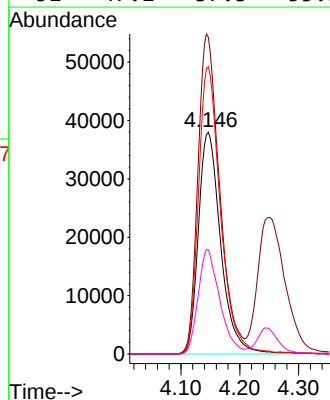
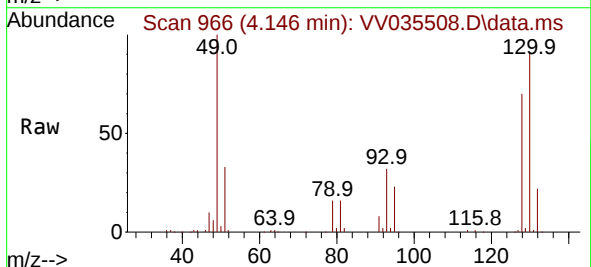
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

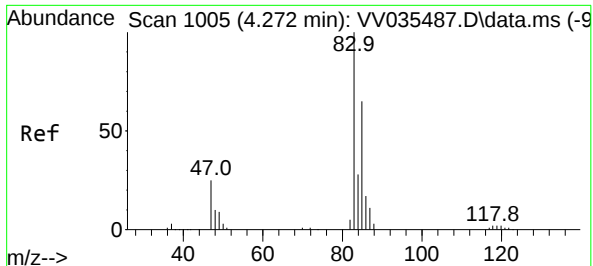
Tgt Ion: 43 Resp: 261009
Ion Ratio Lower Upper
43 100
72 30.2 14.4 43.0



#23
Bromochloromethane
Concen: 49.567 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion: 128 Resp: 99654
Ion Ratio Lower Upper
128 100
49 142.8 102.0 189.4
130 129.5 91.5 169.9
51 47.1 37.3 55.9

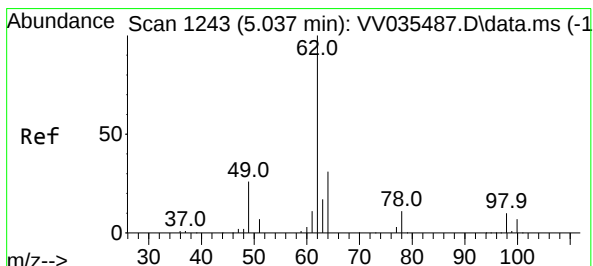
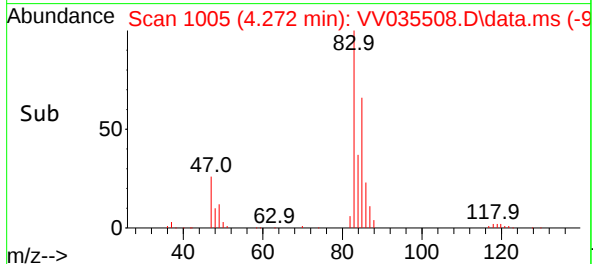
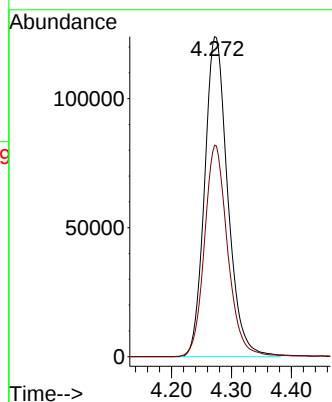
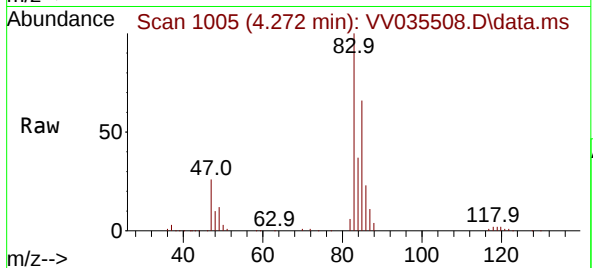




#25
Chloroform
Concen: 49.700 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

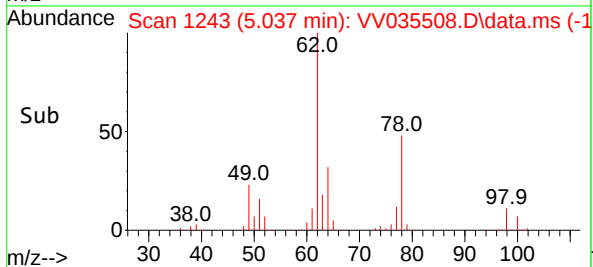
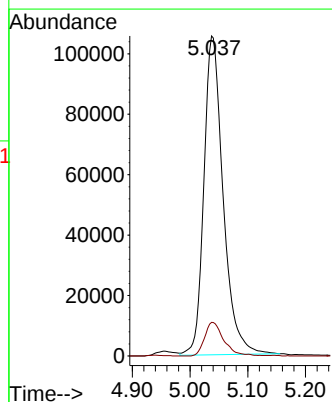
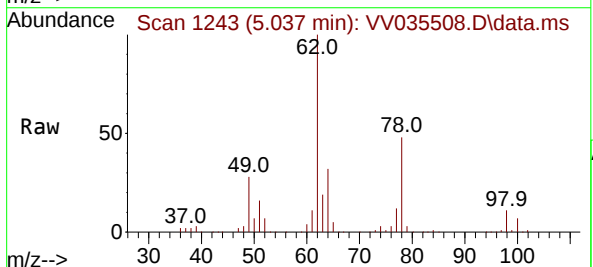
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

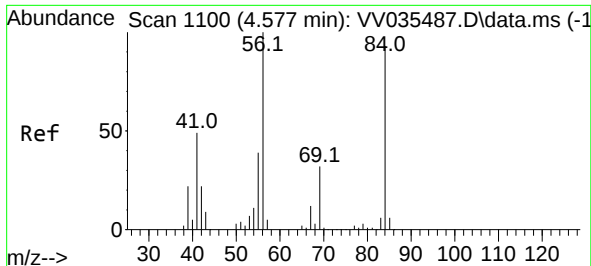
Tgt Ion: 83 Resp: 332937
Ion Ratio Lower Upper
83 100
85 66.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 51.056 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion: 62 Resp: 244772
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.2





#29

Cyclohexane

Concen: 47.286 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

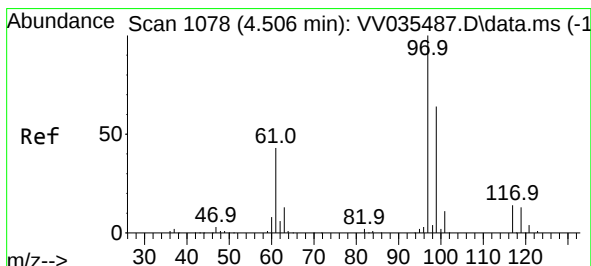
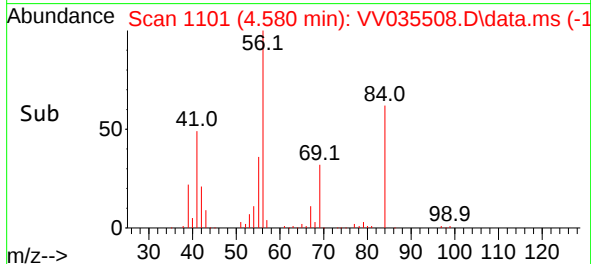
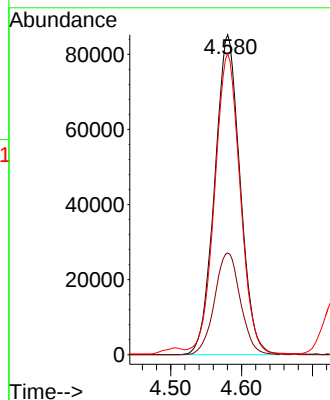
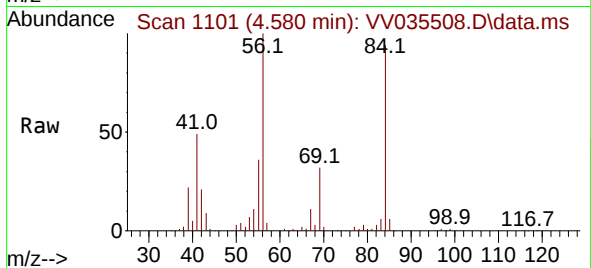
Tgt Ion: 56 Resp: 212514

Ion Ratio Lower Upper

56 100

69 32.2 25.5 38.3

84 94.0 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 48.997 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

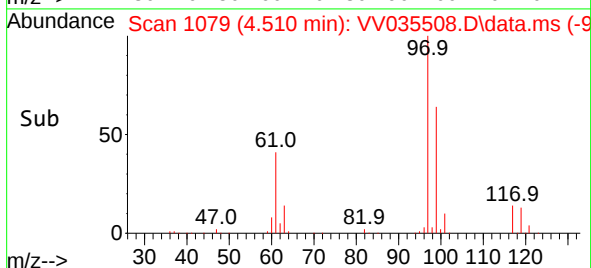
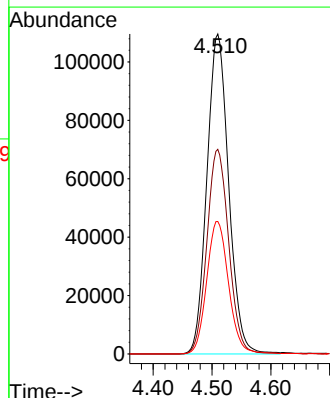
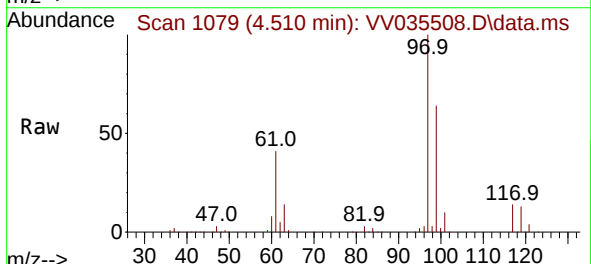
Tgt Ion: 97 Resp: 282255

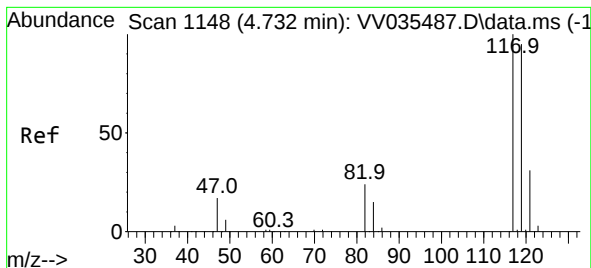
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 41.6 34.1 51.1





