

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057565.D
 Acq On : 23 Jan 2024 11:11
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	71111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	64719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	29226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	1628	0.249	ug/L	0.00
7) Chloroethane-d5	1.914	69	1561	0.306	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	65	773	0.275	ug/L	0.00
20) 2-Butanone-d5	4.673	46	1235	0.991	ug/L	0.03
24) Chloroform-d	5.062	84	3295	0.285	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.708	65	1341	0.242	ug/L	0.00
32) Benzene-d6	5.727	84	6340	0.300	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	1972	0.299	ug/L	0.00
41) Toluene-d8	7.901	98	6014	0.335	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	708	0.304	ug/L	0.00
46) 2-Hexanone-d5	8.643	63	2155	2.605	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.753	84	1191	0.258	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	1741	0.314	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	3025	0.616	ug/L	95
3) Chloromethane	1.518	50	3234	0.528	ug/L	99
5) Vinyl chloride	1.605	62	3191	0.576	ug/L	96
6) Bromomethane	1.856	94	1655	0.528	ug/L	95
8) Chloroethane	1.933	64	1977	0.578	ug/L	91
9) Trichlorofluoromethane	2.139	101	4885	0.633	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2741	0.572	ug/L	98
12) 1,1-Dichloroethene	2.579	96	2579	0.593	ug/L	99
13) Acetone	2.669	43	4017	4.980	ug/L	84
14) Carbon disulfide	2.792	76	8565	0.681	ug/L	97
15) Methyl Acetate	2.965	43	626	0.343	ug/L #	49
16) Methylene chloride	3.046	84	2903	0.513	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	5645	0.529	ug/L #	90
18) trans-1,2-Dichloroethene	3.354	96	2713	0.624	ug/L	99
19) 1,1-Dichloroethane	3.865	63	4871	0.519	ug/L	97
21) 2-Butanone	4.740	43	3851	3.391	ug/L #	68
22) cis-1,2-Dichloroethene	4.666	96	2739	0.549	ug/L	100
23) Bromochloromethane	4.975	128	1036	0.486	ug/L	96
25) Chloroform	5.087	83	5349	0.546	ug/L	89
27) 1,2-Dichloroethane	5.795	62	2835	0.482	ug/L #	76
29) 1,1,1-Trichloroethane	5.312	97	4846	0.607	ug/L	93
30) Cyclohexane	5.386	56	4613	0.682	ug/L	99
31) Carbon tetrachloride	5.525	117	4029	0.597	ug/L	95
33) Benzene	5.772	78	11122	0.587	ug/L	100
34) Trichloroethene	6.544	95	3086	0.614	ug/L	92
35) Methylcyclohexane	6.759	83	4883	0.693	ug/L	97
37) 1,2-Dichloropropane	6.788	63	2696	0.511	ug/L #	89
38) Bromodichloromethane	7.103	83	3744	0.578	ug/L	91
39) cis-1,3-Dichloropropene	7.611	75	4105	0.568	ug/L	94
40) 4-Methyl-2-pentanone	7.795	43	12676	4.958	ug/L	97
42) Toluene	7.968	91	11560	0.610	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	3104	0.530	ug/L	92

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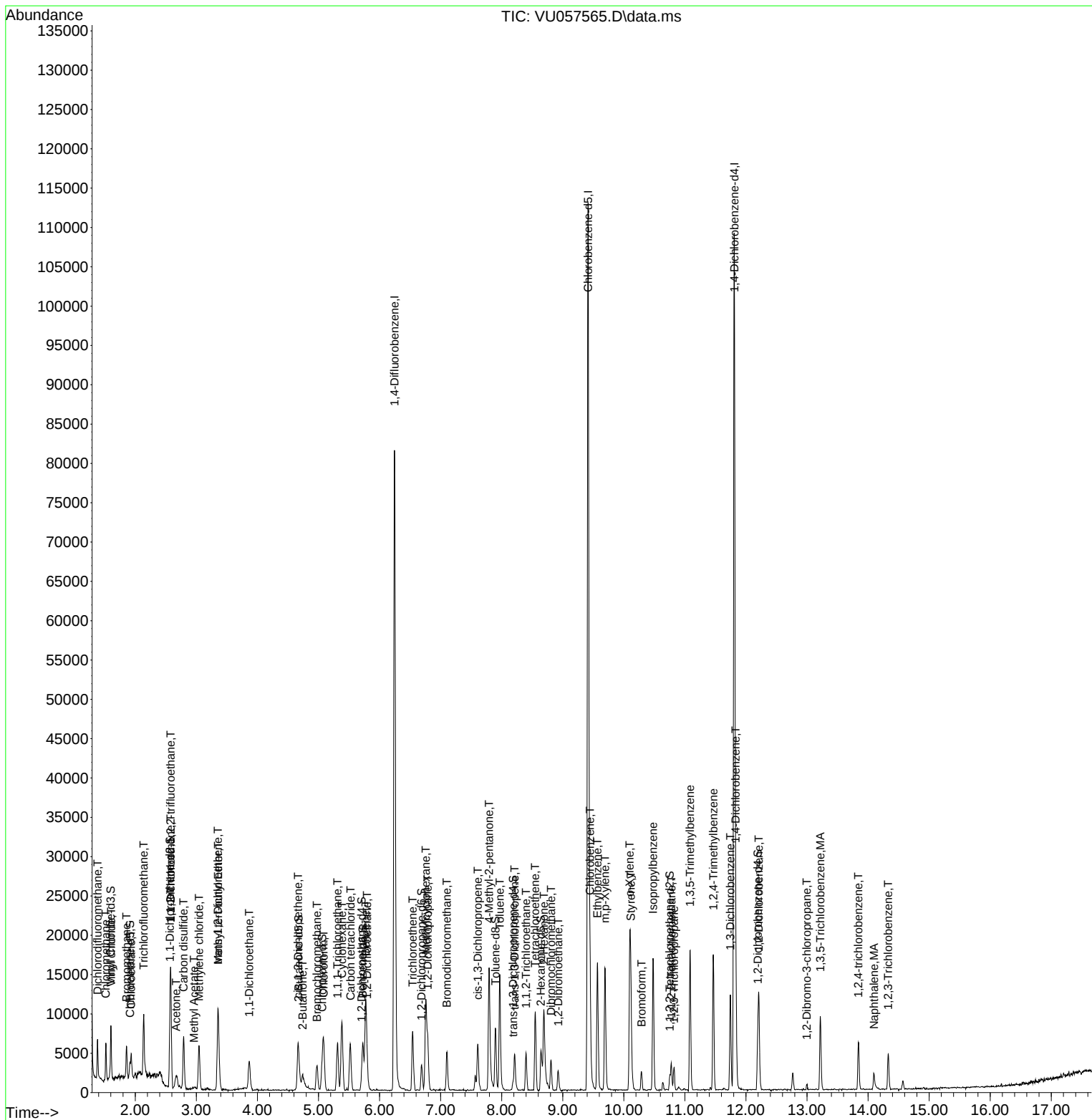
Quant Time: Jan 24 00:27:30 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
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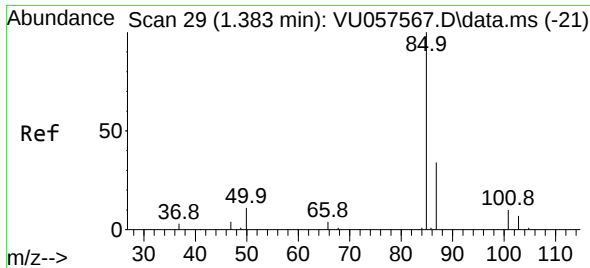
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	1759	0.520	ug/L	91
47) Tetrachloroethene	8.550	164	2223	0.645	ug/L	91
48) 2-Hexanone	8.692	43	9193	4.947	ug/L #	95
49) Dibromochloromethane	8.807	129	2206	0.575	ug/L	97
50) 1,2-Dibromoethane	8.926	107	1664	0.569	ug/L #	98
51) Chlorobenzene	9.447	112	7150	0.571	ug/L	98
52) Ethylbenzene	9.569	91	12895	0.618	ug/L	96
53) m,p-Xylene	9.692	106	4776	0.638	ug/L	100
54) o-Xylene	10.097	106	4563	0.626	ug/L	96
55) Styrene	10.116	104	6564	0.560	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	2046	0.480	ug/L	97
59) Bromoform	10.290	173	1098	0.529	ug/L #	96
60) Isopropylbenzene	10.479	105	11973	0.648	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	1519	0.535	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.084	105	10329	0.704	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	10001	0.682	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	5333	0.617	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	5151	0.602	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	4690	0.589	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	204	0.384	ug/L #	50
69) 1,3,5-Trichlorobenzene	13.219	180	3533	0.591	ug/L	99
70) 1,2,4-trichlorobenzene	13.843	180	2410	0.586	ug/L	98
71) Naphthalene	14.097	128	3298	0.561	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.328	180	1883	0.558	ug/L	96

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

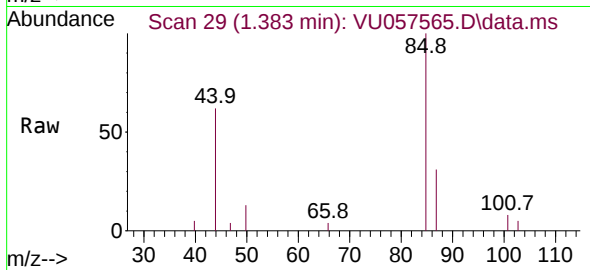
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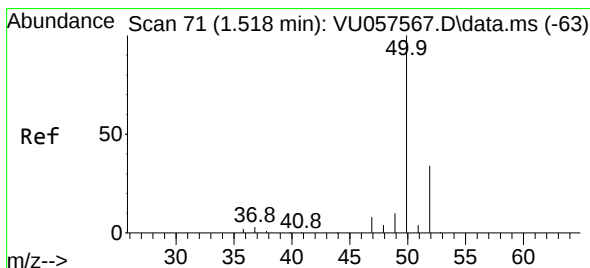
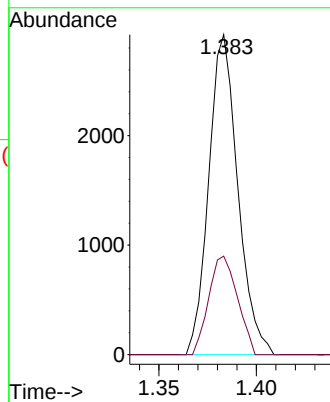
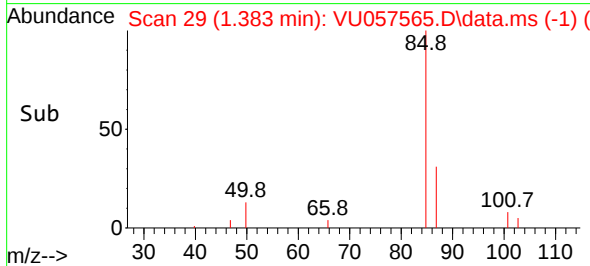


#2
 Dichlorodifluoromethane
 Concen: 0.616 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

Instrument :
 MSVOA_U
 ClientSampleId :

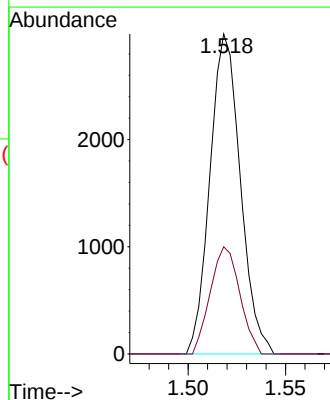
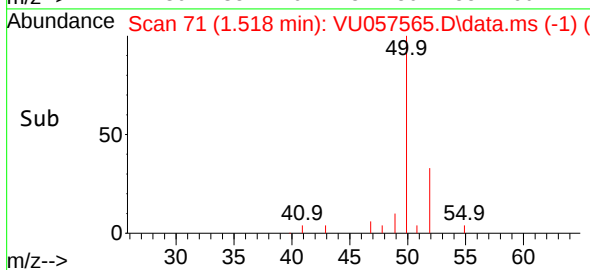
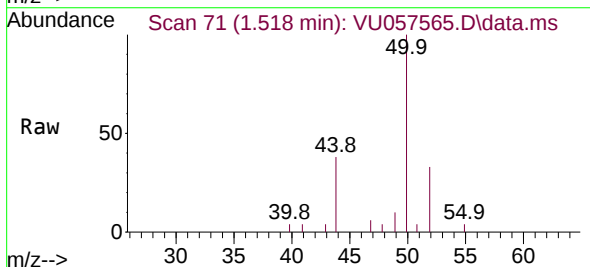


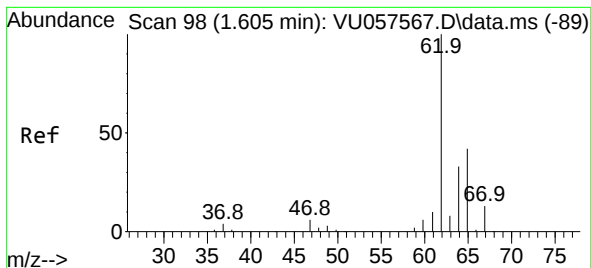
Tgt Ion: 85 Resp: 3025
 Ion Ratio Lower Upper
 85 100
 87 30.3 26.4 39.6



#3
 Chloromethane
 Concen: 0.528 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

Tgt Ion: 50 Resp: 3234
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 43.9





#5

Vinyl chloride

Concen: 0.576 ug/L

RT: 1.605 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

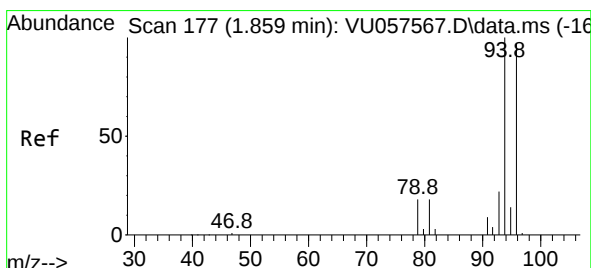
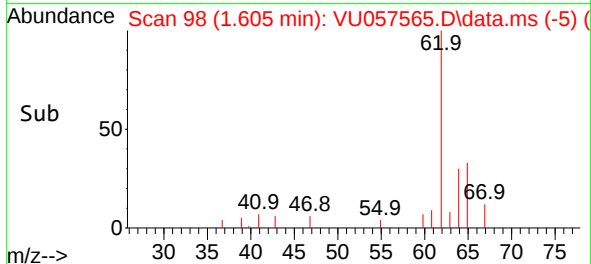
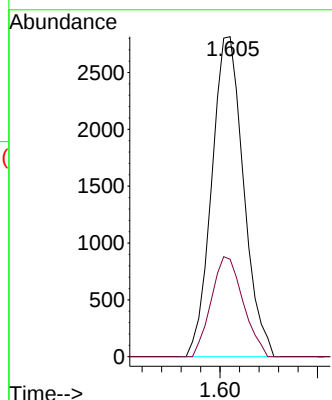
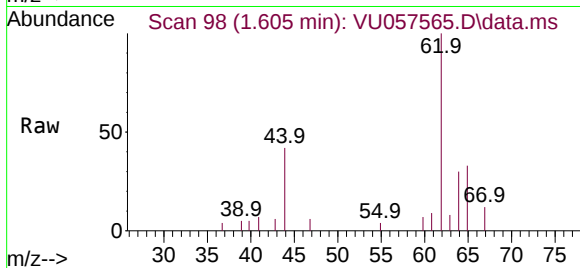
ClientSampleId :

Tgt Ion: 62 Resp: 3191

Ion Ratio Lower Upper

62 100

64 30.5 22.8 42.4



#6

Bromomethane

Concen: 0.528 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.003 min

Lab File: VU057565.D

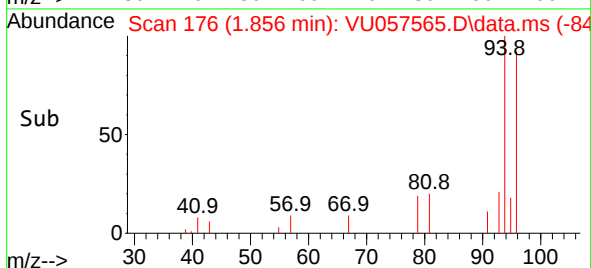
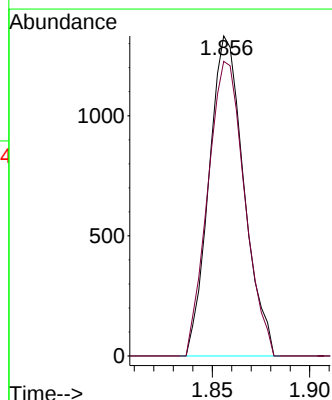
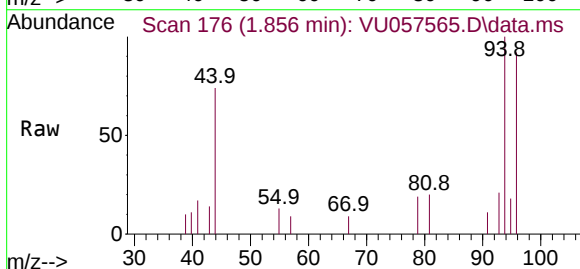
Acq: 23 Jan 2024 11:11

