

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062065.D
 Acq On : 27 Nov 2024 20:41
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 01:19:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	153882	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	145246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47492	44.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.080%
7) Chloroethane-d5	1.904	69	31427	40.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.563	63	82865	40.992	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.980%
21) 2-Butanone-d5	4.618	46	73356	101.247	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.250%
24) Chloroform-d	5.052	84	99111	44.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.080%
26) 1,2-Dichloroethane-d4	5.689	65	66636	46.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.880%
32) Benzene-d6	5.717	84	187047	45.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.060%
36) 1,2-Dichloropropane-d6	6.679	67	58181	44.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.140%
41) Toluene-d8	7.888	98	168829	43.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
43) trans-1,3-Dichloroprop...	8.171	79	30498	46.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.500%
47) 2-Hexanone-d5	8.624	63	47321	96.243	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	89080	46.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	64237	45.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41234	28.063	ug/L	100
3) Chloromethane	1.518	50	48582	40.125	ug/L	100
5) Vinyl chloride	1.602	62	45727	36.619	ug/L	99
6) Bromomethane	1.853	94	26620	38.811	ug/L	98
8) Chloroethane	1.927	64	26455	36.778	ug/L	99
9) Trichlorofluoromethane	2.132	101	56775	29.739	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27983	26.144	ug/L	99
12) 1,1-Dichloroethene	2.573	96	32632	33.519	ug/L	82
13) Acetone	2.628	43	49396	56.933	ug/L	98
14) Carbon disulfide	2.788	76	99691	34.040	ug/L	96
15) Methyl Acetate	2.943	43	45949	42.941	ug/L	96
16) Methylene chloride	3.039	84	44845	40.402	ug/L	96
17) trans-1,2-Dichloroethene	3.345	96	35320	35.291	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	127123	37.688	ug/L	99
19) 1,1-Dichloroethane	3.859	63	70808	36.922	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	43089	37.798	ug/L	97
22) 2-Butanone	4.698	43	64358	68.775	ug/L	100
23) Bromochloromethane	4.965	128	23425	39.511	ug/L	98
25) Chloroform	5.074	83	78210	37.577	ug/L	98

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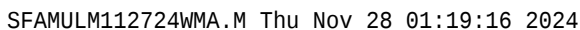
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 MSVOA_U
 ClientSampleId :

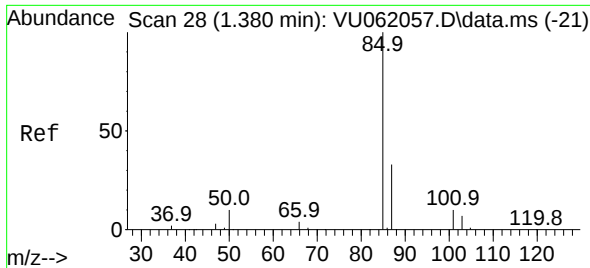
Quant Time: Nov 28 01:19:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	64977	39.087	ug/L	100
29) Cyclohexane	5.380	56	42243	25.460	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	62598	33.318	ug/L	100
31) Carbon tetrachloride	5.515	117	51338	30.576	ug/L	98
33) Benzene	5.766	78	157859	36.525	ug/L	100
34) Trichloroethene	6.534	95	39246	33.255	ug/L	98
35) Methylcyclohexane	6.753	83	42124	23.546	ug/L	100
37) 1,2-Dichloropropane	6.779	63	44007	38.480	ug/L	100
38) Bromodichloromethane	7.094	83	57226	37.138	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	68658	37.179	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	114242	79.966	ug/L	100
42) Toluene	7.959	91	154401	33.418	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	63397	37.126	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	43477	38.307	ug/L	98
46) Tetrachloroethene	8.544	164	25196	28.097	ug/L	98
48) 2-Hexanone	8.676	43	91855	76.271	ug/L	99
49) Dibromochloromethane	8.798	129	45641	38.485	ug/L	100
50) 1,2-Dibromoethane	8.913	107	48909	39.669	ug/L	99
51) Chlorobenzene	9.438	112	96323	33.002	ug/L	98
52) Ethylbenzene	9.563	91	154125	30.365	ug/L	100
53) m,p-Xylene	9.685	106	57423	30.595	ug/L	98
54) o-Xylene	10.090	106	57764	31.460	ug/L	98
55) Styrene	10.106	104	102072	33.040	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	71025	37.919	ug/L	97
59) Bromoform	10.280	173	34729	38.781	ug/L #	99
60) 1,2,3-Trichloropropane	10.810	75	59262	40.824	ug/L	100
61) Isopropylbenzene	10.476	105	139341	29.134	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	114491	28.116	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	116900	29.814	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	68460	30.975	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	69262	30.876	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	72116	33.034	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	16292	39.823	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	43657	28.058	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	37628	28.325	ug/L	99
71) Naphthalene	14.080	128	120388	33.447	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	39055	30.456	ug/L	98

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

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Response via : Initial Calibration

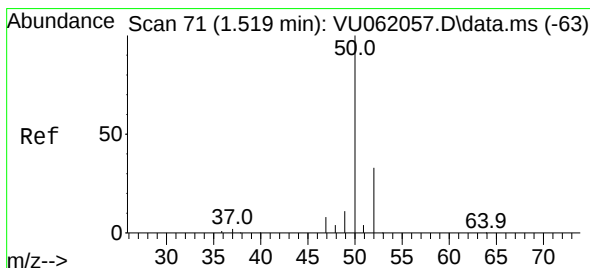
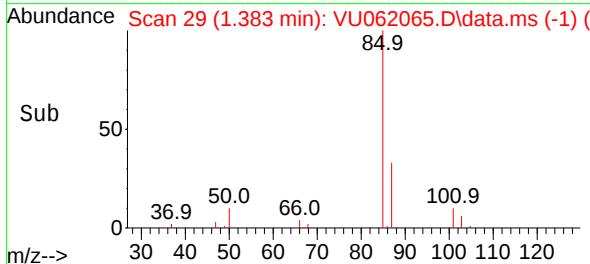
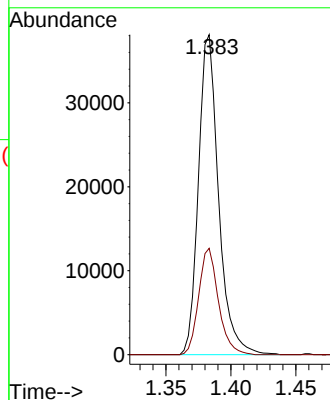
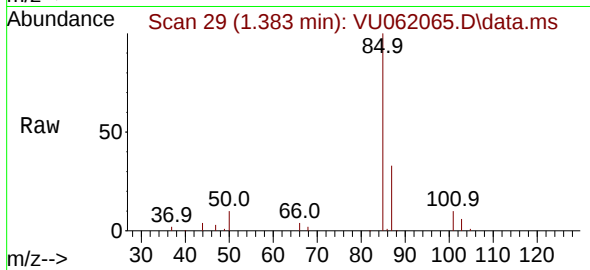




#2
 Dichlorodifluoromethane
 Concen: 28.063 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU062065.D
 Acq: 27 Nov 2024 20:41

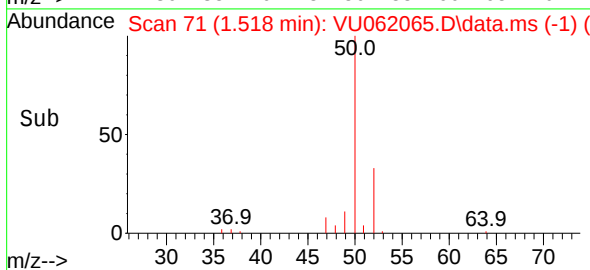
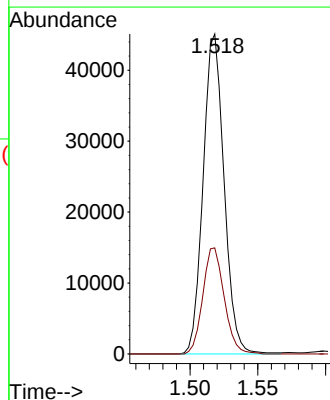
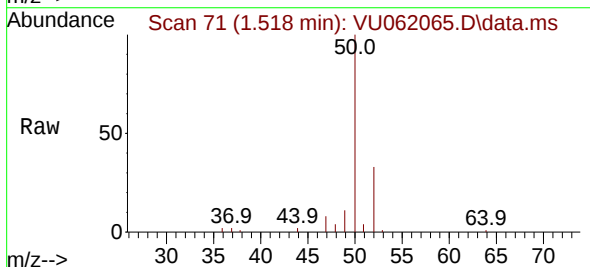
Instrument :
 MSVOA_U
 ClientSampleId :

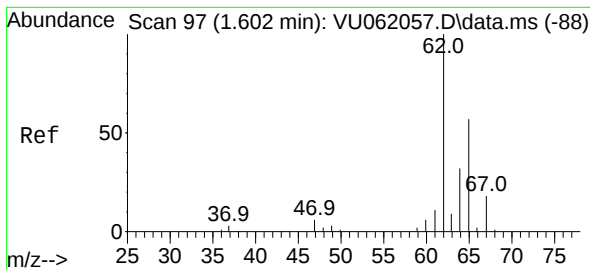
Tgt Ion: 85 Resp: 41234
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 40.125 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU062065.D
 Acq: 27 Nov 2024 20:41

Tgt Ion: 50 Resp: 48582
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.3 43.3





#5

Vinyl chloride

Concen: 36.619 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

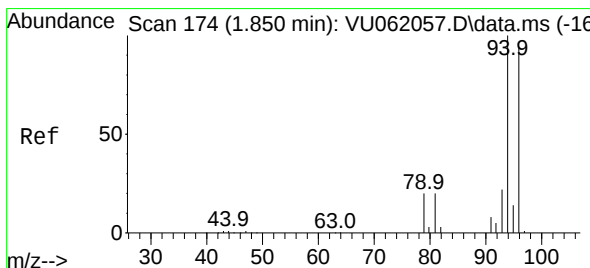
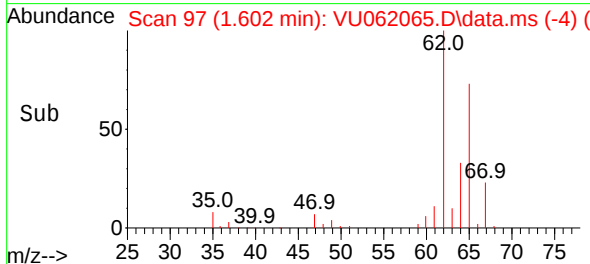
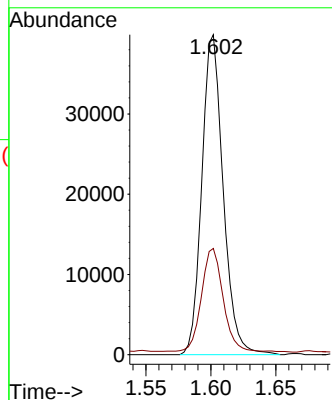
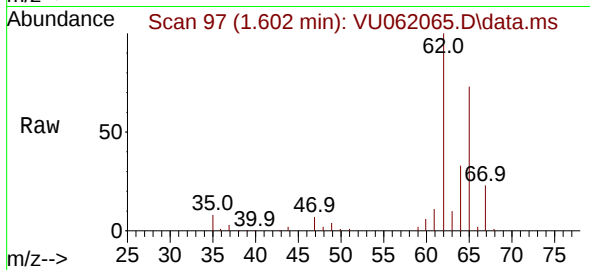
ClientSampleId :

Tgt Ion: 62 Resp: 45727

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.8



#6

Bromomethane

Concen: 38.811 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU062065.D

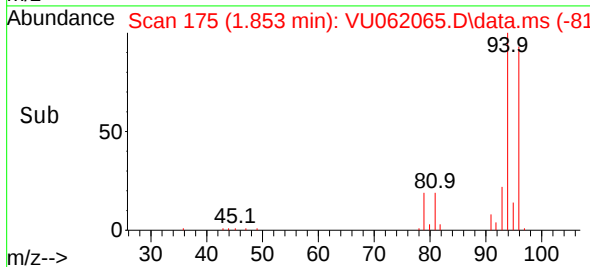
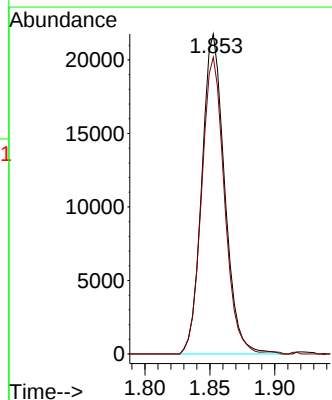
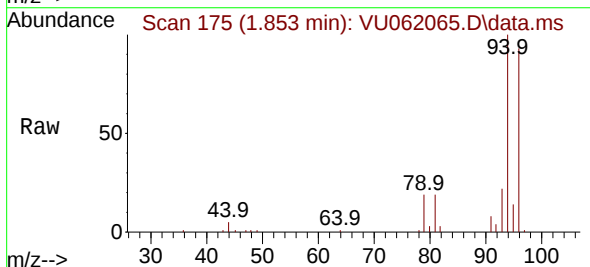
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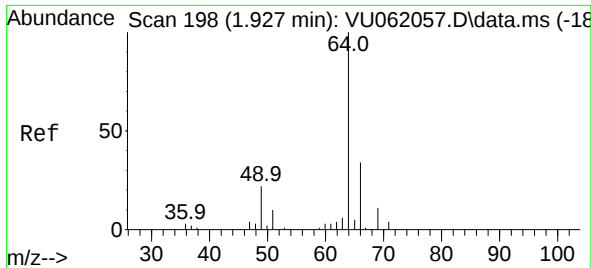
Tgt Ion: 94 Resp: 26620

Ion Ratio Lower Upper

94 100

96 92.8 66.0 122.6

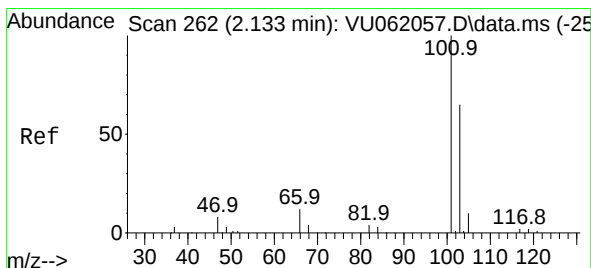
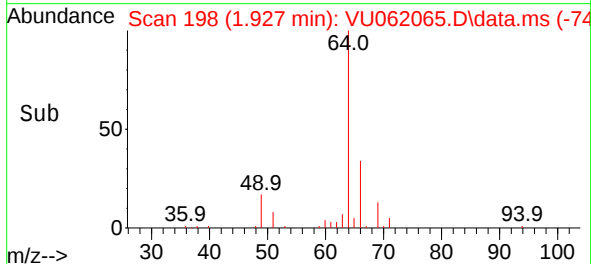
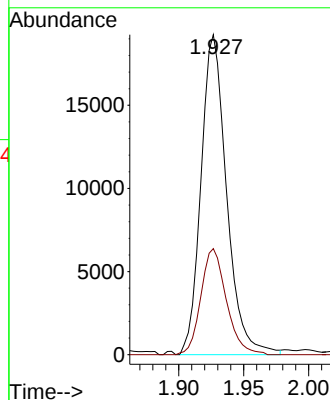
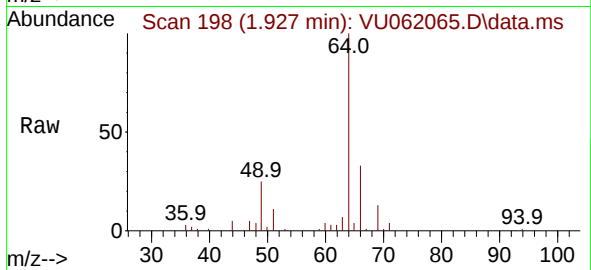




#8
Chloroethane
Concen: 36.778 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

