

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061256.D
 Acq On : 26 Oct 2024 04:02
 Operator : MD/SY
 Sample : P4560-11MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 05:09:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187624	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	170678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45764	3.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	43692	3.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.560	65	20707	3.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.628	46	118526	45.804	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.600%
24) Chloroform-d	5.052	84	106628	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	52703	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.718	84	209115	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	63869	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	196995	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.174	79	23934	4.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.624	63	106383	44.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50046	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	65760	4.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60415	4.830	ug/L	98
3) Chloromethane	1.515	50	60068	4.554	ug/L	100
5) Vinyl chloride	1.599	62	66917	4.614	ug/L	98
6) Bromomethane	1.853	94	45314	4.715	ug/L	100
8) Chloroethane	1.930	64	49863	4.670	ug/L	97
9) Trichlorofluoromethane	2.133	101	97087	4.929	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55984	4.786	ug/L	98
12) 1,1-Dichloroethene	2.573	96	53392	4.813	ug/L	93
13) Acetone	2.644	43	80507	49.121	ug/L	99
14) Carbon disulfide	2.785	76	169387	4.577	ug/L	99
15) Methyl Acetate	2.956	43	20261	4.992	ug/L	92
16) Methylene chloride	3.036	84	63024	4.821	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	159072	5.291	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	60980	4.971	ug/L	94
19) 1,1-Dichloroethane	3.859	63	115008	4.971	ug/L	99
21) 2-Butanone	4.705	43	134725	51.852	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	72024	5.141	ug/L	98
23) Bromochloromethane	4.965	128	31523	5.347	ug/L	95
25) Chloroform	5.078	83	124540	5.120	ug/L	100

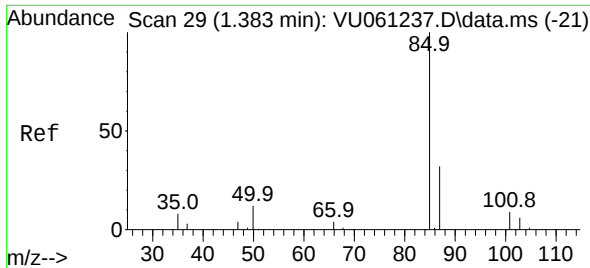
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76608	4.984	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	104387	4.994	ug/L	99
30) Cyclohexane	5.377	56	100909	4.814	ug/L	98
31) Carbon tetrachloride	5.515	117	89576	5.009	ug/L	100
33) Benzene	5.766	78	267175	5.062	ug/L	100
34) Trichloroethene	6.534	95	69240	4.822	ug/L	99
35) Methylcyclohexane	6.753	83	107793	4.717	ug/L	98
37) 1,2-Dichloropropane	6.782	63	67826	5.069	ug/L	100
38) Bromodichloromethane	7.097	83	84721	5.003	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	98542	4.769	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	336797	50.578	ug/L	99
42) Toluene	7.962	91	287616	5.018	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	78052	4.636	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	49990	5.192	ug/L	97
47) Tetrachloroethene	8.544	164	49267	4.913	ug/L	99
48) 2-Hexanone	8.676	43	246279	52.301	ug/L	99
49) Dibromochloromethane	8.801	129	52475	4.805	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46218	4.941	ug/L	99
51) Chlorobenzene	9.438	112	183049	5.052	ug/L	99
52) Ethylbenzene	9.563	91	310146	4.919	ug/L	100
53) m,p-Xylene	9.685	106	117994	4.912	ug/L	99
54) o-Xylene	10.090	106	116200	4.902	ug/L	100
55) Styrene	10.106	104	182080	4.791	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	59288	5.110	ug/L	99
59) Bromoform	10.283	173	28376	4.766	ug/L	100
60) Isopropylbenzene	10.476	105	304099	4.950	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41251	5.149	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	244902	4.896	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	240761	4.870	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	128817	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	127745	4.846	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	120717	4.960	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	7985	4.747	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	85817	4.841	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	69299	4.845	ug/L	97
71) Naphthalene	14.081	128	105278	4.664	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	58566	4.894	ug/L	99

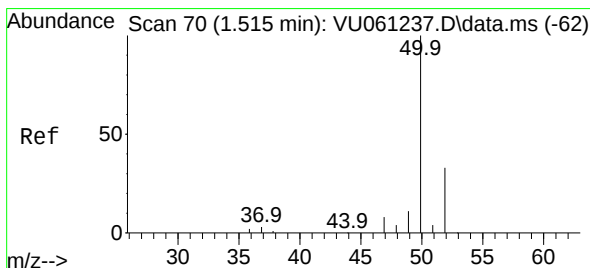
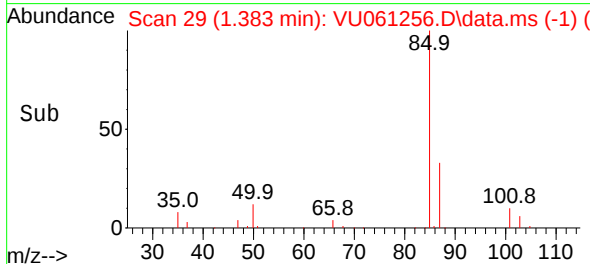
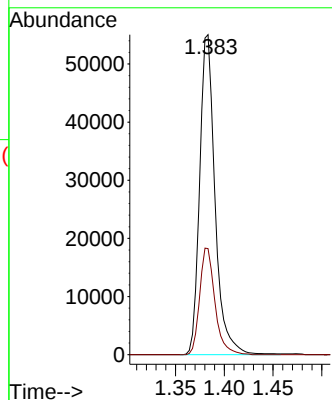
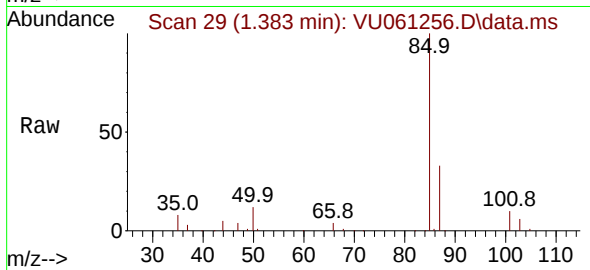
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.830 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

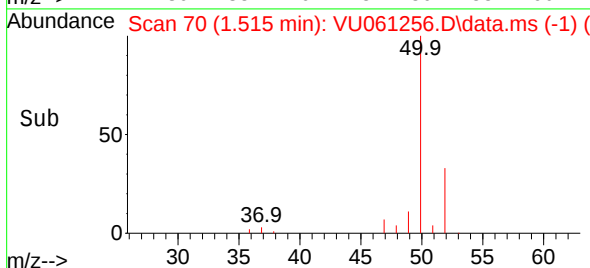
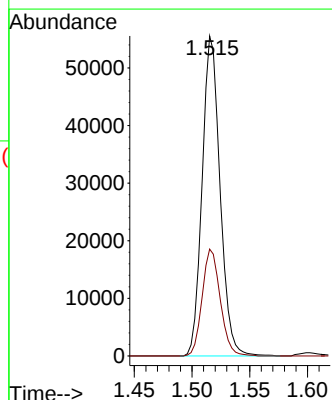
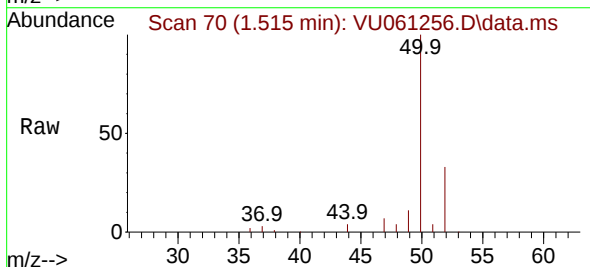
Instrument :
 MSVOA_U
 ClientSampleId :

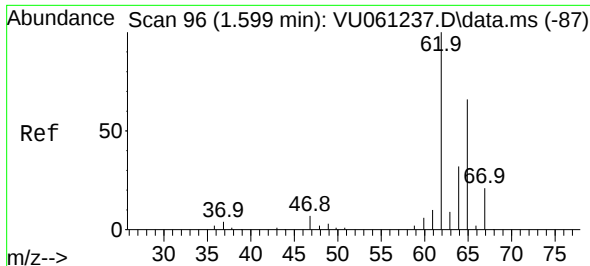
Tgt Ion: 85 Resp: 60415
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.7 38.5



#3
 Chloromethane
 Concen: 4.554 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

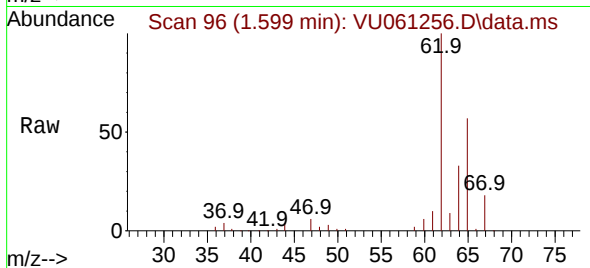
Tgt Ion: 50 Resp: 60068
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4



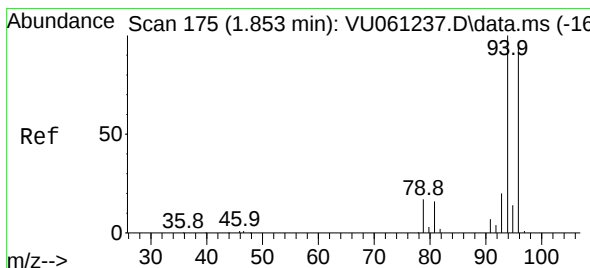
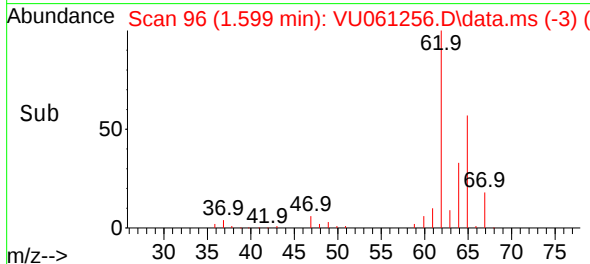
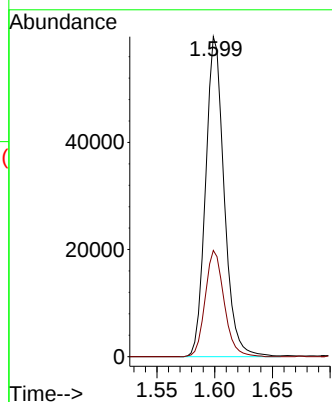


#5
 Vinyl chloride
 Concen: 4.614 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

Instrument :
 MSVOA_U
 ClientSampleId :

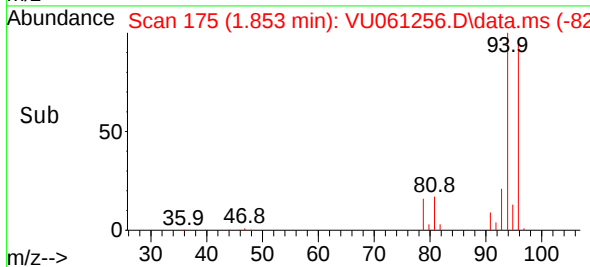
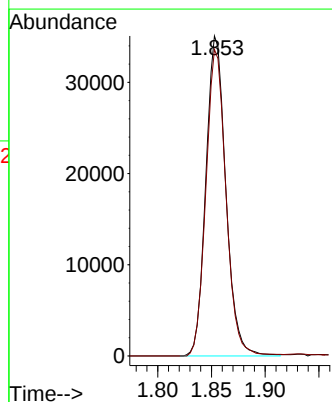
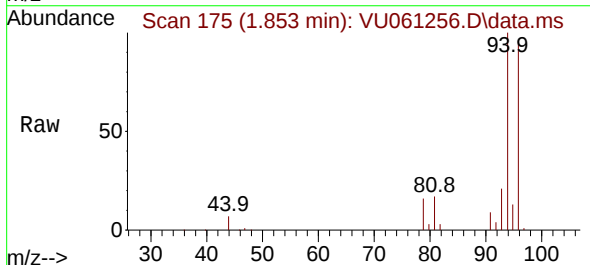


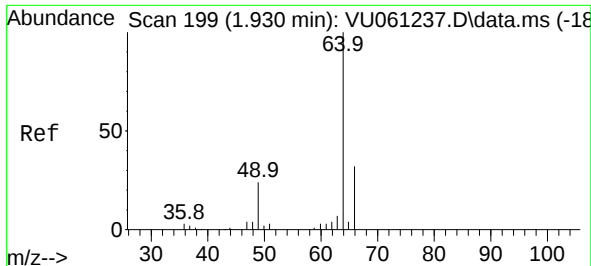
Tgt Ion: 62 Resp: 66917
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0



#6
 Bromomethane
 Concen: 4.715 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

Tgt Ion: 94 Resp: 45314
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.9 124.3

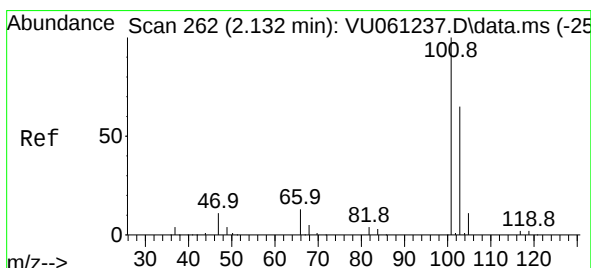
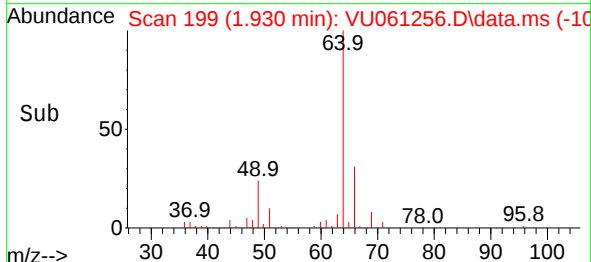
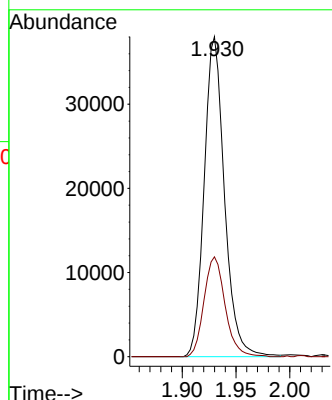
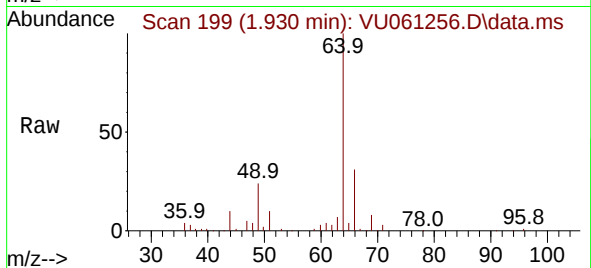




#8
Chloroethane
Concen: 4.670 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

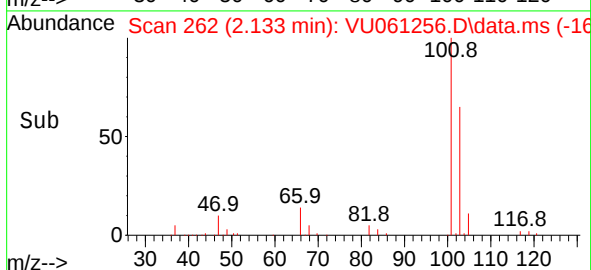
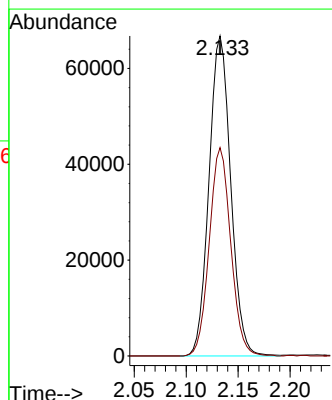
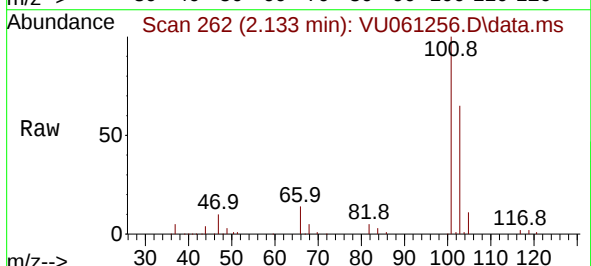
Instrument :
MSVOA_U
ClientSampleId :

