

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061237.D
 Acq On : 25 Oct 2024 19:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 00:36:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	165490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49646	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.911	69	43909	3.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.560	65	22083	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.628	46	131919	51.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.055	84	112631	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.692	65	56709	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.717	84	217468	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	66465	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	197206	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	26549	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.624	63	118992	50.768	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54635	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	66391	4.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59522	4.840	ug/L	99
3) Chloromethane	1.515	50	59900	4.618	ug/L	100
5) Vinyl chloride	1.599	62	68219	4.784	ug/L	100
6) Bromomethane	1.853	94	45768	4.844	ug/L	99
8) Chloroethane	1.930	64	46270	4.407	ug/L	99
9) Trichlorofluoromethane	2.132	101	96244	4.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54676	4.754	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52567	4.820	ug/L	95
13) Acetone	2.650	43	80125	49.720	ug/L	97
14) Carbon disulfide	2.788	76	167878	4.613	ug/L	99
15) Methyl Acetate	2.956	43	21424	5.369	ug/L	99
16) Methylene chloride	3.039	84	65325	5.083	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	156504	5.294	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	60232	4.994	ug/L	94
19) 1,1-Dichloroethane	3.859	63	113201	4.977	ug/L	99
21) 2-Butanone	4.708	43	136980	53.617	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	70875	5.145	ug/L	99
23) Bromochloromethane	4.968	128	31590	5.450	ug/L	95
25) Chloroform	5.078	83	119246	4.986	ug/L	100

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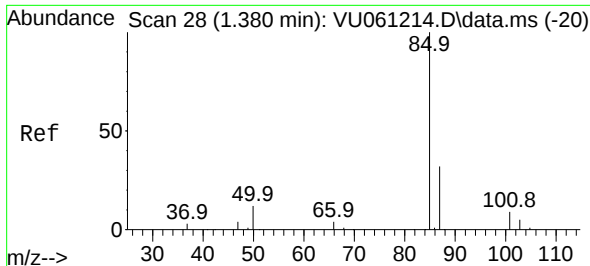
Quant Time: Oct 26 00:36:07 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75895	5.021	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102394	5.053	ug/L	99
30) Cyclohexane	5.380	56	97885	4.816	ug/L	99
31) Carbon tetrachloride	5.515	117	87566	5.050	ug/L	100
33) Benzene	5.766	78	262296	5.125	ug/L	100
34) Trichloroethene	6.534	95	69855	5.017	ug/L	98
35) Methylcyclohexane	6.753	83	105167	4.746	ug/L	98
37) 1,2-Dichloropropane	6.782	63	68173	5.255	ug/L	100
38) Bromodichloromethane	7.097	83	84060	5.120	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	102543	5.118	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	346772	53.708	ug/L	99
42) Toluene	7.962	91	279965	5.037	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	84404	5.170	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	49676	5.321	ug/L	99
47) Tetrachloroethene	8.547	164	48976	5.037	ug/L	98
48) 2-Hexanone	8.676	43	246312	53.948	ug/L	98
49) Dibromochloromethane	8.801	129	54408	5.138	ug/L	95
50) 1,2-Dibromoethane	8.914	107	47499	5.237	ug/L #	95
51) Chlorobenzene	9.438	112	175544	4.997	ug/L	99
52) Ethylbenzene	9.563	91	304392	4.979	ug/L	99
53) m,p-Xylene	9.685	106	115812	4.972	ug/L	97
54) o-Xylene	10.094	106	114327	4.974	ug/L	98
55) Styrene	10.106	104	186234	5.054	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	59816	5.317	ug/L	99
59) Bromoform	10.283	173	29663	4.974	ug/L	100
60) Isopropylbenzene	10.476	105	294567	4.786	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41759	5.203	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	243132	4.853	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	240648	4.859	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	130022	5.020	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	127676	4.835	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120320	4.935	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8297	4.924	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	89632	5.048	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75383	5.261	ug/L	97
71) Naphthalene	14.081	128	123285	5.453	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	64726	5.399	ug/L	98

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

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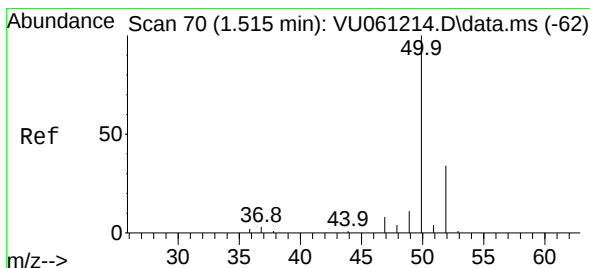
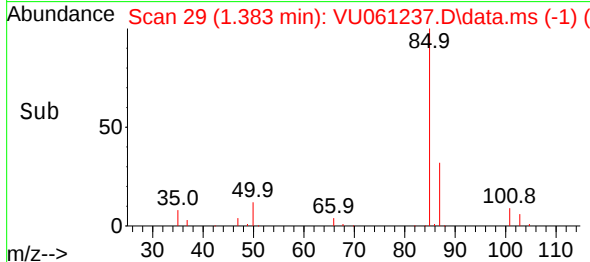
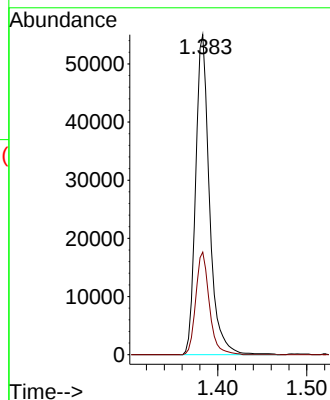
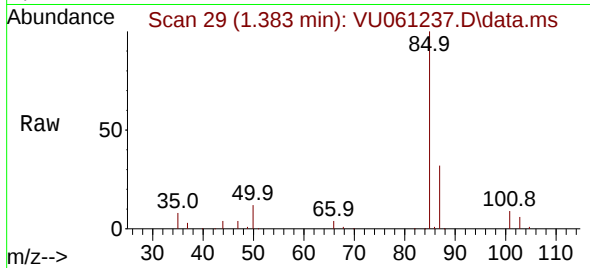




#2
Dichlorodifluoromethane
Concen: 4.840 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

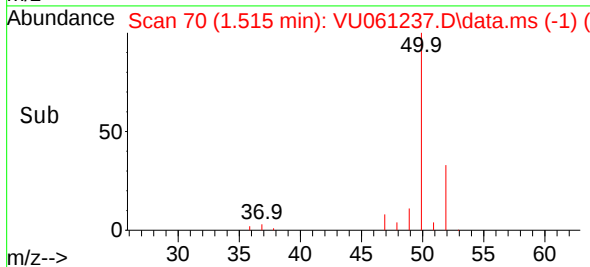
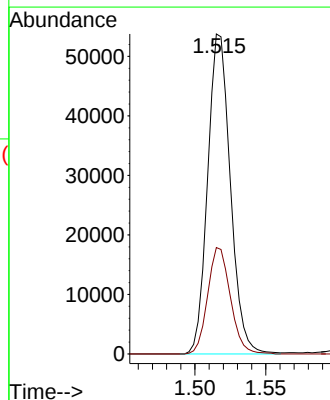
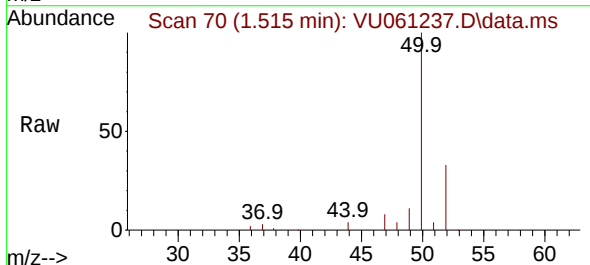
Instrument :
MSVOA_U
ClientSampleId :

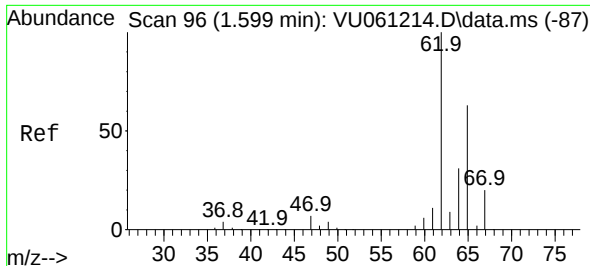
Tgt Ion: 85 Resp: 59522
Ion Ratio Lower Upper
85 100
87 31.4 25.7 38.5



#3
Chloromethane
Concen: 4.618 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

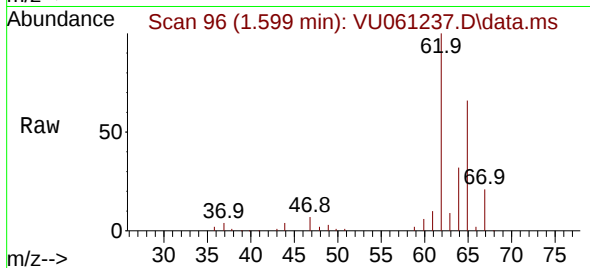
Tgt Ion: 50 Resp: 59900
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.4



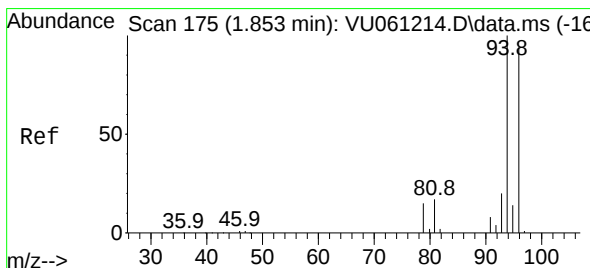
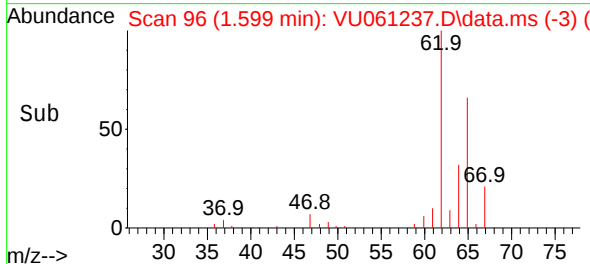
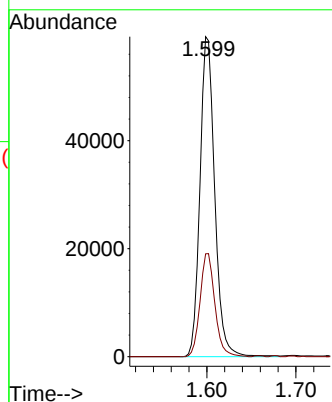


#5
 Vinyl chloride
 Concen: 4.784 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

Instrument :
 MSVOA_U
 ClientSampleId :

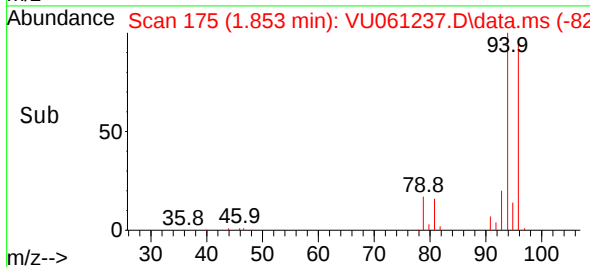
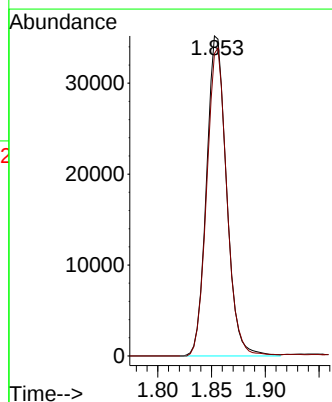
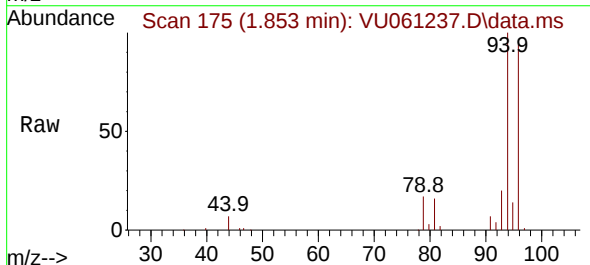


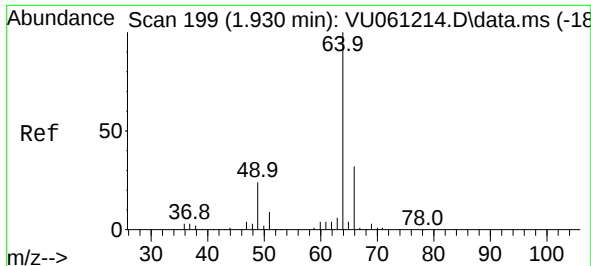
Tgt Ion: 62 Resp: 68219
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 4.844 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

Tgt Ion: 94 Resp: 45768
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.9 124.3

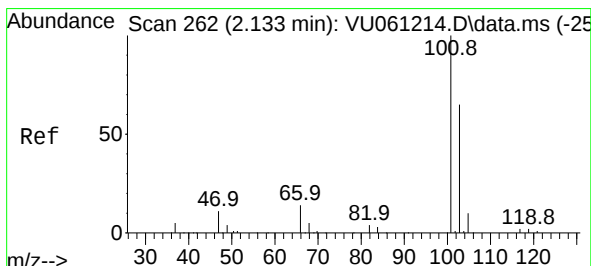
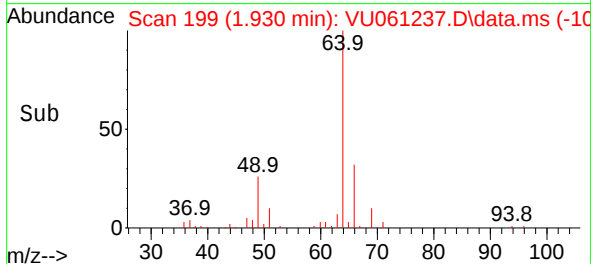
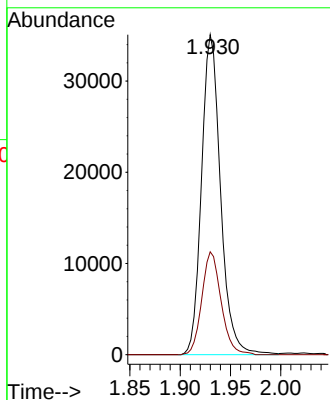
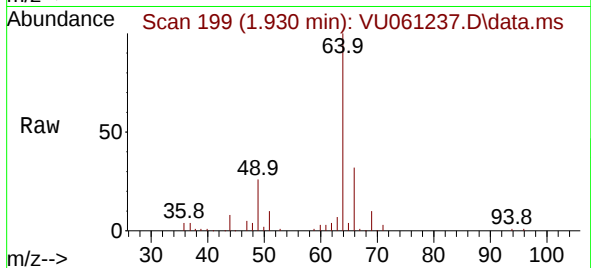




#8
Chloroethane
Concen: 4.407 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

