

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061324.D
 Acq On : 31 Oct 2024 20:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 00:03:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160189	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57903	5.321	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.911	69	55873	5.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.560	65	25042	5.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	4.624	46	123997	56.125	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.240%
24) Chloroform-d	5.055	84	118519	5.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	5.692	65	58103	5.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.718	84	240745	5.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.000%
36) 1,2-Dichloropropane-d6	6.682	67	69918	5.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.891	98	218047	5.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	8.174	79	27544	5.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.624	63	115667	54.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54302	5.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	69570	5.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54425	5.096	ug/L	99
3) Chloromethane	1.518	50	54565	4.845	ug/L	99
5) Vinyl chloride	1.599	62	61626	4.977	ug/L	97
6) Bromomethane	1.853	94	44595	5.435	ug/L	96
8) Chloroethane	1.930	64	46877	5.142	ug/L	98
9) Trichlorofluoromethane	2.133	101	86840	5.164	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49572	4.964	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47879	5.055	ug/L	95
13) Acetone	2.644	43	73001	52.169	ug/L	96
14) Carbon disulfide	2.788	76	142566	4.512	ug/L	98
15) Methyl Acetate	2.952	43	18781	5.420	ug/L	97
16) Methylene chloride	3.039	84	57648	5.165	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	137711	5.365	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	53246	5.084	ug/L	98
19) 1,1-Dichloroethane	3.862	63	105048	5.318	ug/L	99
21) 2-Butanone	4.705	43	123028	55.459	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	64218	5.368	ug/L	97
23) Bromochloromethane	4.968	128	28401	5.643	ug/L	97
25) Chloroform	5.078	83	112269	5.406	ug/L	99

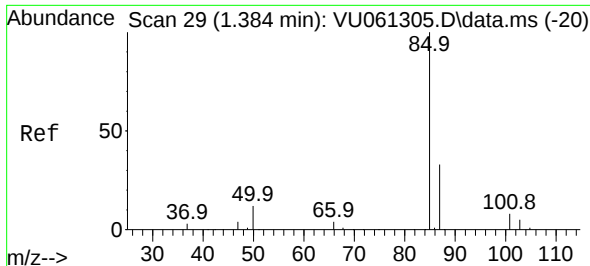
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061324.D
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 MSVOA_U
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	73365	5.590	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	94016	5.167	ug/L	99
30) Cyclohexane	5.380	56	84117	4.609	ug/L	99
31) Carbon tetrachloride	5.515	117	77305	4.965	ug/L	97
33) Benzene	5.766	78	244086	5.312	ug/L	100
34) Trichloroethene	6.534	95	64929	5.194	ug/L	98
35) Methylcyclohexane	6.753	83	91970	4.623	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63181	5.424	ug/L	100
38) Bromodichloromethane	7.097	83	79001	5.359	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	92329	5.132	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	318818	54.995	ug/L	99
42) Toluene	7.962	91	257750	5.165	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	76261	5.203	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	45768	5.460	ug/L	98
47) Tetrachloroethene	8.547	164	44739	5.124	ug/L	99
48) 2-Hexanone	8.676	43	234605	57.228	ug/L	99
49) Dibromochloromethane	8.801	129	50397	5.301	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43841	5.384	ug/L	96
51) Chlorobenzene	9.441	112	166806	5.288	ug/L	99
52) Ethylbenzene	9.563	91	279378	5.090	ug/L	99
53) m,p-Xylene	9.688	106	108045	5.167	ug/L	100
54) o-Xylene	10.094	106	106730	5.171	ug/L	99
55) Styrene	10.106	104	175196	5.295	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	56157	5.560	ug/L	99
59) Bromoform	10.283	173	26602	5.052	ug/L	96
60) Isopropylbenzene	10.476	105	277636	5.109	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38995	5.503	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	222445	5.028	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	218921	5.006	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	121590	5.317	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	122089	5.237	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	115337	5.358	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7758	5.214	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	83575	5.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	68685	5.429	ug/L	99
71) Naphthalene	14.081	128	114504	5.736	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60481	5.714	ug/L	98

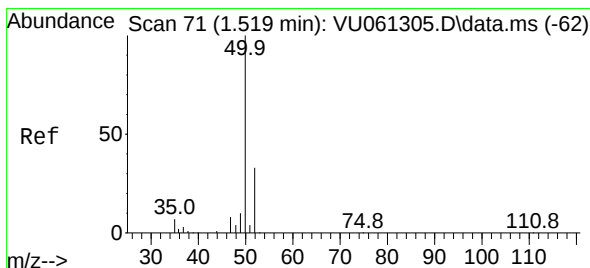
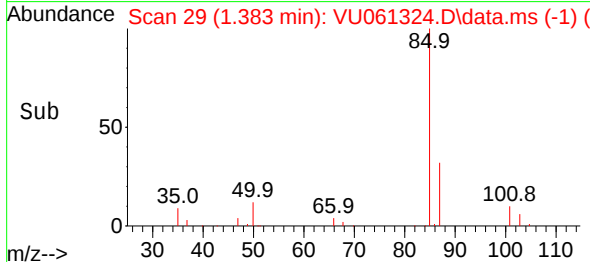
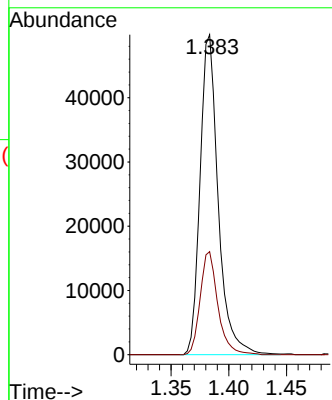
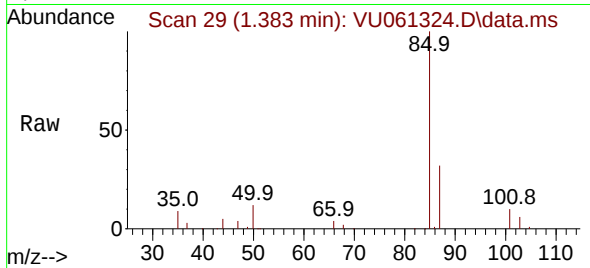
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.096 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

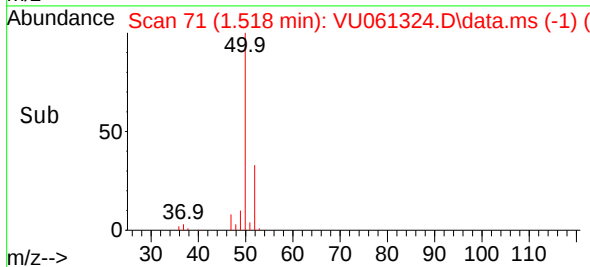
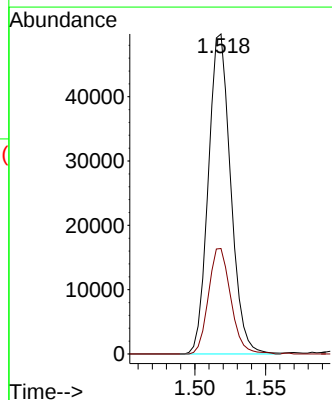
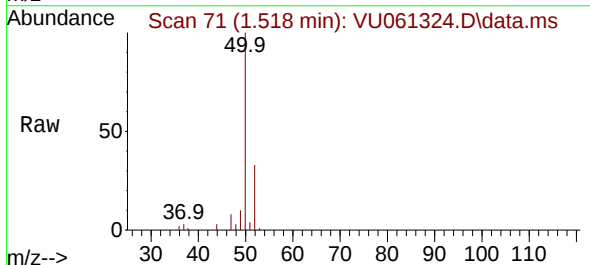
Instrument :
 MSVOA_U
 ClientSampleId :

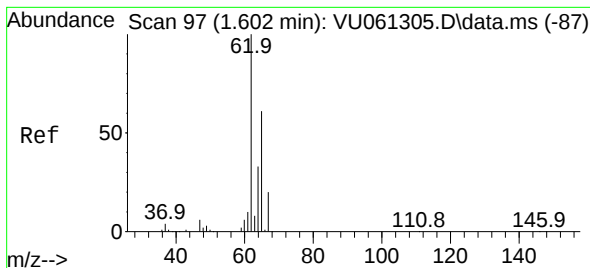
Tgt Ion: 85 Resp: 54425
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.845 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

Tgt Ion: 50 Resp: 54565
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.977 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

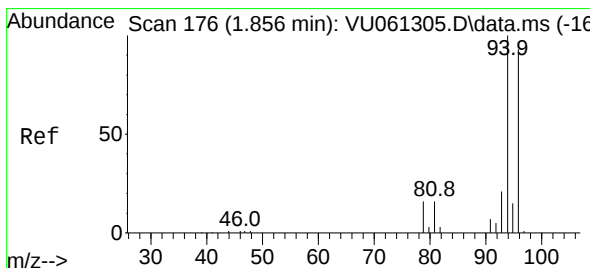
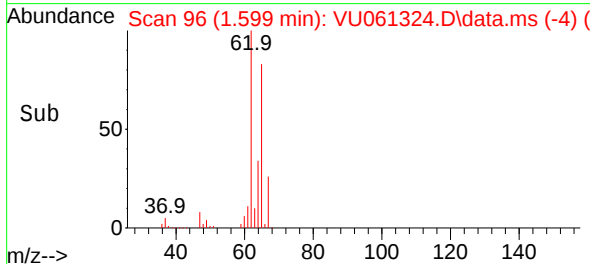
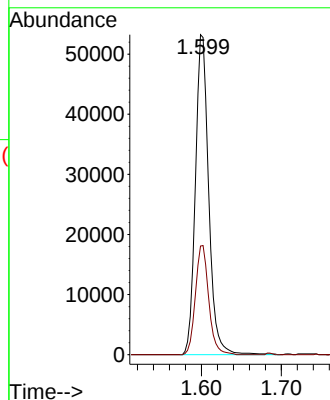
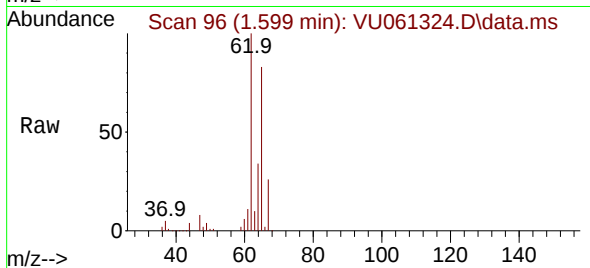
ClientSampleId :

Tgt Ion: 62 Resp: 61626

Ion Ratio Lower Upper

62 100

64 34.0 22.6 42.0



#6

Bromomethane

Concen: 5.435 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061324.D

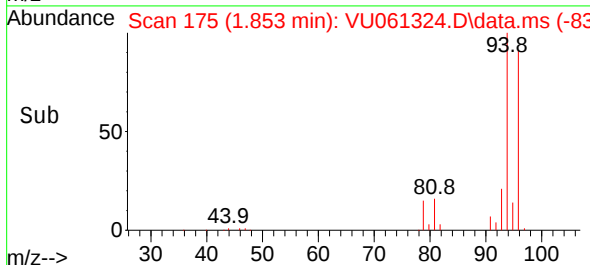
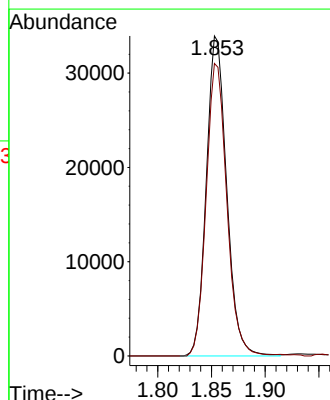
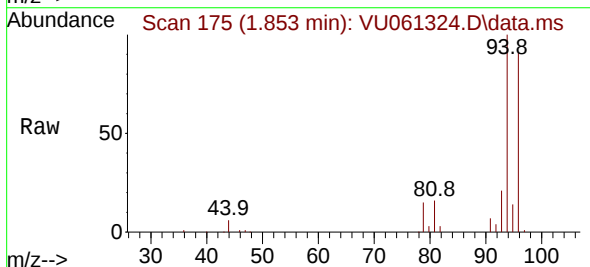
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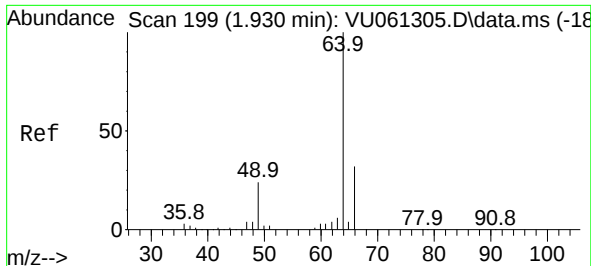
Tgt Ion: 94 Resp: 44595

Ion Ratio Lower Upper

94 100

96 91.4 66.9 124.3

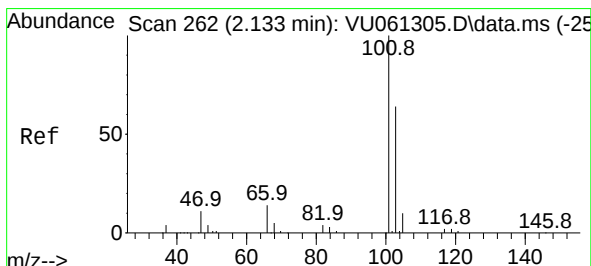
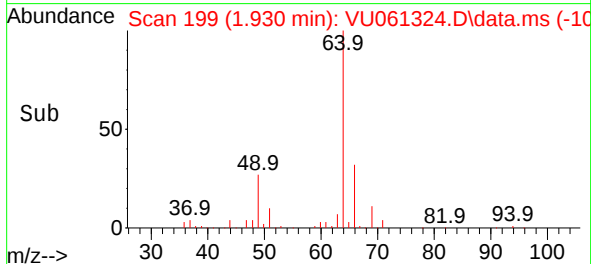
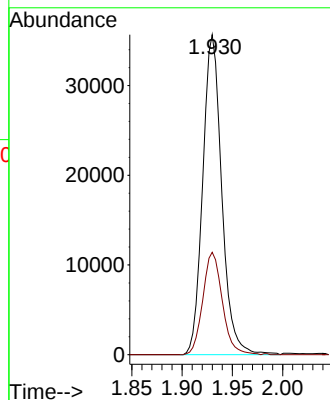
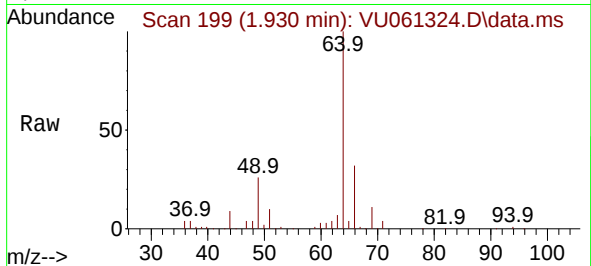




#8
Chloroethane
Concen: 5.142 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

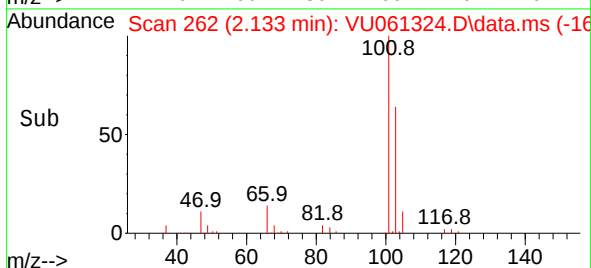
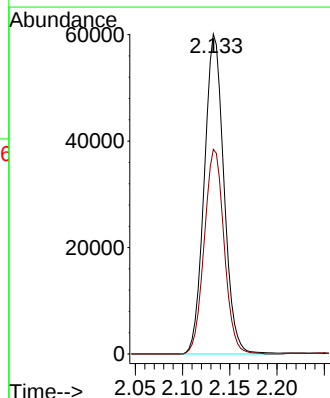
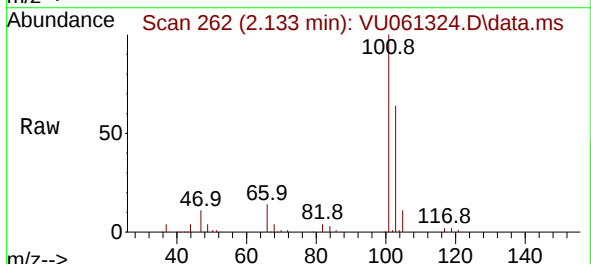
Instrument :
MSVOA_U
ClientSampleId :

