

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032724\
 Data File : VW034874.D
 Acq On : 27 Mar 2024 18:52
 Operator : SY/MD
 Sample : P1856-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:58:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326780	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	328140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176314	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84680	26.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.660%#
7) Chloroethane-d5	1.523	69	56821	20.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.460%#
11) 1,1-Dichloroethene-d2	2.053	65	42186	30.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.980%
21) 2-Butanone-d5	3.789	46	187073	99.949	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.950%
24) Chloroform-d	4.246	84	225673	42.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
26) 1,2-Dichloroethane-d4	4.937	65	145777	43.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.540%
32) Benzene-d6	4.957	84	406548	36.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.760%
36) 1,2-Dichloropropane-d6	5.986	67	139838	39.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.900%
41) Toluene-d8	7.239	98	354096	35.671	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.340%#
43) trans-1,3-Dichloroprop...	7.551	79	68950	40.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.040%
47) 2-Hexanone-d5	8.027	63	138267	104.483	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	235424	48.843	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	11.561	152	156619	39.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	92326	38.982	ug/L	98
3) Chloromethane	1.214	50	134269	44.098	ug/L	100
5) Vinyl chloride	1.282	62	136516	42.768	ug/L	98
6) Bromomethane	1.481	94	87965	36.764	ug/L	99
8) Chloroethane	1.539	64	59519	27.302	ug/L	96
9) Trichlorofluoromethane	1.703	101	190677	45.513	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	111639	43.537	ug/L	99
12) 1,1-Dichloroethene	2.063	96	113991	46.480	ug/L	85
13) Acetone	2.121	43	150245	87.435	ug/L	98
14) Carbon disulfide	2.236	76	280463	40.609	ug/L	99
15) Methyl Acetate	2.375	43	136745	50.499	ug/L	96
16) Methylene chloride	2.442	84	138023	51.940	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	113582	47.903	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	431493	51.810	ug/L	100
19) 1,1-Dichloroethane	3.108	63	246257	50.645	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	138902	51.588	ug/L	96
22) 2-Butanone	3.873	43	177965	89.252	ug/L	97
23) Bromochloromethane	4.143	128	72346	53.704	ug/L	93
25) Chloroform	4.272	83	252888	52.604	ug/L	96

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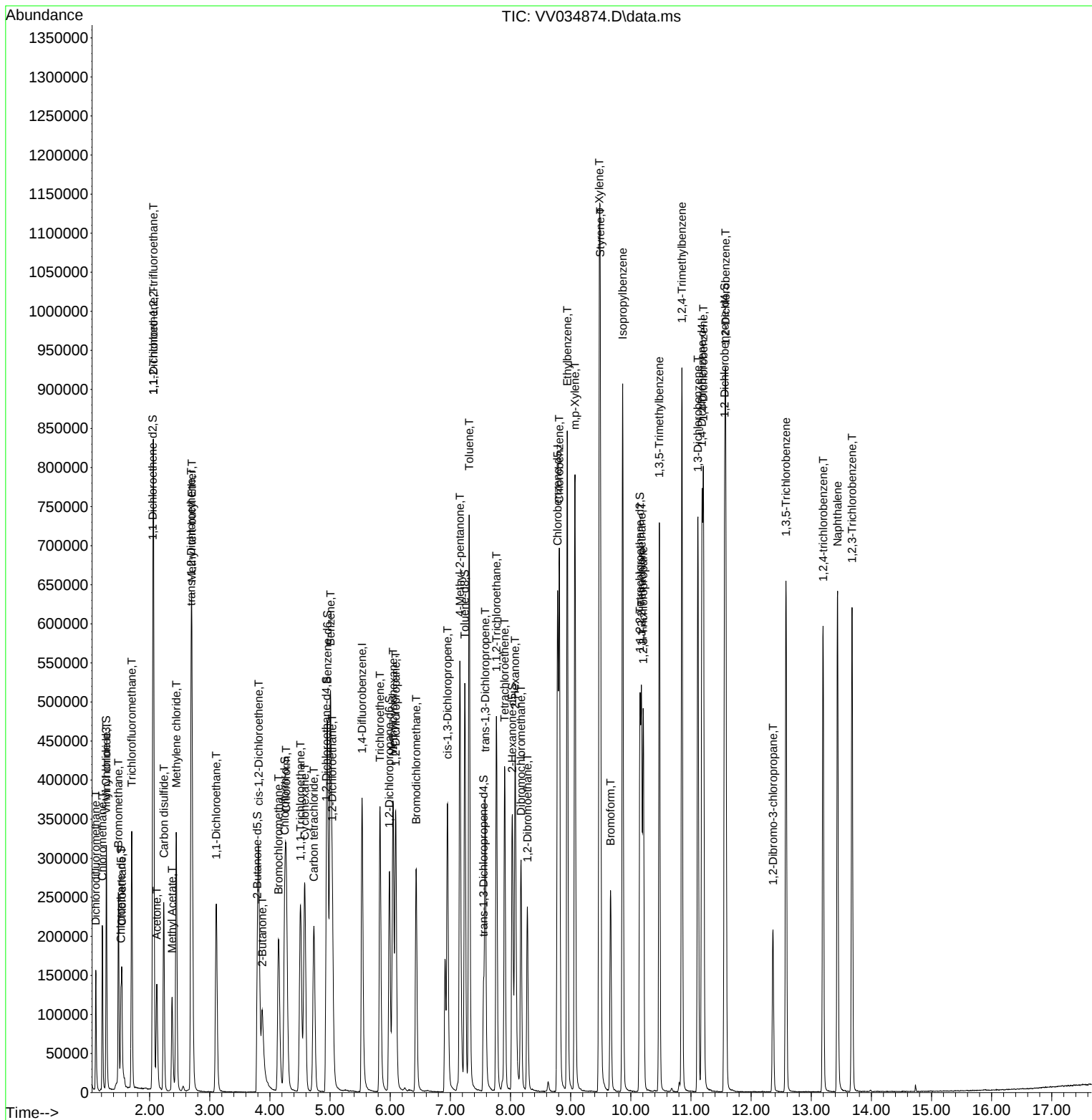
Instrument :
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 ClientSampleId :

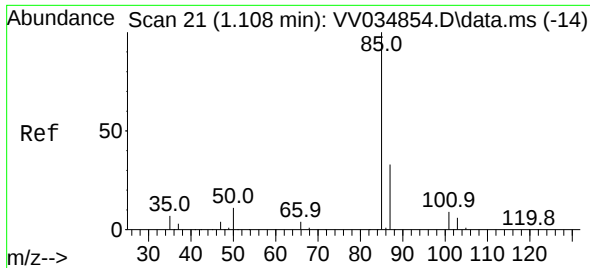
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	200630	52.417	ug/L	99
29) Cyclohexane	4.580	56	147524	35.895	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	195616	45.733	ug/L	99
31) Carbon tetrachloride	4.732	117	161258	44.480	ug/L	98
33) Benzene	5.008	78	515787	48.204	ug/L	100
34) Trichloroethene	5.831	95	129819	44.955	ug/L	98
35) Methylcyclohexane	6.047	83	163082	37.394	ug/L	97
37) 1,2-Dichloropropane	6.092	63	144004	48.699	ug/L	99
38) Bromodichloromethane	6.432	83	192924	50.566	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	232529	49.918	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	390240	103.363	ug/L	99
42) Toluene	7.313	91	541887	48.373	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	218960	51.164	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	146951	52.725	ug/L	98
46) Tetrachloroethene	7.902	164	90003	44.612	ug/L	98
48) 2-Hexanone	8.079	43	300923	93.715	ug/L	95
49) Dibromochloromethane	8.175	129	146307	53.001	ug/L	100
50) 1,2-Dibromoethane	8.281	107	155720	51.895	ug/L	98
51) Chlorobenzene	8.812	112	356179	49.057	ug/L	99
52) Ethylbenzene	8.944	91	590012	47.522	ug/L	99
53) m,p-Xylene	9.072	106	221891	48.531	ug/L	97
54) o-Xylene	9.477	106	220247	48.685	ug/L	99
55) Styrene	9.493	104	393425	51.463	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	245797	54.431	ug/L	99
59) Bromoform	9.664	173	111784	55.325	ug/L	99
60) Isopropylbenzene	9.866	105	562891	44.285	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	192424	50.365	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	377102	45.682	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	479306	46.962	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	282234	47.514	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	288787	47.808	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	289994	49.008	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	50779	48.242	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	195397	45.643	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	174284	44.320	ug/L	99
71) Naphthalene	13.439	128	489746	44.890	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	181364	46.789	ug/L	98

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

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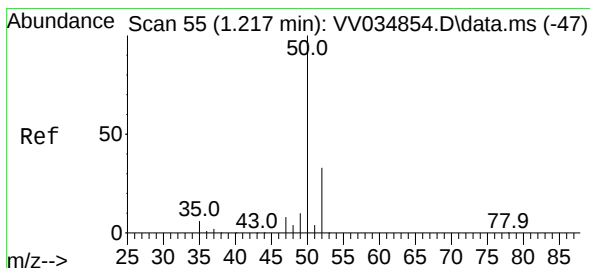
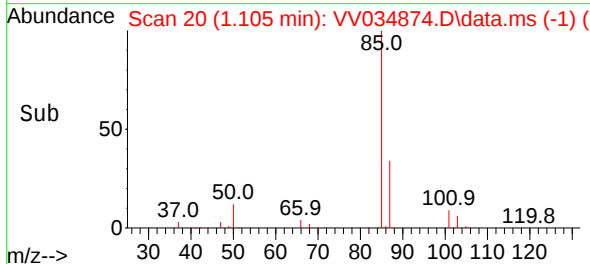
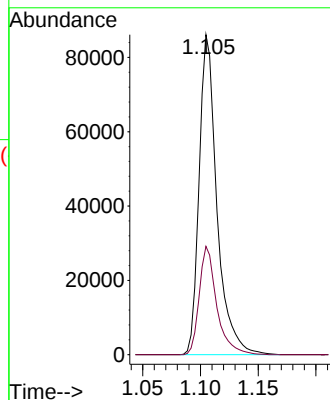
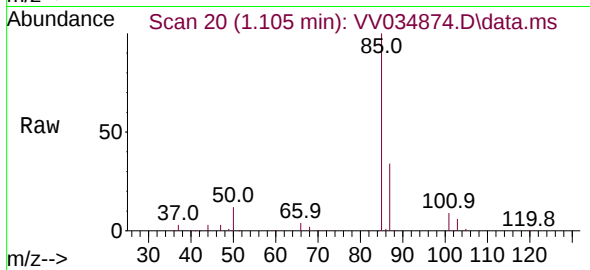




#2
Dichlorodifluoromethane
Concen: 38.982 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

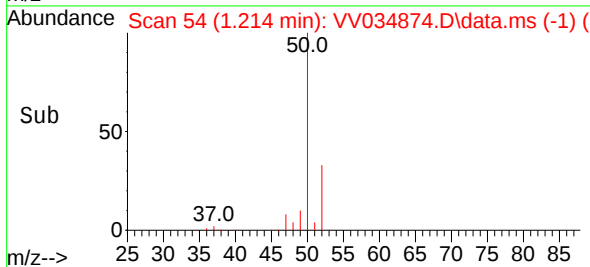
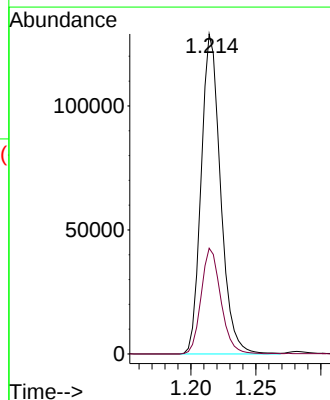
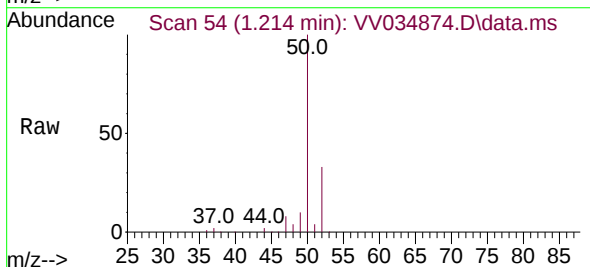
Instrument :
MSVOA_V
ClientSampleId :

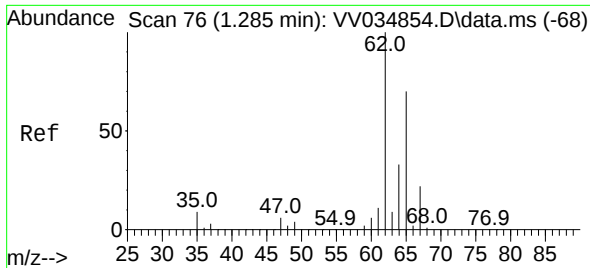
Tgt Ion: 85 Resp: 92326
Ion Ratio Lower Upper
85 100
87 33.3 25.7 38.5



#3
Chloromethane
Concen: 44.098 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion: 50 Resp: 134269
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8

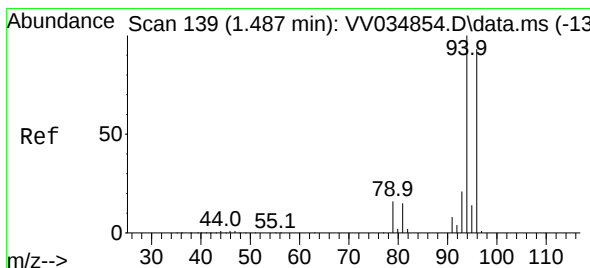
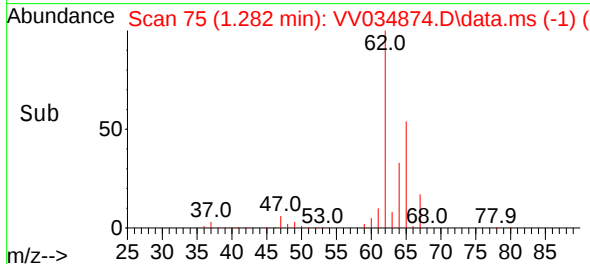
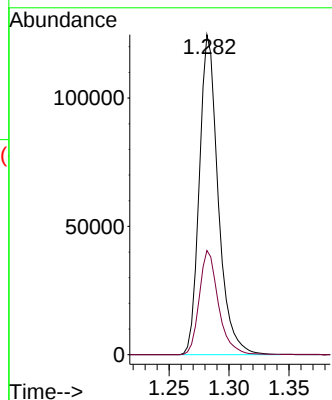
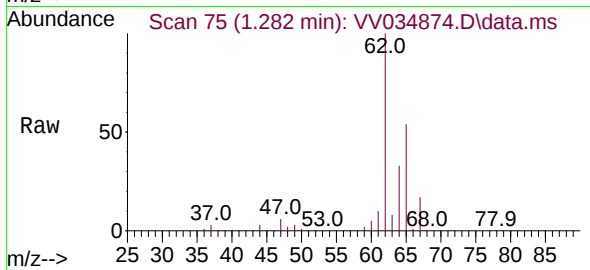




#5
 Vinyl chloride
 Concen: 42.768 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034874.D
 Acq: 27 Mar 2024 18:52

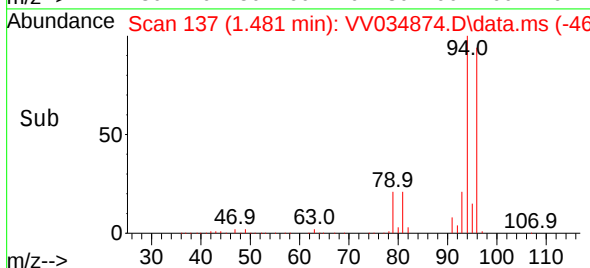
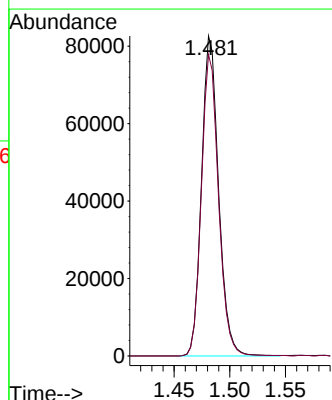
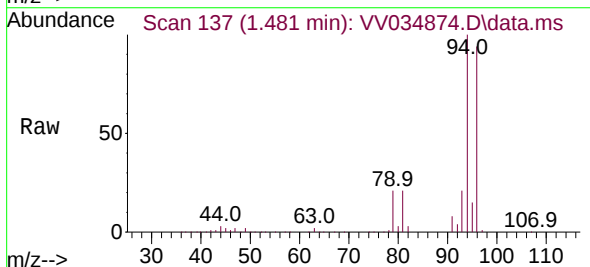
Instrument :
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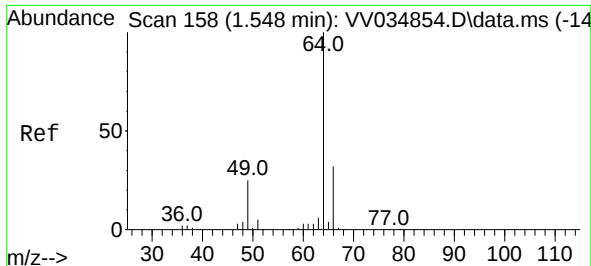
Tgt Ion: 62 Resp: 136516
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.6 43.8



