

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037871.D
 Acq On : 16 Oct 2024 10:38
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:56:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	298622	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	313736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	172950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	208753	8.015	ug/L	0.00
7) Chloroethane-d5	1.529	69	183292	8.804	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	96276	8.520	ug/L	0.00
20) 2-Butanone-d5	3.805	46	503522	107.903	ug/L	0.00
24) Chloroform-d	4.239	84	448608	10.409	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	205166	10.074	ug/L	0.00
32) Benzene-d6	4.950	84	859385	9.883	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	260174	9.690	ug/L	0.00
41) Toluene-d8	7.233	98	812069	10.380	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	99746	10.348	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	455010	111.608	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	208222	9.925	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	290713	9.570	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	305793	10.824	ug/L	99
3) Chloromethane	1.214	50	295524	9.195	ug/L	99
5) Vinyl chloride	1.281	62	305332	9.637	ug/L	98
6) Bromomethane	1.487	94	183913	9.959	ug/L	99
8) Chloroethane	1.548	64	185058	9.501	ug/L	99
9) Trichlorofluoromethane	1.709	101	403290	10.504	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	235539	10.101	ug/L	98
12) 1,1-Dichloroethene	2.063	96	227369	10.111	ug/L	93
13) Acetone	2.153	43	354665	107.015	ug/L	99
14) Carbon disulfide	2.233	76	773544	10.799	ug/L	99
15) Methyl Acetate	2.387	43	85026	9.912	ug/L	93
16) Methylene chloride	2.442	84	259737	9.200	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	548597	10.752	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	248543	10.675	ug/L	96
19) 1,1-Dichloroethane	3.104	63	450347	9.867	ug/L	98
21) 2-Butanone	3.886	43	555815	104.792	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	264723	11.016	ug/L	98
23) Bromochloromethane	4.140	128	122738	11.260	ug/L	98
25) Chloroform	4.265	83	479996	10.647	ug/L	99
27) 1,2-Dichloroethane	5.034	62	264345	10.055	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	411064	10.519	ug/L	98
30) Cyclohexane	4.574	56	356768	9.811	ug/L	98
31) Carbon tetrachloride	4.725	117	356067	10.587	ug/L	99
33) Benzene	5.002	78	1012695	10.397	ug/L	100
34) Trichloroethene	5.825	95	268079	10.449	ug/L	98
35) Methylcyclohexane	6.040	83	400413	10.532	ug/L	98
37) 1,2-Dichloropropane	6.085	63	251579	9.949	ug/L	100
38) Bromodichloromethane	6.426	83	325892	10.429	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	382794	11.226	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	1401180	104.771	ug/L	99
42) Toluene	7.307	91	1099019	10.891	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	314747	11.345	ug/L	98

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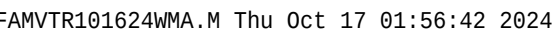
Instrument :
 MSVOA_V
 ClientSampleId :

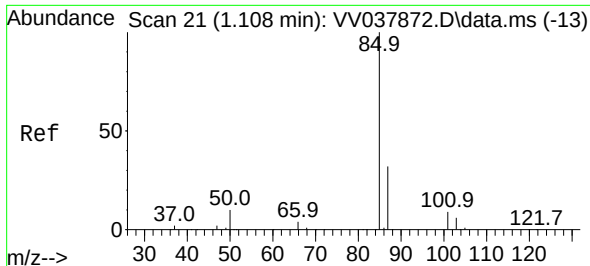
Quant Time: Oct 17 01:56:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	189331	10.567	ug/L	98
47) Tetrachloroethene	7.895	164	206991	10.197	ug/L	99
48) 2-Hexanone	8.069	43	1007192	102.194	ug/L	99
49) Dibromochloromethane	8.169	129	215340	11.377	ug/L	94
50) 1,2-Dibromoethane	8.275	107	179280	10.572	ug/L	96
51) Chlorobenzene	8.805	112	706967	10.635	ug/L	99
52) Ethylbenzene	8.937	91	1197546	11.007	ug/L	100
53) m,p-Xylene	9.066	106	463058	11.478	ug/L	97
54) o-Xylene	9.471	106	441537	11.357	ug/L	97
55) Styrene	9.487	104	787946	11.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	226658	10.357	ug/L	100
59) Bromoform	9.657	173	116912	11.192	ug/L	96
60) Isopropylbenzene	9.860	105	1195018	10.869	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	150615	8.905	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	963186	10.857	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	980424	11.202	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	579266	10.401	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	585234	10.027	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	532143	10.304	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	32875	9.684	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	409449	9.819	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	337029	9.598	ug/L	98
71) Naphthalene	13.432	128	498068	9.524	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	298189	9.639	ug/L	99

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

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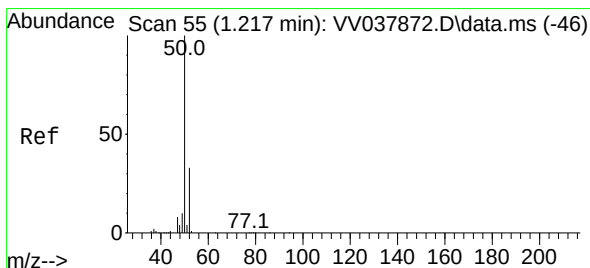
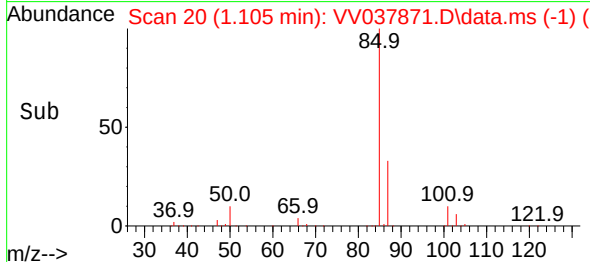
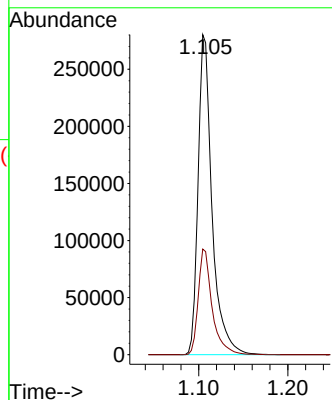
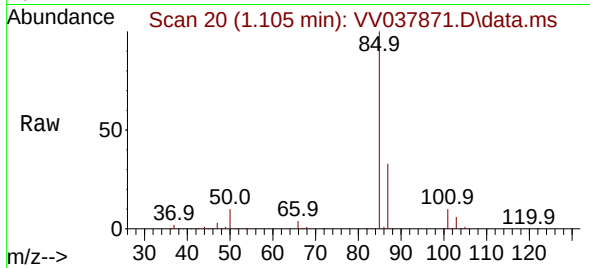




#2
 Dichlorodifluoromethane
 Concen: 10.824 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037871.D
 Acq: 16 Oct 2024 10:38

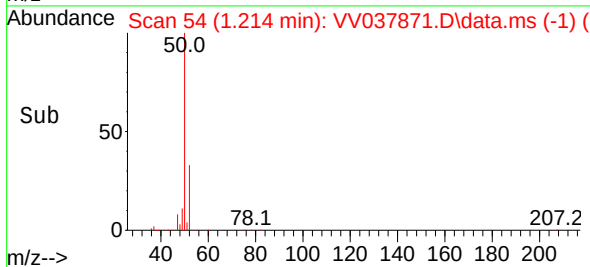
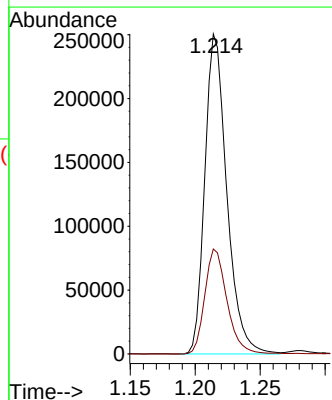
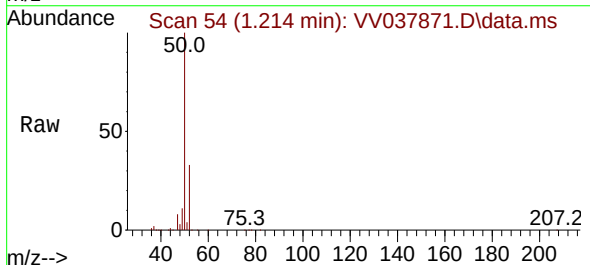
Instrument :
 MSVOA_V
 ClientSampleId :

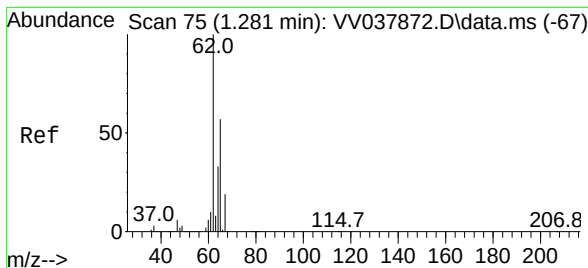
Tgt Ion: 85 Resp: 305793
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 9.195 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV037871.D
 Acq: 16 Oct 2024 10:38

Tgt Ion: 50 Resp: 295524
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.3





#5

Vinyl chloride

Concen: 9.637 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

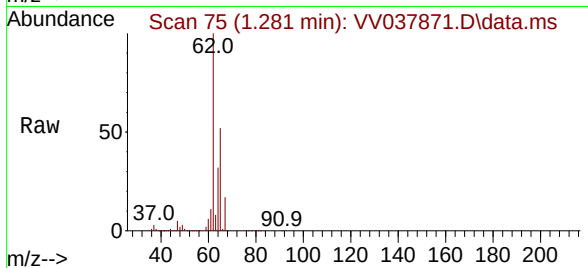
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Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

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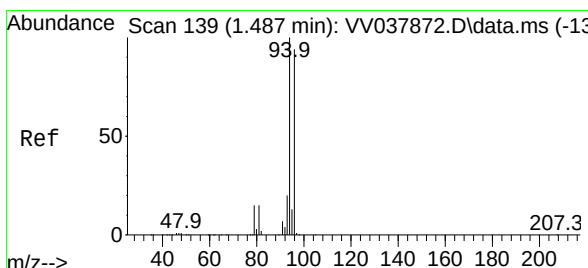
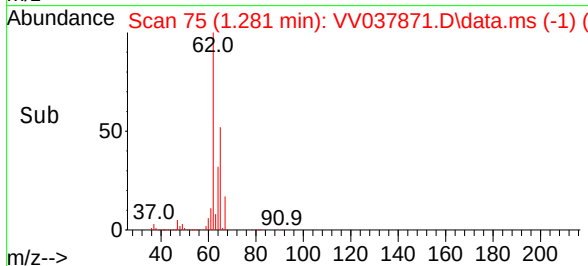
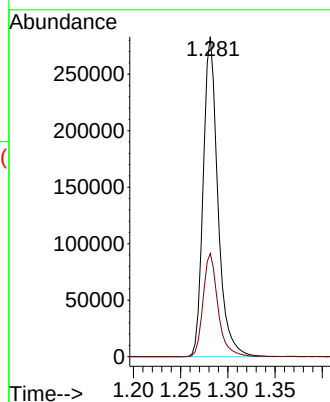


Tgt Ion: 62 Resp: 305332

Ion Ratio Lower Upper

62 100

64 32.2 23.4 43.6



#6

Bromomethane

Concen: 9.959 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV037871.D

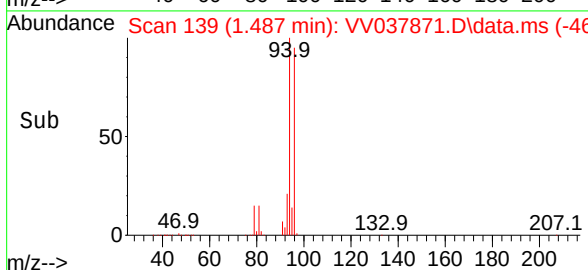
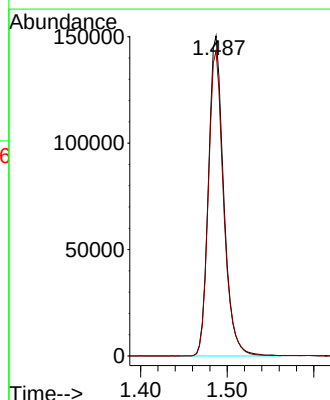
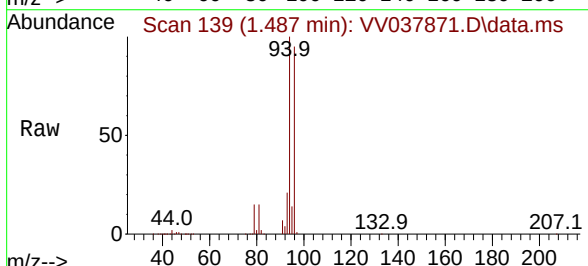
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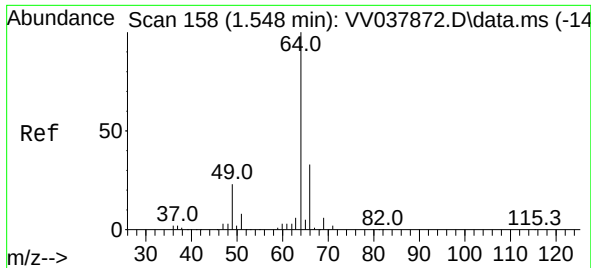
Tgt Ion: 94 Resp: 183913

Ion Ratio Lower Upper

94 100

96 95.4 66.1 122.7

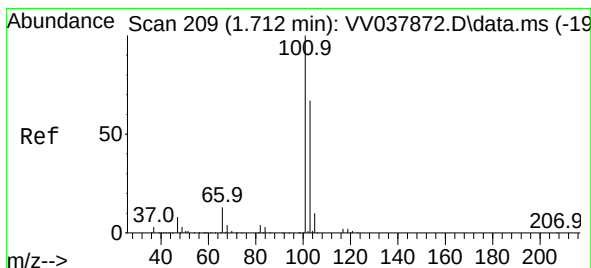
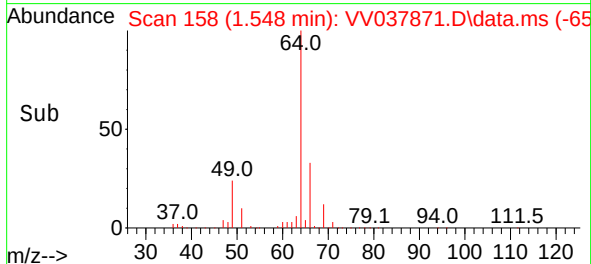
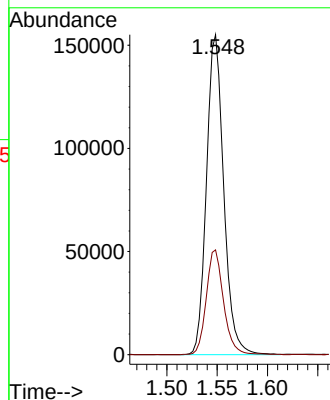
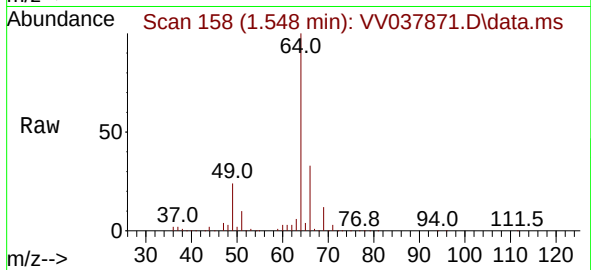




#8
Chloroethane
Concen: 9.501 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