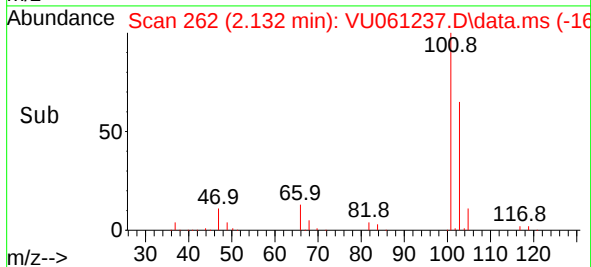
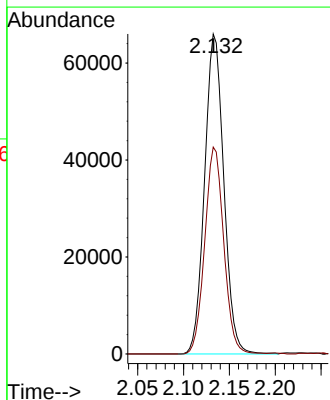
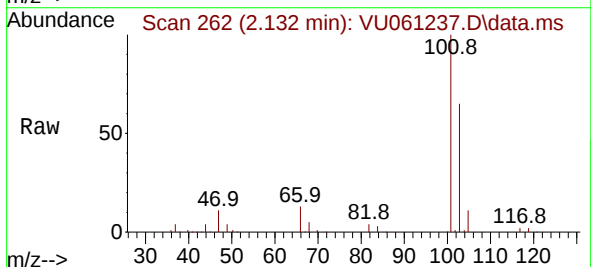
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MSVOA_U
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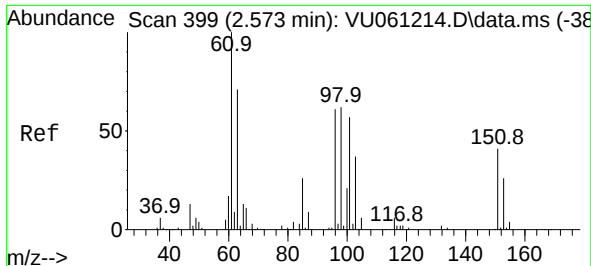
Tgt Ion: 64 Resp: 46270
Ion Ratio Lower Upper
64 100
66 32.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.969 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion:101 Resp: 96244
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8

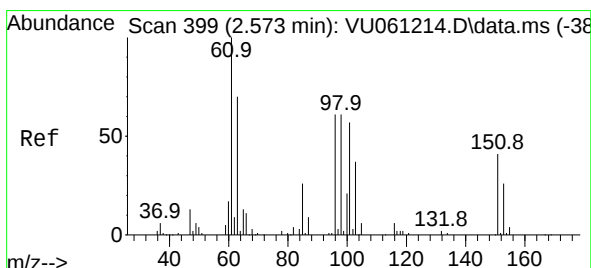
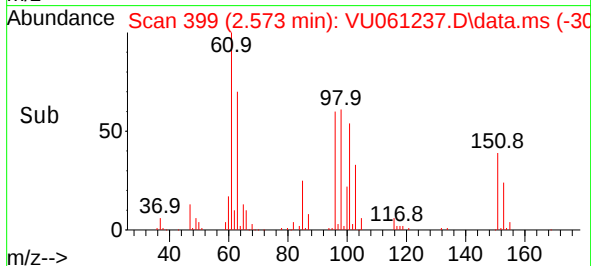
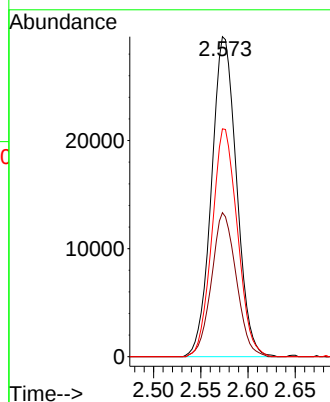
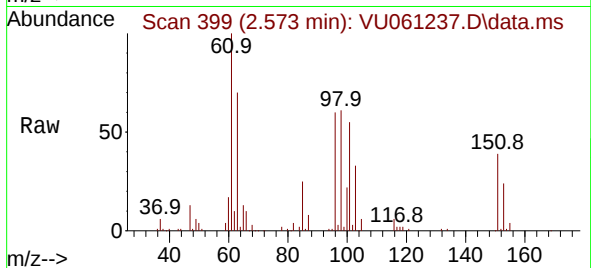




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.754 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

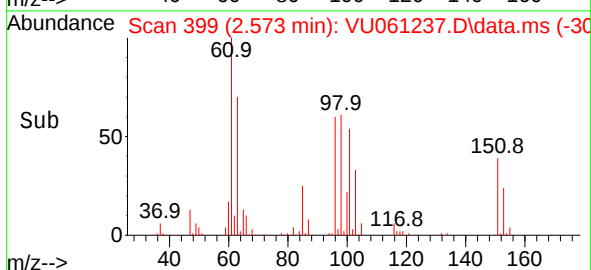
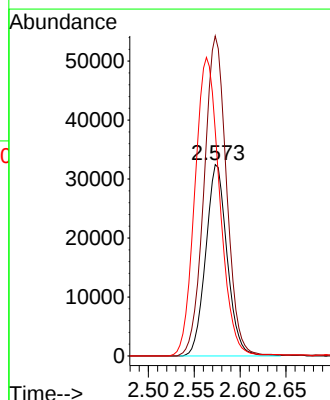
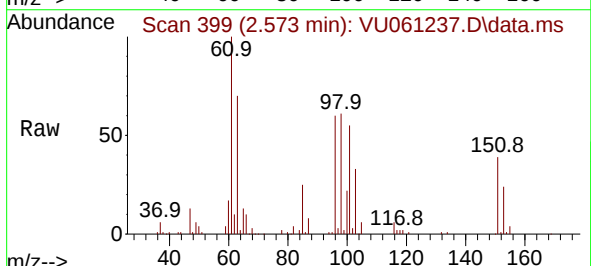
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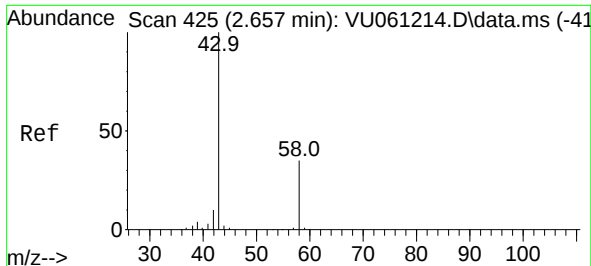
Tgt Ion:	101	Resp:	54676
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.6	53.4
151	72.1	55.9	83.9



#12
 1,1-Dichloroethene
 Concen: 4.820 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

Tgt Ion:	96	Resp:	52567
Ion	Ratio	Lower	Upper
96	100		
61	167.2	119.1	221.1
63	117.7	89.4	166.0





#13

Acetone

Concen: 49.720 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

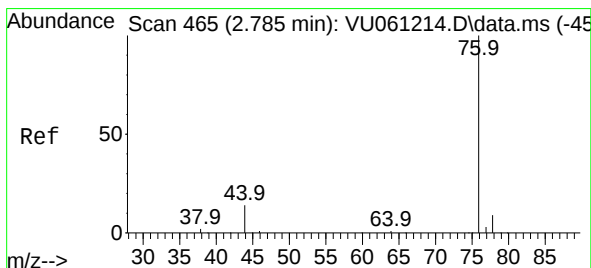
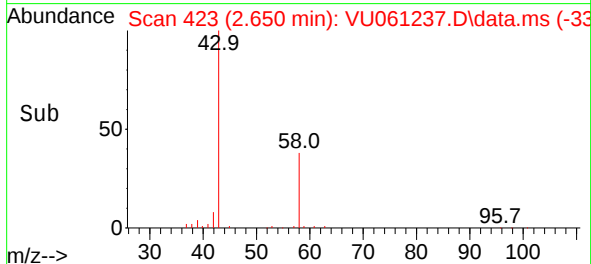
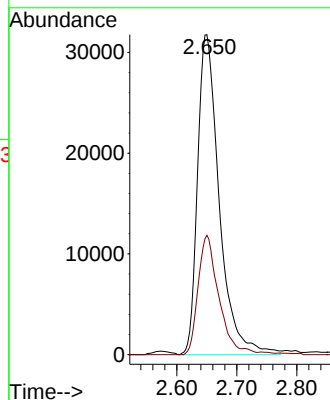
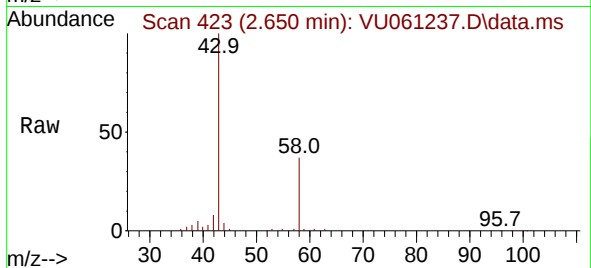
ClientSampleId :

Tgt Ion: 43 Resp: 80125

Ion Ratio Lower Upper

43 100

58 34.6 0.0 73.2



#14

Carbon disulfide

Concen: 4.613 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061237.D

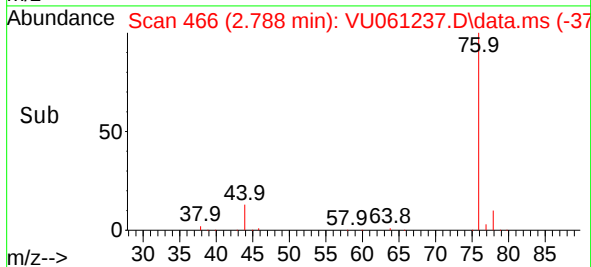
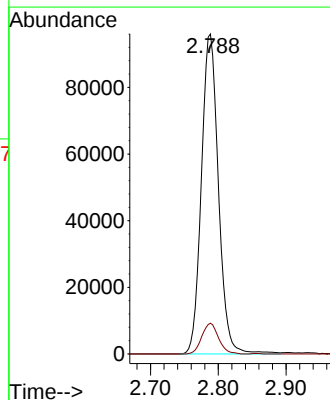
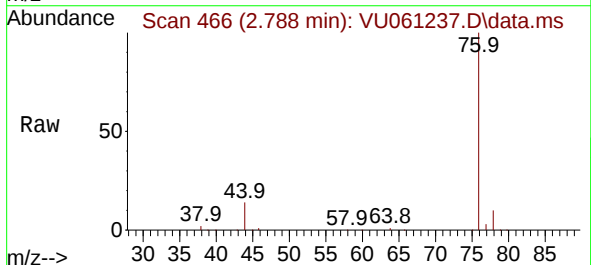
Acq: 25 Oct 2024 19:39

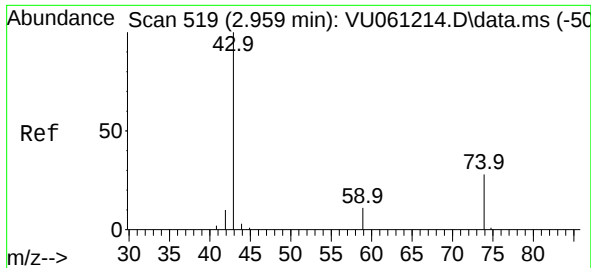
Tgt Ion: 76 Resp: 167878

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2





#15

Methyl Acetate

Concen: 5.369 ug/L

RT: 2.956 min Scan# 519

Delta R.T. -0.003 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

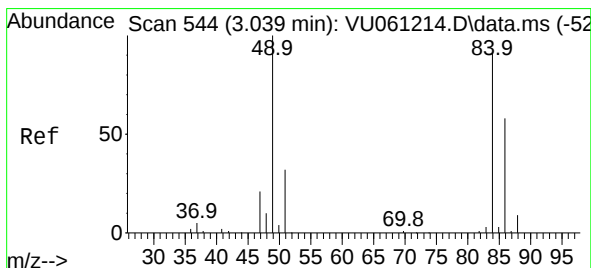
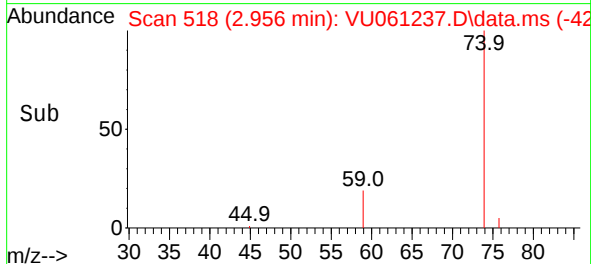
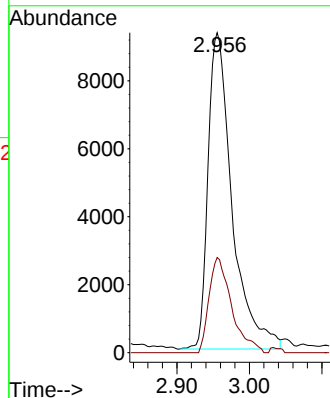
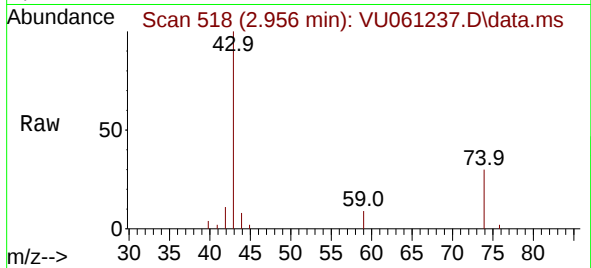
ClientSampleId :

Tgt Ion: 43 Resp: 21424

Ion Ratio Lower Upper

43 100

74 28.2 22.2 33.4



#16

Methylene chloride

Concen: 5.083 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

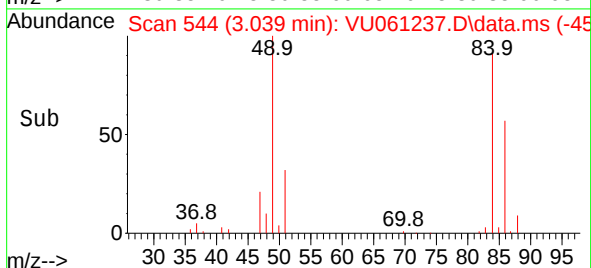
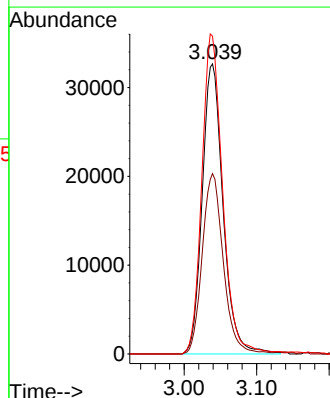
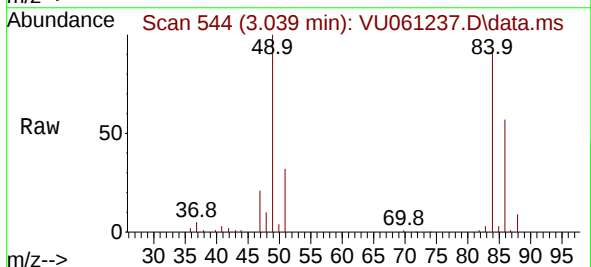
Tgt Ion: 84 Resp: 65325

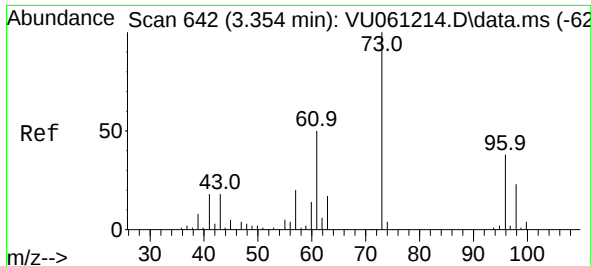
Ion Ratio Lower Upper

84 100

86 62.2 43.5 80.7

49 109.5 75.7 140.7

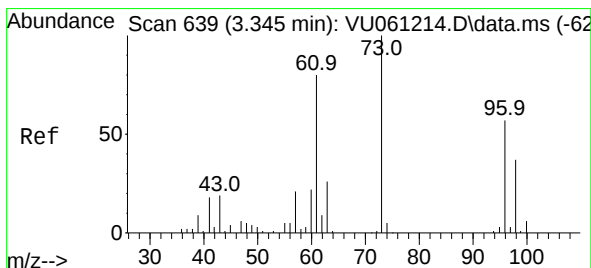
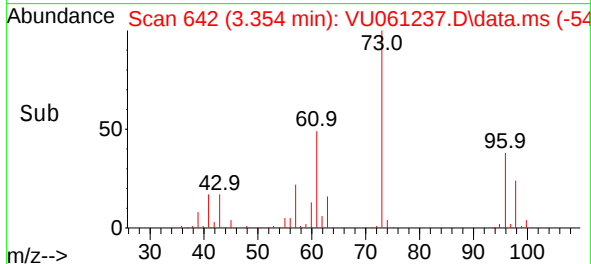
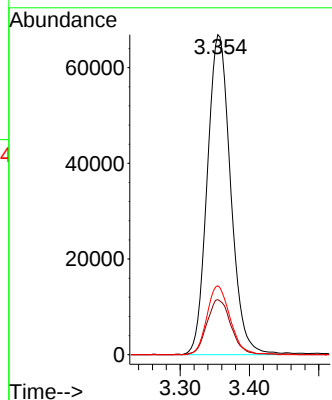
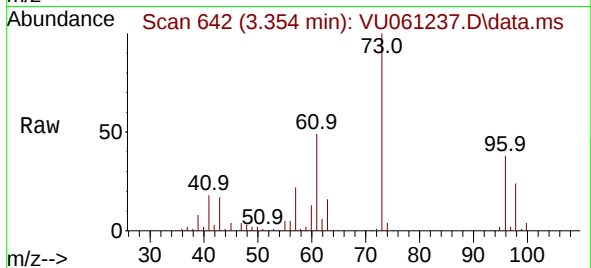




