

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU061009.D
 Acq On : 25 Sep 2024 17:10
 Operator : MD/SY
 Sample : P4186-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY072MSD

Quant Time: Sep 26 05:41:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49280	4.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	42376	4.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.560	65	17258	3.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.637	46	113882	58.241	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.055	84	90235	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	44836	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.718	84	164773	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	55927	4.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	151062	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.171	79	20098	4.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	90925	56.679	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46904	5.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	50845	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50050	4.896	ug/L	99
3) Chloromethane	1.515	50	61956	5.738	ug/L	97
5) Vinyl chloride	1.599	62	64567	5.525	ug/L	99
6) Bromomethane	1.853	94	34732	4.650	ug/L	99
8) Chloroethane	1.930	64	41251	5.777	ug/L	100
9) Trichlorofluoromethane	2.133	101	89533	5.578	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49723	5.330	ug/L	97
12) 1,1-Dichloroethene	2.573	96	46338	5.440	ug/L	91
13) Acetone	2.663	43	77232	59.203	ug/L	94
14) Carbon disulfide	2.785	76	114474	4.844	ug/L	99
15) Methyl Acetate	2.962	43	16839	5.294	ug/L	92
16) Methylene chloride	3.036	84	51354	5.206	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	115121	5.980	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	43835	4.966	ug/L	99
19) 1,1-Dichloroethane	3.859	63	101776	5.743	ug/L	98
21) 2-Butanone	4.718	43	123253	58.040	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	52446	5.369	ug/L	97
23) Bromochloromethane	4.965	128	23151	5.018	ug/L	# 85
25) Chloroform	5.078	83	116068	6.281	ug/L	96

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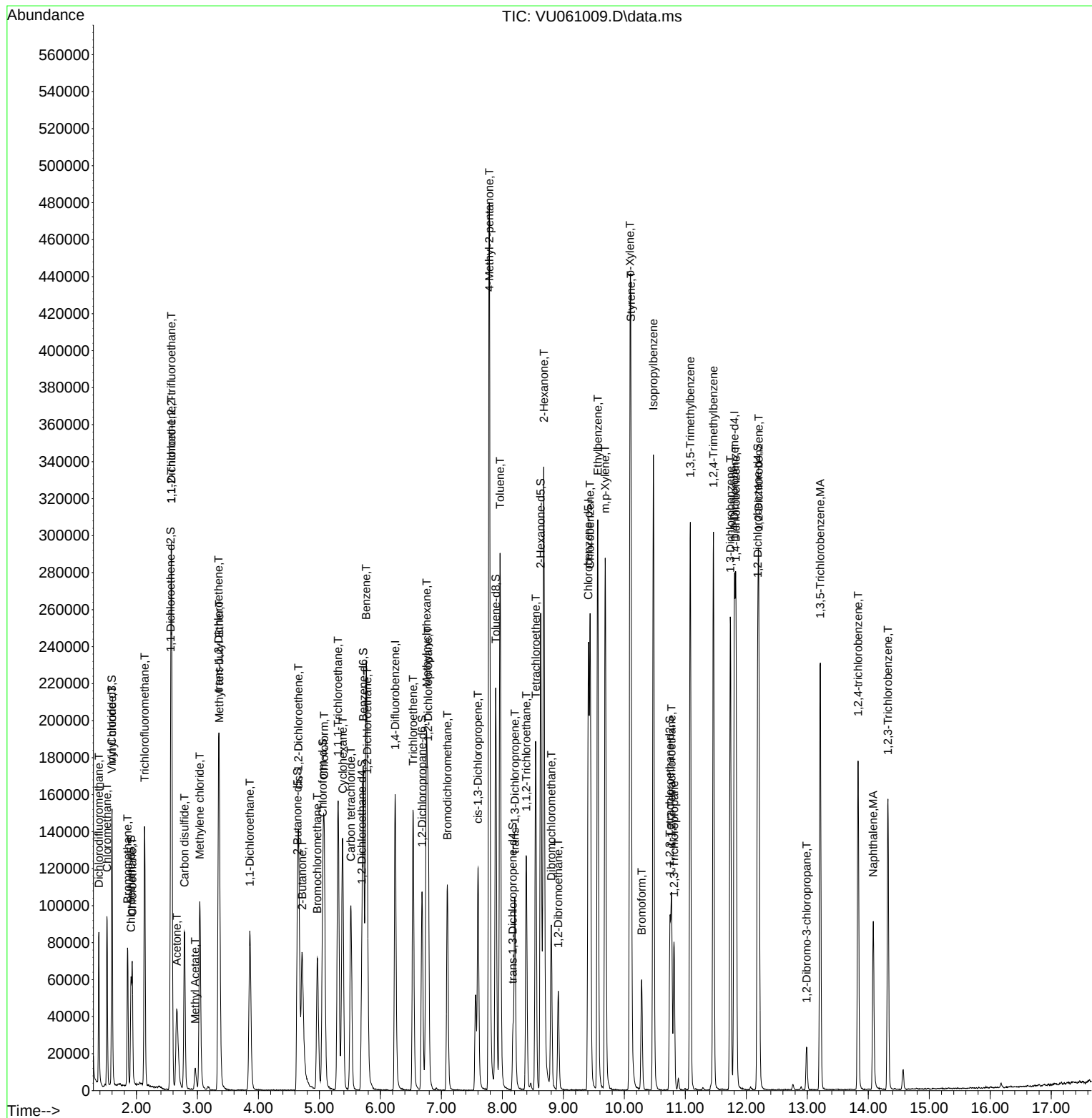
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	60687	5.667	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	116988	7.954	ug/L	98
30) Cyclohexane	5.380	56	64189	5.310	ug/L	96
31) Carbon tetrachloride	5.515	117	71804	5.514	ug/L	100
33) Benzene	5.766	78	208689	5.571	ug/L	100
34) Trichloroethene	6.534	95	54796	5.580	ug/L	97
35) Methylcyclohexane	6.756	83	67127	4.982	ug/L	97
37) 1,2-Dichloropropane	6.782	63	62259	6.031	ug/L	100
38) Bromodichloromethane	7.097	83	74584	5.890	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	77923	5.676	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	316617	65.685	ug/L	96
42) Toluene	7.962	91	222816	5.689	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	64639	5.725	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	40717	5.464	ug/L	96
47) Tetrachloroethene	8.547	164	42288	5.419	ug/L	96
48) 2-Hexanone	8.679	43	216422	61.597	ug/L	98
49) Dibromochloromethane	8.801	129	46617	5.495	ug/L	96
50) 1,2-Dibromoethane	8.914	107	36605	5.504	ug/L #	99
51) Chlorobenzene	9.438	112	139070	5.288	ug/L	95
52) Ethylbenzene	9.563	91	219674	5.328	ug/L	99
53) m,p-Xylene	9.685	106	83582	5.346	ug/L	97
54) o-Xylene	10.094	106	83266	5.397	ug/L	98
55) Styrene	10.107	104	142625	5.484	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	53423	5.748	ug/L	97
59) Bromoform	10.283	173	27078	5.229	ug/L	99
60) Isopropylbenzene	10.476	105	219559	5.392	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	35217	5.495	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	164047	5.184	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	162555	5.199	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	106131	5.184	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	106339	5.025	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	99391	5.134	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7624	6.093	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.212	180	75084	4.903	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	58739	5.445	ug/L	94
71) Naphthalene	14.081	128	77752	5.465	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	50036	5.369	ug/L	97

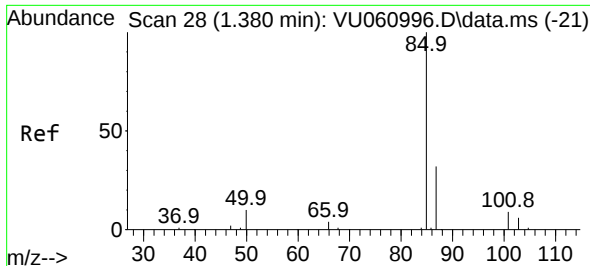
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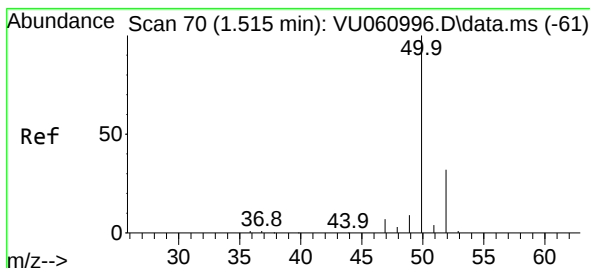
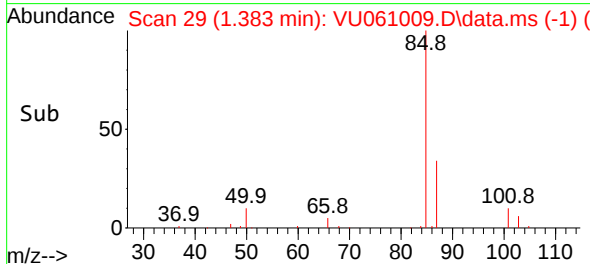
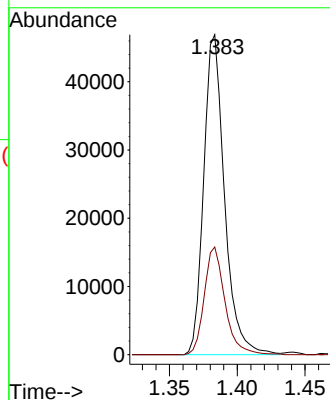
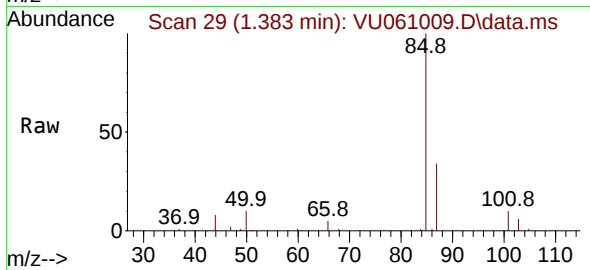




#2
 Dichlorodifluoromethane
 Concen: 4.896 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU061009.D
 Acq: 25 Sep 2024 17:10

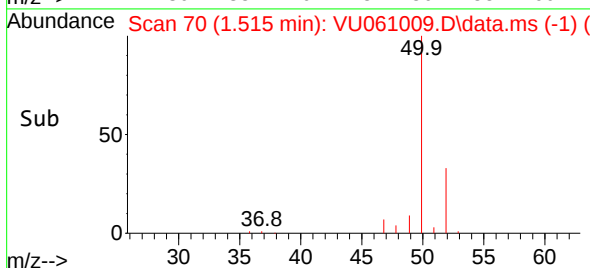
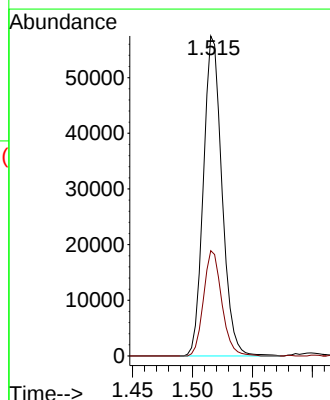
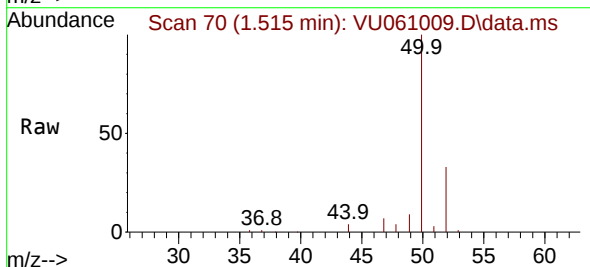
Instrument :
 MSVOA_U
 ClientSampleId :
 EY072MSD

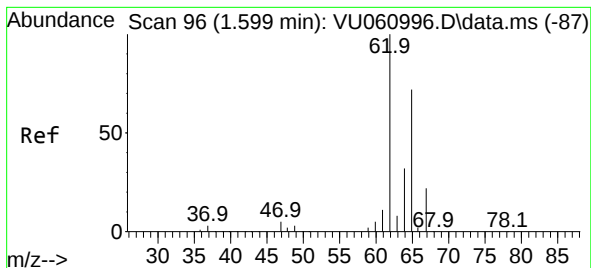
Tgt Ion: 85 Resp: 50050
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.2 39.2



#3
 Chloromethane
 Concen: 5.738 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU061009.D
 Acq: 25 Sep 2024 17:10

Tgt Ion: 50 Resp: 61956
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.4 45.4





#5

Vinyl chloride

Concen: 5.525 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

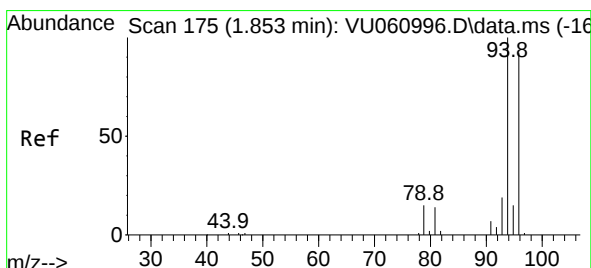
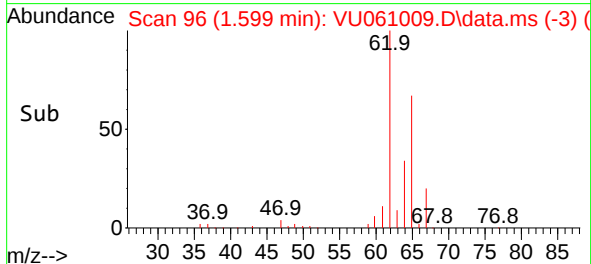
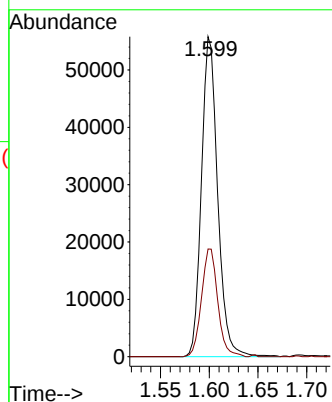
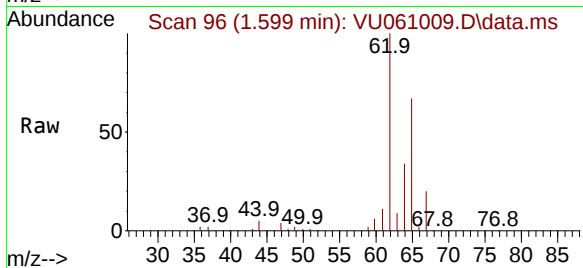
EY072MSD

Tgt Ion: 62 Resp: 64567

Ion Ratio Lower Upper

62 100

64 33.7 24.0 44.6



#6

Bromomethane

Concen: 4.650 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061009.D

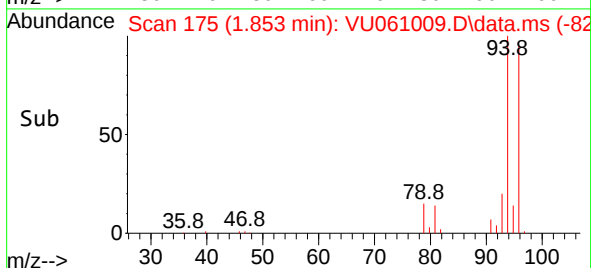
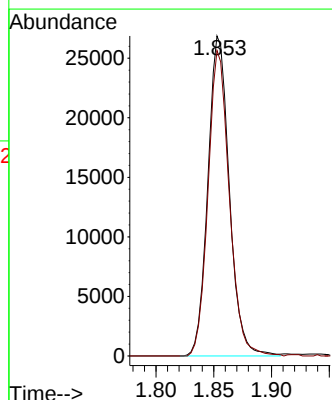
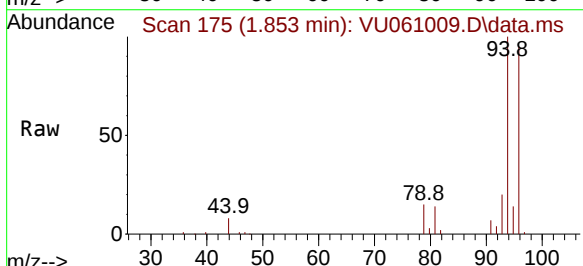
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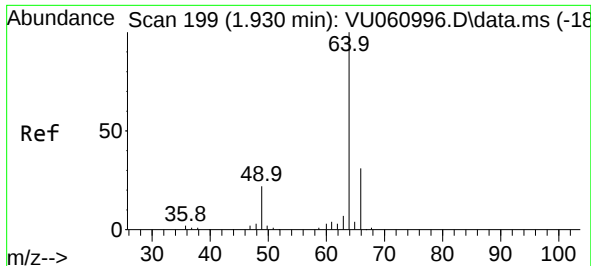
Tgt Ion: 94 Resp: 34732