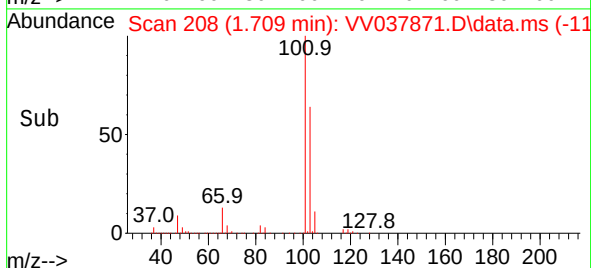
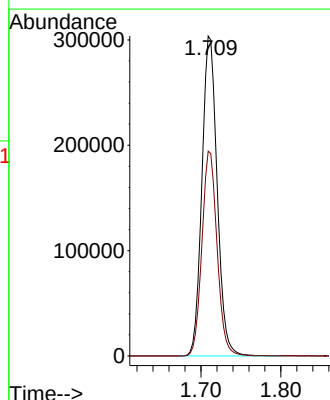
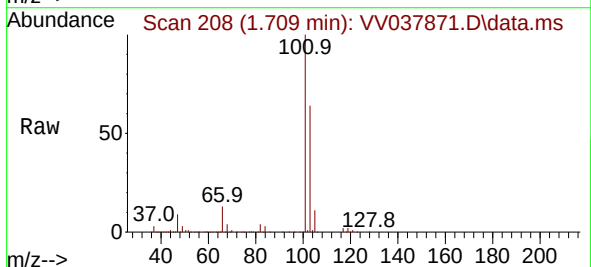
Instrument :
MSVOA_V
ClientSampleId :

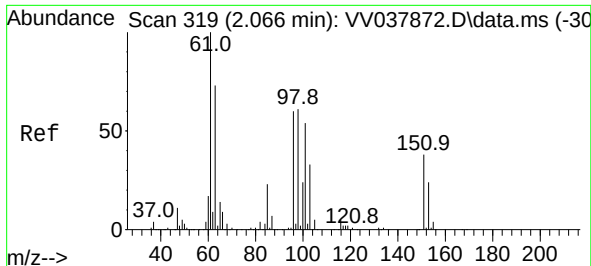
Tgt Ion: 64 Resp: 185058
Ion Ratio Lower Upper
64 100
66 32.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 10.504 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion:101 Resp: 403290
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2





#10

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

Concen: 10.101 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

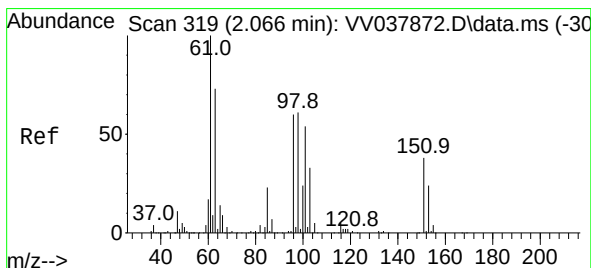
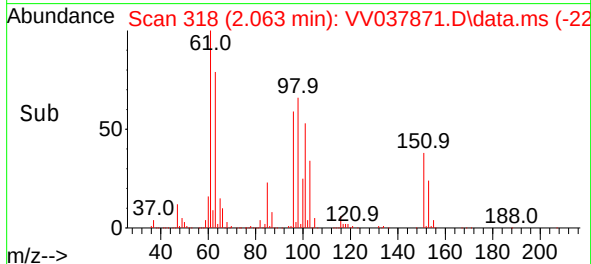
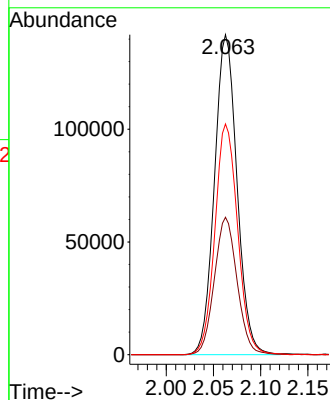
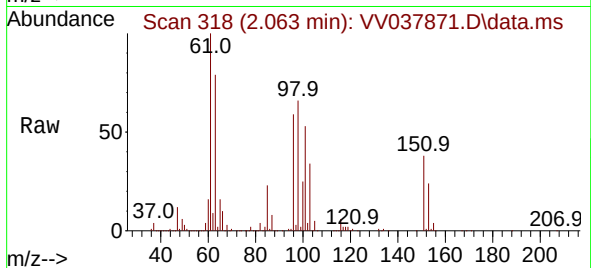
Tgt Ion:101 Resp: 235539

Ion Ratio Lower Upper

101 100

85 43.4 33.6 50.4

151 72.9 57.3 85.9



#12

1,1-Dichloroethene

Concen: 10.111 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

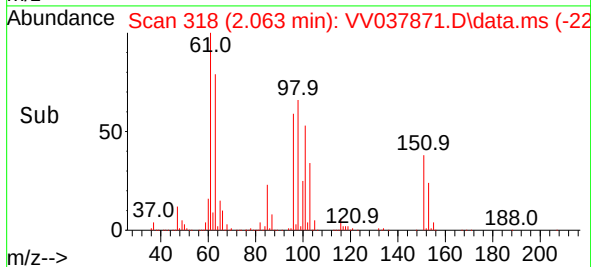
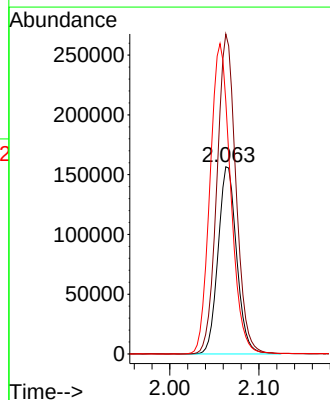
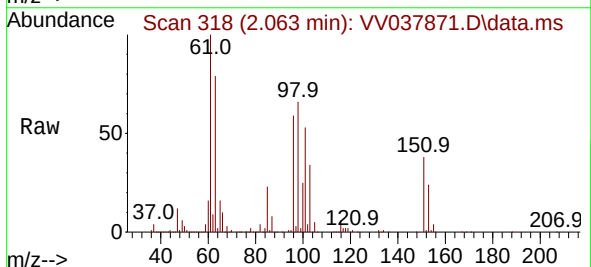
Tgt Ion: 96 Resp: 227369

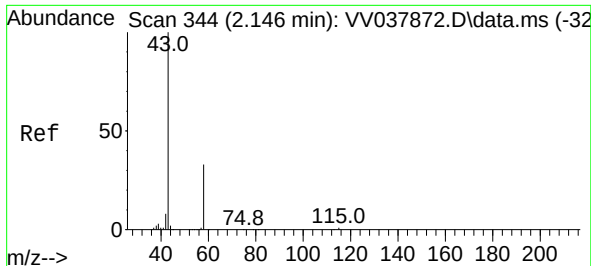
Ion Ratio Lower Upper

96 100

61 170.9 116.3 215.9

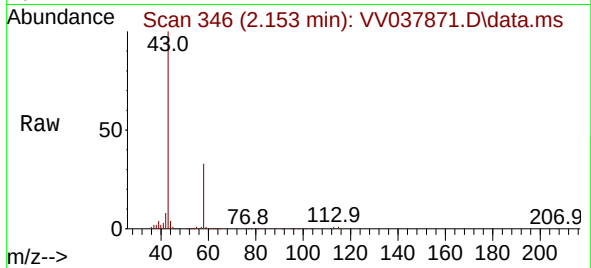
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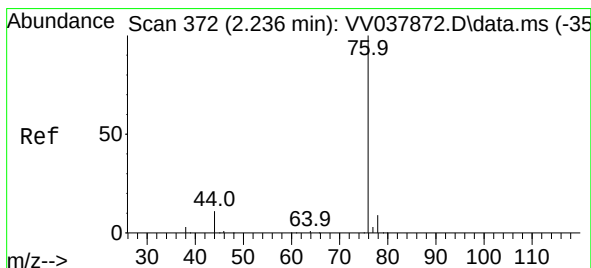
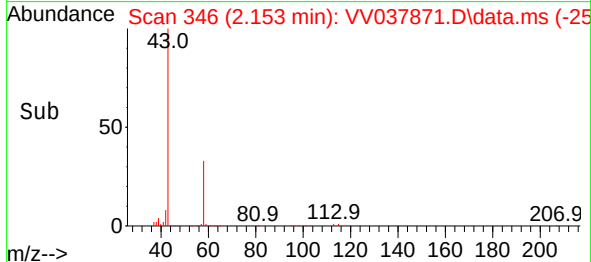
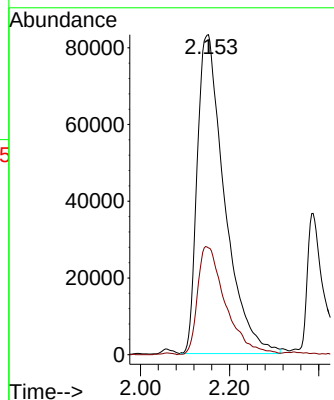


#13
Acetone
Concen: 107.015 ug/L
RT: 2.153 min Scan# 344
Delta R.T. 0.006 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :

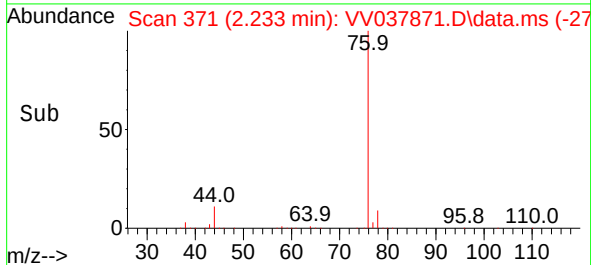
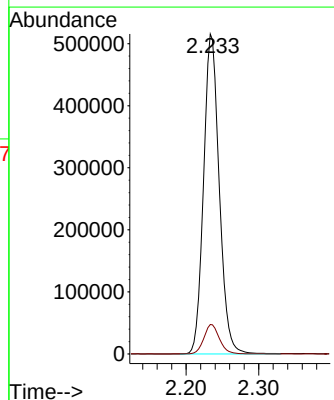
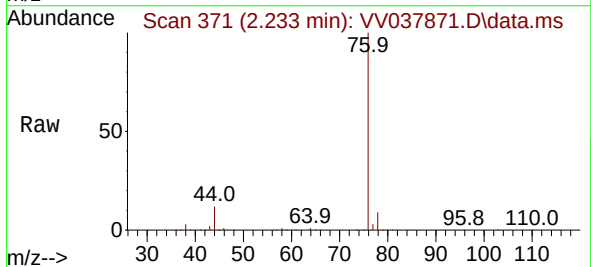


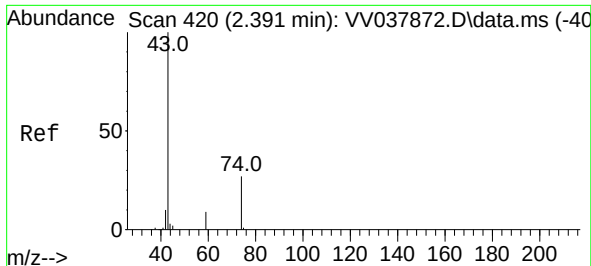
Tgt Ion: 43 Resp: 354665
Ion Ratio Lower Upper
43 100
58 34.6 0.0 70.6



#14
Carbon disulfide
Concen: 10.799 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion: 76 Resp: 773544
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 9.912 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

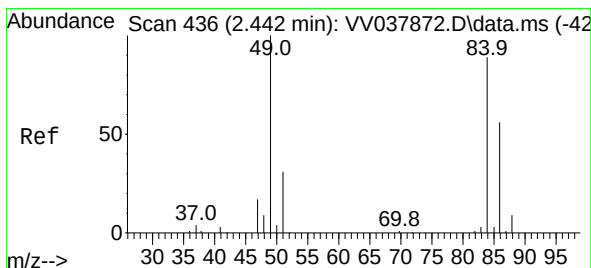
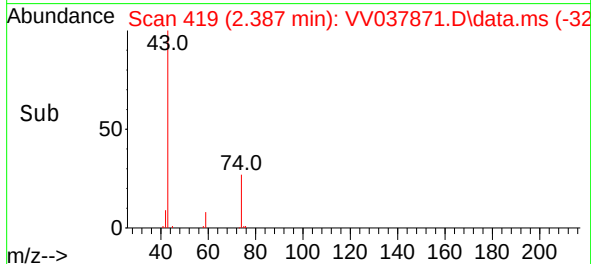
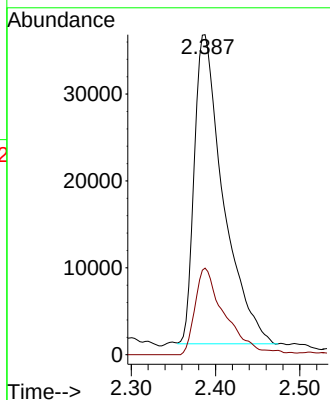
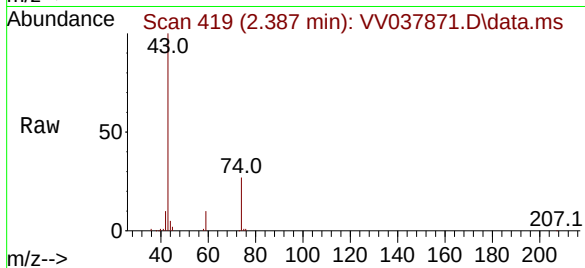
ClientSampleId :

Tgt Ion: 43 Resp: 85026

Ion Ratio Lower Upper

43 100

74 28.9 20.4 30.6



#16

Methylene chloride

Concen: 9.200 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

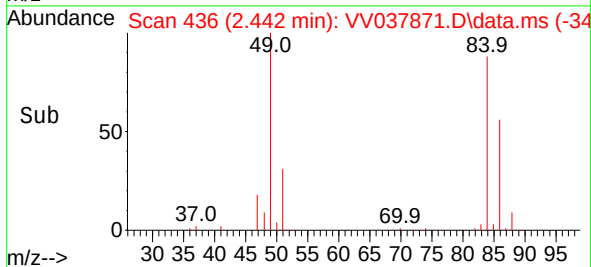
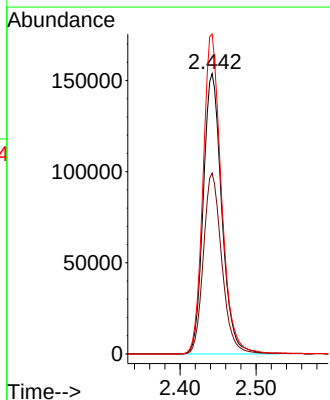
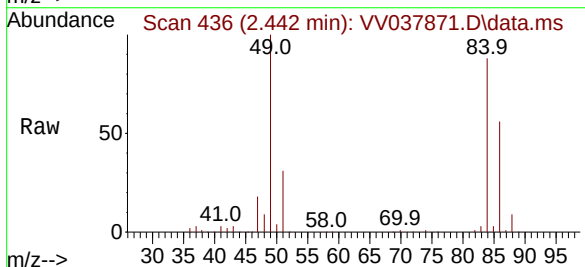
Tgt Ion: 84 Resp: 259737

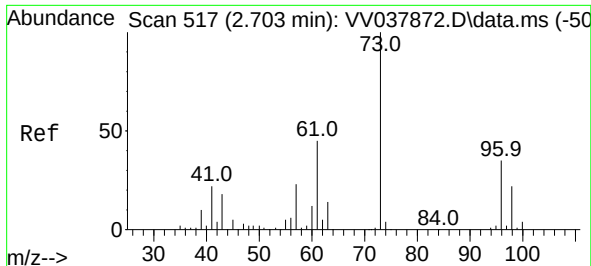
Ion Ratio Lower Upper

84 100

86 64.5 44.0 81.6

49 114.1 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 10.752 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