#17
Methyl tert-butyl Ether
Concen: 5.294 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

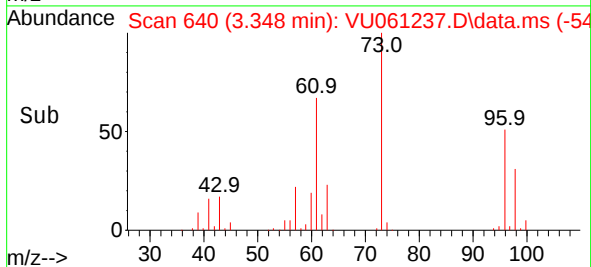
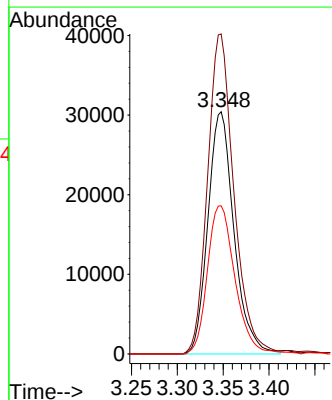
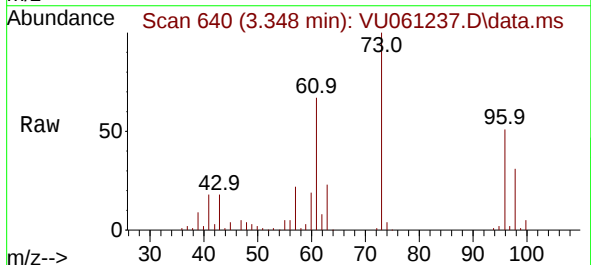
Instrument :
MSVOA_U
ClientSampleId :

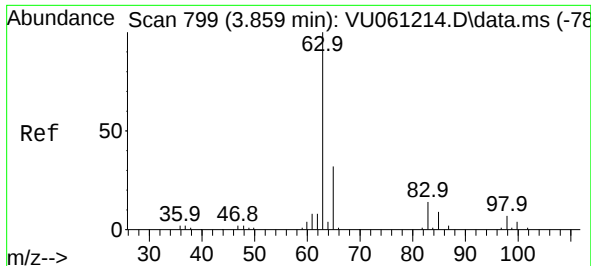
Tgt Ion: 73 Resp: 156504
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.4
57 21.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.994 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

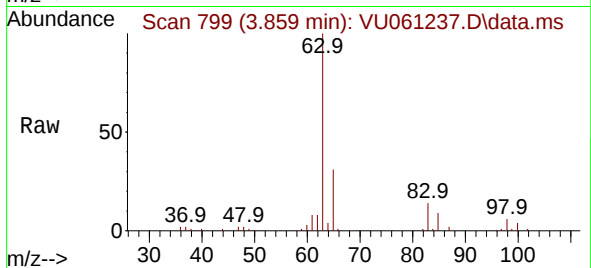
Tgt Ion: 96 Resp: 60232
Ion Ratio Lower Upper
96 100
61 132.1 97.9 181.7
98 61.2 46.2 85.8



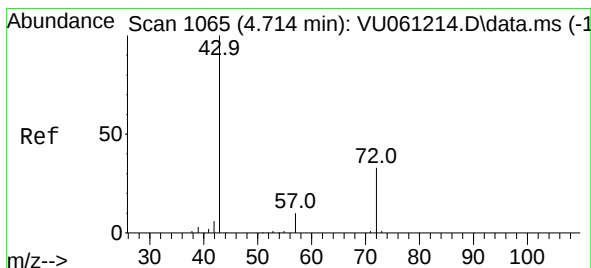
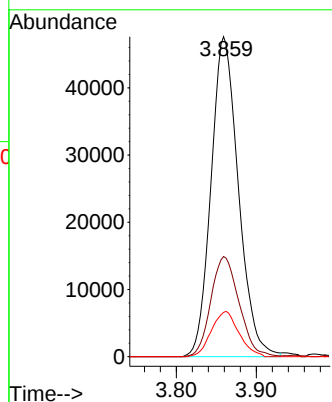
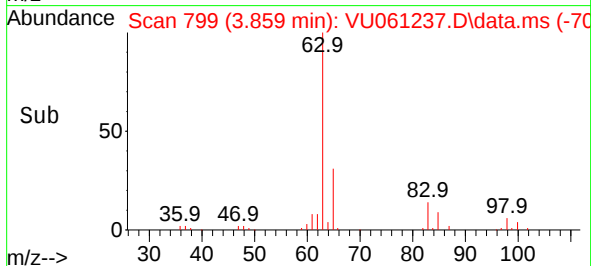


#19
1,1-Dichloroethane
Concen: 4.977 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Instrument :
MSVOA_U
ClientSampleId :

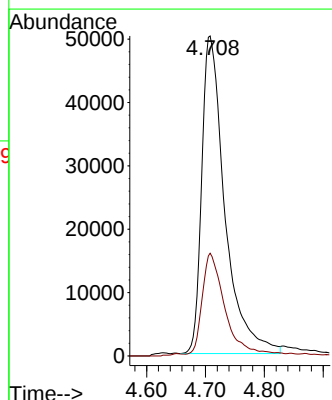
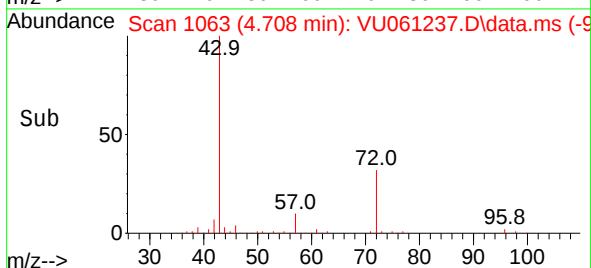
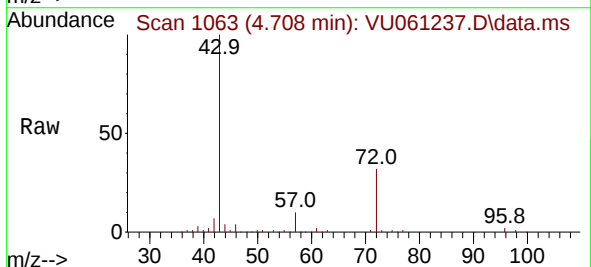


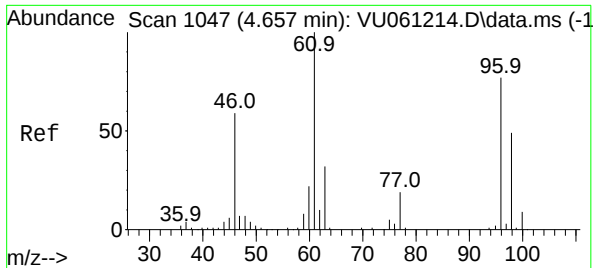
Tgt Ion: 63 Resp: 113201
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 53.617 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.007 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 43 Resp: 136980
Ion Ratio Lower Upper
43 100
72 31.1 15.9 47.6

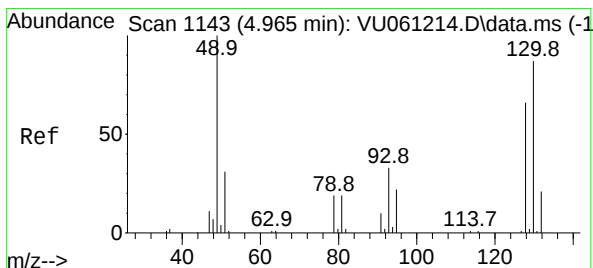
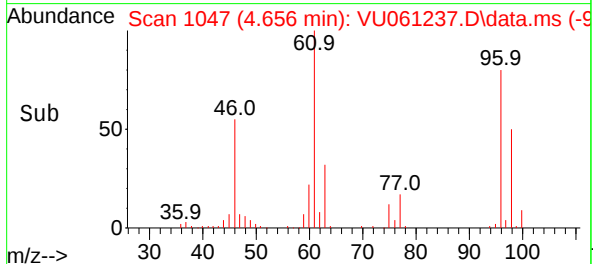
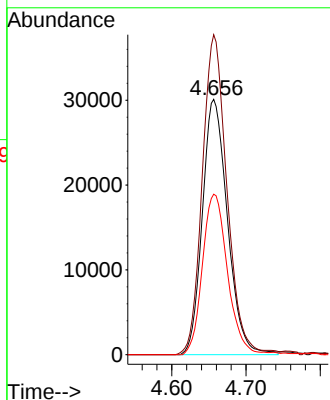
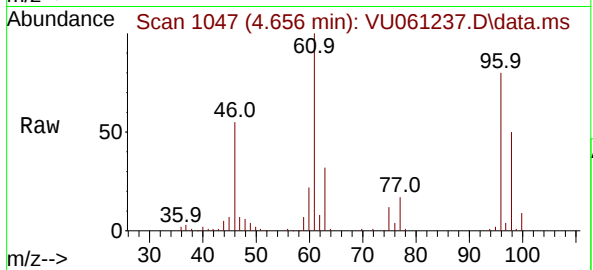




#22
 cis-1,2-Dichloroethene
 Concen: 5.145 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

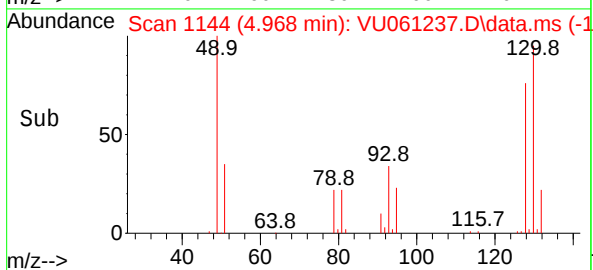
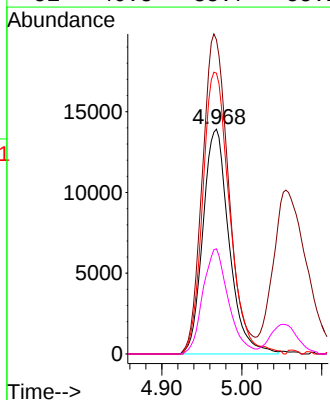
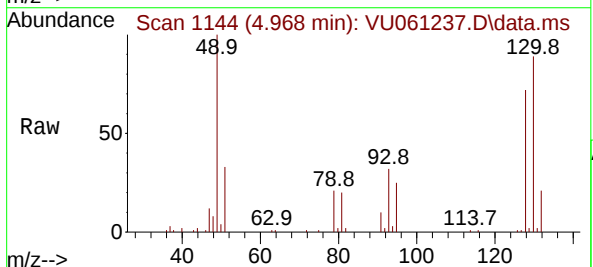
Instrument :
 MSVOA_U
 ClientSampleId :

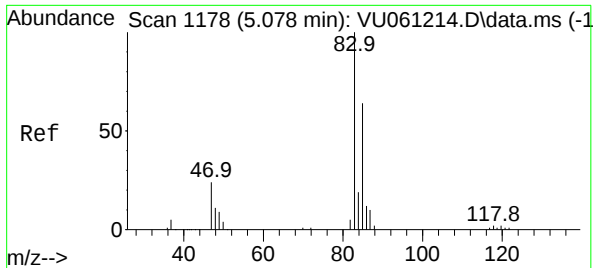
Tgt Ion: 96 Resp: 70875
 Ion Ratio Lower Upper
 96 100
 61 125.3 88.1 163.5
 98 62.9 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.450 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

Tgt Ion:128 Resp: 31590
 Ion Ratio Lower Upper
 128 100
 49 139.8 105.1 195.1
 130 124.9 89.6 166.4
 51 46.8 38.7 58.1

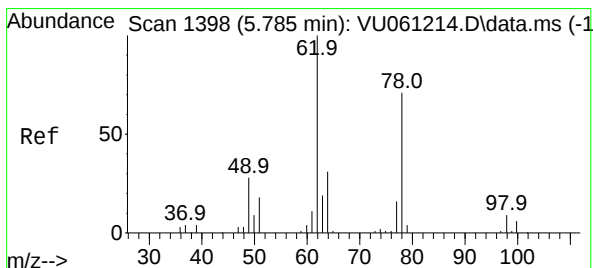
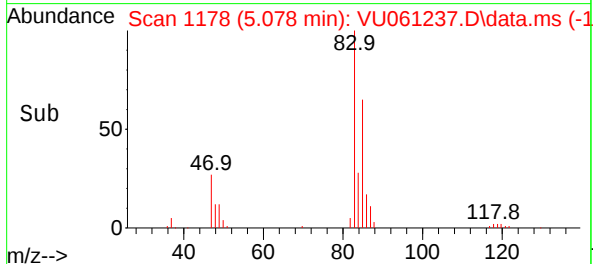
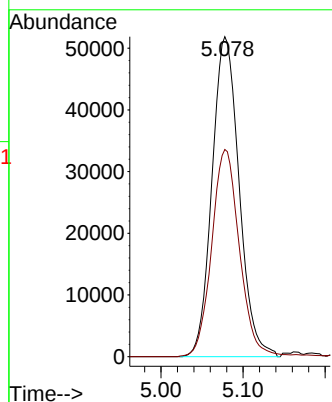
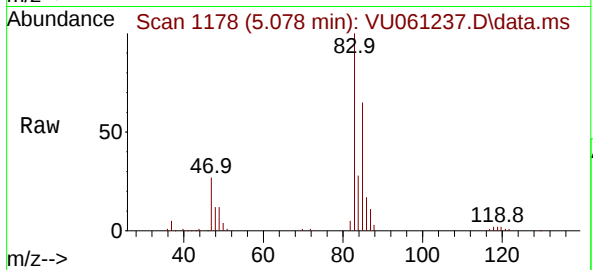




#25
Chloroform
Concen: 4.986 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

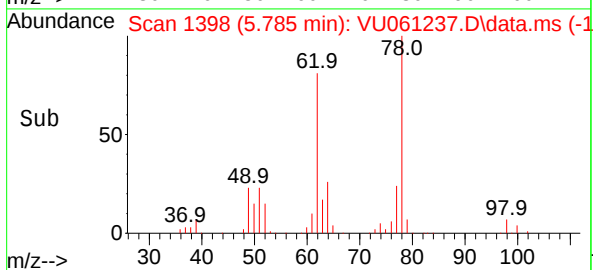
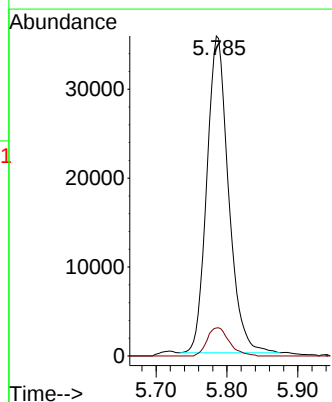
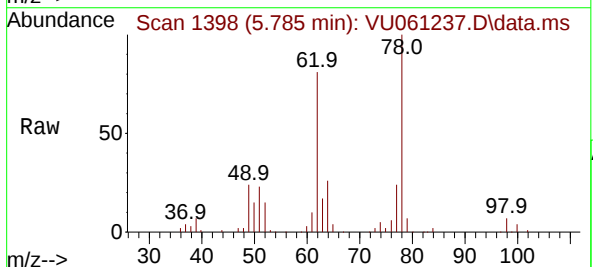
Instrument :
MSVOA_U
ClientSampleId :