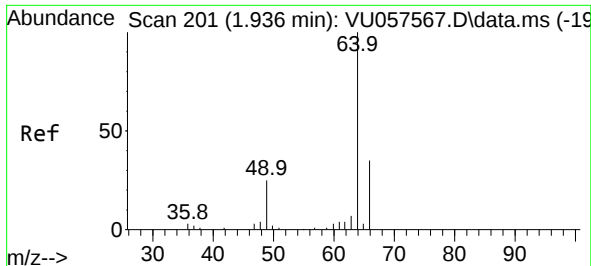
Tgt Ion: 94 Resp: 1655

Ion Ratio Lower Upper

94 100

96 92.0 68.0 126.4





#8

Chloroethane

Concen: 0.578 ug/L

RT: 1.933 min Scan# 201

Delta R.T. -0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

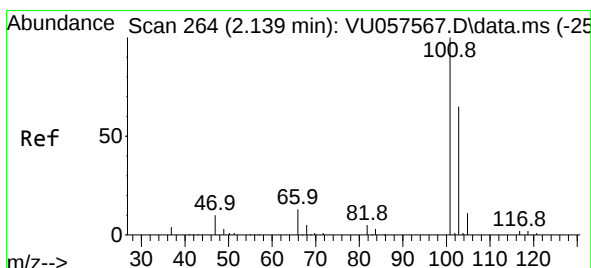
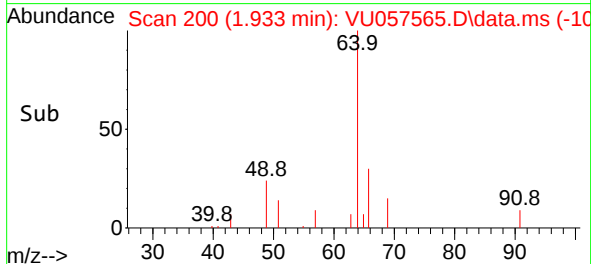
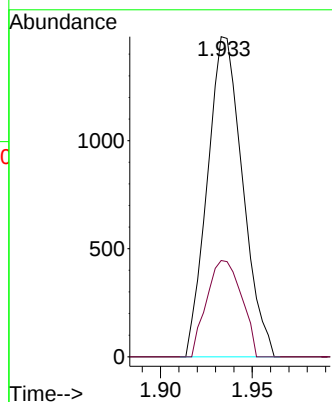
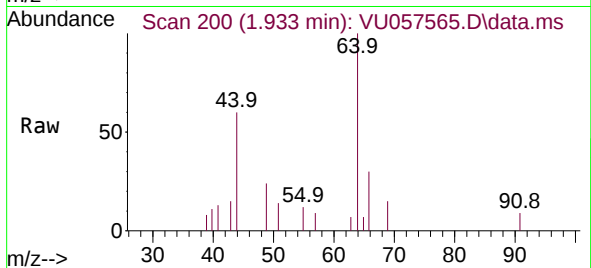
ClientSampleId :

Tgt Ion: 64 Resp: 1977

Ion Ratio Lower Upper

64 100

66 30.0 24.5 45.5



#9

Trichlorofluoromethane

Concen: 0.633 ug/L

RT: 2.139 min Scan# 264

Delta R.T. 0.000 min

Lab File: VU057565.D

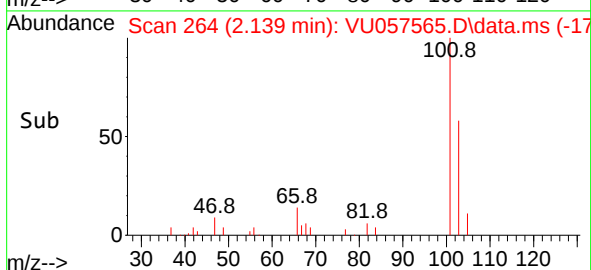
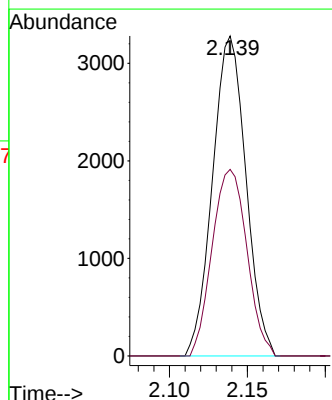
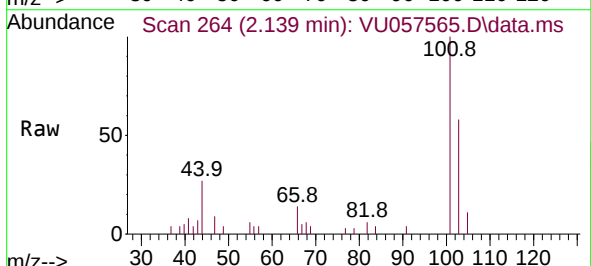
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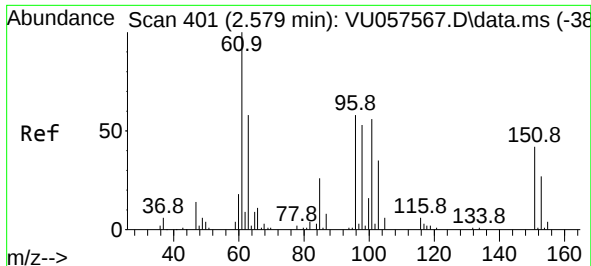
Tgt Ion:101 Resp: 4885

Ion Ratio Lower Upper

101 100

103 60.6 52.2 78.2

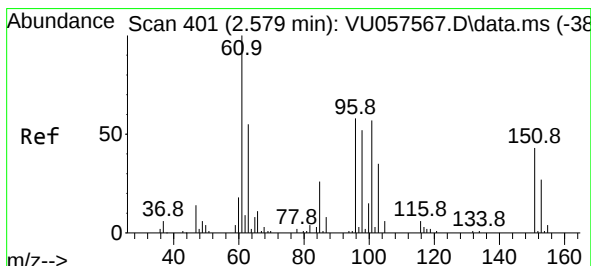
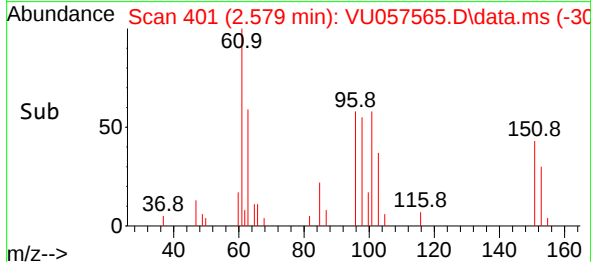
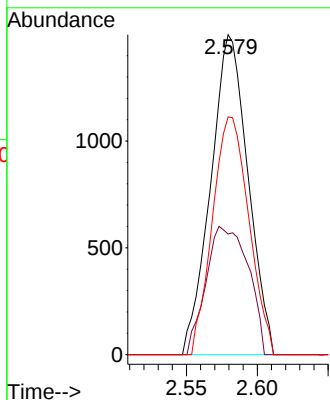
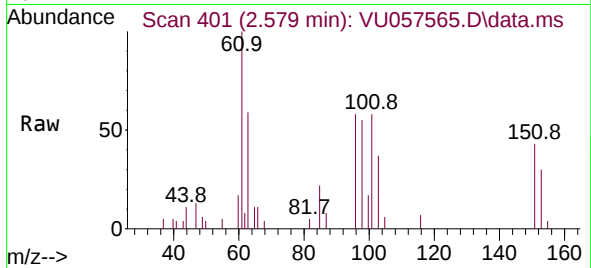




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.572 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

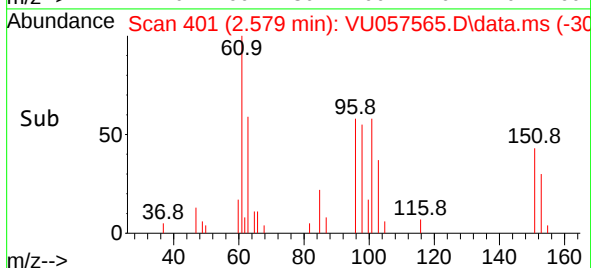
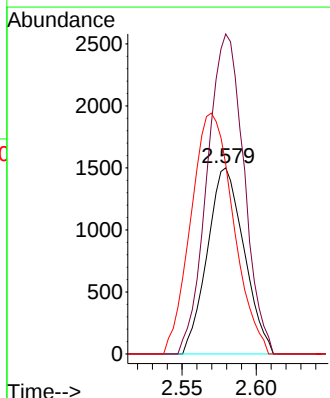
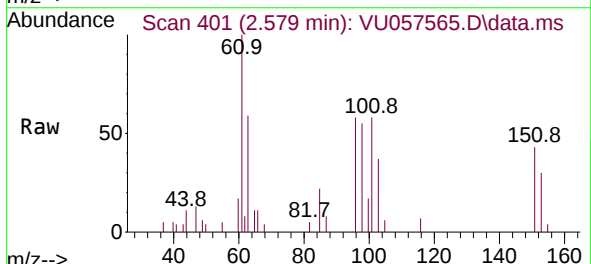
Instrument :
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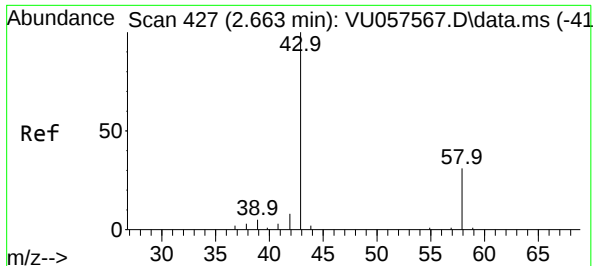
Tgt Ion: 101 Resp: 2741
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.8 53.8
 151 72.6 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 0.593 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

Tgt Ion: 96 Resp: 2579
 Ion Ratio Lower Upper
 96 100
 61 171.9 120.7 224.1
 63 101.9 72.5 134.7





#13

Acetone

Concen: 4.980 ug/L

RT: 2.669 min Scan# 429

Delta R.T. 0.006 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

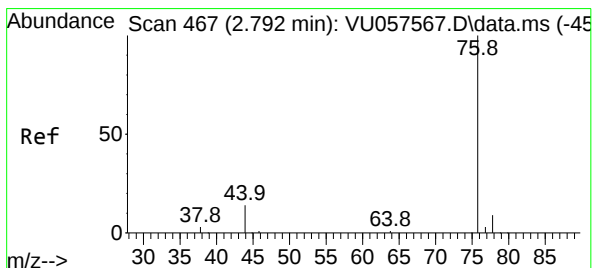
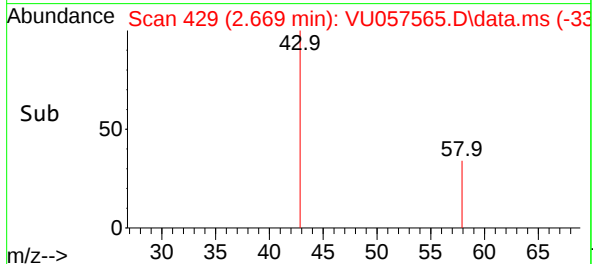
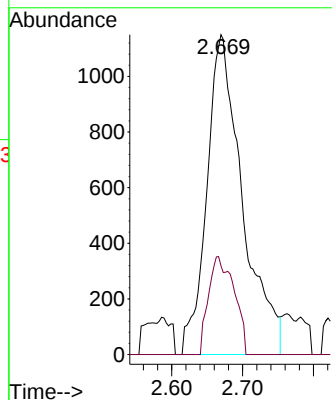
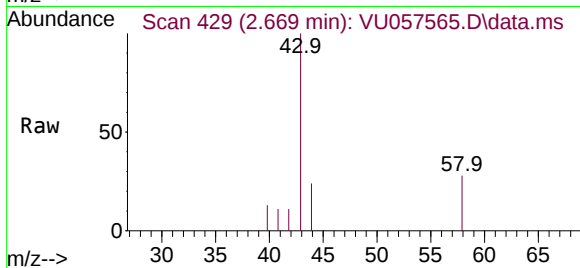
ClientSampleId :

Tgt Ion: 43 Resp: 4017

Ion Ratio Lower Upper

43 100

58 22.0 0.0 61.4



#14

Carbon disulfide

Concen: 0.681 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057565.D

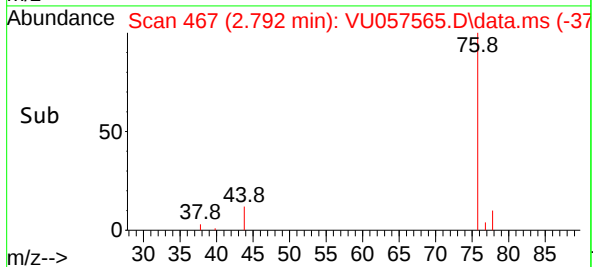
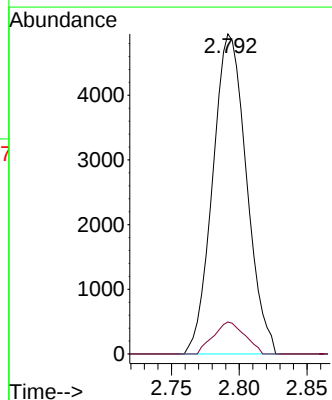
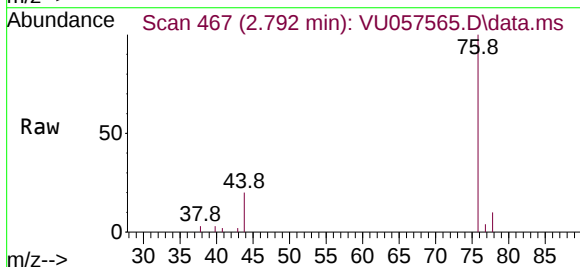
Acq: 23 Jan 2024 11:11

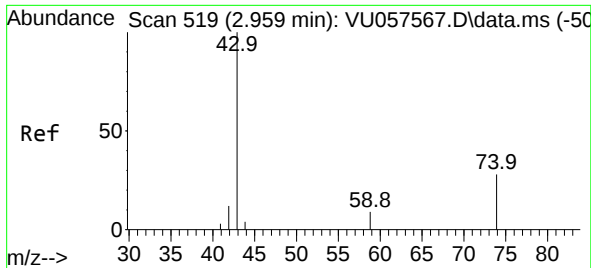
Tgt Ion: 76 Resp: 8565

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9

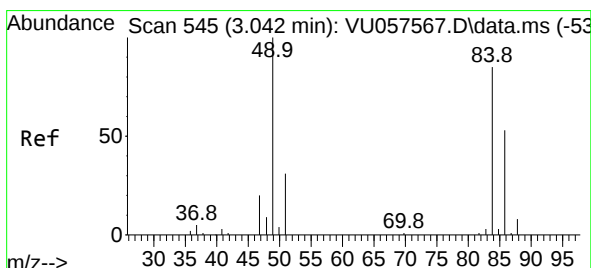
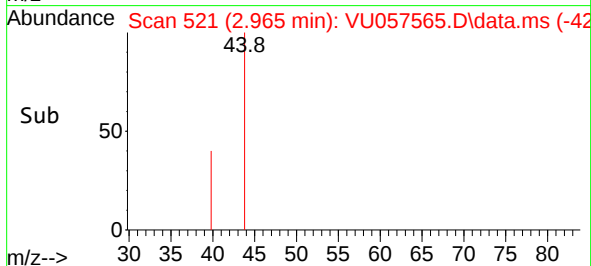
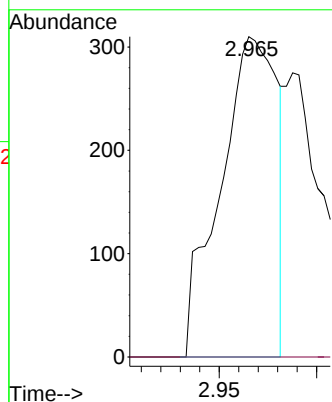
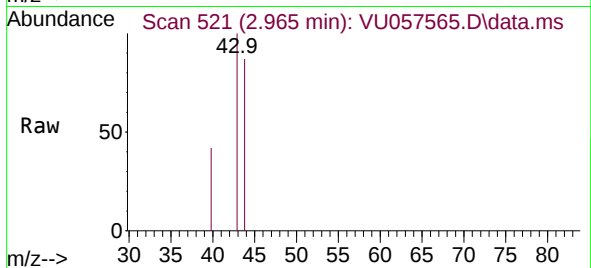




