

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112724\
 Data File : VU062048.D
 Acq On : 27 Nov 2024 09:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 01:41:38 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	126257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	117889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27516	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	22031	4.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	12736	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	4.628	46	65183	33.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.040%
24) Chloroform-d	5.052	84	66389	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	32018	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.718	84	117102	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.682	67	36589	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	110305	5.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
43) trans-1,3-Dichloroprop...	8.174	79	15012	5.196	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.627	63	45105	34.202	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28628	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	38452	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60073	5.438	ug/L	98
3) Chloromethane	1.518	50	49546	4.352	ug/L	100
5) Vinyl chloride	1.602	62	51905	4.437	ug/L	99
6) Bromomethane	1.856	94	31407	4.510	ug/L	97
8) Chloroethane	1.930	64	28544	3.784	ug/L	99
9) Trichlorofluoromethane	2.133	101	82648	5.585	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46810	5.141	ug/L	93
12) 1,1-Dichloroethene	2.573	96	41576	4.910	ug/L	93
13) Acetone	2.647	43	62234	46.349	ug/L	94
14) Carbon disulfide	2.788	76	124999	4.641	ug/L	100
15) Methyl Acetate	2.952	43	14977	4.344	ug/L	92
16) Methylene chloride	3.039	84	45323	4.458	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	103629	4.775	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	42757	4.777	ug/L	94
19) 1,1-Dichloroethane	3.859	63	84145	4.826	ug/L	99
21) 2-Butanone	4.708	43	96642	44.533	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	48710	4.836	ug/L	97
23) Bromochloromethane	4.965	128	21478	4.905	ug/L	89
25) Chloroform	5.078	83	90636	4.973	ug/L	97

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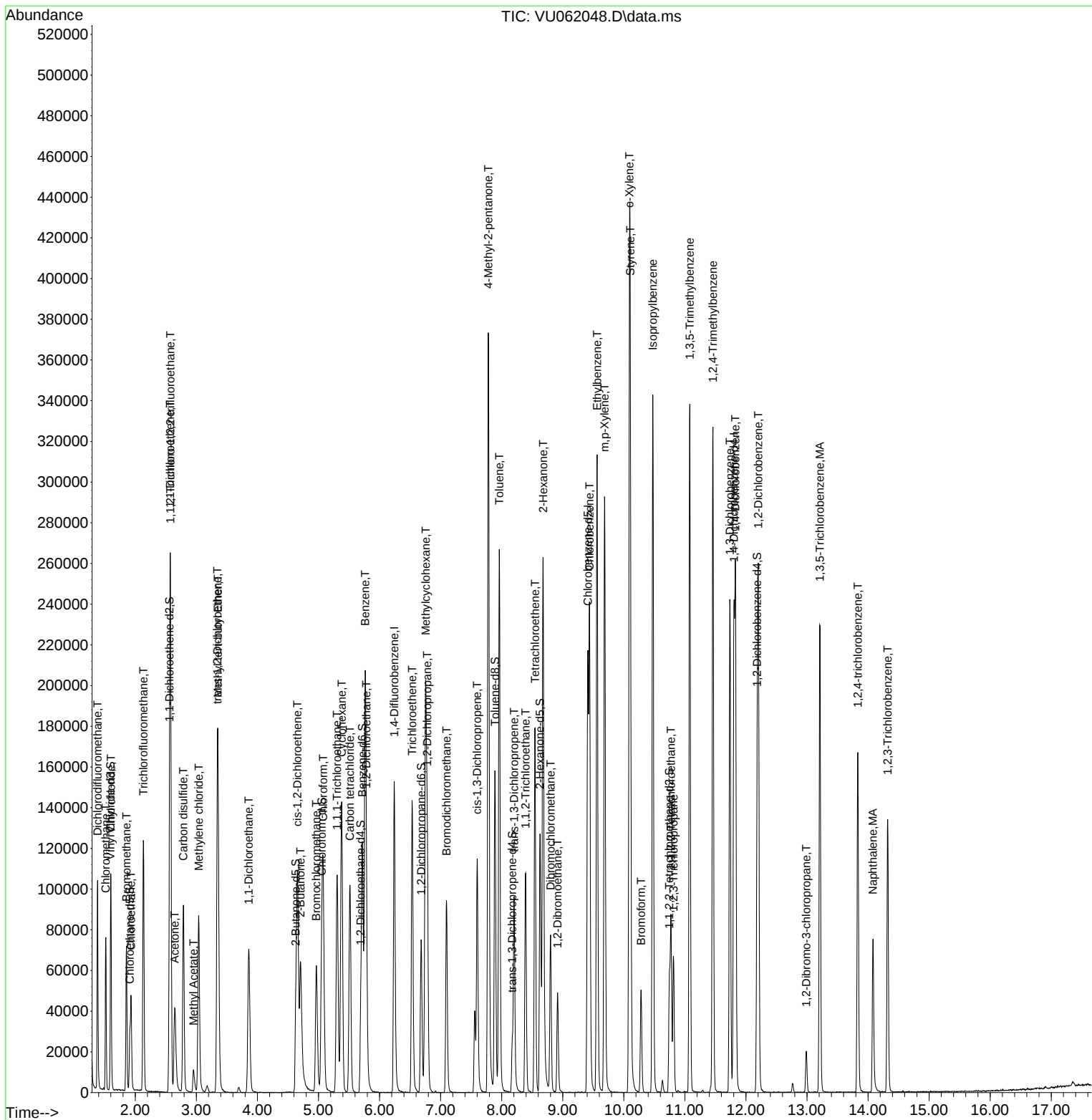
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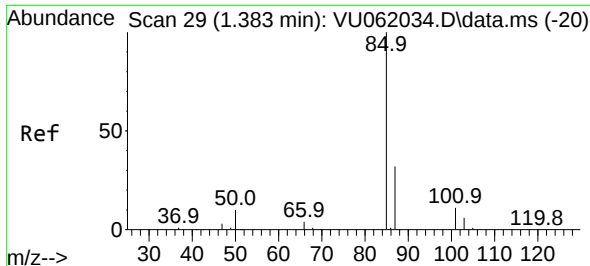
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54939	4.686	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	82475	6.070	ug/L	96
30) Cyclohexane	5.380	56	74602	5.249	ug/L	100
31) Carbon tetrachloride	5.515	117	72780	6.308	ug/L	99
33) Benzene	5.766	78	184980	5.196	ug/L	100
34) Trichloroethene	6.534	95	52463	5.521	ug/L	99
35) Methylcyclohexane	6.756	83	79090	5.441	ug/L	98
37) 1,2-Dichloropropane	6.782	63	48140	5.205	ug/L	99
38) Bromodichloromethane	7.097	83	63658	5.675	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	72451	5.586	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	235836	47.255	ug/L	95
42) Toluene	7.962	91	203186	5.438	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	59354	5.763	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	34798	5.107	ug/L	99
47) Tetrachloroethene	8.547	164	38771	5.610	ug/L	96
48) 2-Hexanone	8.679	43	166231	44.476	ug/L	98
49) Dibromochloromethane	8.801	129	41454	5.759	ug/L	98
50) 1,2-Dibromoethane	8.917	107	33137	4.900	ug/L #	94
51) Chlorobenzene	9.441	112	124708	4.874	ug/L	99
52) Ethylbenzene	9.563	91	225914	5.053	ug/L	99
53) m,p-Xylene	9.685	106	83547	5.296	ug/L	94
54) o-Xylene	10.094	106	81633	5.126	ug/L	97
55) Styrene	10.106	104	134962	5.144	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	41162	4.714	ug/L #	96
59) Bromoform	10.283	173	23872	5.421	ug/L	99
60) Isopropylbenzene	10.476	105	224036	4.850	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29410	4.294	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	189096	5.132	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	185626	5.053	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	99537	4.854	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	97659	4.921	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	90944	5.100	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5986	5.122	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	70479	5.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	51089	5.464	ug/L	97
71) Naphthalene	14.081	128	66646	4.422	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	41691	5.177	ug/L	98

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

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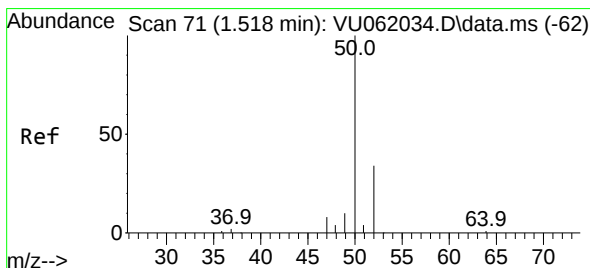
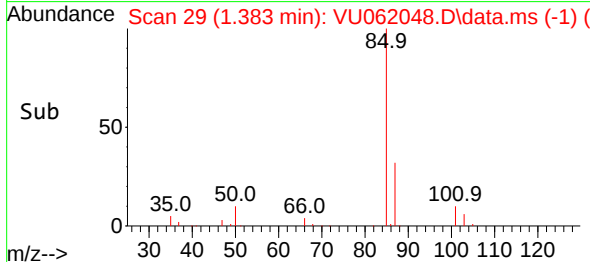
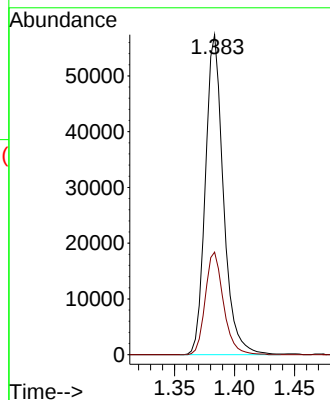
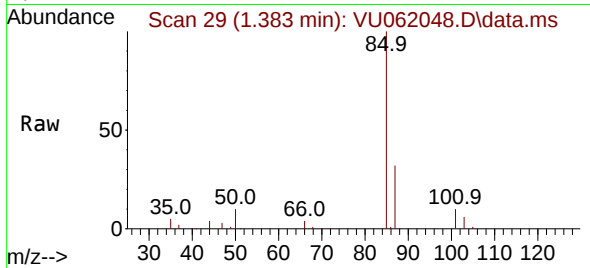




#2
 Dichlorodifluoromethane
 Concen: 5.438 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062048.D
 Acq: 27 Nov 2024 09:04

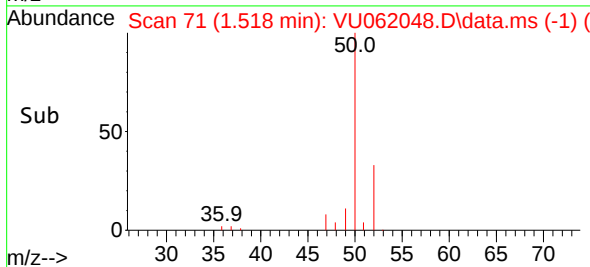
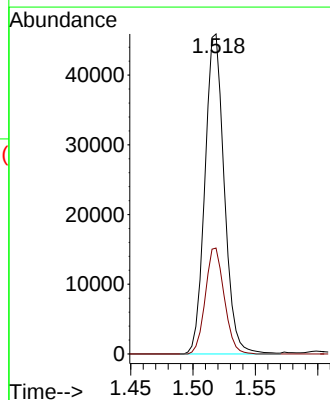
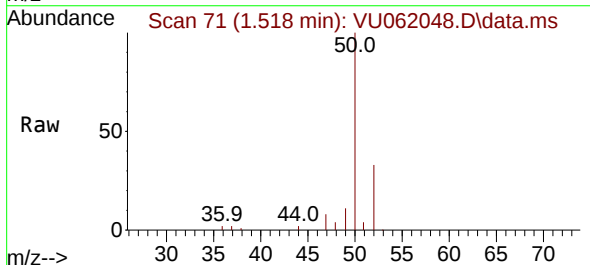
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 MSVOA_U
 ClientSampleId :

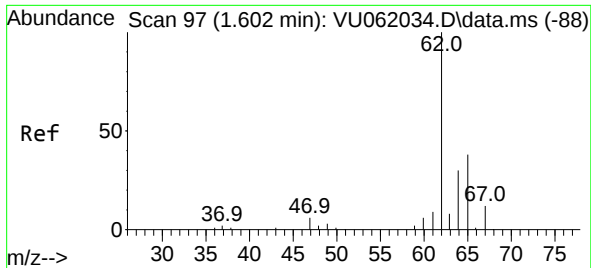
Tgt Ion: 85 Resp: 60073
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 40.0



#3
 Chloromethane
 Concen: 4.352 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062048.D
 Acq: 27 Nov 2024 09:04

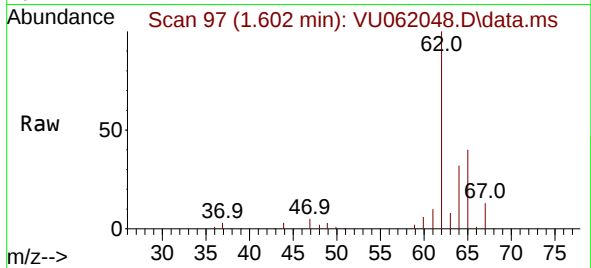
Tgt Ion: 50 Resp: 49546
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9



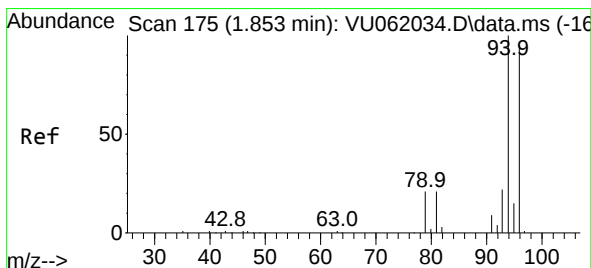
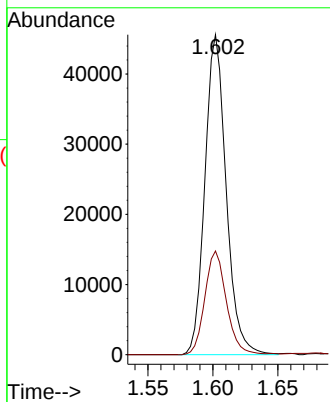
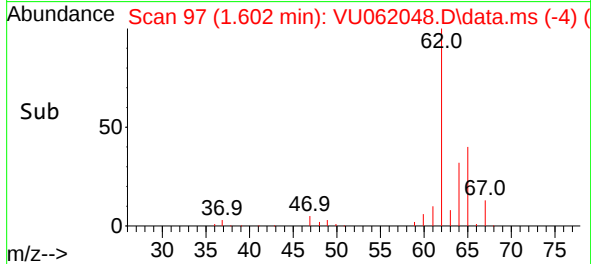


#5
 Vinyl chloride
 Concen: 4.437 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU062048.D
 Acq: 27 Nov 2024 09:04

Instrument :
 MSVOA_U
 ClientSampleId :

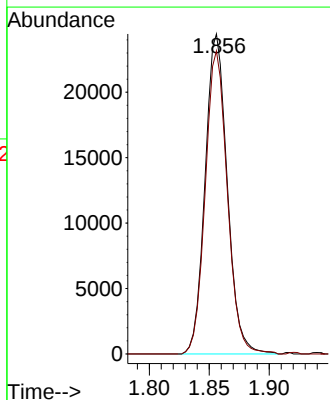
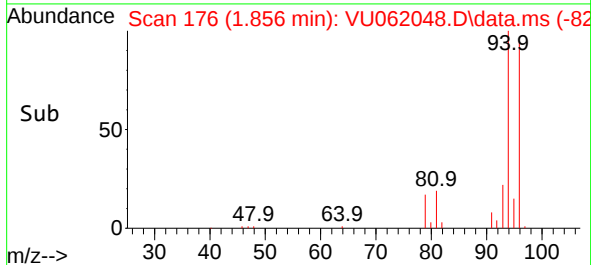
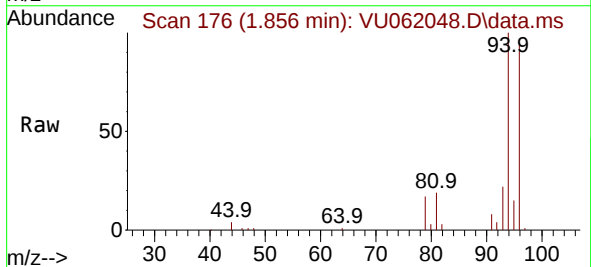