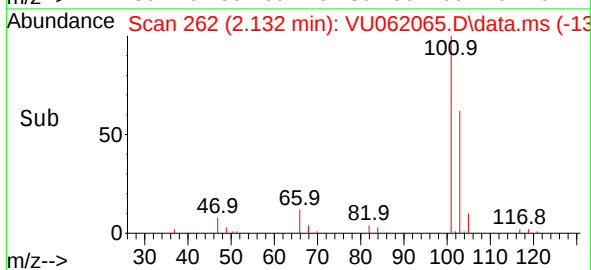
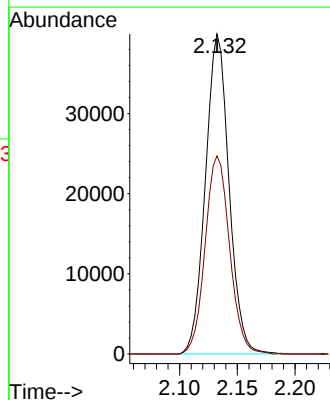
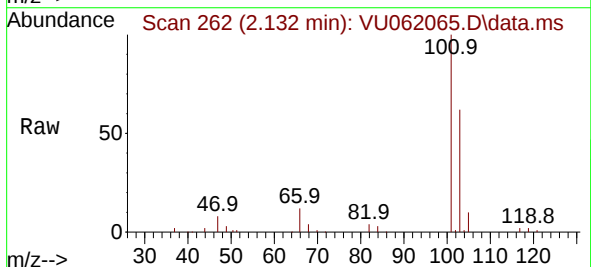
Instrument :
MSVOA_U
ClientSampleId :

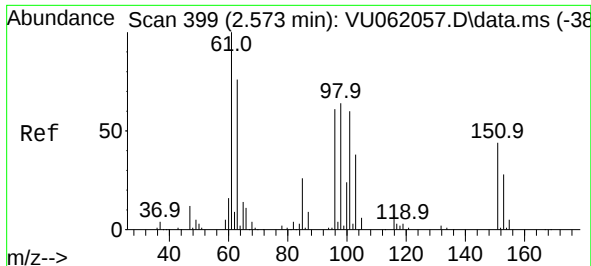
Tgt Ion: 64 Resp: 26455
Ion Ratio Lower Upper
64 100
66 33.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 29.739 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:101 Resp: 56775
Ion Ratio Lower Upper
101 100
103 64.2 52.9 79.3

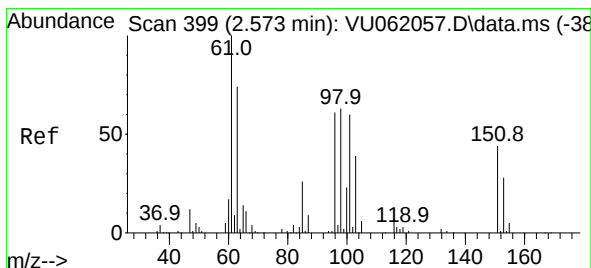
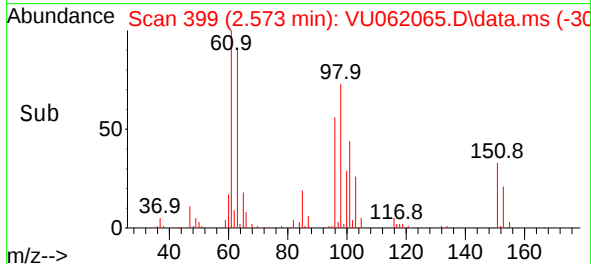
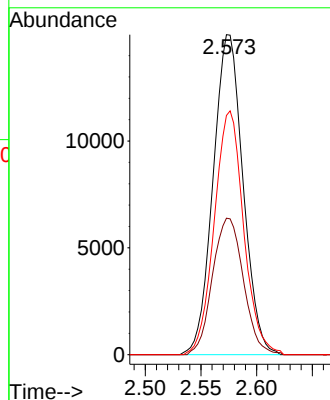
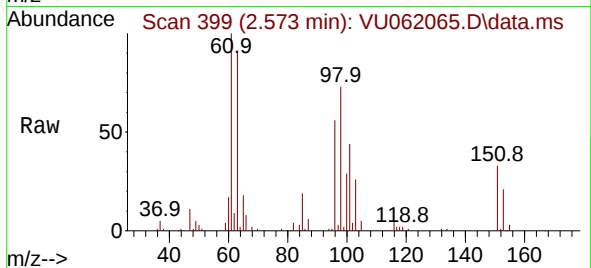




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.144 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

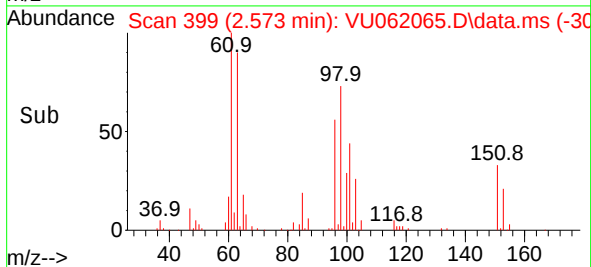
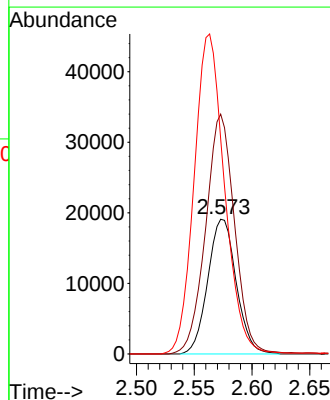
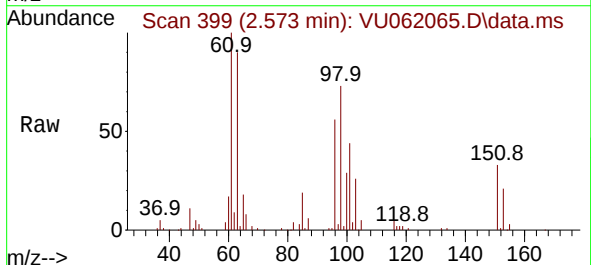
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ClientSampleId :

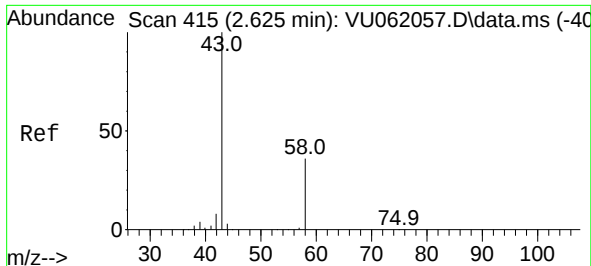
Tgt Ion:	101	Resp:	27983
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.7	52.1
151	74.9	59.0	88.4



#12
1,1-Dichloroethene
Concen: 33.519 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:	96	Resp:	32632
Ion	Ratio	Lower	Upper
96	100		
61	178.0	115.2	214.0
63	159.7	89.3	165.9





#13

Acetone

Concen: 56.933 ug/L

RT: 2.628 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

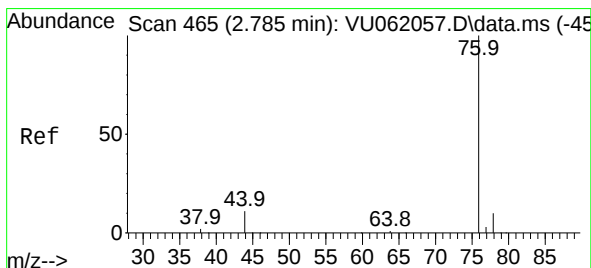
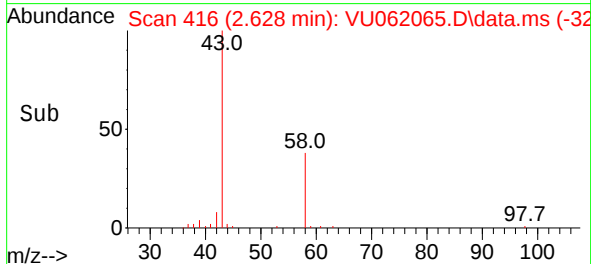
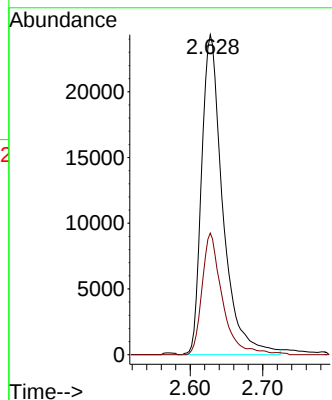
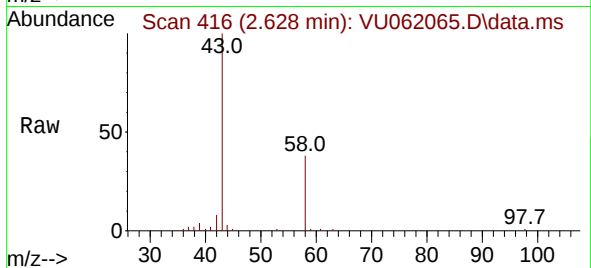
ClientSampleId :

Tgt Ion: 43 Resp: 49396

Ion Ratio Lower Upper

43 100

58 35.0 0.0 72.4



#14

Carbon disulfide

Concen: 34.040 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062065.D

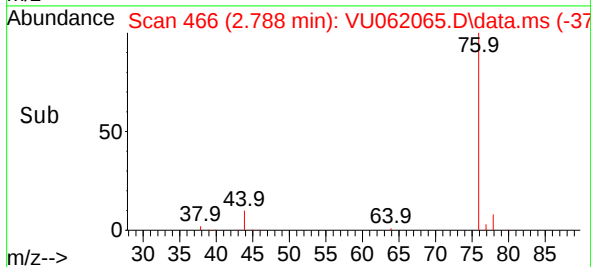
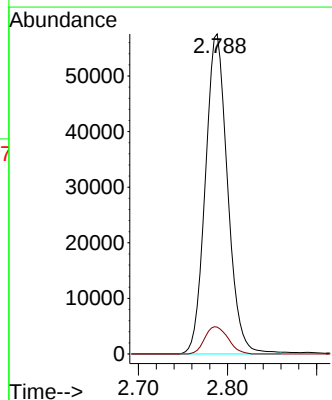
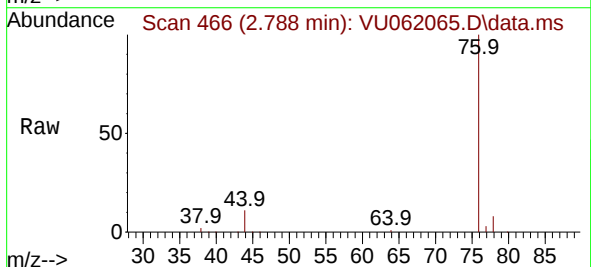
Acq: 27 Nov 2024 20:41

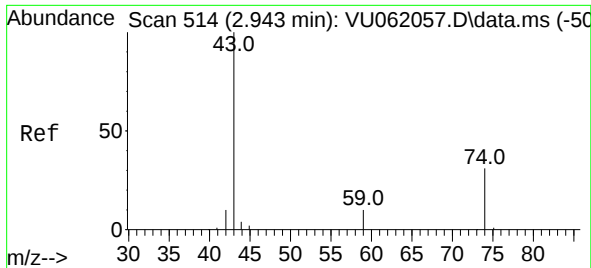
Tgt Ion: 76 Resp: 99691

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.6





#15

Methyl Acetate

Concen: 42.941 ug/L

RT: 2.943 min Scan# 514

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

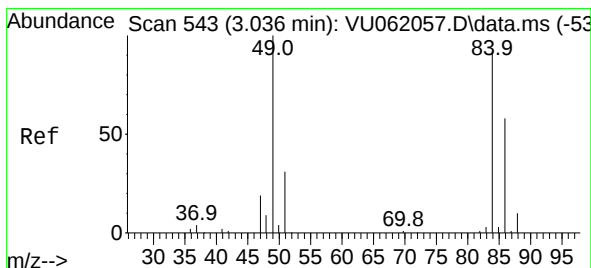
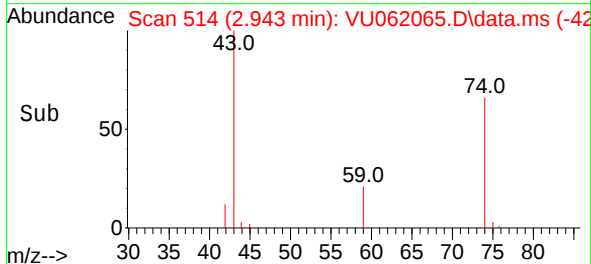
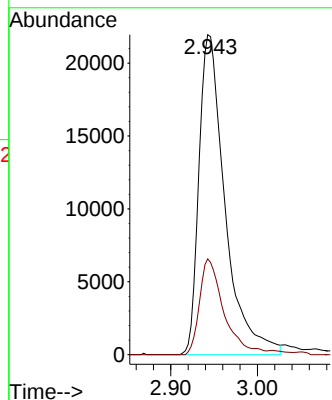
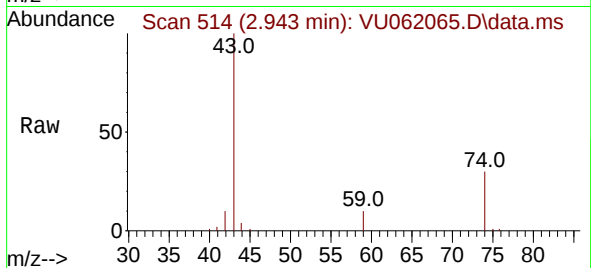
ClientSampleId :

Tgt Ion: 43 Resp: 45949

Ion Ratio Lower Upper

43 100

74 27.0 23.4 35.2



#16

Methylene chloride

Concen: 40.402 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

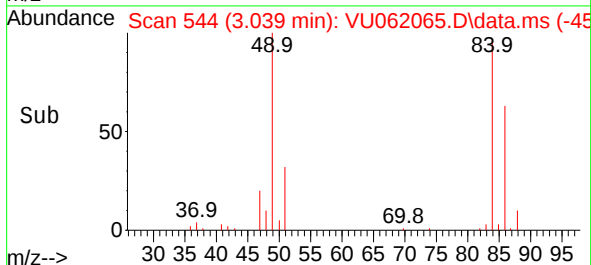
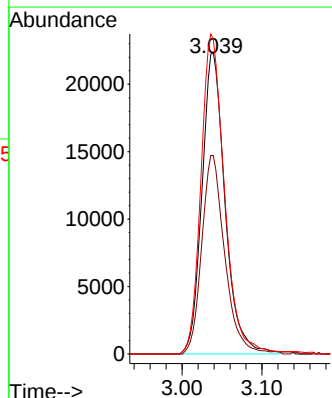
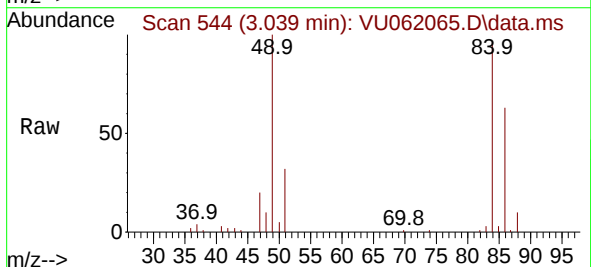
Tgt Ion: 84 Resp: 44845