#15
Methyl Acetate
Concen: 0.343 ug/L
RT: 2.965 min Scan# 519
Delta R.T. 0.006 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

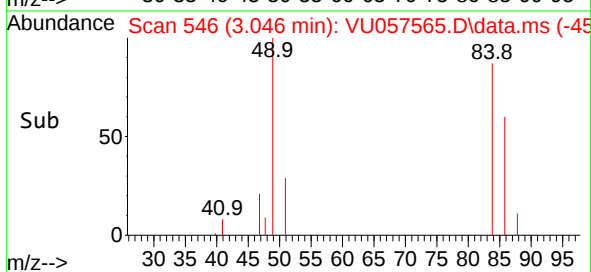
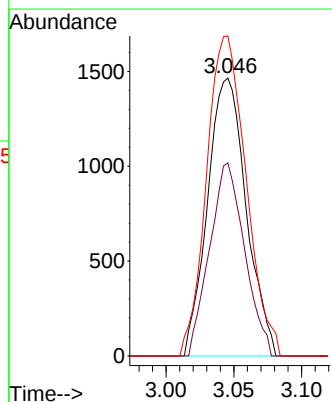
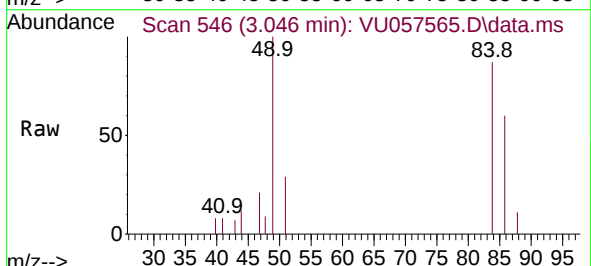
Instrument :
MSVOA_U
ClientSampleId :

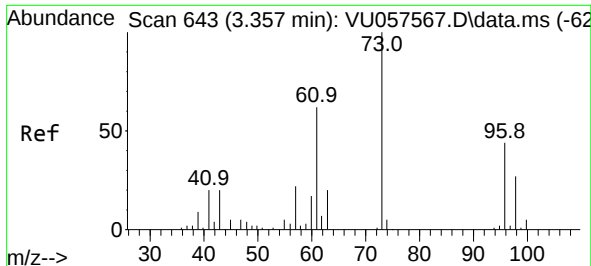
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#16
Methylene chloride
Concen: 0.513 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 84 Resp: 2903
Ion Ratio Lower Upper
84 100
86 69.5 43.5 80.9
49 115.2 82.5 153.1





#17

Methyl tert-butyl Ether

Concen: 0.529 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :

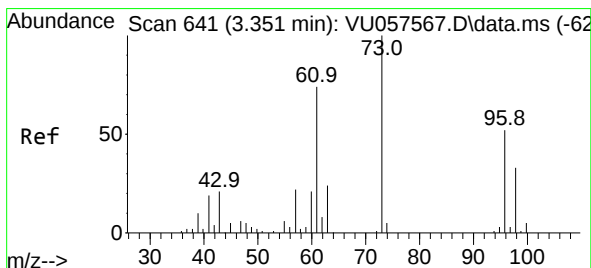
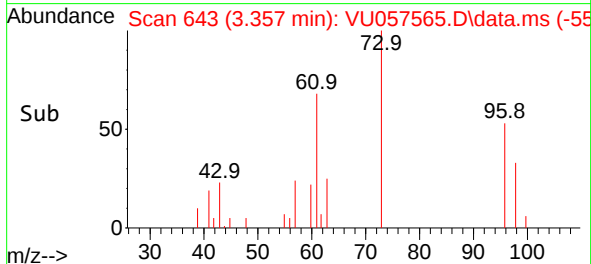
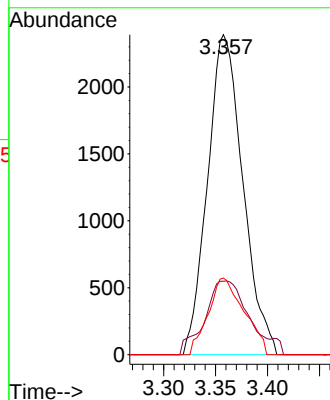
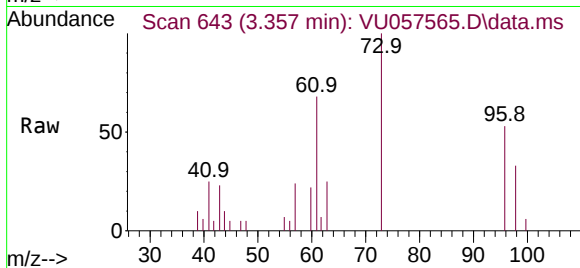
Tgt Ion: 73 Resp: 5645

Ion Ratio Lower Upper

73 100

43 29.1 17.3 25.9#

57 24.4 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.624 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

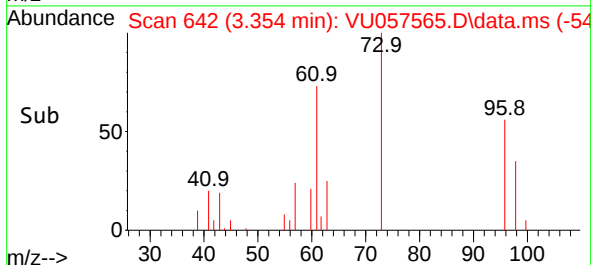
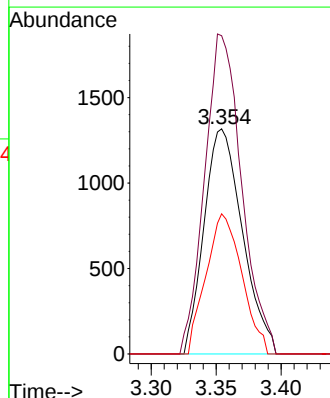
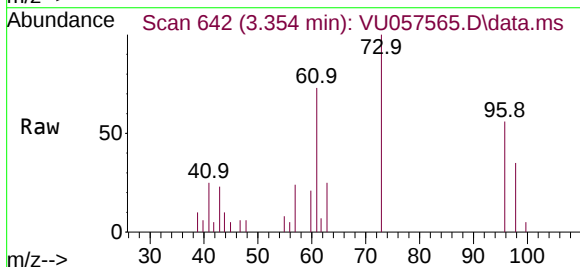
Tgt Ion: 96 Resp: 2713

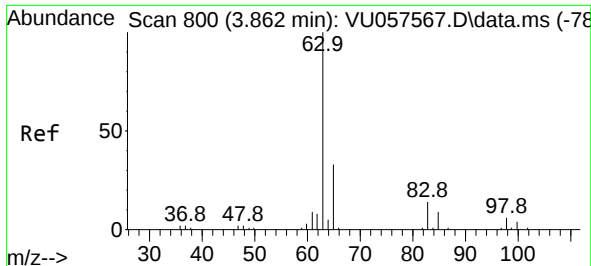
Ion Ratio Lower Upper

96 100

61 141.4 99.3 184.5

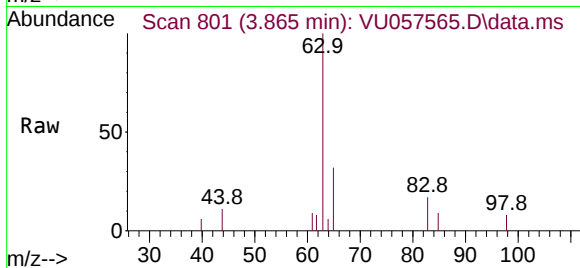
98 62.3 44.5 82.7



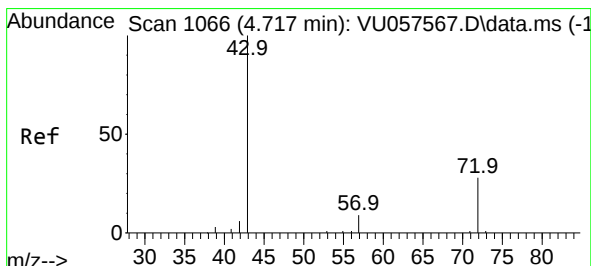
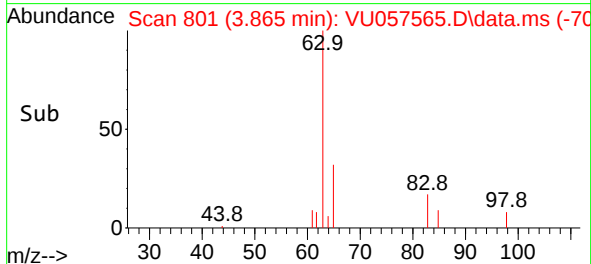
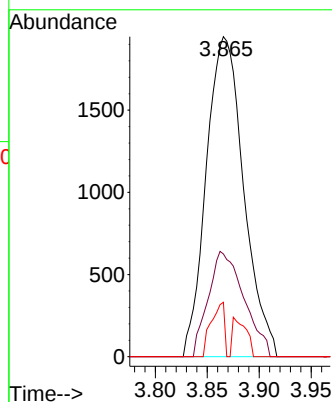


#19
1,1-Dichloroethane
Concen: 0.519 ug/L
RT: 3.865 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :

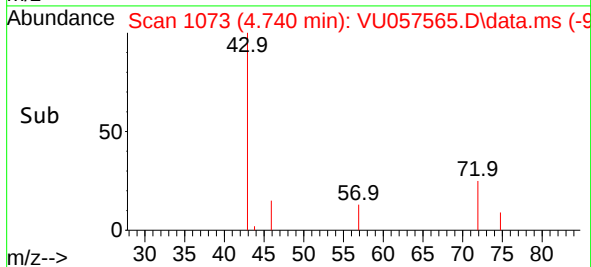
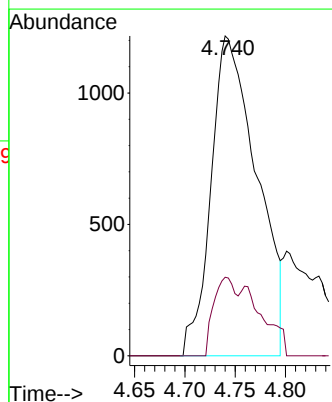
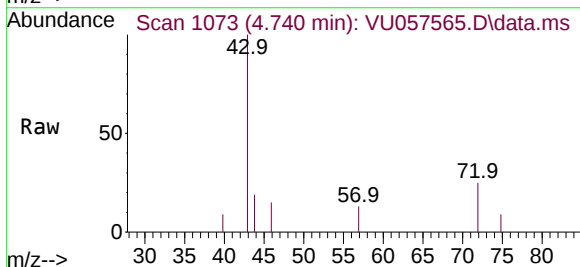


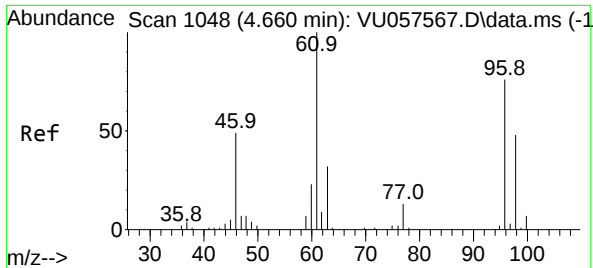
Tgt Ion: 63 Resp: 4871
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.8
83 17.0 9.7 17.9



#21
2-Butanone
Concen: 3.391 ug/L
RT: 4.740 min Scan# 1073
Delta R.T. 0.023 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 43 Resp: 3851
Ion Ratio Lower Upper
43 100
72 12.1 14.7 44.1#



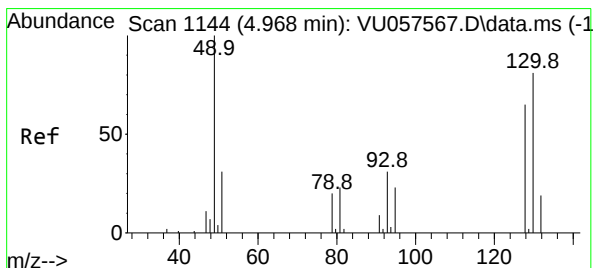
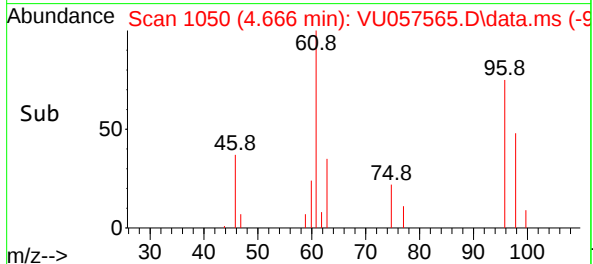
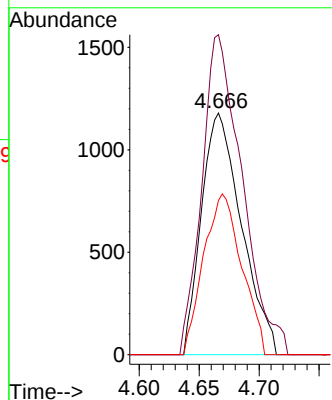
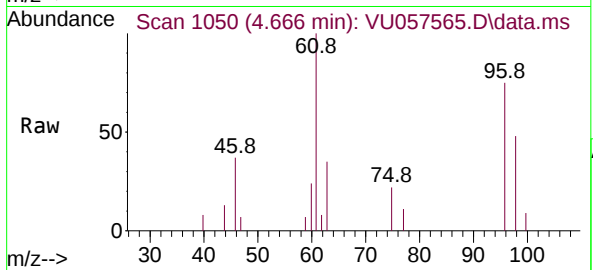


#22
 cis-1,2-Dichloroethene
 Concen: 0.549 ug/L
 RT: 4.666 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 2739

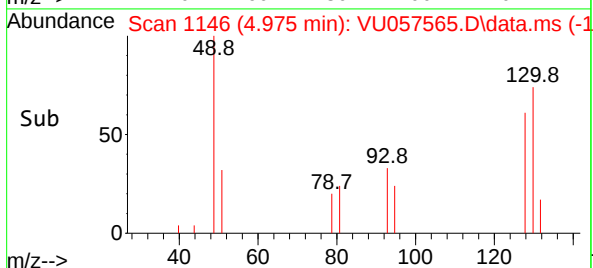
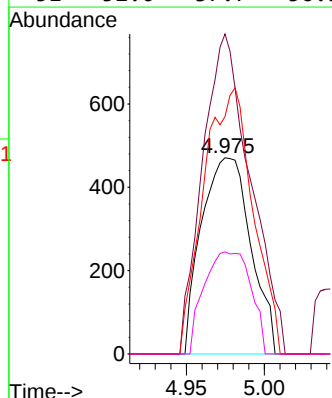
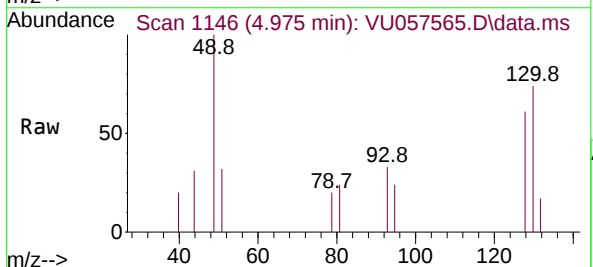
Ion	Ratio	Lower	Upper
96	100		
61	132.5	92.7	172.1
98	63.8	44.9	83.5

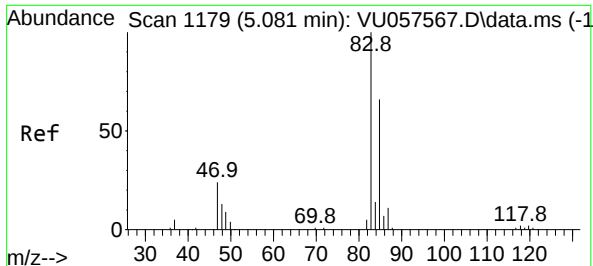


#23
 Bromochloromethane
 Concen: 0.486 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.006 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

Tgt Ion: 128 Resp: 1036

Ion	Ratio	Lower	Upper
128	100		
49	163.1	111.5	207.1
130	121.0	87.2	162.0
51	52.0	37.7	56.5