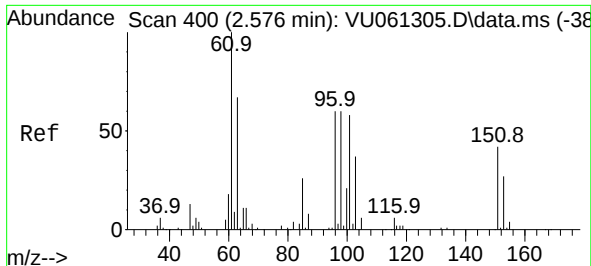
Tgt Ion: 64 Resp: 46877
Ion Ratio Lower Upper
64 100
66 32.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.164 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion:101 Resp: 86840
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

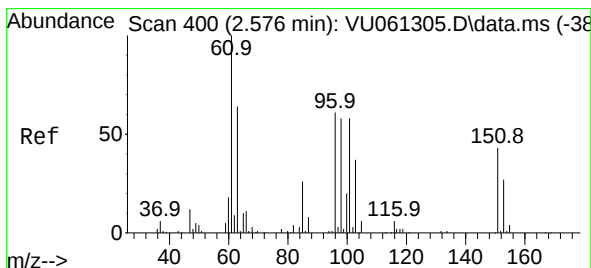
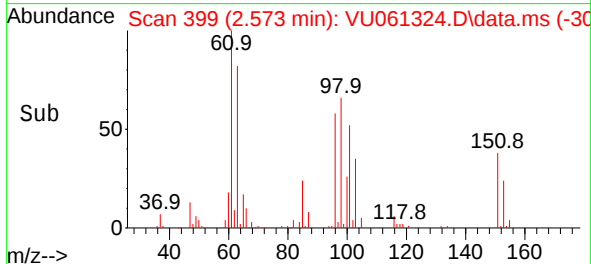
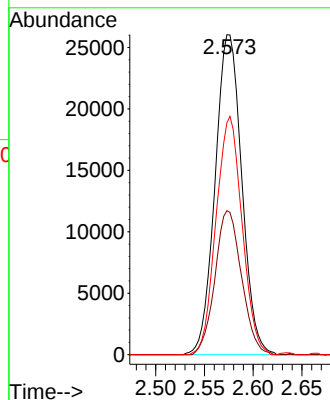
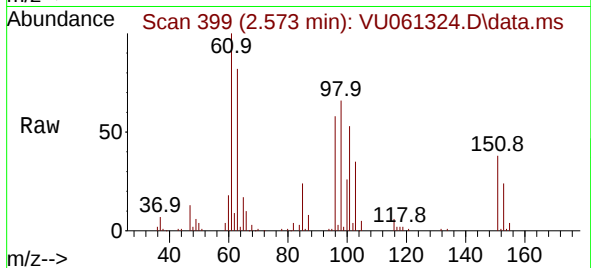




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.964 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

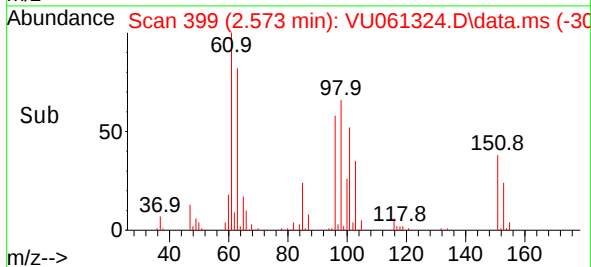
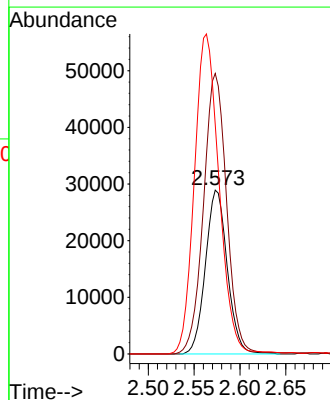
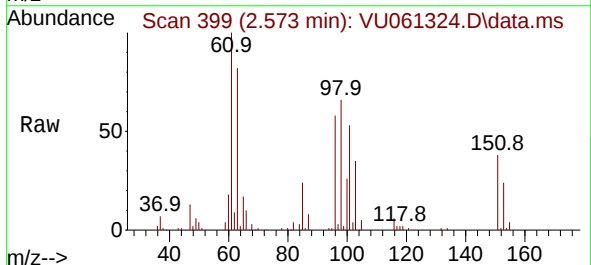
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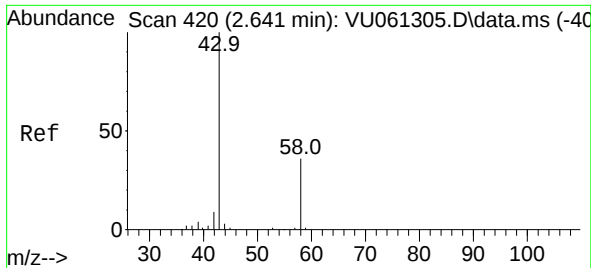
Tgt Ion:101 Resp: 49572
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.6 53.4
 151 72.6 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 5.055 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

Tgt Ion: 96 Resp: 47879
 Ion Ratio Lower Upper
 96 100
 61 171.1 119.1 221.1
 63 140.0 89.4 166.0





#13

Acetone

Concen: 52.169 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

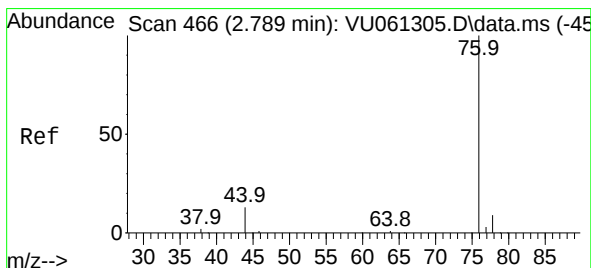
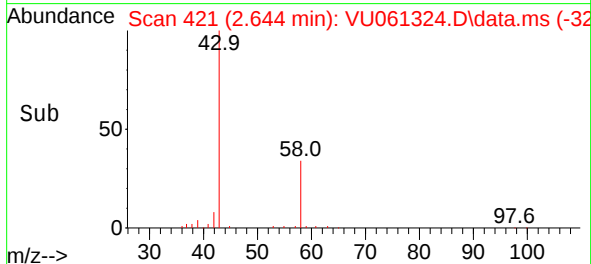
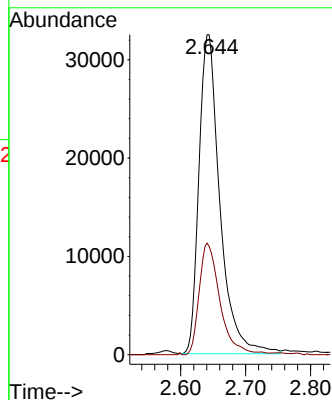
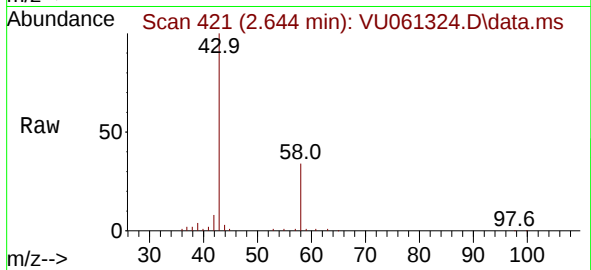
ClientSampleId :

Tgt Ion: 43 Resp: 73001

Ion Ratio Lower Upper

43 100

58 34.3 0.0 73.2



#14

Carbon disulfide

Concen: 4.512 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061324.D

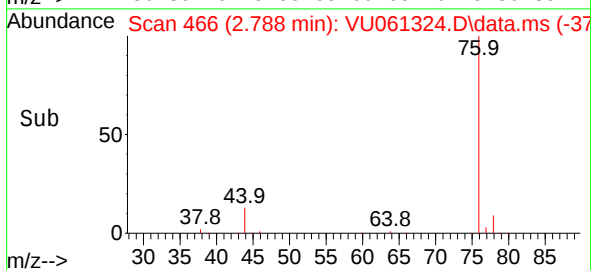
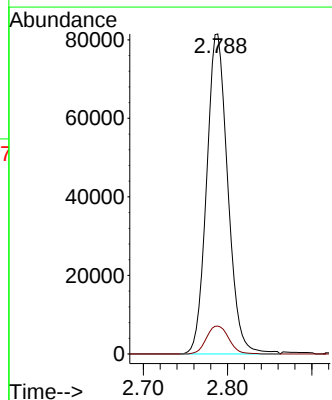
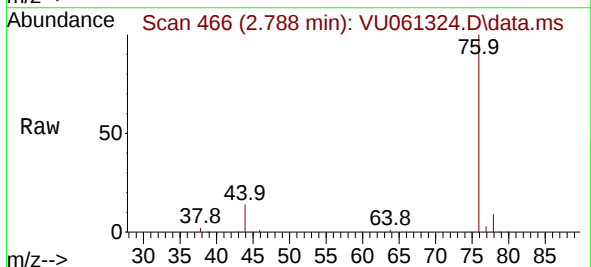
Acq: 31 Oct 2024 20:45

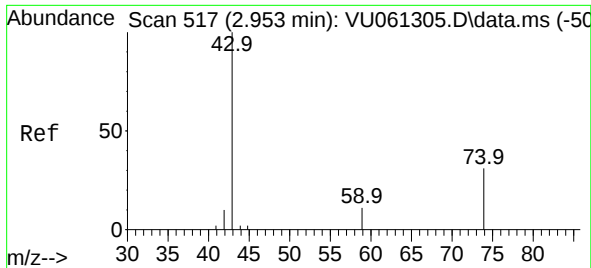
Tgt Ion: 76 Resp: 142566

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

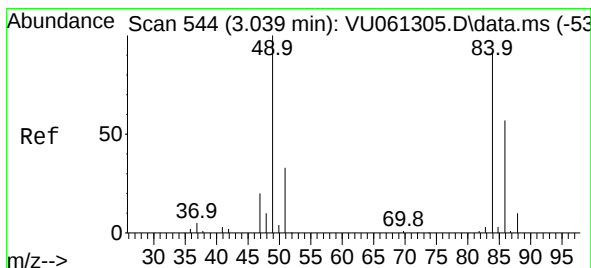
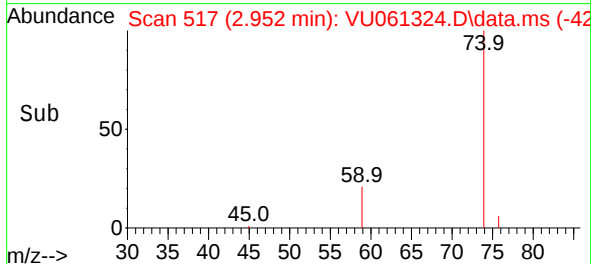
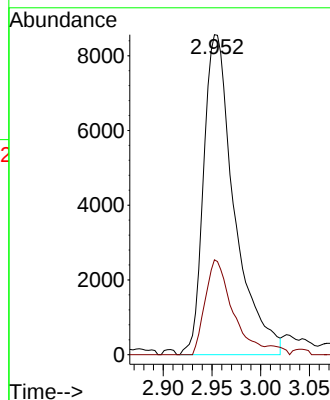
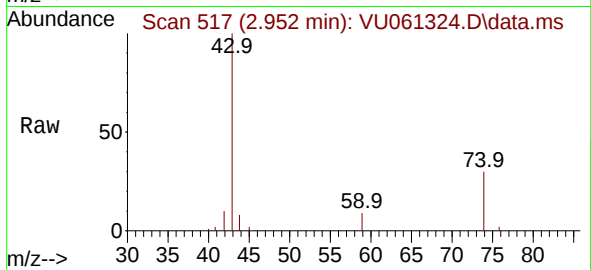




#15
Methyl Acetate
Concen: 5.420 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

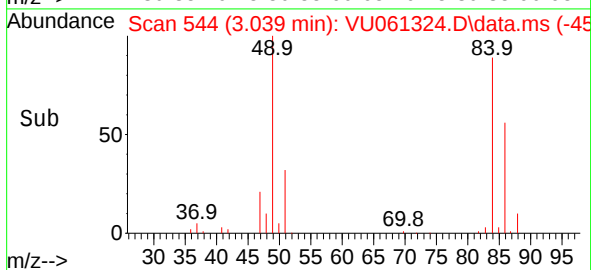
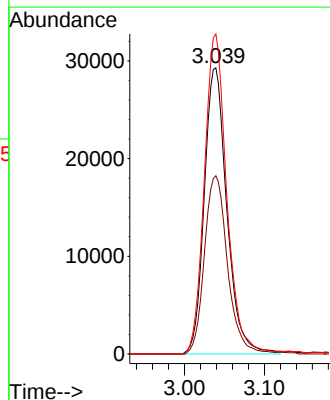
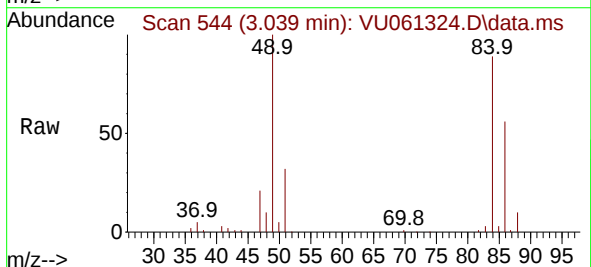
Instrument :
MSVOA_U
ClientSampleId :

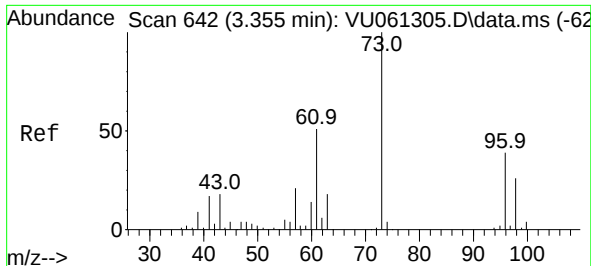
Tgt Ion: 43 Resp: 18781
Ion Ratio Lower Upper
43 100
74 26.2 22.2 33.4



#16
Methylene chloride
Concen: 5.165 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion: 84 Resp: 57648
Ion Ratio Lower Upper
84 100
86 62.3 43.5 80.7
49 111.9 75.7 140.7

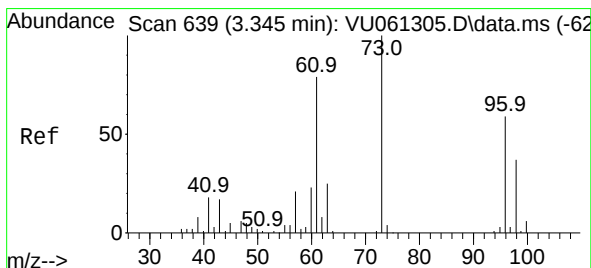
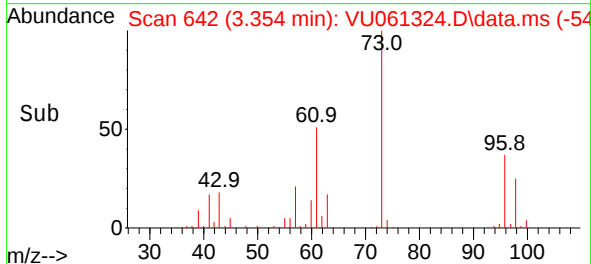
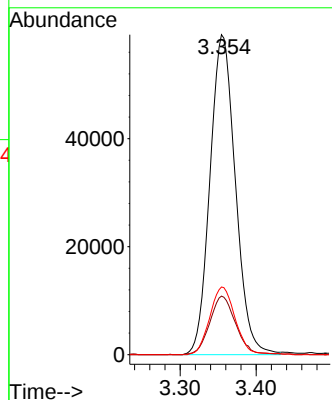
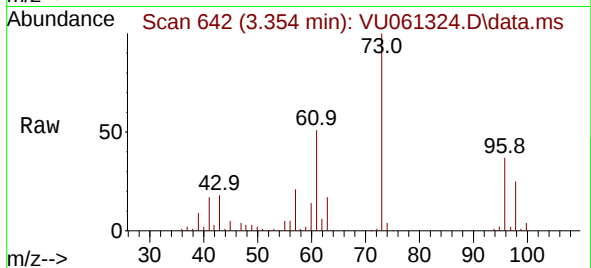