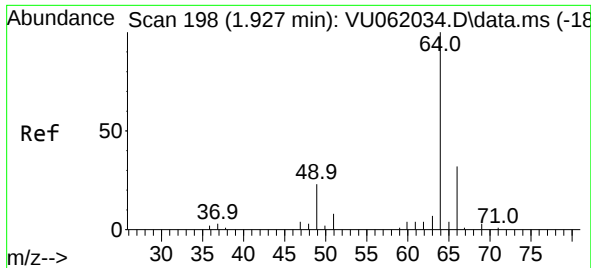
Tgt Ion: 62 Resp: 51905
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.1 42.9



#6
 Bromomethane
 Concen: 4.510 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU062048.D
 Acq: 27 Nov 2024 09:04

Tgt Ion: 94 Resp: 31407
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.5 119.9





#8

Chloroethane

Concen: 3.784 ug/L

RT: 1.930 min Scan# 198

Delta R.T. 0.003 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

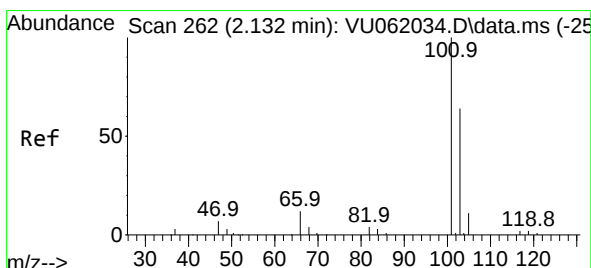
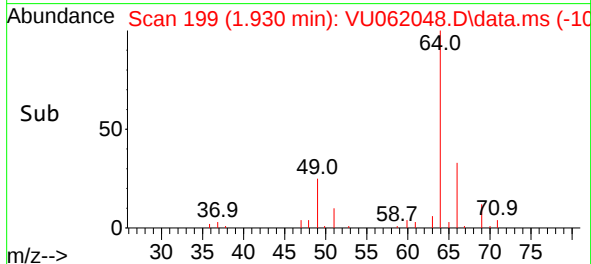
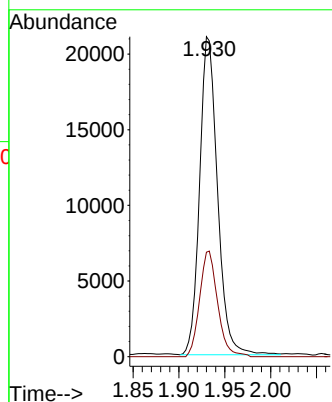
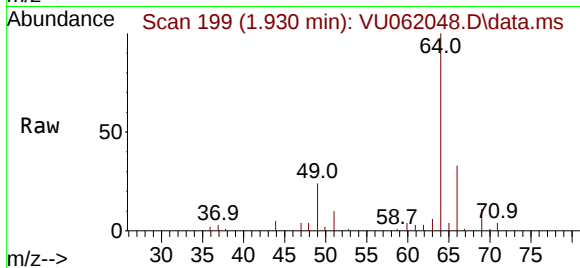
ClientSampleId :

Tgt Ion: 64 Resp: 28544

Ion Ratio Lower Upper

64 100

66 32.6 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.585 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU062048.D

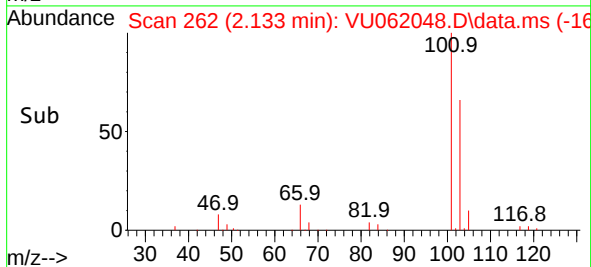
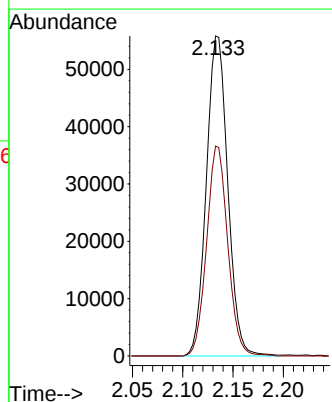
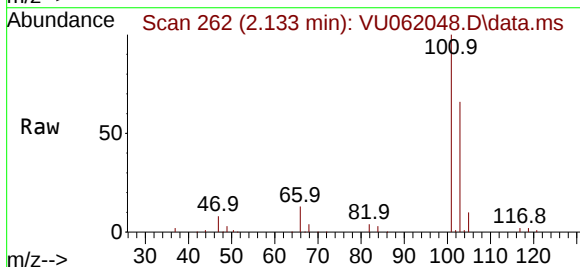
Acq: 27 Nov 2024 09:04

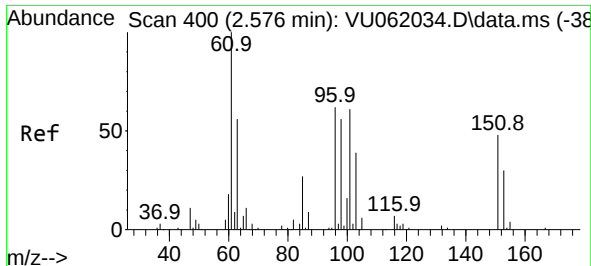
Tgt Ion:101 Resp: 82648

Ion Ratio Lower Upper

101 100

103 64.6 50.6 75.8

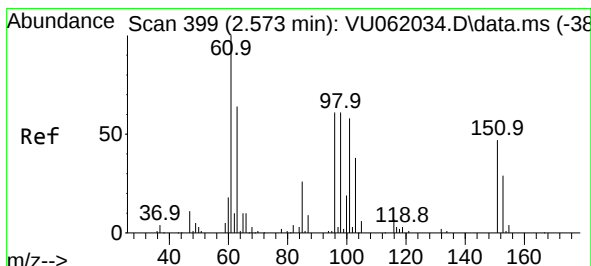
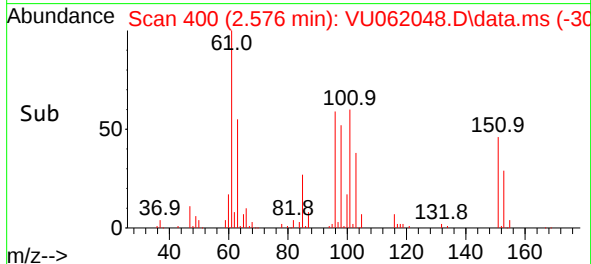
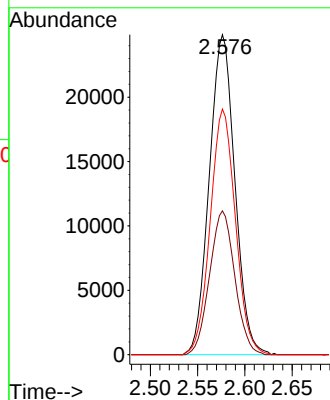
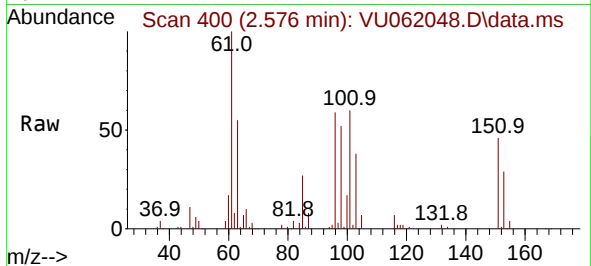




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.141 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

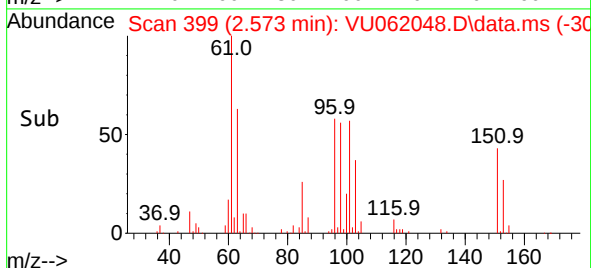
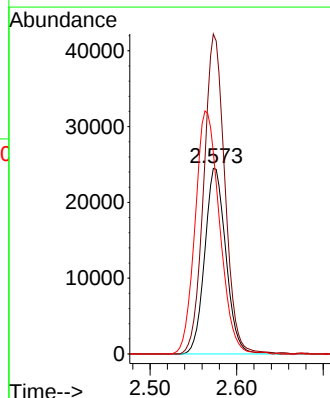
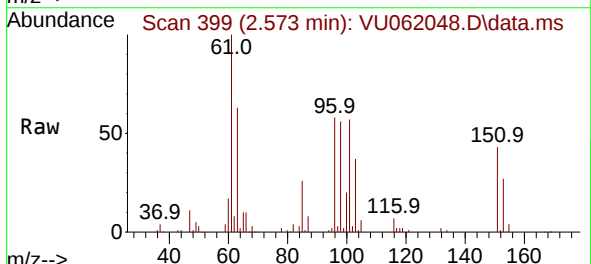
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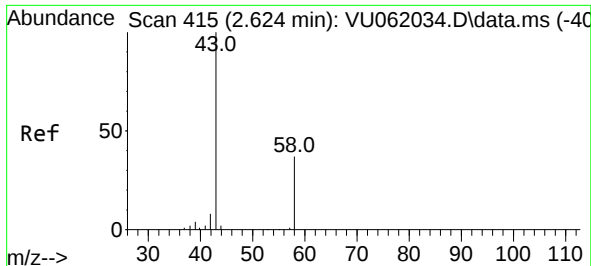
Tgt Ion:101 Resp: 46810
Ion Ratio Lower Upper
101 100
85 44.2 38.0 57.0
151 75.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.910 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 96 Resp: 41576
Ion Ratio Lower Upper
96 100
61 172.4 119.6 222.2
63 108.7 65.0 120.6





#13

Acetone

Concen: 46.349 ug/L

RT: 2.647 min Scan# 415

Delta R.T. 0.019 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

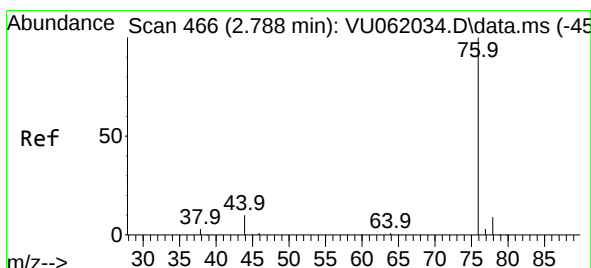
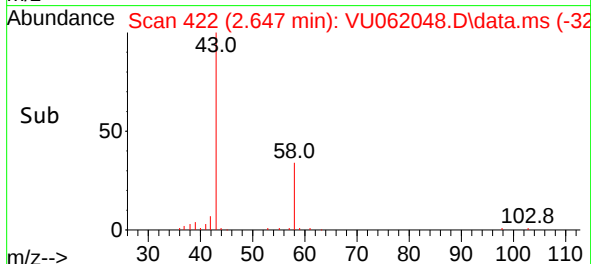
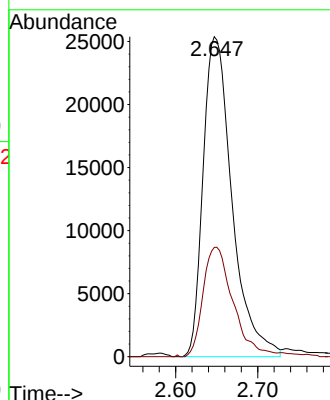
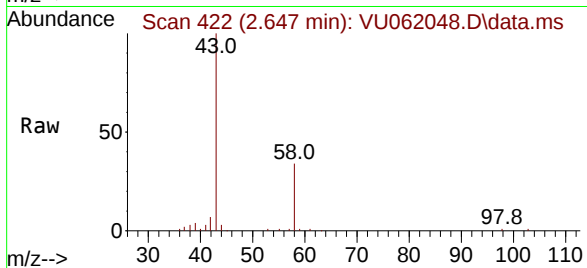
ClientSampleId :

Tgt Ion: 43 Resp: 62234

Ion Ratio Lower Upper

43 100

58 35.4 0.0 64.0



#14

Carbon disulfide

Concen: 4.641 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU062048.D

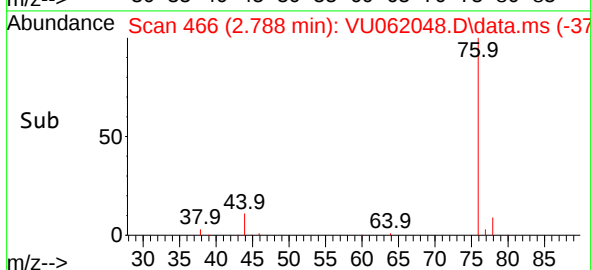
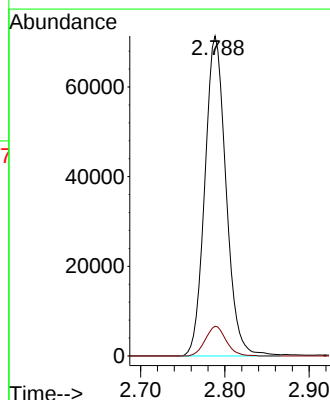
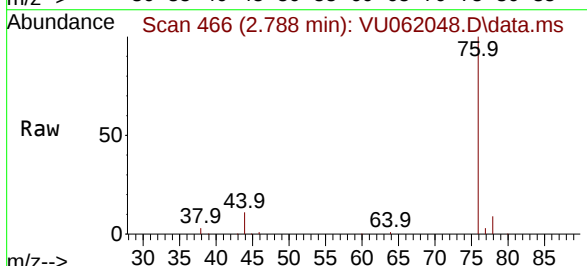
Acq: 27 Nov 2024 09:04

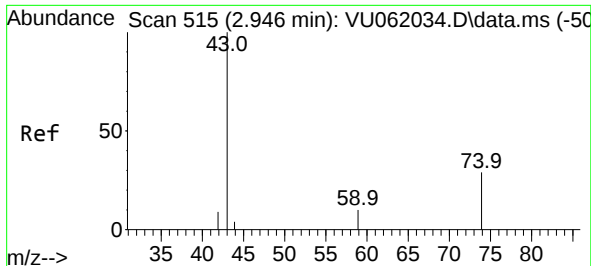
Tgt Ion: 76 Resp: 124999

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

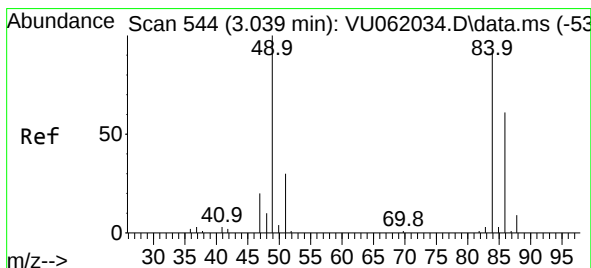
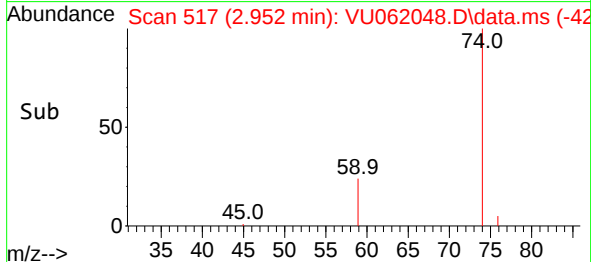
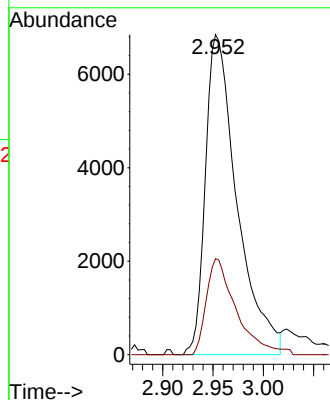
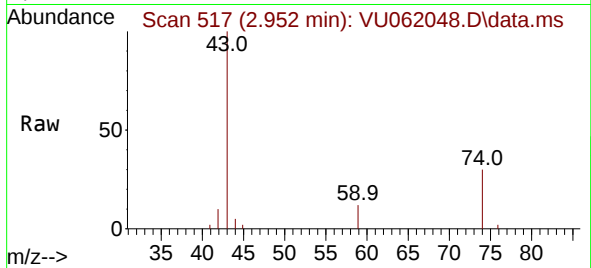




#15
Methyl Acetate
Concen: 4.344 ug/L
RT: 2.952 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