#31

Carbon tetrachloride

Concen: 48.542 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

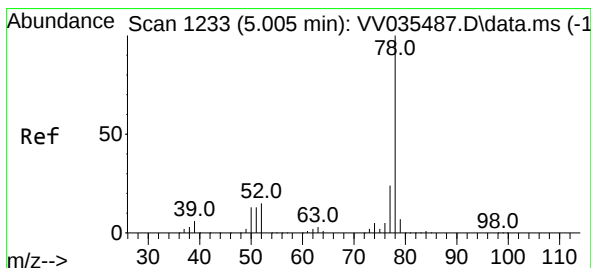
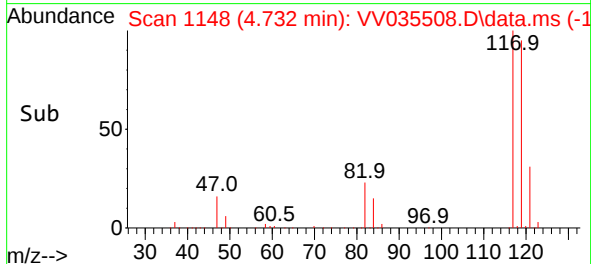
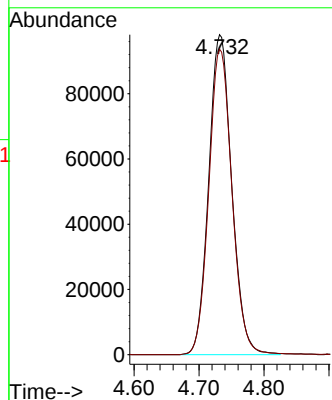
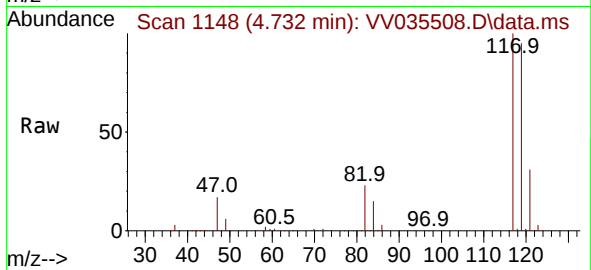
E0813MSD

Tgt Ion:117 Resp: 241782

Ion Ratio Lower Upper

117 100

119 95.9 76.5 114.7



#33

Benzene

Concen: 49.537 ug/L

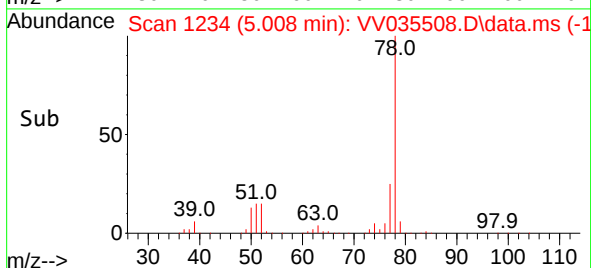
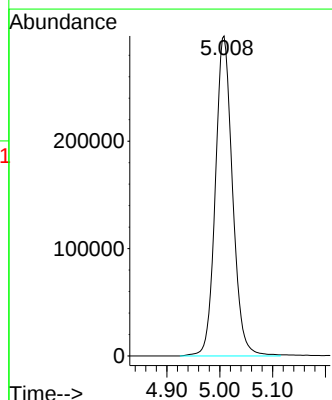
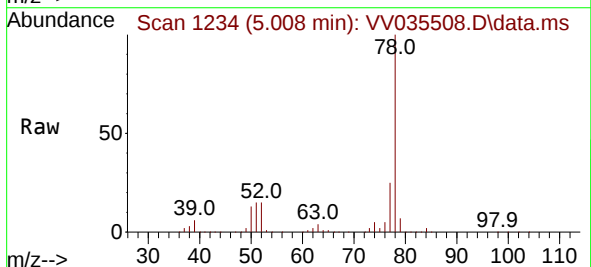
RT: 5.008 min Scan# 1234

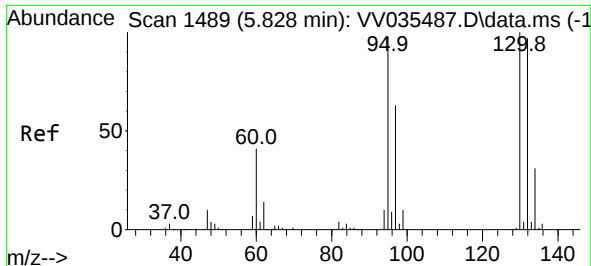
Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Tgt Ion: 78 Resp: 673341





#34

Trichloroethene

Concen: 47.972 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

Tgt Ion: 95 Resp: 173525

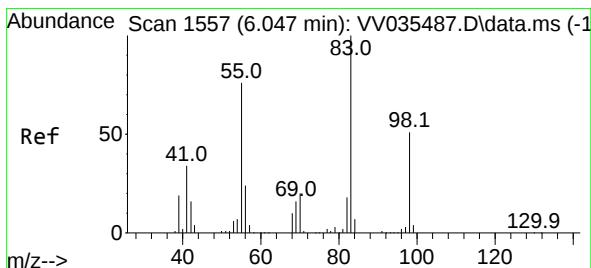
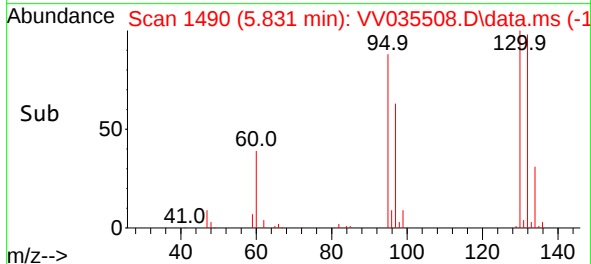
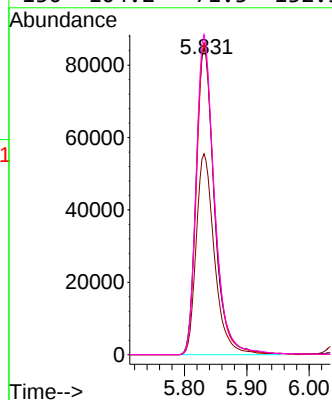
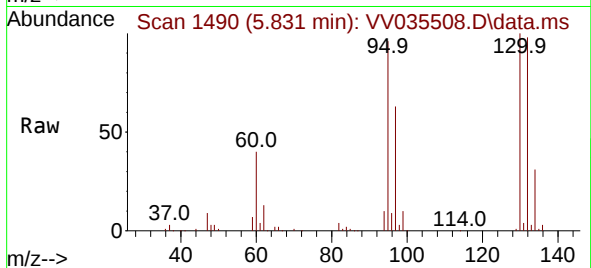
Ion Ratio Lower Upper

95 100

97 65.5 45.1 83.9

132 101.7 69.4 128.8

130 104.2 71.3 132.3



#35

Methylcyclohexane

Concen: 47.589 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

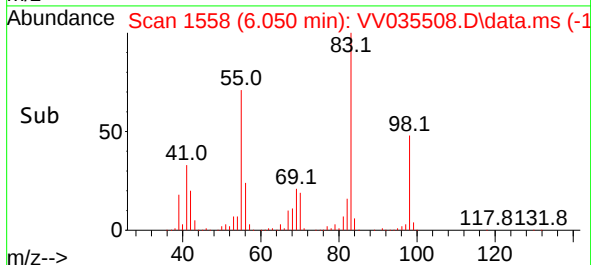
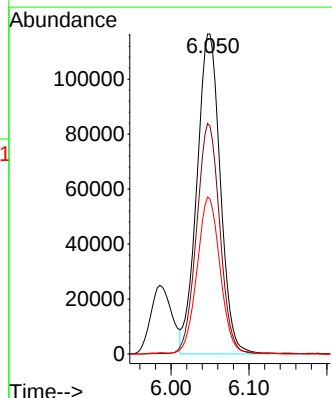
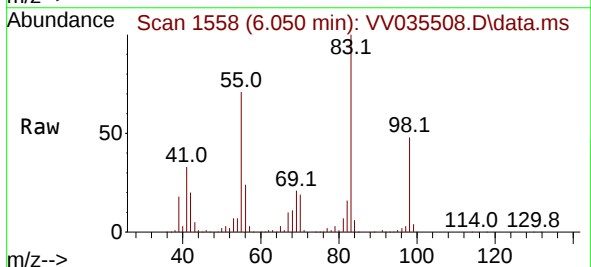
Tgt Ion: 83 Resp: 242836

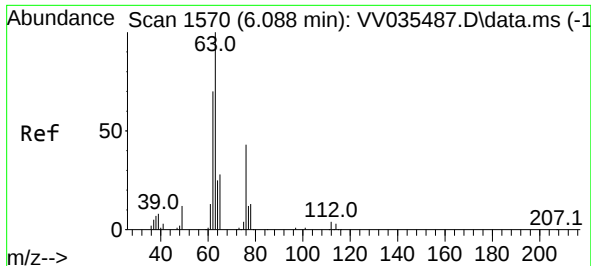
Ion Ratio Lower Upper

83 100

55 71.3 57.5 86.3

98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 50.180 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

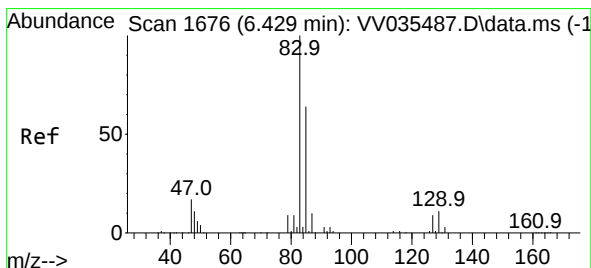
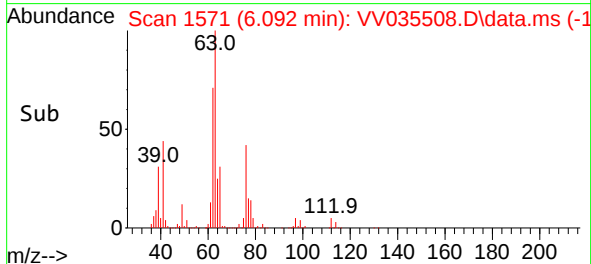
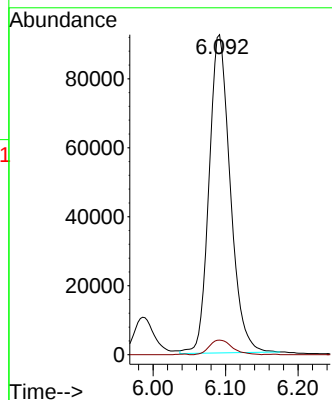
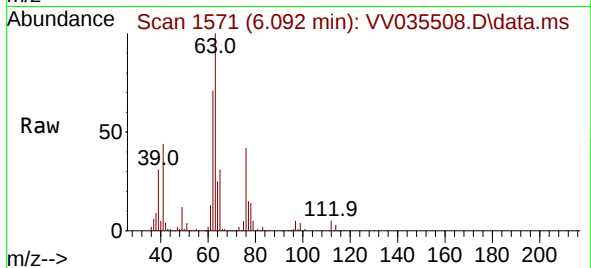
E0813MSD