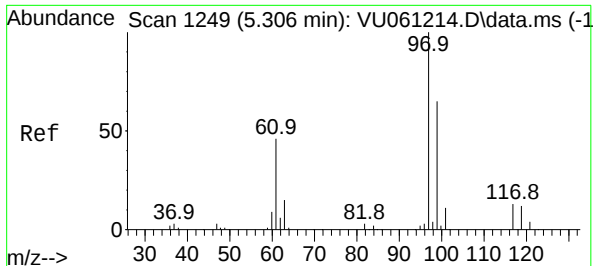
Tgt Ion: 83 Resp: 119246
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.021 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 62 Resp: 75895
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0

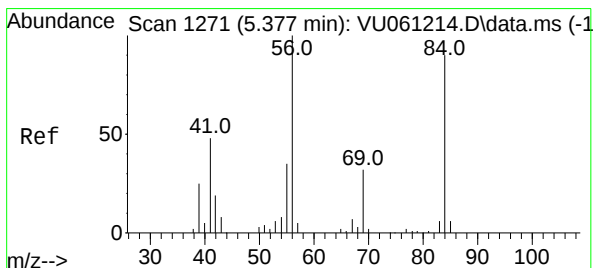
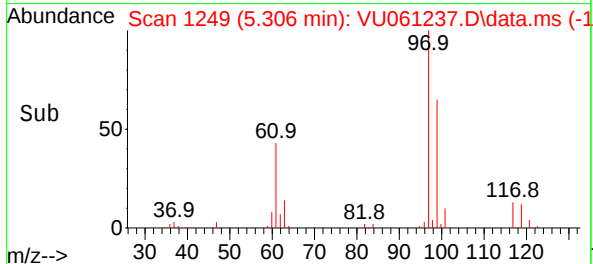
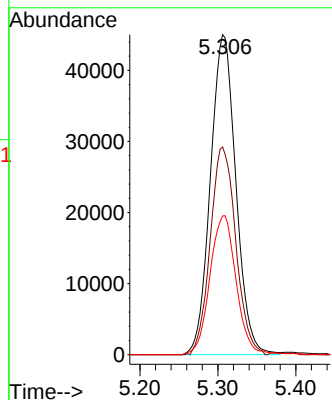
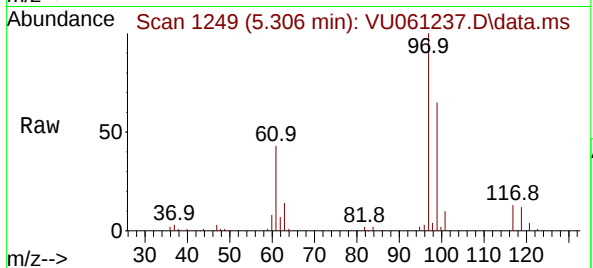




#29
1,1,1-Trichloroethane
Concen: 5.053 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

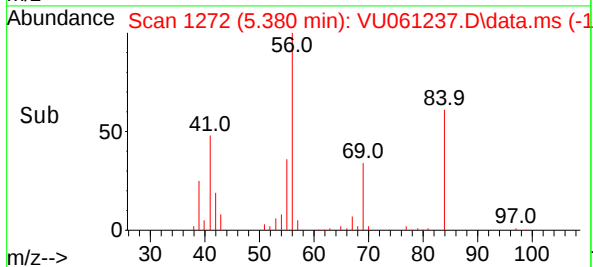
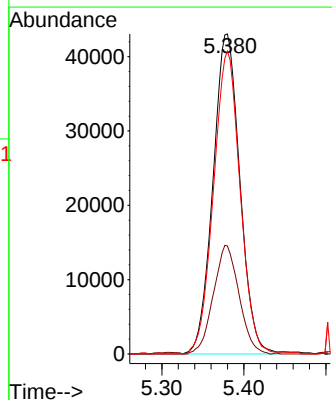
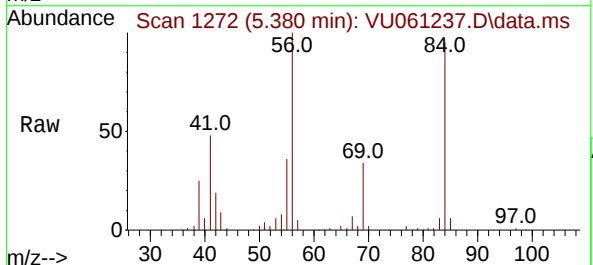
Instrument :
MSVOA_U
ClientSampleId :

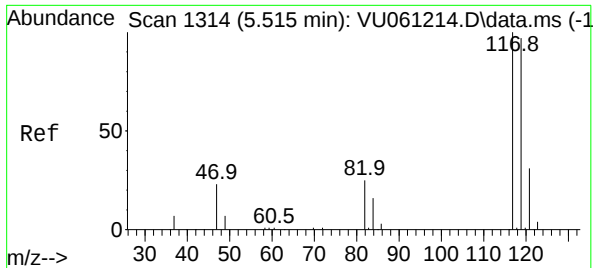
Tgt Ion: 97 Resp: 102394
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 44.7 36.1 54.1



#30
Cyclohexane
Concen: 4.816 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 56 Resp: 97885
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.6
84 93.9 73.9 110.9

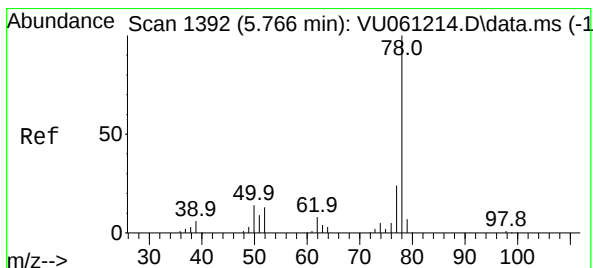
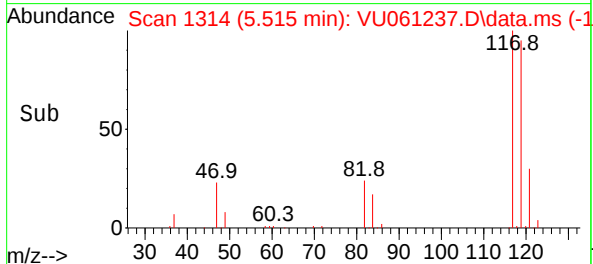
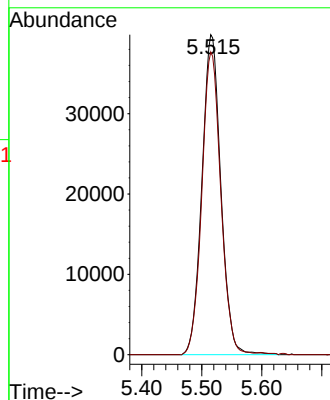
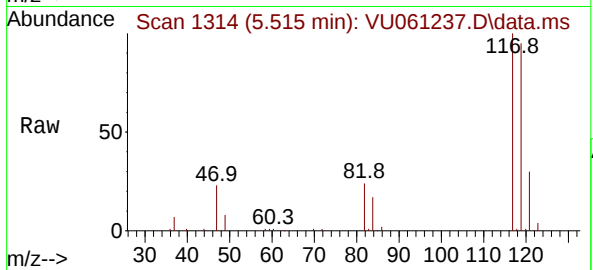




#31
Carbon tetrachloride
Concen: 5.050 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

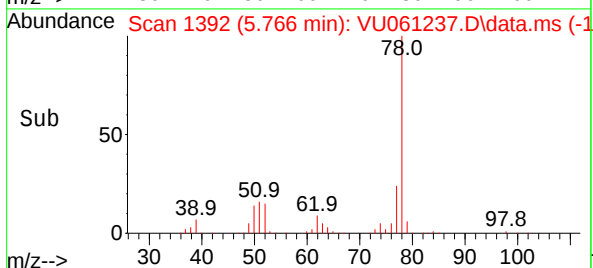
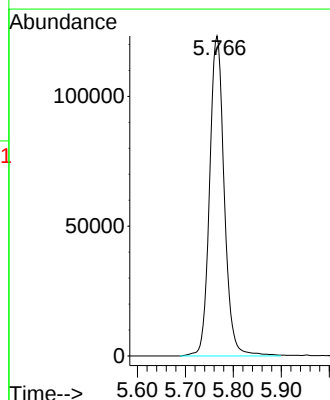
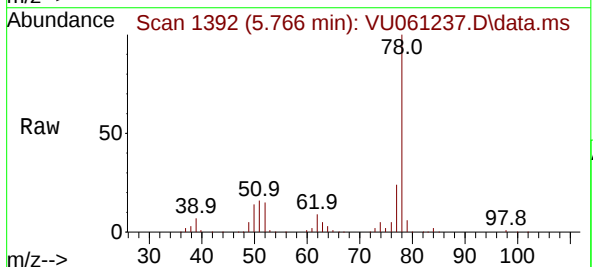
Instrument :
MSVOA_U
ClientSampleId :

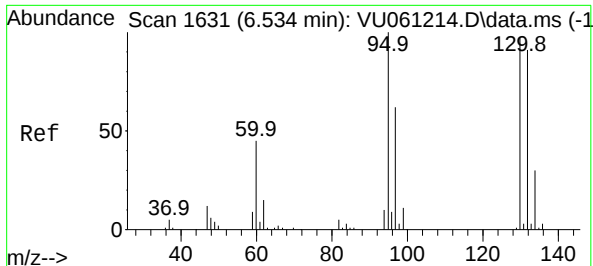
Tgt Ion:117 Resp: 87566
Ion Ratio Lower Upper
117 100
119 94.6 75.5 113.3



#33
Benzene
Concen: 5.125 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 78 Resp: 262296

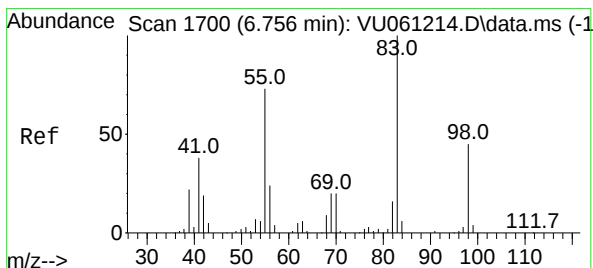
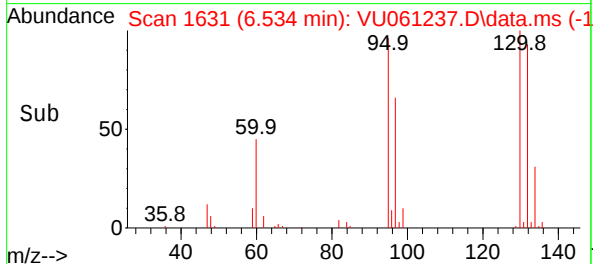
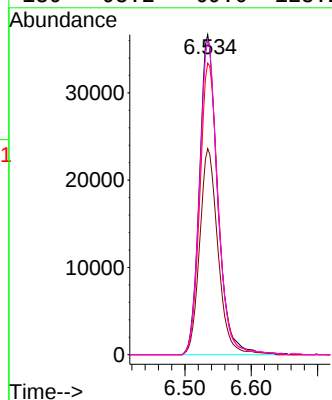
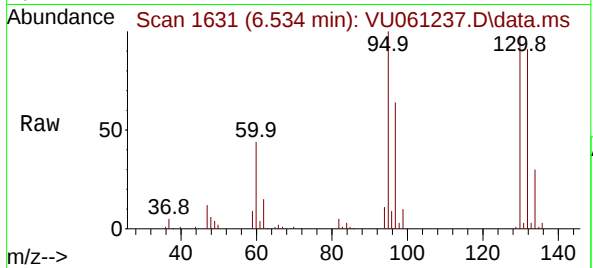




#34
Trichloroethene
Concen: 5.017 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

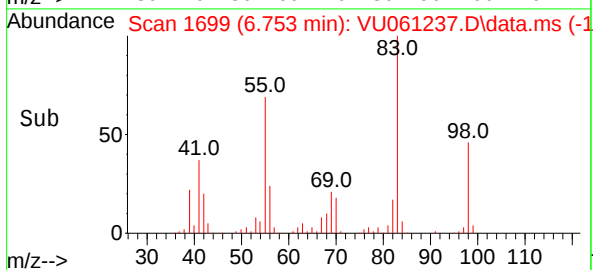
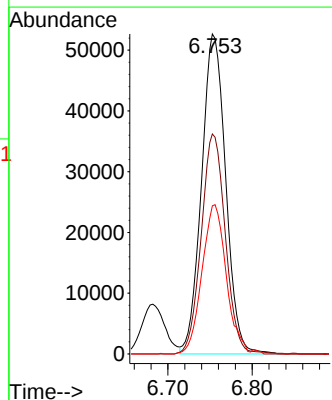
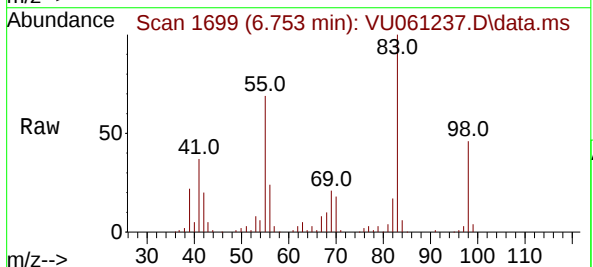
Instrument :
MSVOA_U
ClientSampleId :

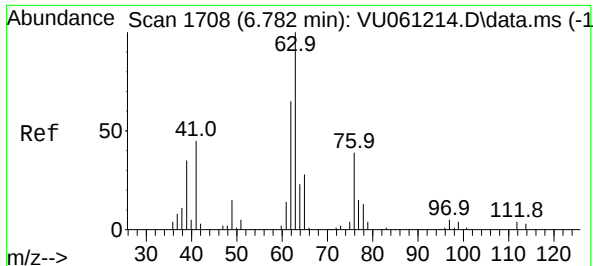
Tgt Ion: 95 Resp: 69855
Ion Ratio Lower Upper
95 100
97 64.4 46.1 85.7
132 91.1 66.1 122.7
130 98.2 69.0 128.2



#35
Methylcyclohexane
Concen: 4.746 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 83 Resp: 105167
Ion Ratio Lower Upper
83 100
55 68.5 55.9 83.9
98 46.7 35.9 53.9

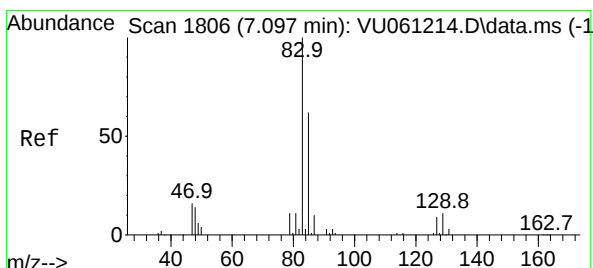
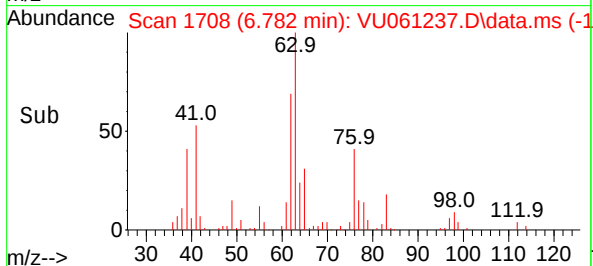
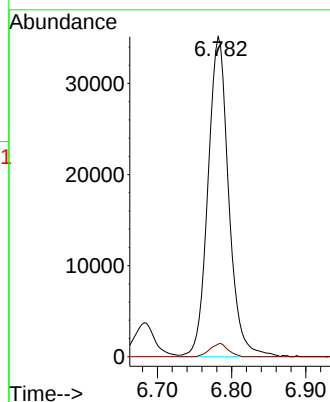
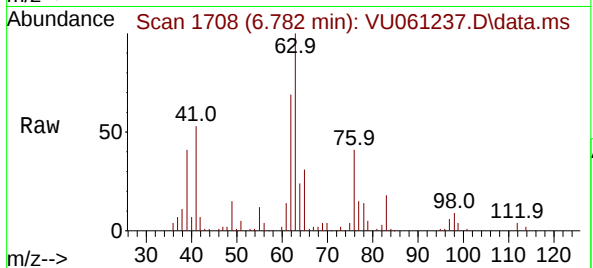