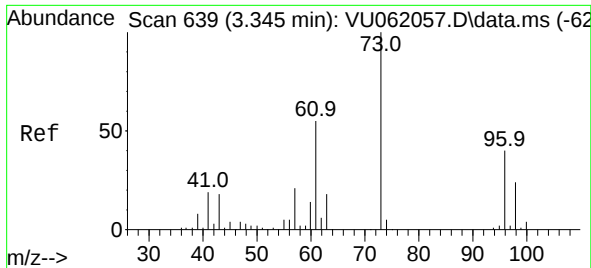
Ion Ratio Lower Upper

84 100

86 65.9 44.4 82.4

49 104.5 75.9 141.1

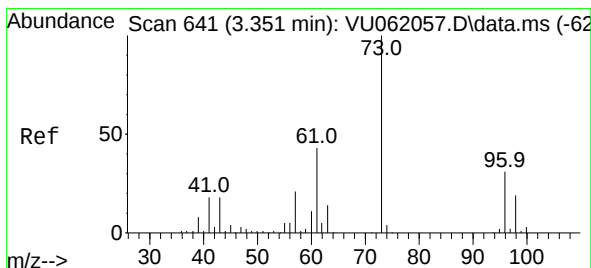
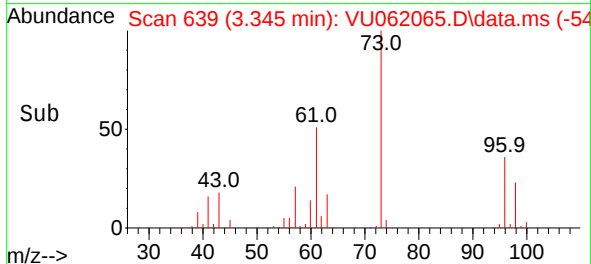
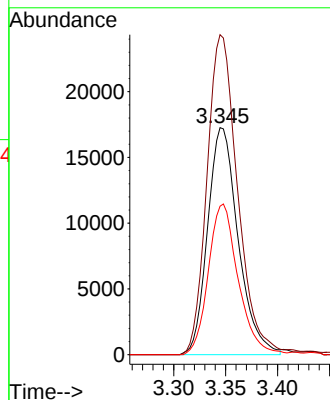
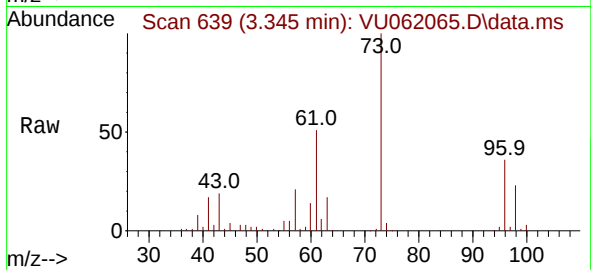




#17
trans-1,2-Dichloroethene
Concen: 35.291 ug/L
RT: 3.345 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

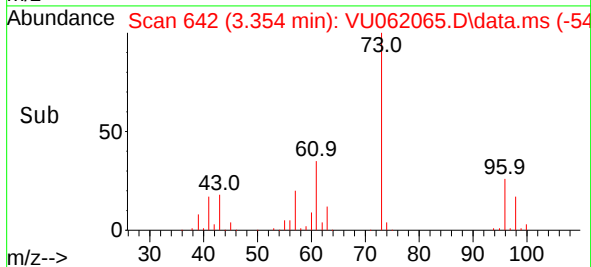
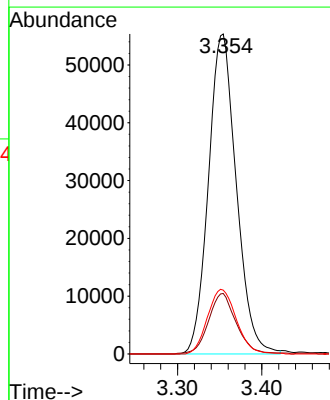
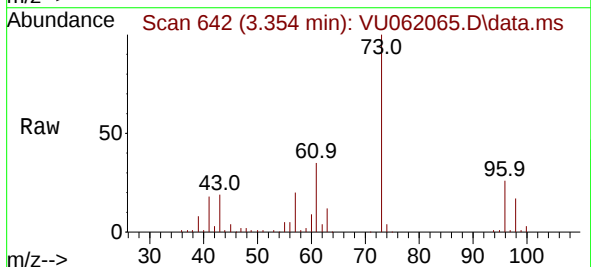
Instrument :
MSVOA_U
ClientSampleId :

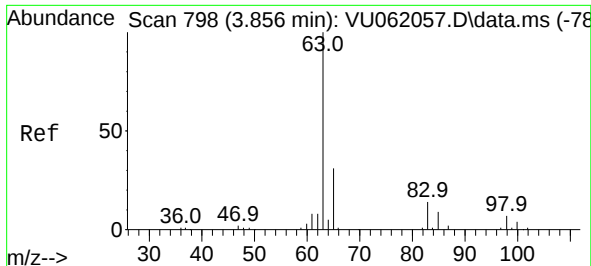
Tgt Ion: 96 Resp: 35320
Ion Ratio Lower Upper
96 100
61 140.9 96.2 178.6
98 65.4 42.7 79.3



#18
Methyl tert-butyl Ether
Concen: 37.688 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion: 73 Resp: 127123
Ion Ratio Lower Upper
73 100
43 18.9 14.7 22.1
57 20.8 16.4 24.6





#19

1,1-Dichloroethane

Concen: 36.922 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

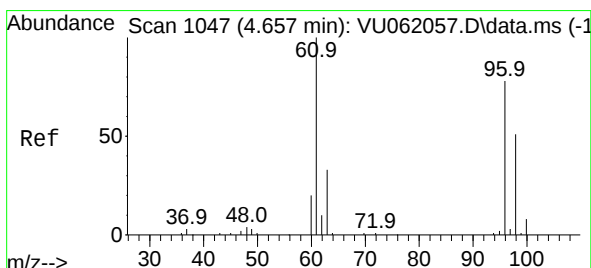
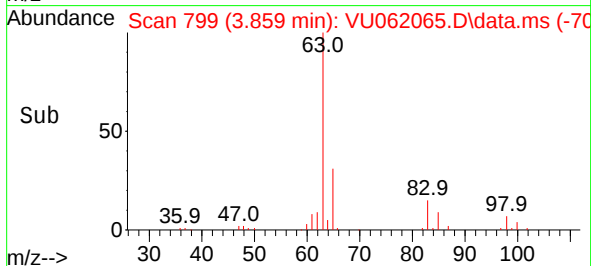
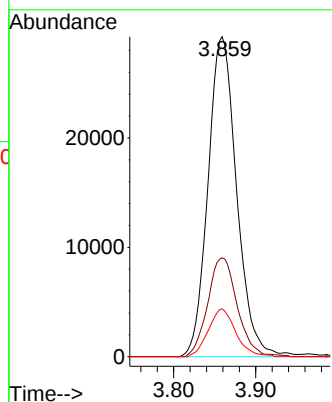
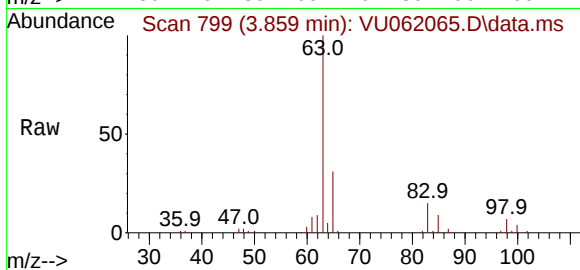
Tgt Ion: 63 Resp: 70808

Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

83 14.9 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 37.798 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

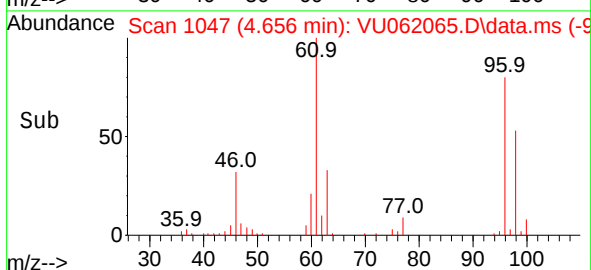
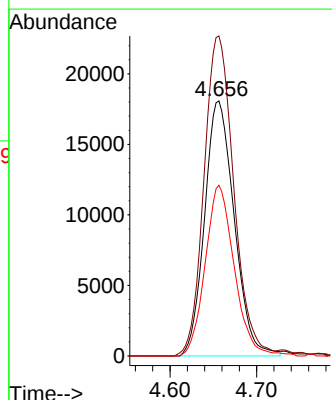
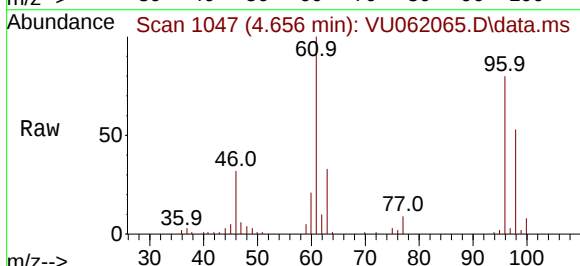
Tgt Ion: 96 Resp: 43089

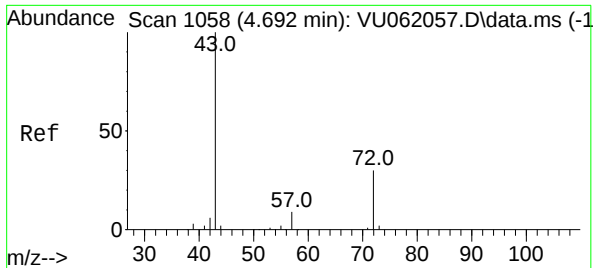
Ion Ratio Lower Upper

96 100

61 125.5 90.1 167.3

98 67.0 45.3 84.1

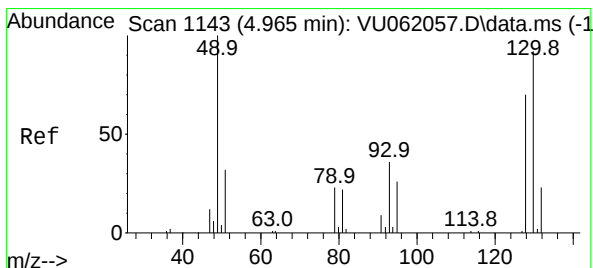
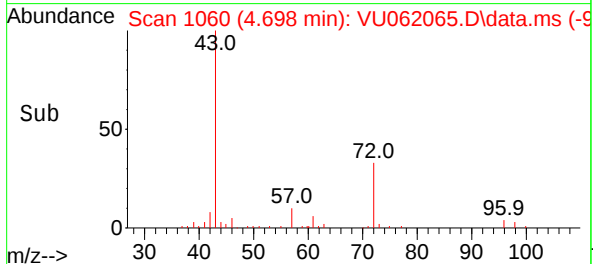
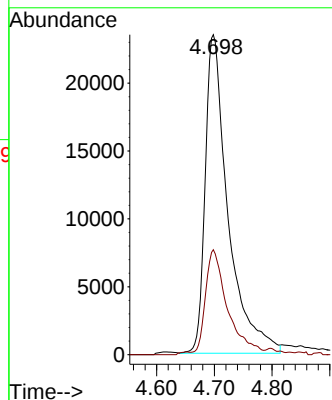
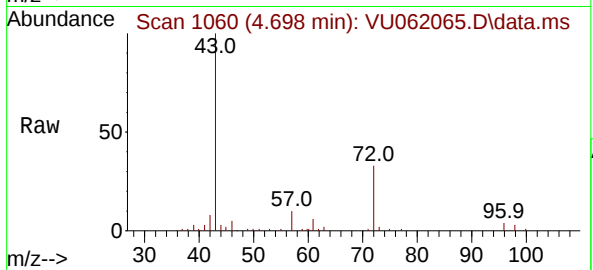




#22
2-Butanone
Concen: 68.775 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

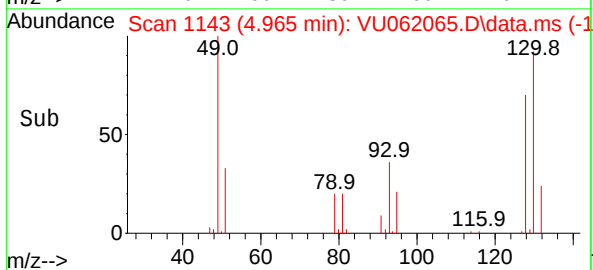
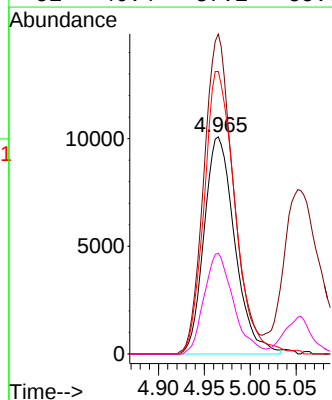
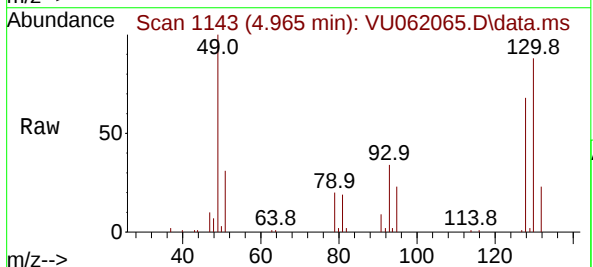
Instrument :
MSVOA_U
ClientSampleId :

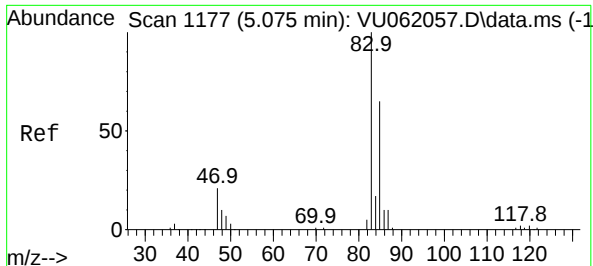
Tgt Ion: 43 Resp: 64358
Ion Ratio Lower Upper
43 100
72 31.9 15.9 47.7



#23
Bromochloromethane
Concen: 39.511 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:128 Resp: 23425
Ion Ratio Lower Upper
128 100
49 147.4 100.7 187.1
130 130.2 92.4 171.6
51 46.4 37.1 55.7





#25

Chloroform

Concen: 37.577 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

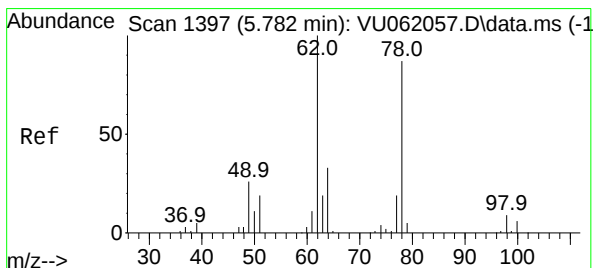
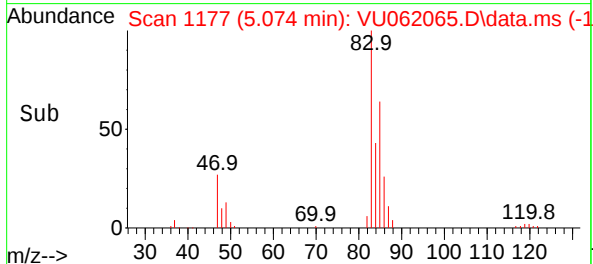
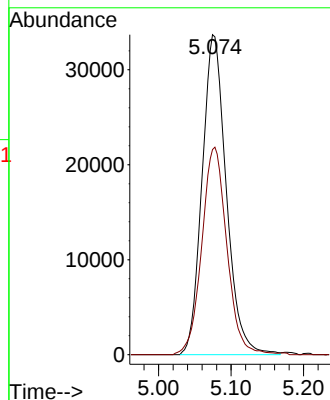
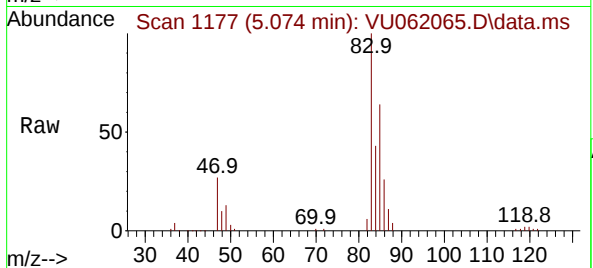
ClientSampleId :

Tgt Ion: 83 Resp: 78210

Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 39.087 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062065.D