Ion Ratio Lower Upper

94 100

96 95.5 67.3 124.9





#8

Chloroethane

Concen: 5.777 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

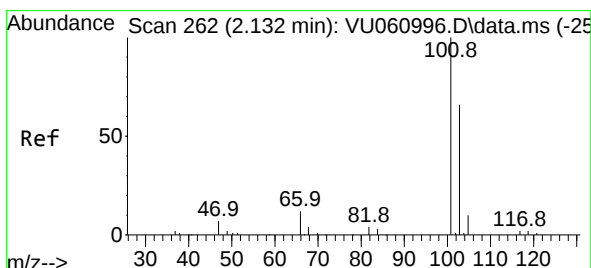
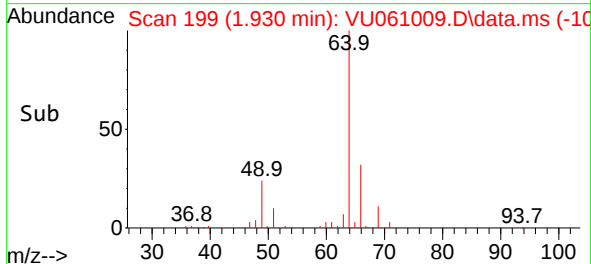
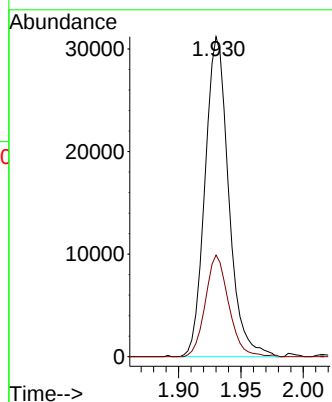
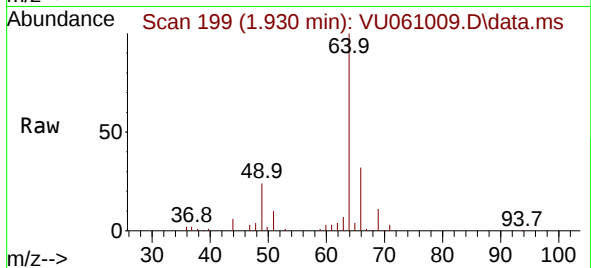
EY072MSD

Tgt Ion: 64 Resp: 41251

Ion Ratio Lower Upper

64 100

66 31.7 22.3 41.3



#9

Trichlorofluoromethane

Concen: 5.578 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061009.D

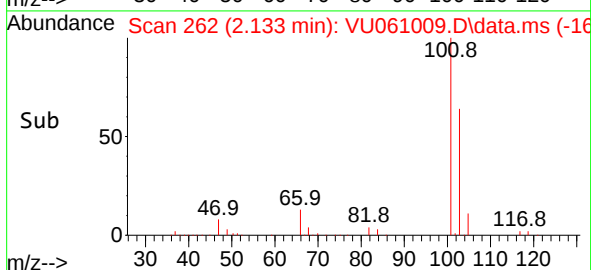
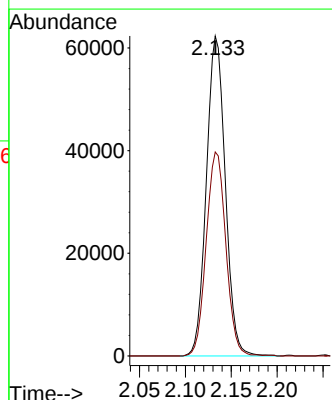
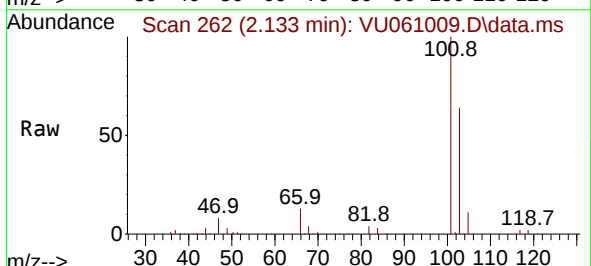
Acq: 25 Sep 2024 17:10

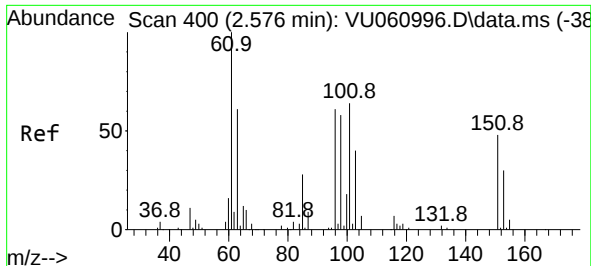
Tgt Ion:101 Resp: 89533

Ion Ratio Lower Upper

101 100

103 66.1 51.4 77.2

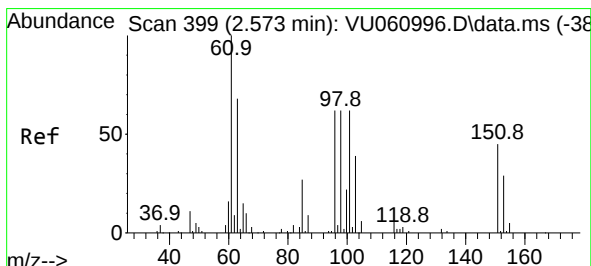
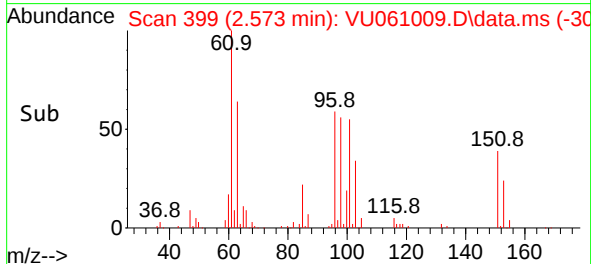
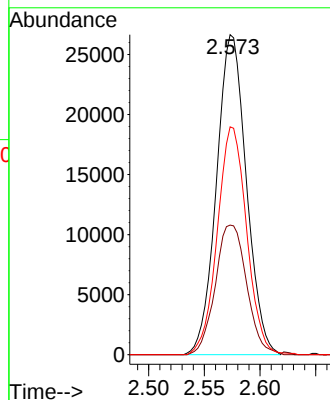
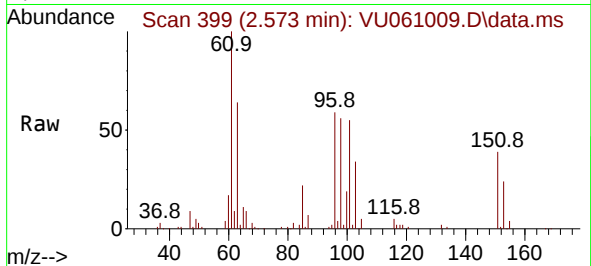




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.330 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

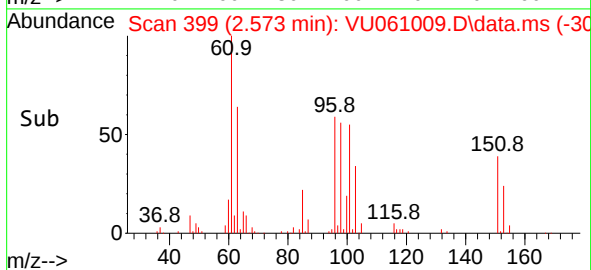
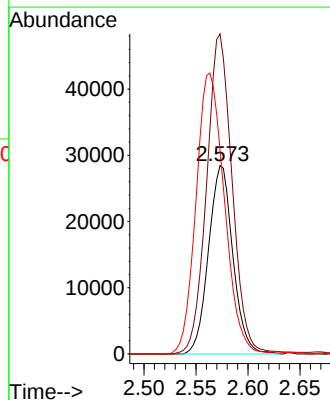
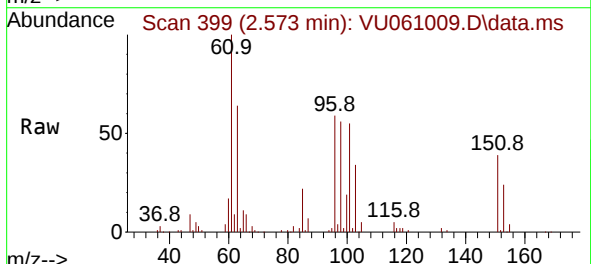
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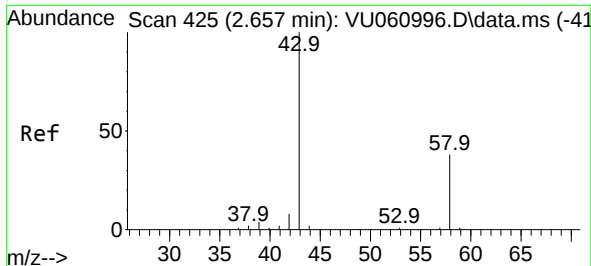
Tgt Ion:101 Resp: 49723
Ion Ratio Lower Upper
101 100
85 42.4 34.2 51.4
151 70.0 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.440 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 96 Resp: 46338
Ion Ratio Lower Upper
96 100
61 169.9 120.7 224.1
63 108.4 90.0 167.2





#13

Acetone

Concen: 59.203 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

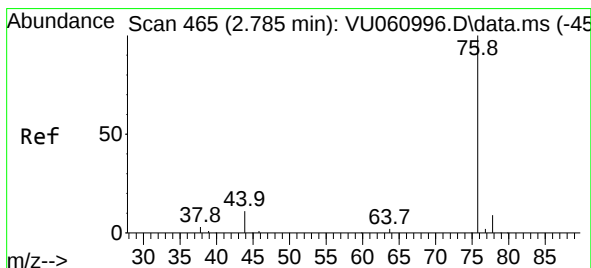
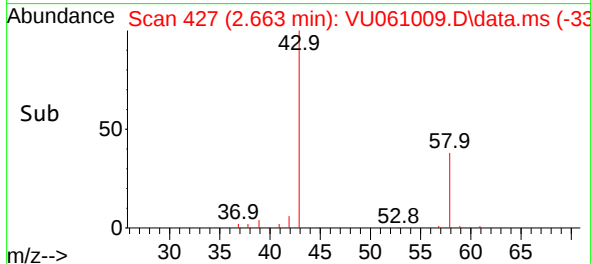
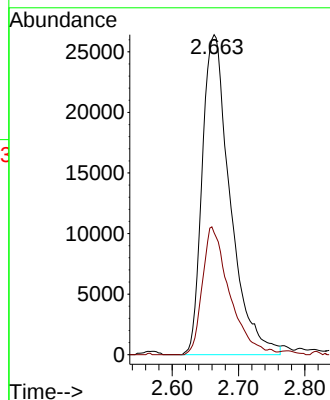
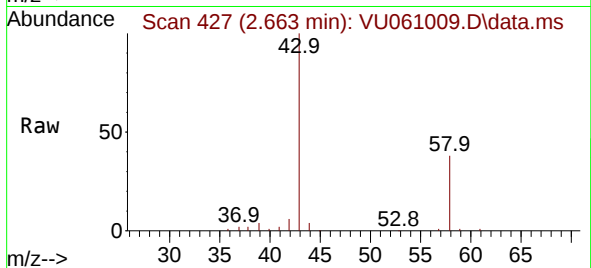
EY072MSD

Tgt Ion: 43 Resp: 77232

Ion Ratio Lower Upper

43 100

58 38.5 0.0 69.6



#14

Carbon disulfide

Concen: 4.844 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061009.D

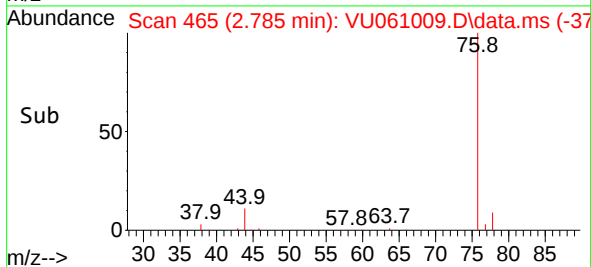
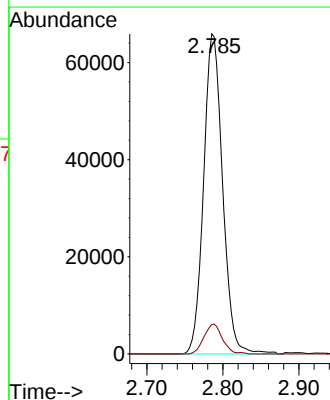
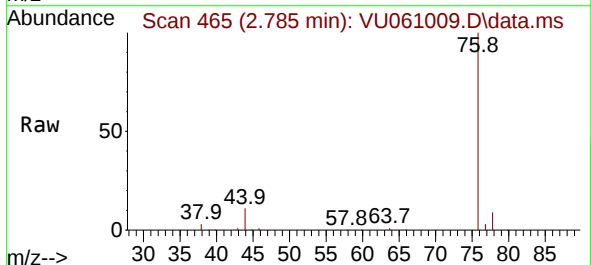
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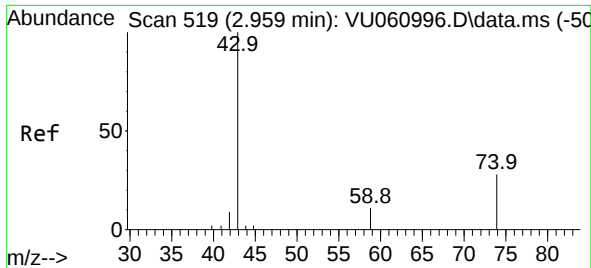
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Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

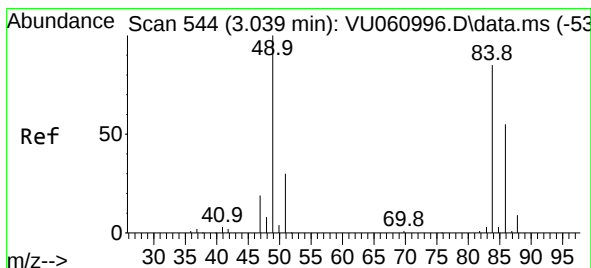
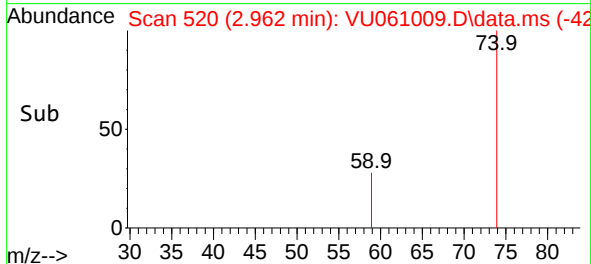
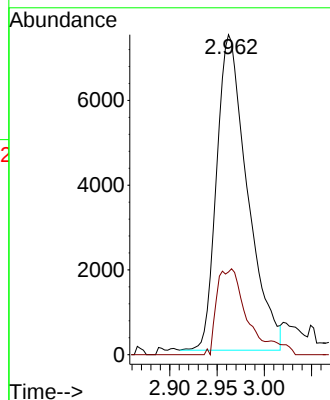
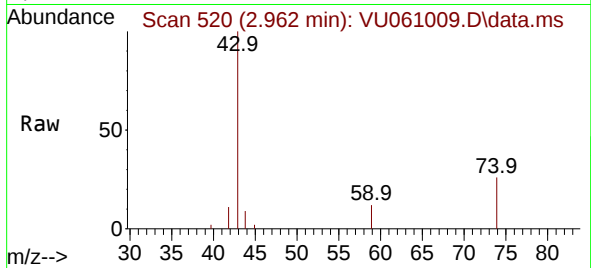




#15
Methyl Acetate
Concen: 5.294 ug/L
RT: 2.962 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