#17
Methyl tert-butyl Ether
Concen: 5.365 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

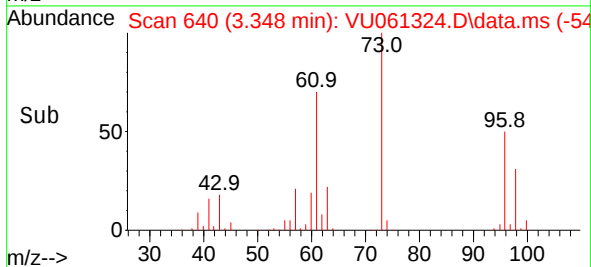
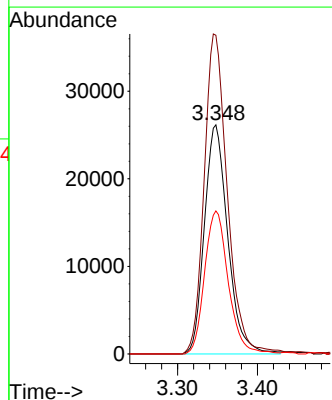
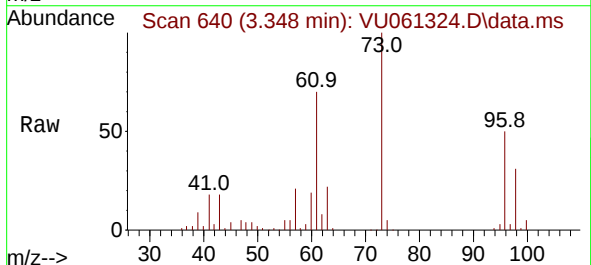
Instrument :
MSVOA_U
ClientSampleId :

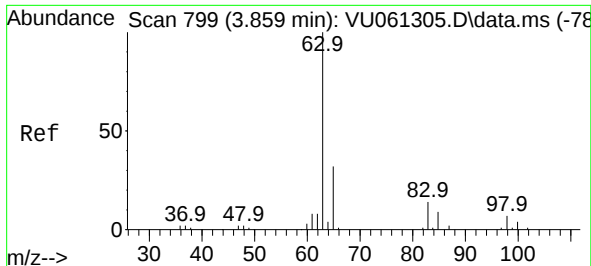
Tgt Ion: 73 Resp: 137711
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.4
57 21.2 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.084 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion: 96 Resp: 53246
Ion Ratio Lower Upper
96 100
61 139.1 97.9 181.7
98 62.4 46.2 85.8

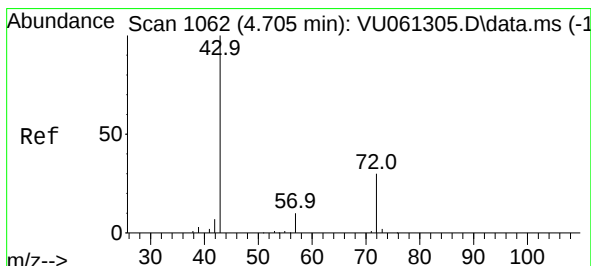
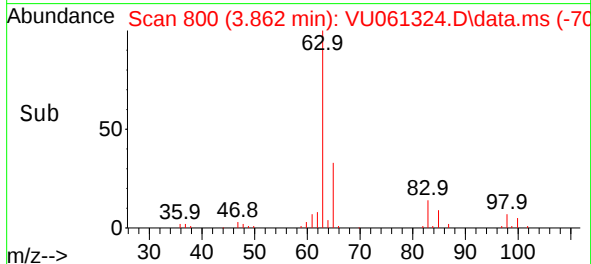
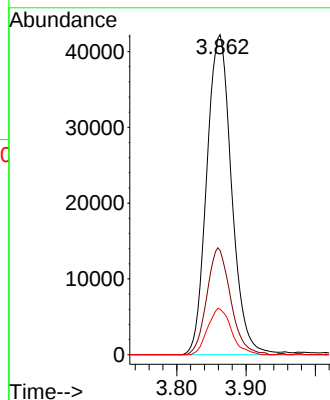
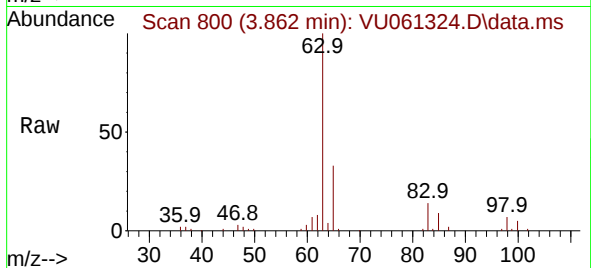




#19
1,1-Dichloroethane
Concen: 5.318 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

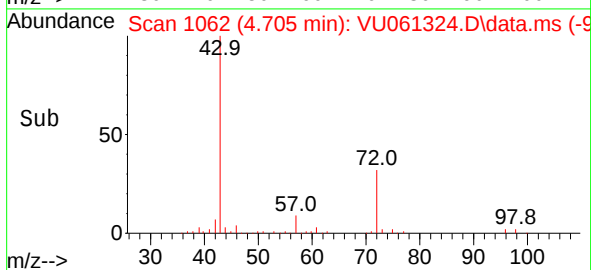
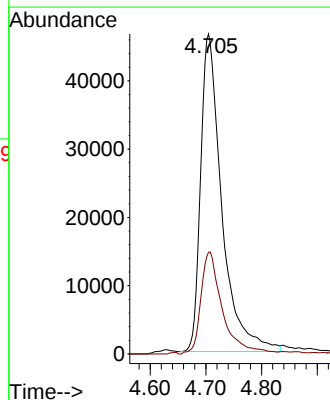
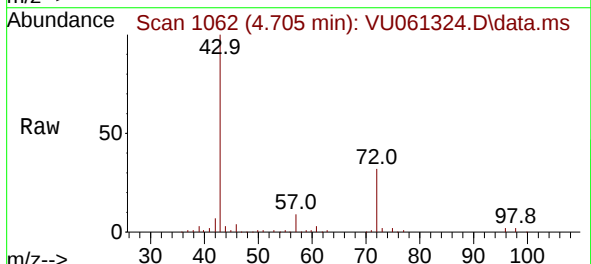
Instrument :
MSVOA_U
ClientSampleId :

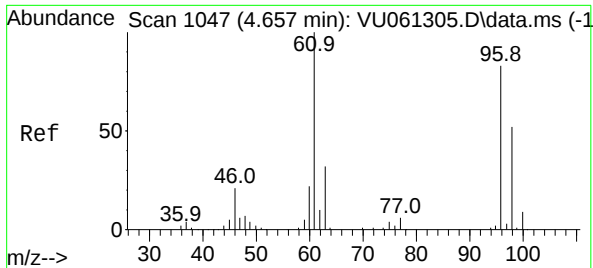
Tgt Ion: 63 Resp: 105048
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.6
83 14.2 9.7 17.9



#21
2-Butanone
Concen: 55.459 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion: 43 Resp: 123028
Ion Ratio Lower Upper
43 100
72 32.5 15.9 47.6

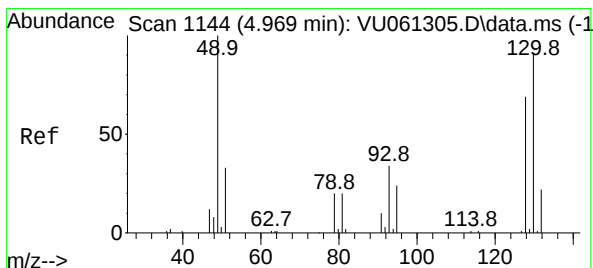
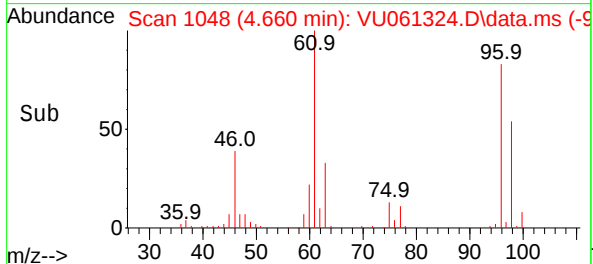
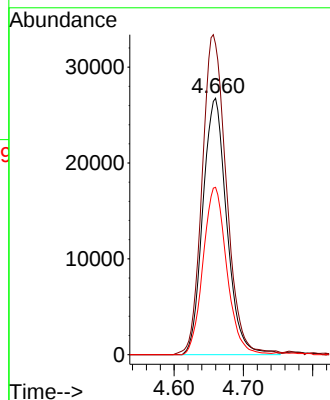
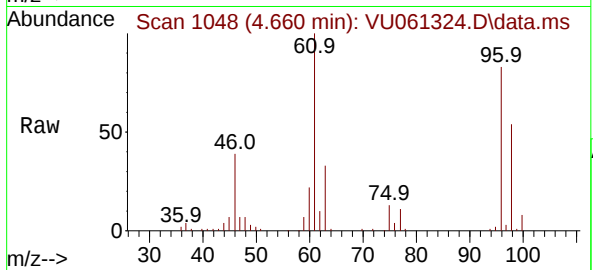




#22
 cis-1,2-Dichloroethene
 Concen: 5.368 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

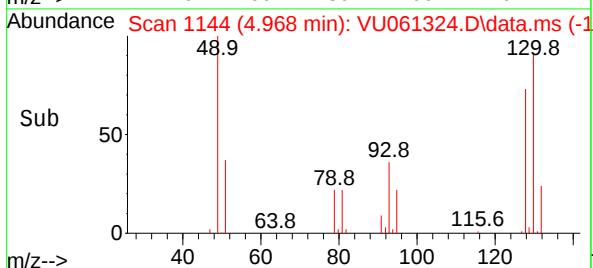
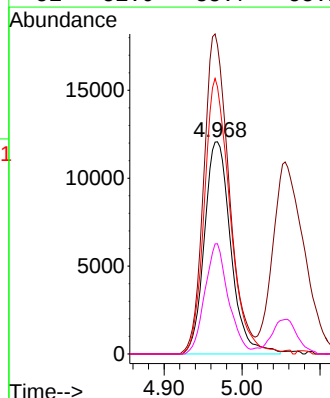
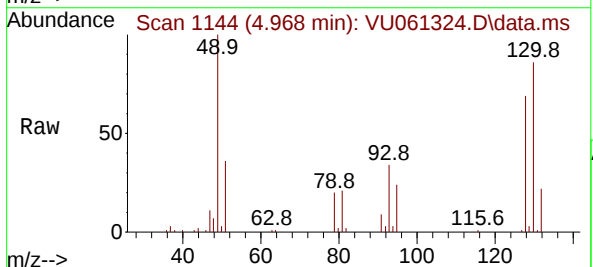
Instrument :
 MSVOA_U
 ClientSampleId :

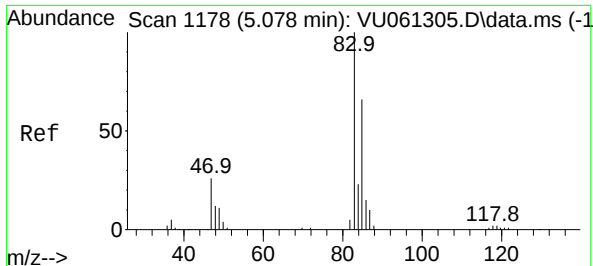
Tgt Ion: 96 Resp: 64218
 Ion Ratio Lower Upper
 96 100
 61 121.1 88.1 163.5
 98 65.2 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.643 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

Tgt Ion:128 Resp: 28401
 Ion Ratio Lower Upper
 128 100
 49 145.5 105.1 195.1
 130 125.8 89.6 166.4
 51 51.9 38.7 58.1





#25

Chloroform

Concen: 5.406 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

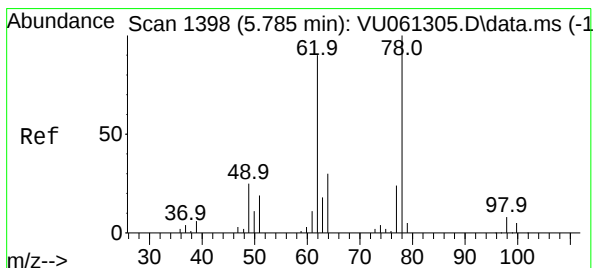
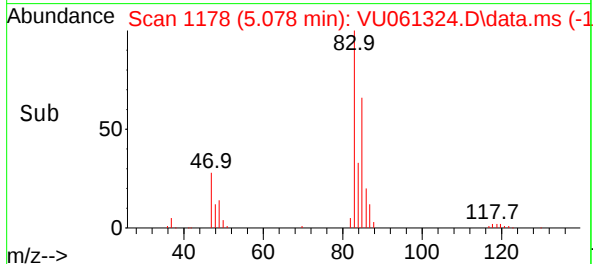
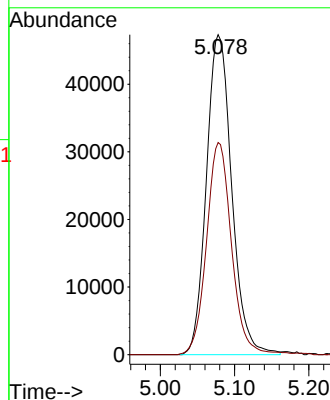
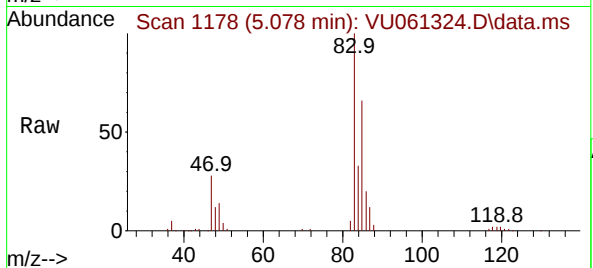
ClientSampleId :

Tgt Ion: 83 Resp: 112269

Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.590 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061324.D

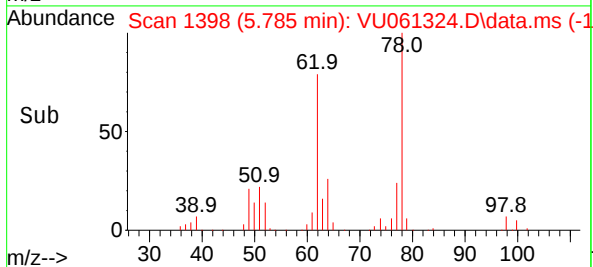
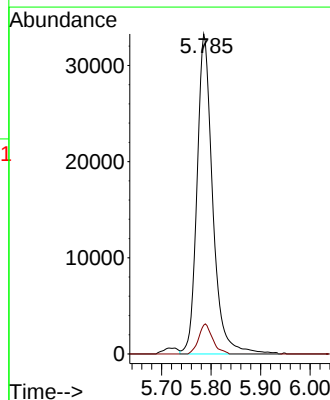
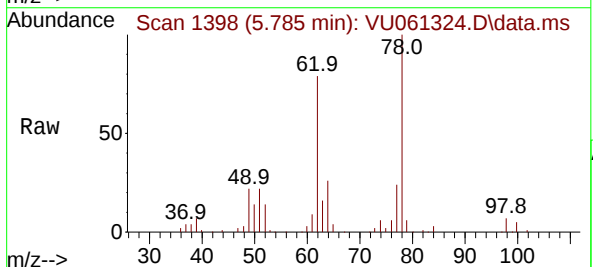
Acq: 31 Oct 2024 20:45