#6
 Bromomethane
 Concen: 36.764 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VV034874.D
 Acq: 27 Mar 2024 18:52

Tgt Ion: 94 Resp: 87965
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.3 123.1

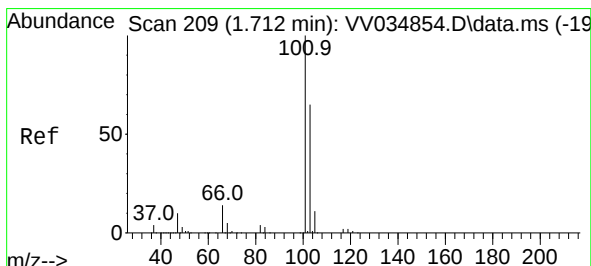
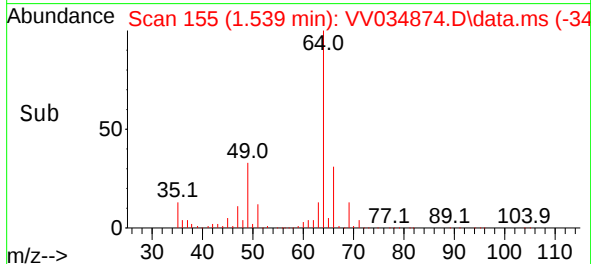
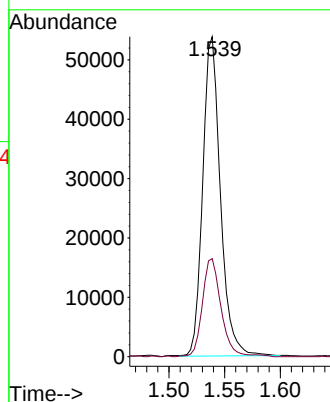
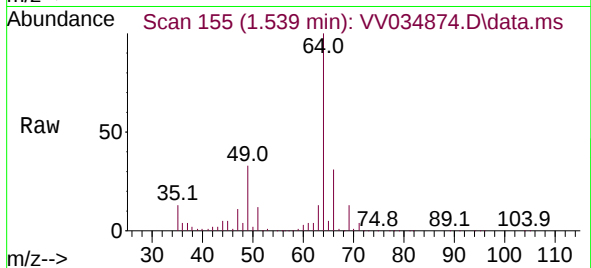




#8
Chloroethane
Concen: 27.302 ug/L
RT: 1.539 min Scan# 158
Delta R.T. -0.010 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

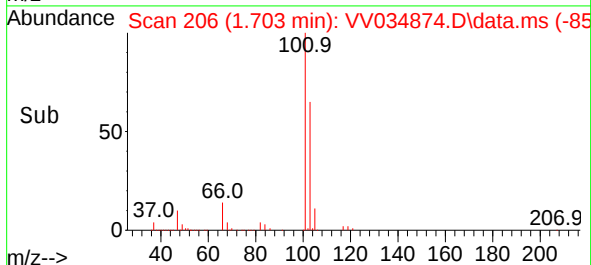
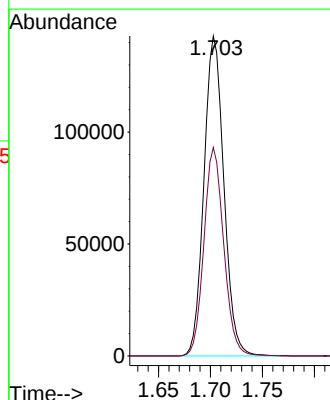
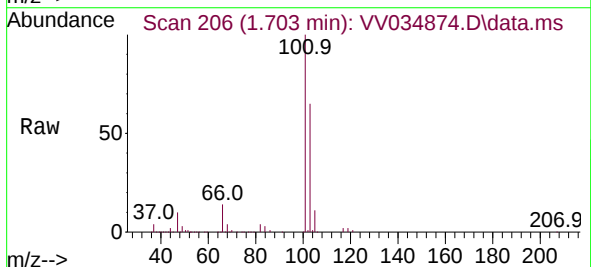
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ClientSampleId :

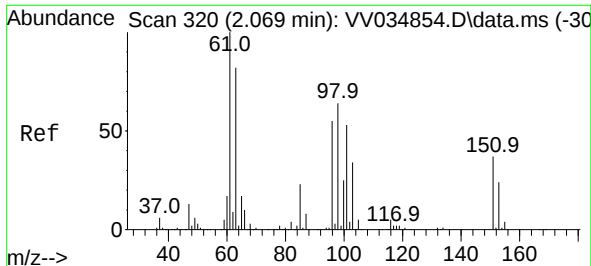
Tgt Ion: 64 Resp: 59519
Ion Ratio Lower Upper
64 100
66 30.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.513 ug/L
RT: 1.703 min Scan# 206
Delta R.T. -0.010 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion:101 Resp: 190677
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

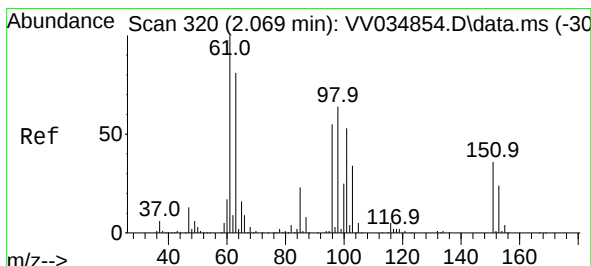
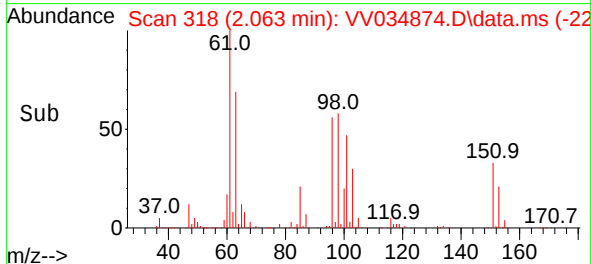
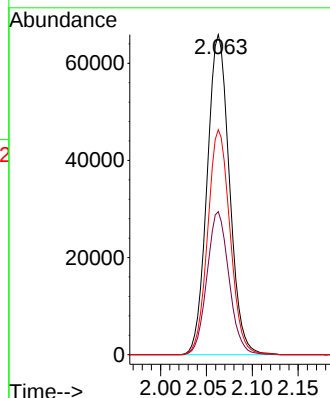
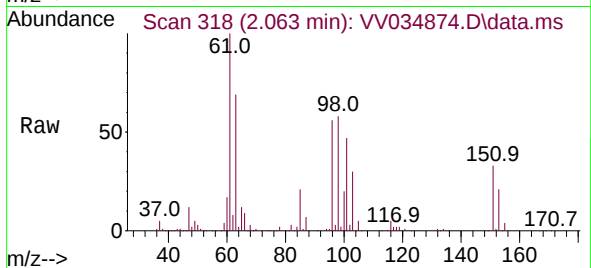




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.537 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV034874.D
 Acq: 27 Mar 2024 18:52

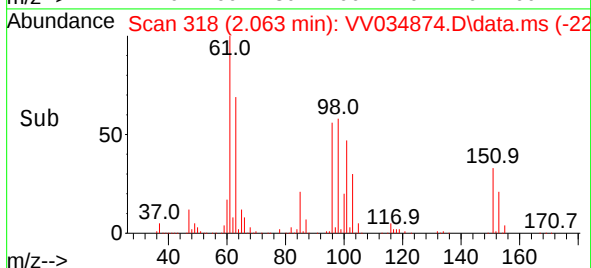
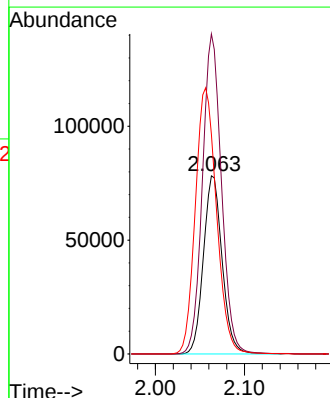
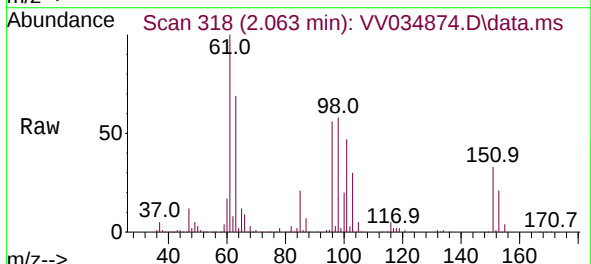
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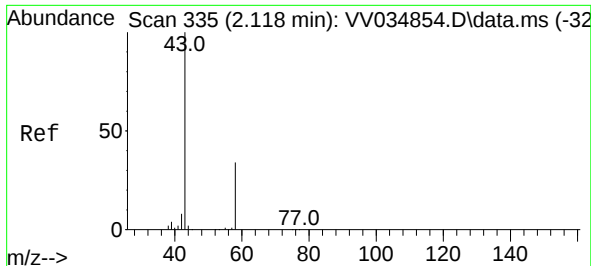
Tgt Ion:101 Resp: 111639
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 70.4 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 46.480 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV034874.D
 Acq: 27 Mar 2024 18:52

Tgt Ion: 96 Resp: 113991
 Ion Ratio Lower Upper
 96 100
 61 179.7 131.5 244.3
 63 123.4 111.4 206.8





#13

Acetone

Concen: 87.435 ug/L

RT: 2.121 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

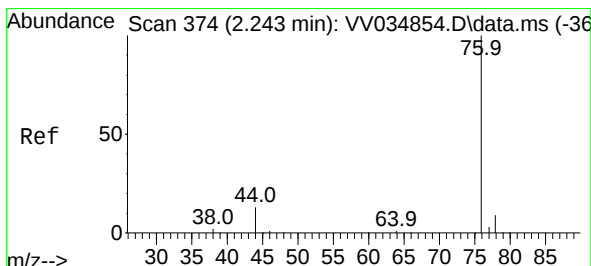
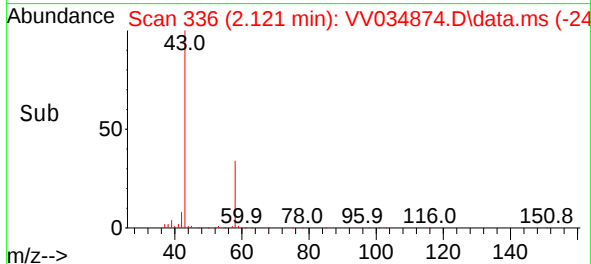
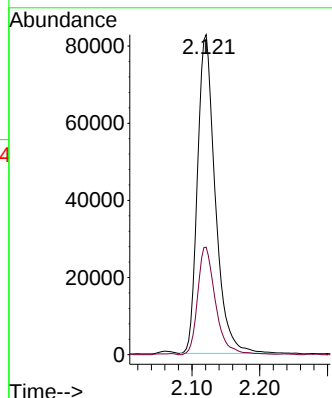
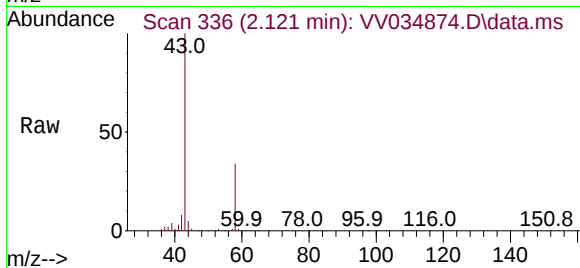
ClientSampleId :

Tgt Ion: 43 Resp: 150245

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.0



#14

Carbon disulfide

Concen: 40.609 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.006 min

Lab File: VV034874.D

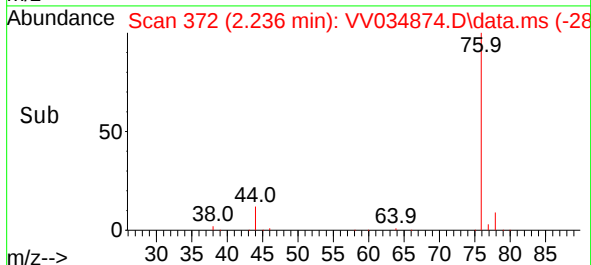
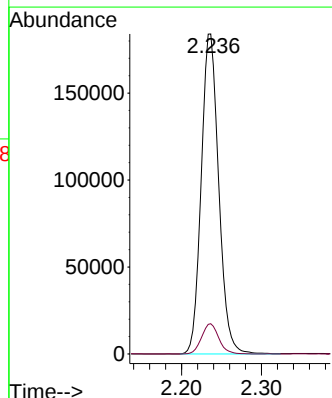
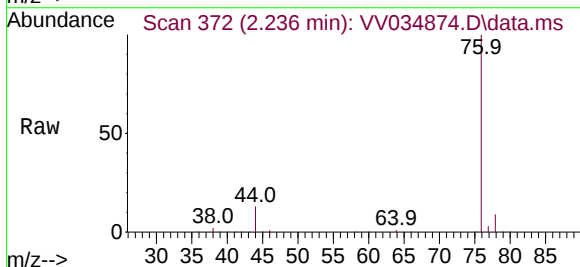
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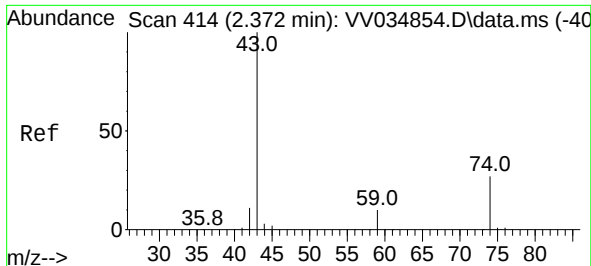
Tgt Ion: 76 Resp: 280463

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 50.499 ug/L

RT: 2.375 min Scan# 41

Delta R.T. 0.003 min

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Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

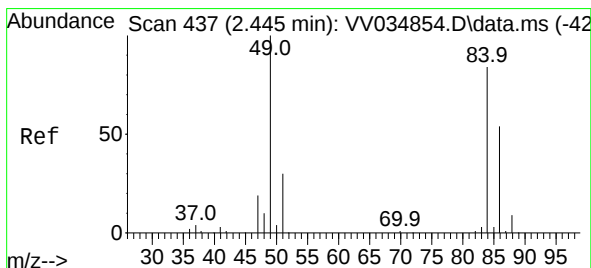
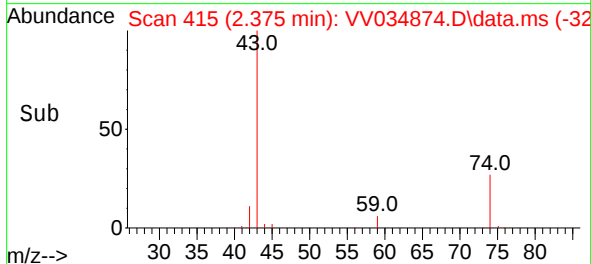
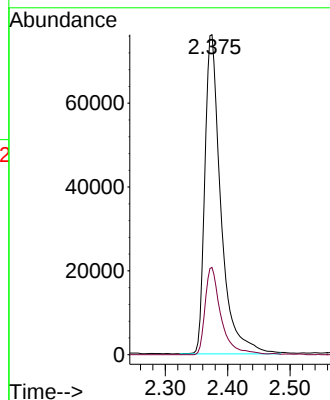
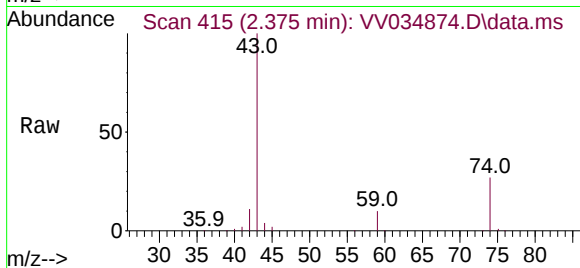
ClientSampleId :