#37
1,2-Dichloropropane
Concen: 5.255 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

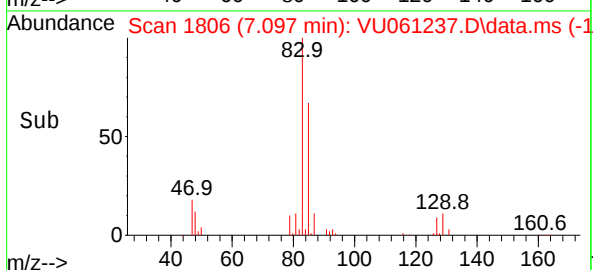
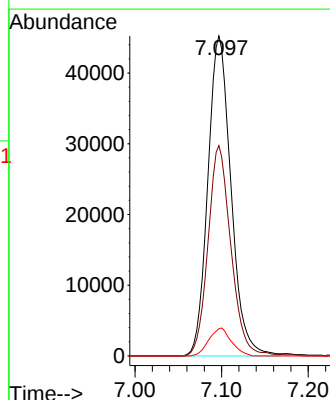
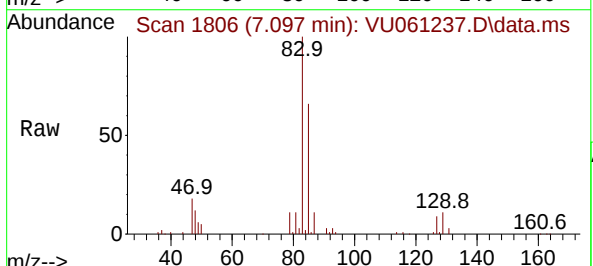
Instrument :
MSVOA_U
ClientSampleId :

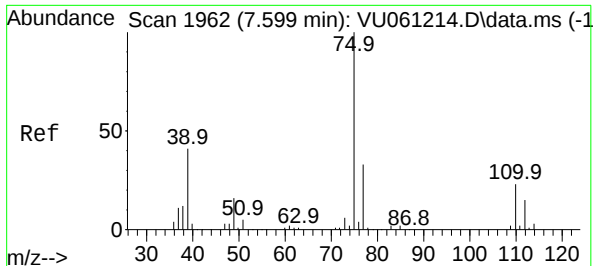
Tgt Ion: 63 Resp: 68173
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.120 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 83 Resp: 84060
Ion Ratio Lower Upper
83 100
85 65.7 43.8 81.4
127 8.5 7.4 11.0

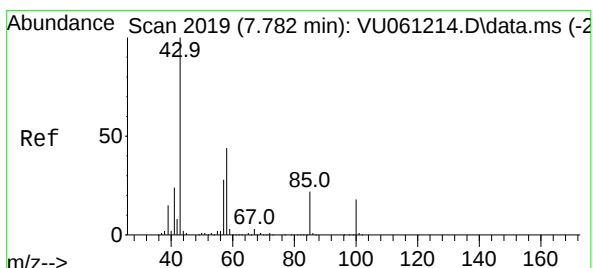
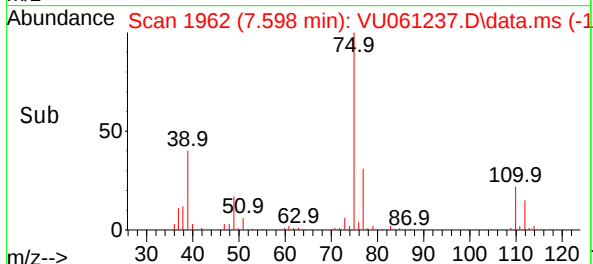
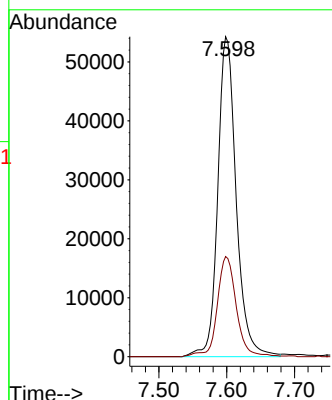
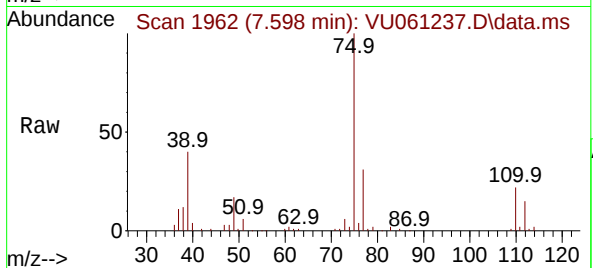




#39
 cis-1,3-Dichloropropene
 Concen: 5.118 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

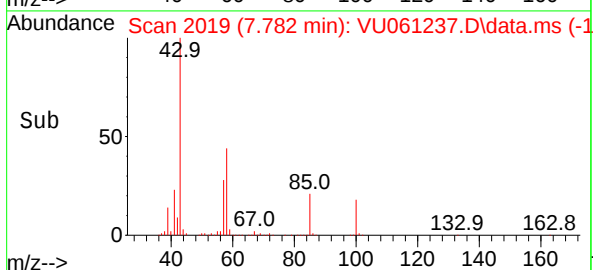
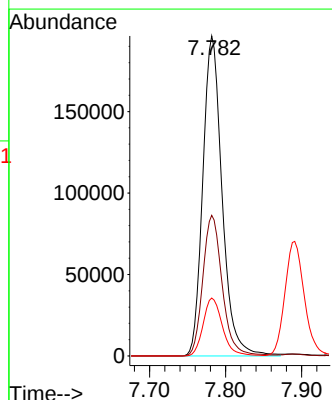
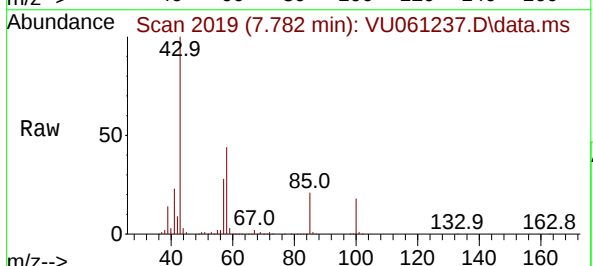
Instrument :
 MSVOA_U
 ClientSampleId :

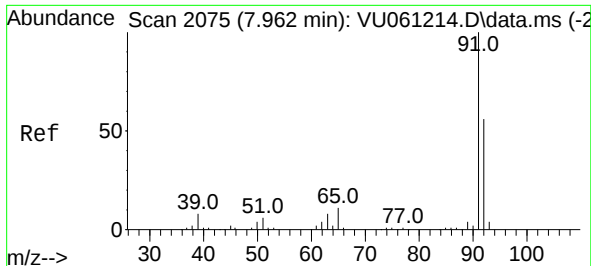
Tgt Ion: 75 Resp: 102543
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 53.708 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061237.D
 Acq: 25 Oct 2024 19:39

Tgt Ion: 43 Resp: 346772
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.1 52.7
 100 18.1 14.0 21.0





#42

Toluene

Concen: 5.037 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

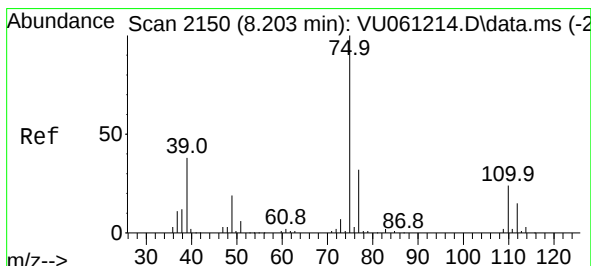
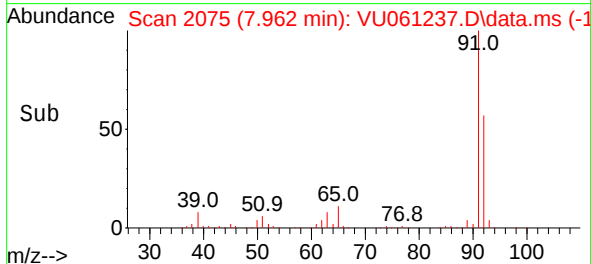
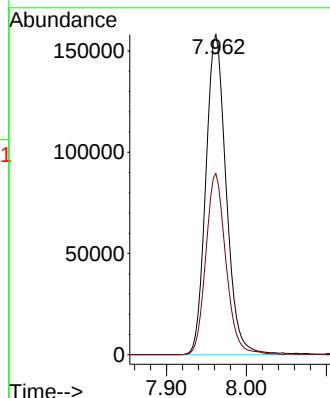
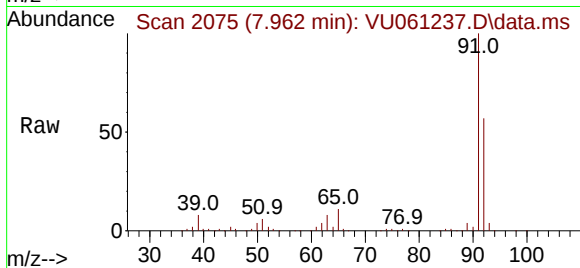
ClientSampleId :

Tgt Ion: 91 Resp: 279965

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.170 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061237.D

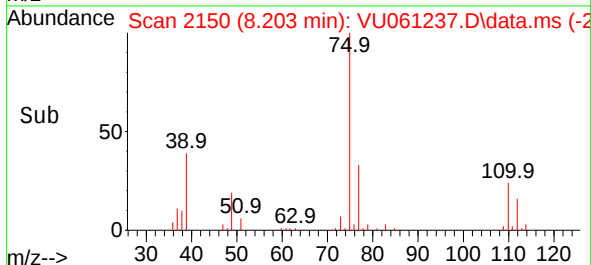
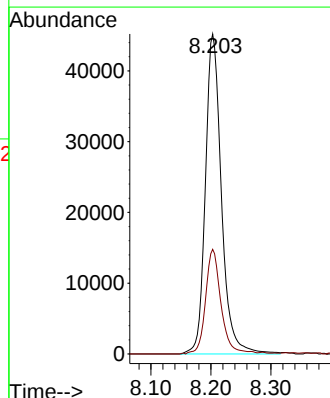
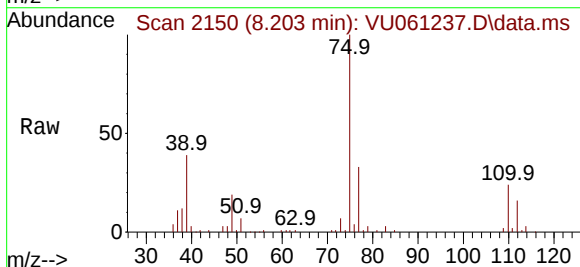
Acq: 25 Oct 2024 19:39

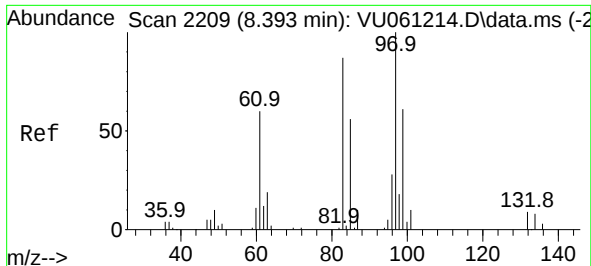
Tgt Ion: 75 Resp: 84404

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8

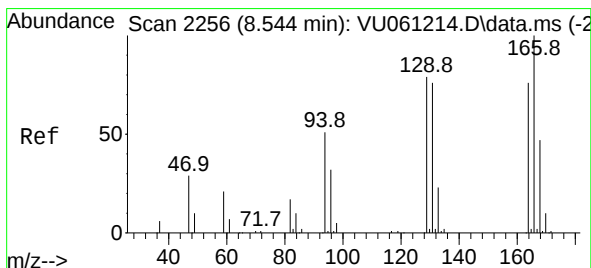
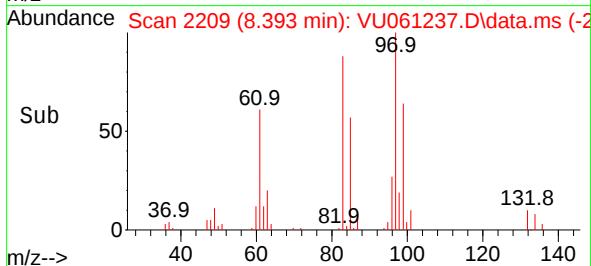
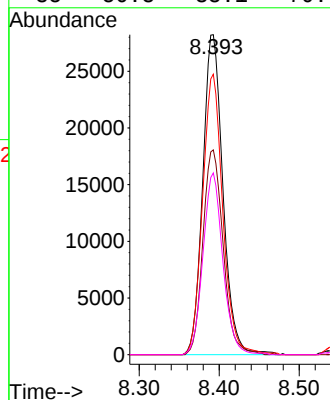
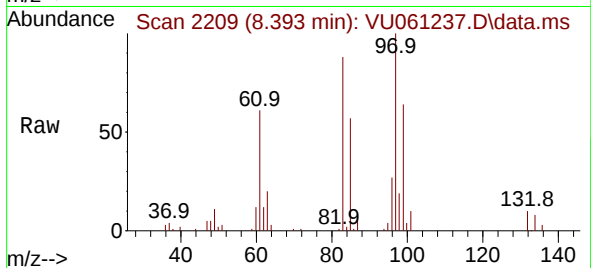




#45
1,1,2-Trichloroethane
Concen: 5.321 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

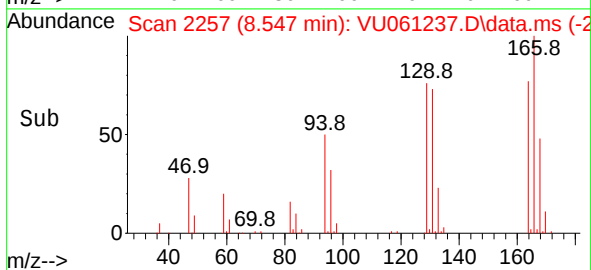
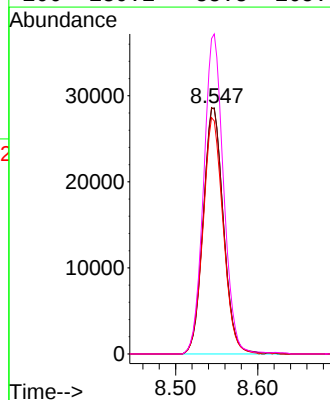
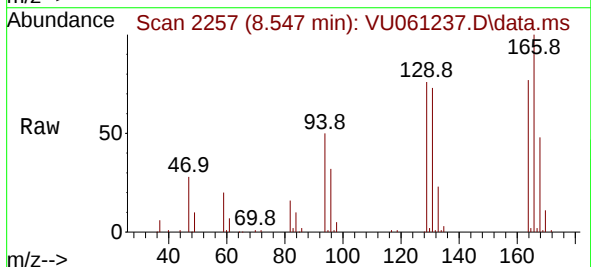
Instrument :
MSVOA_U
ClientSampleId :

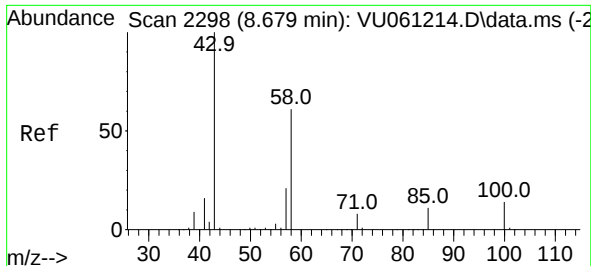
Tgt Ion:	97	Resp:	49676
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.1	81.9
83	87.7	61.2	113.6
85	56.8	38.1	70.7