Tgt Ion: 63 Resp: 187401

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 50.038 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

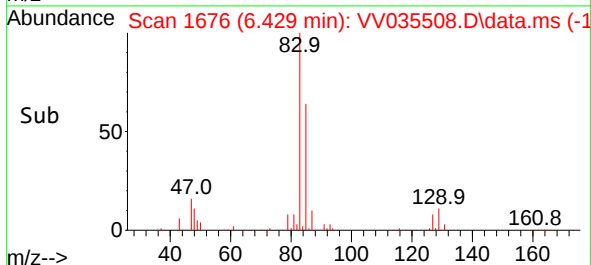
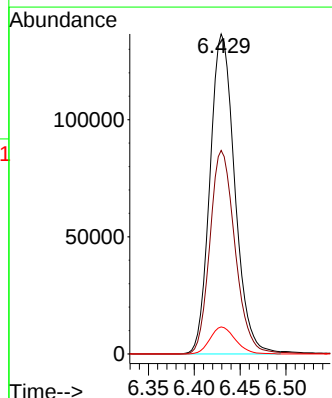
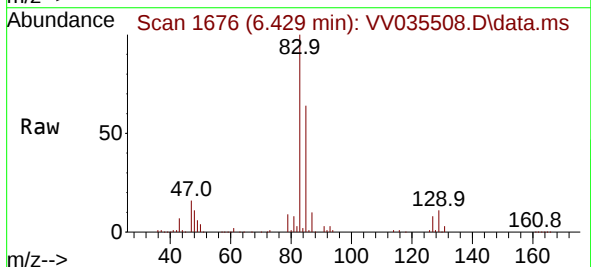
Tgt Ion: 83 Resp: 257094

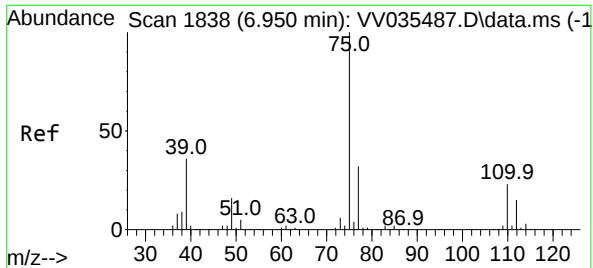
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.9

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 49.007 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

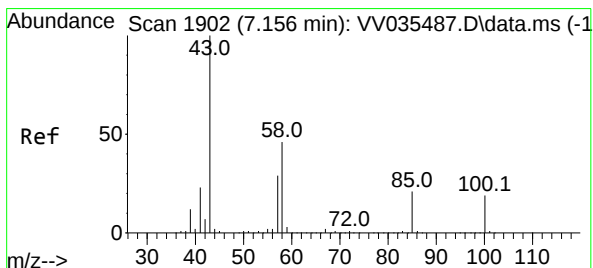
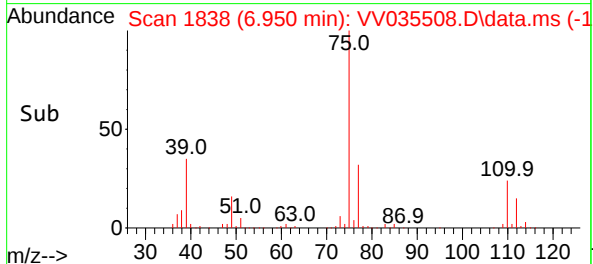
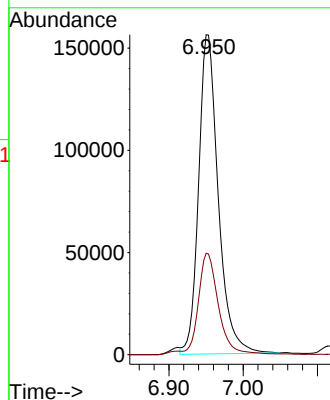
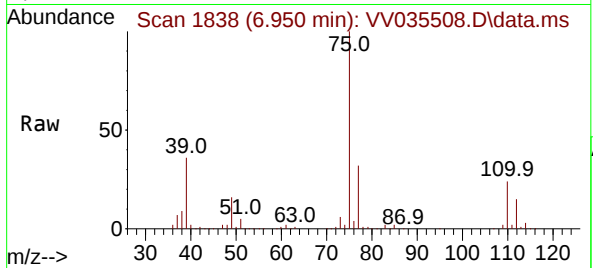
E0813MSD

Tgt Ion: 75 Resp: 287309

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 104.370 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

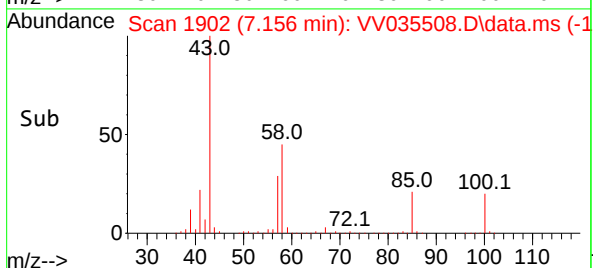
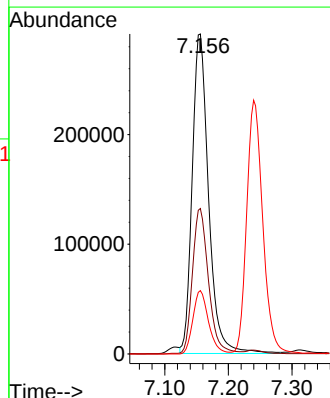
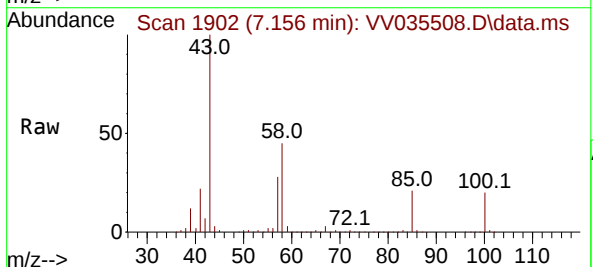
Tgt Ion: 43 Resp: 520300

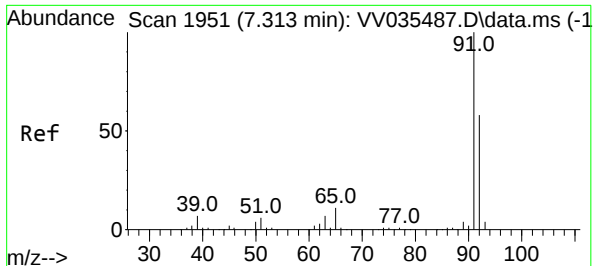
Ion Ratio Lower Upper

43 100

58 44.4 36.1 54.1

100 19.0 15.0 22.4





#42

Toluene

Concen: 50.775 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

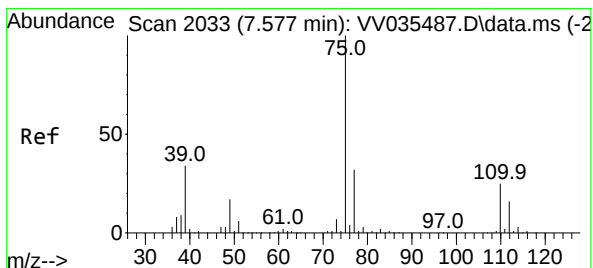
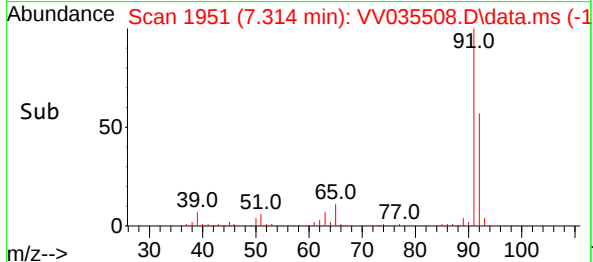
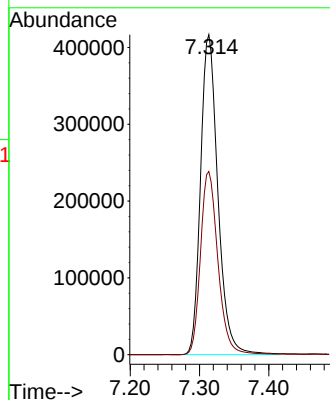
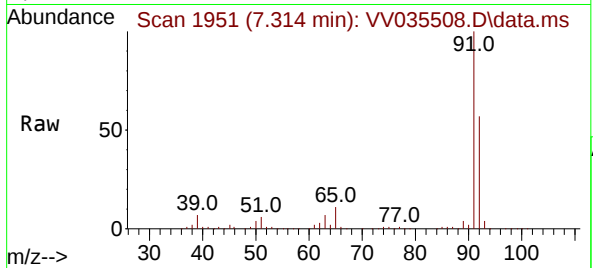
E0813MSD

Tgt Ion: 91 Resp: 724053

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 50.812 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035508.D

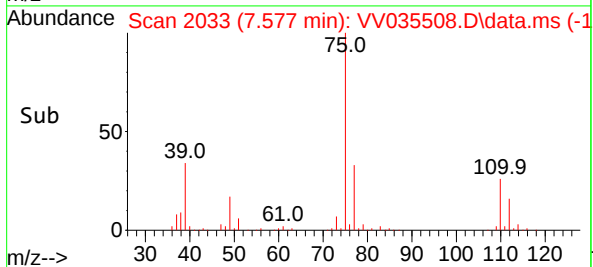
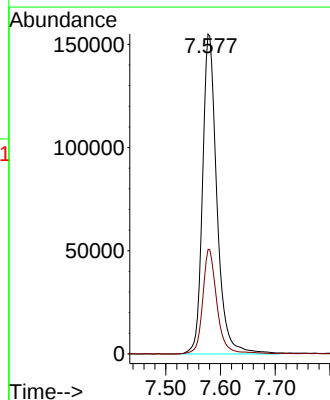
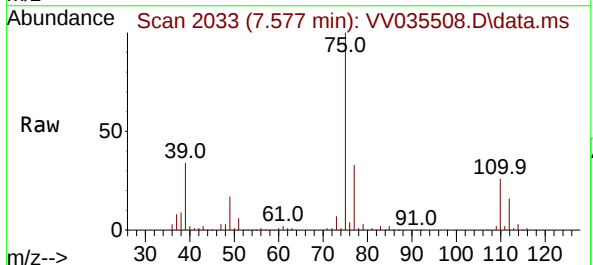
Acq: 01 May 2024 19:47