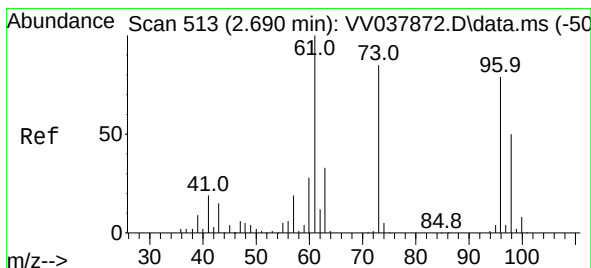
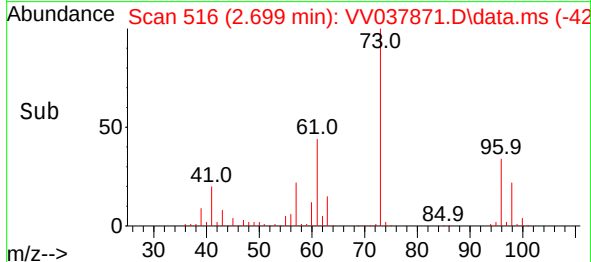
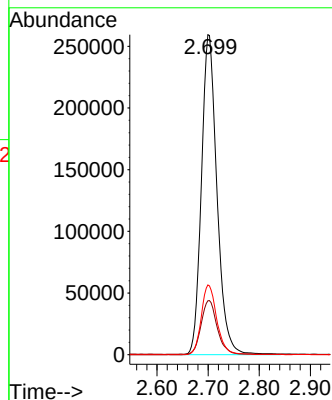
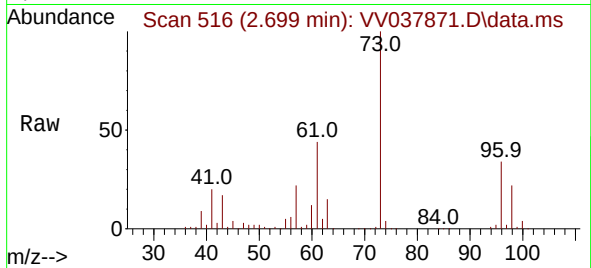
Tgt Ion: 73 Resp: 548597

Ion Ratio Lower Upper

73 100

43 17.1 14.2 21.2

57 21.8 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 10.675 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

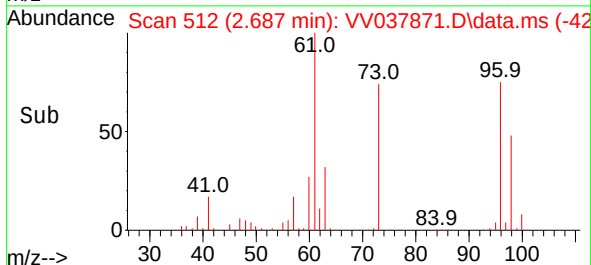
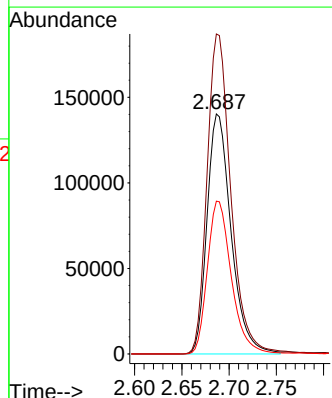
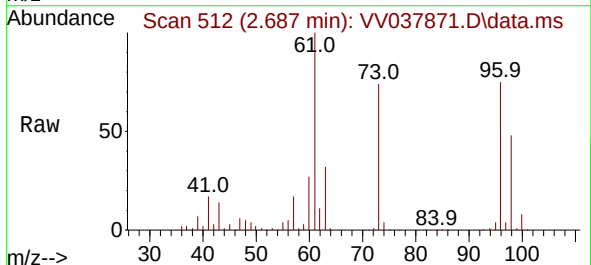
Tgt Ion: 96 Resp: 248543

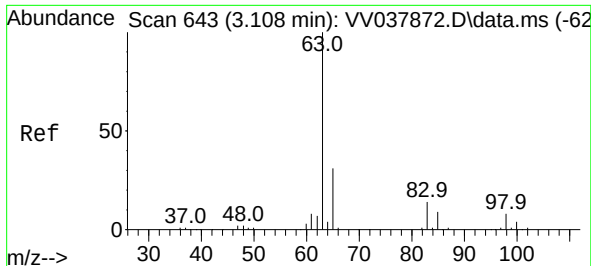
Ion Ratio Lower Upper

96 100

61 133.3 88.4 164.2

98 63.6 44.6 82.8

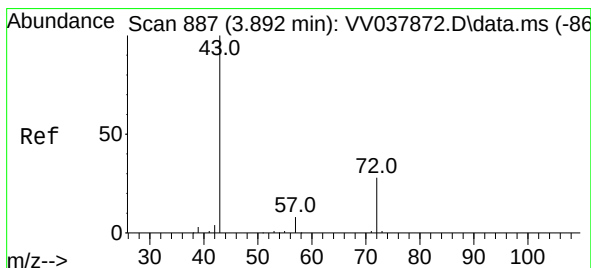
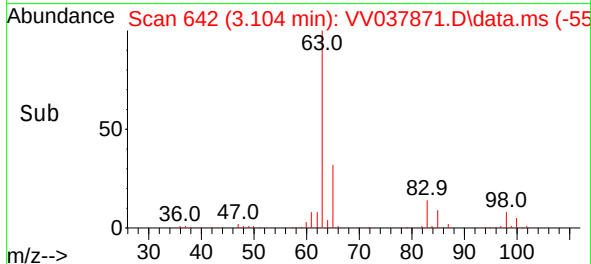
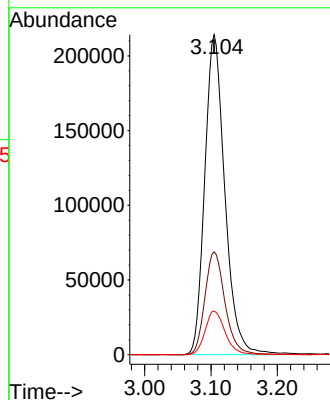
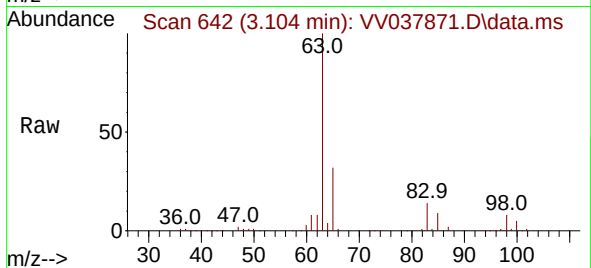




#19
1,1-Dichloroethane
Concen: 9.867 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

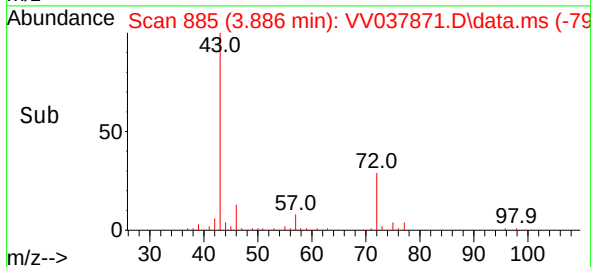
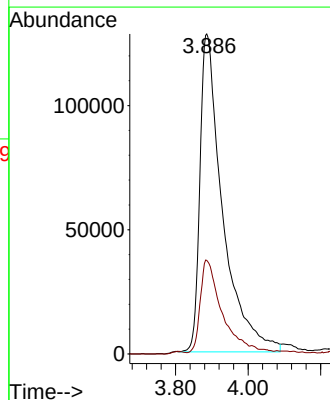
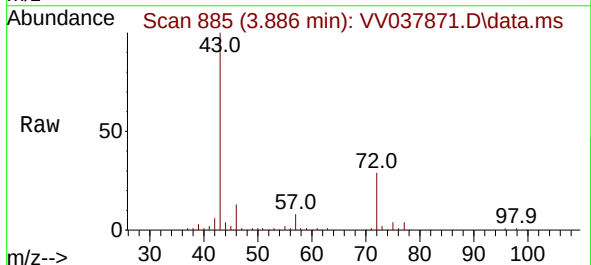
Instrument :
MSVOA_V
ClientSampleId :

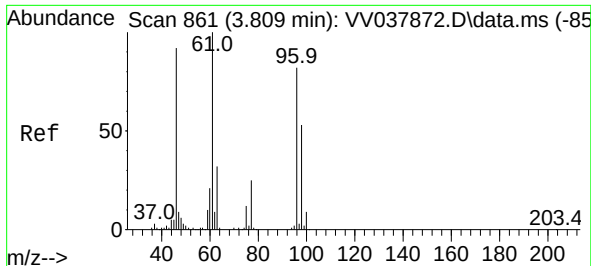
Tgt Ion: 63 Resp: 450347
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.4
83 13.7 9.9 18.3



#21
2-Butanone
Concen: 104.792 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.006 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion: 43 Resp: 555815
Ion Ratio Lower Upper
43 100
72 26.8 13.0 38.9





#22

cis-1,2-Dichloroethene

Concen: 11.016 ug/L

RT: 3.805 min Scan# 861

Delta R.T. -0.003 min

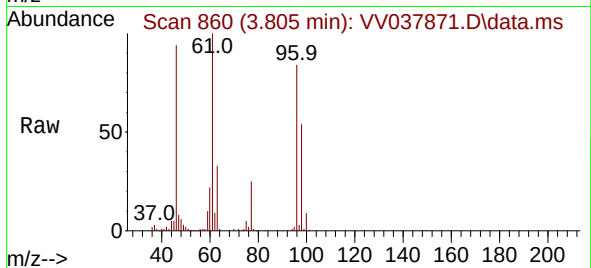
Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :



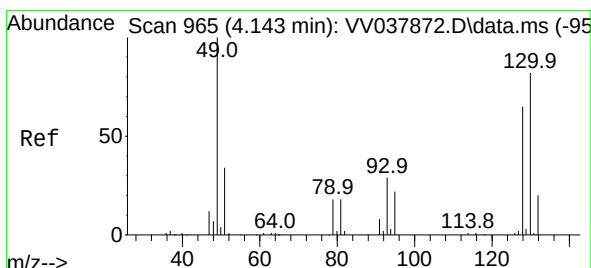
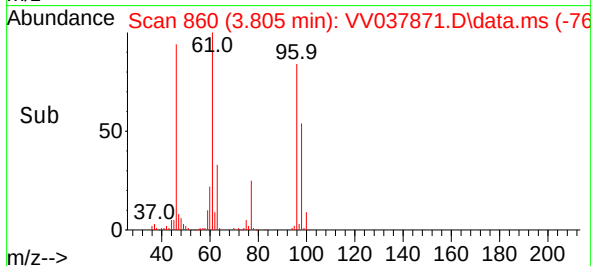
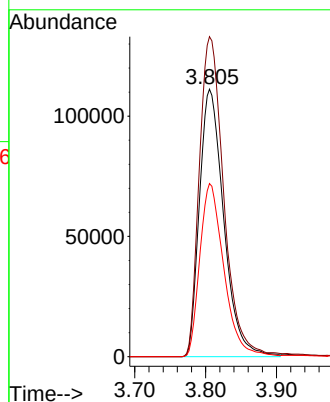
Tgt Ion: 96 Resp: 264723

Ion Ratio Lower Upper

96 100

61 119.6 85.5 158.9

98 64.7 45.5 84.5



#23

Bromochloromethane

Concen: 11.260 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Tgt Ion:128 Resp: 122738

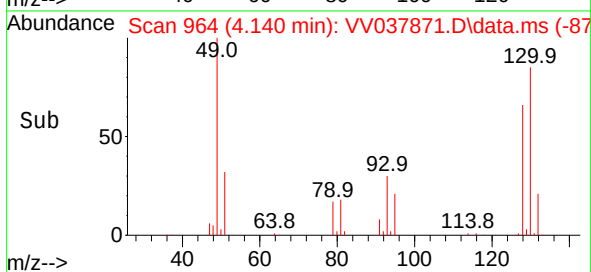
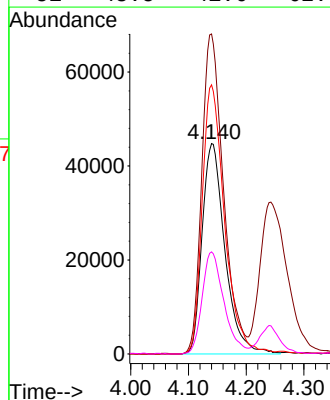
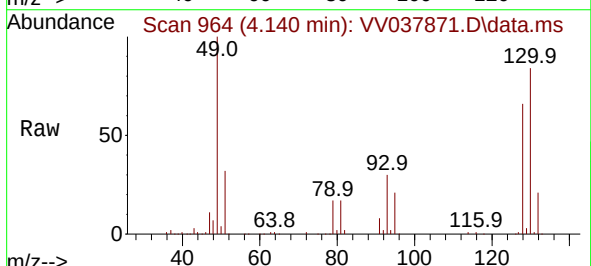
Ion Ratio Lower Upper

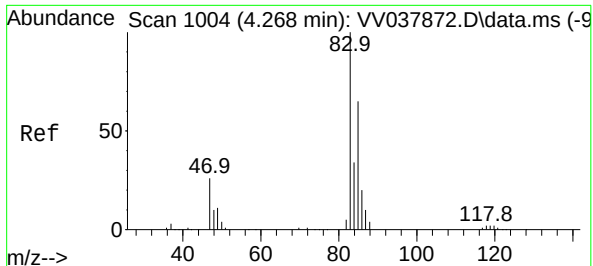
128 100

49 152.1 107.0 198.6

130 128.0 88.0 163.4

51 48.5 41.6 62.4





#25

Chloroform

Concen: 10.647 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

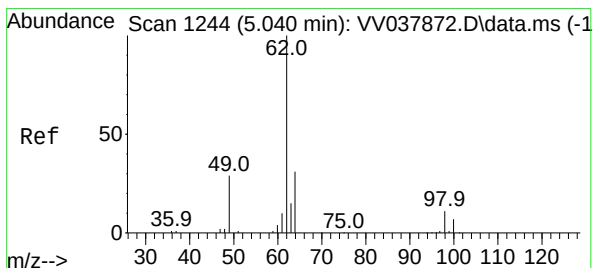
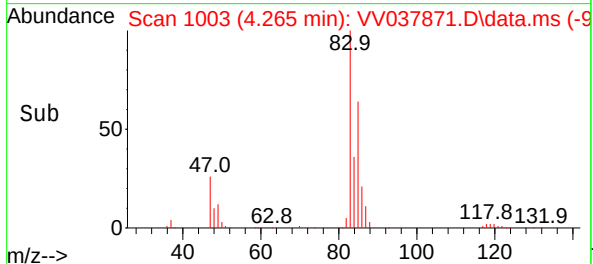
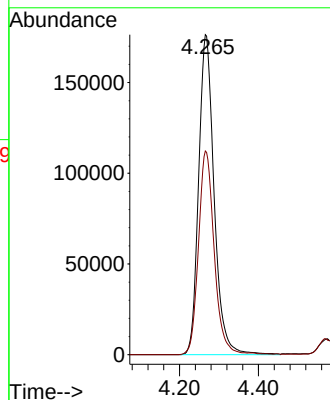
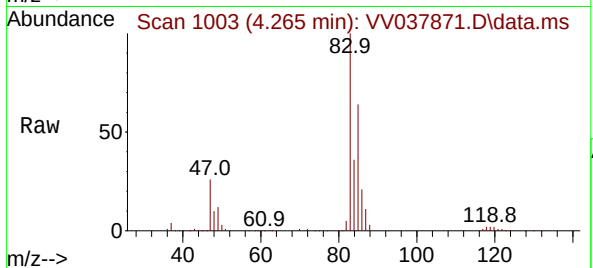
ClientSampleId :

Tgt Ion: 83 Resp: 479996

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 10.055 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VV037871.D