#25

Chloroform

Concen: 0.546 ug/L

RT: 5.087 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

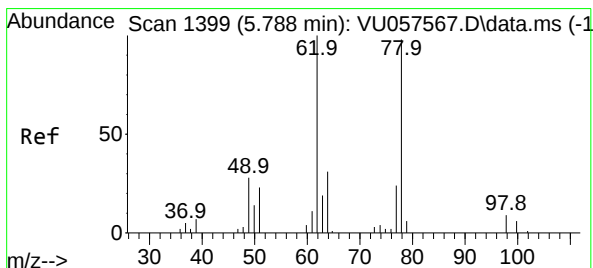
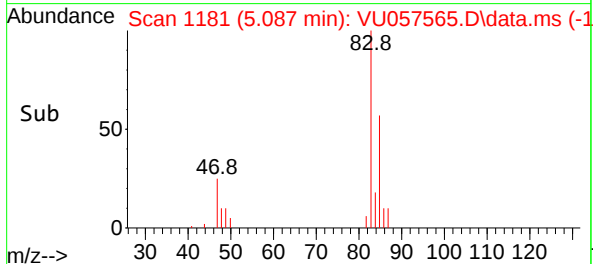
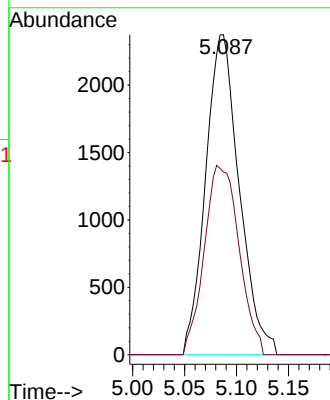
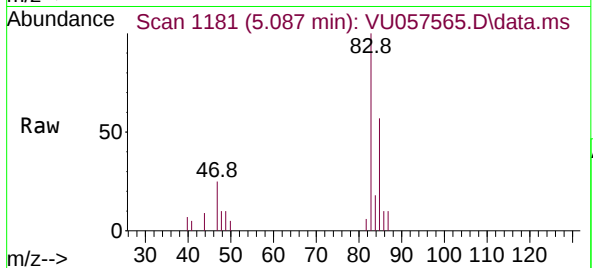
ClientSampleId :

Tgt Ion: 83 Resp: 5349

Ion Ratio Lower Upper

83 100

85 57.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 0.482 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU057565.D

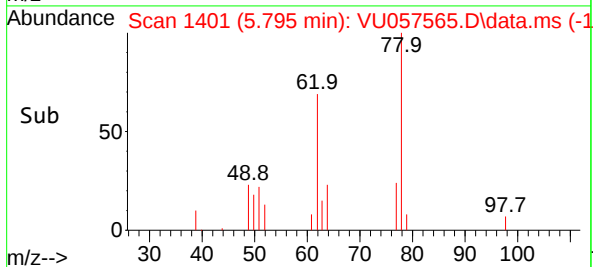
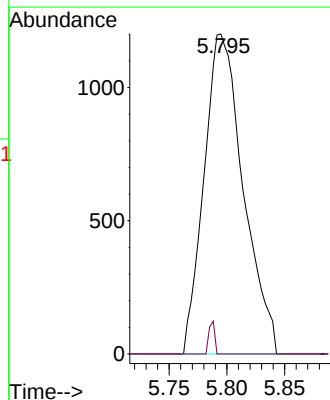
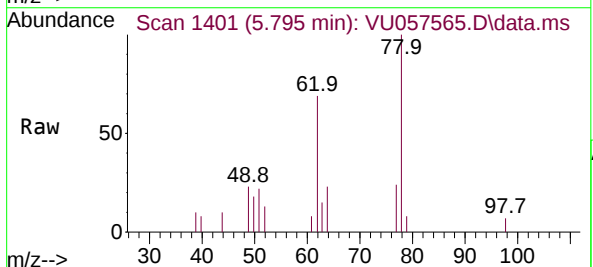
Acq: 23 Jan 2024 11:11

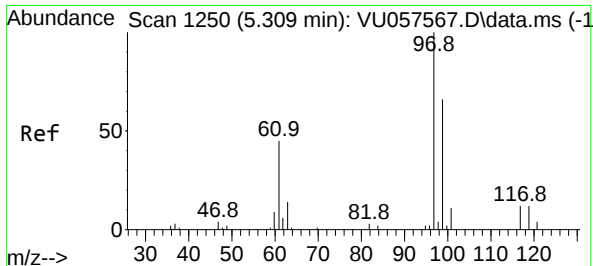
Tgt Ion: 62 Resp: 2835

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#29

1,1,1-Trichloroethane

Concen: 0.607 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :

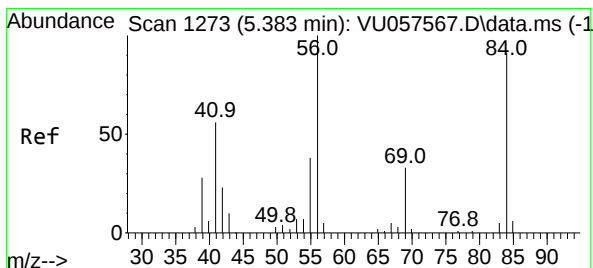
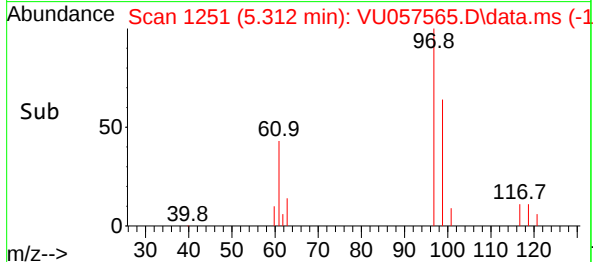
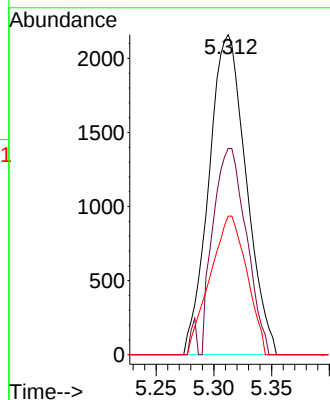
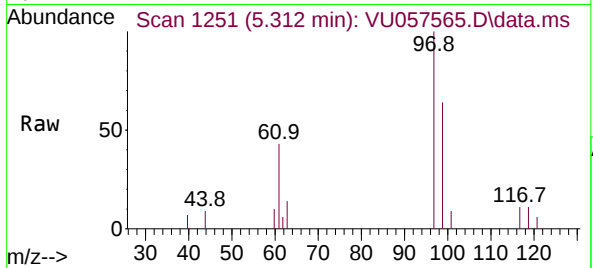
Tgt Ion: 97 Resp: 4846

Ion Ratio Lower Upper

97 100

99 57.4 52.0 78.0

61 42.6 35.3 52.9



#30

Cyclohexane

Concen: 0.682 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

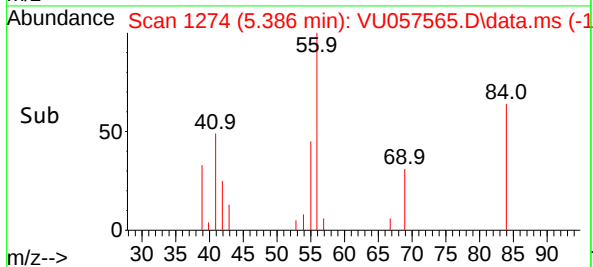
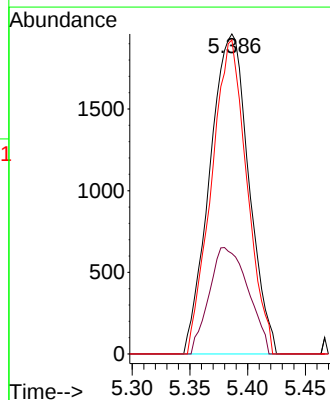
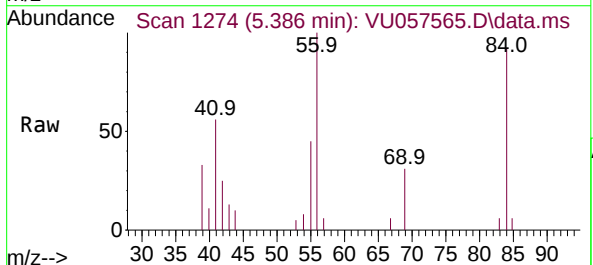
Tgt Ion: 56 Resp: 4613

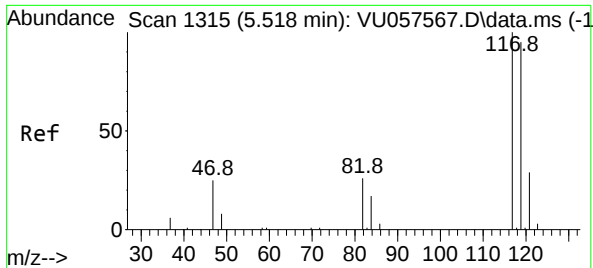
Ion Ratio Lower Upper

56 100

69 33.2 25.8 38.8

84 89.0 72.0 108.0

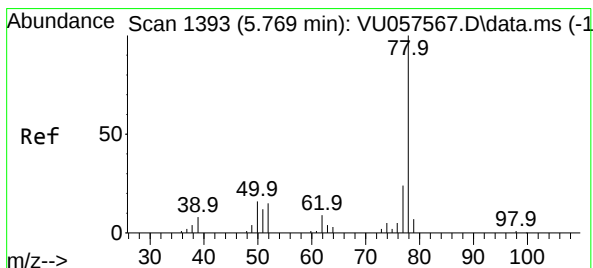
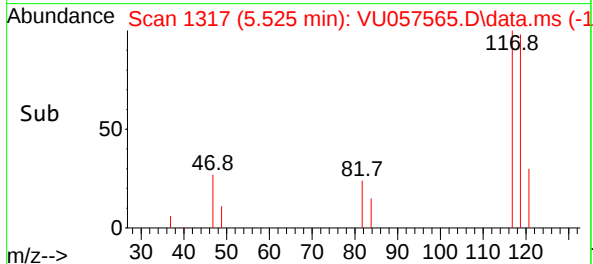
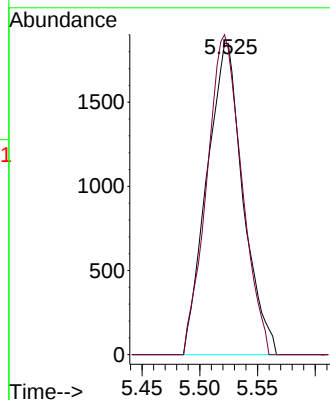
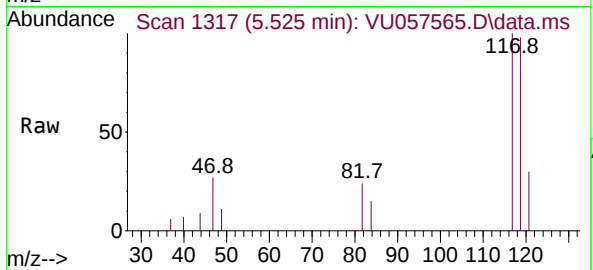




#31
Carbon tetrachloride
Concen: 0.597 ug/L
RT: 5.525 min Scan# 111
Delta R.T. 0.006 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

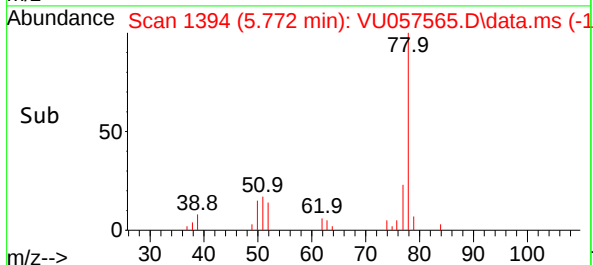
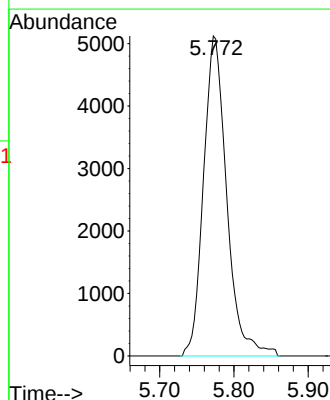
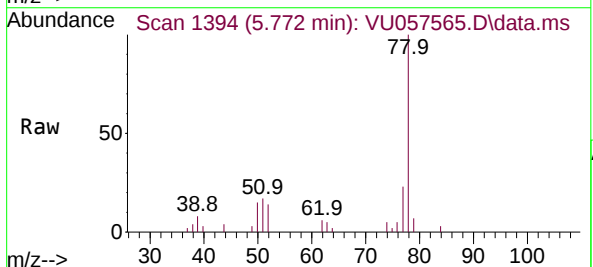
Instrument :
MSVOA_U
ClientSampleId :

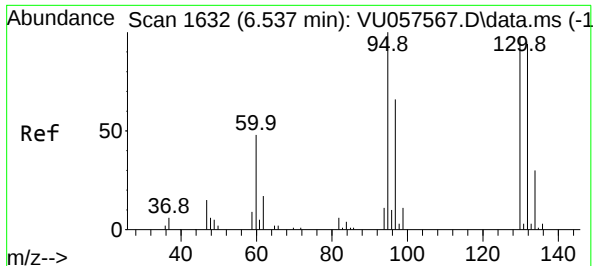
Tgt Ion:117 Resp: 4029
Ion Ratio Lower Upper
117 100
119 99.5 75.6 113.4



#33
Benzene
Concen: 0.587 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 78 Resp: 11122

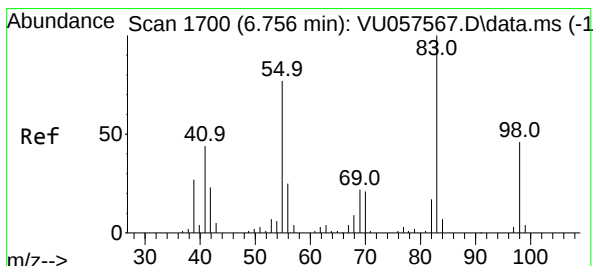
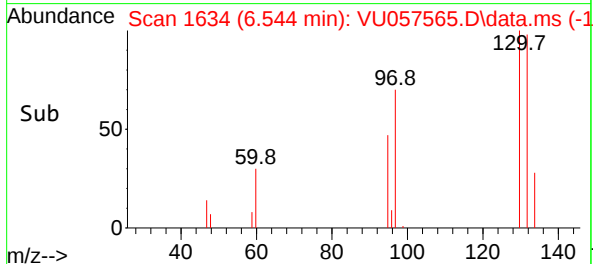
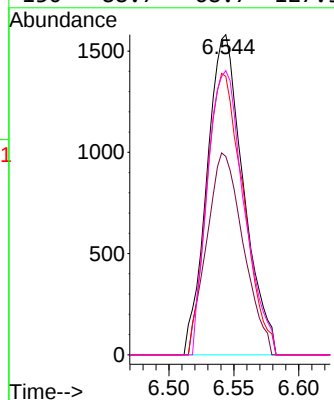
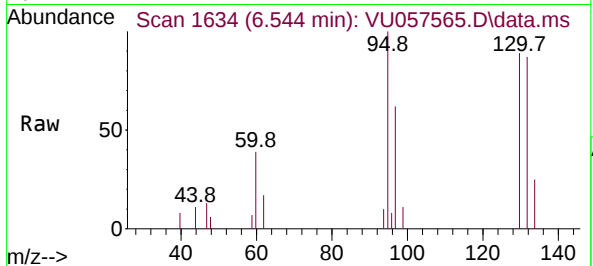




#34
Trichloroethene
Concen: 0.614 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

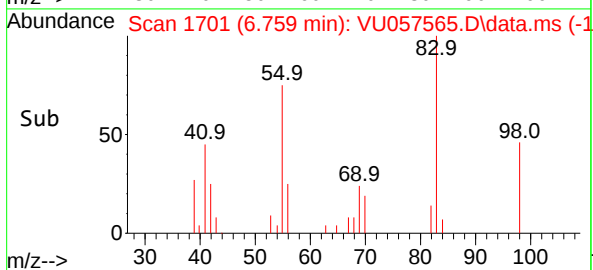
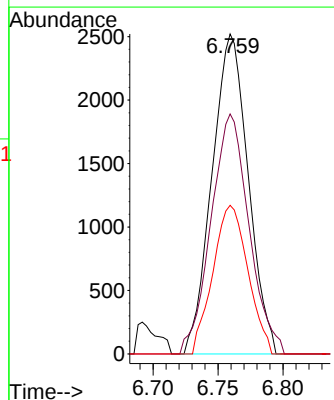
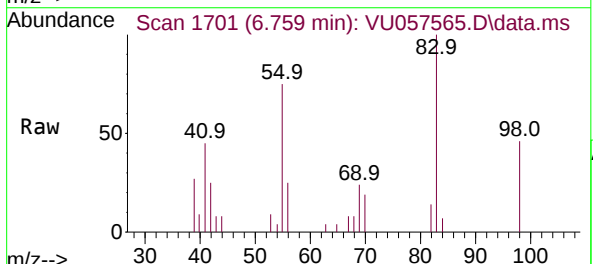
Instrument :
MSVOA_U
ClientSampleId :