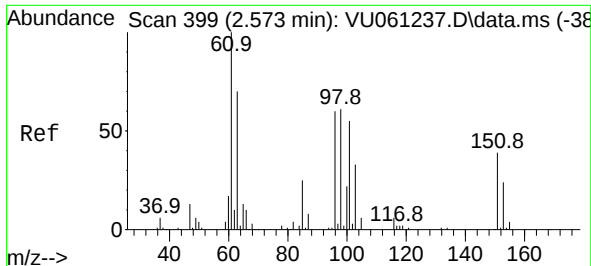
Tgt Ion: 64 Resp: 49863
Ion Ratio Lower Upper
64 100
66 31.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.929 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion:101 Resp: 97087
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

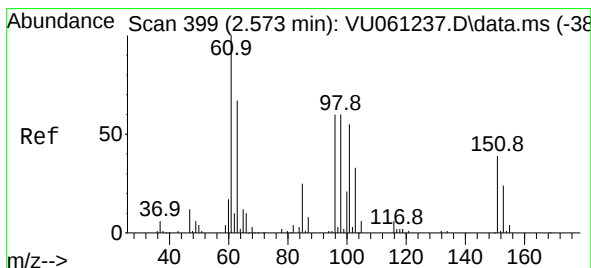
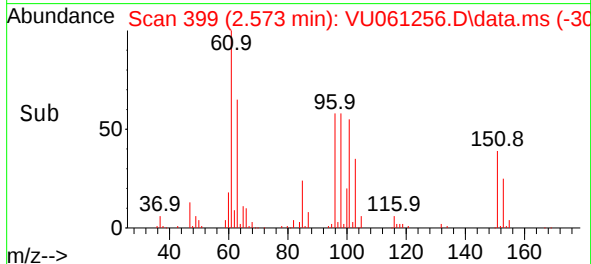
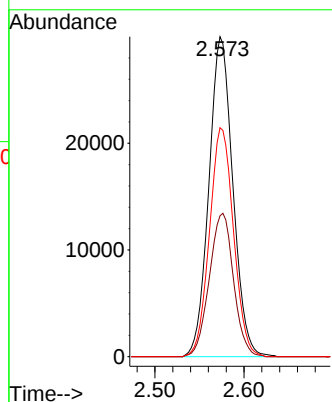
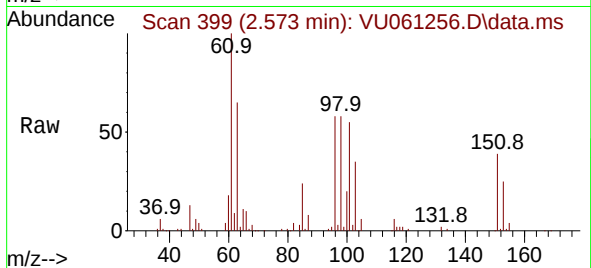




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.786 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

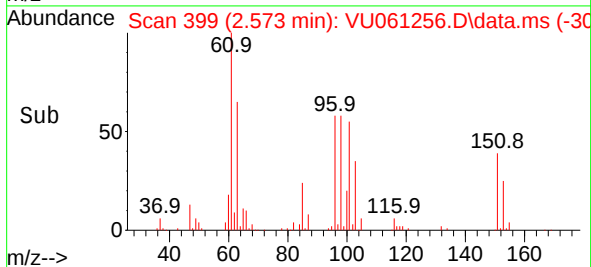
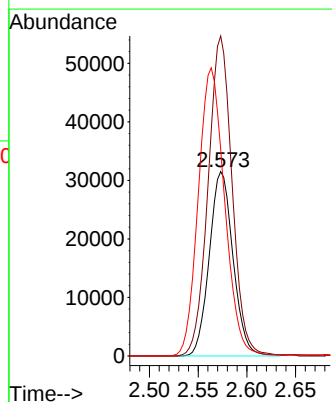
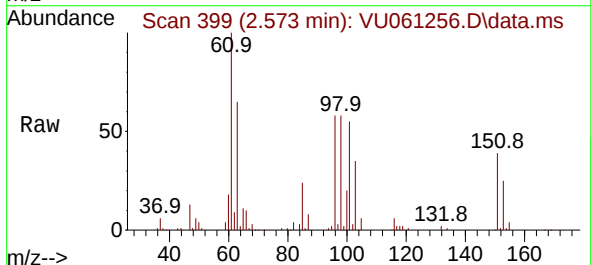
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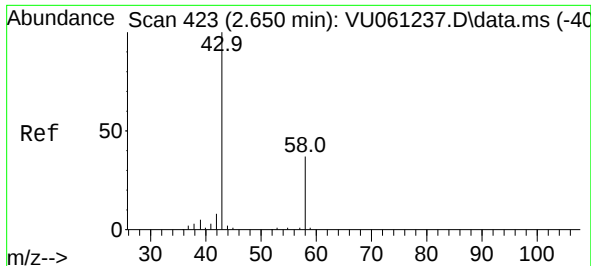
Tgt Ion:101 Resp: 55984
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.6 53.4
 151 71.8 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 4.813 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

Tgt Ion: 96 Resp: 53392
 Ion Ratio Lower Upper
 96 100
 61 173.6 119.1 221.1
 63 112.2 89.4 166.0





#13

Acetone

Concen: 49.121 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

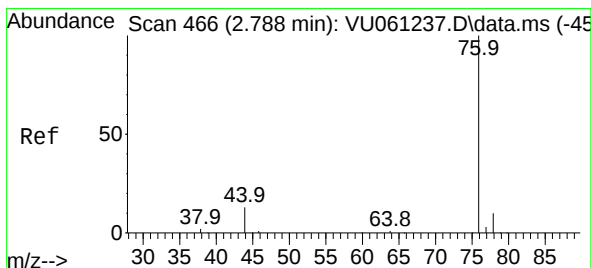
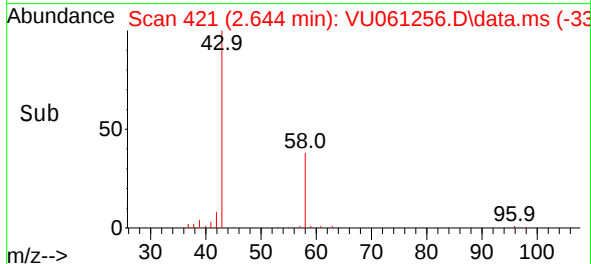
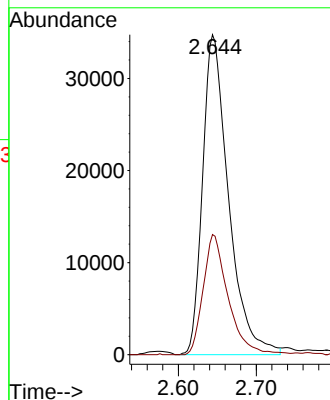
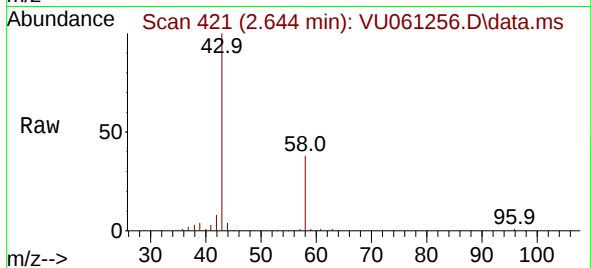
ClientSampleId :

Tgt Ion: 43 Resp: 80507

Ion Ratio Lower Upper

43 100

58 36.1 0.0 73.2



#14

Carbon disulfide

Concen: 4.577 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061256.D

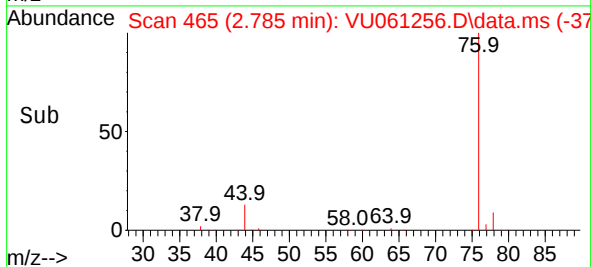
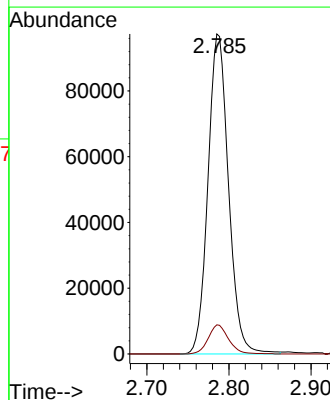
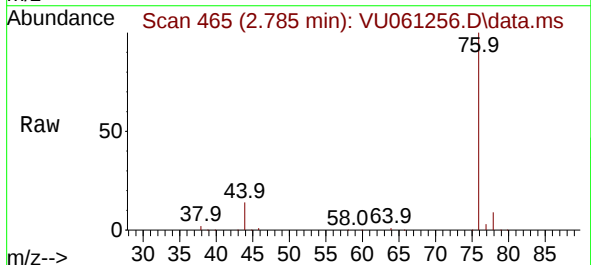
Acq: 26 Oct 2024 04:02

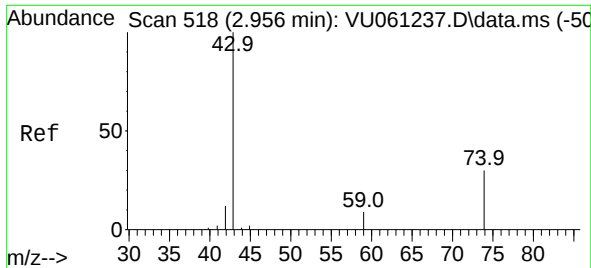
Tgt Ion: 76 Resp: 169387

Ion Ratio Lower Upper

76 100

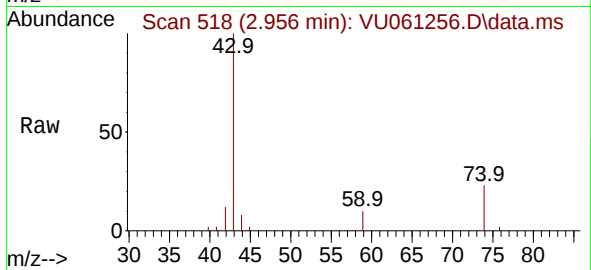
78 9.1 7.4 11.2



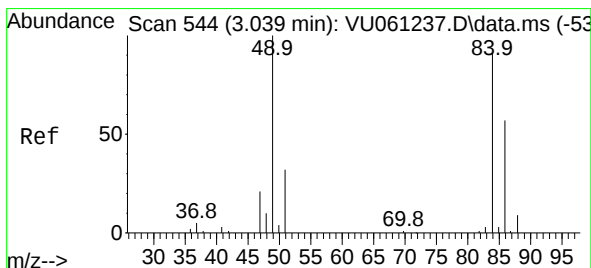
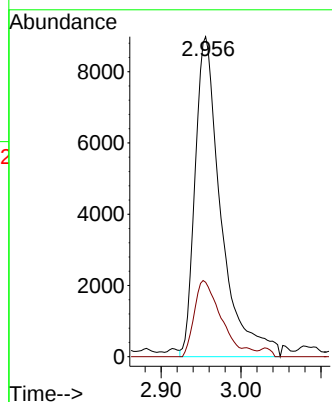
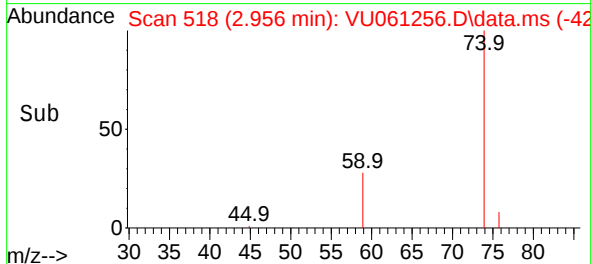


#15
Methyl Acetate
Concen: 4.992 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Instrument :
MSVOA_U
ClientSampleId :

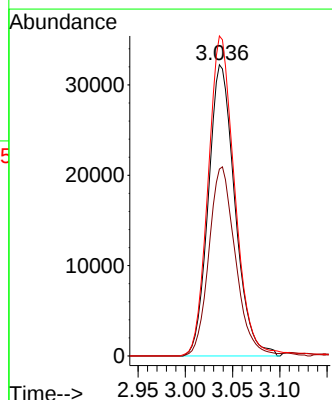
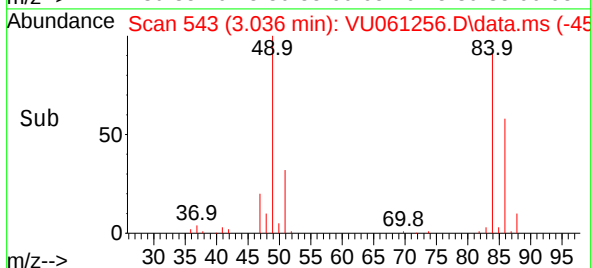
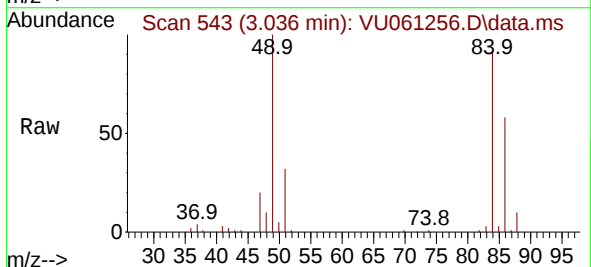


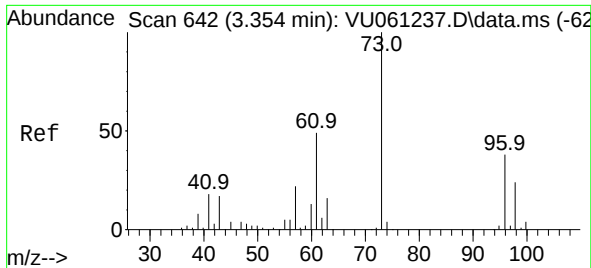
Tgt Ion: 43 Resp: 20261
Ion Ratio Lower Upper
43 100
74 23.8 22.2 33.4



#16
Methylene chloride
Concen: 4.821 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 84 Resp: 63024
Ion Ratio Lower Upper
84 100
86 64.2 43.5 80.7
49 109.9 75.7 140.7

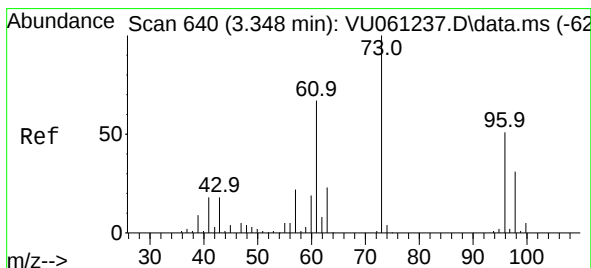
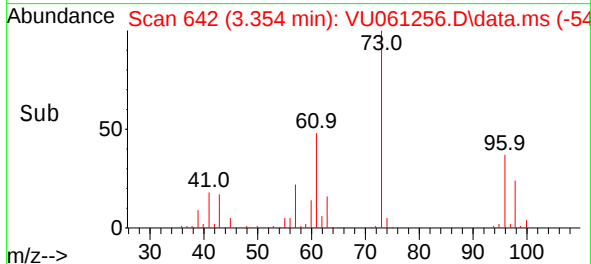
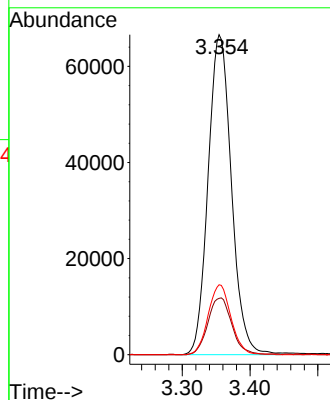
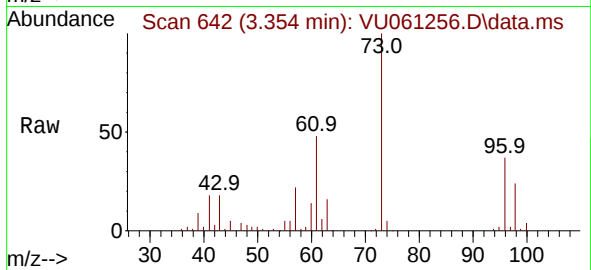




