

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012924\
 Data File : VW033901.D
 Acq On : 29 Jan 2024 13:01
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 30 03:56:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	97460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	90772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33266	4.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.536	69	31939	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.060	65	16006	4.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.825	46	58930	46.487	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.980%
24) Chloroform-d	4.252	84	65889	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	32811	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.963	84	130759	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.989	67	37581	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.243	98	117828	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	13372	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.027	63	52573	51.233	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23224	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	41950	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1911	0.214	ug/L	97
3) Chloromethane	1.217	50	2689	0.276	ug/L	90
5) Vinyl chloride	1.285	62	2044	0.220	ug/L #	1
6) Bromomethane	1.491	94	958	0.195	ug/L	93
8) Chloroethane	1.548	64	4198	0.661	ug/L #	65
9) Trichlorofluoromethane	1.716	101	3010	0.224	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1917	0.273	ug/L #	84
12) 1,1-Dichloroethene	2.069	96	1944	0.286	ug/L #	1
13) Acetone	2.143	43	537	0.558	ug/L #	1
14) Carbon disulfide	2.243	76	4596	0.209	ug/L	99
15) Methyl Acetate	2.394	43	309	0.136	ug/L #	53
16) Methylene chloride	2.449	84	2115	0.324	ug/L	85
17) Methyl tert-butyl Ether	2.712	73	3017	0.216	ug/L	95
18) trans-1,2-Dichloroethene	2.703	96	1404	0.202	ug/L	79
19) 1,1-Dichloroethane	3.117	63	2793	0.219	ug/L #	89
21) 2-Butanone	3.947	43	450	0.354	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	1498	0.190	ug/L	82
23) Bromochloromethane	4.162	128	407	0.149	ug/L #	84
25) Chloroform	4.278	83	3555	0.276	ug/L	94

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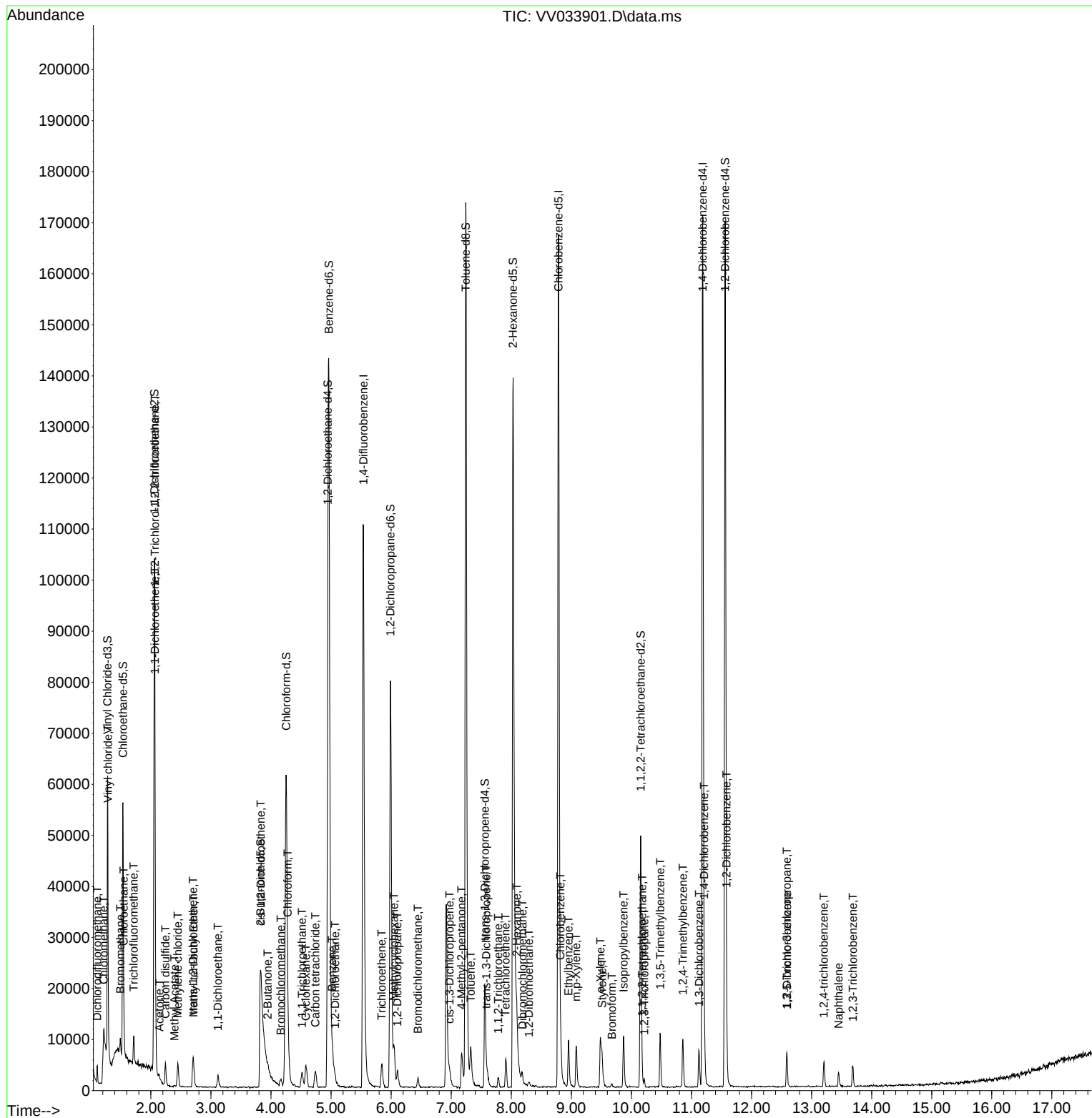
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.066	62	1352	0.183	ug/L #	76
29) 1,1,1-Trichloroethane	4.516	97	2640	0.217	ug/L #	88
30) Cyclohexane	4.580	56	2580	0.218	ug/L	94
31) Carbon tetrachloride	4.738	117	2377	0.223	ug/L	98
33) Benzene	5.015	78	6164	0.226	ug/L	100
34) Trichloroethene	5.844	95	1722	0.219	ug/L	93
35) Methylcyclohexane	6.047	83	2990	0.242	ug/L	92
37) 1,2-Dichloropropane	6.104	63	1631	0.247	ug/L #	87
38) Bromodichloromethane	6.445	83	1668	0.193	ug/L #	85
39) cis-1,3-Dichloropropene	6.973	75	1541	0.154	ug/L	89
40) 4-Methyl-2-pentanone	7.172	43	6455	2.044	ug/L #	83
42) Toluene	7.326	91	6863	0.236	ug/L	88
44) trans-1,3-Dichloropropene	7.584	75	387	0.050	ug/L #	82
45) 1,1,2-Trichloroethane	7.783	97	669	0.164	ug/L #	79
47) Tetrachloroethene	7.905	164	1289	0.201	ug/L	90
48) 2-Hexanone	8.092	43	10929	4.910	ug/L #	88
49) Dibromochloromethane	8.188	129	970	0.200	ug/L	100
50) 1,2-Dibromoethane	8.294	107	888	0.243	ug/L #	95
51) Chlorobenzene	8.818	112	4154	0.226	ug/L #	84
52) Ethylbenzene	8.953	91	6918	0.207	ug/L	97
53) m,p-Xylene	9.082	106	2647	0.209	ug/L	94
54) o-Xylene	9.484	106	2601	0.213	ug/L	95
55) Styrene	9.513	104	4062	0.208	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.182	83	1000	0.233	ug/L #	96
59) Bromoform	9.673	173	432	0.173	ug/L #	91
60) Isopropylbenzene	9.870	105	7204	0.215	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	699	0.225	ug/L #	85
62) 1,3,5-Trimethylbenzene	10.481	105	6062	0.214	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	5826	0.212	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	3365	0.231	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	3619	0.250	ug/L	93
67) 1,2-Dichlorobenzene	11.583	146	2833	0.226	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.587	75	442	0.678	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.590	180	2451	0.217	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	2137	0.242	ug/L	87
71) Naphthalene	13.451	128	3017	0.261	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.686	180	1782	0.252	ug/L	94

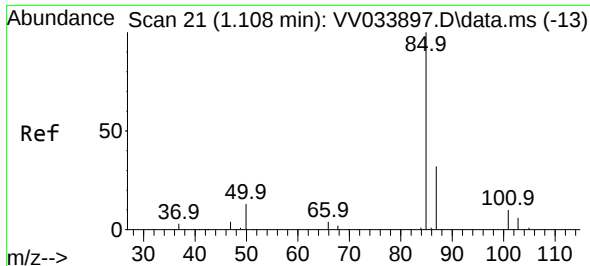
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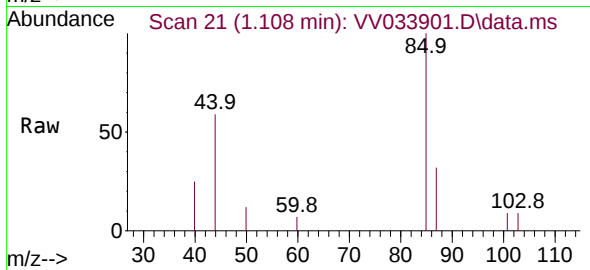
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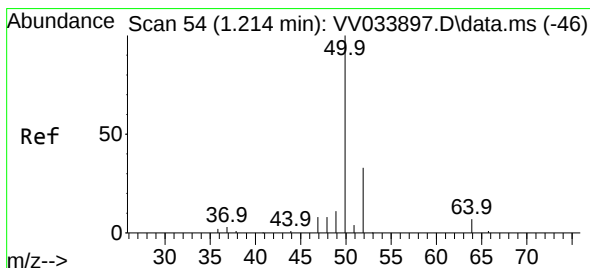
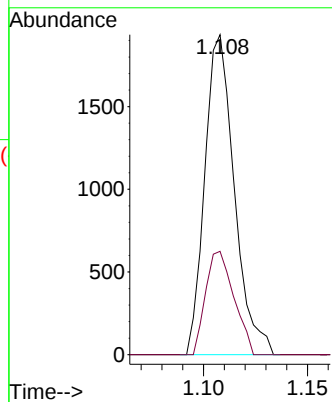
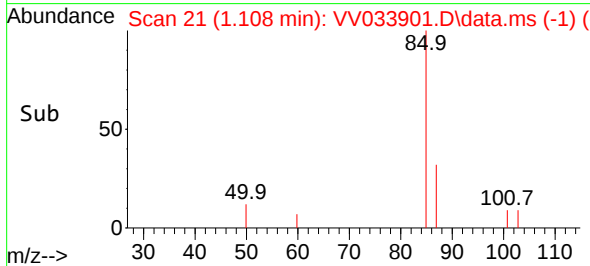


#2
 Dichlorodifluoromethane
 Concen: 0.214 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033901.D
 Acq: 29 Jan 2024 13:01

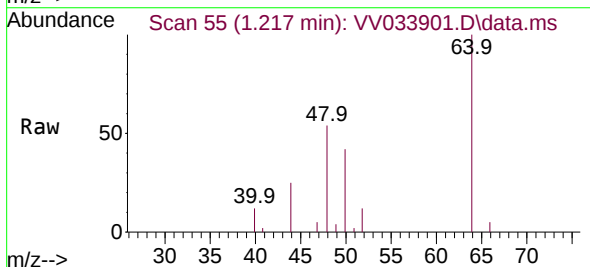
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 ClientSampleId :



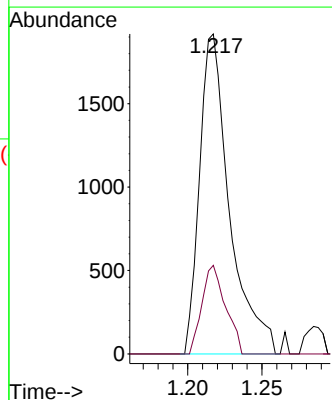
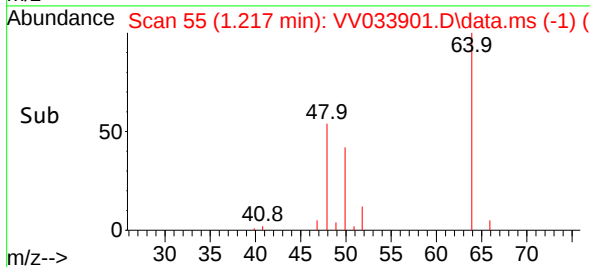
Tgt Ion: 85 Resp: 1911
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.2 39.4

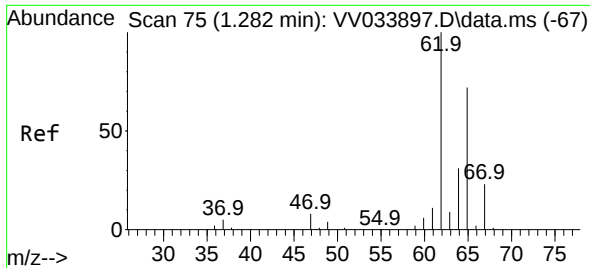


#3
 Chloromethane
 Concen: 0.276 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV033901.D
 Acq: 29 Jan 2024 13:01



Tgt Ion: 50 Resp: 2689
 Ion Ratio Lower Upper
 50 100
 52 27.7 23.4 43.4

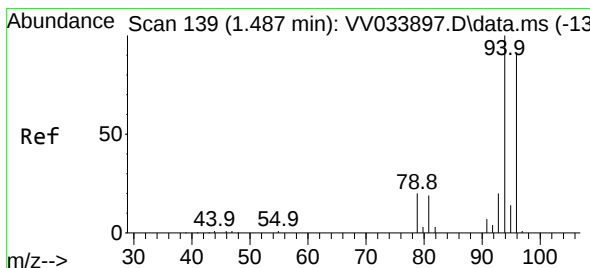
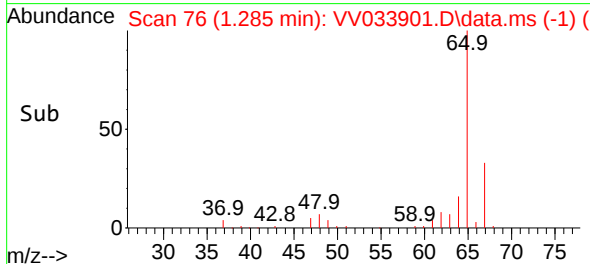
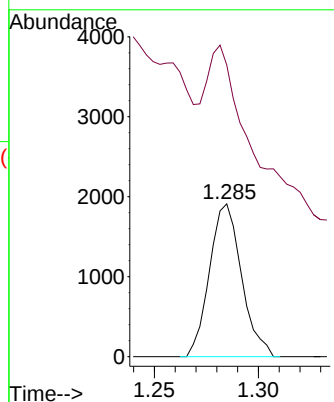
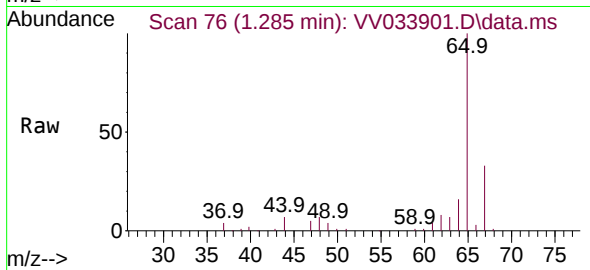




#5
 Vinyl chloride
 Concen: 0.220 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV033901.D
 Acq: 29 Jan 2024 13:01

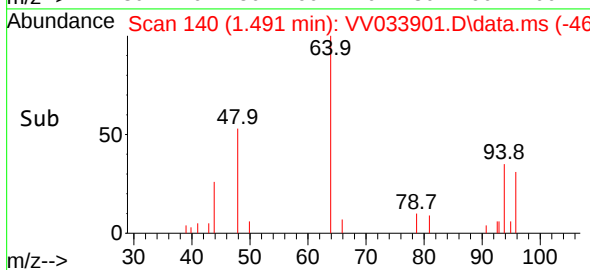
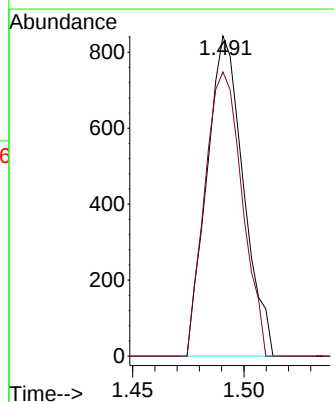
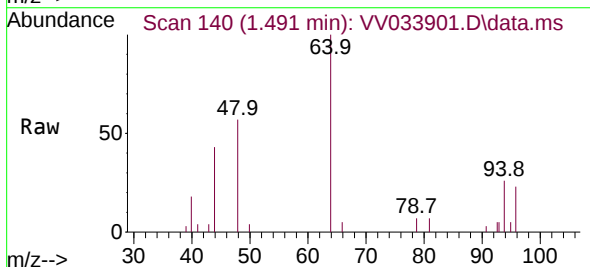
Instrument :
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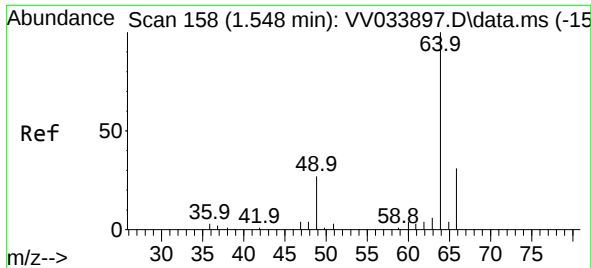
Tgt Ion: 62 Resp: 2044
 Ion Ratio Lower Upper
 62 100
 64 190.9 27.2 50.4#