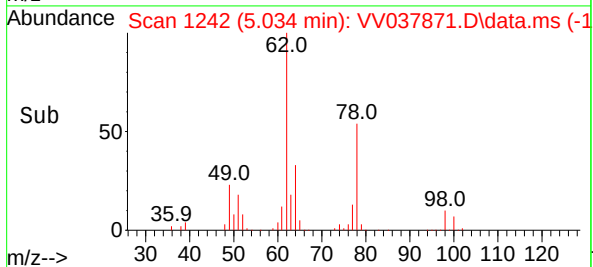
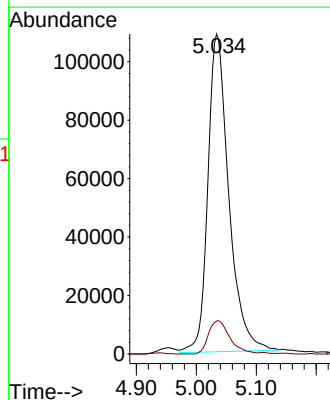
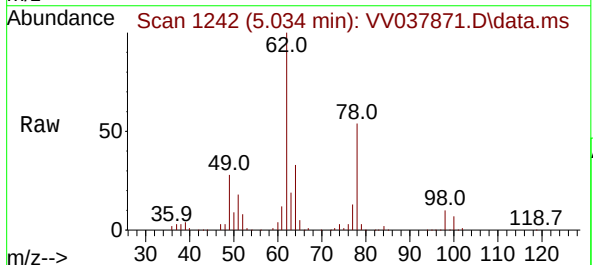
Acq: 16 Oct 2024 10:38

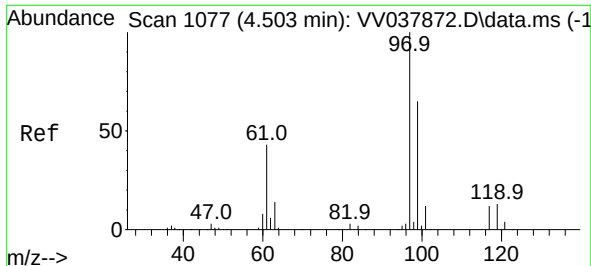
Tgt Ion: 62 Resp: 264345

Ion Ratio Lower Upper

62 100

98 10.3 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 10.519 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

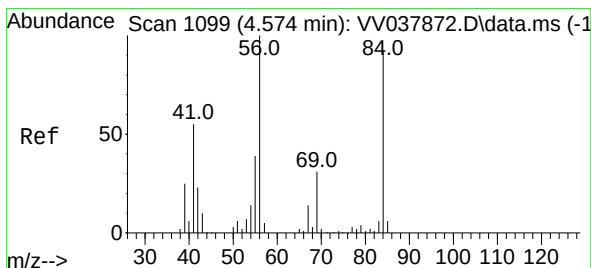
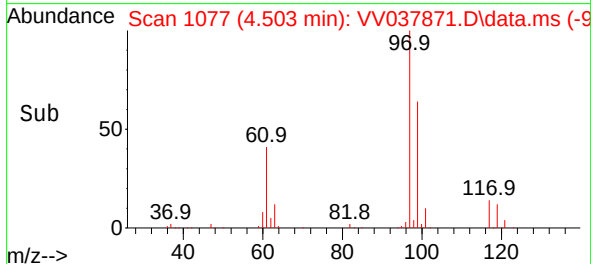
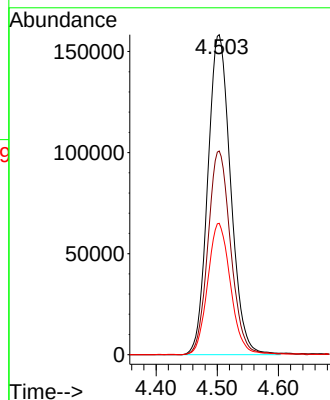
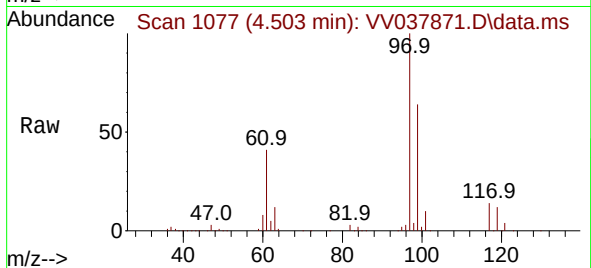
Tgt Ion: 97 Resp: 411064

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 41.2 33.9 50.9



#30

Cyclohexane

Concen: 9.811 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

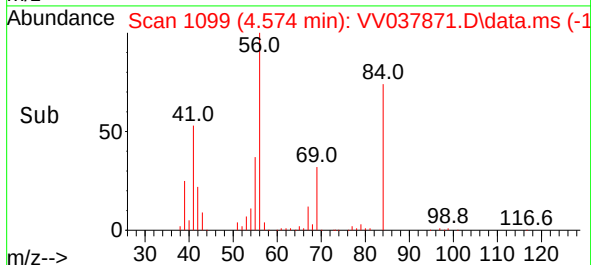
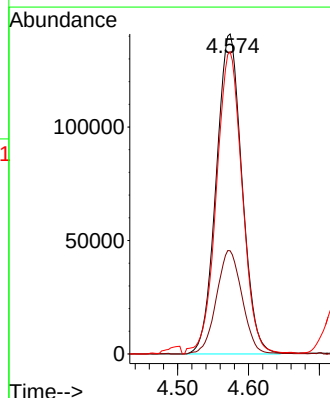
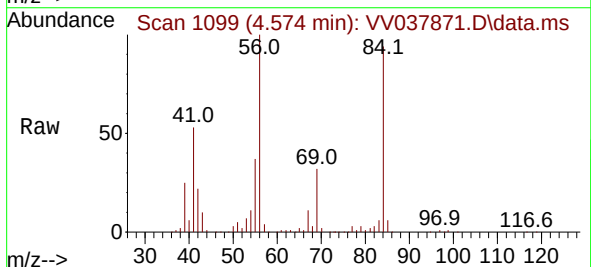
Tgt Ion: 56 Resp: 356768

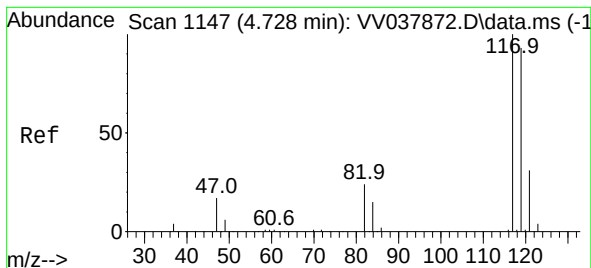
Ion Ratio Lower Upper

56 100

69 32.2 25.3 37.9

84 94.6 73.9 110.9





#31

Carbon tetrachloride

Concen: 10.587 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

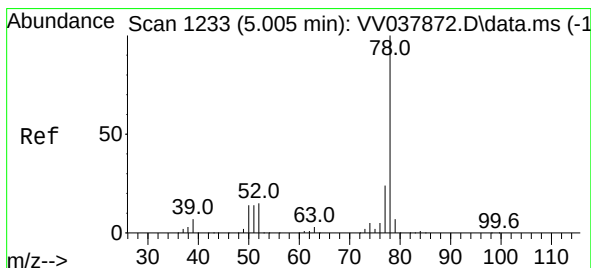
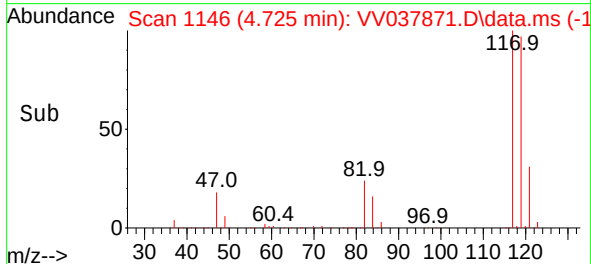
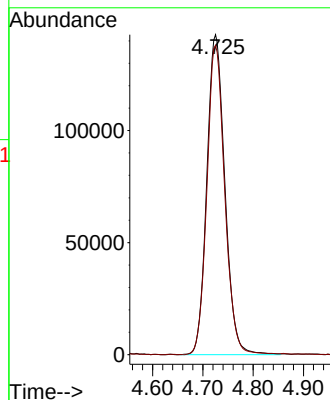
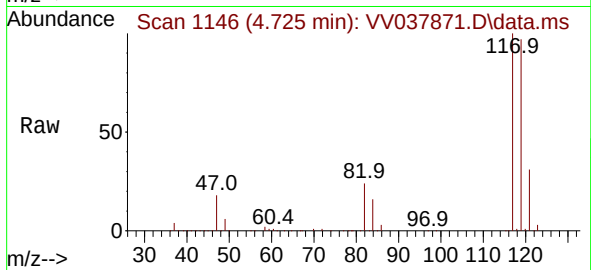
ClientSampleId :

Tgt Ion:117 Resp: 356067

Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.0



#33

Benzene

Concen: 10.397 ug/L

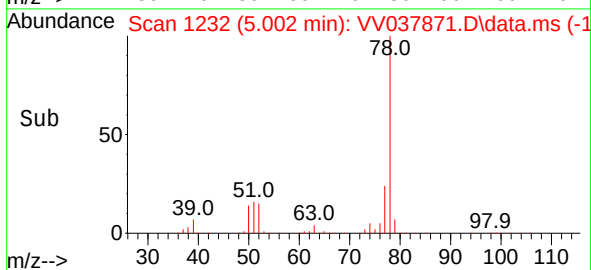
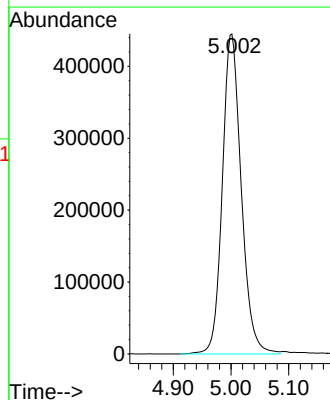
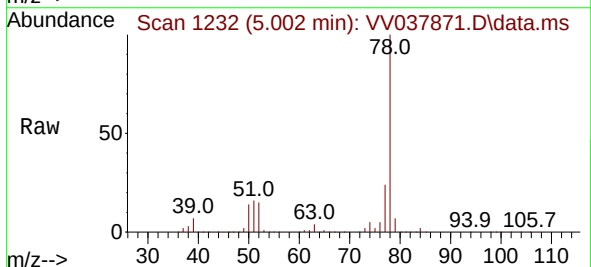
RT: 5.002 min Scan# 1232

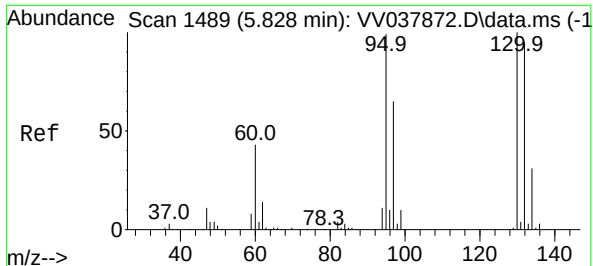
Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Tgt Ion: 78 Resp: 1012695





#34

Trichloroethene

Concen: 10.449 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 268079

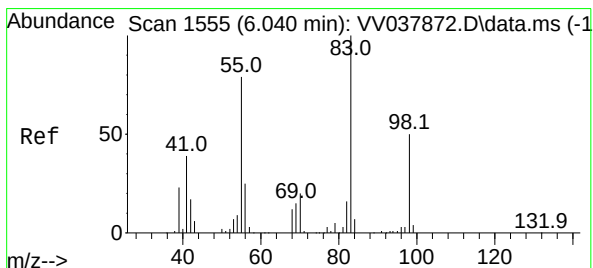
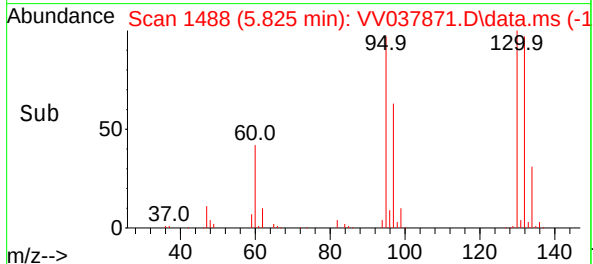
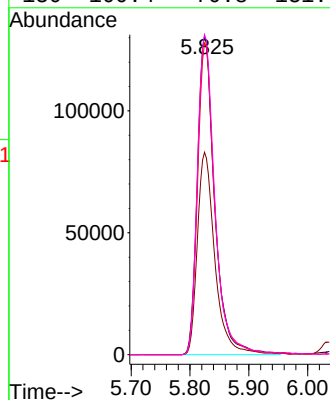
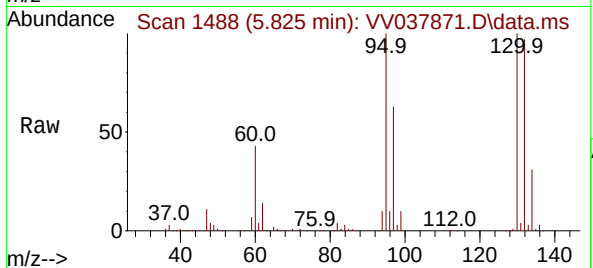
Ion Ratio Lower Upper

95 100

97 63.5 46.1 85.5

132 97.7 67.3 124.9

130 100.4 70.8 131.6



#35

Methylcyclohexane

Concen: 10.532 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

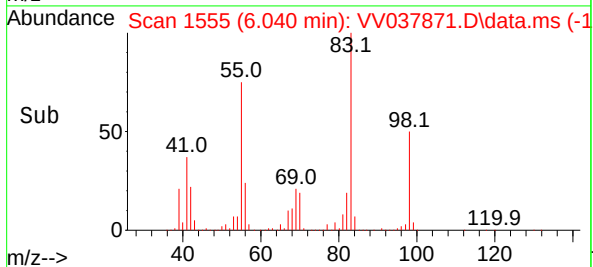
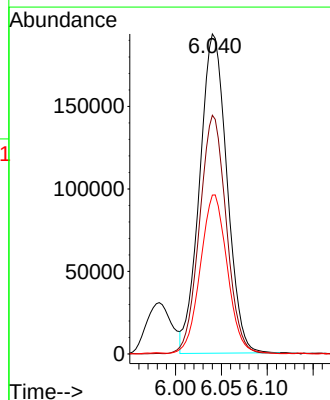
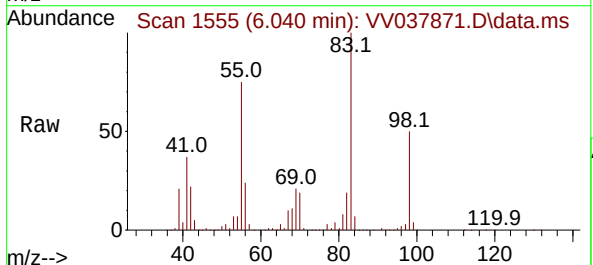
Tgt Ion: 83 Resp: 400413

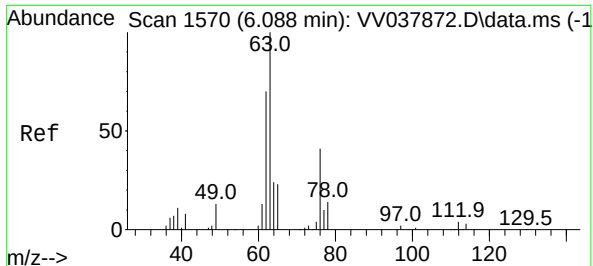
Ion Ratio Lower Upper

83 100

55 73.3 59.7 89.5

98 49.1 37.8 56.6

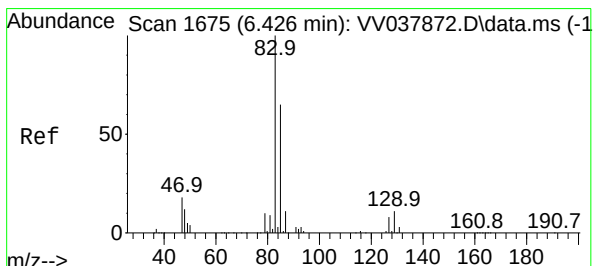
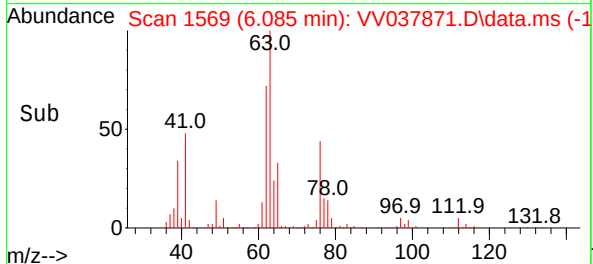
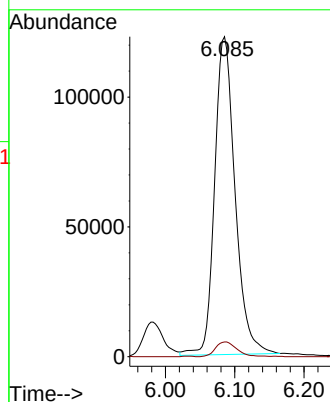
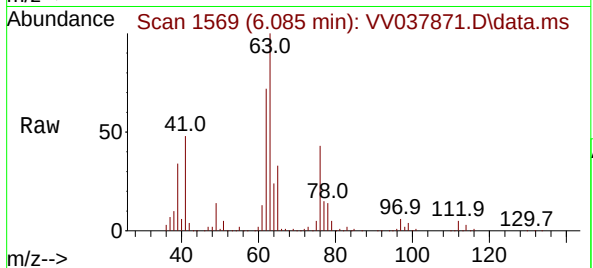