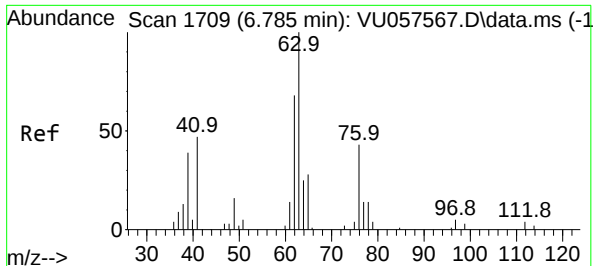
Tgt Ion: 95 Resp: 3086
Ion Ratio Lower Upper
95 100
97 62.0 46.1 85.5
132 87.0 66.1 122.8
130 88.7 68.7 127.5



#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 83 Resp: 4883
Ion Ratio Lower Upper
83 100
55 78.9 61.4 92.0
98 44.9 38.2 57.4





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

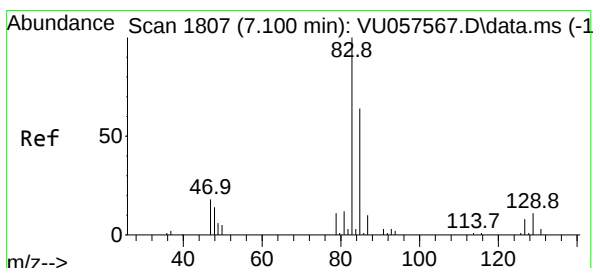
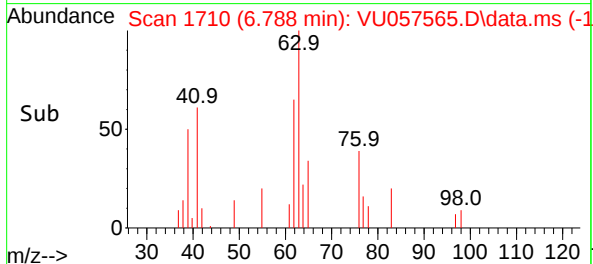
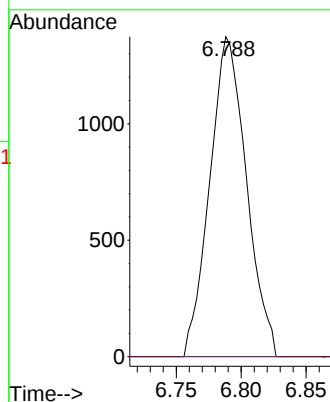
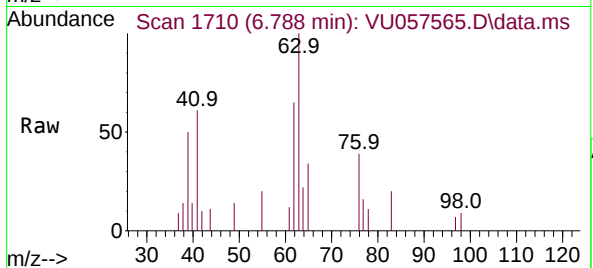
ClientSampleId :

Tgt Ion: 63 Resp: 2696

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#38

Bromodichloromethane

Concen: 0.578 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

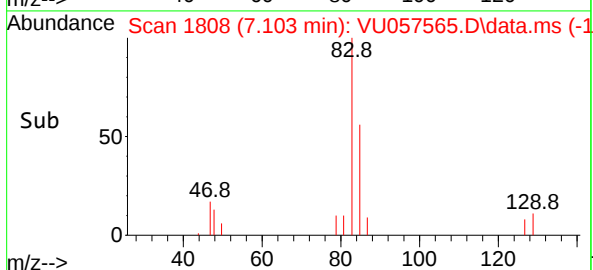
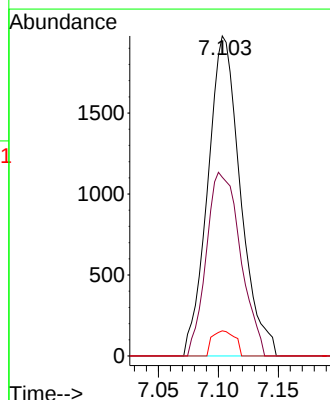
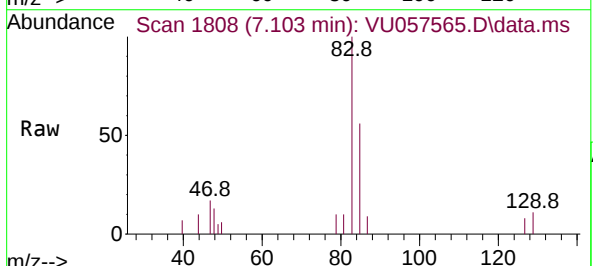
Tgt Ion: 83 Resp: 3744

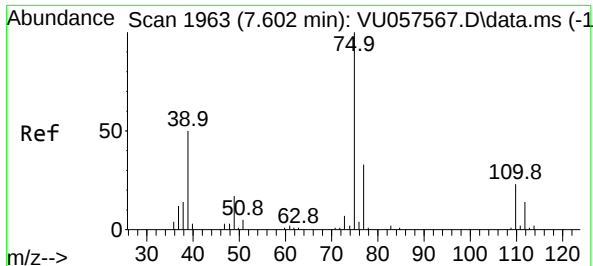
Ion Ratio Lower Upper

83 100

85 55.9 44.7 83.1

127 7.8 6.4 9.6

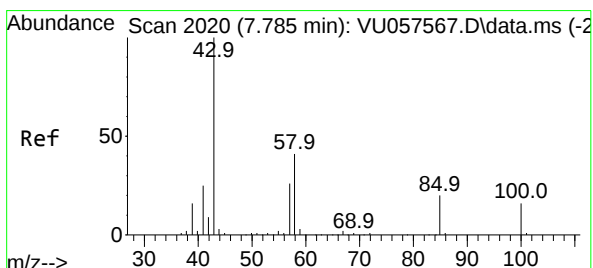
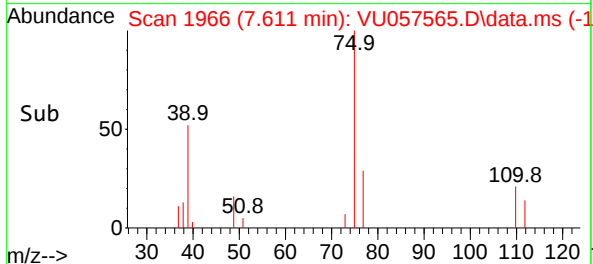
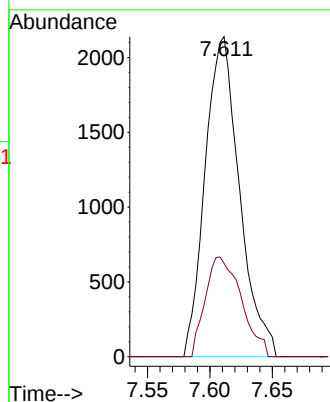
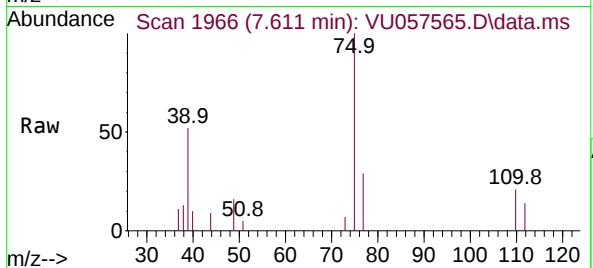




#39
 cis-1,3-Dichloropropene
 Concen: 0.568 ug/L
 RT: 7.611 min Scan# 1966
 Delta R.T. 0.010 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

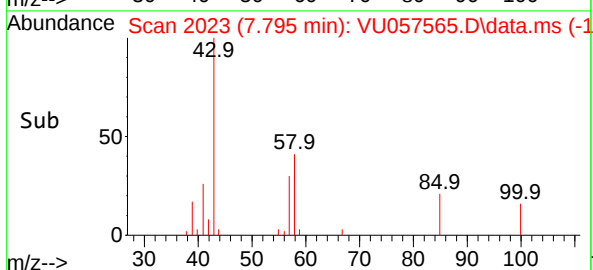
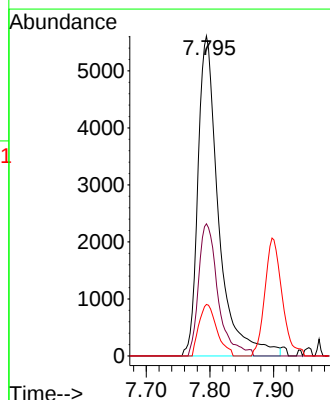
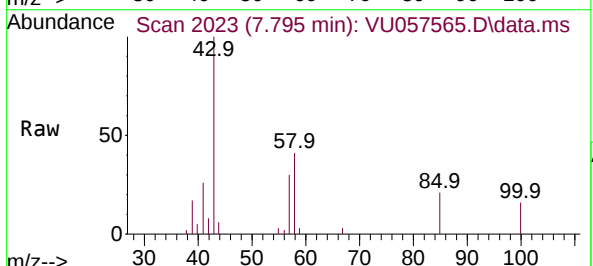
Instrument :
 MSVOA_U
 ClientSampleId :

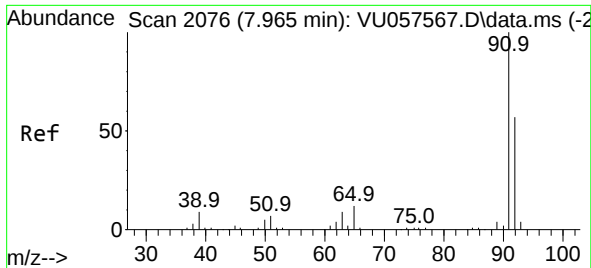
Tgt Ion: 75 Resp: 4105
 Ion Ratio Lower Upper
 75 100
 77 29.2 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 4.958 ug/L
 RT: 7.795 min Scan# 2023
 Delta R.T. 0.010 min
 Lab File: VU057565.D
 Acq: 23 Jan 2024 11:11

Tgt Ion: 43 Resp: 12676
 Ion Ratio Lower Upper
 43 100
 58 38.8 32.3 48.5
 100 13.9 12.6 18.8





#42

Toluene

Concen: 0.610 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

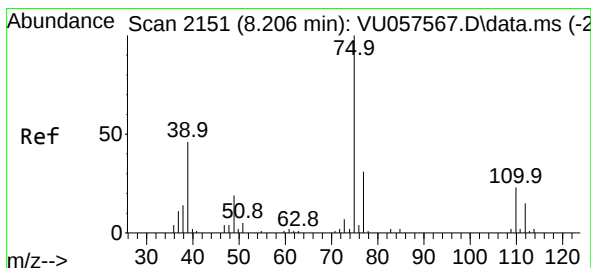
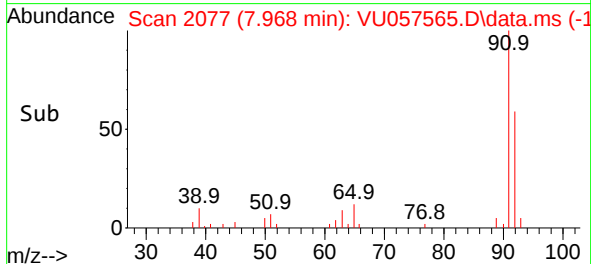
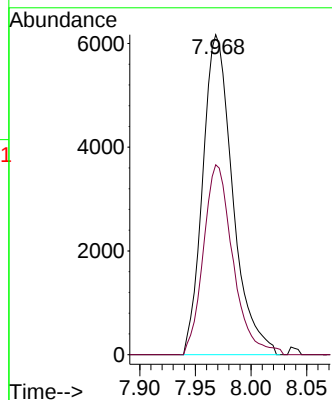
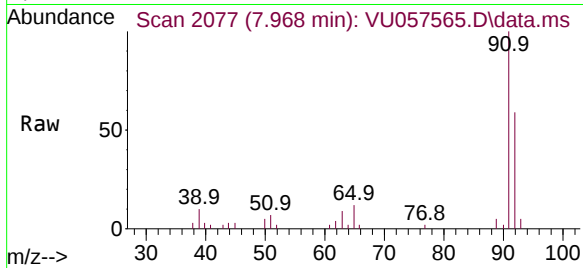
ClientSampleId :

Tgt Ion: 91 Resp: 11560

Ion Ratio Lower Upper

91 100

92 59.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.530 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU057565.D

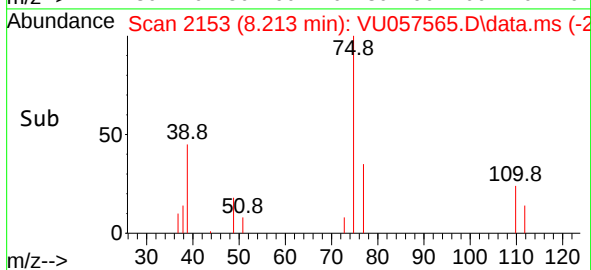
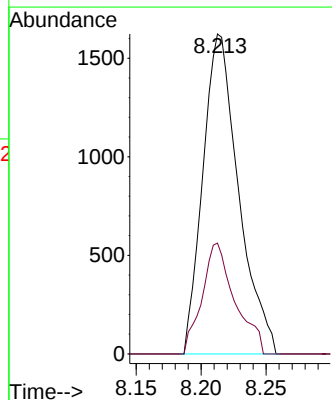
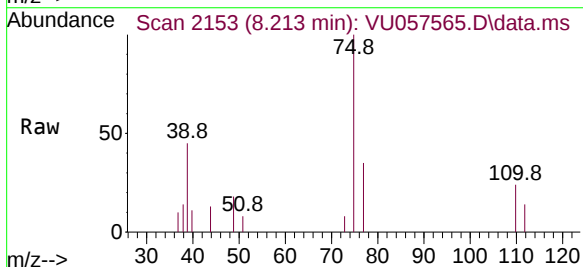
Acq: 23 Jan 2024 11:11

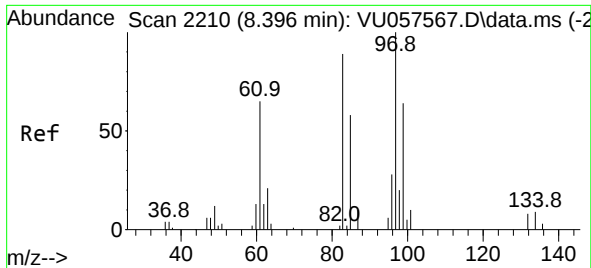
Tgt Ion: 75 Resp: 3104

Ion Ratio Lower Upper

75 100

77 34.6 21.3 39.6



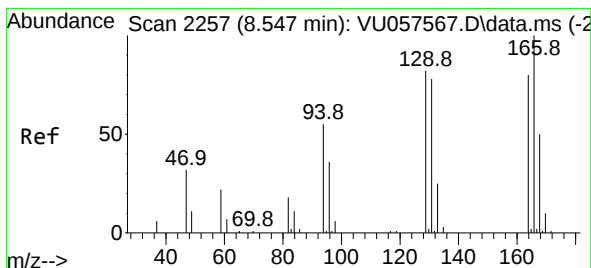
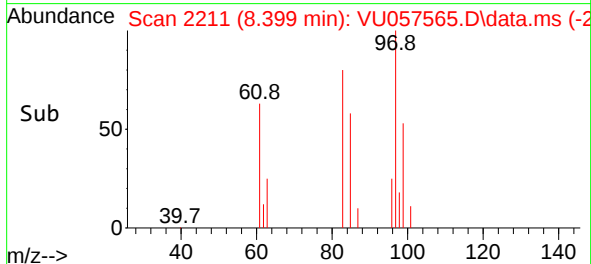
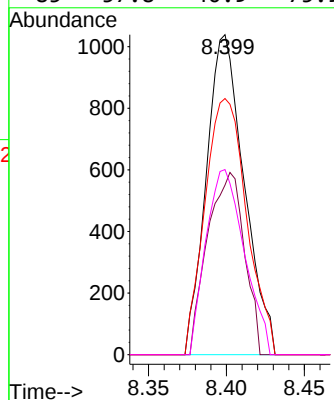
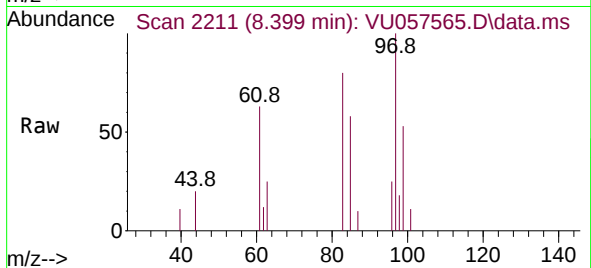


#45
1,1,2-Trichloroethane
Concen: 0.520 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1759

