

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057731.D
 Acq On : 30 Jan 2024 09:19
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19627	5.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%
7) Chloroethane-d5	1.914	69	16232	5.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.563	65	8822	5.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	4.634	46	38287	57.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.160%
24) Chloroform-d	5.055	84	38904	5.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	5.695	65	18793	5.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.721	84	76798	5.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
36) 1,2-Dichloropropane-d6	6.685	67	22668	5.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.894	98	70378	5.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	8.177	79	8530	5.186	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.631	63	30897	58.870	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15698	5.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	21326	5.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	23041	4.251	ug/L	98
3) Chloromethane	1.518	50	23251	4.287	ug/L	99
5) Vinyl chloride	1.602	62	24998	4.330	ug/L	100
6) Bromomethane	1.856	94	13124	4.360	ug/L	96
8) Chloroethane	1.933	64	15745	4.554	ug/L	97
9) Trichlorofluoromethane	2.136	101	40107	4.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	22665	4.534	ug/L	98
12) 1,1-Dichloroethene	2.576	96	20336	4.374	ug/L	92
13) Acetone	2.650	43	27112	42.909	ug/L	98
14) Carbon disulfide	2.788	76	63599	4.219	ug/L	99
15) Methyl Acetate	2.956	43	6693	4.117	ug/L	94
16) Methylene chloride	3.039	84	21827	4.374	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	48508	4.388	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	21181	4.325	ug/L	99
19) 1,1-Dichloroethane	3.862	63	41418	4.580	ug/L	97
21) 2-Butanone	4.714	43	41453	41.826	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	24379	4.631	ug/L	98
23) Bromochloromethane	4.968	128	9570	4.525	ug/L	96
25) Chloroform	5.081	83	43284	4.511	ug/L	97

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

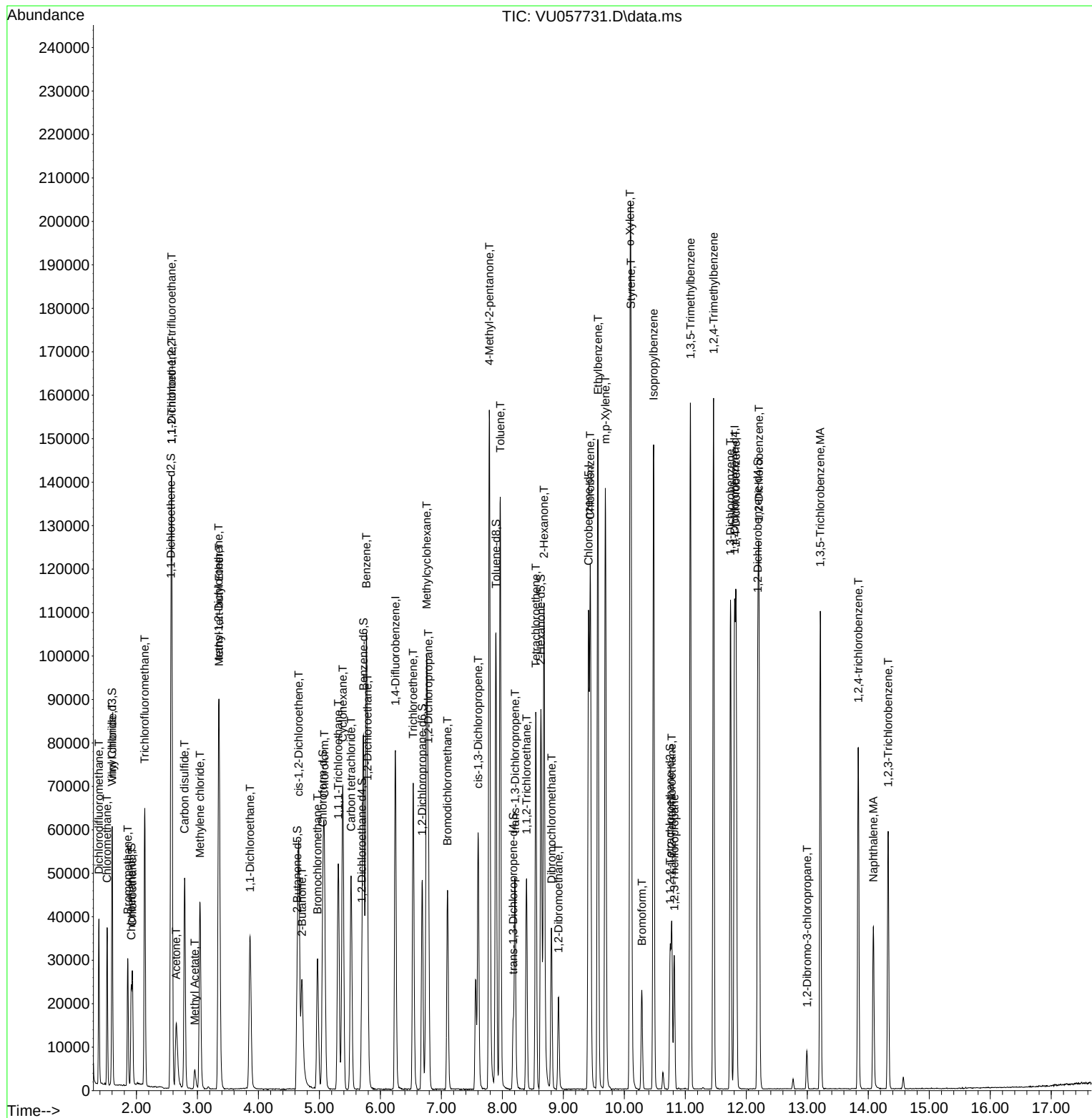
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	26119	4.673	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	38330	4.476	ug/L	99
30) Cyclohexane	5.383	56	36496	4.418	ug/L	98
31) Carbon tetrachloride	5.518	117	33573	4.444	ug/L	100
33) Benzene	5.769	78	91466	4.571	ug/L	100
34) Trichloroethene	6.537	95	24884	4.511	ug/L	95
35) Methylcyclohexane	6.759	83	39910	4.479	ug/L	97
37) 1,2-Dichloropropane	6.785	63	23177	4.630	ug/L	99
38) Bromodichloromethane	7.100	83	29854	4.432	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	34640	4.453	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	105027	43.969	ug/L	99
42) Toluene	7.965	91	97940	4.540	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	28343	4.483	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	15036	4.618	ug/L	98
47) Tetrachloroethene	8.547	164	17688	4.364	ug/L	98
48) 2-Hexanone	8.682	43	73473	43.836	ug/L	97
49) Dibromochloromethane	8.804	129	18520	4.393	ug/L	98
50) 1,2-Dibromoethane	8.920	107	13941	4.412	ug/L	96
51) Chlorobenzene	9.441	112	60447	4.467	ug/L	100
52) Ethylbenzene	9.566	91	109812	4.517	ug/L	99
53) m,p-Xylene	9.688	106	39474	4.401	ug/L	98
54) o-Xylene	10.094	106	39074	4.469	ug/L	100
55) Styrene	10.110	104	58489	4.372	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	18395	4.657	ug/L	99
59) Bromoform	10.287	173	9783	4.526	ug/L	97
60) Isopropylbenzene	10.479	105	95682	4.589	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12711	4.759	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	85248	4.588	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	86303	4.641	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	43304	4.550	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	40473	4.443	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	39613	4.665	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	2406	4.786	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	31791	4.551	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	23219	4.537	ug/L	99
71) Naphthalene	14.084	128	31808	4.391	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	17784	4.465	ug/L	97

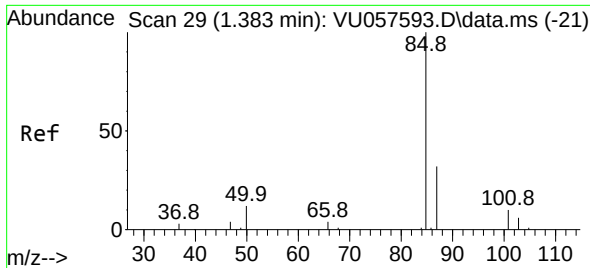
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU057731.D
Acq On : 30 Jan 2024 09:19
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 30 22:29:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 00:30:52 2024
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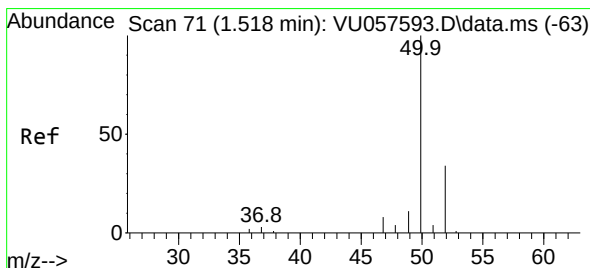
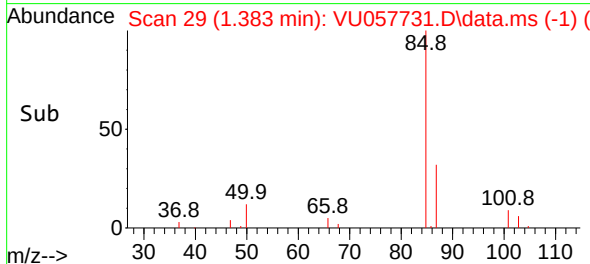
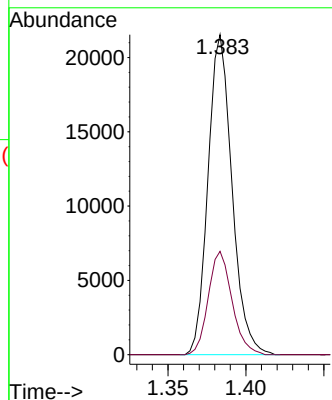
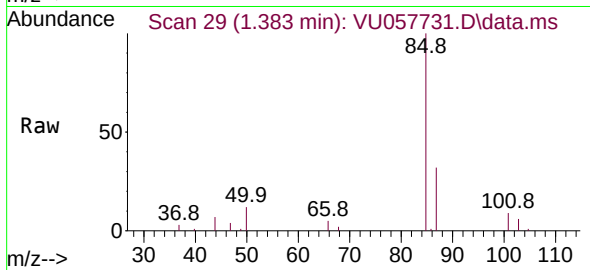




#2
Dichlorodifluoromethane
Concen: 4.251 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

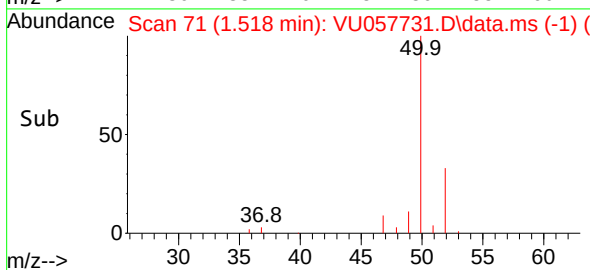
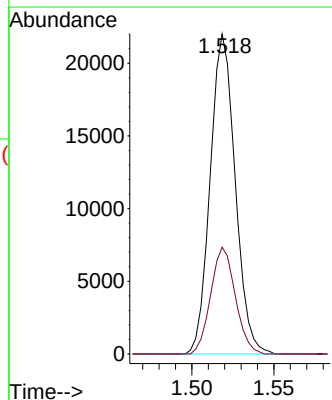
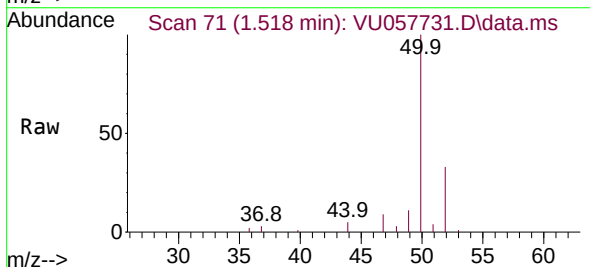
Instrument :
MSVOA_U
ClientSampleId :

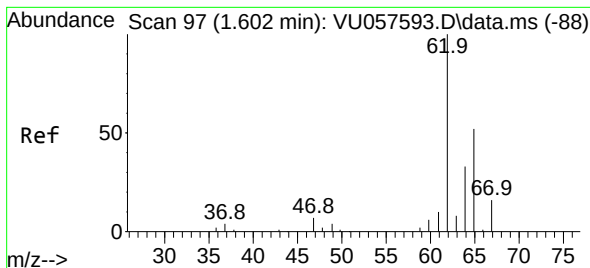
Tgt Ion: 85 Resp: 23041
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6



#3
Chloromethane
Concen: 4.287 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 50 Resp: 23251
Ion Ratio Lower Upper
50 100
52 33.3 23.7 43.9





#5

Vinyl chloride

Concen: 4.330 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

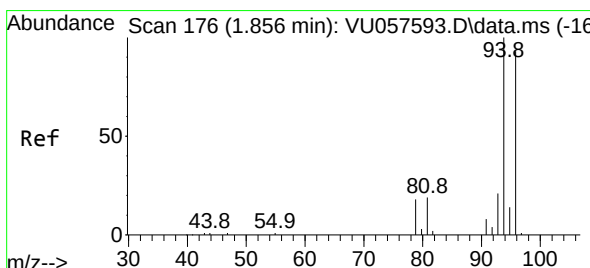
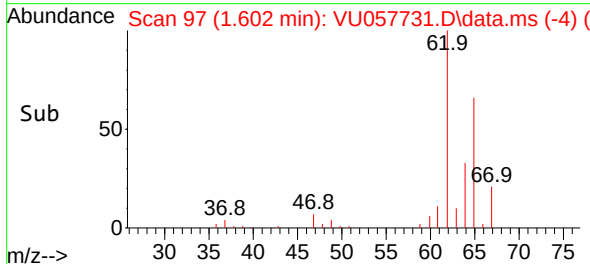
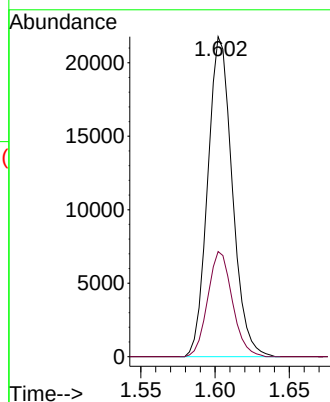
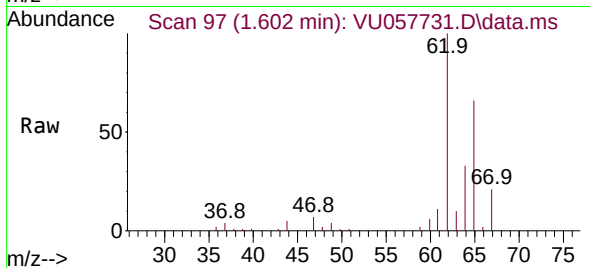
ClientSampleId :

Tgt Ion: 62 Resp: 24998

Ion Ratio Lower Upper

62 100

64 32.8 22.8 42.4



#6

Bromomethane

Concen: 4.360 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057731.D

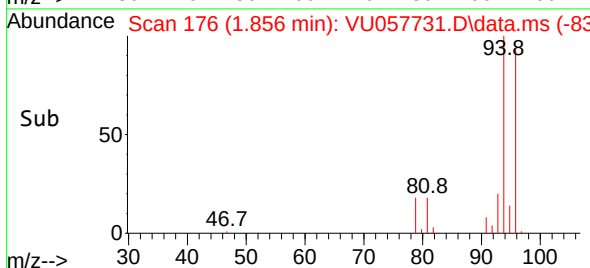
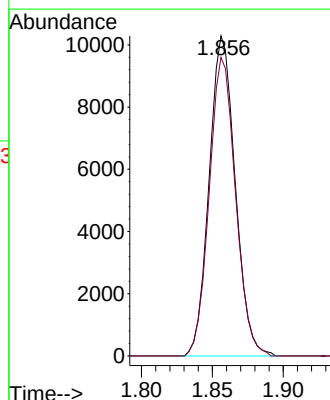
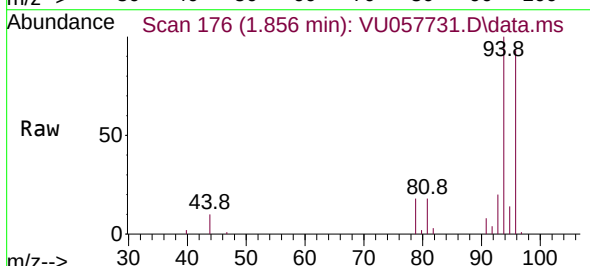
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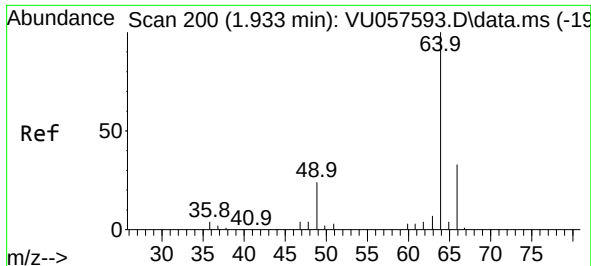
Tgt Ion: 94 Resp: 13124