#6
 Bromomethane
 Concen: 0.195 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV033901.D
 Acq: 29 Jan 2024 13:01

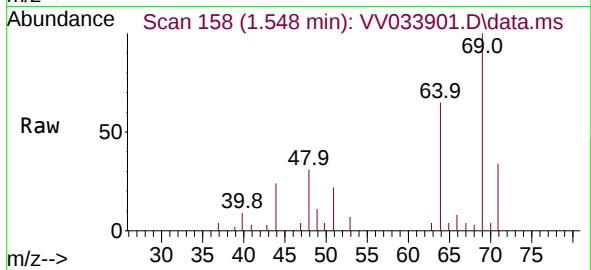
Tgt Ion: 94 Resp: 958
 Ion Ratio Lower Upper
 94 100
 96 88.7 66.6 123.8



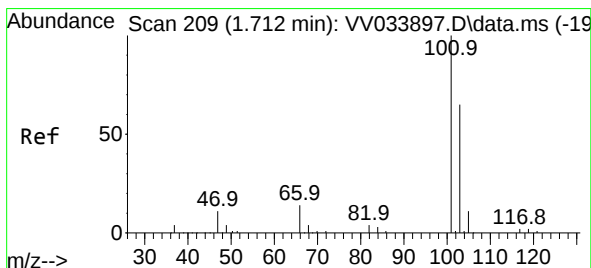
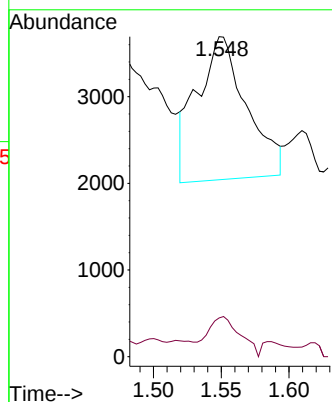
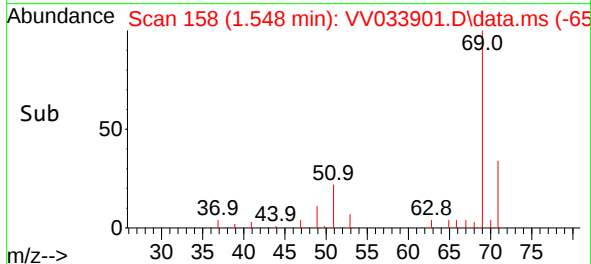


#8
Chloroethane
Concen: 0.661 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

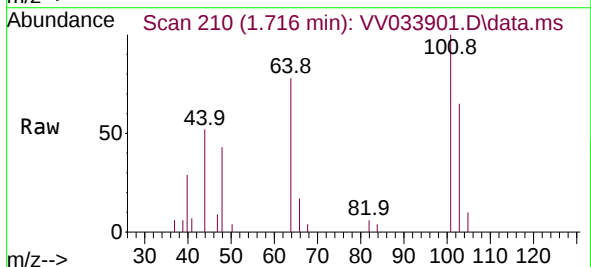
Instrument :
MSVOA_V
ClientSampleId :



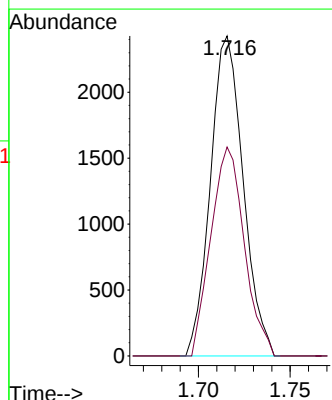
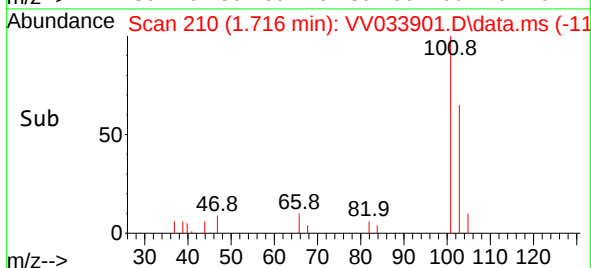
Tgt Ion: 64 Resp: 4198
Ion Ratio Lower Upper
64 100
66 12.1 22.0 41.0#

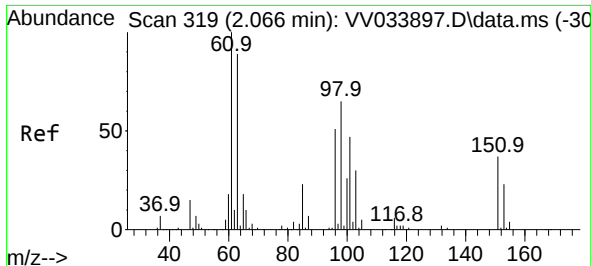


#9
Trichlorofluoromethane
Concen: 0.224 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01



Tgt Ion: 101 Resp: 3010
Ion Ratio Lower Upper
101 100
103 66.5 51.0 76.4





#10

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

Concen: 0.273 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :

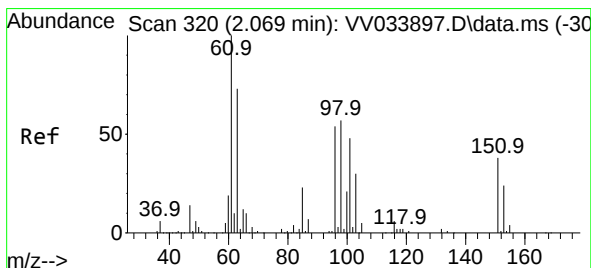
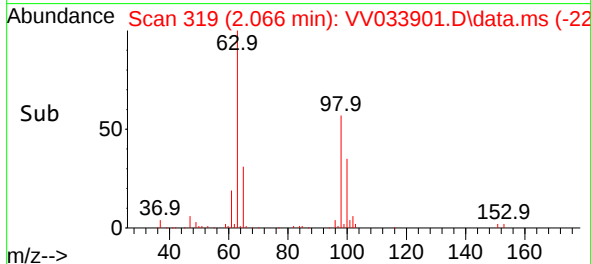
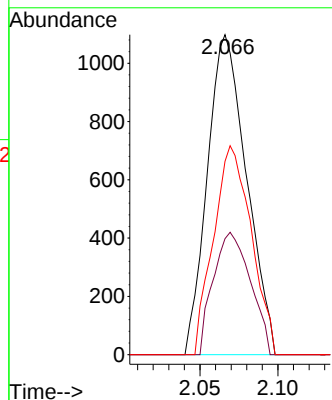
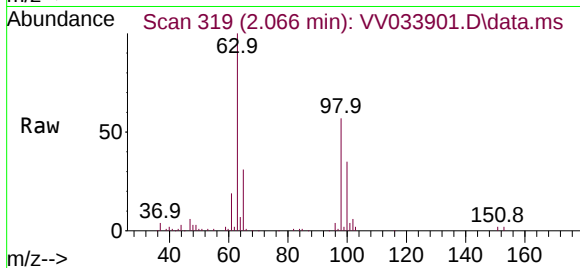
Tgt Ion:101 Resp: 1917

Ion Ratio Lower Upper

101 100

85 36.3 37.1 55.7#

151 63.0 61.7 92.5



#12

1,1-Dichloroethene

Concen: 0.286 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

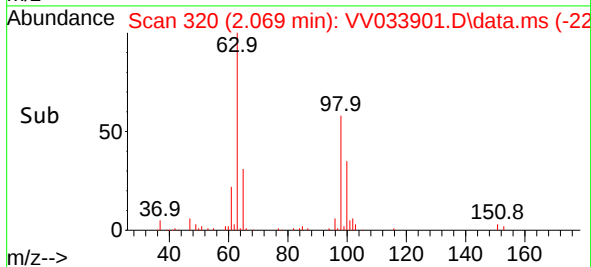
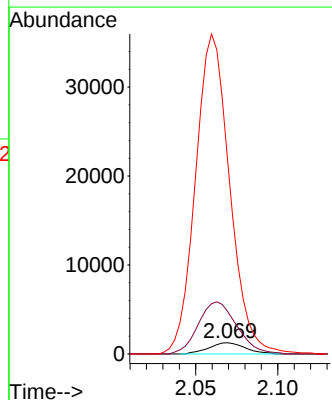
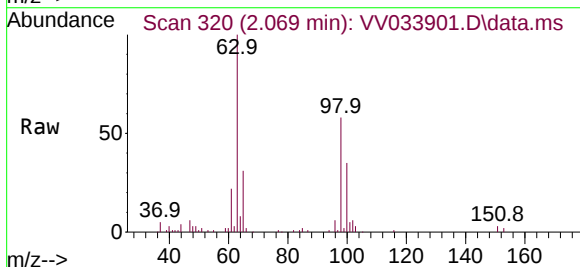
Tgt Ion: 96 Resp: 1944

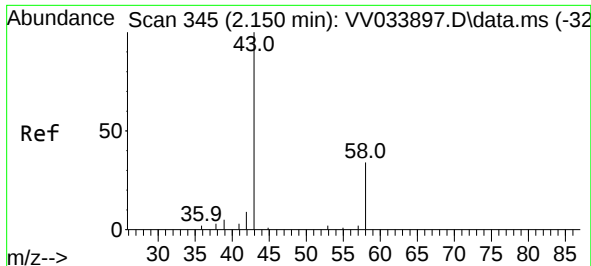
Ion Ratio Lower Upper

96 100

61 383.1 128.8 239.2#

63 1748.6 97.9 181.9#





#13

Acetone

Concen: 0.558 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.006 min

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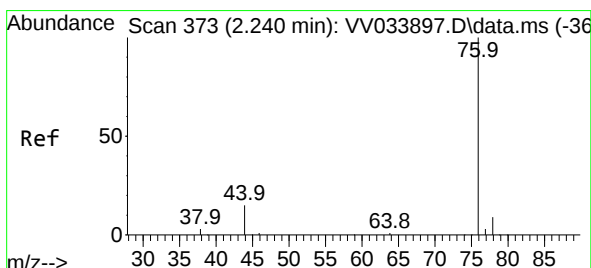
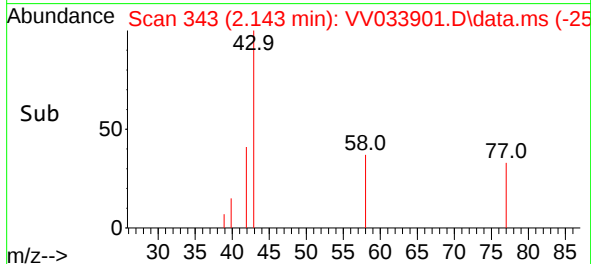
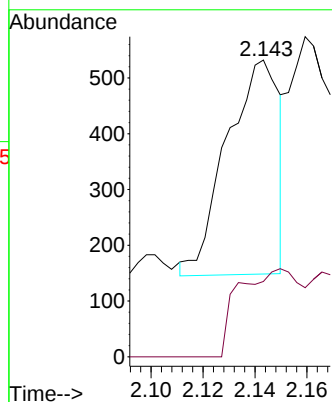
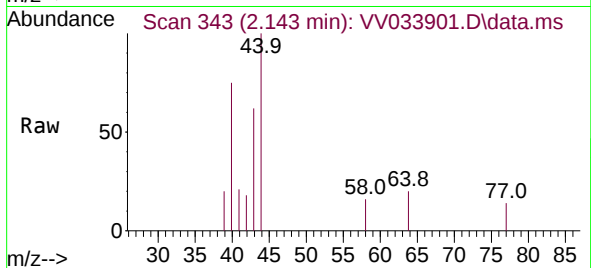
ClientSampleId :

Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

58 48.8 0.0 13.8#



#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

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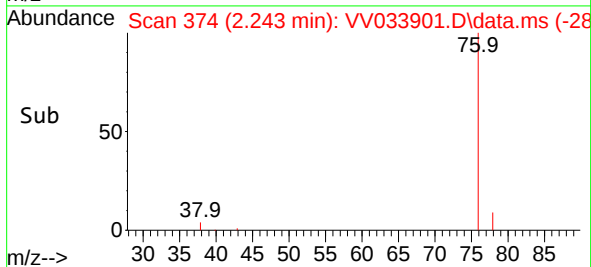
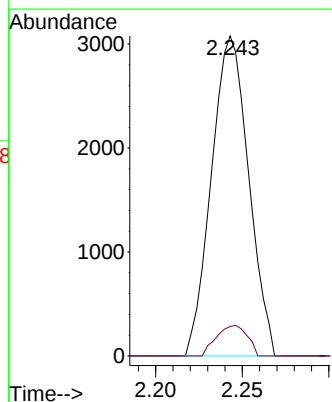
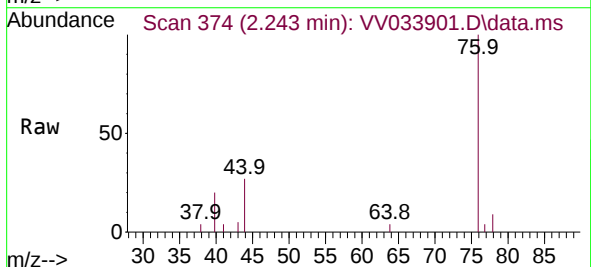
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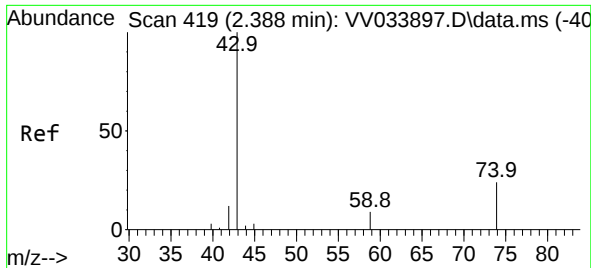
Tgt Ion: 76 Resp: 4596

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

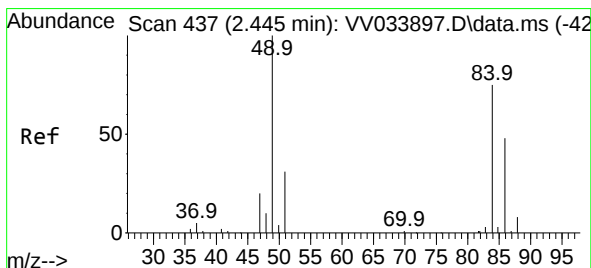
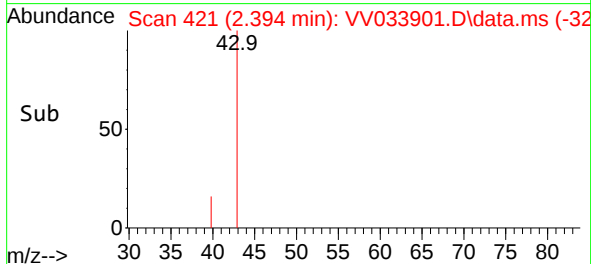
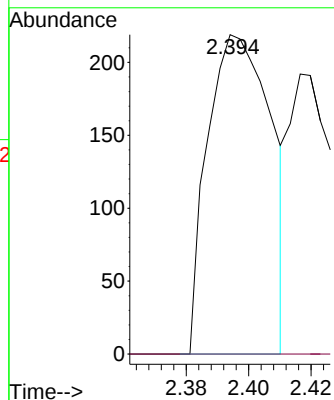
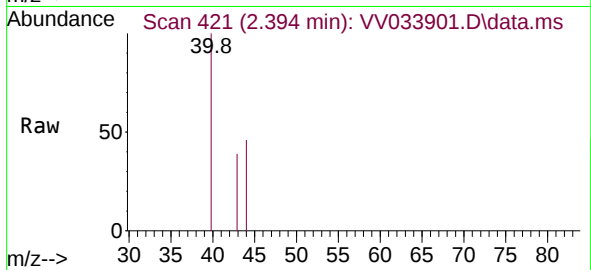




#15
Methyl Acetate
Concen: 0.136 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

