

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060149.D
 Acq On : 24 Jul 2024 12:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80978	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63189	5.603	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.911	69	55032	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.560	65	24290	5.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.400%
20) 2-Butanone-d5	4.631	46	155679	59.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.080%
24) Chloroform-d	5.055	84	120895	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	56907	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.721	84	239649	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.685	67	78197	5.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.891	98	224867	5.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	8.177	79	25203	5.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.627	63	123336	58.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	65552	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	73450	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.383	85	48928	3.992	ug/L 97
3) Chloromethane	1.518	50	63611	4.297	ug/L 99
5) Vinyl chloride	1.602	62	71291	4.295	ug/L 97
6) Bromomethane	1.853	94	43775	4.051	ug/L 99
8) Chloroethane	1.930	64	45442	4.192	ug/L 99
9) Trichlorofluoromethane	2.132	101	85406	4.080	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55526	4.065	ug/L 97
12) 1,1-Dichloroethene	2.573	96	51143	4.133	ug/L 88
13) Acetone	2.647	43	87591	50.217	ug/L 92
14) Carbon disulfide	2.788	76	145814	4.047	ug/L 98
15) Methyl Acetate	2.956	43	23548	5.489	ug/L # 89
16) Methylene chloride	3.039	84	65069	4.289	ug/L 92
17) Methyl tert-butyl Ether	3.358	73	130087	4.610	ug/L 96
18) trans-1,2-Dichloroethene	3.348	96	53200	4.134	ug/L 92
19) 1,1-Dichloroethane	3.862	63	112536	4.605	ug/L 99
21) 2-Butanone	4.711	43	147053	53.257	ug/L 94
22) cis-1,2-Dichloroethene	4.657	96	63502	4.405	ug/L 94
23) Bromochloromethane	4.968	128	29749	4.246	ug/L 87
25) Chloroform	5.081	83	114958	4.278	ug/L 98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060149.D
 Acq On : 24 Jul 2024 12:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

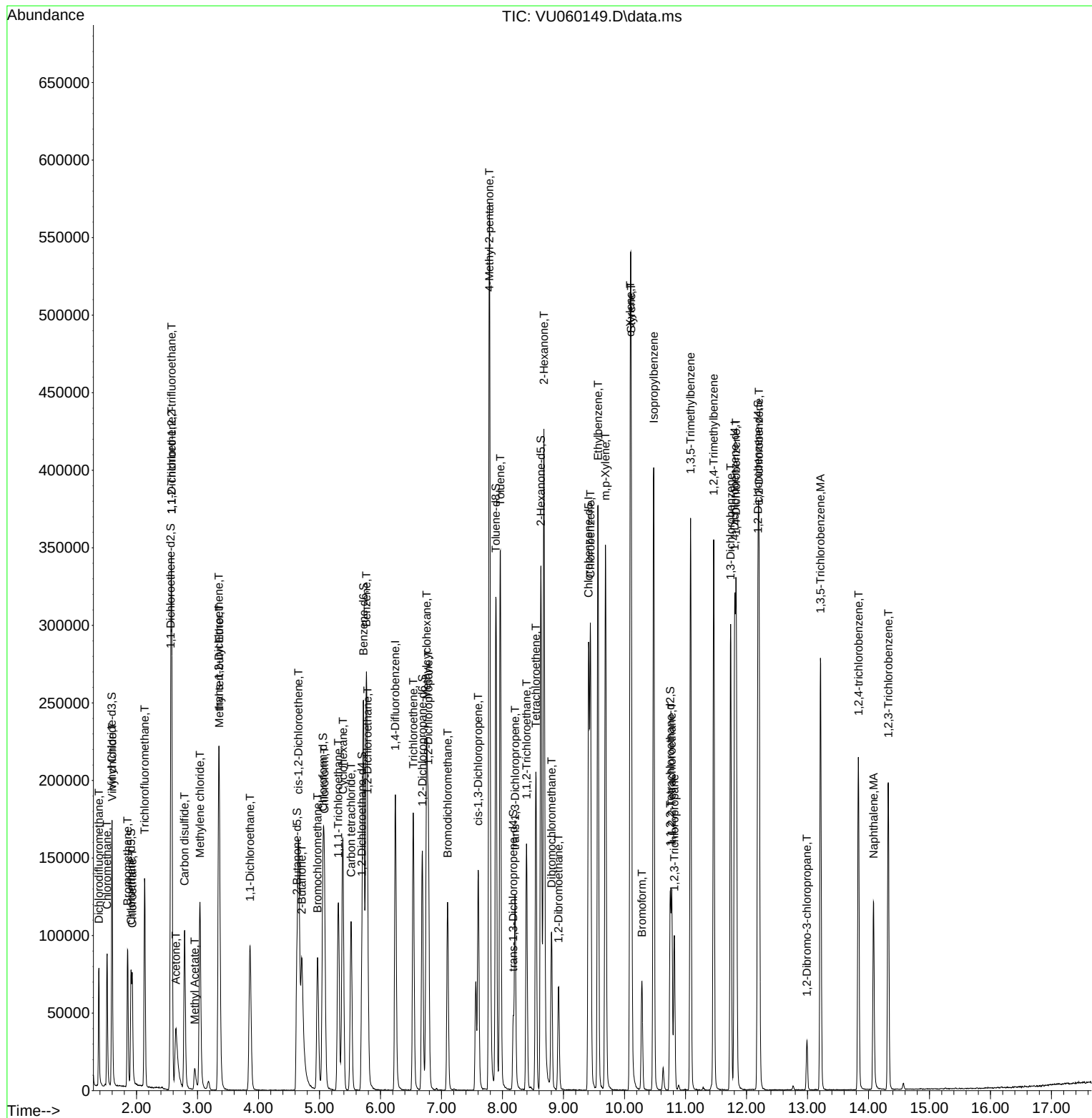
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70999	4.622	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	88704	4.347	ug/L	96
30) Cyclohexane	5.383	56	77317	4.790	ug/L	93
31) Carbon tetrachloride	5.518	117	74884	4.253	ug/L	98
33) Benzene	5.769	78	248276	4.600	ug/L	100
34) Trichloroethene	6.537	95	62781	4.386	ug/L	95
35) Methylcyclohexane	6.756	83	83327	4.441	ug/L	94
37) 1,2-Dichloropropane	6.785	63	68335	4.686	ug/L	99
38) Bromodichloromethane	7.100	83	81774	4.476	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	90644	4.757	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	368599	57.126	ug/L	96
42) Toluene	7.965	91	266306	4.636	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	75380	4.736	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50924	4.570	ug/L	99
47) Tetrachloroethene	8.547	164	47868	4.044	ug/L	97
48) 2-Hexanone	8.679	43	265884	56.279	ug/L	96
49) Dibromochloromethane	8.804	129	53274	4.322	ug/L	95
50) 1,2-Dibromoethane	8.917	107	46076	4.574	ug/L	93
51) Chlorobenzene	9.441	112	165271	4.404	ug/L	97
52) Ethylbenzene	9.566	91	268353	4.685	ug/L	98
53) m,p-Xylene	9.688	106	102144	4.616	ug/L	99
54) o-Xylene	10.094	106	97316	4.598	ug/L	91
55) Styrene	10.110	104	174229	4.837	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	63851	4.684	ug/L	96
59) Bromoform	10.287	173	32818	4.459	ug/L	99
60) Isopropylbenzene	10.479	105	259938	4.907	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	43278	5.069	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	199297	4.925	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	194135	4.965	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	129056	4.528	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	127681	4.401	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	123401	4.524	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	9081	5.457	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.212	180	90447	4.205	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	69900	4.270	ug/L	97
71) Naphthalene	14.084	128	102716	4.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	64453	4.378	ug/L	98

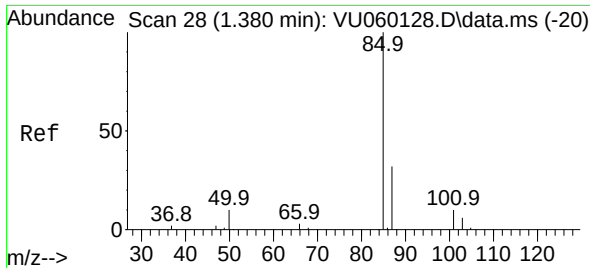
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
Data File : VU060149.D
Acq On : 24 Jul 2024 12:48
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 25 05:09:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 24 05:34:19 2024
Response via : Initial Calibration

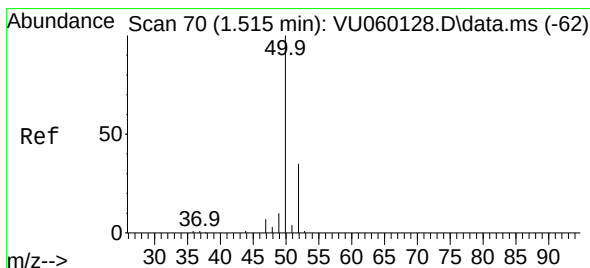
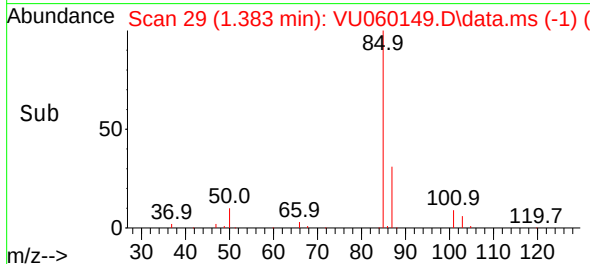
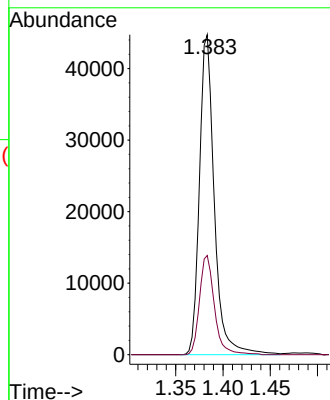
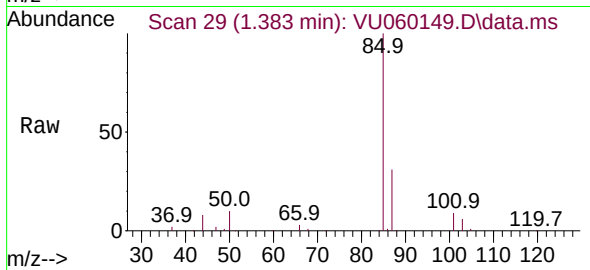




#2
 Dichlorodifluoromethane
 Concen: 3.992 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

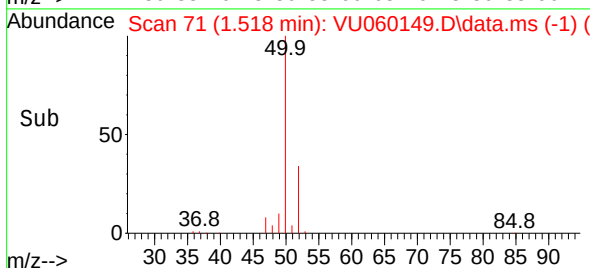
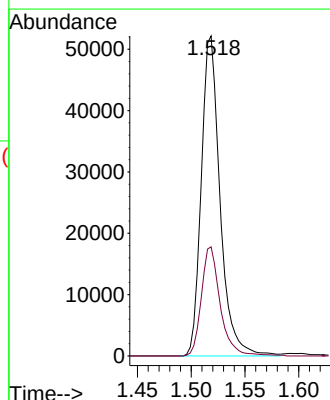
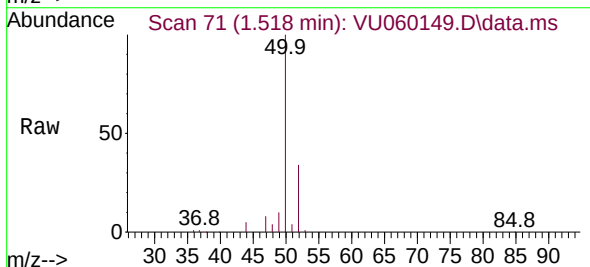
Instrument :
 MSVOA_U
 ClientSampleId :

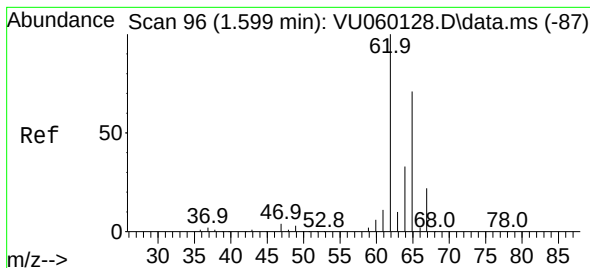
Tgt Ion: 85 Resp: 48928
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.1 39.1



#3
 Chloromethane
 Concen: 4.297 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

Tgt Ion: 50 Resp: 63611
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.4 43.4





#5

Vinyl chloride

Concen: 4.295 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

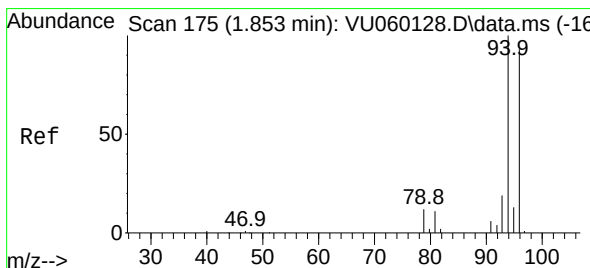
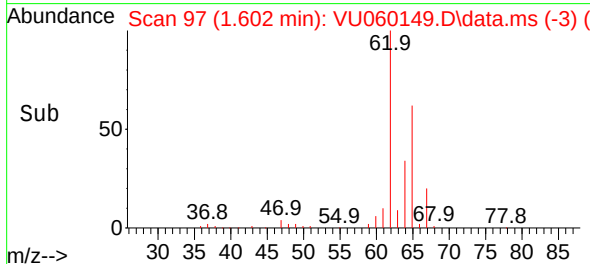
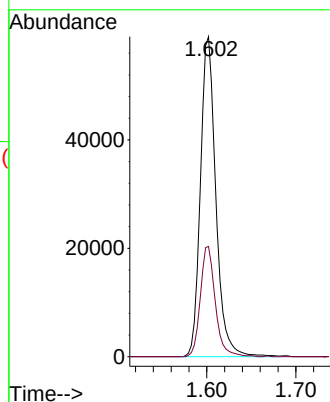
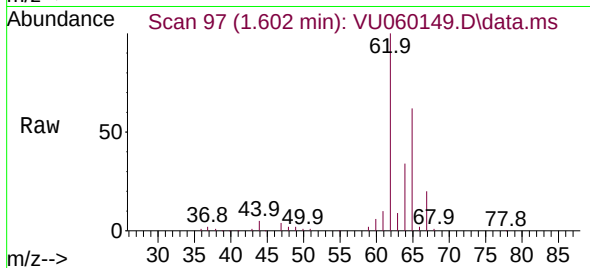
ClientSampleId :

Tgt Ion: 62 Resp: 71291

Ion Ratio Lower Upper

62 100

64 34.5 22.8 42.4



#6

Bromomethane

Concen: 4.051 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060149.D

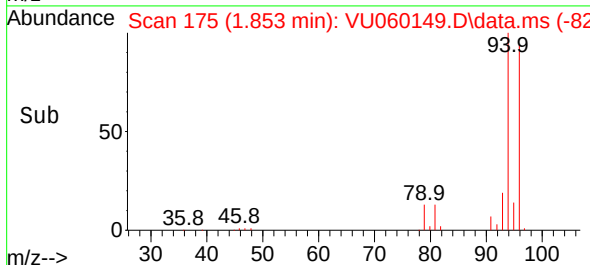
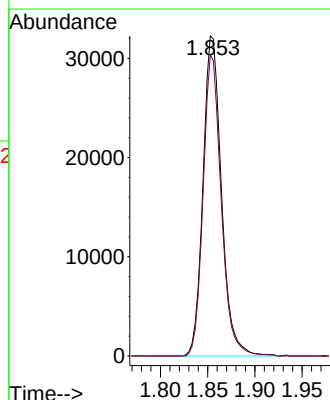
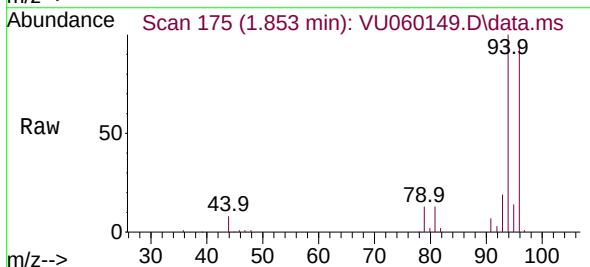
Acq: 24 Jul 2024 12:48