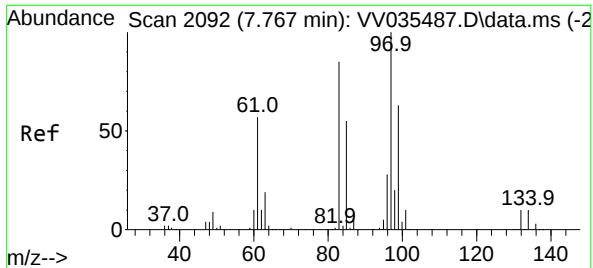
Tgt Ion: 75 Resp: 282952

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6

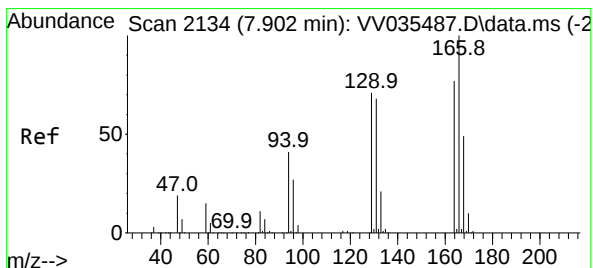
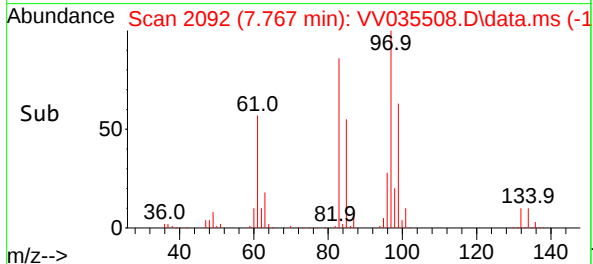
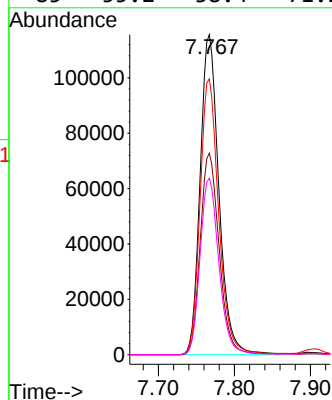
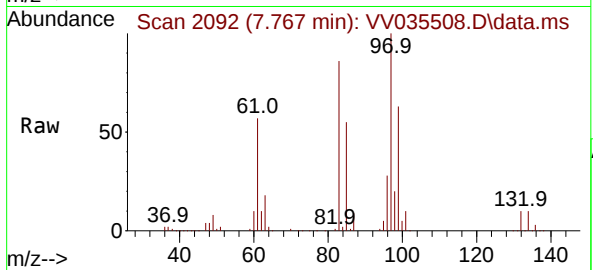




#45
1,1,2-Trichloroethane
Concen: 49.669 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

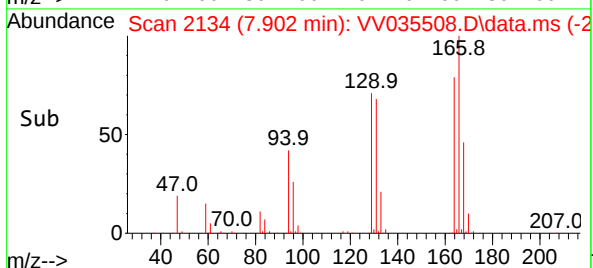
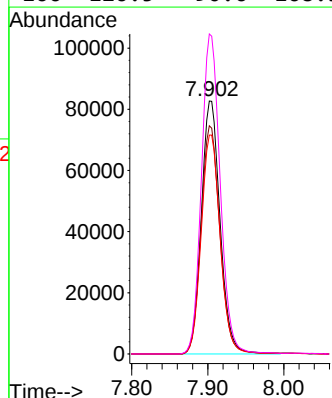
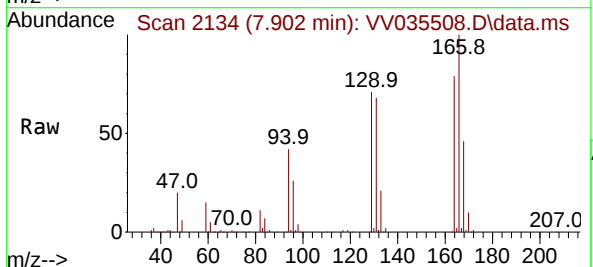
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

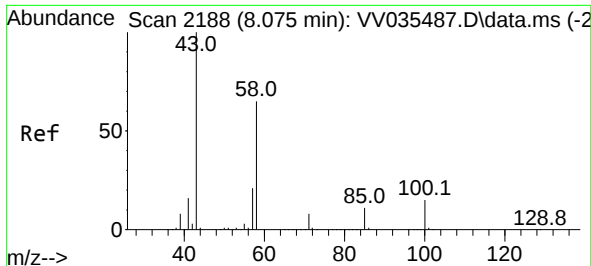
Tgt Ion:	97	Resp:	198384
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.2	82.2
83	86.2	59.3	110.1
85	55.2	38.4	71.2



#46
Tetrachloroethene
Concen: 48.454 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion:	164	Resp:	141561
Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.7	120.1
131	86.5	61.5	114.1
166	126.5	90.6	168.3

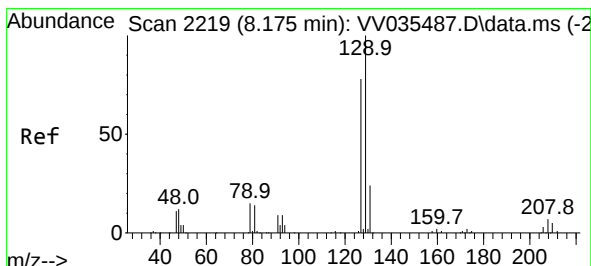
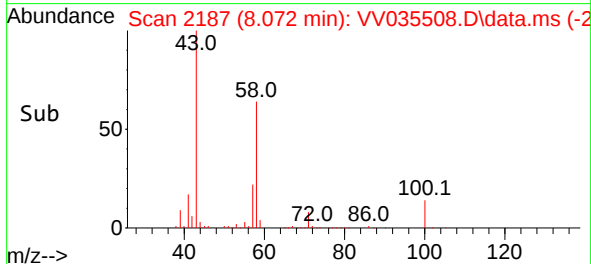
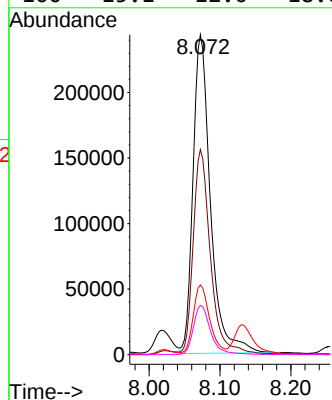
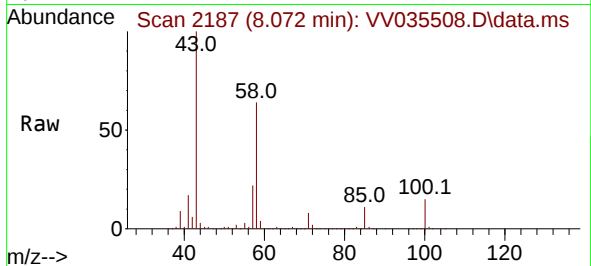




#48
2-Hexanone
Concen: 102.644 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

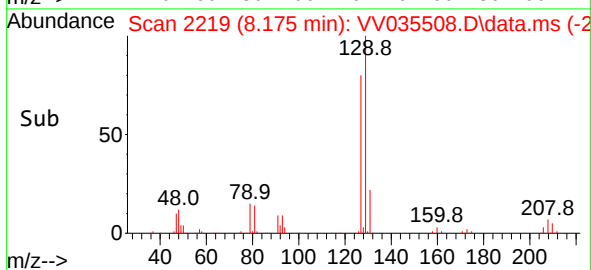
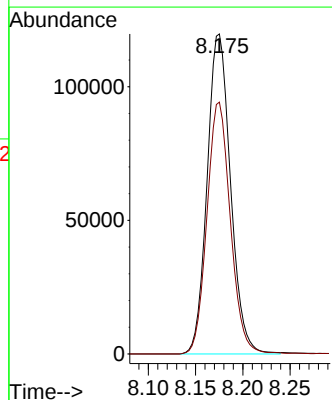
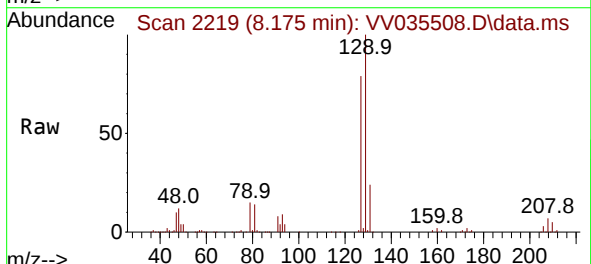
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

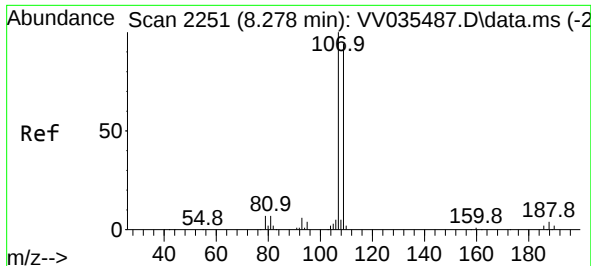
Tgt Ion: 43 Resp: 416337
Ion Ratio Lower Upper
43 100
58 63.1 50.8 76.2
57 20.4 17.6 26.4
100 15.1 12.0 18.0



#49
Dibromochloromethane
Concen: 49.356 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion: 129 Resp: 206356
Ion Ratio Lower Upper
129 100
127 78.7 54.3 100.8