#37
1,2-Dichloropropane
Concen: 9.949 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

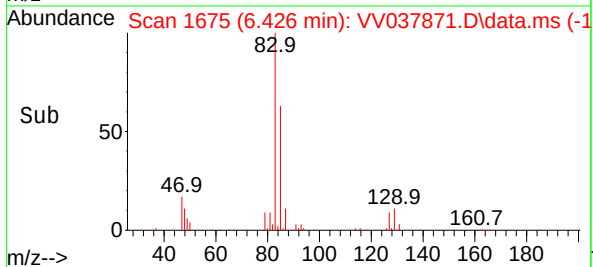
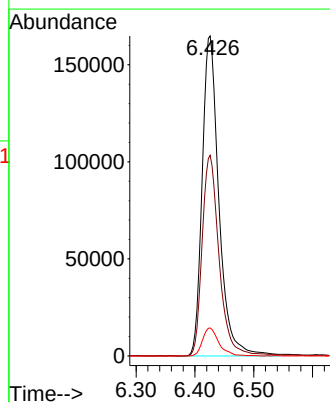
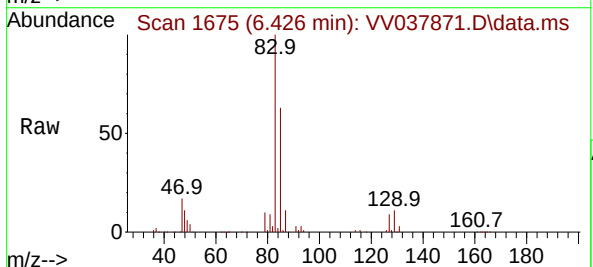
Instrument :
MSVOA_V
ClientSampleId :

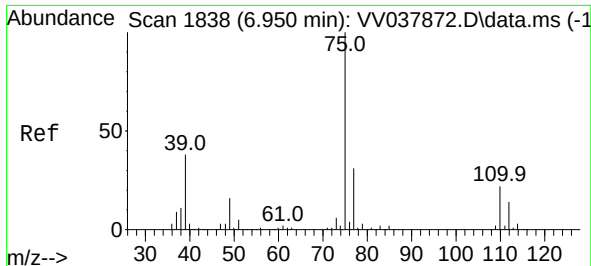
Tgt Ion: 63 Resp: 251579
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 10.429 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion: 83 Resp: 325892
Ion Ratio Lower Upper
83 100
85 62.7 45.3 84.1
127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 11.226 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min MSVOA_V

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

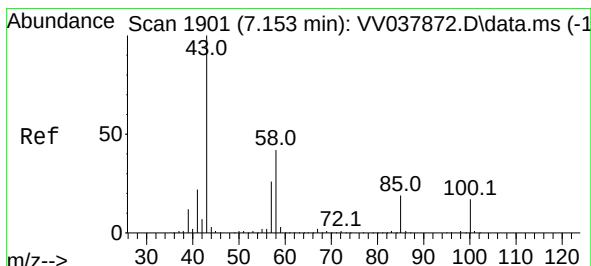
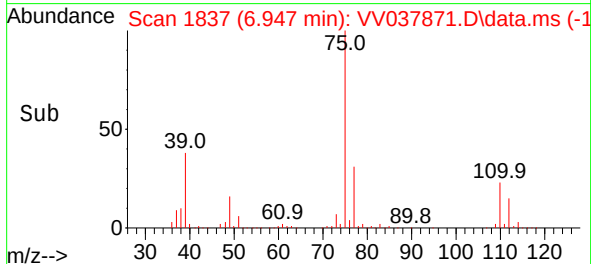
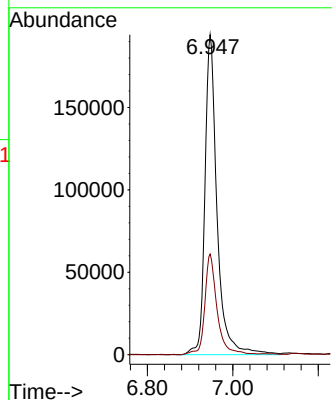
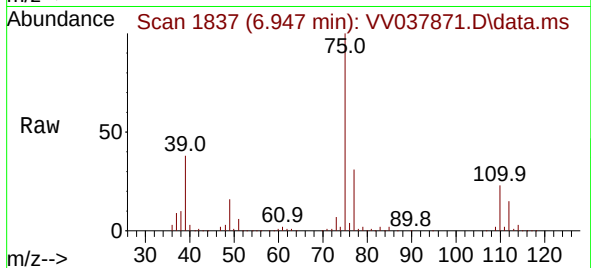
ClientSampleId :

Tgt Ion: 75 Resp: 382794

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 104.771 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

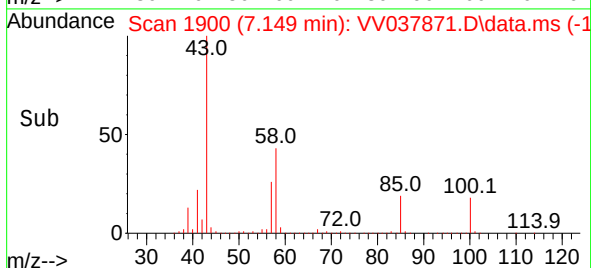
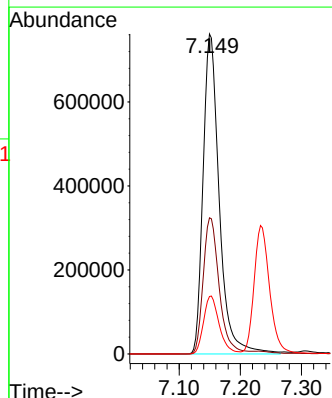
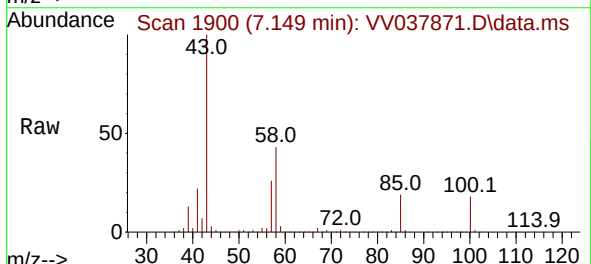
Tgt Ion: 43 Resp: 1401180

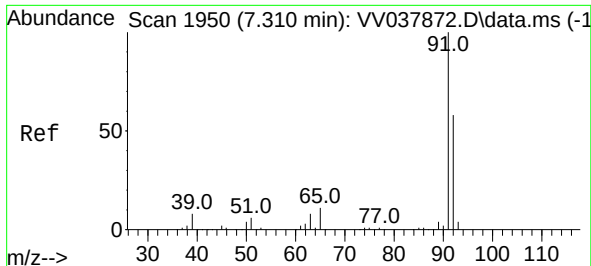
Ion Ratio Lower Upper

43 100

58 42.2 34.3 51.5

100 17.6 13.3 19.9

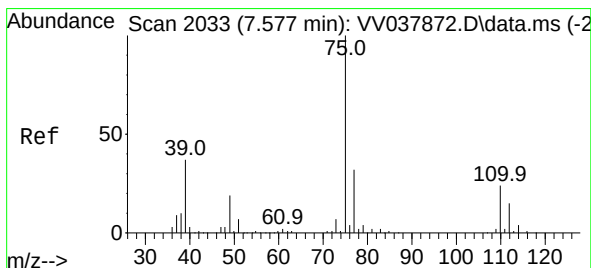
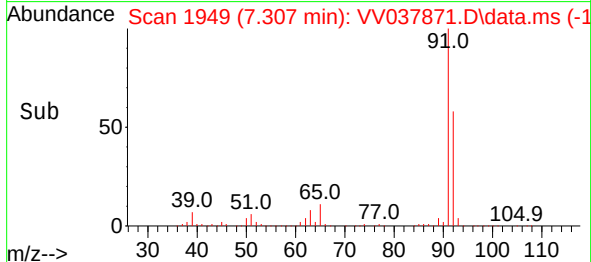
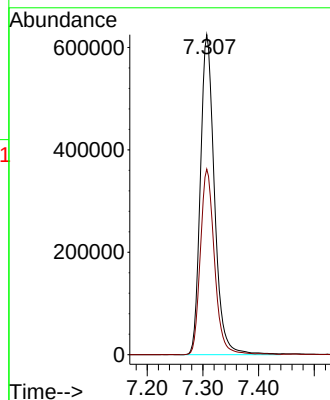
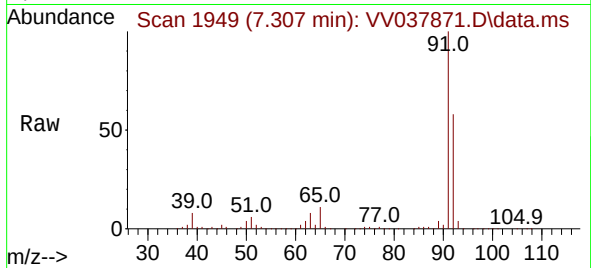




#42
Toluene
Concen: 10.891 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

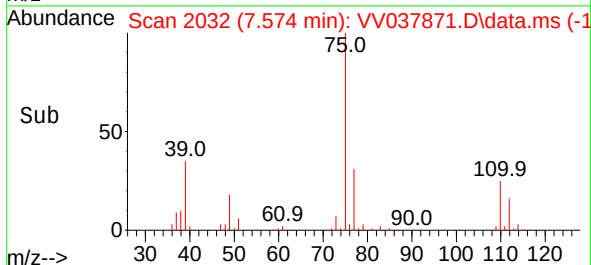
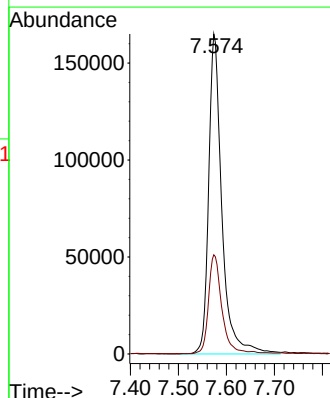
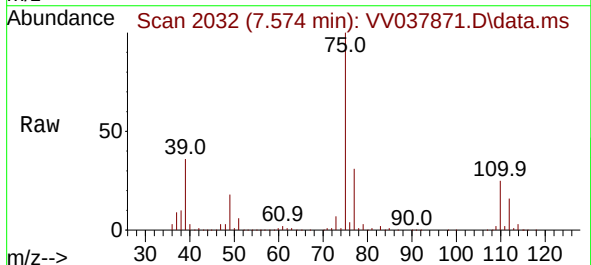
Instrument :
MSVOA_V
ClientSampleId :

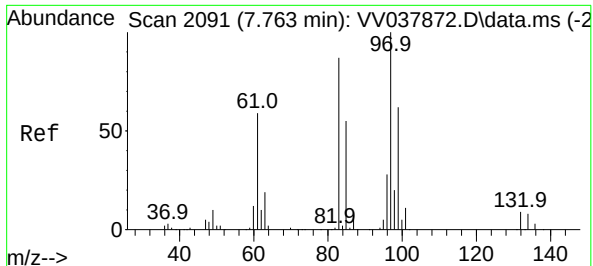
Tgt Ion: 91 Resp: 1099019
Ion Ratio Lower Upper
91 100
92 58.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 11.345 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

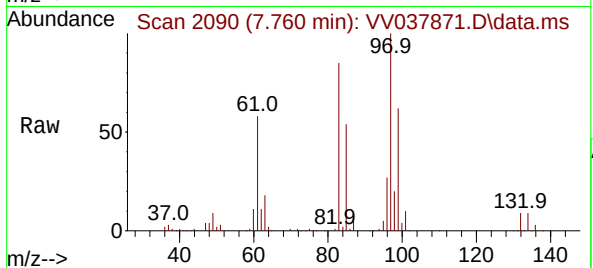
Tgt Ion: 75 Resp: 314747
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6



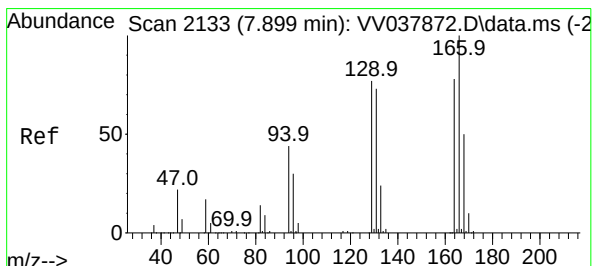
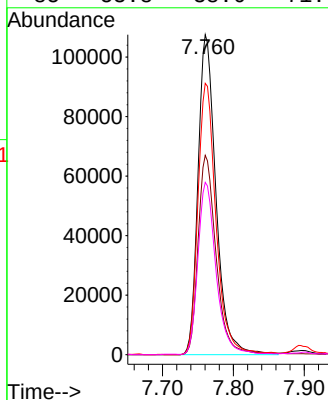
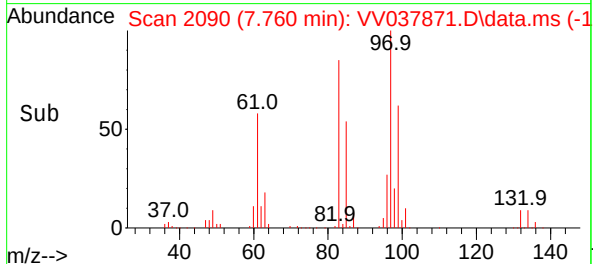


#45
1,1,2-Trichloroethane
Concen: 10.567 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

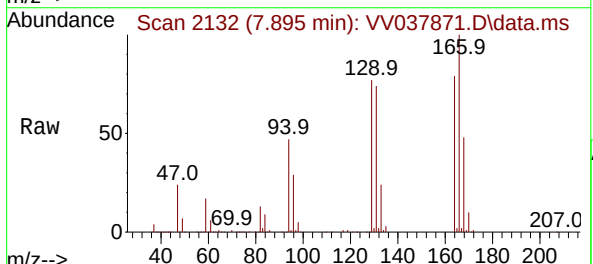
Instrument :
MSVOA_V
ClientSampleId :



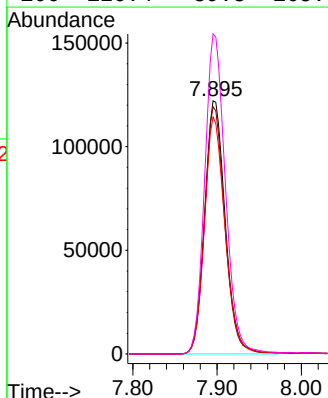
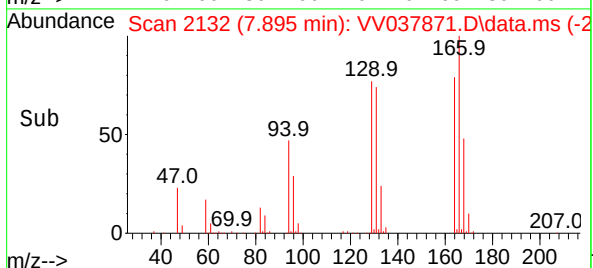
Tgt Ion:	97	Resp:	189331
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.5	80.7
83	84.8	61.0	113.2
85	53.8	38.6	71.6