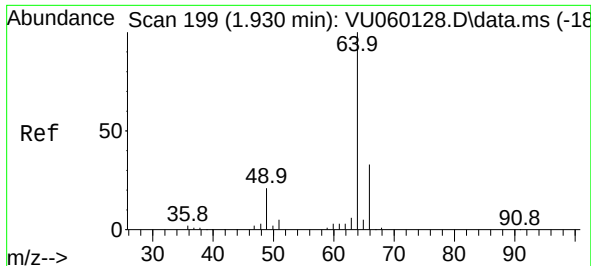
Tgt Ion: 94 Resp: 43775

Ion Ratio Lower Upper

94 100

96 94.0 66.6 123.6

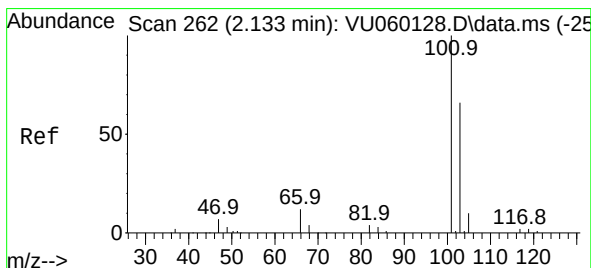
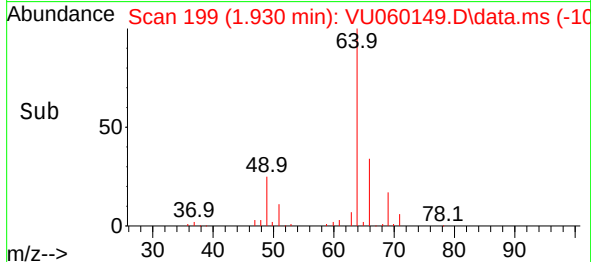
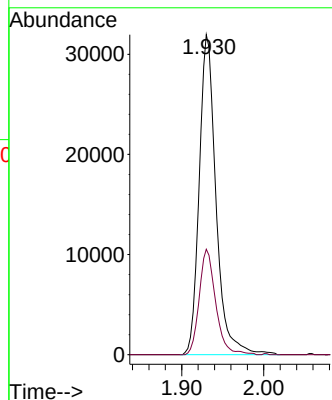
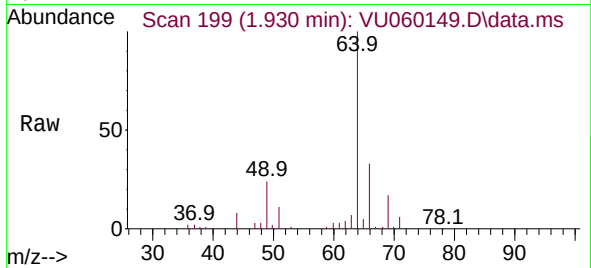




#8
Chloroethane
Concen: 4.192 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

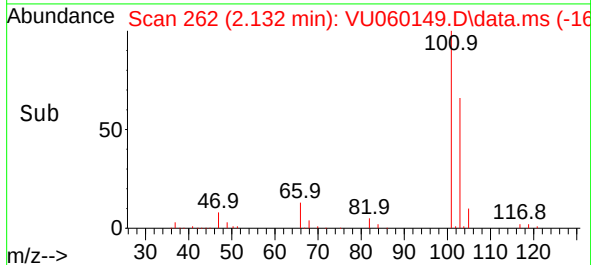
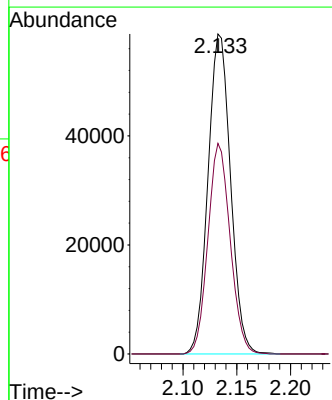
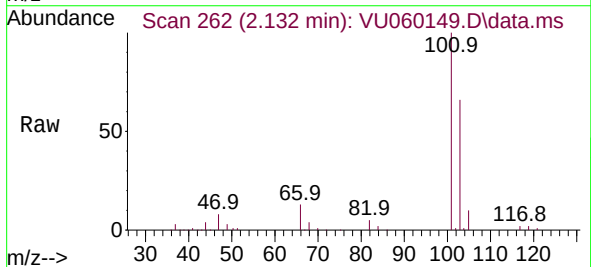
Instrument :
MSVOA_U
ClientSampleId :

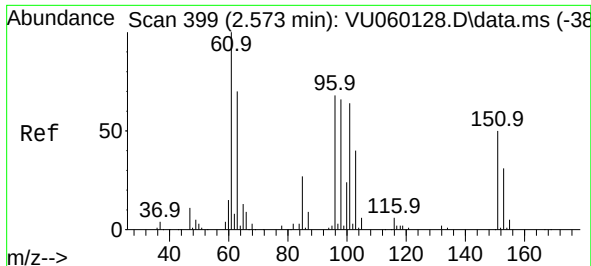
Tgt Ion: 64 Resp: 45442
Ion Ratio Lower Upper
64 100
66 32.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.080 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Tgt Ion:101 Resp: 85406
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

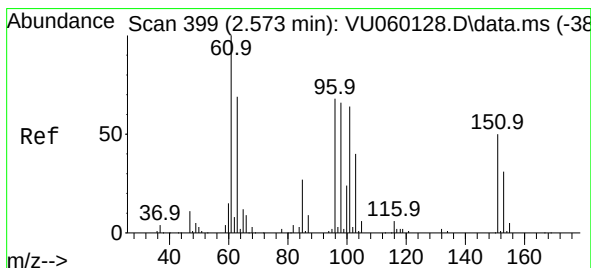
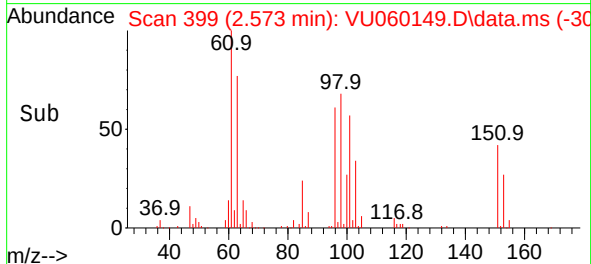
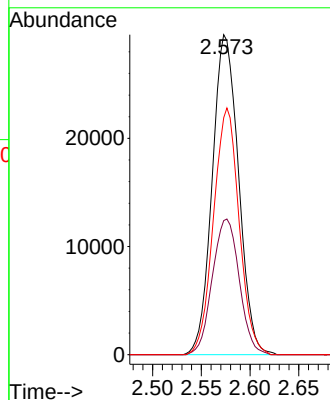
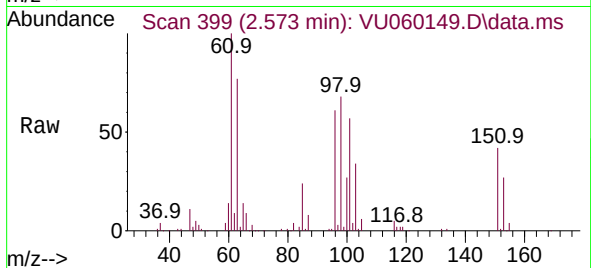




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.065 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

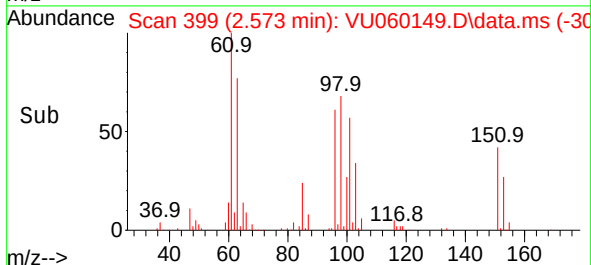
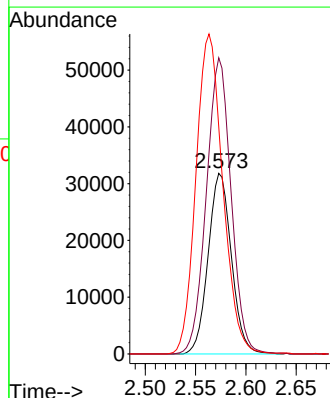
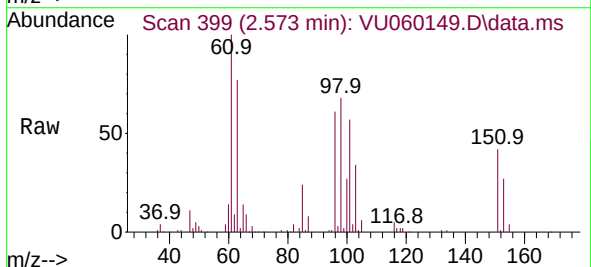
Instrument :
 MSVOA_U
 ClientSampleId :

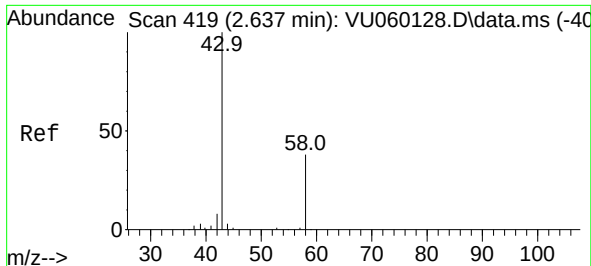
Tgt Ion:	101	Resp:	55526
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.2	49.8
151	75.1	61.8	92.8



#12
 1,1-Dichloroethene
 Concen: 4.133 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

Tgt Ion:	96	Resp:	51143
Ion	Ratio	Lower	Upper
96	100		
61	164.0	107.0	198.6
63	125.7	76.4	142.0





#13

Acetone

Concen: 50.217 ug/L

RT: 2.647 min Scan# 419

Delta R.T. 0.010 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

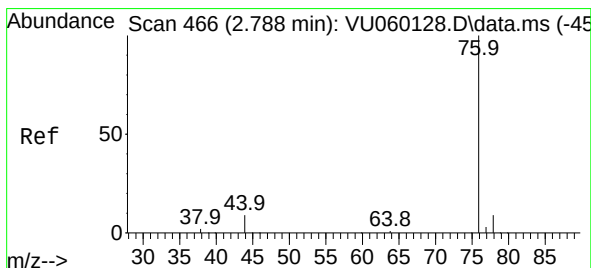
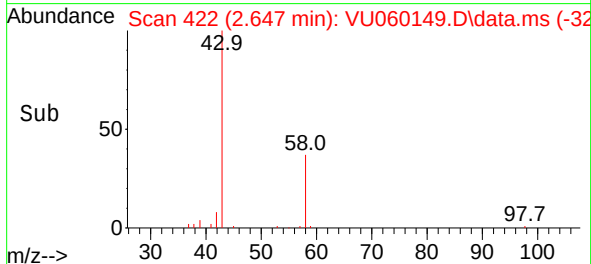
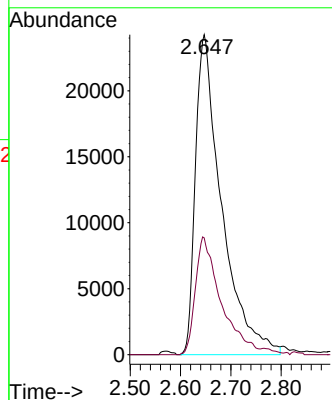
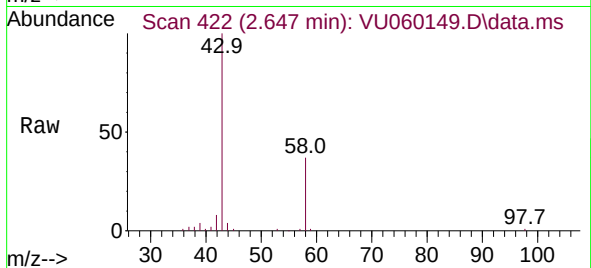
ClientSampleId :

Tgt Ion: 43 Resp: 87591

Ion Ratio Lower Upper

43 100

58 35.8 0.0 82.2



#14

Carbon disulfide

Concen: 4.047 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060149.D

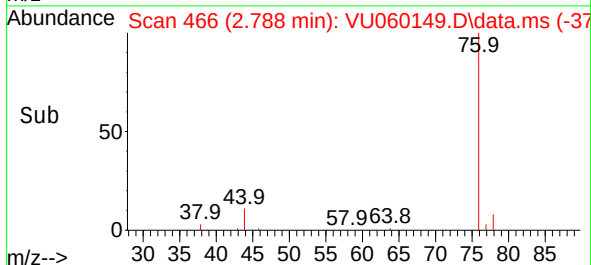
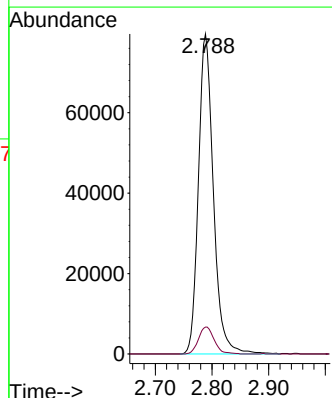
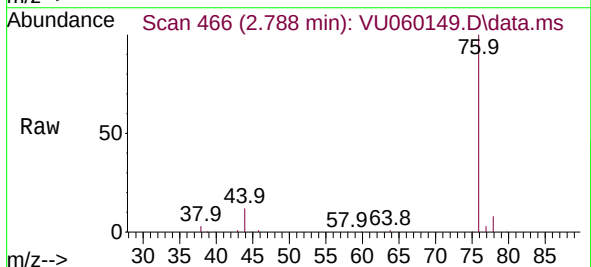
Acq: 24 Jul 2024 12:48

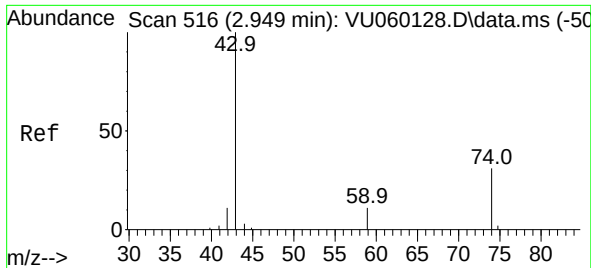
Tgt Ion: 76 Resp: 145814

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.0





#15

Methyl Acetate

Concen: 5.489 ug/L

RT: 2.956 min Scan# 516

Delta R.T. 0.006 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

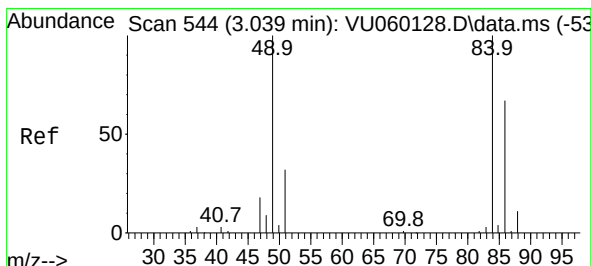
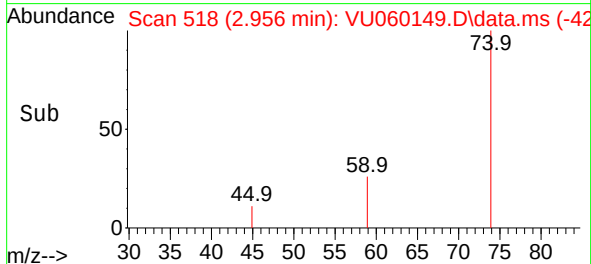
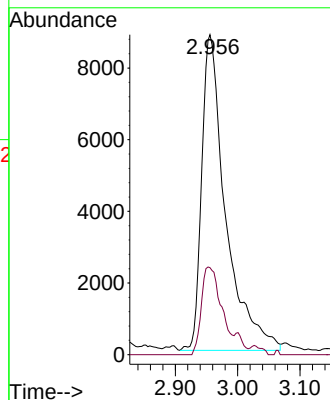
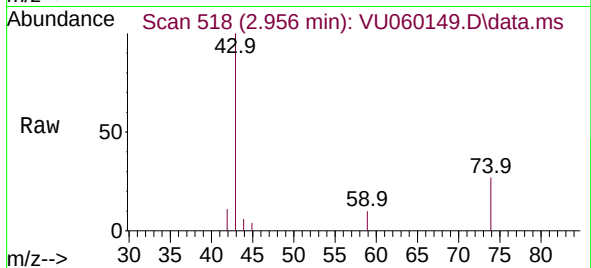
ClientSampleId :