#17
Methyl tert-butyl Ether
Concen: 5.291 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

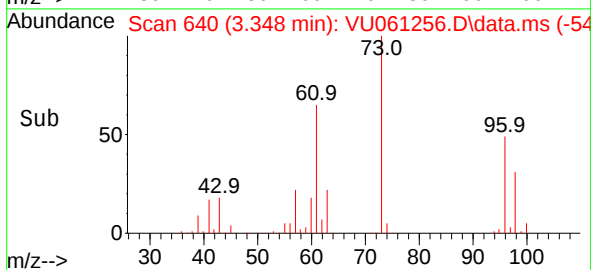
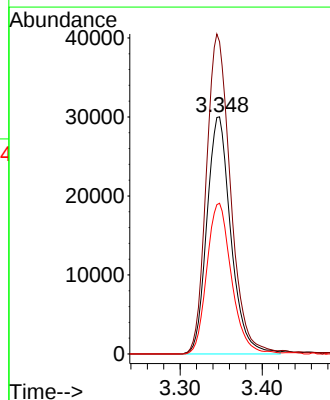
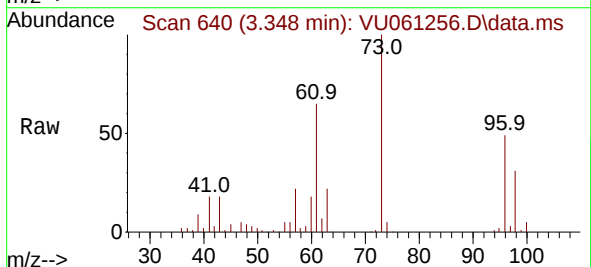
Instrument :
MSVOA_U
ClientSampleId :

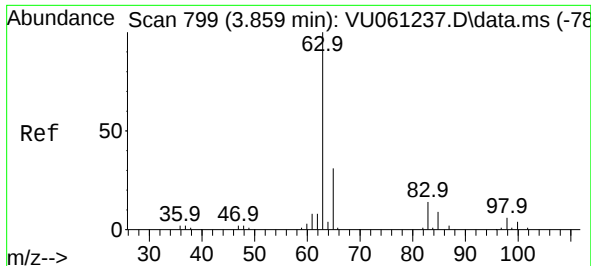
Tgt Ion: 73 Resp: 159072
Ion Ratio Lower Upper
73 100
43 18.3 15.0 22.4
57 21.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.971 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 96 Resp: 60980
Ion Ratio Lower Upper
96 100
61 131.6 97.9 181.7
98 63.5 46.2 85.8





#19

1,1-Dichloroethane

Concen: 4.971 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

ClientSampleId :

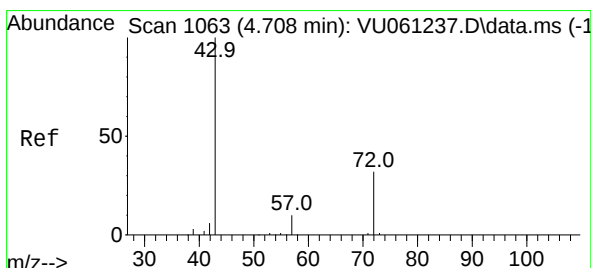
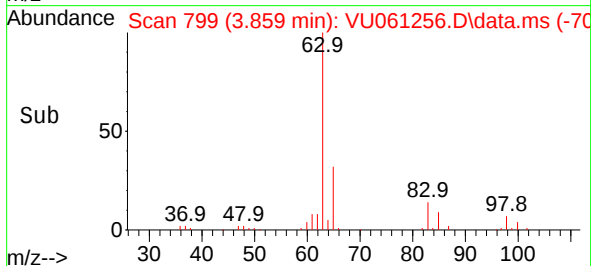
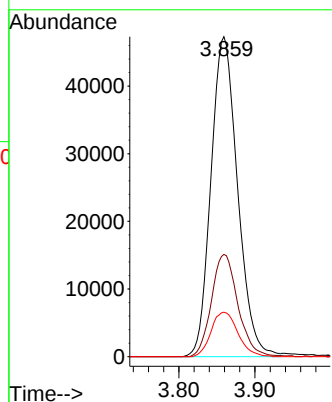
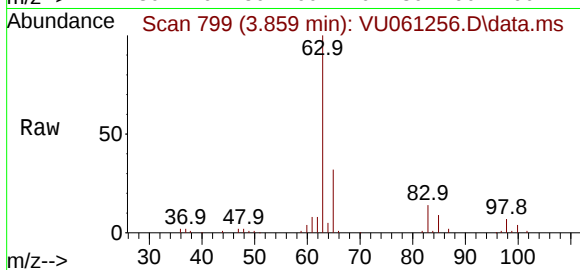
Tgt Ion: 63 Resp: 115008

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.6

83 13.9 9.7 17.9



#21

2-Butanone

Concen: 51.852 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VU061256.D

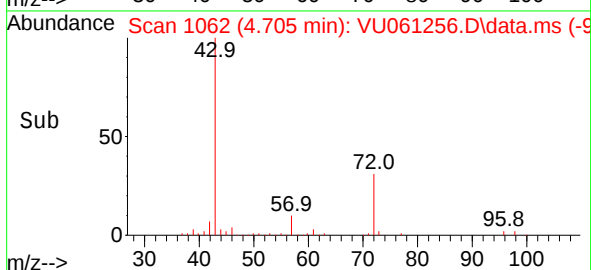
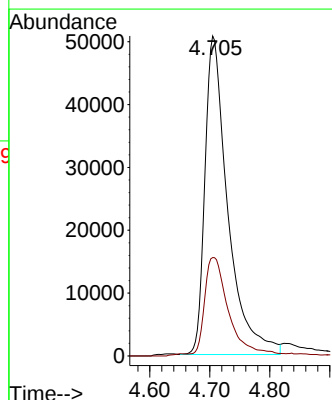
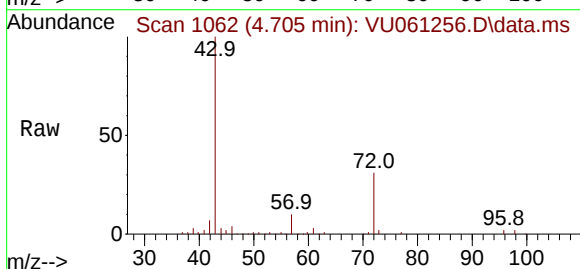
Acq: 26 Oct 2024 04:02

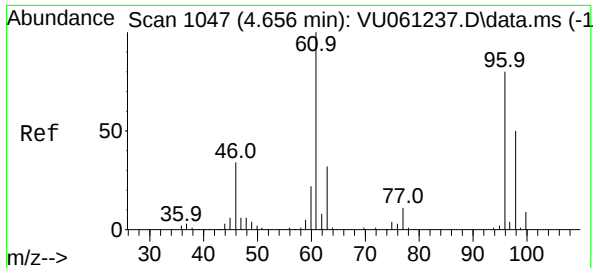
Tgt Ion: 43 Resp: 134725

Ion Ratio Lower Upper

43 100

72 31.4 15.9 47.6

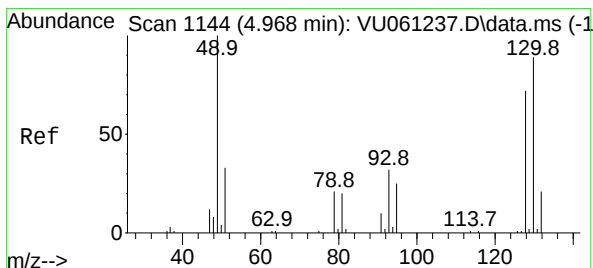
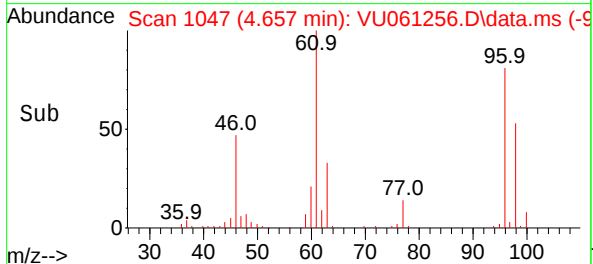
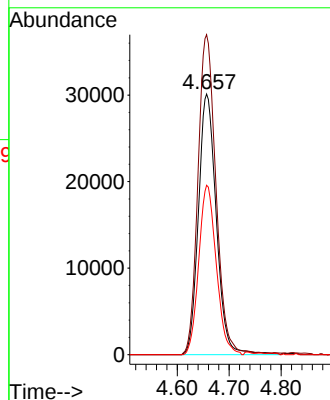
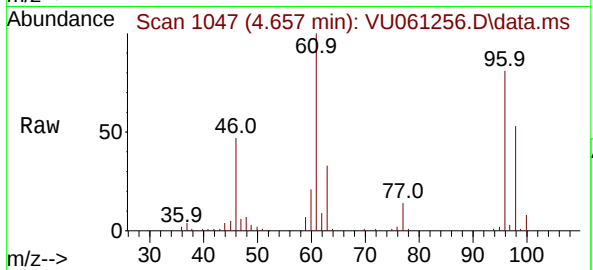




#22
cis-1,2-Dichloroethene
Concen: 5.141 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

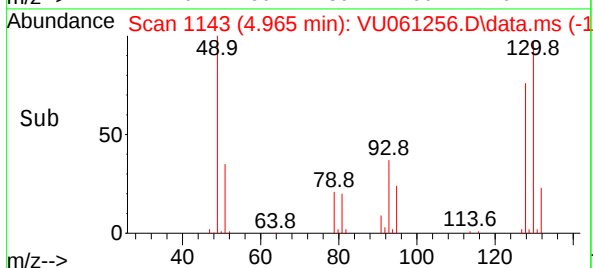
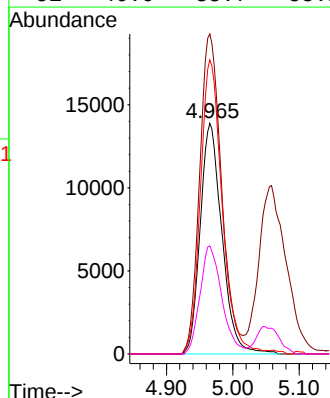
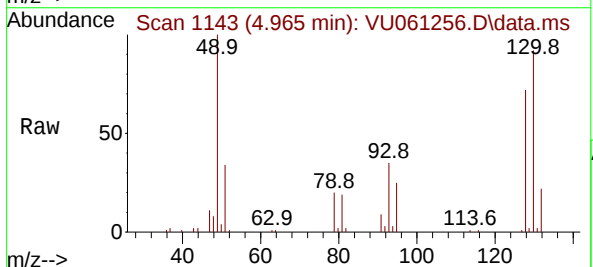
Instrument :
MSVOA_U
ClientSampleId :

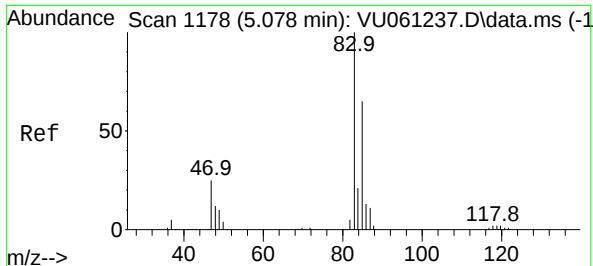
Tgt Ion: 96 Resp: 72024
Ion Ratio Lower Upper
96 100
61 122.8 88.1 163.5
98 65.0 45.0 83.6



#23
Bromochloromethane
Concen: 5.347 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion:128 Resp: 31523
Ion Ratio Lower Upper
128 100
49 138.7 105.1 195.1
130 127.5 89.6 166.4
51 46.9 38.7 58.1





#25

Chloroform

Concen: 5.120 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

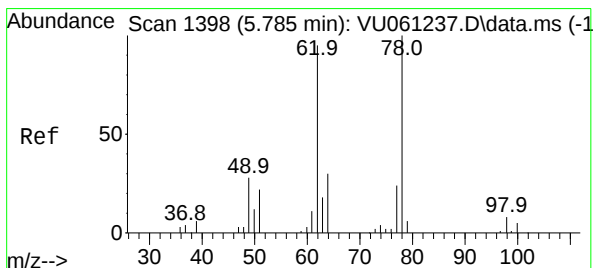
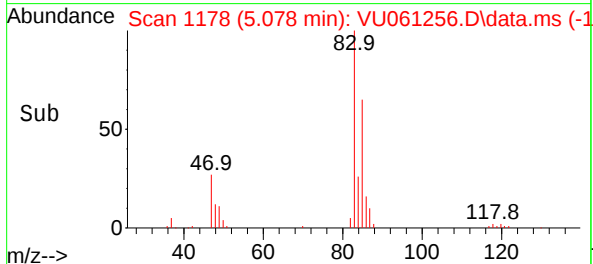
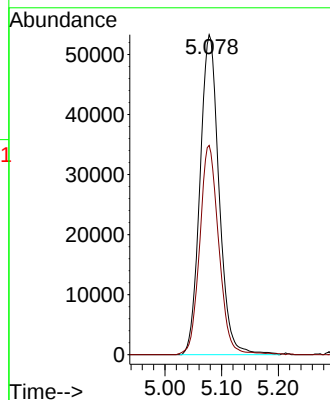
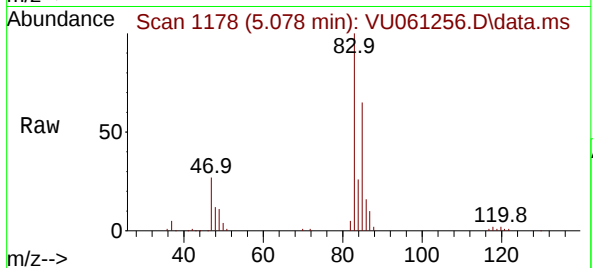
ClientSampleId :

Tgt Ion: 83 Resp: 124540

Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.984 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061256.D

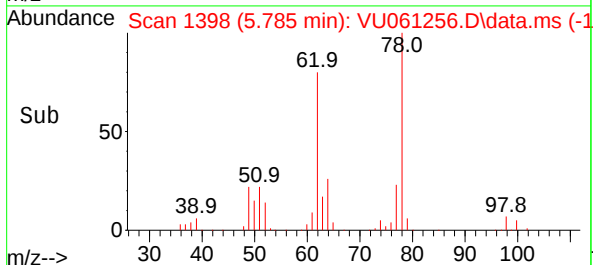
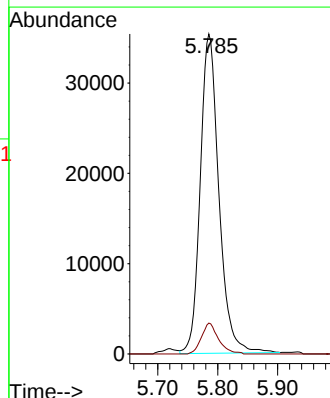
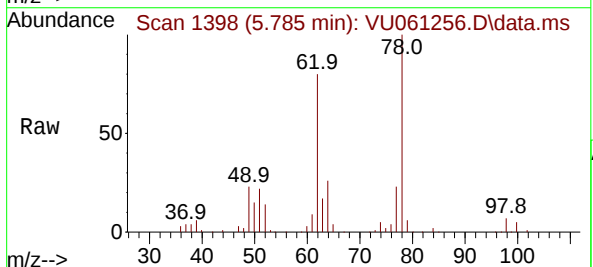
Acq: 26 Oct 2024 04:02