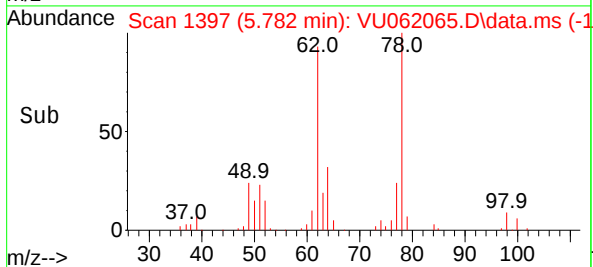
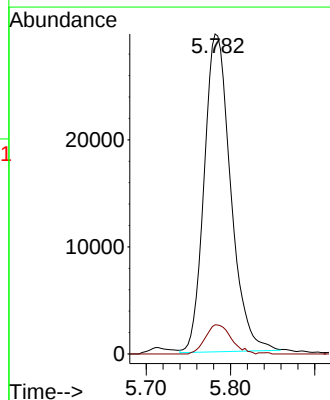
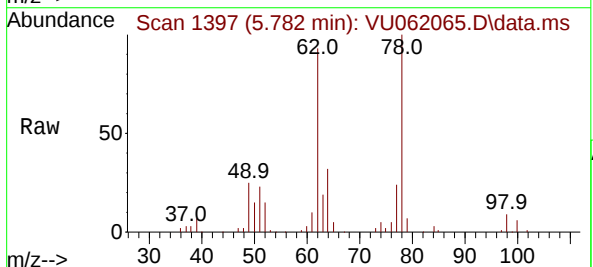
Acq: 27 Nov 2024 20:41

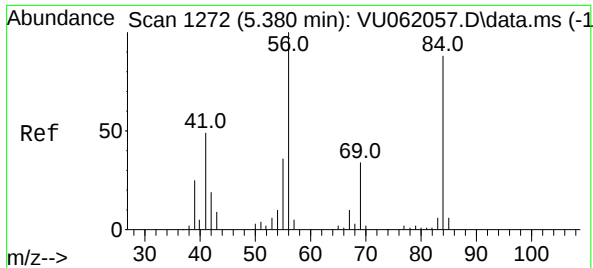
Tgt Ion: 62 Resp: 64977

Ion Ratio Lower Upper

62 100

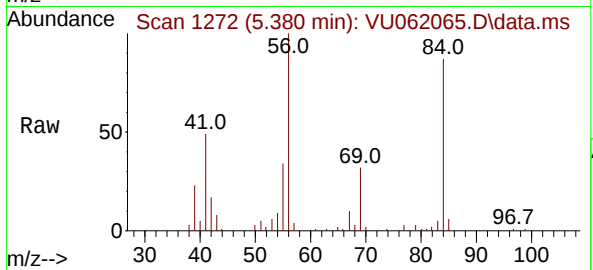
98 9.1 7.4 11.0



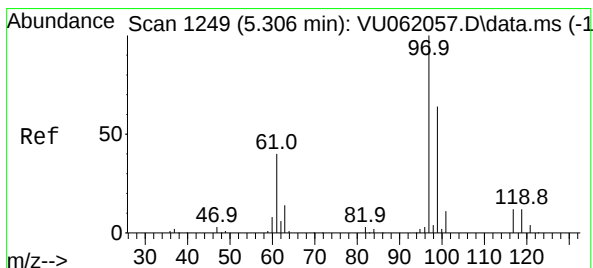
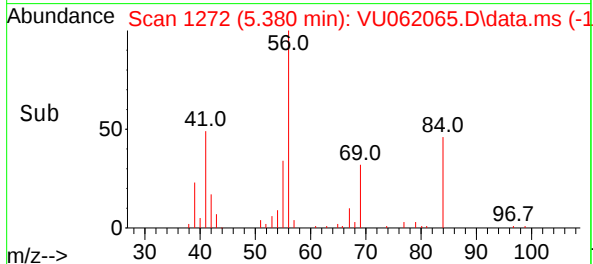
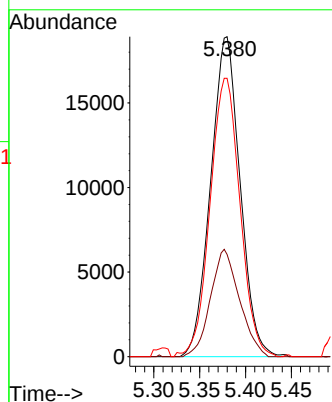


#29
Cyclohexane
Concen: 25.460 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Instrument :
MSVOA_U
ClientSampleId :

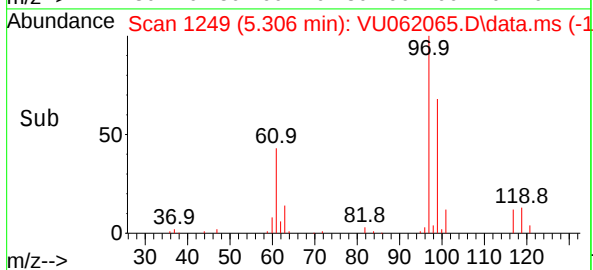
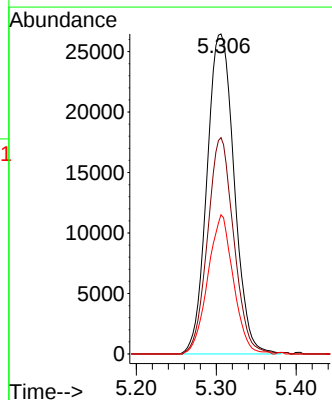
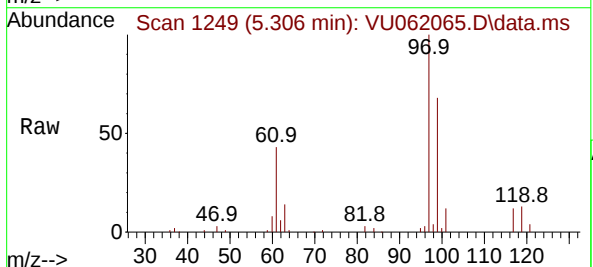


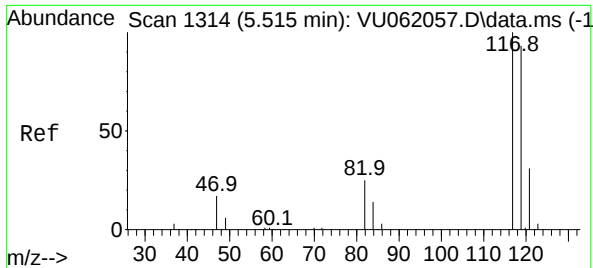
Tgt Ion: 56 Resp: 42243
Ion Ratio Lower Upper
56 100
69 33.0 27.1 40.7
84 88.1 72.1 108.1



#30
1,1,1-Trichloroethane
Concen: 33.318 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

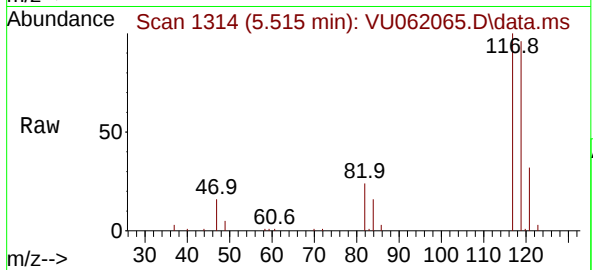
Tgt Ion: 97 Resp: 62598
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 40.8 32.6 48.8



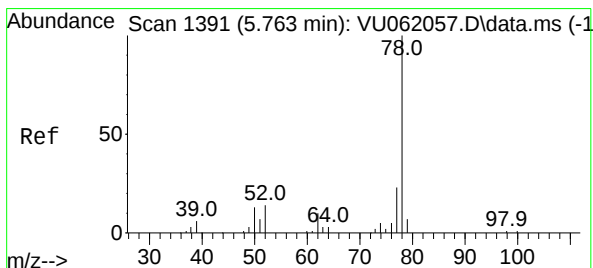
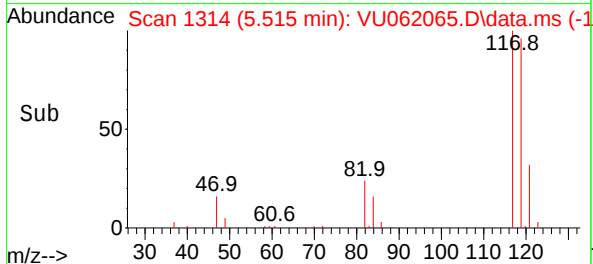
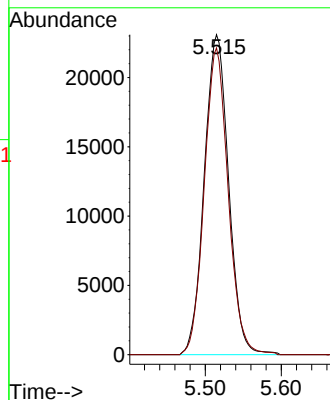


#31
Carbon tetrachloride
Concen: 30.576 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Instrument :
MSVOA_U
ClientSampleId :

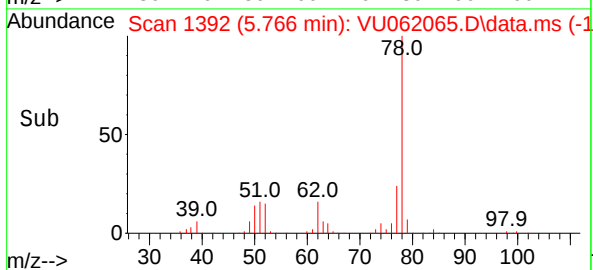
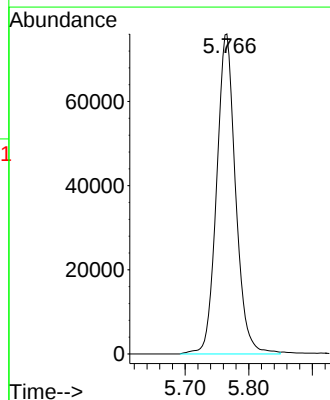
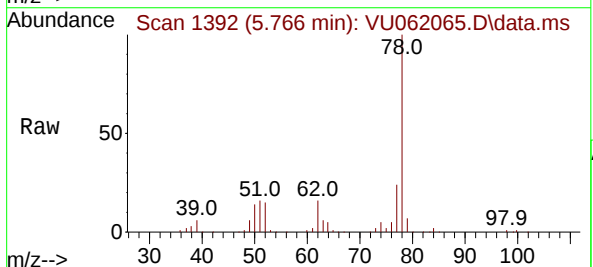


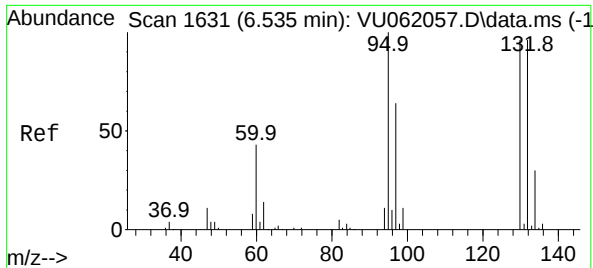
Tgt Ion:117 Resp: 51338
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.6



#33
Benzene
Concen: 36.525 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion: 78 Resp: 157859

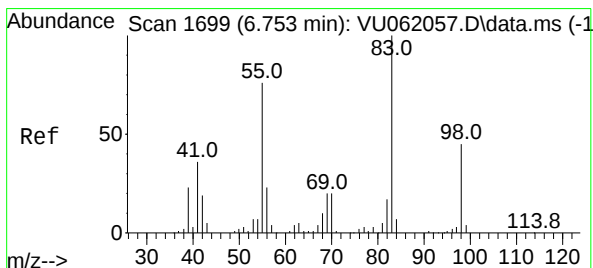
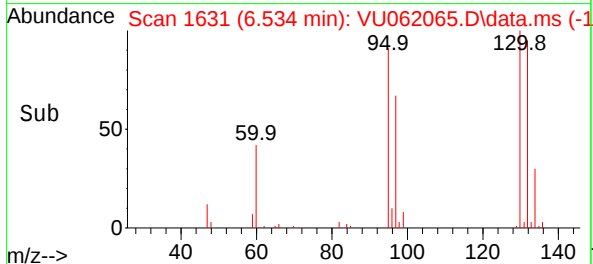
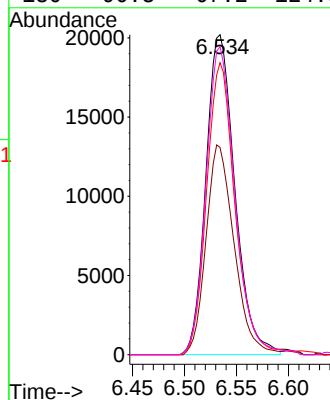
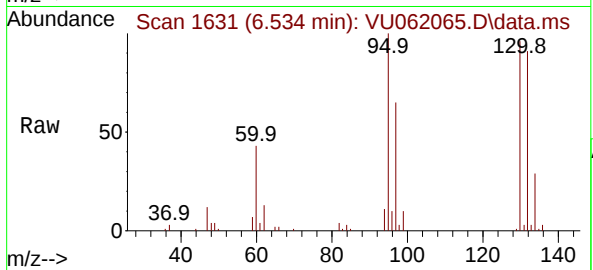




#34
Trichloroethene
Concen: 33.255 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

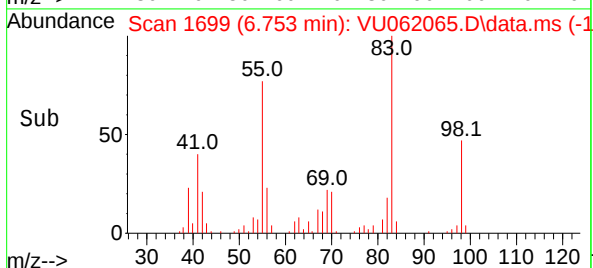
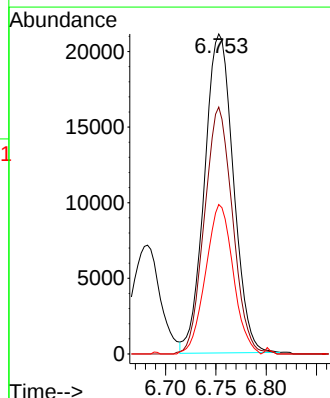
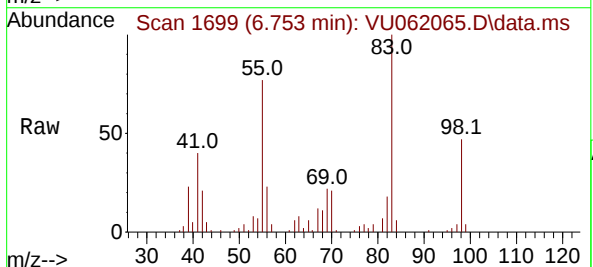
Instrument :
MSVOA_U
ClientSampleId :

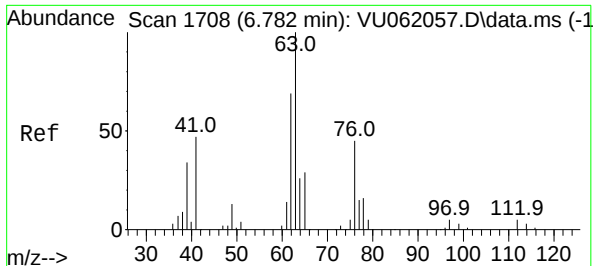
Tgt Ion: 95 Resp: 39246
Ion Ratio Lower Upper
95 100
97 64.8 44.6 82.8
132 91.2 67.3 124.9
130 96.3 67.2 124.8



#35
Methylcyclohexane
Concen: 23.546 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion: 83 Resp: 42124
Ion Ratio Lower Upper
83 100
55 75.5 60.1 90.1
98 44.8 35.8 53.8