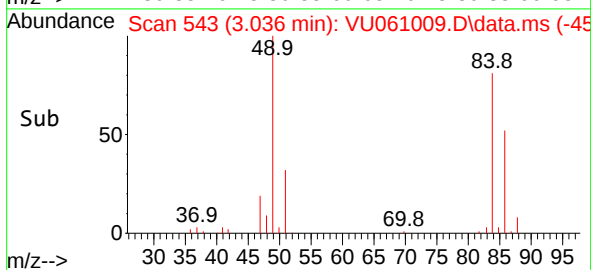
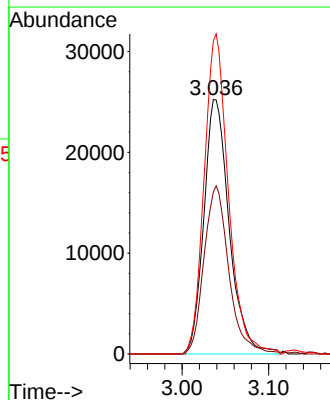
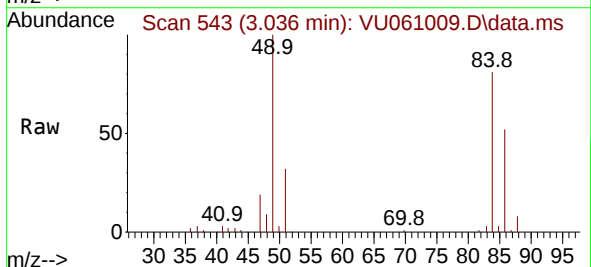
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

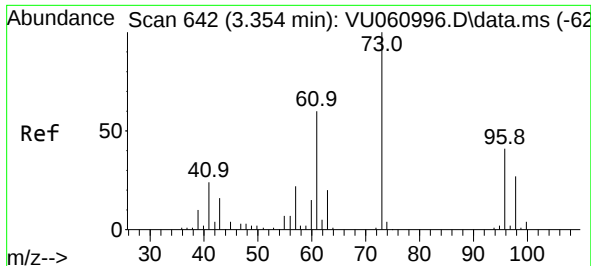
Tgt Ion: 43 Resp: 16839
Ion Ratio Lower Upper
43 100
74 27.4 18.9 28.3



#16
Methylene chloride
Concen: 5.206 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 84 Resp: 51354
Ion Ratio Lower Upper
84 100
86 63.6 47.3 87.8
49 123.0 78.7 146.1

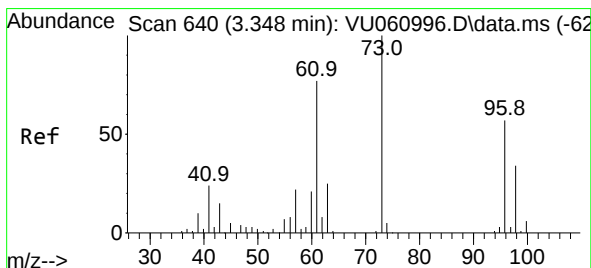
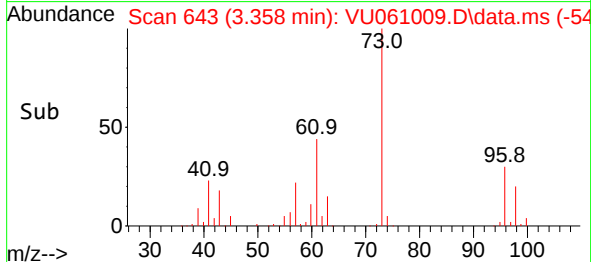
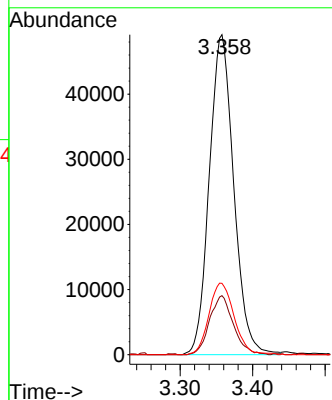
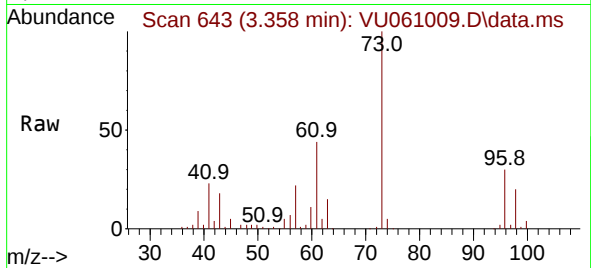




#17
Methyl tert-butyl Ether
Concen: 5.980 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

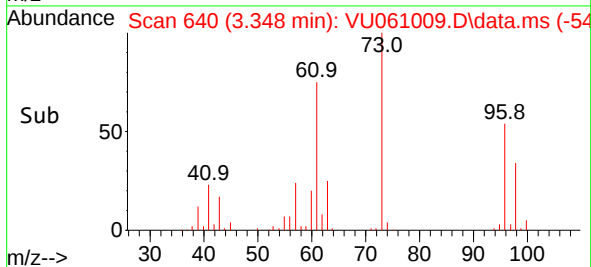
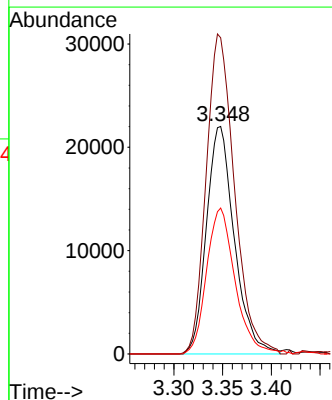
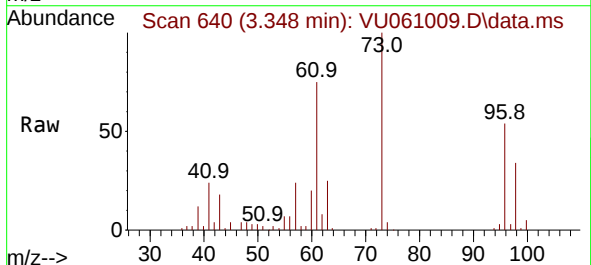
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

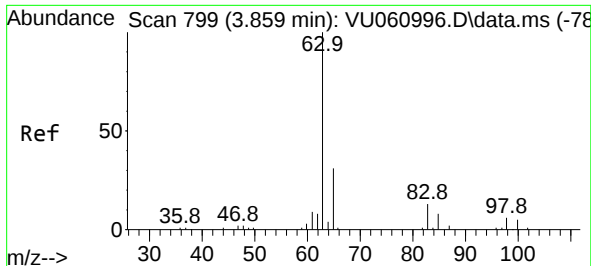
Tgt Ion: 73 Resp: 115121
Ion Ratio Lower Upper
73 100
43 17.9 13.8 20.8
57 23.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.966 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 96 Resp: 43835
Ion Ratio Lower Upper
96 100
61 138.9 97.2 180.6
98 64.1 43.3 80.5





#19

1,1-Dichloroethane

Concen: 5.743 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

EY072MSD

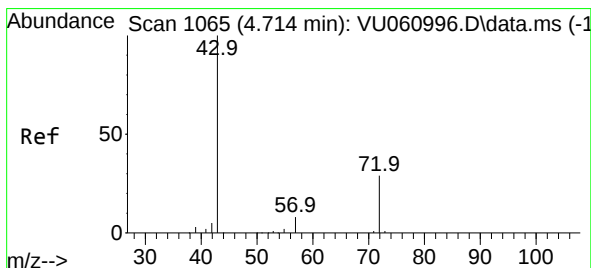
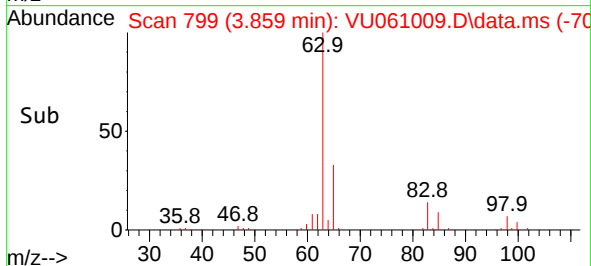
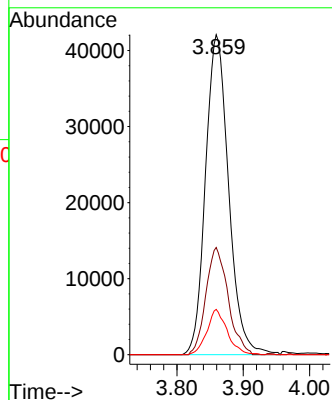
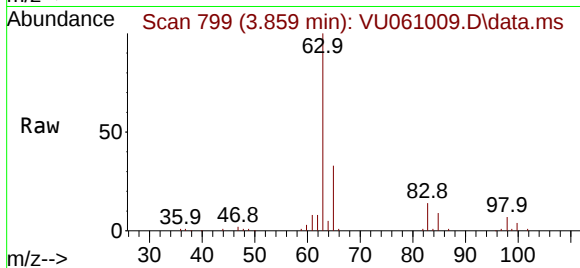
Tgt Ion: 63 Resp: 101776

Ion Ratio Lower Upper

63 100

65 33.5 23.0 42.8

83 14.2 9.0 16.6



#21

2-Butanone

Concen: 58.040 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.003 min

Lab File: VU061009.D

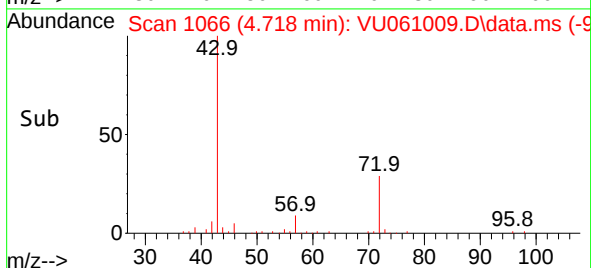
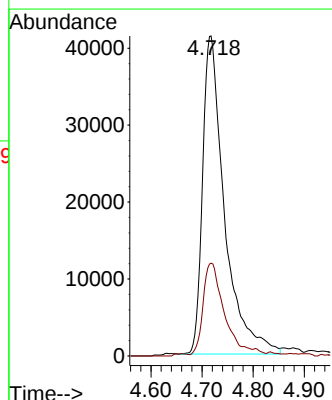
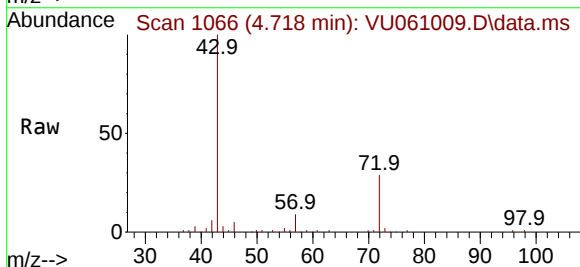
Acq: 25 Sep 2024 17:10

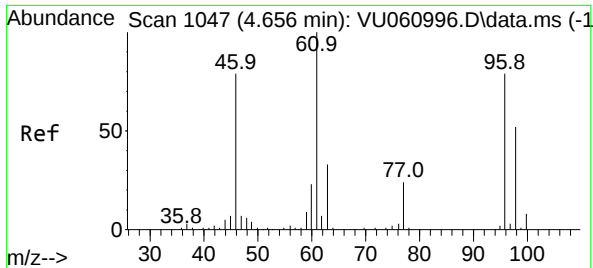
Tgt Ion: 43 Resp: 123253

Ion Ratio Lower Upper

43 100

72 27.1 14.8 44.3

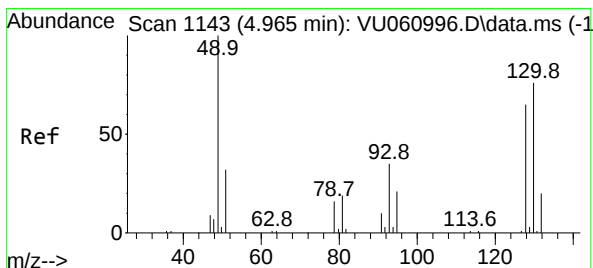
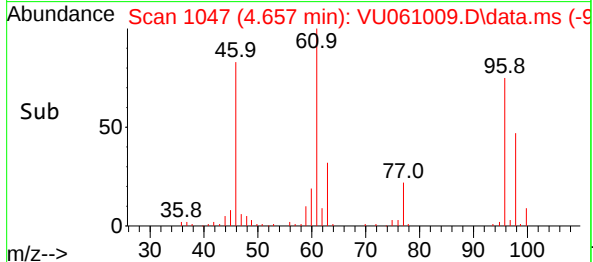
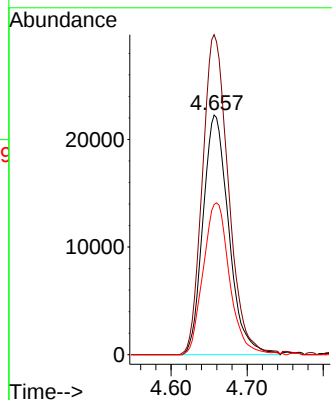
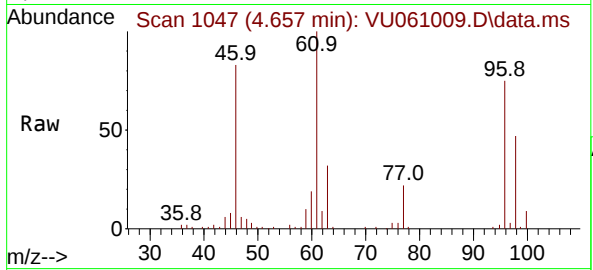




#22
 cis-1,2-Dichloroethene
 Concen: 5.369 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061009.D
 Acq: 25 Sep 2024 17:10

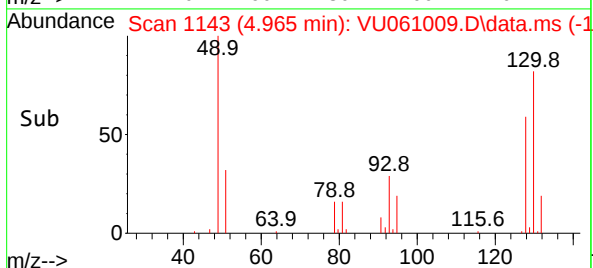
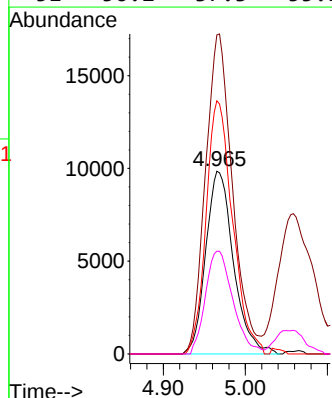
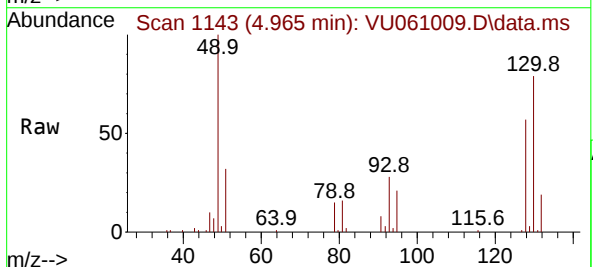
Instrument :
 MSVOA_U
 ClientSampleId :
 EY072MSD

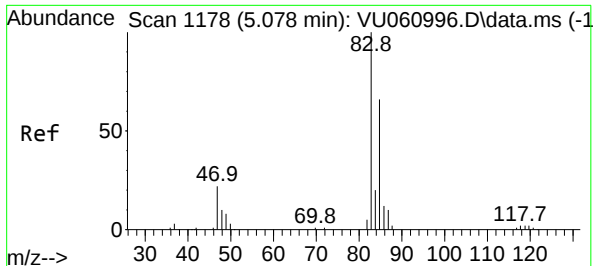
Tgt Ion:	96	Resp:	52446
Ion	Ratio	Lower	Upper
96	100		
61	133.5	89.7	166.5
98	64.5	45.1	83.9



#23
 Bromochloromethane
 Concen: 5.018 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061009.D
 Acq: 25 Sep 2024 17:10

Tgt Ion:	128	Resp:	23151
Ion	Ratio	Lower	Upper
128	100		
49	179.1	109.6	203.6
130	138.5	87.8	163.0
51	56.2	37.3	55.9