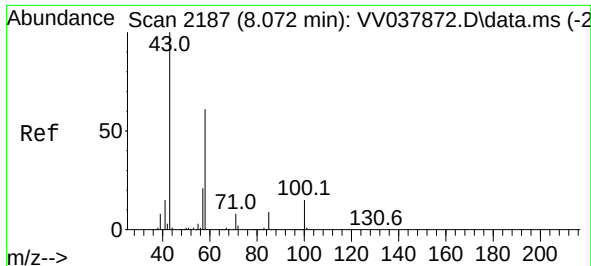


#47
Tetrachloroethene
Concen: 10.197 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38



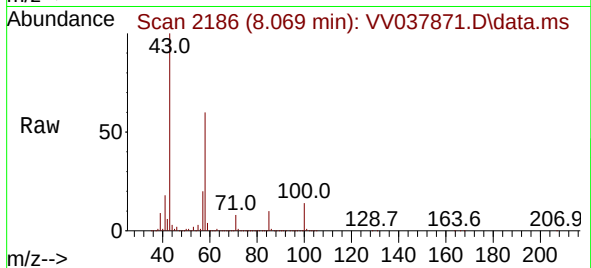
Tgt Ion:	164	Resp:	206991
Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.7	127.7
131	93.6	65.0	120.8
166	126.4	89.3	165.9





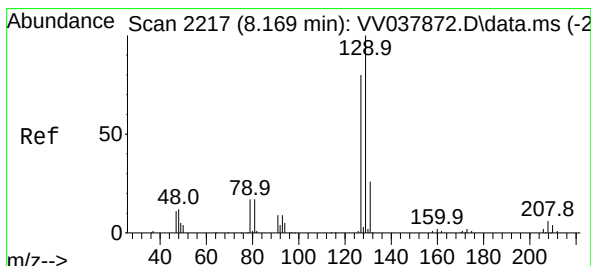
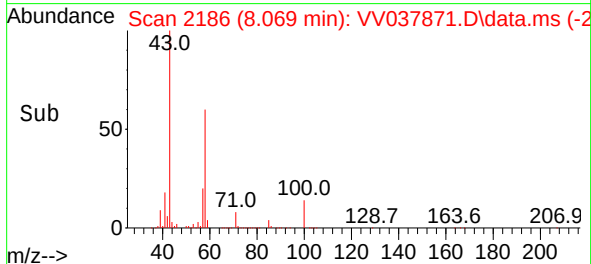
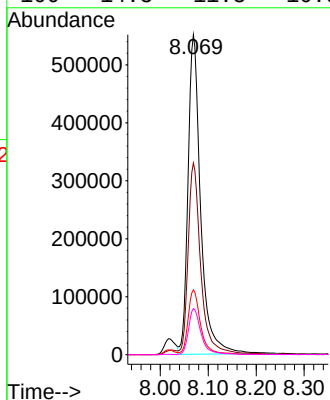
#48
2-Hexanone
Concen: 102.194 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1007192

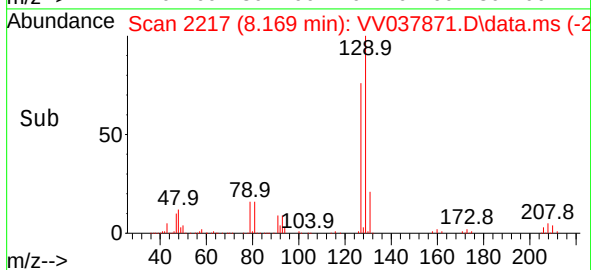
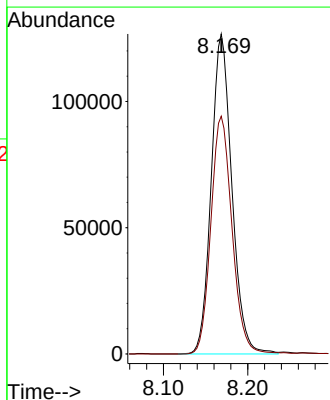
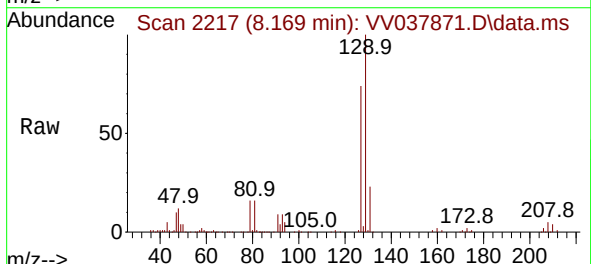
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.8	71.6
57	19.9	15.4	23.0
100	14.3	11.3	16.9

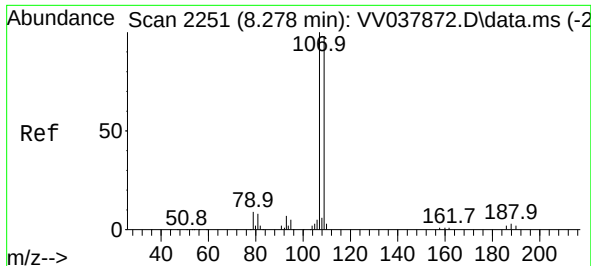


#49
Dibromochloromethane
Concen: 11.377 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion: 129 Resp: 215340

Ion	Ratio	Lower	Upper
129	100		
127	74.3	55.8	103.6





#50

1,2-Dibromoethane

Concen: 10.572 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

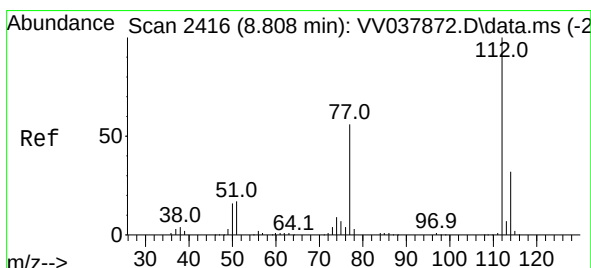
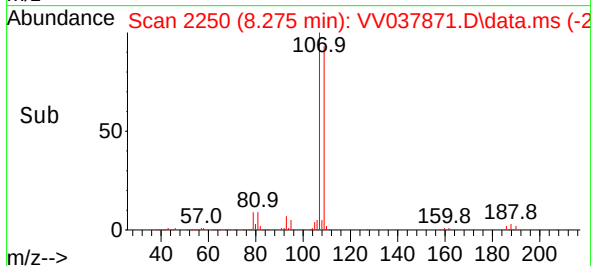
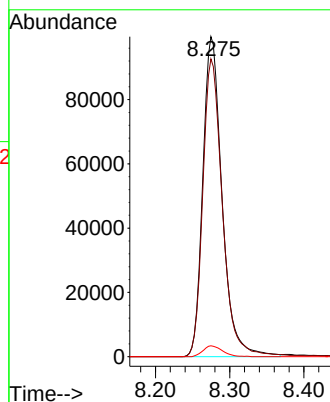
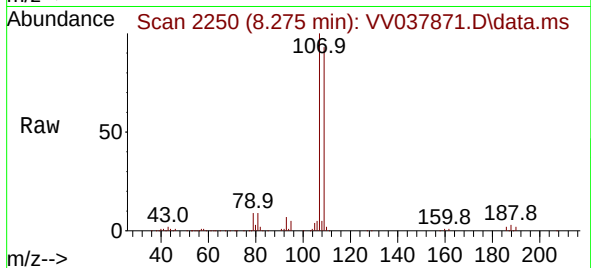
Tgt Ion:107 Resp: 179280

Ion Ratio Lower Upper

107 100

109 93.1 68.3 126.9

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 10.635 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

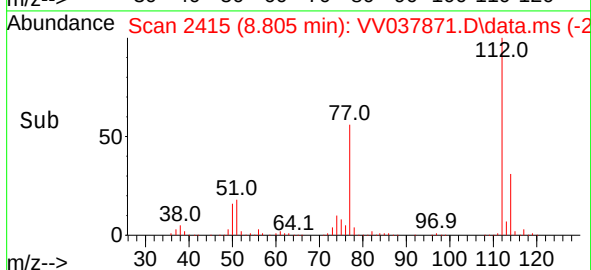
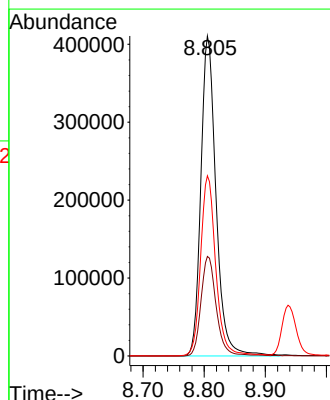
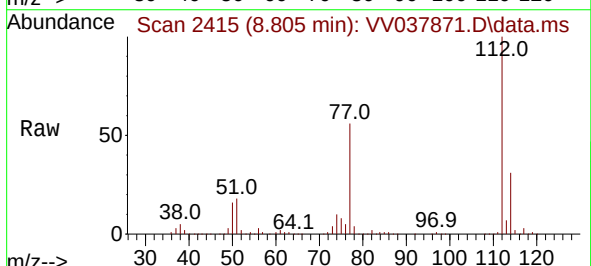
Tgt Ion:112 Resp: 706967

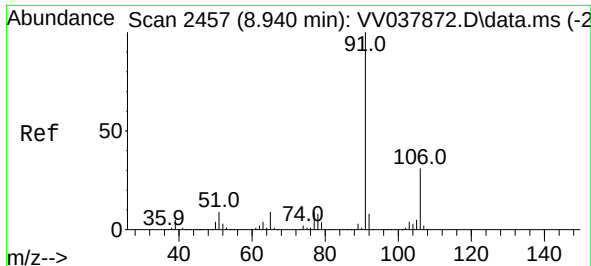
Ion Ratio Lower Upper

112 100

114 31.1 22.0 41.0

77 56.3 45.3 67.9

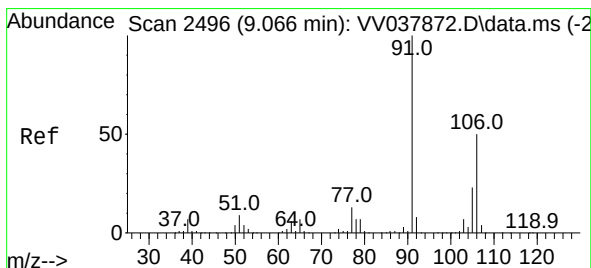
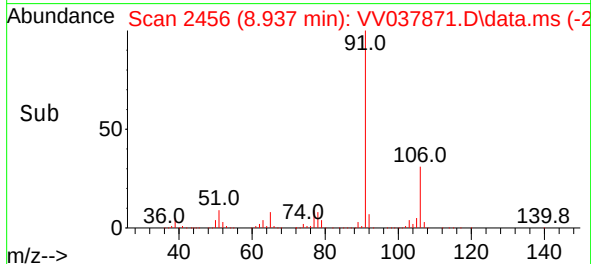
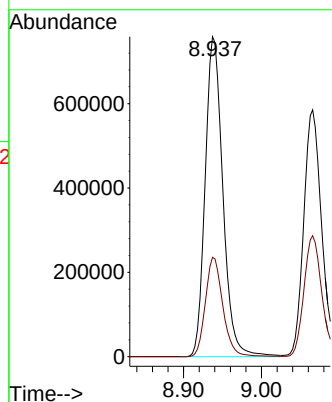
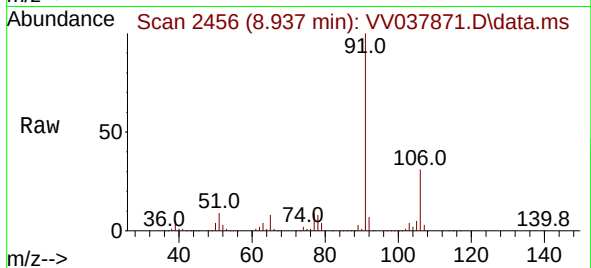




#52
Ethylbenzene
Concen: 11.007 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

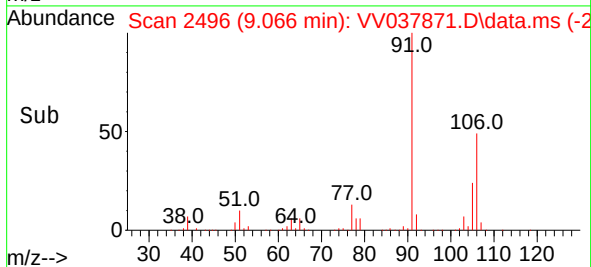
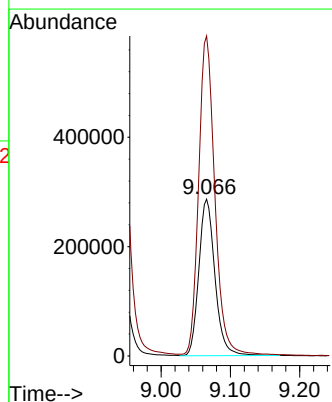
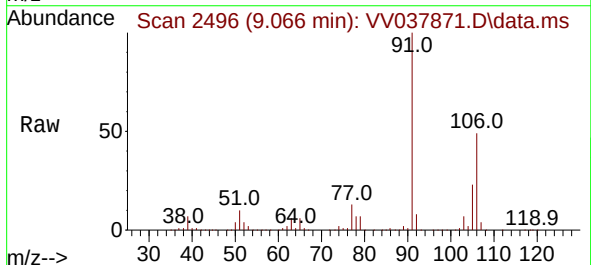
Instrument :
MSVOA_V
ClientSampleId :

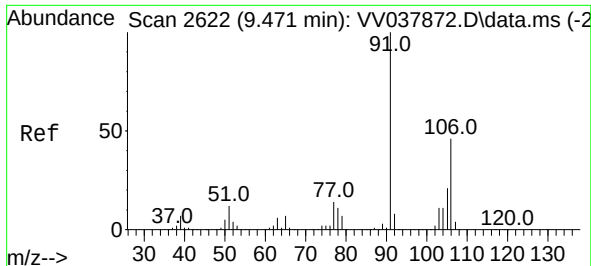
Tgt Ion: 91 Resp: 1197546
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 11.478 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion: 106 Resp: 463058
Ion Ratio Lower Upper
106 100
91 204.2 140.0 260.0





#54

o-Xylene

Concen: 11.357 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

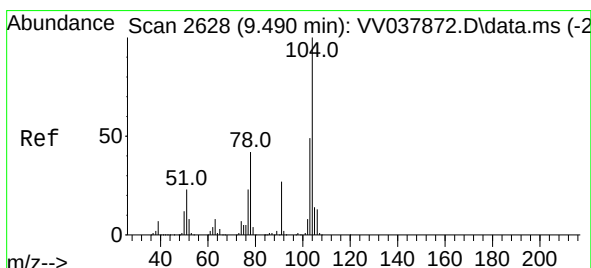
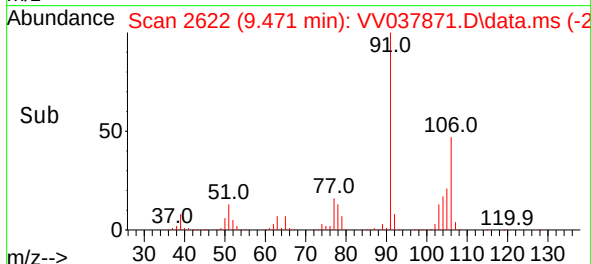
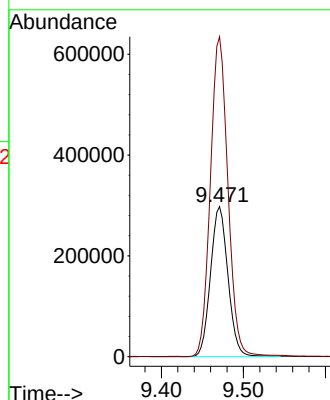
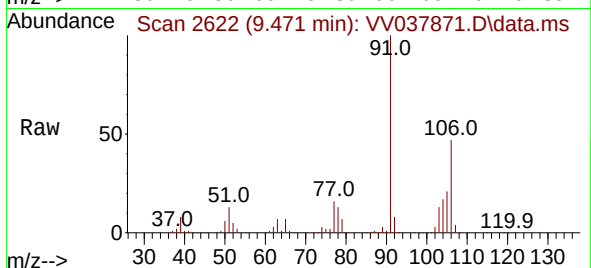
ClientSampleId :