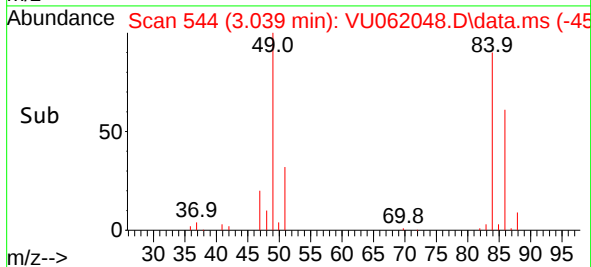
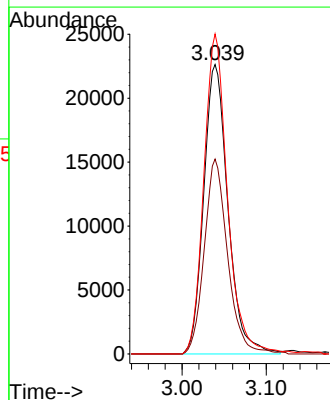
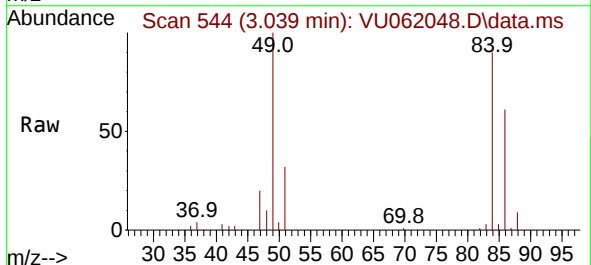
Instrument :
MSVOA_U
ClientSampleId :

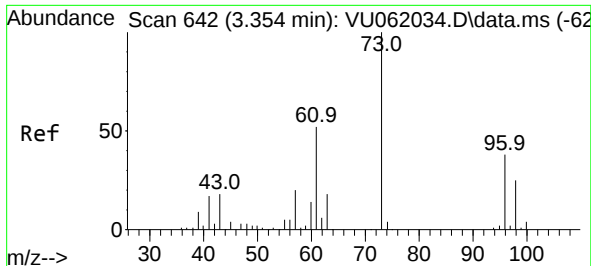
Tgt Ion: 43 Resp: 14977
Ion Ratio Lower Upper
43 100
74 28.4 19.4 29.2



#16
Methylene chloride
Concen: 4.458 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 84 Resp: 45323
Ion Ratio Lower Upper
84 100
86 67.3 43.5 80.7
49 110.5 81.9 152.1

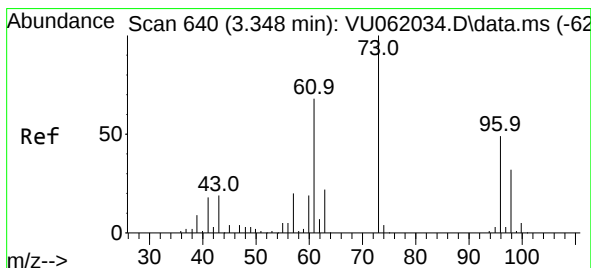
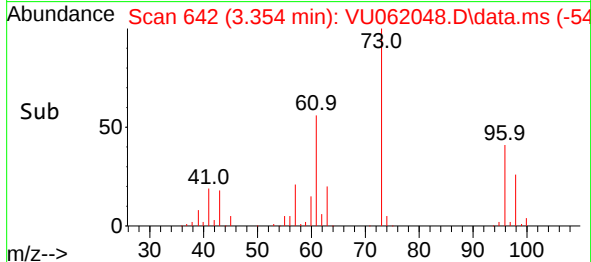
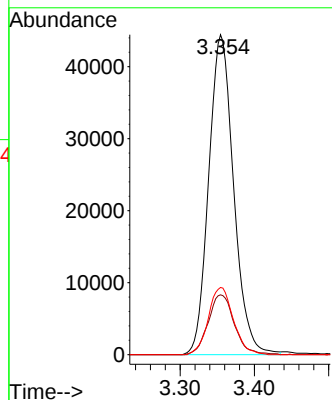
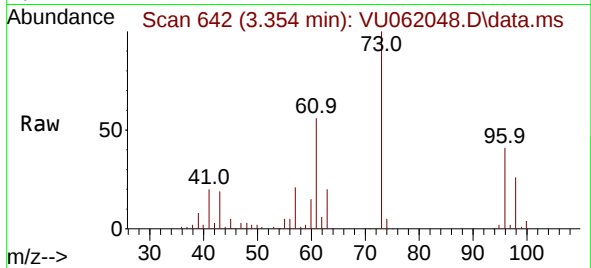




#17
Methyl tert-butyl Ether
Concen: 4.775 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

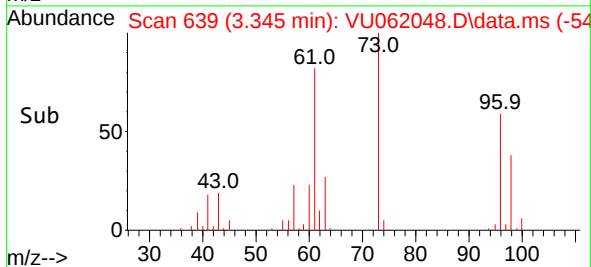
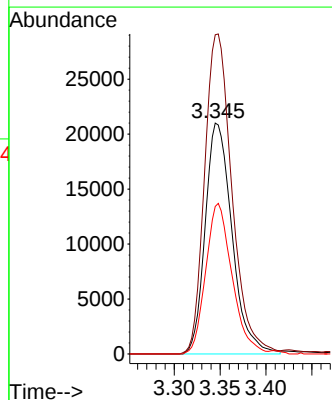
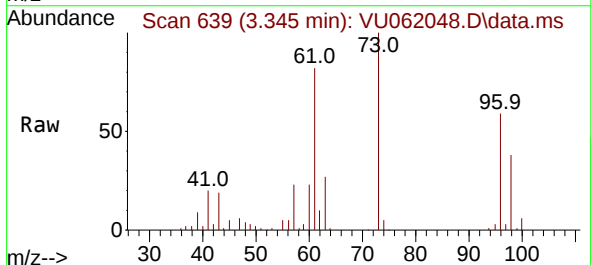
Instrument :
MSVOA_U
ClientSampleId :

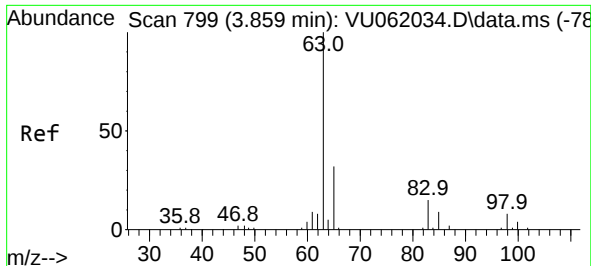
Tgt Ion: 73 Resp: 103629
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.777 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

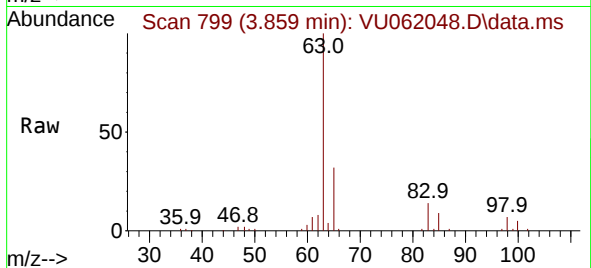
Tgt Ion: 96 Resp: 42757
Ion Ratio Lower Upper
96 100
61 138.3 104.2 193.4
98 63.9 45.7 84.9



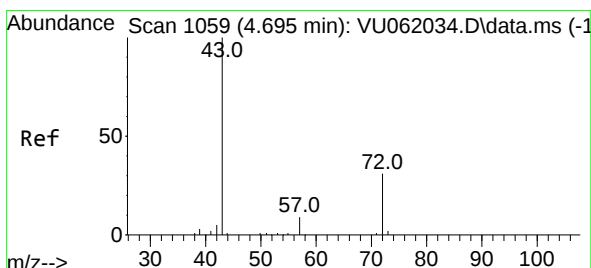
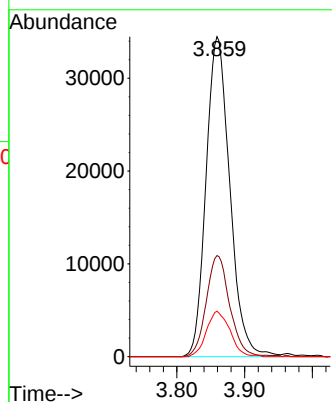
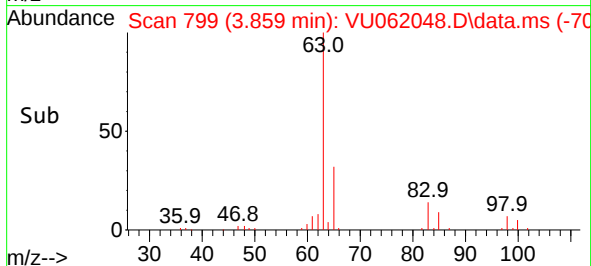


#19
1,1-Dichloroethane
Concen: 4.826 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

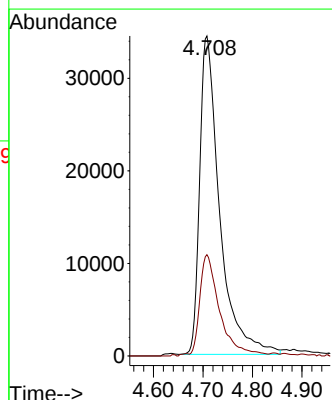
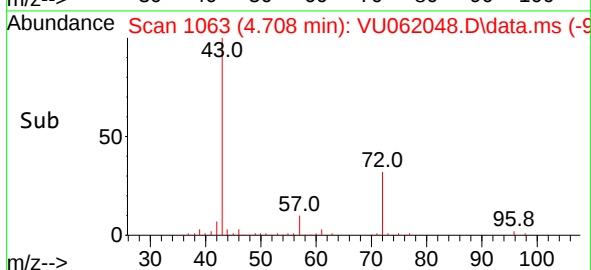
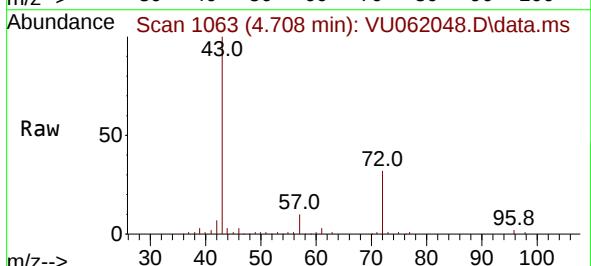


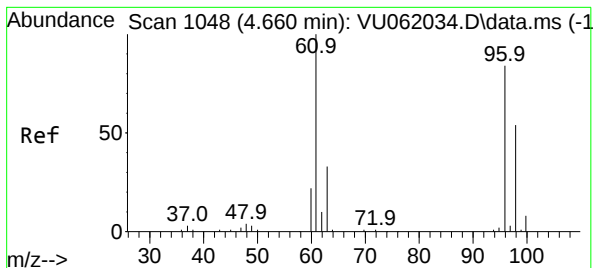
Tgt Ion: 63 Resp: 84145
Ion Ratio Lower Upper
63 100
65 31.6 22.7 42.3
83 14.2 9.9 18.3



#21
2-Butanone
Concen: 44.533 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 43 Resp: 96642
Ion Ratio Lower Upper
43 100
72 29.6 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 4.836 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

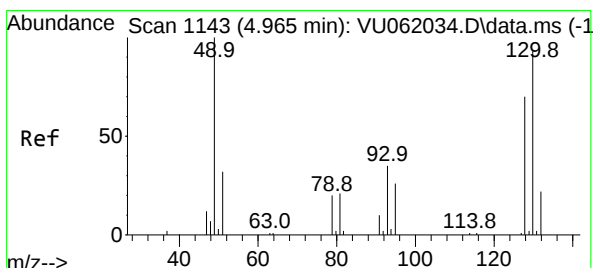
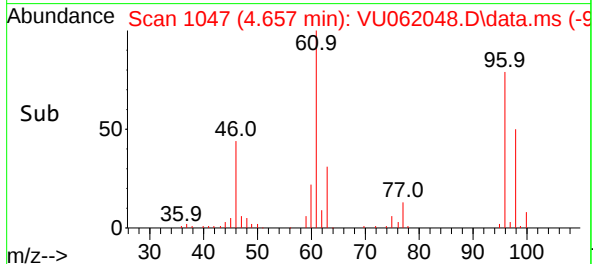
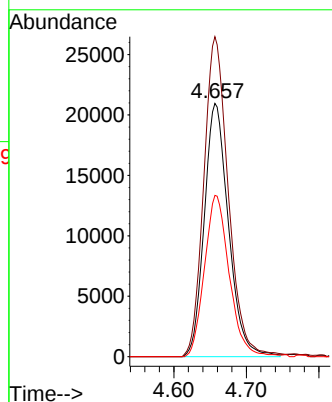
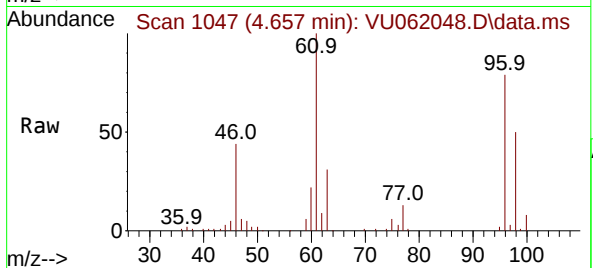
Tgt Ion: 96 Resp: 48710

Ion Ratio Lower Upper

96 100

61 126.3 92.0 170.8

98 63.6 44.5 82.7



#23

Bromochloromethane

Concen: 4.905 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Tgt Ion:128 Resp: 21478

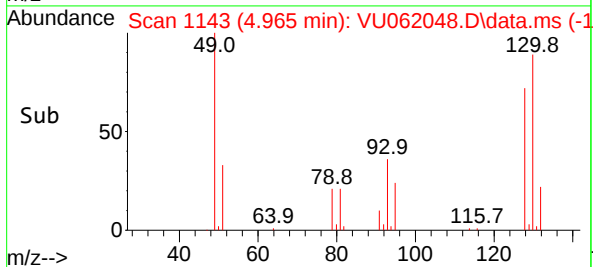
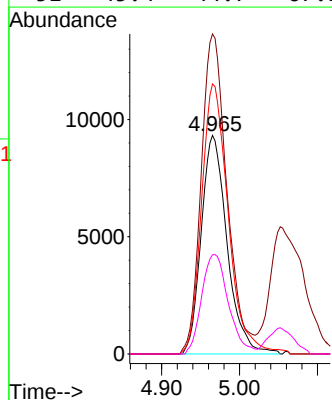
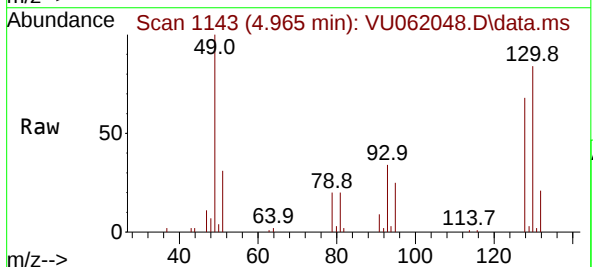
Ion Ratio Lower Upper