Ion Ratio Lower Upper

94 100

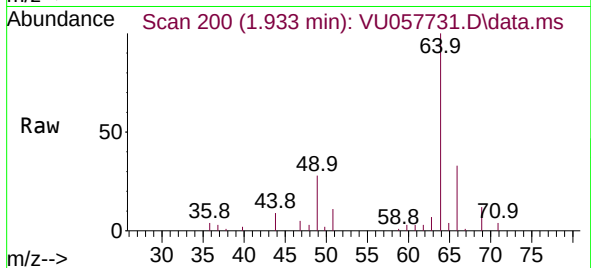
96 93.3 68.0 126.4



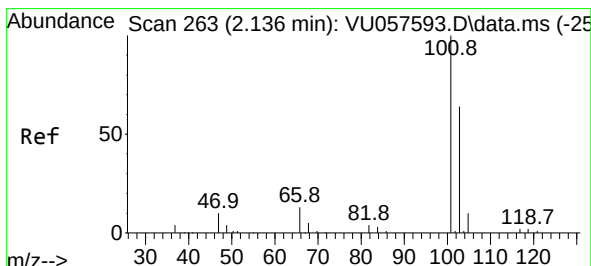
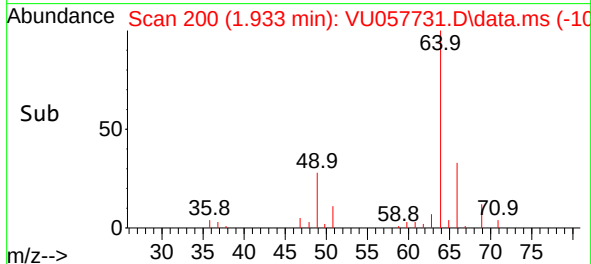
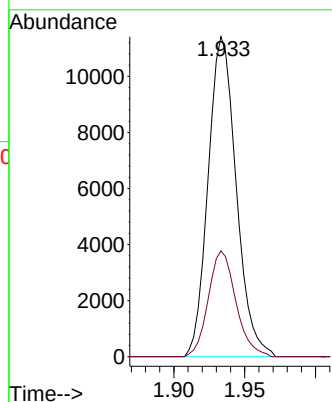


#8
Chloroethane
Concen: 4.554 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Instrument :
MSVOA_U
ClientSampleId :

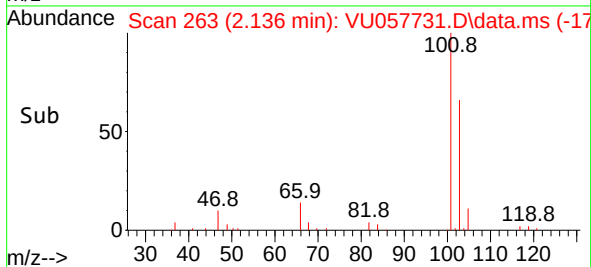
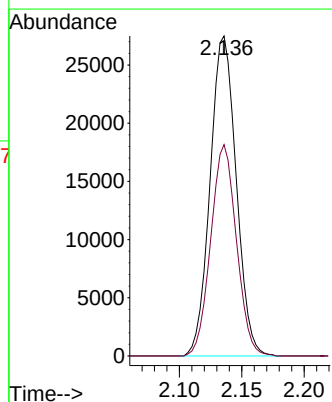
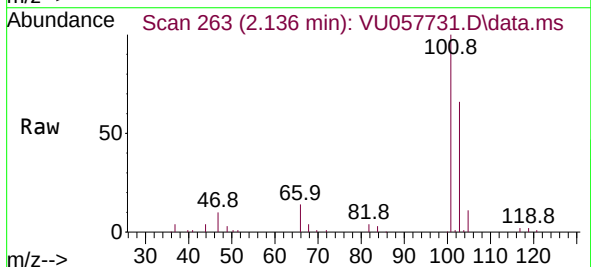


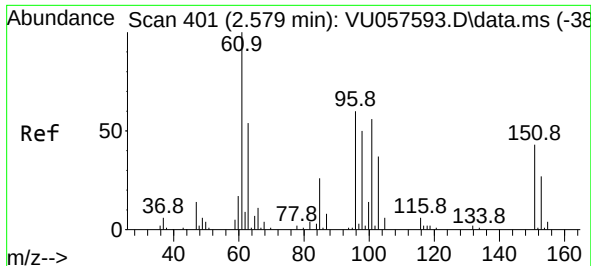
Tgt Ion: 64 Resp: 15745
Ion Ratio Lower Upper
64 100
66 33.1 24.5 45.5



#9
Trichlorofluoromethane
Concen: 4.664 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 101 Resp: 40107
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

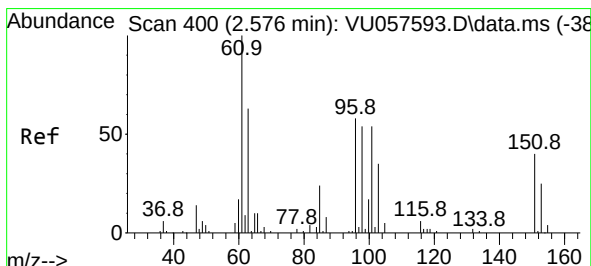
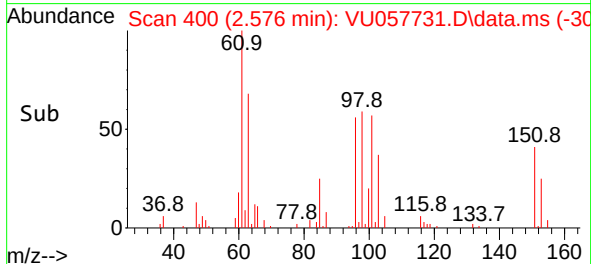
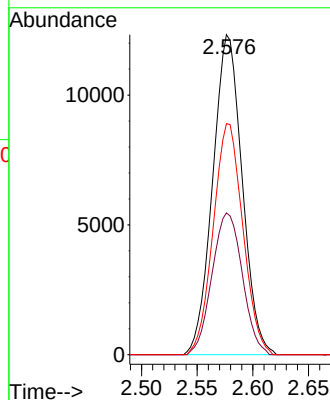
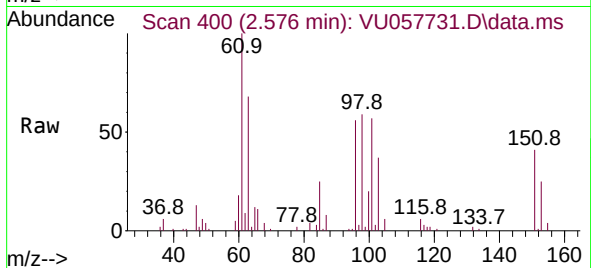




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.534 ug/L
RT: 2.576 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

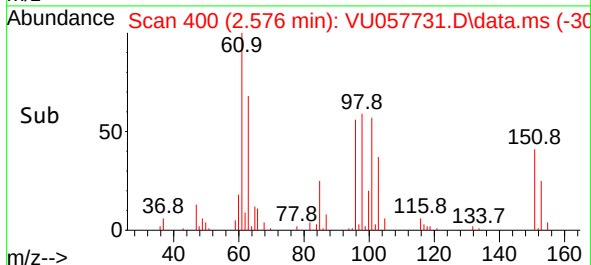
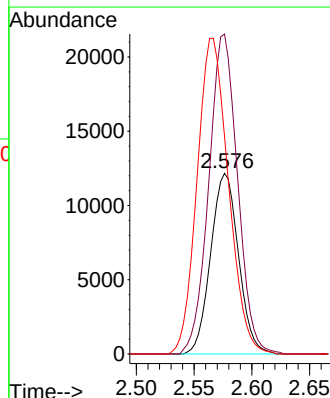
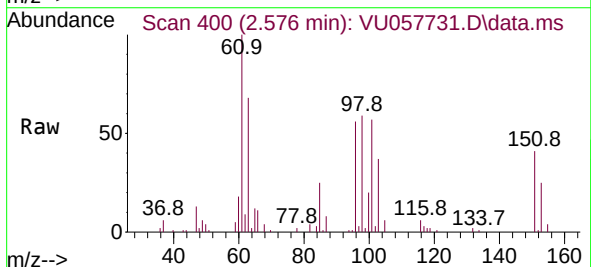
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MSVOA_U
ClientSampleId :

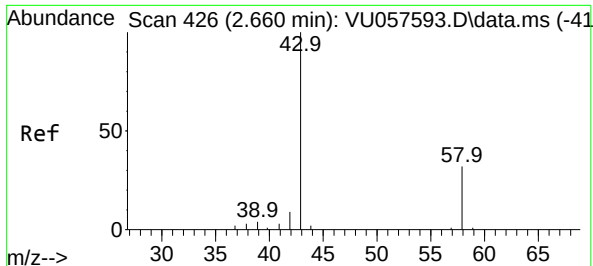
Tgt Ion:101 Resp: 22665
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.8
151 72.7 60.0 90.0



#12
1,1-Dichloroethene
Concen: 4.374 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 96 Resp: 20336
Ion Ratio Lower Upper
96 100
61 177.1 120.7 224.1
63 120.5 72.5 134.7





#13

Acetone

Concen: 42.909 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

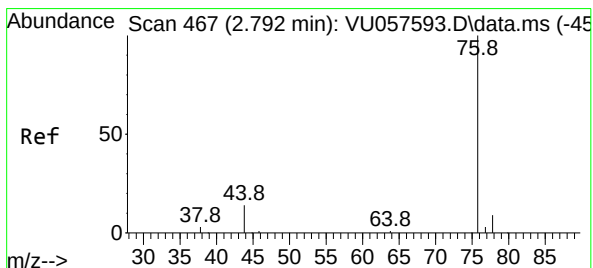
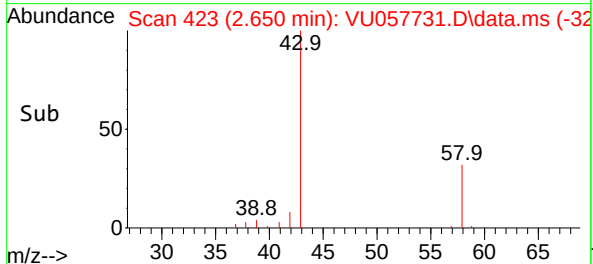
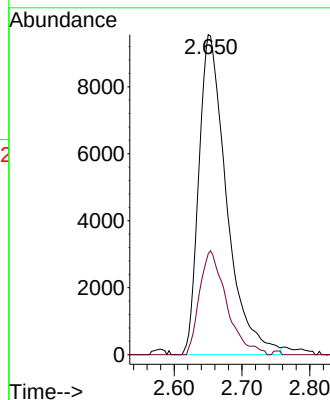
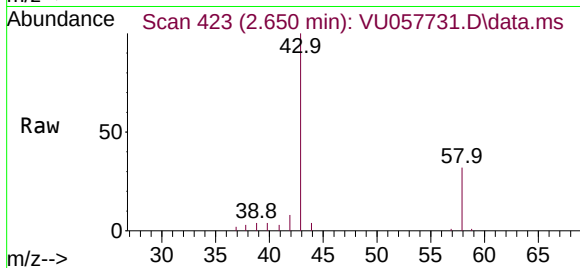
ClientSampleId :

Tgt Ion: 43 Resp: 27112

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.4



#14

Carbon disulfide

Concen: 4.219 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057731.D

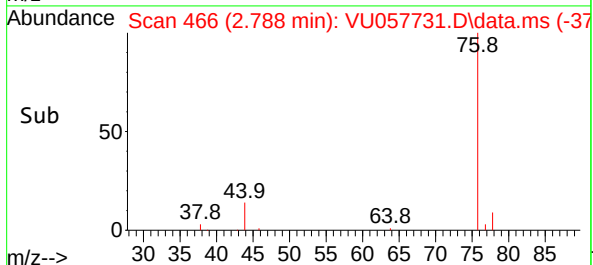
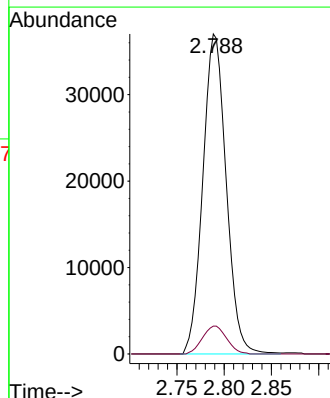
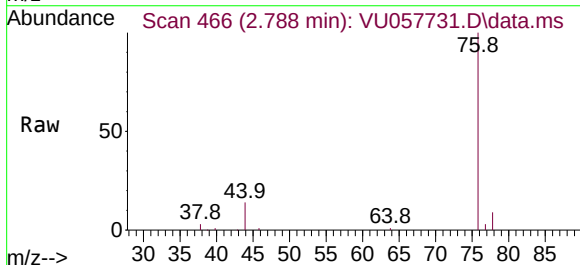
Acq: 30 Jan 2024 09:19

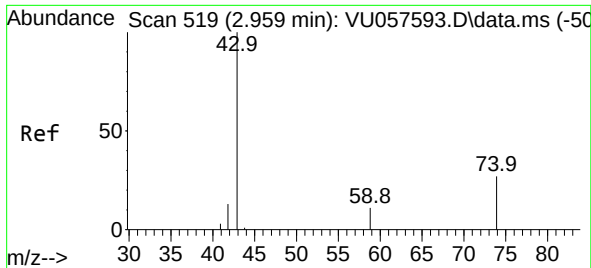
Tgt Ion: 76 Resp: 63599

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

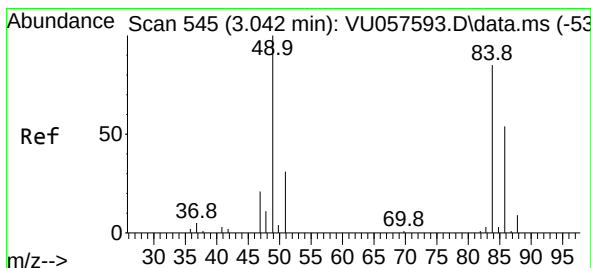
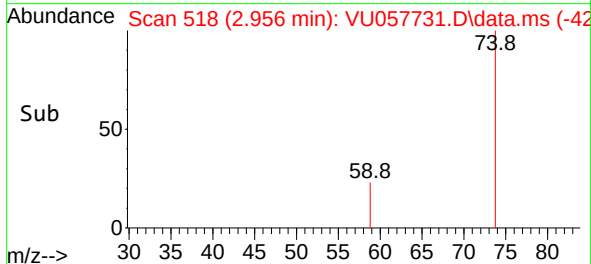
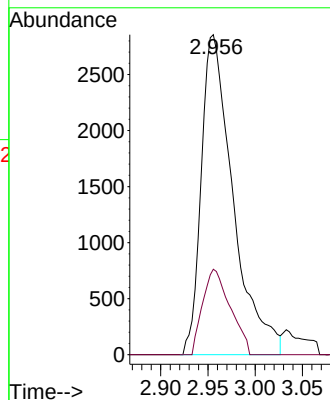
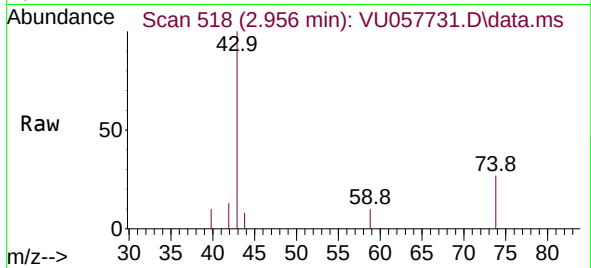




#15
Methyl Acetate
Concen: 4.117 ug/L
RT: 2.956 min Scan# 519
Delta R.T. 0.007 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

