

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062032.D
 Acq On : 25 Nov 2024 19:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 03:49:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125933	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	118401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30123	4.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.907	69	22949	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	13909	5.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.800%
20) 2-Butanone-d5	4.618	46	67104	34.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.180%
24) Chloroform-d	5.052	84	67712	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	34187	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.717	84	125400	5.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.682	67	37299	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.888	98	117152	6.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.800%
43) trans-1,3-Dichloroprop...	8.174	79	14963	5.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.624	63	47300	35.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30519	3.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	42402	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60905	5.528	ug/L	99
3) Chloromethane	1.518	50	51716	4.554	ug/L	99
5) Vinyl chloride	1.599	62	53084	4.550	ug/L	99
6) Bromomethane	1.853	94	31189	4.491	ug/L	99
8) Chloroethane	1.927	64	30538	4.059	ug/L	98
9) Trichlorofluoromethane	2.132	101	83244	5.640	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45393	4.998	ug/L	91
12) 1,1-Dichloroethene	2.573	96	43434	5.143	ug/L	92
13) Acetone	2.628	43	58415	43.616	ug/L	94
14) Carbon disulfide	2.785	76	128475	4.782	ug/L	99
15) Methyl Acetate	2.949	43	15590	4.533	ug/L	91
16) Methylene chloride	3.036	84	46979	4.633	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	113794	5.257	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	45498	5.096	ug/L	93
19) 1,1-Dichloroethane	3.859	63	87065	5.006	ug/L	99
21) 2-Butanone	4.695	43	97551	45.067	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	51370	5.113	ug/L	96
23) Bromochloromethane	4.965	128	22696	5.196	ug/L	89
25) Chloroform	5.078	83	95440	5.250	ug/L	98

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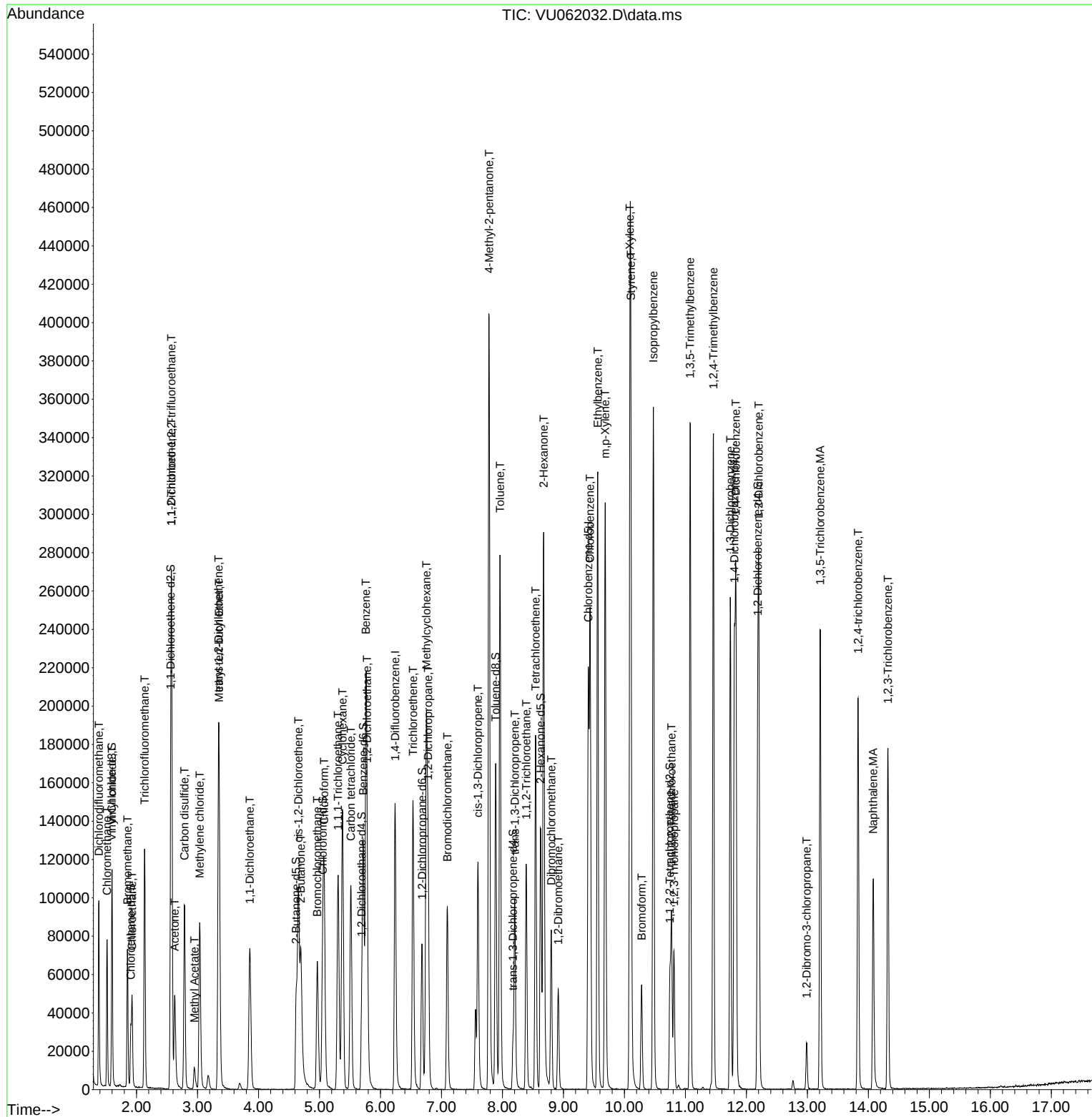
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	57804	4.943	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	85629	6.274	ug/L	95
30) Cyclohexane	5.377	56	74079	5.190	ug/L	97
31) Carbon tetrachloride	5.515	117	75444	6.510	ug/L	99
33) Benzene	5.762	78	197530	5.524	ug/L	100
34) Trichloroethene	6.534	95	53421	5.598	ug/L	96
35) Methylcyclohexane	6.753	83	77925	5.338	ug/L	97
37) 1,2-Dichloropropane	6.782	63	50582	5.445	ug/L	100
38) Bromodichloromethane	7.097	83	65590	5.822	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	76017	5.836	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	250559	49.988	ug/L	94
42) Toluene	7.962	91	212841	5.672	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	61572	5.952	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	37133	5.426	ug/L	98
47) Tetrachloroethene	8.544	164	42093	6.065	ug/L	96
48) 2-Hexanone	8.676	43	180825	48.171	ug/L #	94
49) Dibromochloromethane	8.801	129	43755	6.052	ug/L	97
50) 1,2-Dibromoethane	8.913	107	36100	5.315	ug/L	100
51) Chlorobenzene	9.438	112	136556	5.314	ug/L	98
52) Ethylbenzene	9.563	91	234659	5.226	ug/L	98
53) m,p-Xylene	9.685	106	89476	5.647	ug/L	99
54) o-Xylene	10.090	106	86269	5.394	ug/L	99
55) Styrene	10.106	104	142845	5.421	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	44038	5.021	ug/L	97
59) Bromoform	10.283	173	26056	5.843	ug/L	98
60) Isopropylbenzene	10.476	105	233464	4.991	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	31024	4.473	ug/L	97
62) 1,3,5-Trimethylbenzene	11.077	105	196490	5.266	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	194110	5.218	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107235	5.164	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	104832	5.216	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	97663	5.408	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6969	5.888	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	78827	6.380	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	64433	6.804	ug/L	98
71) Naphthalene	14.080	128	96625	6.331	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54974	6.741	ug/L	97

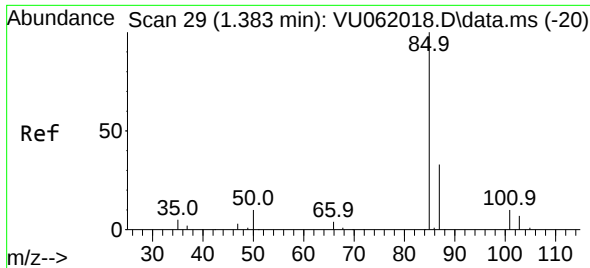
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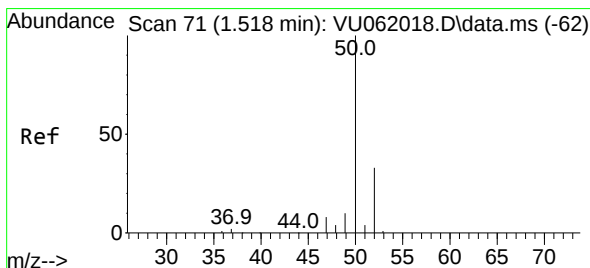
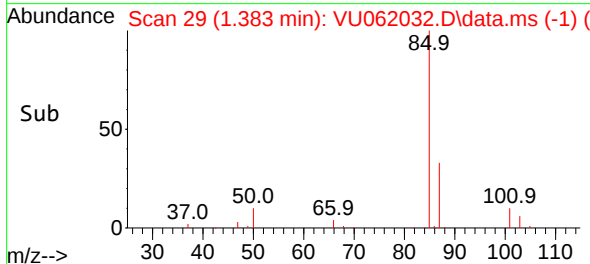
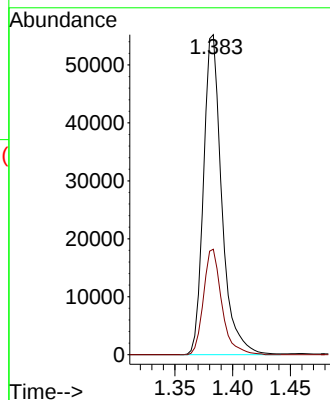
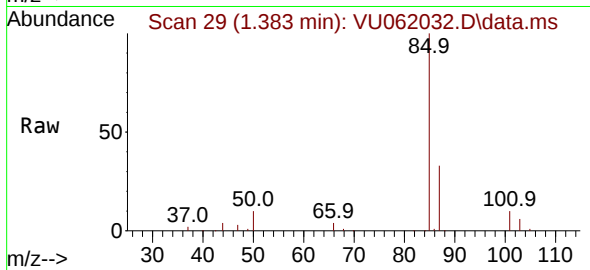




#2
Dichlorodifluoromethane
Concen: 5.528 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

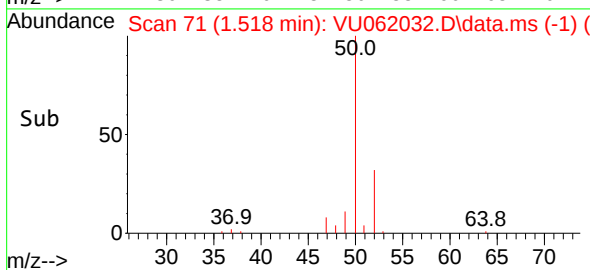
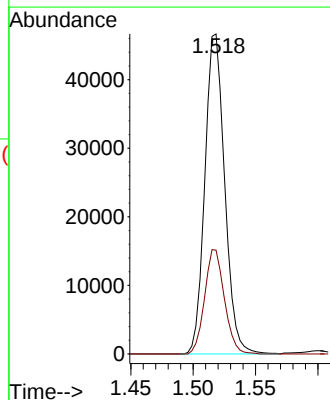
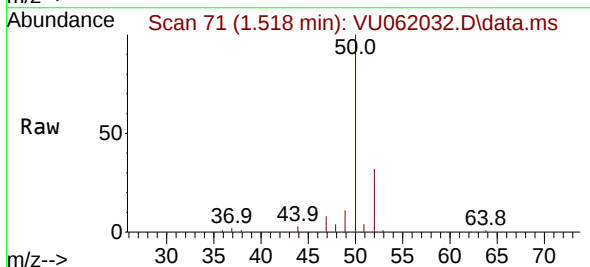
Instrument :
MSVOA_U
ClientSampleId :

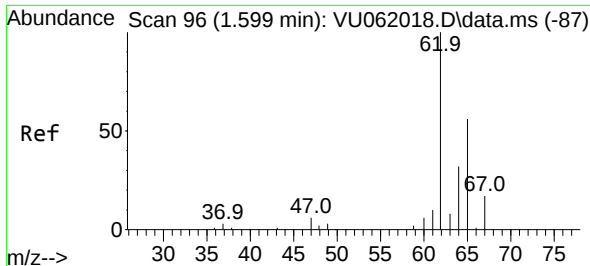
Tgt Ion: 85 Resp: 60905
Ion Ratio Lower Upper
85 100
87 33.0 26.6 40.0



#3
Chloromethane
Concen: 4.554 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

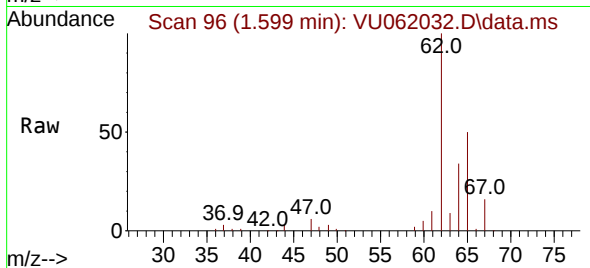
Tgt Ion: 50 Resp: 51716
Ion Ratio Lower Upper
50 100
52 32.5 23.1 42.9



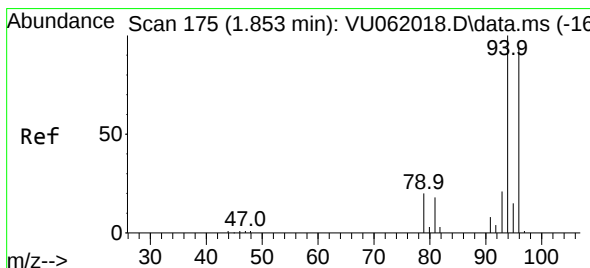
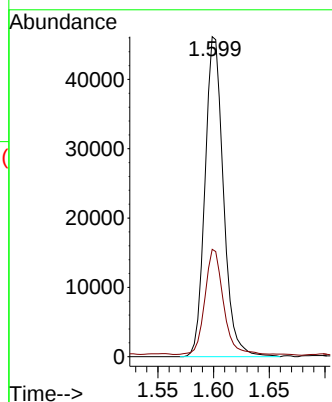
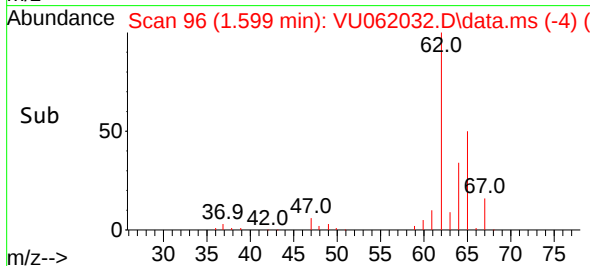


#5
 Vinyl chloride
 Concen: 4.550 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU062032.D
 Acq: 25 Nov 2024 19:26

Instrument :
 MSVOA_U
 ClientSampleId :

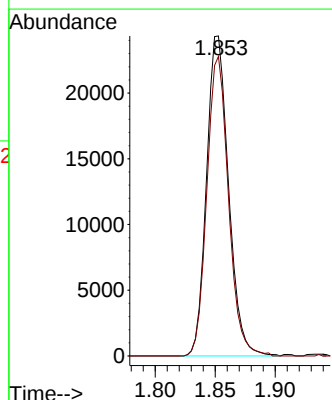
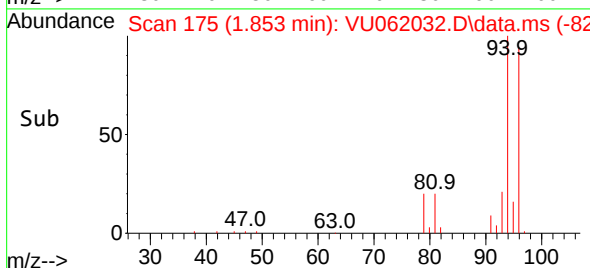
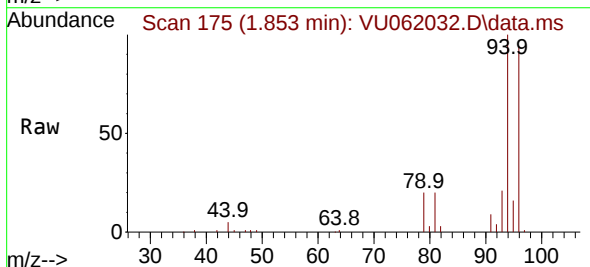