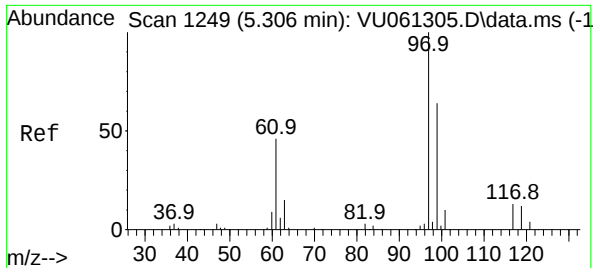
Tgt Ion: 62 Resp: 73365

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

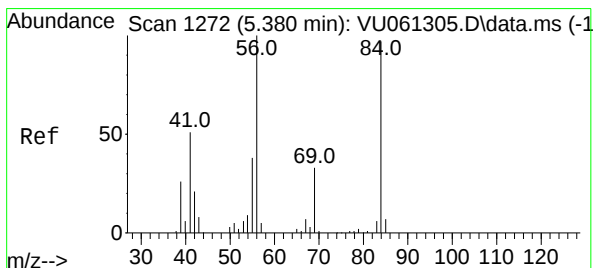
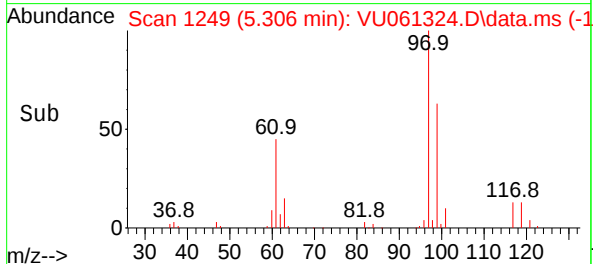
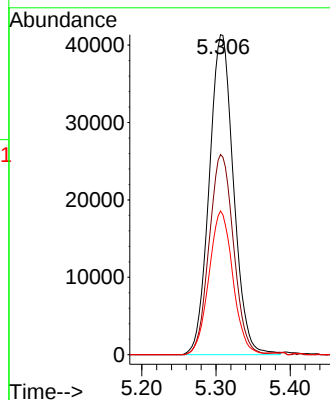
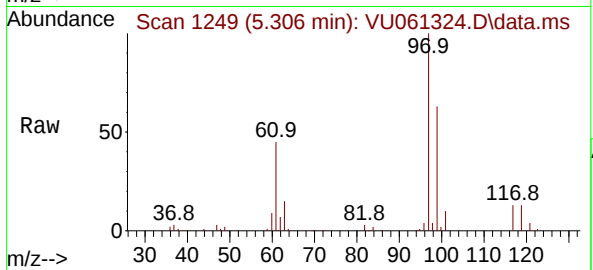




#29
1,1,1-Trichloroethane
Concen: 5.167 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

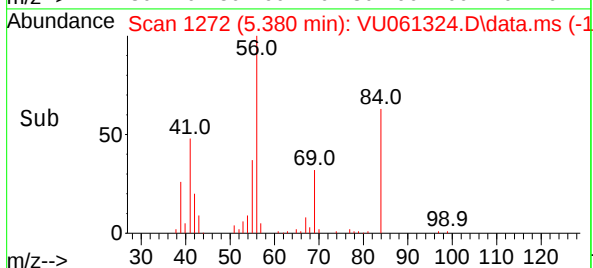
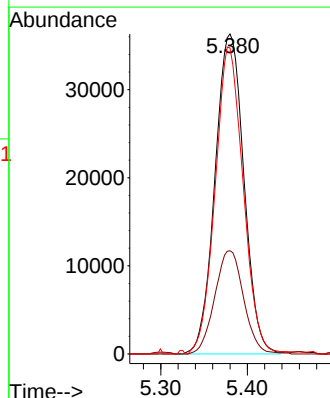
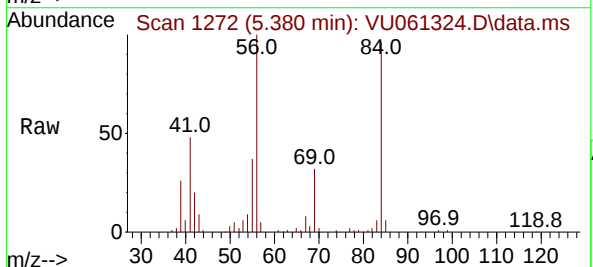
Instrument :
MSVOA_U
ClientSampleId :

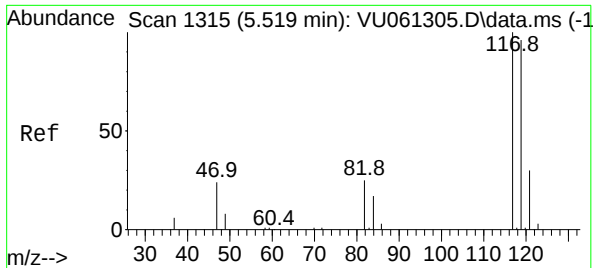
Tgt Ion: 97 Resp: 94016
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 44.3 36.1 54.1



#30
Cyclohexane
Concen: 4.609 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion: 56 Resp: 84117
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.6
84 93.4 73.9 110.9

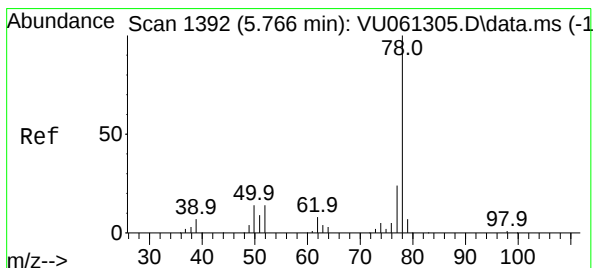
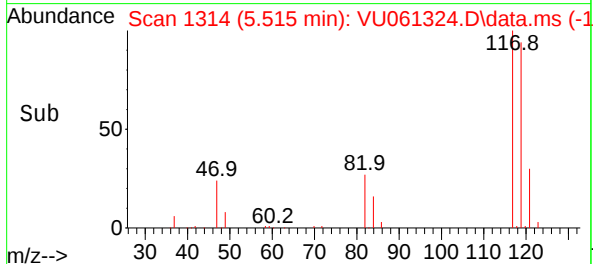
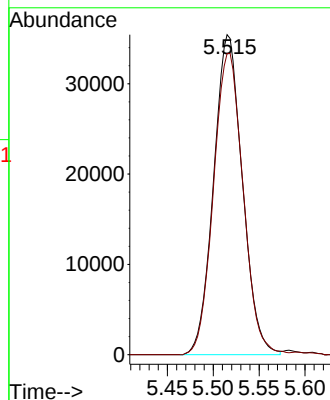
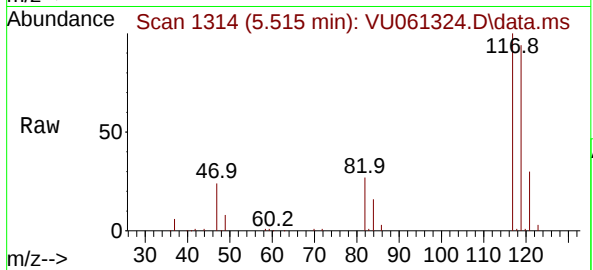




#31
Carbon tetrachloride
Concen: 4.965 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

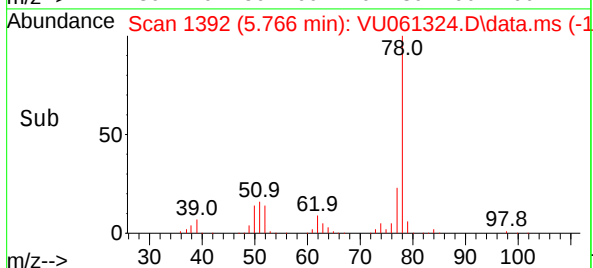
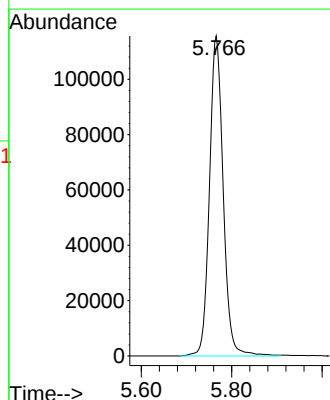
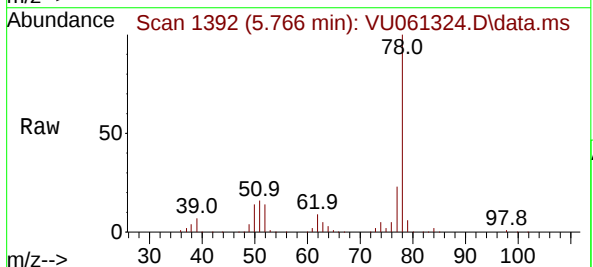
Instrument :
MSVOA_U
ClientSampleId :

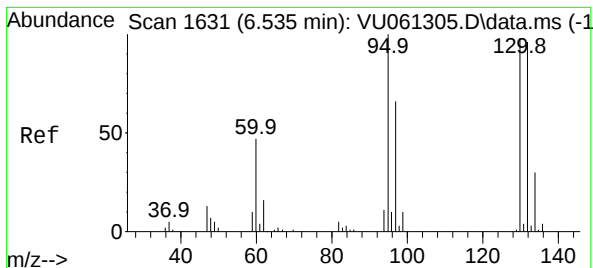
Tgt Ion:117 Resp: 77305
Ion Ratio Lower Upper
117 100
119 96.9 75.5 113.3



#33
Benzene
Concen: 5.312 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion: 78 Resp: 244086





#34

Trichloroethene

Concen: 5.194 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 64929

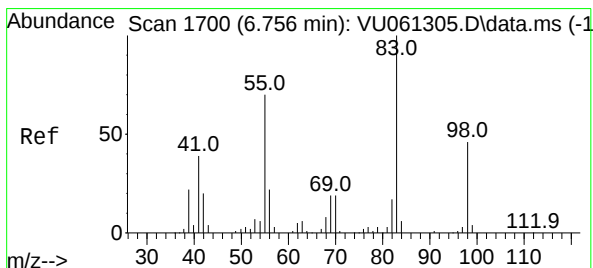
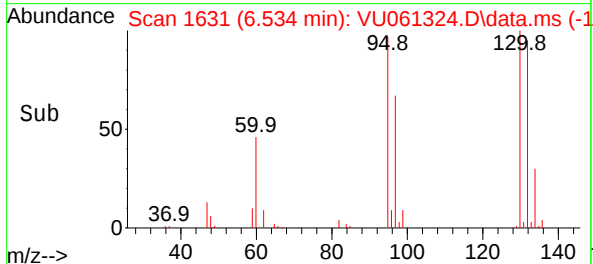
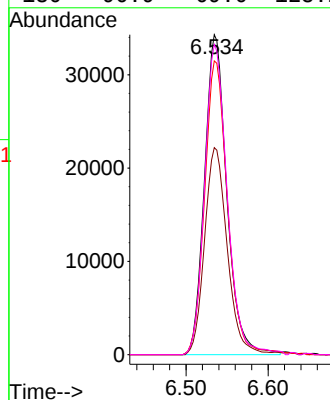
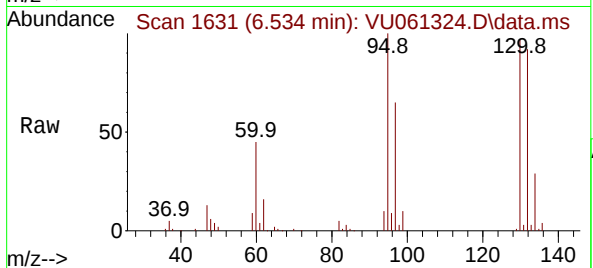
Ion Ratio Lower Upper

95 100

97 64.7 46.1 85.7

132 91.8 66.1 122.7

130 96.9 69.0 128.2



#35

Methylcyclohexane

Concen: 4.623 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

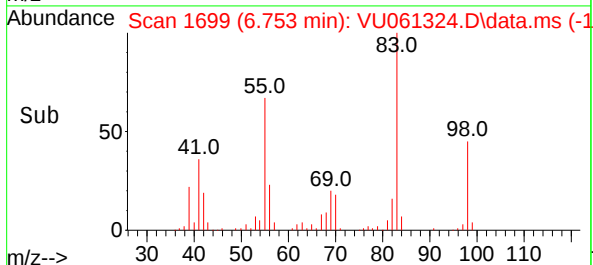
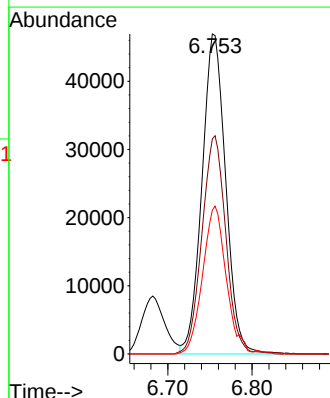
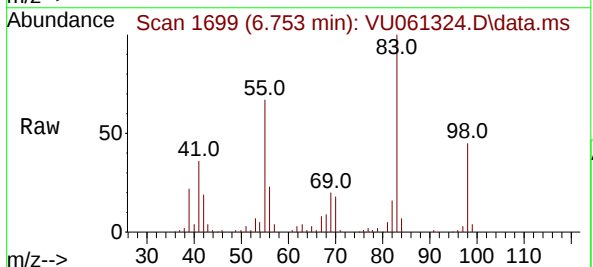
Tgt Ion: 83 Resp: 91970

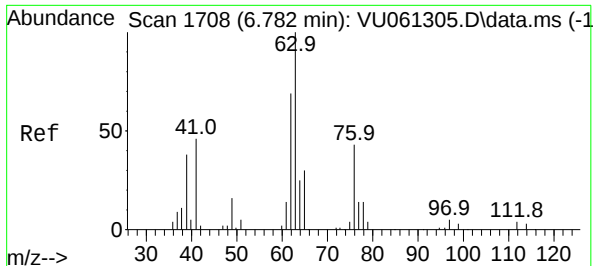
Ion Ratio Lower Upper

83 100

55 68.9 55.9 83.9

98 45.8 35.9 53.9

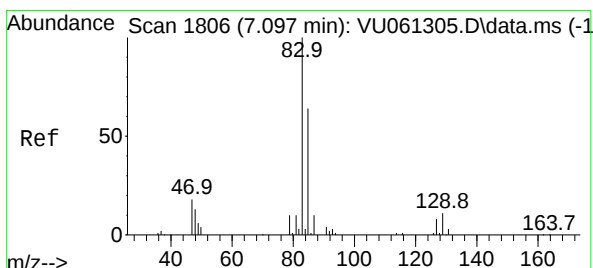
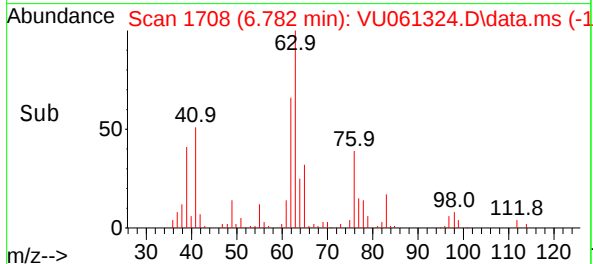
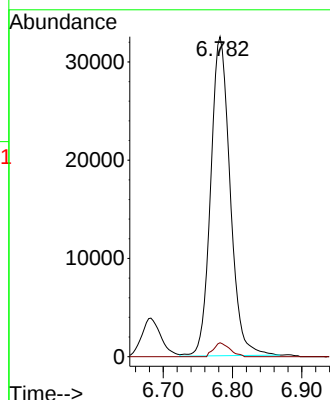
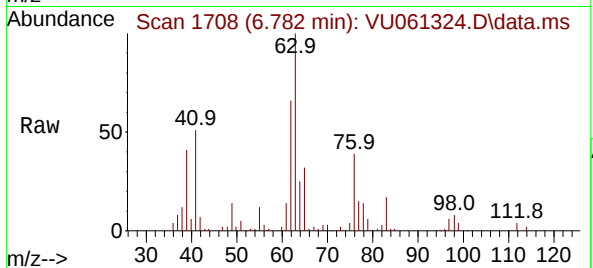