Tgt Ion: 43 Resp: 23548

Ion Ratio Lower Upper

43 100

74 23.3 23.5 35.3#



#16

Methylene chloride

Concen: 4.289 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

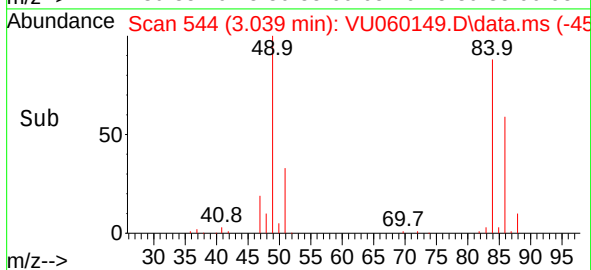
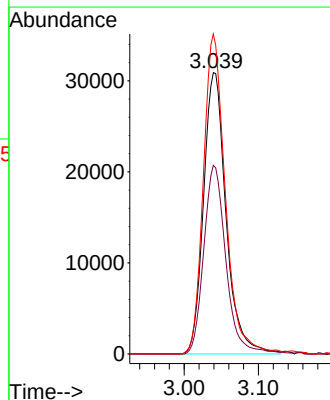
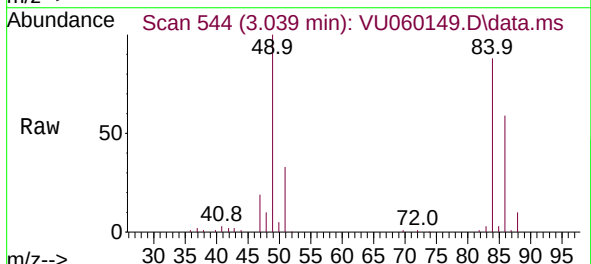
Tgt Ion: 84 Resp: 65069

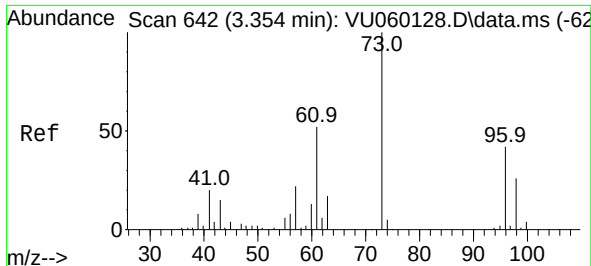
Ion Ratio Lower Upper

84 100

86 67.0 44.4 82.5

49 113.7 72.0 133.6





#17

Methyl tert-butyl Ether

Concen: 4.610 ug/L

RT: 3.358 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

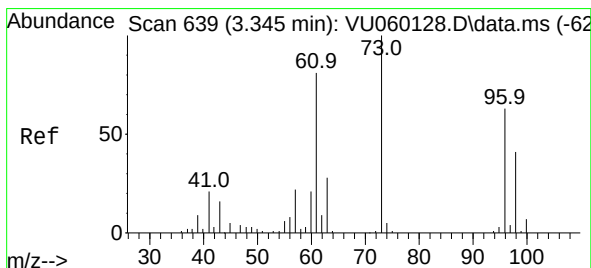
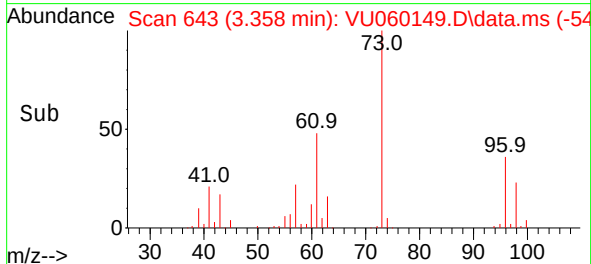
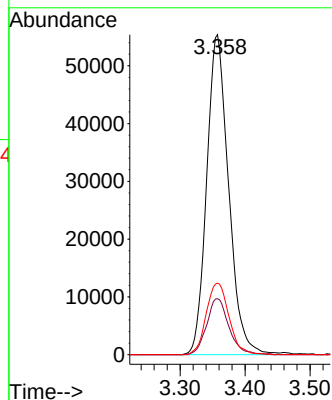
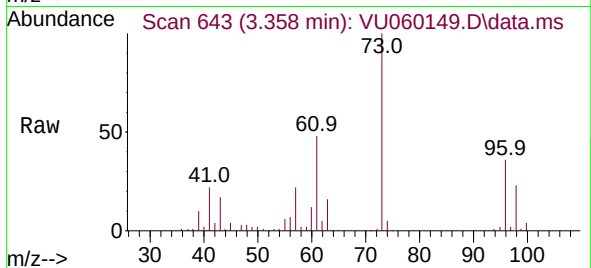
Tgt Ion: 73 Resp: 130087

Ion Ratio Lower Upper

73 100

43 17.8 13.1 19.7

57 23.2 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 4.134 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

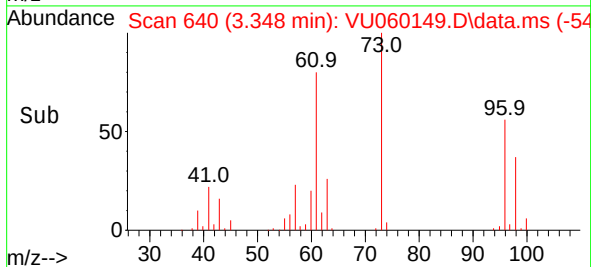
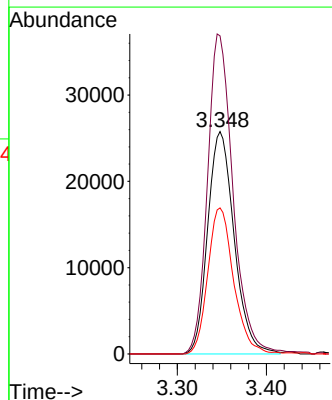
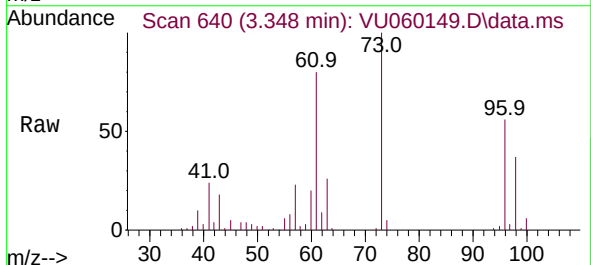
Tgt Ion: 96 Resp: 53200

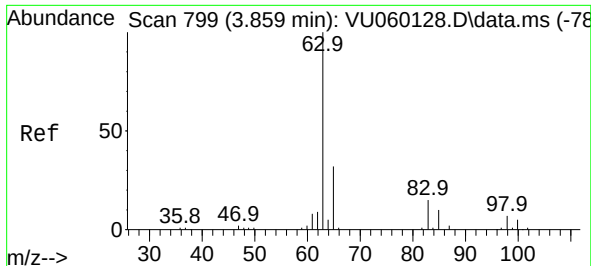
Ion Ratio Lower Upper

96 100

61 143.0 91.6 170.0

98 65.7 47.7 88.5





#19

1,1-Dichloroethane

Concen: 4.605 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

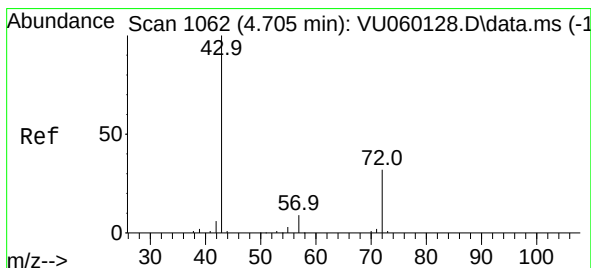
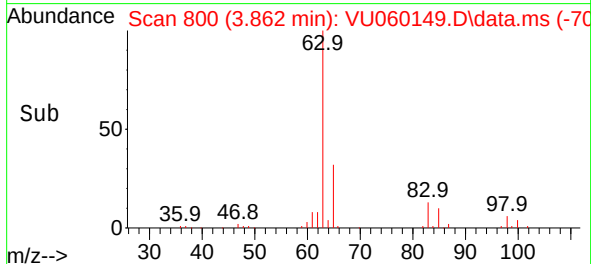
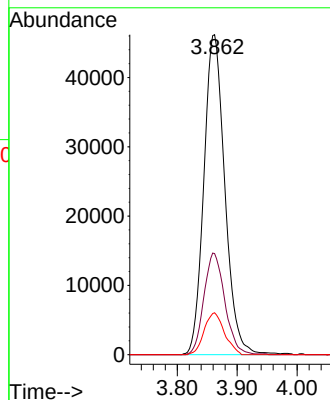
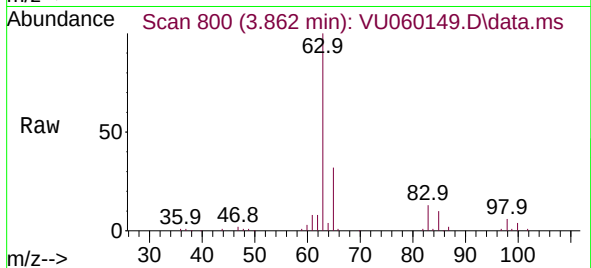
Tgt Ion: 63 Resp: 112536

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.1 9.7 17.9



#21

2-Butanone

Concen: 53.257 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VU060149.D

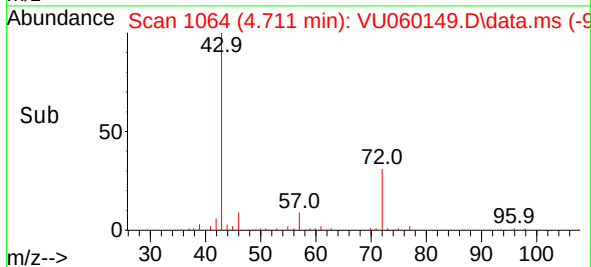
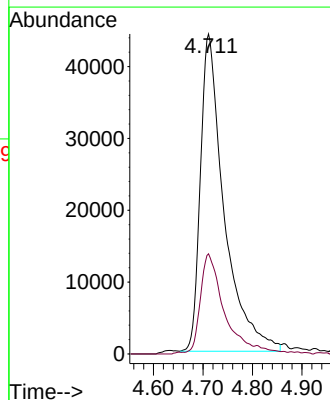
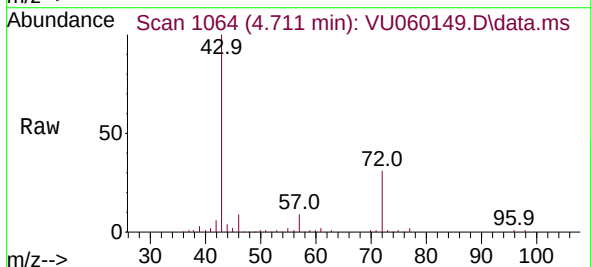
Acq: 24 Jul 2024 12:48

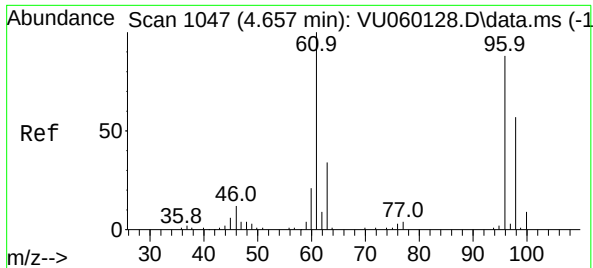
Tgt Ion: 43 Resp: 147053

Ion Ratio Lower Upper

43 100

72 29.1 16.3 48.9

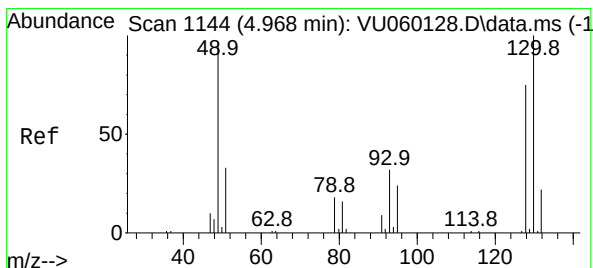
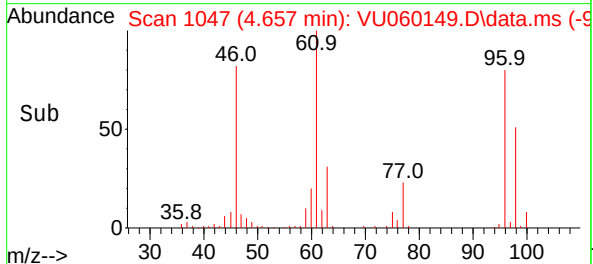
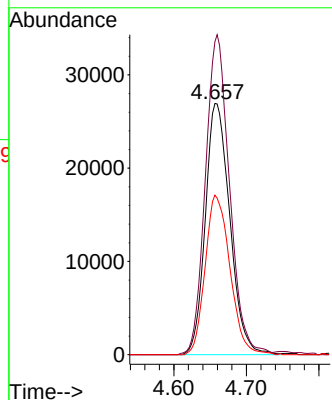
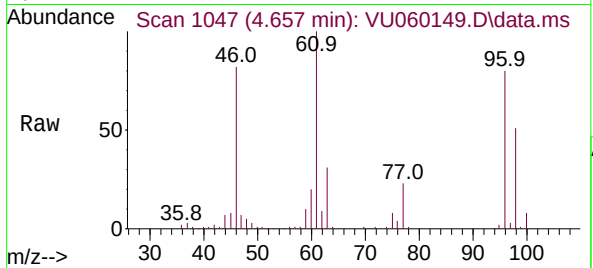




#22
 cis-1,2-Dichloroethene
 Concen: 4.405 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

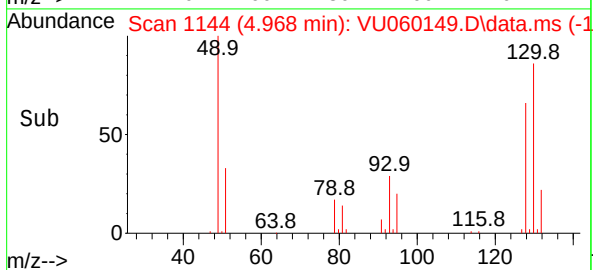
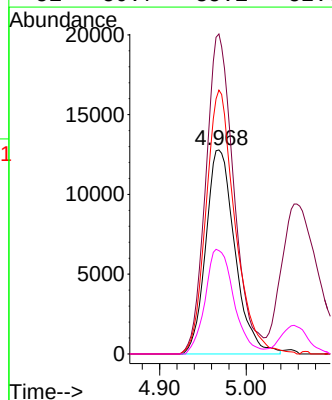
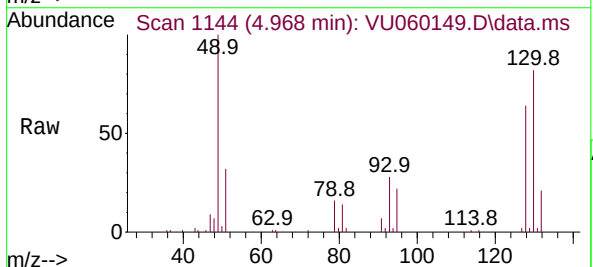
Instrument :
 MSVOA_U
 ClientSampleId :

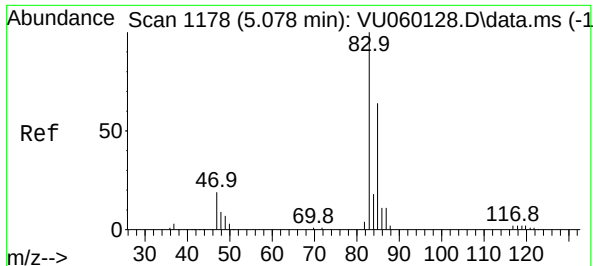
Tgt Ion: 96 Resp: 63502
 Ion Ratio Lower Upper
 96 100
 61 124.6 80.2 148.9
 98 63.5 44.7 83.1



#23
 Bromochloromethane
 Concen: 4.246 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

Tgt Ion:128 Resp: 29749
 Ion Ratio Lower Upper
 128 100
 49 156.8 92.3 171.3
 130 129.3 87.1 161.7
 51 50.7 35.1 52.7