#25

Chloroform

Concen: 6.281 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

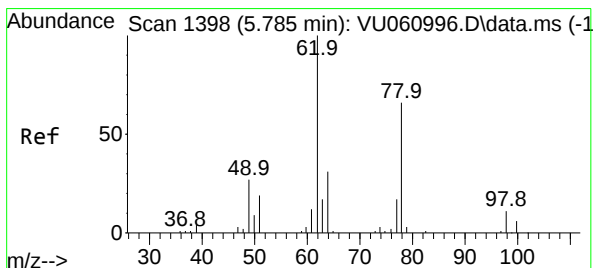
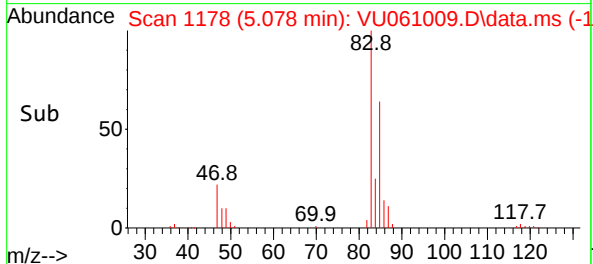
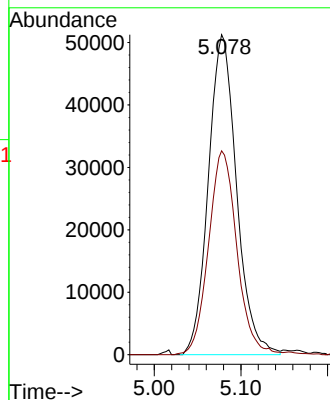
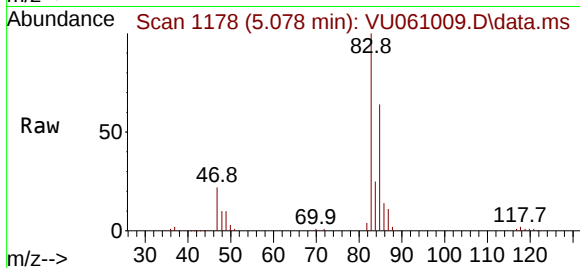
EY072MSD

Tgt Ion: 83 Resp: 116068

Ion Ratio Lower Upper

83 100

85 63.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.667 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061009.D

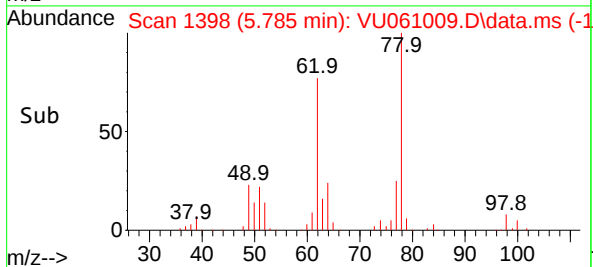
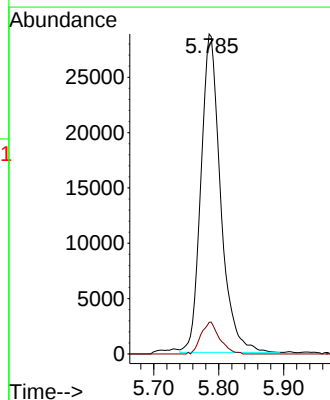
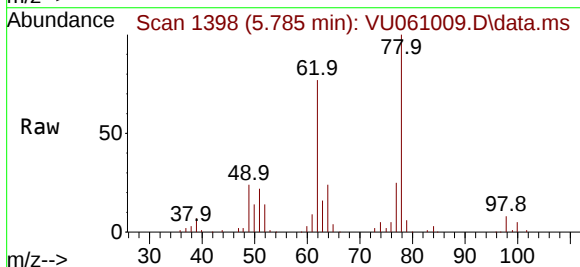
Acq: 25 Sep 2024 17:10

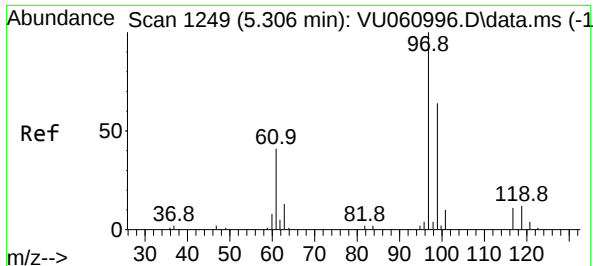
Tgt Ion: 62 Resp: 60687

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4

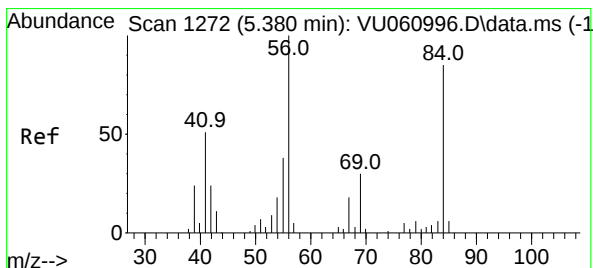
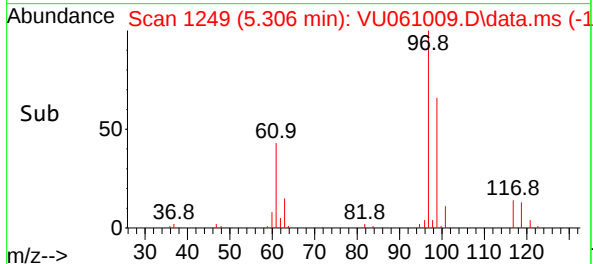
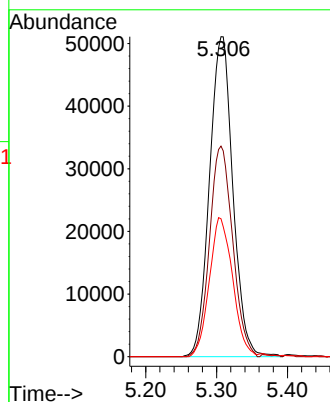
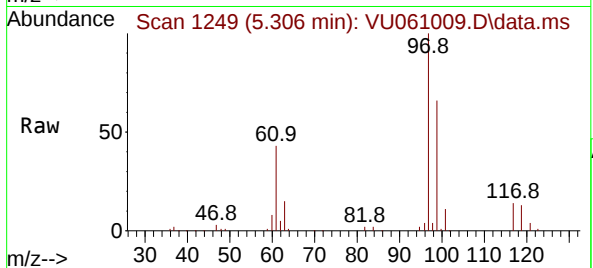




#29
1,1,1-Trichloroethane
Concen: 7.954 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

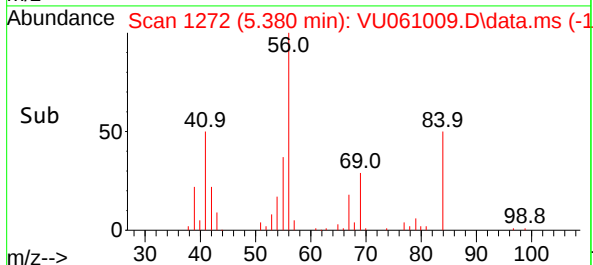
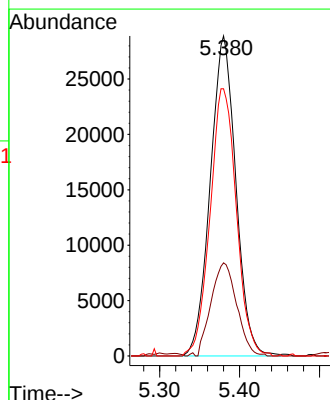
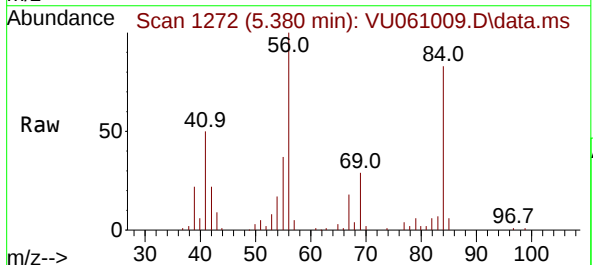
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

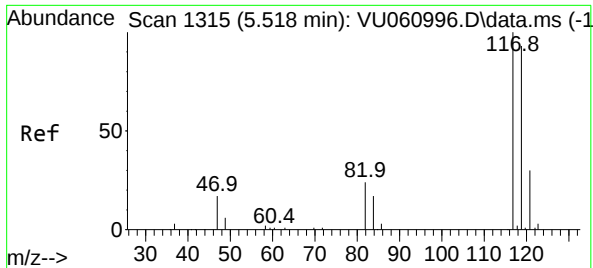
Tgt Ion: 97 Resp: 116988
Ion Ratio Lower Upper
97 100
99 65.3 50.5 75.7
61 43.2 34.4 51.6



#30
Cyclohexane
Concen: 5.310 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 56 Resp: 64189
Ion Ratio Lower Upper
56 100
69 29.2 25.4 38.0
84 85.7 71.0 106.6

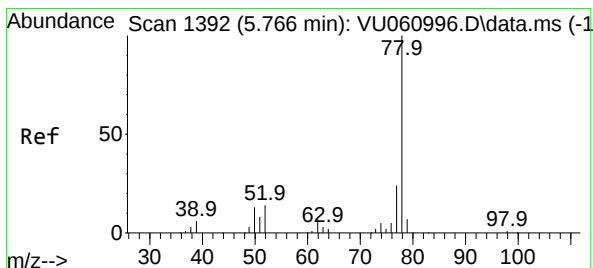
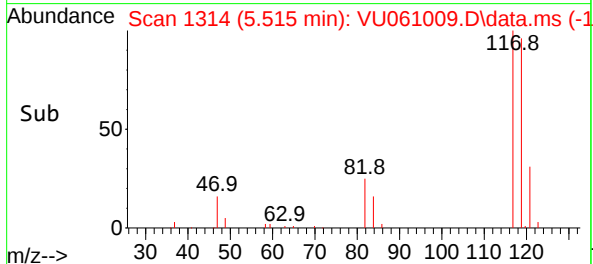
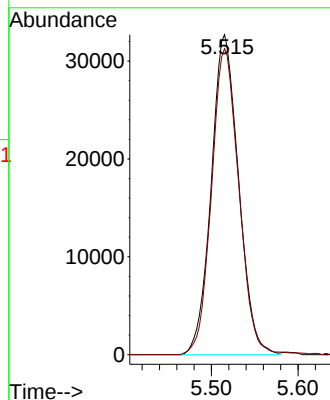
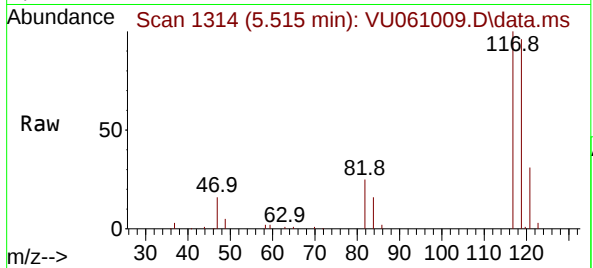




#31
Carbon tetrachloride
Concen: 5.514 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

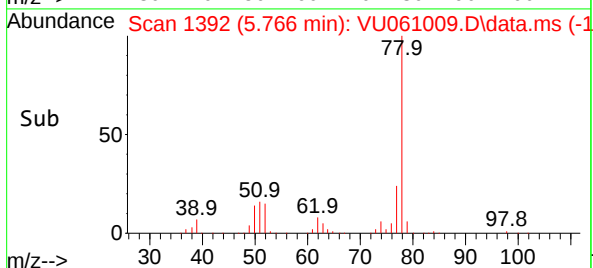
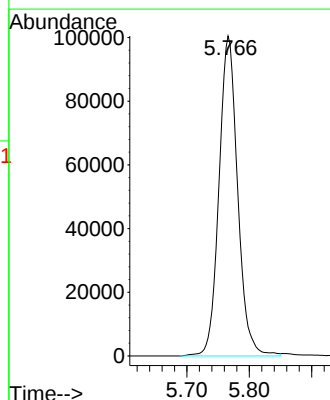
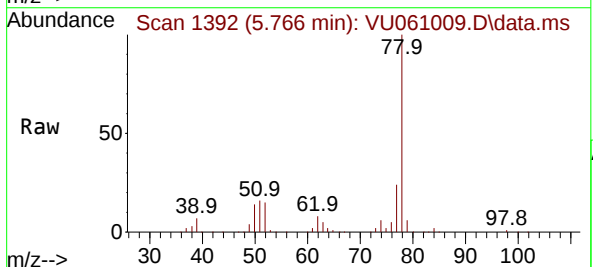
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

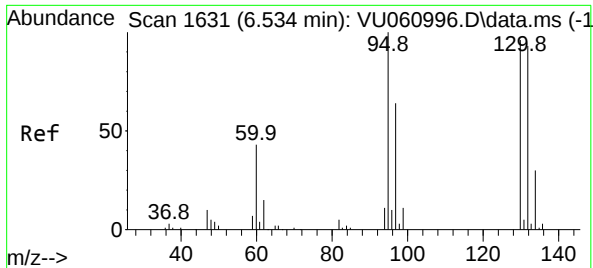
Tgt Ion:117 Resp: 71804
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 5.571 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 78 Resp: 208689

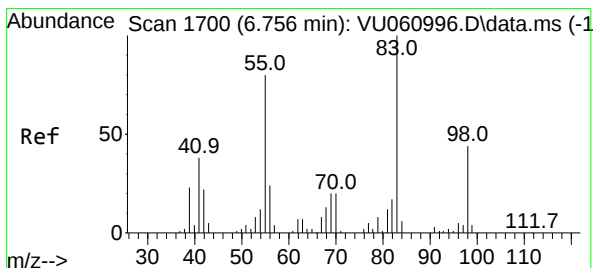
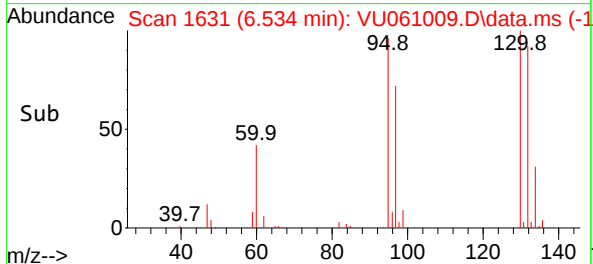
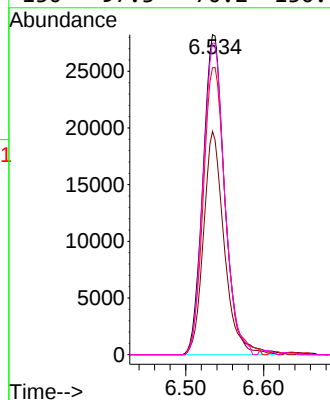
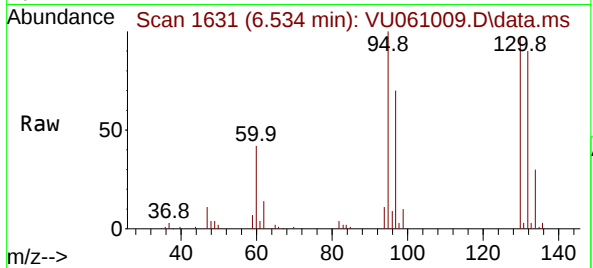




#34
Trichloroethene
Concen: 5.580 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

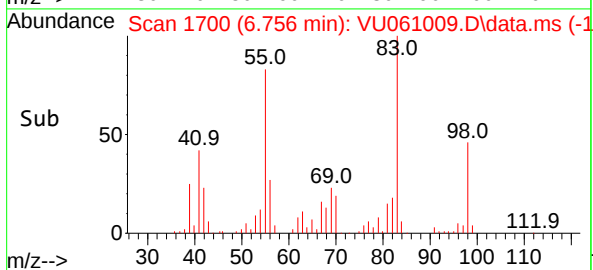
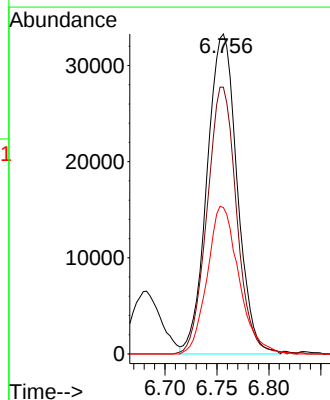
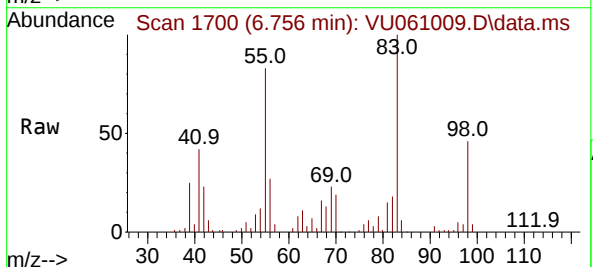
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

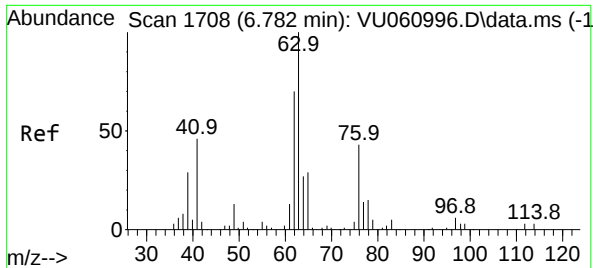
Tgt Ion: 95 Resp: 54796
Ion Ratio Lower Upper
95 100
97 69.8 44.9 83.5
132 89.6 63.5 117.9
130 97.3 70.2 130.4