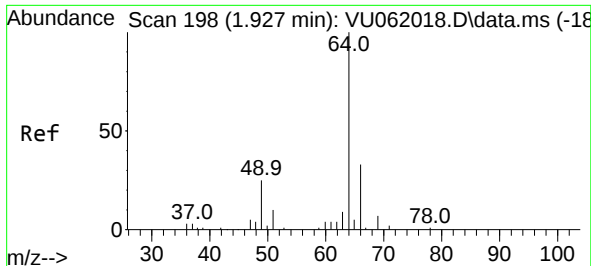
Tgt Ion: 62 Resp: 53084
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.1 42.9



#6
 Bromomethane
 Concen: 4.491 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062032.D
 Acq: 25 Nov 2024 19:26

Tgt Ion: 94 Resp: 31189
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.5 119.9





#8

Chloroethane

Concen: 4.059 ug/L

RT: 1.927 min Scan# 198

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

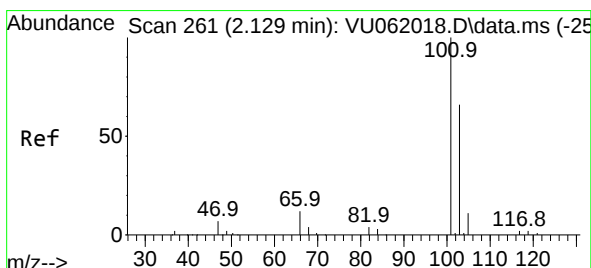
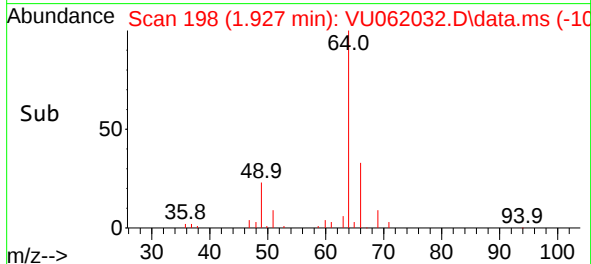
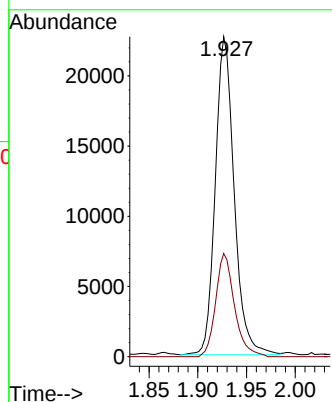
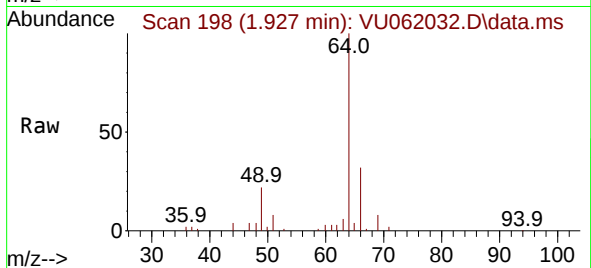
ClientSampleId :

Tgt Ion: 64 Resp: 30538

Ion Ratio Lower Upper

64 100

66 32.2 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.640 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU062032.D

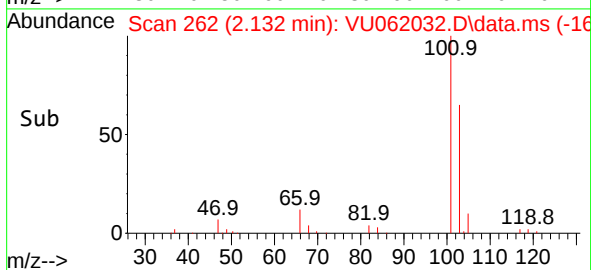
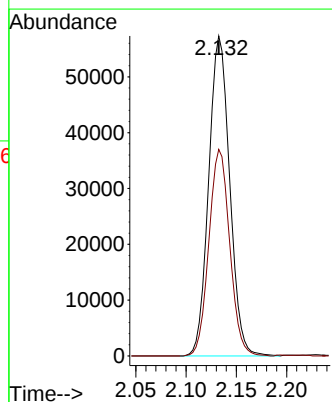
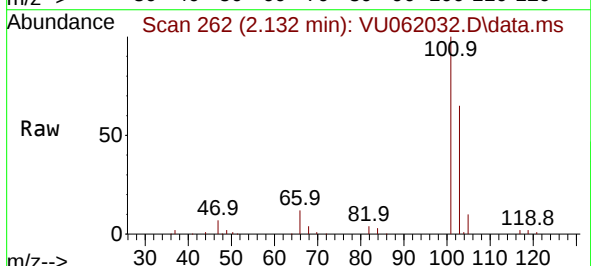
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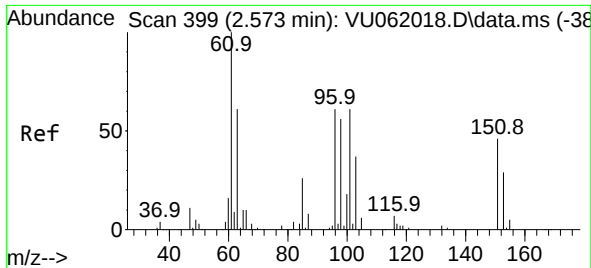
Tgt Ion:101 Resp: 83244

Ion Ratio Lower Upper

101 100

103 64.1 50.6 75.8

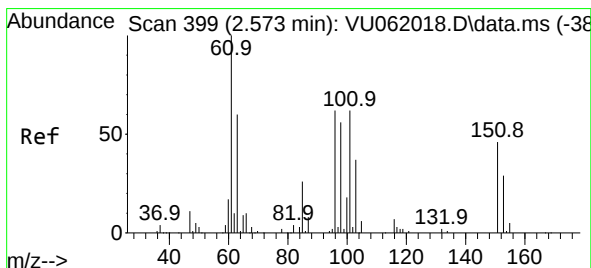
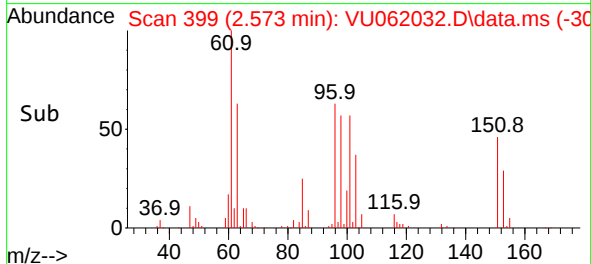
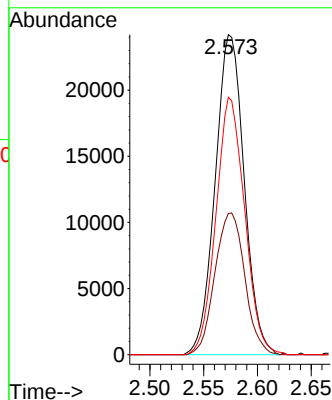
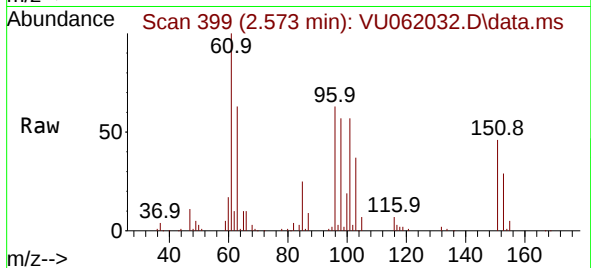




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.998 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062032.D
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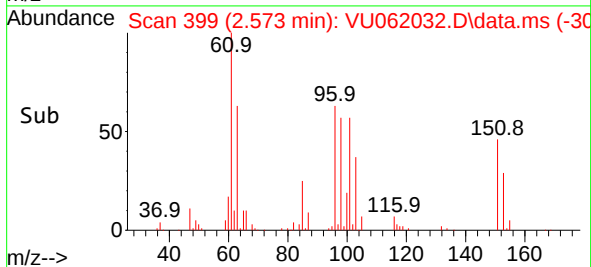
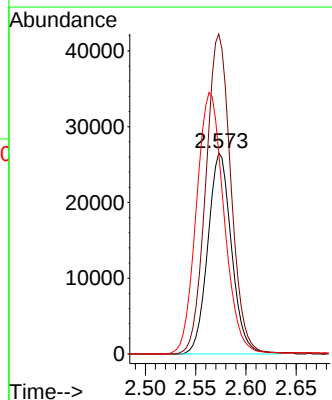
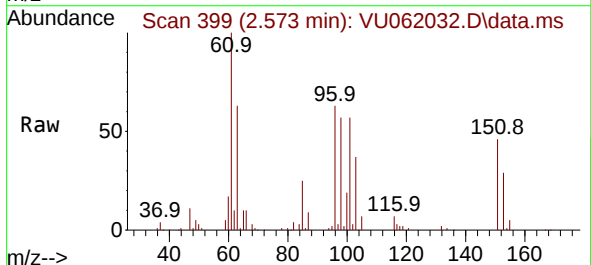
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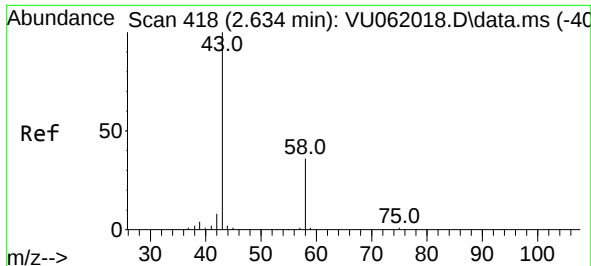
Tgt Ion:101 Resp: 45393
 Ion Ratio Lower Upper
 101 100
 85 45.5 38.0 57.0
 151 79.8 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 5.143 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062032.D
 Acq: 25 Nov 2024 19:26

Tgt Ion: 96 Resp: 43434
 Ion Ratio Lower Upper
 96 100
 61 159.1 119.6 222.2
 63 100.2 65.0 120.6





#13

Acetone

Concen: 43.616 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU062032.D

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Instrument :

MSVOA_U

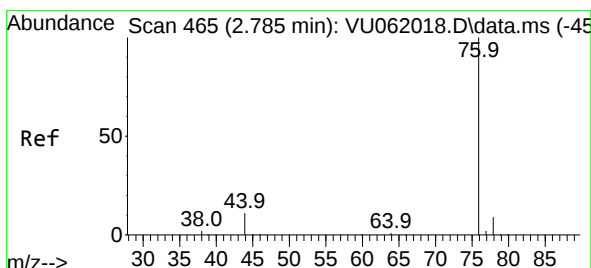
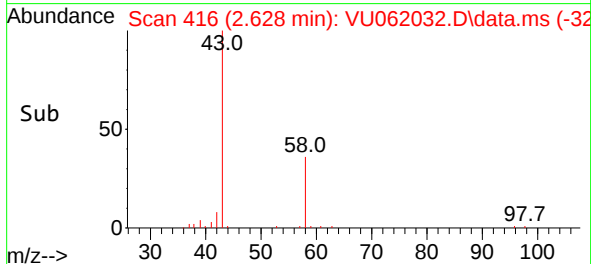
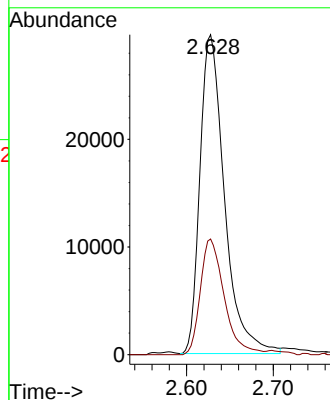
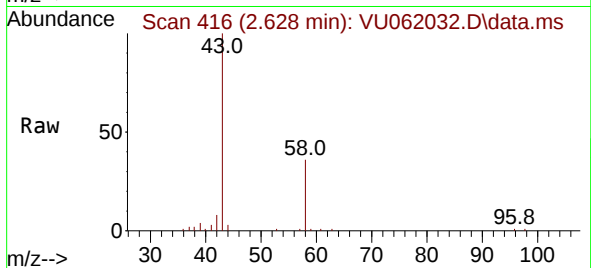
ClientSampleId :

Tgt Ion: 43 Resp: 58415

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.782 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

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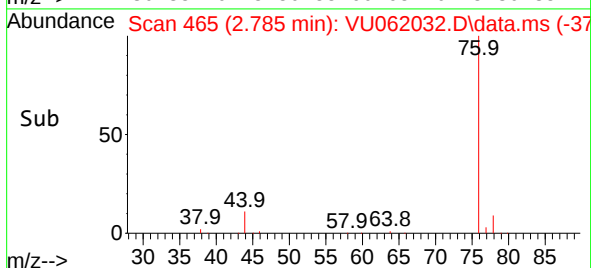
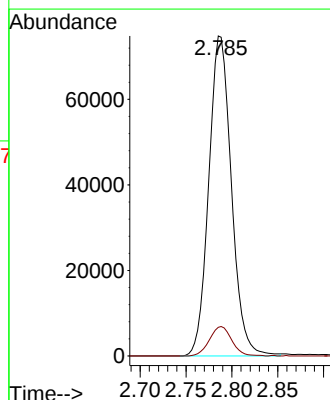
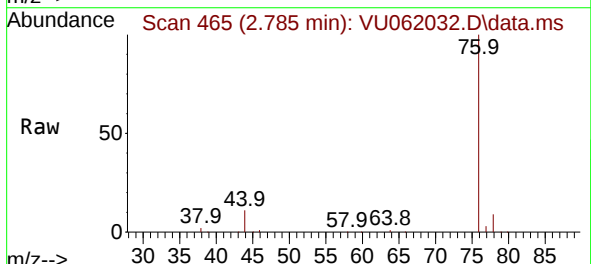
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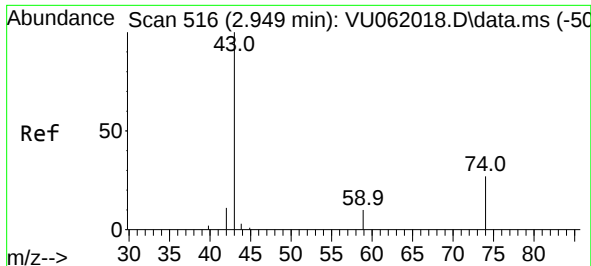
Tgt Ion: 76 Resp: 128475

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

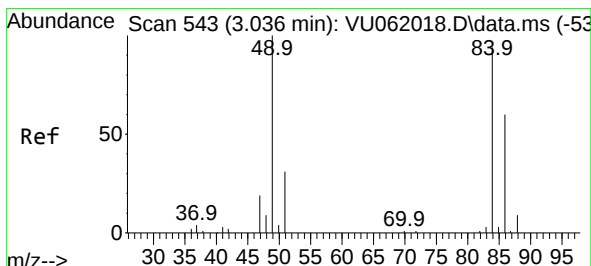
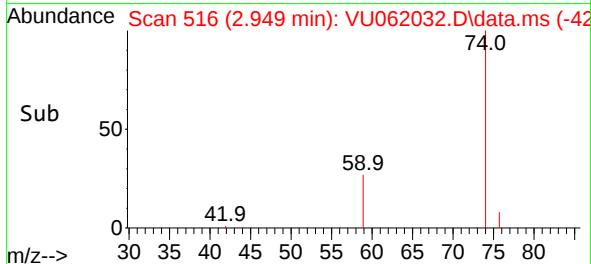
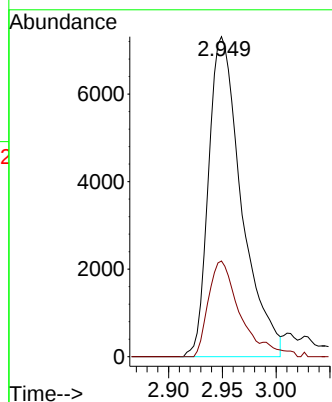
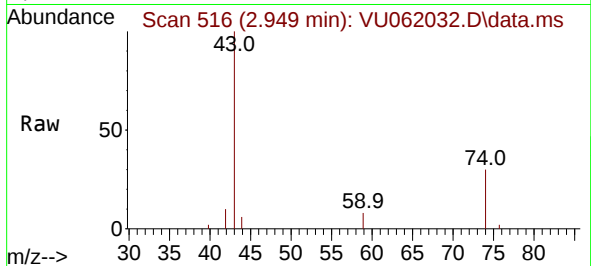




#15
Methyl Acetate
Concen: 4.533 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