Tgt Ion: 43 Resp: 136745

Ion Ratio Lower Upper

43 100

74 27.0 19.8 29.8



#16

Methylene chloride

Concen: 51.940 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

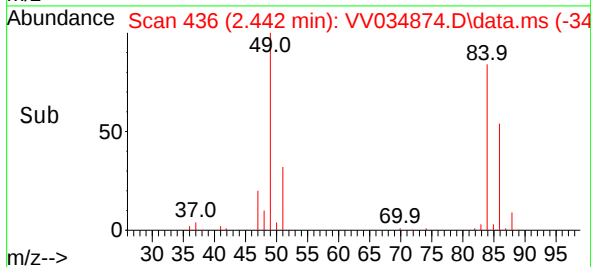
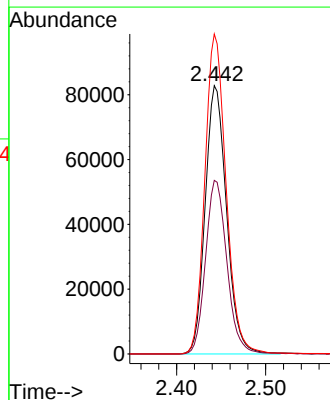
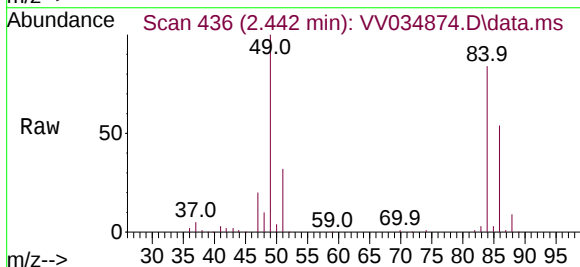
Tgt Ion: 84 Resp: 138023

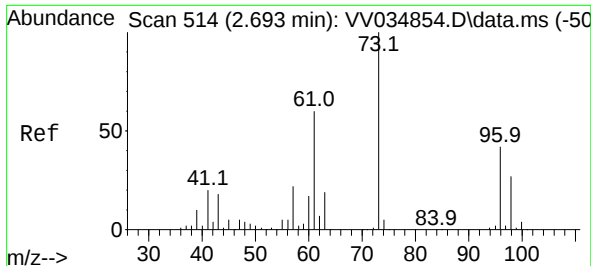
Ion Ratio Lower Upper

84 100

86 64.7 44.6 82.8

49 119.2 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 47.903 ug/L

RT: 2.690 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

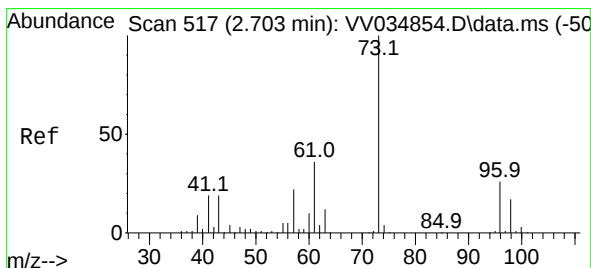
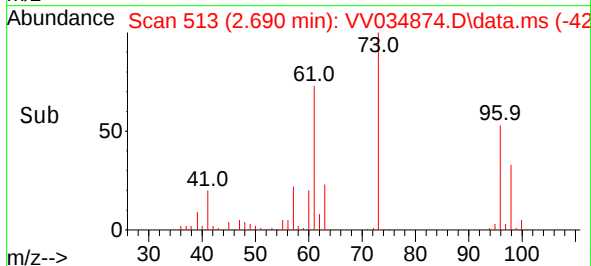
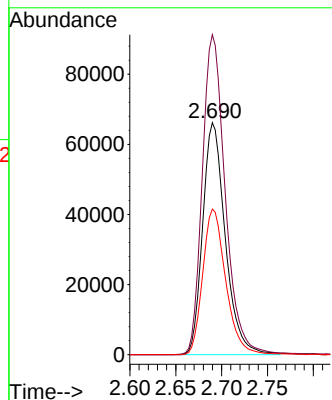
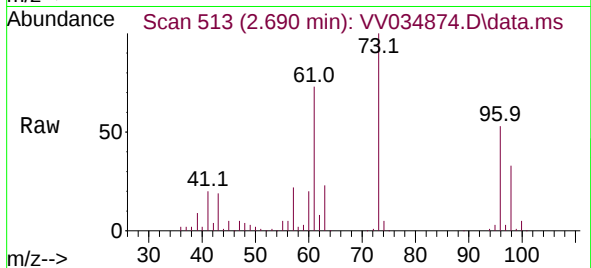
Tgt Ion: 96 Resp: 113582

Ion Ratio Lower Upper

96 100

61 137.9 99.0 183.8

98 62.8 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.810 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

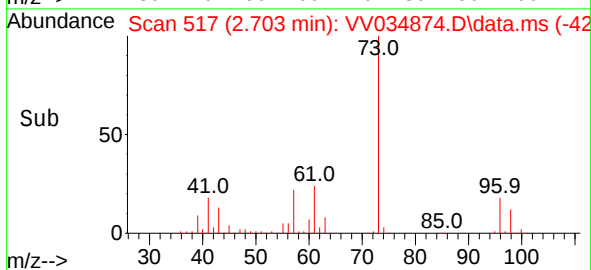
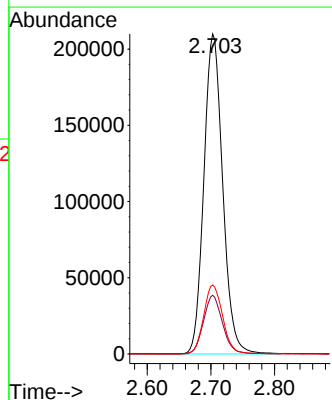
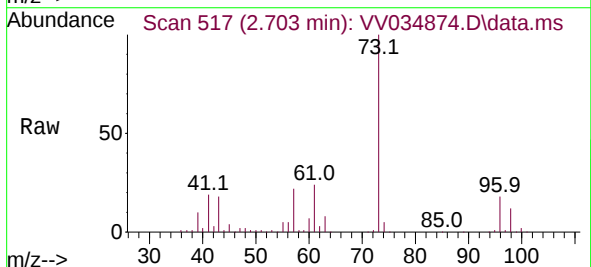
Tgt Ion: 73 Resp: 431493

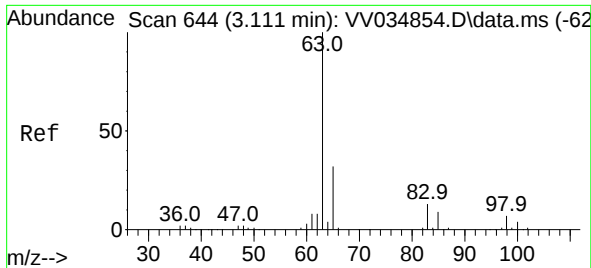
Ion Ratio Lower Upper

73 100

43 18.1 14.6 21.8

57 21.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.645 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

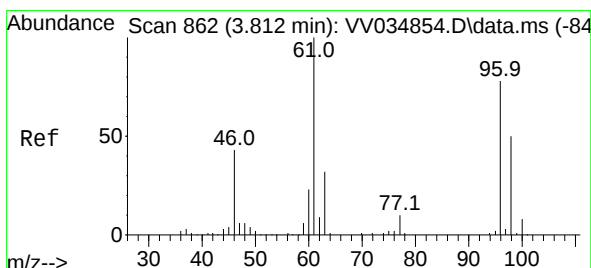
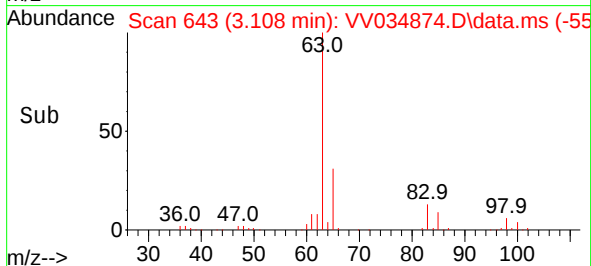
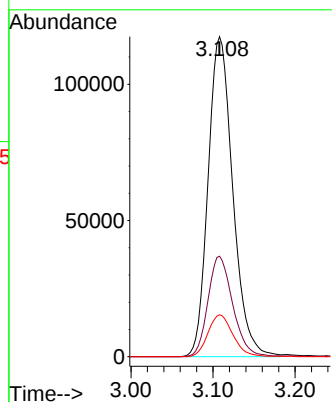
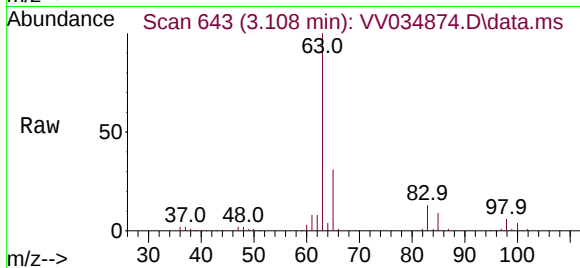
Tgt Ion: 63 Resp: 246257

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.6

83 13.1 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 51.588 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

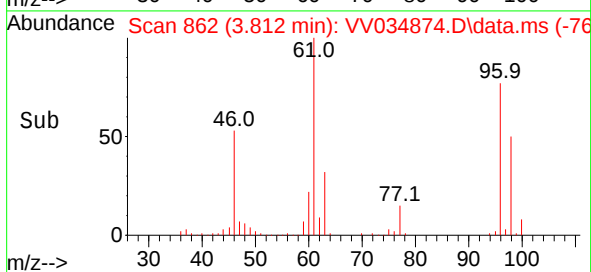
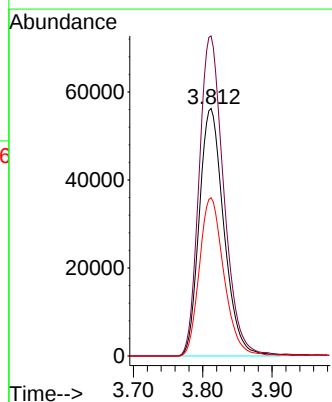
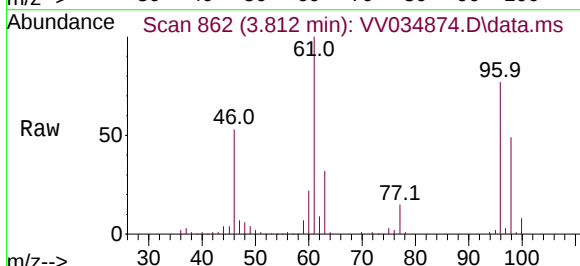
Tgt Ion: 96 Resp: 138902

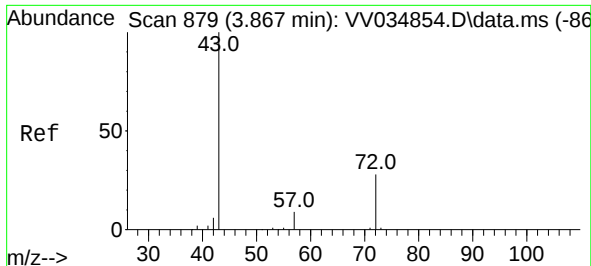
Ion Ratio Lower Upper

96 100

61 129.3 94.9 176.3

98 64.0 45.6 84.8

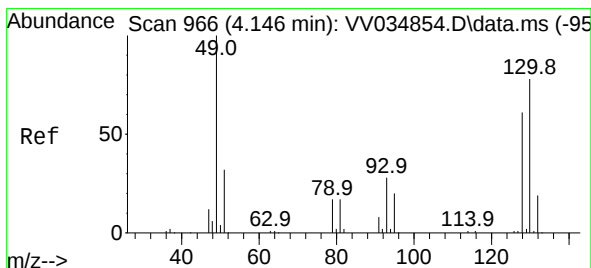
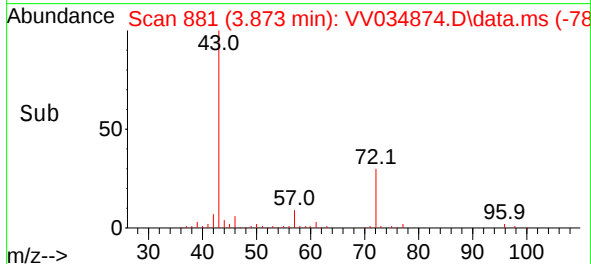
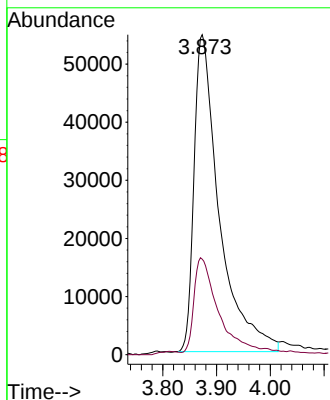
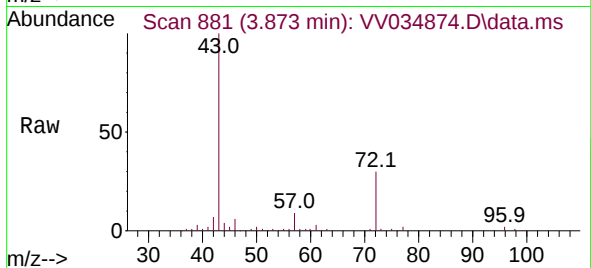




#22
2-Butanone
Concen: 89.252 ug/L
RT: 3.873 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

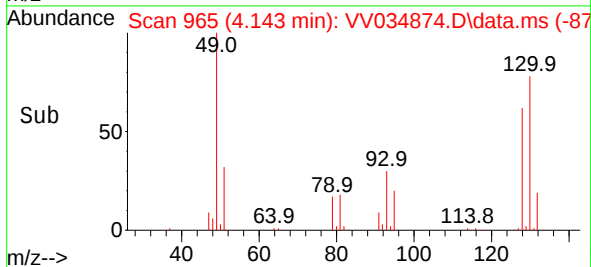
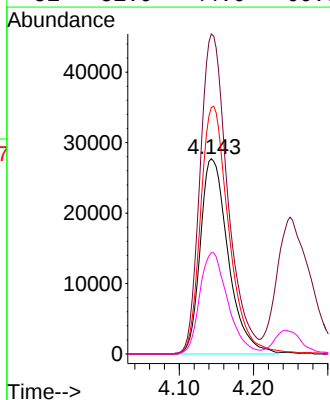
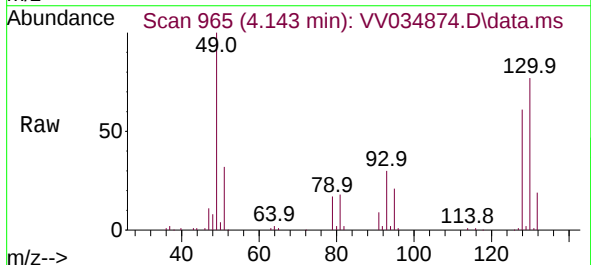
Instrument :
MSVOA_V
ClientSampleId :

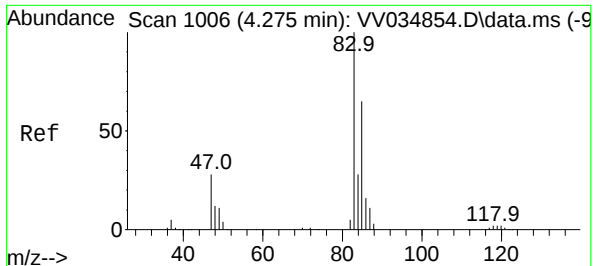
Tgt Ion: 43 Resp: 177965
Ion Ratio Lower Upper
43 100
72 27.9 13.2 39.6



#23
Bromochloromethane
Concen: 53.704 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion:128 Resp: 72346
Ion Ratio Lower Upper
128 100
49 163.9 123.8 229.8
130 126.2 93.2 173.0
51 51.9 44.0 66.0