#25

Chloroform

Concen: 4.278 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

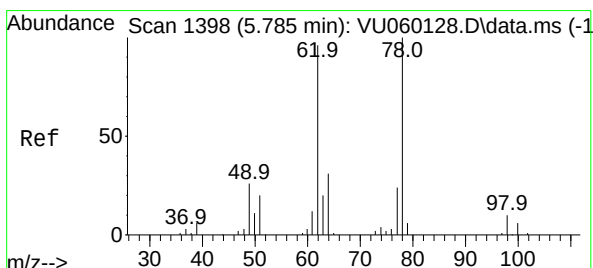
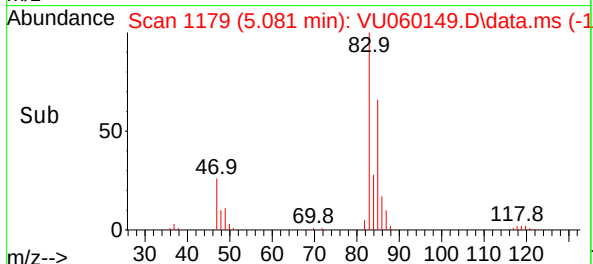
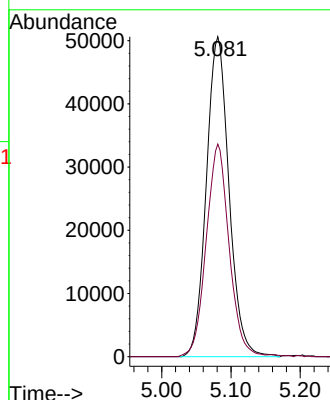
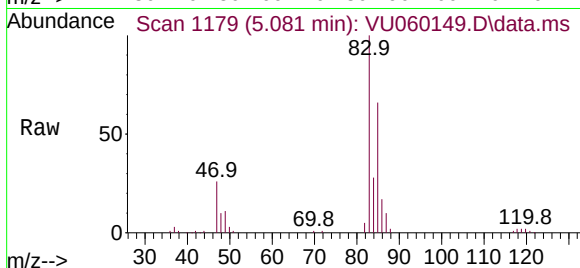
ClientSampleId :

Tgt Ion: 83 Resp: 114958

Ion Ratio Lower Upper

83 100

85 66.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.622 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060149.D

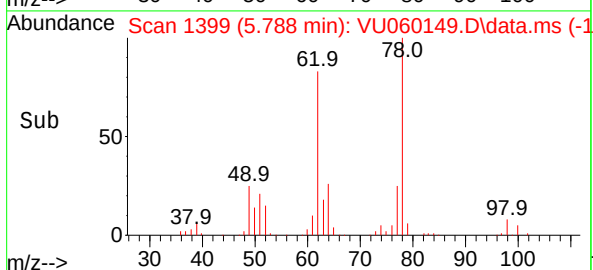
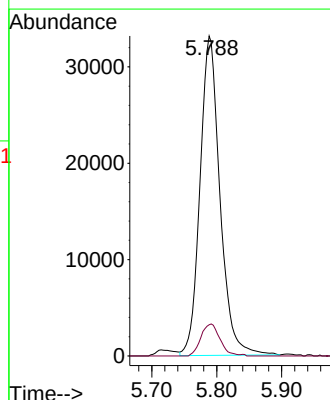
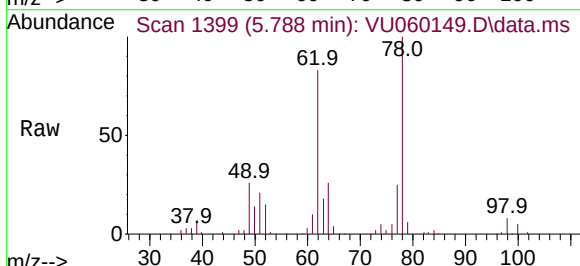
Acq: 24 Jul 2024 12:48

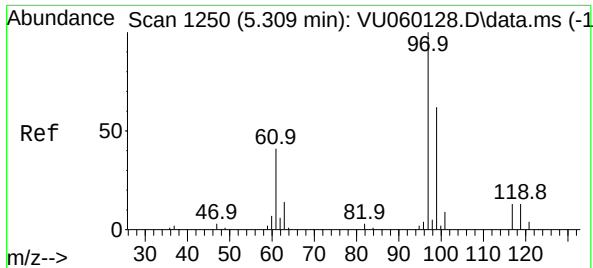
Tgt Ion: 62 Resp: 70999

Ion Ratio Lower Upper

62 100

98 9.8 7.9 11.9



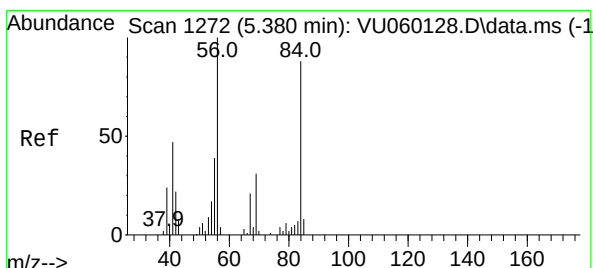
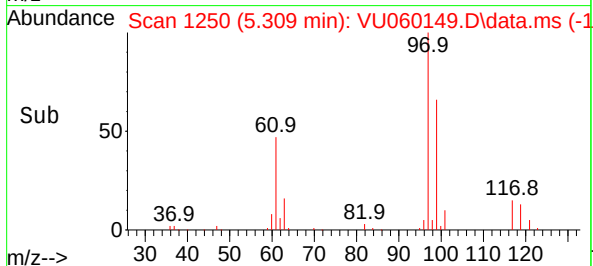
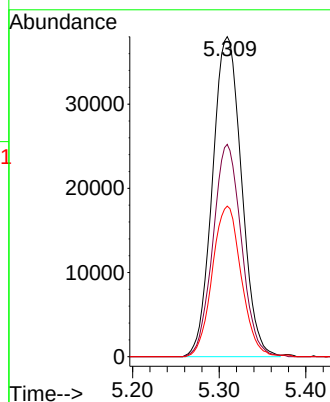
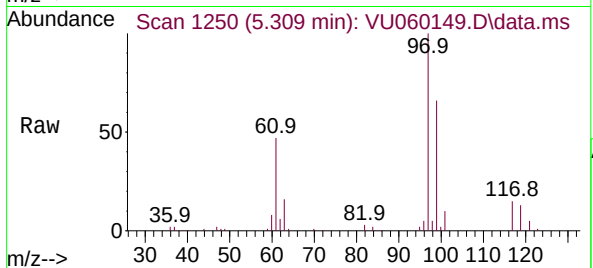


#29
1,1,1-Trichloroethane
Concen: 4.347 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 88704

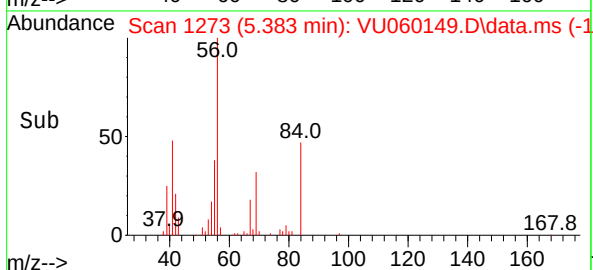
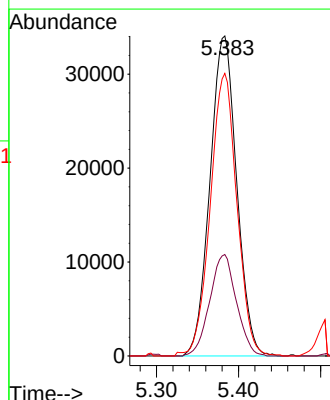
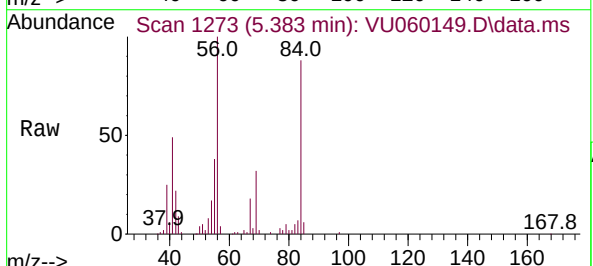
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.4
61	46.8	34.1	51.1

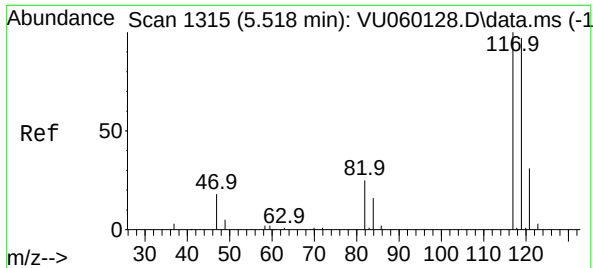


#30
Cyclohexane
Concen: 4.790 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Tgt Ion: 56 Resp: 77317

Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.6	39.8
84	87.9	77.2	115.8

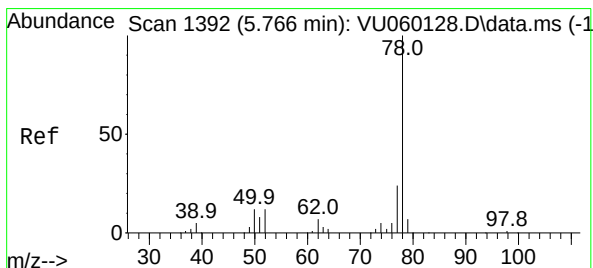
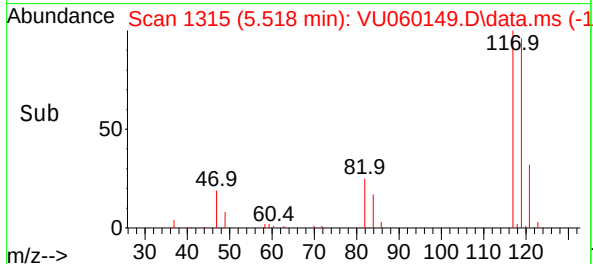
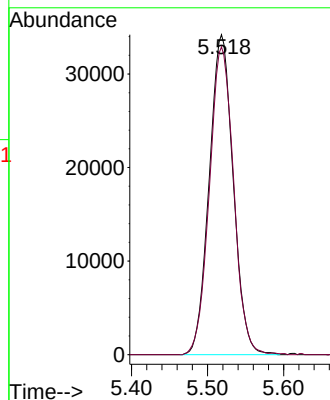
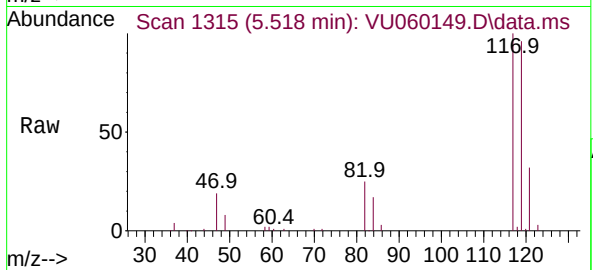




#31
Carbon tetrachloride
Concen: 4.253 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

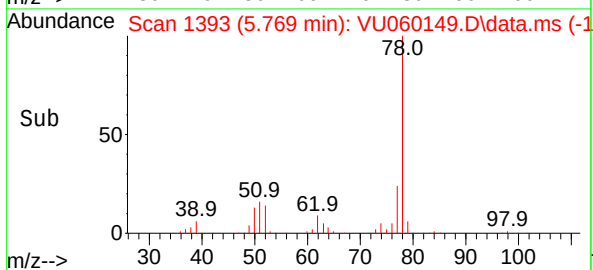
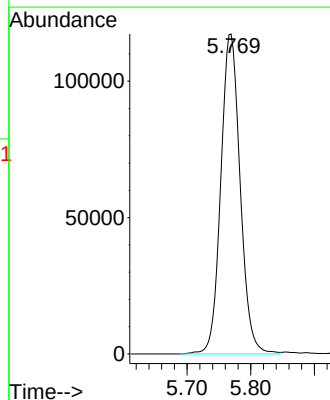
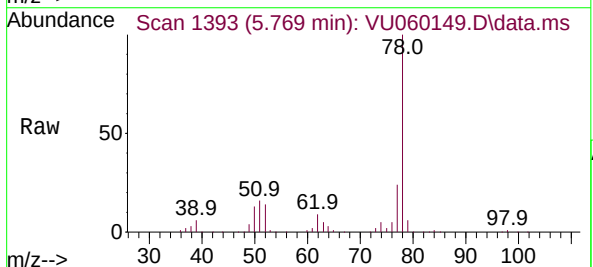
Instrument :
MSVOA_U
ClientSampleId :

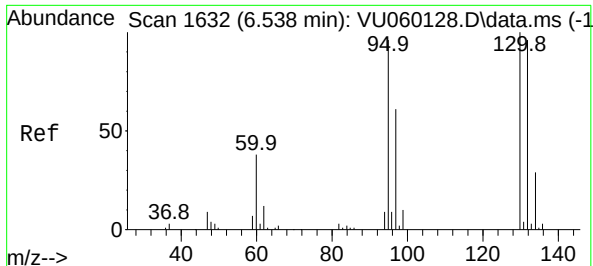
Tgt Ion:117 Resp: 74884
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4



#33
Benzene
Concen: 4.600 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

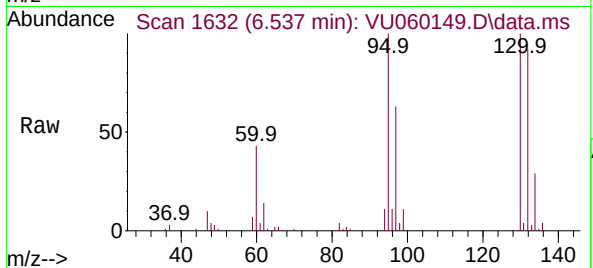
Tgt Ion: 78 Resp: 248276



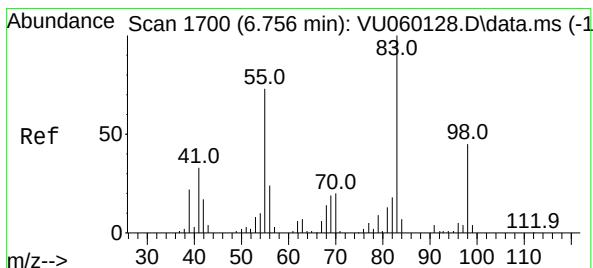
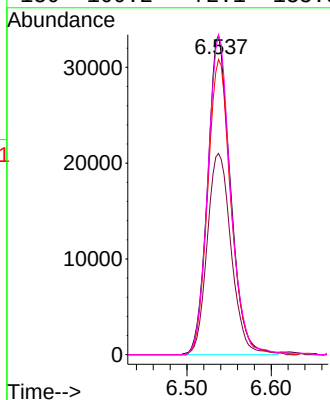
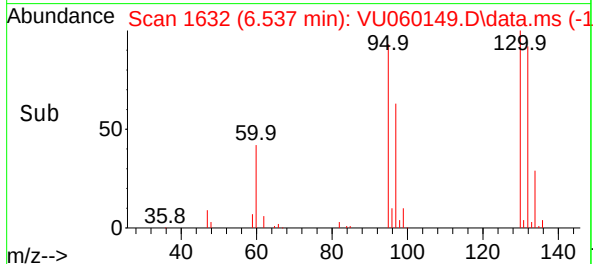


#34
Trichloroethene
Concen: 4.386 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

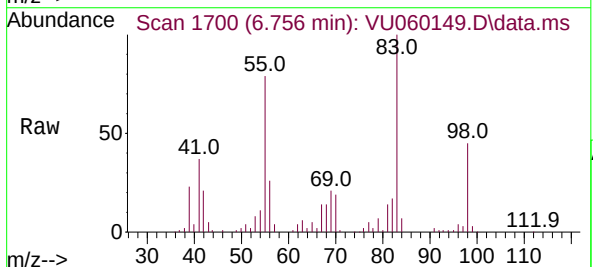
Instrument :
MSVOA_U
ClientSampleId :



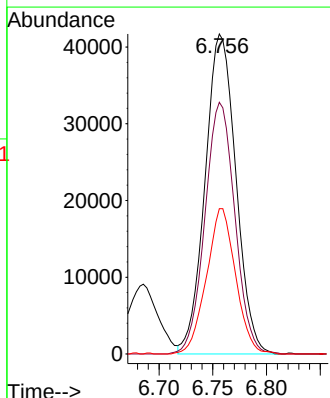
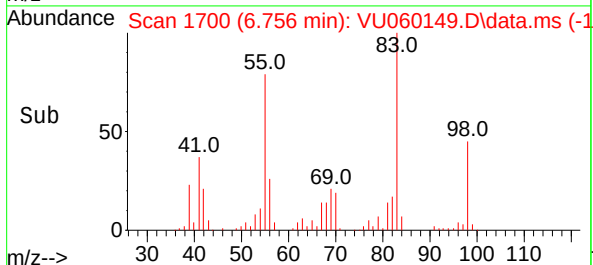
Tgt Ion: 95 Resp: 62781
Ion Ratio Lower Upper
95 100
97 63.0 45.9 85.3
132 92.4 71.4 132.6
130 100.2 72.1 133.9