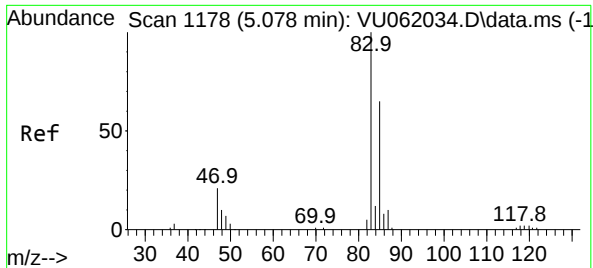
128 100

49 146.4 115.3 214.1

130 123.6 92.0 170.8

51 45.4 44.7 67.1





#25

Chloroform

Concen: 4.973 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

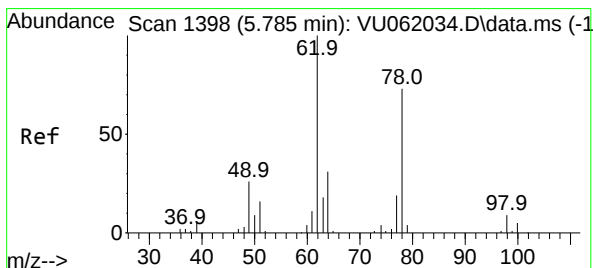
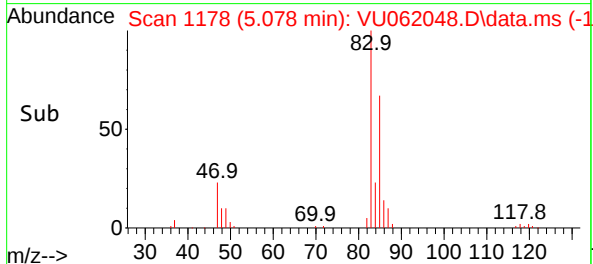
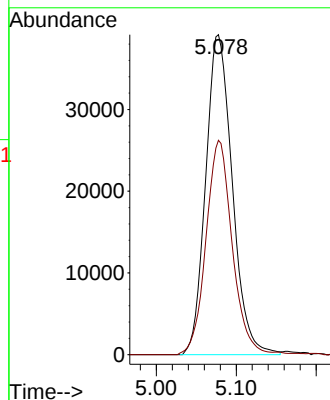
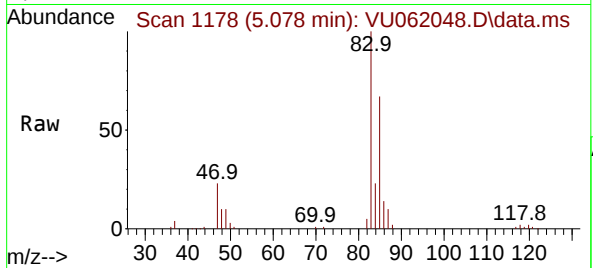
ClientSampleId :

Tgt Ion: 83 Resp: 90636

Ion Ratio Lower Upper

83 100

85 67.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.686 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062048.D

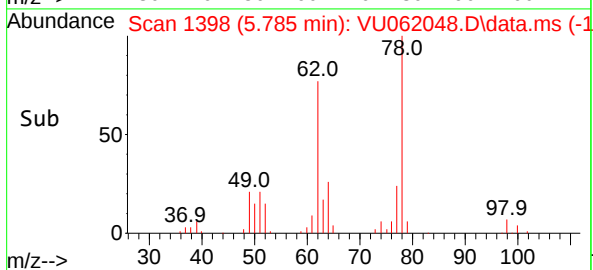
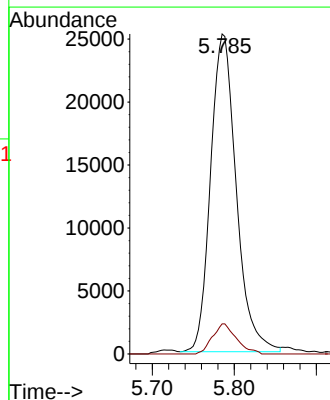
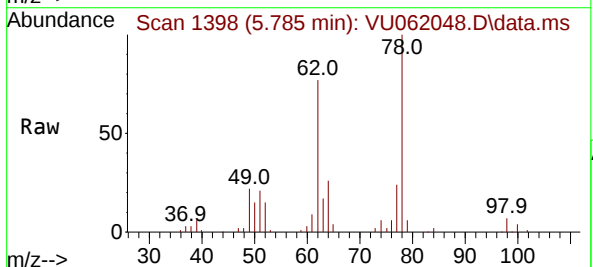
Acq: 27 Nov 2024 09:04

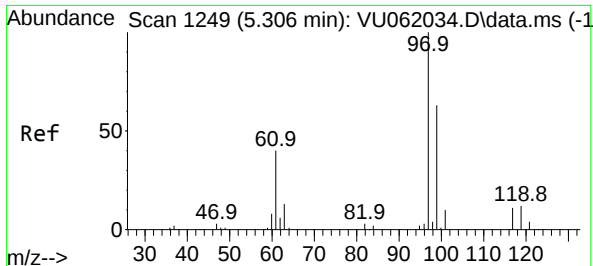
Tgt Ion: 62 Resp: 54939

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0

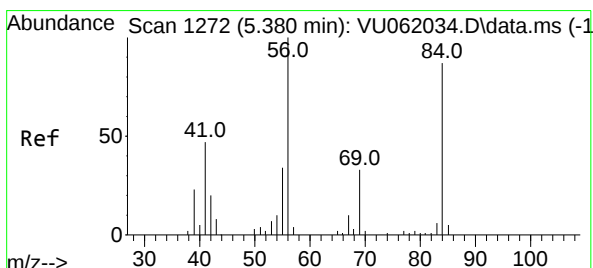
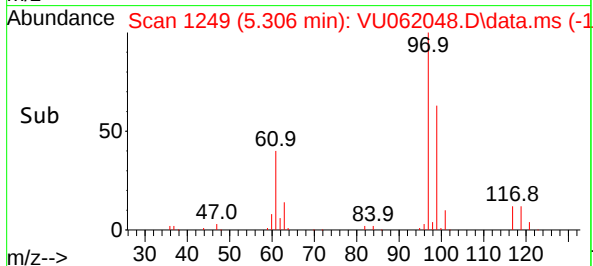
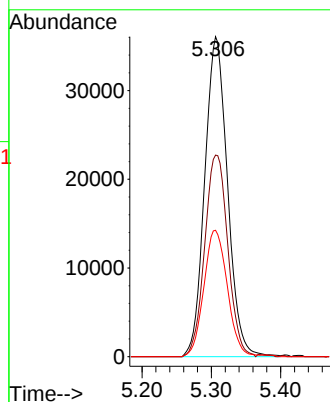
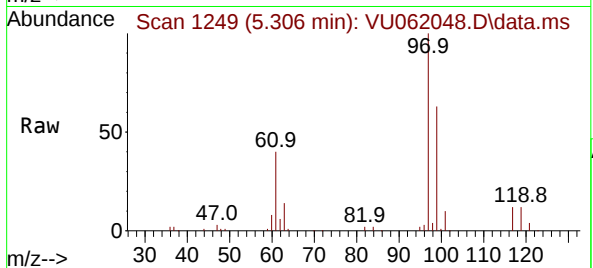




#29
1,1,1-Trichloroethane
Concen: 6.070 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

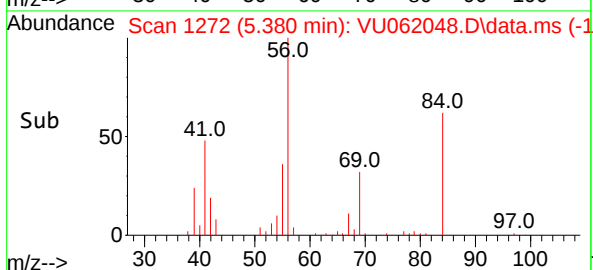
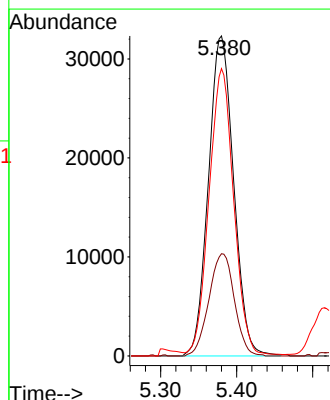
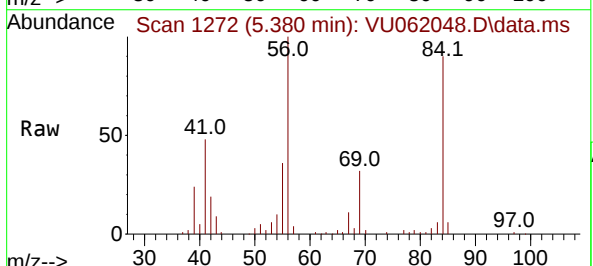
Instrument :
MSVOA_U
ClientSampleId :

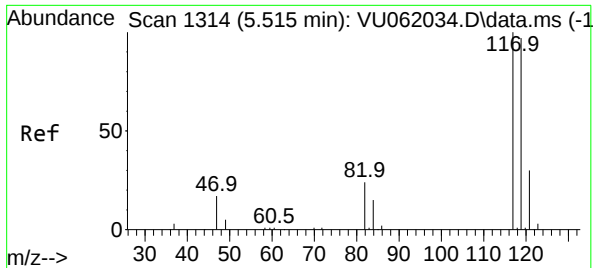
Tgt Ion: 97 Resp: 82475
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 40.7 37.8 56.6



#30
Cyclohexane
Concen: 5.249 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 56 Resp: 74602
Ion Ratio Lower Upper
56 100
69 32.2 25.1 37.7
84 88.1 70.6 105.8

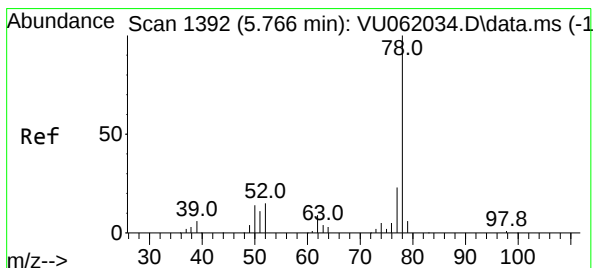
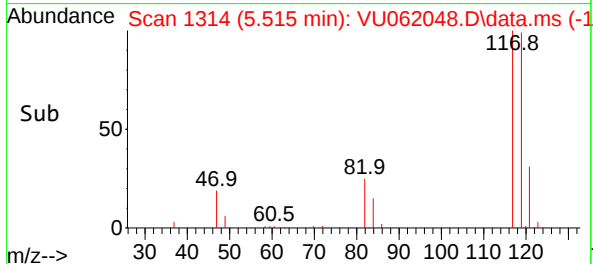
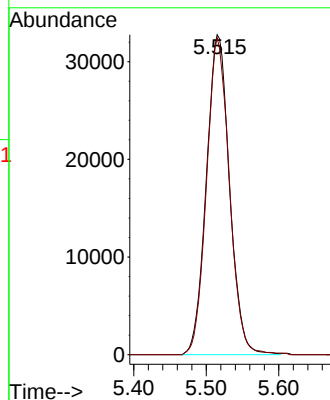
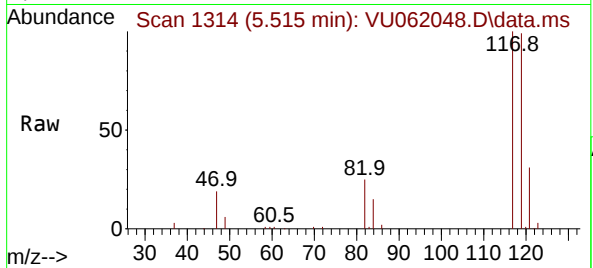




#31
Carbon tetrachloride
Concen: 6.308 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

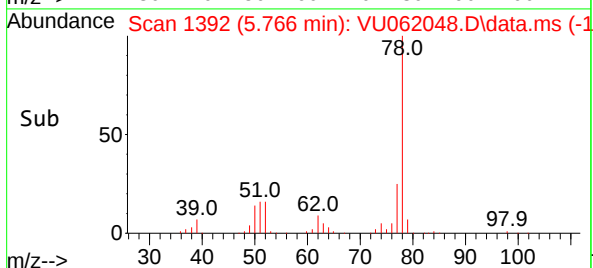
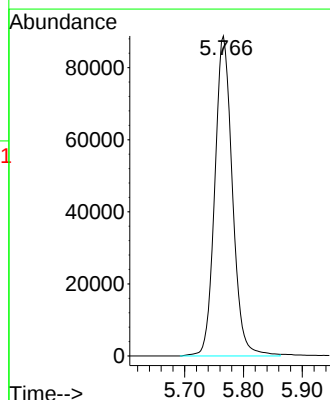
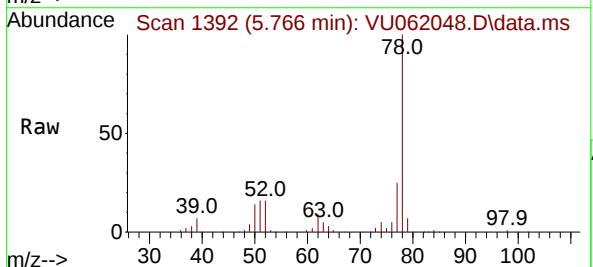
Instrument :
MSVOA_U
ClientSampleId :

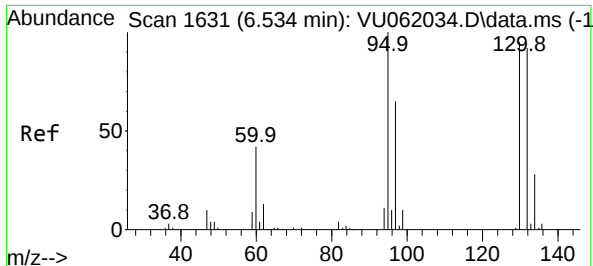
Tgt Ion:117 Resp: 72780
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#33
Benzene
Concen: 5.196 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 78 Resp: 184980





#34

Trichloroethene

Concen: 5.521 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 52463

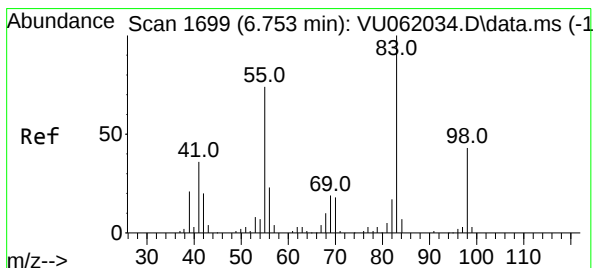
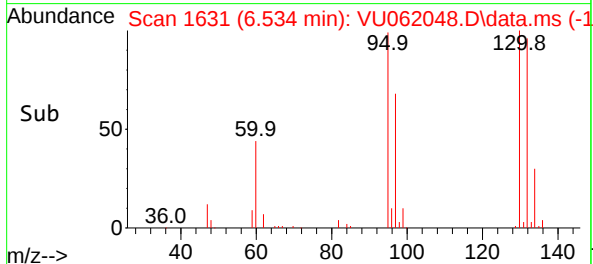
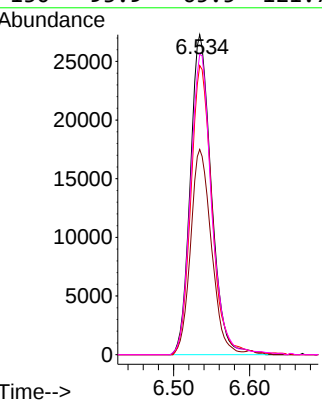
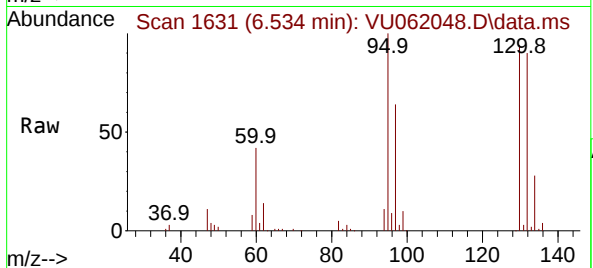
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 90.4 63.8 118.4

130 93.9 65.5 121.7



#35

Methylcyclohexane

Concen: 5.441 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

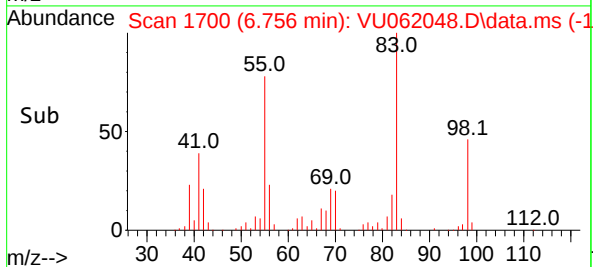
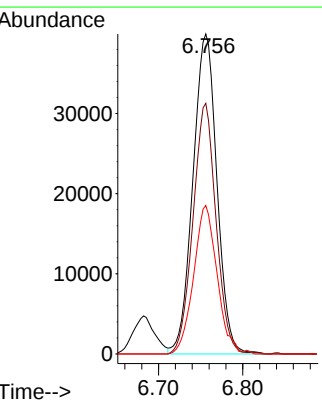
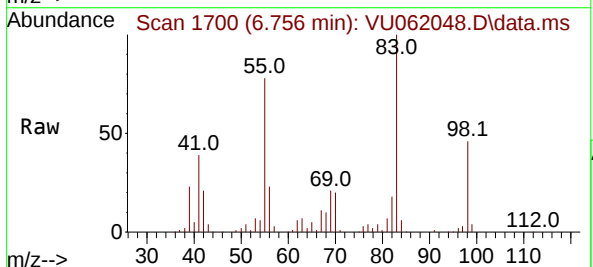
Tgt Ion: 83 Resp: 79090