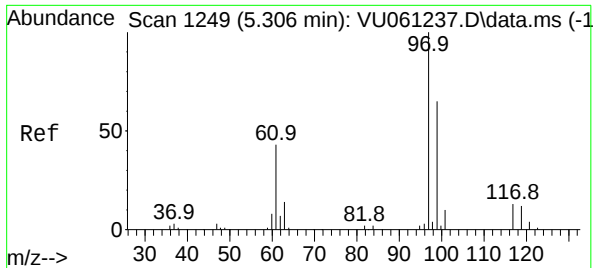
Tgt Ion: 62 Resp: 76608

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0

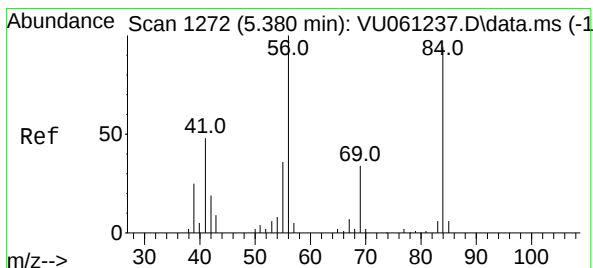
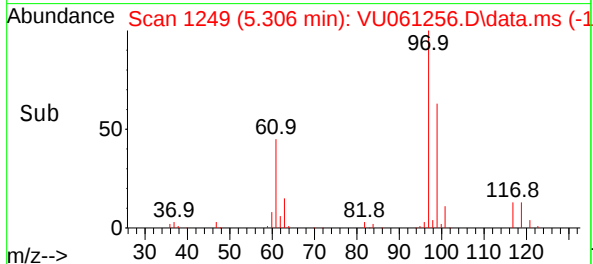
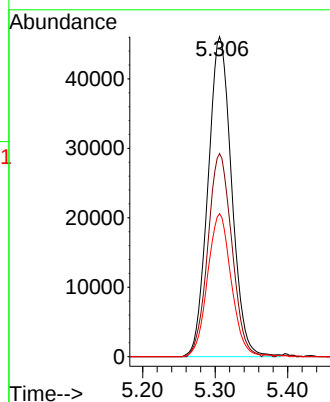
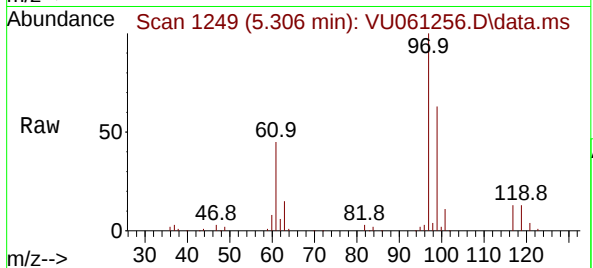




#29
1,1,1-Trichloroethane
Concen: 4.994 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

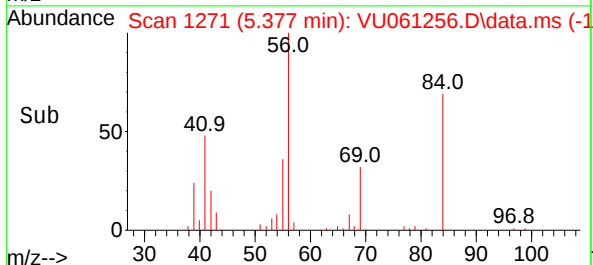
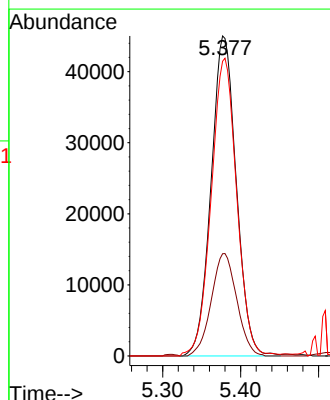
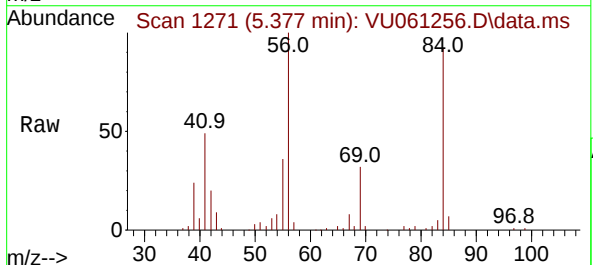
Instrument :
MSVOA_U
ClientSampleId :

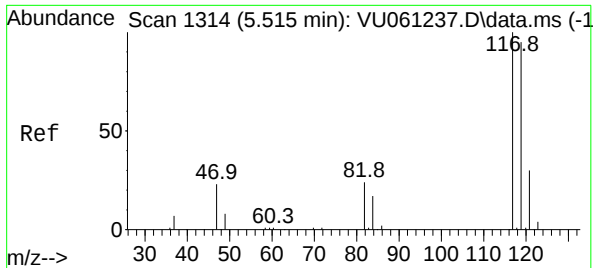
Tgt Ion: 97 Resp: 104387
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 45.1 36.1 54.1



#30
Cyclohexane
Concen: 4.814 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 56 Resp: 100909
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.6
84 94.3 73.9 110.9

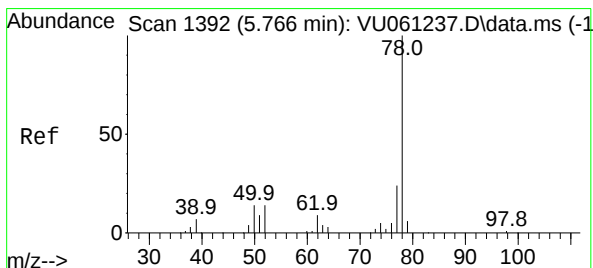
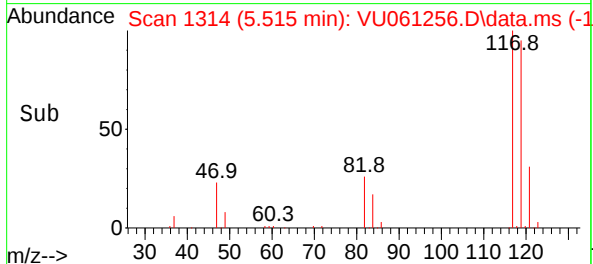
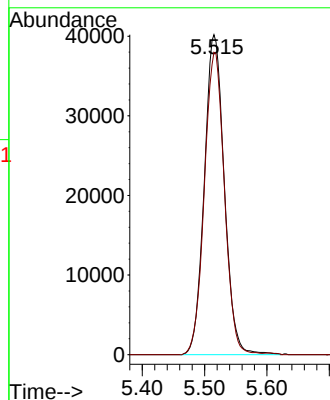
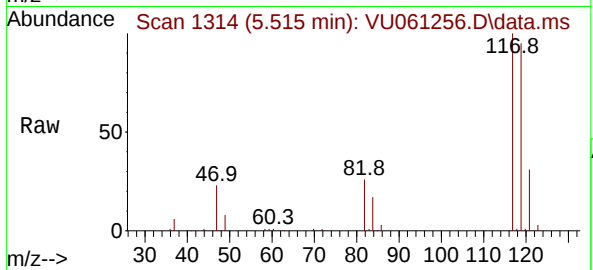




#31
Carbon tetrachloride
Concen: 5.009 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

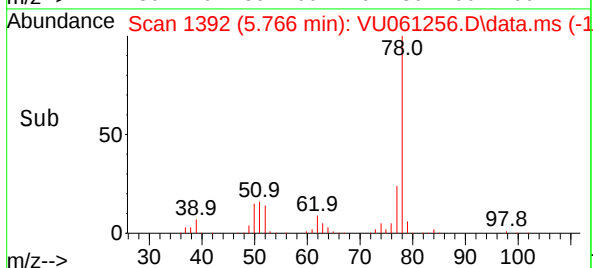
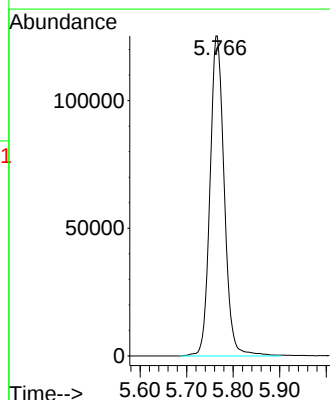
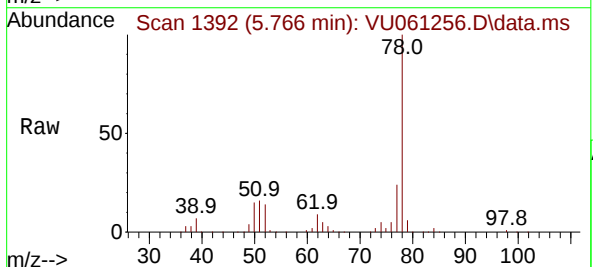
Instrument :
MSVOA_U
ClientSampleId :

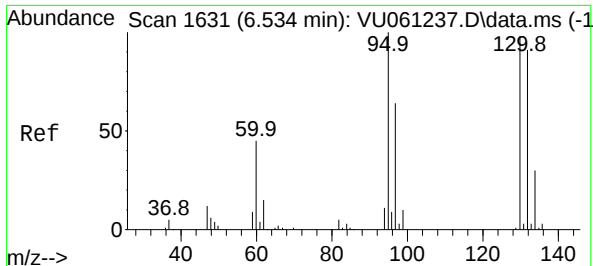
Tgt Ion:117 Resp: 89576
Ion Ratio Lower Upper
117 100
119 94.9 75.5 113.3



#33
Benzene
Concen: 5.062 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 78 Resp: 267175





#34

Trichloroethene

Concen: 4.822 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 69240

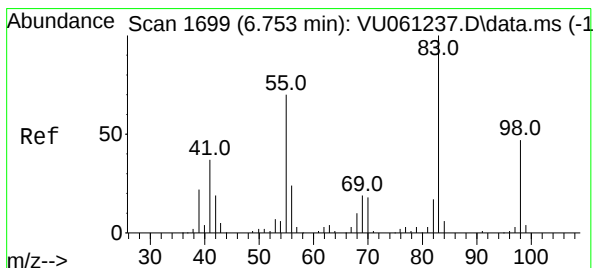
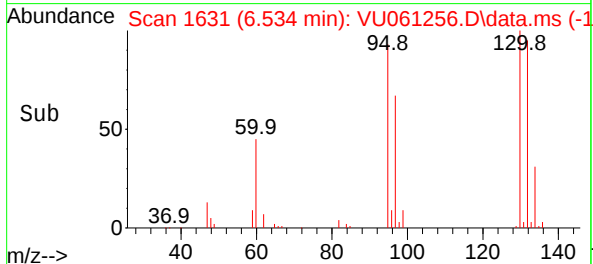
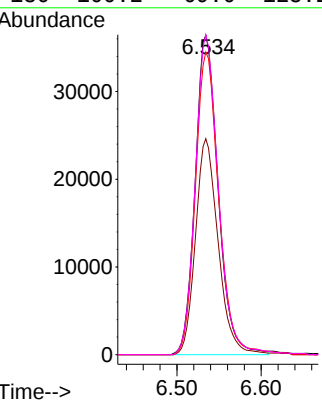
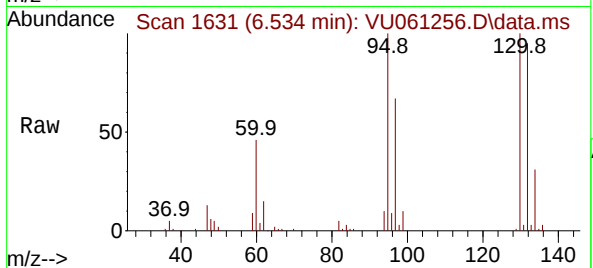
Ion Ratio Lower Upper

95 100

97 67.6 46.1 85.7

132 94.8 66.1 122.7

130 100.2 69.0 128.2



#35

Methylcyclohexane

Concen: 4.717 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

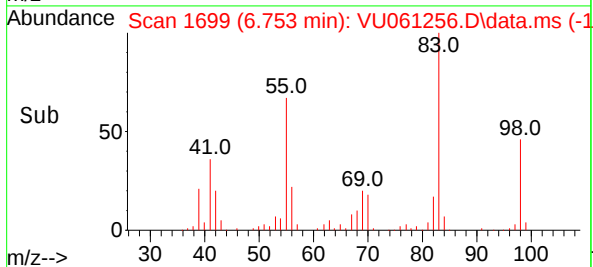
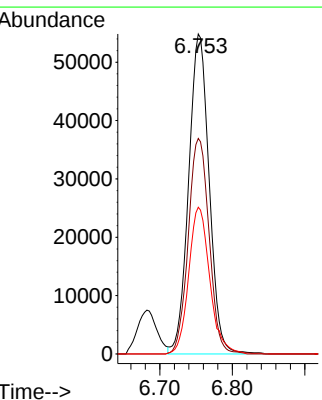
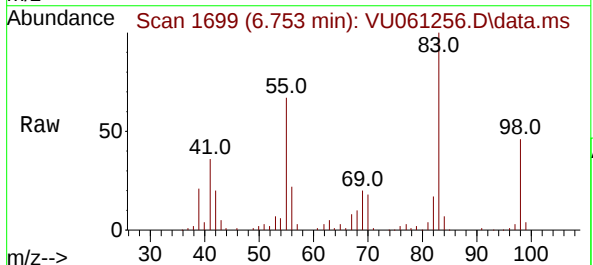
Tgt Ion: 83 Resp: 107793

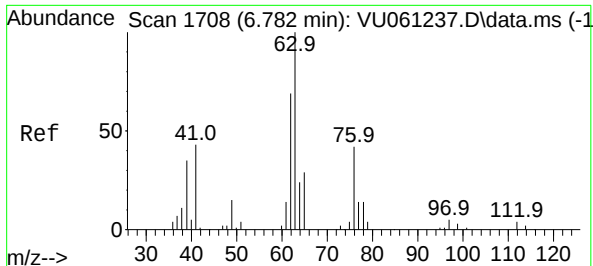
Ion Ratio Lower Upper

83 100

55 68.2 55.9 83.9

98 47.0 35.9 53.9

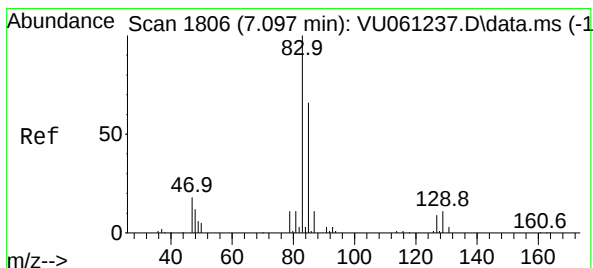
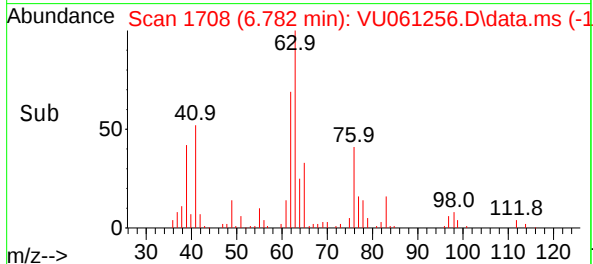
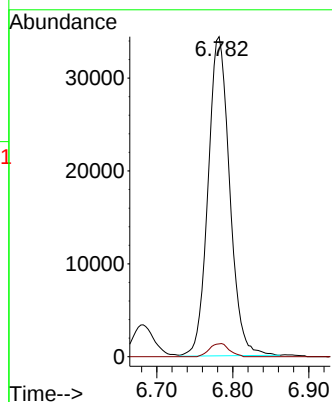
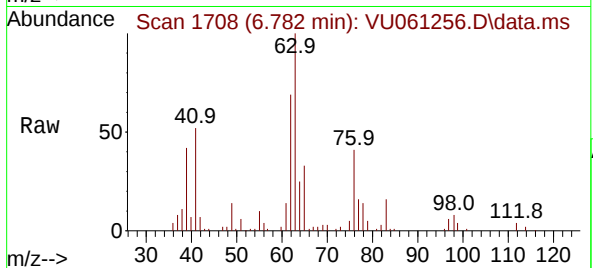