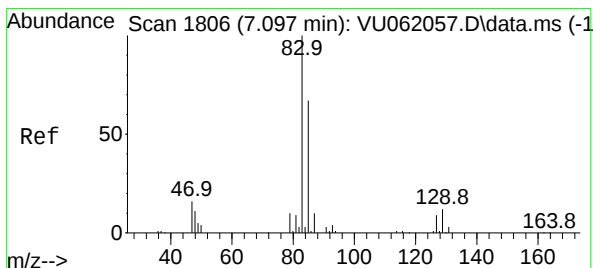
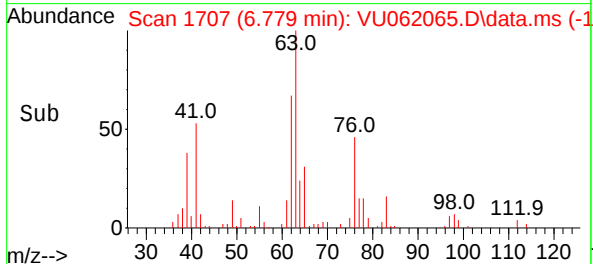
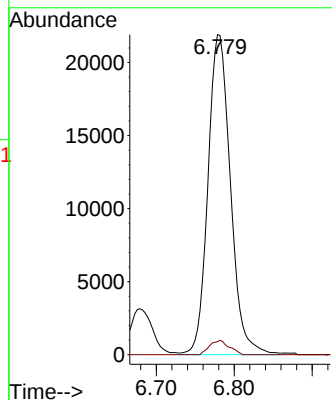
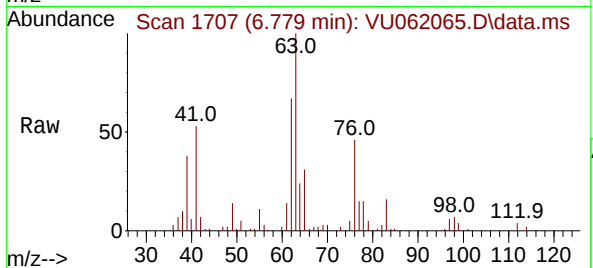




#37
1,2-Dichloropropane
Concen: 38.480 ug/L
RT: 6.779 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

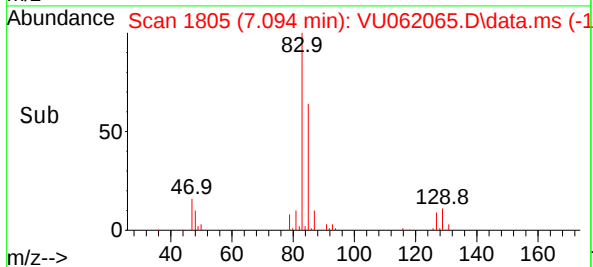
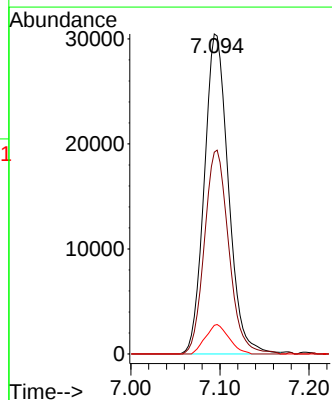
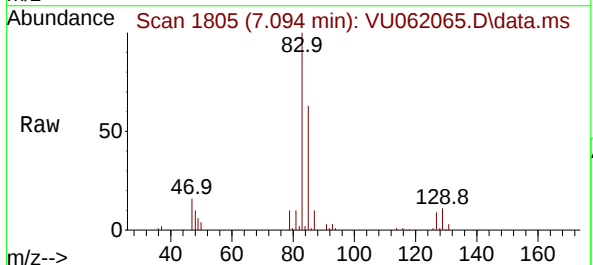
Instrument :
MSVOA_U
ClientSampleId :

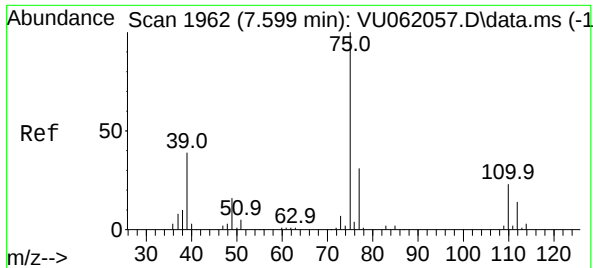
Tgt Ion: 63 Resp: 44007
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 37.138 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.004 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion: 83 Resp: 57226
Ion Ratio Lower Upper
83 100
85 63.1 46.8 87.0
127 8.9 6.8 10.2

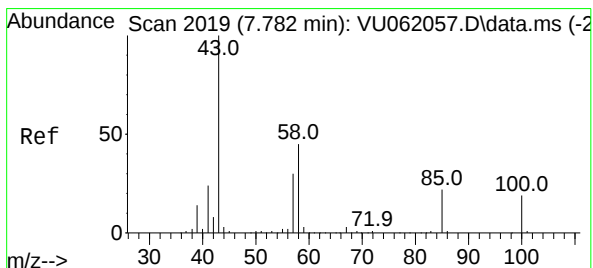
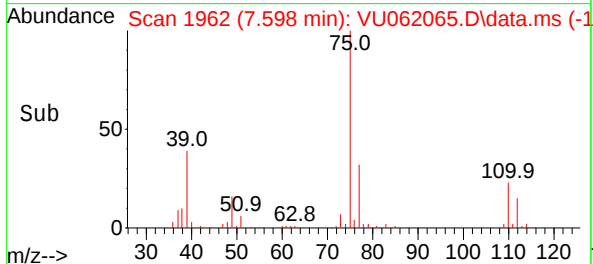
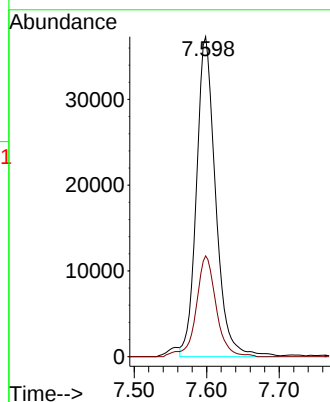
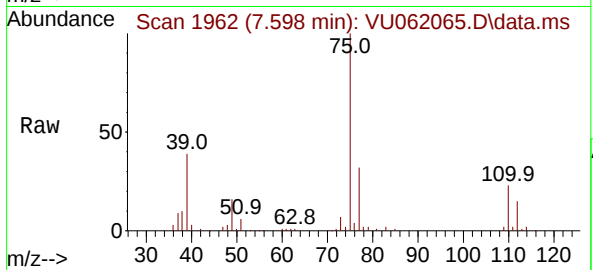




#39
 cis-1,3-Dichloropropene
 Concen: 37.179 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062065.D
 Acq: 27 Nov 2024 20:41

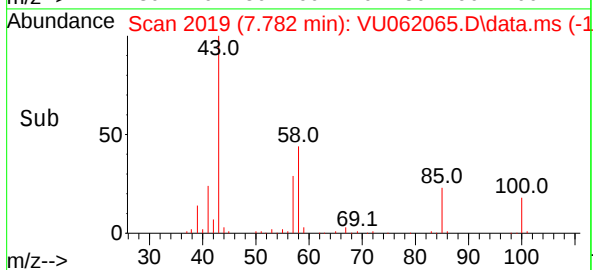
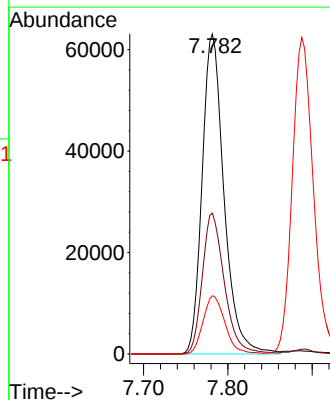
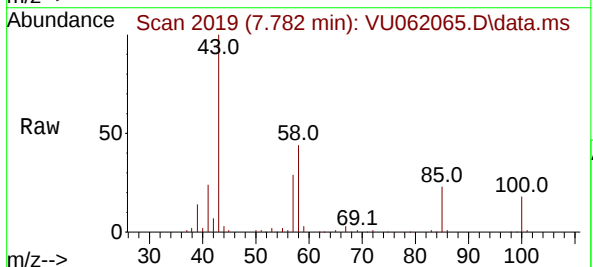
Instrument :
 MSVOA_U
 ClientSampleId :

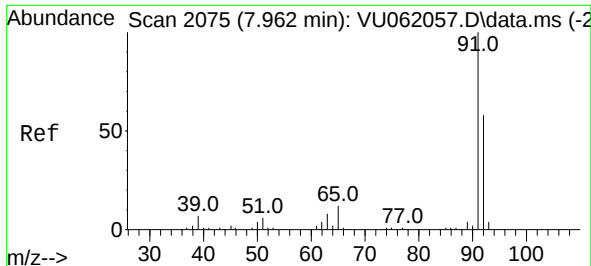
Tgt Ion: 75 Resp: 68658
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 79.966 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062065.D
 Acq: 27 Nov 2024 20:41

Tgt Ion: 43 Resp: 114242
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.7 53.5
 100 18.2 14.6 21.8





#42

Toluene

Concen: 33.418 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.004 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

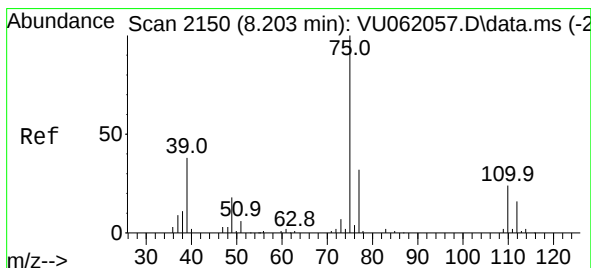
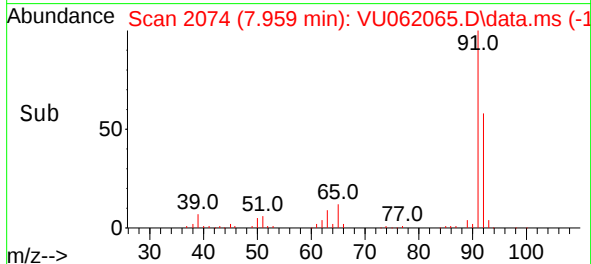
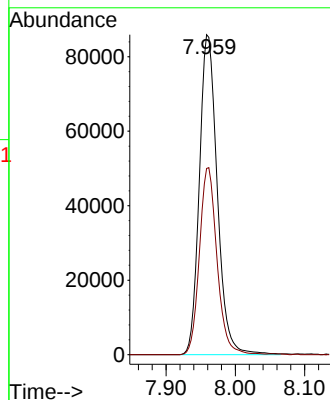
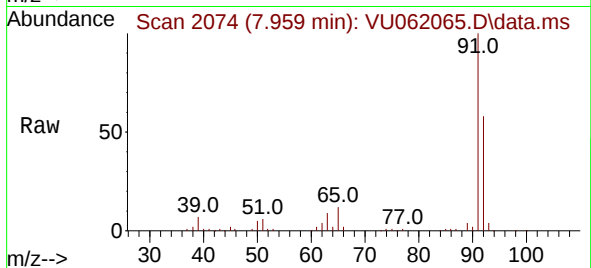
ClientSampleId :

Tgt Ion: 91 Resp: 154401

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 37.126 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.004 min

Lab File: VU062065.D

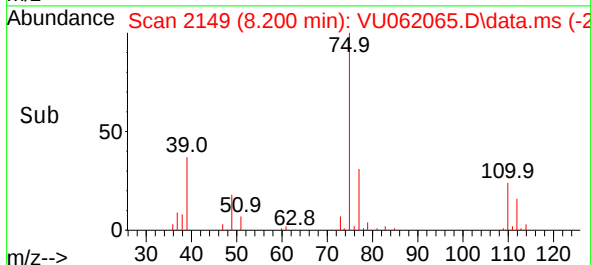
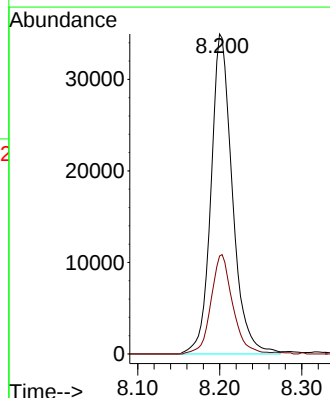
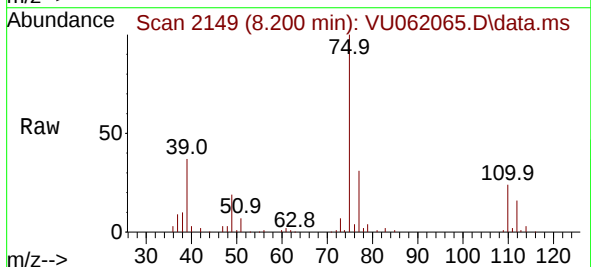
Acq: 27 Nov 2024 20:41

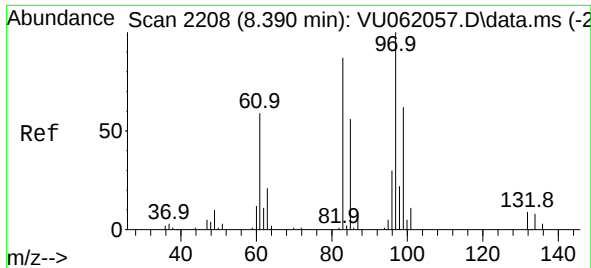
Tgt Ion: 75 Resp: 63397

Ion Ratio Lower Upper

75 100

77 30.6 22.4 41.6



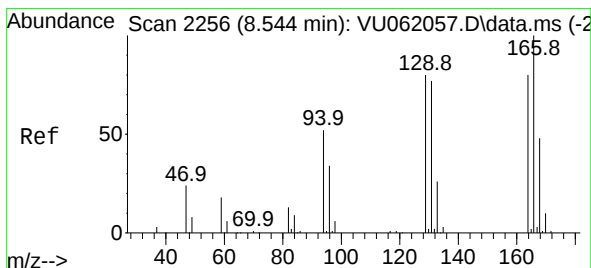
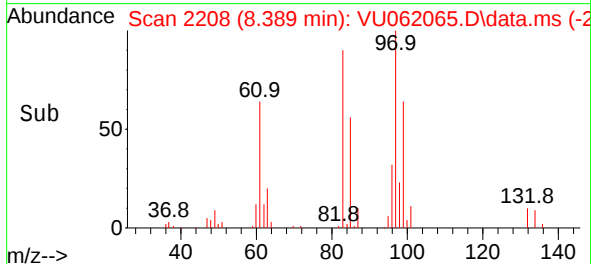
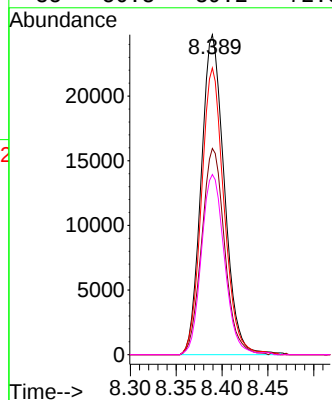
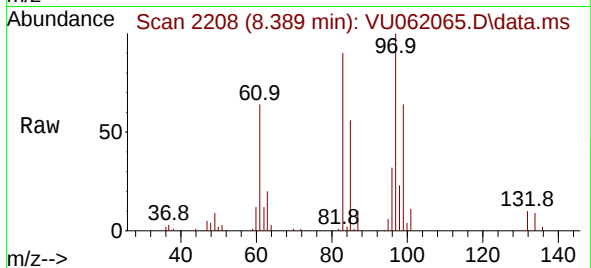


#45
1,1,2-Trichloroethane
Concen: 38.307 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 43477

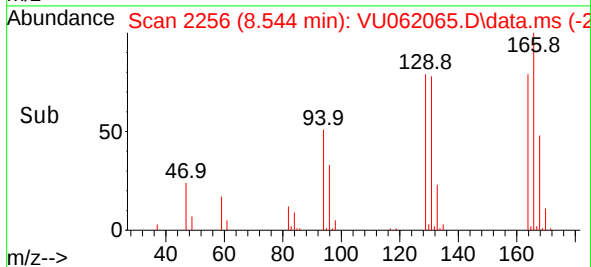
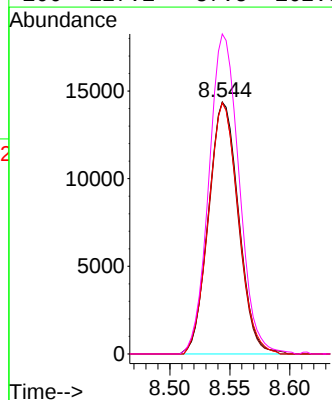
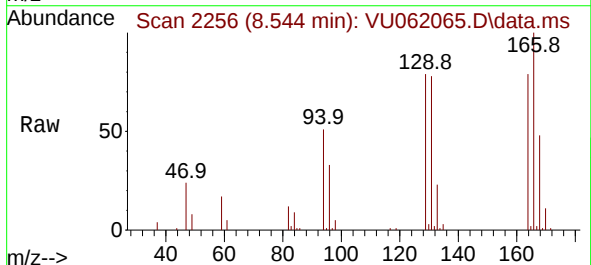
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.5	80.7
83	89.6	60.8	113.0
85	56.3	39.2	72.8