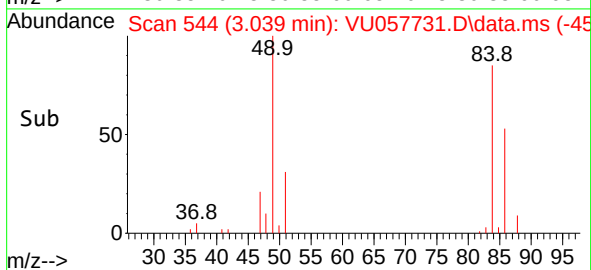
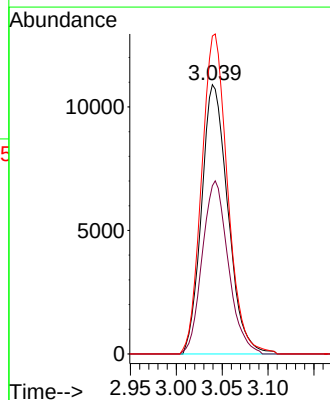
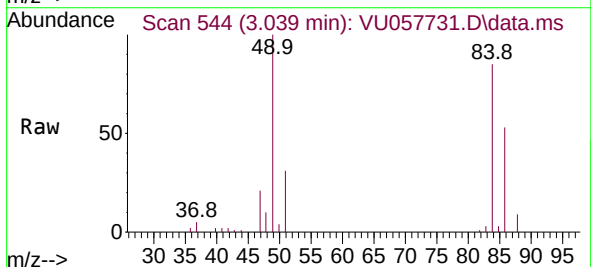
Instrument :
MSVOA_U
ClientSampleId :

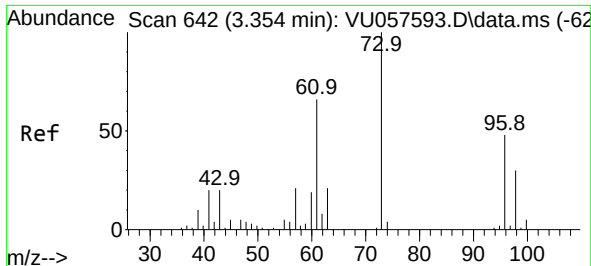
Tgt Ion: 43 Resp: 6693
Ion Ratio Lower Upper
43 100
74 23.1 20.7 31.1



#16
Methylene chloride
Concen: 4.374 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 84 Resp: 21827
Ion Ratio Lower Upper
84 100
86 62.4 43.5 80.9
49 118.0 82.5 153.1

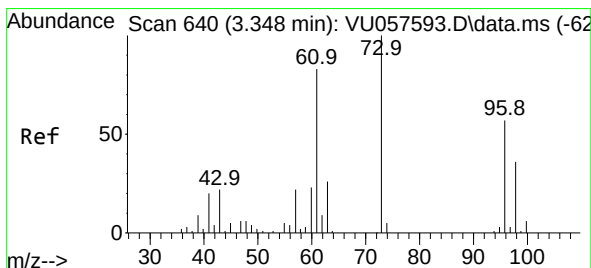
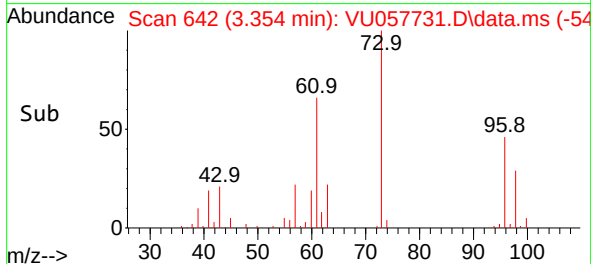
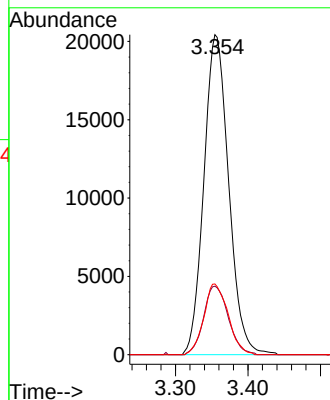
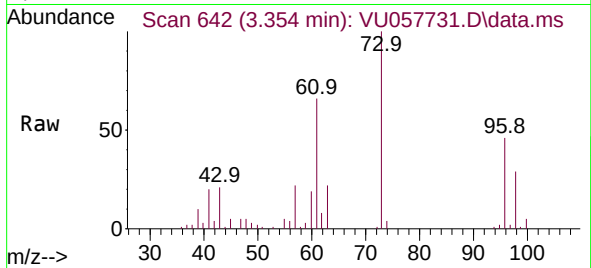




#17
Methyl tert-butyl Ether
Concen: 4.388 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

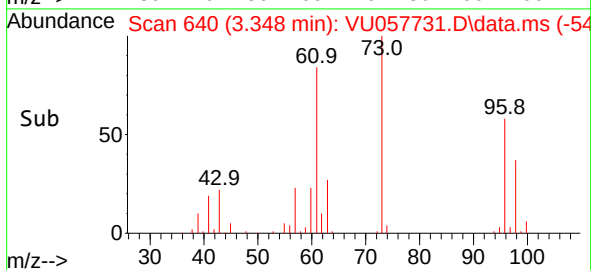
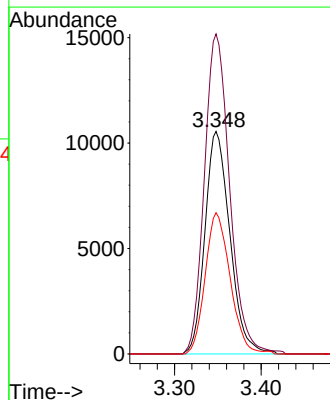
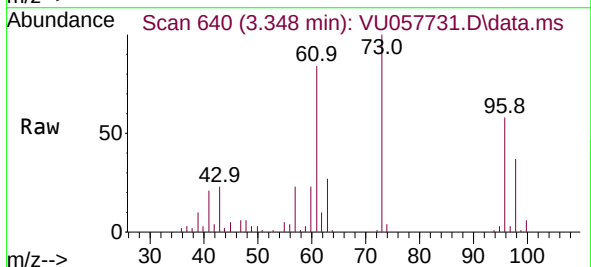
Instrument :
MSVOA_U
ClientSampleId :

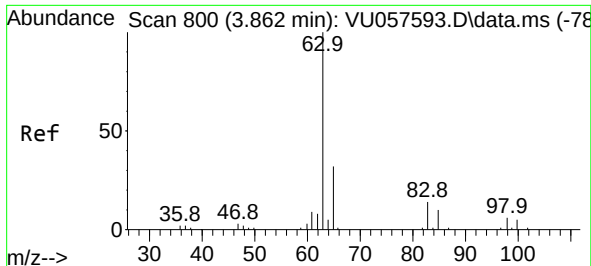
Tgt Ion: 73 Resp: 48508
Ion Ratio Lower Upper
73 100
43 21.3 17.3 25.9
57 21.6 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 4.325 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 96 Resp: 21181
Ion Ratio Lower Upper
96 100
61 143.8 99.3 184.5
98 63.5 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.580 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057731.D

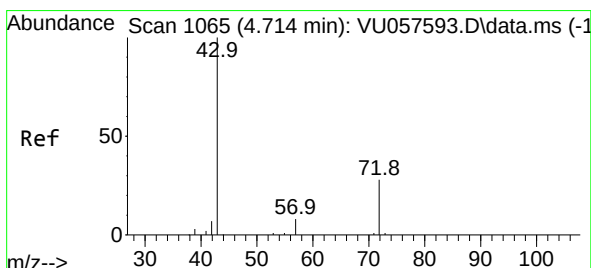
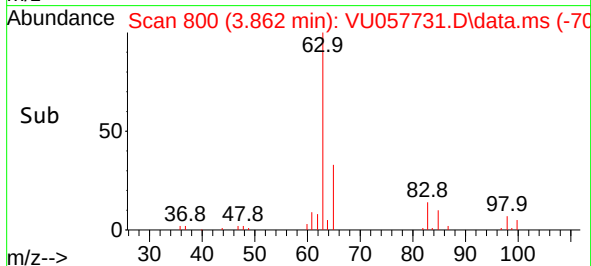
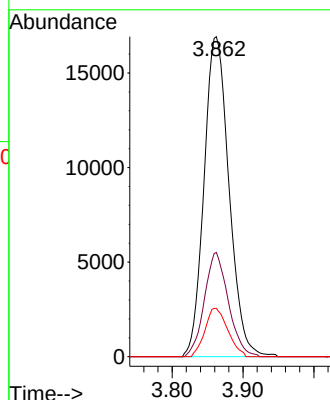
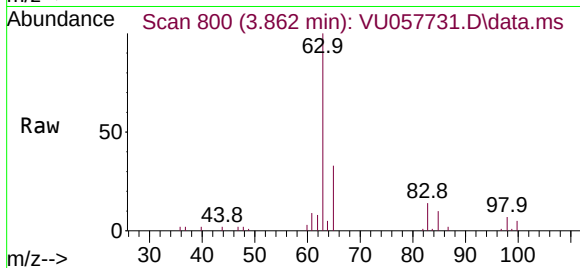
Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	41418
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.0	42.8
83	14.4	9.7	17.9



#21

2-Butanone

Concen: 41.826 ug/L

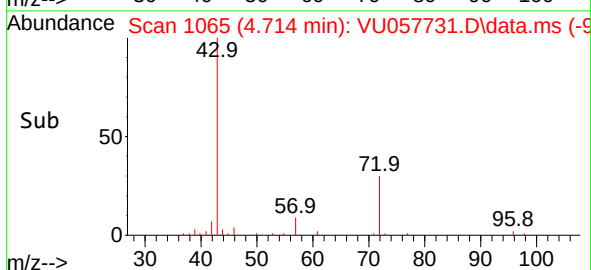
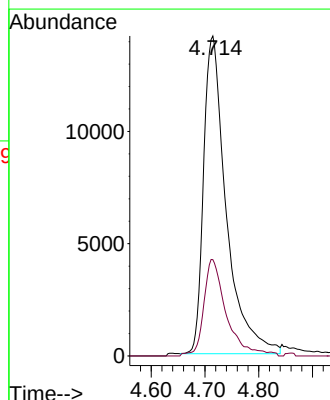
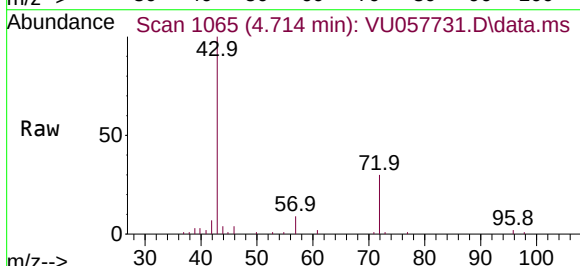
RT: 4.714 min Scan# 1065

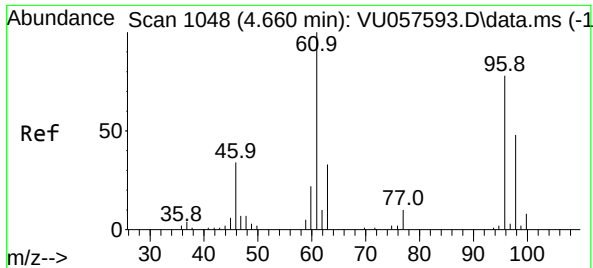
Delta R.T. 0.010 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

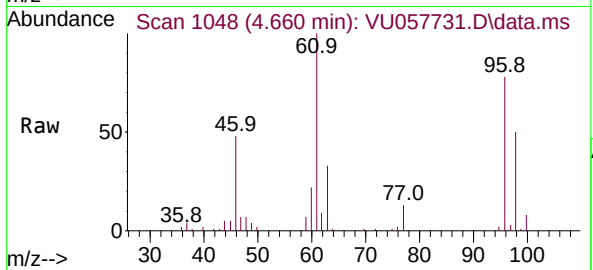
Tgt Ion:	43	Resp:	41453
Ion	Ratio	Lower	Upper
43	100		
72	29.9	14.7	44.1





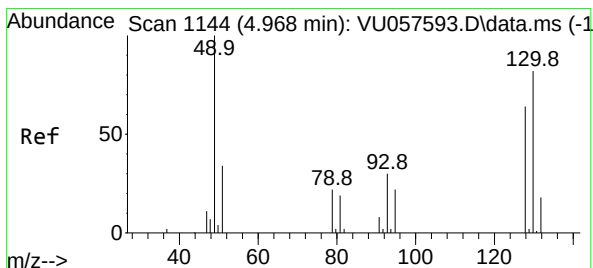
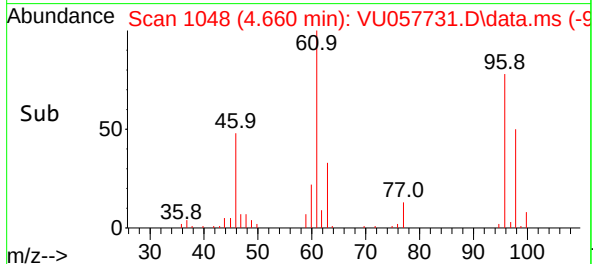
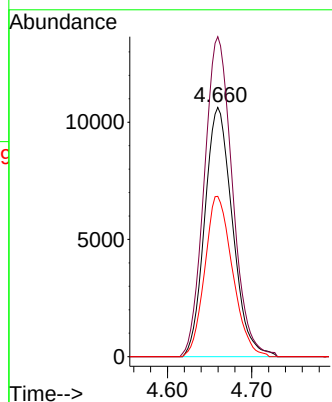
#22
 cis-1,2-Dichloroethene
 Concen: 4.631 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057731.D
 Acq: 30 Jan 2024 09:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 24379

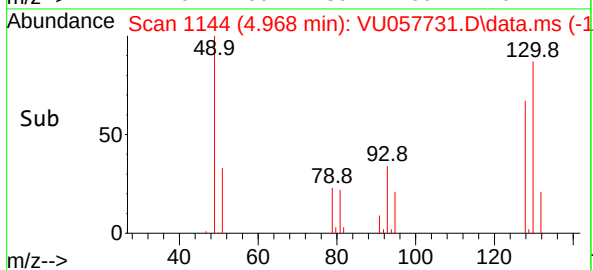
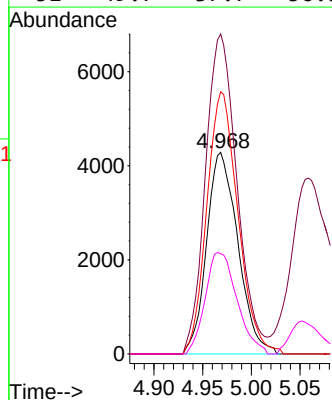
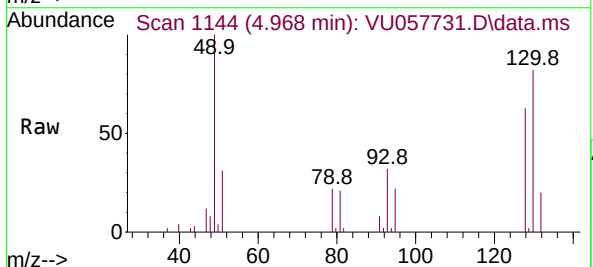
Ion	Ratio	Lower	Upper
96	100		
61	128.4	92.7	172.1
98	64.3	44.9	83.5

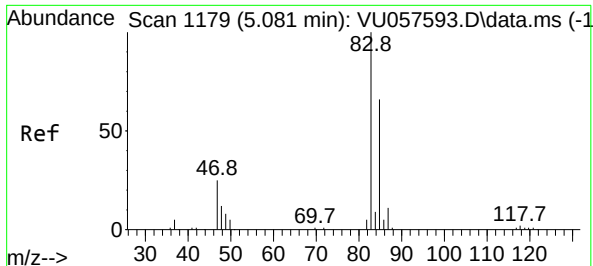


#23
 Bromochloromethane
 Concen: 4.525 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057731.D
 Acq: 30 Jan 2024 09:19

Tgt Ion: 128 Resp: 9570

Ion	Ratio	Lower	Upper
128	100		
49	164.7	111.5	207.1
130	130.2	87.2	162.0
51	49.7	37.7	56.5