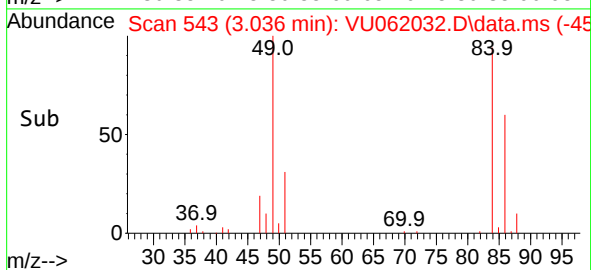
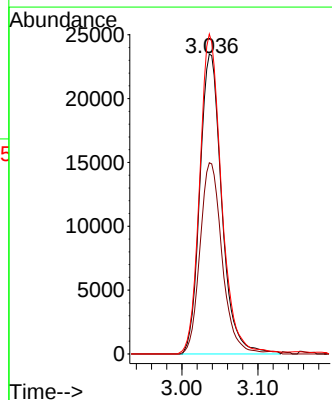
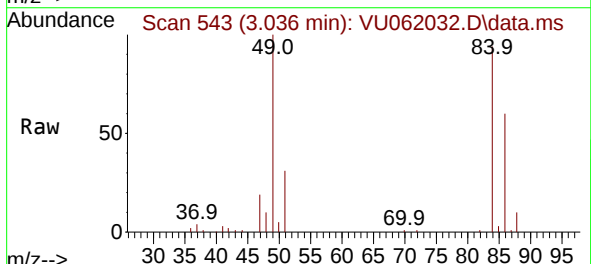
Instrument :
MSVOA_U
ClientSampleId :

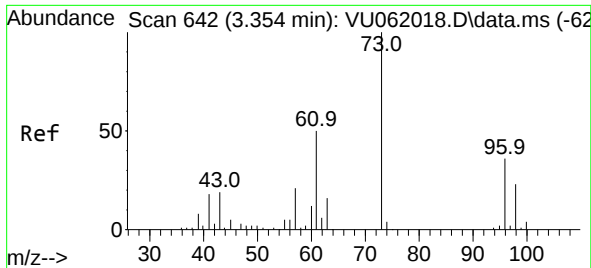
Tgt Ion: 43 Resp: 15590
Ion Ratio Lower Upper
43 100
74 29.0 19.4 29.2



#16
Methylene chloride
Concen: 4.633 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 84 Resp: 46979
Ion Ratio Lower Upper
84 100
86 63.8 43.5 80.7
49 106.7 81.9 152.1

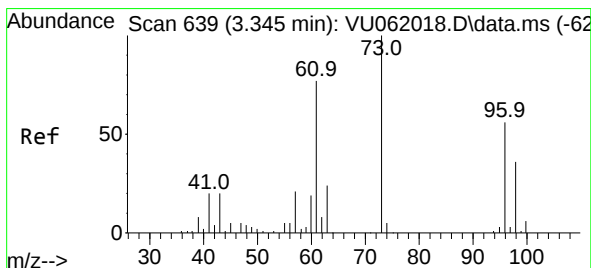
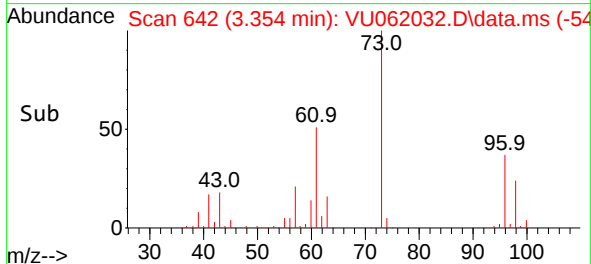
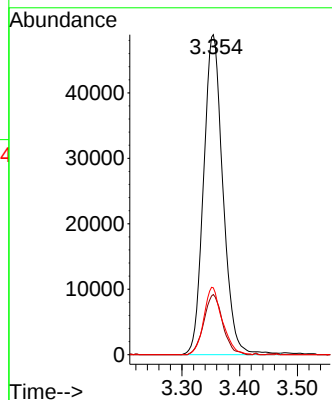
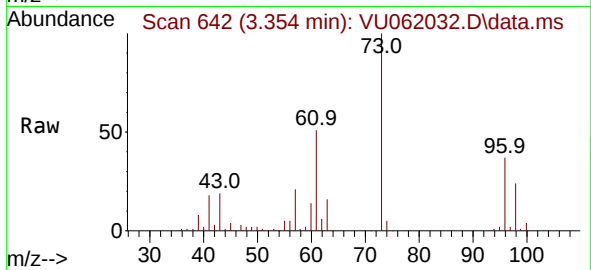




#17
Methyl tert-butyl Ether
Concen: 5.257 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

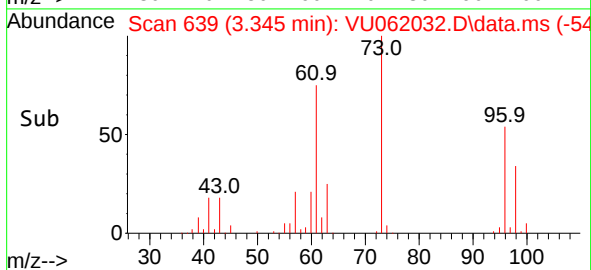
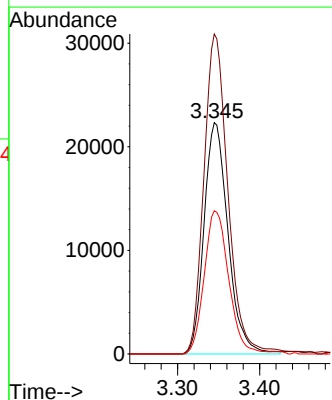
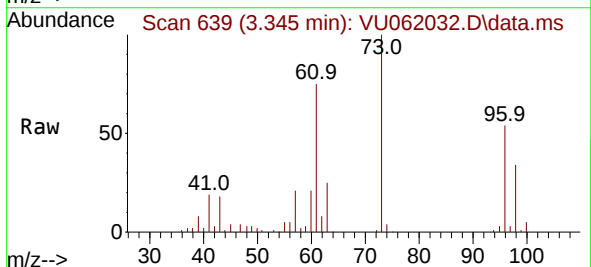
Instrument :
MSVOA_U
ClientSampleId :

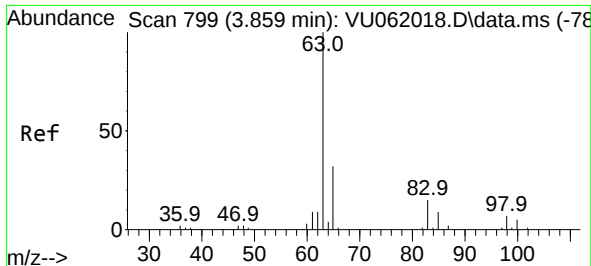
Tgt Ion: 73 Resp: 113794
Ion Ratio Lower Upper
73 100
43 18.3 16.3 24.5
57 20.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.096 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 96 Resp: 45498
Ion Ratio Lower Upper
96 100
61 138.3 104.2 193.4
98 61.9 45.7 84.9

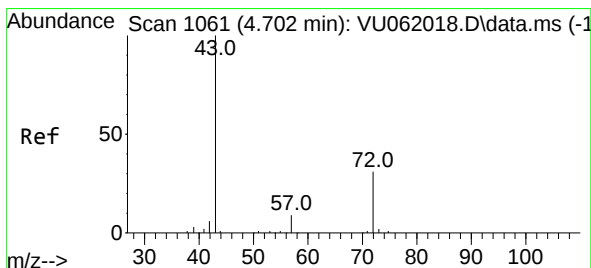
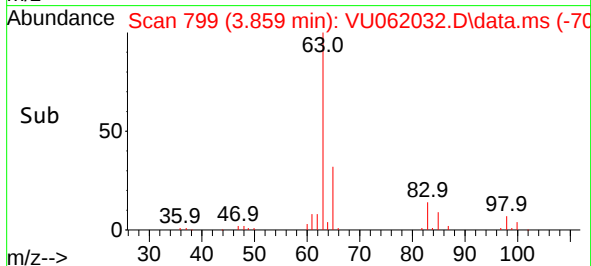
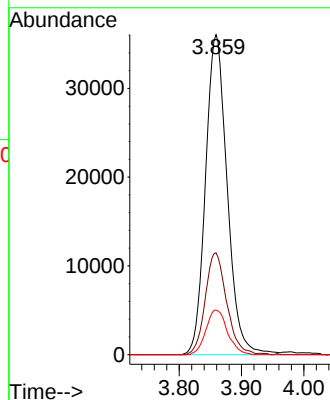
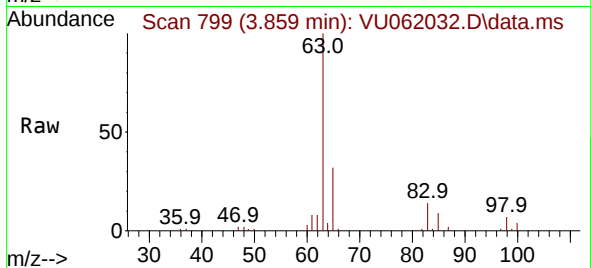




#19
1,1-Dichloroethane
Concen: 5.006 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

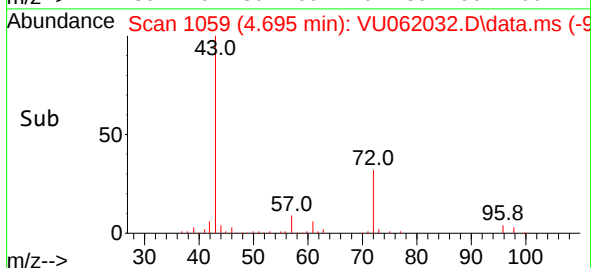
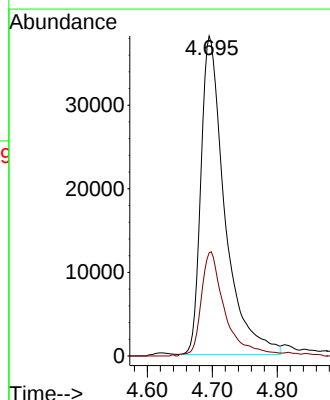
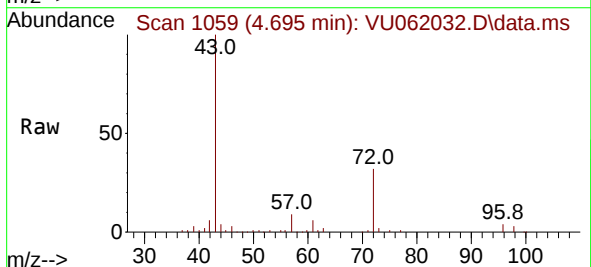
Instrument :
MSVOA_U
ClientSampleId :

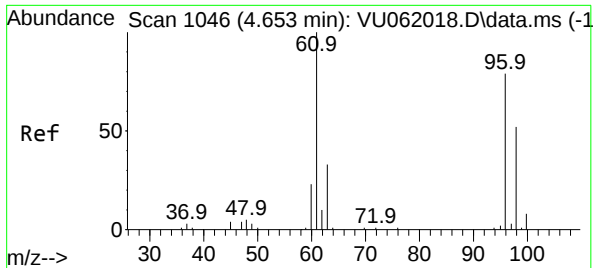
Tgt Ion:	63	Resp:	87065
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.7	42.3
83	14.0	9.9	18.3



#21
2-Butanone
Concen: 45.067 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion:	43	Resp:	97551
Ion	Ratio	Lower	Upper
43	100		
72	32.4	14.8	44.4

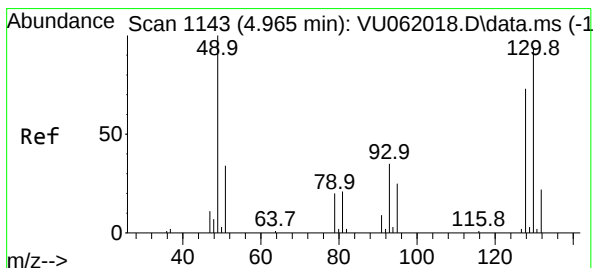
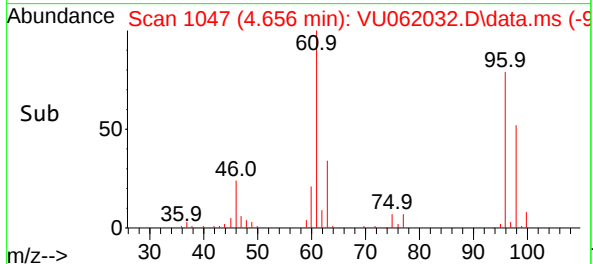
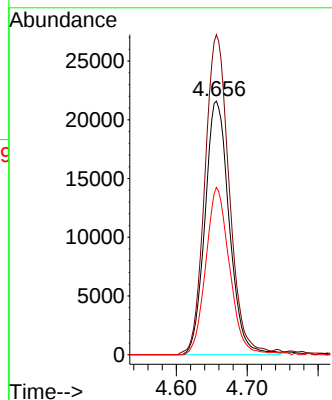
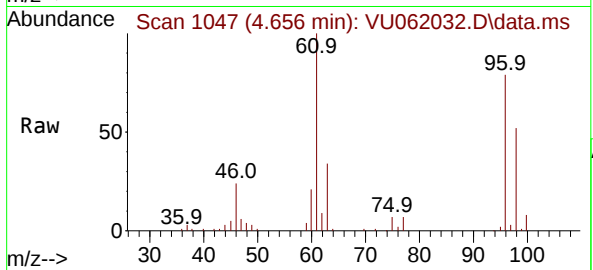




#22
 cis-1,2-Dichloroethene
 Concen: 5.113 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062032.D
 Acq: 25 Nov 2024 19:26

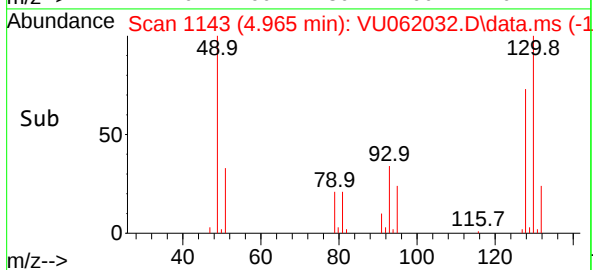
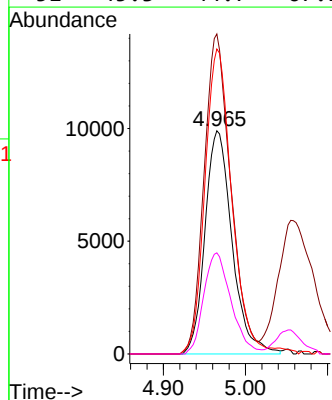
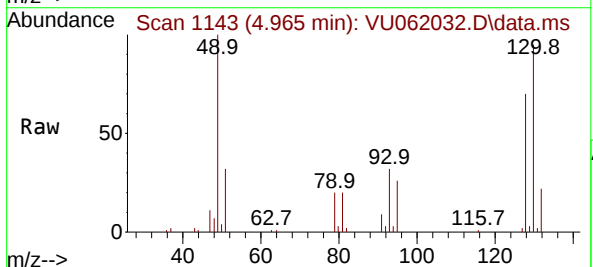
Instrument :
 MSVOA_U
 ClientSampleId :

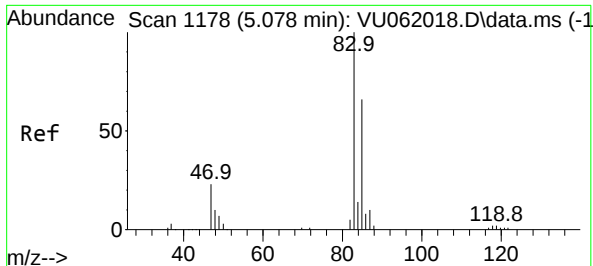
Tgt Ion: 96 Resp: 51370
 Ion Ratio Lower Upper
 96 100
 61 126.2 92.0 170.8
 98 65.9 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.196 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062032.D
 Acq: 25 Nov 2024 19:26

Tgt Ion: 128 Resp: 22696
 Ion Ratio Lower Upper
 128 100
 49 143.3 115.3 214.1
 130 136.6 92.0 170.8
 51 45.3 44.7 67.1