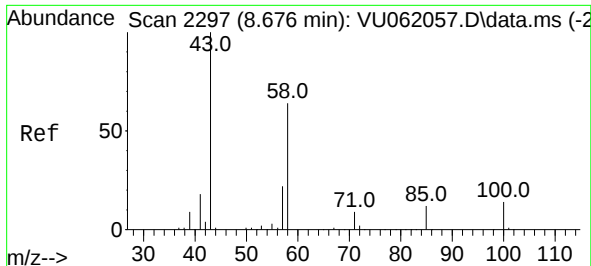


#46
Tetrachloroethene
Concen: 28.097 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion: 164 Resp: 25196

Ion	Ratio	Lower	Upper
164	100		
129	100.0	70.4	130.8
131	99.6	67.8	125.8
166	127.1	87.5	162.5

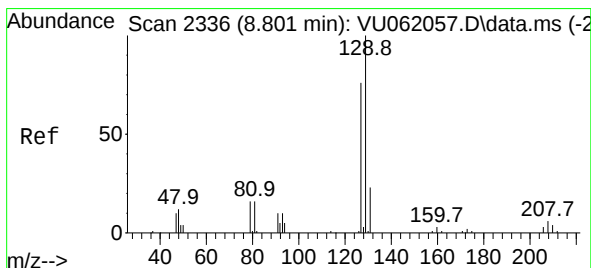
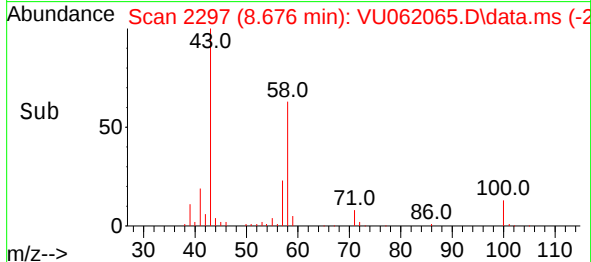
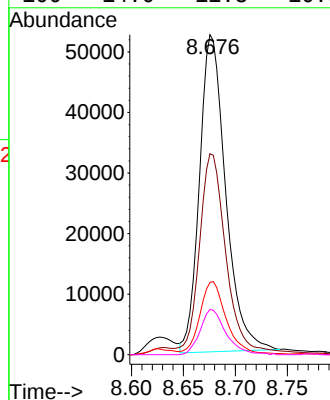
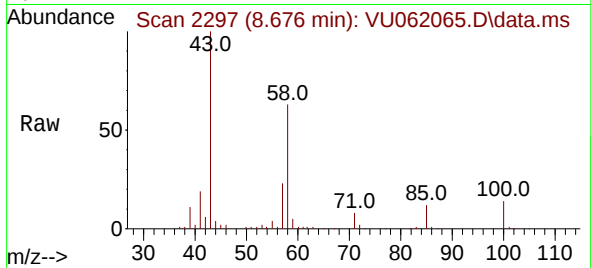




#48
2-Hexanone
Concen: 76.271 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

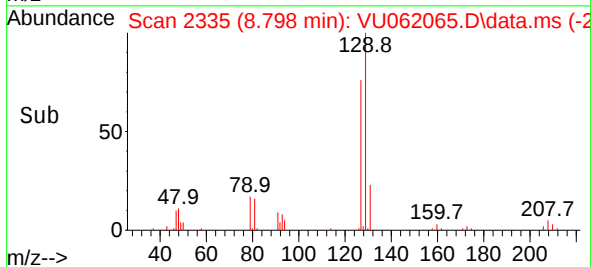
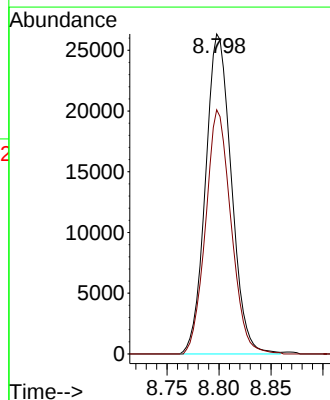
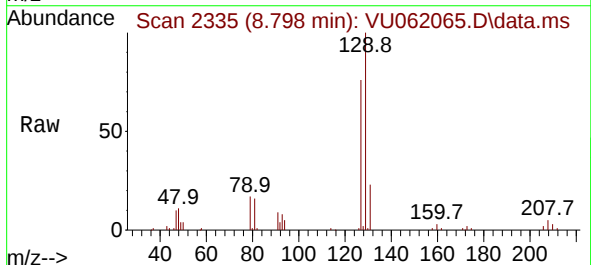
Instrument :
MSVOA_U
ClientSampleId :

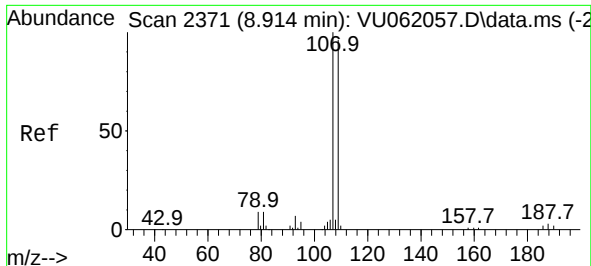
Tgt Ion: 43	Resp: 91855
Ion Ratio	Lower Upper
43 100	
58 63.8	51.7 77.5
57 23.5	18.5 27.7
100 14.0	11.3 16.9



#49
Dibromochloromethane
Concen: 38.485 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.004 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt	Ion:129	Resp:	45641
Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.3	99.1





#50

1,2-Dibromoethane

Concen: 39.669 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

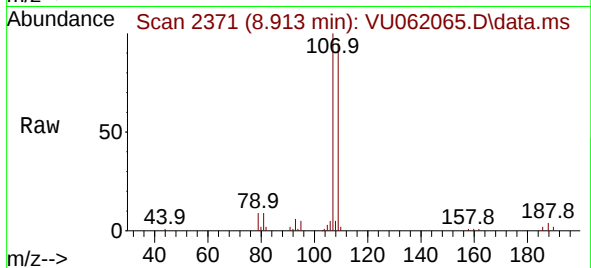
Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :



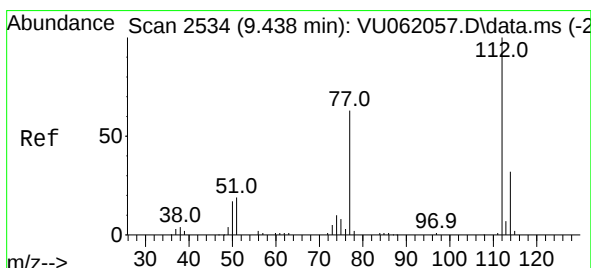
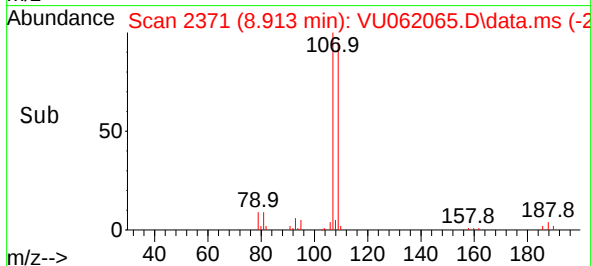
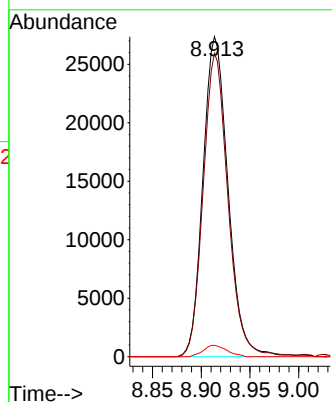
Tgt Ion:107 Resp: 48909

Ion Ratio Lower Upper

107 100

109 94.8 67.1 124.7

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 33.002 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

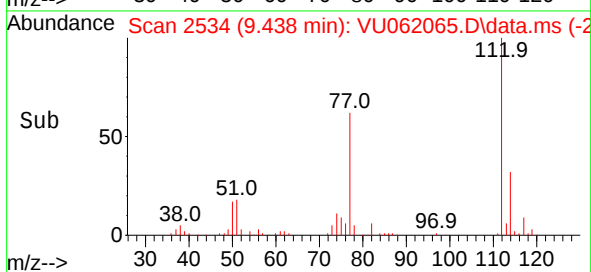
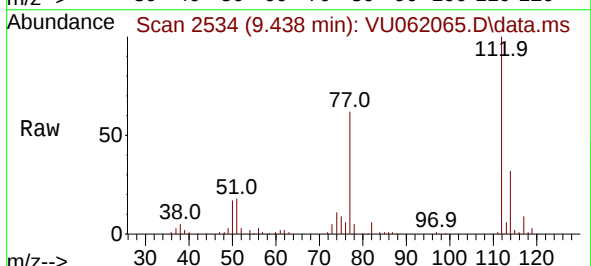
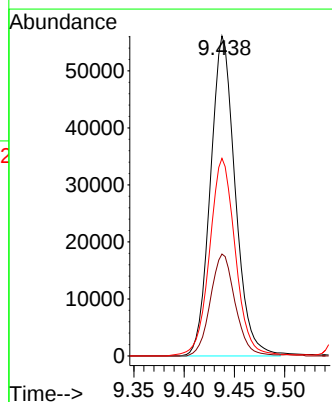
Tgt Ion:112 Resp: 96323

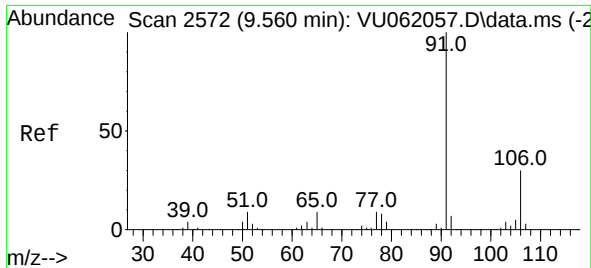
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 61.8 50.8 76.2

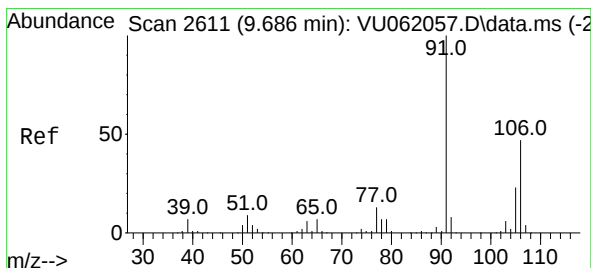
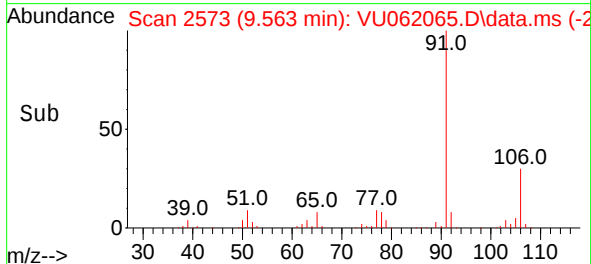
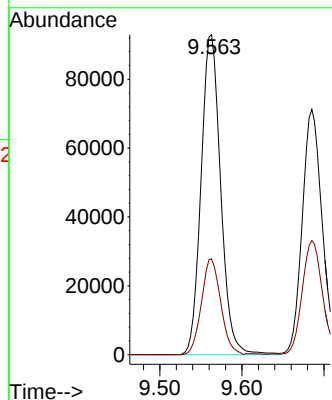
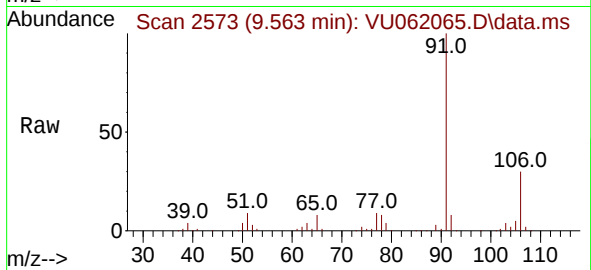




#52
Ethylbenzene
Concen: 30.365 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

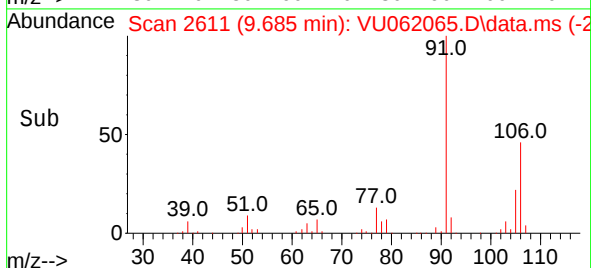
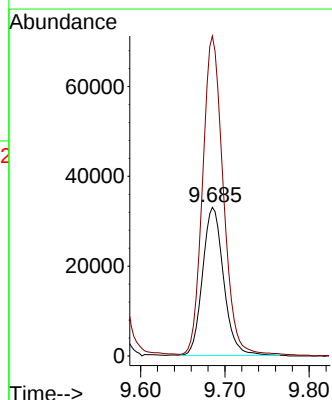
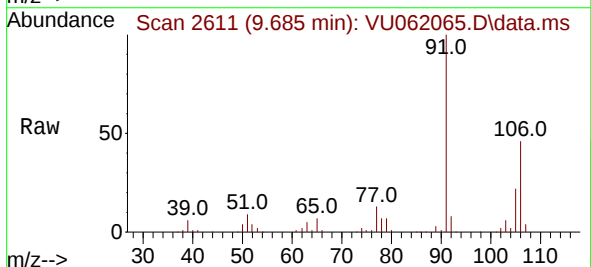
Instrument :
MSVOA_U
ClientSampleId :

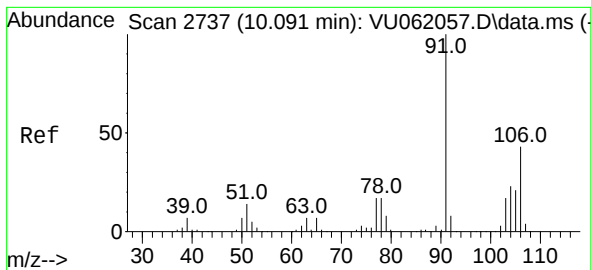
Tgt Ion: 91 Resp: 154125
Ion Ratio Lower Upper
91 100
106 30.0 20.8 38.6



#53
m,p-Xylene
Concen: 30.595 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:106 Resp: 57423
Ion Ratio Lower Upper
106 100
91 215.2 147.9 274.7

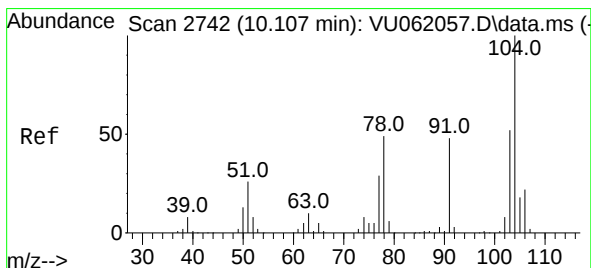
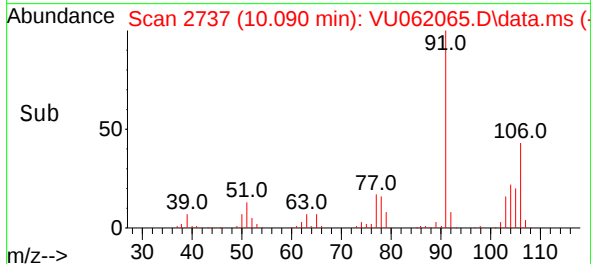
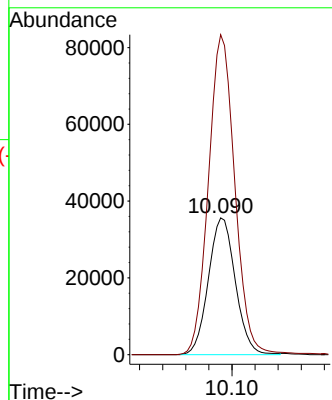
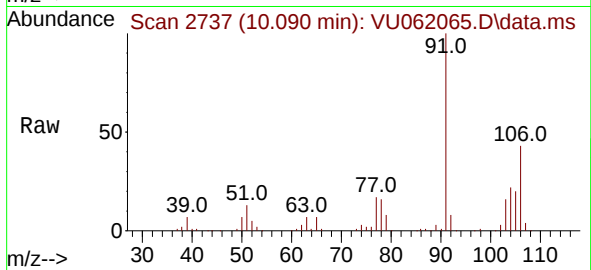