#25

Chloroform

Concen: 4.511 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

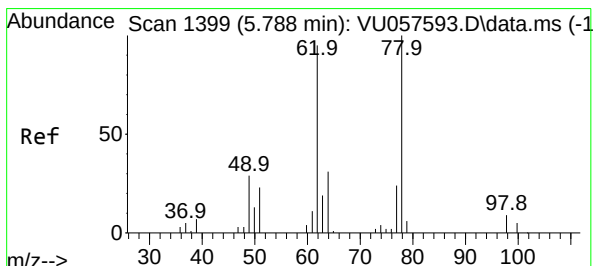
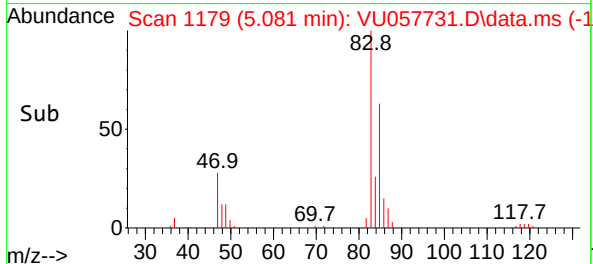
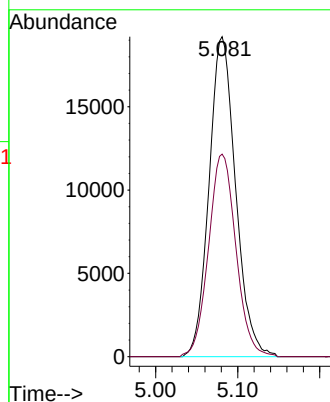
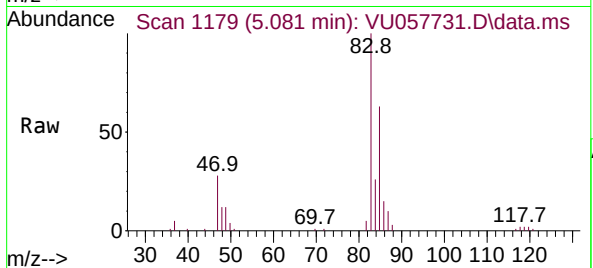
ClientSampleId :

Tgt Ion: 83 Resp: 43284

Ion Ratio Lower Upper

83 100

85 63.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.673 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057731.D

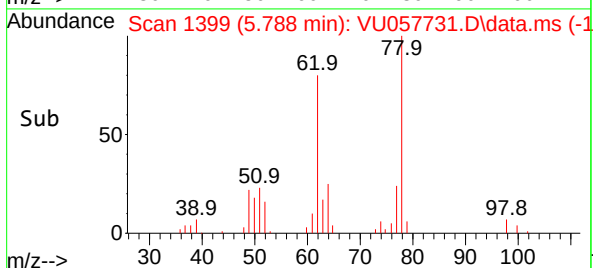
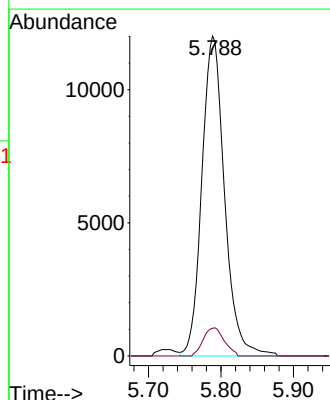
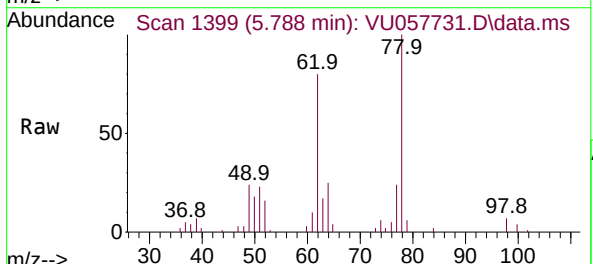
Acq: 30 Jan 2024 09:19

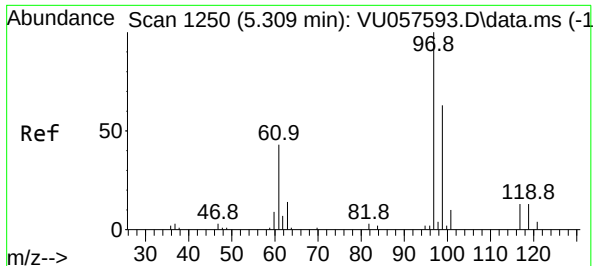
Tgt Ion: 62 Resp: 26119

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3

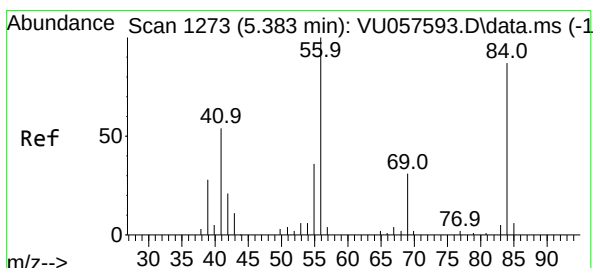
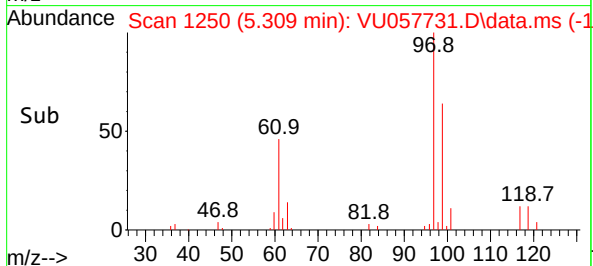
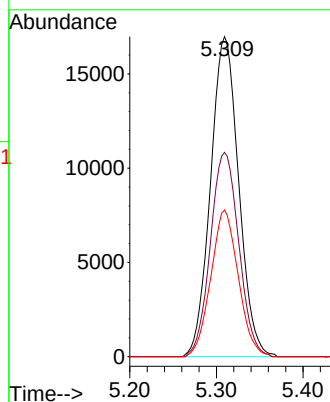
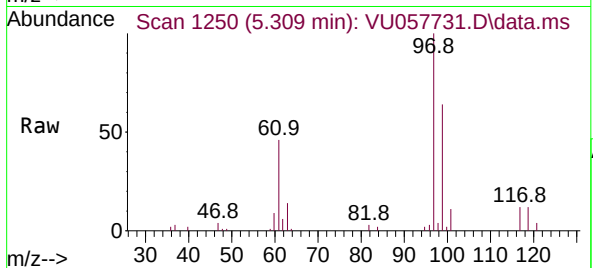




#29
1,1,1-Trichloroethane
Concen: 4.476 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

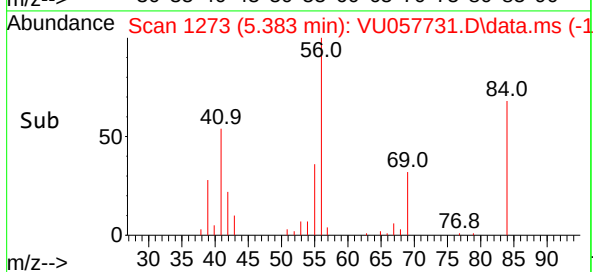
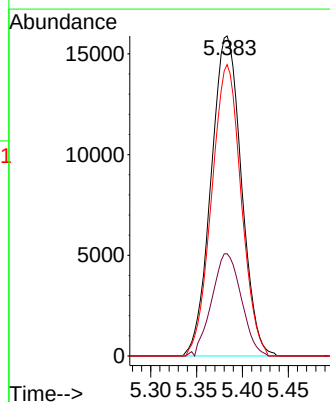
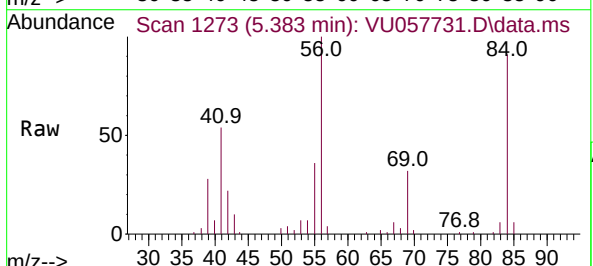
Instrument :
MSVOA_U
ClientSampleId :

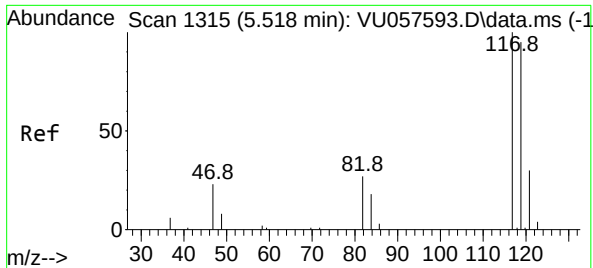
Tgt Ion: 97 Resp: 38330
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 44.8 35.3 52.9



#30
Cyclohexane
Concen: 4.418 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 56 Resp: 36496
Ion Ratio Lower Upper
56 100
69 31.1 25.8 38.8
84 88.5 72.0 108.0

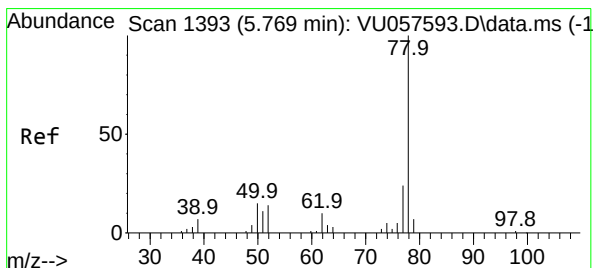
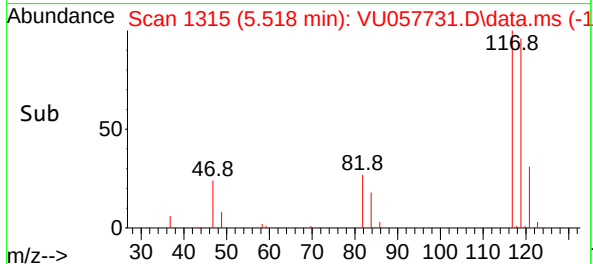
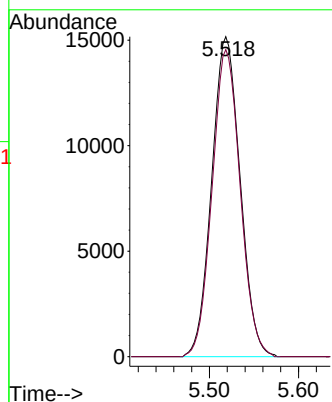
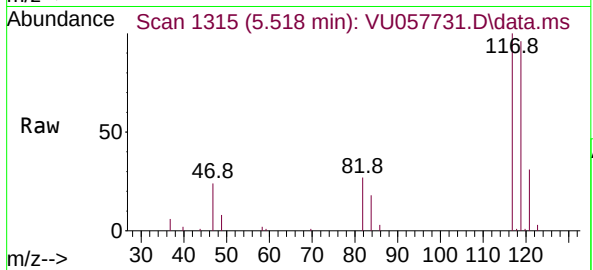




#31
Carbon tetrachloride
Concen: 4.444 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

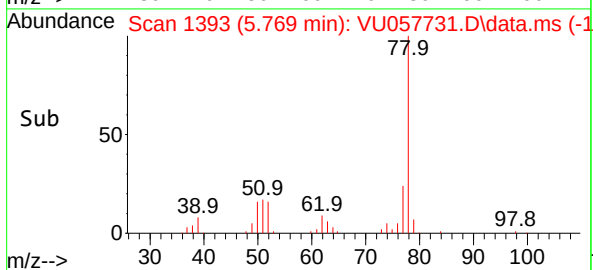
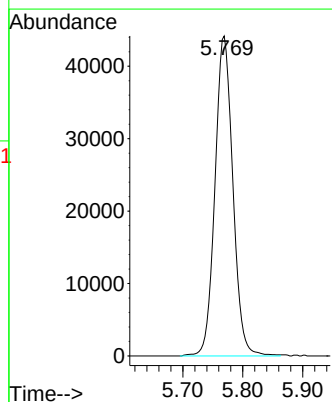
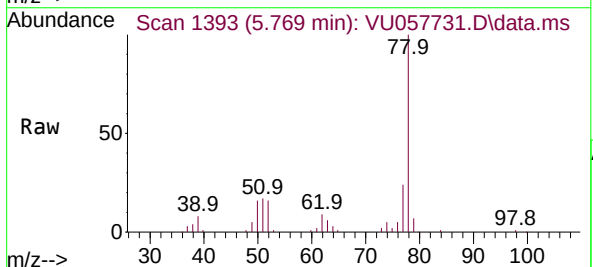
Instrument :
MSVOA_U
ClientSampleId :

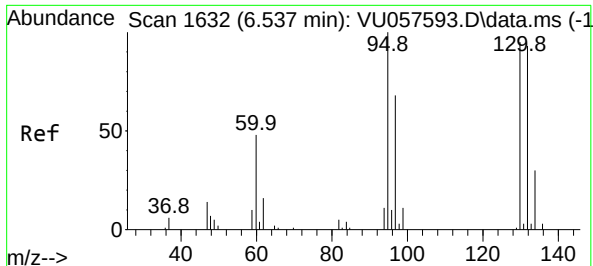
Tgt Ion:117 Resp: 33573
Ion Ratio Lower Upper
117 100
119 94.9 75.6 113.4



#33
Benzene
Concen: 4.571 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 78 Resp: 91466

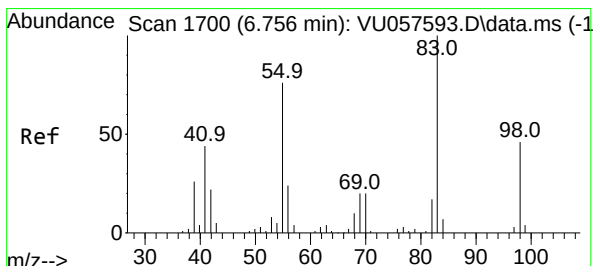
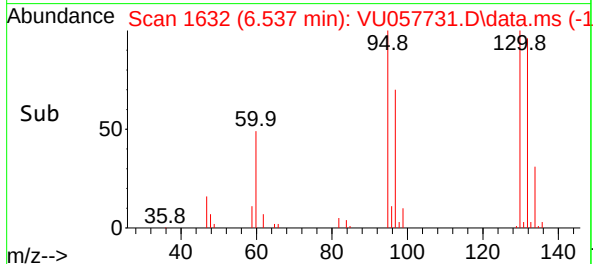
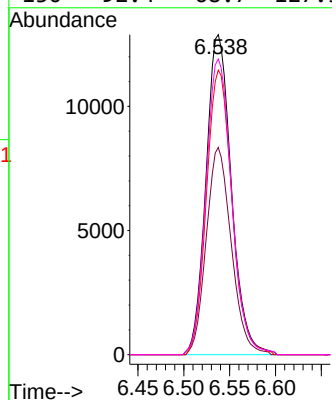
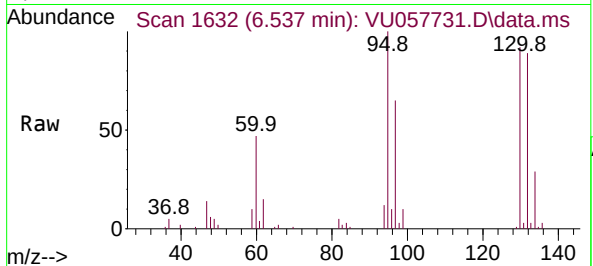




#34
Trichloroethene
Concen: 4.511 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

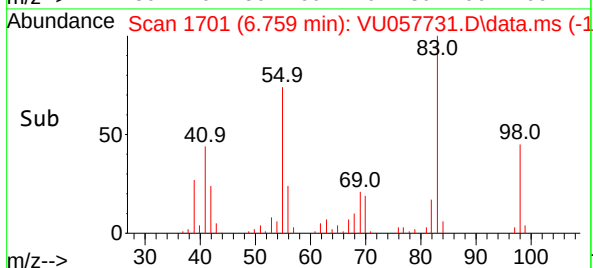
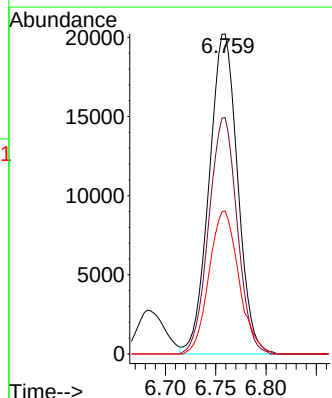
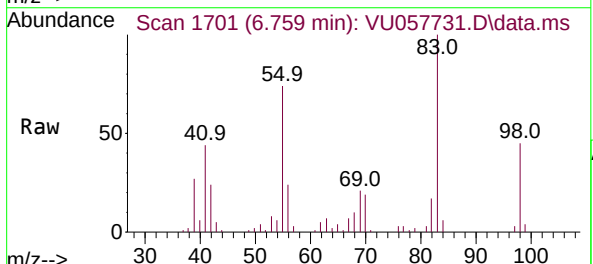
Instrument :
MSVOA_U
ClientSampleId :