#50

1,2-Dibromoethane

Concen: 50.324 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

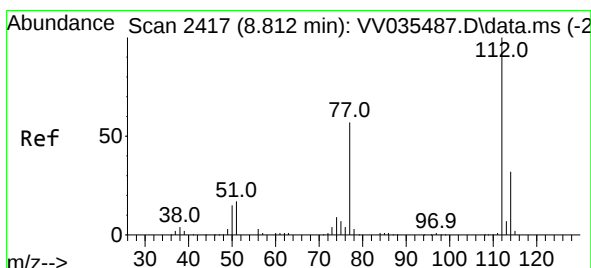
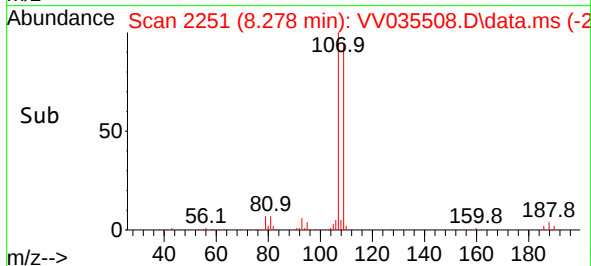
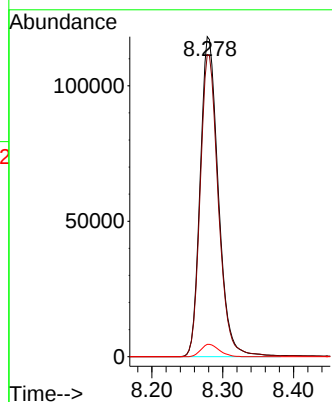
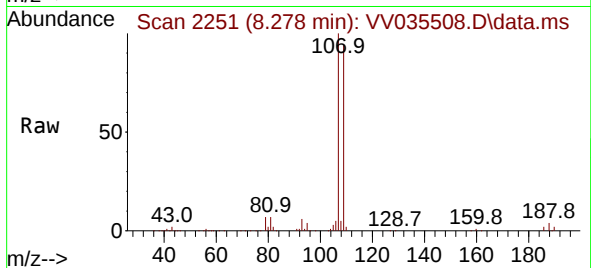
Tgt Ion:107 Resp: 209999

Ion Ratio Lower Upper

107 100

109 94.4 65.7 122.1

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 49.507 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

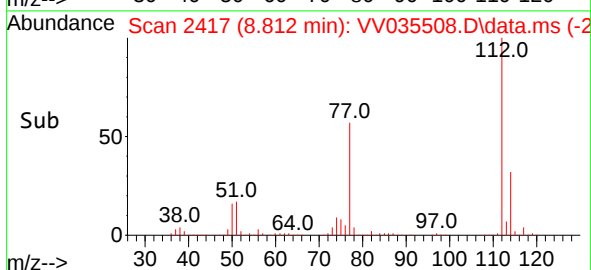
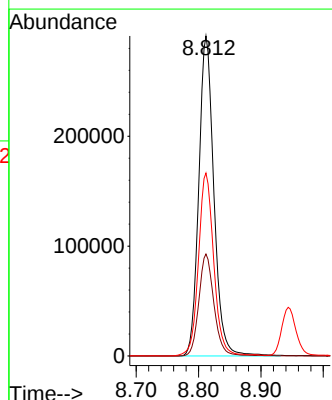
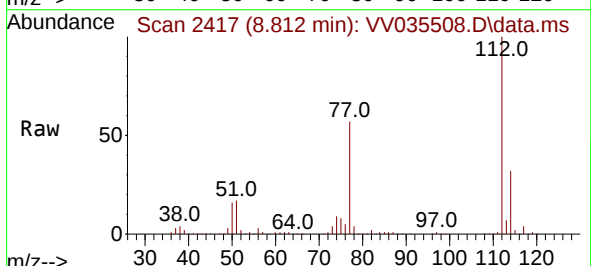
Tgt Ion:112 Resp: 490080

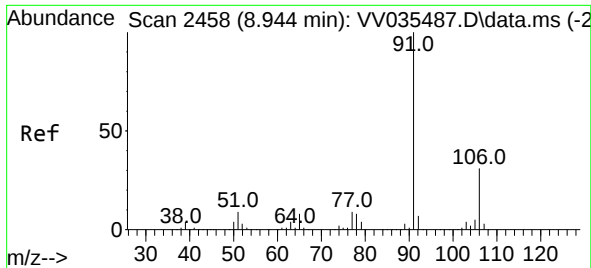
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 57.2 45.9 68.9

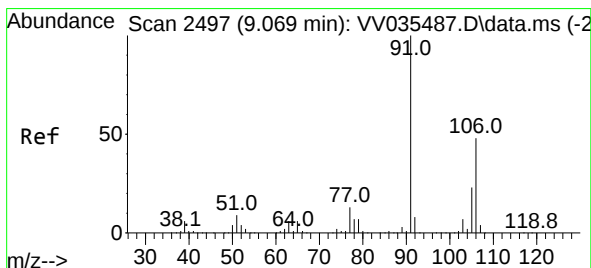
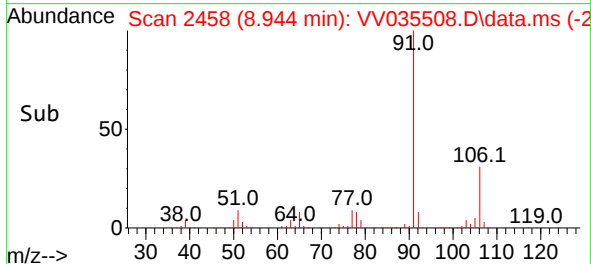
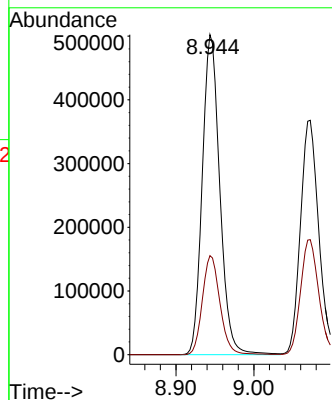
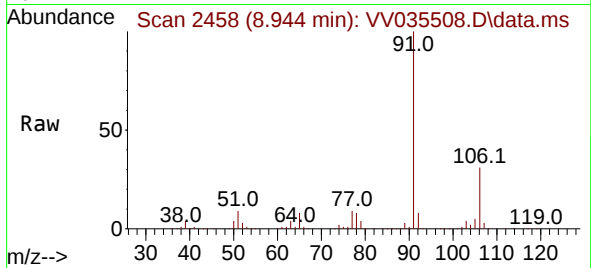




#52
Ethylbenzene
Concen: 50.966 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

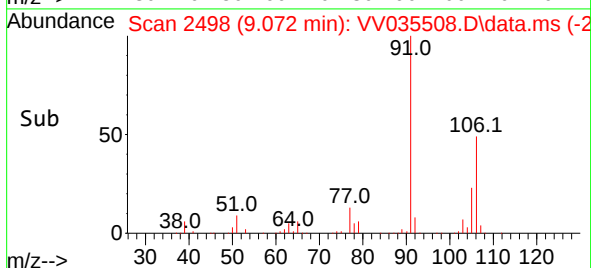
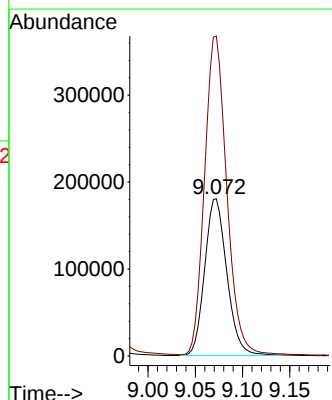
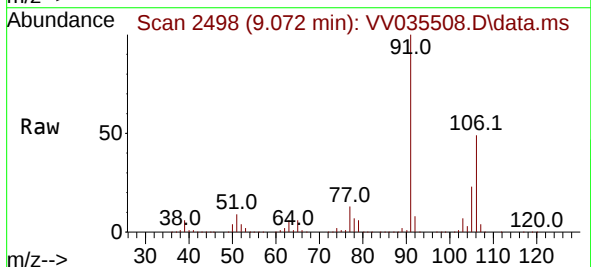
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

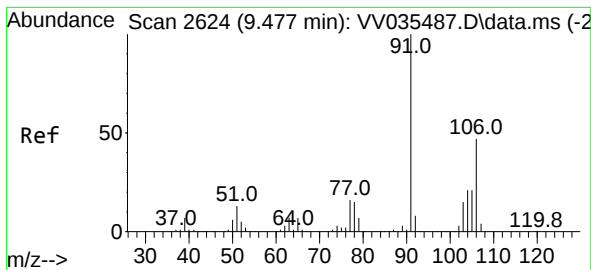
Tgt Ion: 91 Resp: 785168
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 51.400 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion: 106 Resp: 293755
Ion Ratio Lower Upper
106 100
91 203.7 144.8 268.8





#54

o-Xylene

Concen: 50.692 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

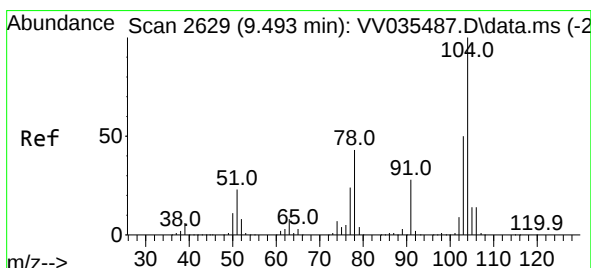
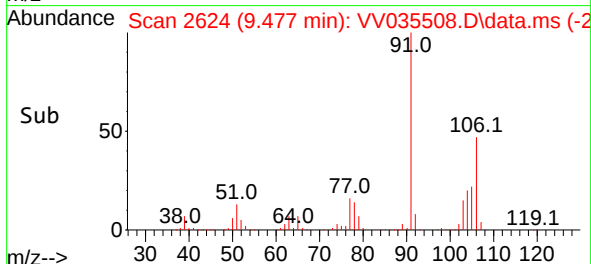
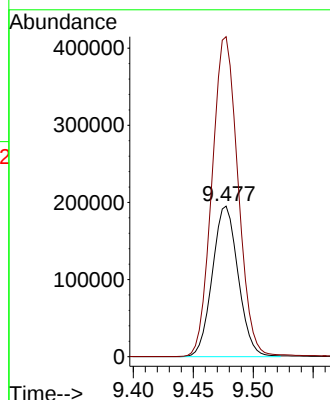
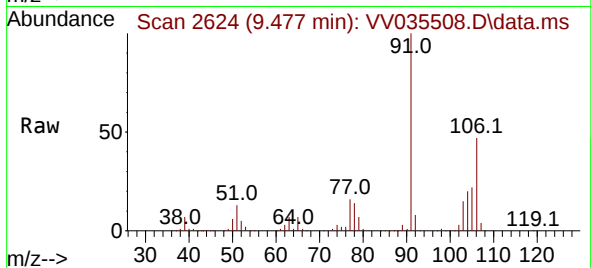
E0813MSD