#25

Chloroform

Concen: 52.604 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

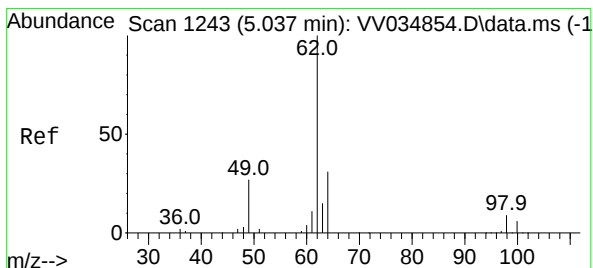
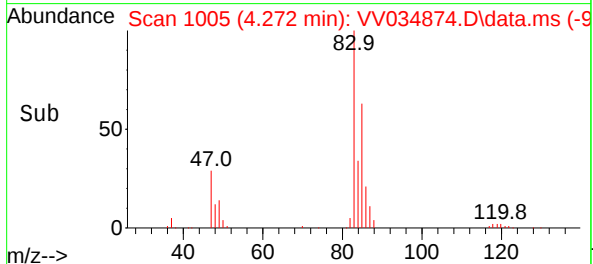
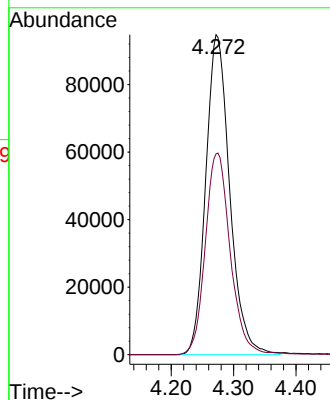
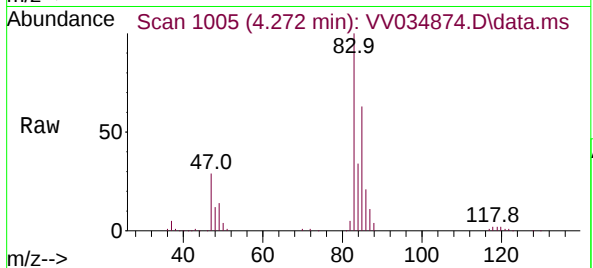
ClientSampleId :

Tgt Ion: 83 Resp: 252888

Ion Ratio Lower Upper

83 100

85 62.8 46.0 85.4



#27

1,2-Dichloroethane

Concen: 52.417 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034874.D

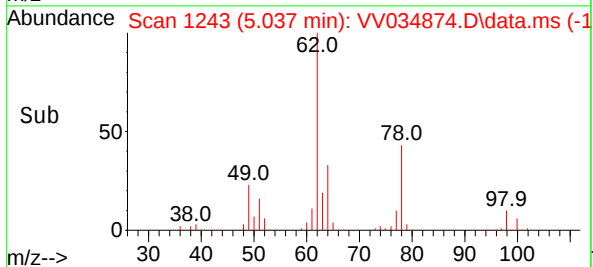
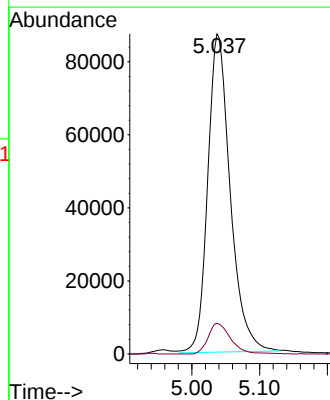
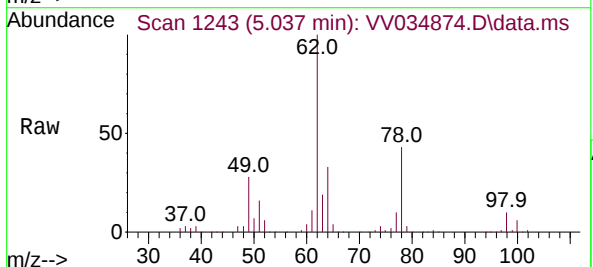
Acq: 27 Mar 2024 18:52

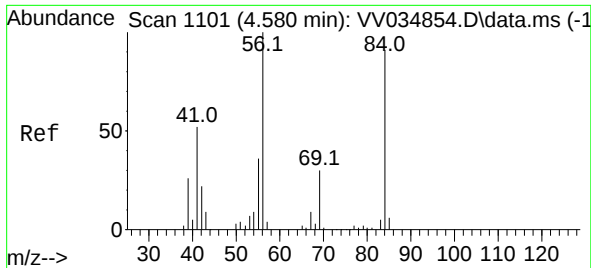
Tgt Ion: 62 Resp: 200630

Ion Ratio Lower Upper

62 100

98 9.5 7.2 10.8





#29

Cyclohexane

Concen: 35.895 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

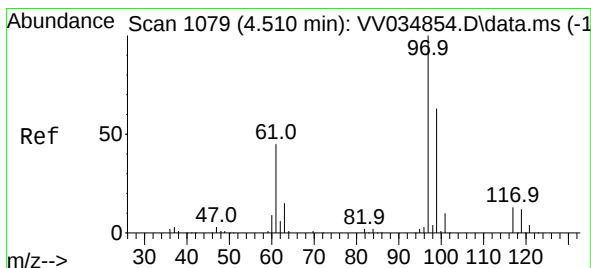
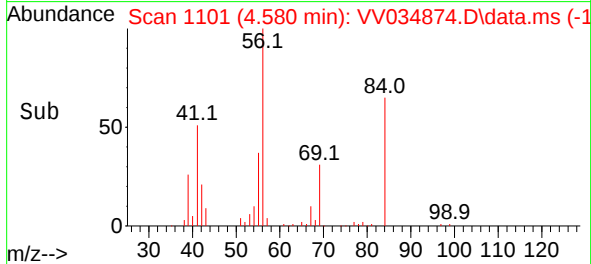
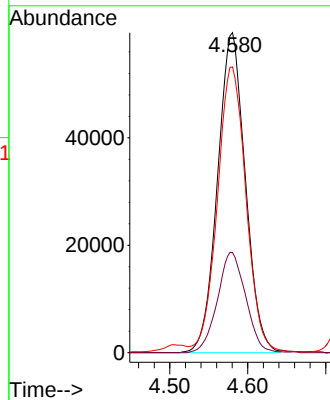
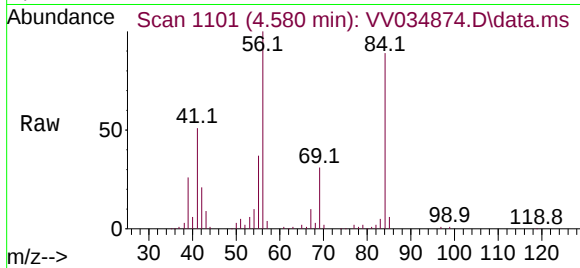
Tgt Ion: 56 Resp: 147524

Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.2

84 91.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 45.733 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

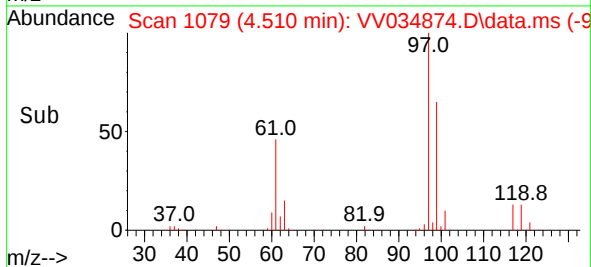
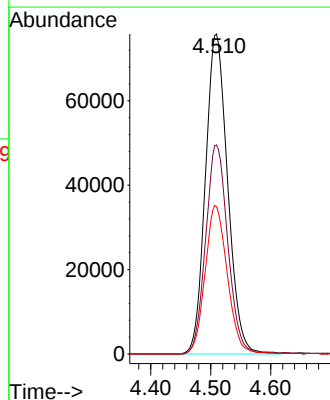
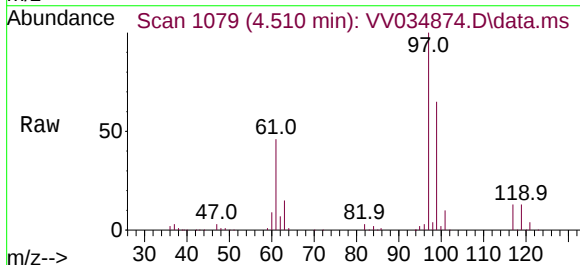
Tgt Ion: 97 Resp: 195616

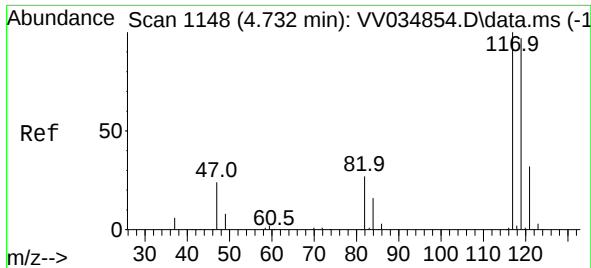
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

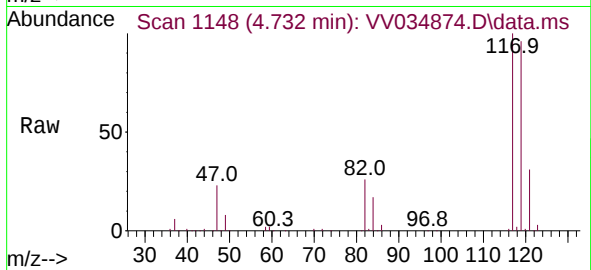
61 46.3 36.8 55.2



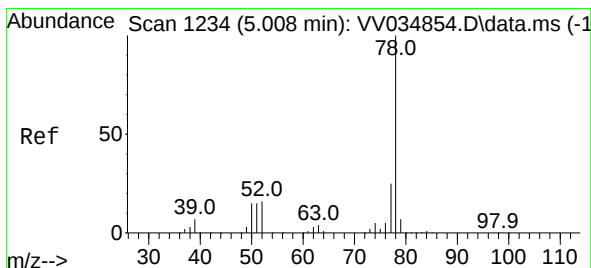
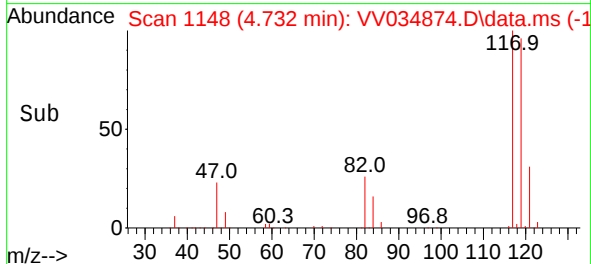
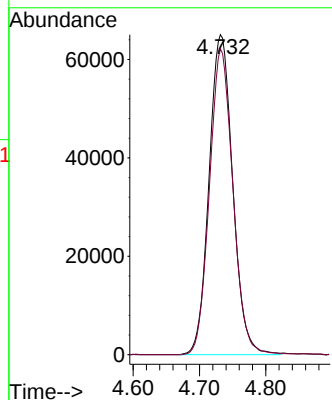


#31
Carbon tetrachloride
Concen: 44.480 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

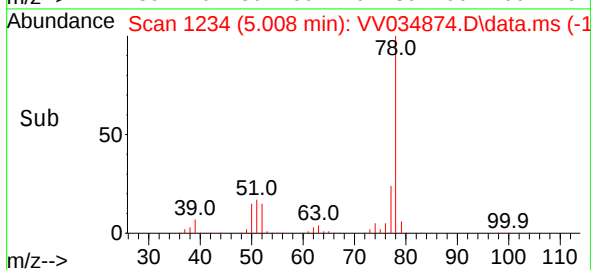
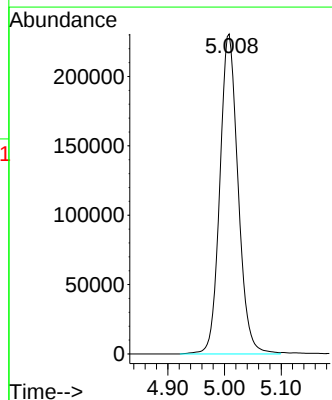
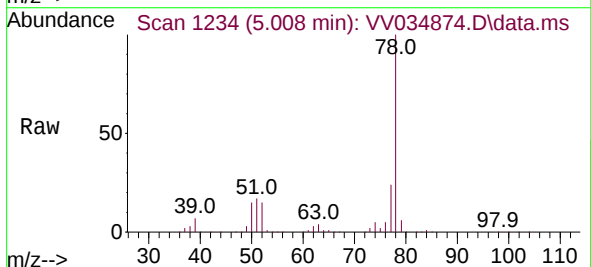


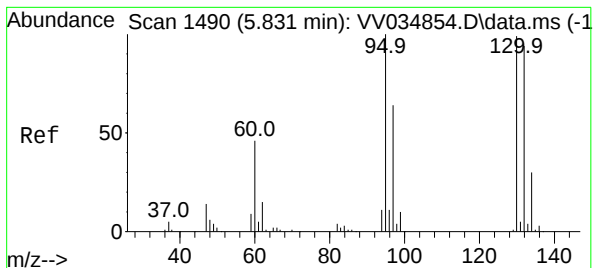
Tgt Ion:117 Resp: 161258
Ion Ratio Lower Upper
117 100
119 94.4 77.1 115.7



#33
Benzene
Concen: 48.204 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion: 78 Resp: 515787





#34

Trichloroethene

Concen: 44.955 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 129819

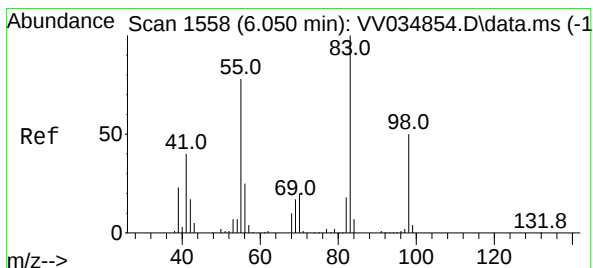
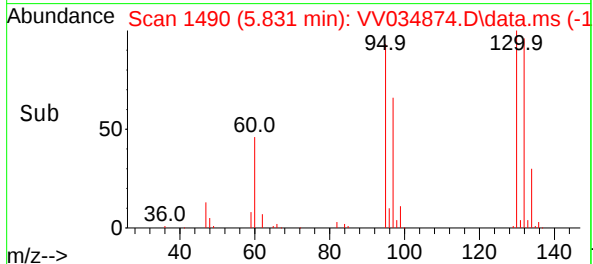
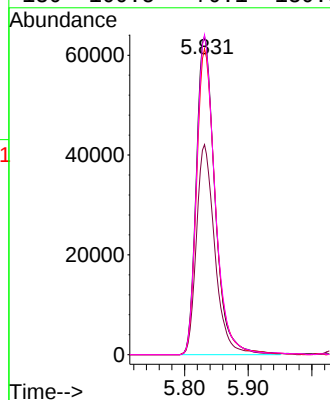
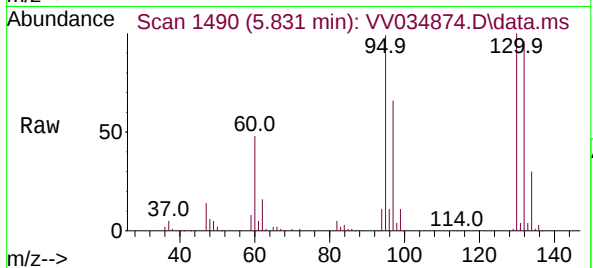
Ion Ratio Lower Upper

95 100

97 66.0 45.3 84.1

132 96.1 65.3 121.3

130 100.5 70.1 130.3



#35

Methylcyclohexane

Concen: 37.394 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

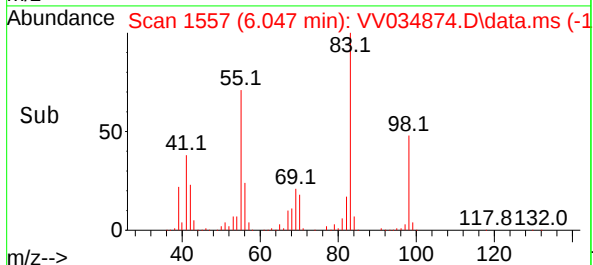
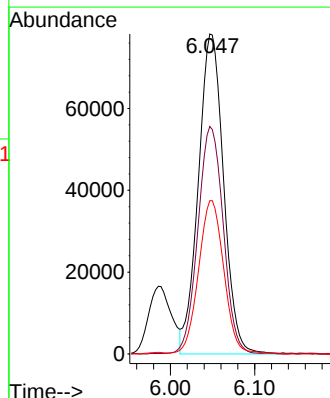
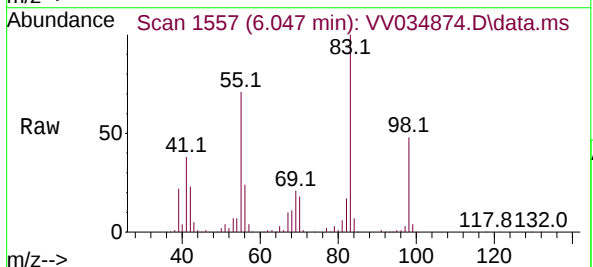
Tgt Ion: 83 Resp: 163082