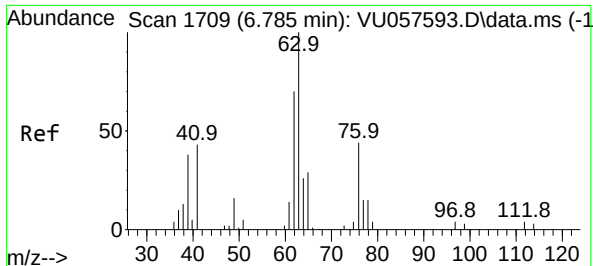
Tgt Ion: 95 Resp: 24884
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.5
132 89.0 66.1 122.8
130 92.4 68.7 127.5



#35
Methylcyclohexane
Concen: 4.479 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 83 Resp: 39910
Ion Ratio Lower Upper
83 100
55 73.5 61.4 92.0
98 46.7 38.2 57.4

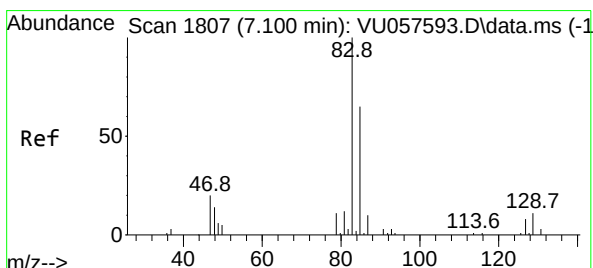
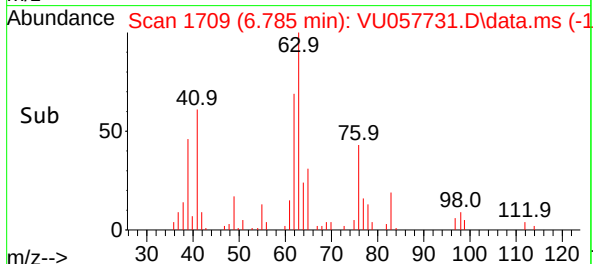
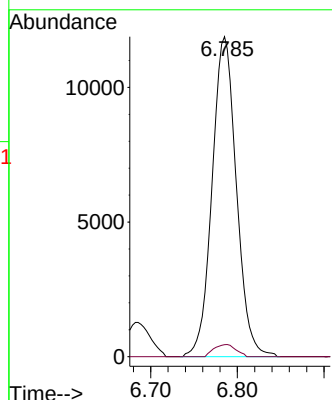
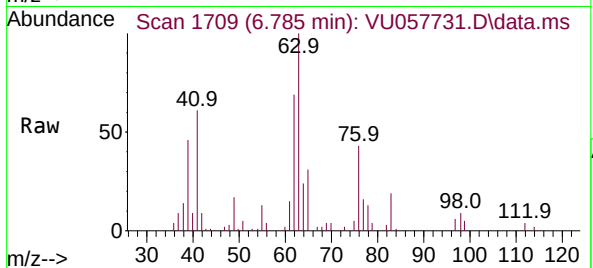




#37
1,2-Dichloropropane
Concen: 4.630 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

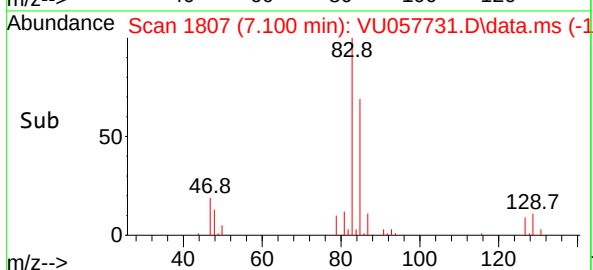
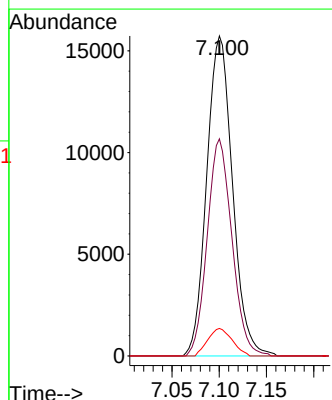
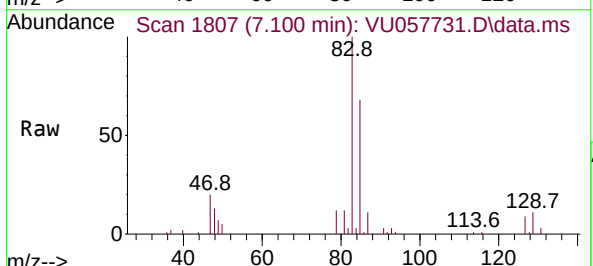
Instrument :
MSVOA_U
ClientSampleId :

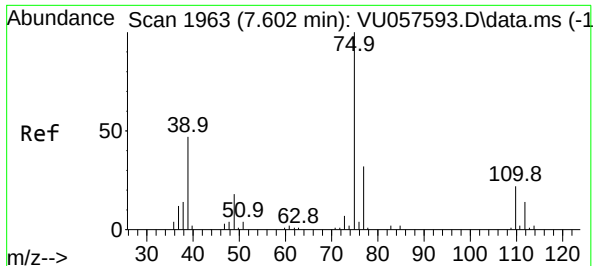
Tgt Ion: 63 Resp: 23177
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 4.432 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 83 Resp: 29854
Ion Ratio Lower Upper
83 100
85 67.8 44.7 83.1
127 8.6 6.4 9.6

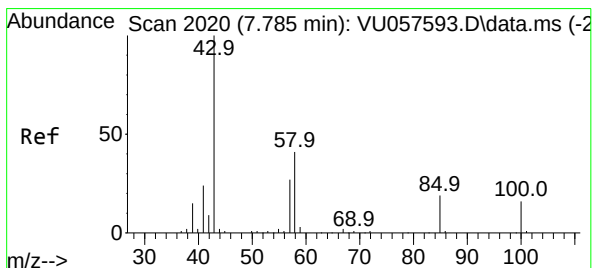
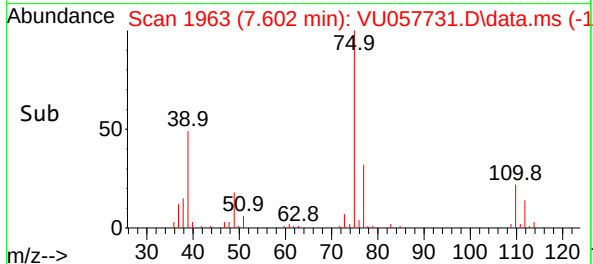
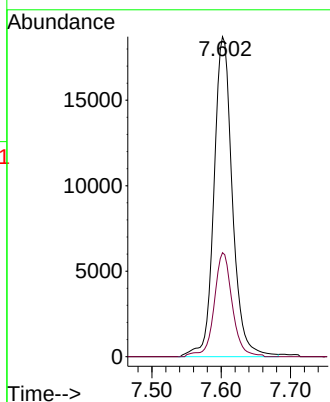
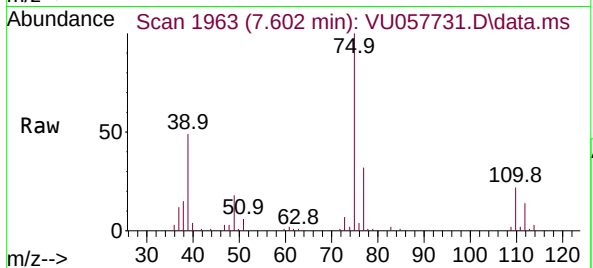




#39
 cis-1,3-Dichloropropene
 Concen: 4.453 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU057731.D
 Acq: 30 Jan 2024 09:19

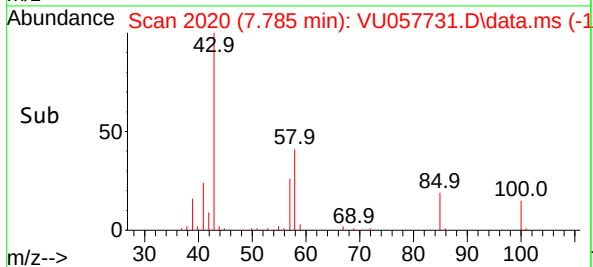
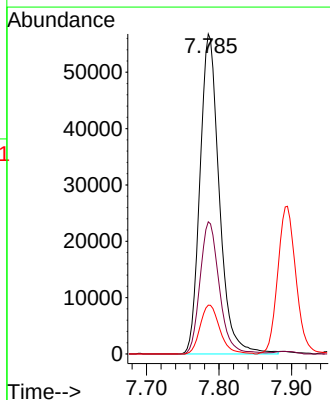
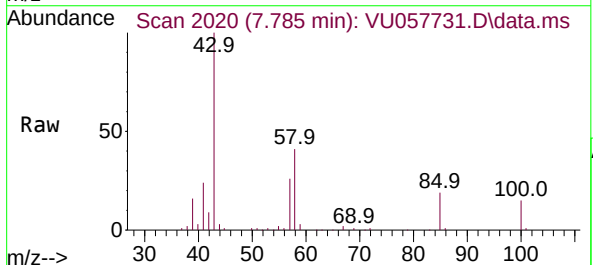
Instrument :
 MSVOA_U
 ClientSampleId :

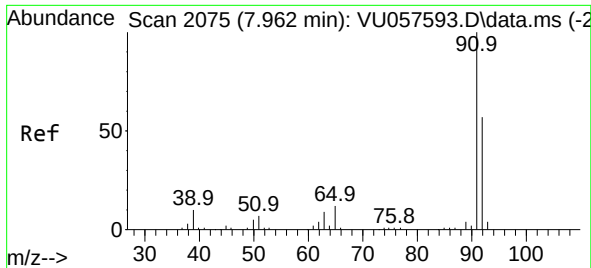
Tgt Ion: 75 Resp: 34640
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 43.969 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU057731.D
 Acq: 30 Jan 2024 09:19

Tgt Ion: 43 Resp: 105027
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.3 48.5
 100 15.5 12.6 18.8





#42

Toluene

Concen: 4.540 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

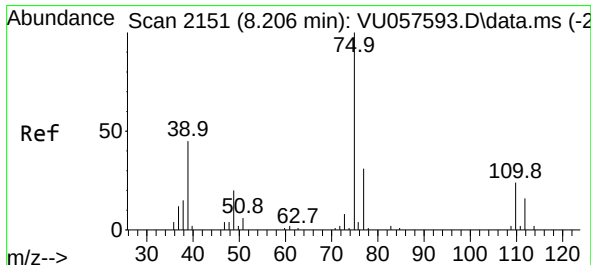
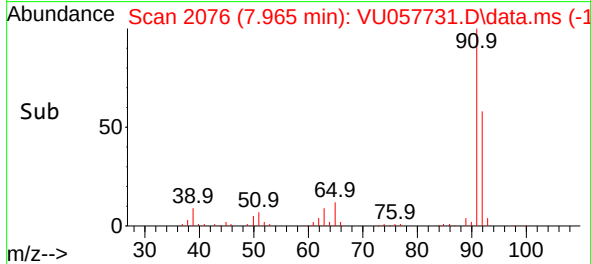
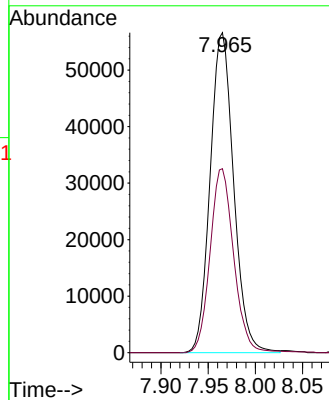
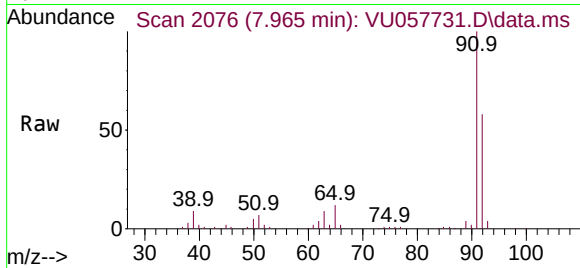
ClientSampleId :

Tgt Ion: 91 Resp: 97940

Ion Ratio Lower Upper

91 100

92 57.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.483 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057731.D

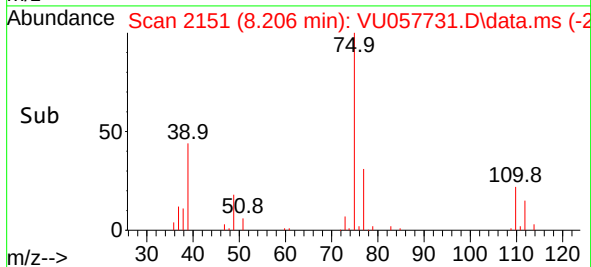
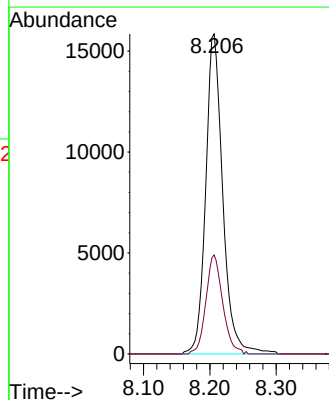
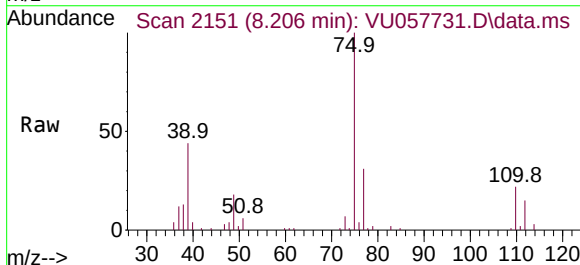
Acq: 30 Jan 2024 09:19

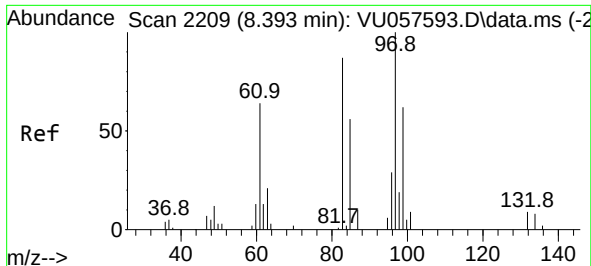
Tgt Ion: 75 Resp: 28343

Ion Ratio Lower Upper

75 100

77 31.0 21.3 39.6

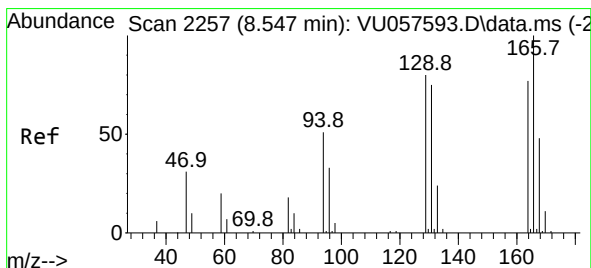
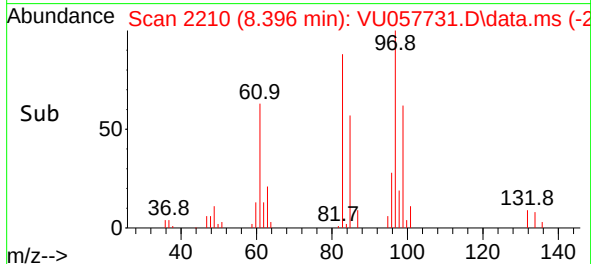
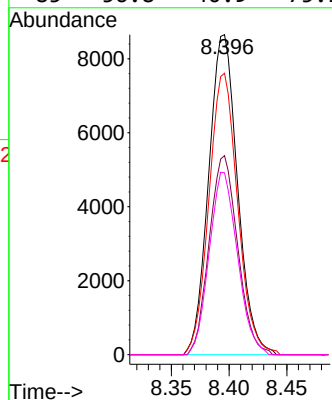
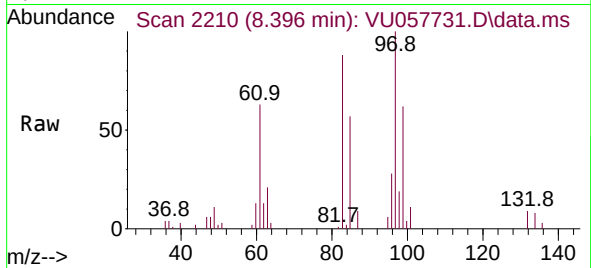




#45
1,1,2-Trichloroethane
Concen: 4.618 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