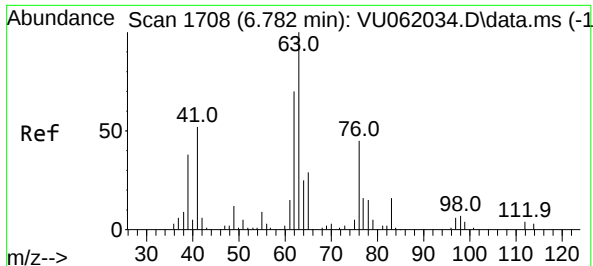
Ion Ratio Lower Upper

83 100

55 75.2 60.7 91.1

98 45.2 34.8 52.2

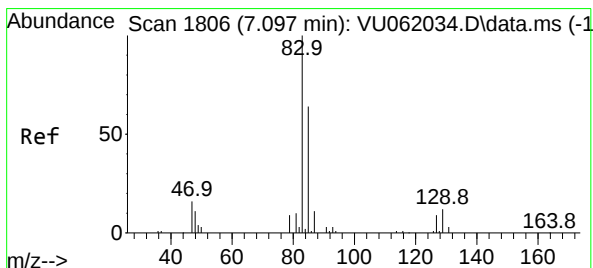
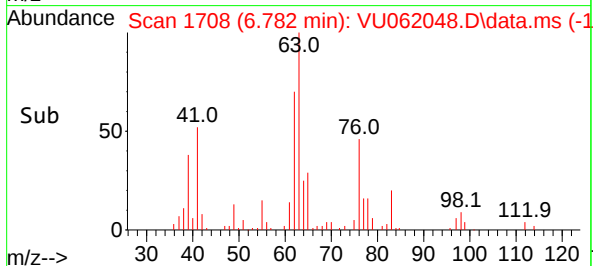
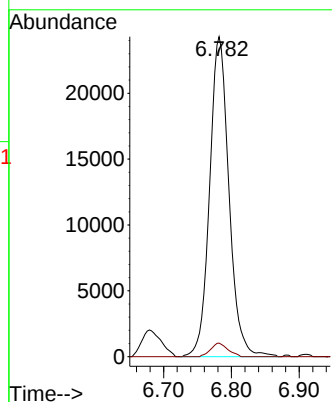
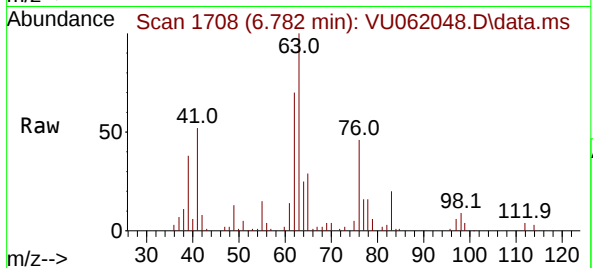




#37
1,2-Dichloropropane
Concen: 5.205 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

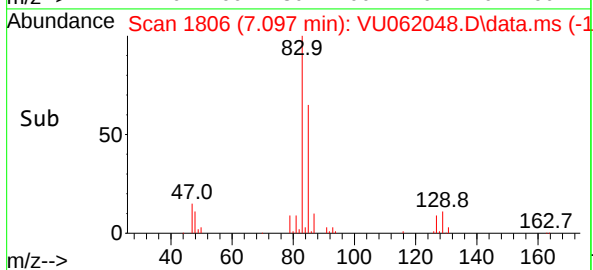
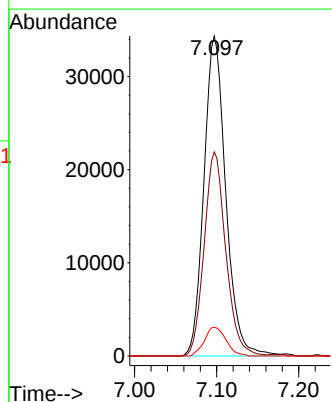
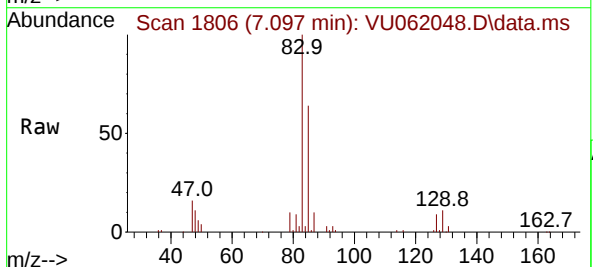
Instrument :
MSVOA_U
ClientSampleId :

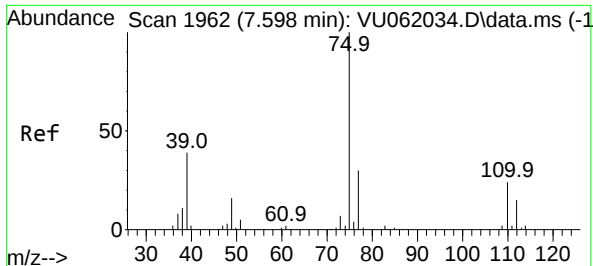
Tgt Ion: 63 Resp: 48140
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.675 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 83 Resp: 63658
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.586 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

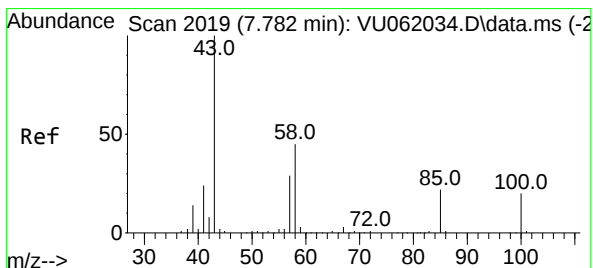
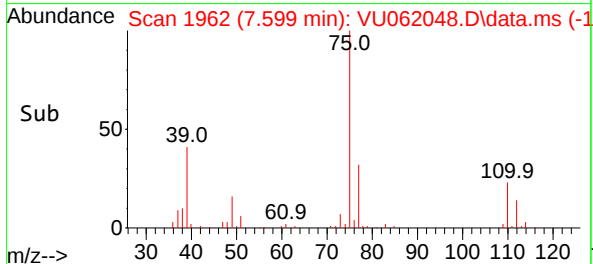
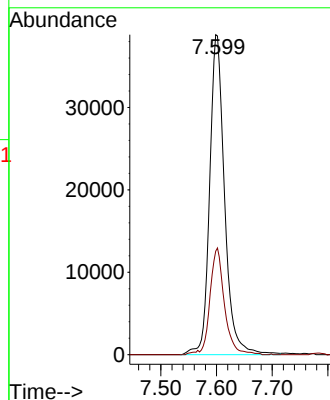
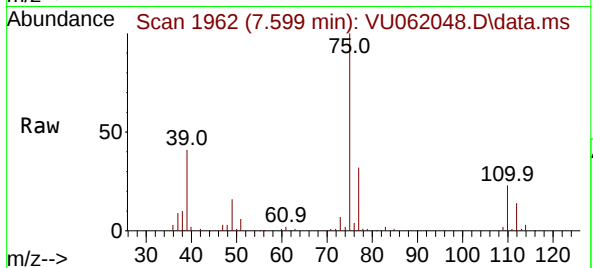
ClientSampleId :

Tgt Ion: 75 Resp: 72451

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 47.255 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

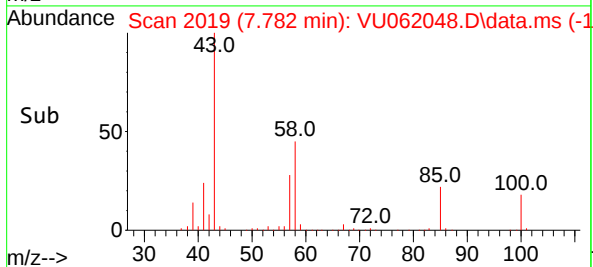
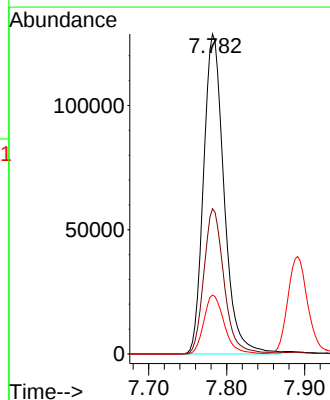
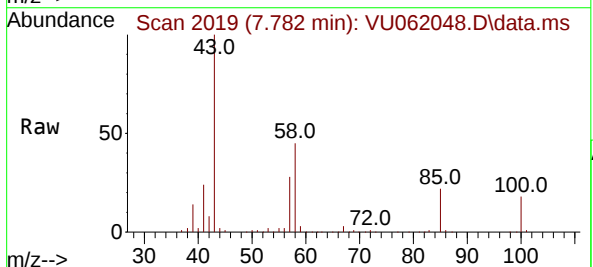
Tgt Ion: 43 Resp: 235836

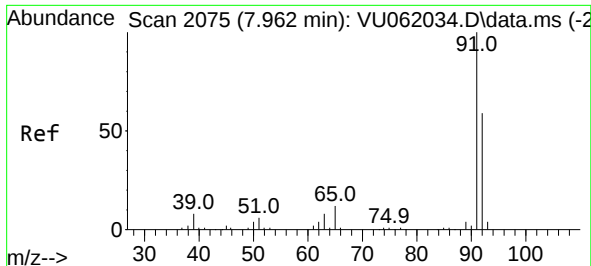
Ion Ratio Lower Upper

43 100

58 44.7 33.3 49.9

100 18.3 12.4 18.6





#42

Toluene

Concen: 5.438 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

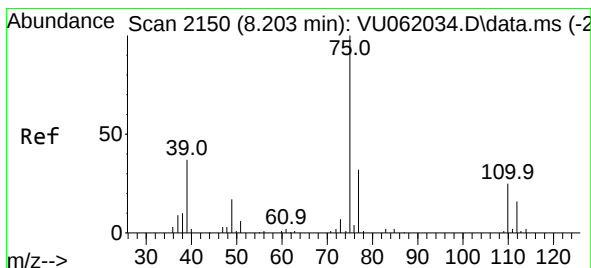
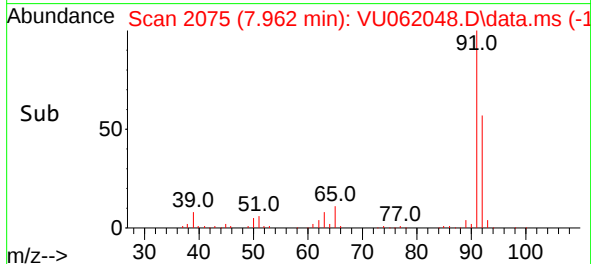
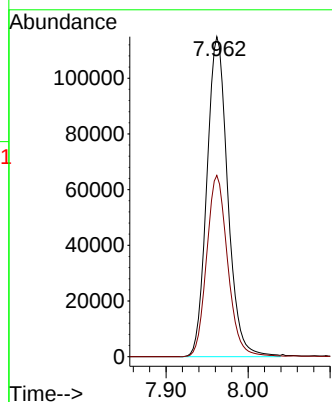
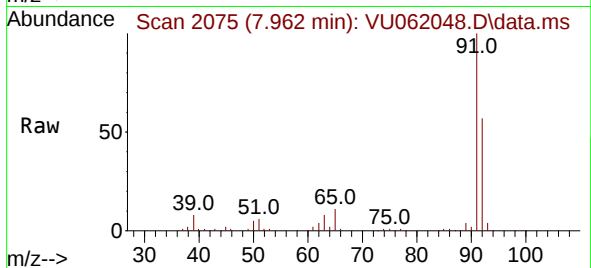
ClientSampleId :

Tgt Ion: 91 Resp: 203186

Ion Ratio Lower Upper

91 100

92 56.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.763 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062048.D

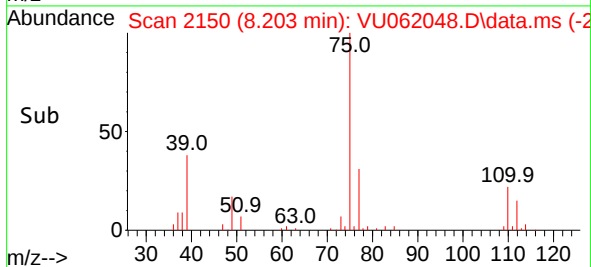
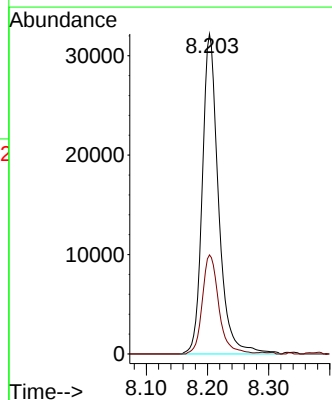
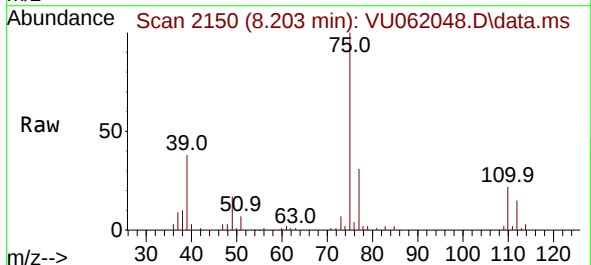
Acq: 27 Nov 2024 09:04

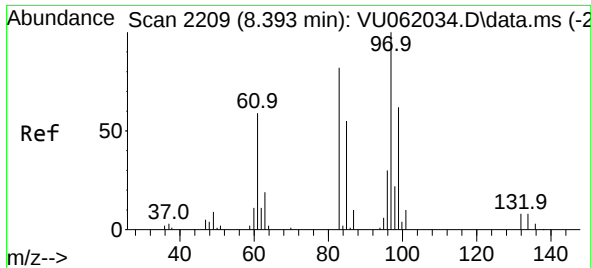
Tgt Ion: 75 Resp: 59354

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4

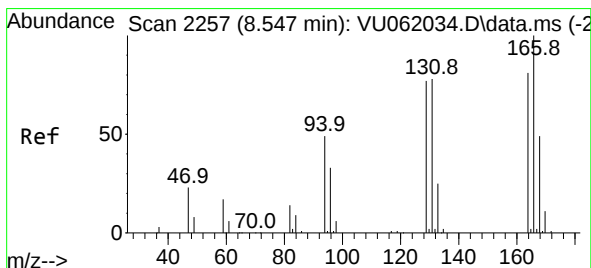
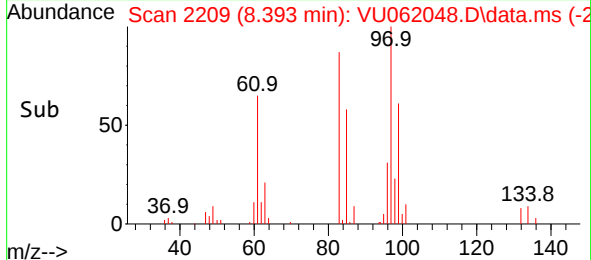
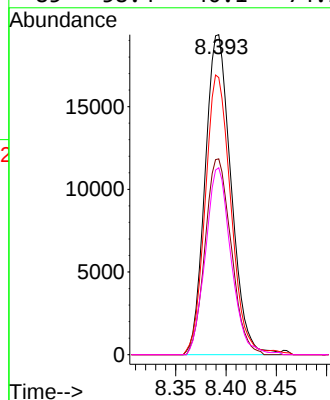
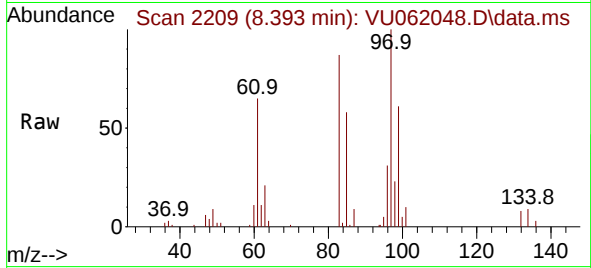




#45
1,1,2-Trichloroethane
Concen: 5.107 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