Tgt Ion:106 Resp: 441537

Ion Ratio Lower Upper

106 100

91 213.1 152.1 282.5



#55

Styrene

Concen: 11.991 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.003 min

Lab File: VV037871.D

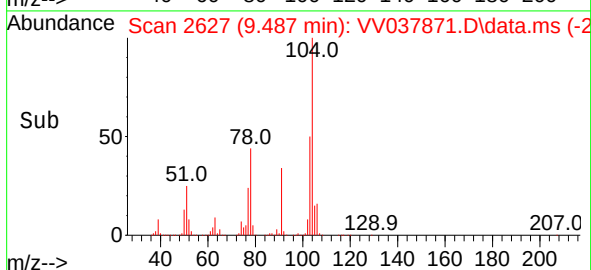
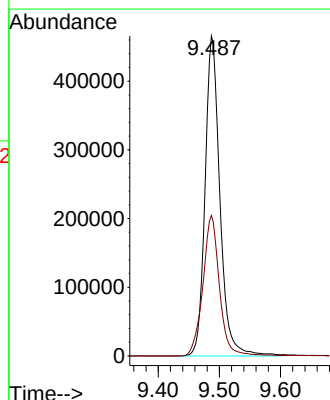
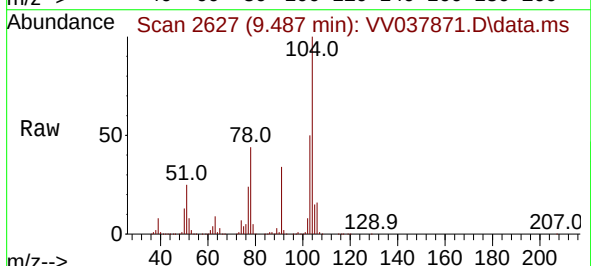
Acq: 16 Oct 2024 10:38

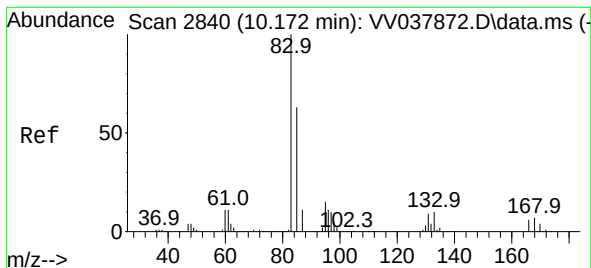
Tgt Ion:104 Resp: 787946

Ion Ratio Lower Upper

104 100

78 43.9 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 10.357 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

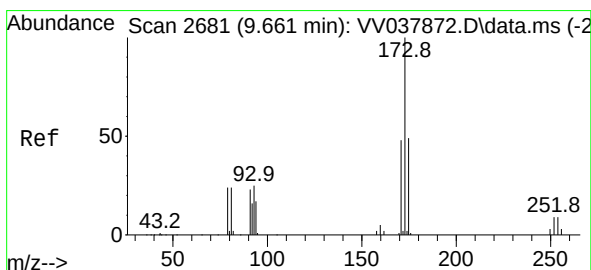
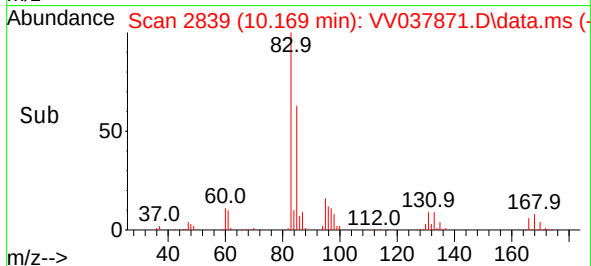
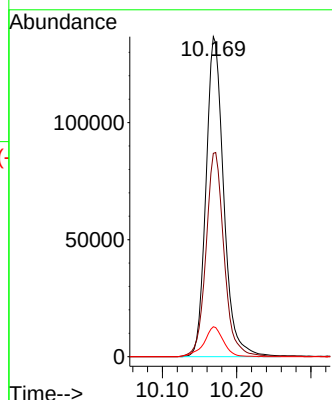
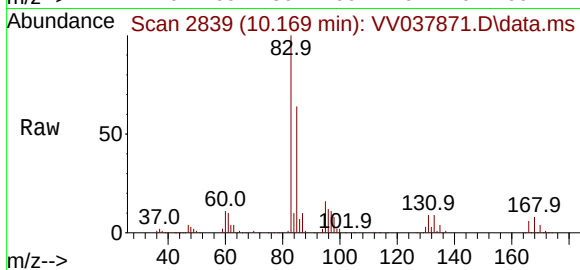
Tgt Ion: 83 Resp: 226658

Ion Ratio Lower Upper

83 100

85 63.6 44.3 82.3

131 9.3 7.8 11.8



#59

Bromoform

Concen: 11.192 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

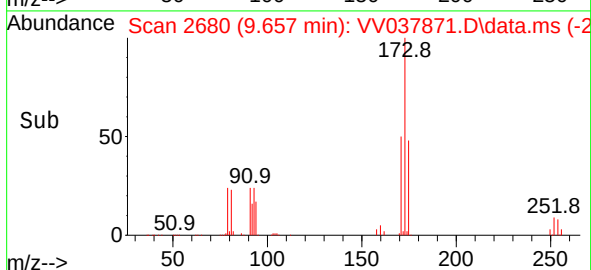
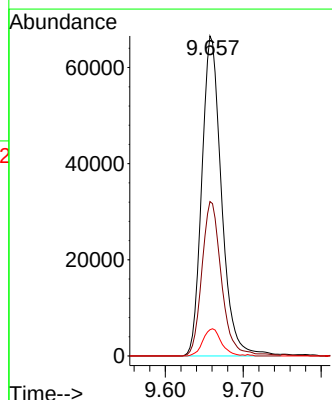
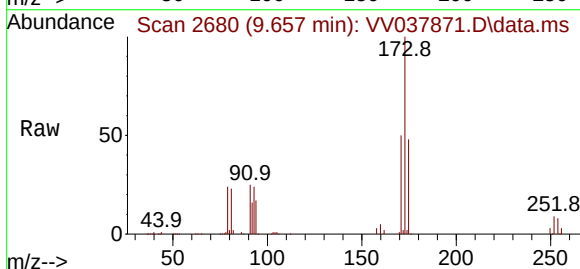
Tgt Ion: 173 Resp: 116912

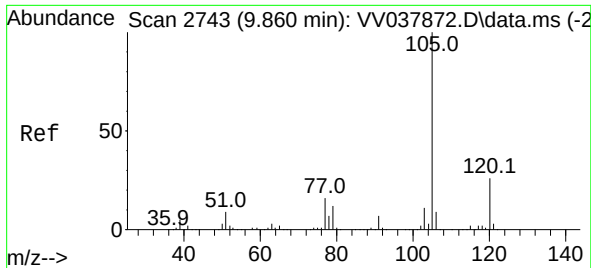
Ion Ratio Lower Upper

173 100

175 47.8 40.3 60.5

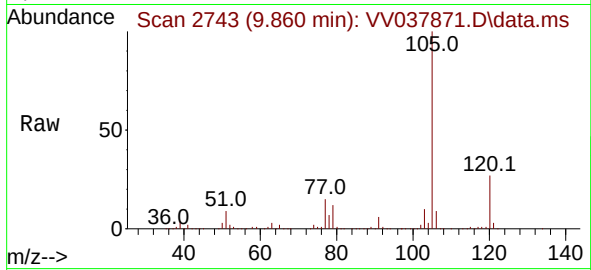
254 7.9 7.3 10.9



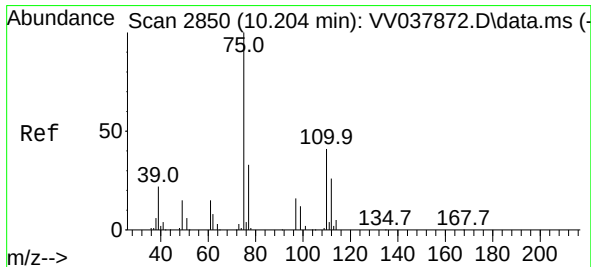
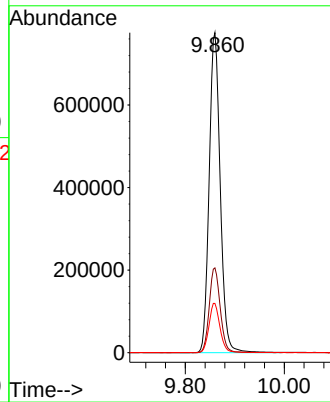
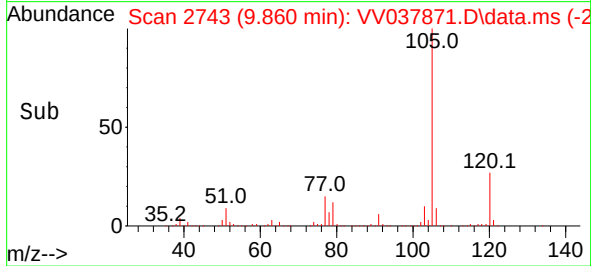


#60
Isopropylbenzene
Concen: 10.869 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :

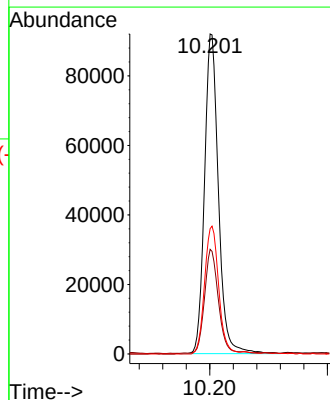
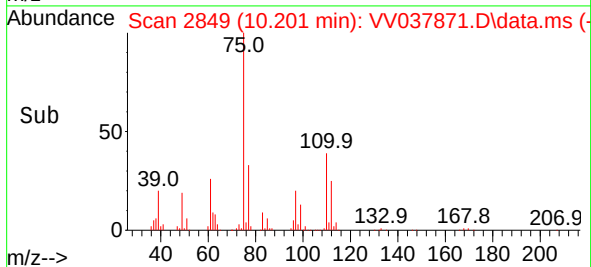
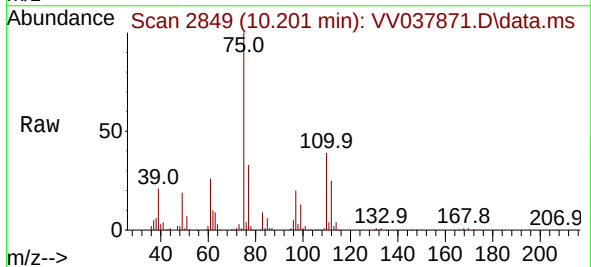


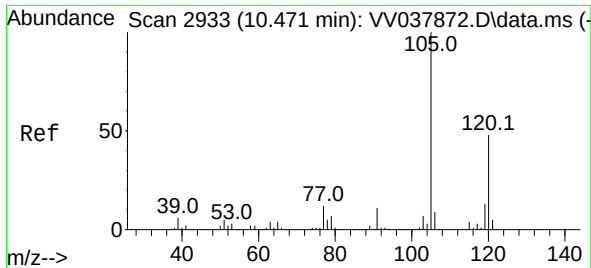
Tgt Ion:105 Resp: 1195018
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 8.905 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion: 75 Resp: 150615
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
110 40.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 10.857 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

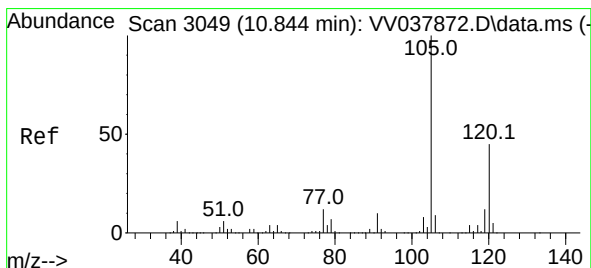
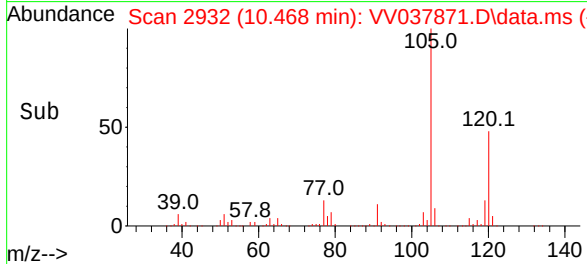
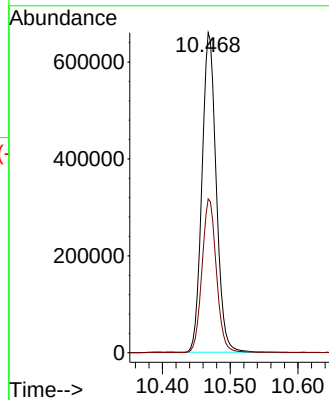
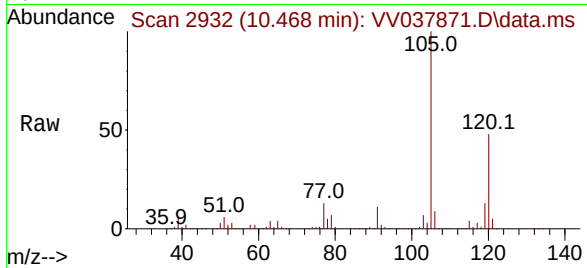
ClientSampleId :

Tgt Ion:105 Resp: 963186

Ion Ratio Lower Upper

105 100

120 48.6 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 11.202 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037871.D

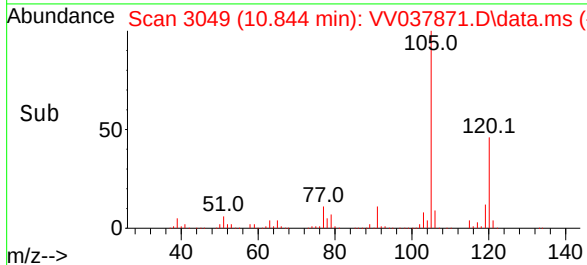
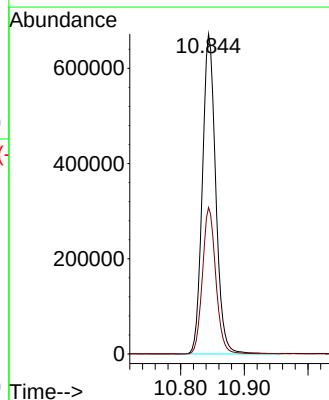
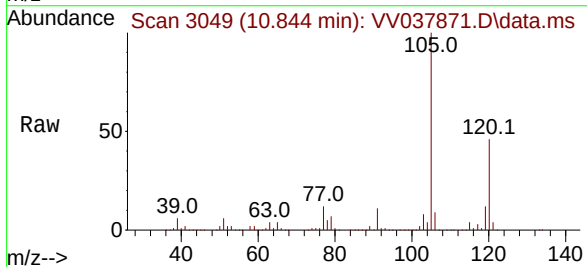
Acq: 16 Oct 2024 10:38

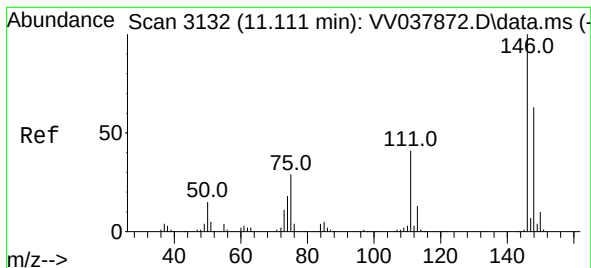
Tgt Ion:105 Resp: 980424

Ion Ratio Lower Upper

105 100

120 45.7 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 10.401 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