#47
Tetrachloroethene
Concen: 5.037 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

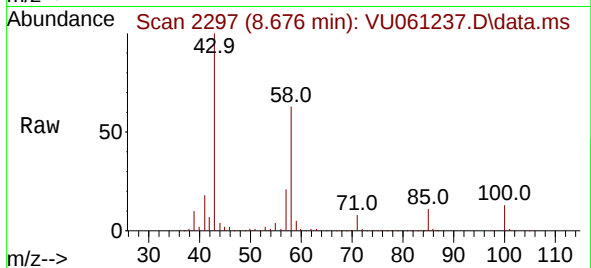
Tgt Ion:	164	Resp:	48976
Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.9	129.7
131	94.7	68.3	126.8
166	130.1	88.8	165.0



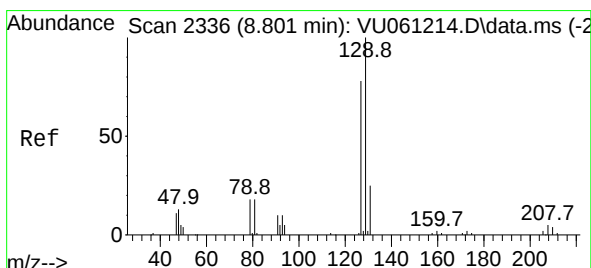
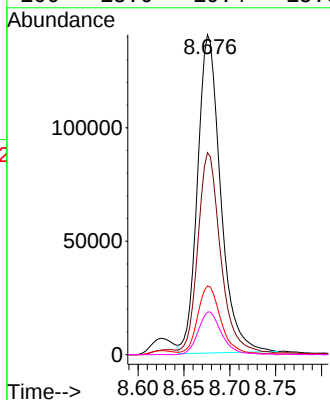
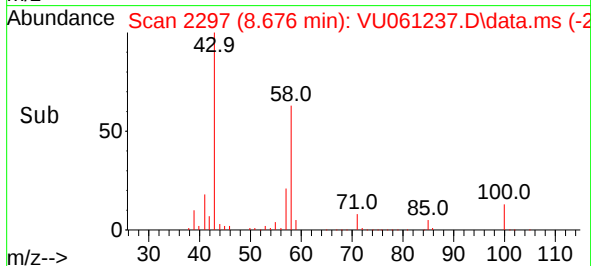


#48
2-Hexanone
Concen: 53.948 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Instrument :
MSVOA_U
ClientSampleId :

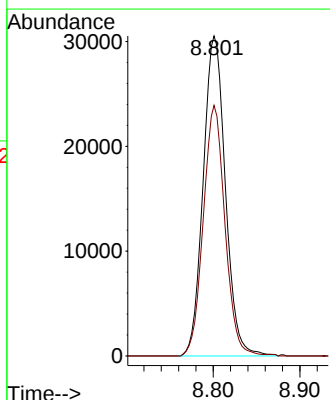
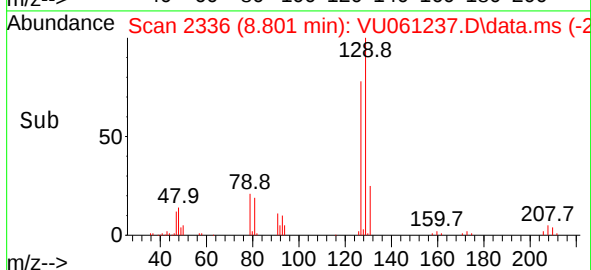
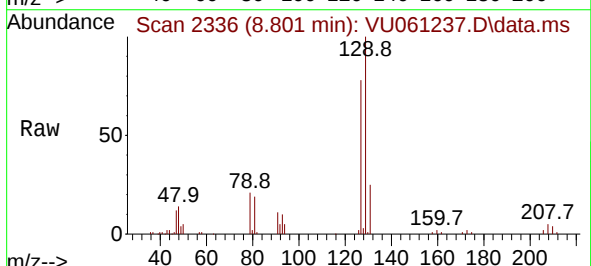


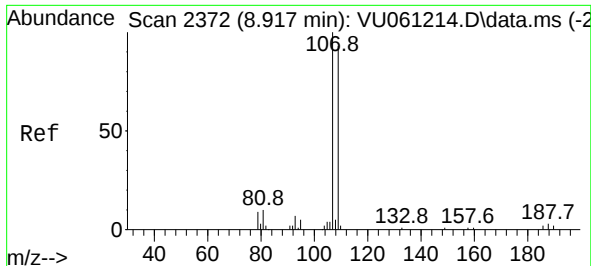
Tgt Ion:	43	Resp:	246312
Ion	Ratio	Lower	Upper
43	100		
58	62.4	48.6	72.8
57	21.9	17.0	25.6
100	13.6	10.4	15.6



#49
Dibromochloromethane
Concen: 5.138 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion:	129	Resp:	54408
Ion	Ratio	Lower	Upper
129	100		
127	78.3	51.8	96.2

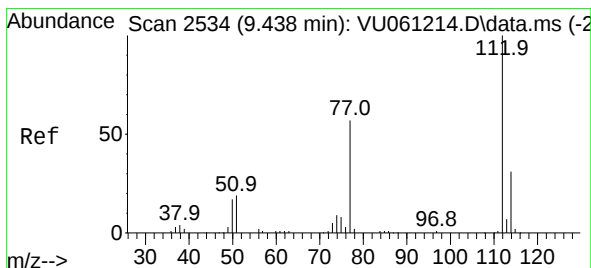
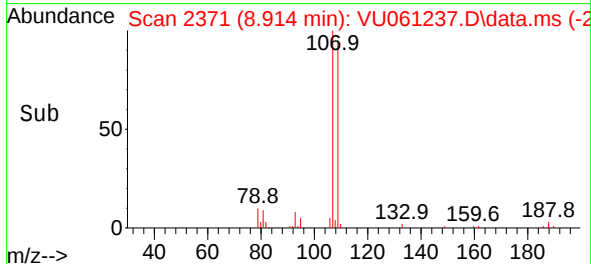
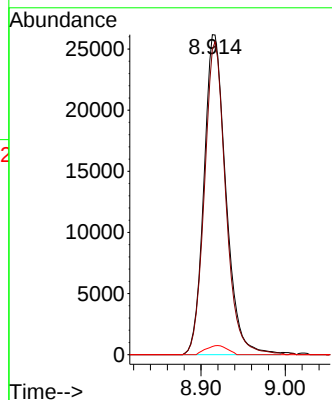
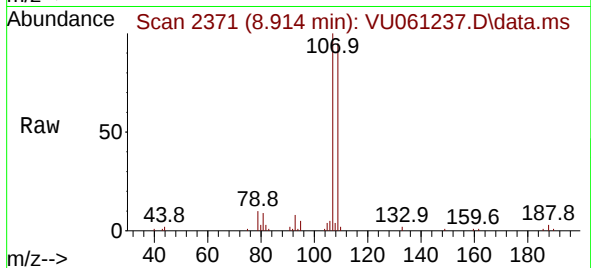




#50
1,2-Dibromoethane
Concen: 5.237 ug/L
RT: 8.914 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

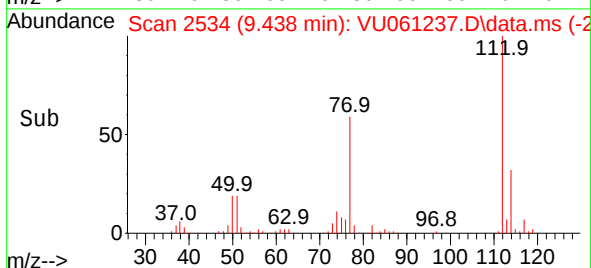
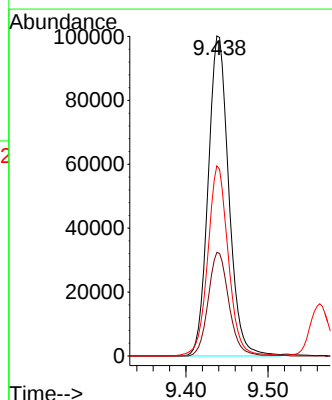
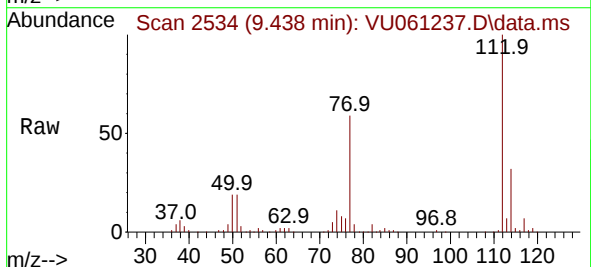
Instrument :
MSVOA_U
ClientSampleId :

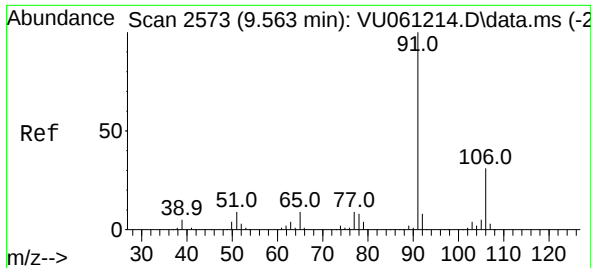
Tgt Ion:107 Resp: 47499
Ion Ratio Lower Upper
107 100
109 95.4 63.4 117.8
188 2.5 2.6 3.8#



#51
Chlorobenzene
Concen: 4.997 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion:112 Resp: 175544
Ion Ratio Lower Upper
112 100
114 32.3 22.9 42.5
77 59.4 47.1 70.7

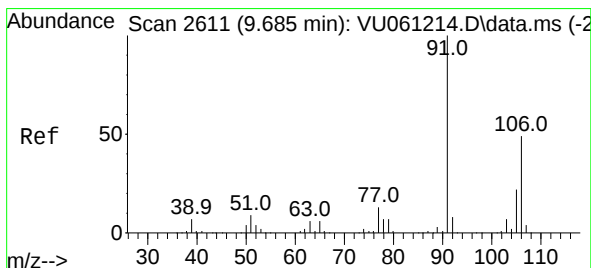
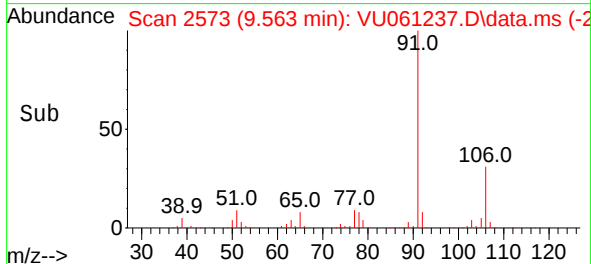
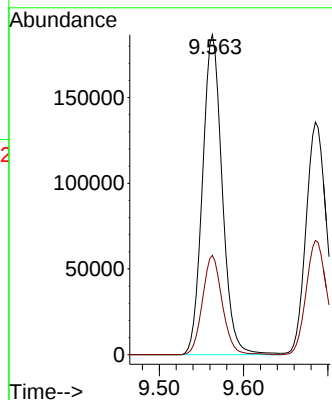
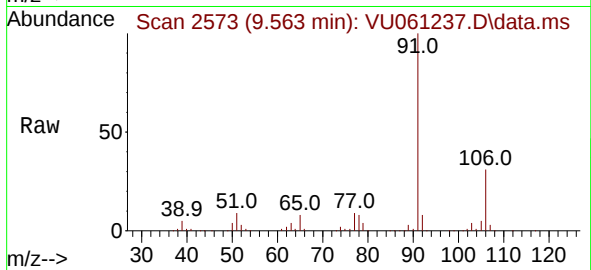




#52
Ethylbenzene
Concen: 4.979 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

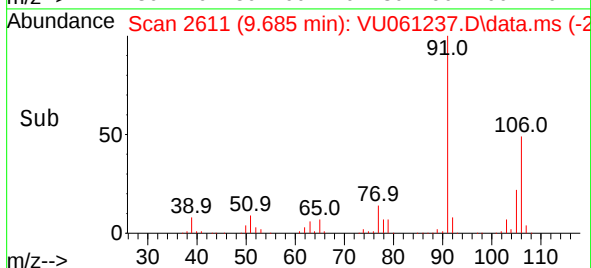
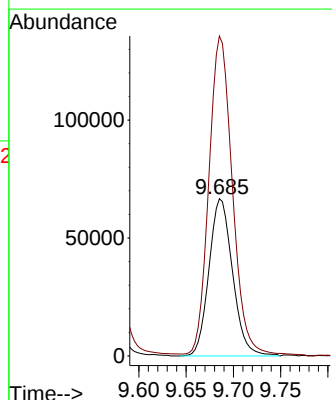
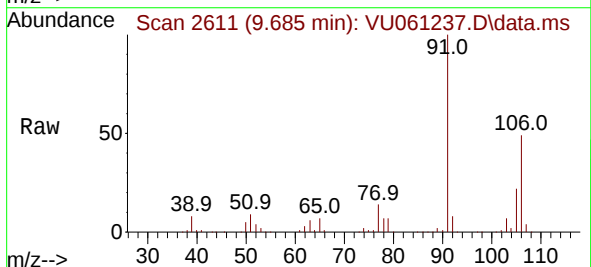
Instrument :
MSVOA_U
ClientSampleId :

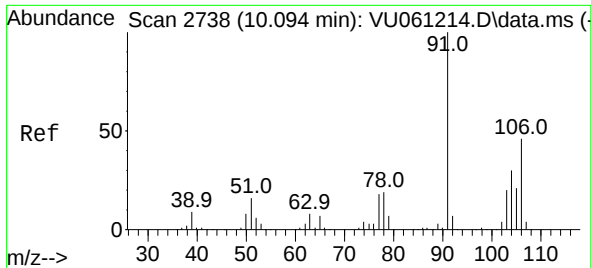
Tgt Ion: 91 Resp: 304392
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-Xylene
Concen: 4.972 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

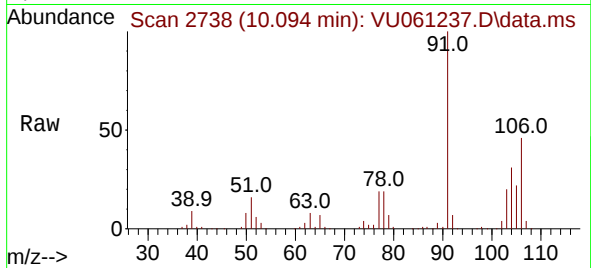
Tgt Ion:106 Resp: 115812
Ion Ratio Lower Upper
106 100
91 203.5 145.7 270.7



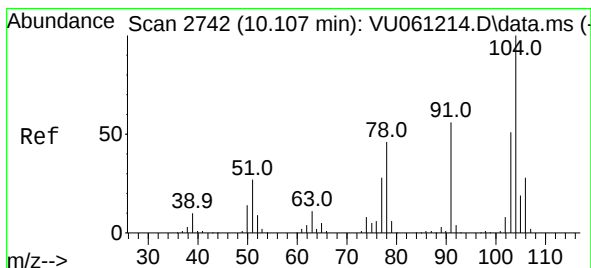
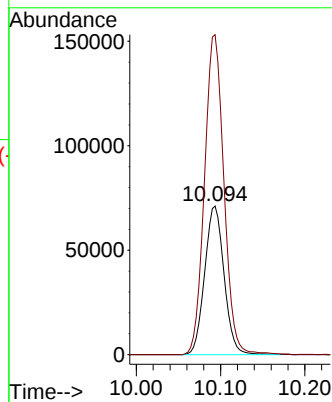
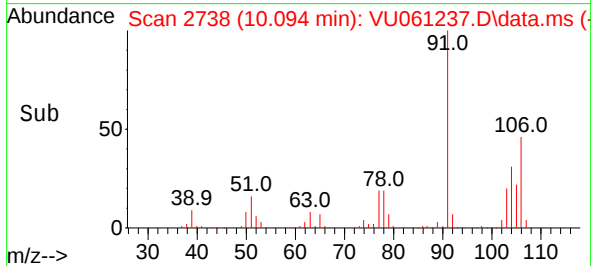