#37
1,2-Dichloropropane
Concen: 5.424 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

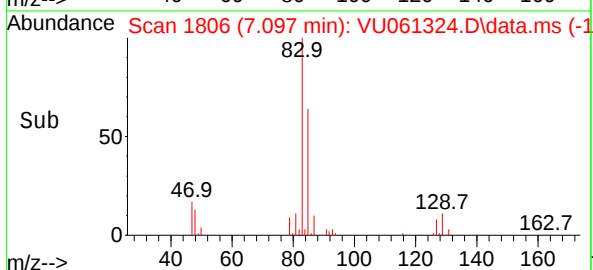
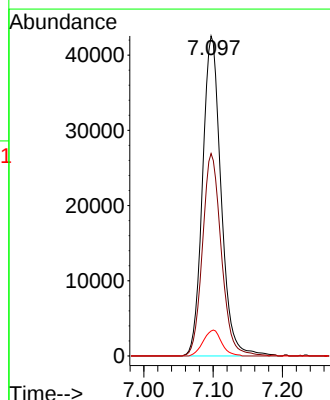
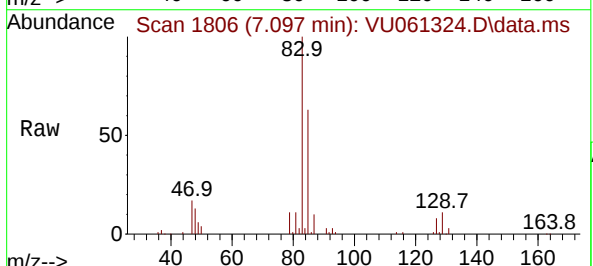
Instrument :
MSVOA_U
ClientSampleId :

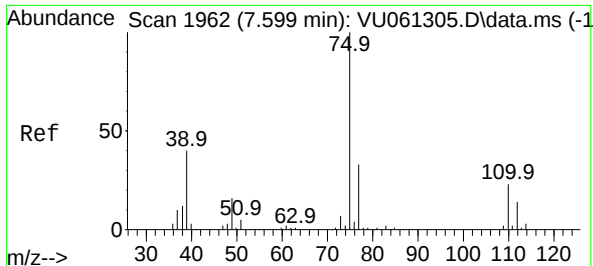
Tgt Ion: 63 Resp: 63181
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.359 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion: 83 Resp: 79001
Ion Ratio Lower Upper
83 100
85 63.3 43.8 81.4
127 7.8 7.4 11.0

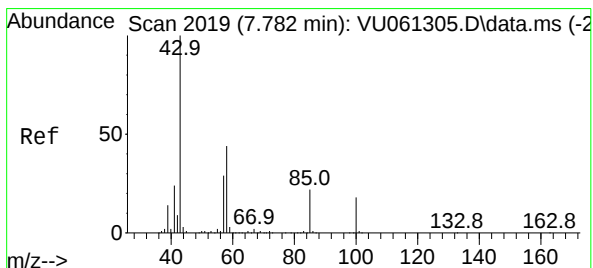
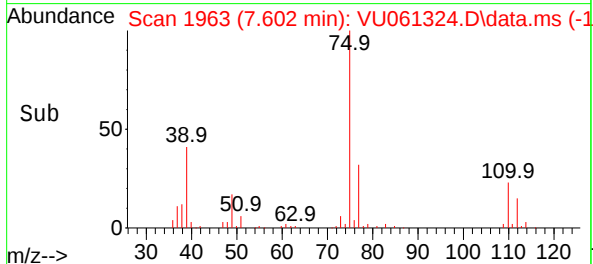
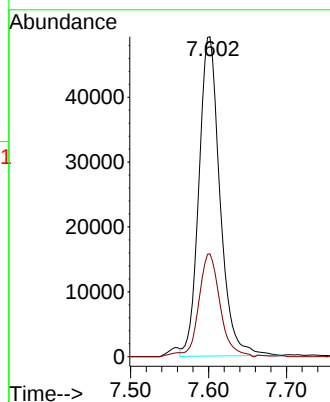
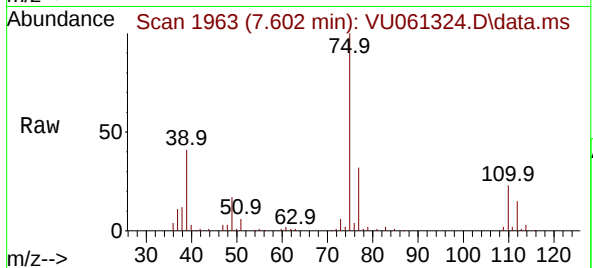




#39
 cis-1,3-Dichloropropene
 Concen: 5.132 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

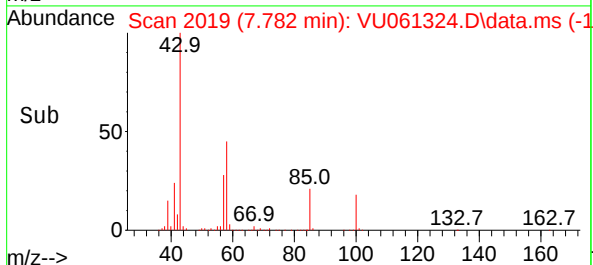
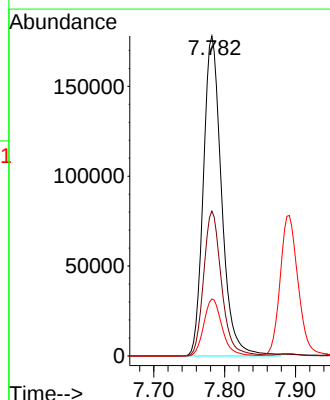
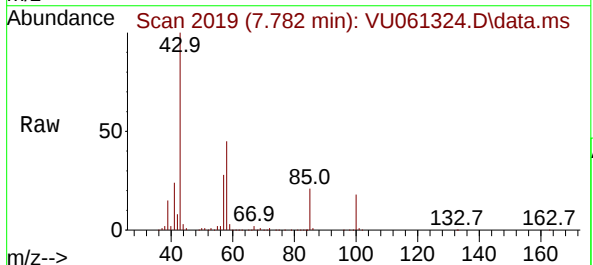
Instrument :
 MSVOA_U
 ClientSampleId :

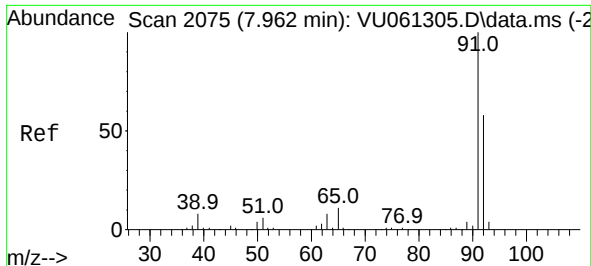
Tgt Ion: 75 Resp: 92329
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 54.995 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061324.D
 Acq: 31 Oct 2024 20:45

Tgt Ion: 43 Resp: 318818
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.1 52.7
 100 17.9 14.0 21.0





#42

Toluene

Concen: 5.165 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

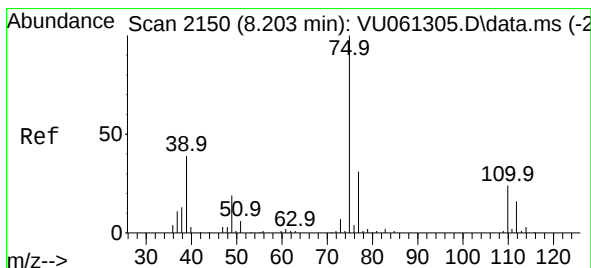
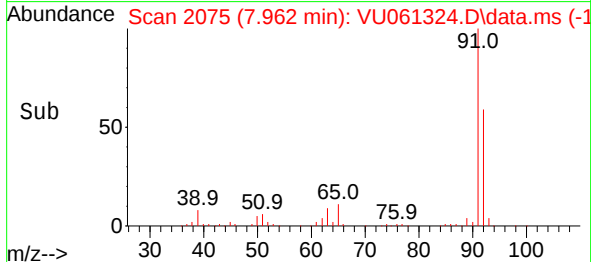
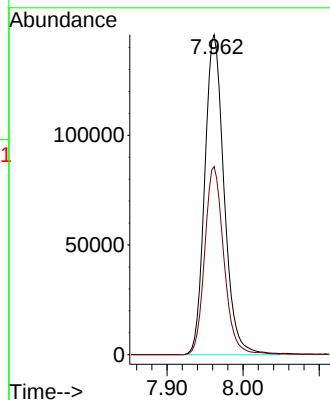
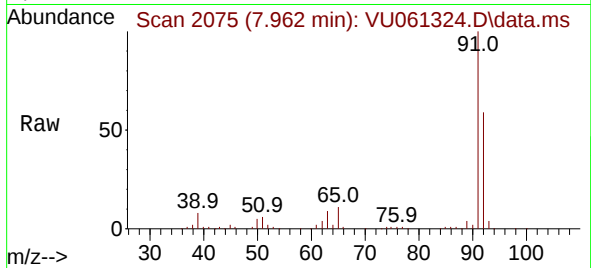
ClientSampleId :

Tgt Ion: 91 Resp: 257750

Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.203 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061324.D

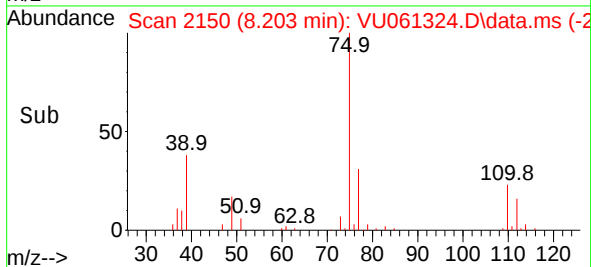
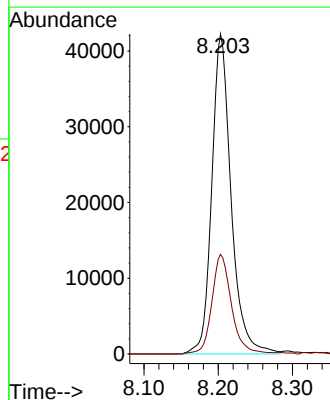
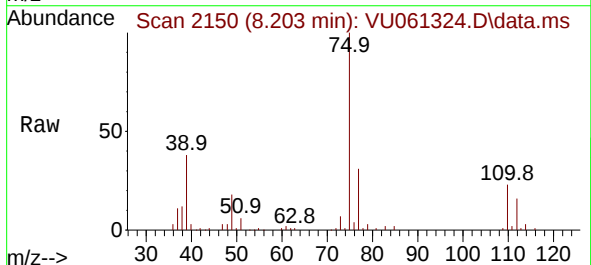
Acq: 31 Oct 2024 20:45

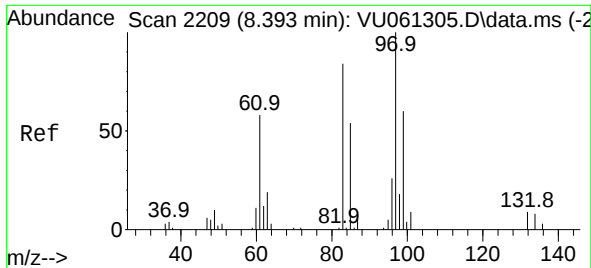
Tgt Ion: 75 Resp: 76261

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8

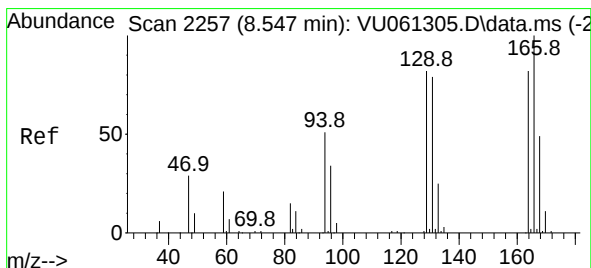
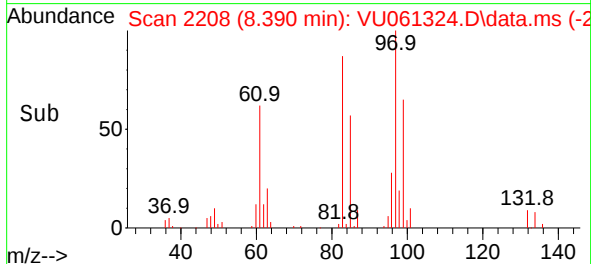
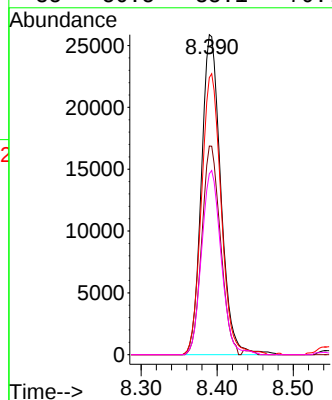
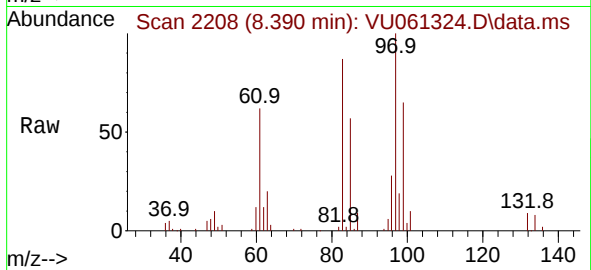




#45
1,1,2-Trichloroethane
Concen: 5.460 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

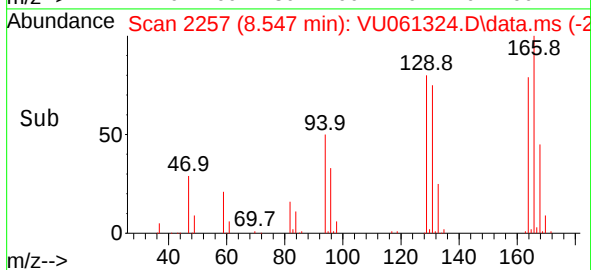
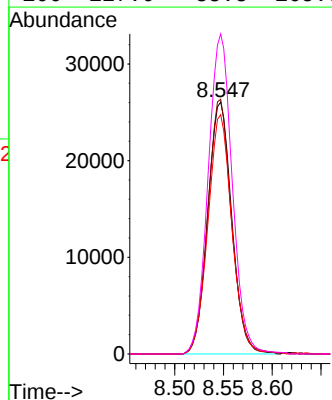
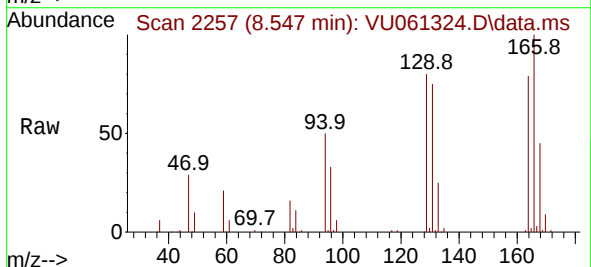
Instrument :
MSVOA_U
ClientSampleId :

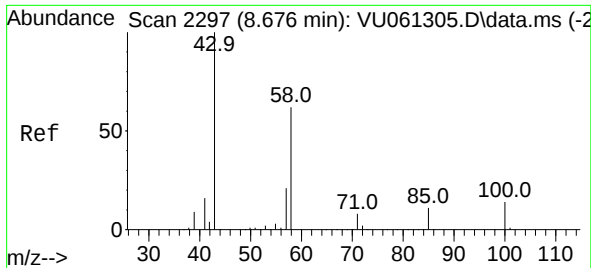
Tgt Ion:	97	Resp:	45768
Ion	Ratio	Lower	Upper
97	100		
99	65.2	44.1	81.9
83	86.6	61.2	113.6
85	56.5	38.1	70.7