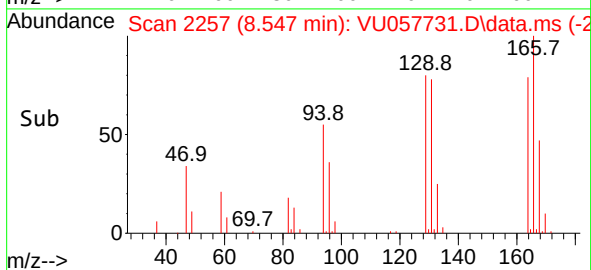
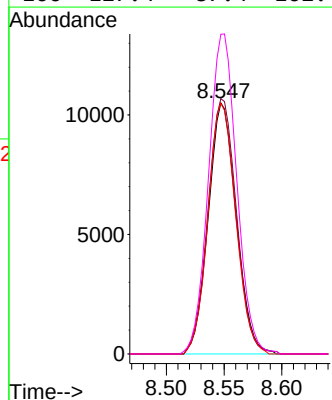
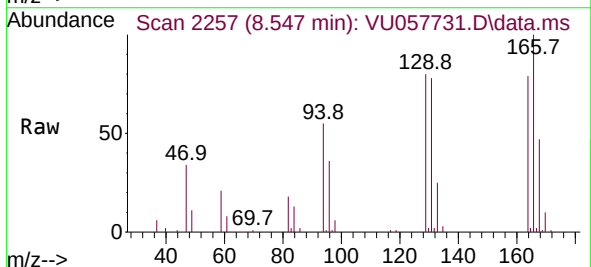
Instrument :
MSVOA_U
ClientSampleId :

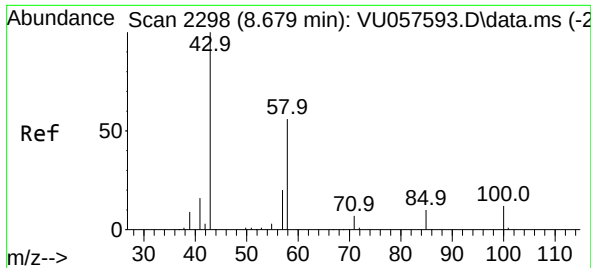
Tgt Ion: 97 Resp: 15036
Ion Ratio Lower Upper
97 100
99 62.2 45.1 83.7
83 87.9 62.3 115.7
85 56.8 40.9 75.9



#47
Tetrachloroethene
Concen: 4.364 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

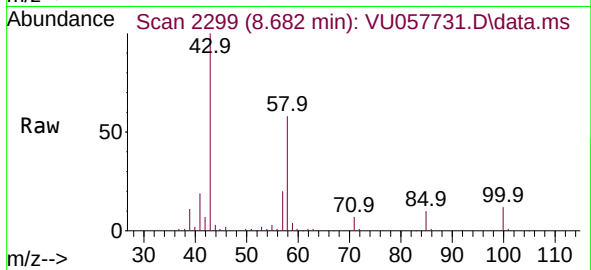
Tgt Ion: 164 Resp: 17688
Ion Ratio Lower Upper
164 100
129 101.8 71.3 132.5
131 99.9 68.1 126.5
166 127.4 87.4 162.4



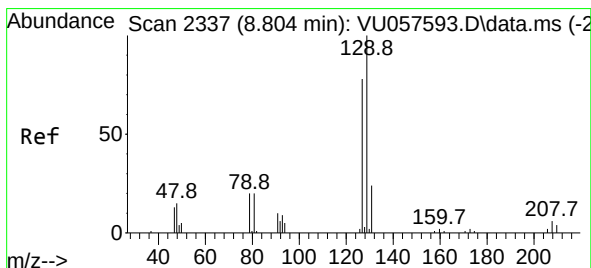
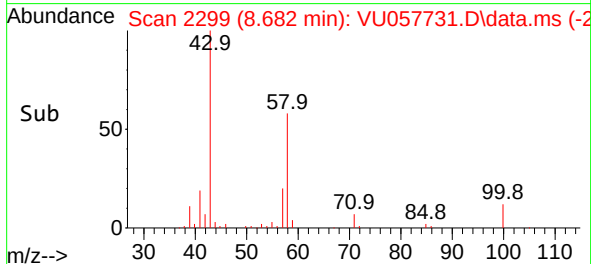
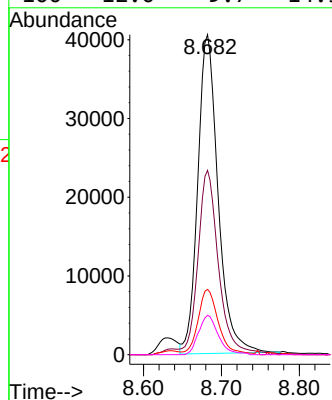


#48
2-Hexanone
Concen: 43.836 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Instrument :
MSVOA_U
ClientSampleId :

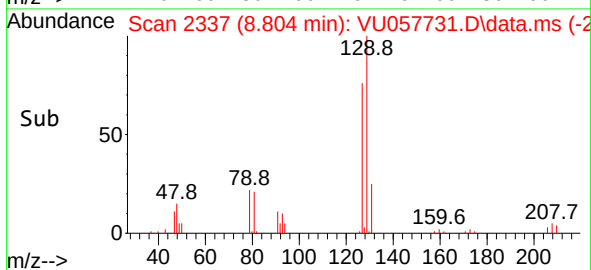
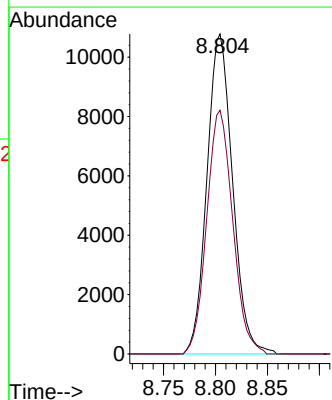
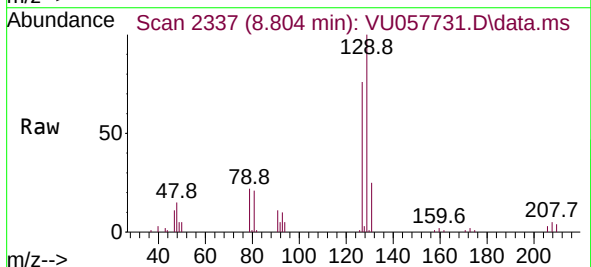


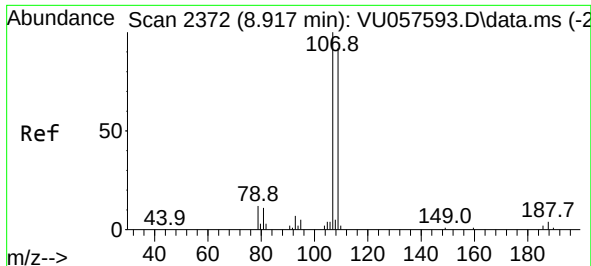
Tgt Ion:	43	Resp:	73473
Ion	Ratio	Lower	Upper
43	100		
58	58.4	44.3	66.5
57	19.5	15.5	23.3
100	12.0	9.7	14.5



#49
Dibromochloromethane
Concen: 4.393 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion:	129	Resp:	18520
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.5	101.1





#50

1,2-Dibromoethane

Concen: 4.412 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

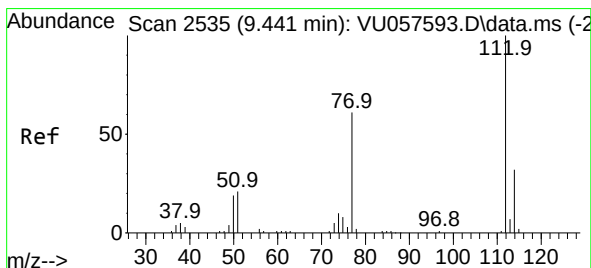
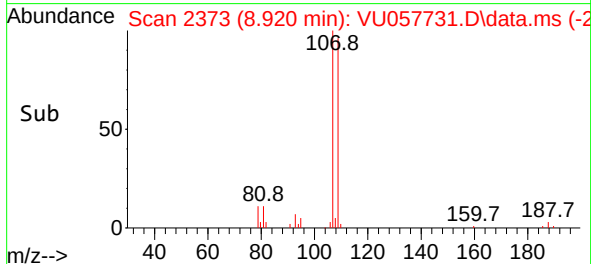
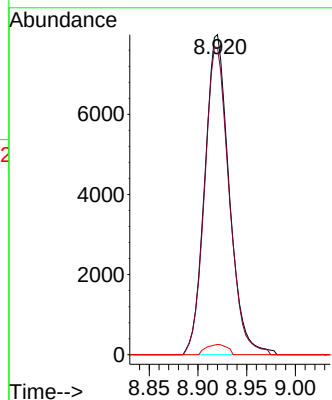
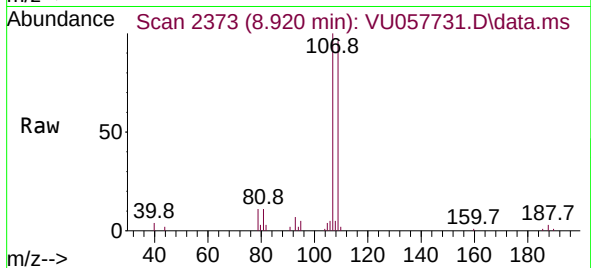
Tgt Ion:107 Resp: 13941

Ion Ratio Lower Upper

107 100

109 96.0 64.5 119.9

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 4.467 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

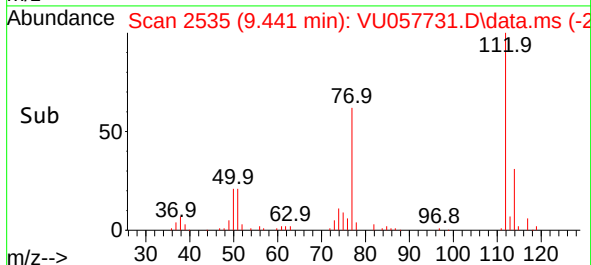
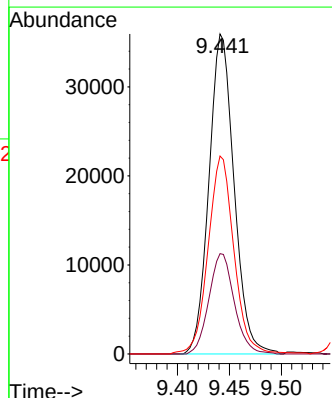
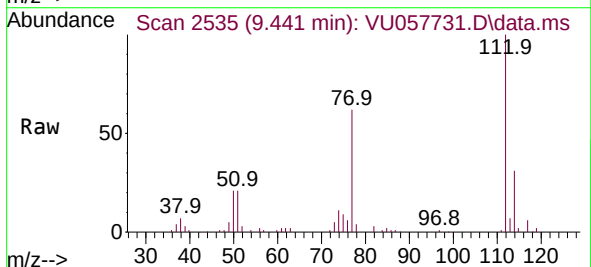
Tgt Ion:112 Resp: 60447

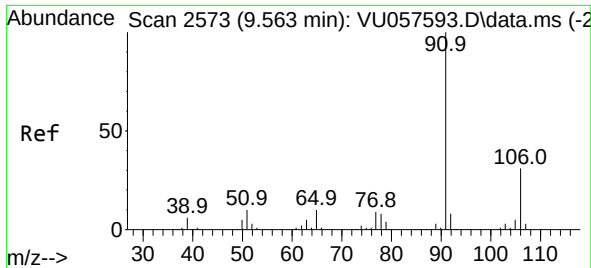
Ion Ratio Lower Upper

112 100

114 31.4 22.0 40.8

77 61.9 49.2 73.8

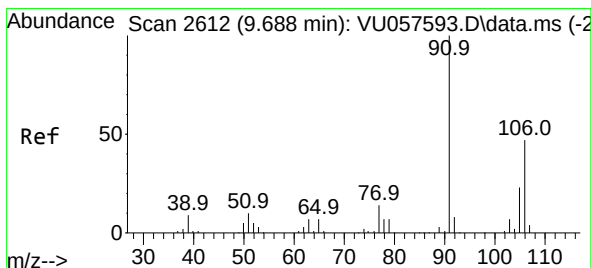
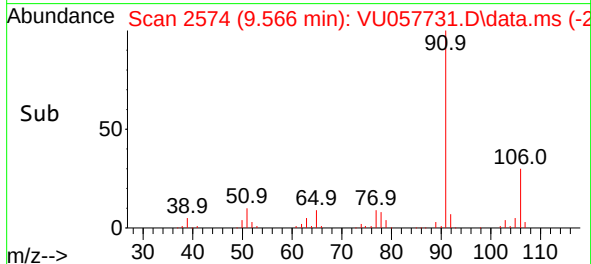
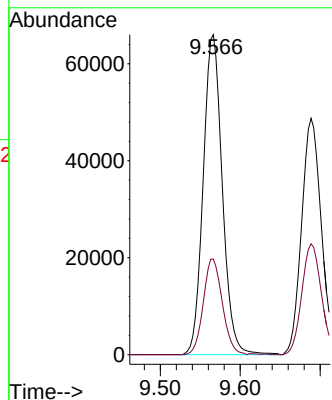
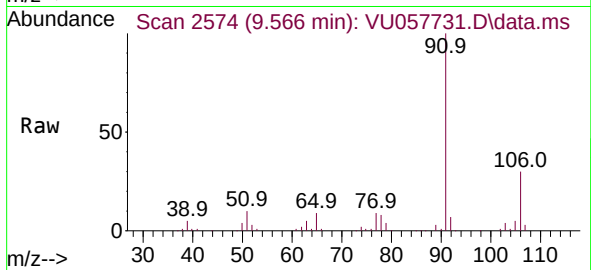




#52
Ethylbenzene
Concen: 4.517 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

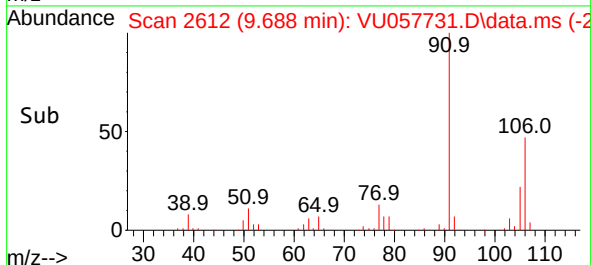
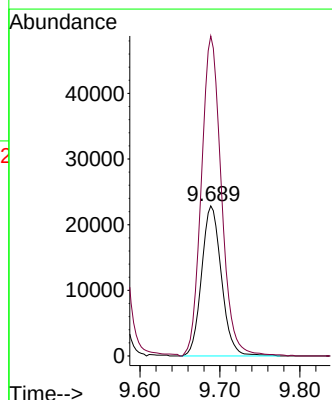
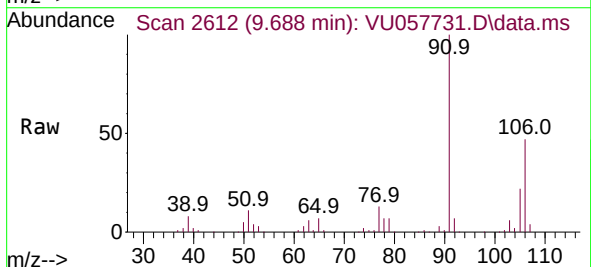
Instrument :
MSVOA_U
ClientSampleId :

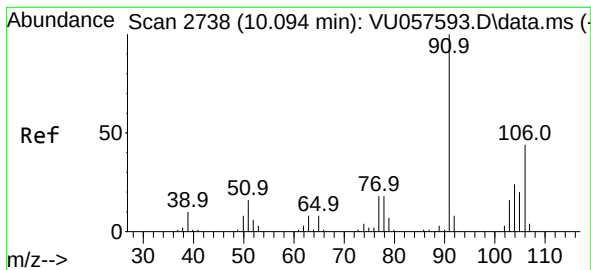
Tgt Ion: 91 Resp: 109812
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 4.401 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion:106 Resp: 39474
Ion Ratio Lower Upper
106 100
91 213.2 146.9 272.9