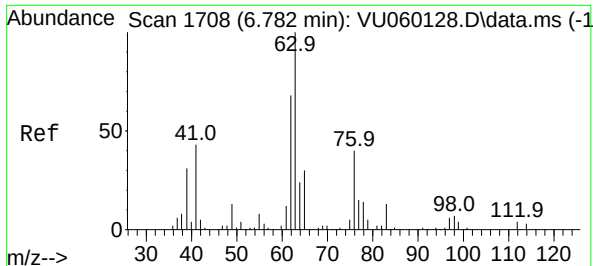


#35
Methylcyclohexane
Concen: 4.441 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48



Tgt Ion: 83 Resp: 83327
Ion Ratio Lower Upper
83 100
55 76.3 56.7 85.1
98 42.9 36.6 55.0

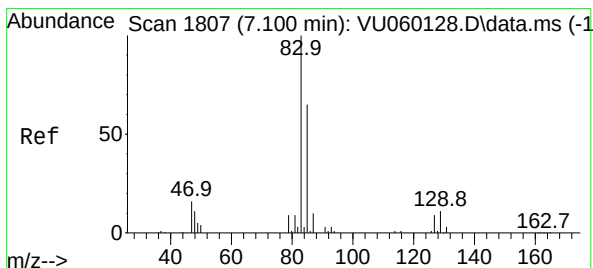
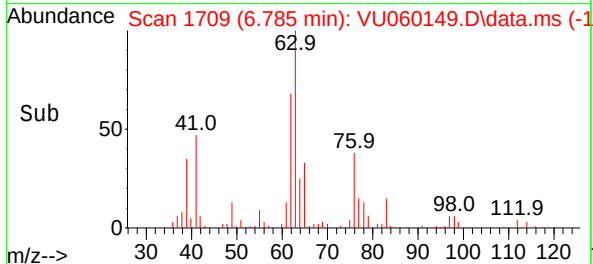
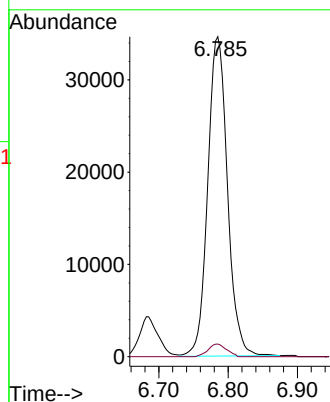
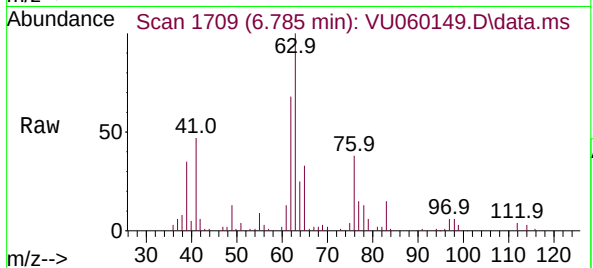




#37
1,2-Dichloropropane
Concen: 4.686 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

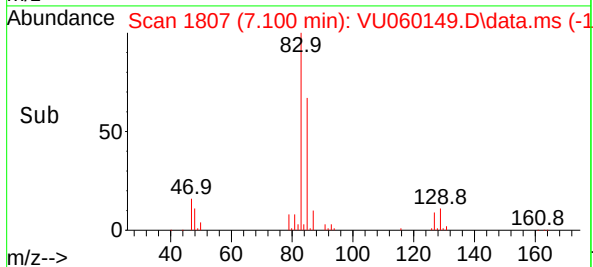
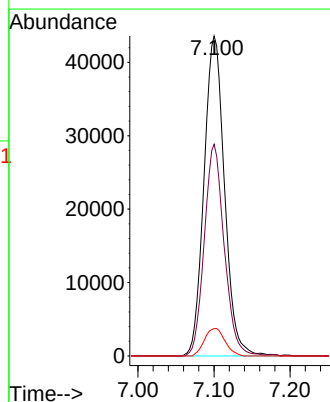
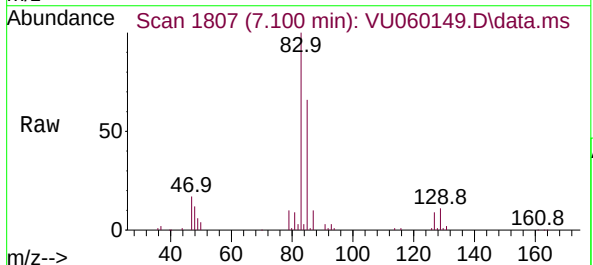
Instrument :
MSVOA_U
ClientSampleId :

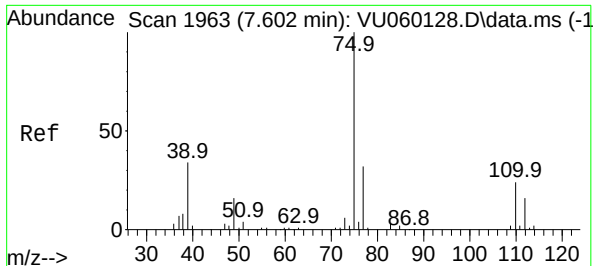
Tgt Ion: 63 Resp: 68335
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 4.476 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Tgt Ion: 83 Resp: 81774
Ion Ratio Lower Upper
83 100
85 66.1 43.5 80.7
127 8.5 7.1 10.7

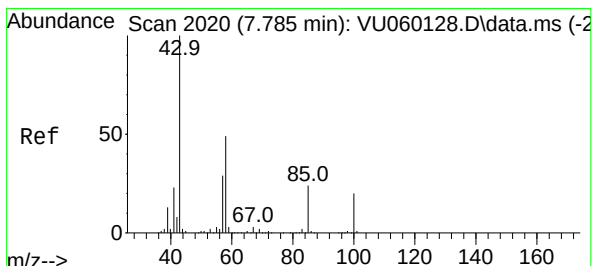
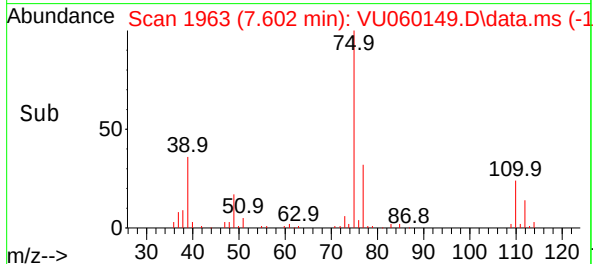
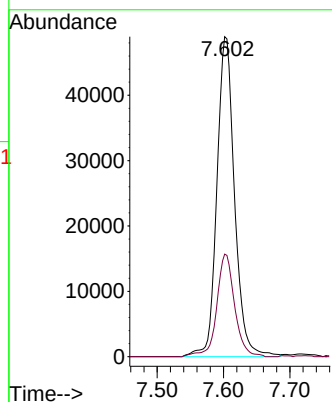
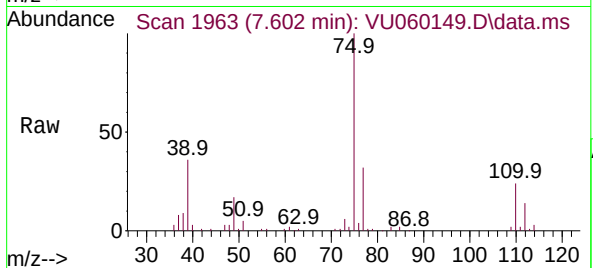




#39
 cis-1,3-Dichloropropene
 Concen: 4.757 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

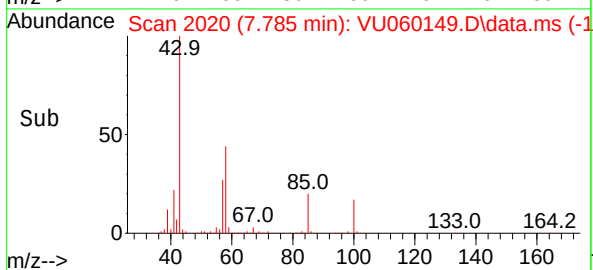
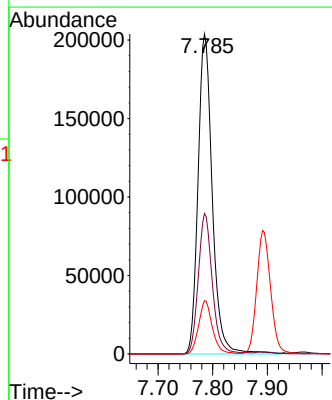
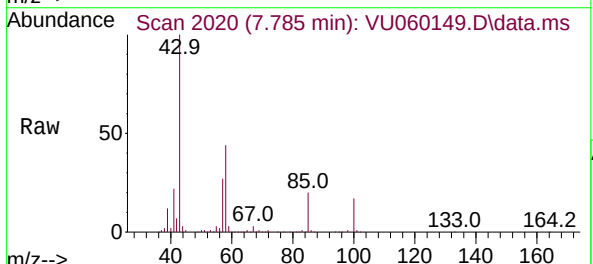
Instrument :
 MSVOA_U
 ClientSampleId :

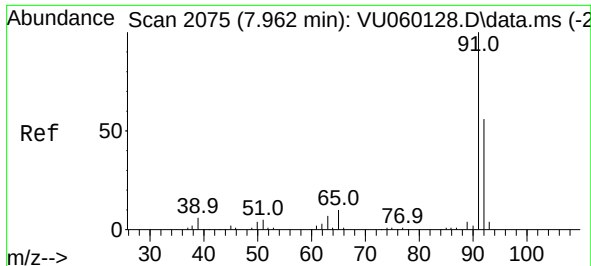
Tgt Ion: 75 Resp: 90644
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 57.126 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060149.D
 Acq: 24 Jul 2024 12:48

Tgt Ion: 43 Resp: 368599
 Ion Ratio Lower Upper
 43 100
 58 43.2 36.0 54.0
 100 16.1 14.9 22.3





#42

Toluene

Concen: 4.636 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

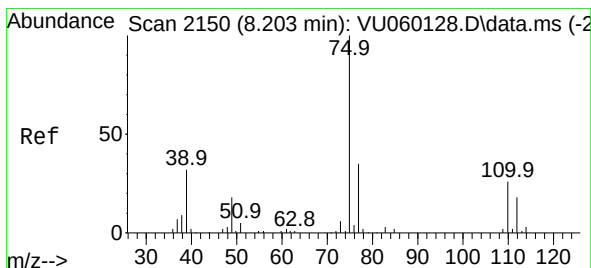
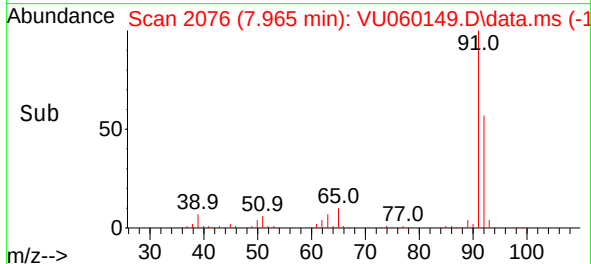
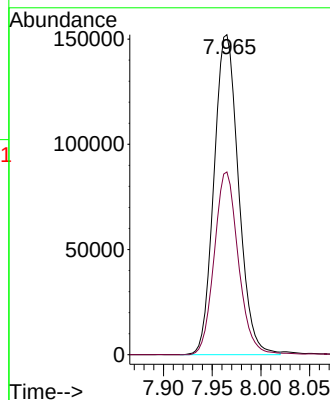
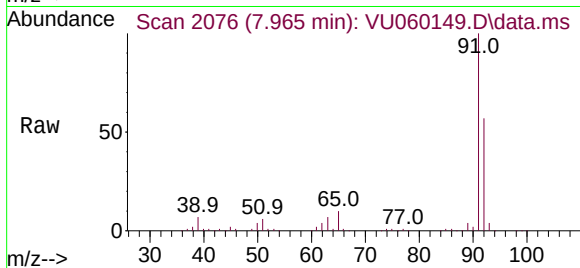
ClientSampleId :

Tgt Ion: 91 Resp: 266306

Ion Ratio Lower Upper

91 100

92 57.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.736 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060149.D

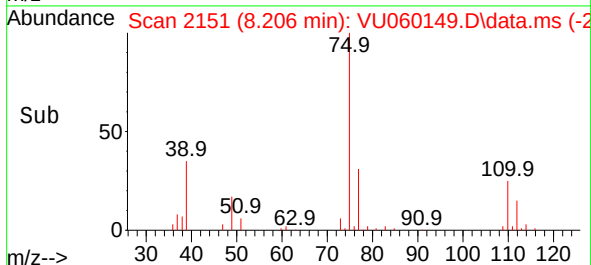
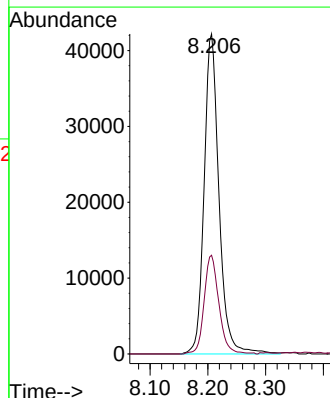
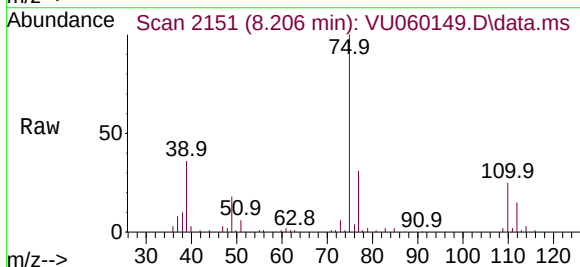
Acq: 24 Jul 2024 12:48

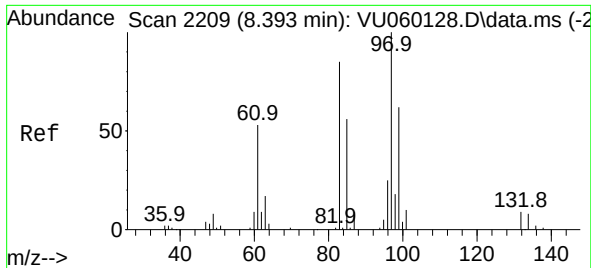
Tgt Ion: 75 Resp: 75380

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0

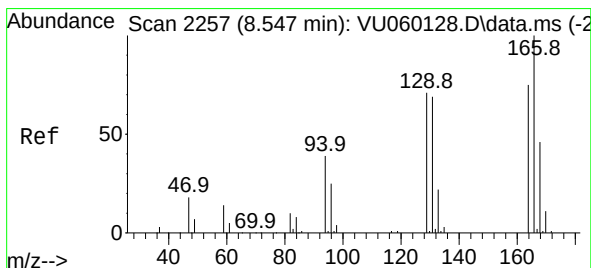
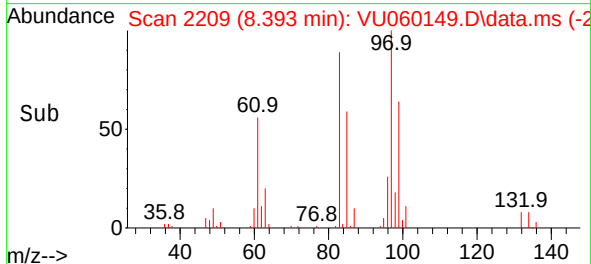
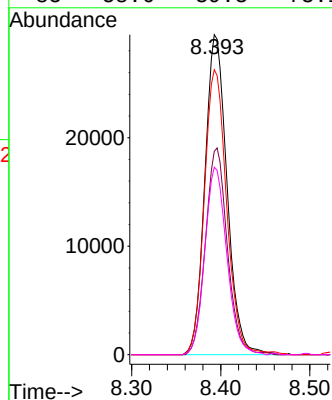
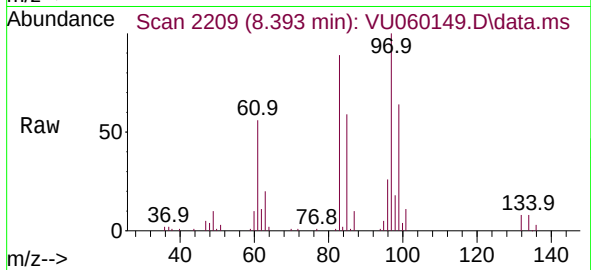




#45
1,1,2-Trichloroethane
Concen: 4.570 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