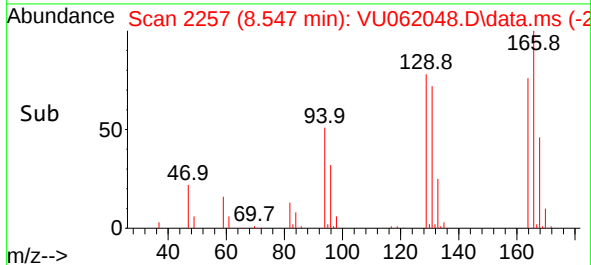
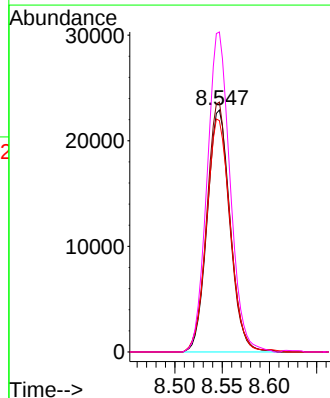
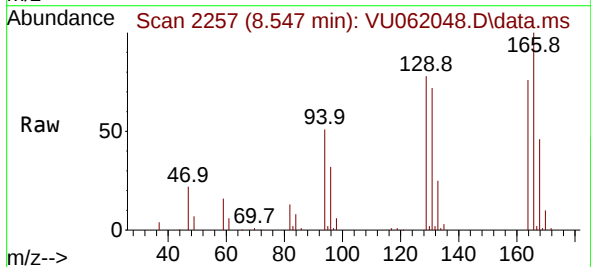
Instrument :
MSVOA_U
ClientSampleId :

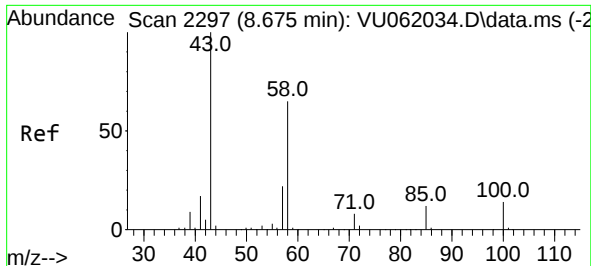
Tgt Ion:	97	Resp:	34798
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.0	79.8
83	86.6	61.7	114.5
85	58.4	40.1	74.5



#47
Tetrachloroethene
Concen: 5.610 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion:	164	Resp:	38771
Ion	Ratio	Lower	Upper
164	100		
129	103.3	73.2	136.0
131	95.6	72.3	134.3
166	132.3	90.2	167.4



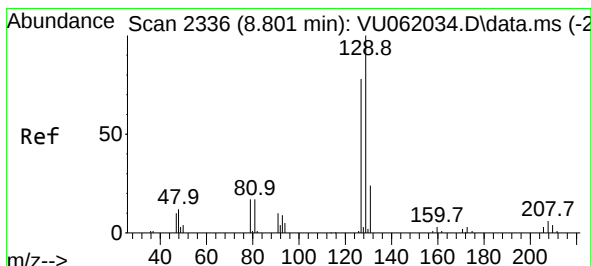
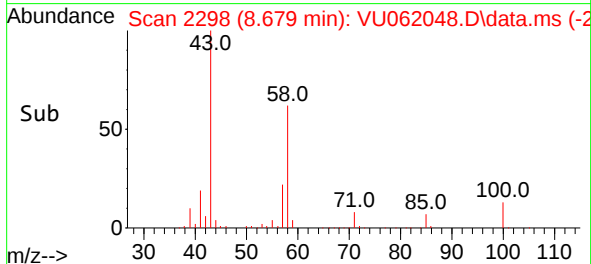
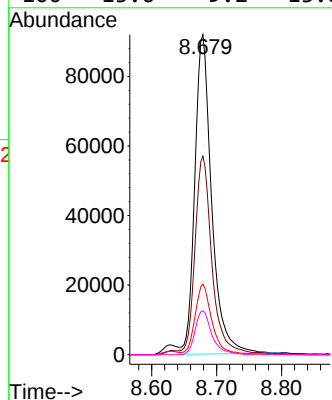
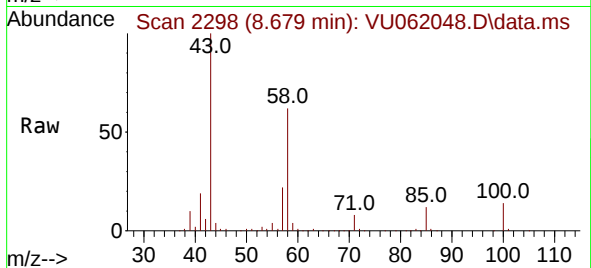


#48
2-Hexanone
Concen: 44.476 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 166231

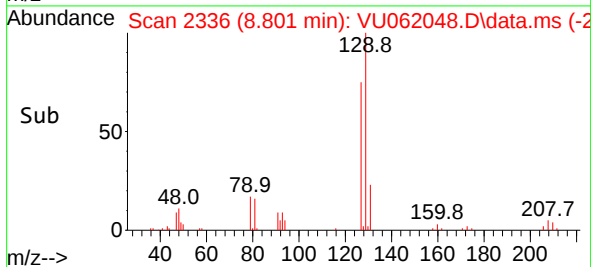
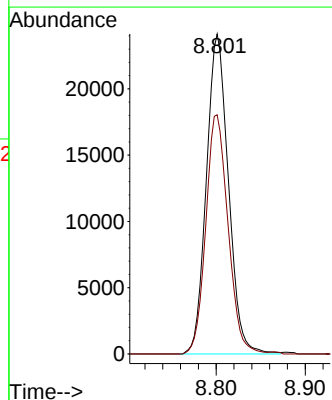
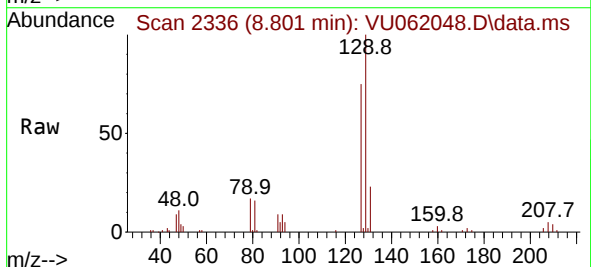
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.5	71.3
57	21.8	15.6	23.4
100	13.6	9.2	13.8

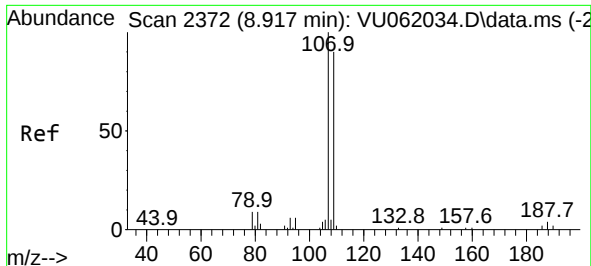


#49
Dibromochloromethane
Concen: 5.759 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 129 Resp: 41454

Ion	Ratio	Lower	Upper
129	100		
127	74.8	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.900 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

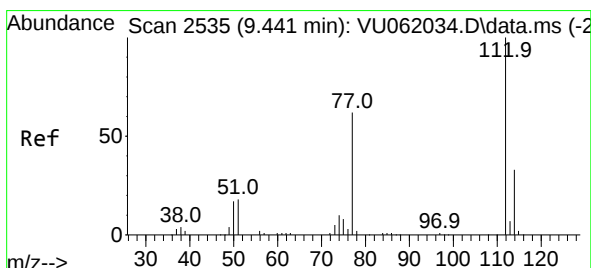
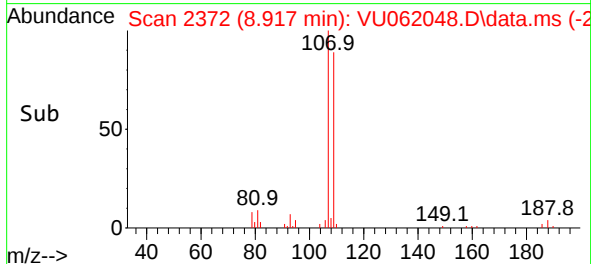
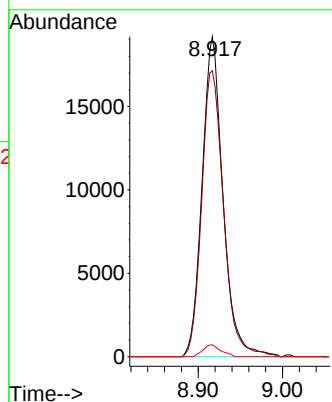
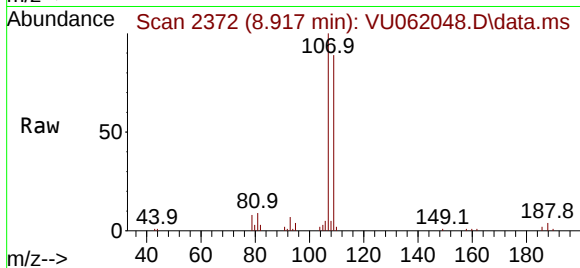
Tgt Ion:107 Resp: 33137

Ion Ratio Lower Upper

107 100

109 89.4 66.8 124.2

188 3.7 2.3 3.5#



#51

Chlorobenzene

Concen: 4.874 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

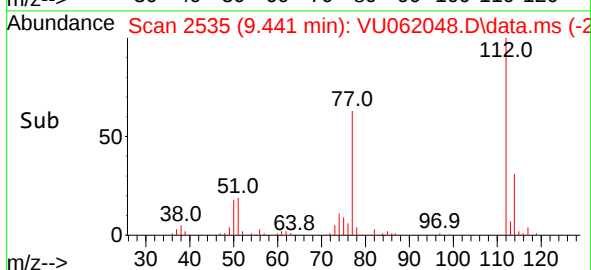
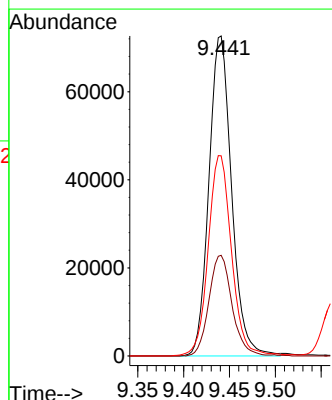
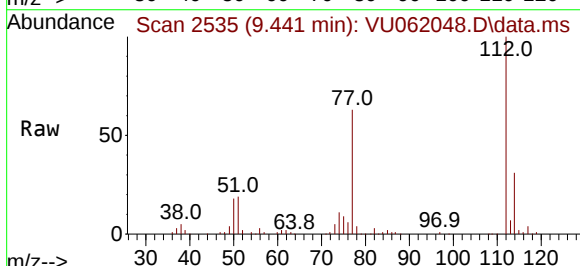
Tgt Ion:112 Resp: 124708

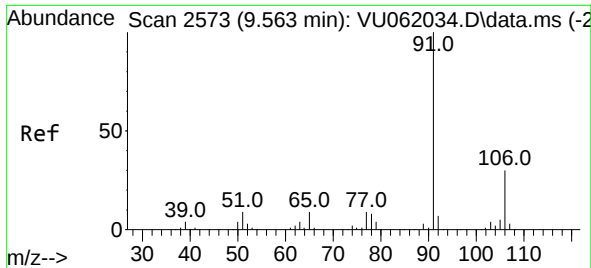
Ion Ratio Lower Upper

112 100

114 31.4 23.0 42.6

77 62.5 50.5 75.7

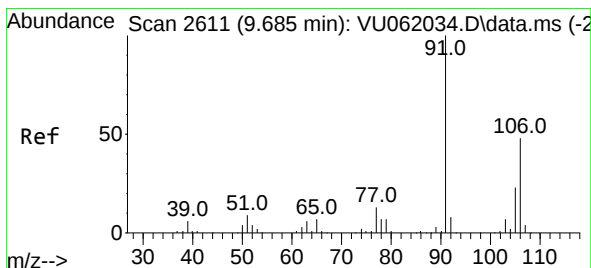
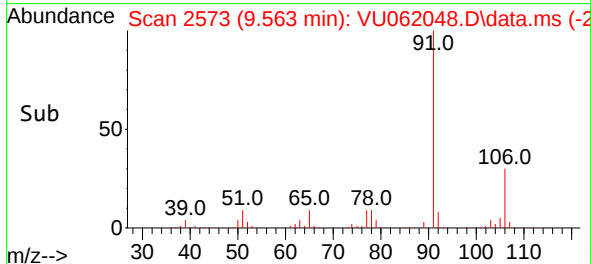
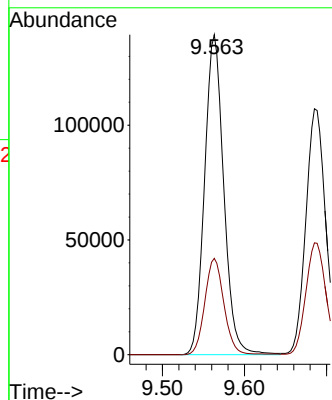
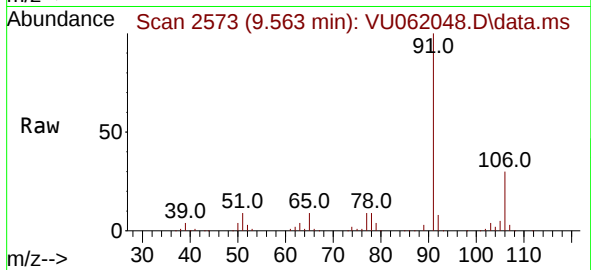




#52
Ethylbenzene
Concen: 5.053 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

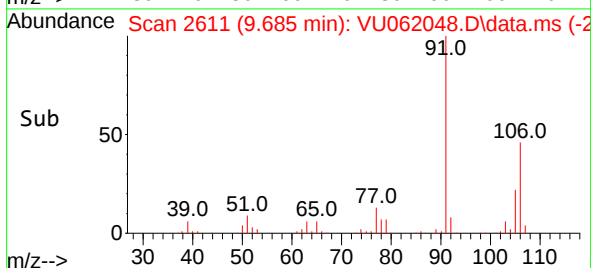
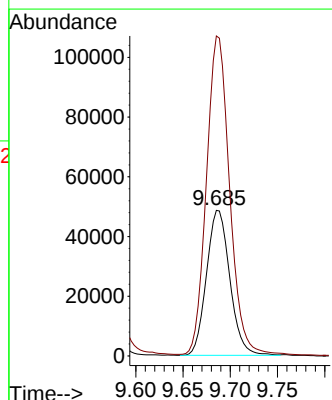
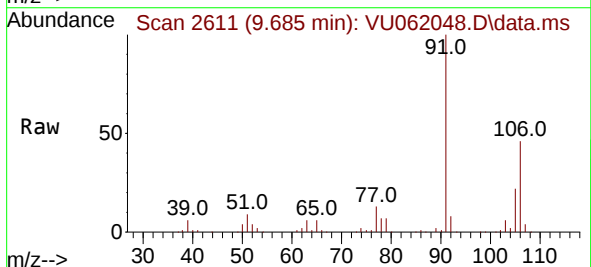
Instrument :
MSVOA_U
ClientSampleId :

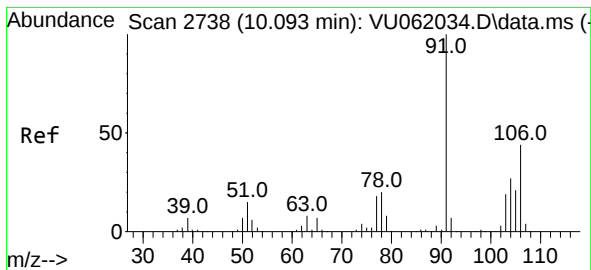
Tgt Ion: 91 Resp: 225914
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.296 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion: 106 Resp: 83547
Ion Ratio Lower Upper
106 100
91 219.7 147.6 274.0





#54

o-Xylene

Concen: 5.126 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

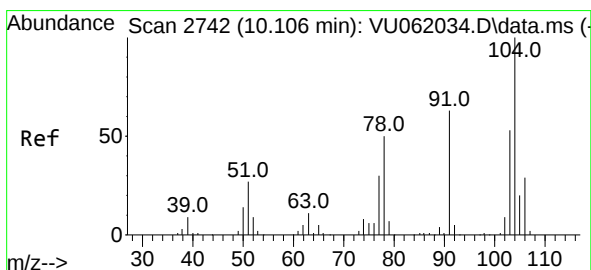
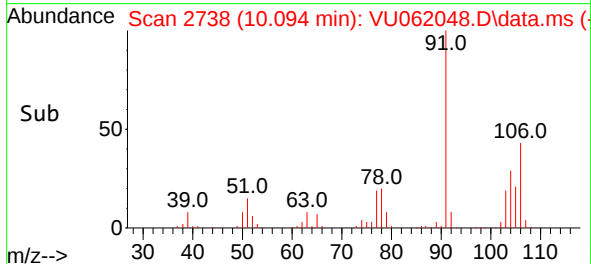
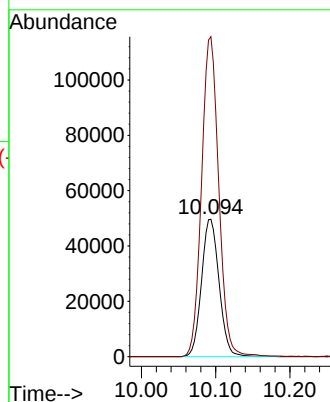
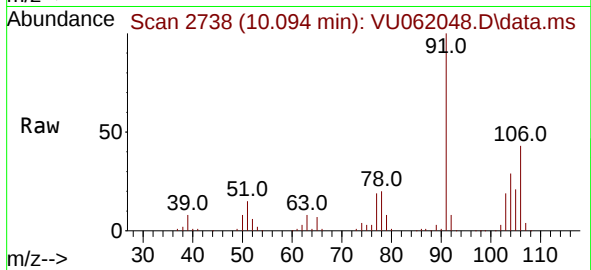
ClientSampleId :