#35
Methylcyclohexane
Concen: 4.982 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 83 Resp: 67127
Ion Ratio Lower Upper
83 100
55 81.7 62.6 94.0
98 48.3 37.6 56.4

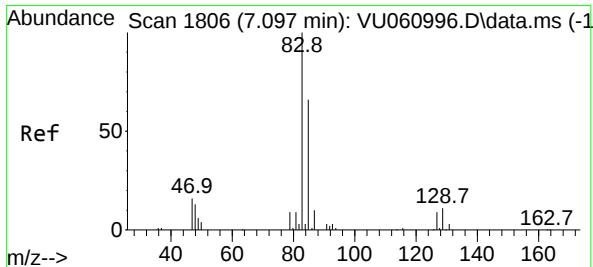
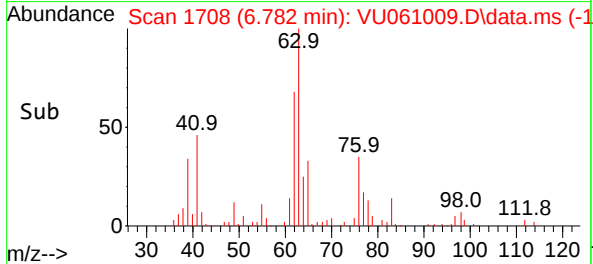
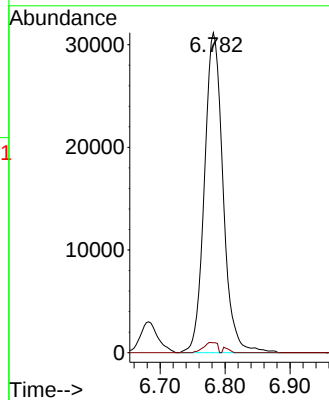
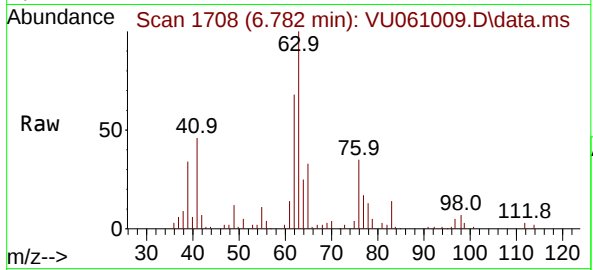




#37
1,2-Dichloropropane
Concen: 6.031 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

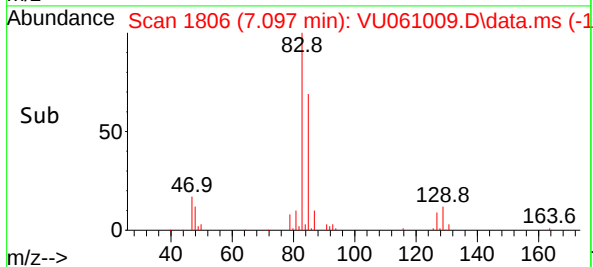
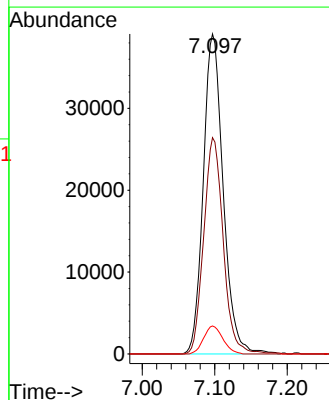
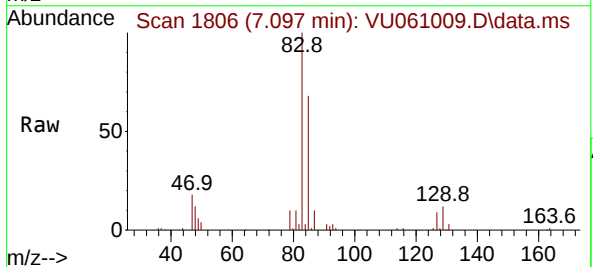
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

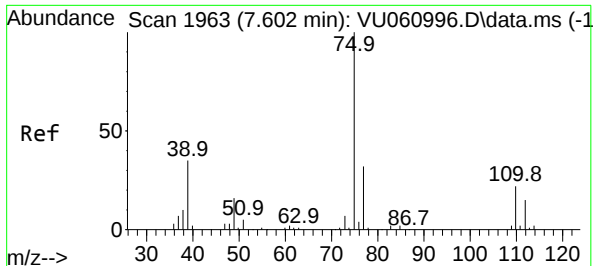
Tgt Ion: 63 Resp: 62259
Ion Ratio Lower Upper
63 100
112 2.3 2.0 3.0



#38
Bromodichloromethane
Concen: 5.890 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion: 83 Resp: 74584
Ion Ratio Lower Upper
83 100
85 67.6 45.6 84.8
127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.676 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

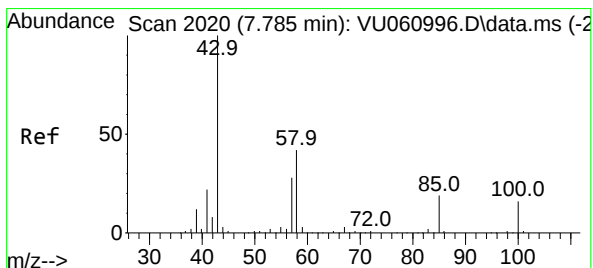
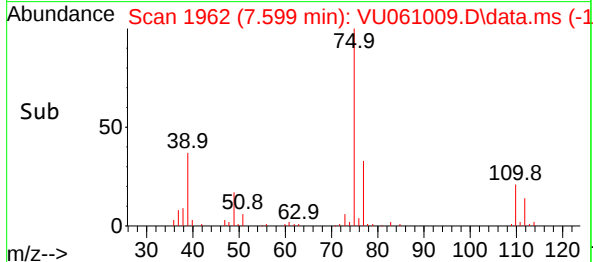
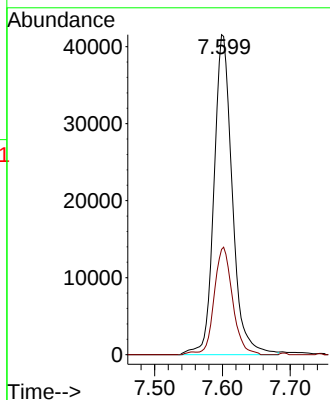
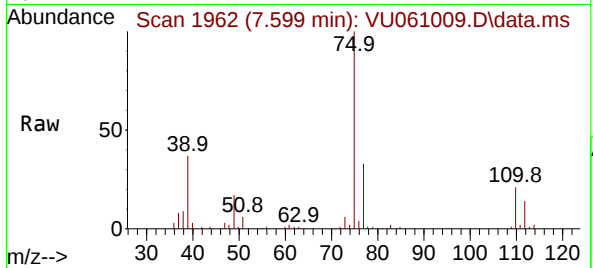
EY072MSD

Tgt Ion: 75 Resp: 77923

Ion Ratio Lower Upper

75 100

77 32.9 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 65.685 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

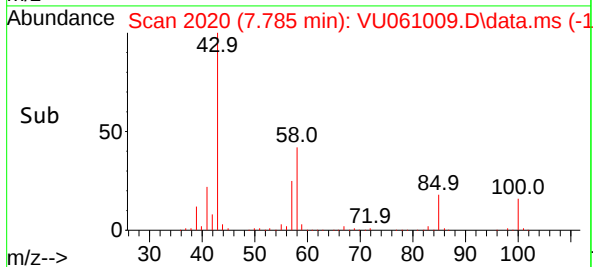
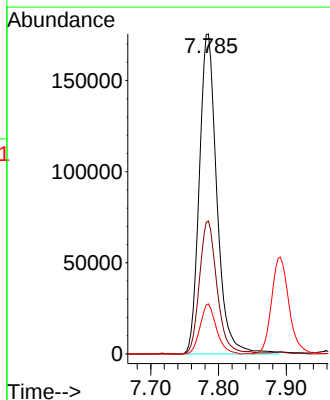
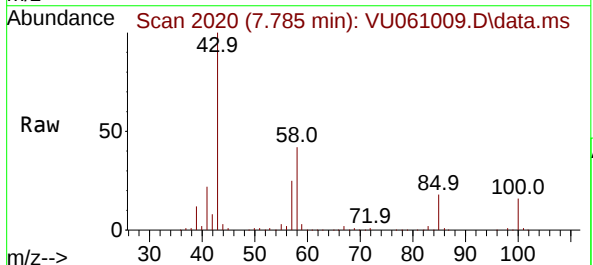
Tgt Ion: 43 Resp: 316617

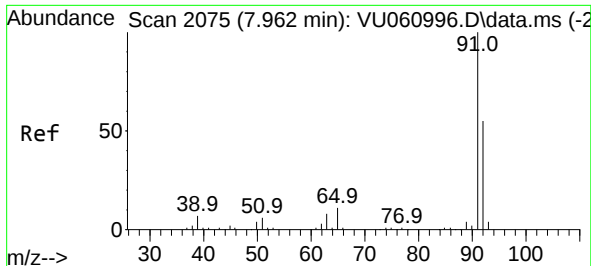
Ion Ratio Lower Upper

43 100

58 41.7 34.9 52.3

100 14.5 13.4 20.0





#42

Toluene

Concen: 5.689 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

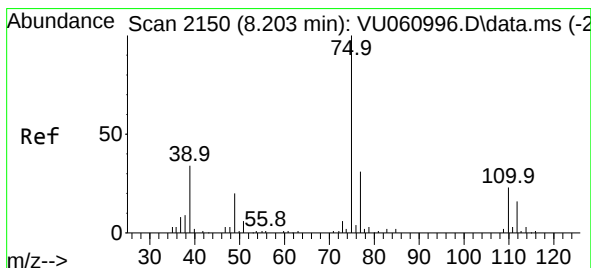
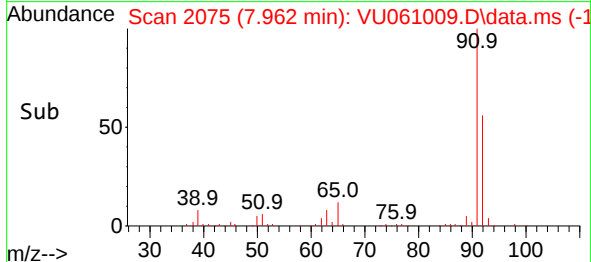
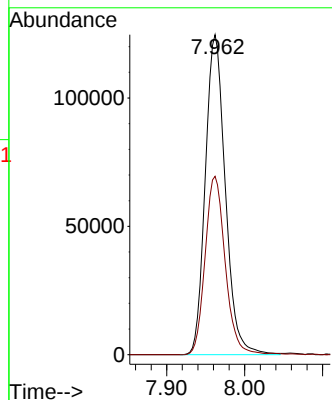
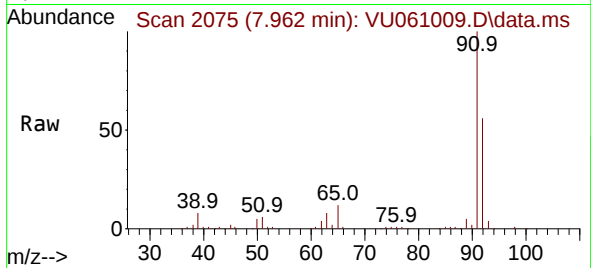
EY072MSD

Tgt Ion: 91 Resp: 222816

Ion Ratio Lower Upper

91 100

92 55.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.725 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061009.D

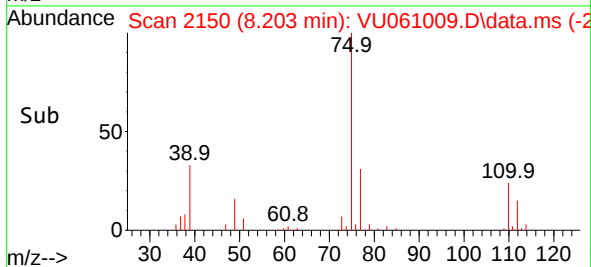
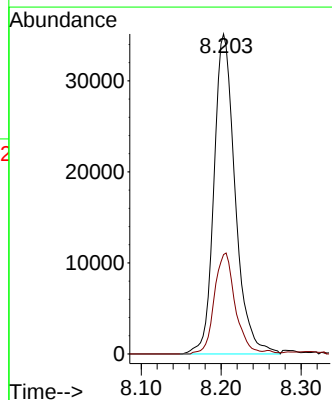
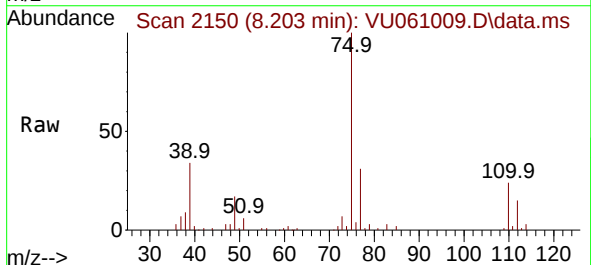
Acq: 25 Sep 2024 17:10

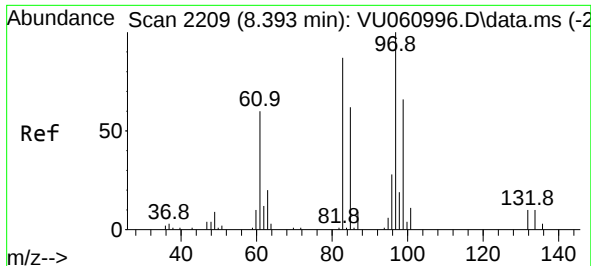
Tgt Ion: 75 Resp: 64639

Ion Ratio Lower Upper

75 100

77 31.1 23.1 42.9

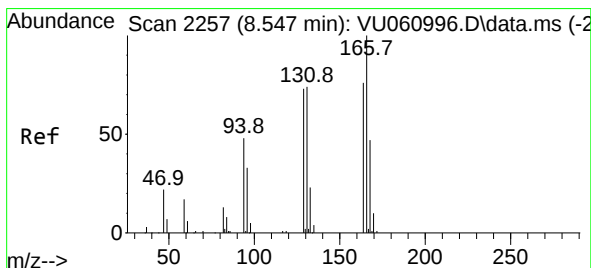
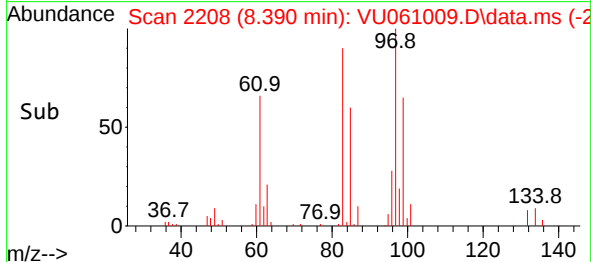
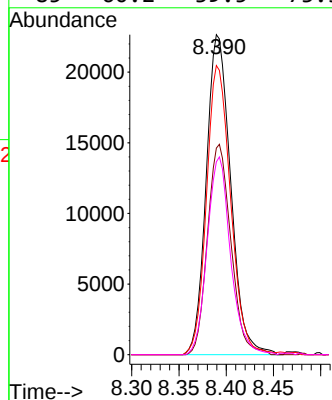
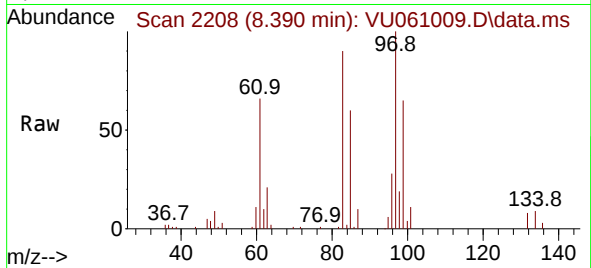




#45
1,1,2-Trichloroethane
Concen: 5.464 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