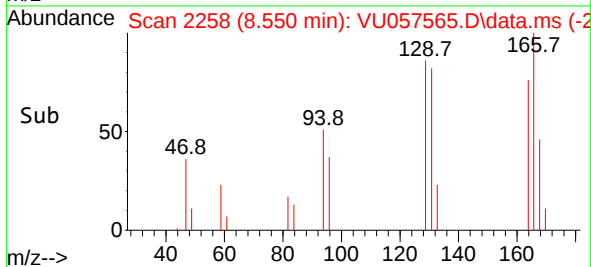
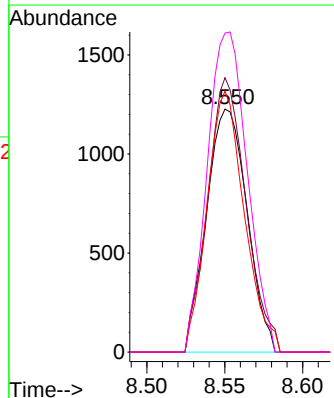
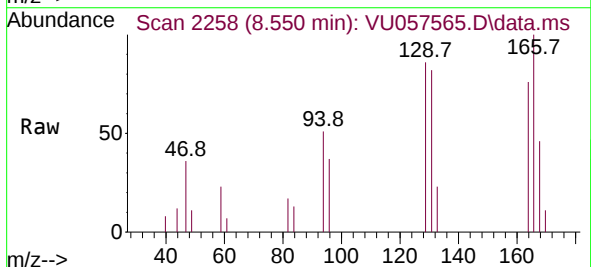
Ion	Ratio	Lower	Upper
97	100		
99	53.0	45.1	83.7
83	80.1	62.3	115.7
85	57.8	40.9	75.9

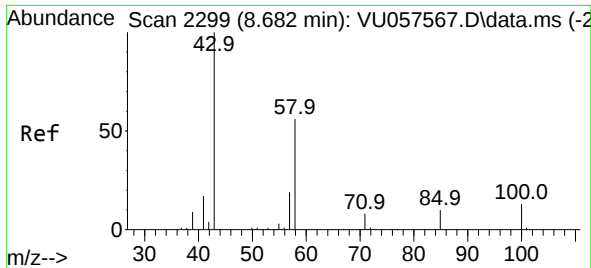


#47
Tetrachloroethene
Concen: 0.645 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 164 Resp: 2223

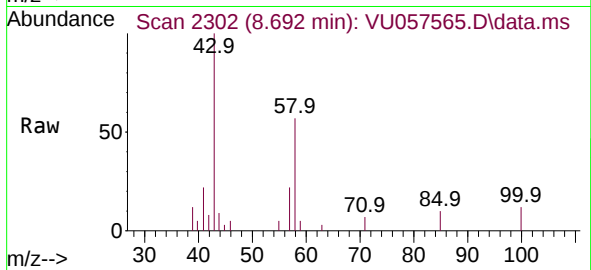
Ion	Ratio	Lower	Upper
164	100		
129	112.9	71.3	132.5
131	107.3	68.1	126.5
166	131.2	87.4	162.4



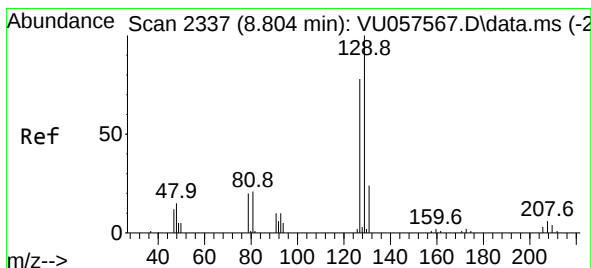
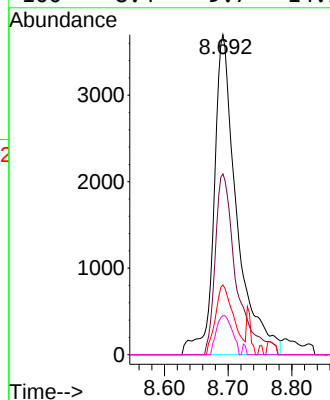
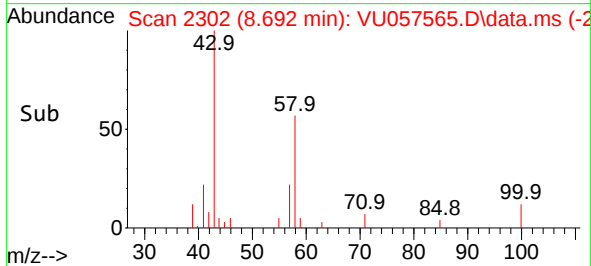


#48
2-Hexanone
Concen: 4.947 ug/L
RT: 8.692 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :

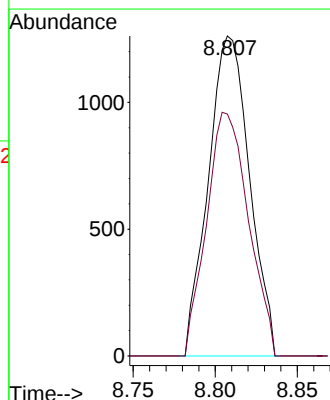
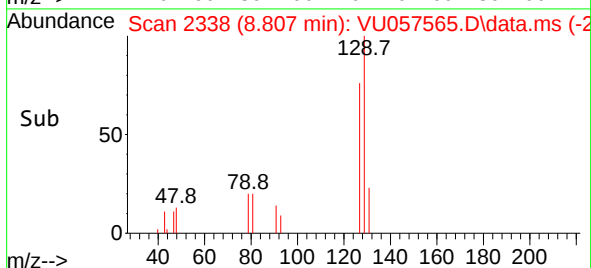
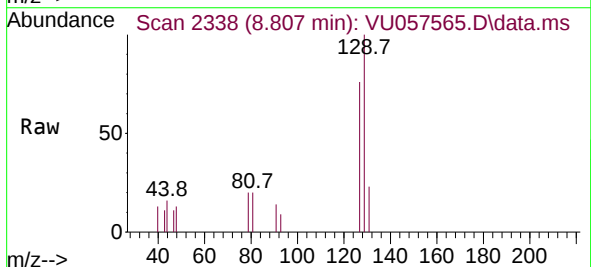


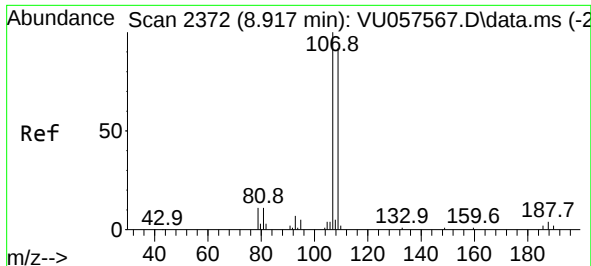
Tgt Ion: 43 Resp: 9193
Ion Ratio Lower Upper
43 100
58 52.3 44.3 66.5
57 17.0 15.5 23.3
100 8.4 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.575 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 129 Resp: 2206
Ion Ratio Lower Upper
129 100
127 75.6 54.5 101.1





#50

1,2-Dibromoethane

Concen: 0.569 ug/L

RT: 8.926 min Scan# 21

Delta R.T. 0.010 min

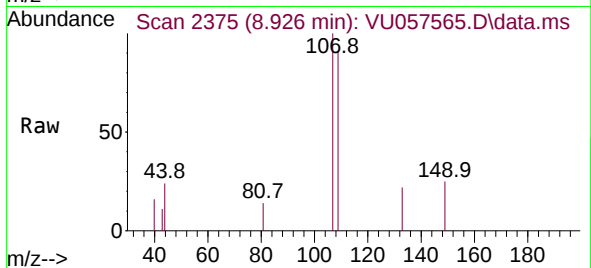
Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

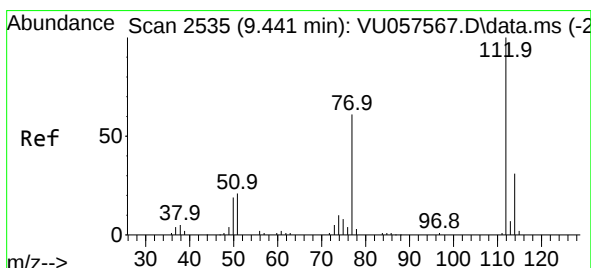
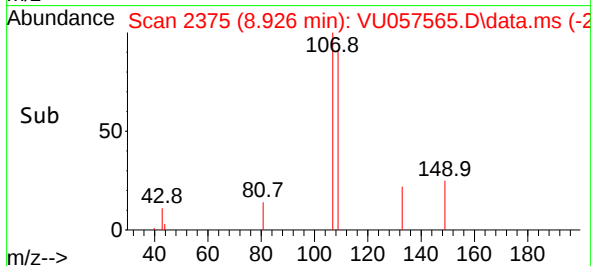
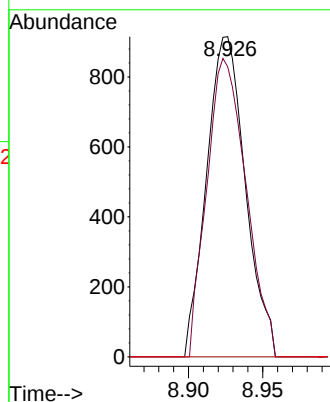
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	1664
Ion	Ratio	Lower	Upper
107	100		
109	90.6	64.5	119.9
188	0.0	2.9	4.3#



#51

Chlorobenzene

Concen: 0.571 ug/L

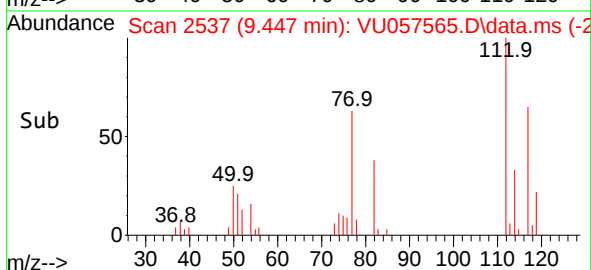
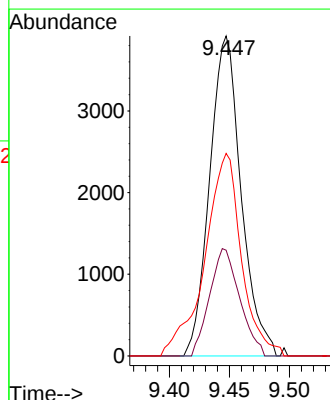
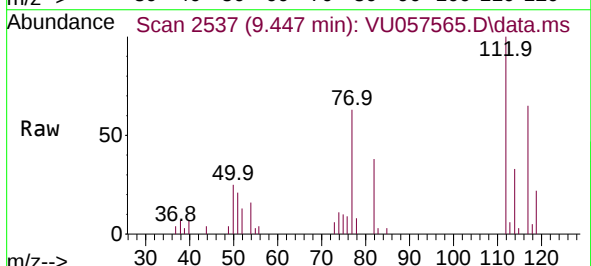
RT: 9.447 min Scan# 2537

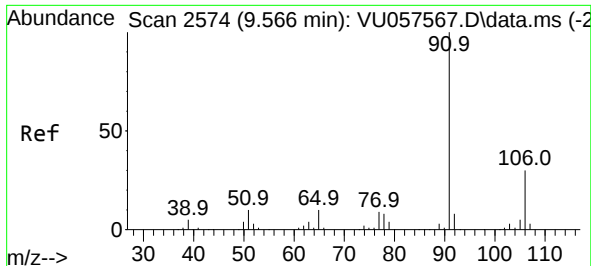
Delta R.T. 0.006 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Tgt Ion:	112	Resp:	7150
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.0	40.8
77	59.6	49.2	73.8





#52

Ethylbenzene

Concen: 0.618 ug/L

RT: 9.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

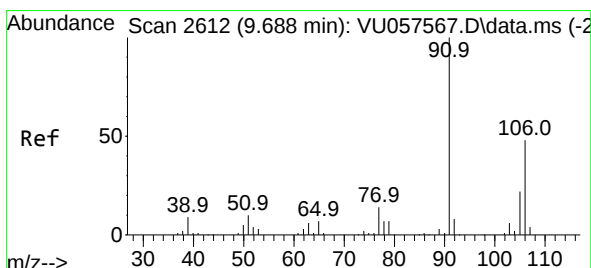
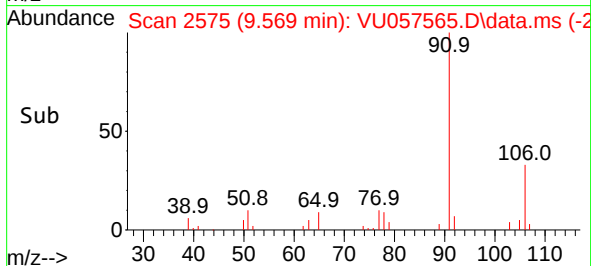
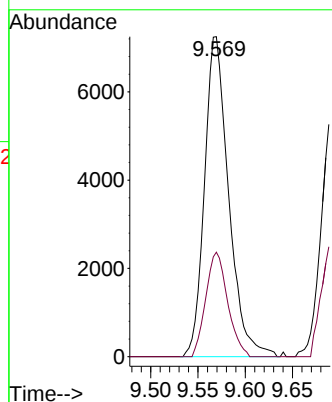
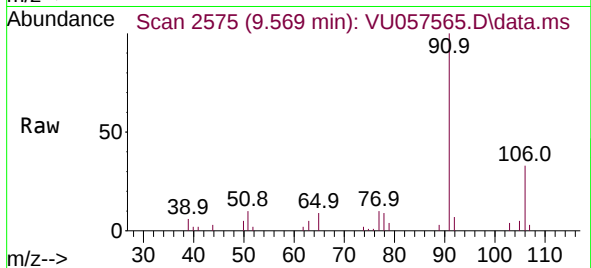
ClientSampleId :

Tgt Ion: 91 Resp: 12895

Ion Ratio Lower Upper

91 100

106 32.7 21.3 39.5



#53

m,p-Xylene

Concen: 0.638 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU057565.D

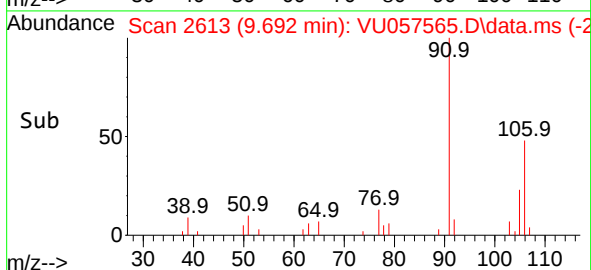
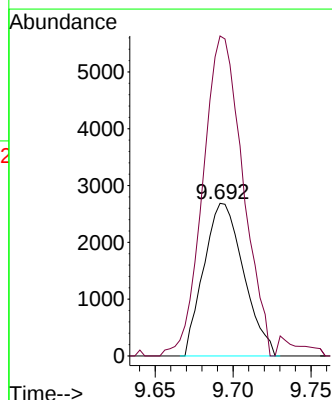
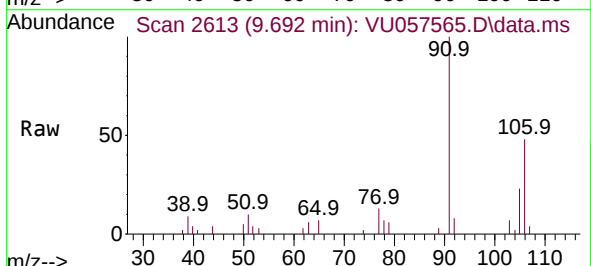
Acq: 23 Jan 2024 11:11