Tgt Ion:106 Resp: 81633

Ion Ratio Lower Upper

106 100

91 232.9 159.8 296.8



#55

Styrene

Concen: 5.144 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062048.D

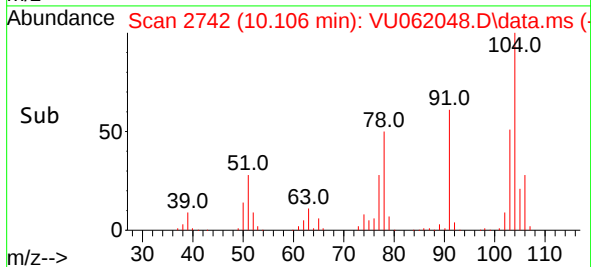
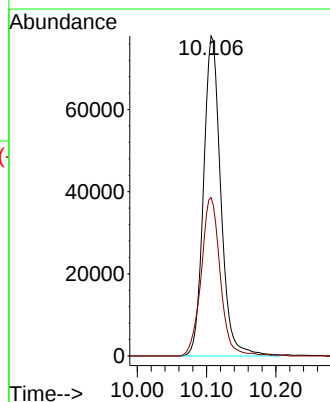
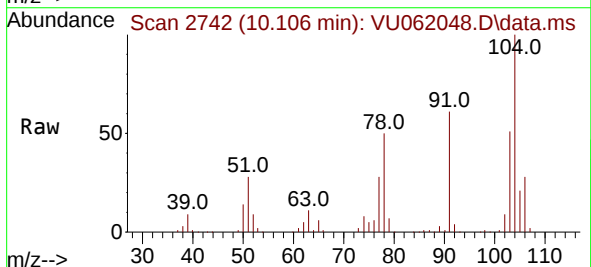
Acq: 27 Nov 2024 09:04

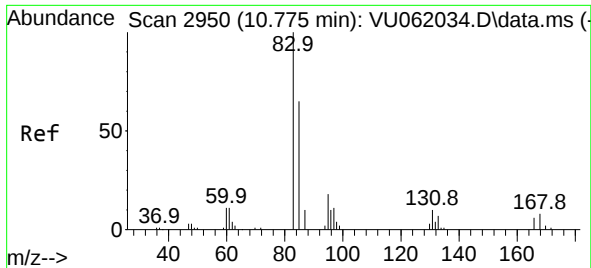
Tgt Ion:104 Resp: 134962

Ion Ratio Lower Upper

104 100

78 49.5 33.2 61.7

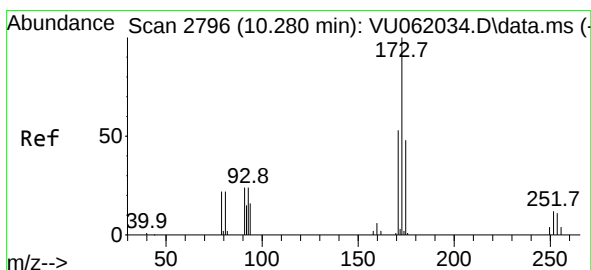
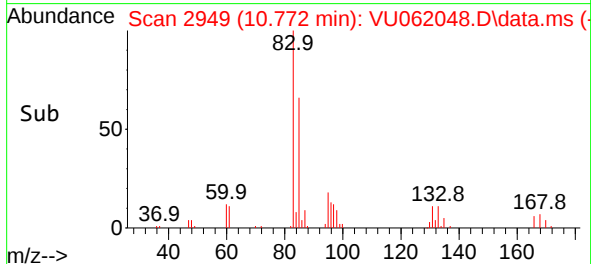
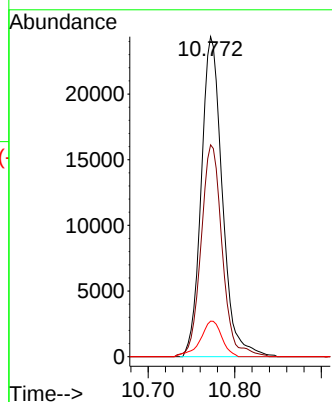
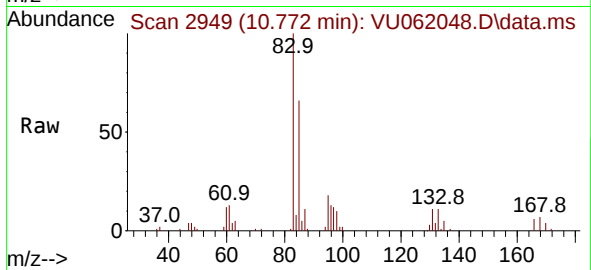




#57
1,1,2,2-Tetrachloroethane
Concen: 4.714 ug/L
RT: 10.772 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

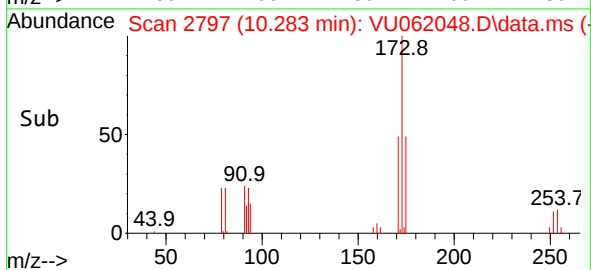
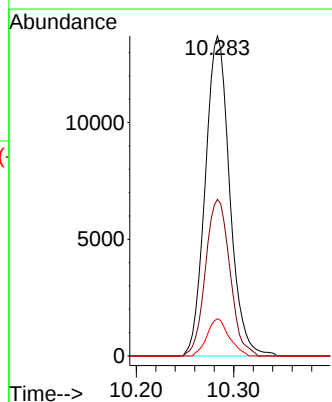
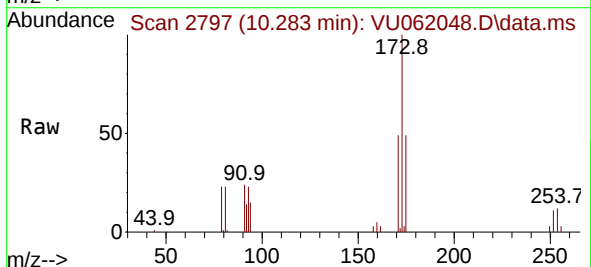
Instrument :
MSVOA_U
ClientSampleId :

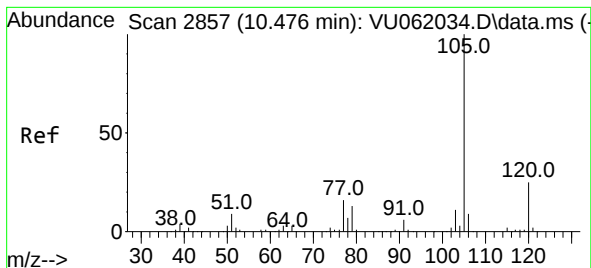
Tgt Ion: 83 Resp: 41162
Ion Ratio Lower Upper
83 100
85 66.2 44.4 82.4
131 11.1 7.3 10.9#



#59
Bromoform
Concen: 5.421 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion:173 Resp: 23872
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 10.5 7.4 11.0





#60

Isopropylbenzene

Concen: 4.850 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062048.D

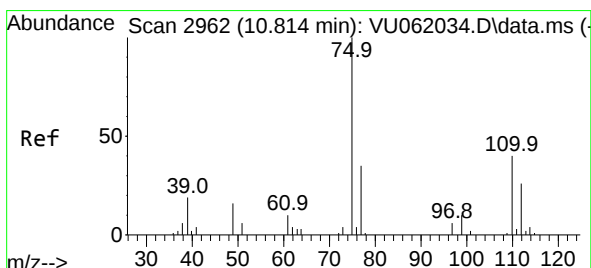
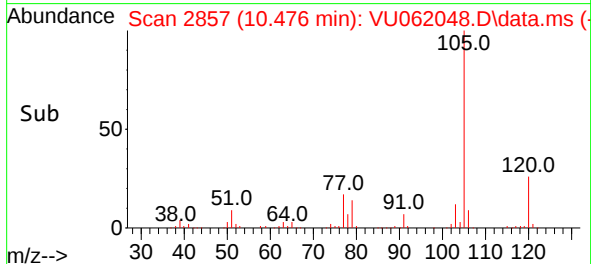
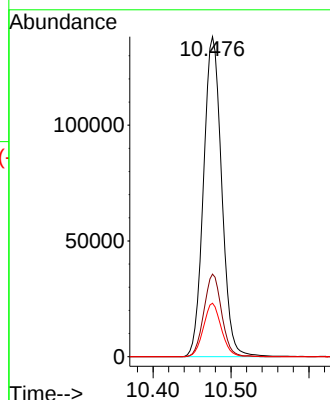
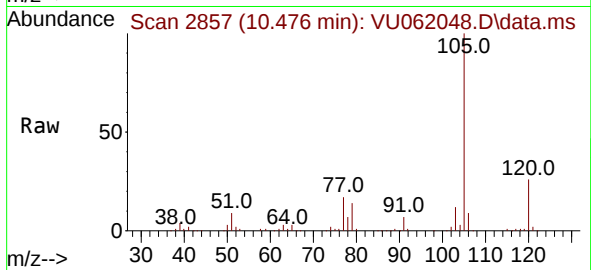
Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	224036
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.6	31.0
77	16.5	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 4.294 ug/L

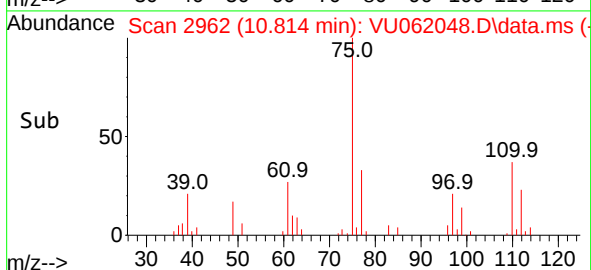
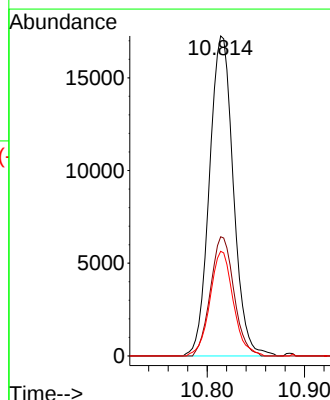
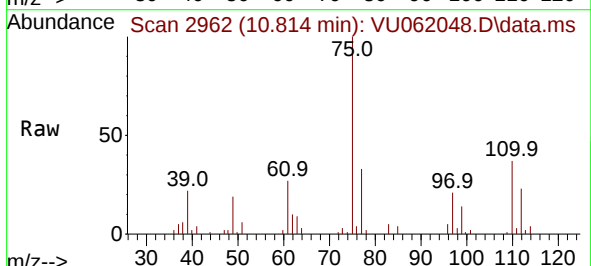
RT: 10.814 min Scan# 2962

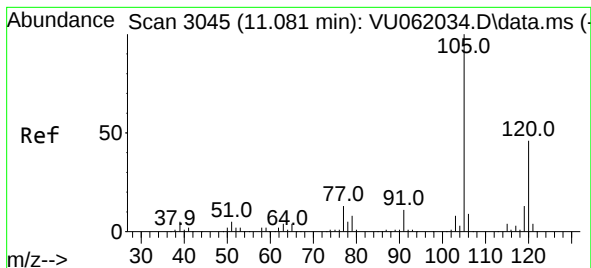
Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Tgt Ion:	75	Resp:	29410
Ion	Ratio	Lower	Upper
75	100		
110	36.7	28.9	43.3
77	32.0	26.5	39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.132 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

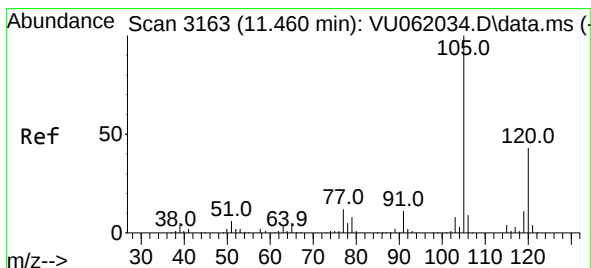
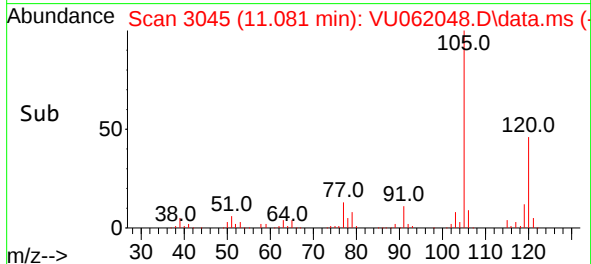
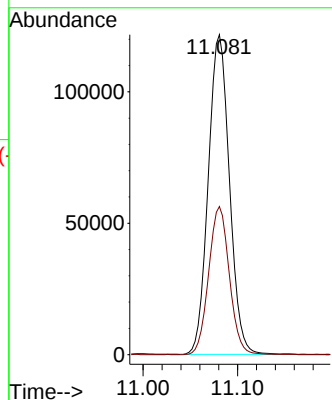
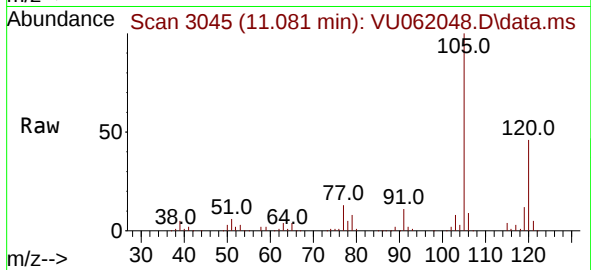
ClientSampleId :

Tgt Ion:105 Resp: 189096

Ion Ratio Lower Upper

105 100

120 45.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.053 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062048.D

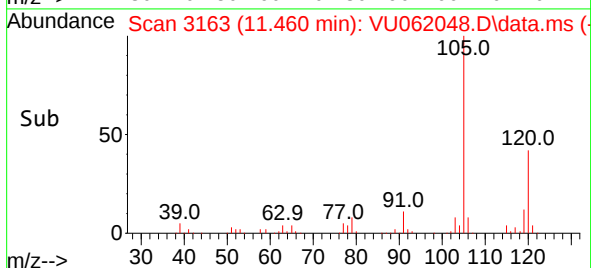
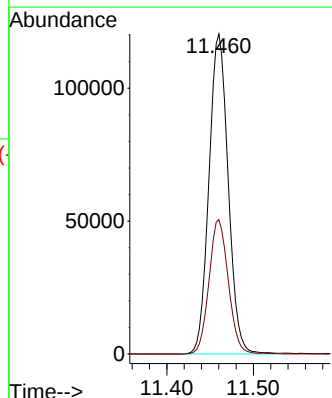
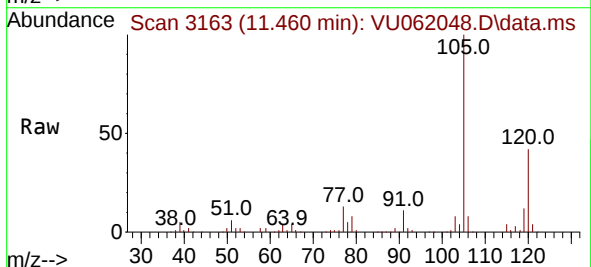
Acq: 27 Nov 2024 09:04