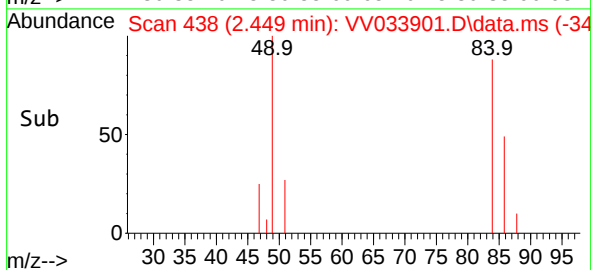
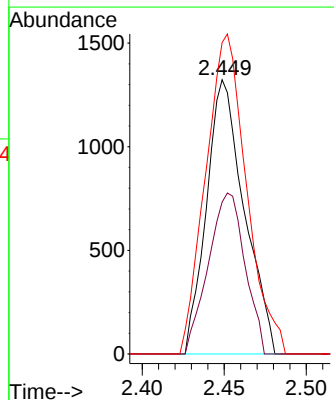
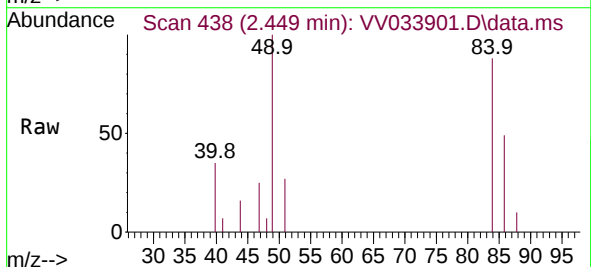
Instrument :
MSVOA_V
ClientSampleId :

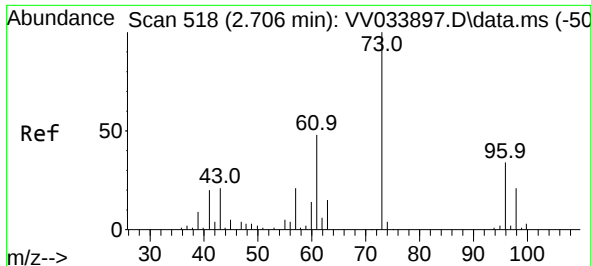
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.324 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

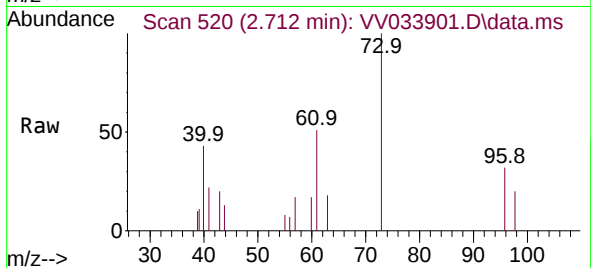
Tgt Ion: 84 Resp: 2115
Ion Ratio Lower Upper
84 100
86 55.4 44.7 83.1
49 113.5 93.7 173.9



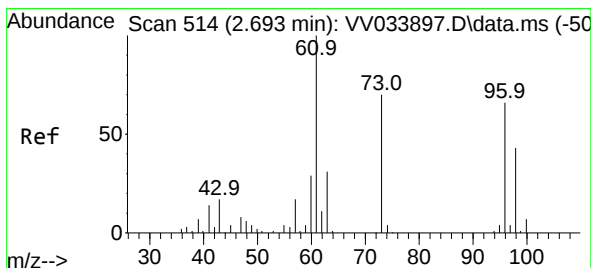
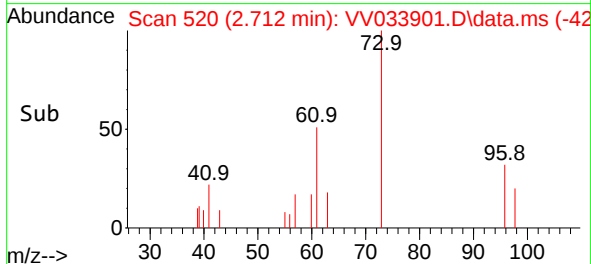
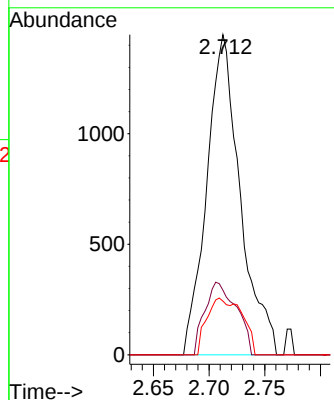


#17
Methyl tert-butyl Ether
Concen: 0.216 ug/L
RT: 2.712 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Instrument :
MSVOA_V
ClientSampleId :

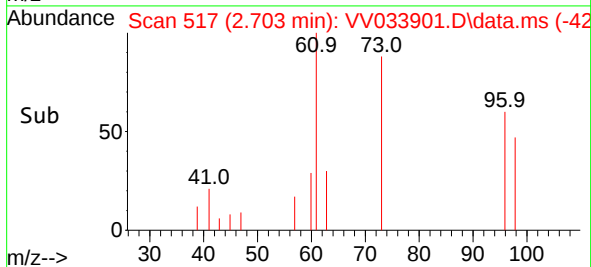
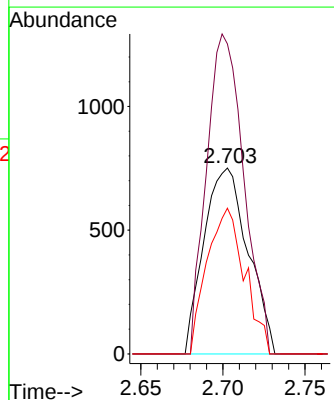
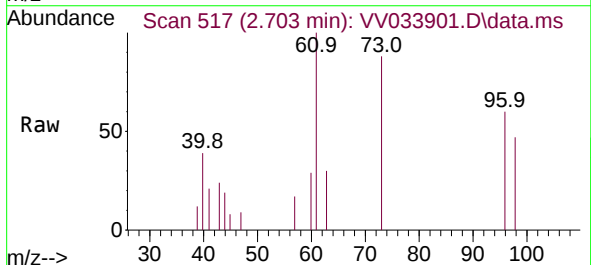


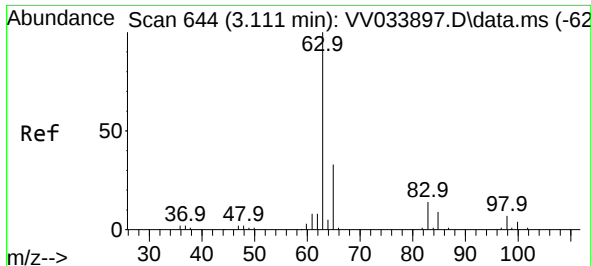
Tgt Ion: 73 Resp: 3017
Ion Ratio Lower Upper
73 100
43 21.4 17.7 26.5
57 18.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 96 Resp: 1404
Ion Ratio Lower Upper
96 100
61 166.8 97.6 181.4
98 78.4 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.219 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :

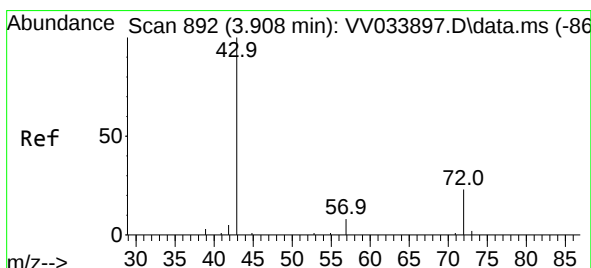
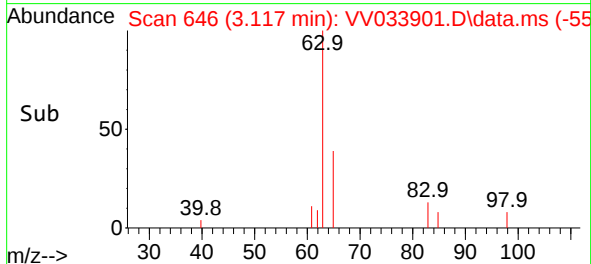
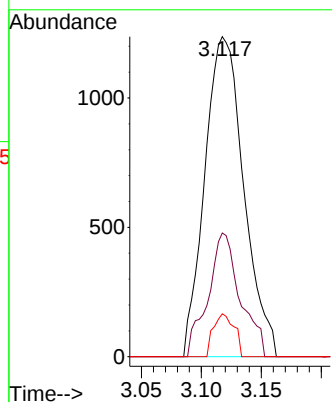
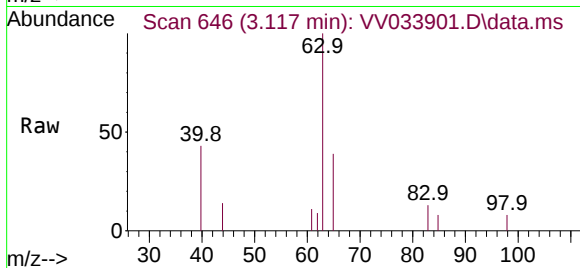
Tgt Ion: 63 Resp: 2793

Ion Ratio Lower Upper

63 100

65 38.6 20.8 38.6#

83 13.4 9.4 17.4



#21

2-Butanone

Concen: 0.354 ug/L

RT: 3.947 min Scan# 904

Delta R.T. 0.039 min

Lab File: VV033901.D

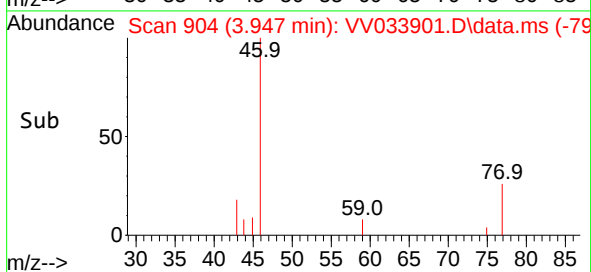
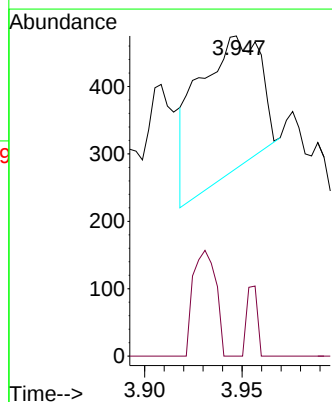
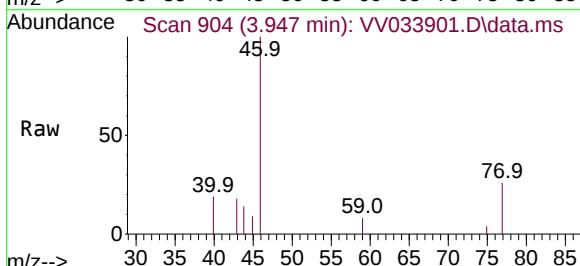
Acq: 29 Jan 2024 13:01

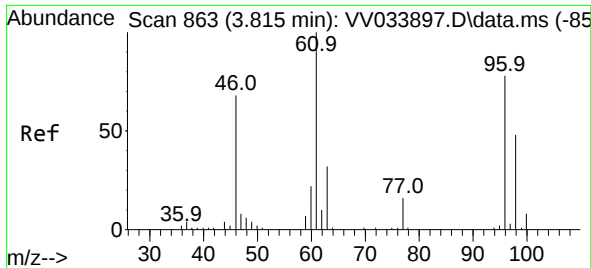
Tgt Ion: 43 Resp: 450

Ion Ratio Lower Upper

43 100

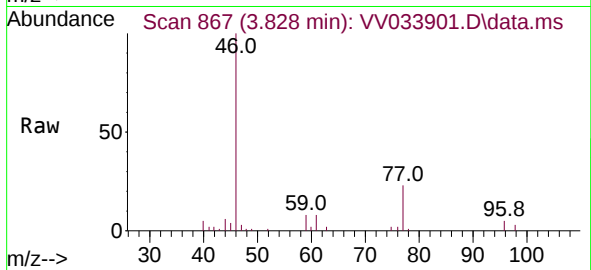
72 8.9 4.0 11.9



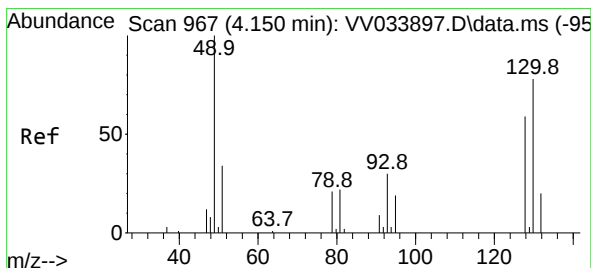
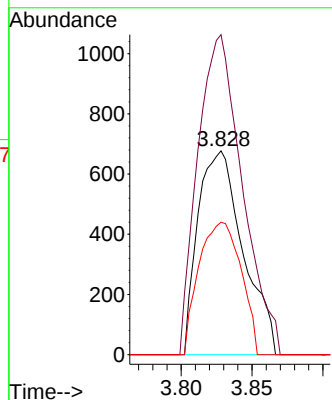
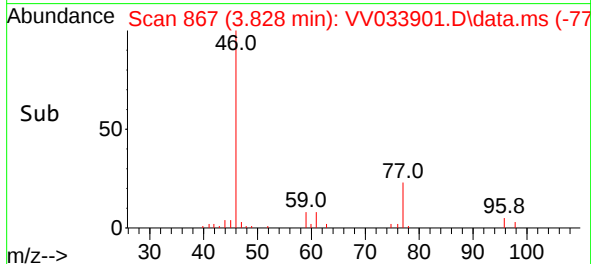


#22
cis-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.013 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Instrument :
MSVOA_V
ClientSampleId :

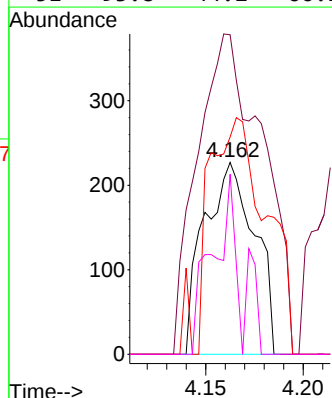
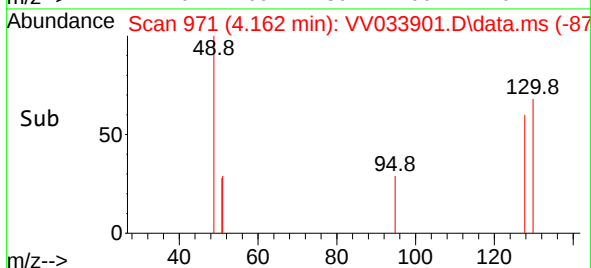
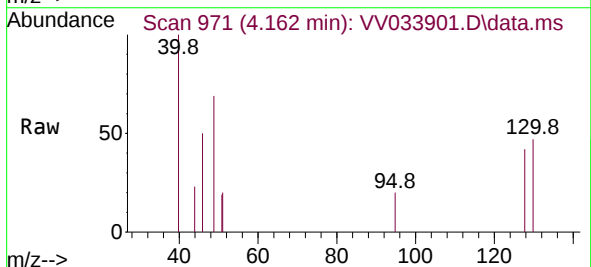


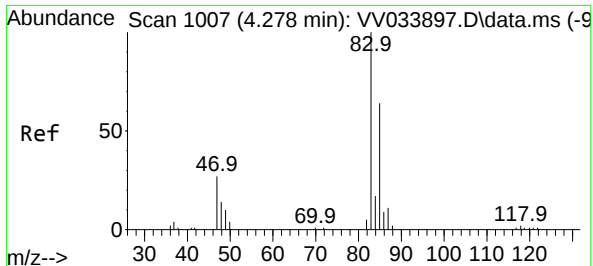
Tgt Ion: 96 Resp: 1498
Ion Ratio Lower Upper
96 100
61 157.0 90.3 167.7
98 65.0 43.2 80.2



#23
Bromochloromethane
Concen: 0.149 ug/L
RT: 4.162 min Scan# 971
Delta R.T. 0.013 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 128 Resp: 407
Ion Ratio Lower Upper
128 100
49 166.5 120.5 223.7
130 113.2 93.4 173.4
51 93.8 44.2 66.2#