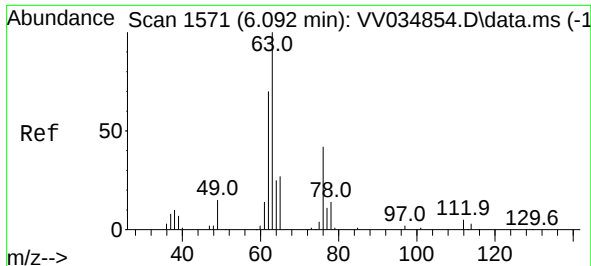
Ion Ratio Lower Upper

83 100

55 71.5 60.0 90.0

98 48.1 37.6 56.4

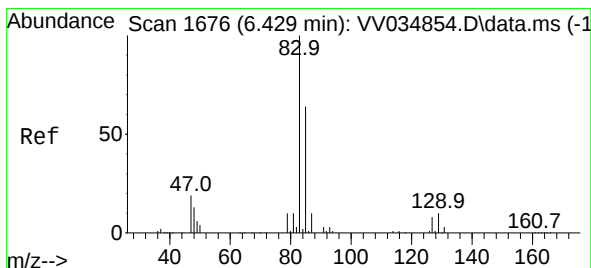
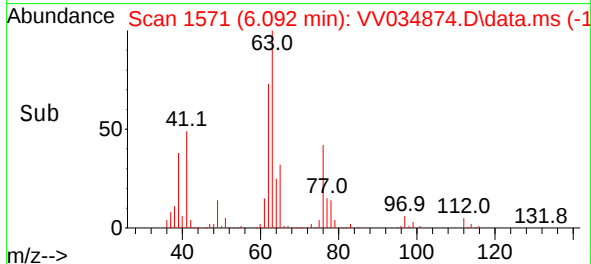
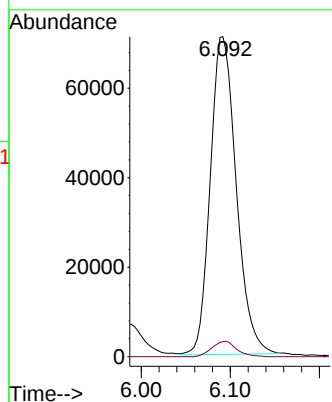
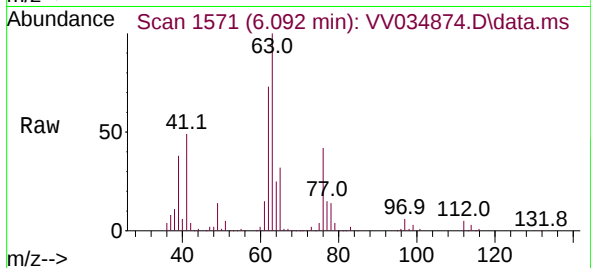




#37
1,2-Dichloropropane
Concen: 48.699 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

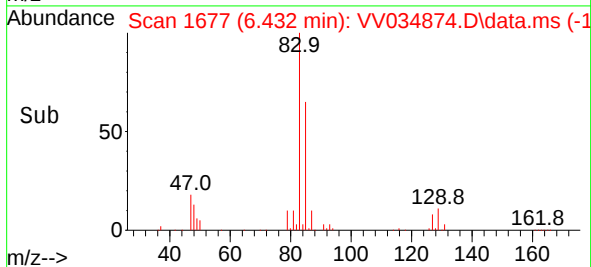
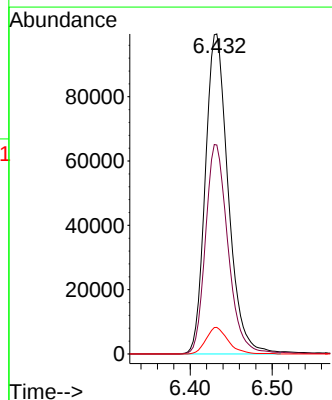
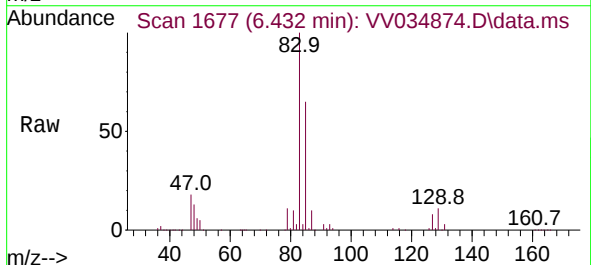
Instrument :
MSVOA_V
ClientSampleId :

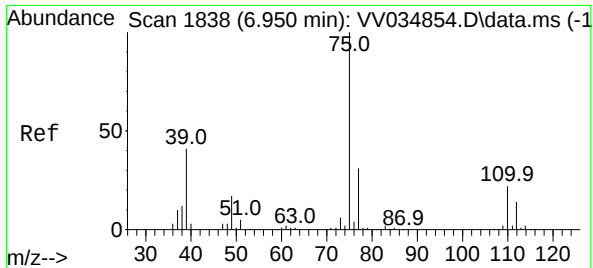
Tgt Ion: 63 Resp: 144004
Ion Ratio Lower Upper
63 100
112 4.6 3.3 4.9



#38
Bromodichloromethane
Concen: 50.566 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion: 83 Resp: 192924
Ion Ratio Lower Upper
83 100
85 65.3 43.7 81.1
127 8.3 6.4 9.6

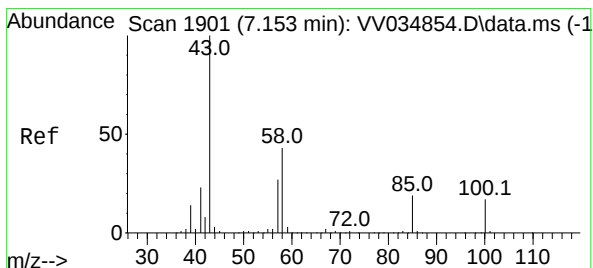
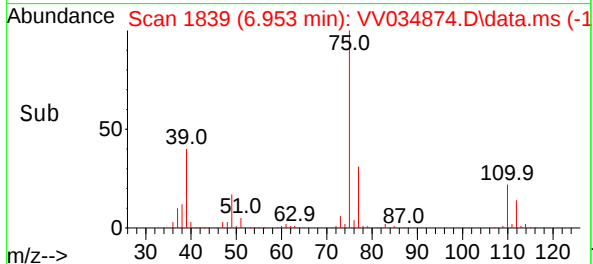
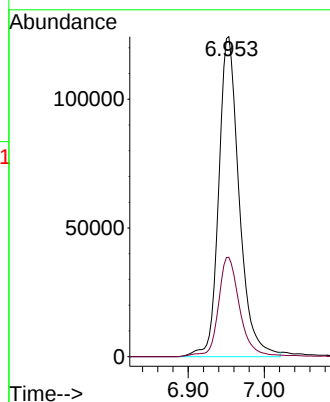
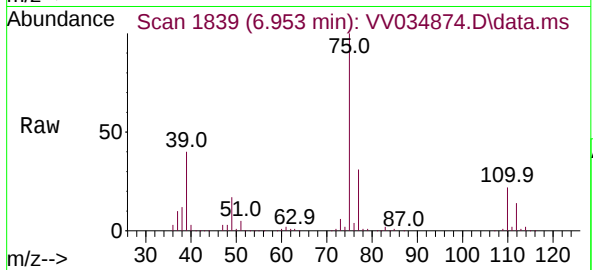




#39
 cis-1,3-Dichloropropene
 Concen: 49.918 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV034874.D
 Acq: 27 Mar 2024 18:52

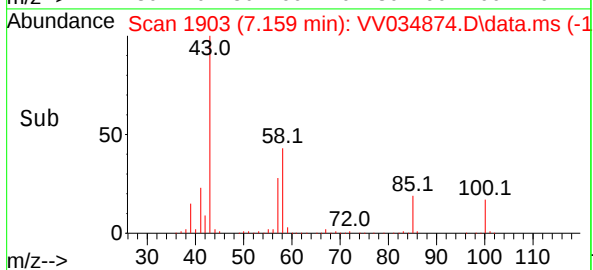
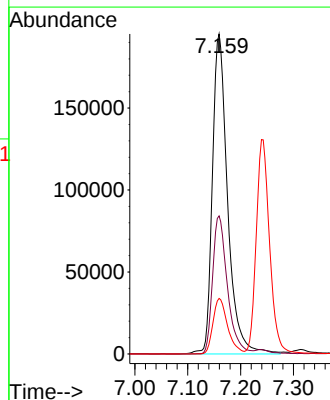
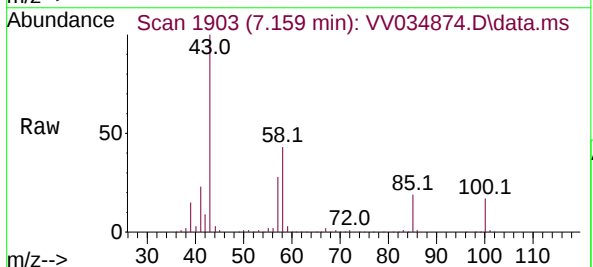
Instrument :
 MSVOA_V
 ClientSampleId :

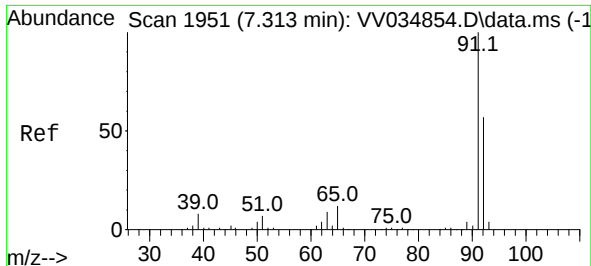
Tgt Ion: 75 Resp: 232529
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 103.363 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VV034874.D
 Acq: 27 Mar 2024 18:52

Tgt Ion: 43 Resp: 390240
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.8 50.8
 100 16.7 13.0 19.4





#42

Toluene

Concen: 48.373 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

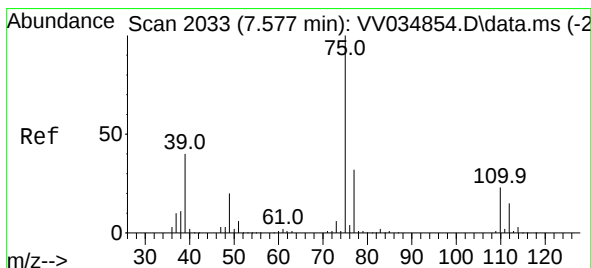
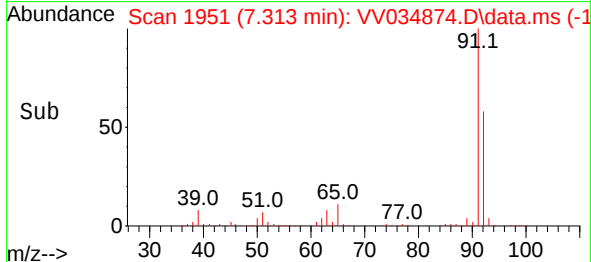
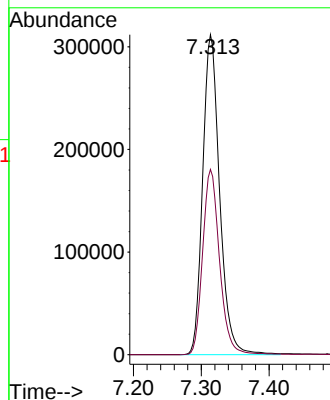
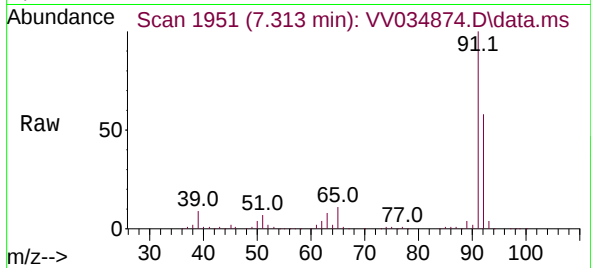
ClientSampleId :

Tgt Ion: 91 Resp: 541887

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 51.164 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034874.D

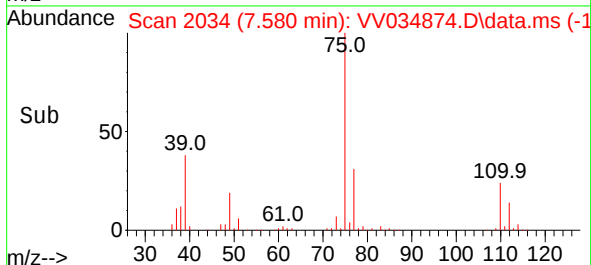
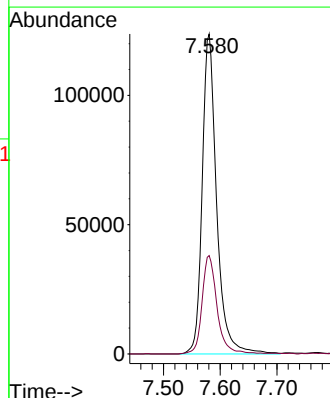
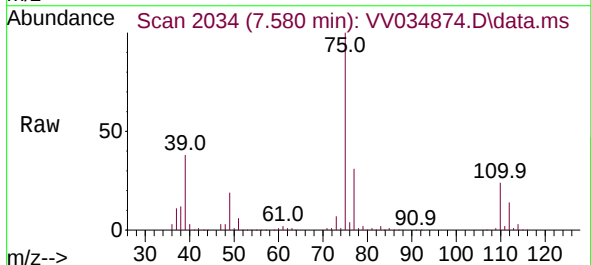
Acq: 27 Mar 2024 18:52

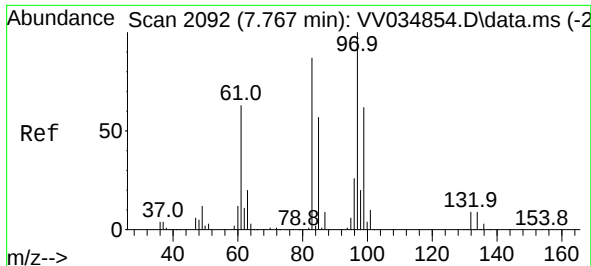
Tgt Ion: 75 Resp: 218960

Ion Ratio Lower Upper

75 100

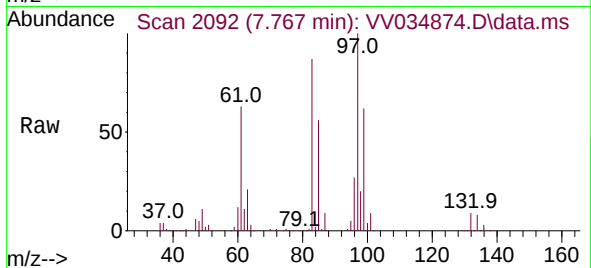
77 30.8 21.7 40.3



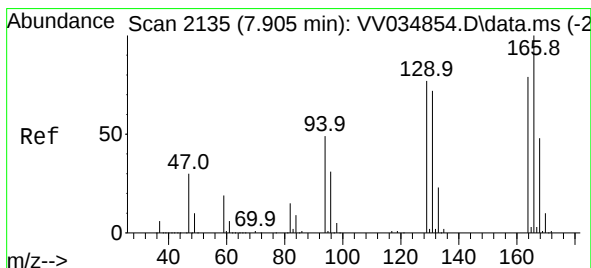
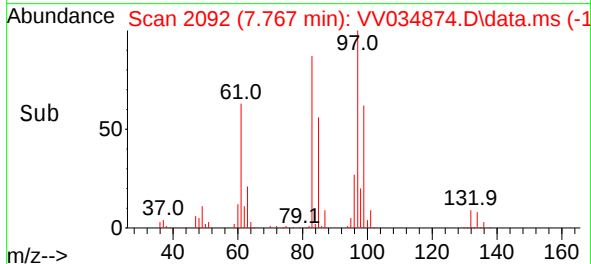
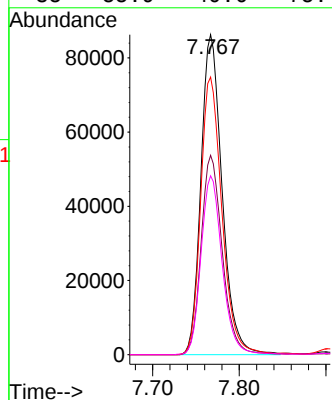