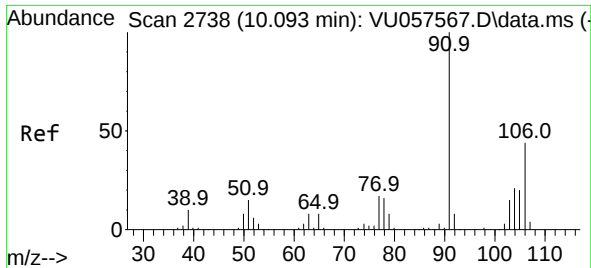
Tgt Ion:106 Resp: 4776

Ion Ratio Lower Upper

106 100

91 209.7 146.9 272.9

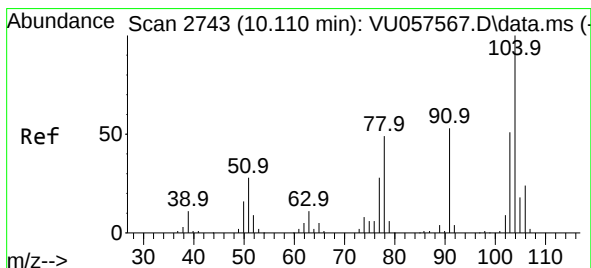
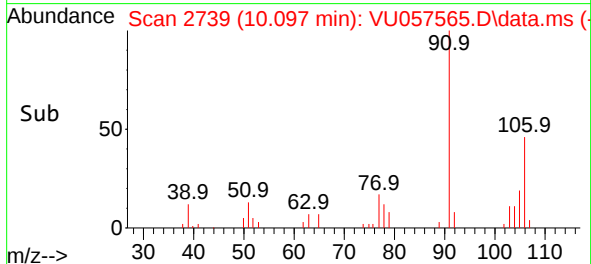
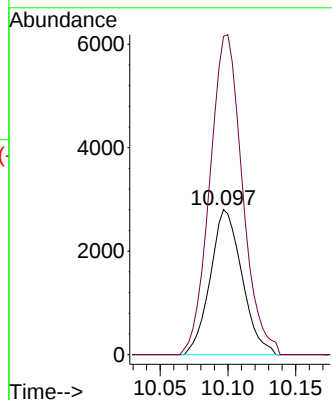
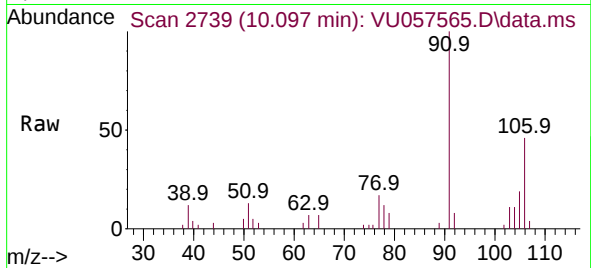




#54
o-Xylene
Concen: 0.626 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

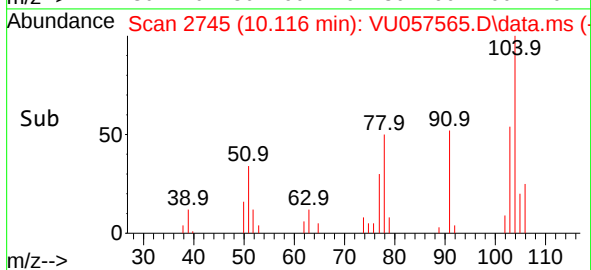
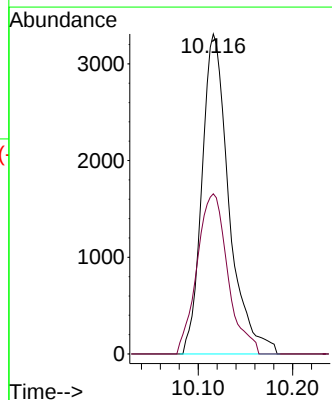
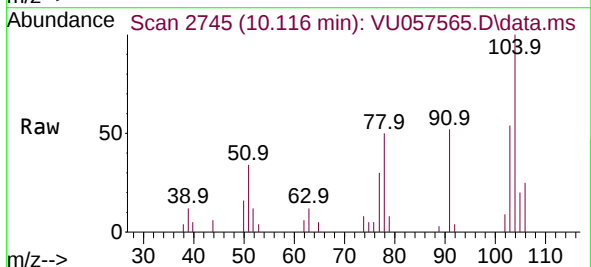
Instrument :
MSVOA_U
ClientSampleId :

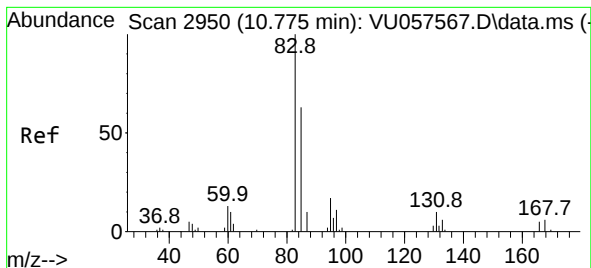
Tgt Ion:106 Resp: 4563
Ion Ratio Lower Upper
106 100
91 219.3 158.1 293.5



#55
Styrene
Concen: 0.560 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion:104 Resp: 6564
Ion Ratio Lower Upper
104 100
78 50.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.480 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

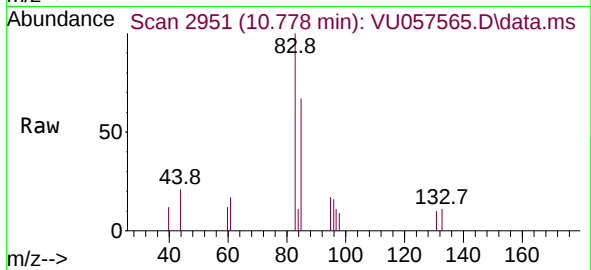
Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

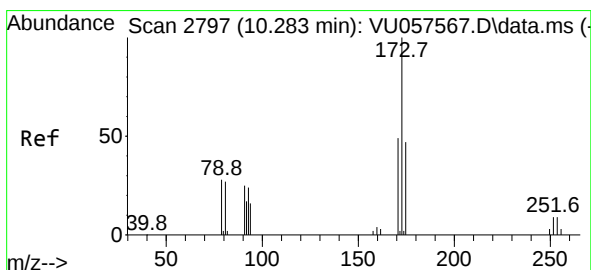
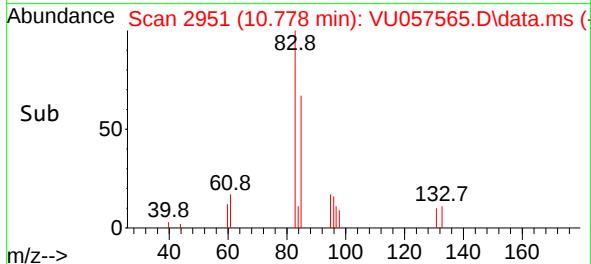
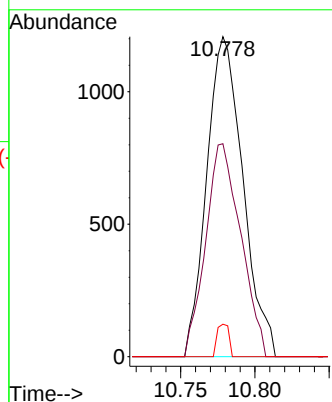
MSVOA_U

ClientSampleId :



Tgt Ion: 83 Resp: 2046

Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.4	82.5
131	10.2	8.3	12.5



#59

Bromoform

Concen: 0.529 ug/L

RT: 10.290 min Scan# 2799

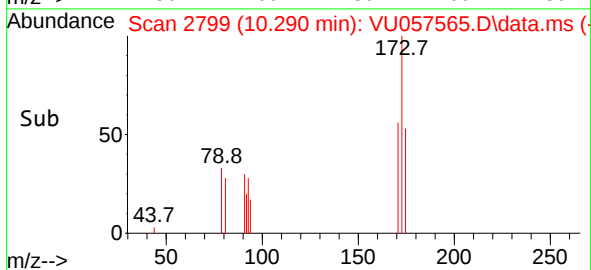
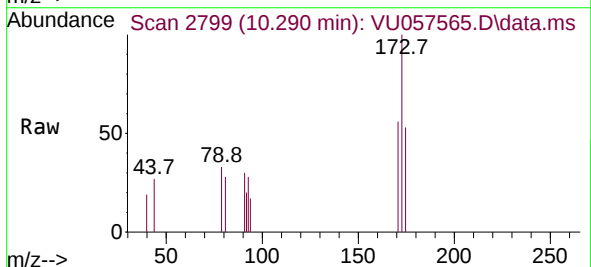
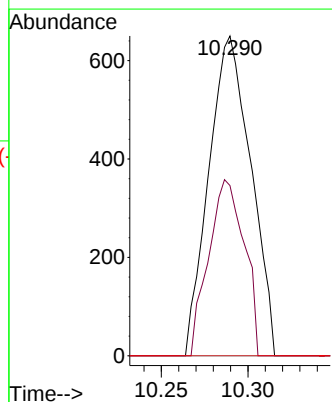
Delta R.T. 0.006 min

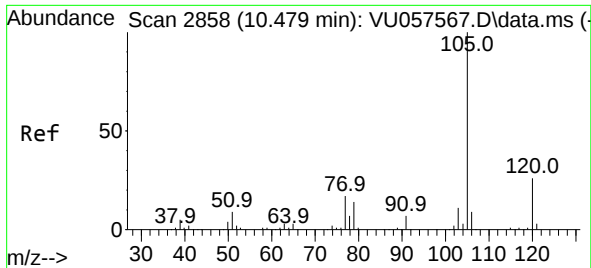
Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Tgt Ion:173 Resp: 1098

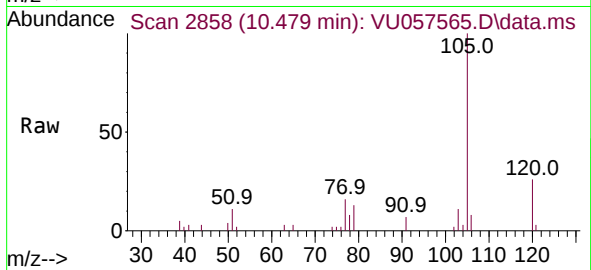
Ion	Ratio	Lower	Upper
173	100		
175	46.5	37.5	56.3
254	0.0	7.2	10.8



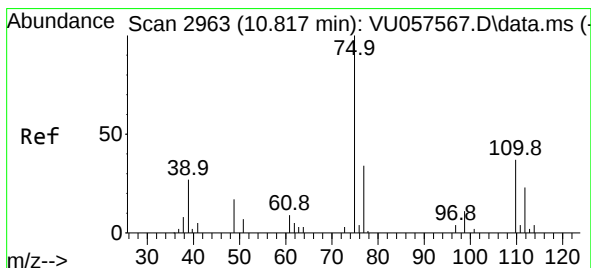
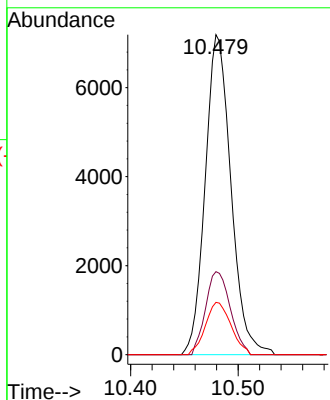
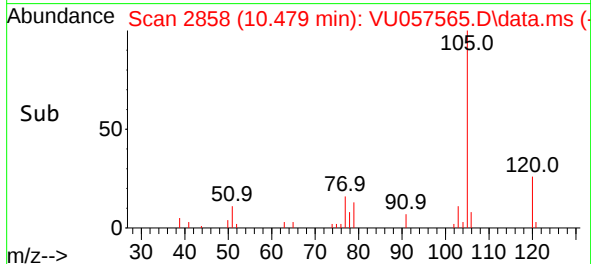


#60
Isopropylbenzene
Concen: 0.648 ug/L
RT: 10.479 min Scan# 219
Delta R.T. 0.000 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :

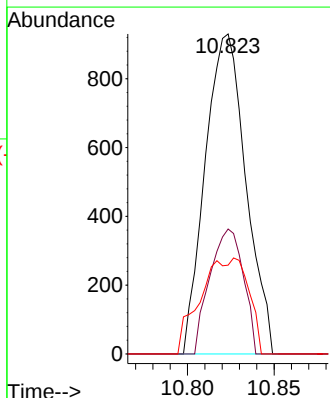
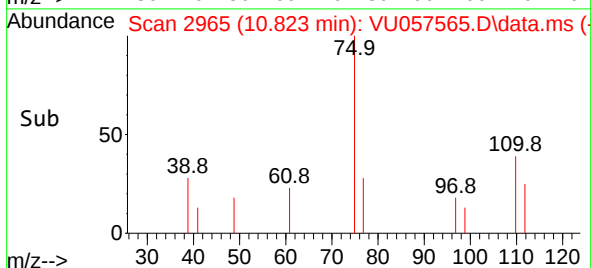
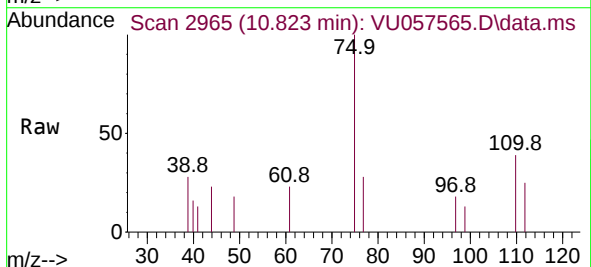


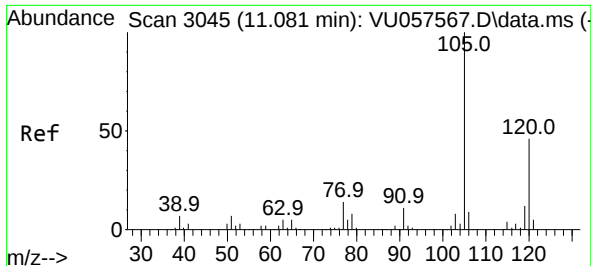
Tgt Ion:105 Resp: 11973
Ion Ratio Lower Upper
105 100
120 24.9 20.8 31.2
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 0.535 ug/L
RT: 10.823 min Scan# 2965
Delta R.T. 0.006 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion: 75 Resp: 1519
Ion Ratio Lower Upper
75 100
110 32.1 30.1 45.1
77 18.8 25.5 38.3#





#62

1,3,5-Trimethylbenzene

Concen: 0.704 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

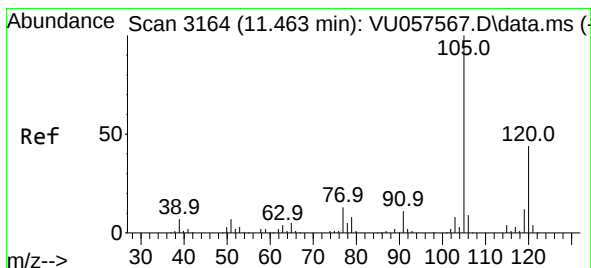
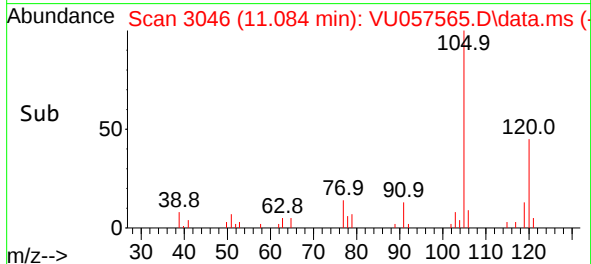
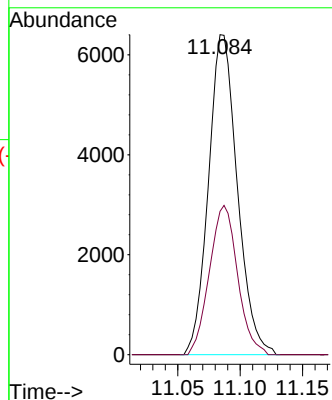
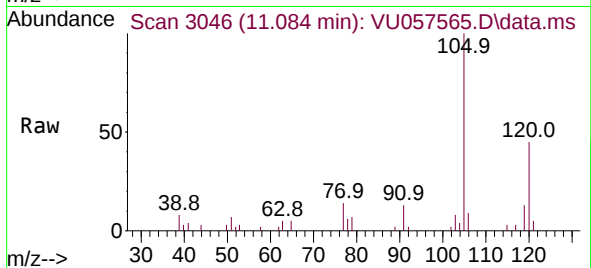
ClientSampleId :

Tgt Ion:105 Resp: 10329

Ion Ratio Lower Upper

105 100

120 45.5 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 0.682 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU057565.D

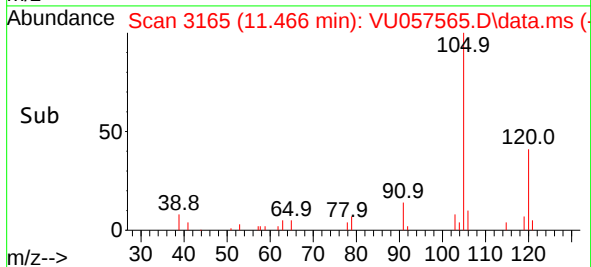
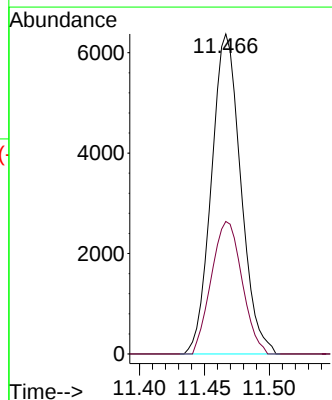
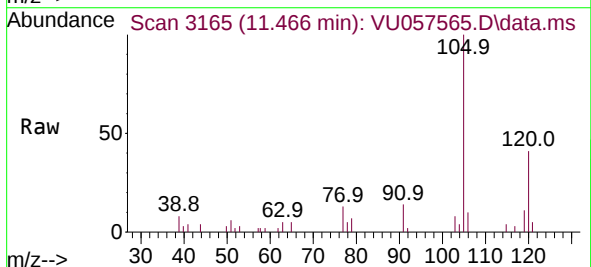
Acq: 23 Jan 2024 11:11