#25

Chloroform

Concen: 0.276 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

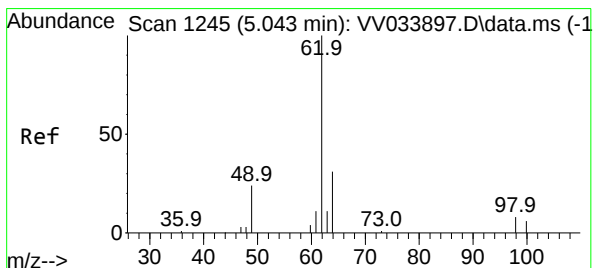
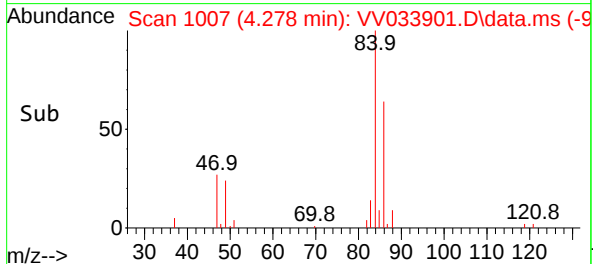
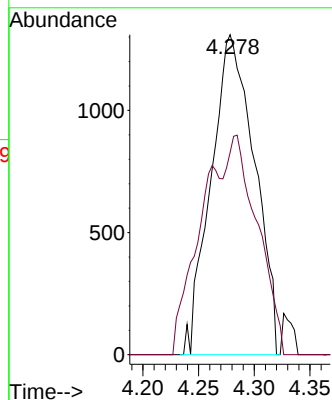
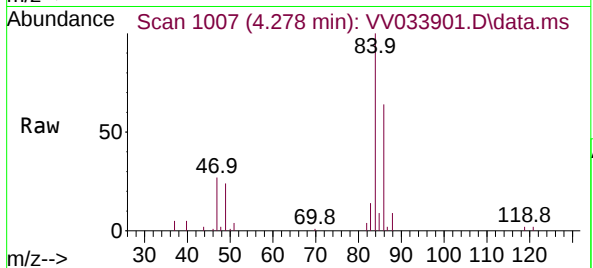
ClientSampleId :

Tgt Ion: 83 Resp: 3555

Ion Ratio Lower Upper

83 100

85 63.2 47.5 88.1



#27

1,2-Dichloroethane

Concen: 0.183 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.023 min

Lab File: VV033901.D

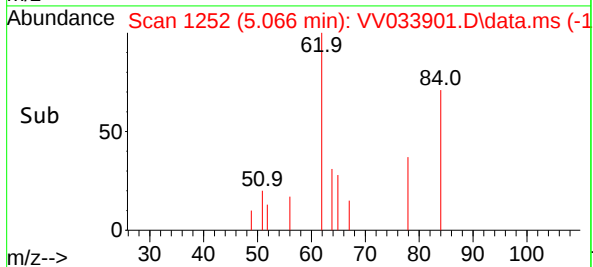
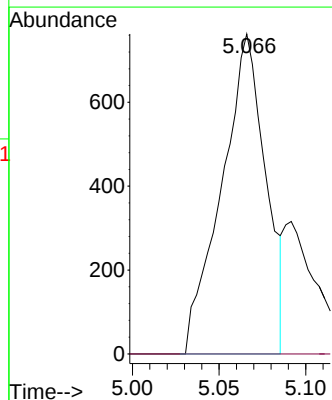
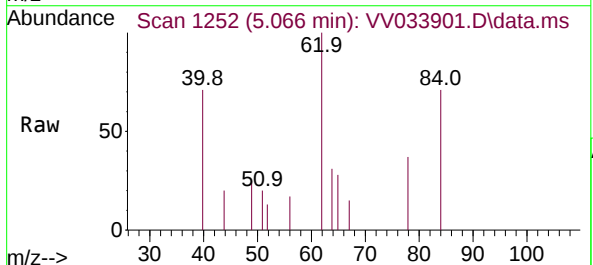
Acq: 29 Jan 2024 13:01

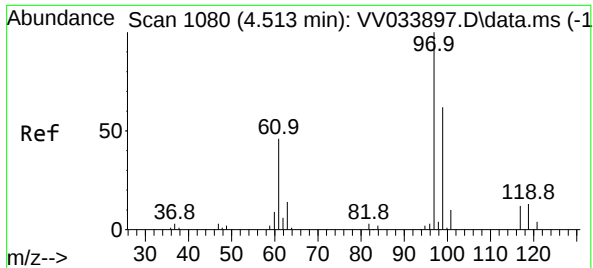
Tgt Ion: 62 Resp: 1352

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#

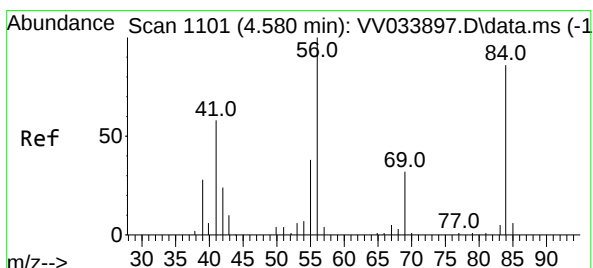
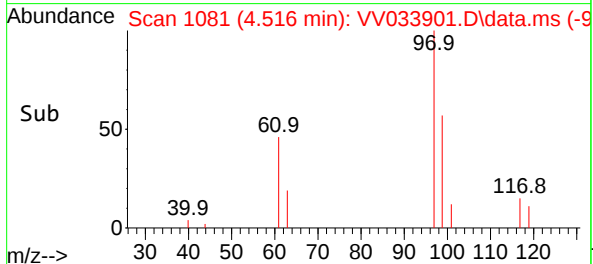
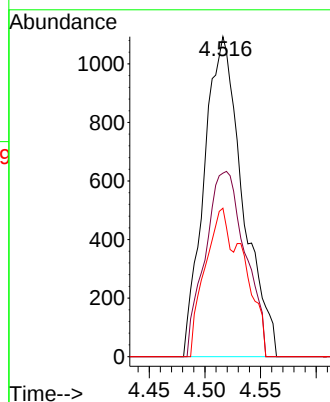
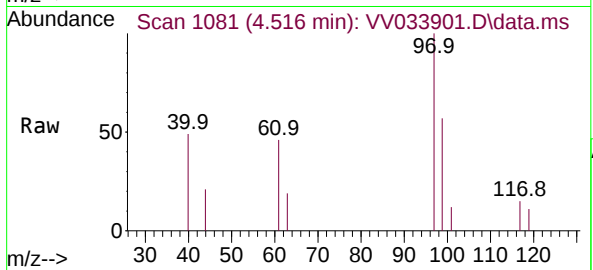




#29
1,1,1-Trichloroethane
Concen: 0.217 ug/L
RT: 4.516 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

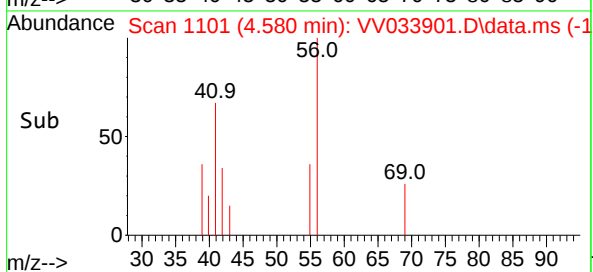
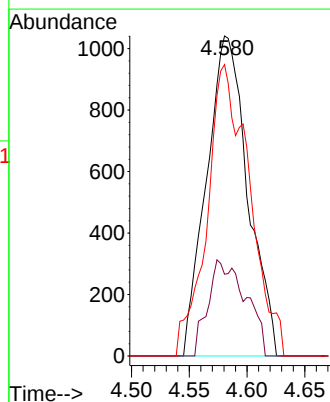
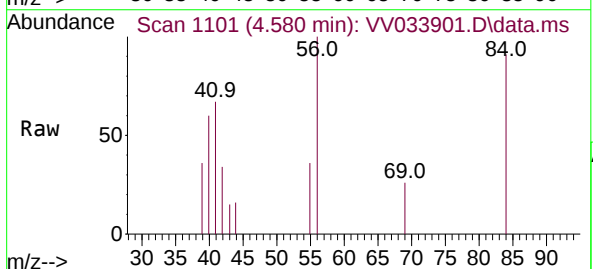
Instrument :
MSVOA_V
ClientSampleId :

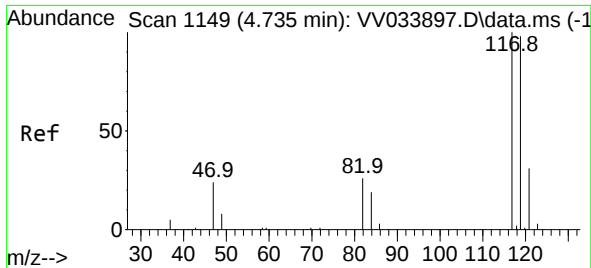
Tgt Ion: 97 Resp: 2640
Ion Ratio Lower Upper
97 100
99 60.0 50.6 75.8
61 31.3 36.8 55.2#



#30
Cyclohexane
Concen: 0.218 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 56 Resp: 2580
Ion Ratio Lower Upper
56 100
69 27.4 24.2 36.2
84 93.7 70.0 105.0

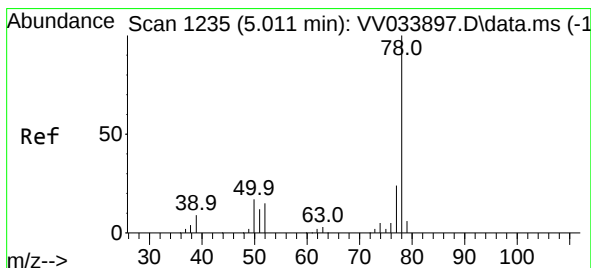
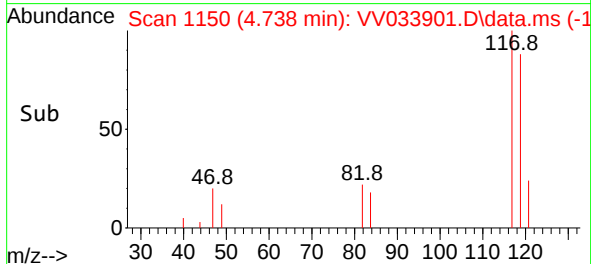
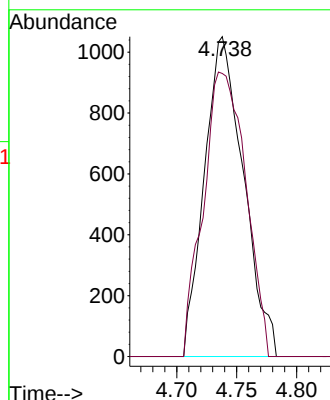
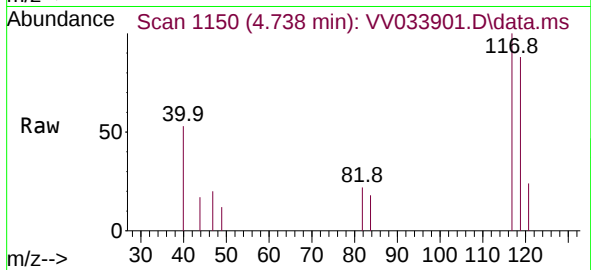




#31
Carbon tetrachloride
Concen: 0.223 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

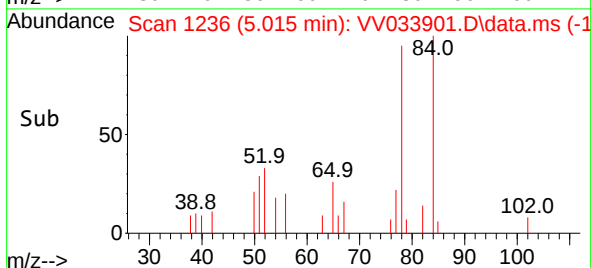
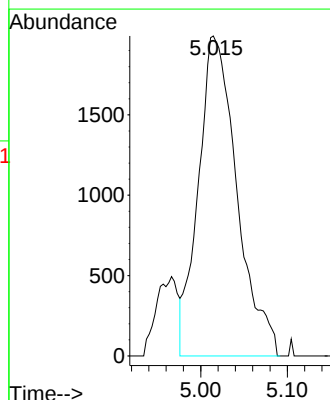
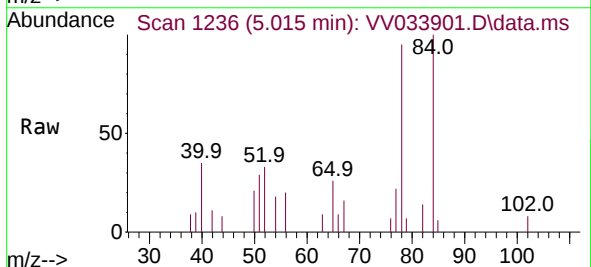
Instrument :
MSVOA_V
ClientSampleId :

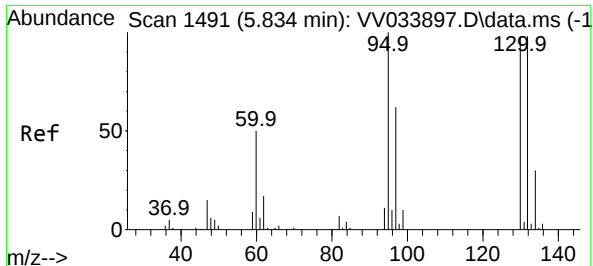
Tgt Ion:117 Resp: 2377
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 0.226 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 78 Resp: 6164

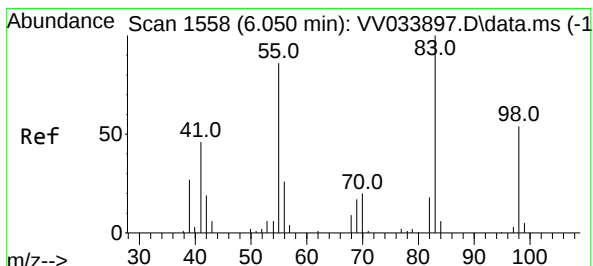
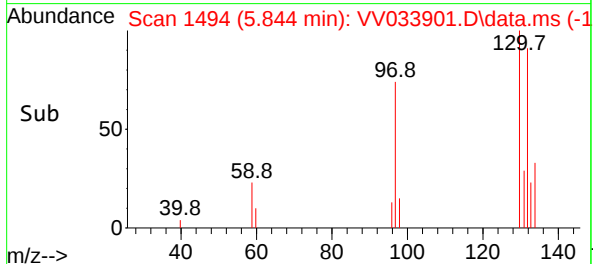
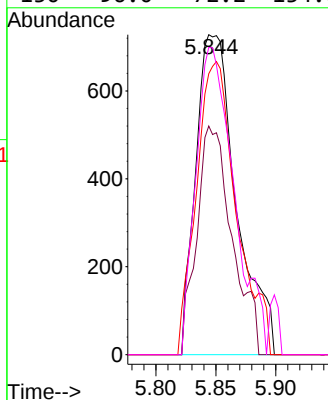
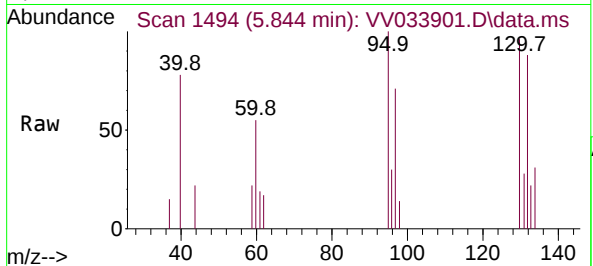




#34
Trichloroethene
Concen: 0.219 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

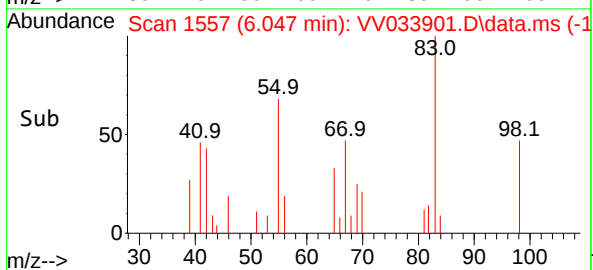
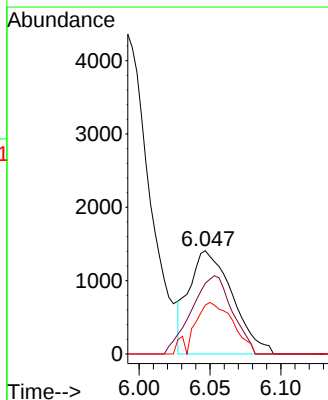
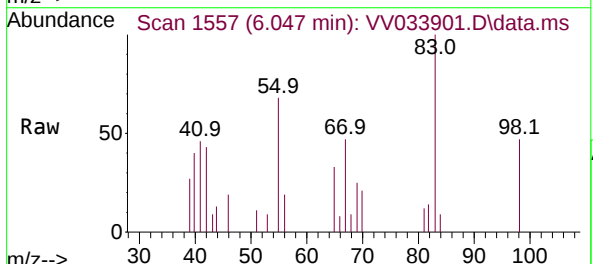
Instrument :
MSVOA_V
ClientSampleId :