#25

Chloroform

Concen: 5.250 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

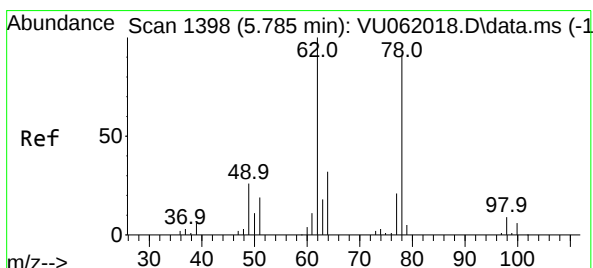
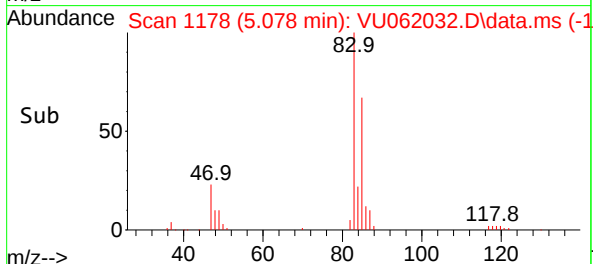
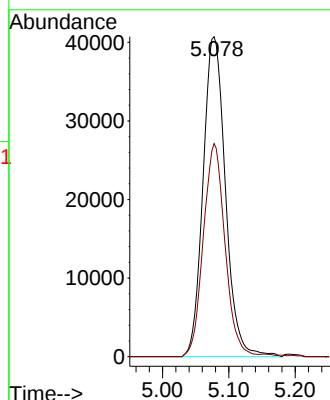
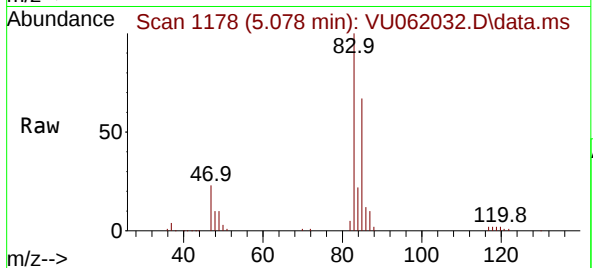
ClientSampleId :

Tgt Ion: 83 Resp: 95440

Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.943 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062032.D

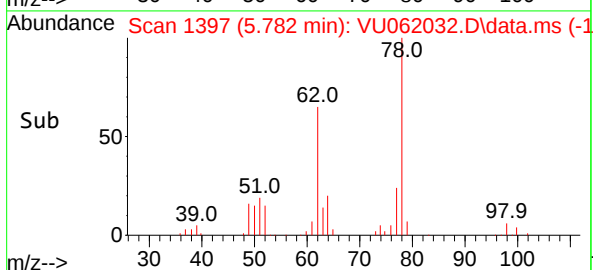
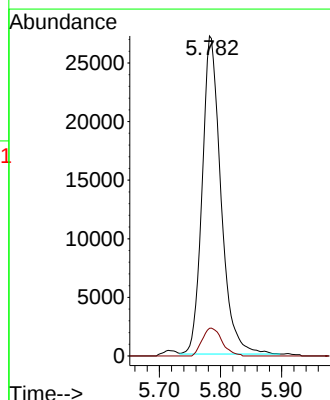
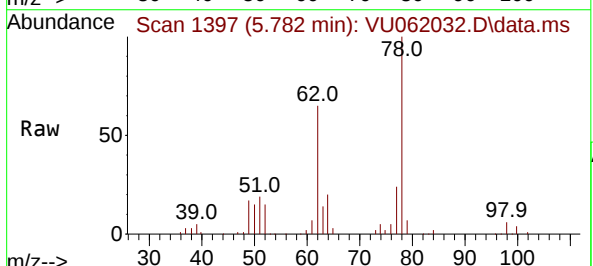
Acq: 25 Nov 2024 19:26

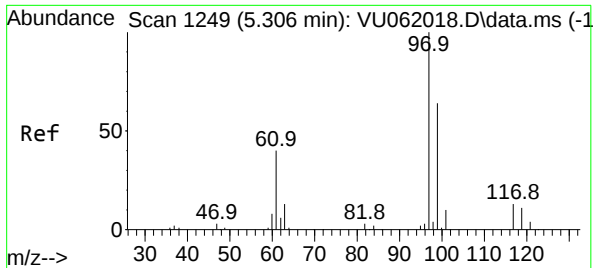
Tgt Ion: 62 Resp: 57804

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0

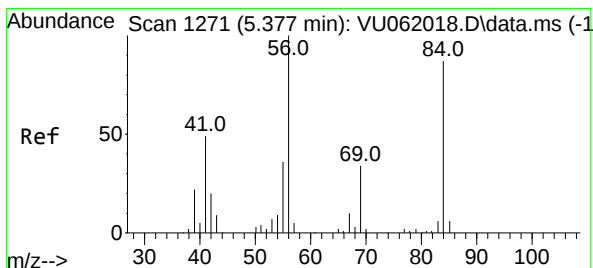
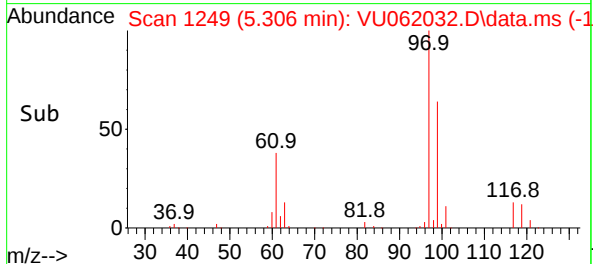
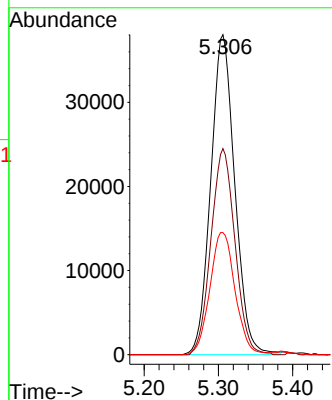
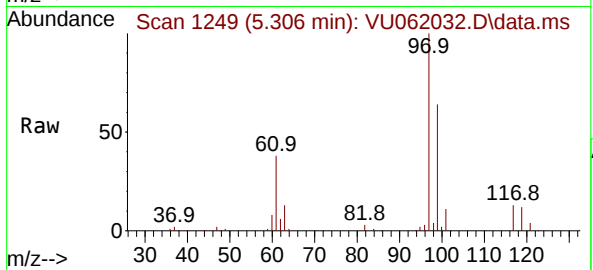




#29
1,1,1-Trichloroethane
Concen: 6.274 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

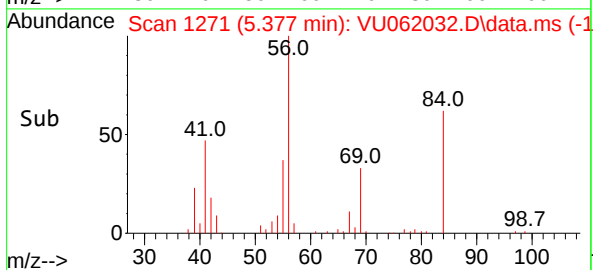
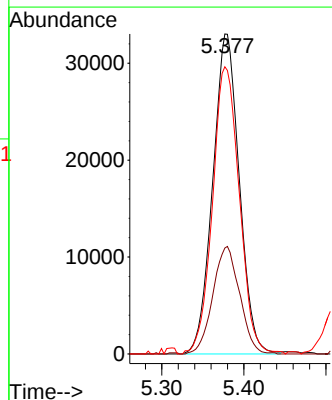
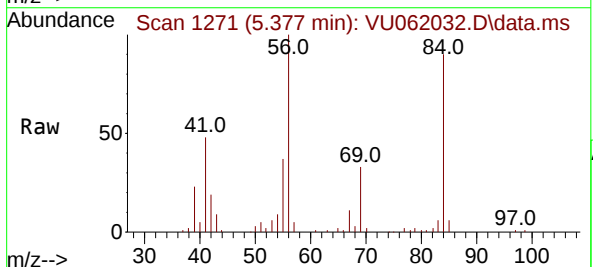
Instrument :
MSVOA_U
ClientSampleId :

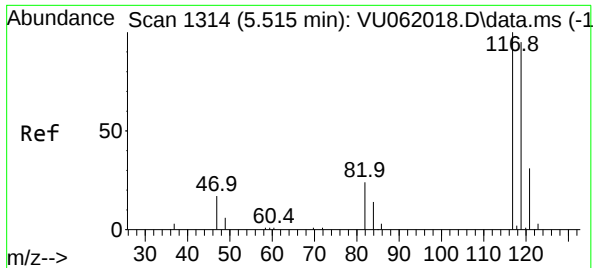
Tgt Ion: 97	Resp: 85629
Ion Ratio	Lower Upper
97 100	
99 64.4	51.4 77.2
61 39.9	37.8 56.6



#30
Cyclohexane
Concen: 5.190 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 56	Resp: 74079
Ion Ratio	Lower Upper
56 100	
69 34.0	25.1 37.7
84 90.9	70.6 105.8

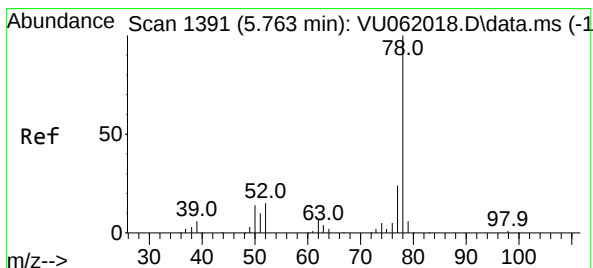
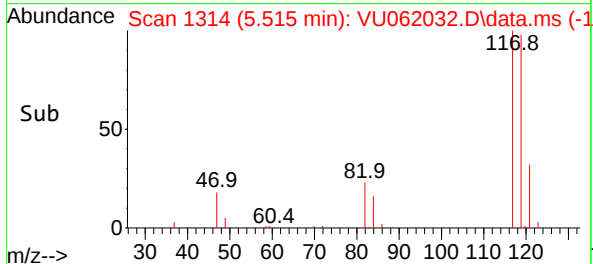
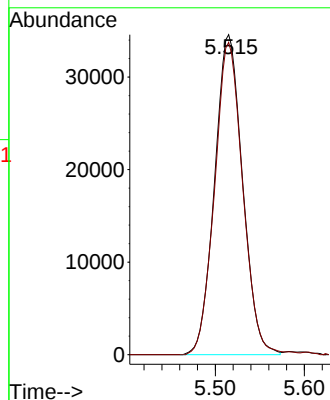
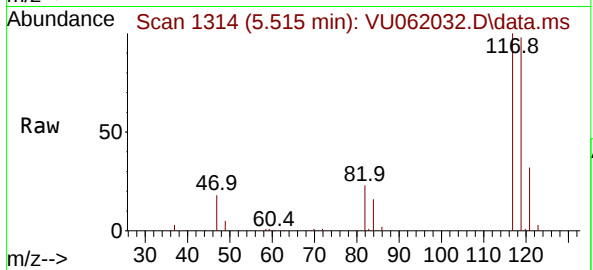




#31
Carbon tetrachloride
Concen: 6.510 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

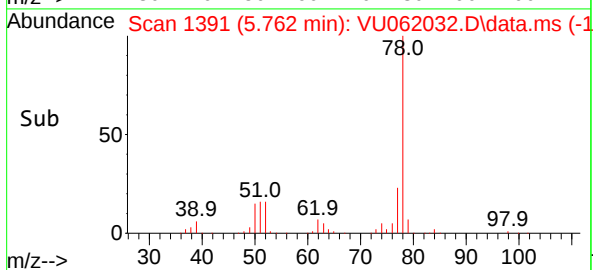
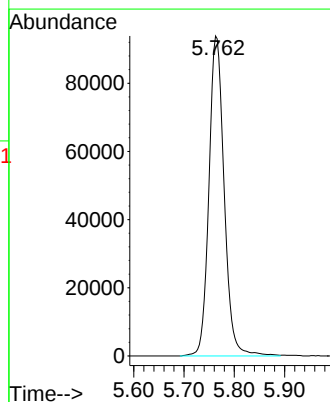
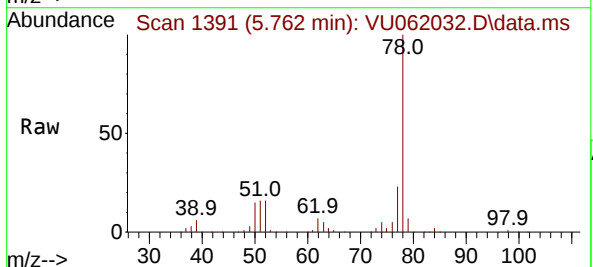
Instrument :
MSVOA_U
ClientSampleId :

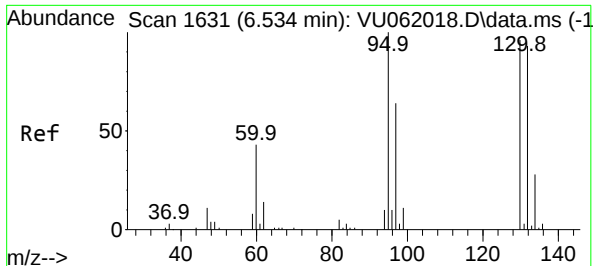
Tgt Ion:117 Resp: 75444
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3



#33
Benzene
Concen: 5.524 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 78 Resp: 197530





#34

Trichloroethene

Concen: 5.598 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 53421

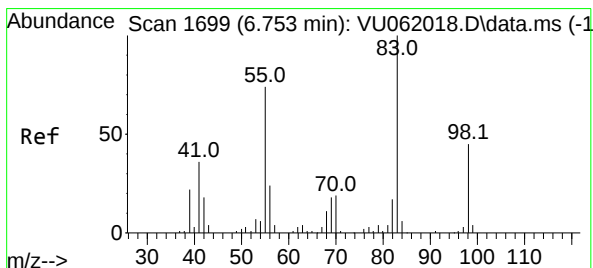
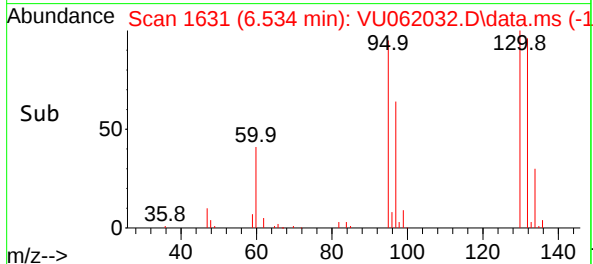
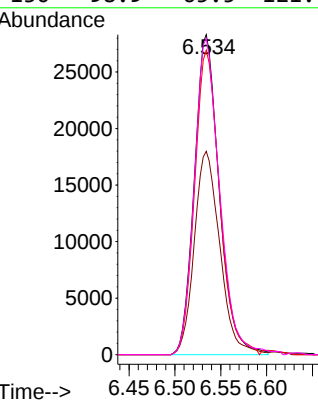
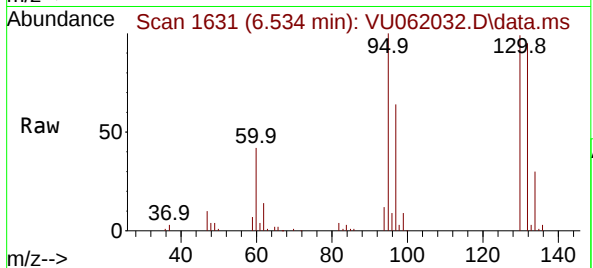
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 95.1 63.8 118.4

130 98.9 65.5 121.7



#35

Methylcyclohexane

Concen: 5.338 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

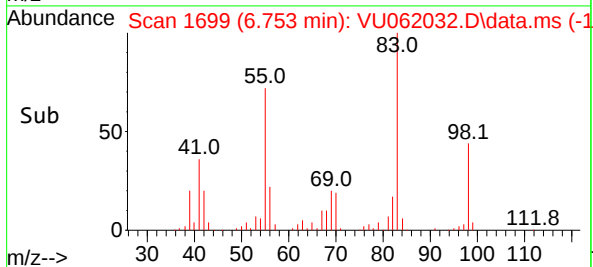
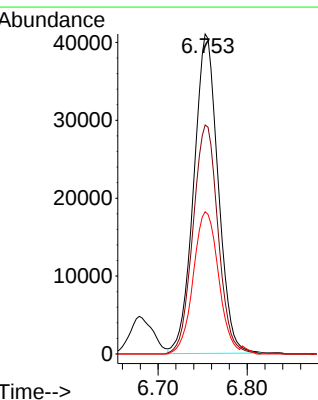
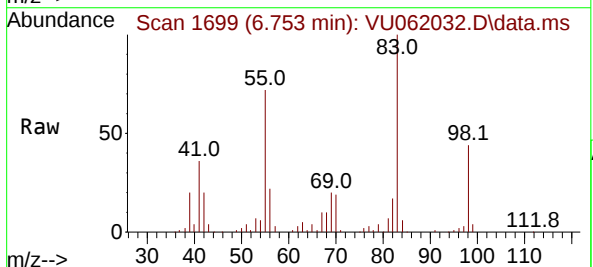
Tgt Ion: 83 Resp: 77925