Tgt Ion:106 Resp: 291930

Ion Ratio Lower Upper

106 100

91 212.6 149.9 278.3



#55

Styrene

Concen: 54.003 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035508.D

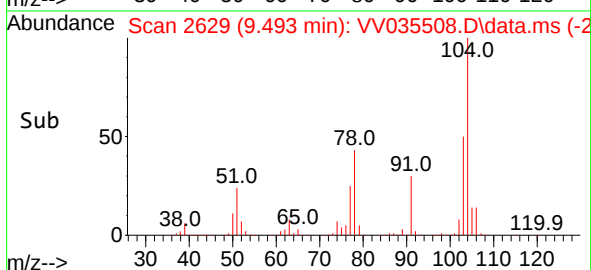
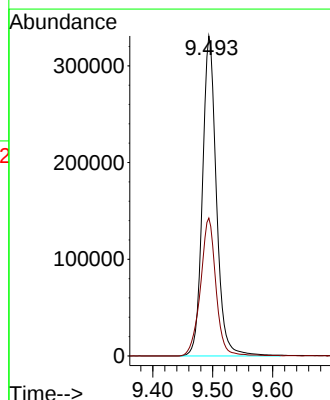
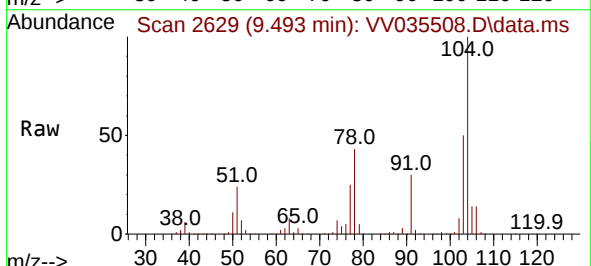
Acq: 01 May 2024 19:47

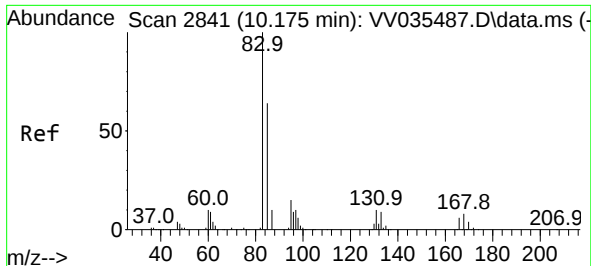
Tgt Ion:104 Resp: 537497

Ion Ratio Lower Upper

104 100

78 43.1 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 49.566 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

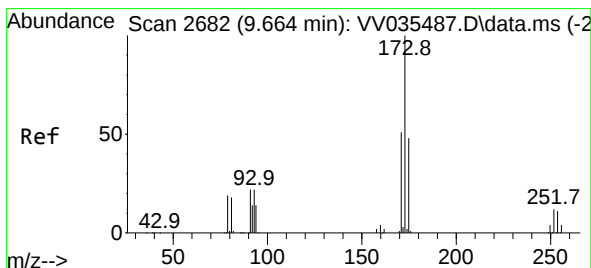
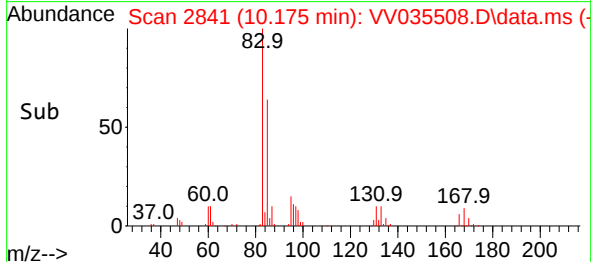
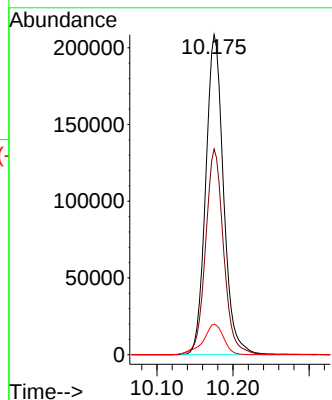
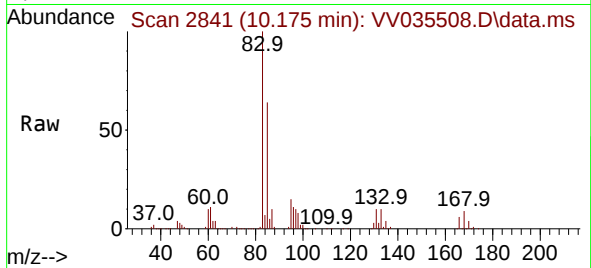
Tgt Ion: 83 Resp: 338733

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

131 9.6 8.1 12.1



#59

Bromoform

Concen: 49.750 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

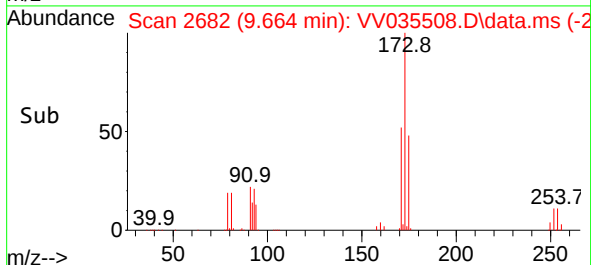
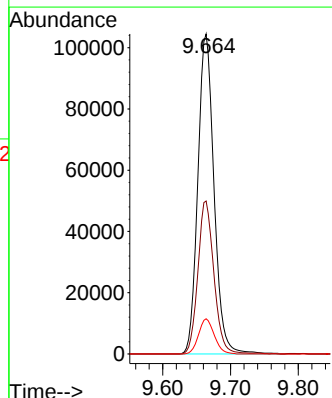
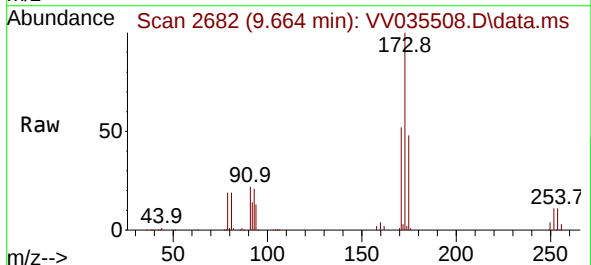
Tgt Ion: 173 Resp: 173071

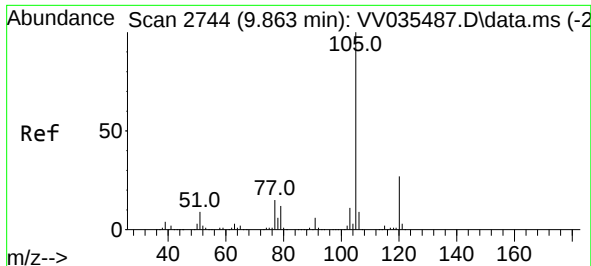
Ion Ratio Lower Upper

173 100

175 47.2 39.0 58.6

254 10.7 8.5 12.7

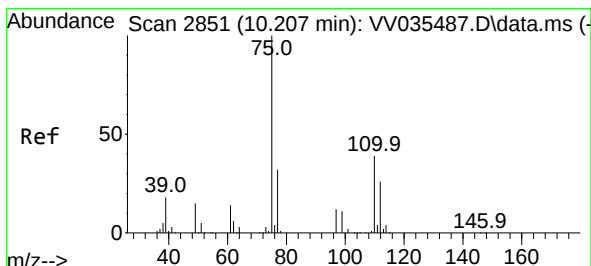
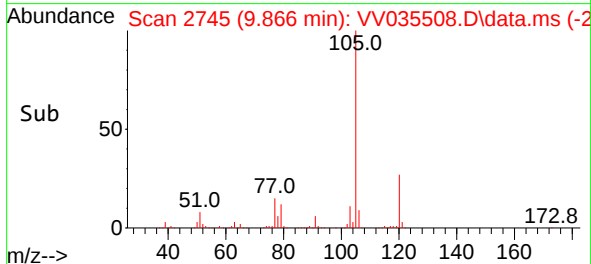
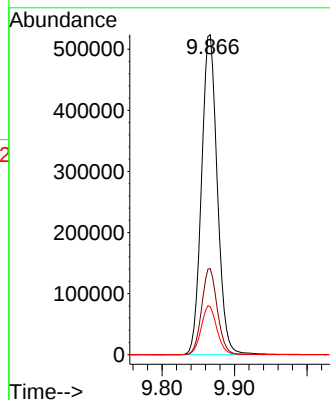
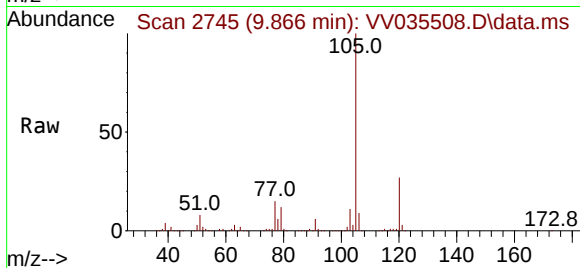




#60
Isopropylbenzene
Concen: 51.014 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

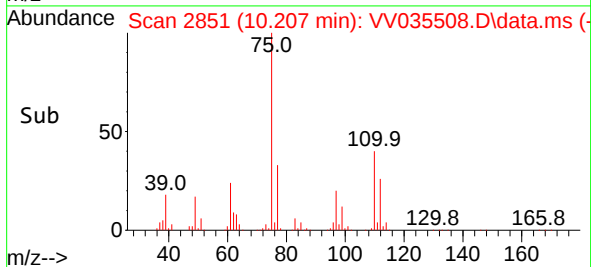
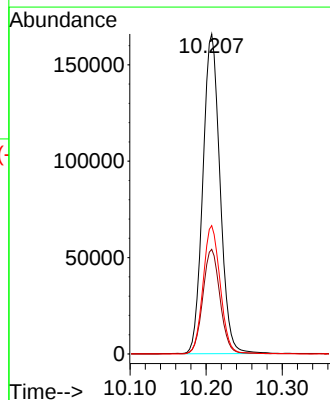
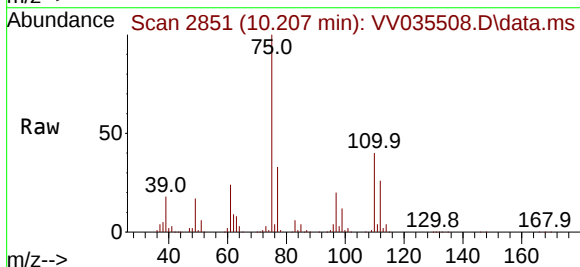
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