#37
1,2-Dichloropropane
Concen: 5.069 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

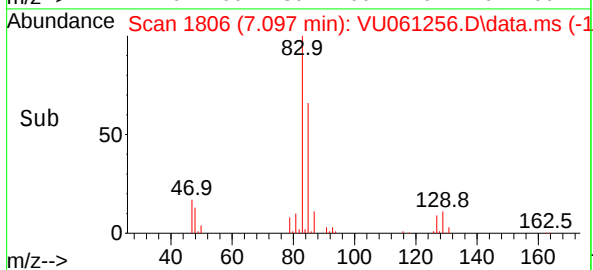
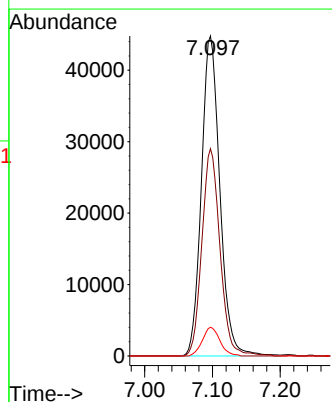
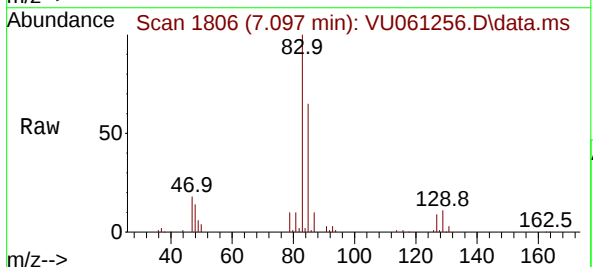
Instrument :
MSVOA_U
ClientSampleId :

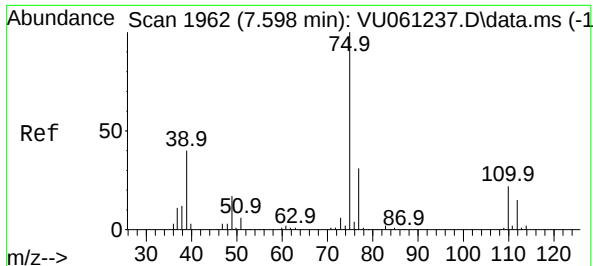
Tgt Ion: 63 Resp: 67826
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.003 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 83 Resp: 84721
Ion Ratio Lower Upper
83 100
85 64.7 43.8 81.4
127 9.0 7.4 11.0

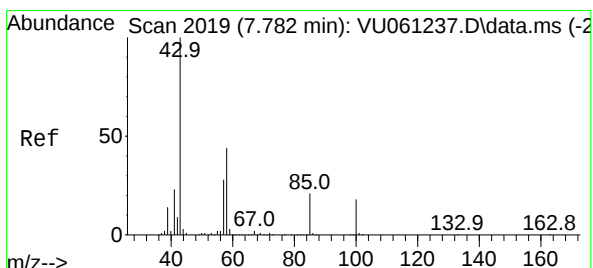
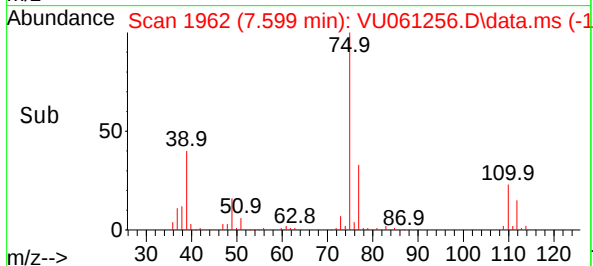
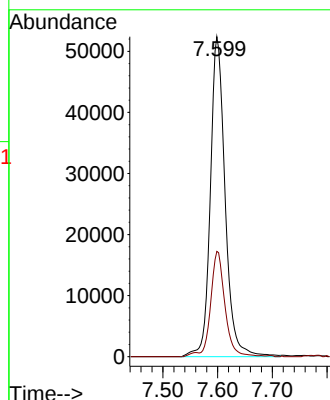
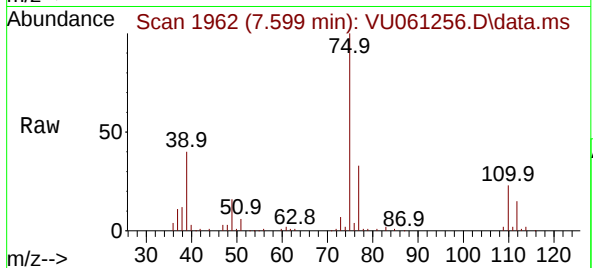




#39
 cis-1,3-Dichloropropene
 Concen: 4.769 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

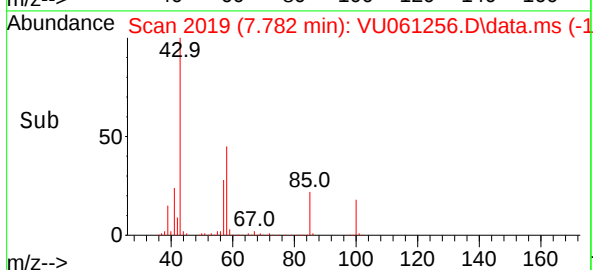
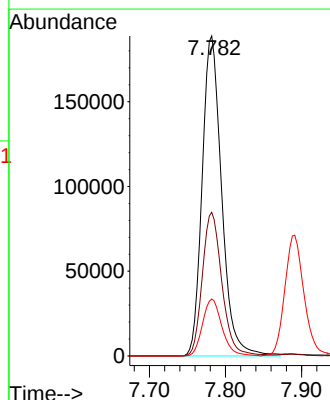
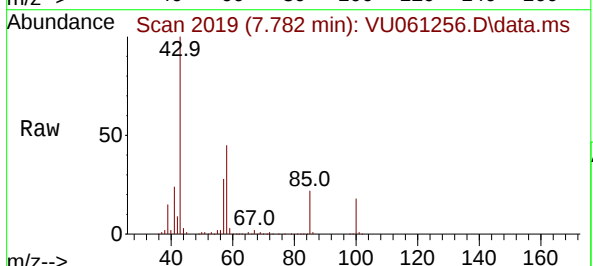
Instrument :
 MSVOA_U
 ClientSampleId :

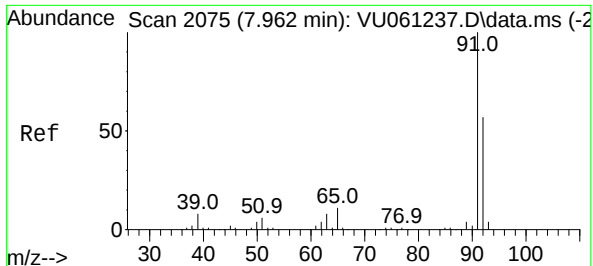
Tgt Ion: 75 Resp: 98542
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.578 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061256.D
 Acq: 26 Oct 2024 04:02

Tgt Ion: 43 Resp: 336797
 Ion Ratio Lower Upper
 43 100
 58 45.1 35.1 52.7
 100 17.7 14.0 21.0





#42

Toluene

Concen: 5.018 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

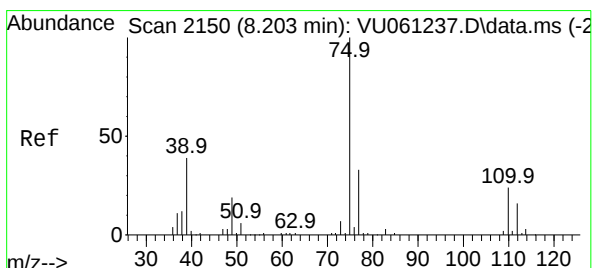
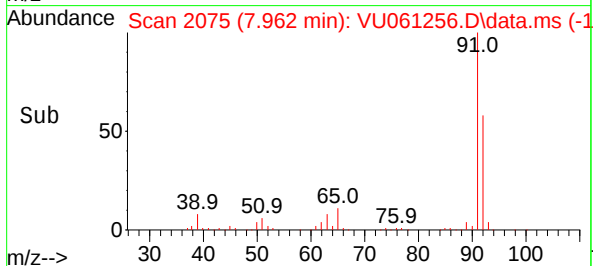
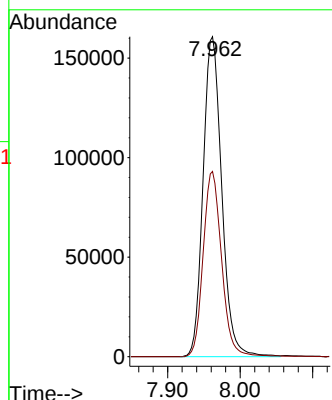
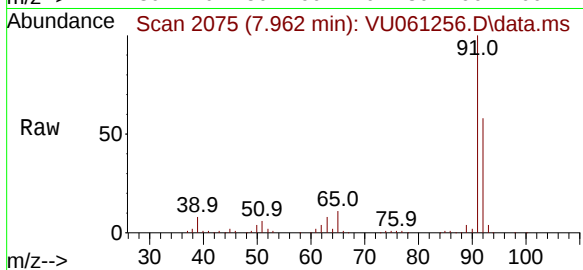
ClientSampleId :

Tgt Ion: 91 Resp: 287616

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.636 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061256.D

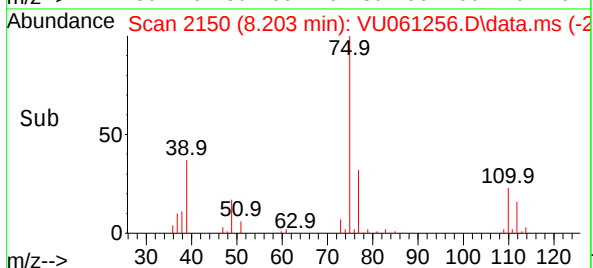
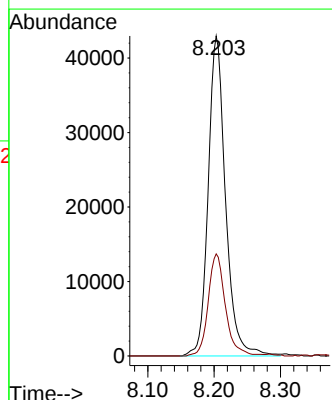
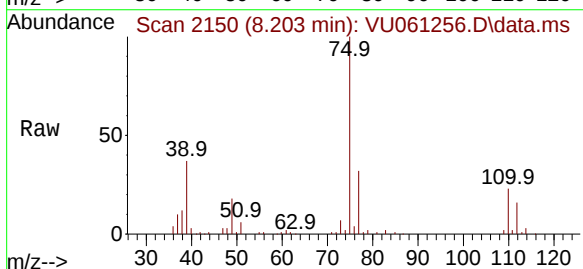
Acq: 26 Oct 2024 04:02

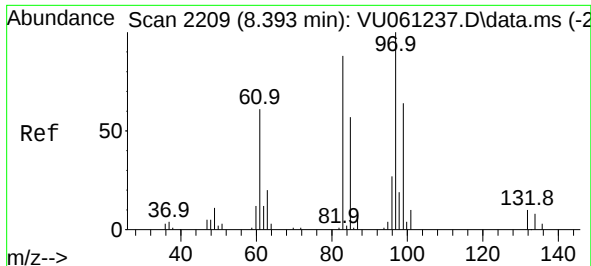
Tgt Ion: 75 Resp: 78052

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



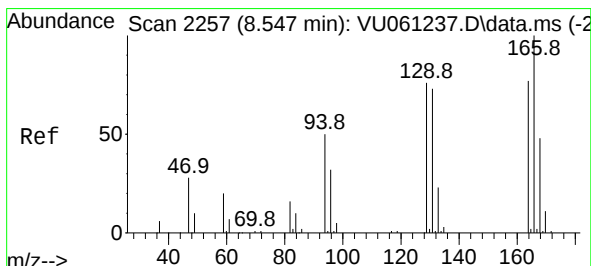
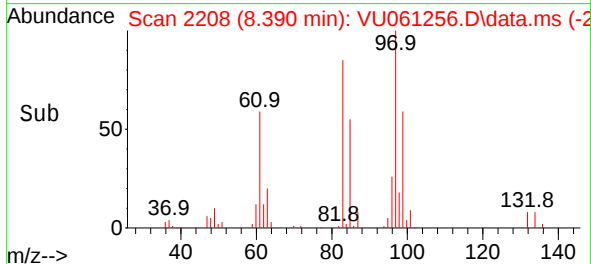
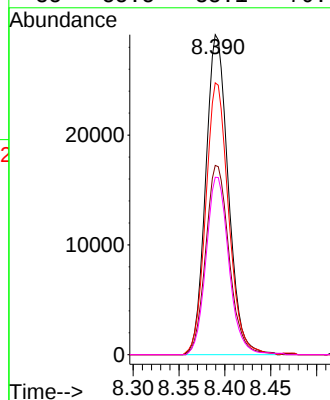
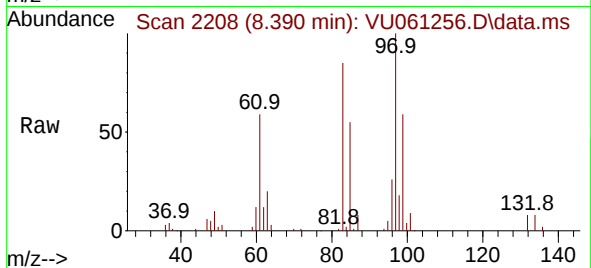


#45
1,1,2-Trichloroethane
Concen: 5.192 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 49990

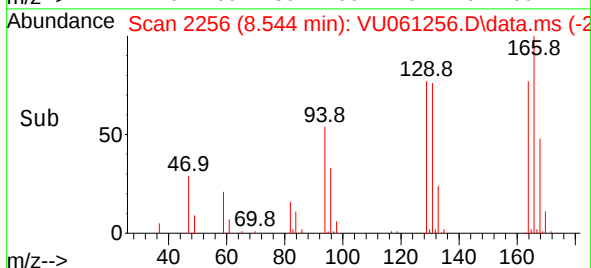
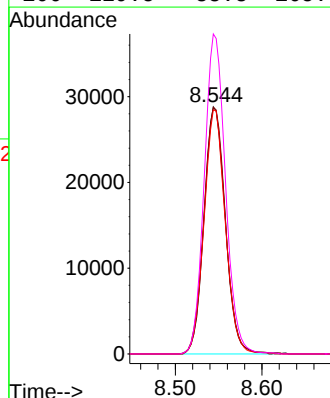
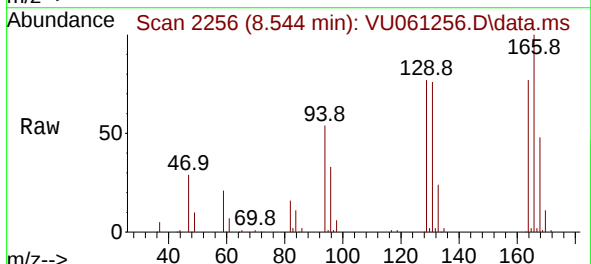
Ion	Ratio	Lower	Upper
97	100		
99	59.1	44.1	81.9
83	85.0	61.2	113.6
85	55.5	38.1	70.7