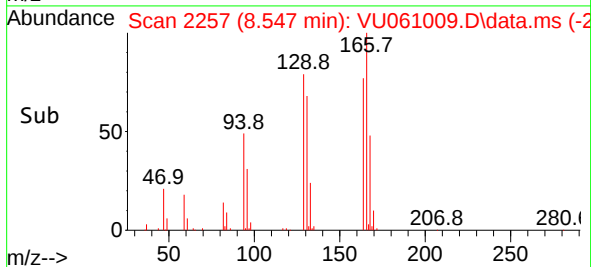
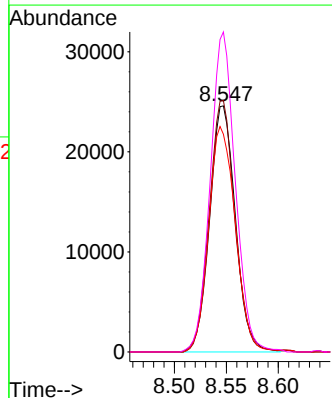
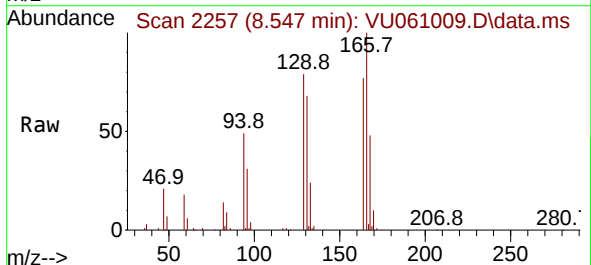
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

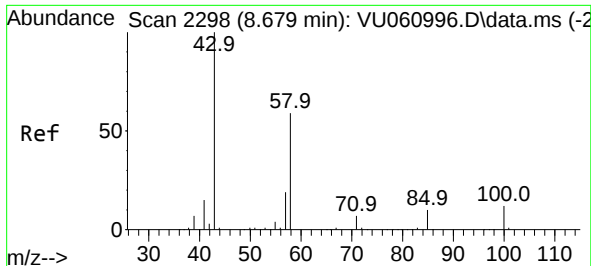
Tgt Ion:	97	Resp:	40717
Ion	Ratio	Lower	Upper
97	100		
99	64.5	42.3	78.5
83	90.4	61.7	114.5
85	60.2	39.5	73.3



#47
Tetrachloroethene
Concen: 5.419 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion:	164	Resp:	42288
Ion	Ratio	Lower	Upper
164	100		
129	102.2	67.3	124.9
131	88.5	65.4	121.4
166	130.1	89.5	166.1

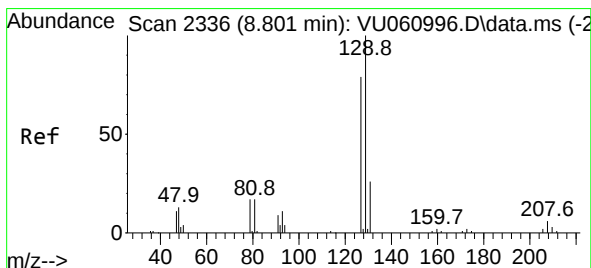
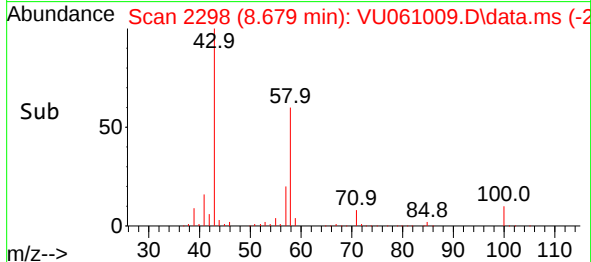
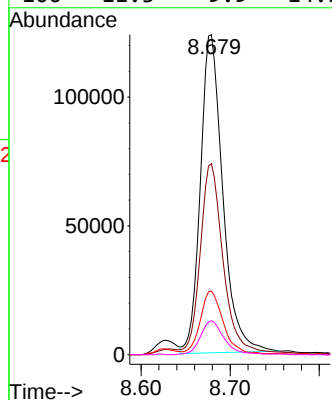
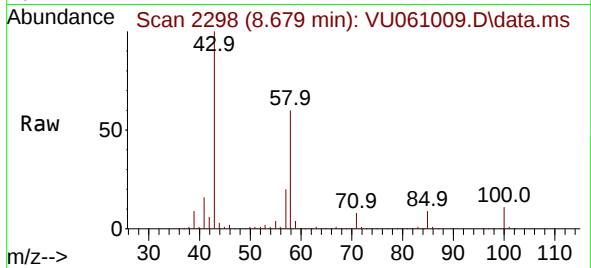




#48
2-Hexanone
Concen: 61.597 ug/L
RT: 8.679 min Scan# 216422
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

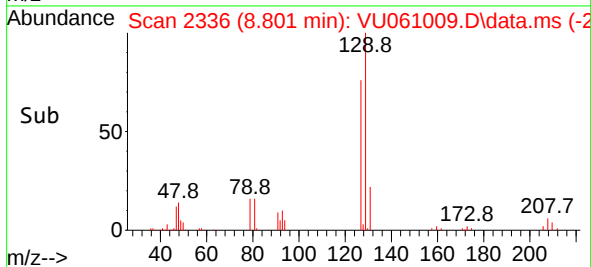
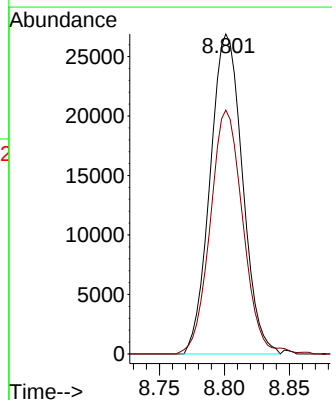
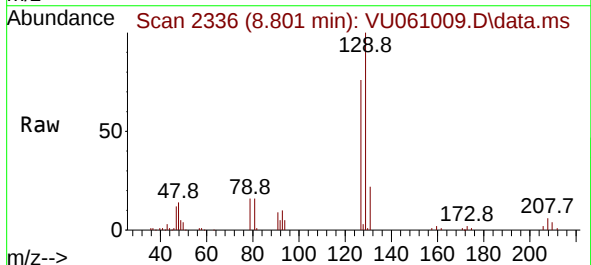
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

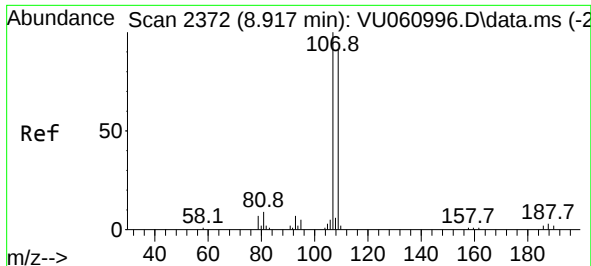
Tgt Ion:	43	Resp:	216422
Ion	Ratio	Lower	Upper
43	100		
58	62.0	48.3	72.5
57	20.1	15.9	23.9
100	11.3	9.9	14.9



#49
Dibromochloromethane
Concen: 5.495 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion:	129	Resp:	46617
Ion	Ratio	Lower	Upper
129	100		
127	76.2	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.504 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

EY072MSD

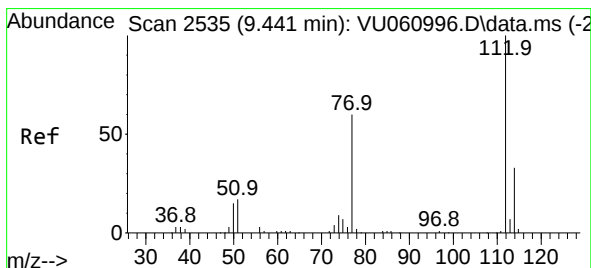
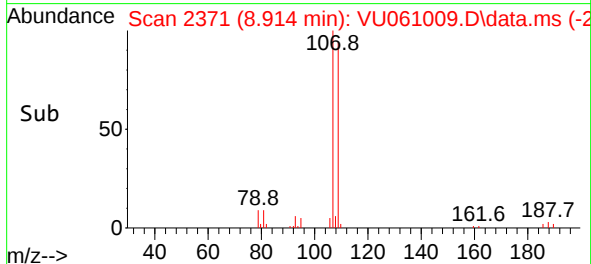
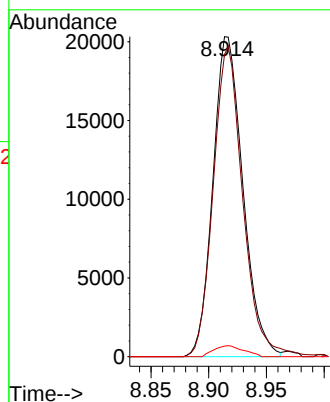
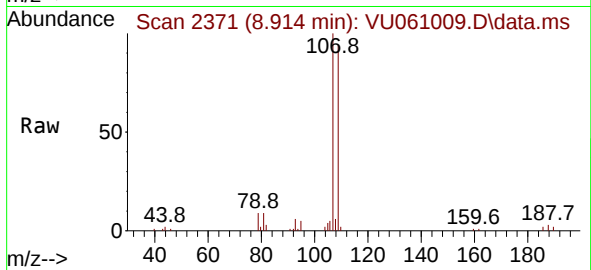
Tgt Ion:107 Resp: 36605

Ion Ratio Lower Upper

107 100

109 94.4 66.8 124.0

188 3.3 3.4 5.0#



#51

Chlorobenzene

Concen: 5.288 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

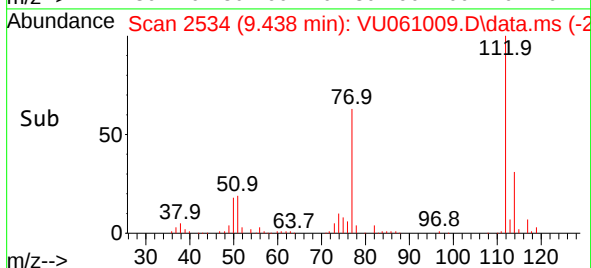
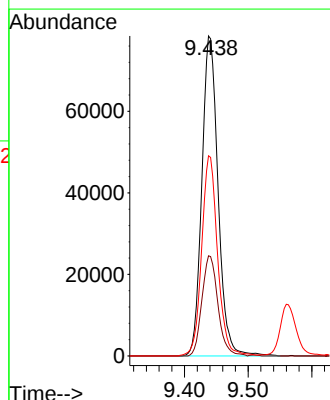
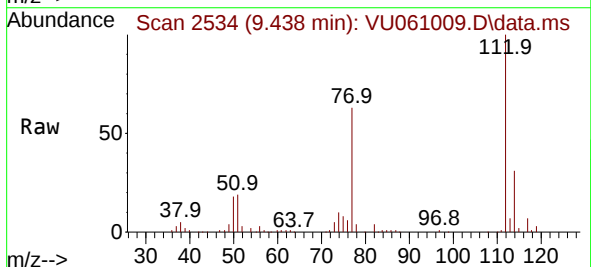
Tgt Ion:112 Resp: 139070

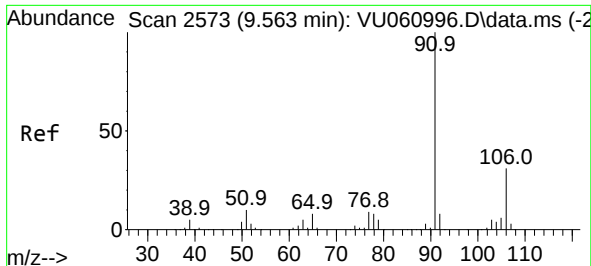
Ion Ratio Lower Upper

112 100

114 31.3 22.2 41.2

77 62.5 46.1 69.1





#52

Ethylbenzene

Concen: 5.328 ug/L

RT: 9.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

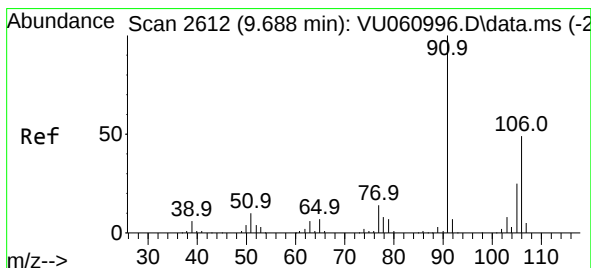
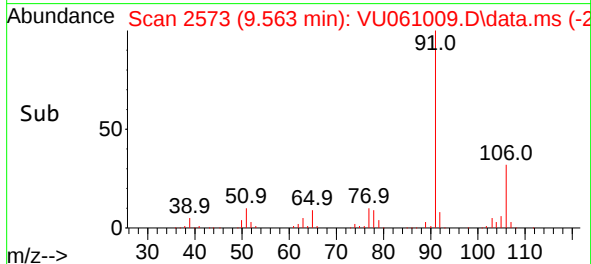
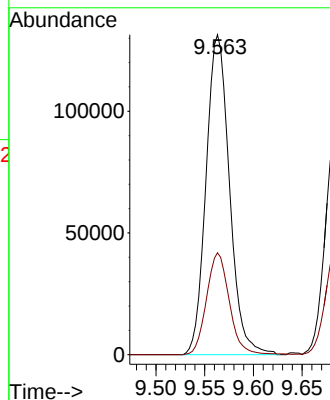
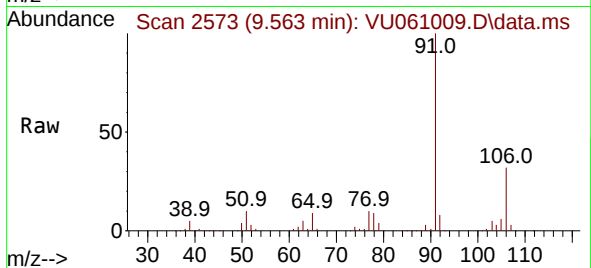
EY072MSD

Tgt Ion: 91 Resp: 219674

Ion Ratio Lower Upper

91 100

106 31.8 21.8 40.6



#53

m,p-Xylene

Concen: 5.346 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061009.D

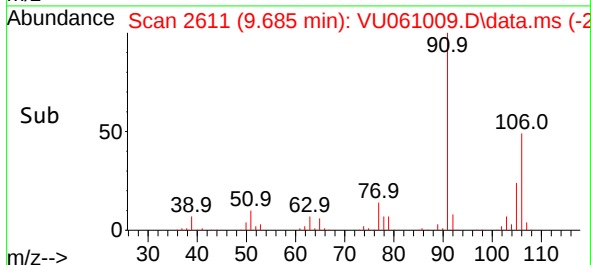
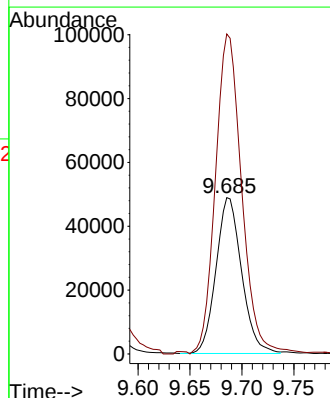
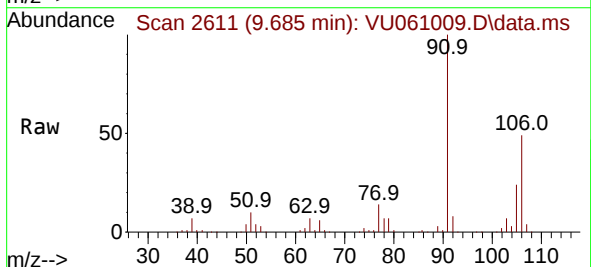
Acq: 25 Sep 2024 17:10

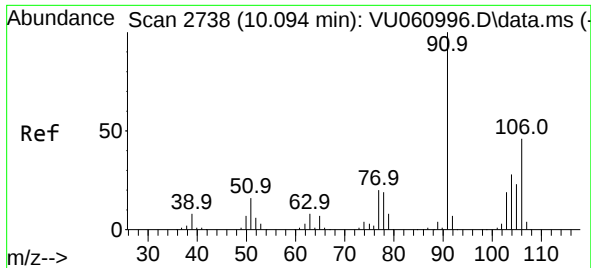
Tgt Ion: 106 Resp: 83582

Ion Ratio Lower Upper

106 100

91 204.6 139.7 259.4

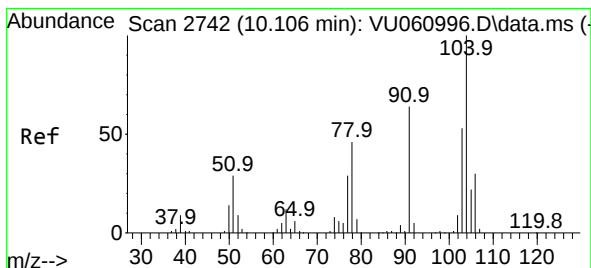
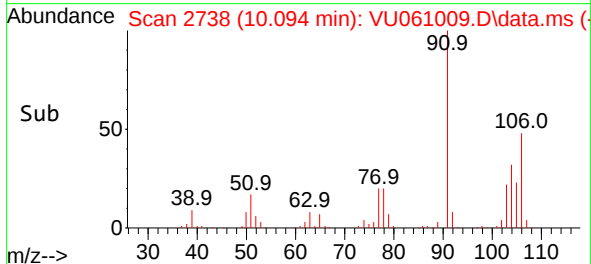
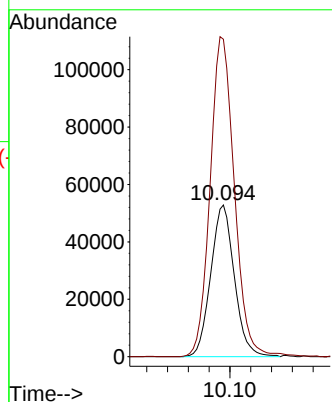
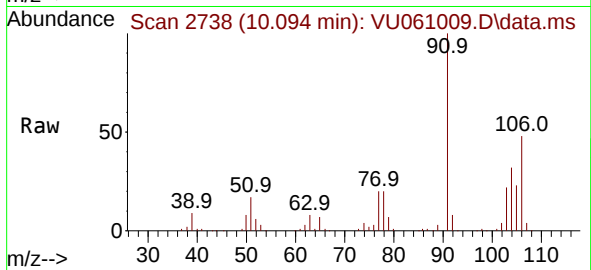