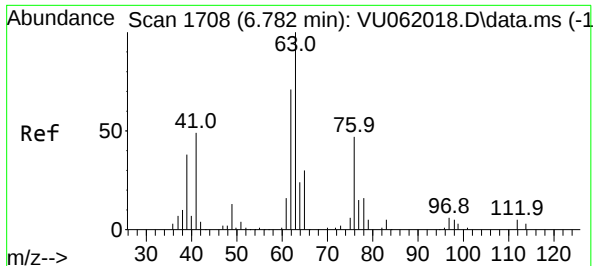
Ion Ratio Lower Upper

83 100

55 73.7 60.7 91.1

98 46.0 34.8 52.2

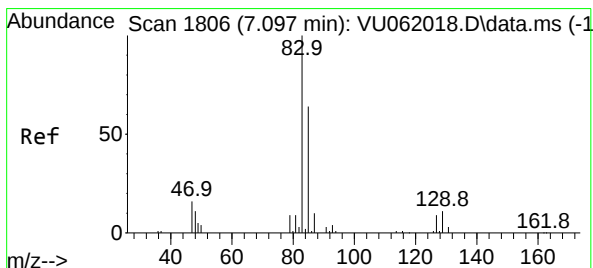
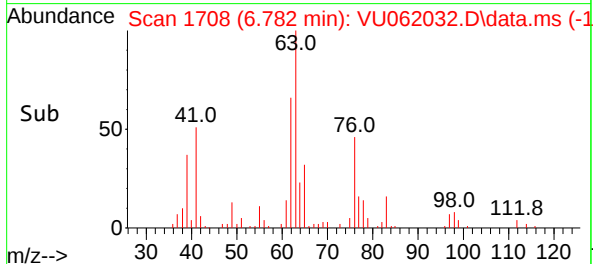
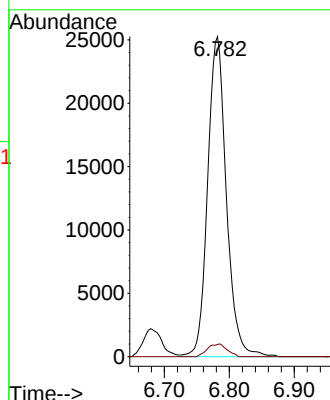
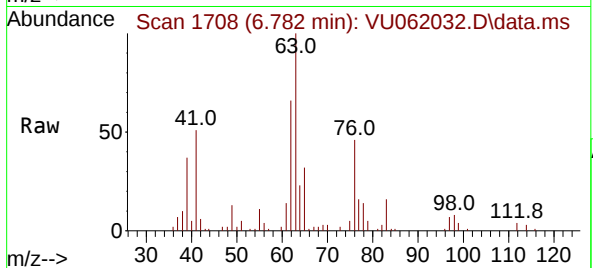




#37
1,2-Dichloropropane
Concen: 5.445 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

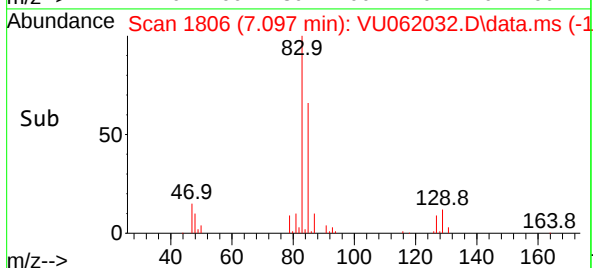
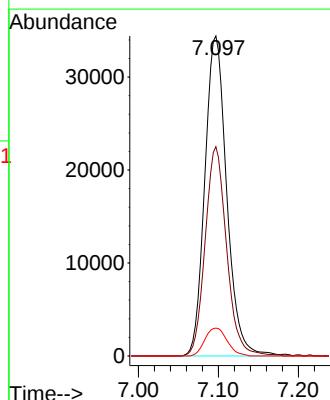
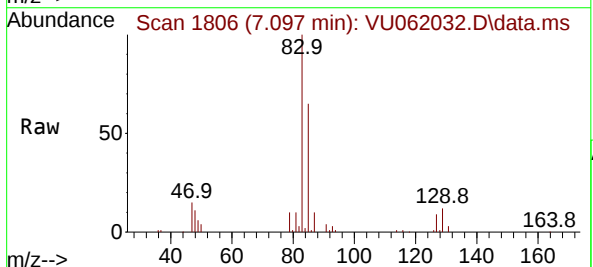
Instrument :
MSVOA_U
ClientSampleId :

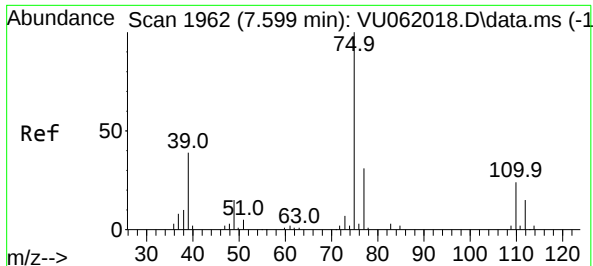
Tgt Ion: 63 Resp: 50582
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 5.822 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 83 Resp: 65590
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9
127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.836 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

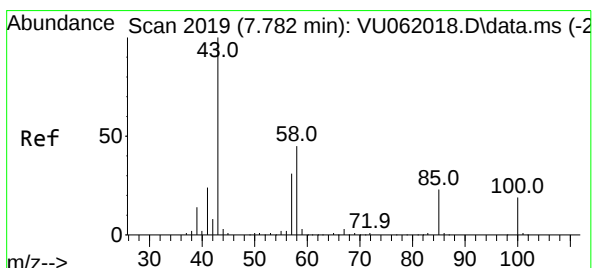
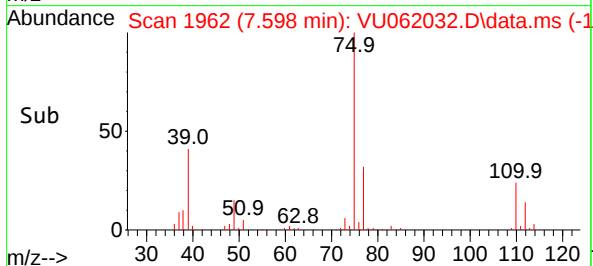
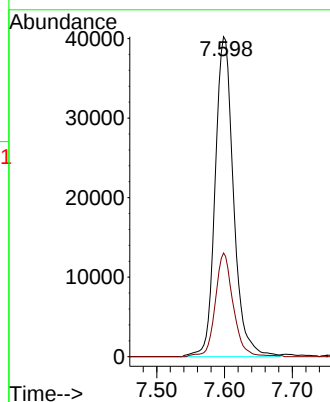
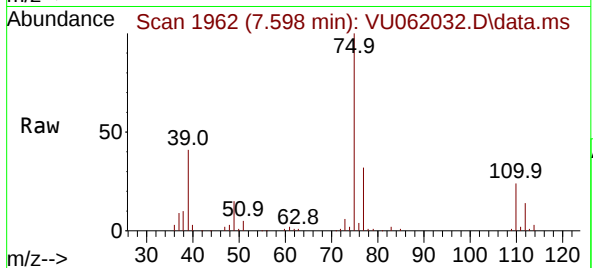
ClientSampleId :

Tgt Ion: 75 Resp: 76017

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 49.988 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

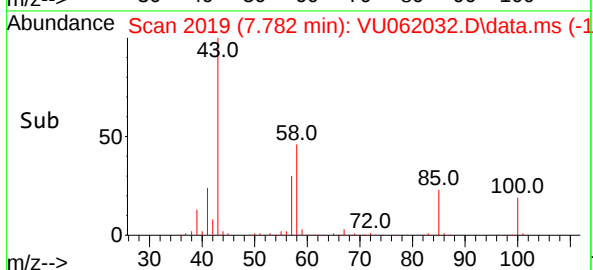
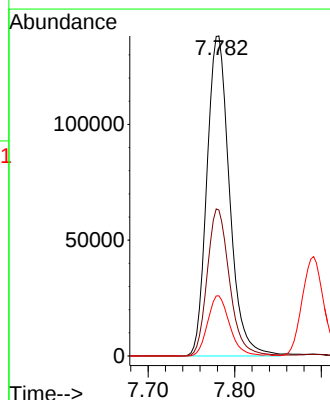
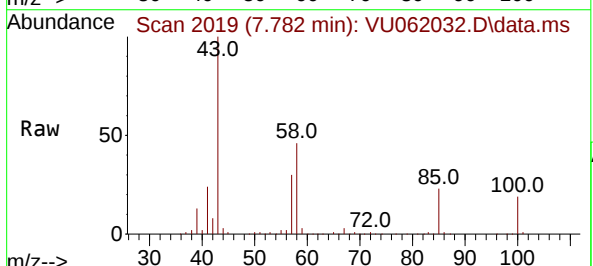
Tgt Ion: 43 Resp: 250559

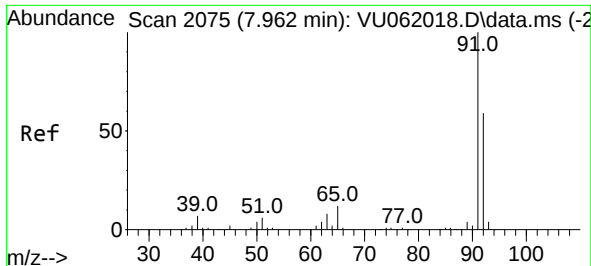
Ion Ratio Lower Upper

43 100

58 45.6 33.3 49.9

100 18.3 12.4 18.6





#42

Toluene

Concen: 5.672 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

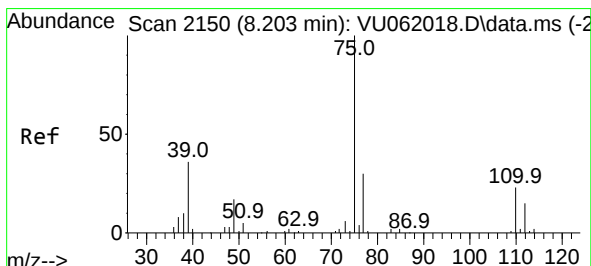
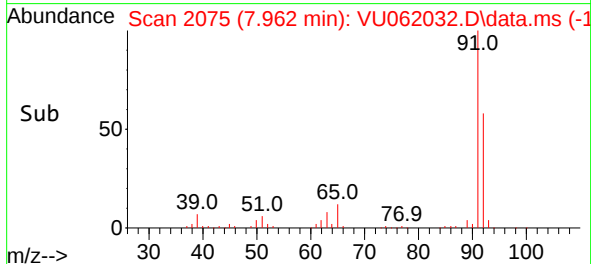
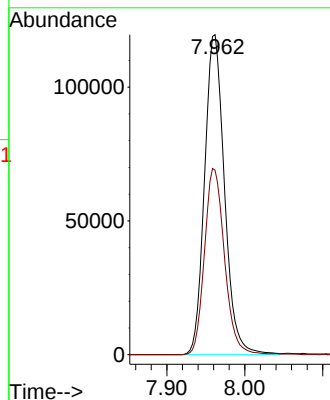
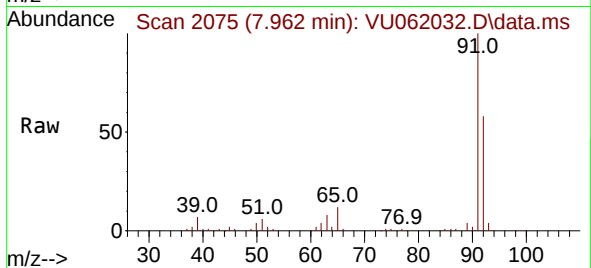
ClientSampleId :

Tgt Ion: 91 Resp: 212841

Ion Ratio Lower Upper

91 100

92 57.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.952 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062032.D

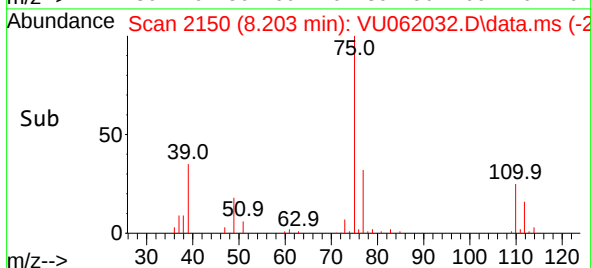
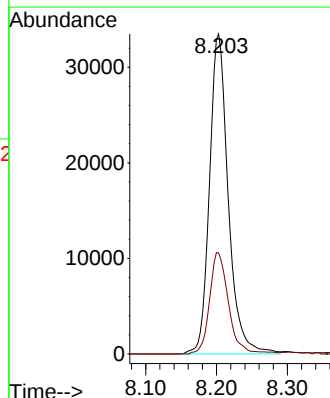
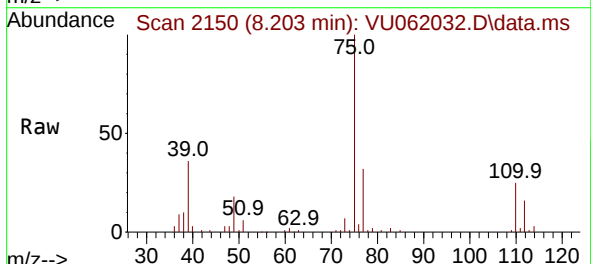
Acq: 25 Nov 2024 19:26

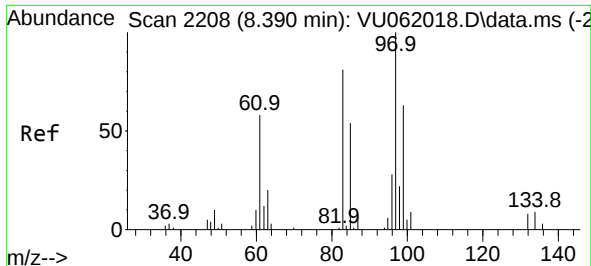
Tgt Ion: 75 Resp: 61572

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.426 ug/L

RT: 8.389 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 37133

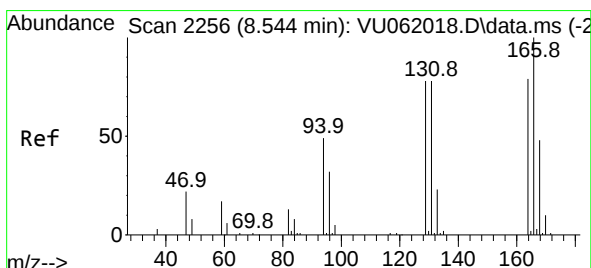
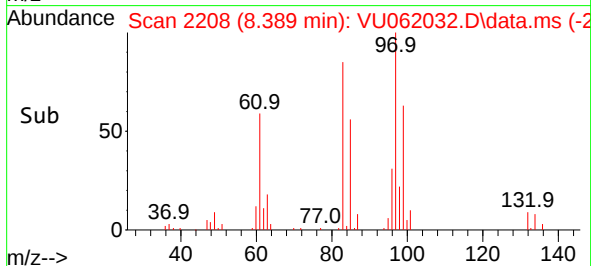
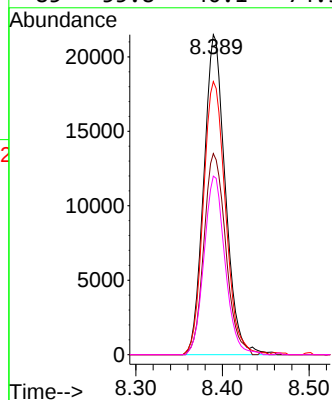
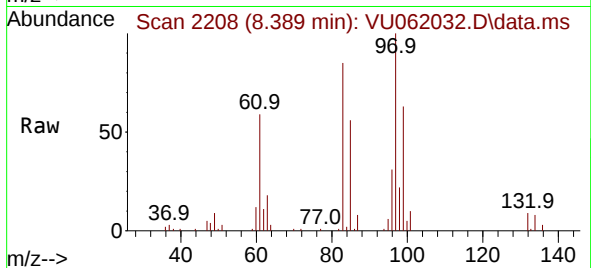
Ion Ratio Lower Upper

97 100

99 62.9 43.0 79.8

83 85.4 61.7 114.5

85 55.8 40.1 74.5



#47

Tetrachloroethene

Concen: 6.065 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Tgt Ion:164 Resp: 42093