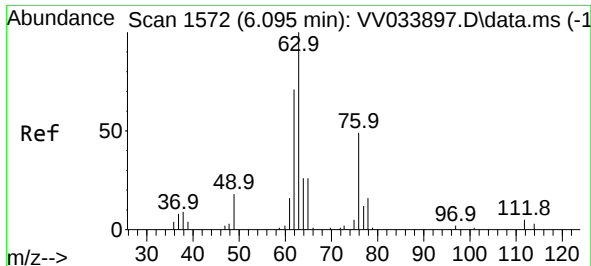
Tgt Ion: 95 Resp: 1722
Ion Ratio Lower Upper
95 100
97 71.4 45.1 83.7
132 87.8 66.0 122.6
130 96.0 72.2 134.0



#35
Methylcyclohexane
Concen: 0.242 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 83 Resp: 2990
Ion Ratio Lower Upper
83 100
55 71.0 63.5 95.3
98 44.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.247 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

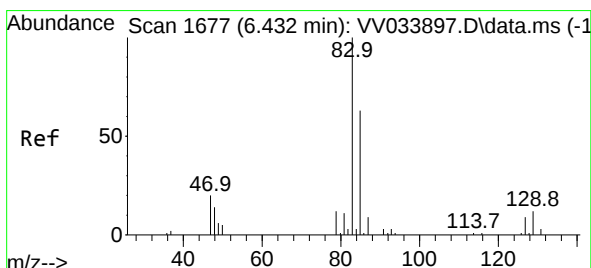
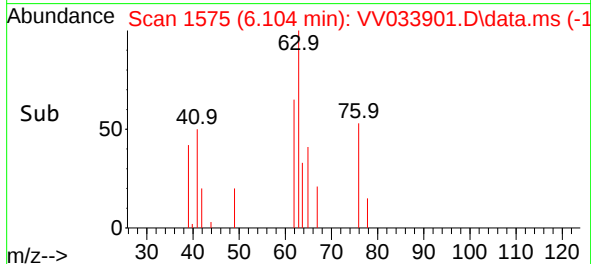
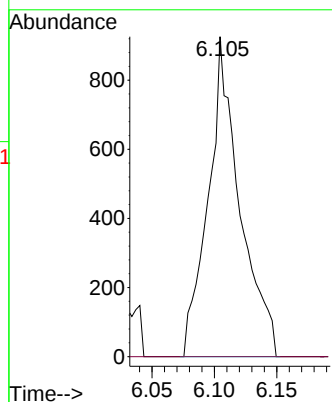
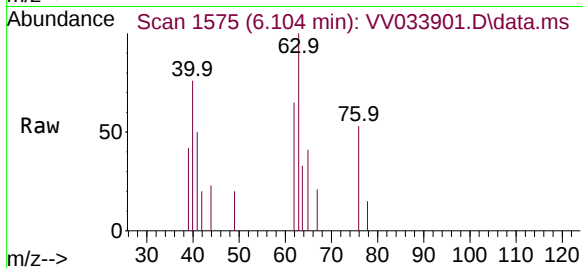
ClientSampleId :

Tgt Ion: 63 Resp: 1631

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.193 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.013 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

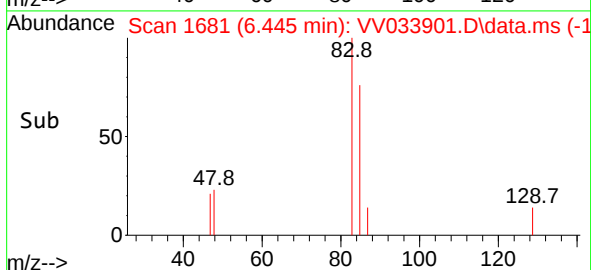
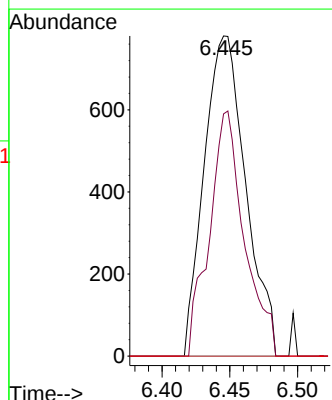
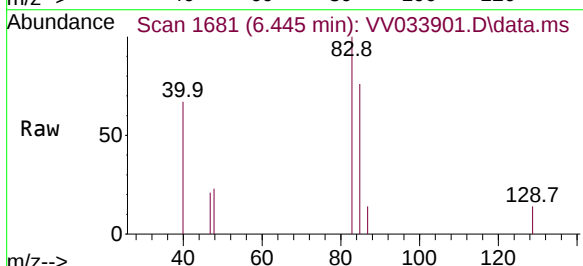
Tgt Ion: 83 Resp: 1668

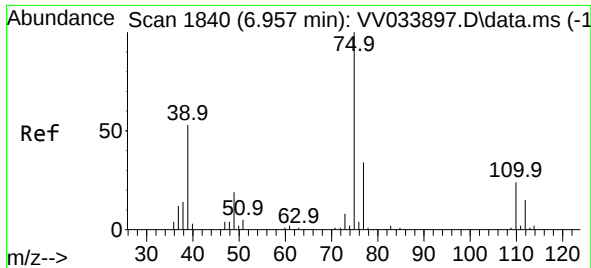
Ion Ratio Lower Upper

83 100

85 75.6 45.4 84.2

127 0.0 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 6.973 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

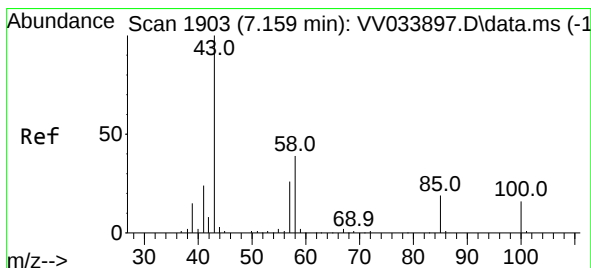
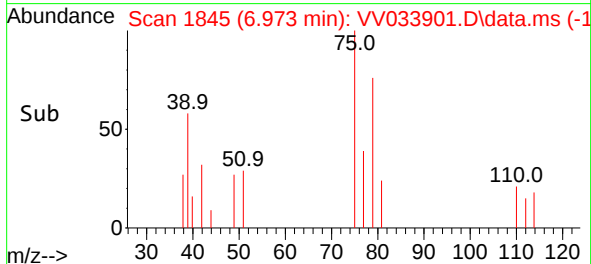
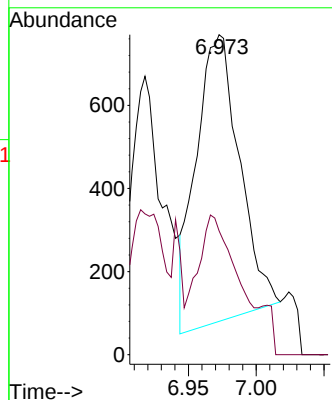
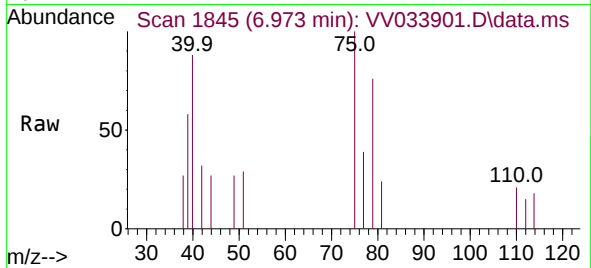
ClientSampleId :

Tgt Ion: 75 Resp: 1541

Ion Ratio Lower Upper

75 100

77 38.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 2.044 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

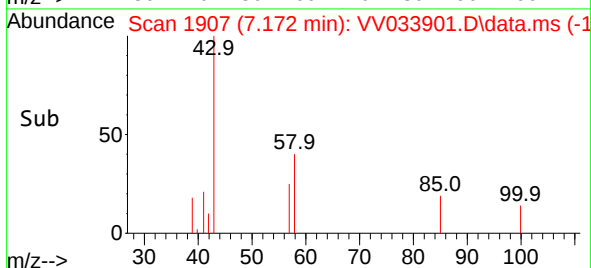
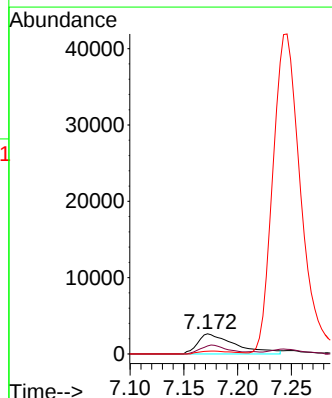
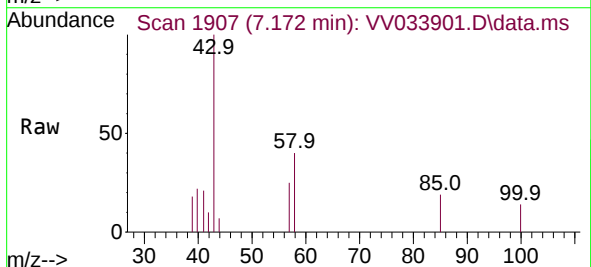
Tgt Ion: 43 Resp: 6455

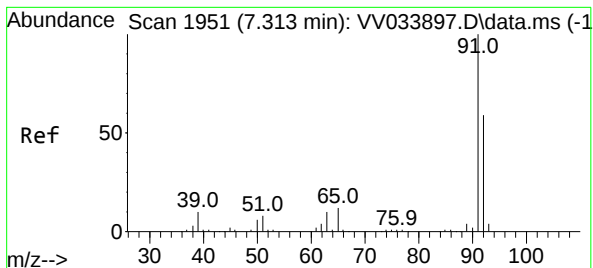
Ion Ratio Lower Upper

43 100

58 31.9 30.2 45.2

100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.236 ug/L

RT: 7.326 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

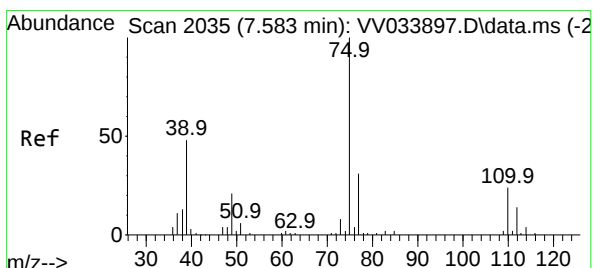
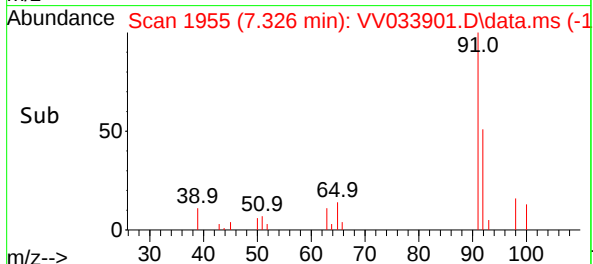
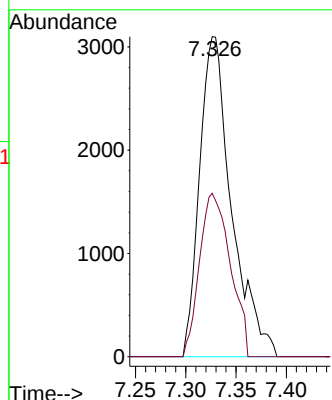
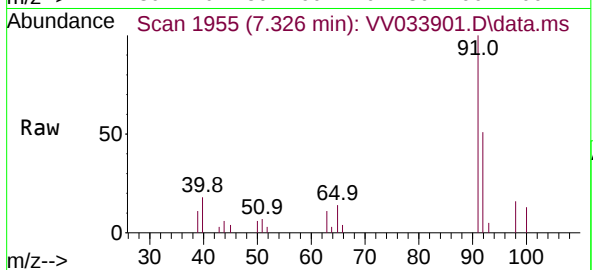
ClientSampleId :

Tgt Ion: 91 Resp: 6863

Ion Ratio Lower Upper

91 100

92 51.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.050 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033901.D

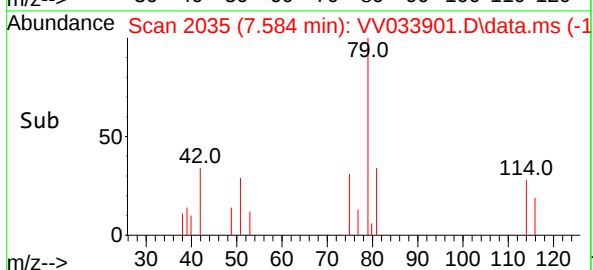
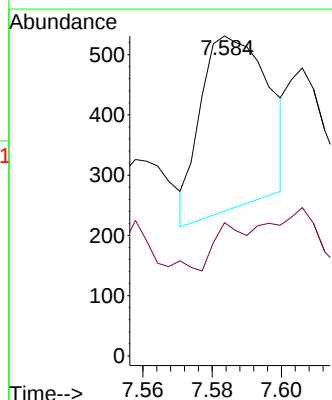
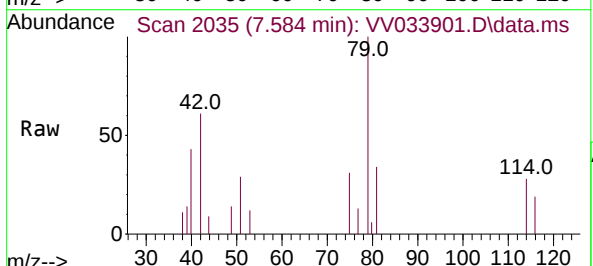
Acq: 29 Jan 2024 13:01

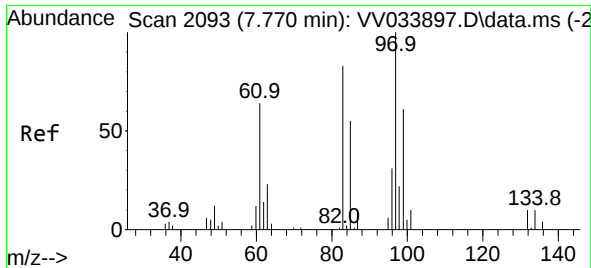
Tgt Ion: 75 Resp: 387

Ion Ratio Lower Upper

75 100

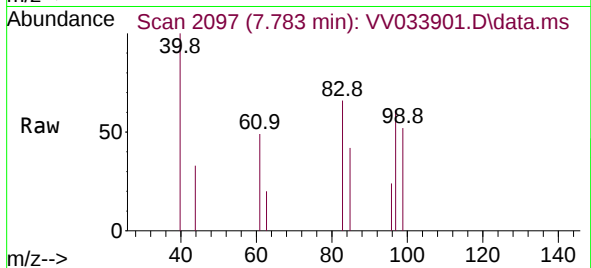
77 41.6 22.2 41.2#



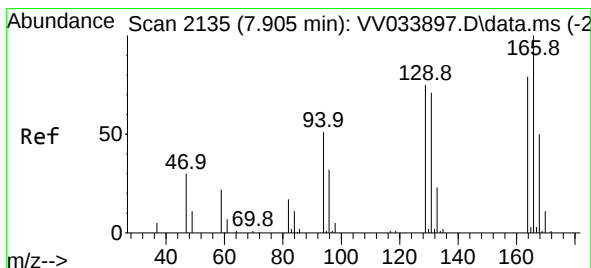
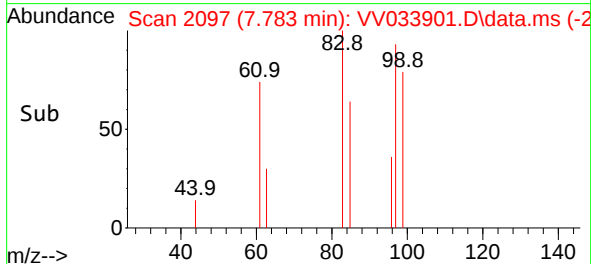
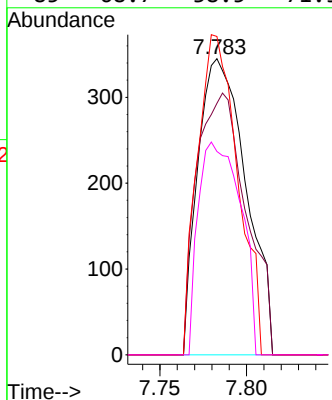


#45
1,1,2-Trichloroethane
Concen: 0.164 ug/L
RT: 7.783 min Scan# 2093
Delta R.T. 0.013 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Instrument :
MSVOA_V
ClientSampleId :