#54
o-Xylene
Concen: 31.460 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

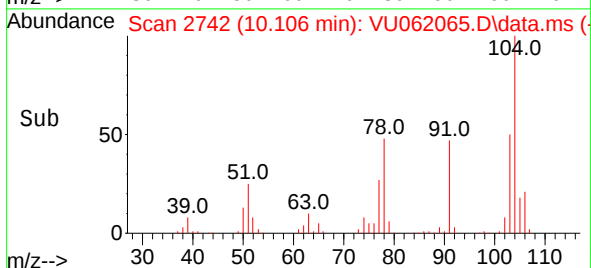
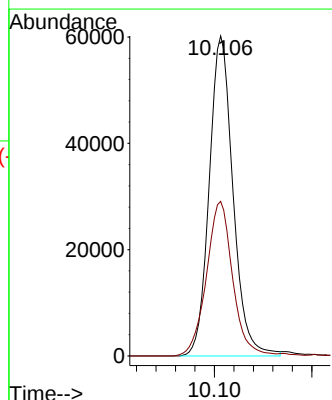
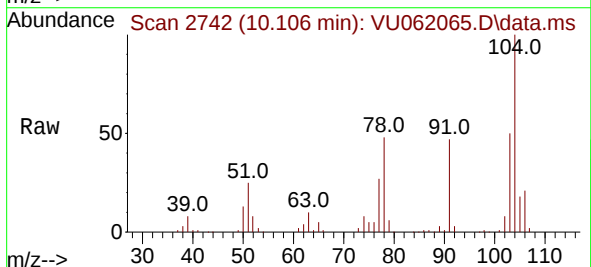
Instrument :
MSVOA_U
ClientSampleId :

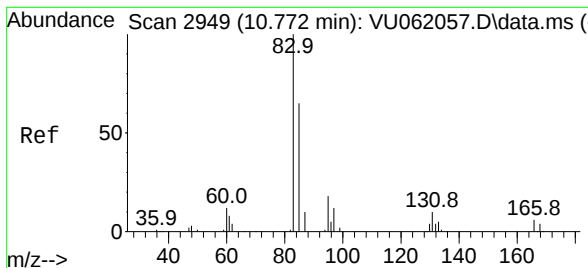
Tgt Ion:106 Resp: 57764
Ion Ratio Lower Upper
106 100
91 233.9 161.0 299.0



#55
Styrene
Concen: 33.040 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:104 Resp: 102072
Ion Ratio Lower Upper
104 100
78 48.3 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 37.919 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

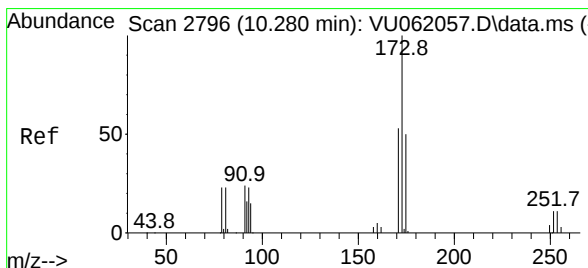
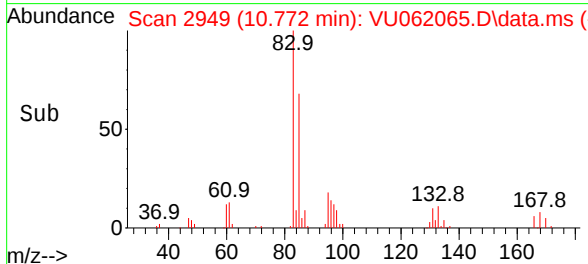
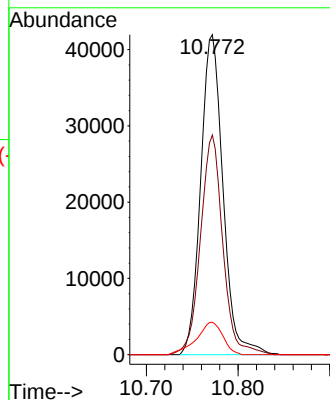
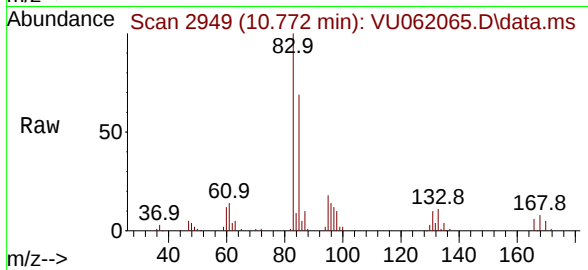
Tgt Ion: 83 Resp: 71025

Ion Ratio Lower Upper

83 100

85 68.7 46.5 86.3

131 10.2 8.4 12.6



#59

Bromoform

Concen: 38.781 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

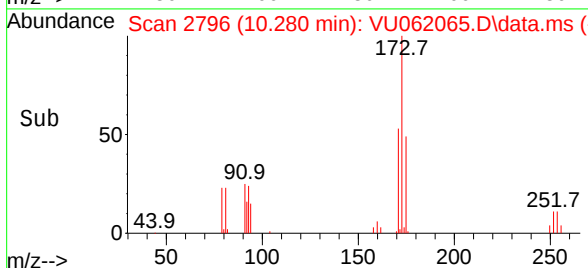
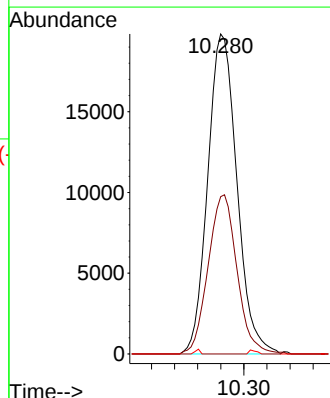
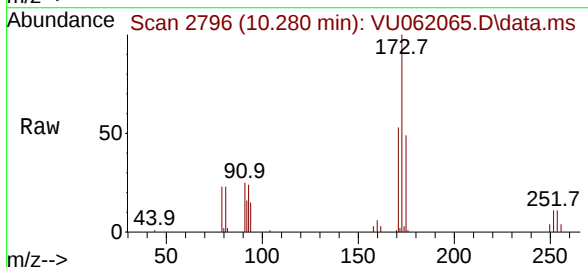
Tgt Ion:173 Resp: 34729

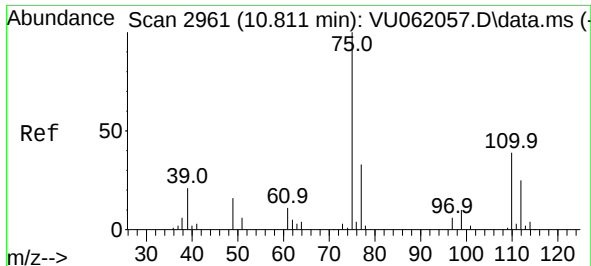
Ion Ratio Lower Upper

173 100

175 49.2 39.2 58.8

254 0.2 1.7 2.5#





#60

1,2,3-Trichloropropane

Concen: 40.824 ug/L

RT: 10.810 min Scan# 2961

Delta R.T. -0.000 min

Lab File: VU062065.D

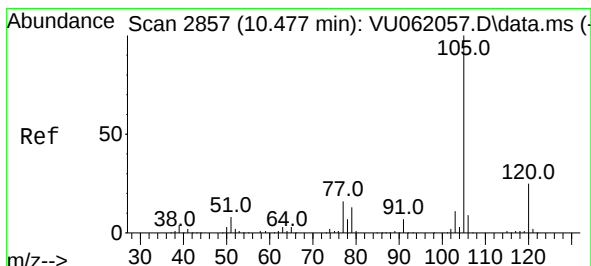
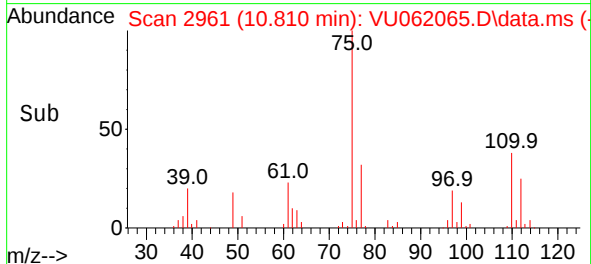
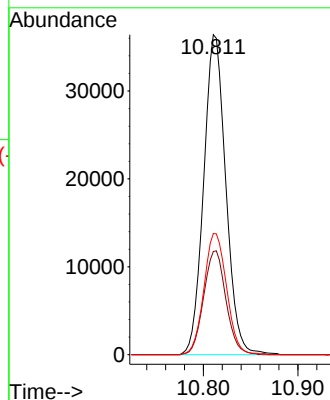
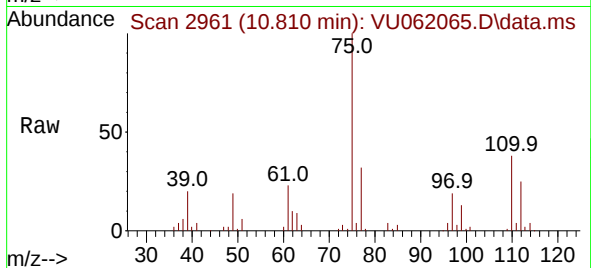
Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	59262
Ion Ratio	Lower	Upper	
75	100		
77	32.6	26.2	39.4
110	38.8	30.7	46.1



#61

Isopropylbenzene

Concen: 29.134 ug/L

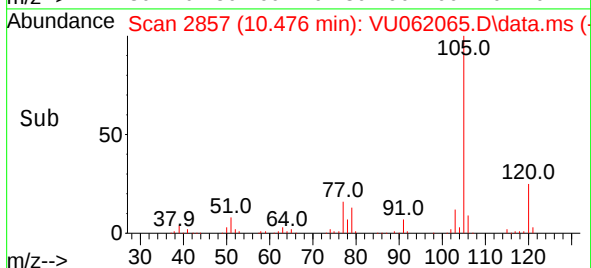
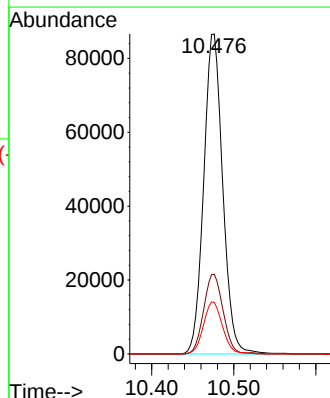
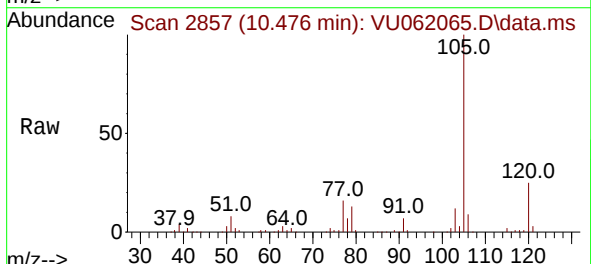
RT: 10.476 min Scan# 2857

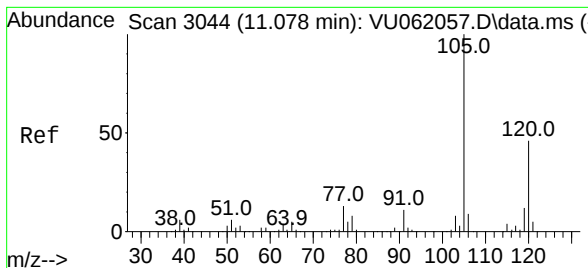
Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Tgt Ion:	105	Resp:	139341
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.0	30.0
77	16.2	13.1	19.7

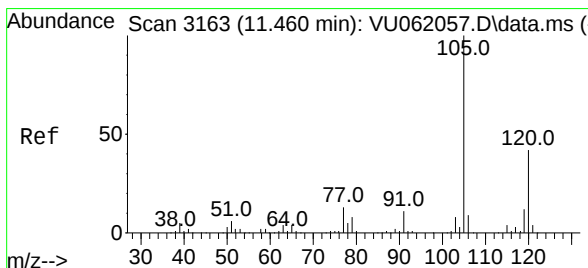
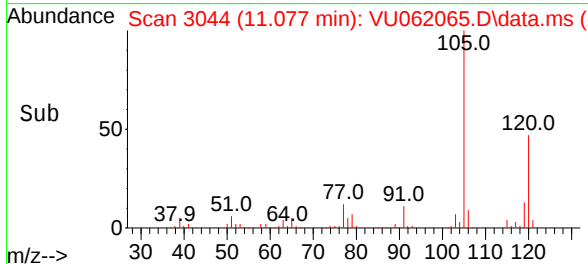
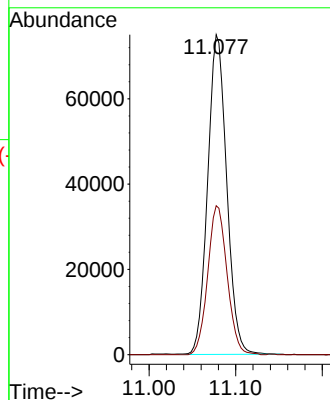
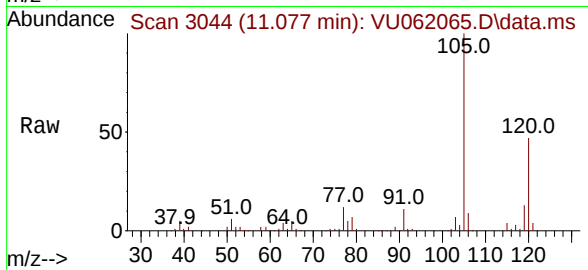




#62
1,3,5-Trimethylbenzene
Concen: 28.116 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

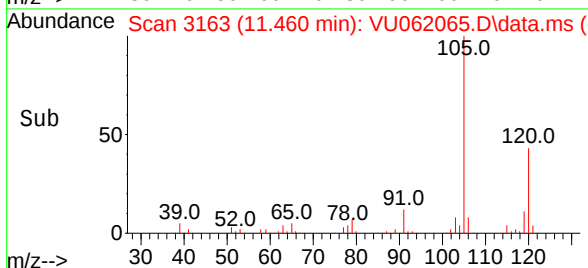
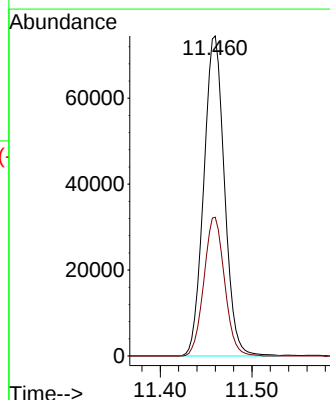
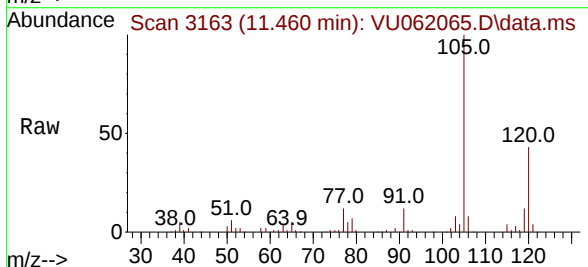
Instrument :
MSVOA_U
ClientSampleId :

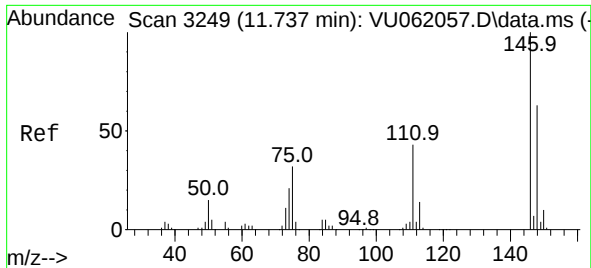
Tgt Ion:105 Resp: 114491
Ion Ratio Lower Upper
105 100
120 47.5 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 29.814 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:105 Resp: 116900
Ion Ratio Lower Upper
105 100
120 43.2 33.8 50.8