#54
o-Xylene
Concen: 4.974 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Instrument :
MSVOA_U
ClientSampleId :

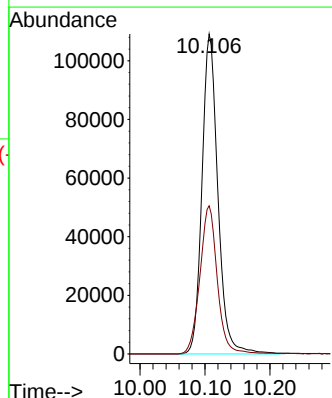
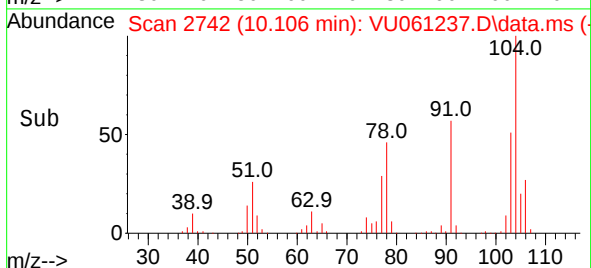
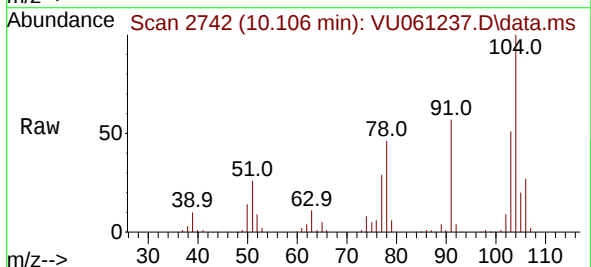


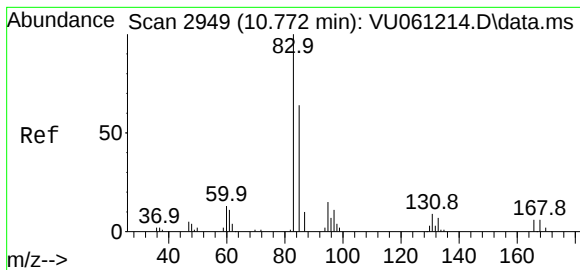
Tgt Ion:106 Resp: 114327
Ion Ratio Lower Upper
106 100
91 215.3 148.8 276.4



#55
Styrene
Concen: 5.054 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion:104 Resp: 186234
Ion Ratio Lower Upper
104 100
78 46.3 32.3 59.9

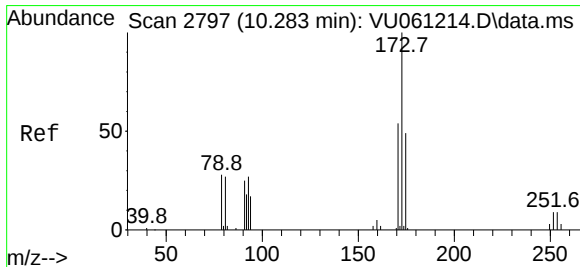
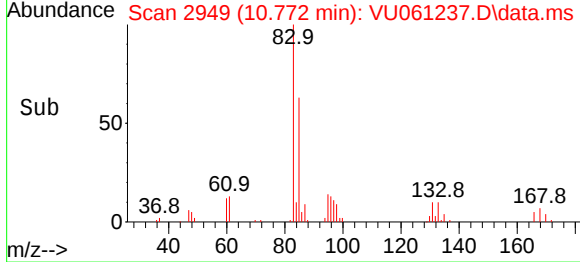
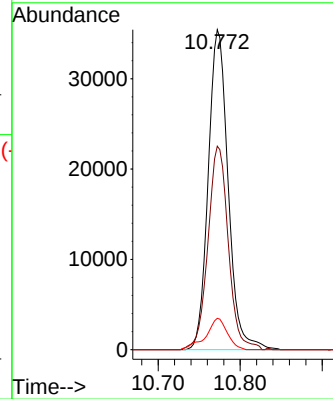
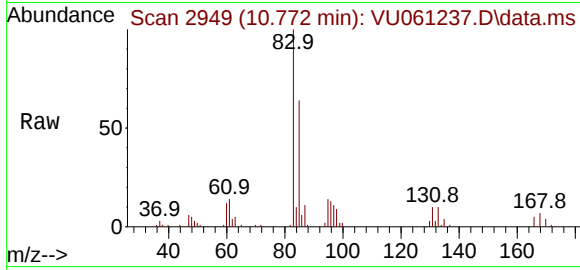




#57
1,1,2,2-Tetrachloroethane
Concen: 5.317 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

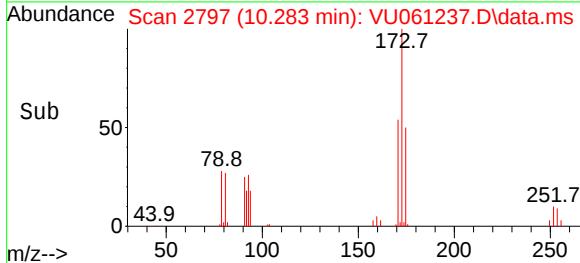
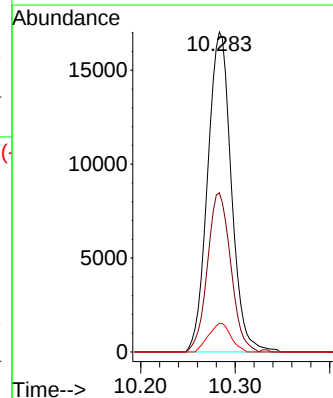
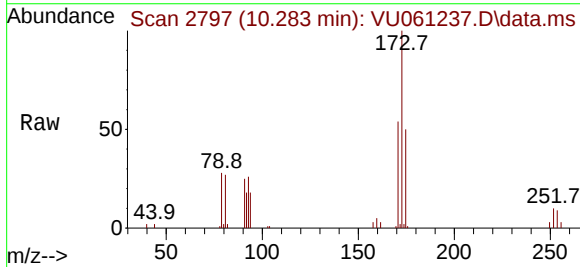
Instrument :
MSVOA_U
ClientSampleId :

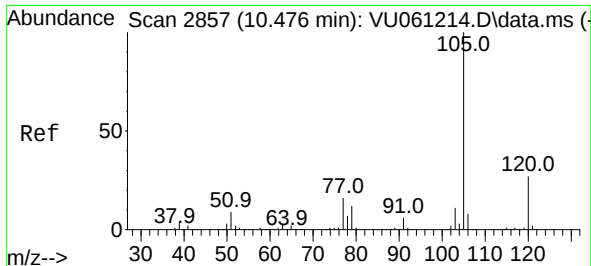
Tgt Ion: 83 Resp: 59816
Ion Ratio Lower Upper
83 100
85 63.6 45.3 84.1
131 9.8 7.6 11.4



#59
Bromoform
Concen: 4.974 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion:173 Resp: 29663
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 8.4 6.8 10.2

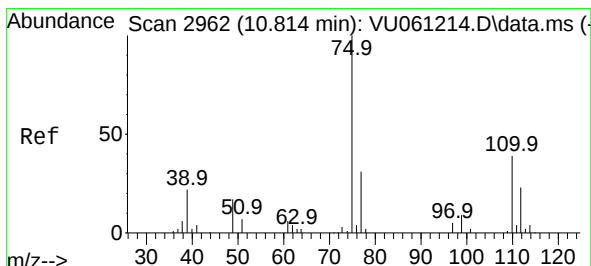
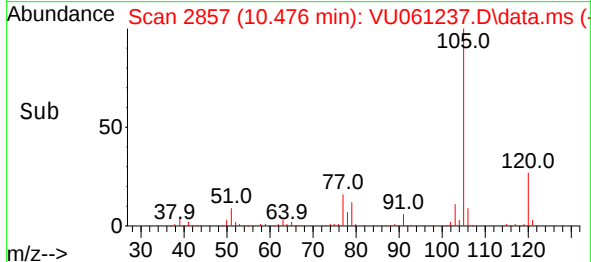
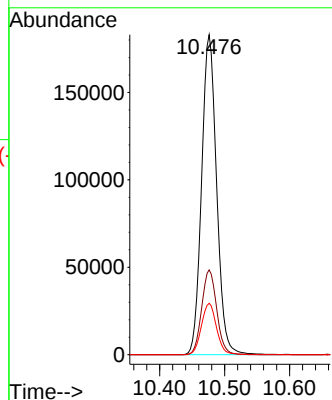
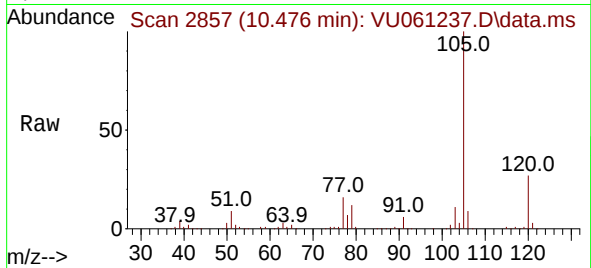




#60
Isopropylbenzene
Concen: 4.786 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

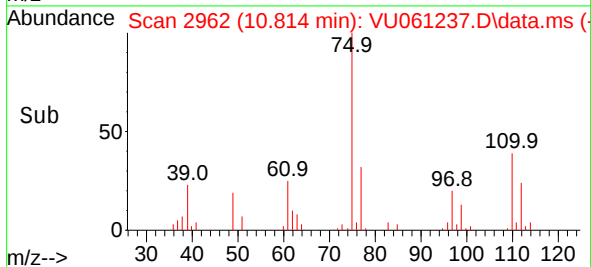
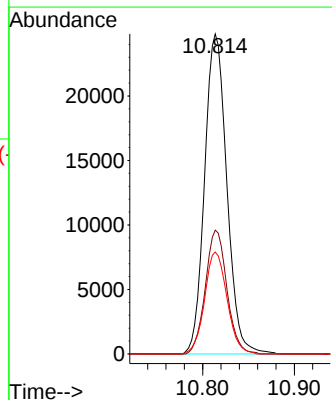
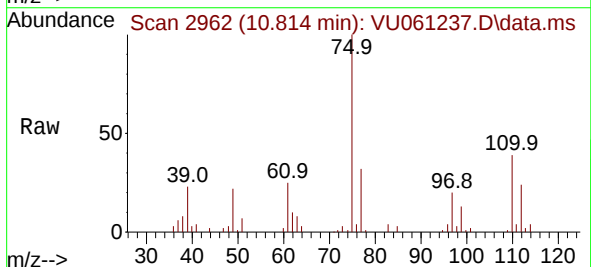
Instrument :
MSVOA_U
ClientSampleId :

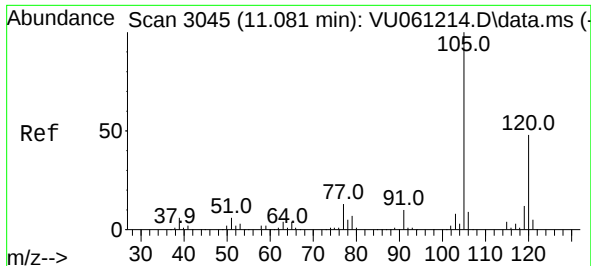
Tgt Ion:105 Resp: 294567
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.203 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion: 75 Resp: 41759
Ion Ratio Lower Upper
75 100
110 37.5 28.8 43.2
77 32.1 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.853 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

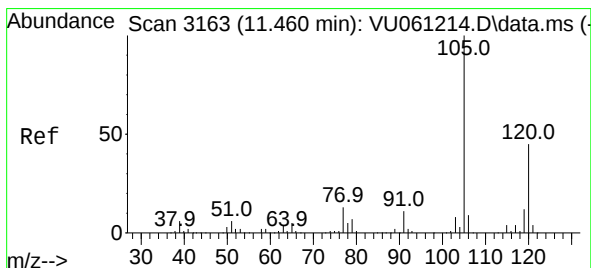
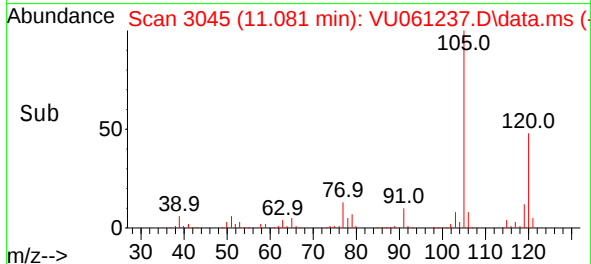
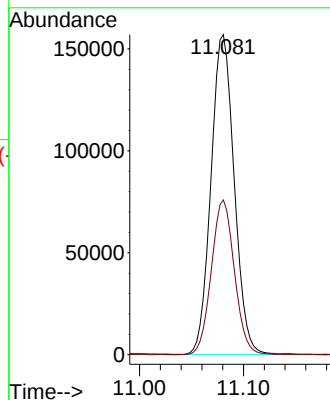
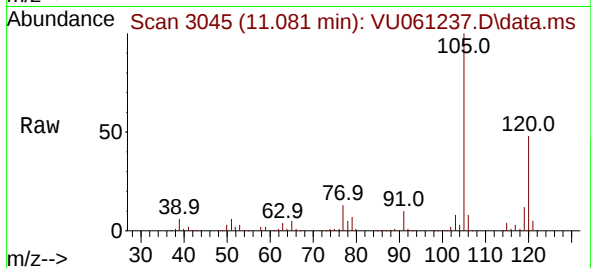
ClientSampleId :

Tgt Ion:105 Resp: 243132

Ion Ratio Lower Upper

105 100

120 48.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.859 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061237.D

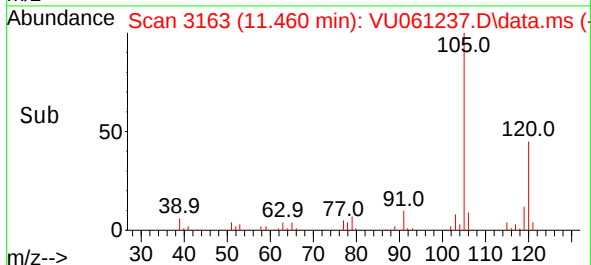
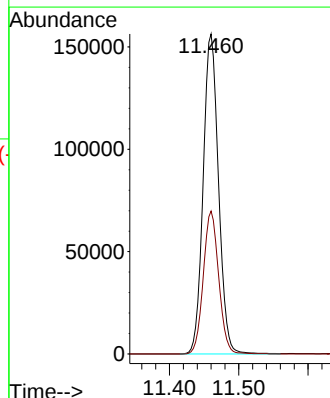
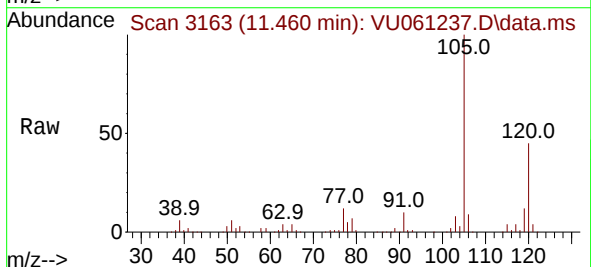
Acq: 25 Oct 2024 19:39

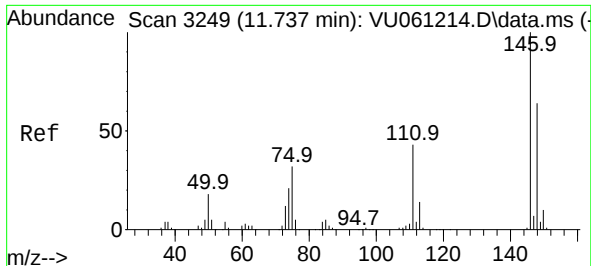
Tgt Ion:105 Resp: 240648

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.020 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