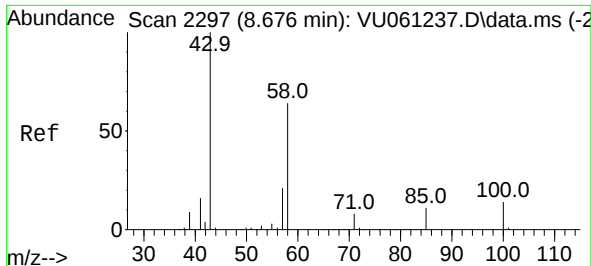


#47
Tetrachloroethene
Concen: 4.913 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 164 Resp: 49267

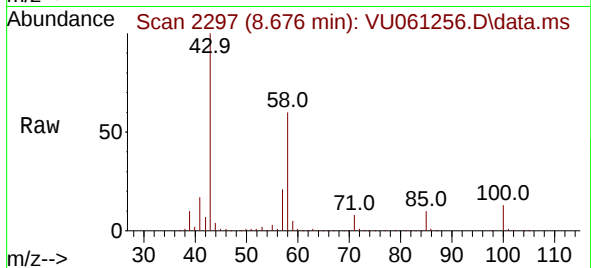
Ion	Ratio	Lower	Upper
164	100		
129	99.9	69.9	129.7
131	98.8	68.3	126.8
166	129.5	88.8	165.0



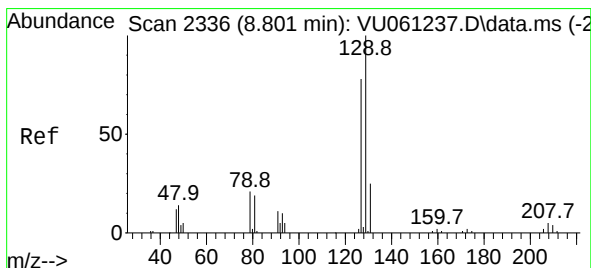
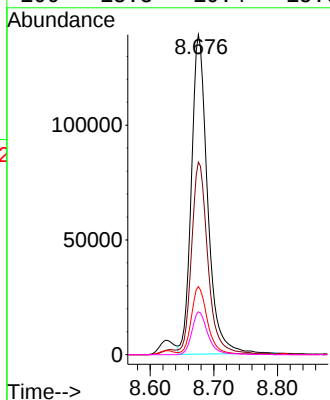
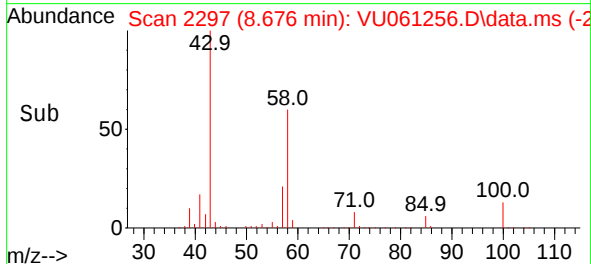


#48
2-Hexanone
Concen: 52.301 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Instrument :
MSVOA_U
ClientSampleId :

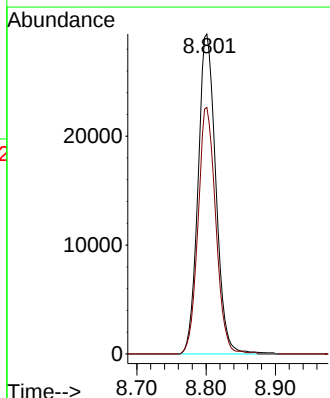
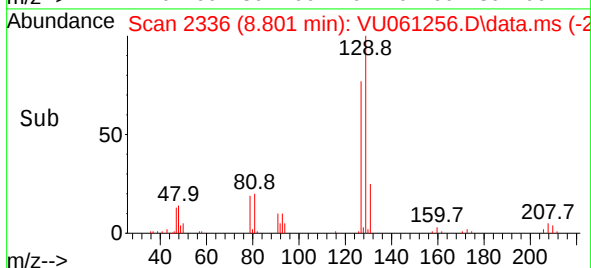
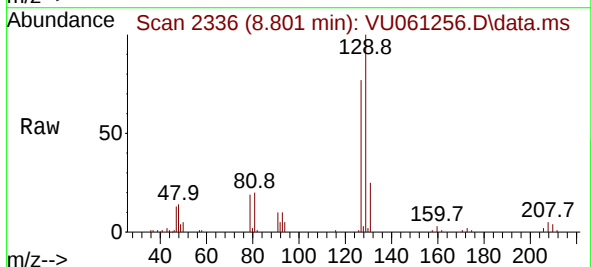


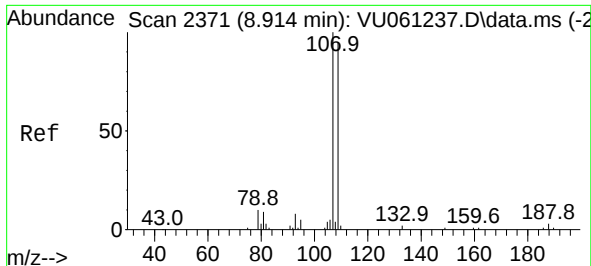
Tgt Ion:	43	Resp:	246279
Ion	Ratio	Lower	Upper
43	100		
58	60.2	48.6	72.8
57	21.3	17.0	25.6
100	13.3	10.4	15.6



#49
Dibromochloromethane
Concen: 4.805 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion:	129	Resp:	52475
Ion	Ratio	Lower	Upper
129	100		
127	77.1	51.8	96.2

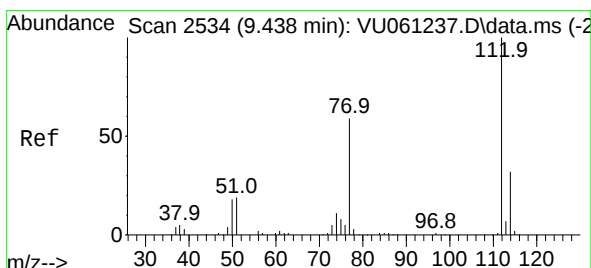
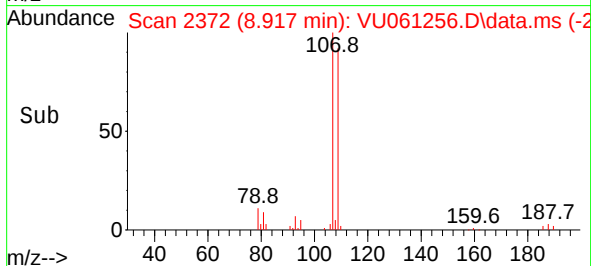
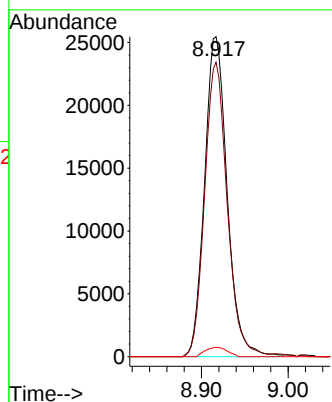
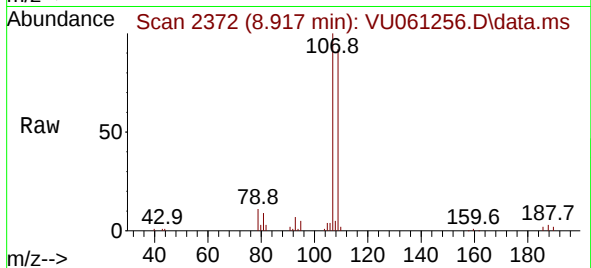




#50
1,2-Dibromoethane
Concen: 4.941 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

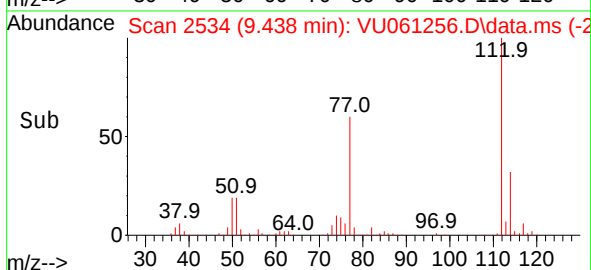
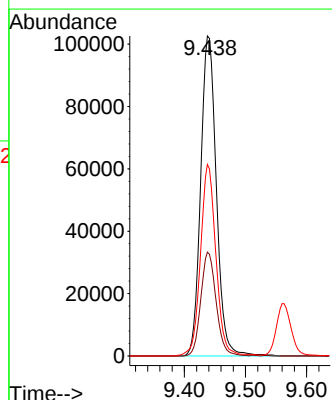
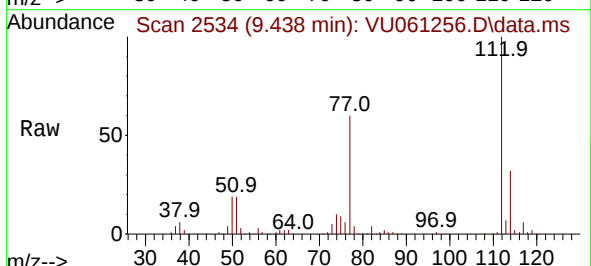
Instrument :
MSVOA_U
ClientSampleId :

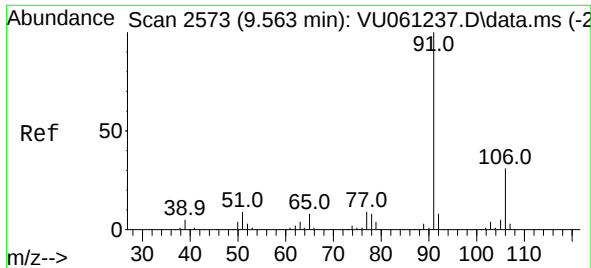
Tgt Ion:107 Resp: 46218
Ion Ratio Lower Upper
107 100
109 92.0 63.4 117.8
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 5.052 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion:112 Resp: 183049
Ion Ratio Lower Upper
112 100
114 32.5 22.9 42.5
77 59.9 47.1 70.7

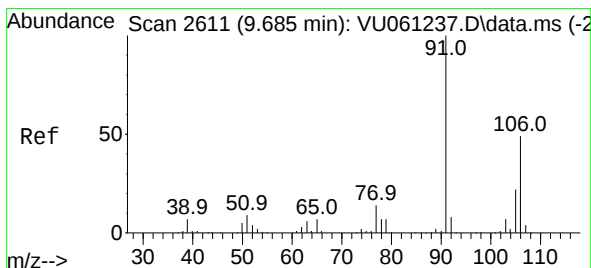
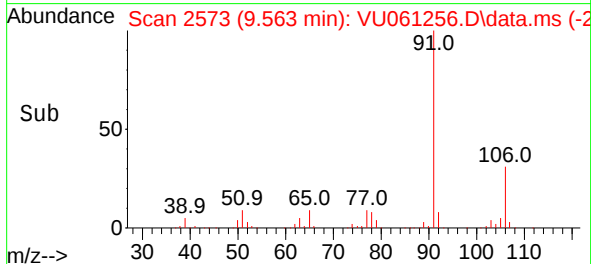
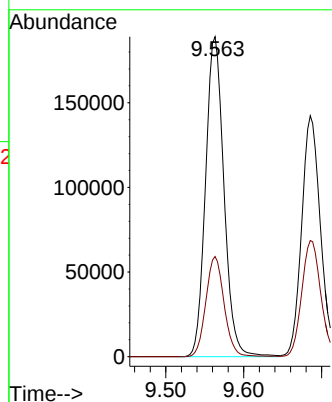
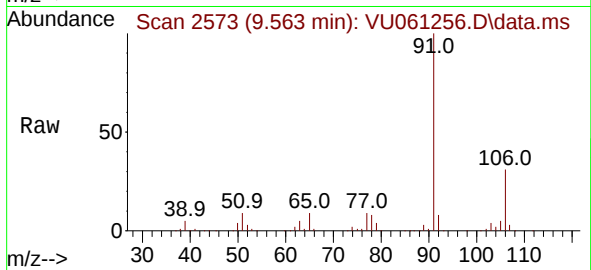




#52
Ethylbenzene
Concen: 4.919 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

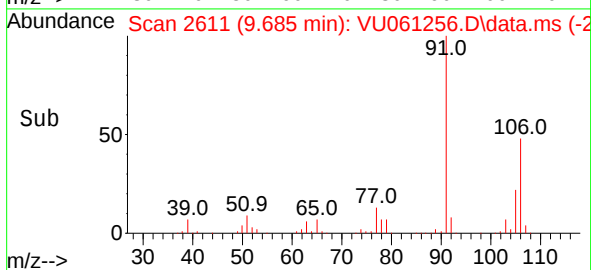
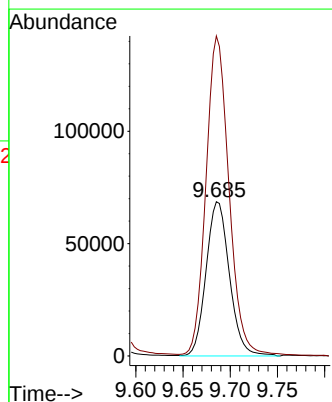
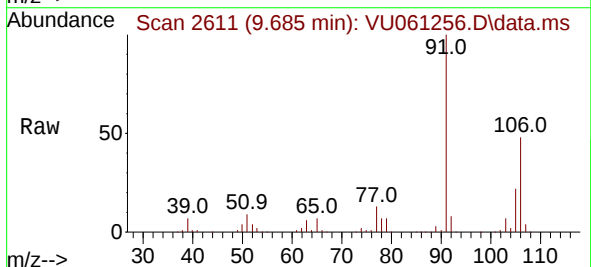
Instrument :
MSVOA_U
ClientSampleId :

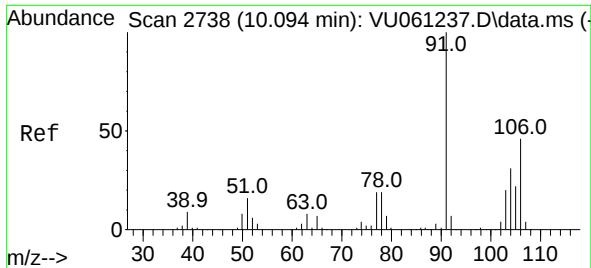
Tgt Ion: 91 Resp: 310146
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-Xylene
Concen: 4.912 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 106 Resp: 117994
Ion Ratio Lower Upper
106 100
91 207.4 145.7 270.7

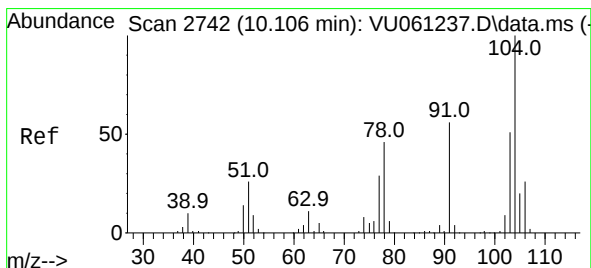
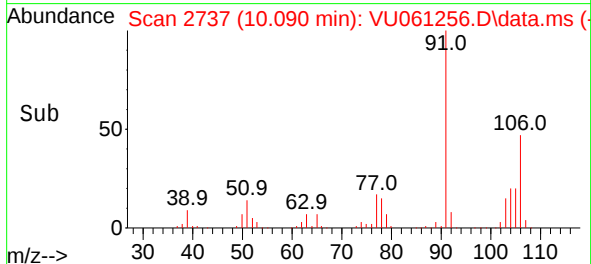
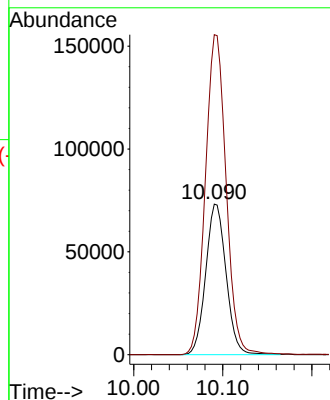
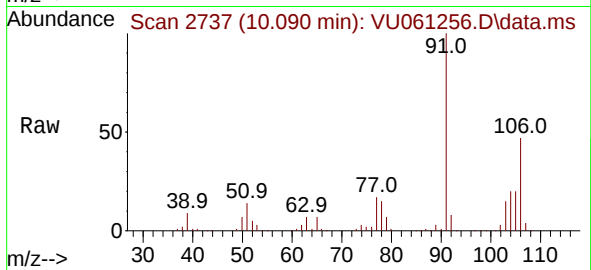