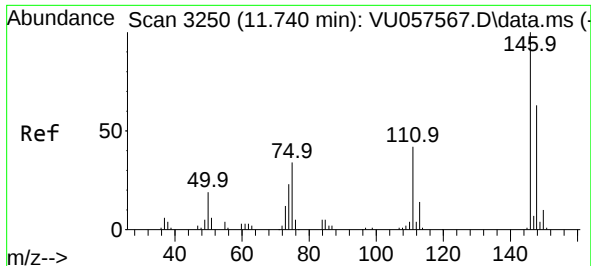
Tgt Ion:105 Resp: 10001

Ion Ratio Lower Upper

105 100

120 43.4 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 0.617 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :

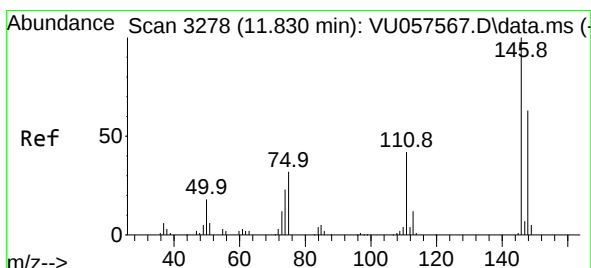
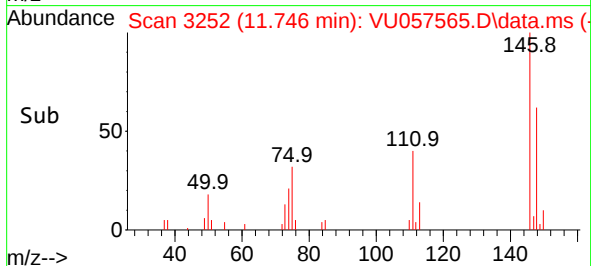
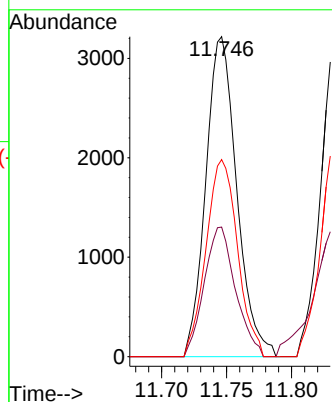
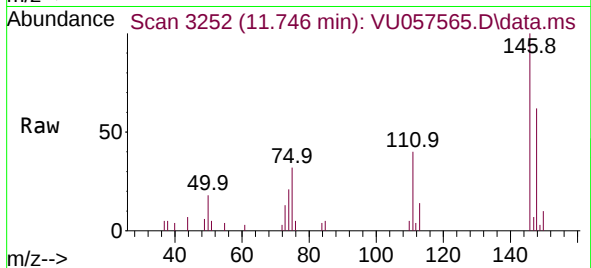
Tgt Ion:146 Resp: 5333

Ion Ratio Lower Upper

146 100

111 40.5 29.6 55.0

148 61.6 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 0.602 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

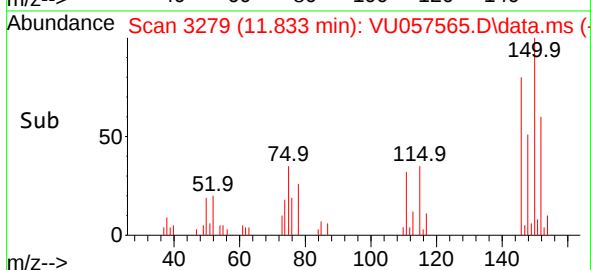
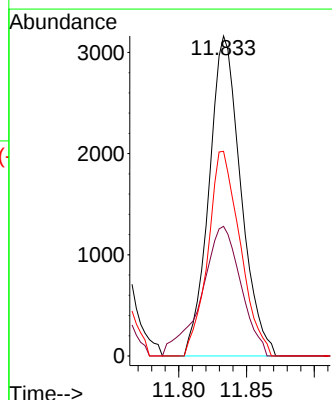
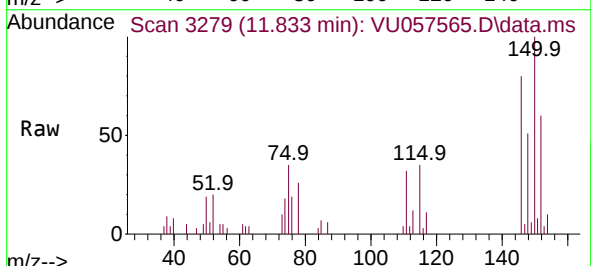
Tgt Ion:146 Resp: 5151

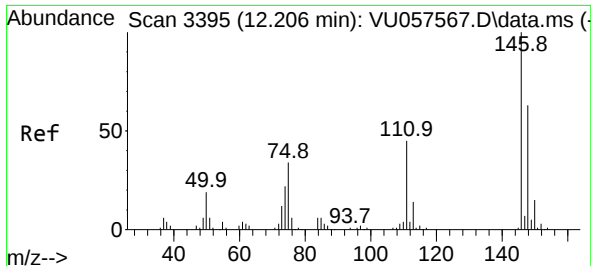
Ion Ratio Lower Upper

146 100

111 40.5 29.5 54.7

148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.589 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :

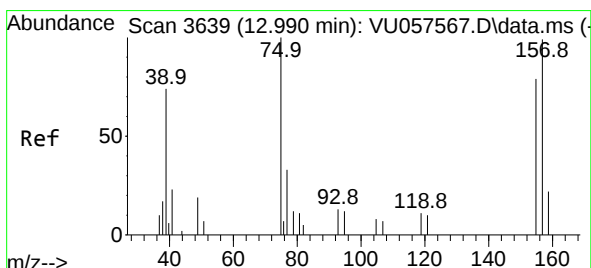
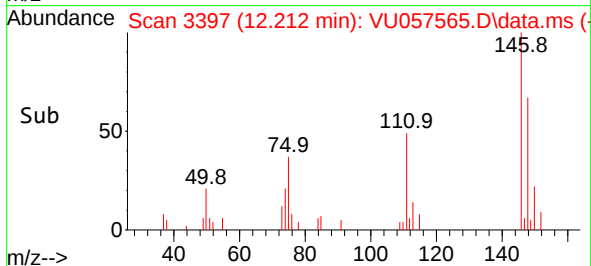
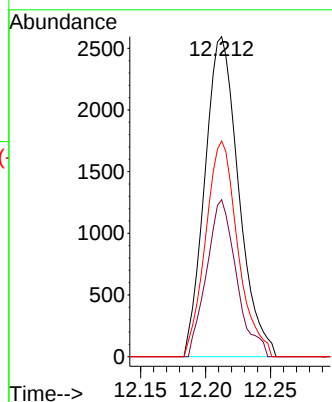
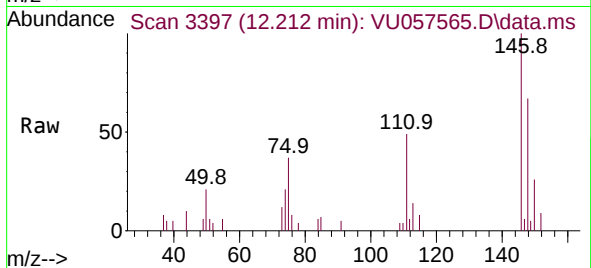
Tgt Ion:146 Resp: 4690

Ion Ratio Lower Upper

146 100

111 49.0 35.7 53.5

148 72.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.384 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

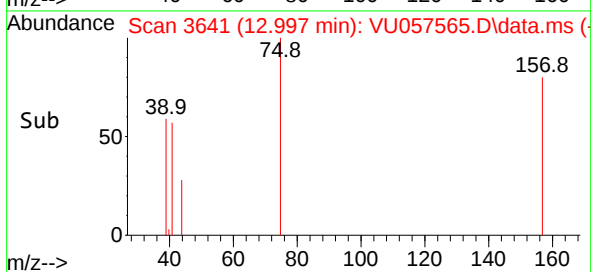
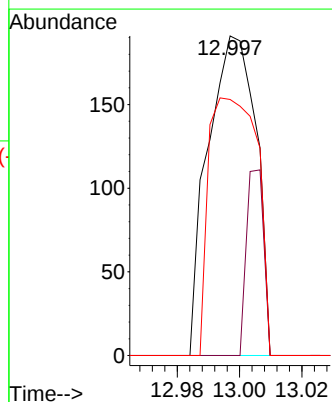
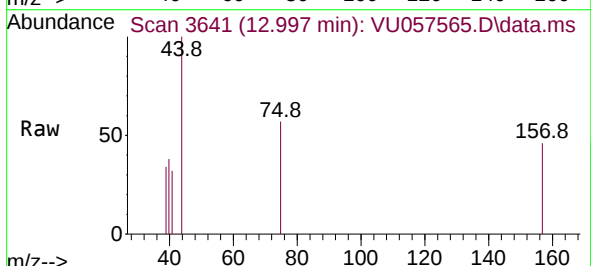
Tgt Ion: 75 Resp: 204

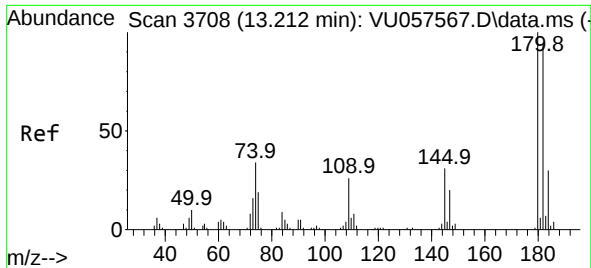
Ion Ratio Lower Upper

75 100

155 0.0 62.8 94.2#

157 80.1 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 0.591 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

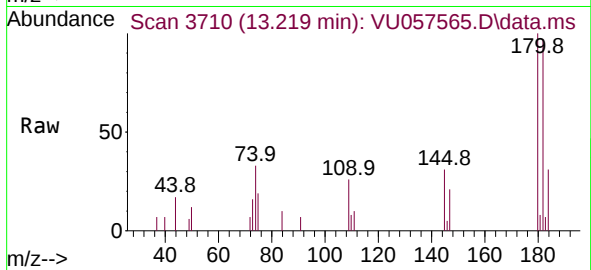
Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3533

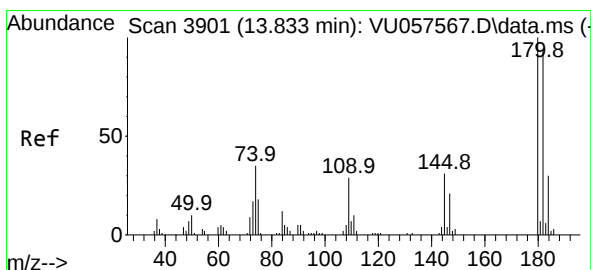
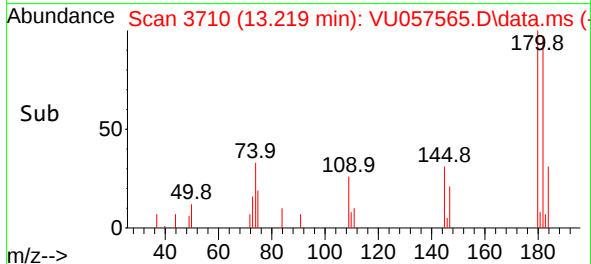
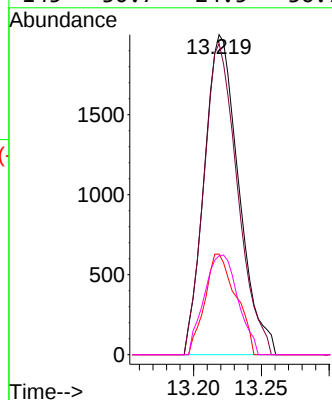
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 28.4 24.1 36.1

145 30.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.586 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU057565.D

Acq: 23 Jan 2024 11:11

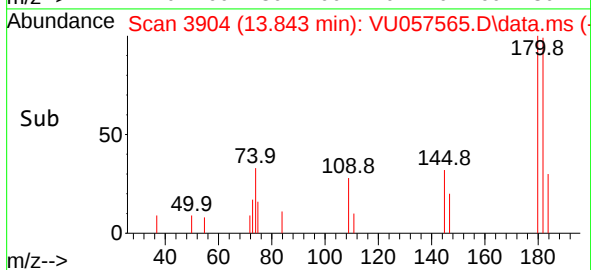
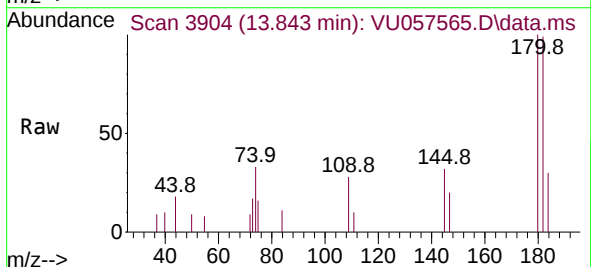
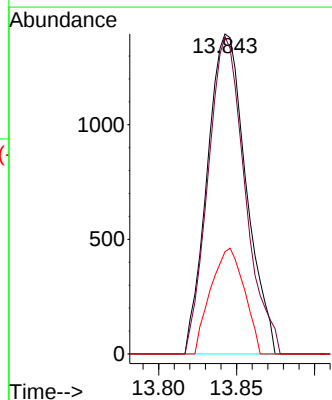
Tgt Ion:180 Resp: 2410

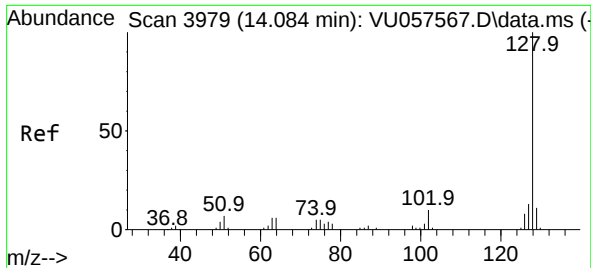
Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

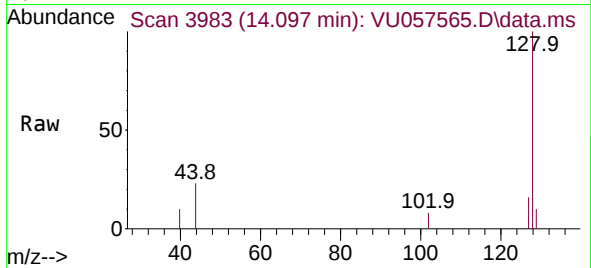
145 28.5 25.4 38.2



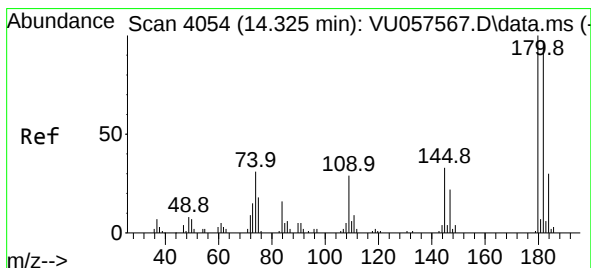
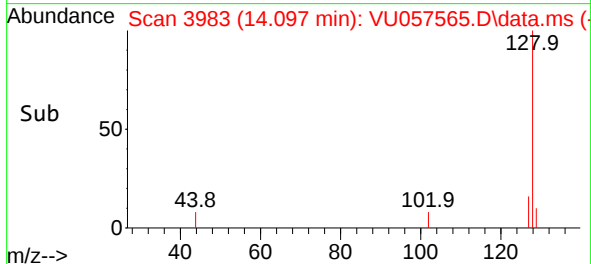
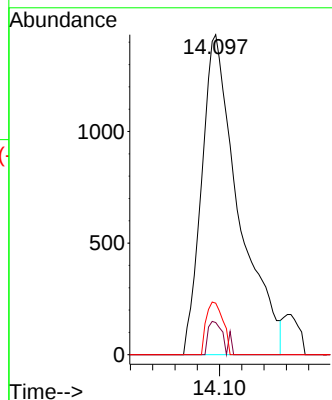


#71
Naphthalene
Concen: 0.561 ug/L
RT: 14.097 min Scan# 3979
Delta R.T. 0.013 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3298
Ion Ratio Lower Upper
128 100
129 4.4 8.6 13.0#
127 7.5 10.0 15.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.558 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU057565.D
Acq: 23 Jan 2024 11:11

Tgt Ion:180 Resp: 1883
Ion Ratio Lower Upper
180 100
182 93.4 78.1 117.1
145 35.5 26.7 40.1