#47
Tetrachloroethene
Concen: 5.124 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

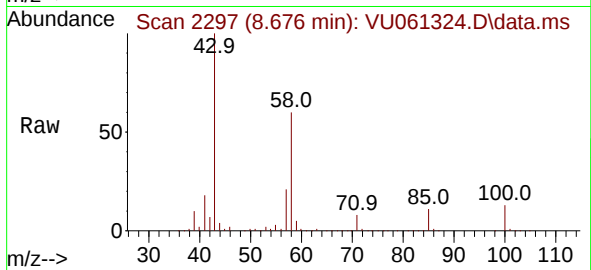
Tgt Ion:	164	Resp:	44739
Ion	Ratio	Lower	Upper
164	100		
129	101.1	69.9	129.7
131	95.0	68.3	126.8
166	127.0	88.8	165.0



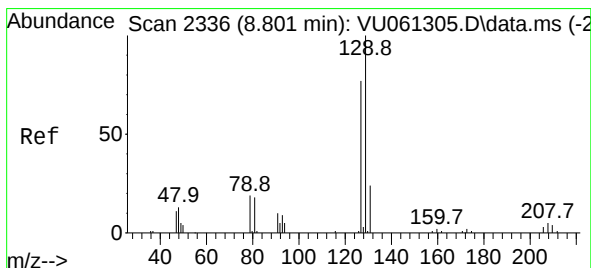
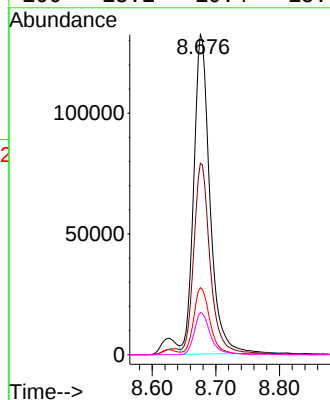
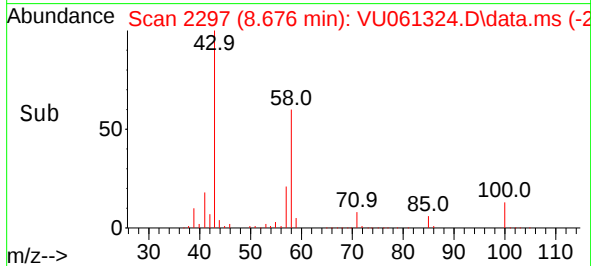


#48
2-Hexanone
Concen: 57.228 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Instrument :
MSVOA_U
ClientSampleId :

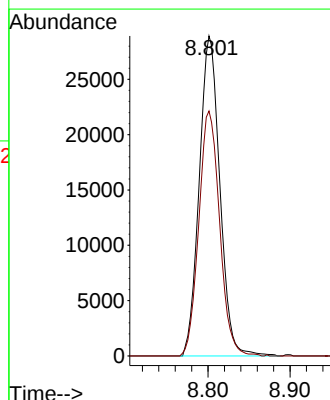
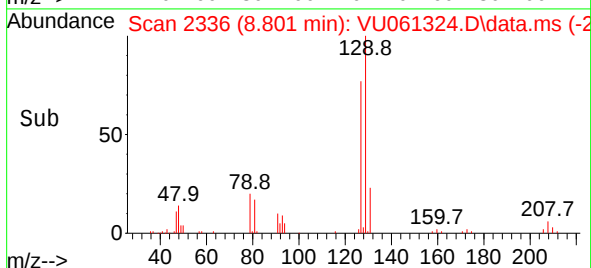
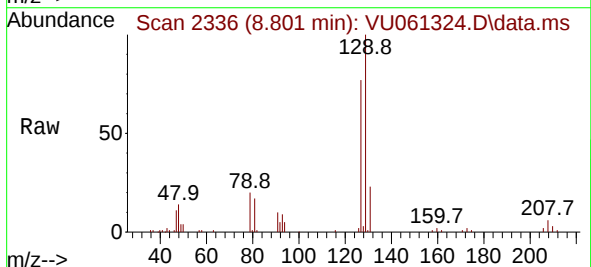


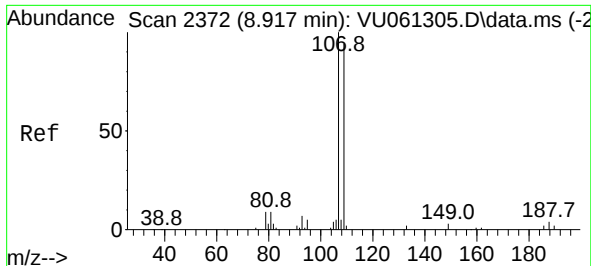
Tgt Ion:	43	Resp:	234605
Ion	Ratio	Lower	Upper
43	100		
58	60.3	48.6	72.8
57	20.6	17.0	25.6
100	13.1	10.4	15.6



#49
Dibromochloromethane
Concen: 5.301 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

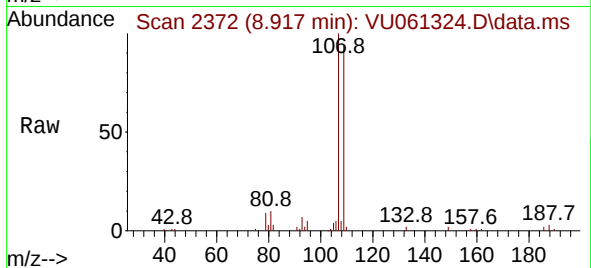
Tgt Ion:	129	Resp:	50397
Ion	Ratio	Lower	Upper
129	100		
127	76.5	51.8	96.2



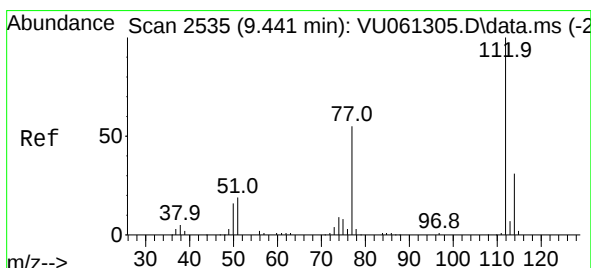
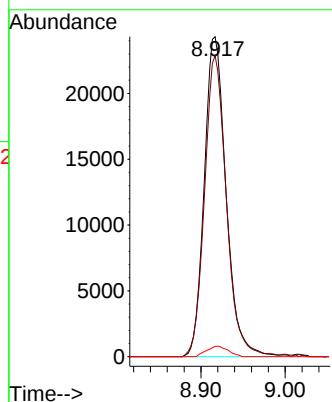
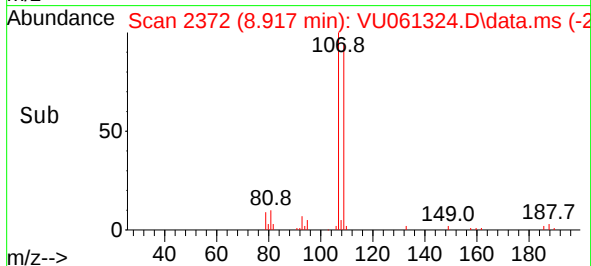


#50
1,2-Dibromoethane
Concen: 5.384 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Instrument :
MSVOA_U
ClientSampleId :

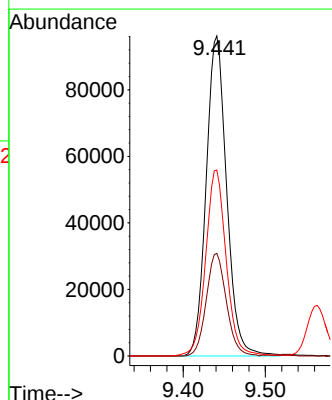
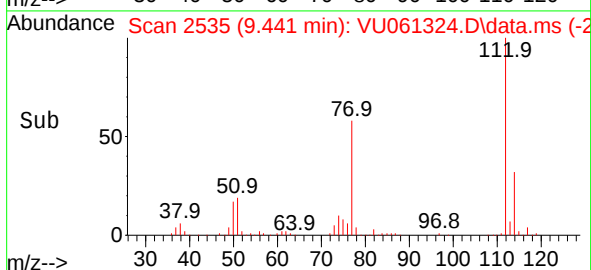
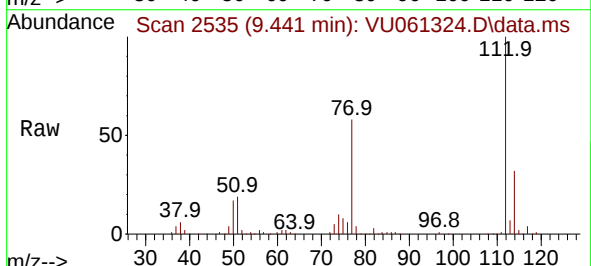


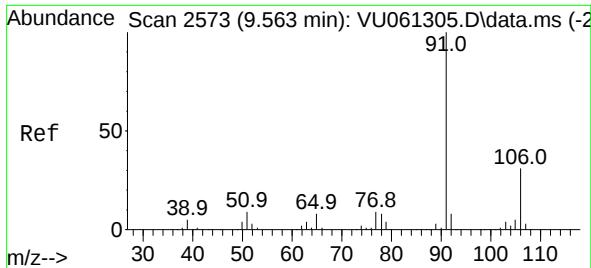
Tgt Ion:107 Resp: 43841
Ion Ratio Lower Upper
107 100
109 94.1 63.4 117.8
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 5.288 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion:112 Resp: 166806
Ion Ratio Lower Upper
112 100
114 32.0 22.9 42.5
77 58.1 47.1 70.7





#52

Ethylbenzene

Concen: 5.090 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

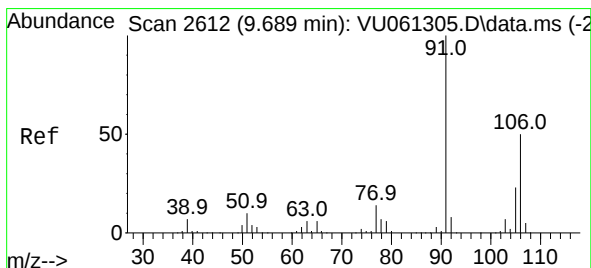
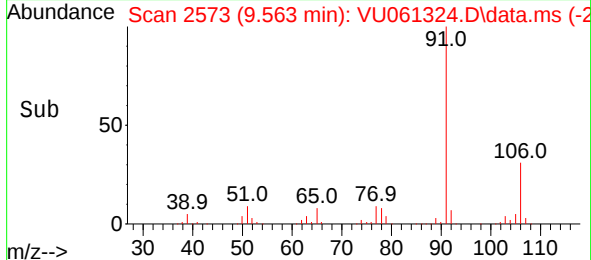
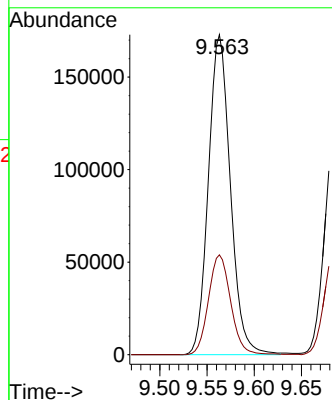
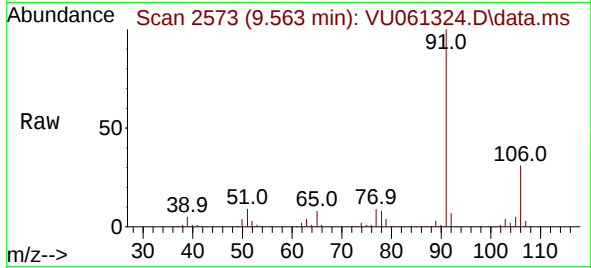
ClientSampleId :

Tgt Ion: 91 Resp: 279378

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-Xylene

Concen: 5.167 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU061324.D

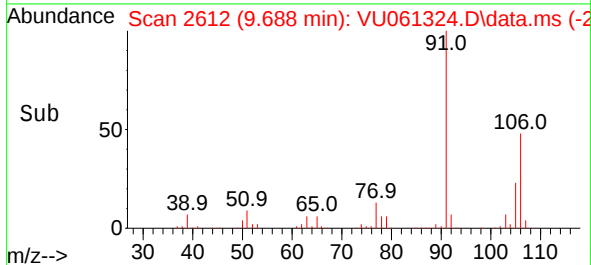
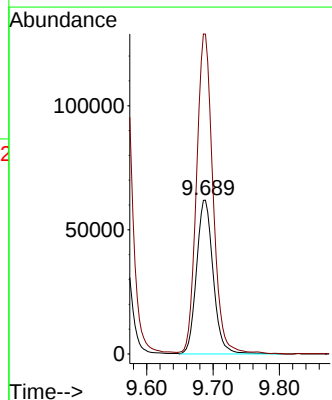
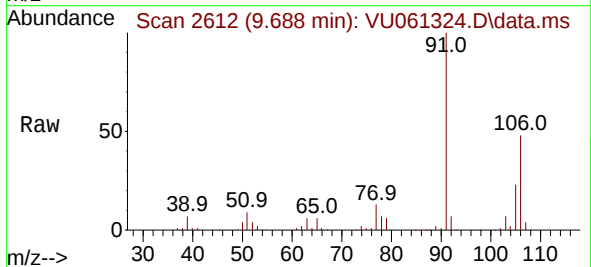
Acq: 31 Oct 2024 20:45

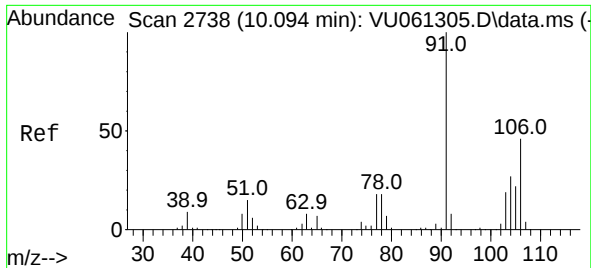
Tgt Ion:106 Resp: 108045

Ion Ratio Lower Upper

106 100

91 208.0 145.7 270.7

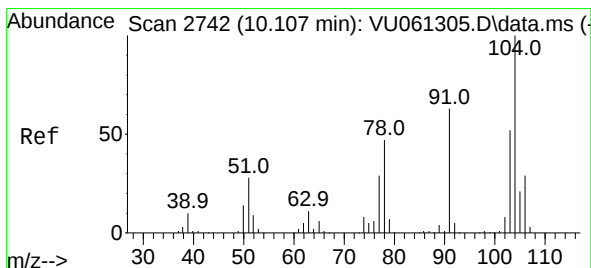
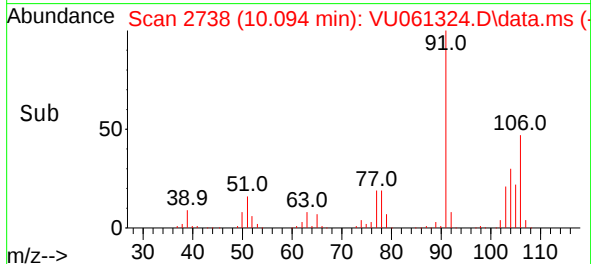
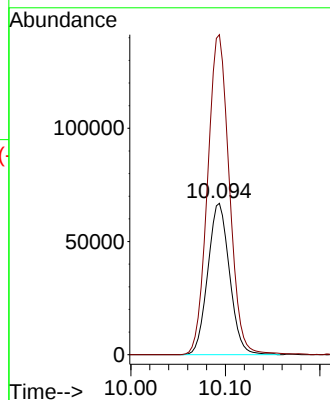
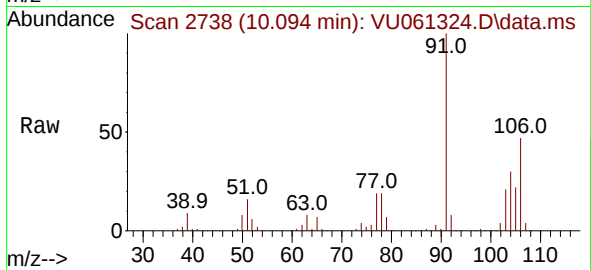