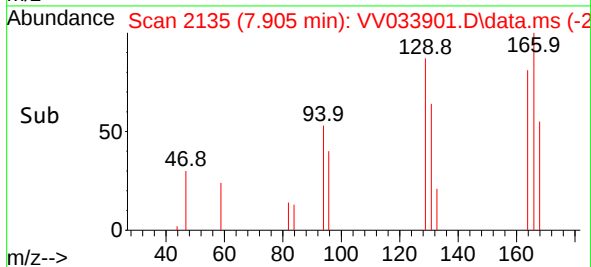
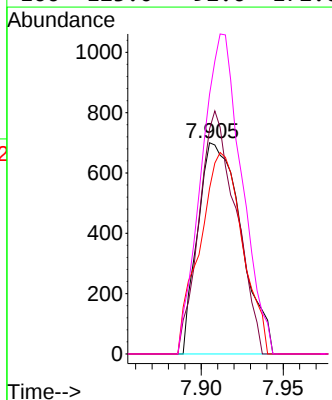
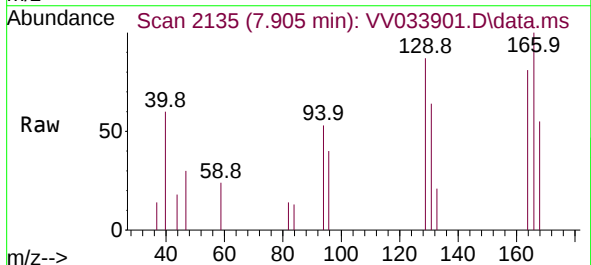


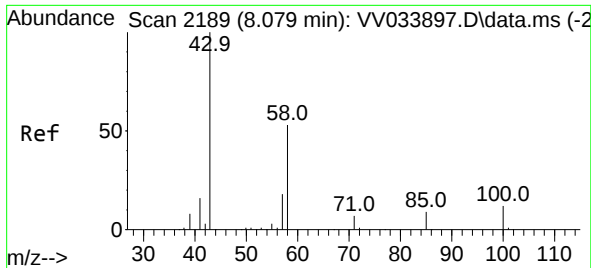
Tgt Ion: 97	Resp: 669
Ion Ratio	Lower Upper
97 100	
99 84.9	45.6 84.6#
83 107.5	62.3 115.7
85 68.7	38.5 71.5



#47
Tetrachloroethene
Concen: 0.201 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt	Ion:164	Resp:	1289
Ion	Ratio	Lower	Upper
164	100		
129	106.6	67.8	125.8
131	78.4	63.0	117.0
166	123.0	92.6	172.0

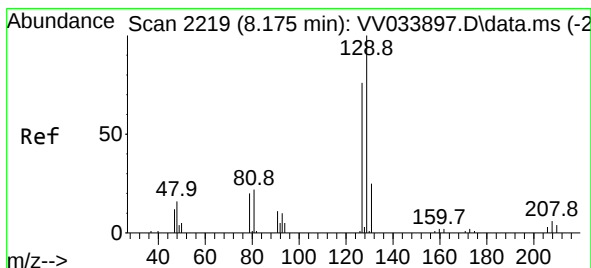
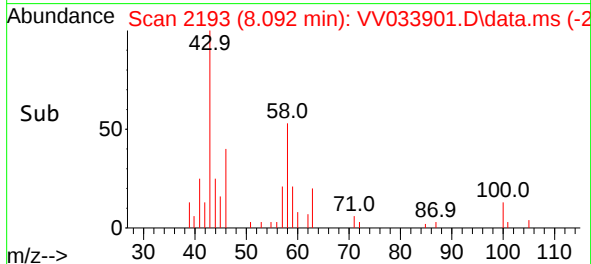
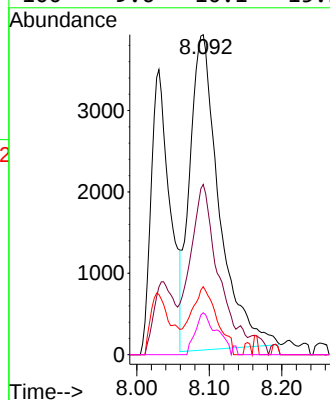
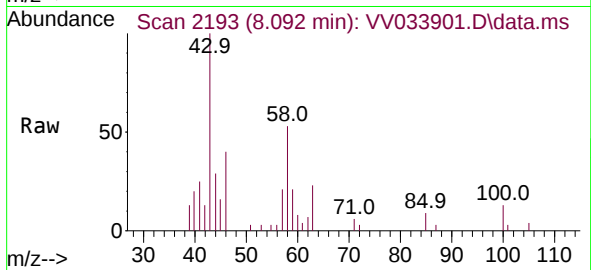




#48
2-Hexanone
Concen: 4.910 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

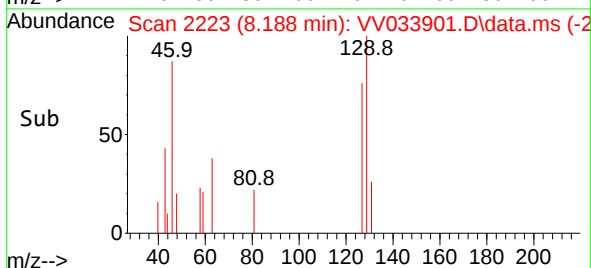
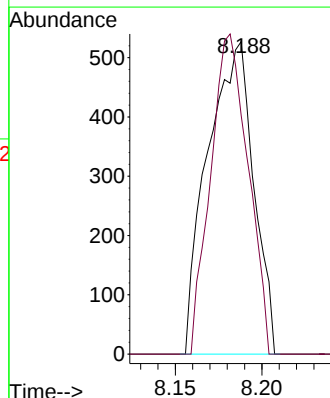
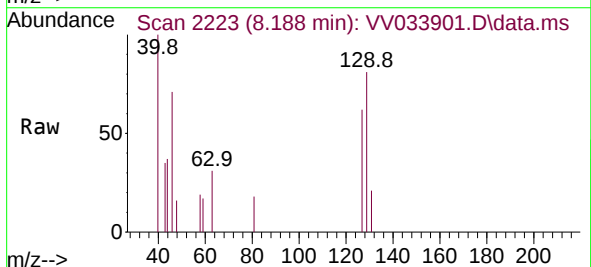
Instrument :
MSVOA_V
ClientSampleId :

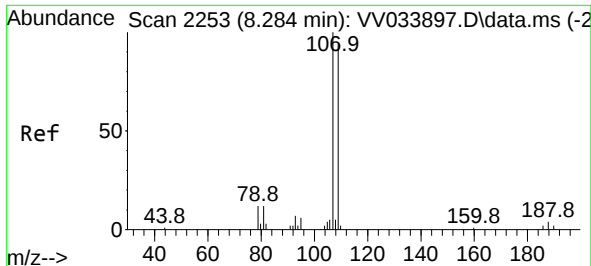
Tgt Ion: 43 Resp: 10929
Ion Ratio Lower Upper
43 100
58 40.7 42.6 64.0#
57 19.3 15.5 23.3
100 9.6 10.1 15.1#



#49
Dibromochloromethane
Concen: 0.200 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.013 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 129 Resp: 970
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.243 ug/L

RT: 8.294 min Scan# 21

Delta R.T. 0.010 min

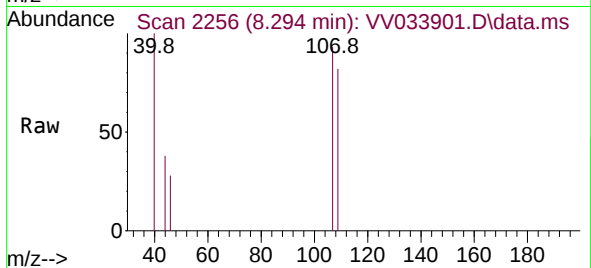
Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :



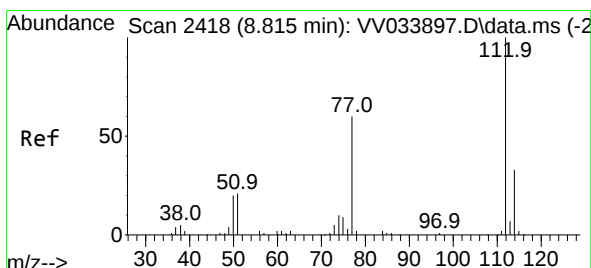
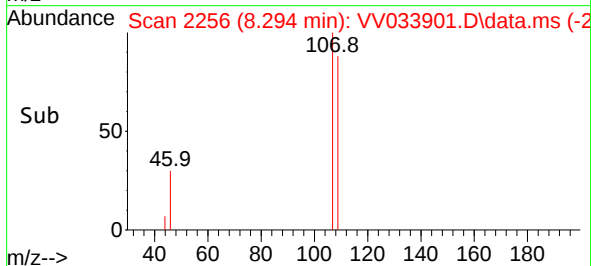
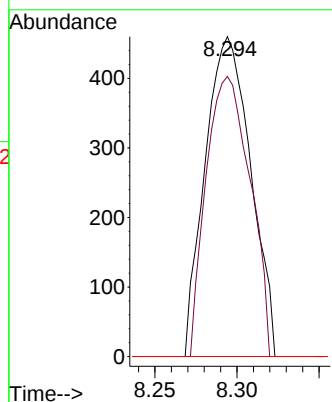
Tgt Ion:107 Resp: 888

Ion Ratio Lower Upper

107 100

109 87.6 64.5 119.9

188 0.0 2.6 4.0#



#51

Chlorobenzene

Concen: 0.226 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

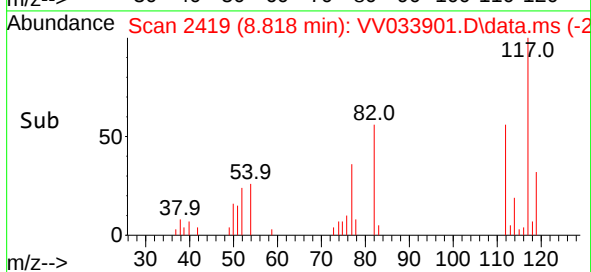
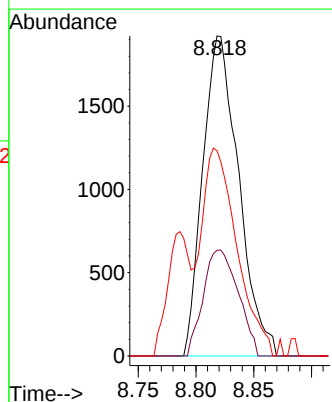
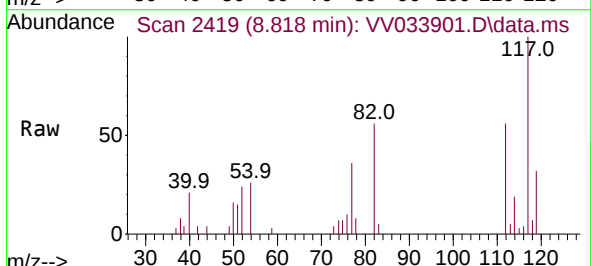
Tgt Ion:112 Resp: 4154

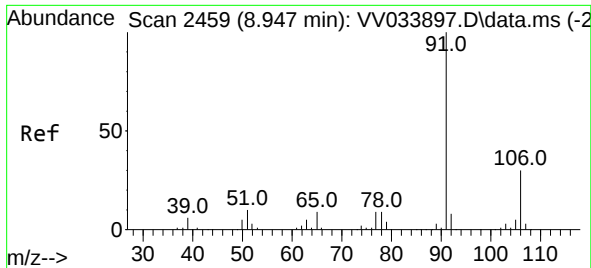
Ion Ratio Lower Upper

112 100

114 33.0 22.5 41.7

77 78.6 48.1 72.1#

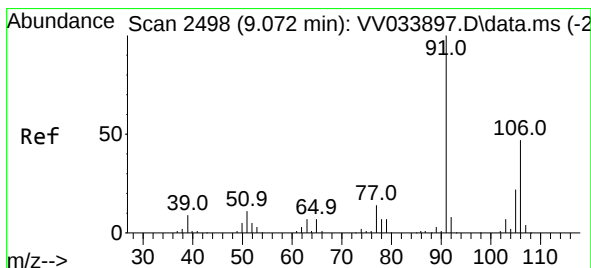
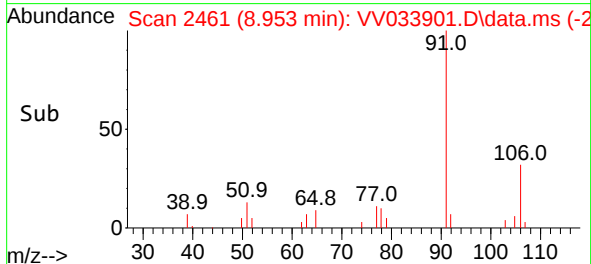
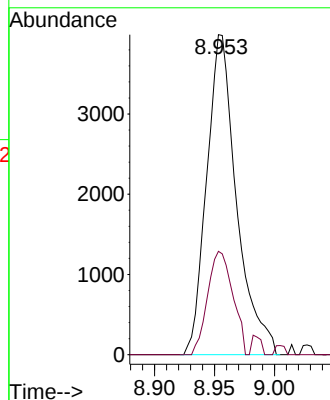
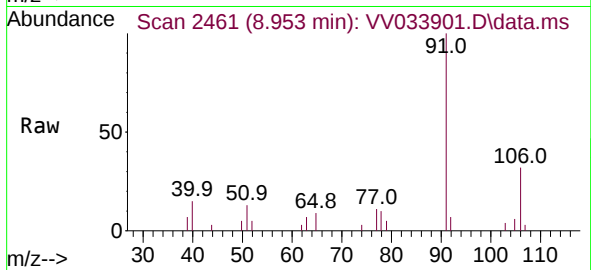




#52
Ethylbenzene
Concen: 0.207 ug/L
RT: 8.953 min Scan# 2459
Delta R.T. 0.006 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

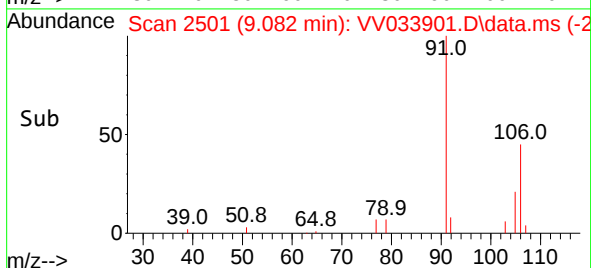
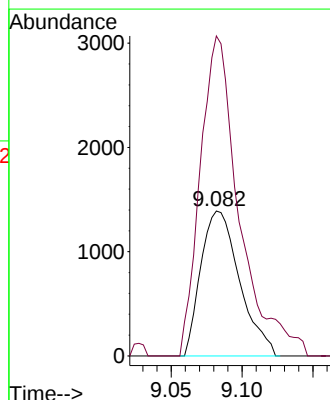
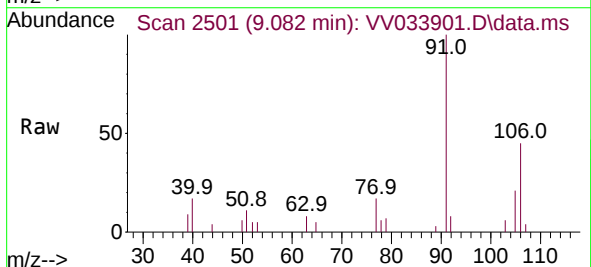
Instrument :
MSVOA_V
ClientSampleId :

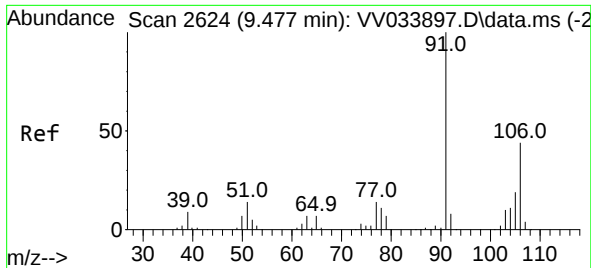
Tgt Ion: 91 Resp: 6918
Ion Ratio Lower Upper
91 100
106 32.3 21.4 39.8



#53
m,p-Xylene
Concen: 0.209 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 106 Resp: 2647
Ion Ratio Lower Upper
106 100
91 220.8 147.5 273.9