#54
o-Xylene
Concen: 5.397 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

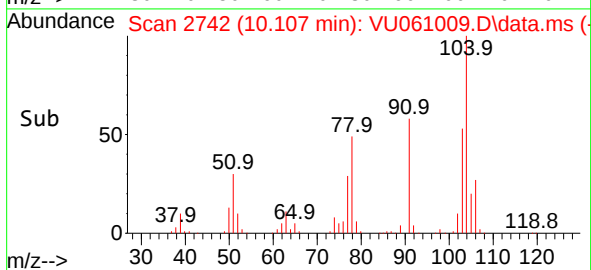
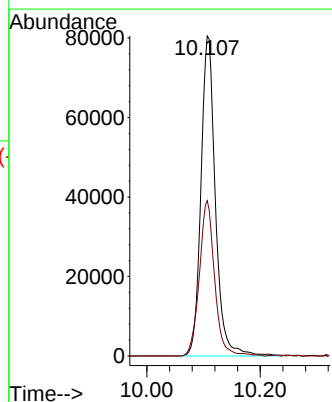
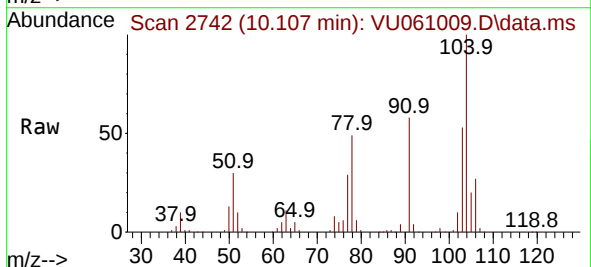
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

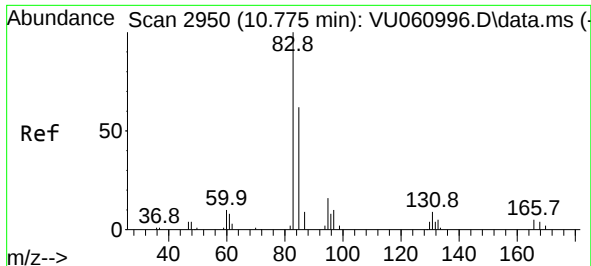
Tgt Ion:106 Resp: 83266
Ion Ratio Lower Upper
106 100
91 209.4 148.6 276.0



#55
Styrene
Concen: 5.484 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion:104 Resp: 142625
Ion Ratio Lower Upper
104 100
78 48.6 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.748 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

EY072MSD

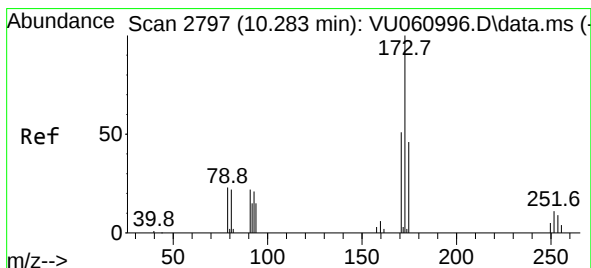
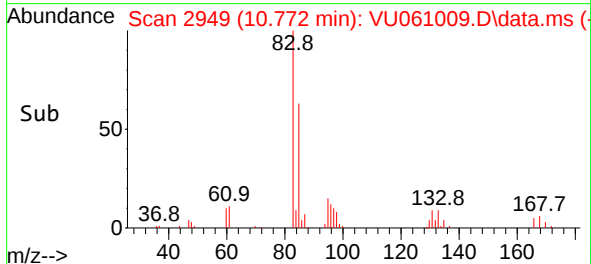
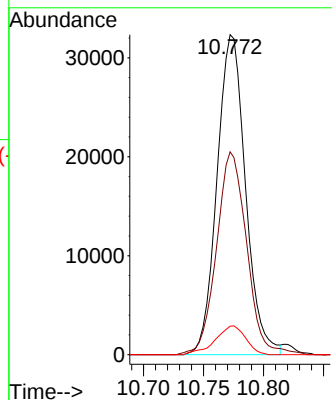
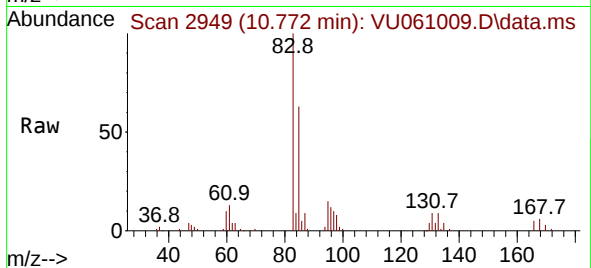
Tgt Ion: 83 Resp: 53423

Ion Ratio Lower Upper

83 100

85 63.4 42.9 79.7

131 8.9 8.4 12.6



#59

Bromoform

Concen: 5.229 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

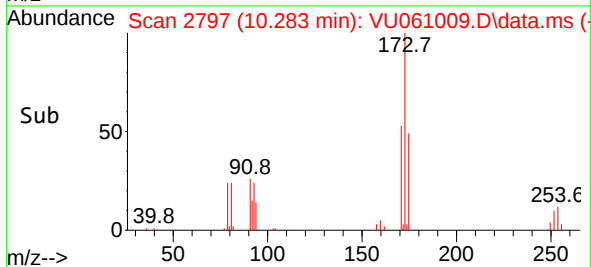
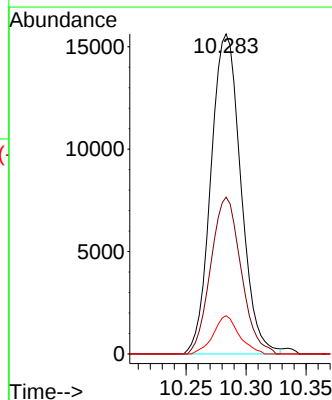
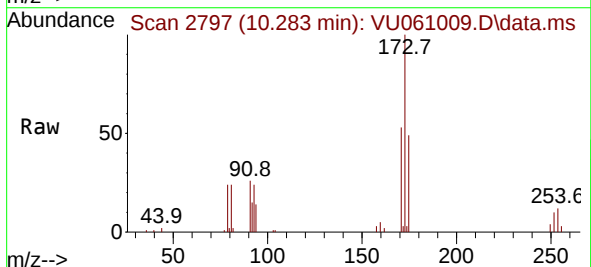
Tgt Ion:173 Resp: 27078

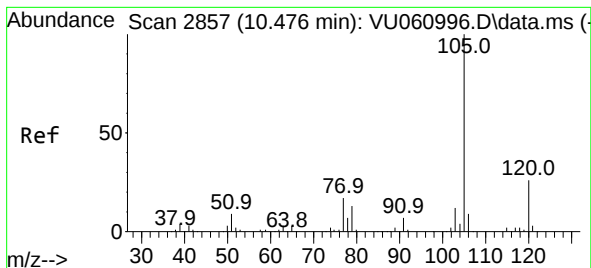
Ion Ratio Lower Upper

173 100

175 49.6 39.1 58.7

254 10.3 8.7 13.1





#60

Isopropylbenzene

Concen: 5.392 ug/L

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

EY072MSD

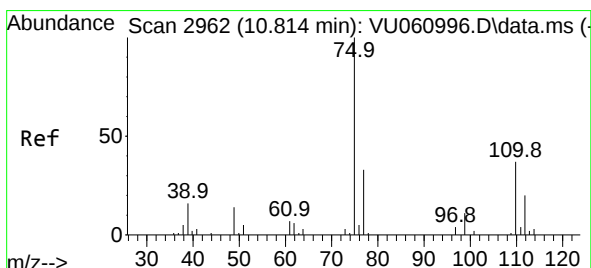
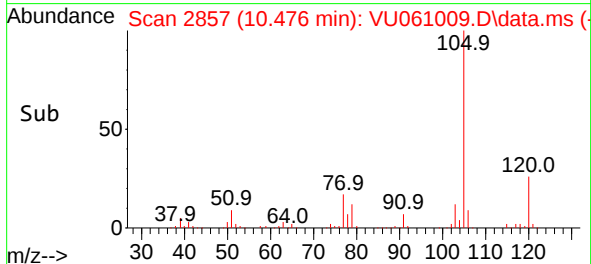
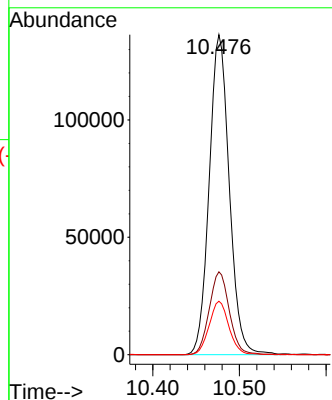
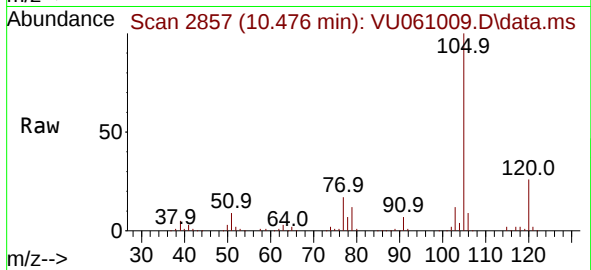
Tgt Ion:105 Resp: 219559

Ion Ratio Lower Upper

105 100

120 25.9 21.5 32.3

77 16.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.495 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

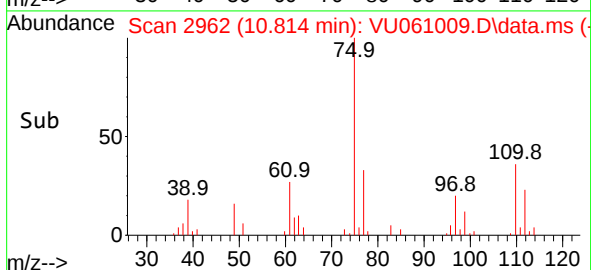
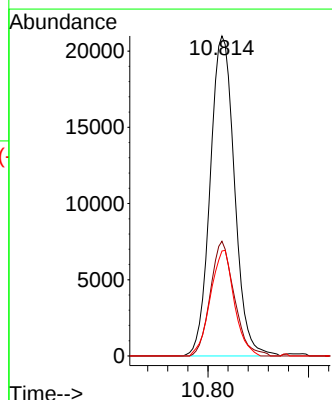
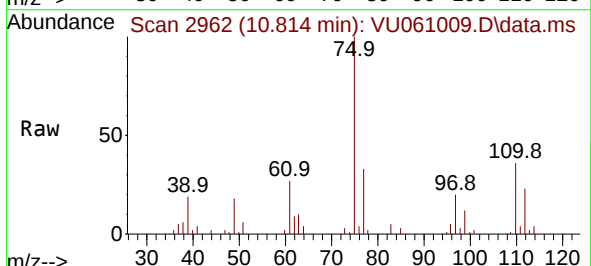
Tgt Ion: 75 Resp: 35217

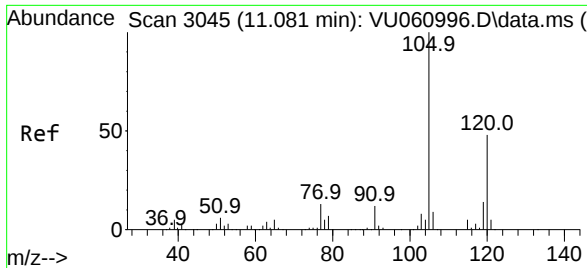
Ion Ratio Lower Upper

75 100

110 35.2 28.6 43.0

77 32.4 26.3 39.5

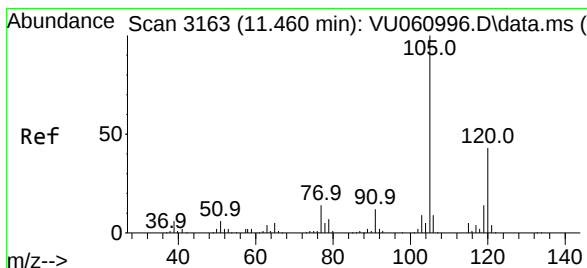
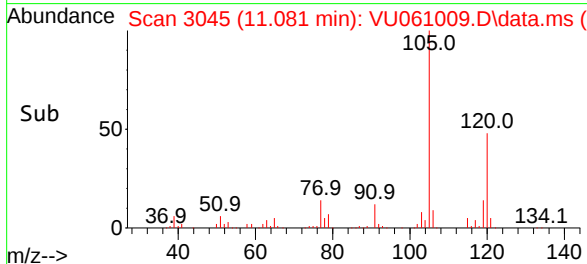
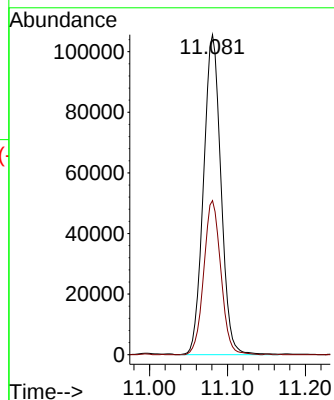
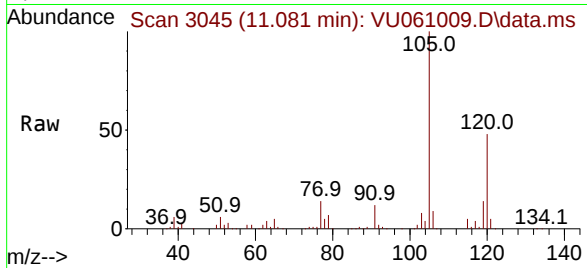




#62
1,3,5-Trimethylbenzene
Concen: 5.184 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

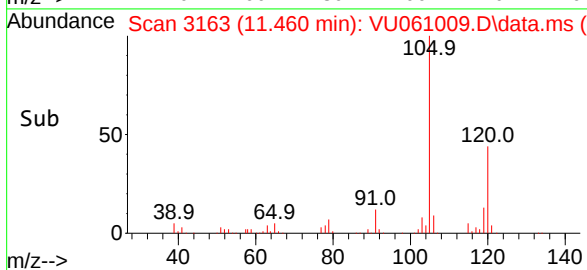
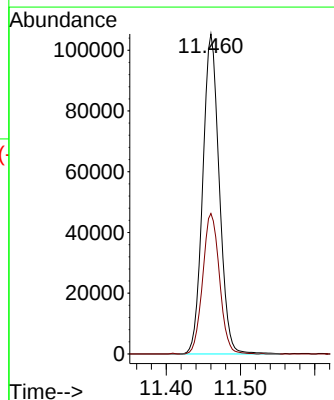
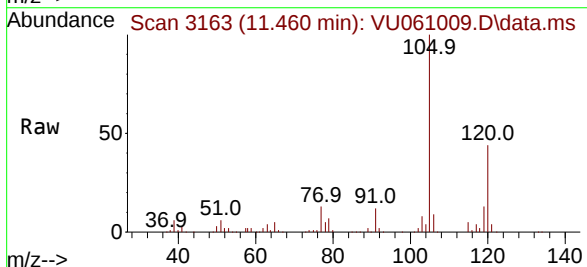
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