#54
o-Xylene
Concen: 5.171 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

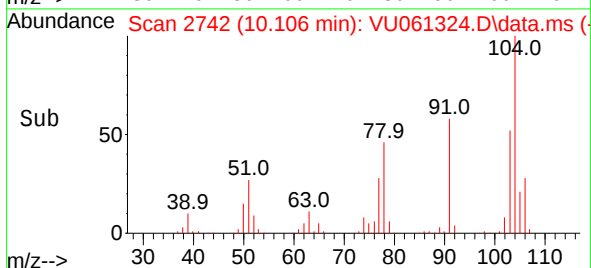
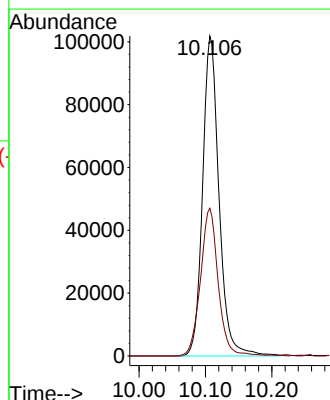
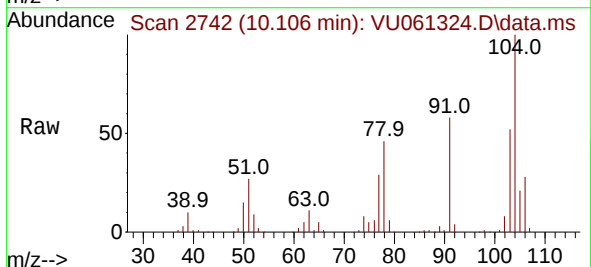
Instrument :
MSVOA_U
ClientSampleId :

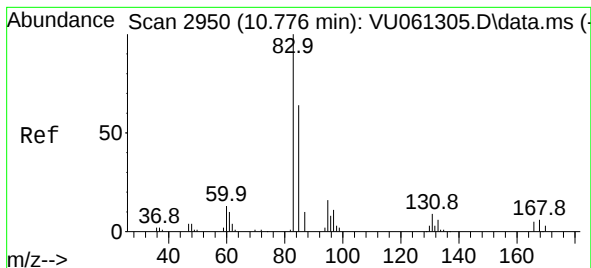
Tgt Ion:106 Resp: 106730
Ion Ratio Lower Upper
106 100
91 211.3 148.8 276.4



#55
Styrene
Concen: 5.295 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion:104 Resp: 175196
Ion Ratio Lower Upper
104 100
78 46.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.560 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

ClientSampleId :

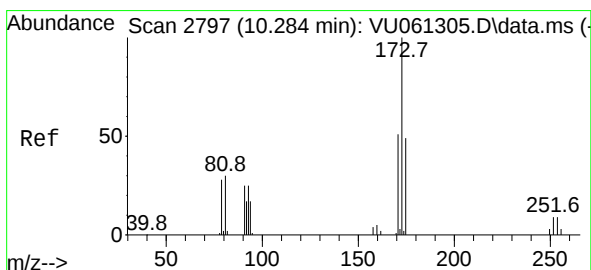
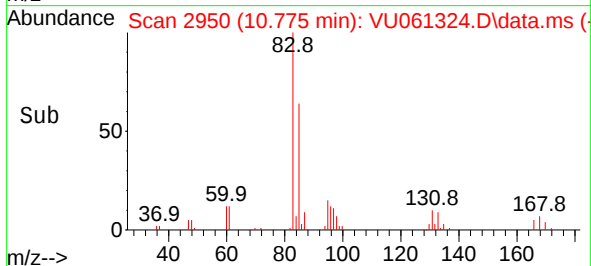
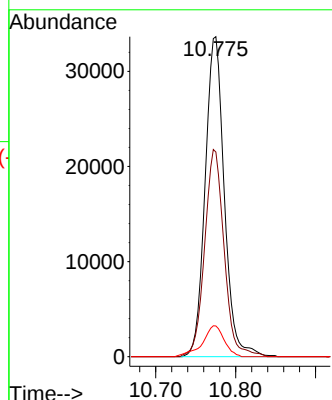
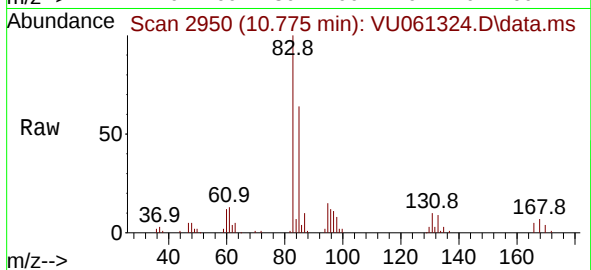
Tgt Ion: 83 Resp: 56157

Ion Ratio Lower Upper

83 100

85 63.9 45.3 84.1

131 9.6 7.6 11.4



#59

Bromoform

Concen: 5.052 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

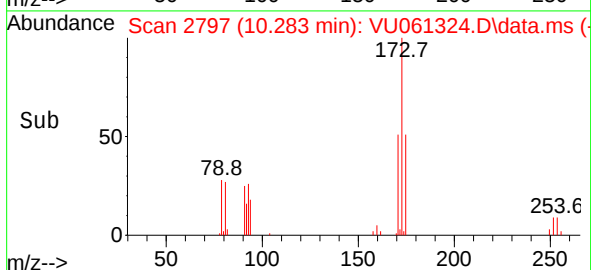
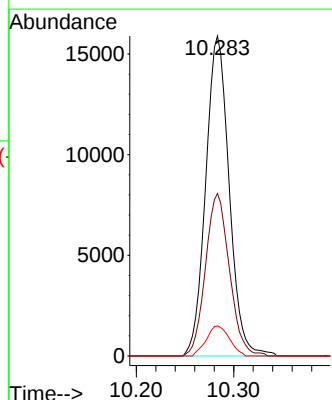
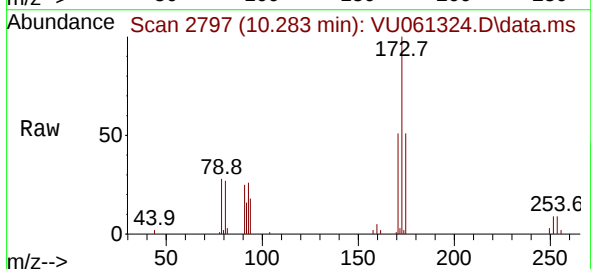
Tgt Ion:173 Resp: 26602

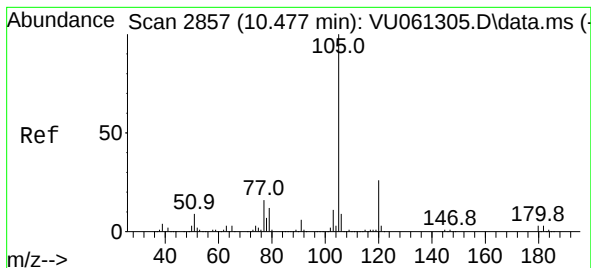
Ion Ratio Lower Upper

173 100

175 51.6 39.0 58.4

254 9.2 6.8 10.2





#60

Isopropylbenzene

Concen: 5.109 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

ClientSampleId :

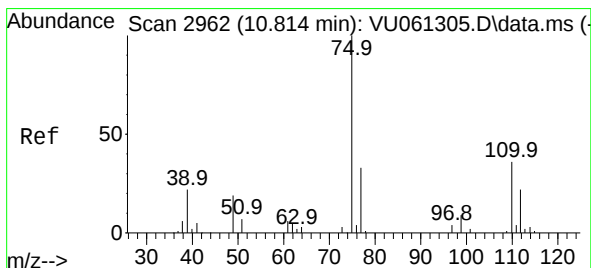
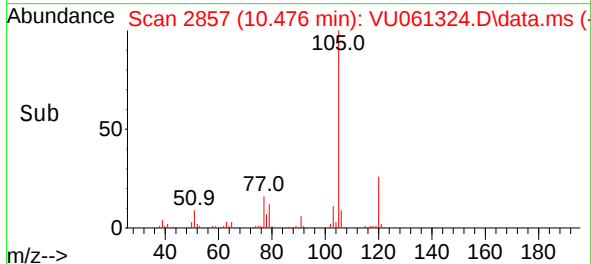
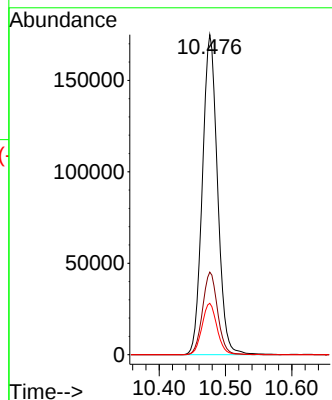
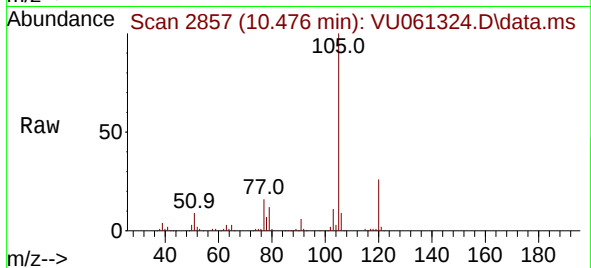
Tgt Ion:105 Resp: 277636

Ion Ratio Lower Upper

105 100

120 25.8 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.503 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

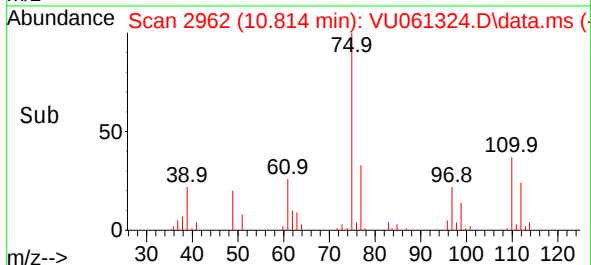
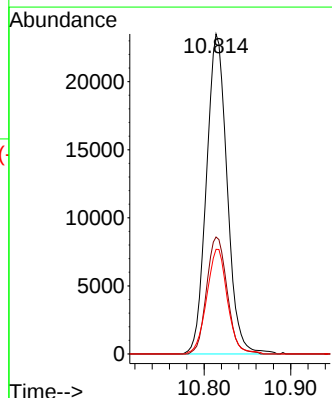
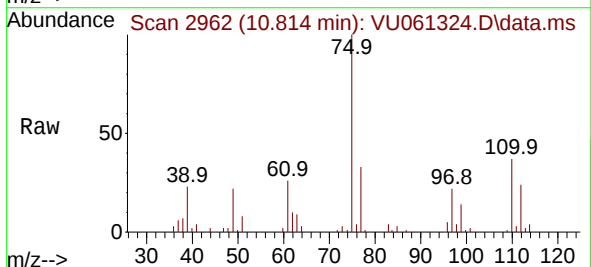
Tgt Ion: 75 Resp: 38995

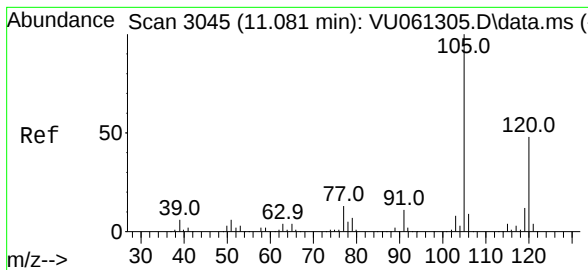
Ion Ratio Lower Upper

75 100

110 36.2 28.8 43.2

77 32.9 25.7 38.5

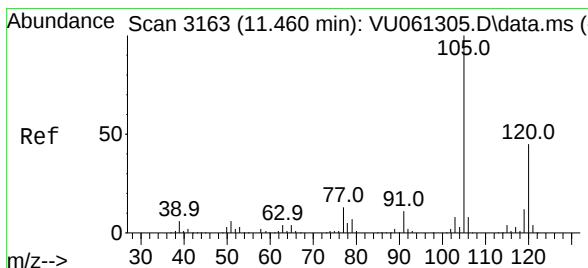
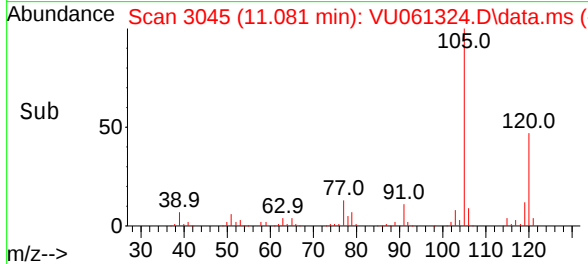
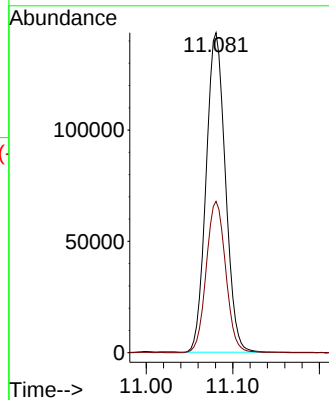
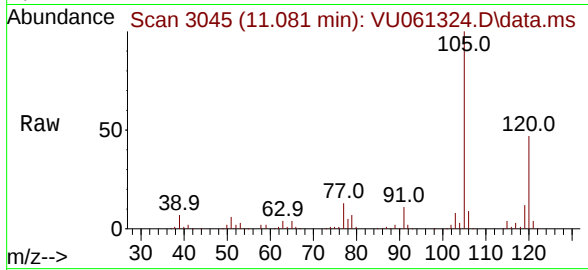




#62
1,3,5-Trimethylbenzene
Concen: 5.028 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

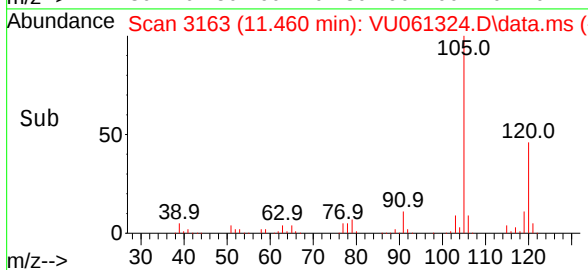
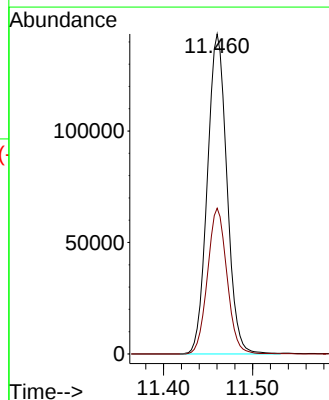
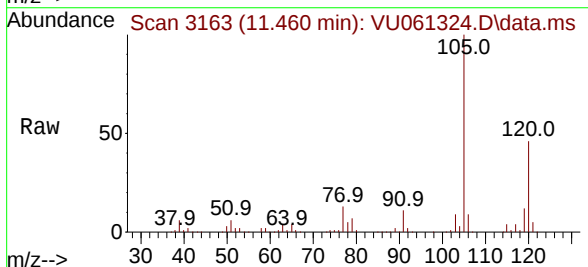
Instrument :
MSVOA_U
ClientSampleId :

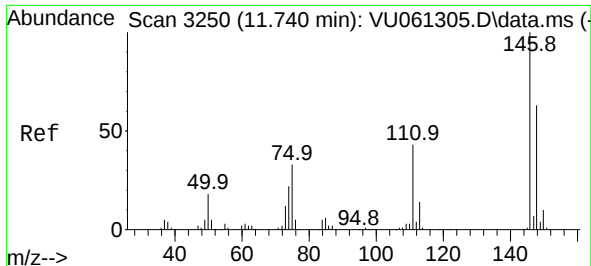
Tgt Ion:105 Resp: 222445
Ion Ratio Lower Upper
105 100
120 47.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.006 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