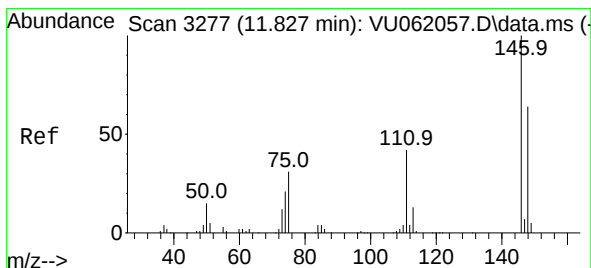
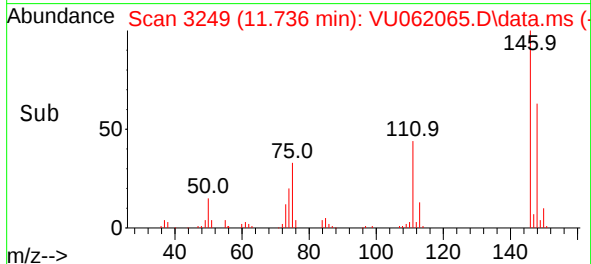
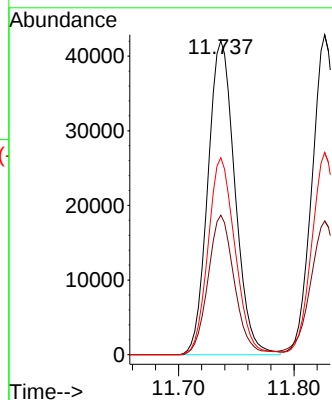
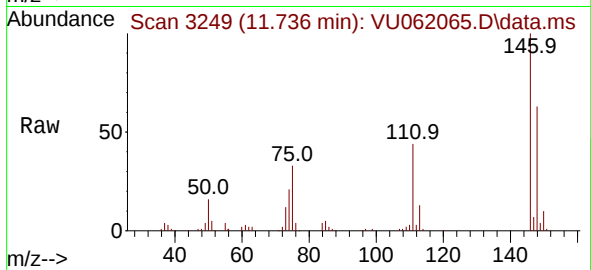




#64
1,3-Dichlorobenzene
Concen: 30.975 ug/L
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

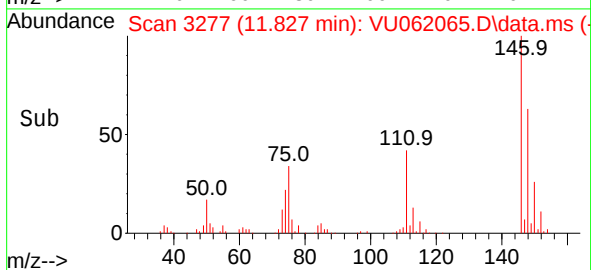
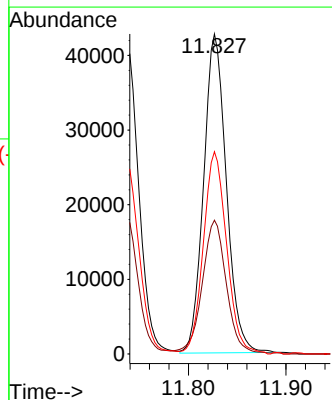
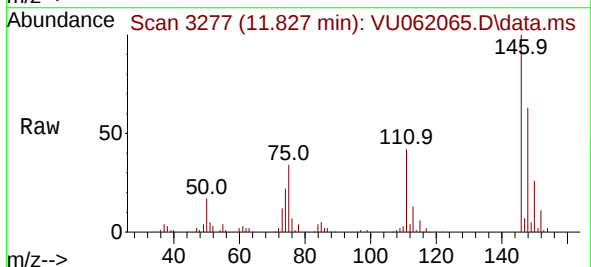
Instrument :
MSVOA_U
ClientSampleId :

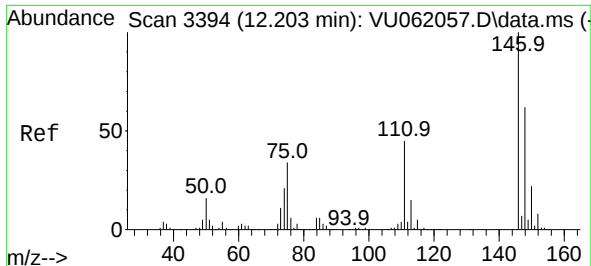
Tgt Ion:146 Resp: 68460
Ion Ratio Lower Upper
146 100
111 44.4 29.8 55.4
148 62.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 30.876 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062065.D
Acq: 27 Nov 2024 20:41

Tgt Ion:146 Resp: 69262
Ion Ratio Lower Upper
146 100
111 41.8 29.4 54.6
148 63.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 33.034 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

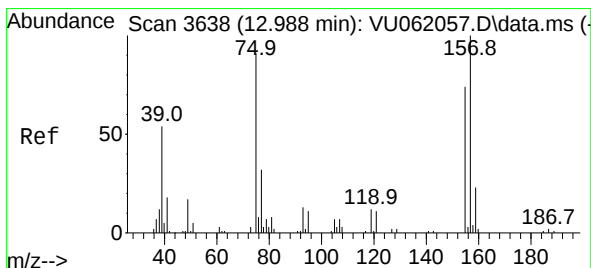
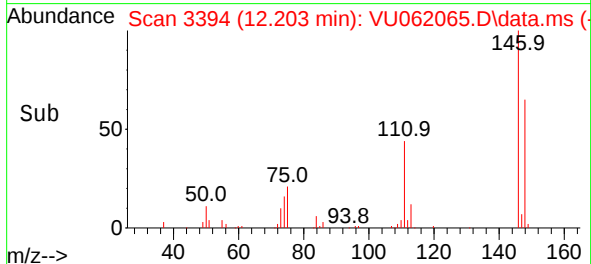
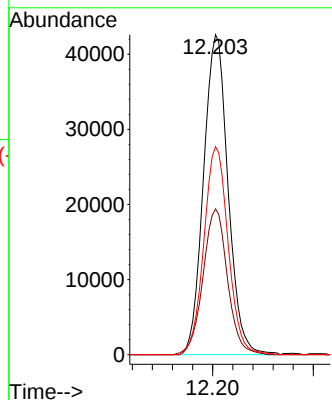
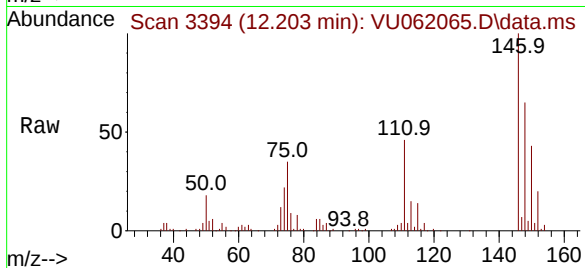
Tgt Ion:146 Resp: 72116

Ion Ratio Lower Upper

146 100

111 45.5 36.1 54.1

148 65.0 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 39.823 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

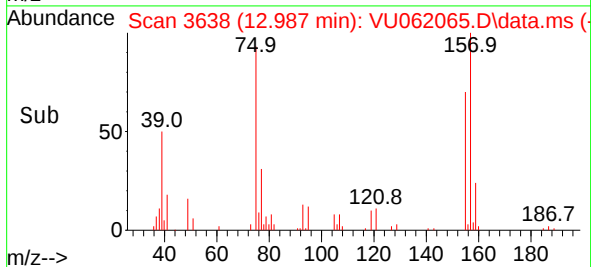
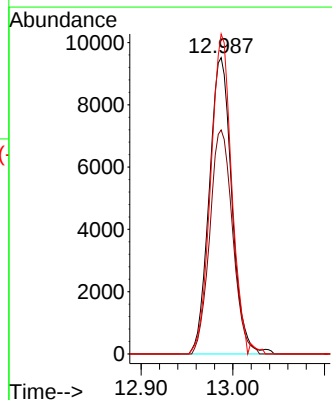
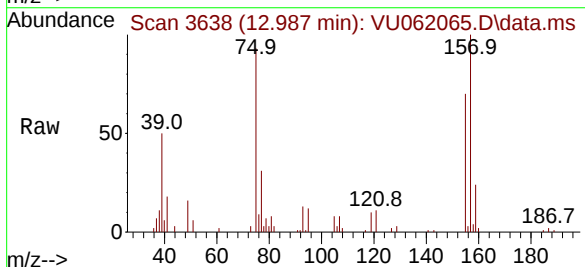
Tgt Ion: 75 Resp: 16292

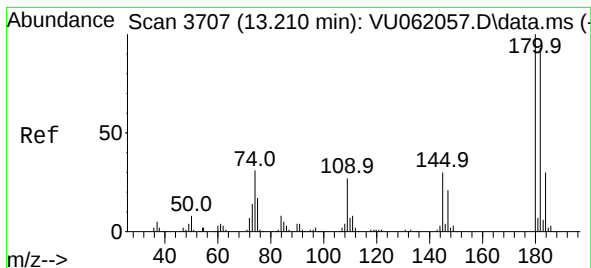
Ion Ratio Lower Upper

75 100

155 75.6 65.1 97.7

157 108.0 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 28.058 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

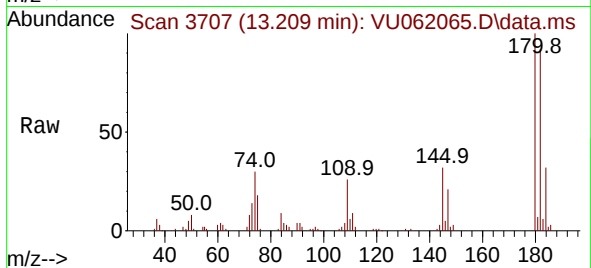
Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 43657

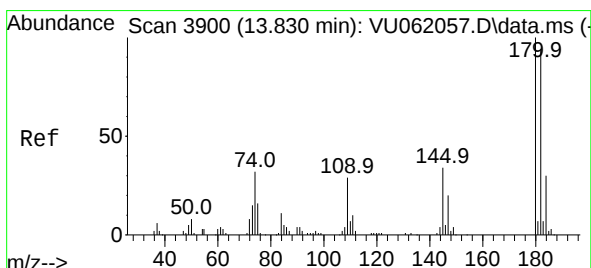
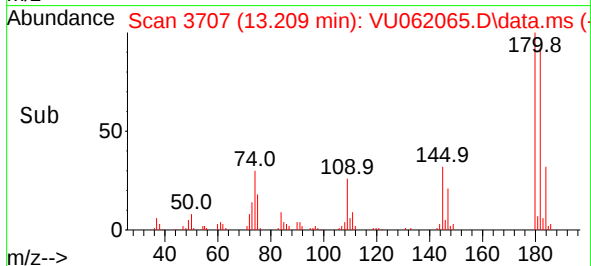
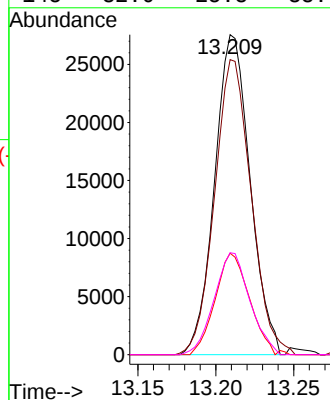
Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

184 30.5 24.2 36.2

145 32.0 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 28.325 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

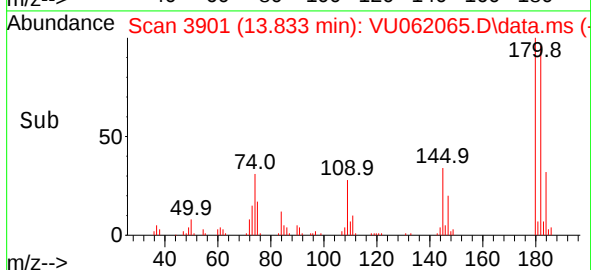
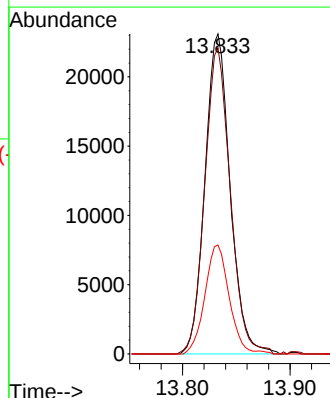
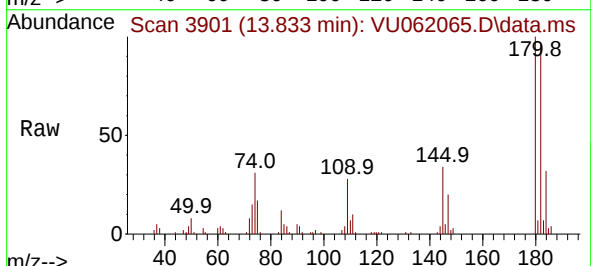
Tgt Ion:180 Resp: 37628

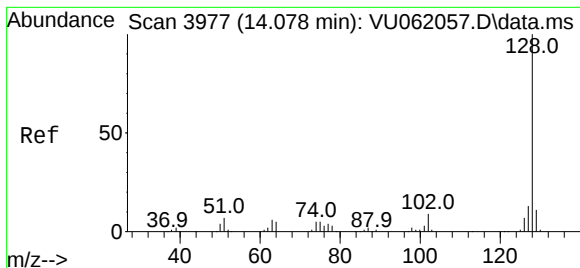
Ion Ratio Lower Upper

180 100

182 96.6 76.6 114.8

145 32.6 27.1 40.7





#71

Naphthalene

Concen: 33.447 ug/L

RT: 14.080 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Instrument :

MSVOA_U

ClientSampleId :

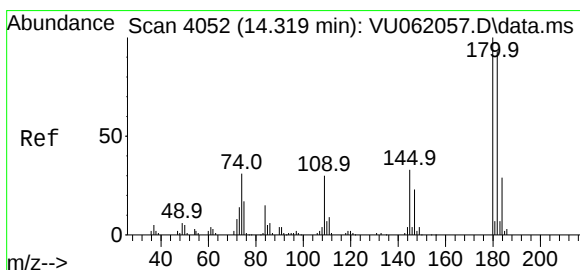
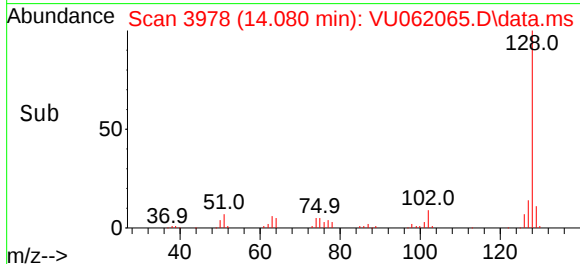
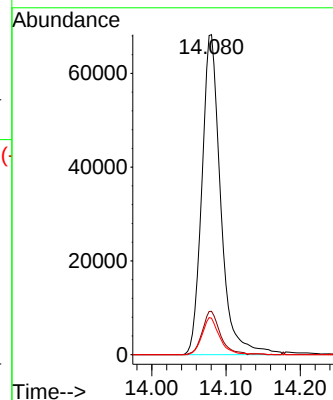
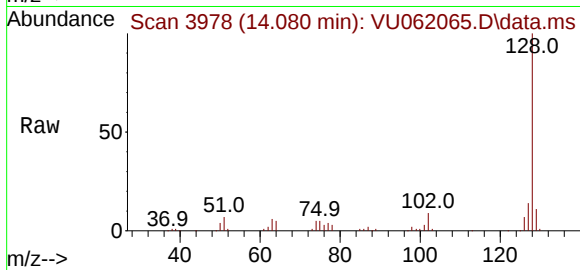
Tgt Ion:128 Resp: 120388

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 30.456 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU062065.D

Acq: 27 Nov 2024 20:41

Tgt Ion:180 Resp: 39055

Ion Ratio Lower Upper

180 100

182 93.3 75.8 113.6

145 35.6 27.4 41.0