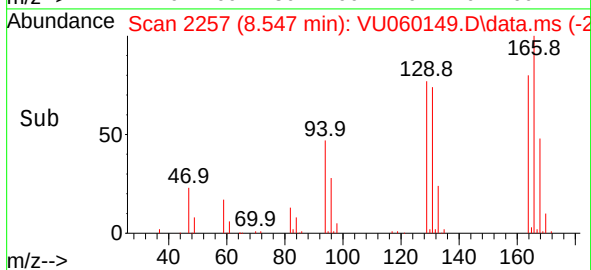
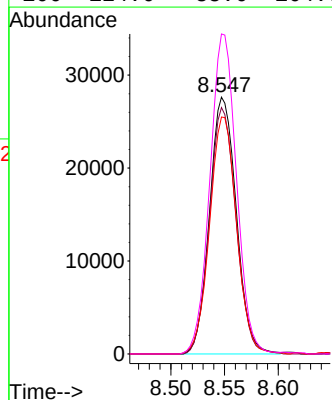
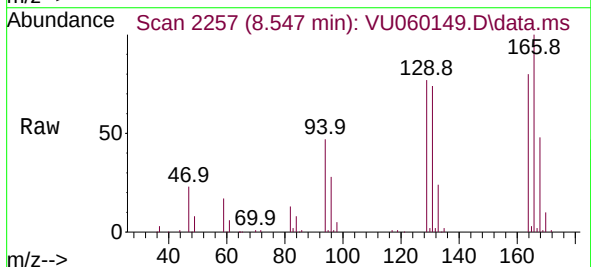
Instrument :
MSVOA_U
ClientSampleId :

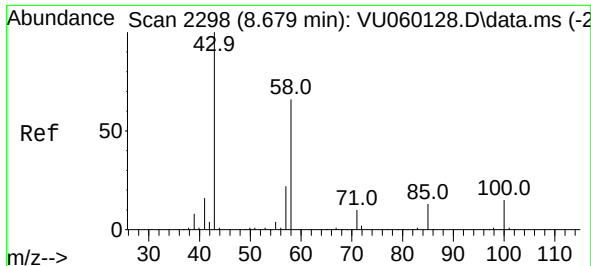
Tgt Ion: 97	Resp: 50924
Ion Ratio	Lower Upper
97 100	
99 63.5	43.8 81.4
83 89.1	62.1 115.3
85 58.6	39.3 73.1



#47
Tetrachloroethene
Concen: 4.044 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

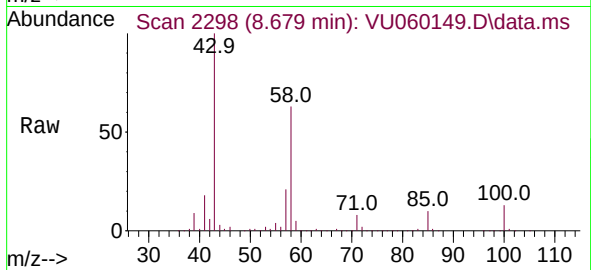
Tgt	Ion:164	Resp:	47868
Ion	Ratio	Lower	Upper
164	100		
129	95.9	64.6	120.0
131	92.3	61.2	113.8
166	124.6	88.6	164.6



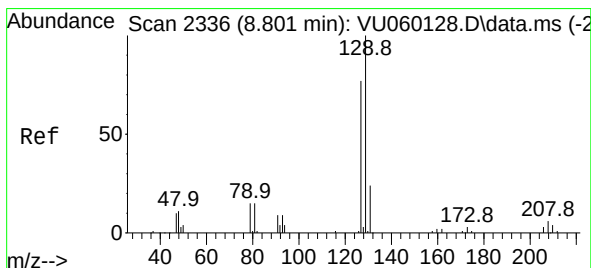
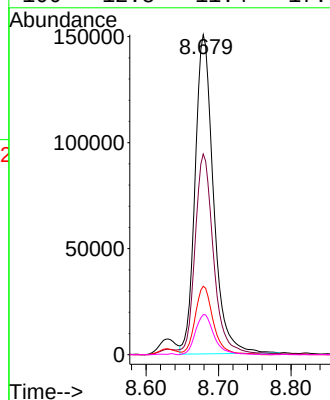
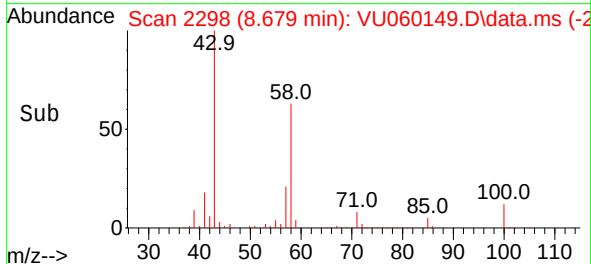


#48
2-Hexanone
Concen: 56.279 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

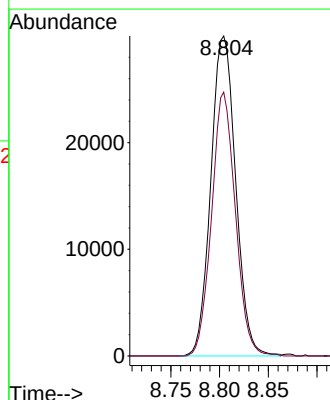
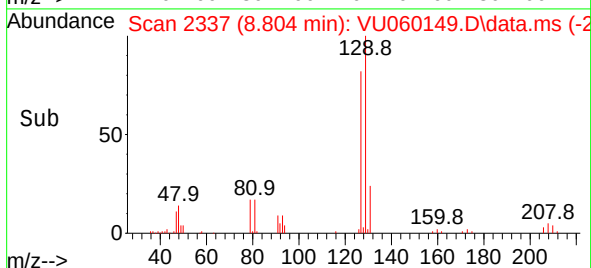
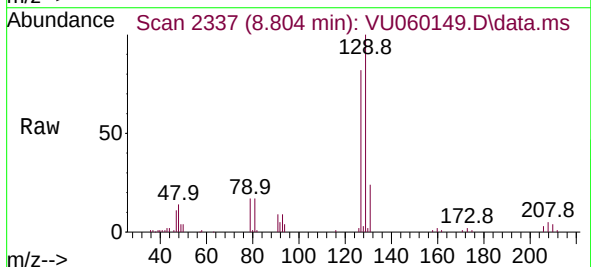


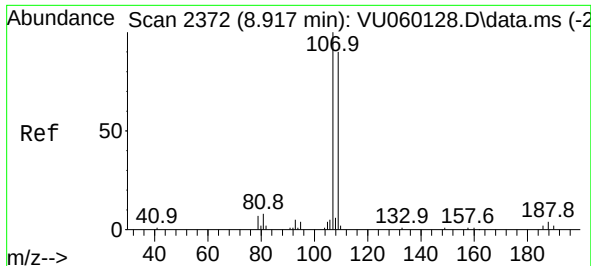
Tgt Ion: 43 Resp: 265884
Ion Ratio Lower Upper
43 100
58 62.0 52.6 78.8
57 21.3 17.8 26.8
100 12.8 11.4 17.0



#49
Dibromochloromethane
Concen: 4.322 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Tgt Ion: 129 Resp: 53274
Ion Ratio Lower Upper
129 100
127 82.4 54.6 101.4





#50

1,2-Dibromoethane

Concen: 4.574 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU060149.D

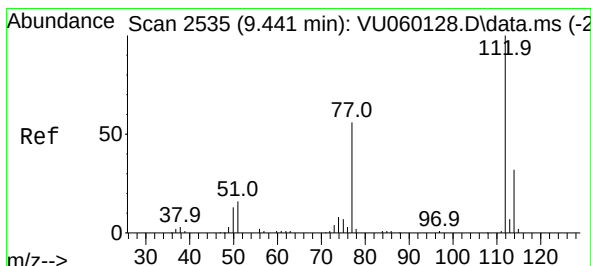
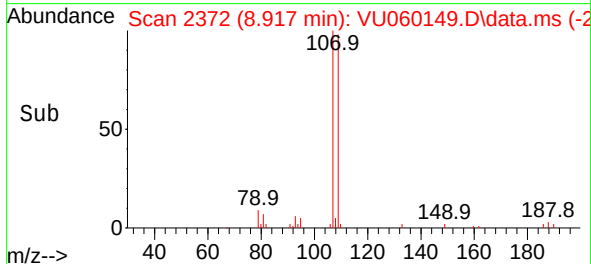
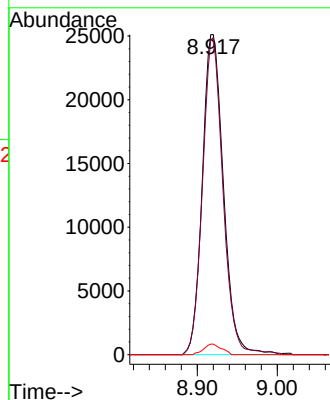
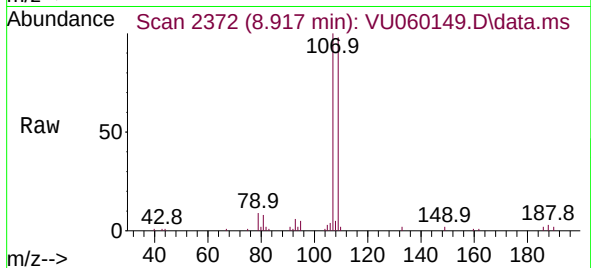
Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	46076
Ion Ratio	Lower	Upper
107	100	
109	98.3	64.0 118.8
188	3.3	3.0 4.6



#51

Chlorobenzene

Concen: 4.404 ug/L

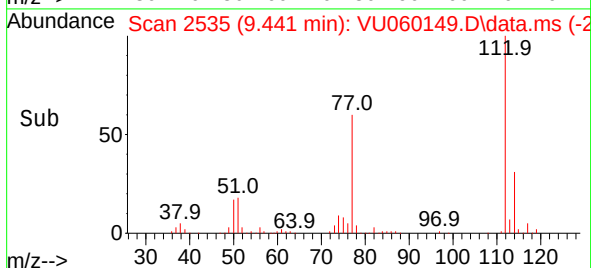
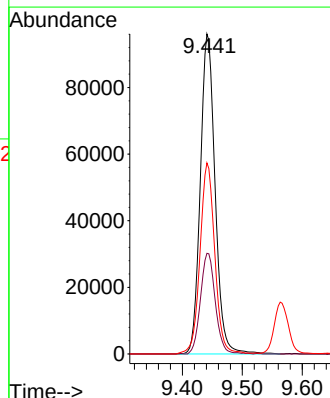
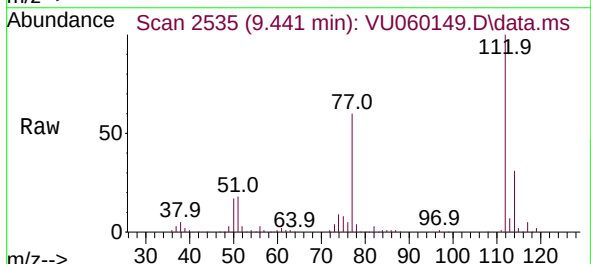
RT: 9.441 min Scan# 2535

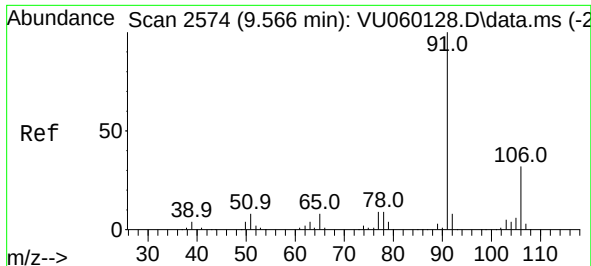
Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Tgt Ion:112	Resp:	165271
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.1 41.1
77	59.7	44.7 67.1





#52

Ethylbenzene

Concen: 4.685 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

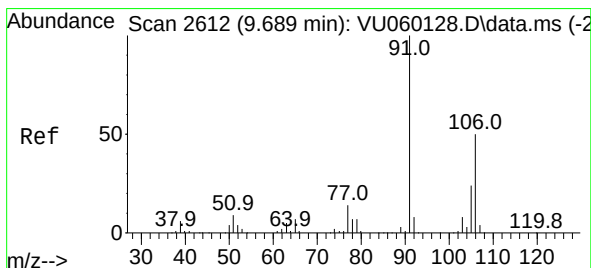
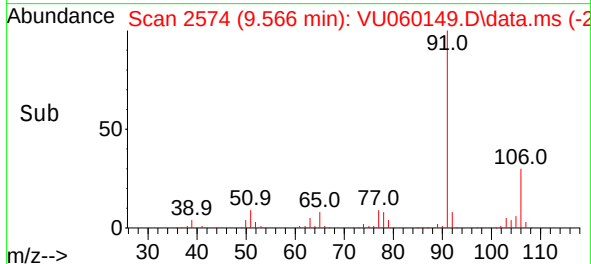
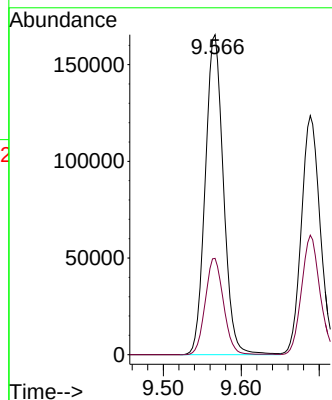
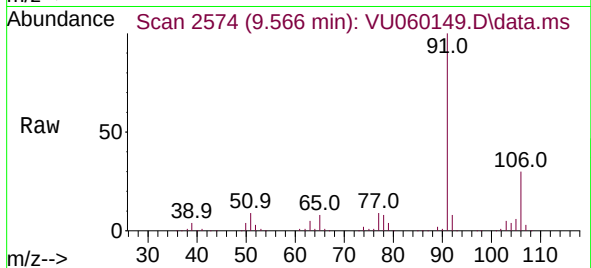
ClientSampleId :

Tgt Ion: 91 Resp: 268353

Ion Ratio Lower Upper

91 100

106 30.1 21.9 40.7



#53

m,p-Xylene

Concen: 4.616 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060149.D

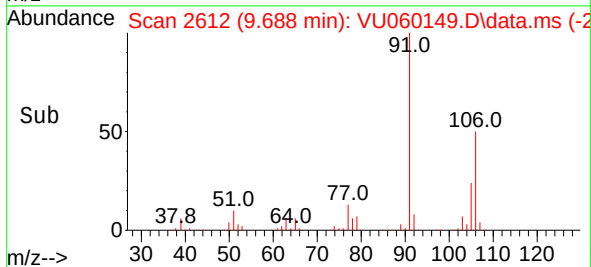
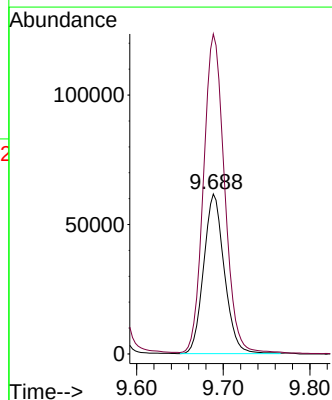
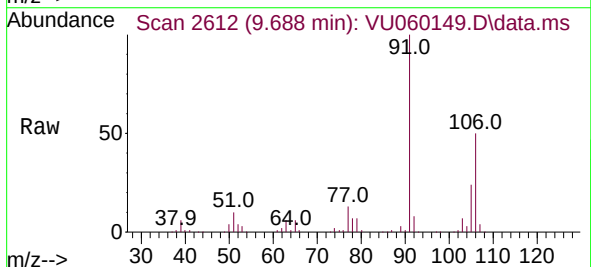
Acq: 24 Jul 2024 12:48