#45
1,1,2-Trichloroethane
Concen: 52.725 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

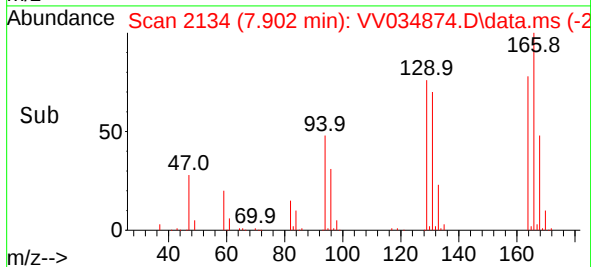
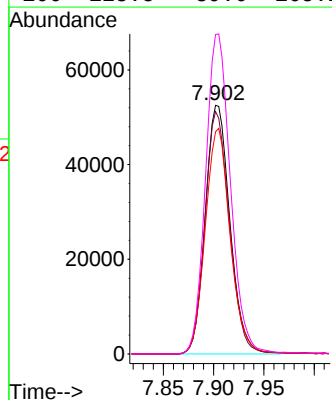
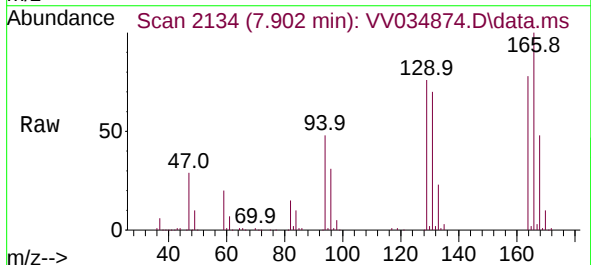


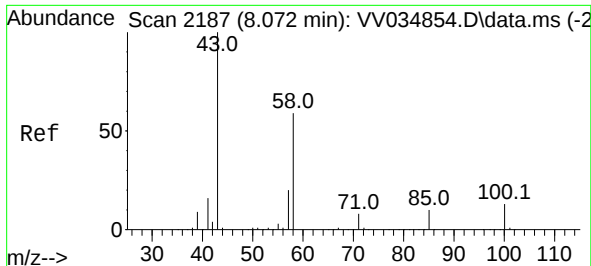
Tgt Ion:	97	Resp:	146951
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.3	80.3
83	86.8	61.6	114.4
85	55.9	40.6	75.4



#46
Tetrachloroethene
Concen: 44.612 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion:	164	Resp:	90003
Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.6	127.4
131	89.4	65.7	122.1
166	128.5	89.0	165.2





#48

2-Hexanone

Concen: 93.715 ug/L

RT: 8.079 min Scan# 2187

Delta R.T. 0.006 min

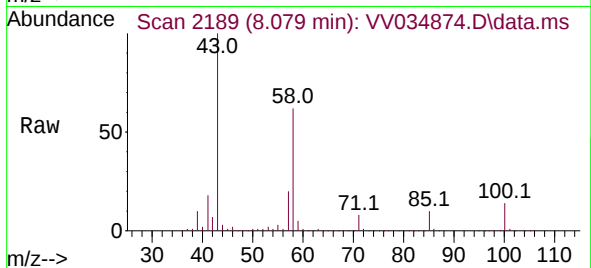
Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 300923

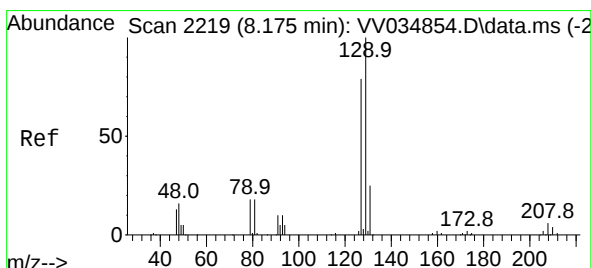
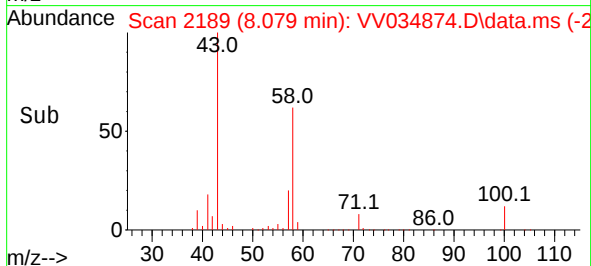
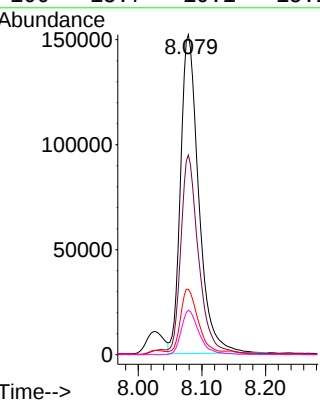
Ion Ratio Lower Upper

43 100

58 61.0 45.4 68.2

57 18.6 16.2 24.4

100 13.7 10.1 15.1



#49

Dibromochloromethane

Concen: 53.001 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034874.D

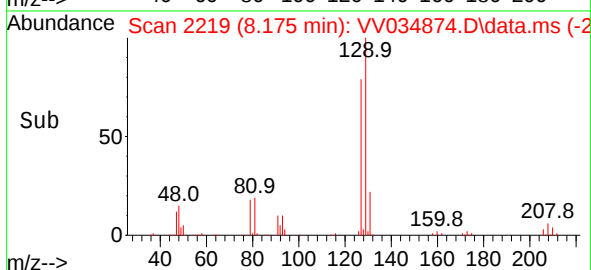
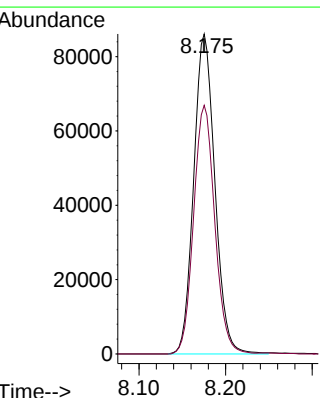
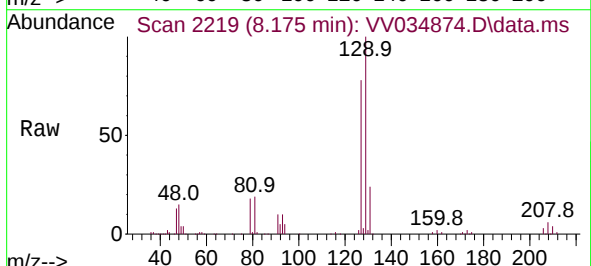
Acq: 27 Mar 2024 18:52

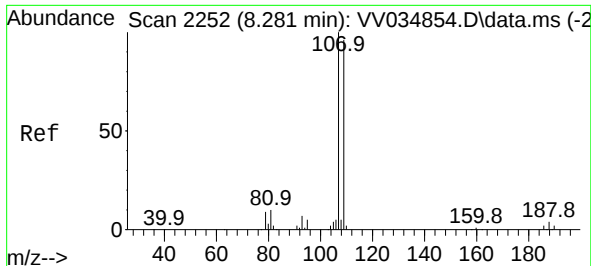
Tgt Ion: 129 Resp: 146307

Ion Ratio Lower Upper

129 100

127 77.7 54.1 100.5

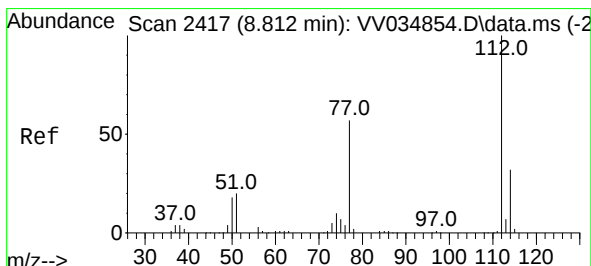
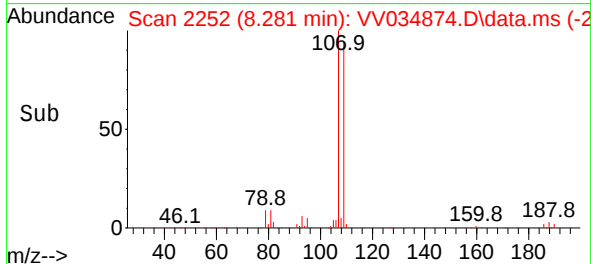
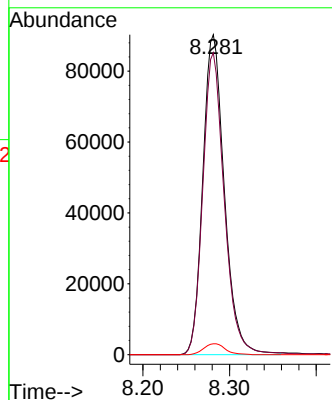
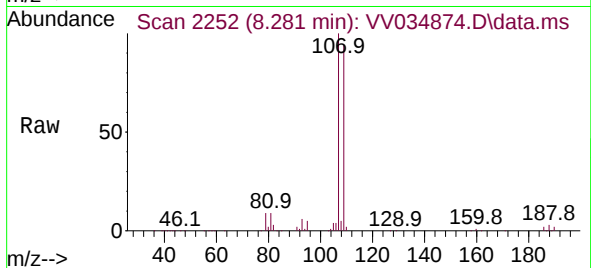




#50
1,2-Dibromoethane
Concen: 51.895 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

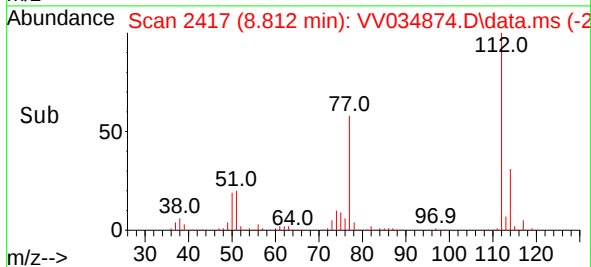
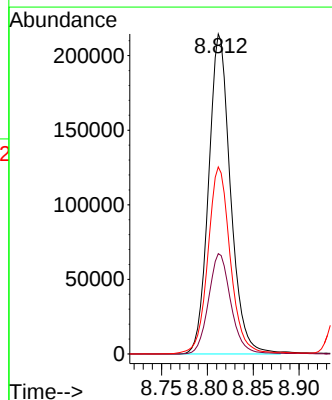
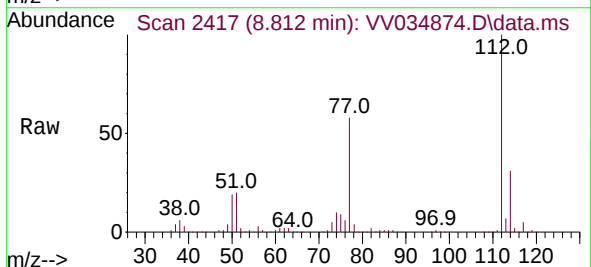
Instrument :
MSVOA_V
ClientSampleId :

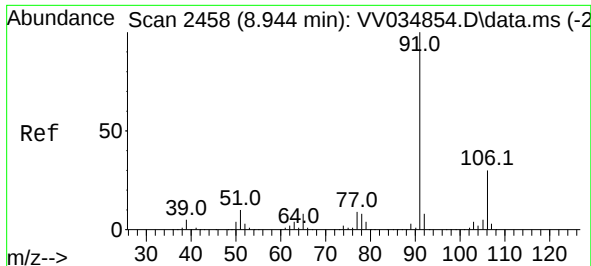
Tgt Ion:107 Resp: 155720
Ion Ratio Lower Upper
107 100
109 94.4 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 49.057 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion:112 Resp: 356179
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 58.4 47.4 71.2





#52

Ethylbenzene

Concen: 47.522 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

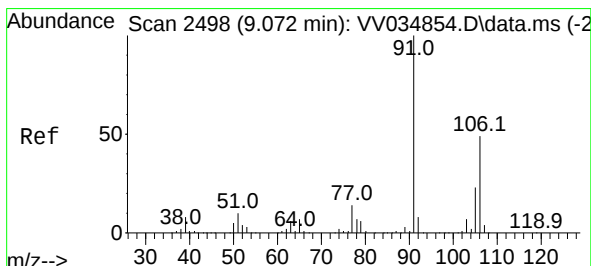
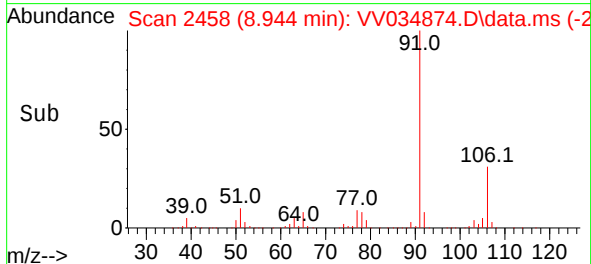
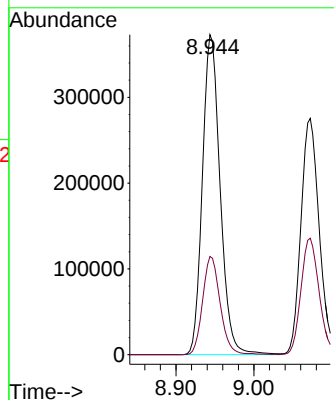
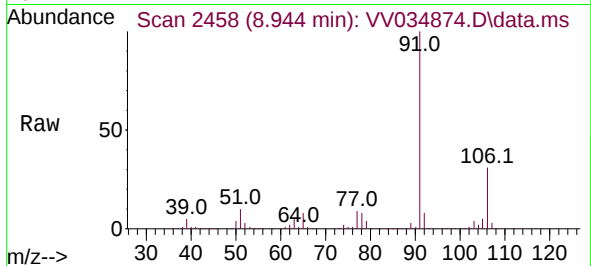
ClientSampleId :

Tgt Ion: 91 Resp: 590012

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 48.531 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034874.D

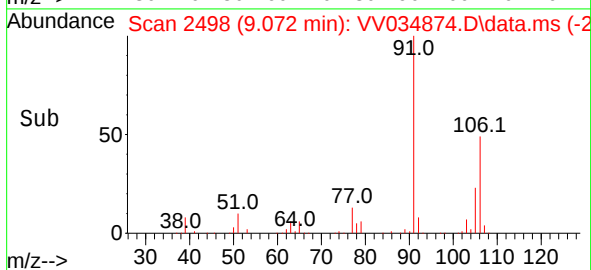
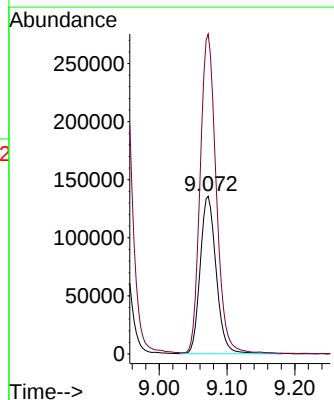
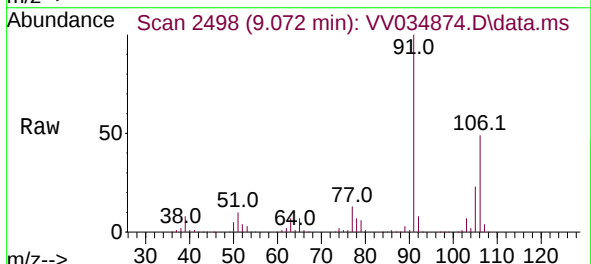
Acq: 27 Mar 2024 18:52