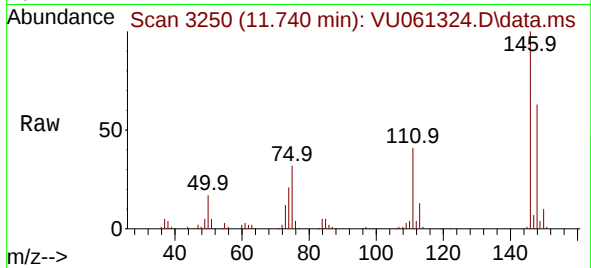
Tgt Ion:105 Resp: 218921
Ion Ratio Lower Upper
105 100
120 45.3 35.4 53.0



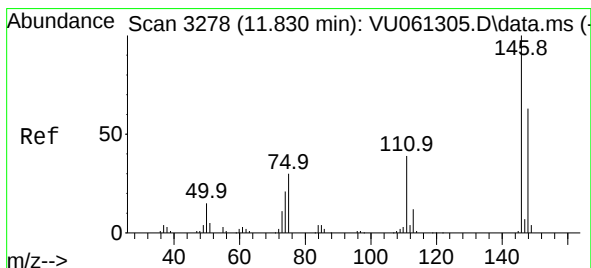
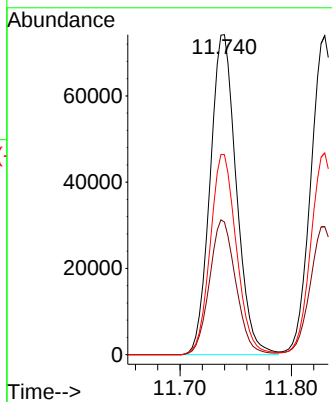
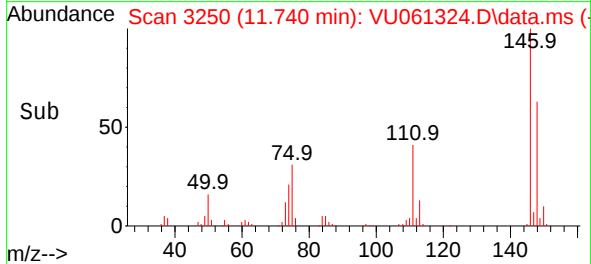


#64
1,3-Dichlorobenzene
Concen: 5.317 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

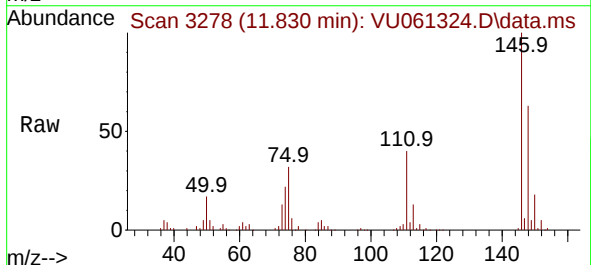
Instrument :
MSVOA_U
ClientSampleId :



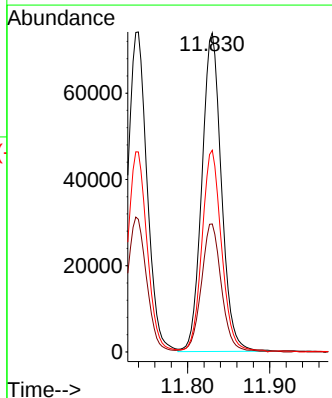
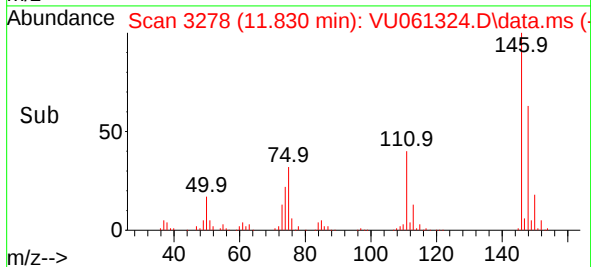
Tgt Ion:146 Resp: 121590
Ion Ratio Lower Upper
146 100
111 41.4 30.0 55.8
148 62.5 45.1 83.7

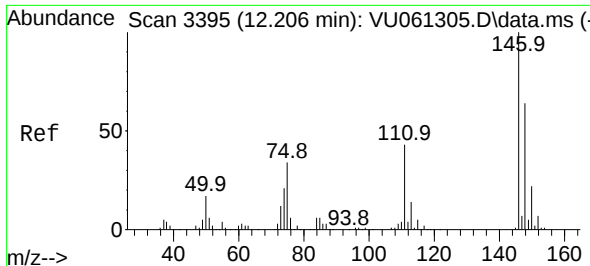


#65
1,4-Dichlorobenzene
Concen: 5.237 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45



Tgt Ion:146 Resp: 122089
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 63.2 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.358 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

ClientSampleId :

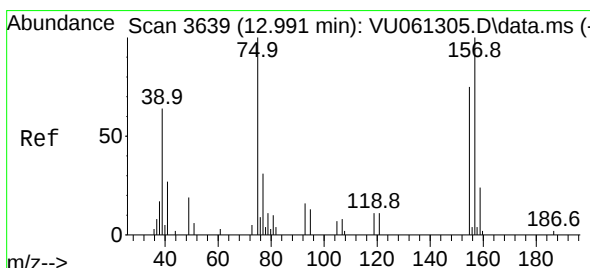
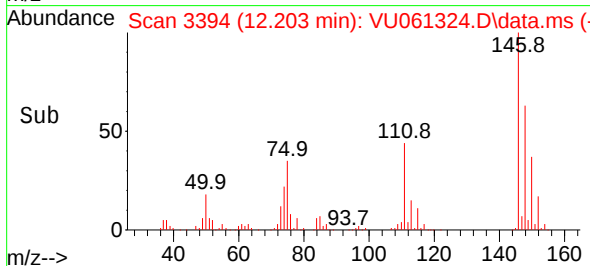
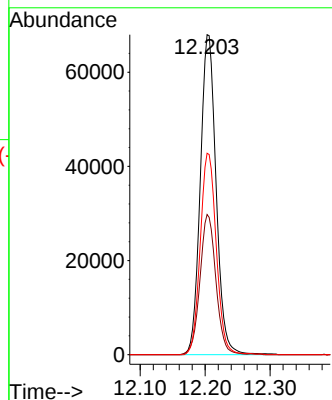
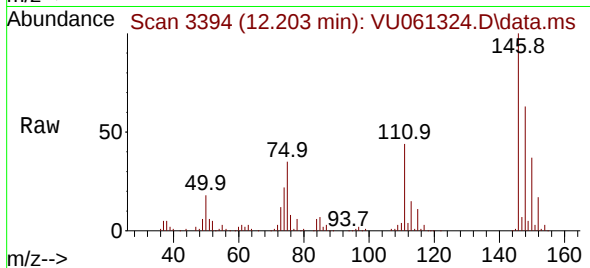
Tgt Ion:146 Resp: 115337

Ion Ratio Lower Upper

146 100

111 43.8 35.2 52.8

148 62.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.214 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

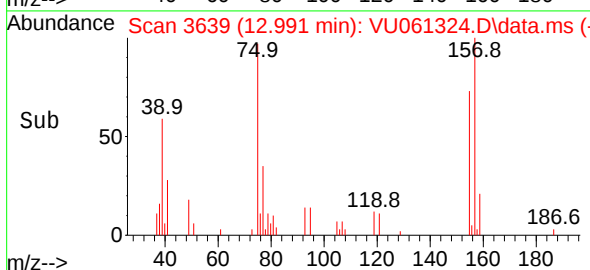
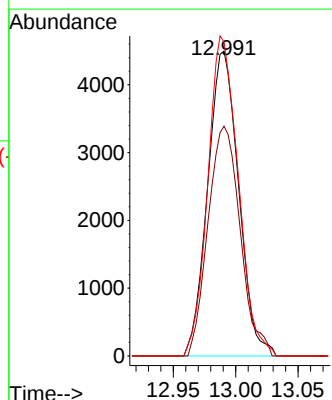
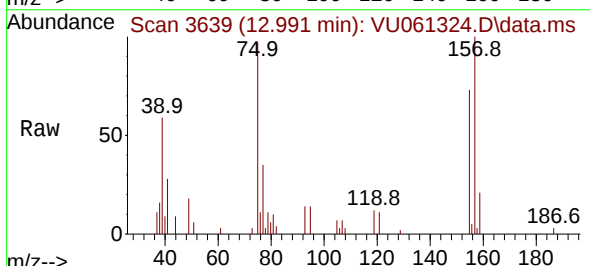
Tgt Ion: 75 Resp: 7758

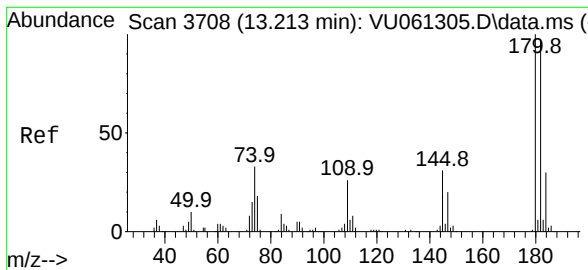
Ion Ratio Lower Upper

75 100

155 75.4 69.3 103.9

157 102.9 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.331 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

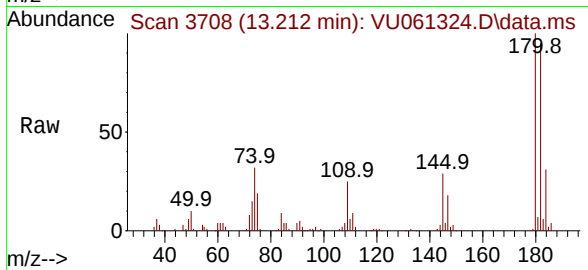
Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 83575

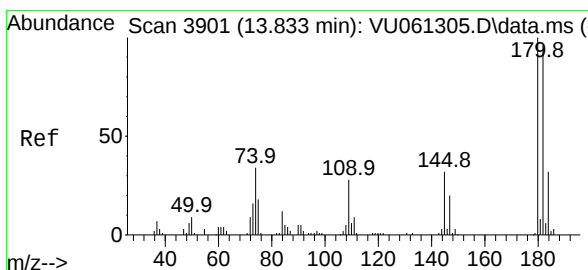
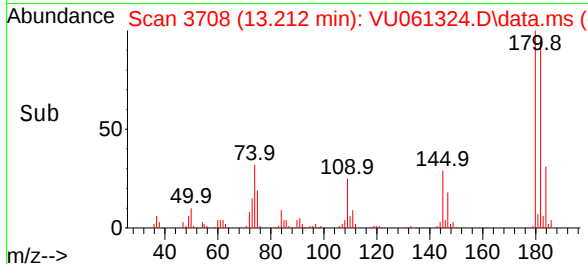
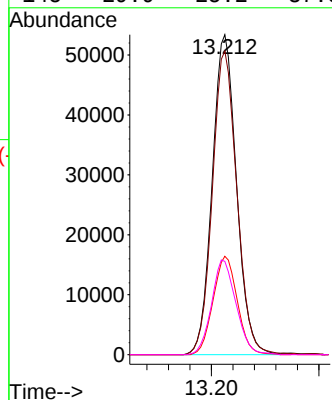
Ion Ratio Lower Upper

180 100

182 95.9 77.4 116.2

184 30.7 24.4 36.6

145 29.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.429 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061324.D

Acq: 31 Oct 2024 20:45

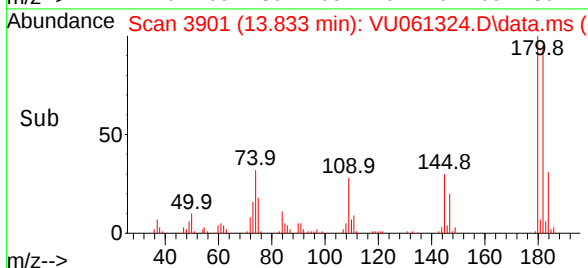
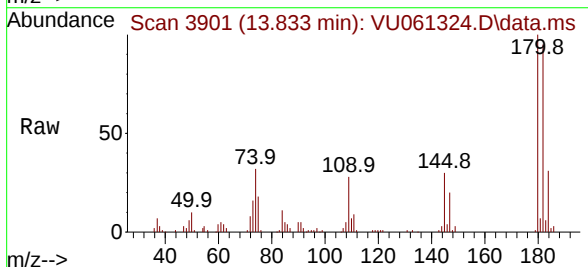
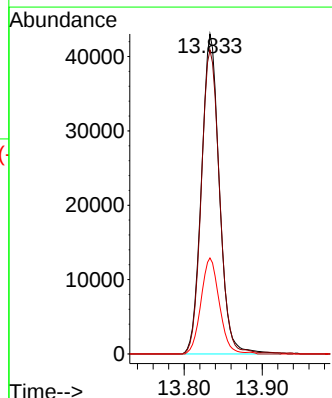
Tgt Ion:180 Resp: 68685

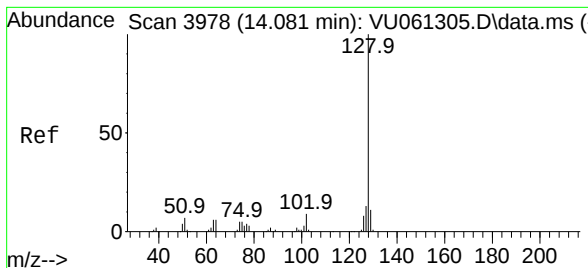
Ion Ratio Lower Upper

180 100

182 96.6 77.2 115.8

145 30.6 25.6 38.4

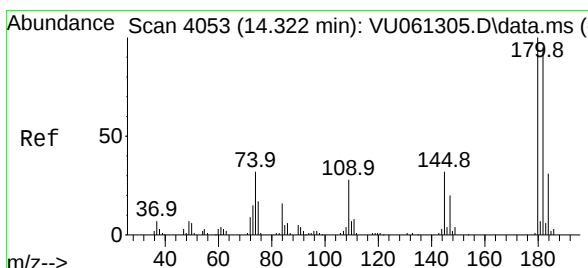
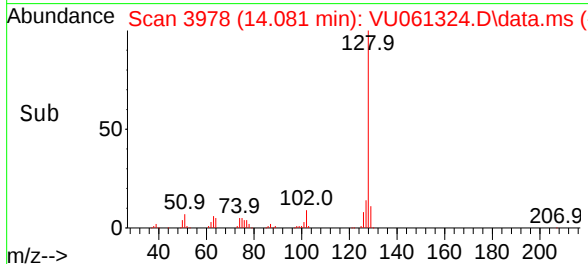
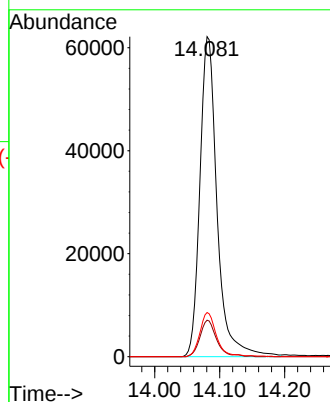
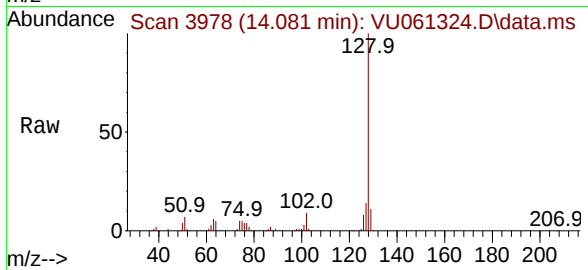




#71
Naphthalene
Concen: 5.736 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 114504
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.714 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061324.D
Acq: 31 Oct 2024 20:45

Tgt Ion:180 Resp: 60481
Ion Ratio Lower Upper
180 100
182 97.2 76.0 114.0
145 32.7 26.5 39.7