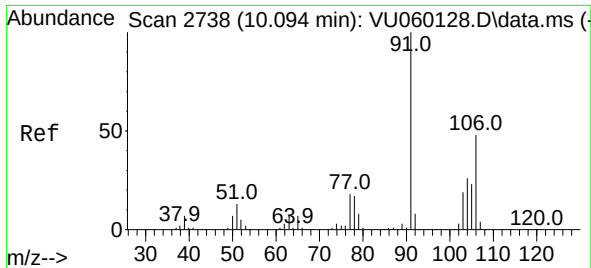
Tgt Ion:106 Resp: 102144

Ion Ratio Lower Upper

106 100

91 199.9 141.3 262.5

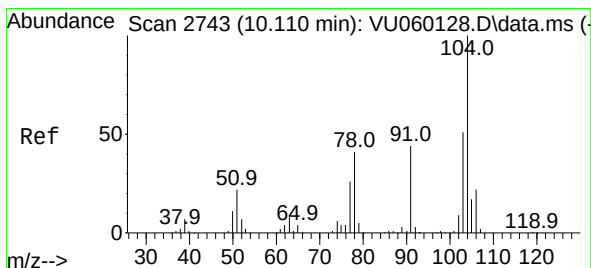
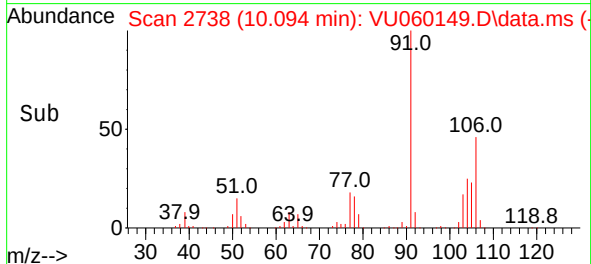
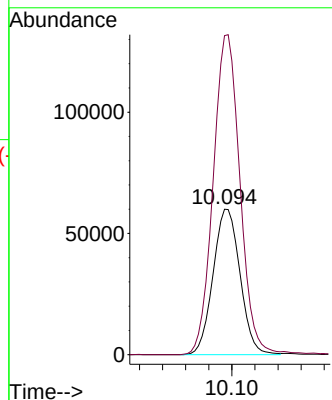
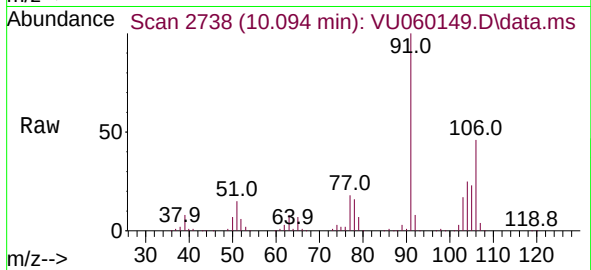




#54
o-Xylene
Concen: 4.598 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

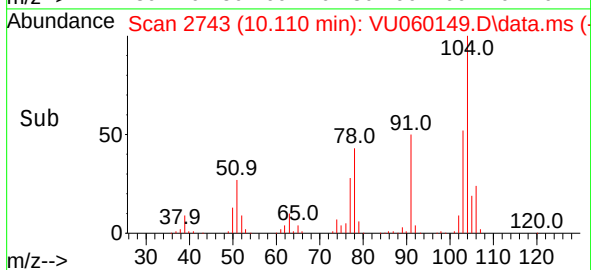
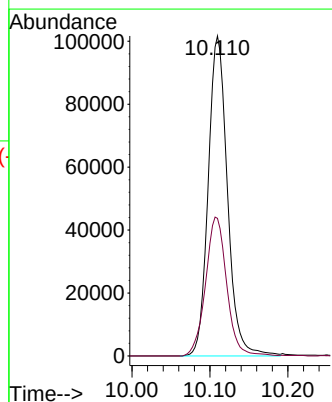
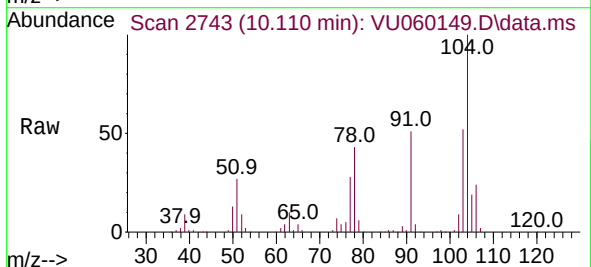
Instrument :
MSVOA_U
ClientSampleId :

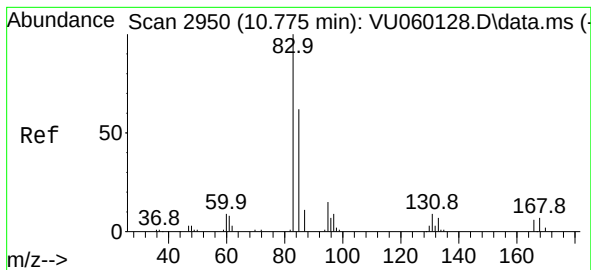
Tgt Ion:106 Resp: 97316
Ion Ratio Lower Upper
106 100
91 219.3 143.6 266.6



#55
Styrene
Concen: 4.837 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Tgt Ion:104 Resp: 174229
Ion Ratio Lower Upper
104 100
78 43.0 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.684 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

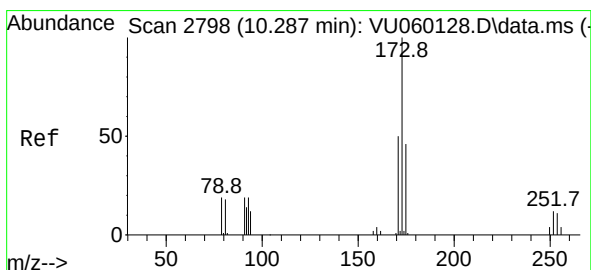
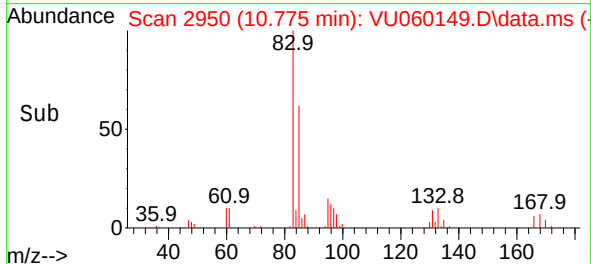
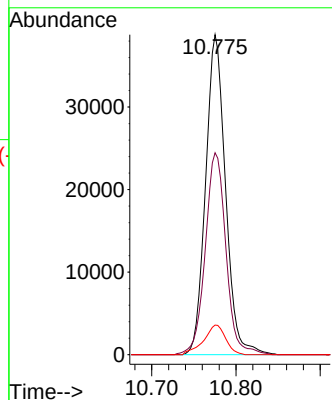
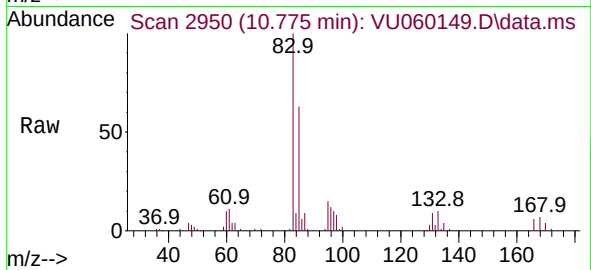
Tgt Ion: 83 Resp: 63851

Ion Ratio Lower Upper

83 100

85 63.1 46.8 87.0

131 9.2 7.8 11.6



#59

Bromoform

Concen: 4.459 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

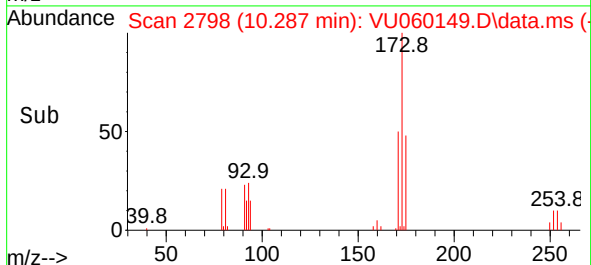
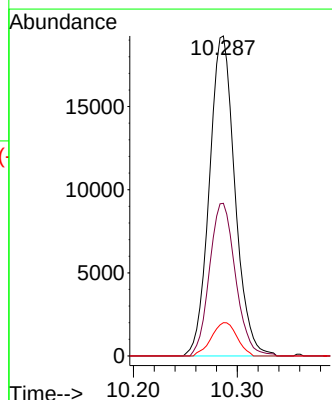
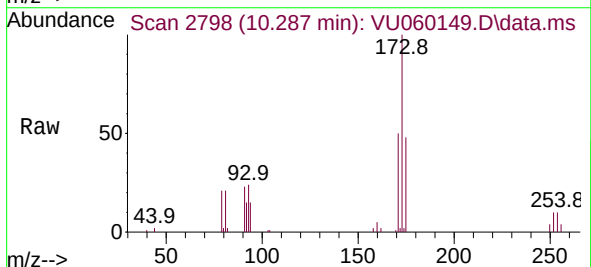
Tgt Ion:173 Resp: 32818

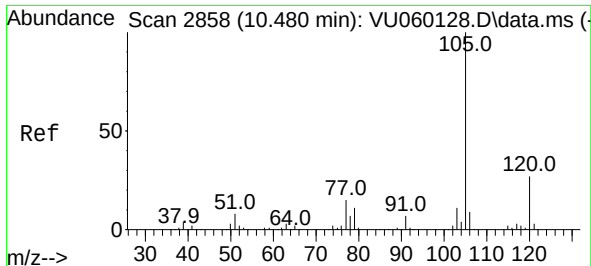
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 10.4 9.0 13.4

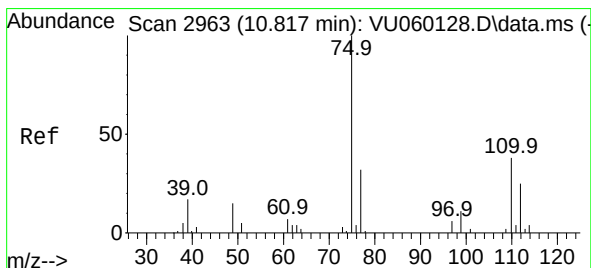
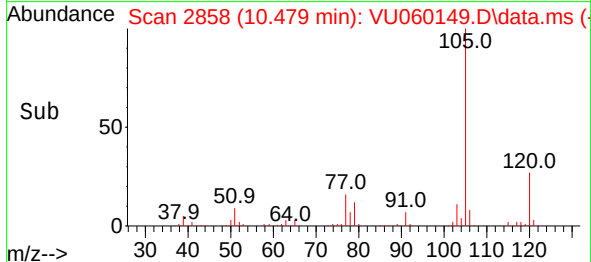
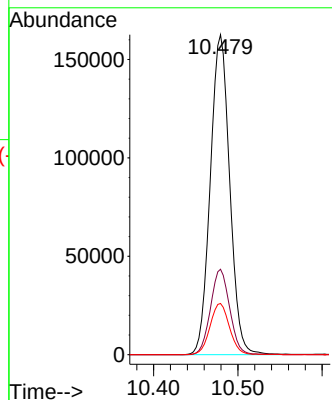
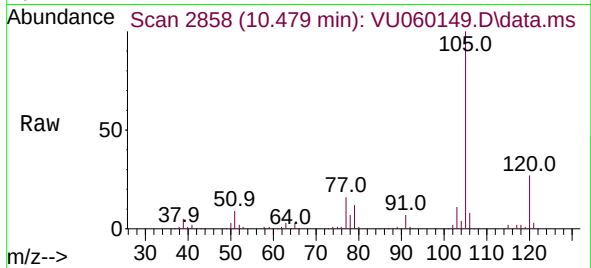




#60
Isopropylbenzene
Concen: 4.907 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

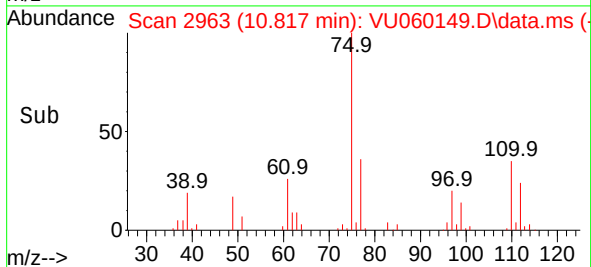
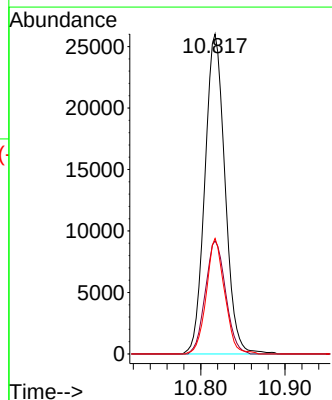
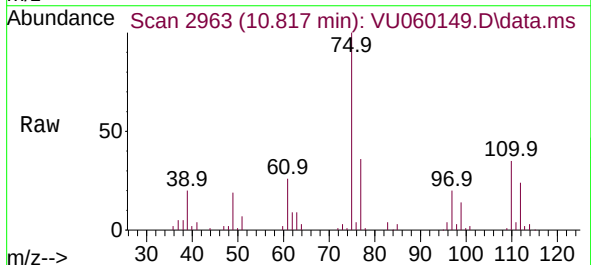
Instrument :
MSVOA_U
ClientSampleId :

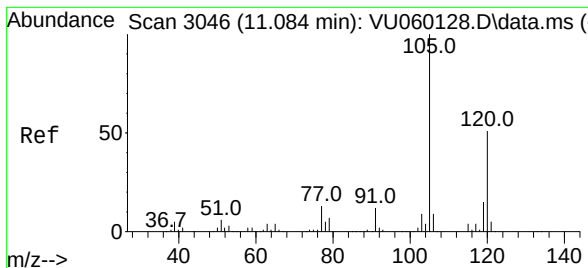
Tgt Ion:105 Resp: 259938
Ion Ratio Lower Upper
105 100
120 26.5 21.9 32.9
77 16.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.069 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU060149.D
Acq: 24 Jul 2024 12:48

Tgt Ion: 75 Resp: 43278
Ion Ratio Lower Upper
75 100
110 35.6 30.8 46.2
77 32.9 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.925 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

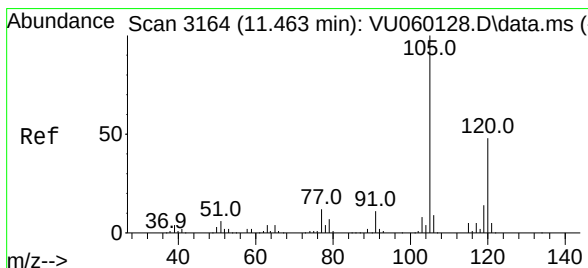
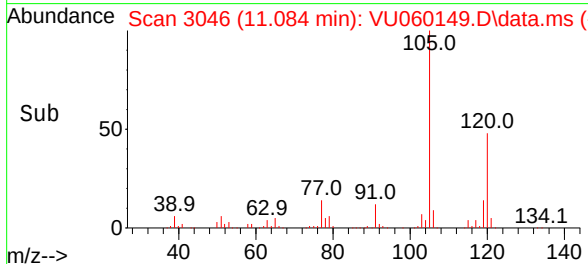
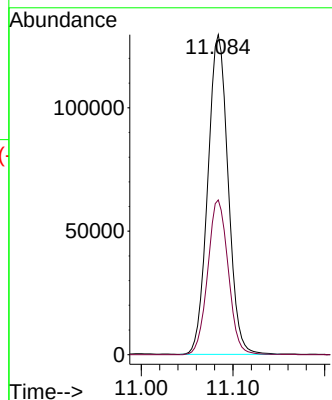
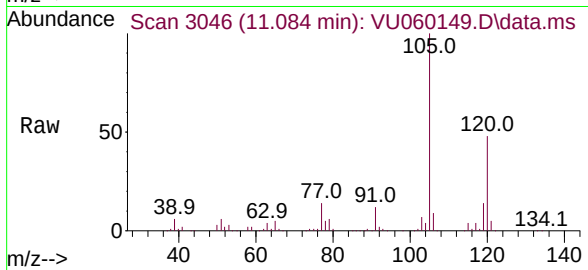
ClientSampleId :

Tgt Ion:105 Resp: 199297

Ion Ratio Lower Upper

105 100

120 48.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.965 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060149.D

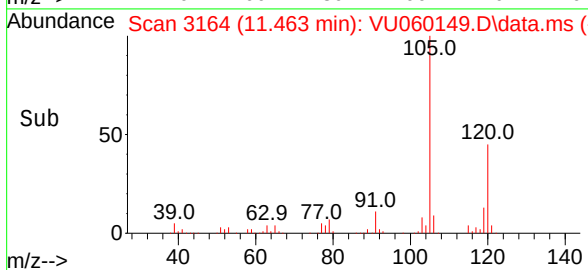
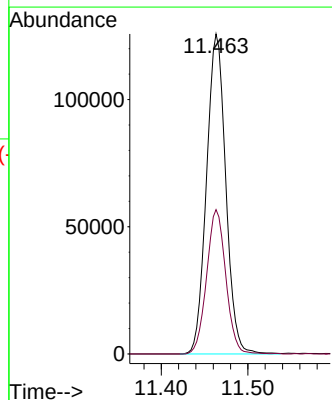
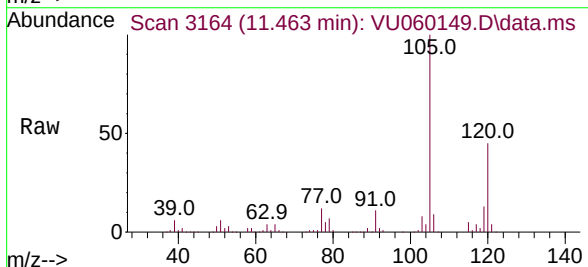
Acq: 24 Jul 2024 12:48