#54

o-Xylene

Concen: 4.469 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

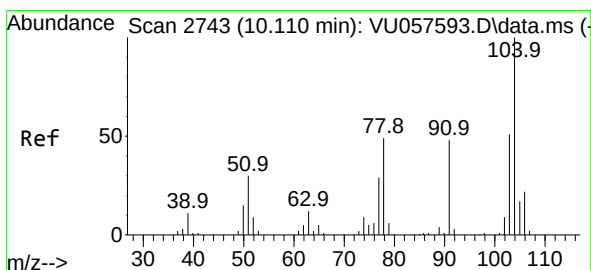
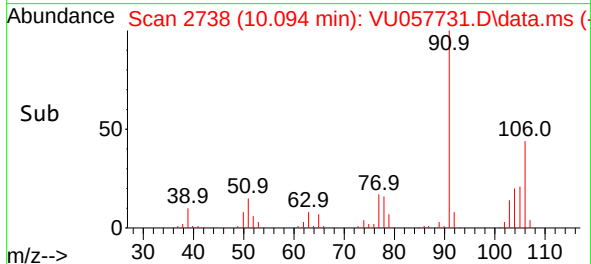
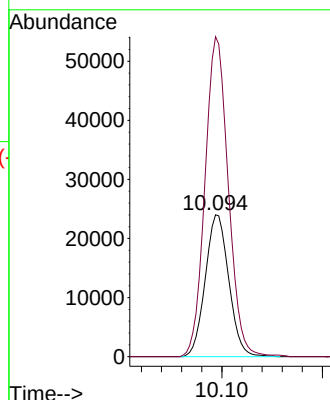
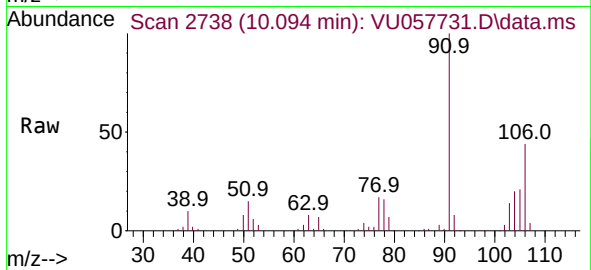
ClientSampleId :

Tgt Ion:106 Resp: 39074

Ion Ratio Lower Upper

106 100

91 225.4 158.1 293.5



#55

Styrene

Concen: 4.372 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057731.D

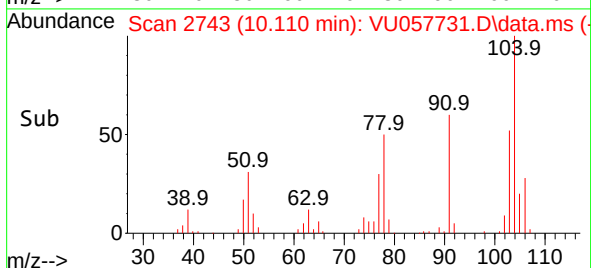
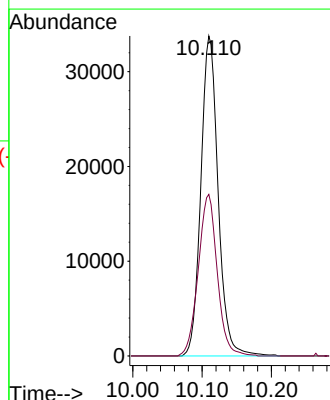
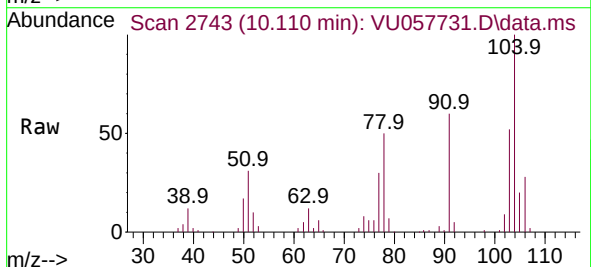
Acq: 30 Jan 2024 09:19

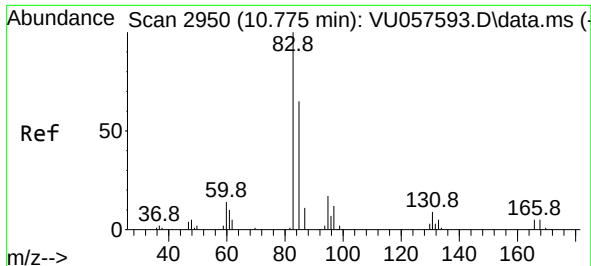
Tgt Ion:104 Resp: 58489

Ion Ratio Lower Upper

104 100

78 50.5 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.657 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

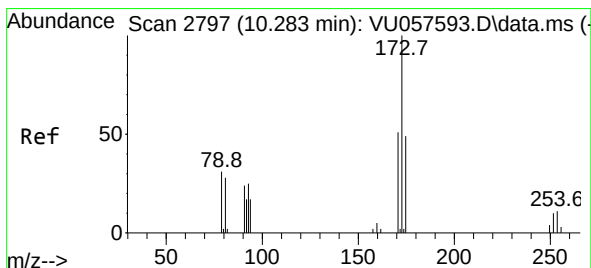
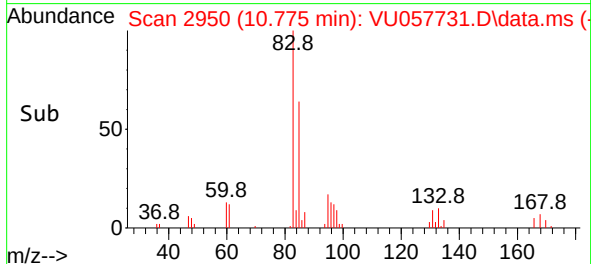
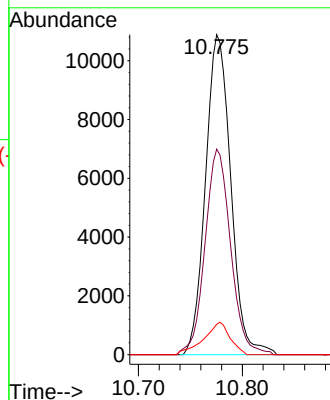
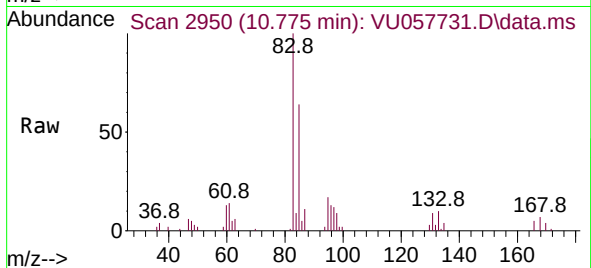
Tgt Ion: 83 Resp: 18395

Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.5

131 9.5 8.3 12.5



#59

Bromoform

Concen: 4.526 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

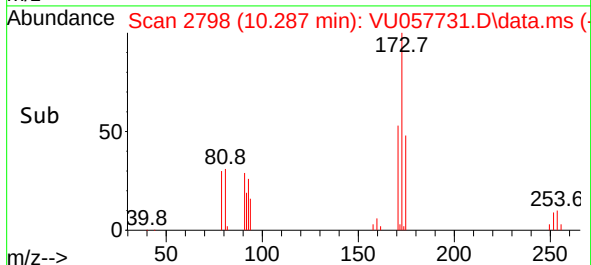
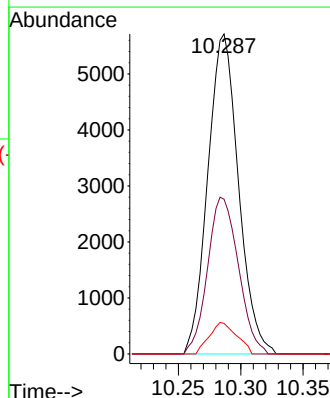
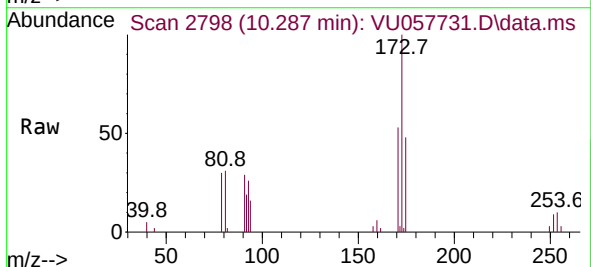
Tgt Ion:173 Resp: 9783

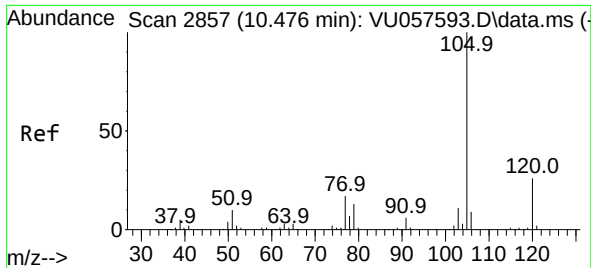
Ion Ratio Lower Upper

173 100

175 49.2 37.5 56.3

254 8.7 7.2 10.8

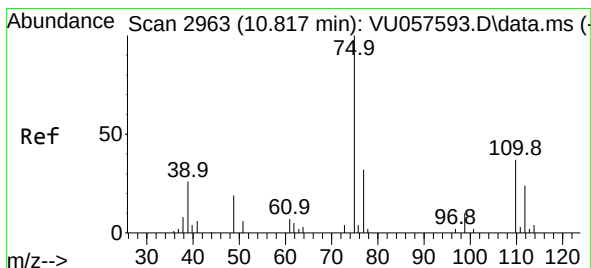
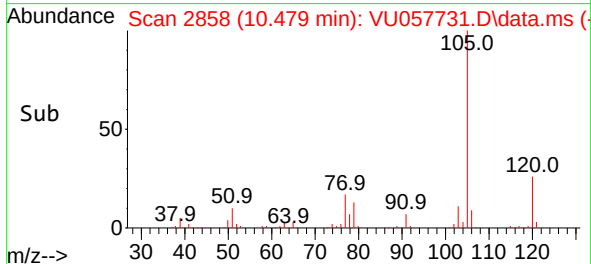
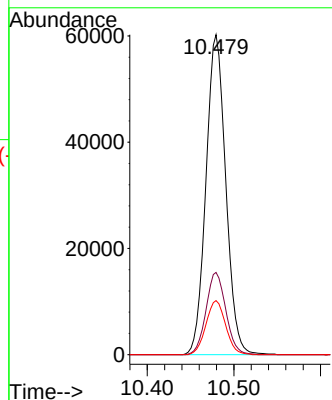
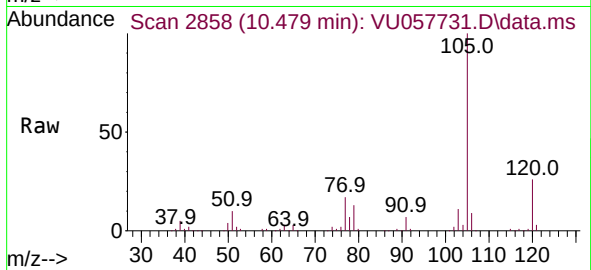




#60
Isopropylbenzene
Concen: 4.589 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

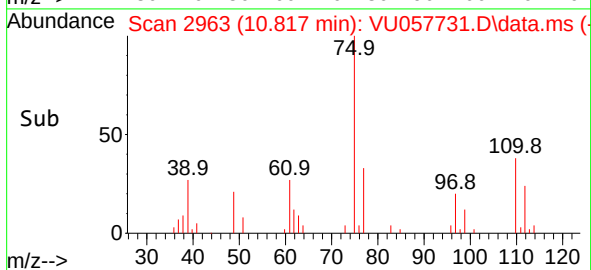
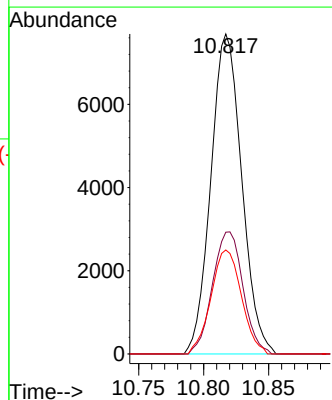
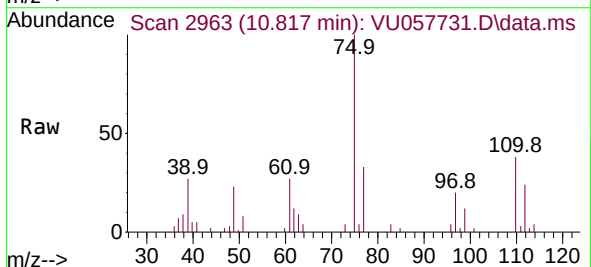
Instrument :
MSVOA_U
ClientSampleId :

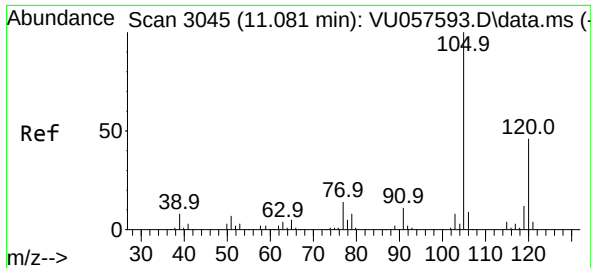
Tgt Ion:105 Resp: 95682
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 16.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.759 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion: 75 Resp: 12711
Ion Ratio Lower Upper
75 100
110 37.7 30.1 45.1
77 32.1 25.5 38.3

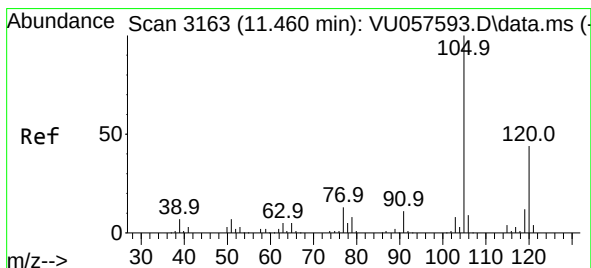
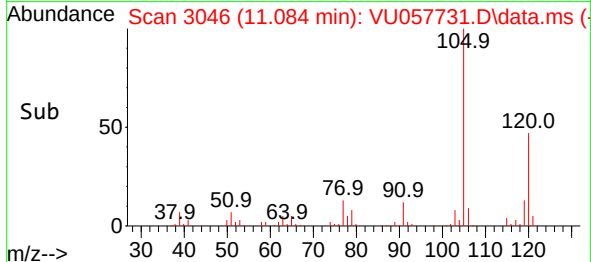
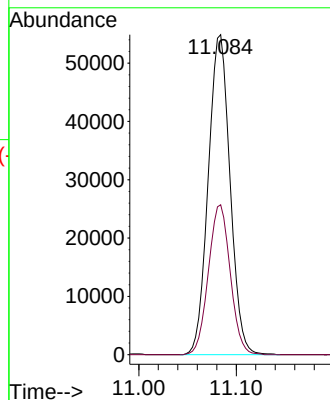
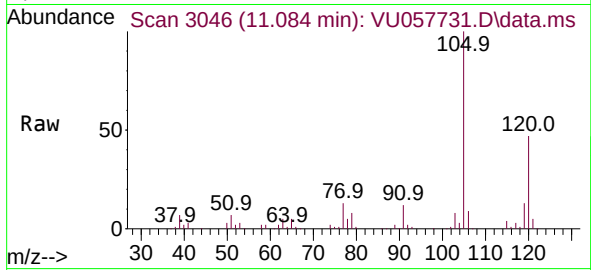




#62
1,3,5-Trimethylbenzene
Concen: 4.588 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

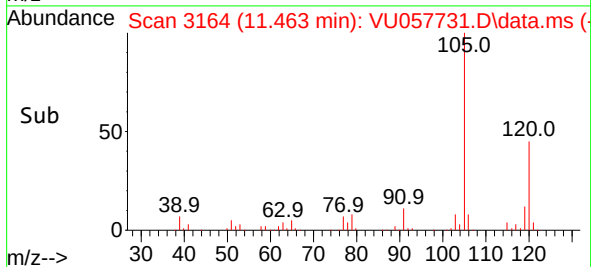
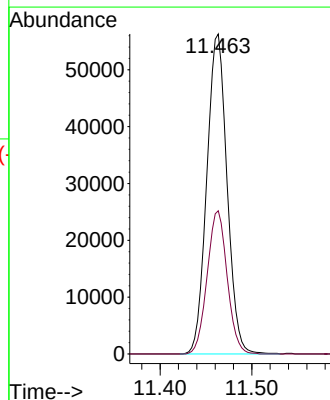
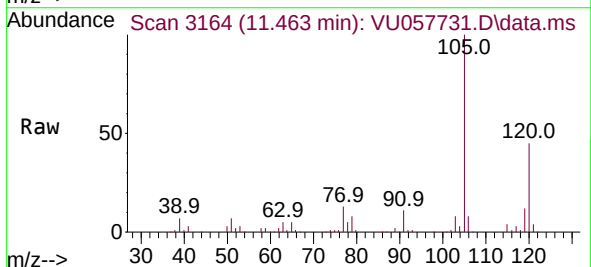
Instrument :
MSVOA_U
ClientSampleId :