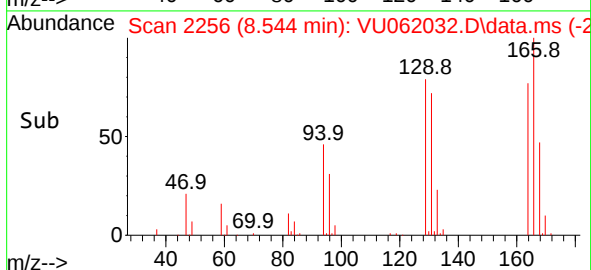
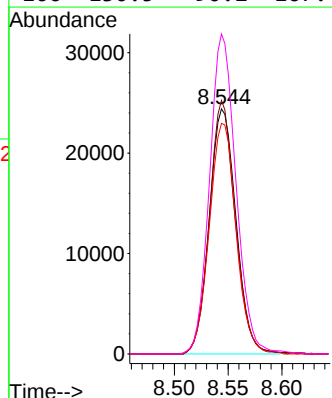
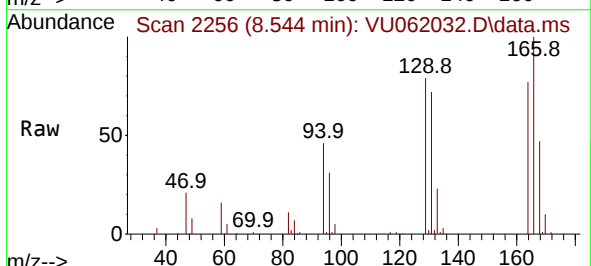
Ion Ratio Lower Upper

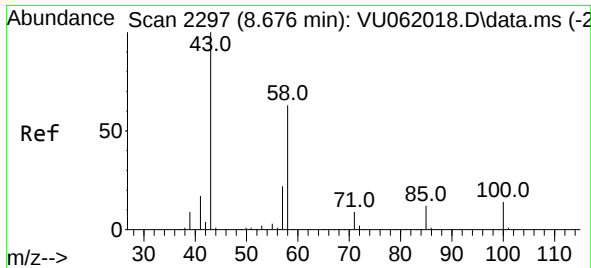
164 100

129 103.4 73.2 136.0

131 94.0 72.3 134.3

166 130.5 90.2 167.4

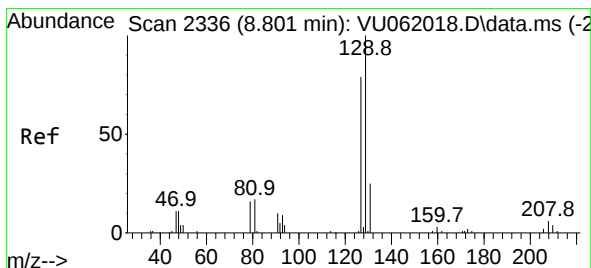
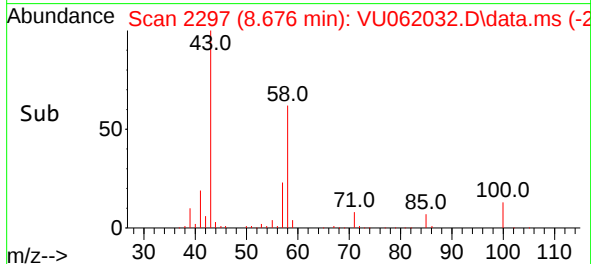
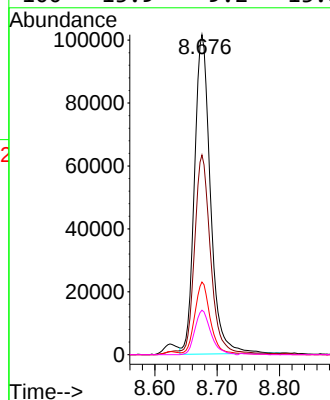
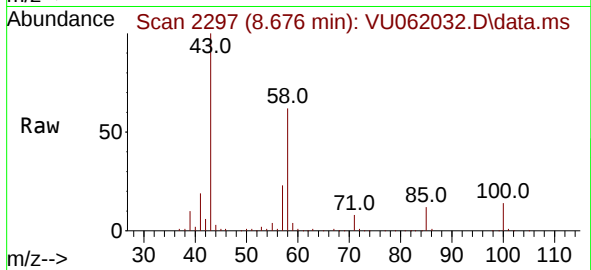




#48
2-Hexanone
Concen: 48.171 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

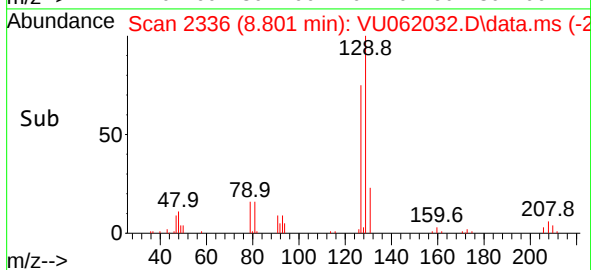
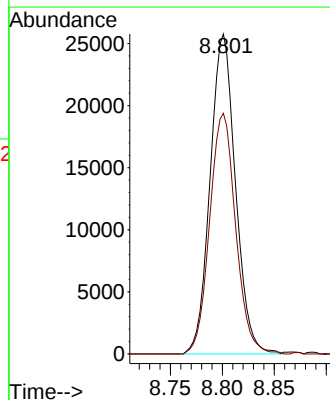
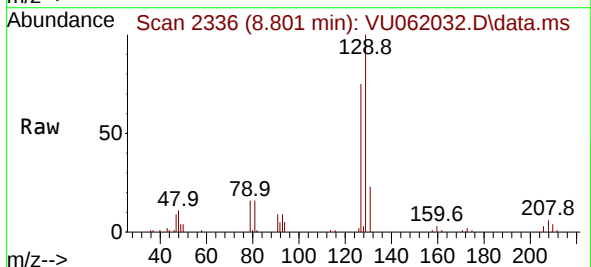
Instrument :
MSVOA_U
ClientSampleId :

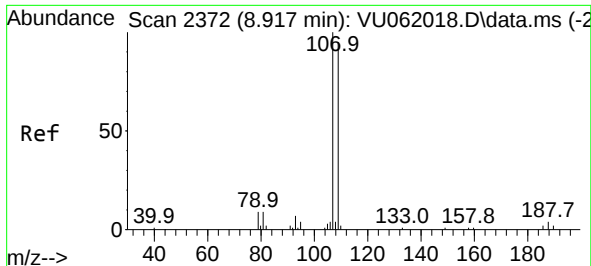
Tgt Ion: 43 Resp: 180825
Ion Ratio Lower Upper
43 100
58 64.1 47.5 71.3
57 22.2 15.6 23.4
100 13.9 9.2 13.8#



#49
Dibromochloromethane
Concen: 6.052 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion:129 Resp: 43755
Ion Ratio Lower Upper
129 100
127 75.2 51.1 94.9





#50

1,2-Dibromoethane

Concen: 5.315 ug/L

RT: 8.913 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062032.D

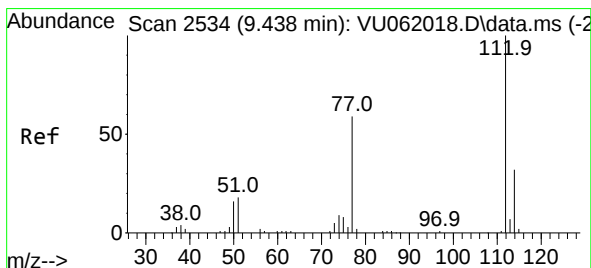
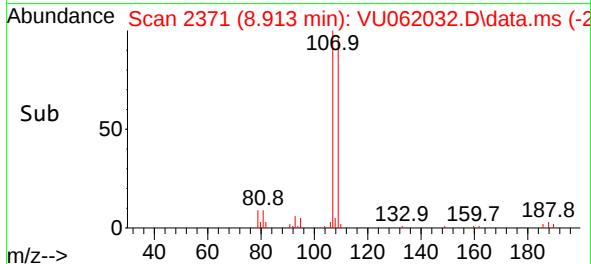
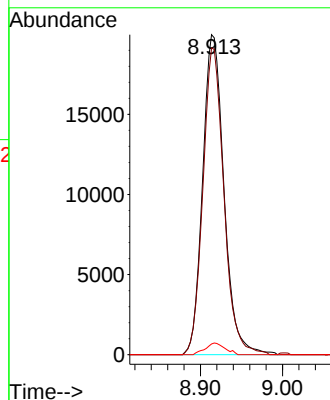
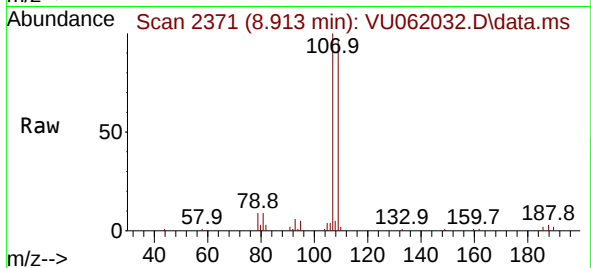
Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	36100
Ion Ratio	Lower	Upper	
107	100		
109	95.8	66.8	124.2
188	3.3	2.3	3.5



#51

Chlorobenzene

Concen: 5.314 ug/L

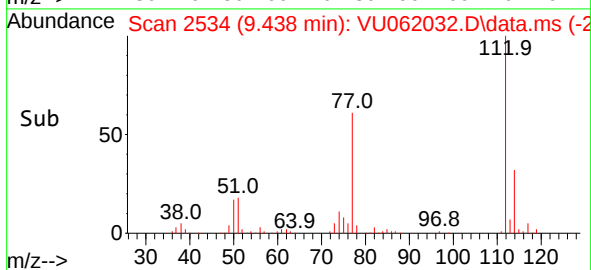
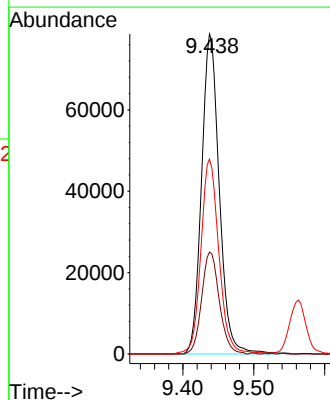
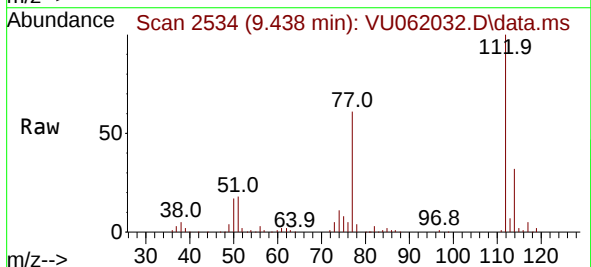
RT: 9.438 min Scan# 2534

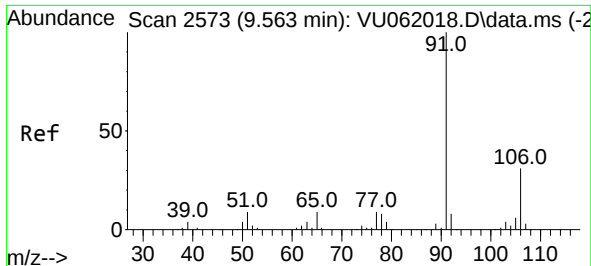
Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Tgt Ion:	112	Resp:	136556
Ion Ratio	Lower	Upper	
112	100		
114	31.9	23.0	42.6
77	60.9	50.5	75.7





#52

Ethylbenzene

Concen: 5.226 ug/L

RT: 9.563 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

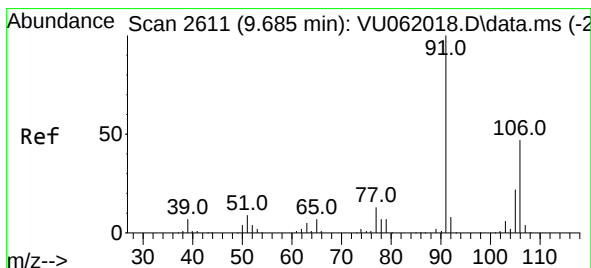
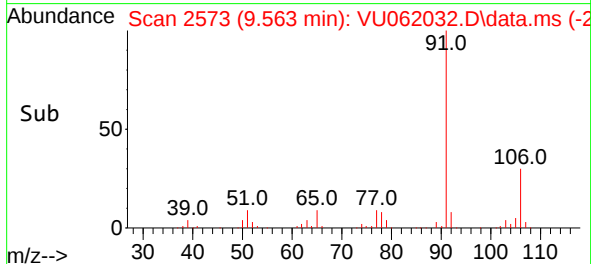
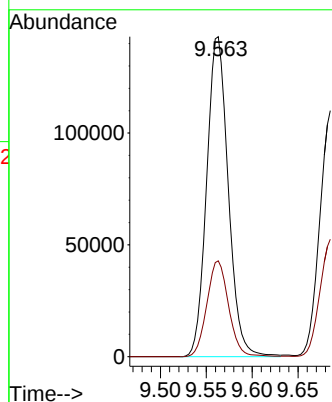
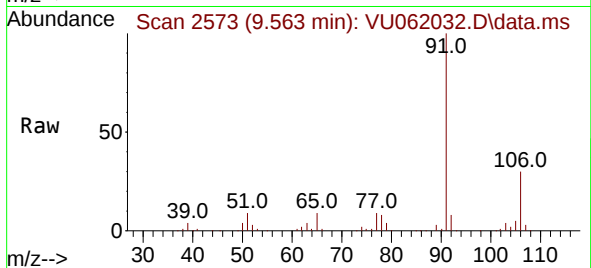
ClientSampleId :

Tgt Ion: 91 Resp: 234659

Ion Ratio Lower Upper

91 100

106 29.9 21.6 40.0



#53

m,p-Xylene

Concen: 5.647 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU062032.D

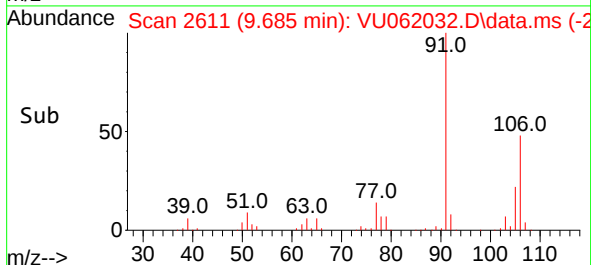
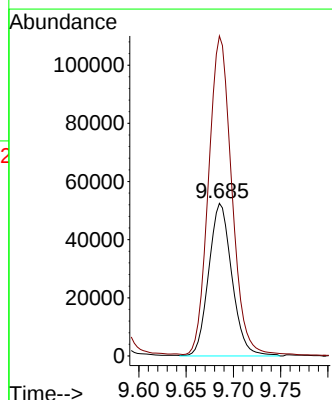
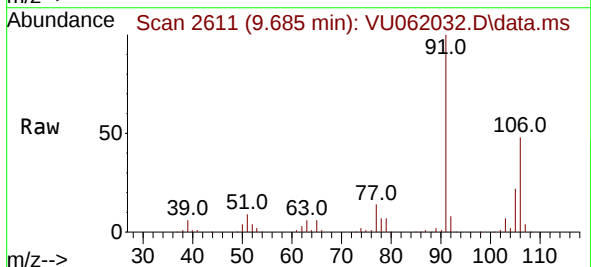
Acq: 25 Nov 2024 19:26

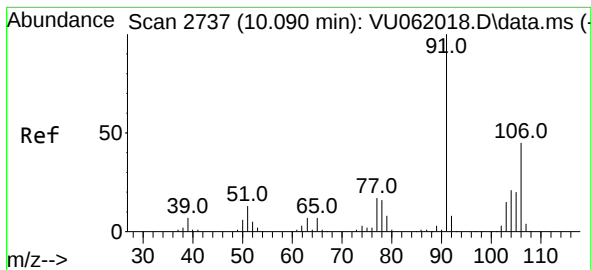
Tgt Ion:106 Resp: 89476

Ion Ratio Lower Upper

106 100

91 209.6 147.6 274.0





#54

o-Xylene

Concen: 5.394 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

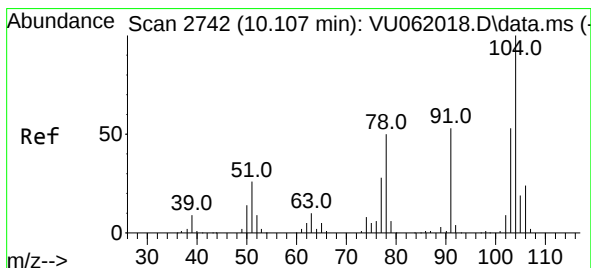
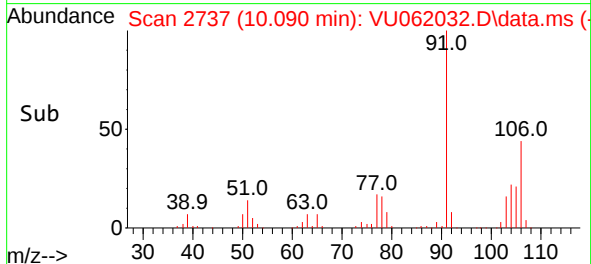
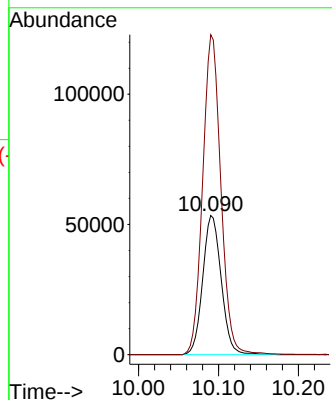
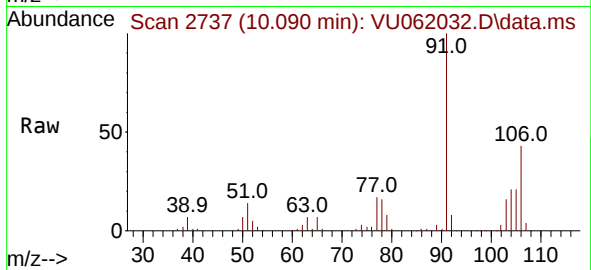
ClientSampleId :