ClientSampleId :

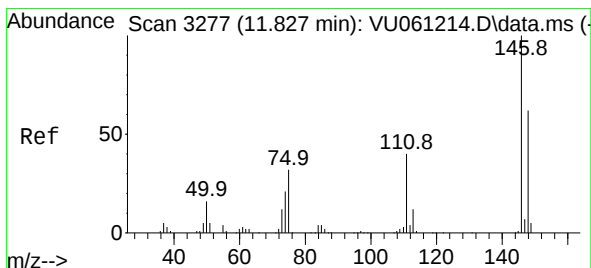
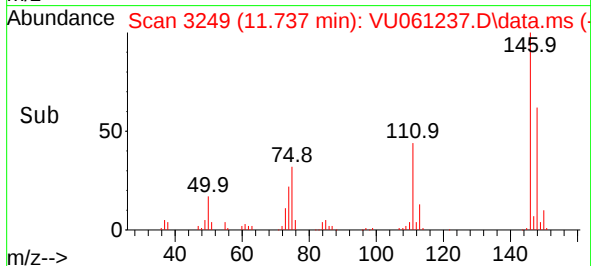
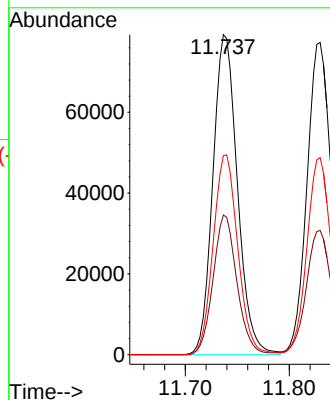
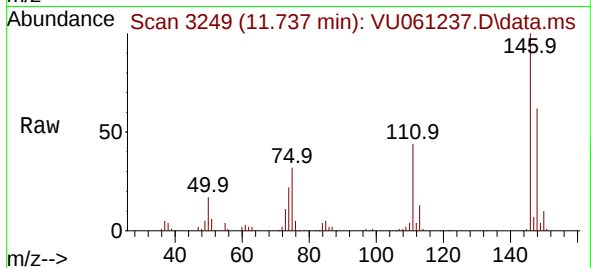
Tgt Ion:146 Resp: 130022

Ion Ratio Lower Upper

146 100

111 43.7 30.0 55.8

148 62.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.835 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

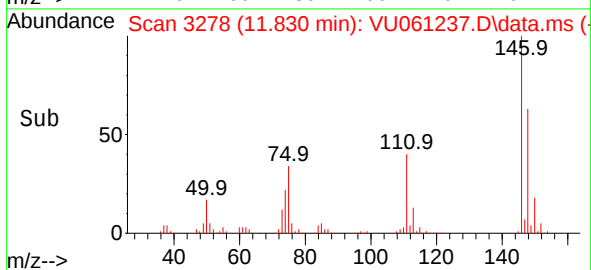
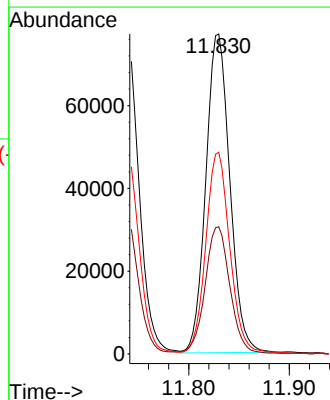
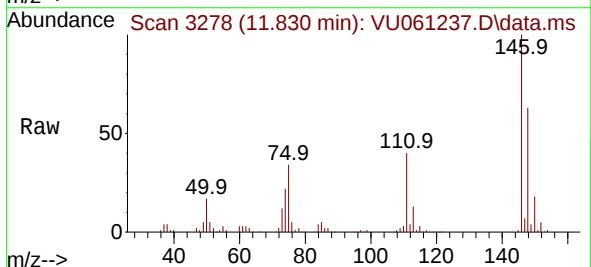
Tgt Ion:146 Resp: 127676

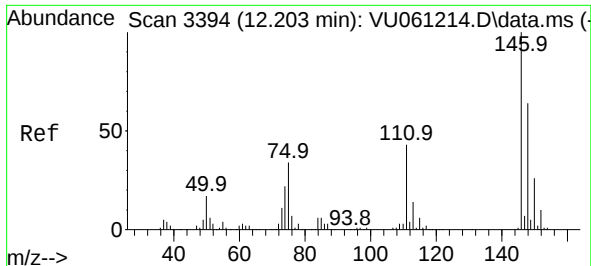
Ion Ratio Lower Upper

146 100

111 39.7 28.2 52.4

148 63.1 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.935 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

ClientSampleId :

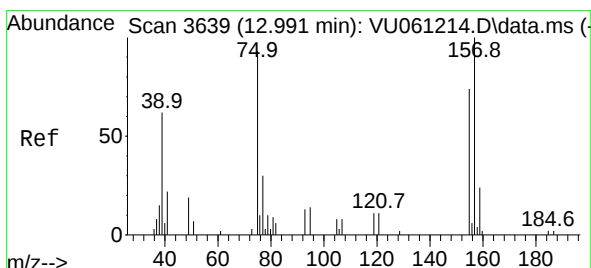
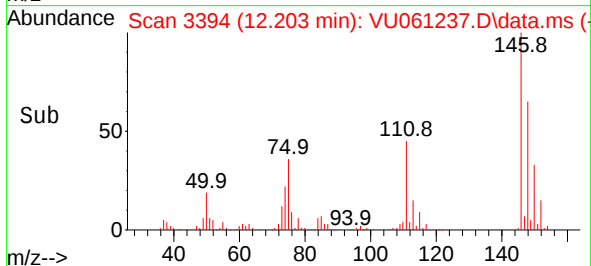
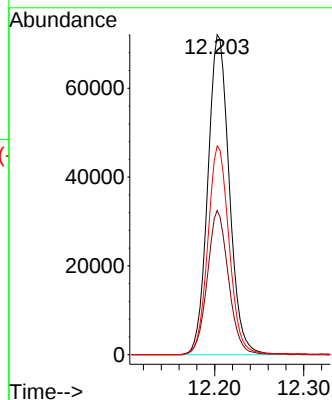
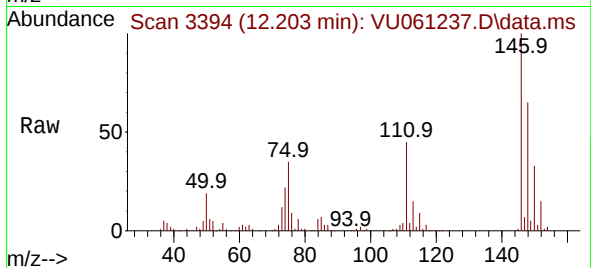
Tgt Ion:146 Resp: 120320

Ion Ratio Lower Upper

146 100

111 45.0 35.2 52.8

148 65.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.924 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

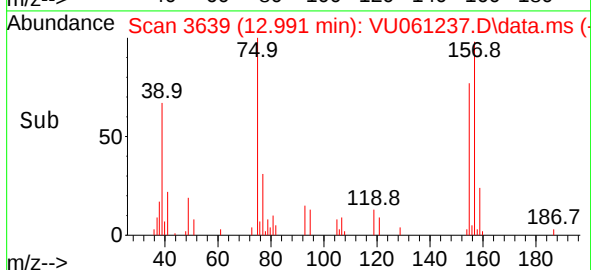
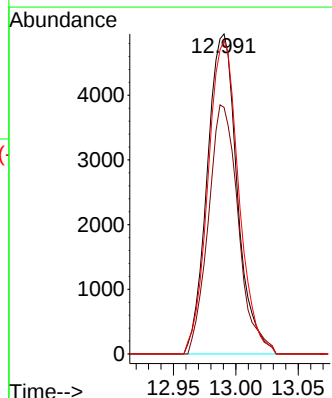
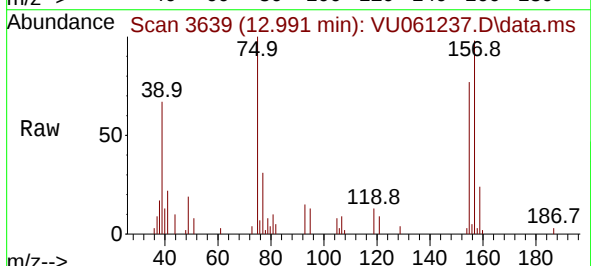
Tgt Ion: 75 Resp: 8297

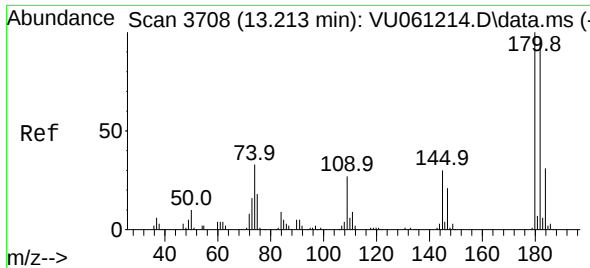
Ion Ratio Lower Upper

75 100

155 77.1 69.3 103.9

157 98.0 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.048 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 89632

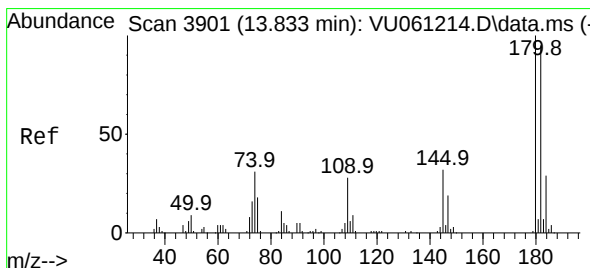
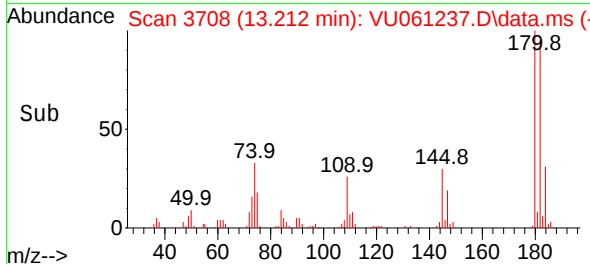
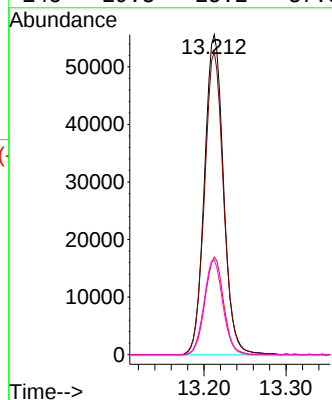
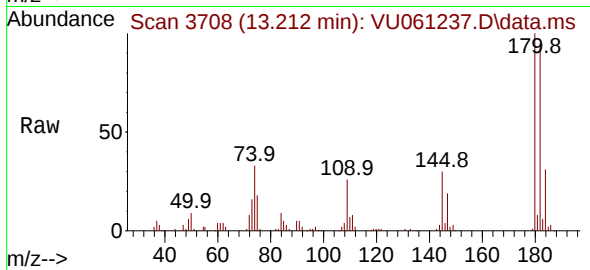
Ion Ratio Lower Upper

180 100

182 94.7 77.4 116.2

184 30.0 24.4 36.6

145 29.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.261 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061237.D

Acq: 25 Oct 2024 19:39

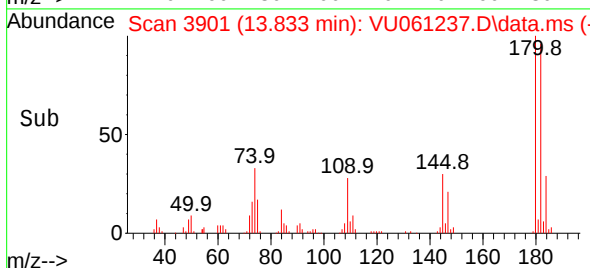
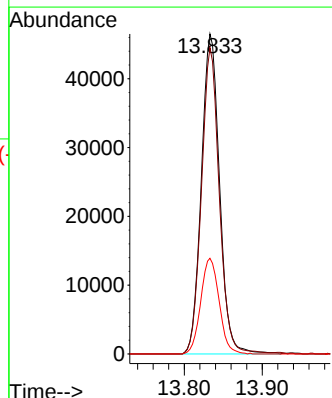
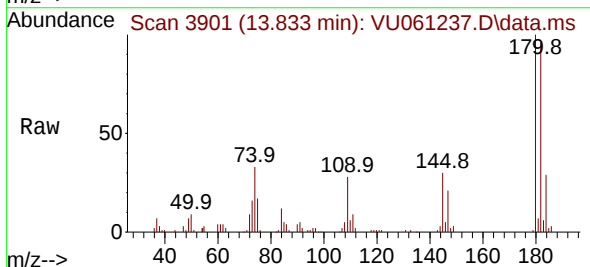
Tgt Ion:180 Resp: 75383

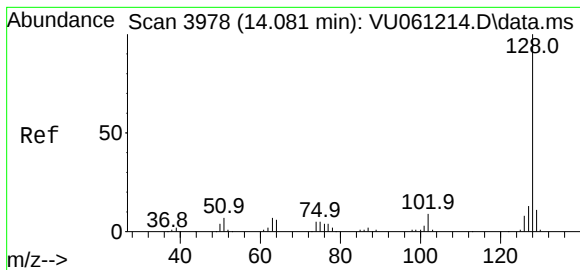
Ion Ratio Lower Upper

180 100

182 93.6 77.2 115.8

145 30.2 25.6 38.4

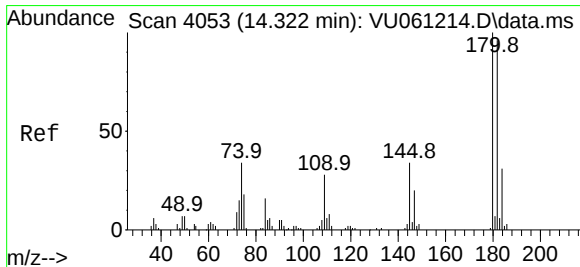
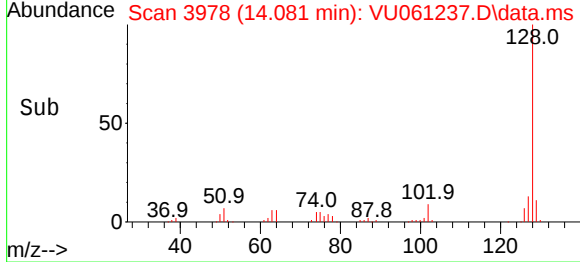
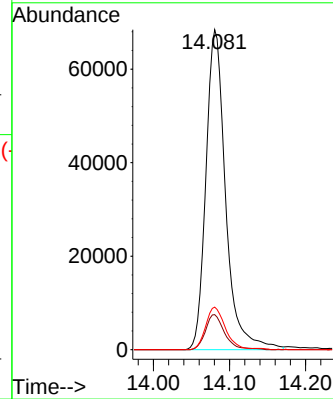
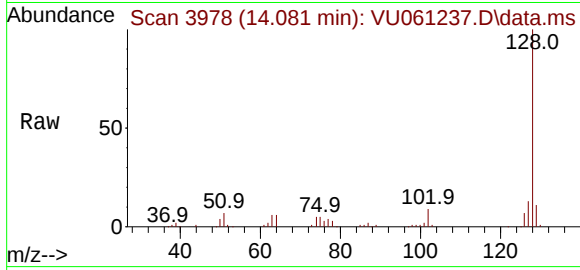




#71
Naphthalene
Concen: 5.453 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	123285
Ion Ratio	Lower	Upper
128	100	
129	10.6	9.0 13.4
127	13.2	10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.399 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061237.D
Acq: 25 Oct 2024 19:39

Tgt Ion:180	Resp:	64726
Ion Ratio	Lower	Upper
180	100	
182	93.4	76.0 114.0
145	32.4	26.5 39.7