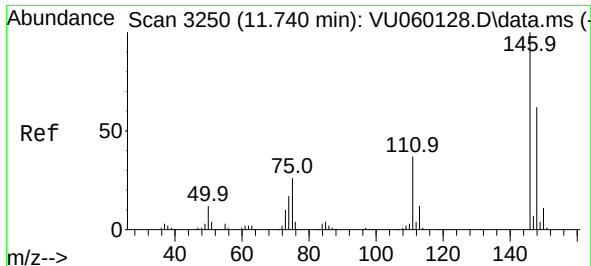
Tgt Ion:105 Resp: 194135

Ion Ratio Lower Upper

105 100

120 44.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.528 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

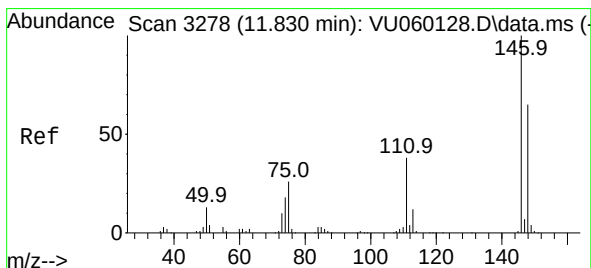
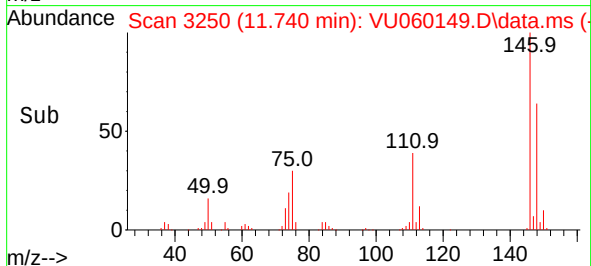
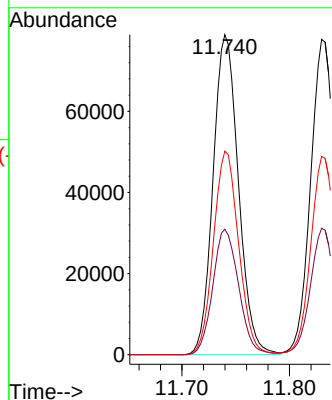
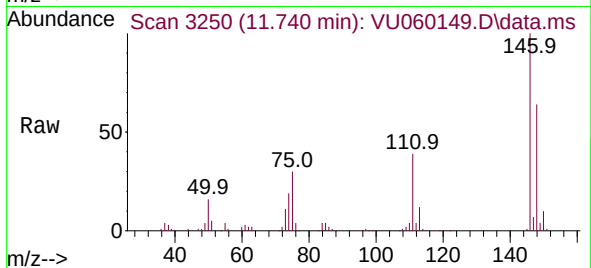
Tgt Ion:146 Resp: 129056

Ion Ratio Lower Upper

146 100

111 39.2 27.2 50.4

148 63.6 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.401 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

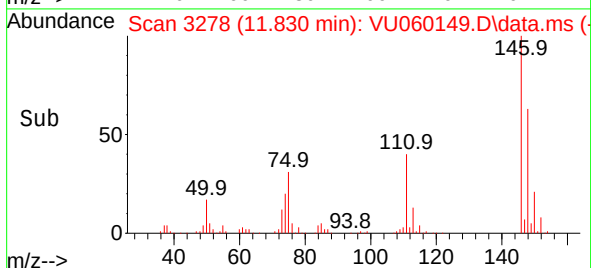
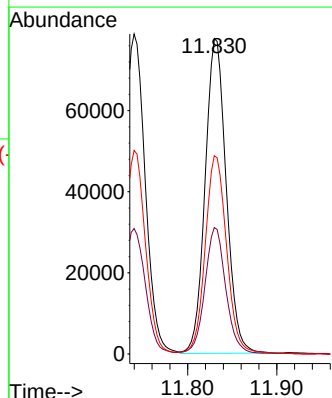
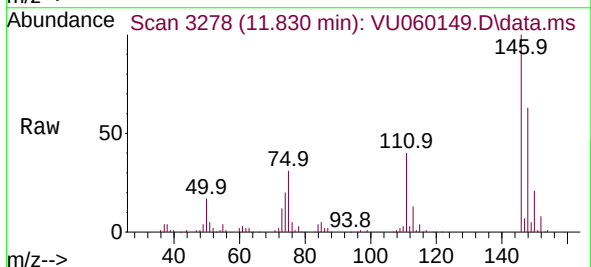
Tgt Ion:146 Resp: 127681

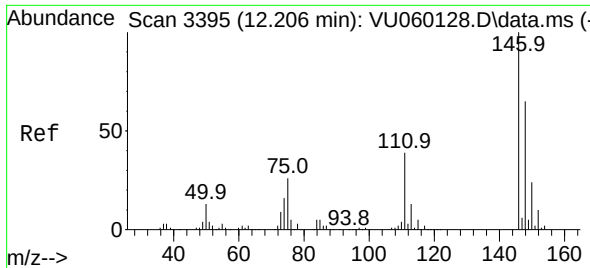
Ion Ratio Lower Upper

146 100

111 40.1 26.5 49.1

148 62.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.524 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

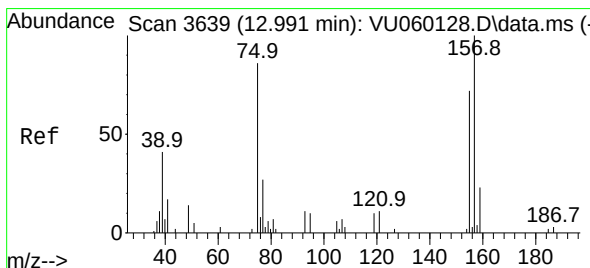
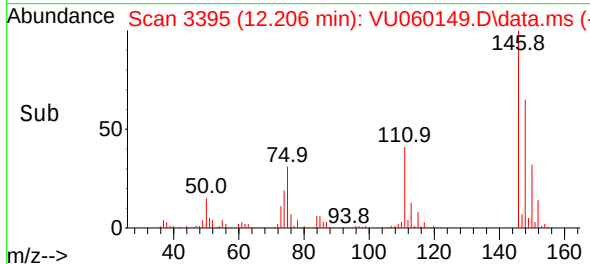
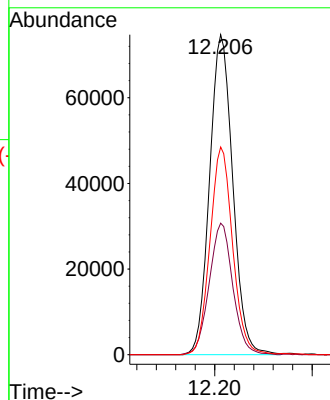
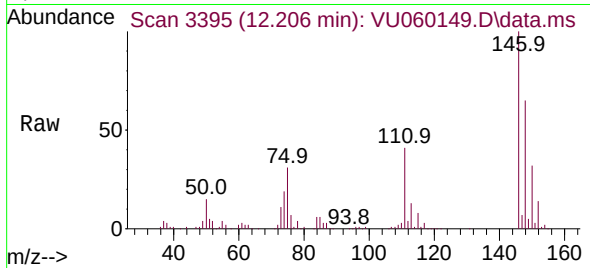
Tgt Ion:146 Resp: 123401

Ion Ratio Lower Upper

146 100

111 41.1 30.9 46.3

148 64.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.457 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

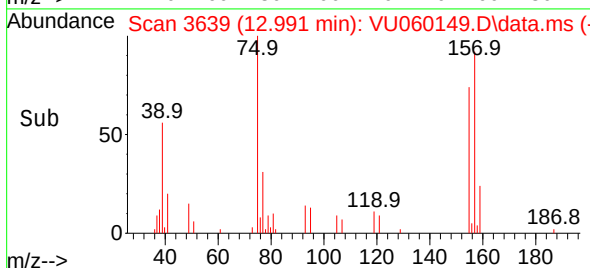
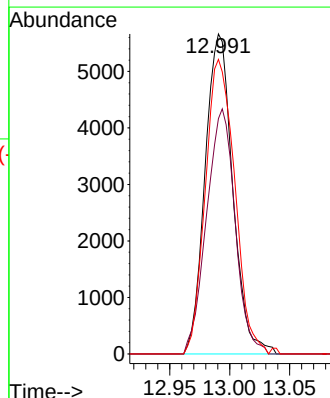
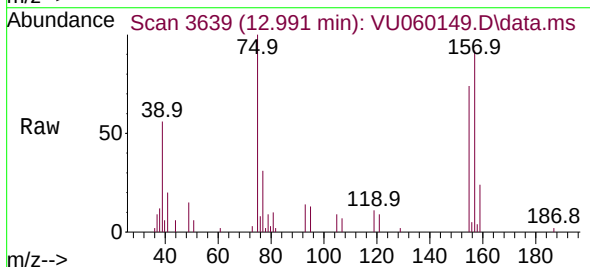
Tgt Ion: 75 Resp: 9081

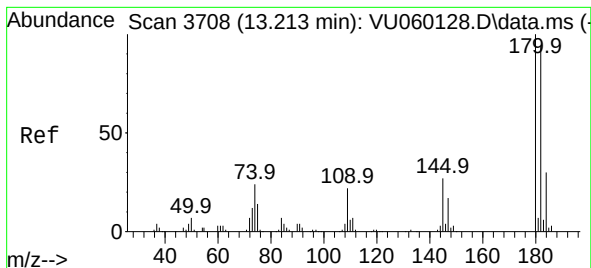
Ion Ratio Lower Upper

75 100

155 73.5 70.6 105.8

157 92.0 99.4 149.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.205 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 90447

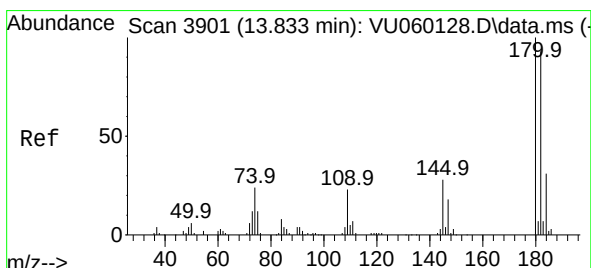
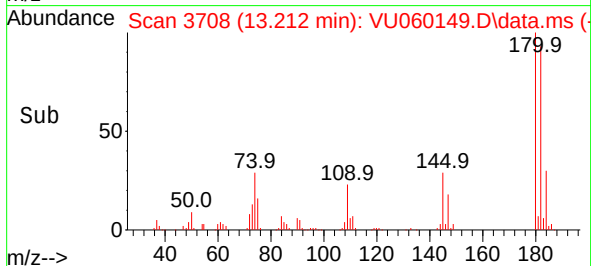
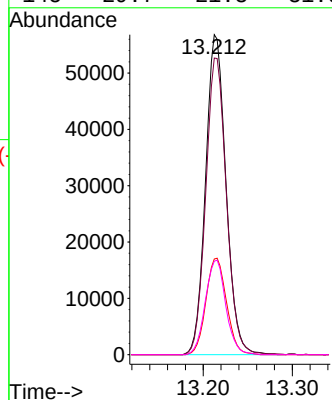
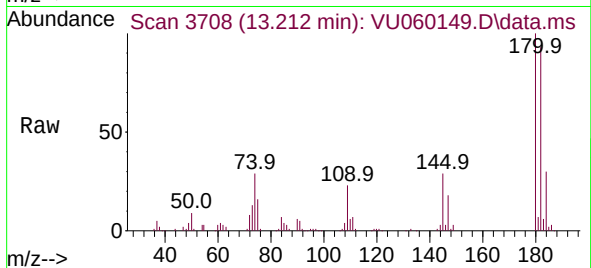
Ion Ratio Lower Upper

180 100

182 93.9 74.6 111.8

184 30.4 23.1 34.7

145 29.7 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.270 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

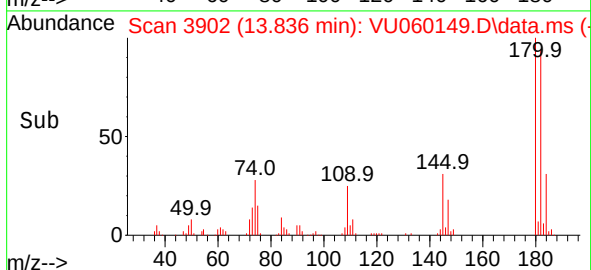
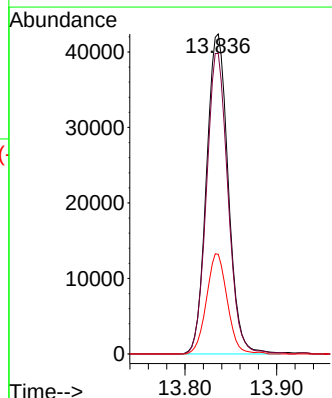
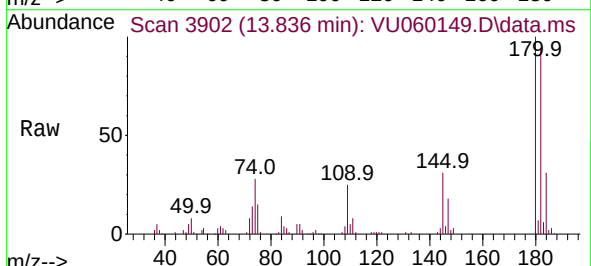
Tgt Ion:180 Resp: 69900

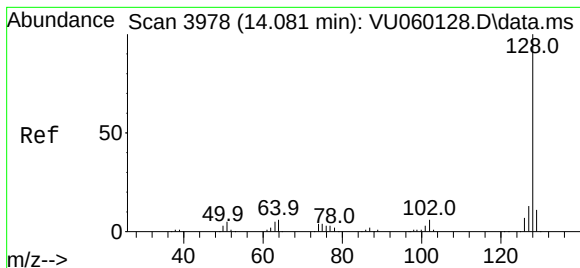
Ion Ratio Lower Upper

180 100

182 92.9 77.2 115.8

145 29.8 23.0 34.4





#71

Naphthalene

Concen: 4.428 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

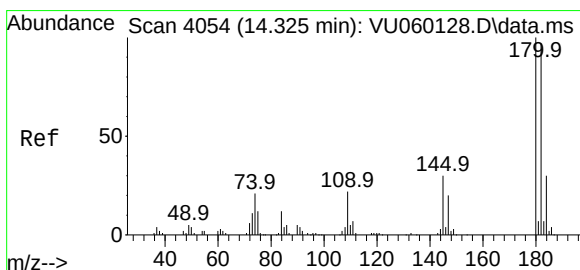
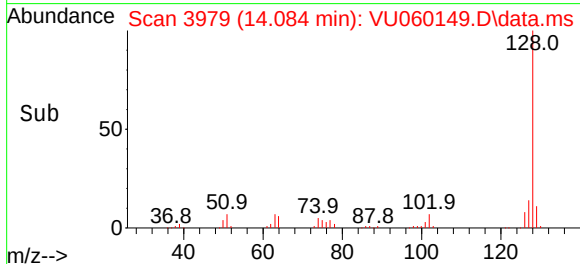
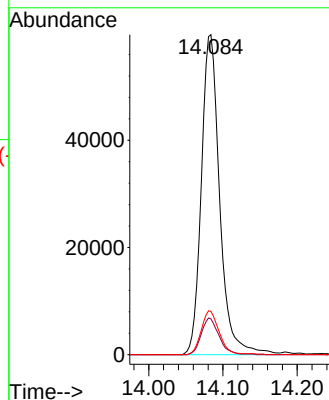
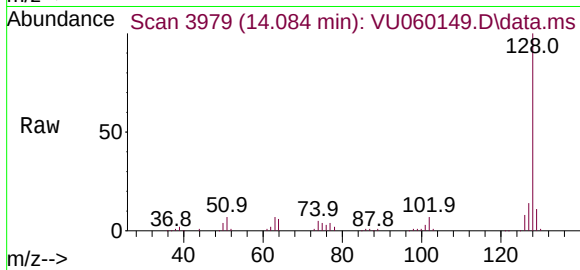
Tgt Ion:128 Resp: 102716

Ion Ratio Lower Upper

128 100

129 11.0 8.2 12.4

127 13.3 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.378 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060149.D

Acq: 24 Jul 2024 12:48

Tgt Ion:180 Resp: 64453

Ion Ratio Lower Upper

180 100

182 94.1 76.3 114.5

145 31.1 23.9 35.9