Tgt Ion:106 Resp: 86269

Ion Ratio Lower Upper

106 100

91 230.0 159.8 296.8



#55

Styrene

Concen: 5.421 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062032.D

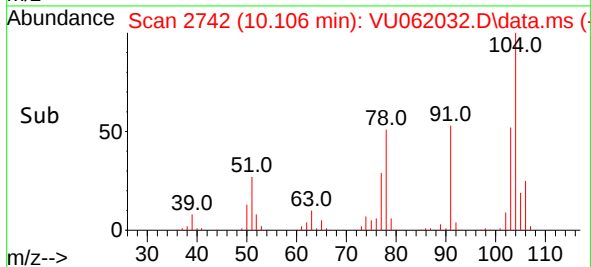
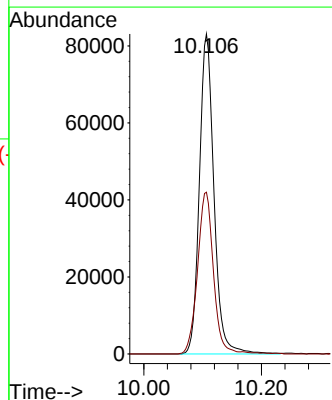
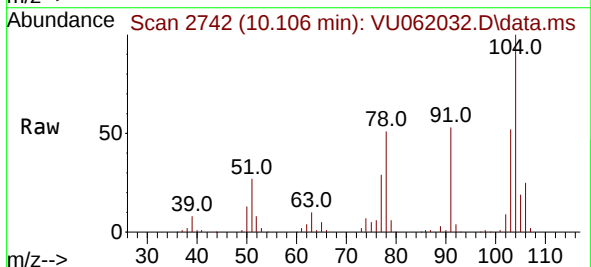
Acq: 25 Nov 2024 19:26

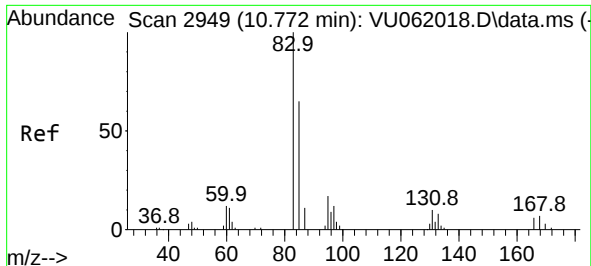
Tgt Ion:104 Resp: 142845

Ion Ratio Lower Upper

104 100

78 50.6 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.021 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

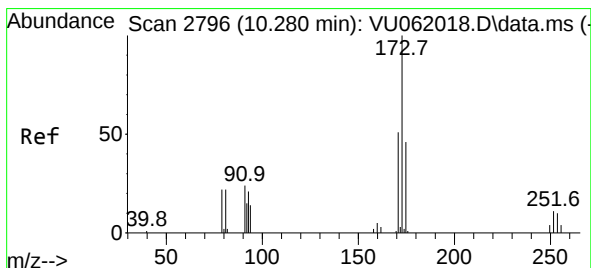
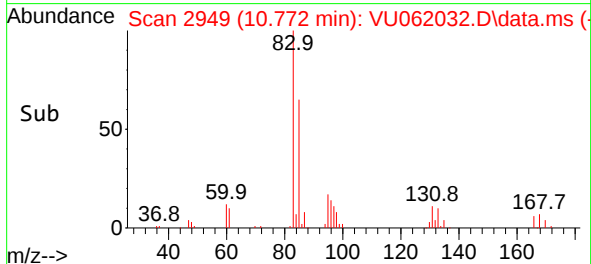
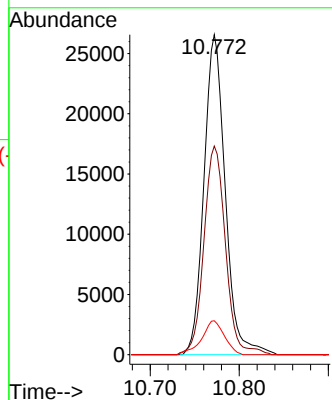
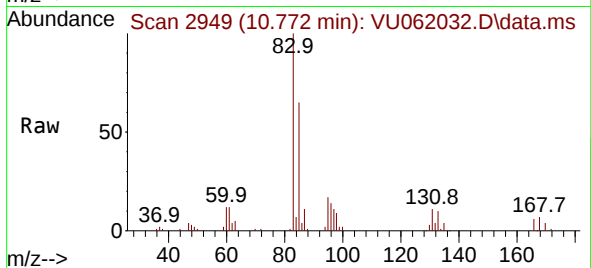
Tgt Ion: 83 Resp: 44038

Ion Ratio Lower Upper

83 100

85 65.2 44.4 82.4

131 10.6 7.3 10.9



#59

Bromoform

Concen: 5.843 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

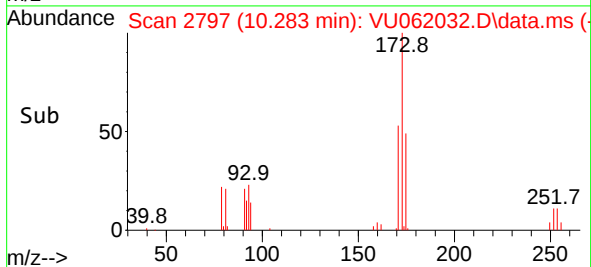
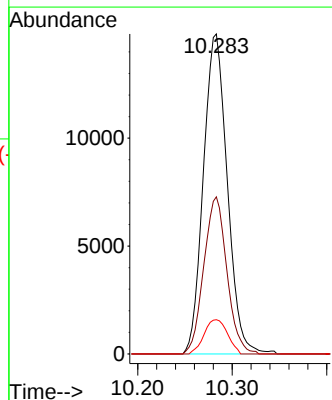
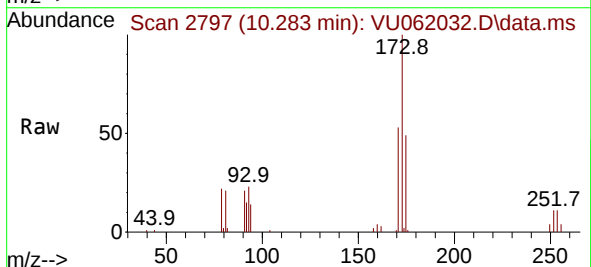
Tgt Ion:173 Resp: 26056

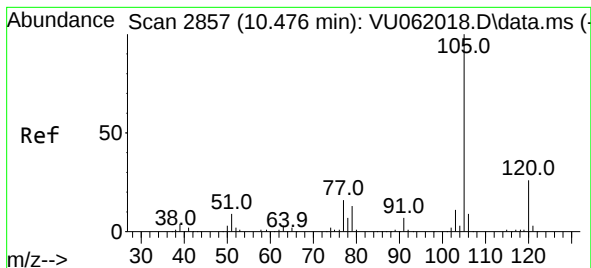
Ion Ratio Lower Upper

173 100

175 47.3 39.0 58.4

254 10.5 7.4 11.0





#60

Isopropylbenzene

Concen: 4.991 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

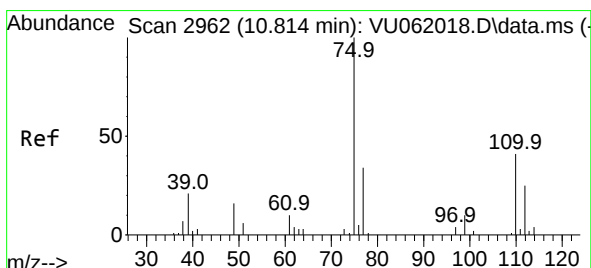
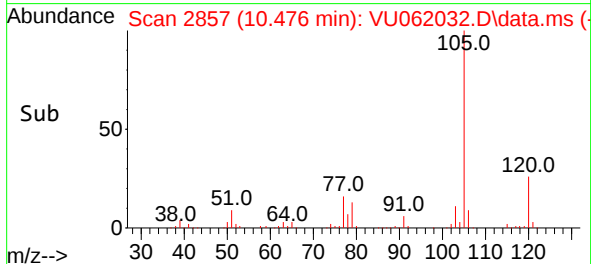
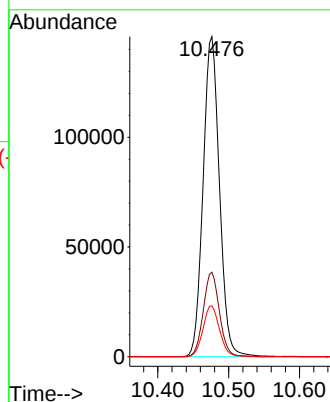
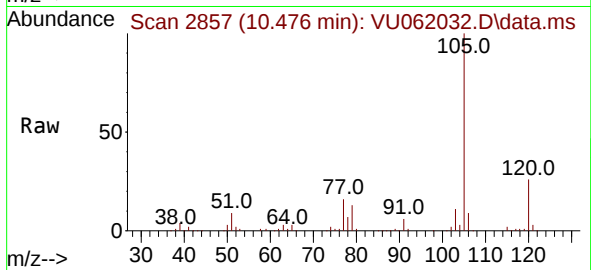
Tgt Ion:105 Resp: 233464

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.473 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

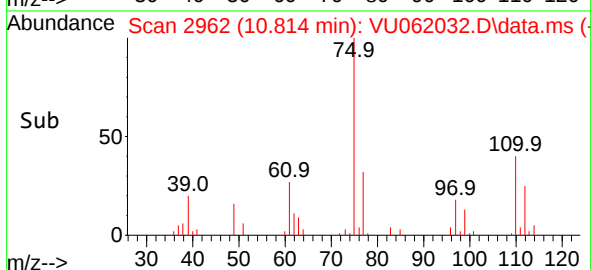
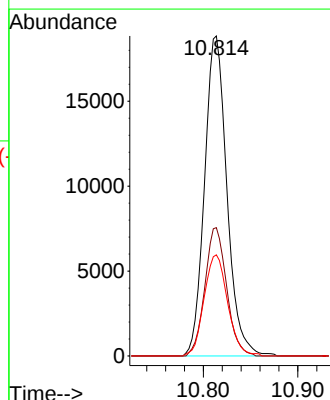
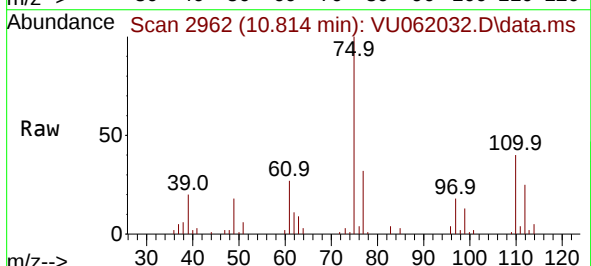
Tgt Ion: 75 Resp: 31024

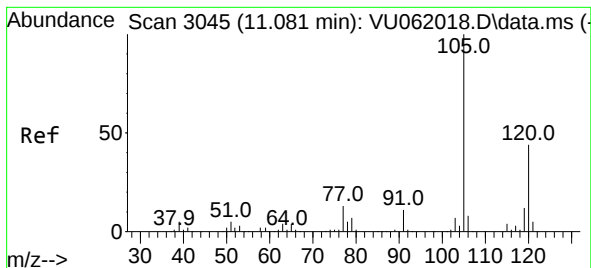
Ion Ratio Lower Upper

75 100

110 39.0 28.9 43.3

77 33.3 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.266 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

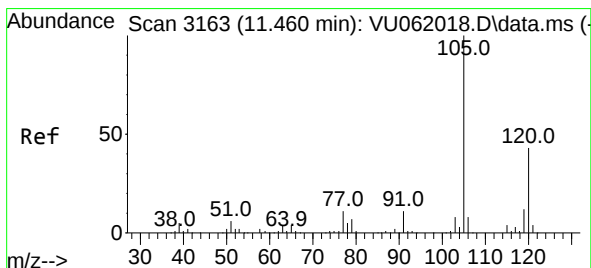
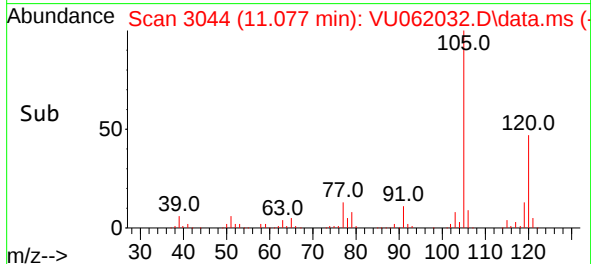
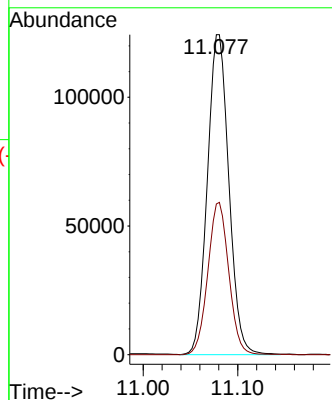
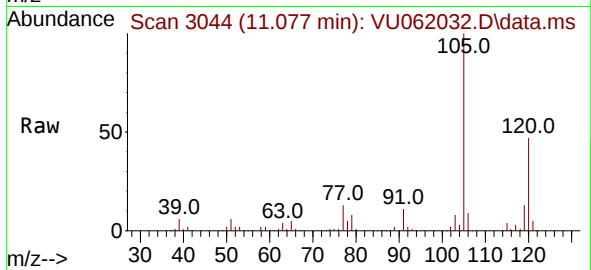
ClientSampleId :

Tgt Ion:105 Resp: 196490

Ion Ratio Lower Upper

105 100

120 46.4 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.218 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062032.D

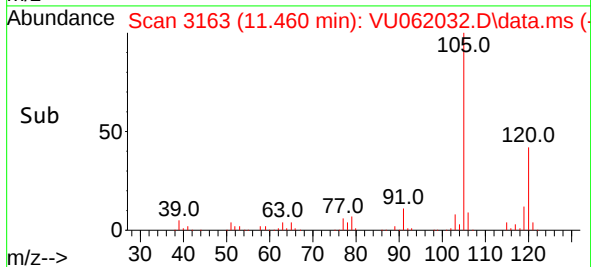
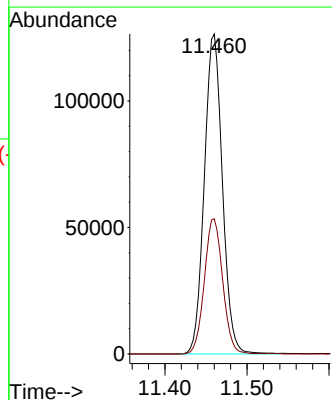
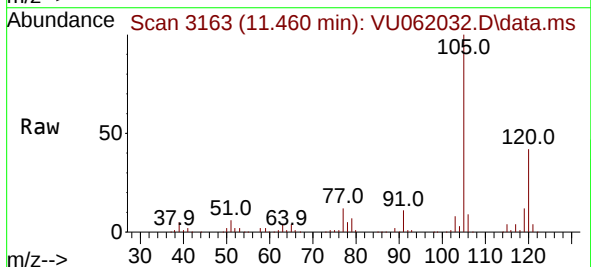
Acq: 25 Nov 2024 19:26