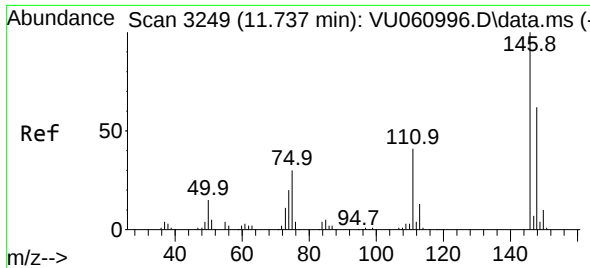
Tgt Ion:105 Resp: 164047
Ion Ratio Lower Upper
105 100
120 47.3 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.199 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion:105 Resp: 162555
Ion Ratio Lower Upper
105 100
120 44.6 36.1 54.1

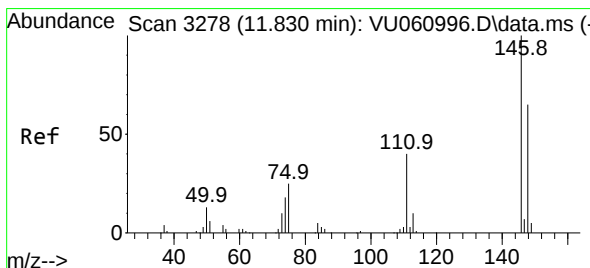
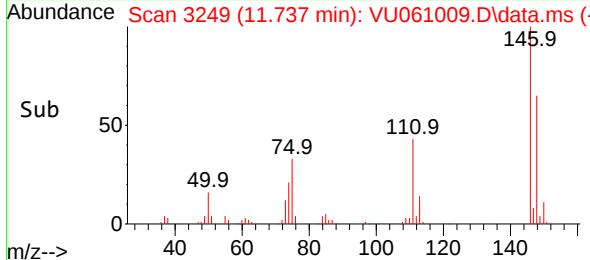
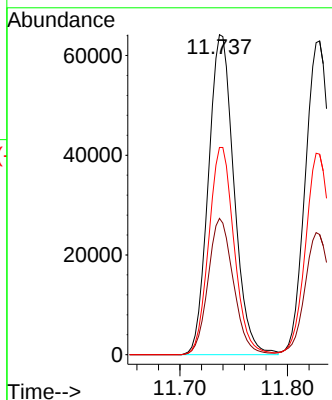
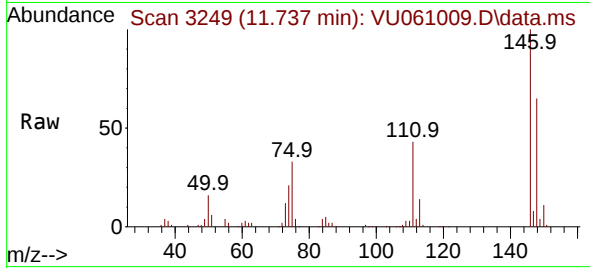




#64
1,3-Dichlorobenzene
Concen: 5.184 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

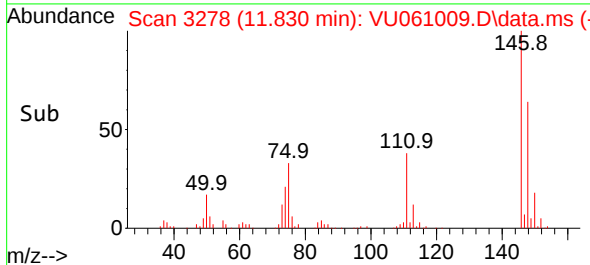
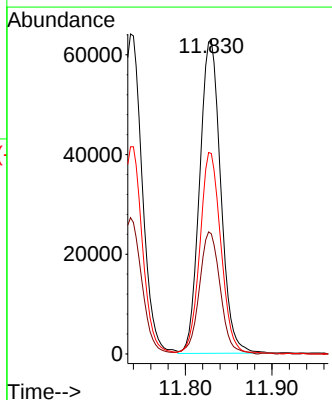
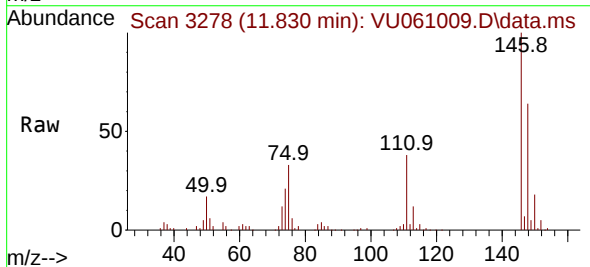
Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

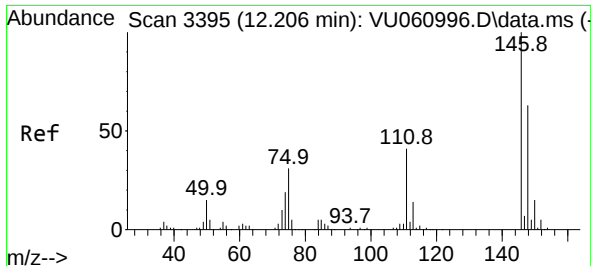
Tgt Ion:146 Resp: 106131
Ion Ratio Lower Upper
146 100
111 42.6 27.5 51.1
148 64.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.025 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion:146 Resp: 106339
Ion Ratio Lower Upper
146 100
111 38.3 26.3 48.9
148 63.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.134 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

EY072MSD

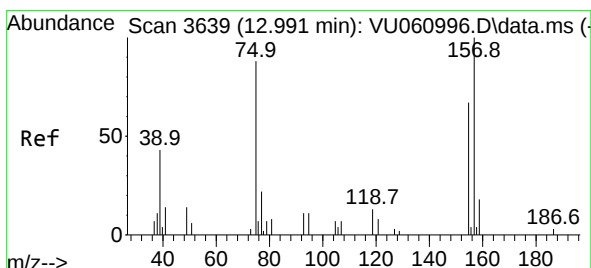
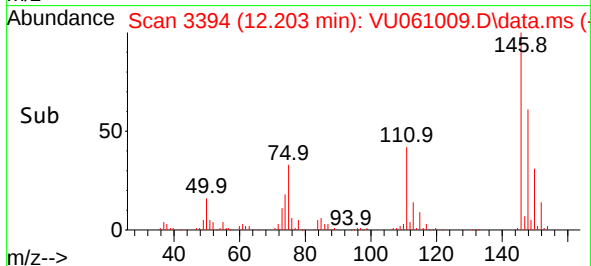
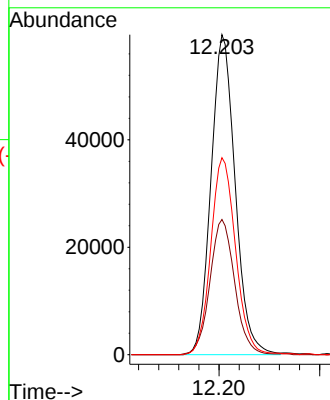
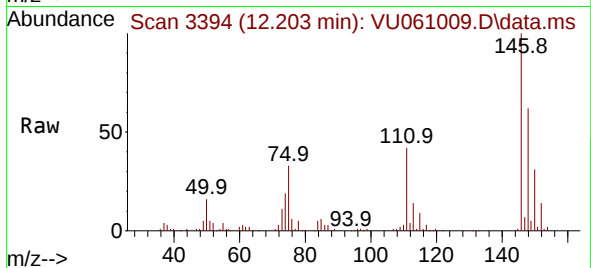
Tgt Ion:146 Resp: 99391

Ion Ratio Lower Upper

146 100

111 42.3 33.4 50.0

148 61.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.093 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

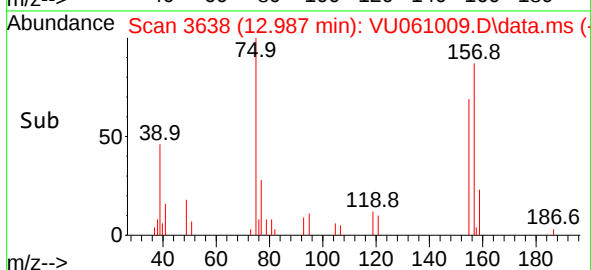
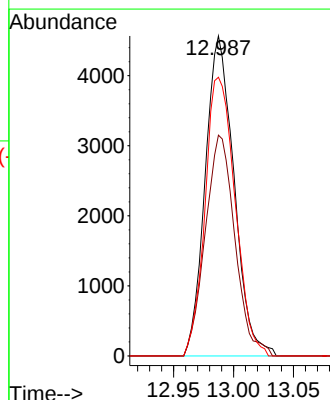
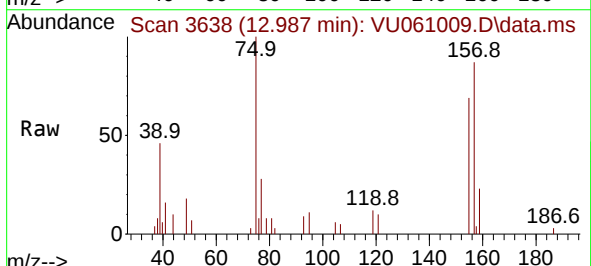
Tgt Ion: 75 Resp: 7624

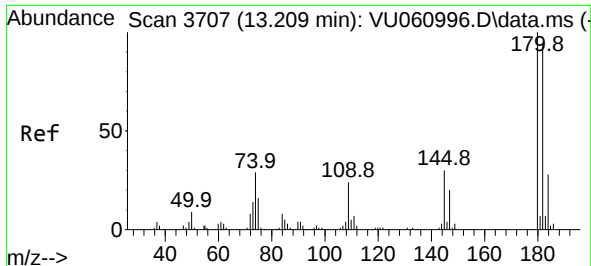
Ion Ratio Lower Upper

75 100

155 69.0 73.1 109.7#

157 90.7 91.0 136.4#





#69

1,3,5-Trichlorobenzene

Concen: 4.903 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

Instrument :

MSVOA_U

ClientSampleId :

EY072MSD

Tgt Ion:180 Resp: 75084

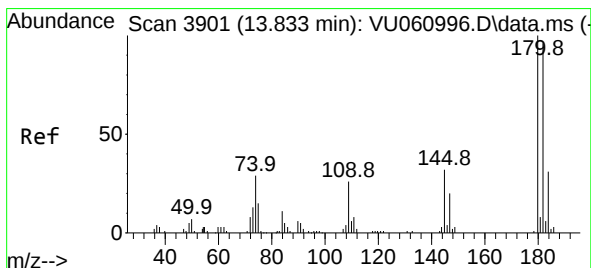
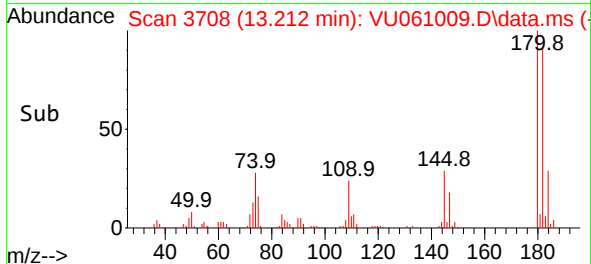
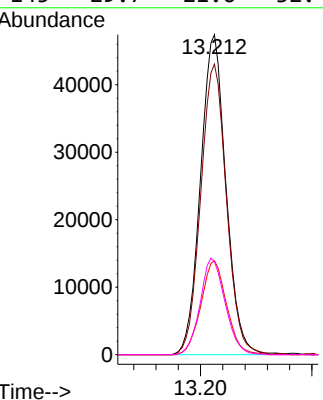
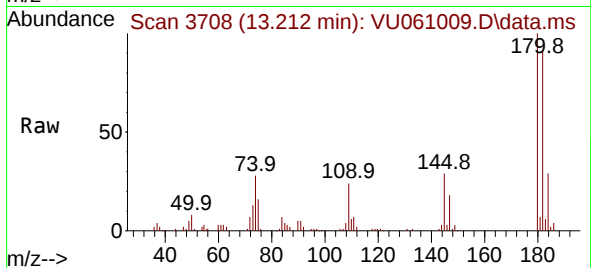
Ion Ratio Lower Upper

180 100

182 91.8 74.5 111.7

184 29.6 23.2 34.8

145 29.7 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.445 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061009.D

Acq: 25 Sep 2024 17:10

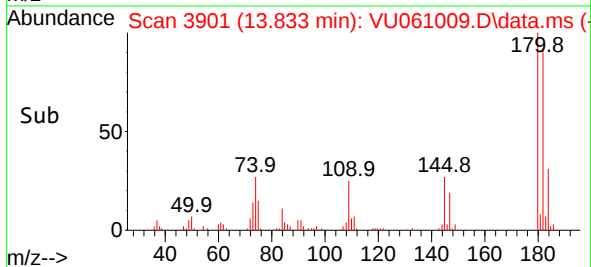
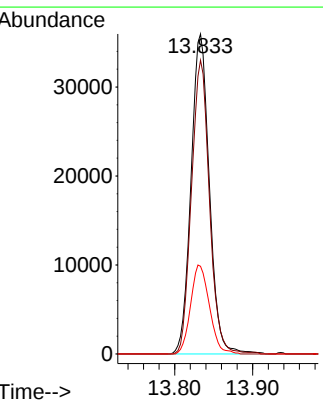
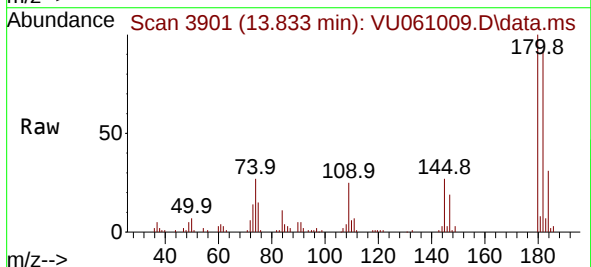
Tgt Ion:180 Resp: 58739

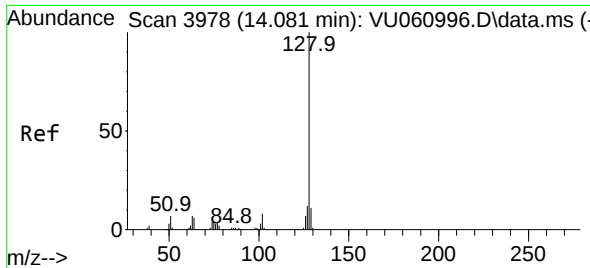
Ion Ratio Lower Upper

180 100

182 89.9 77.4 116.2

145 28.5 22.9 34.3

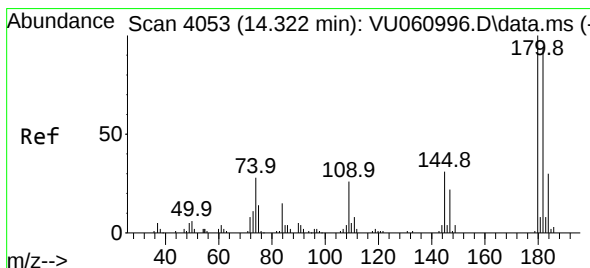
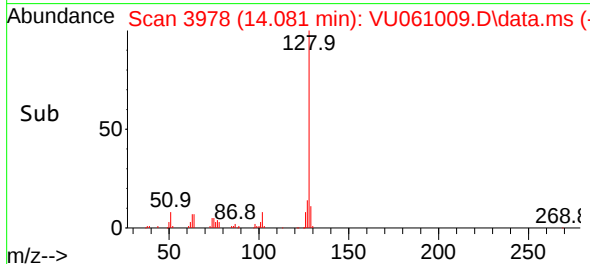
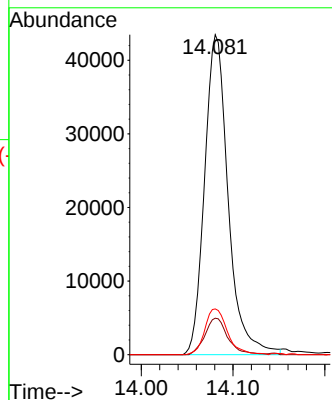
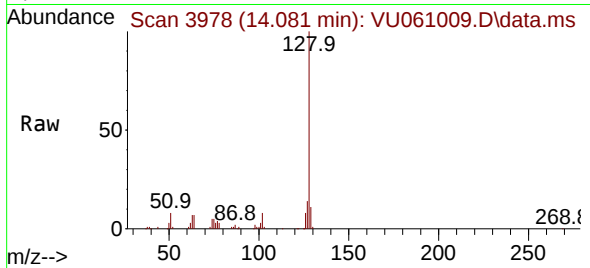




#71
Naphthalene
Concen: 5.465 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

Tgt Ion:	128	Resp:	77752
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.8	10.7	16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.369 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061009.D
Acq: 25 Sep 2024 17:10

Tgt Ion:	180	Resp:	50036
Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.7	113.5
145	31.6	23.5	35.3