#54
o-Xylene
Concen: 4.902 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

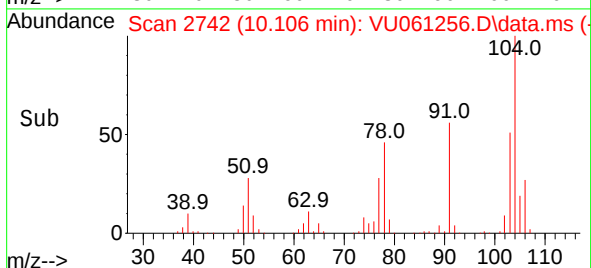
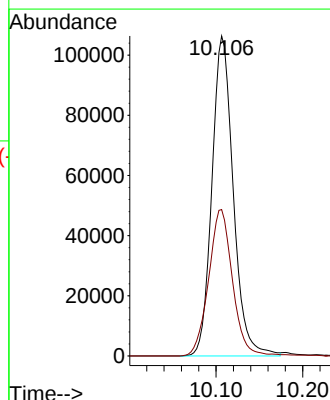
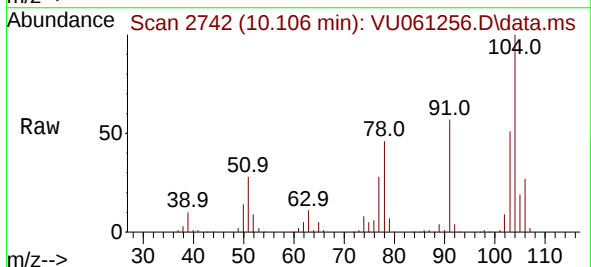
Instrument :
MSVOA_U
ClientSampleId :

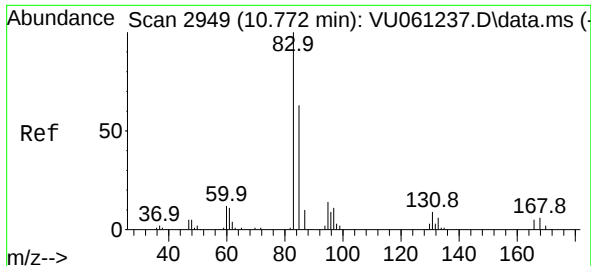
Tgt Ion:106 Resp: 116200
Ion Ratio Lower Upper
106 100
91 212.5 148.8 276.4



#55
Styrene
Concen: 4.791 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion:104 Resp: 182080
Ion Ratio Lower Upper
104 100
78 45.7 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.110 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

ClientSampleId :

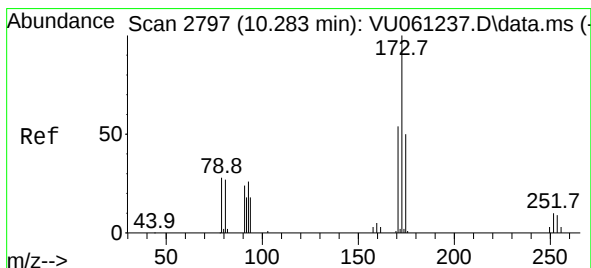
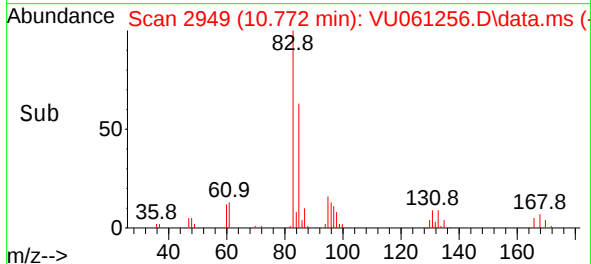
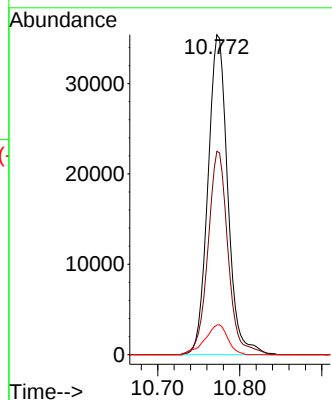
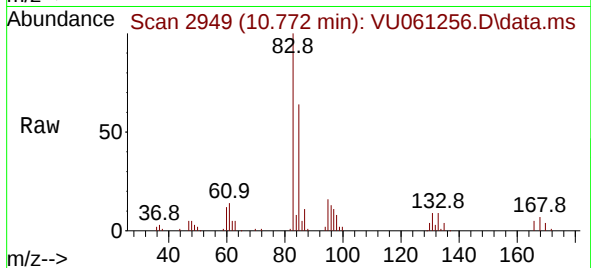
Tgt Ion: 83 Resp: 59288

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

131 9.3 7.6 11.4



#59

Bromoform

Concen: 4.766 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

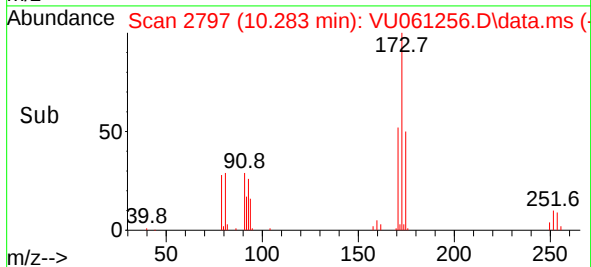
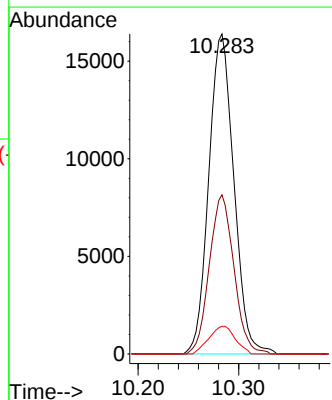
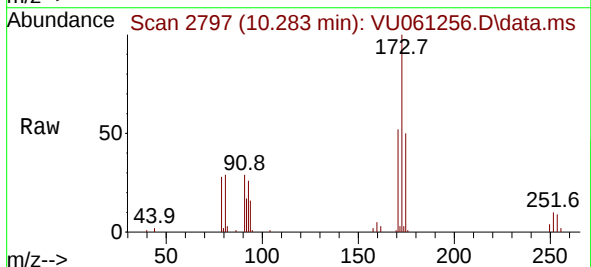
Tgt Ion:173 Resp: 28376

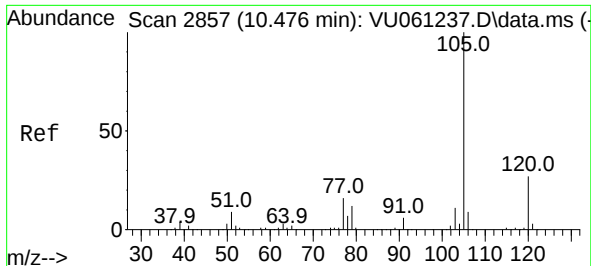
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 9.0 6.8 10.2

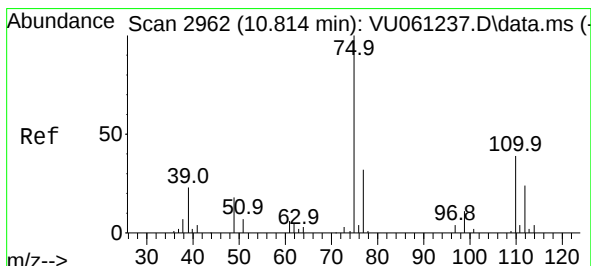
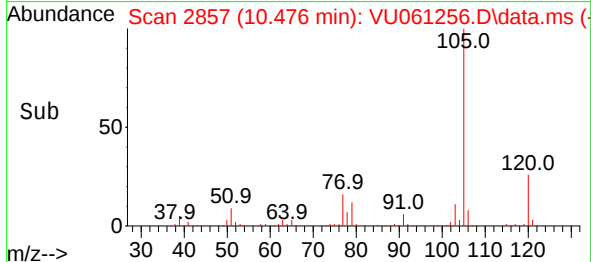
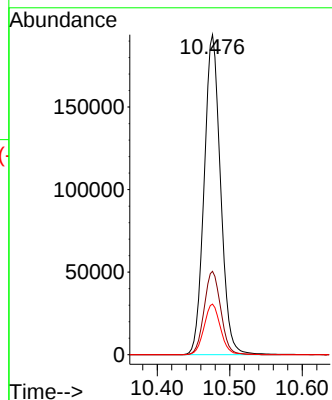
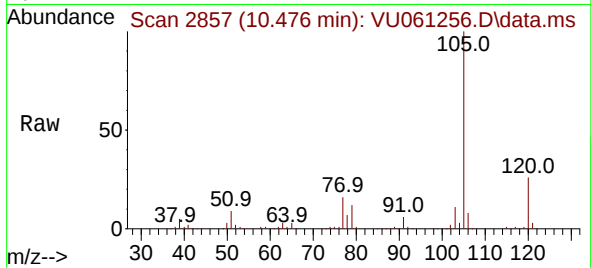




#60
Isopropylbenzene
Concen: 4.950 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

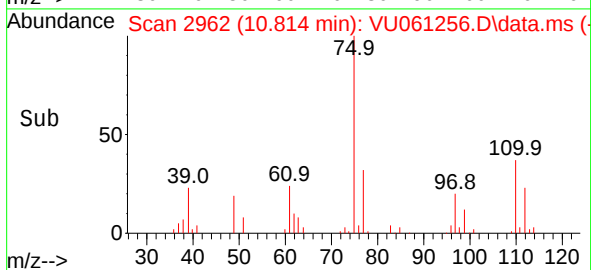
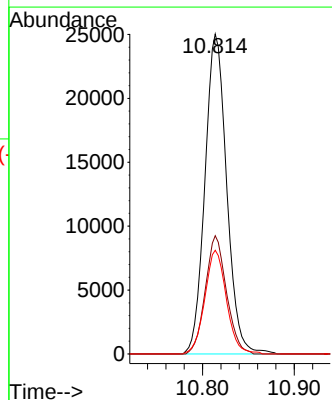
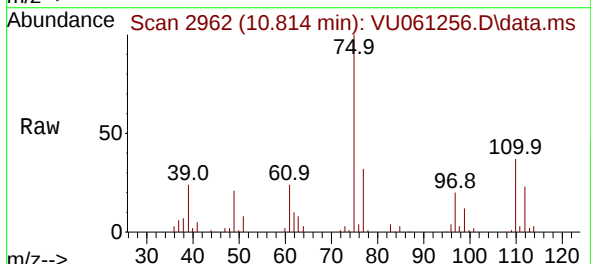
Instrument :
MSVOA_U
ClientSampleId :

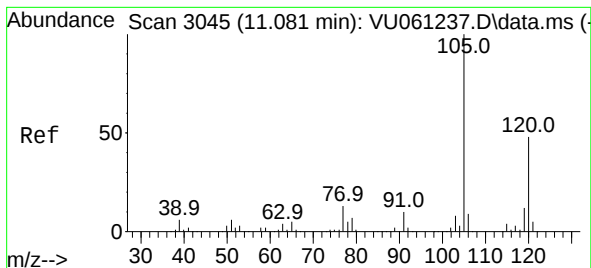
Tgt Ion:105 Resp: 304099
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.149 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion: 75 Resp: 41251
Ion Ratio Lower Upper
75 100
110 35.9 28.8 43.2
77 32.2 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.896 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

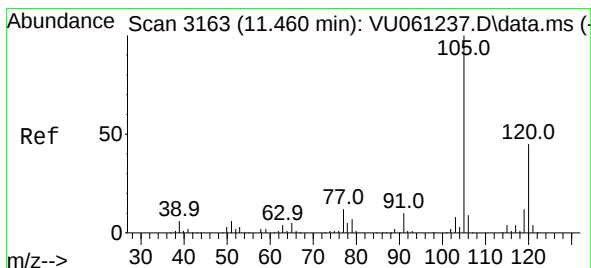
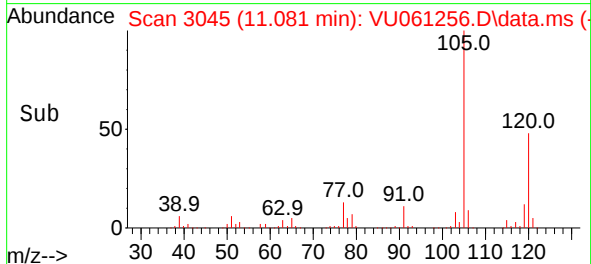
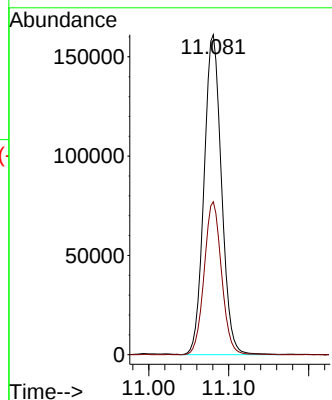
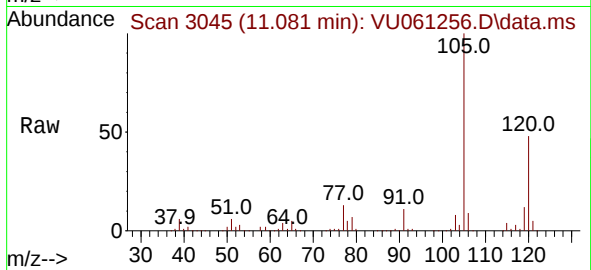
ClientSampleId :

Tgt Ion:105 Resp: 244902

Ion Ratio Lower Upper

105 100

120 47.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.870 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061256.D

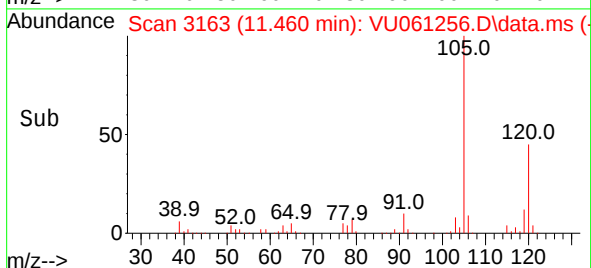
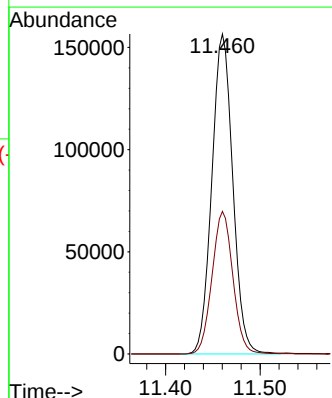
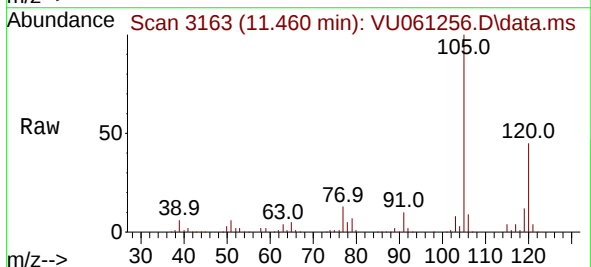
Acq: 26 Oct 2024 04:02