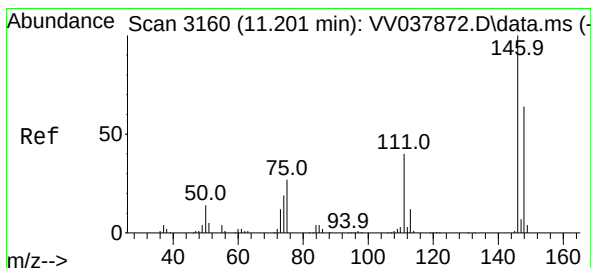
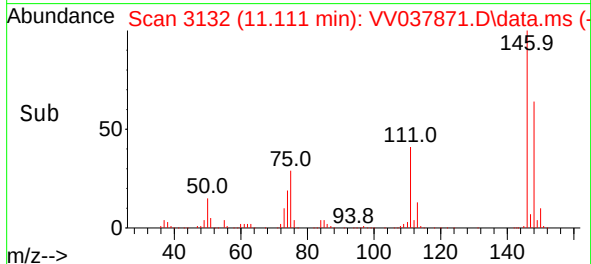
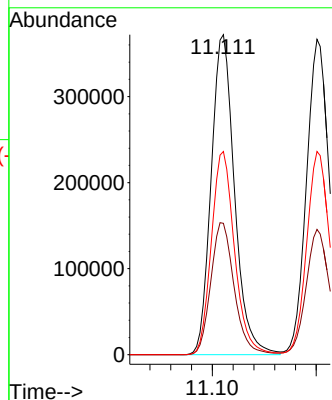
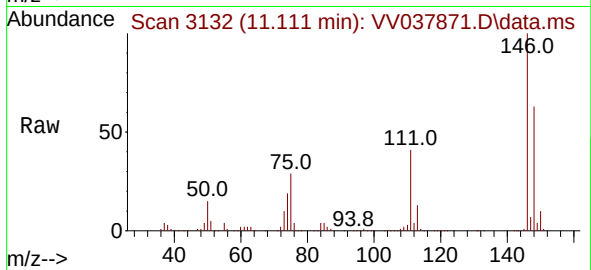
Tgt Ion:146 Resp: 579266

Ion Ratio Lower Upper

146 100

111 41.0 28.6 53.0

148 63.5 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 10.027 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

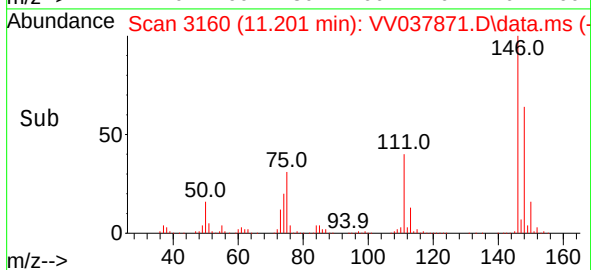
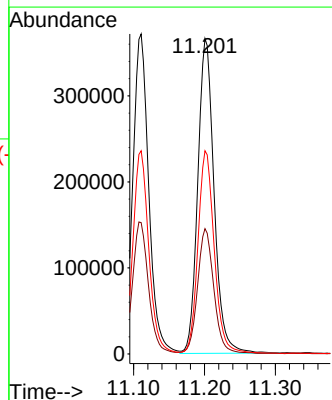
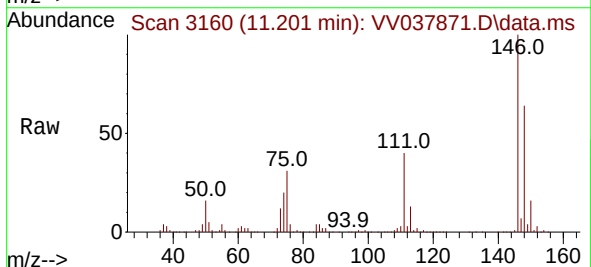
Tgt Ion:146 Resp: 585234

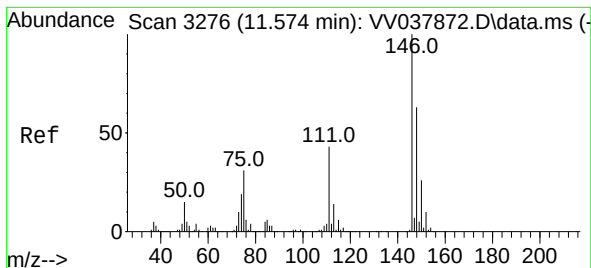
Ion Ratio Lower Upper

146 100

111 39.8 28.1 52.1

148 64.4 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 10.304 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

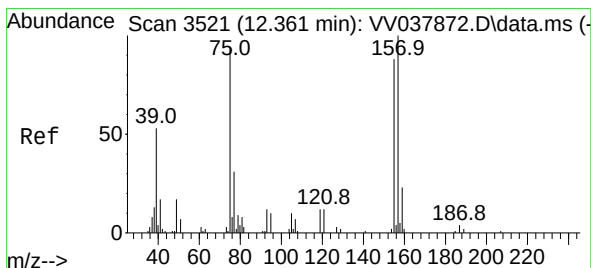
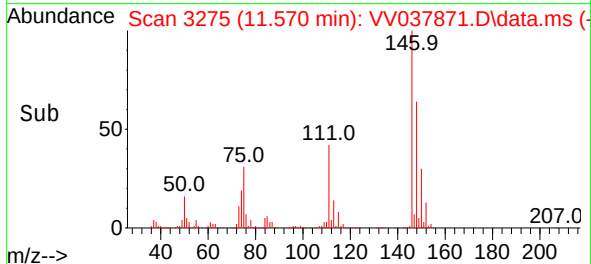
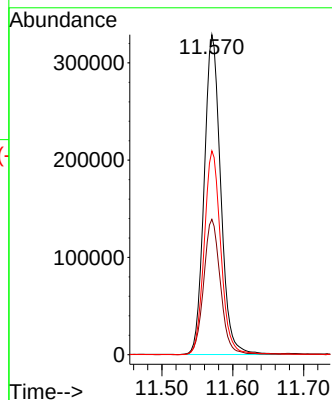
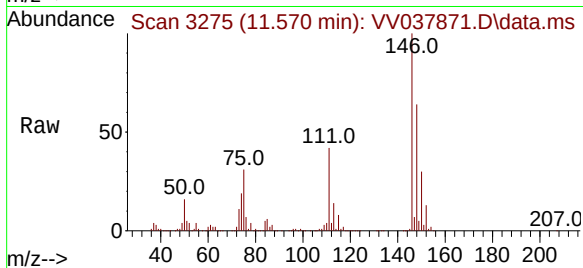
Tgt Ion:146 Resp: 532143

Ion Ratio Lower Upper

146 100

111 42.3 34.6 51.8

148 63.7 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 9.684 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

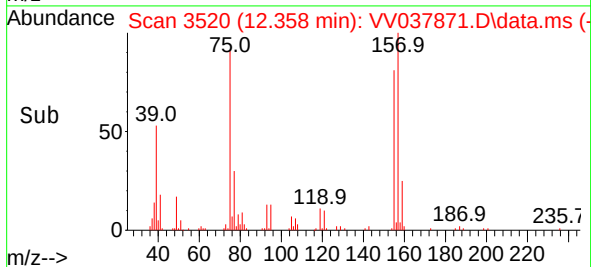
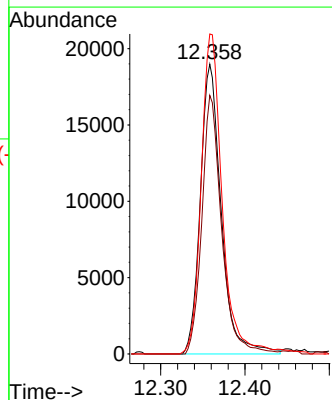
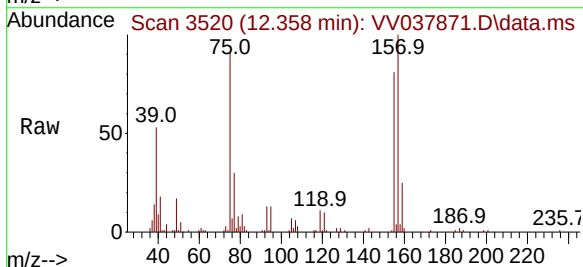
Tgt Ion: 75 Resp: 32875

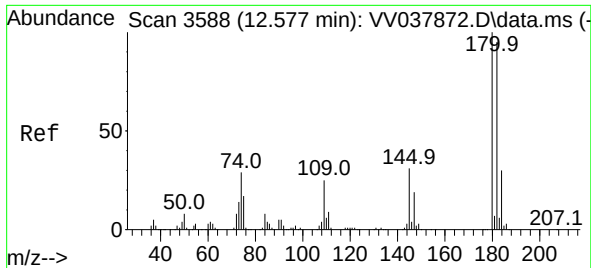
Ion Ratio Lower Upper

75 100

155 89.2 74.8 112.2

157 110.5 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 9.819 ug/L

RT: 12.574 min Scan# 3588

Delta R.T. -0.003 min

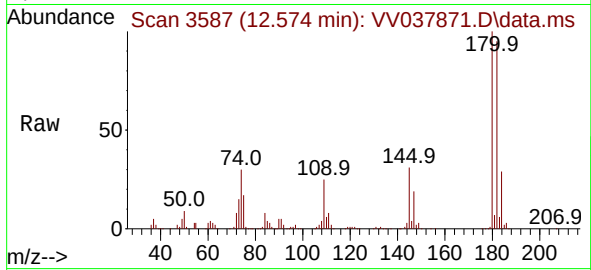
Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 409449

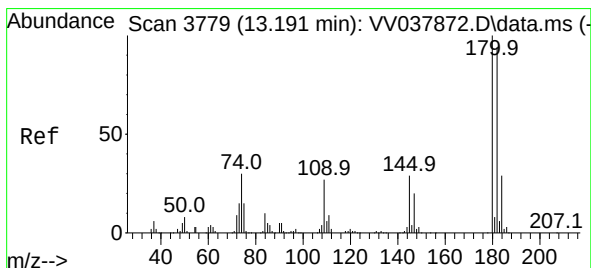
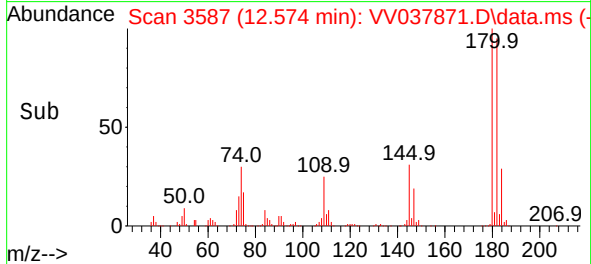
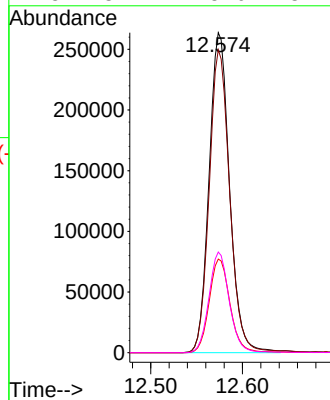
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

184 30.0 24.0 36.0

145 31.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 9.598 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037871.D

Acq: 16 Oct 2024 10:38

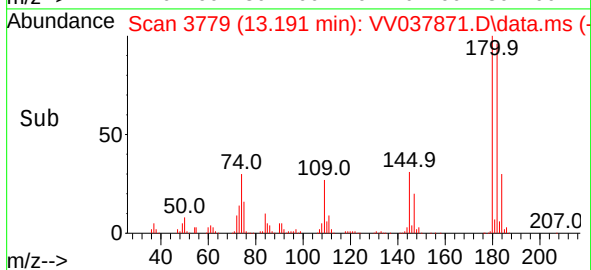
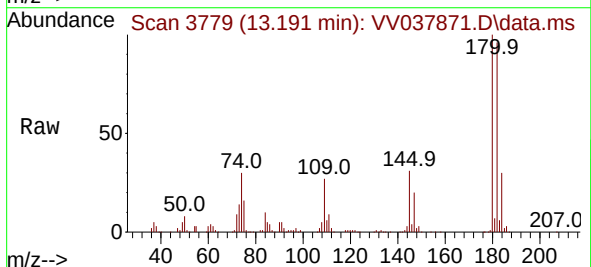
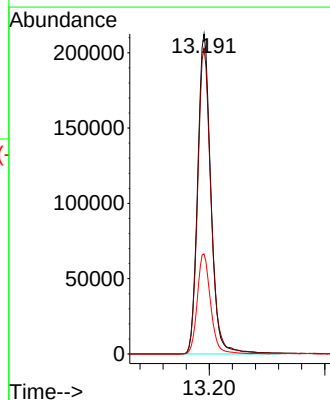
Tgt Ion:180 Resp: 337029

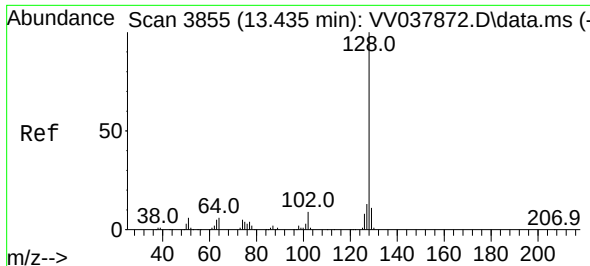
Ion Ratio Lower Upper

180 100

182 95.6 74.6 112.0

145 31.5 24.2 36.2

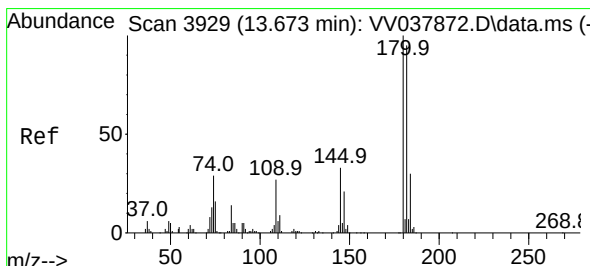
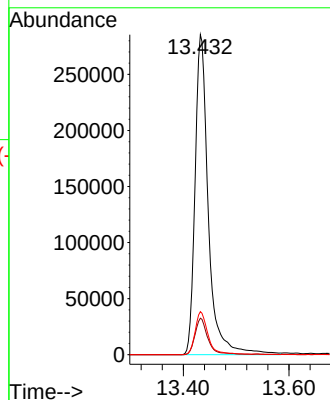
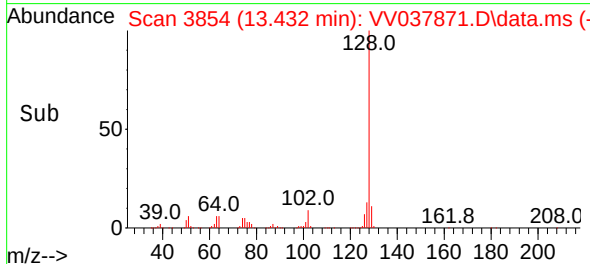
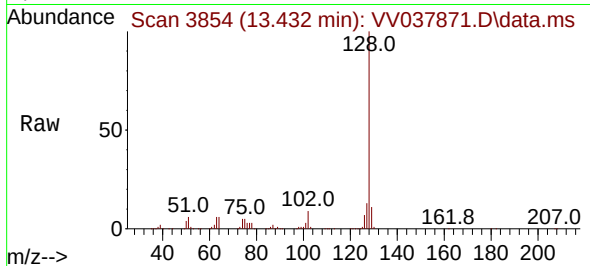




#71
Naphthalene
Concen: 9.524 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.003 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 498068
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.1 9.7 14.5



#72
1,2,3-Trichlorobenzene
Concen: 9.639 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.000 min
Lab File: VV037871.D
Acq: 16 Oct 2024 10:38

Tgt Ion:180 Resp: 298189
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.6
145 33.9 27.3 40.9