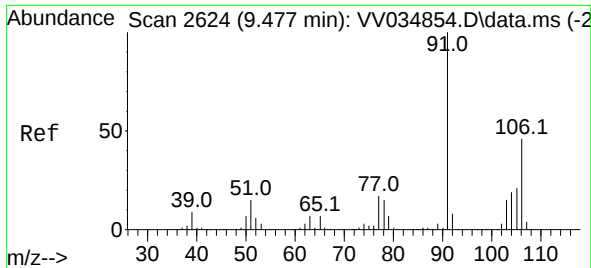
Tgt Ion:106 Resp: 221891

Ion Ratio Lower Upper

106 100

91 202.8 144.8 269.0

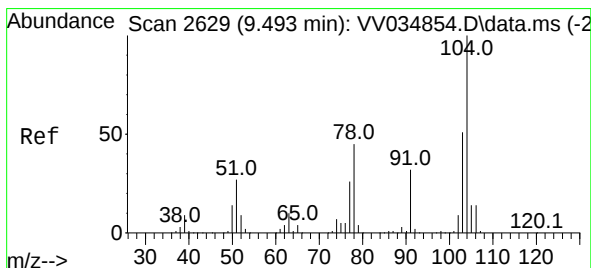
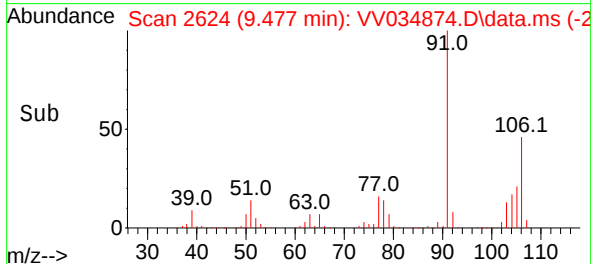
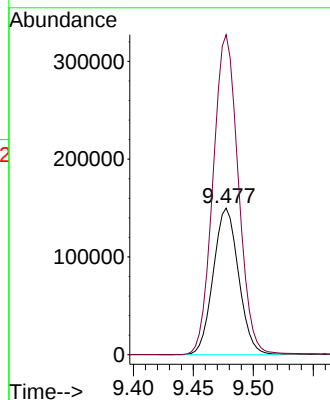
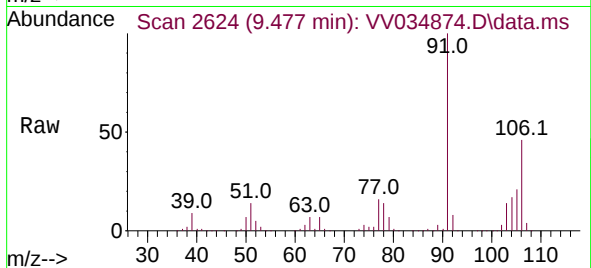




#54
o-Xylene
Concen: 48.685 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

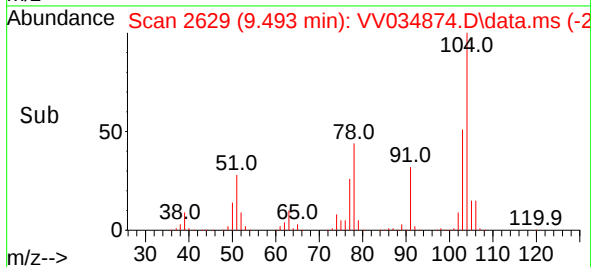
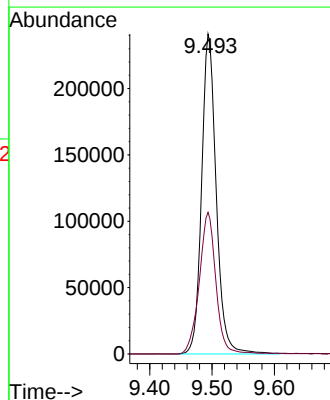
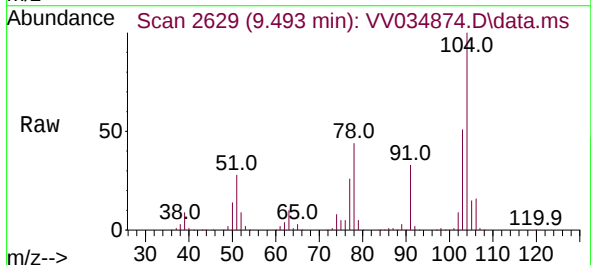
Instrument :
MSVOA_V
ClientSampleId :

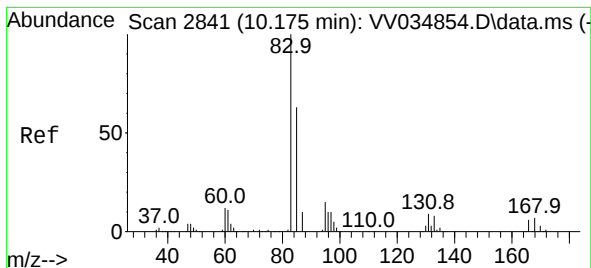
Tgt Ion:106 Resp: 220247
Ion Ratio Lower Upper
106 100
91 218.4 151.3 280.9



#55
Styrene
Concen: 51.463 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion:104 Resp: 393425
Ion Ratio Lower Upper
104 100
78 44.3 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 54.431 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

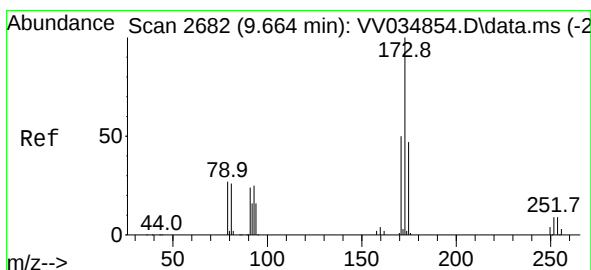
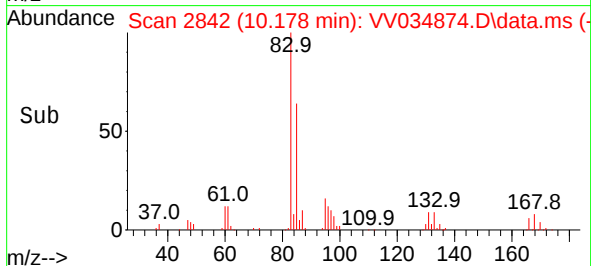
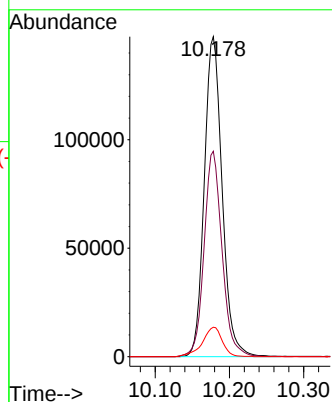
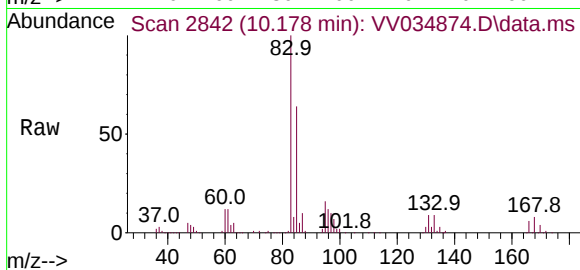
Tgt Ion: 83 Resp: 245797

Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

131 9.2 6.9 10.3



#59

Bromoform

Concen: 55.325 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

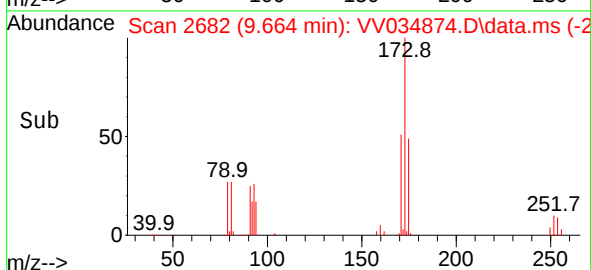
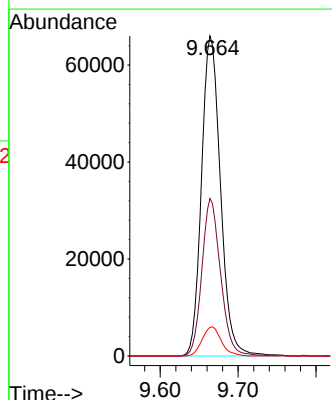
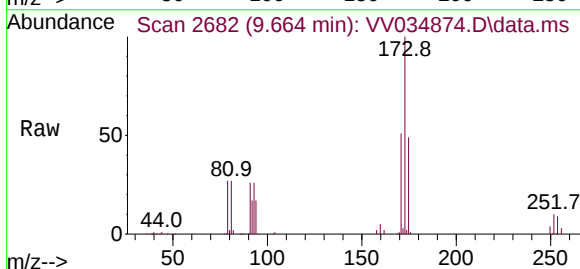
Tgt Ion:173 Resp: 111784

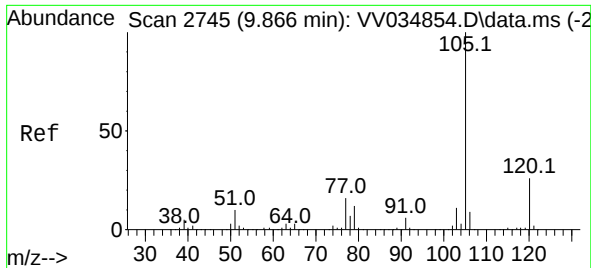
Ion Ratio Lower Upper

173 100

175 48.2 39.3 58.9

254 9.2 7.5 11.3

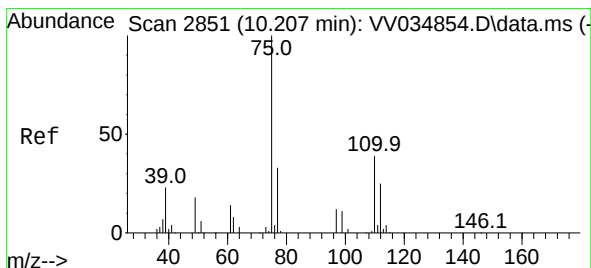
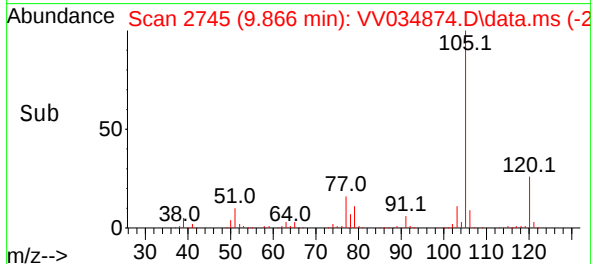
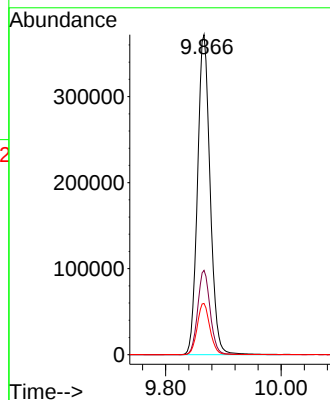
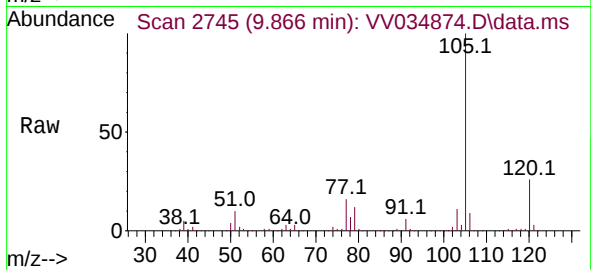




#60
Isopropylbenzene
Concen: 44.285 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

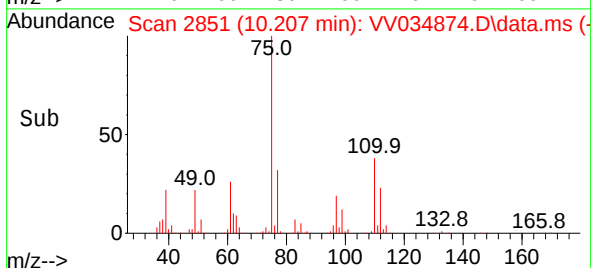
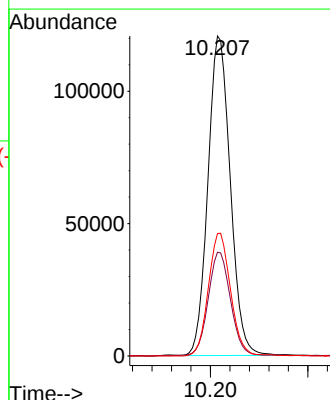
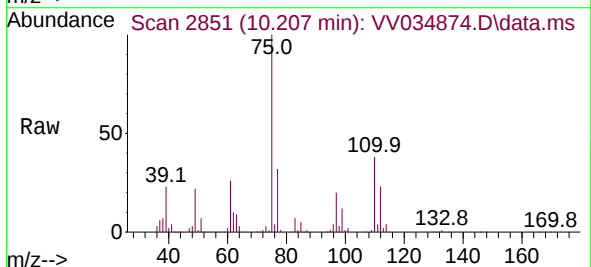
Instrument :
MSVOA_V
ClientSampleId :

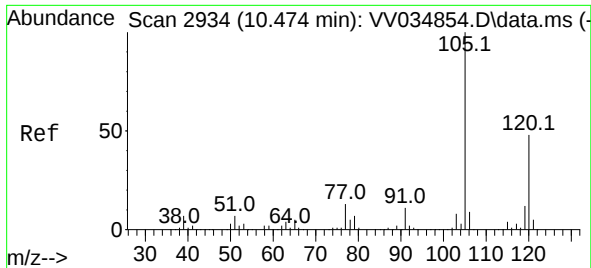
Tgt Ion:105 Resp: 562891
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.365 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion: 75 Resp: 192424
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 38.2 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 45.682 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

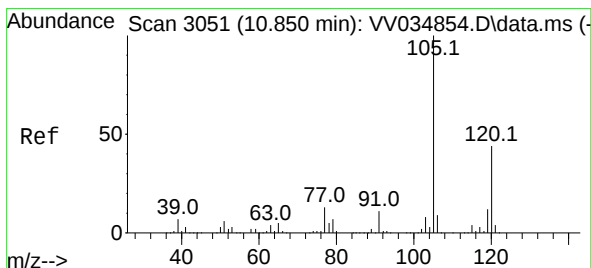
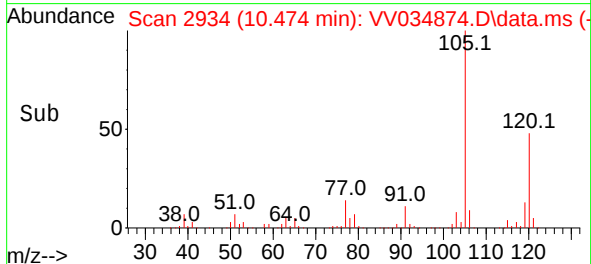
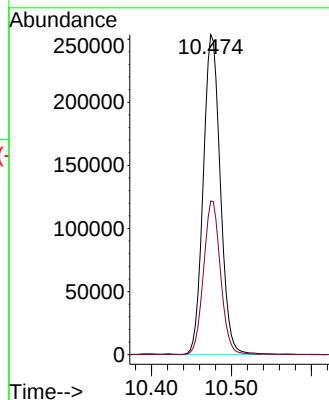
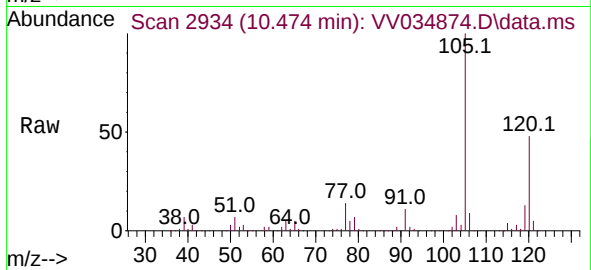
ClientSampleId :

Tgt Ion:105 Resp: 377102

Ion Ratio Lower Upper

105 100

120 47.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 46.962 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034874.D

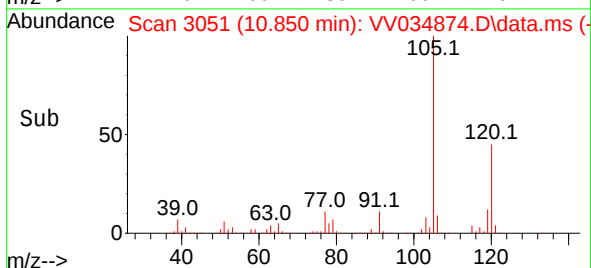
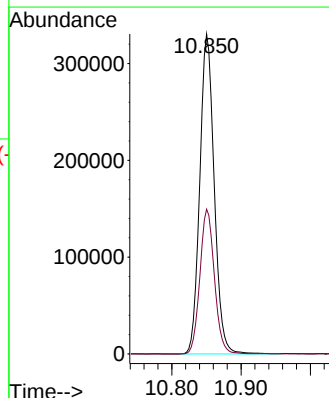
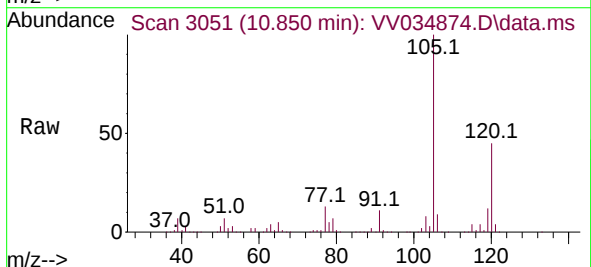
Acq: 27 Mar 2024 18:52