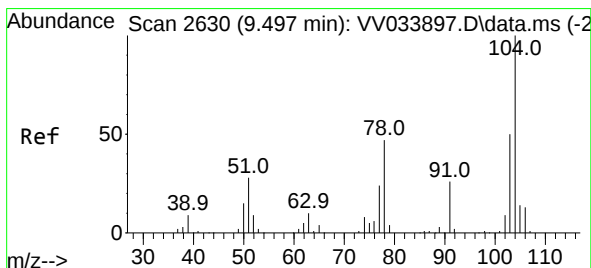
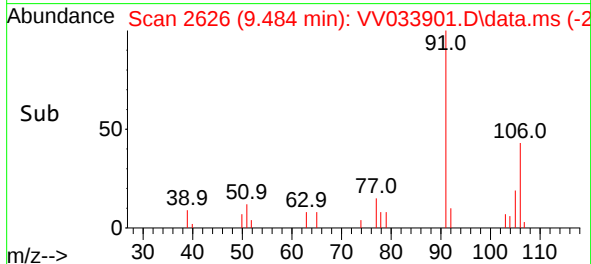
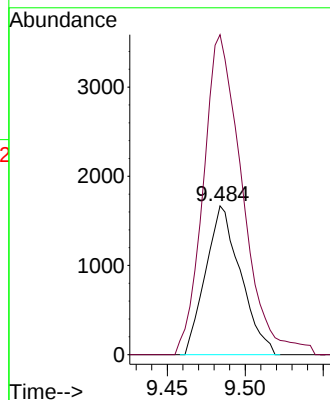
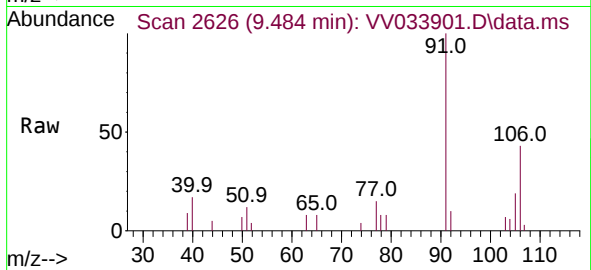




#54
o-Xylene
Concen: 0.213 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

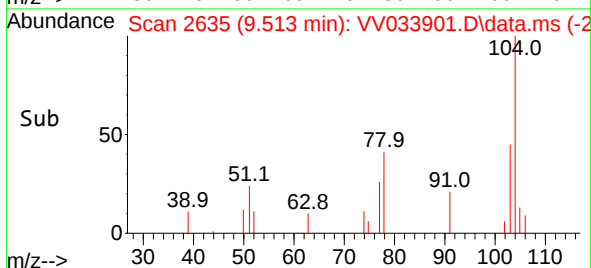
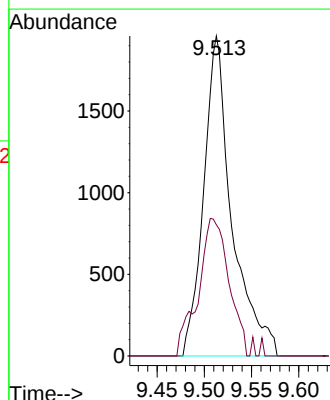
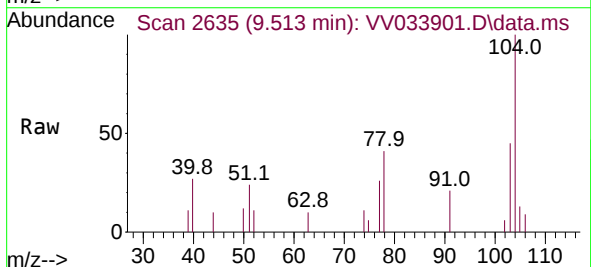
Instrument :
MSVOA_V
ClientSampleId :

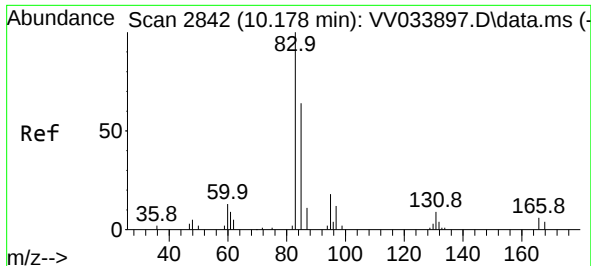
Tgt Ion:106 Resp: 2601
Ion Ratio Lower Upper
106 100
91 215.0 156.2 290.0



#55
Styrene
Concen: 0.208 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.016 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion:104 Resp: 4062
Ion Ratio Lower Upper
104 100
78 41.0 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.233 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV033901.D

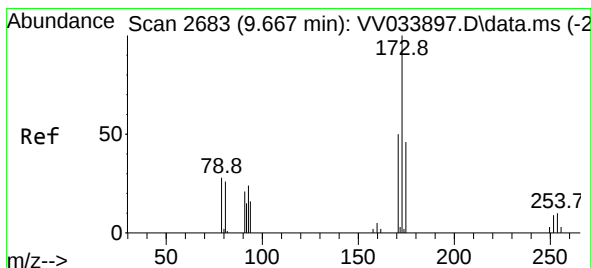
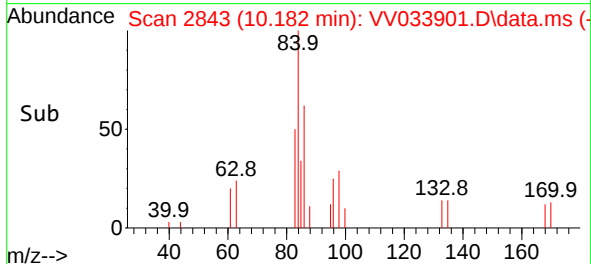
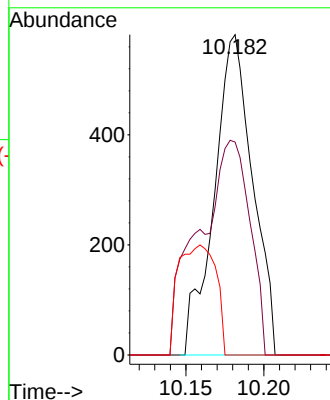
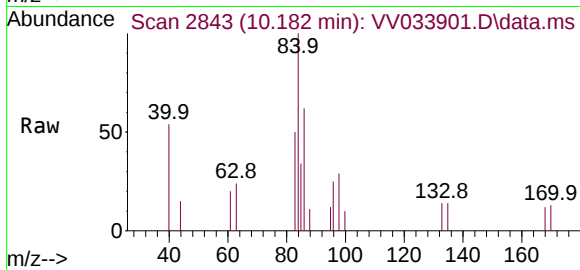
Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	1000
Ion	Ratio	Lower	Upper
83	100		
85	66.5	46.5	86.3
131	0.0	8.4	12.6#



#59

Bromoform

Concen: 0.173 ug/L

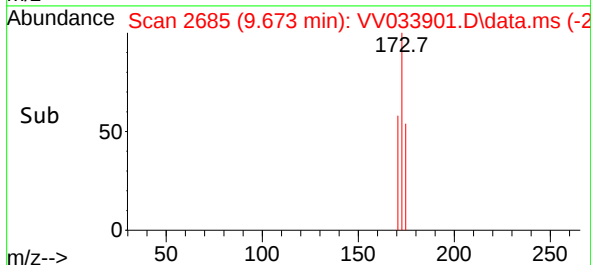
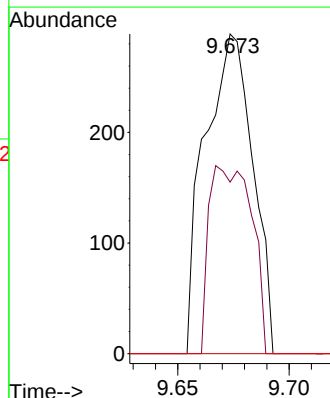
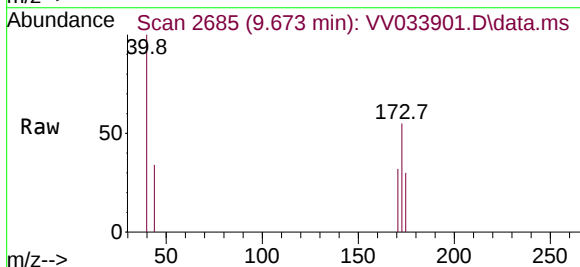
RT: 9.673 min Scan# 2685

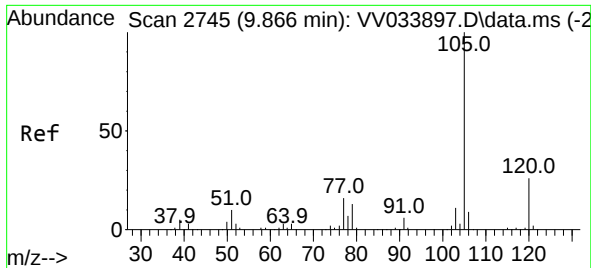
Delta R.T. 0.006 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Tgt Ion:	173	Resp:	432
Ion	Ratio	Lower	Upper
173	100		
175	52.3	38.6	57.8
254	0.0	7.2	10.8#

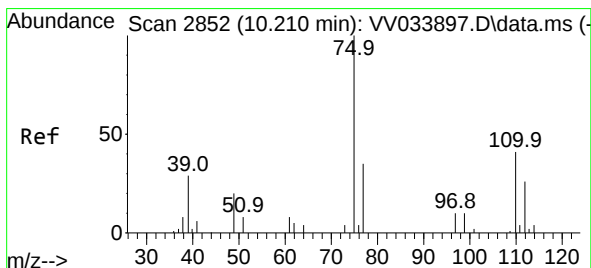
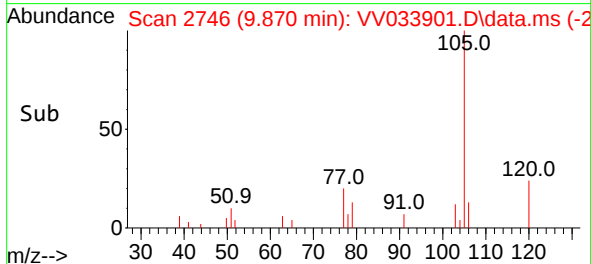
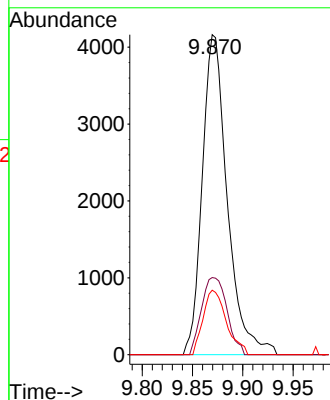
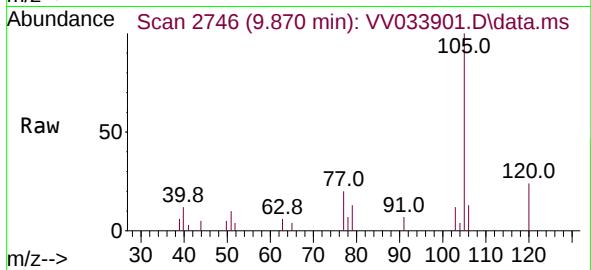




#60
Isopropylbenzene
Concen: 0.215 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

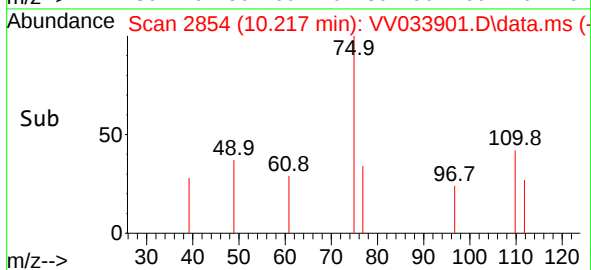
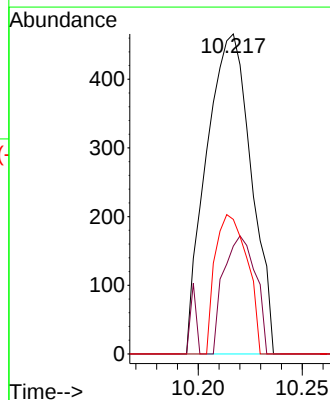
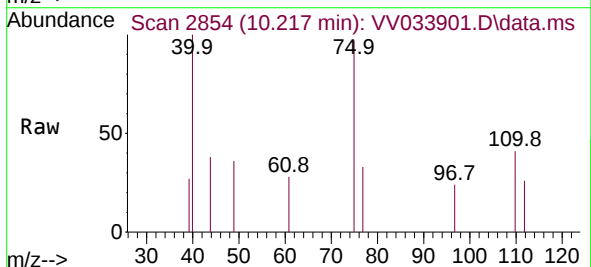
Instrument :
MSVOA_V
ClientSampleId :

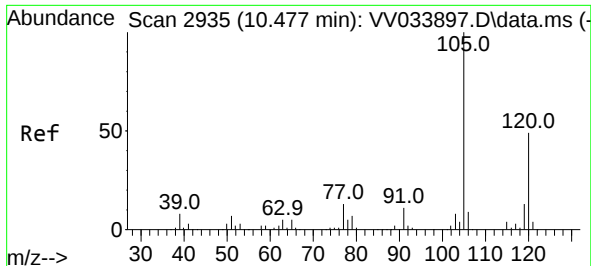
Tgt Ion:105 Resp: 7204
Ion Ratio Lower Upper
105 100
120 24.5 20.7 31.1
77 18.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.225 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.006 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion: 75 Resp: 699
Ion Ratio Lower Upper
75 100
77 26.3 26.9 40.3#
110 31.2 33.3 49.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.214 ug/L

RT: 10.481 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

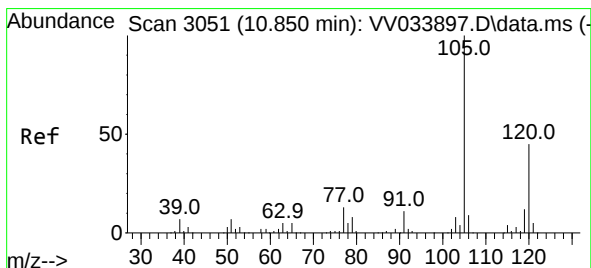
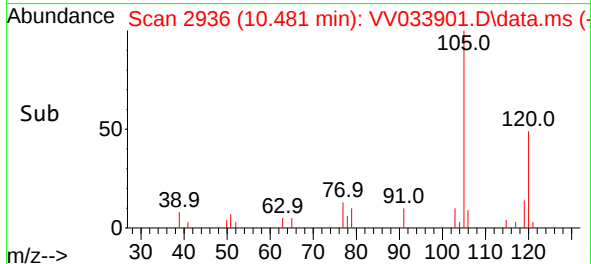
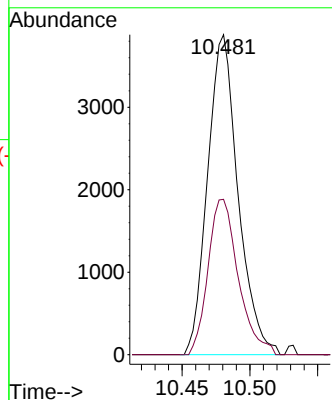
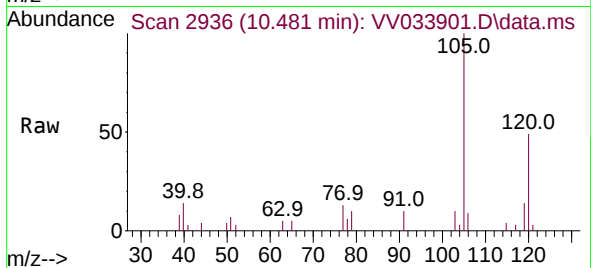
ClientSampleId :

Tgt Ion:105 Resp: 6062

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.212 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033901.D

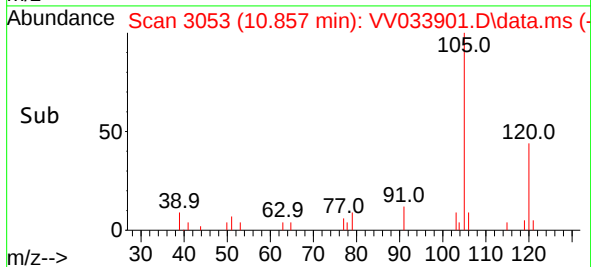
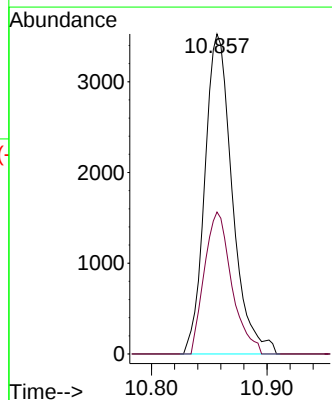
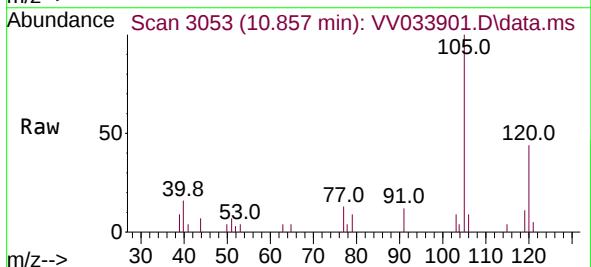
Acq: 29 Jan 2024 13:01