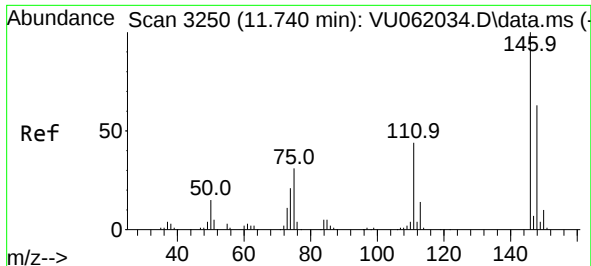
Tgt Ion:105 Resp: 185626

Ion Ratio Lower Upper

105 100

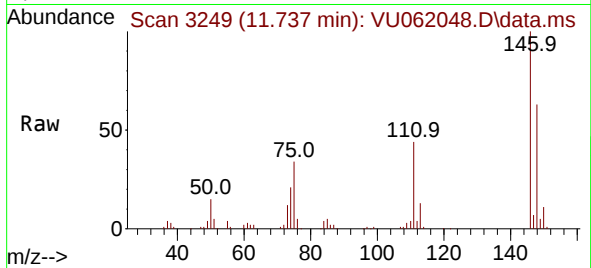
120 42.3 34.7 52.1



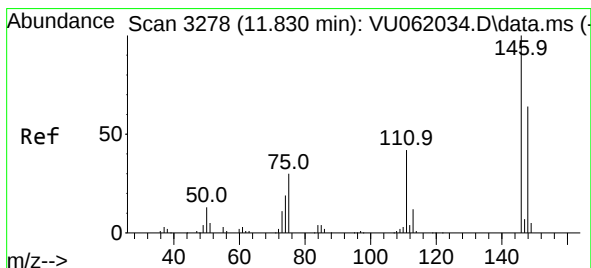
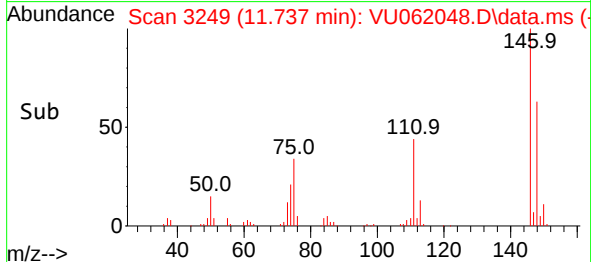
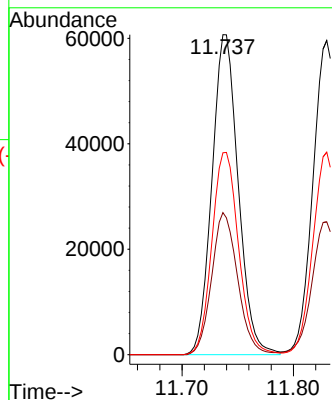


#64
1,3-Dichlorobenzene
Concen: 4.854 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

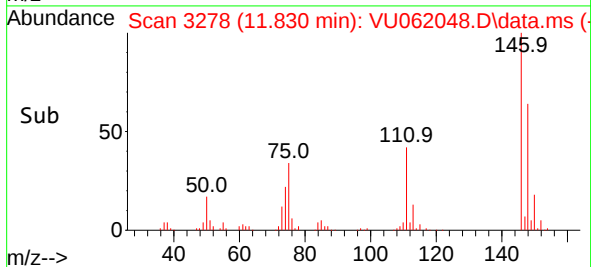
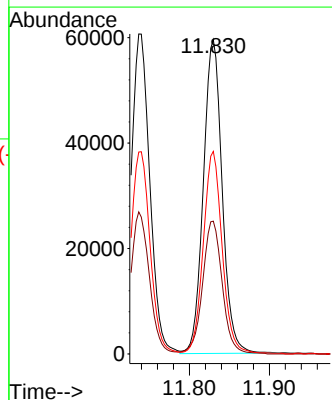
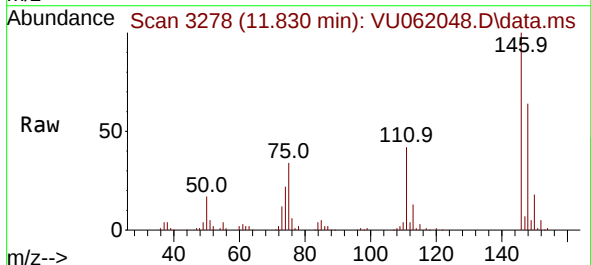


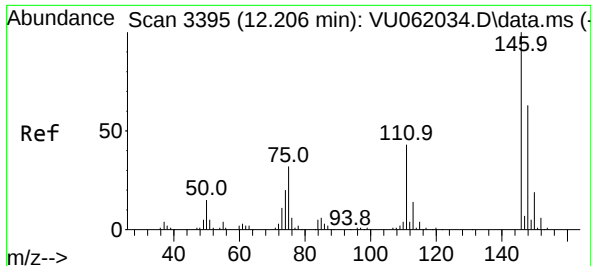
Tgt Ion:146 Resp: 99537
Ion Ratio Lower Upper
146 100
111 44.4 30.7 57.1
148 63.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion:146 Resp: 97659
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 64.5 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.100 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

Instrument :

MSVOA_U

ClientSampleId :

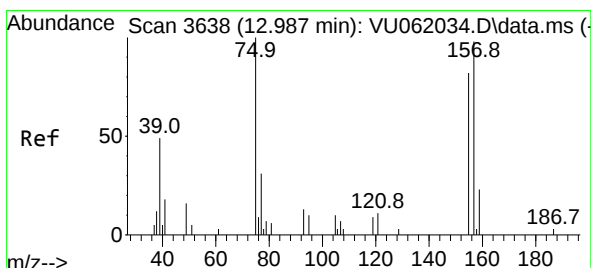
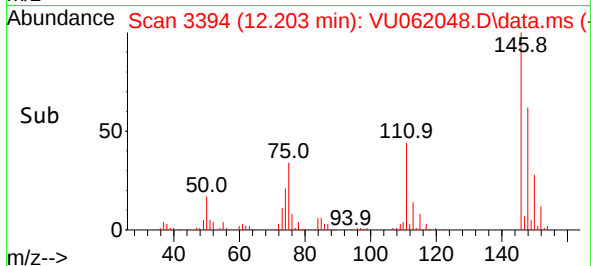
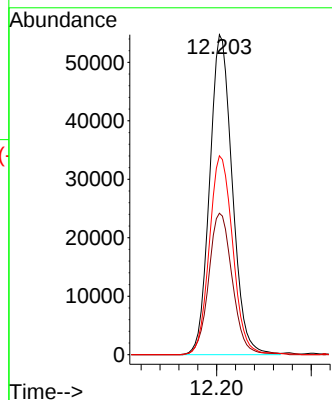
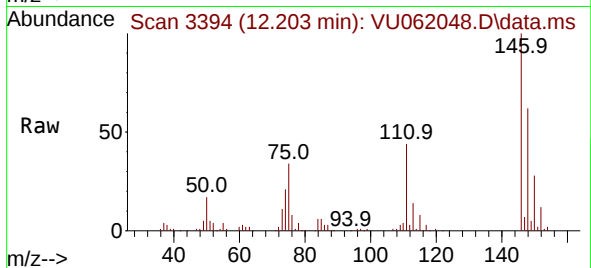
Tgt Ion:146 Resp: 90944

Ion Ratio Lower Upper

146 100

111 44.2 36.0 54.0

148 62.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.122 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062048.D

Acq: 27 Nov 2024 09:04

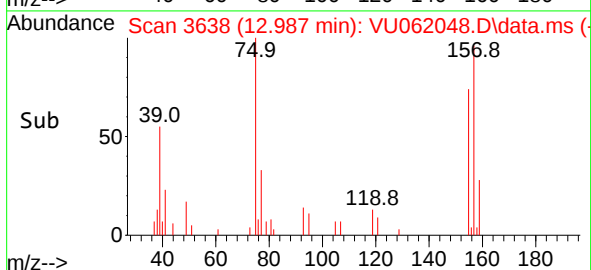
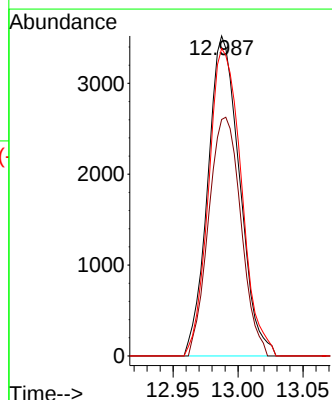
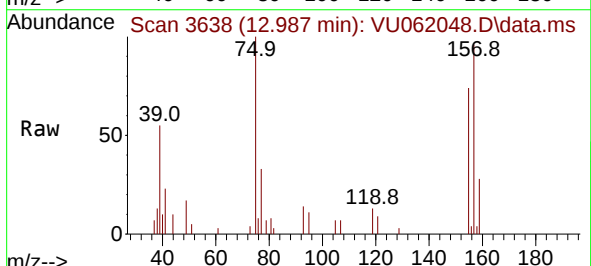
Tgt Ion: 75 Resp: 5986

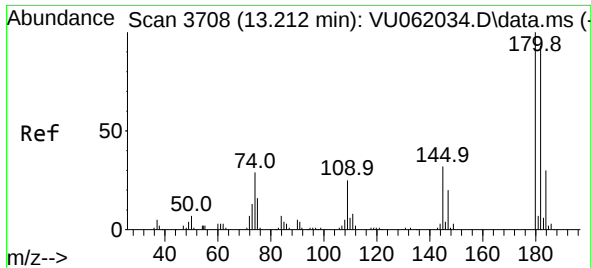
Ion Ratio Lower Upper

75 100

155 73.9 55.2 82.8

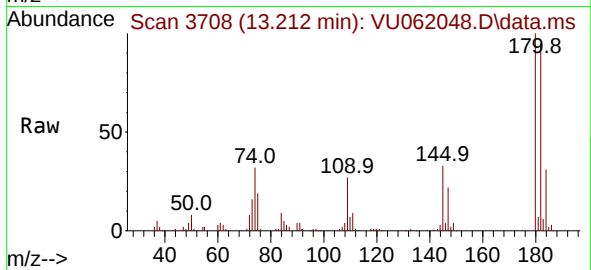
157 96.1 73.5 110.3



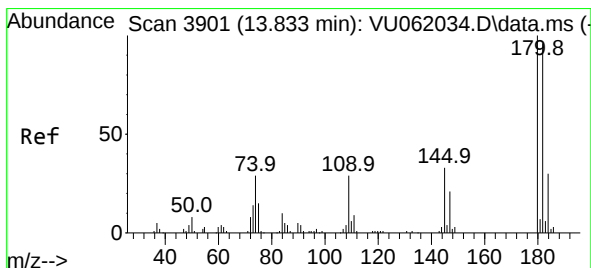
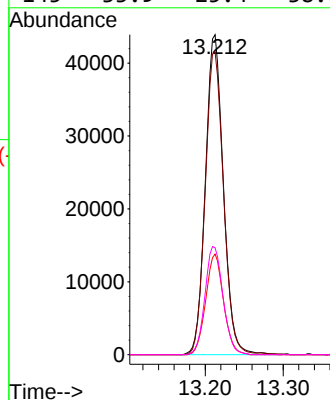
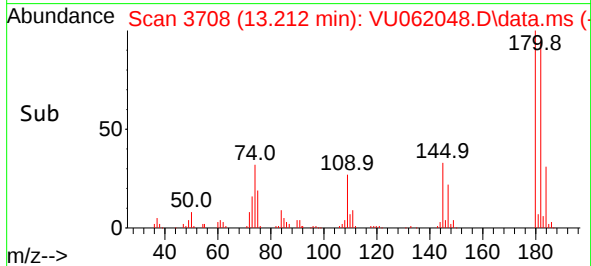


#69
 1,3,5-Trichlorobenzene
 Concen: 5.777 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU062048.D
 Acq: 27 Nov 2024 09:04

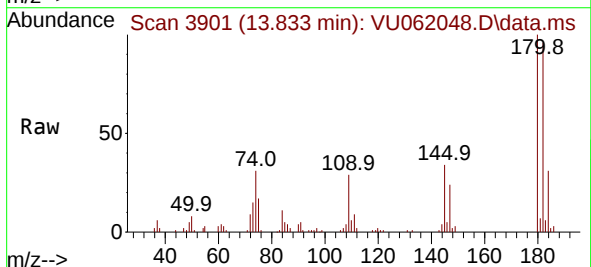
Instrument :
 MSVOA_U
 ClientSampleId :



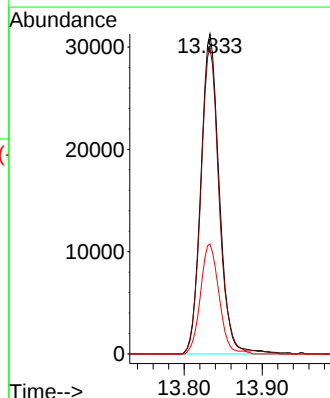
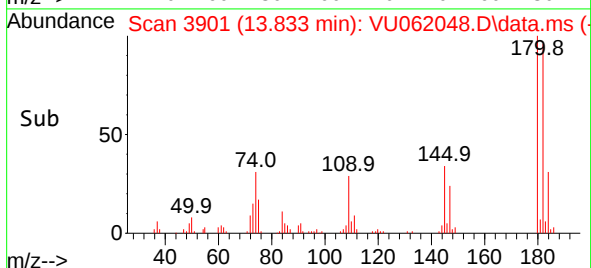
Tgt Ion:180 Resp: 70479
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.7 115.1
 184 31.0 24.8 37.2
 145 33.9 25.4 38.0

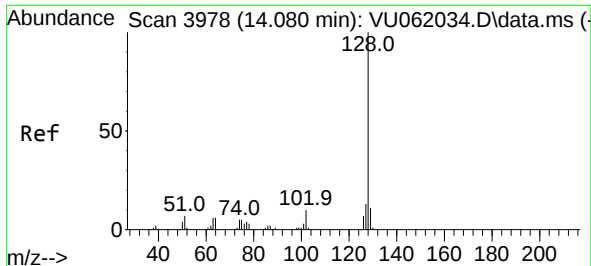


#70
 1,2,4-trichlorobenzene
 Concen: 5.464 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU062048.D
 Acq: 27 Nov 2024 09:04



Tgt Ion:180 Resp: 51089
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.5 111.7
 145 34.7 25.6 38.4

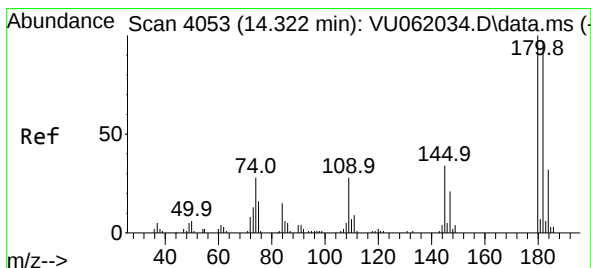
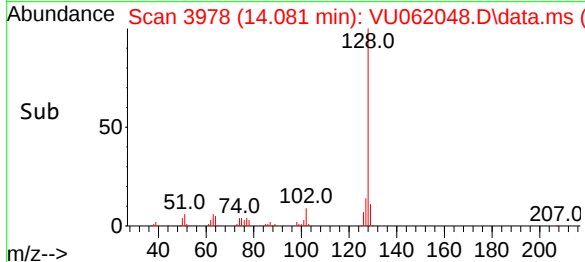
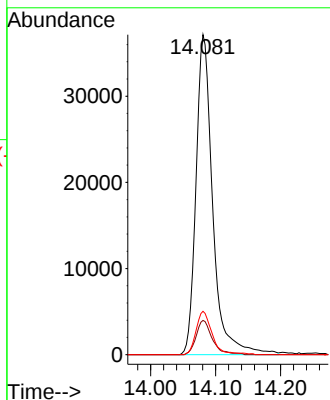
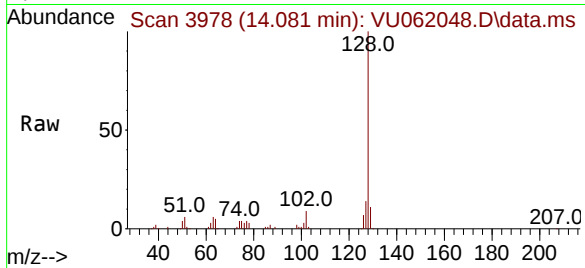




#71
Naphthalene
Concen: 4.422 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 66646
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.177 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062048.D
Acq: 27 Nov 2024 09:04

Tgt Ion:180 Resp: 41691
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
145 35.5 27.4 41.0