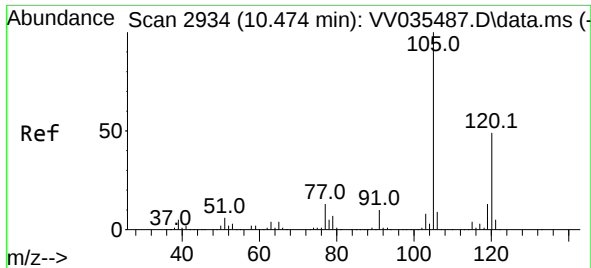
Tgt Ion:105 Resp: 792333
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 48.192 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion: 75 Resp: 260036
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 40.2 31.6 47.4

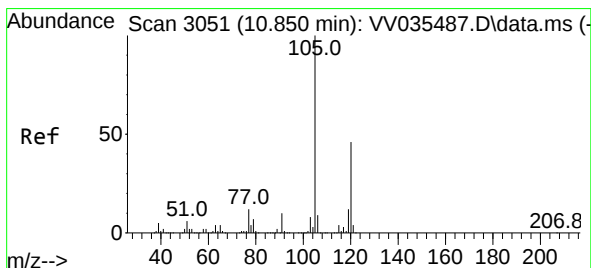
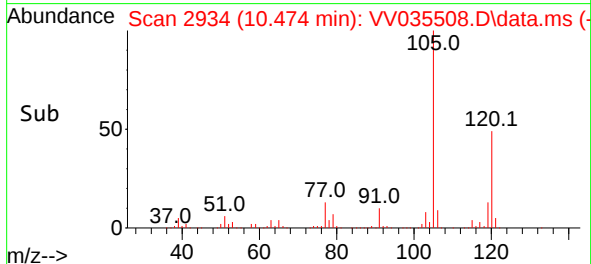
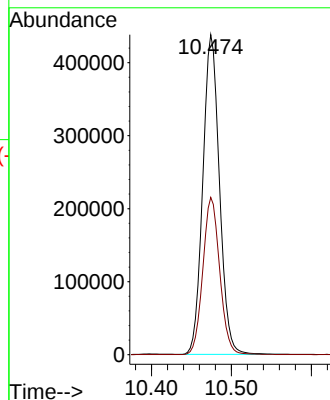
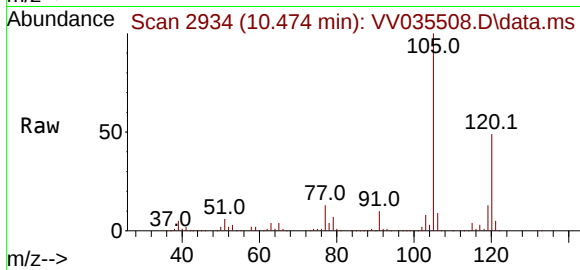




#62
1,3,5-Trimethylbenzene
Concen: 51.153 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

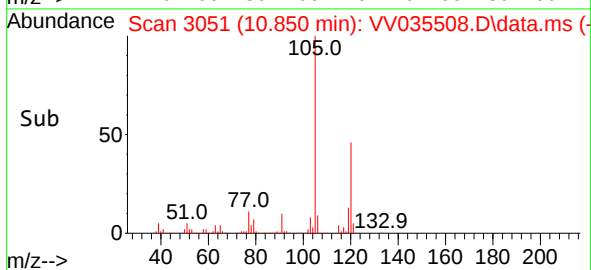
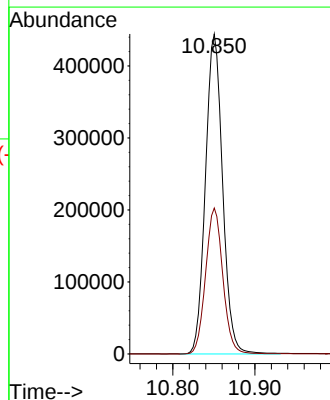
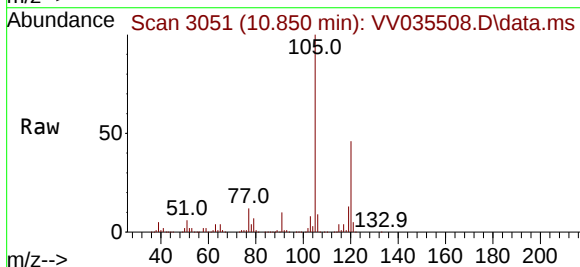
Instrument :
MSVOA_V
ClientSampleId :
E0813MSD

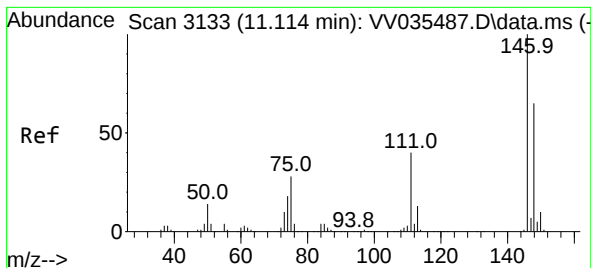
Tgt Ion:105 Resp: 635860
Ion Ratio Lower Upper
105 100
120 49.7 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 51.817 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035508.D
Acq: 01 May 2024 19:47

Tgt Ion:105 Resp: 645869
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 49.639 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

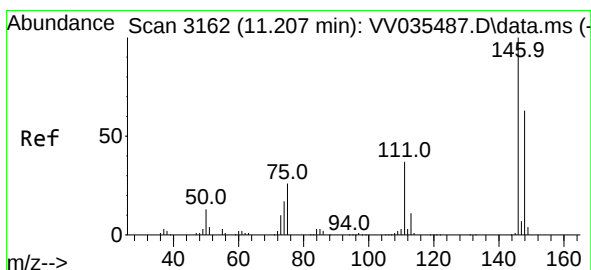
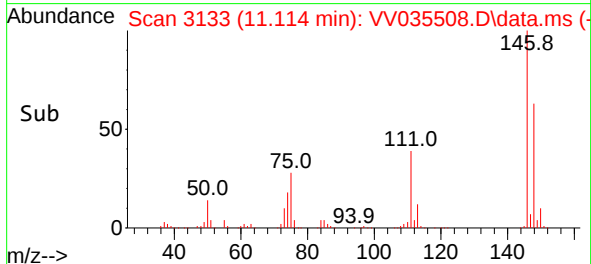
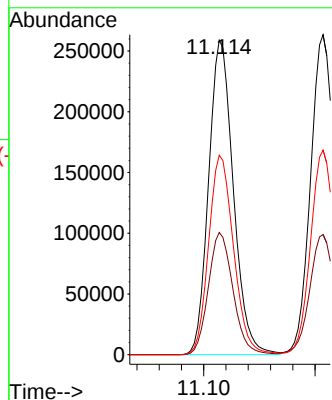
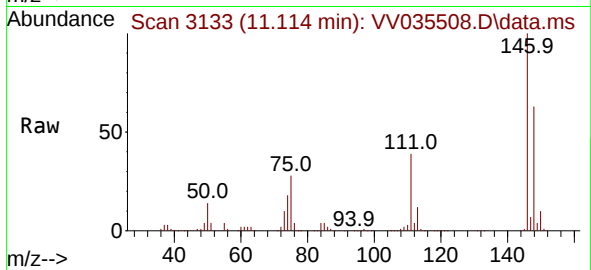
Tgt Ion:146 Resp: 399228

Ion Ratio Lower Upper

146 100

111 38.8 27.9 51.7

148 63.4 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 48.605 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

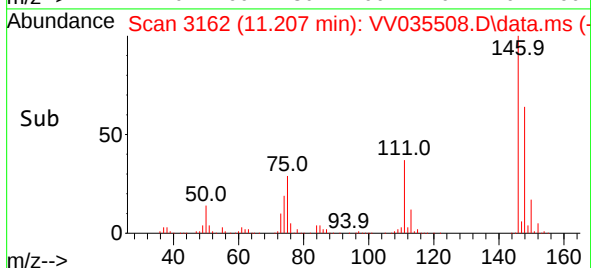
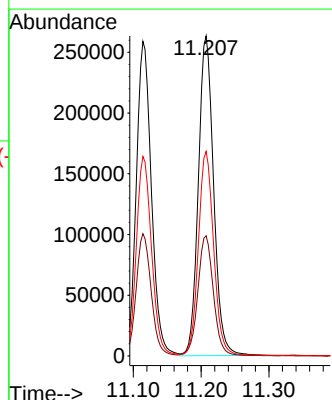
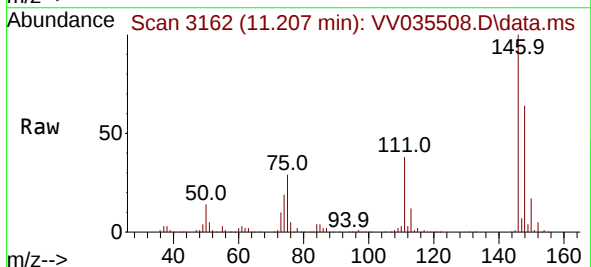
Tgt Ion:146 Resp: 412486

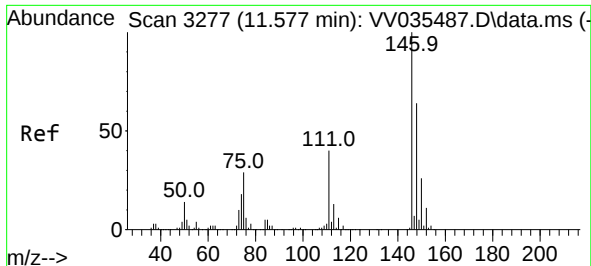
Ion Ratio Lower Upper

146 100

111 37.6 26.4 49.0

148 63.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 48.816 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