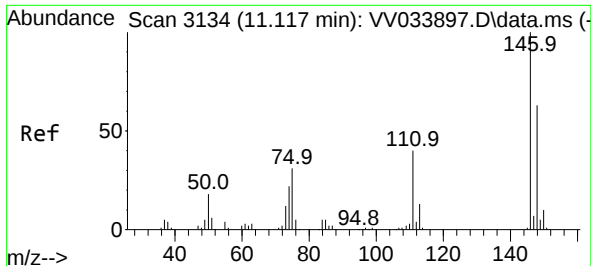
Tgt Ion:105 Resp: 5826

Ion Ratio Lower Upper

105 100

120 44.0 36.2 54.2

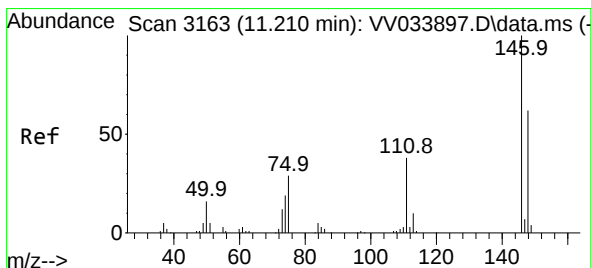
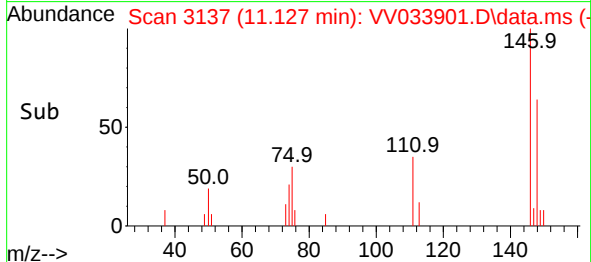
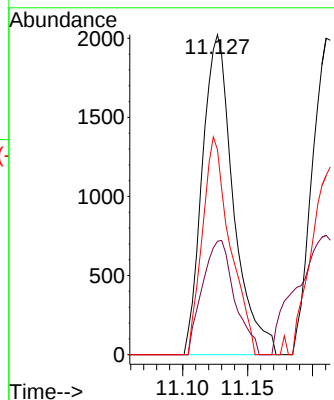
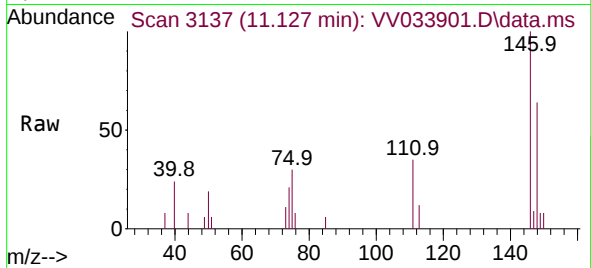




#64
1,3-Dichlorobenzene
Concen: 0.231 ug/L
RT: 11.127 min Scan# 3134
Delta R.T. 0.010 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

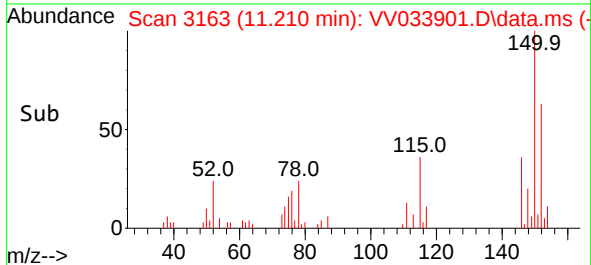
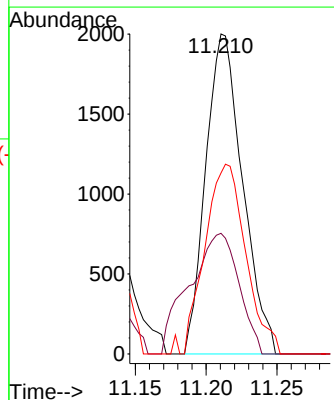
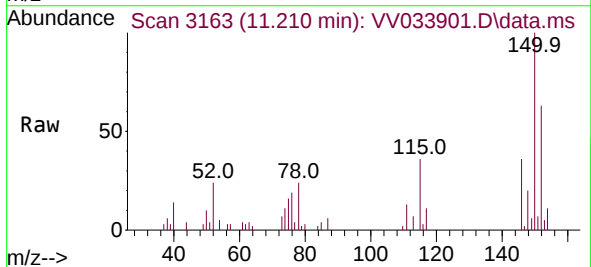
Instrument :
MSVOA_V
ClientSampleId :

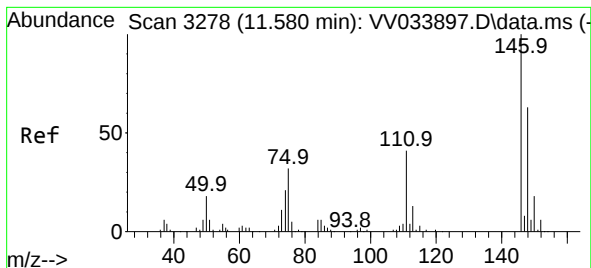
Tgt Ion:146 Resp: 3365
Ion Ratio Lower Upper
146 100
111 35.4 28.5 52.9
148 64.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.250 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion:146 Resp: 3619
Ion Ratio Lower Upper
146 100
111 37.7 27.6 51.4
148 56.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.226 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :

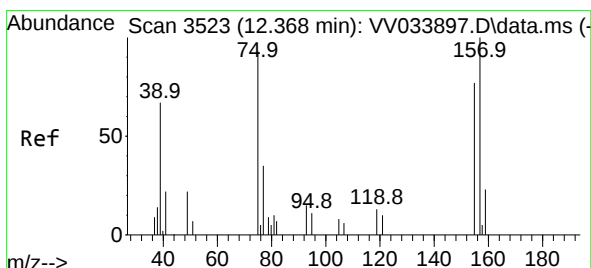
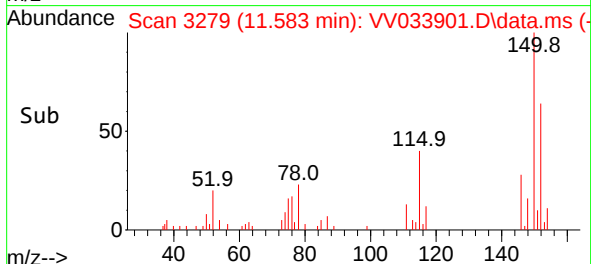
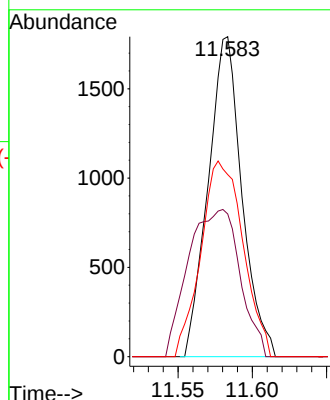
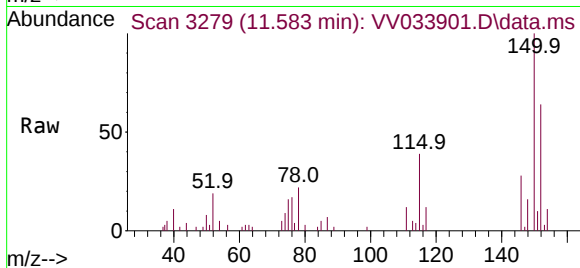
Tgt Ion:146 Resp: 2833

Ion Ratio Lower Upper

146 100

111 44.6 31.2 46.8

148 56.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.678 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.219 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

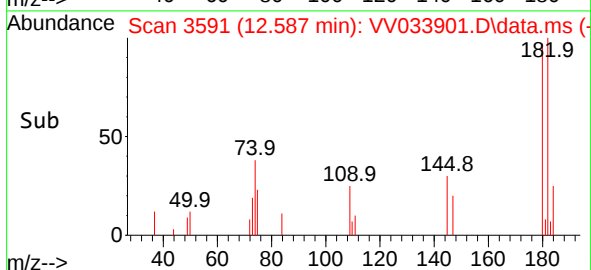
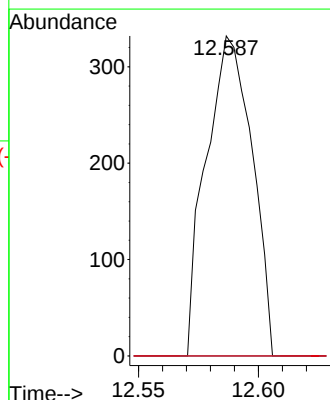
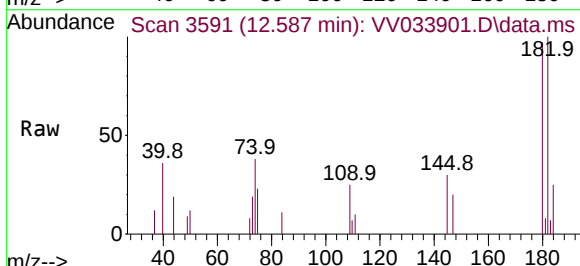
Tgt Ion: 75 Resp: 442

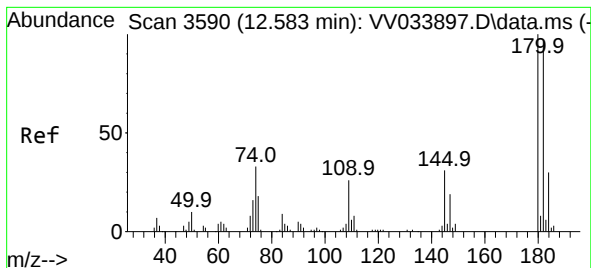
Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

157 0.0 84.6 127.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.217 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.006 min

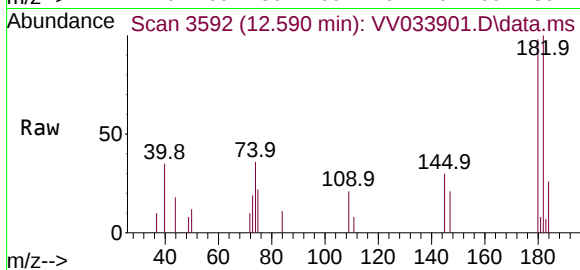
Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2451

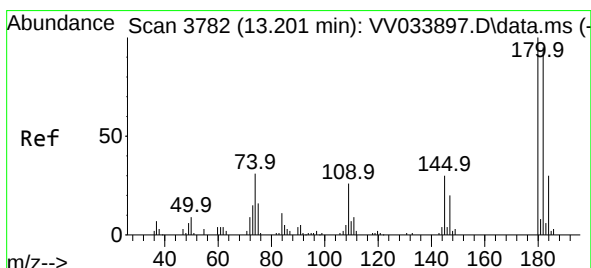
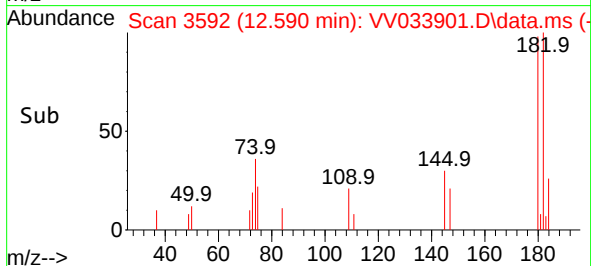
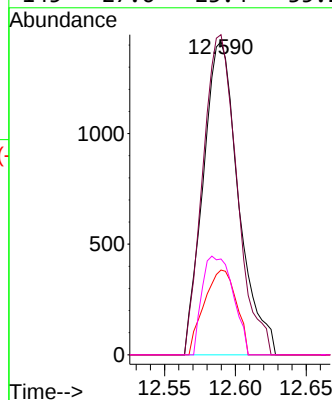
Ion Ratio Lower Upper

180 100

182 98.8 77.0 115.4

184 24.6 23.8 35.6

145 27.6 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 0.242 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV033901.D

Acq: 29 Jan 2024 13:01

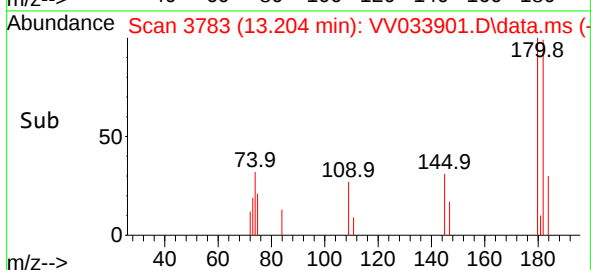
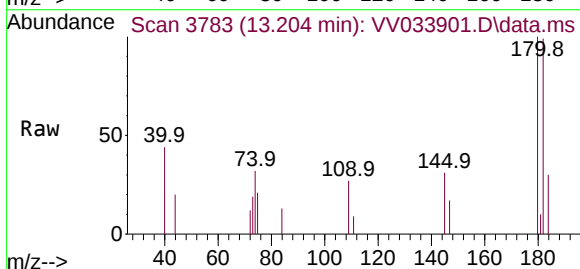
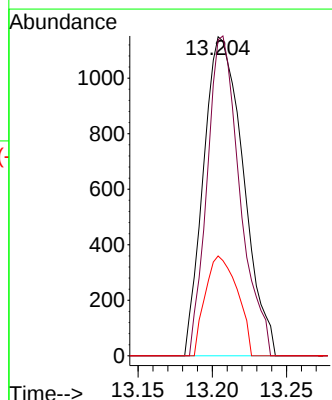
Tgt Ion:180 Resp: 2137

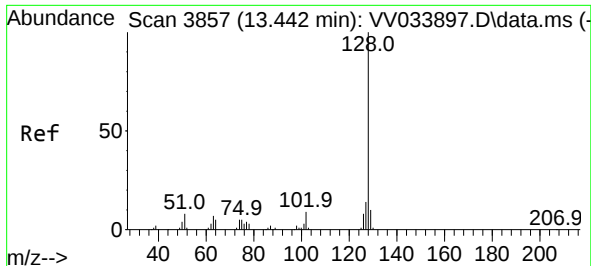
Ion Ratio Lower Upper

180 100

182 82.6 76.8 115.2

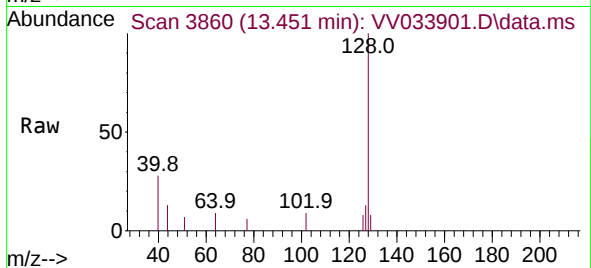
145 25.2 24.8 37.2



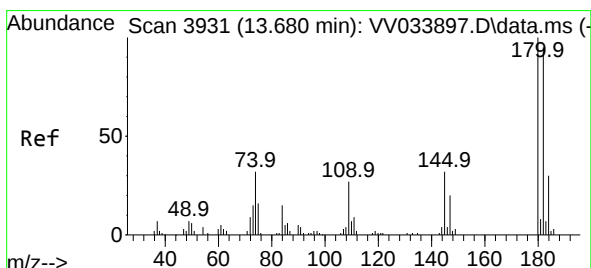
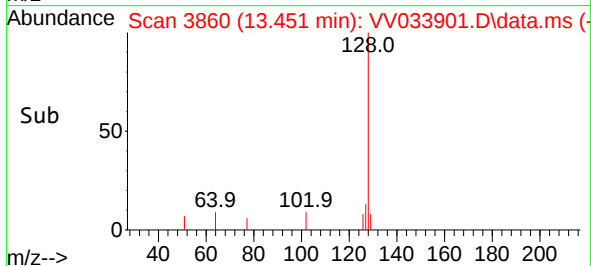
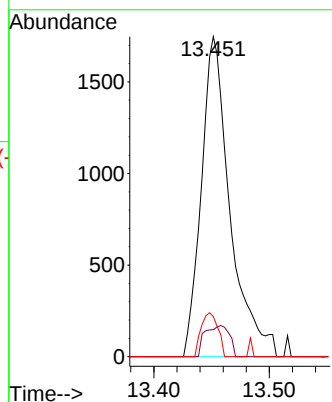


#71
Naphthalene
Concen: 0.261 ug/L
RT: 13.451 min Scan# 3857
Delta R.T. 0.010 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 3017
Ion Ratio Lower Upper
128 100
129 8.3 8.5 12.7#
127 8.1 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.252 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV033901.D
Acq: 29 Jan 2024 13:01

Tgt Ion:180 Resp: 1782
Ion Ratio Lower Upper
180 100
182 86.5 75.0 112.6
145 30.9 25.2 37.8