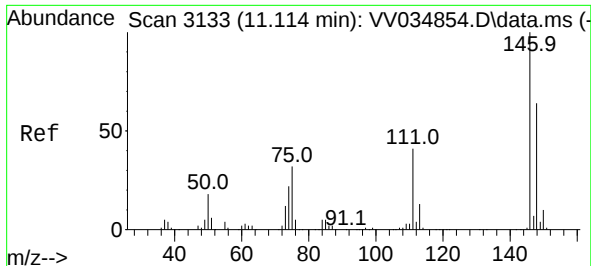
Tgt Ion:105 Resp: 479306

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 47.514 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

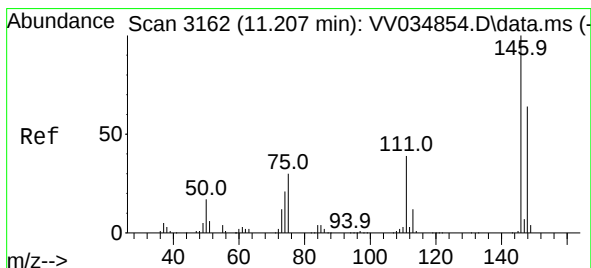
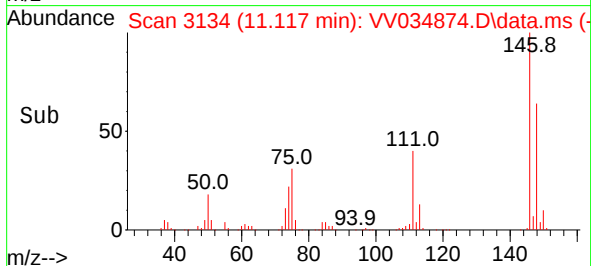
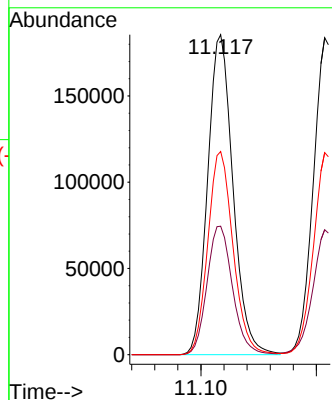
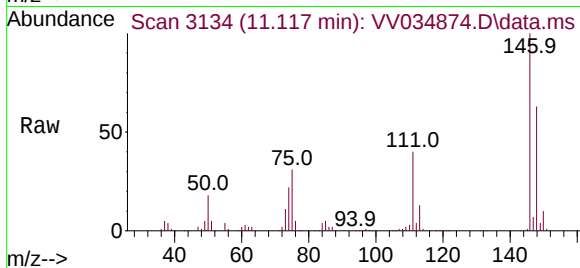
Tgt Ion:146 Resp: 282234

Ion Ratio Lower Upper

146 100

111 40.2 28.7 53.3

148 63.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 47.808 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

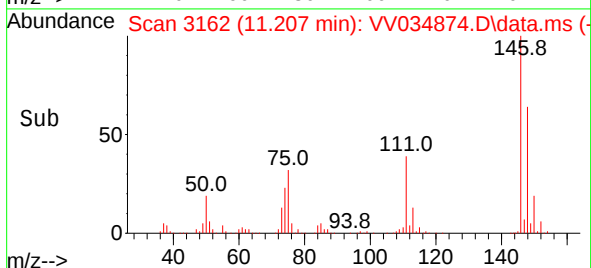
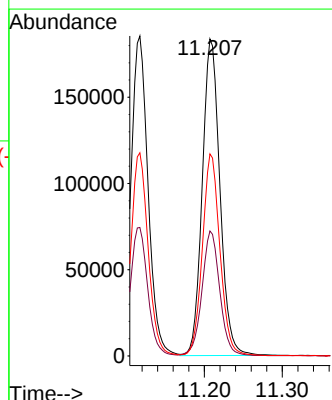
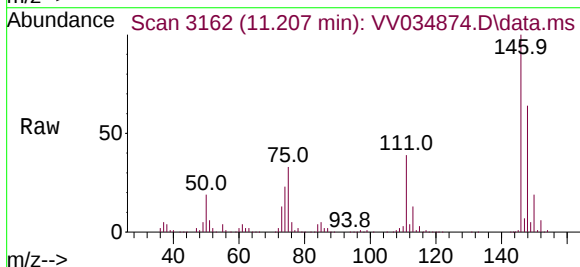
Tgt Ion:146 Resp: 288787

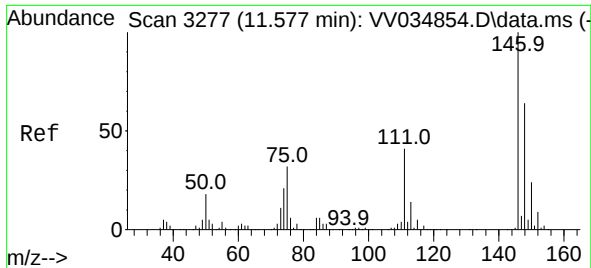
Ion Ratio Lower Upper

146 100

111 39.4 27.4 50.8

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 49.008 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :

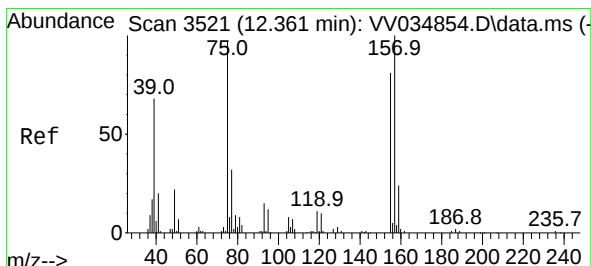
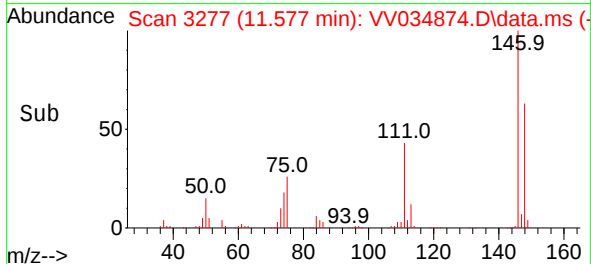
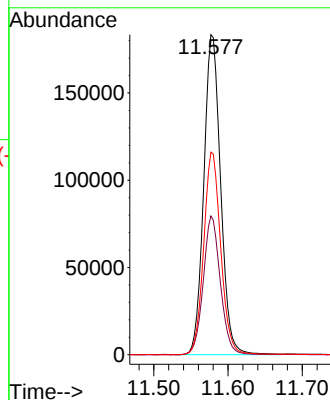
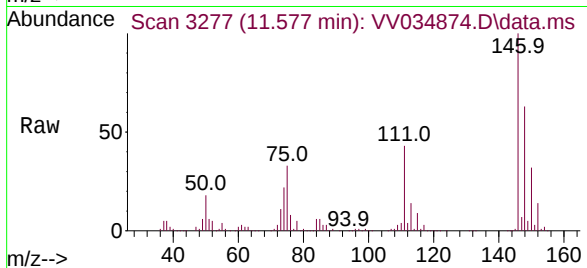
Tgt Ion:146 Resp: 289994

Ion Ratio Lower Upper

146 100

111 43.4 34.6 52.0

148 63.3 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.242 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

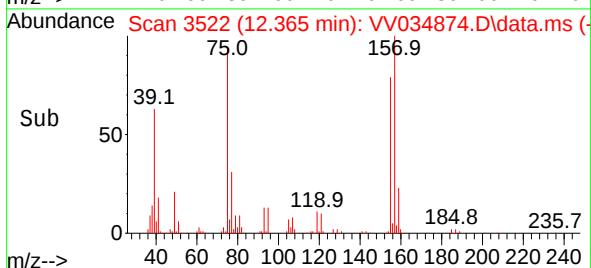
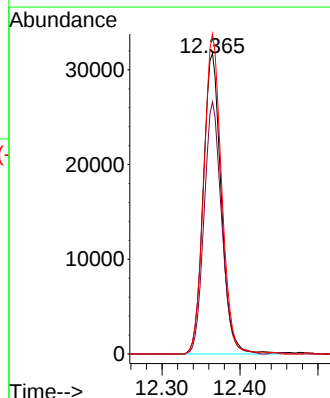
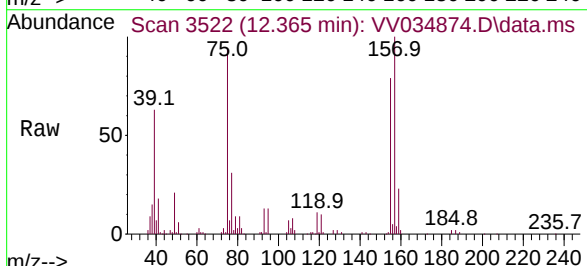
Tgt Ion: 75 Resp: 50779

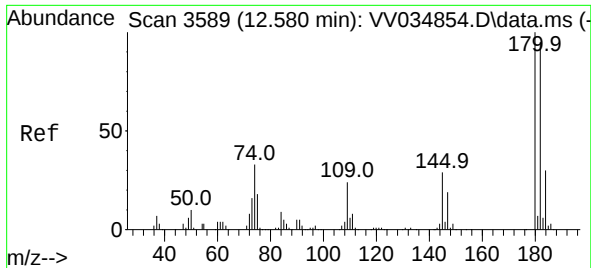
Ion Ratio Lower Upper

75 100

155 83.8 63.0 94.6

157 106.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 45.643 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

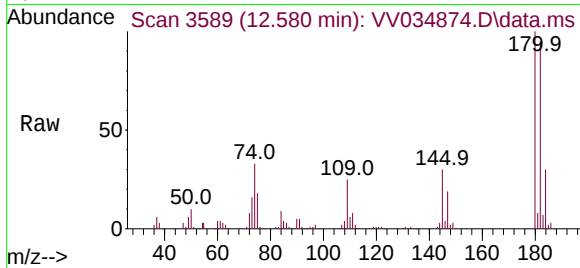
Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 195397

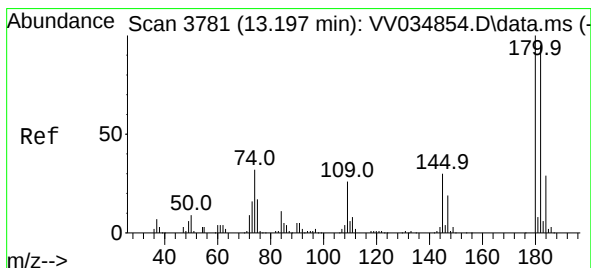
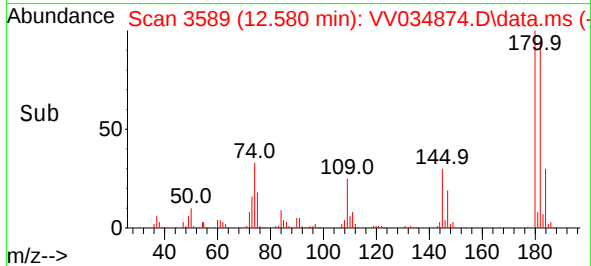
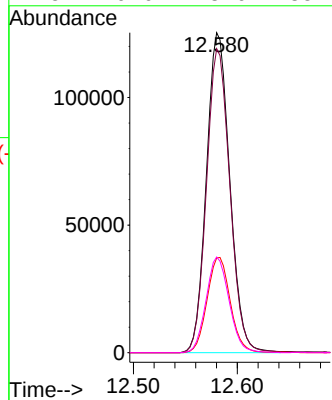
Ion Ratio Lower Upper

180 100

182 95.1 74.7 112.1

184 29.6 24.0 36.0

145 29.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.320 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034874.D

Acq: 27 Mar 2024 18:52

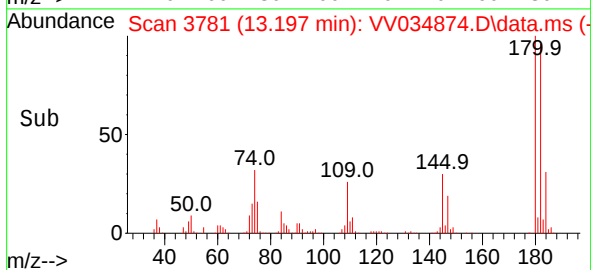
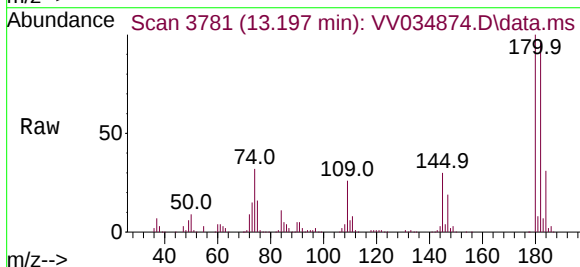
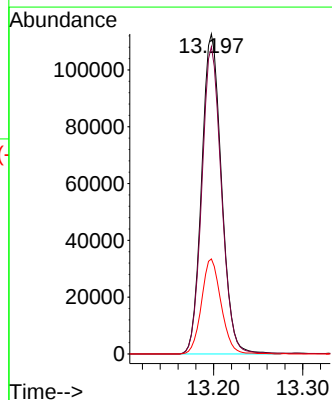
Tgt Ion:180 Resp: 174284

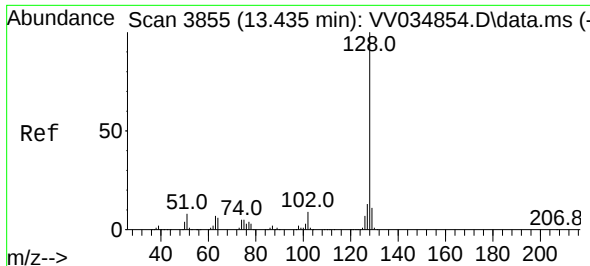
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 29.1 24.1 36.1

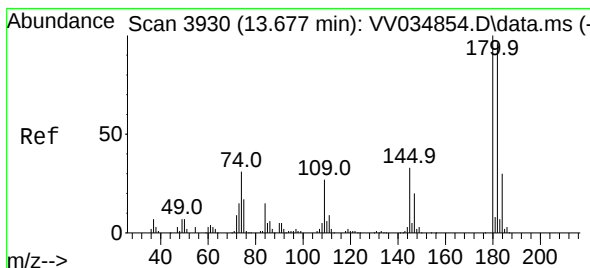
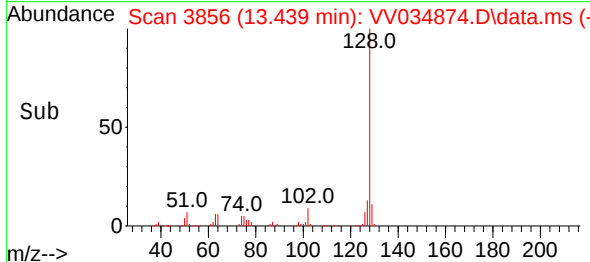
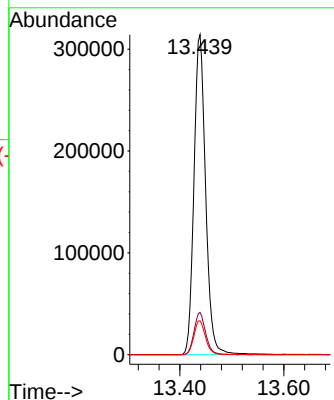
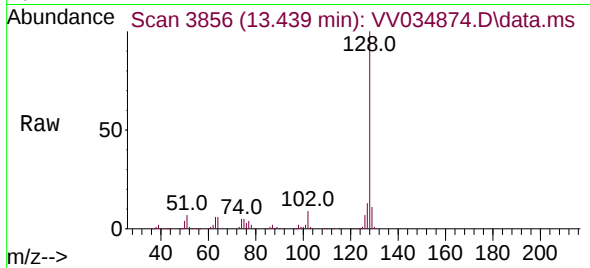




#71
Naphthalene
Concen: 44.890 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 489746
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.789 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034874.D
Acq: 27 Mar 2024 18:52

Tgt Ion:180 Resp: 181364
Ion Ratio Lower Upper
180 100
182 93.6 76.2 114.2
145 31.3 25.8 38.6