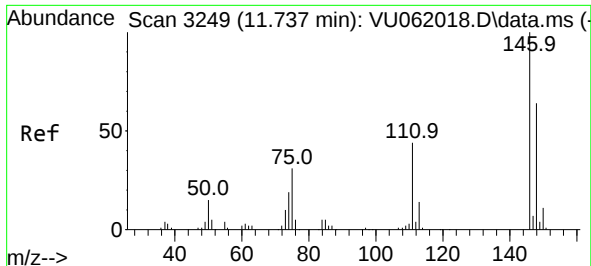
Tgt Ion:105 Resp: 194110

Ion Ratio Lower Upper

105 100

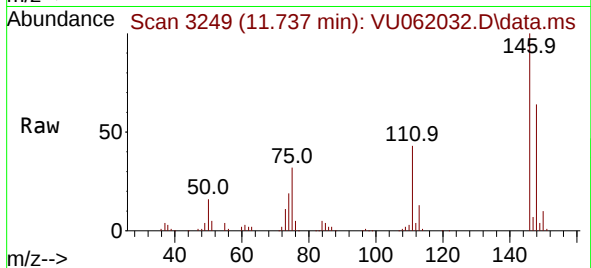
120 42.8 34.7 52.1



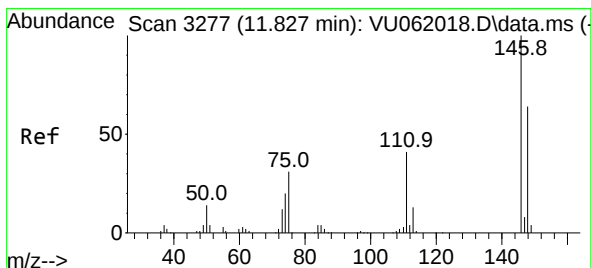
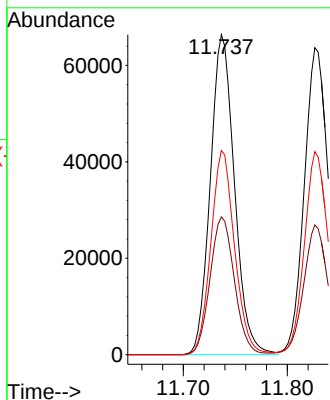
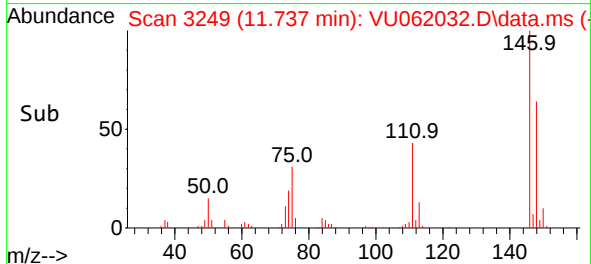


#64
1,3-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

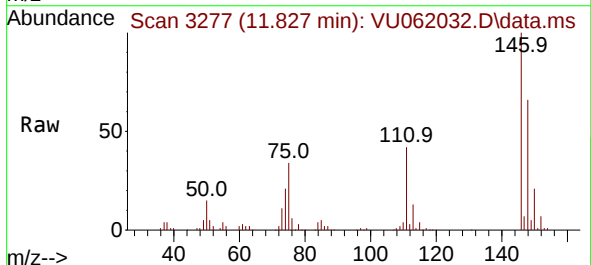
Instrument :
MSVOA_U
ClientSampleId :



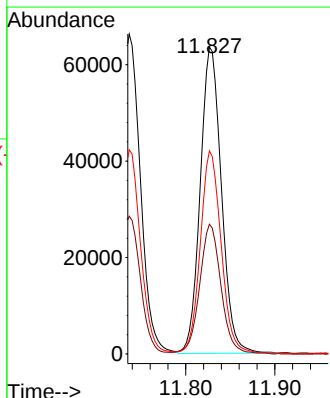
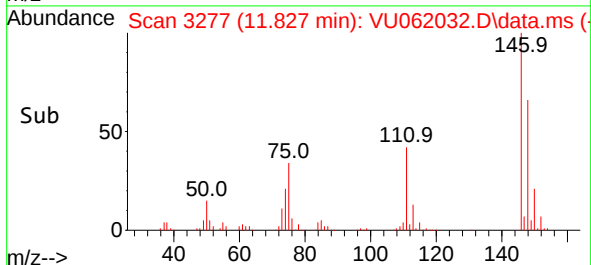
Tgt Ion:146 Resp: 107235
Ion Ratio Lower Upper
146 100
111 43.1 30.7 57.1
148 63.8 45.1 83.7

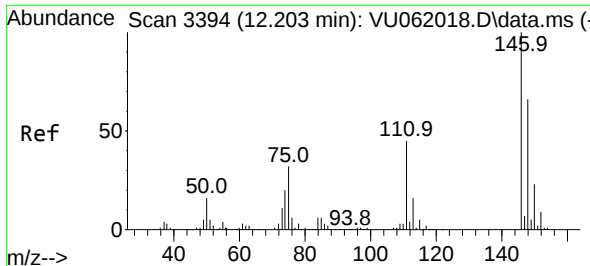


#65
1,4-Dichlorobenzene
Concen: 5.216 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26



Tgt Ion:146 Resp: 104832
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 66.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.408 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

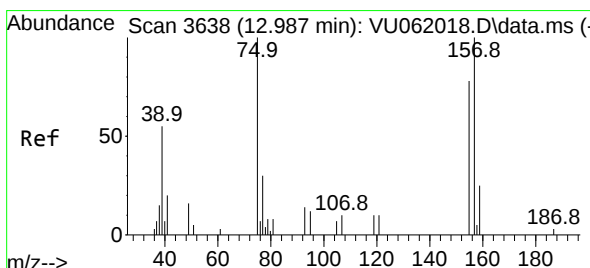
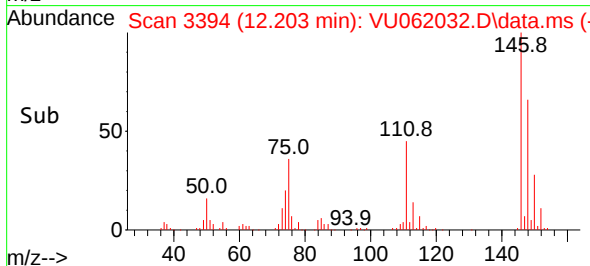
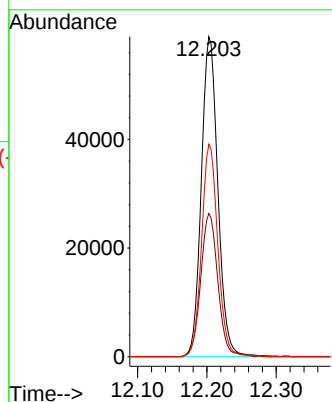
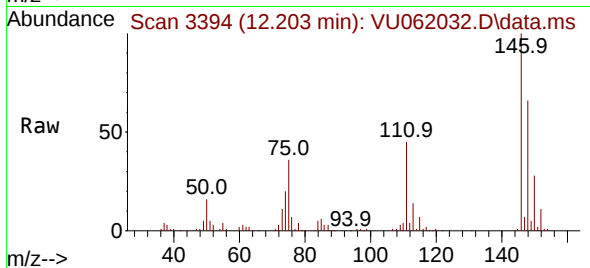
Tgt Ion:146 Resp: 97663

Ion Ratio Lower Upper

146 100

111 44.7 36.0 54.0

148 66.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.888 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

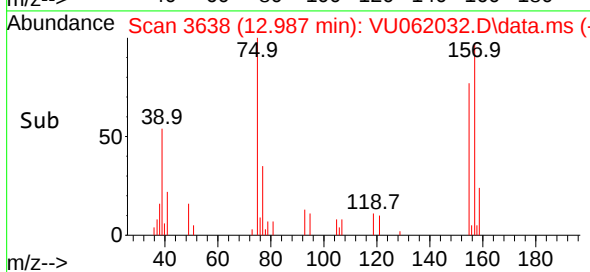
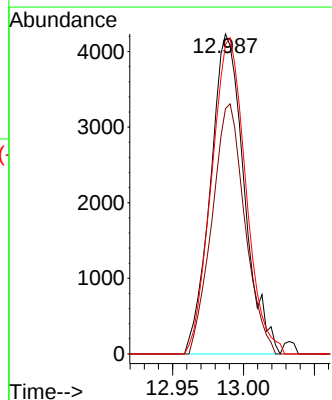
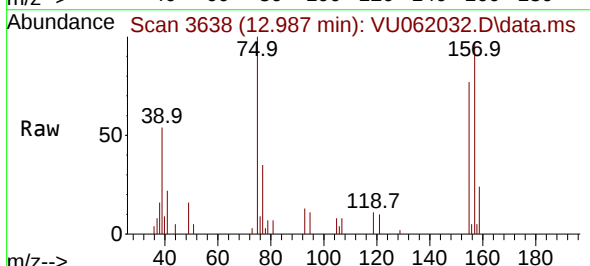
Tgt Ion: 75 Resp: 6969

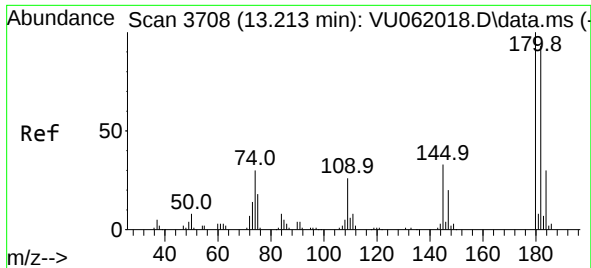
Ion Ratio Lower Upper

75 100

155 76.6 55.2 82.8

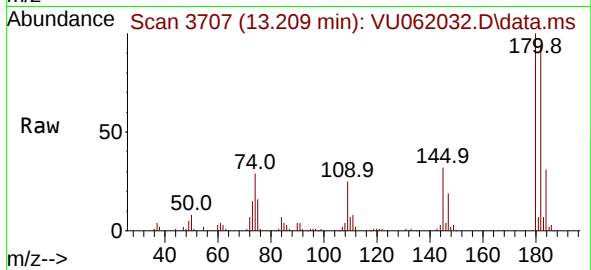
157 96.8 73.5 110.3



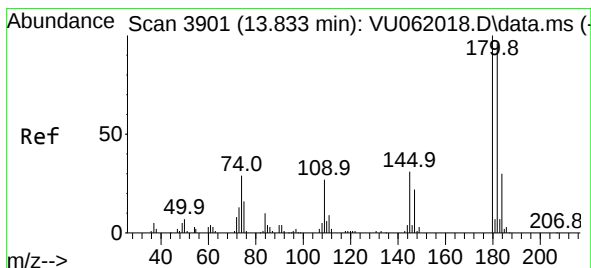
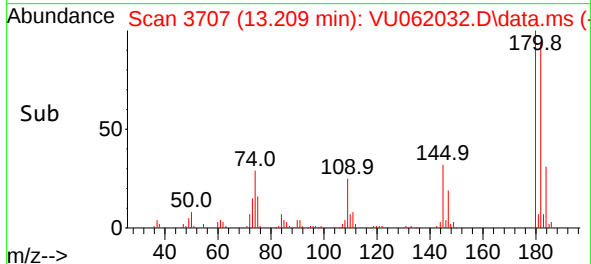
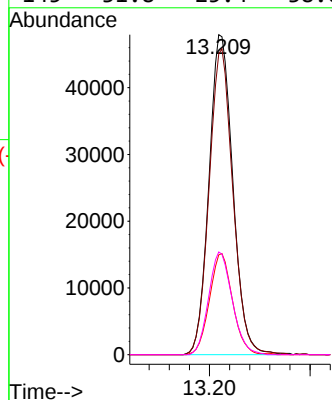


#69
1,3,5-Trichlorobenzene
Concen: 6.380 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Instrument :
MSVOA_U
ClientSampleId :

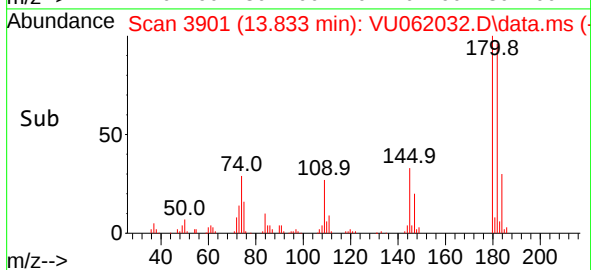
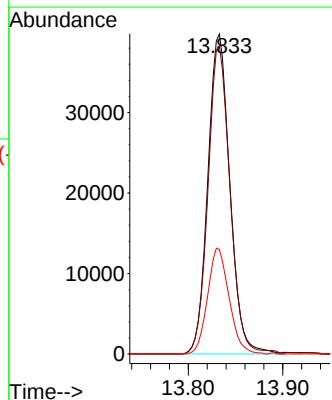
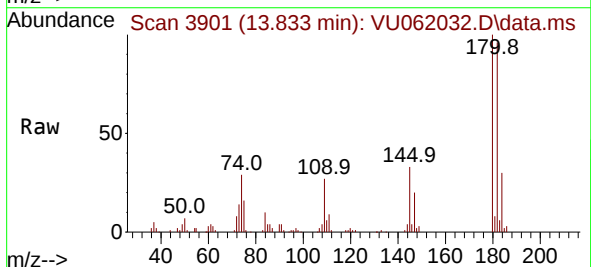


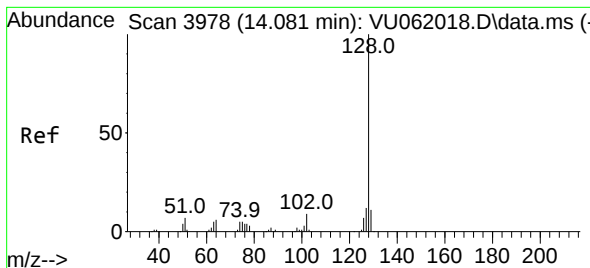
Tgt Ion:180 Resp: 78827
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
184 30.6 24.8 37.2
145 31.8 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 6.804 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU062032.D
Acq: 25 Nov 2024 19:26

Tgt Ion:180 Resp: 64433
Ion Ratio Lower Upper
180 100
182 95.9 74.5 111.7
145 32.2 25.6 38.4





#71

Naphthalene

Concen: 6.331 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU062032.D

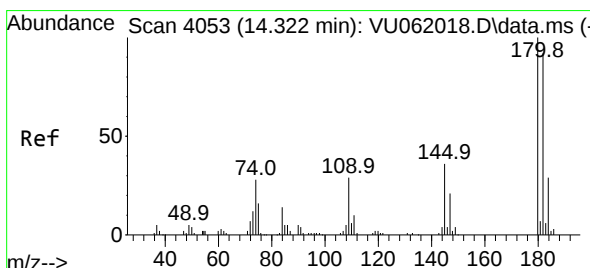
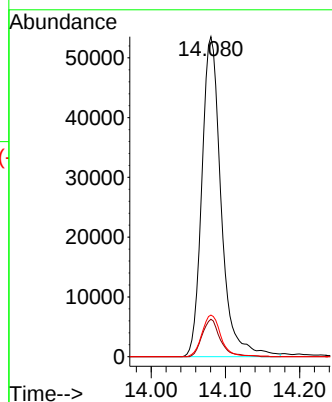
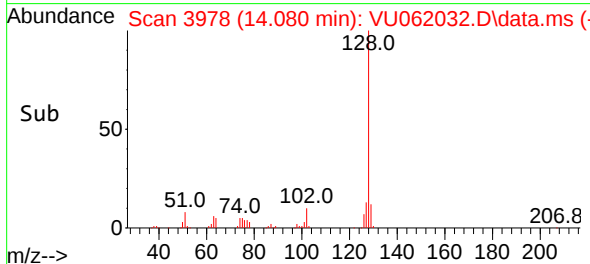
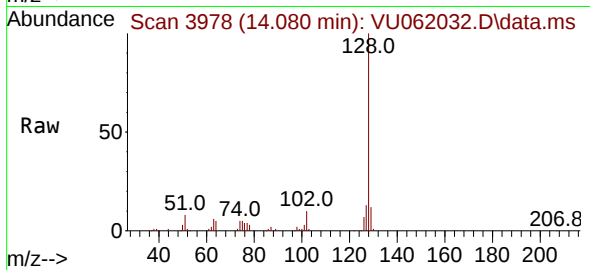
Acq: 25 Nov 2024 19:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	96625
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.5	12.7
127	12.8	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 6.741 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU062032.D

Acq: 25 Nov 2024 19:26

Tgt Ion:	180	Resp:	54974
Ion Ratio	Lower	Upper	
180	100		
182	97.8	76.1	114.1
145	35.7	27.4	41.0