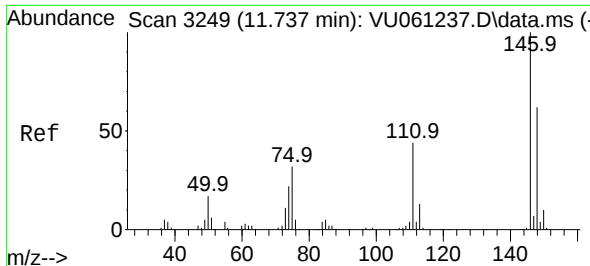
Tgt Ion:105 Resp: 240761

Ion Ratio Lower Upper

105 100

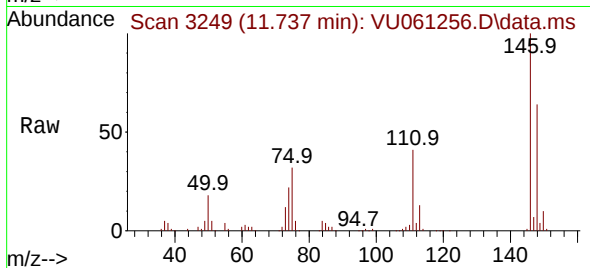
120 44.4 35.4 53.0



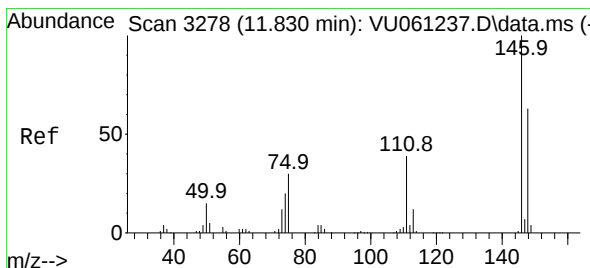
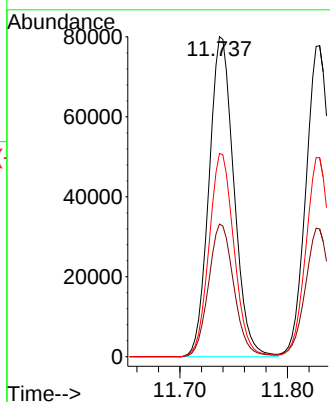
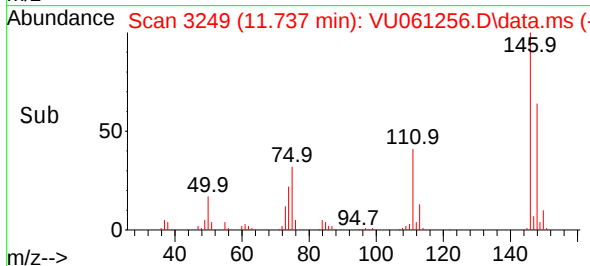


#64
1,3-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

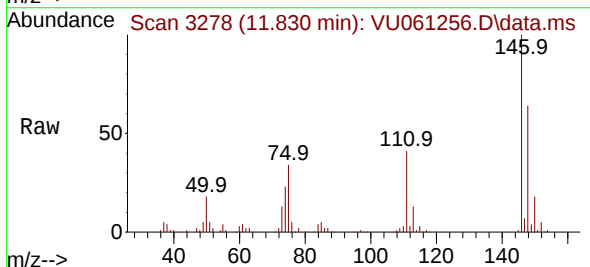
Instrument :
MSVOA_U
ClientSampleId :



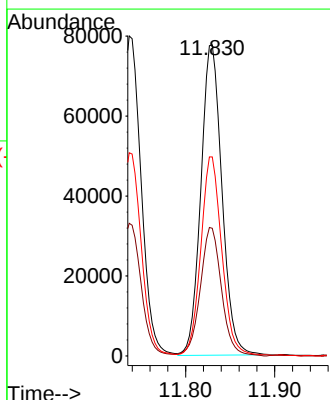
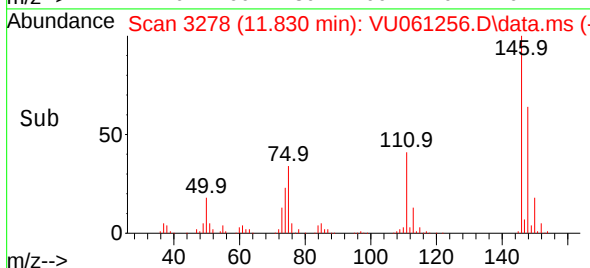
Tgt Ion:146 Resp: 128817
Ion Ratio Lower Upper
146 100
111 41.5 30.0 55.8
148 63.5 45.1 83.7

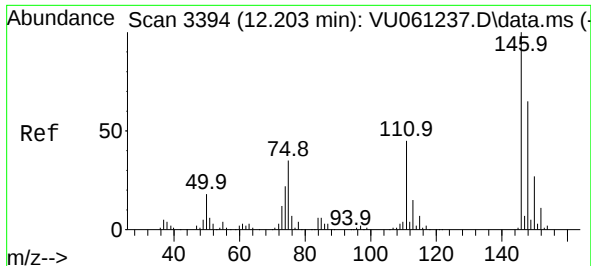


#65
1,4-Dichlorobenzene
Concen: 4.846 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02



Tgt Ion:146 Resp: 127745
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 64.0 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.960 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

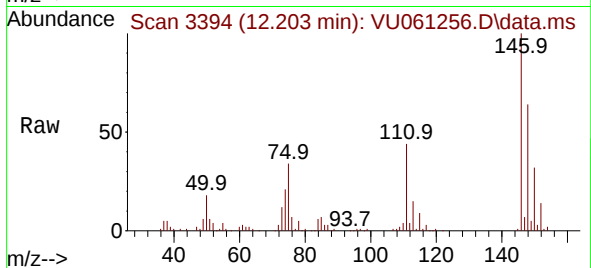
Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

ClientSampleId :



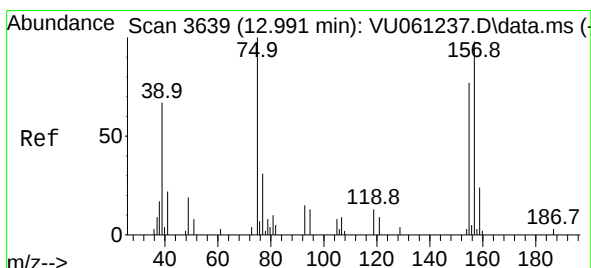
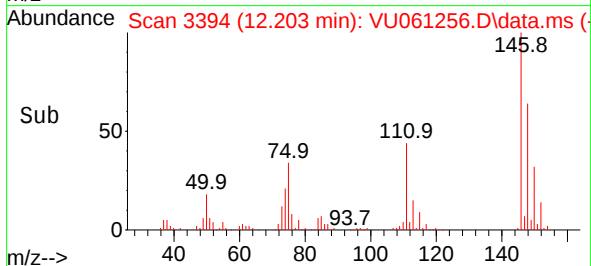
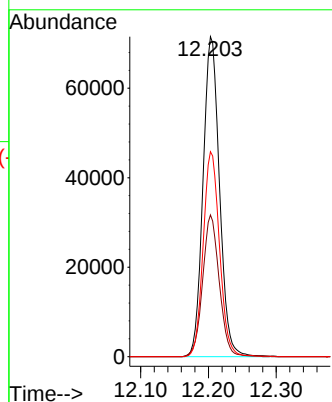
Tgt Ion:146 Resp: 120717

Ion Ratio Lower Upper

146 100

111 44.3 35.2 52.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.747 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

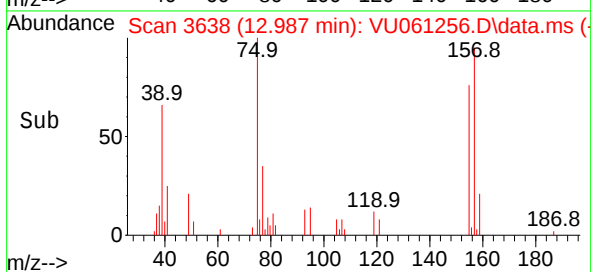
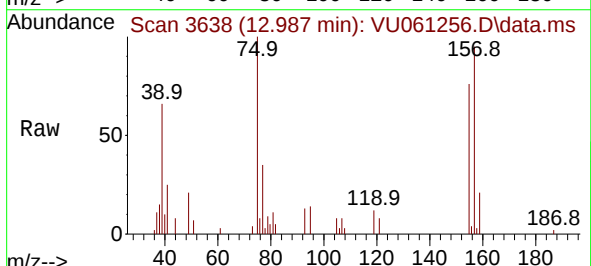
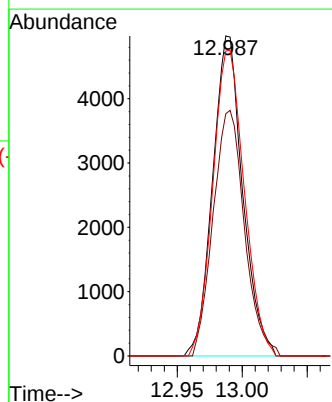
Tgt Ion: 75 Resp: 7985

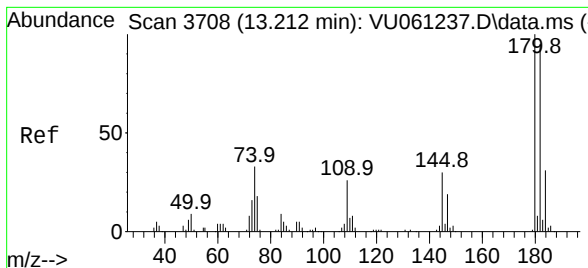
Ion Ratio Lower Upper

75 100

155 75.7 69.3 103.9

157 95.3 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 4.841 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

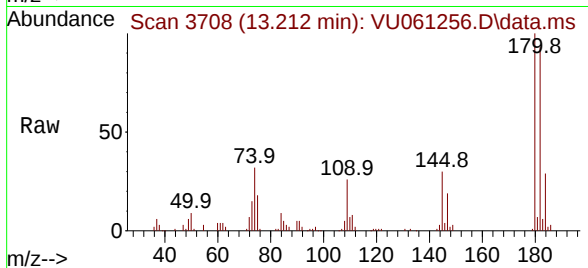
Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 85817

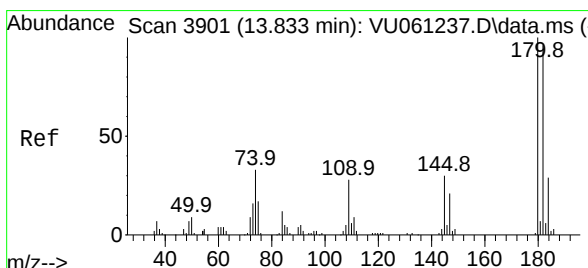
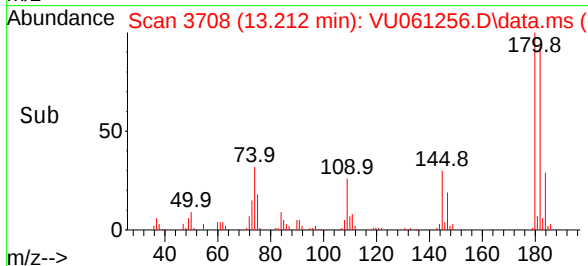
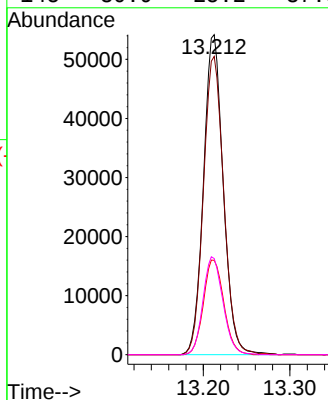
Ion Ratio Lower Upper

180 100

182 95.7 77.4 116.2

184 30.5 24.4 36.6

145 30.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.845 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061256.D

Acq: 26 Oct 2024 04:02

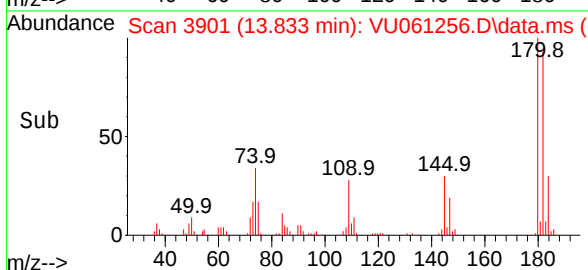
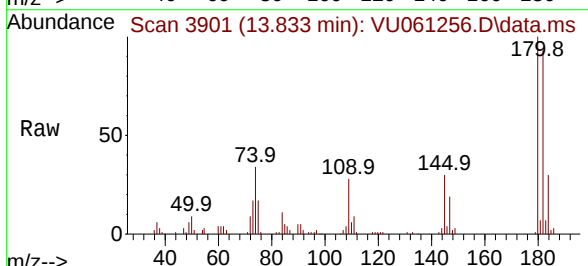
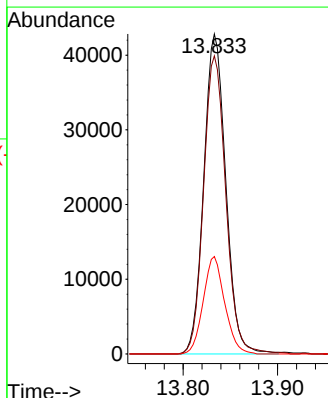
Tgt Ion:180 Resp: 69299

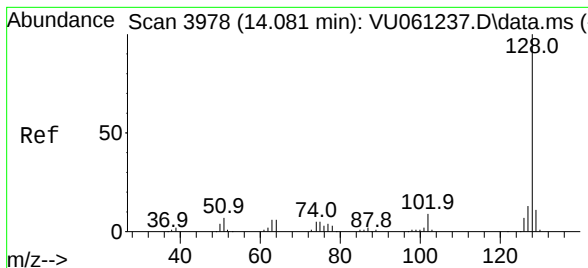
Ion Ratio Lower Upper

180 100

182 94.2 77.2 115.8

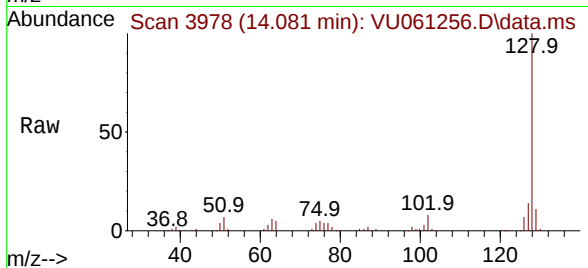
145 29.7 25.6 38.4



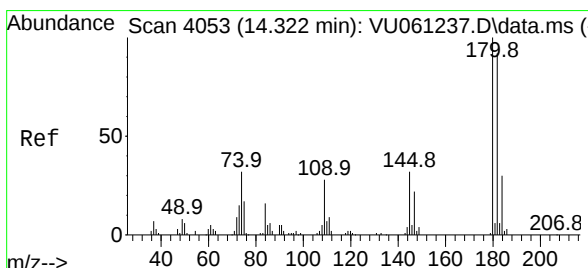
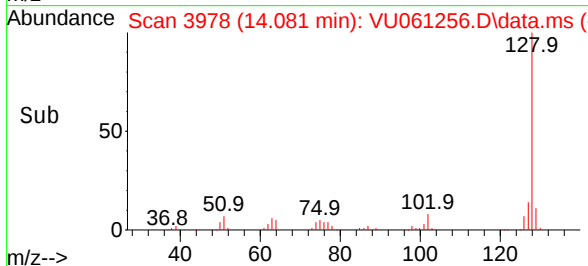
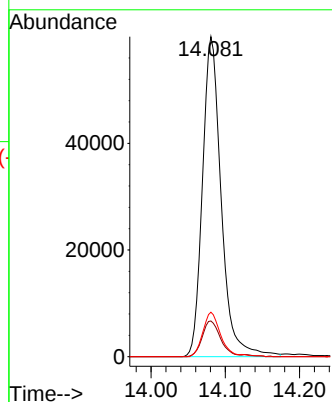


#71
Naphthalene
Concen: 4.664 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 105278
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.894 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061256.D
Acq: 26 Oct 2024 04:02

Tgt Ion:180 Resp: 58566
Ion Ratio Lower Upper
180 100
182 96.6 76.0 114.0
145 33.4 26.5 39.7