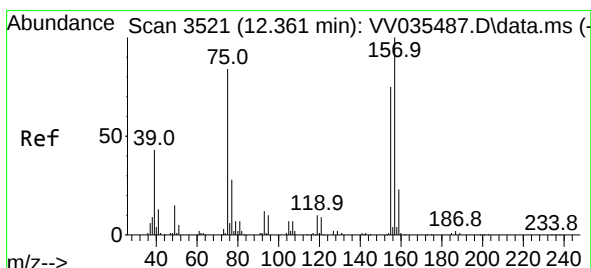
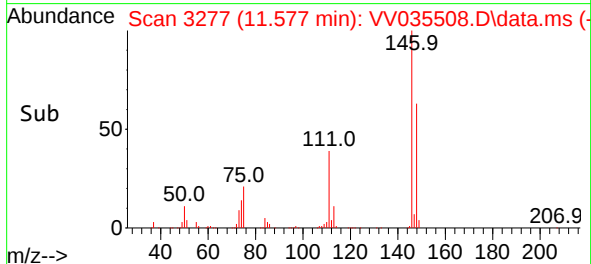
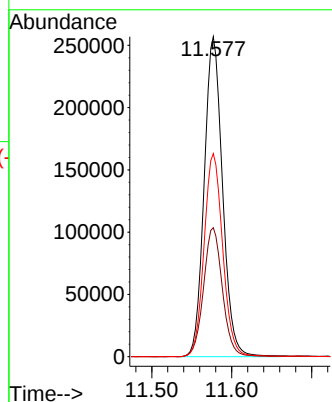
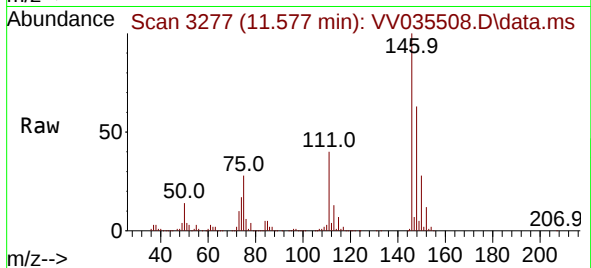
Tgt Ion:146 Resp: 410762

Ion Ratio Lower Upper

146 100

111 40.3 32.1 48.1

148 63.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.988 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

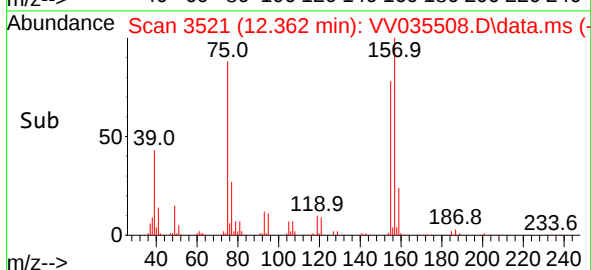
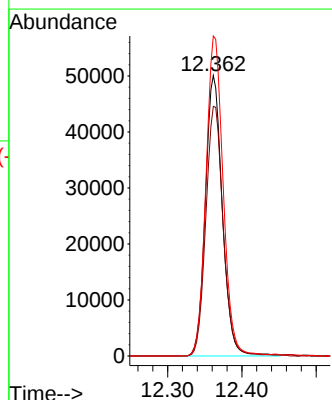
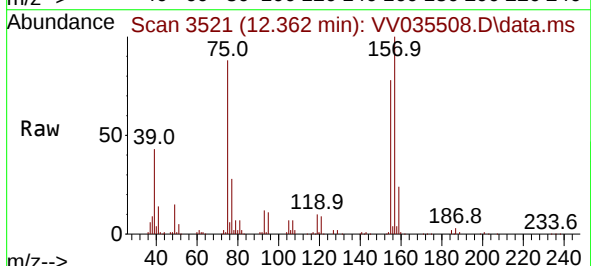
Tgt Ion: 75 Resp: 79436

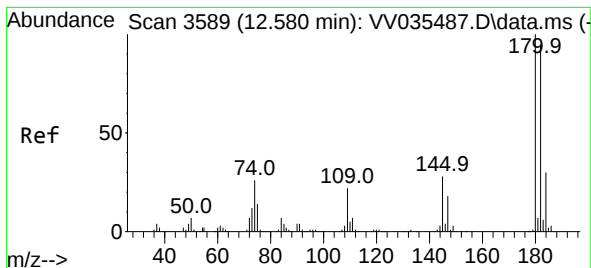
Ion Ratio Lower Upper

75 100

155 89.0 71.4 107.2

157 114.1 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 49.294 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

Tgt Ion:180 Resp: 300922

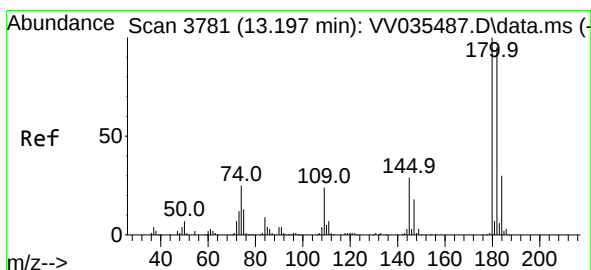
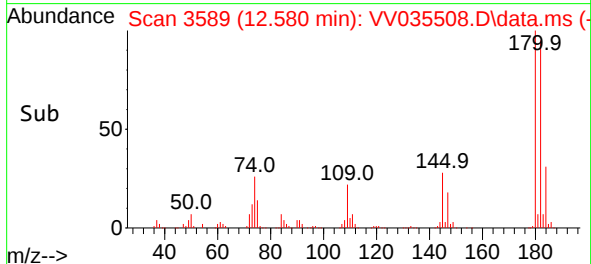
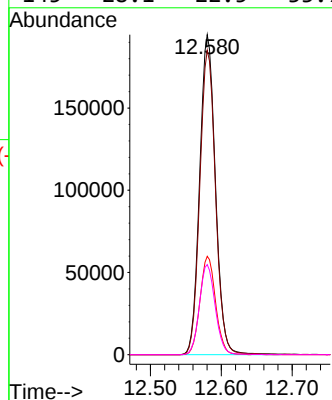
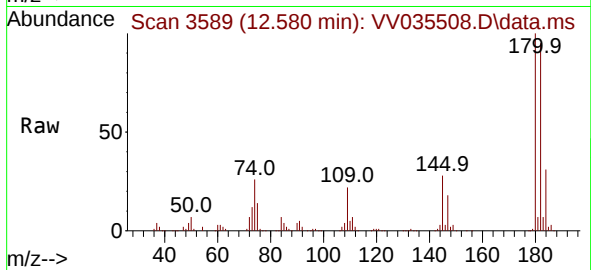
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

184 30.4 24.1 36.1

145 28.1 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 50.567 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

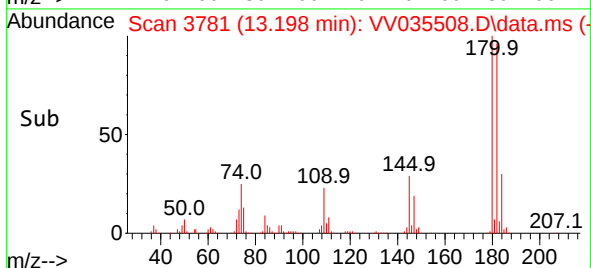
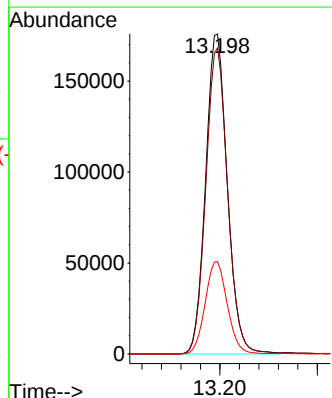
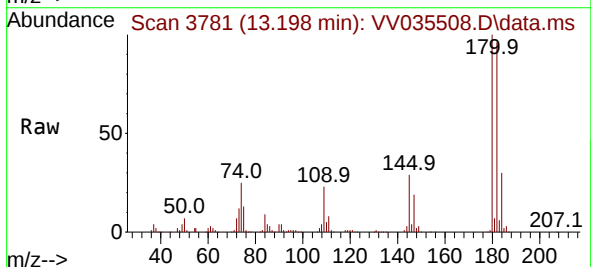
Tgt Ion:180 Resp: 271940

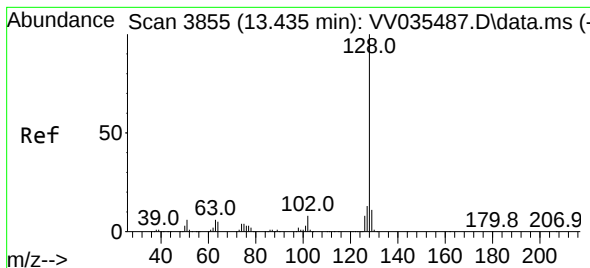
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 29.4 23.0 34.4





#71

Naphthalene

Concen: 56.190 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

E0813MSD

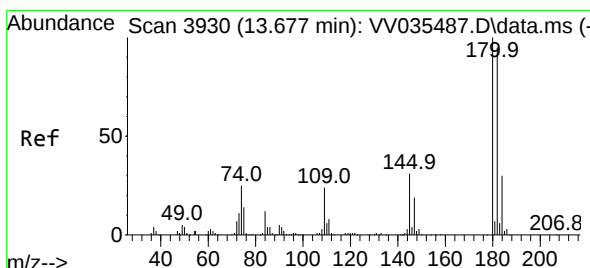
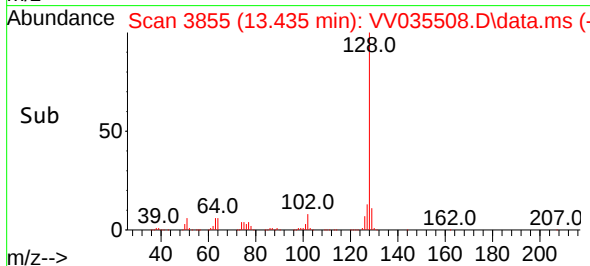
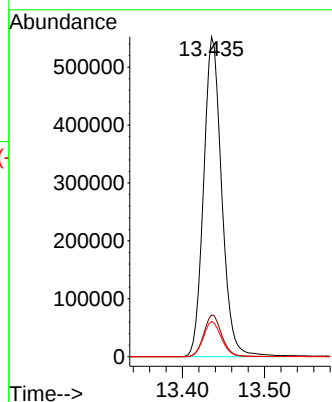
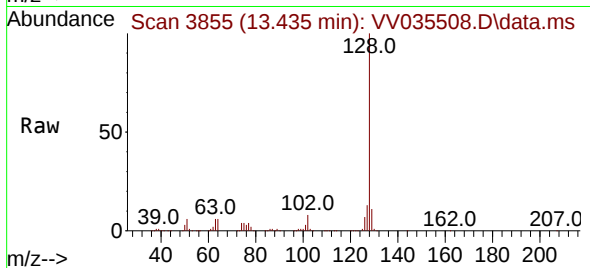
Tgt Ion:128 Resp: 846922

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.794 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035508.D

Acq: 01 May 2024 19:47

Tgt Ion:180 Resp: 300285

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 30.7 24.9 37.3