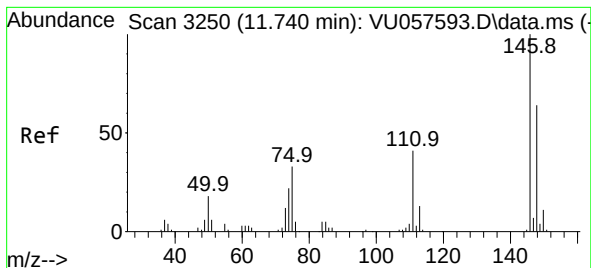
Tgt Ion:105 Resp: 85248
Ion Ratio Lower Upper
105 100
120 46.9 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 4.641 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion:105 Resp: 86303
Ion Ratio Lower Upper
105 100
120 44.2 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 4.550 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.003 min

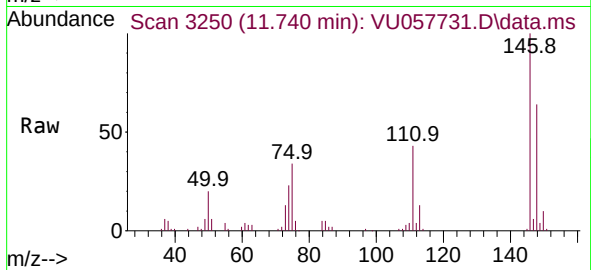
Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :



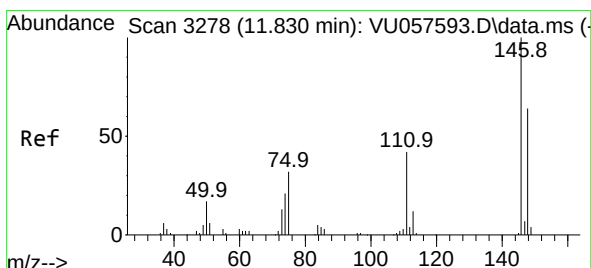
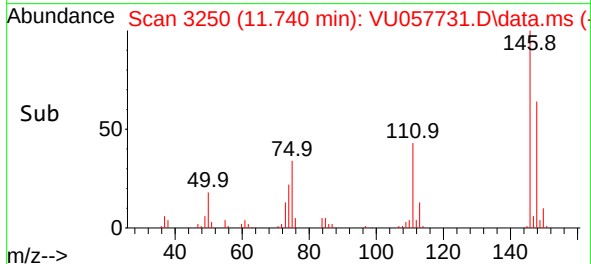
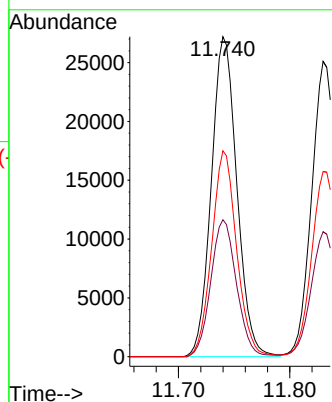
Tgt Ion:146 Resp: 43304

Ion Ratio Lower Upper

146 100

111 42.8 29.6 55.0

148 64.4 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.443 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

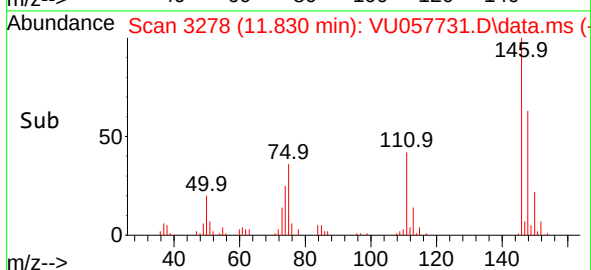
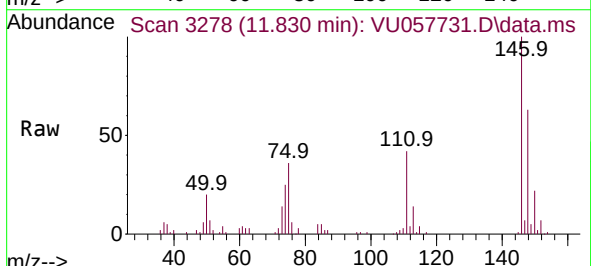
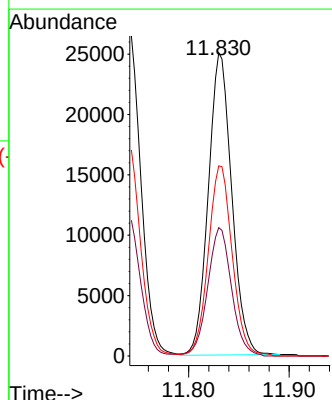
Tgt Ion:146 Resp: 40473

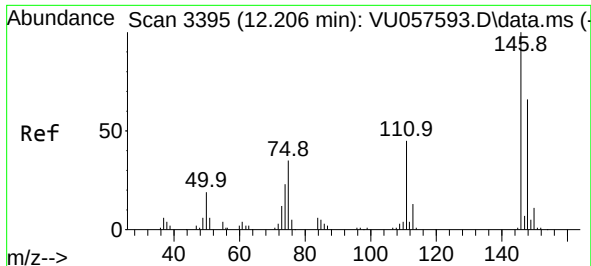
Ion Ratio Lower Upper

146 100

111 42.3 29.5 54.7

148 62.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.665 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :

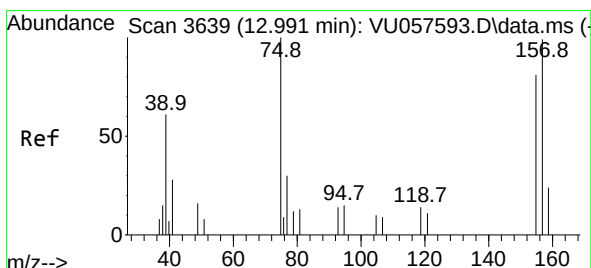
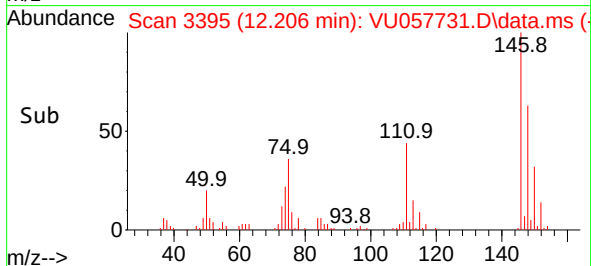
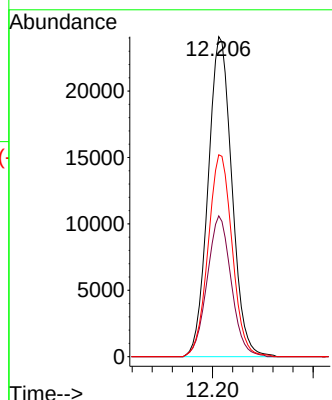
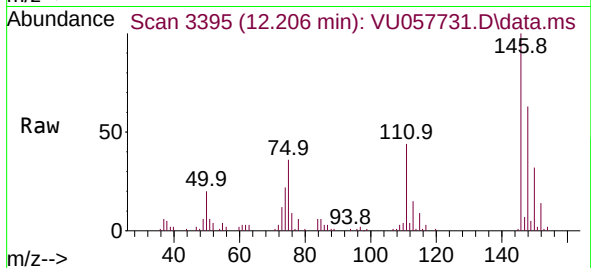
Tgt Ion:146 Resp: 39613

Ion Ratio Lower Upper

146 100

111 44.0 35.7 53.5

148 63.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.786 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

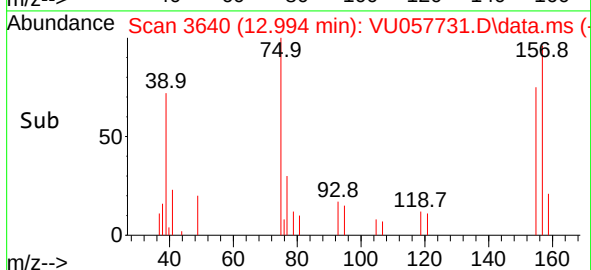
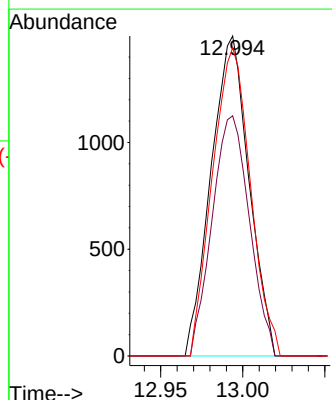
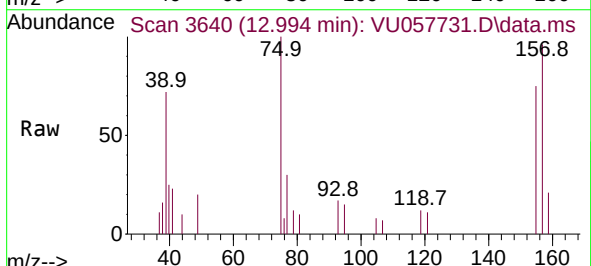
Tgt Ion: 75 Resp: 2406

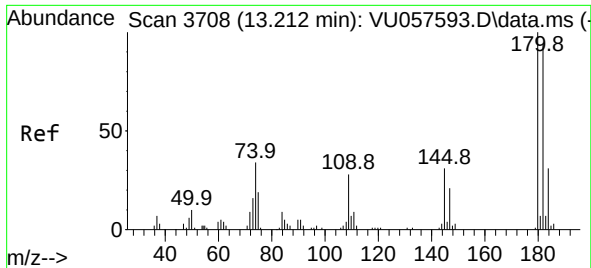
Ion Ratio Lower Upper

75 100

155 75.1 62.8 94.2

157 96.3 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 4.551 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

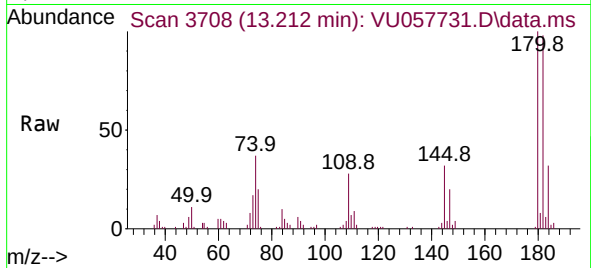
Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 31791

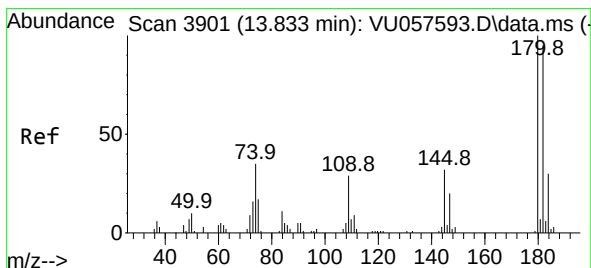
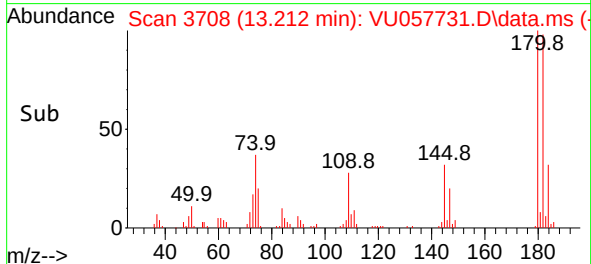
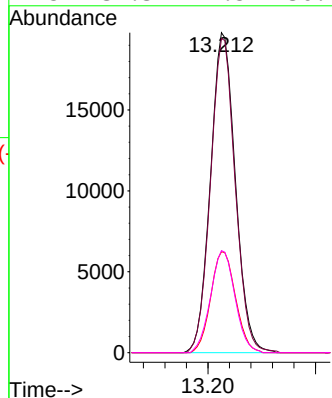
Ion Ratio Lower Upper

180 100

182 97.1 75.4 113.2

184 31.4 24.1 36.1

145 31.3 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.537 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057731.D

Acq: 30 Jan 2024 09:19

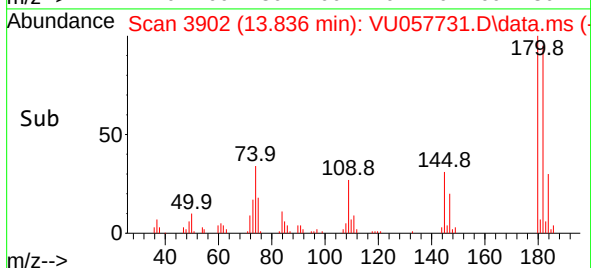
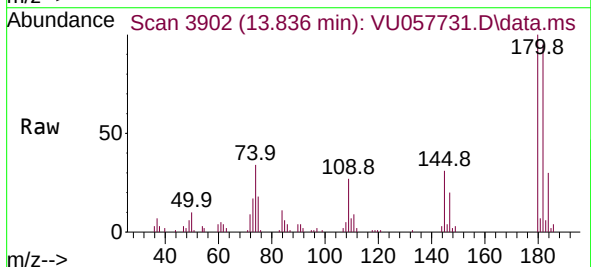
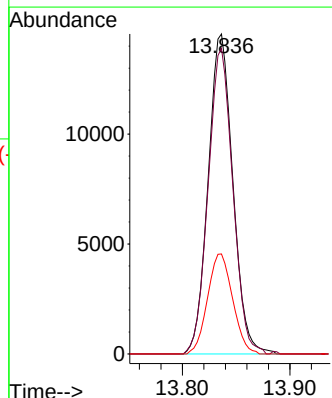
Tgt Ion:180 Resp: 23219

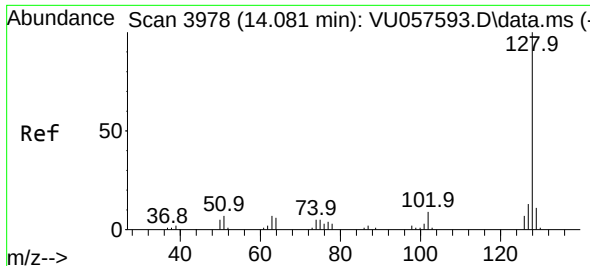
Ion Ratio Lower Upper

180 100

182 95.2 74.9 112.3

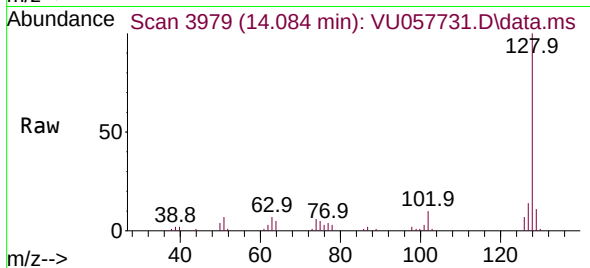
145 31.7 25.4 38.2



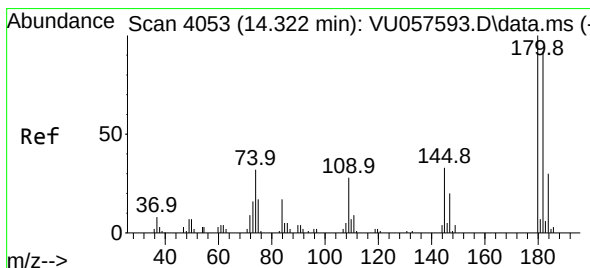
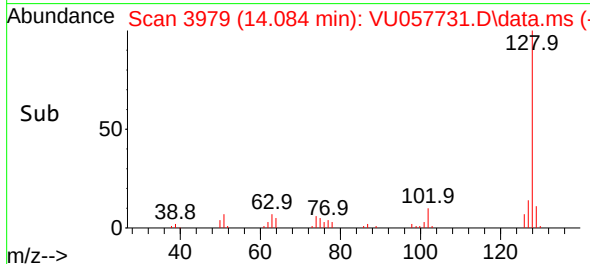
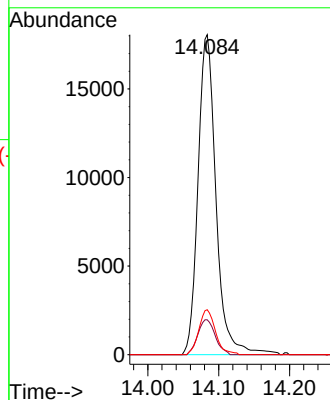


#71
Naphthalene
Concen: 4.391 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 31808
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.465 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057731.D
Acq: 30 Jan 2024 09:19

Tgt Ion:180 Resp: 17784
Ion Ratio Lower Upper
180 100
182 93.9 78.1 117.1
145 33.4 26.7 40.1

