

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059269.D
 Acq On : 17 Jun 2024 09:37
 Operator : MD/SY
 Sample : VSTD0.568
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 10:57:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 10:14:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	103882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	107062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	49201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3456	0.549	ug/L	0.00
7) Chloroethane-d5	1.907	69	3279	0.577	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1454	0.567	ug/L	0.00
20) 2-Butanone-d5	4.644	46	6620	4.046	ug/L	0.02
24) Chloroform-d	5.058	84	7114	0.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3486	0.534	ug/L	0.00
32) Benzene-d6	5.727	84	13286	0.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	4352	0.531	ug/L	0.00
41) Toluene-d8	7.898	98	12577	0.562	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1211	0.431	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	3943	2.924	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.753	84	3622	0.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	4538	0.613	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4284	0.564	ug/L	92
3) Chloromethane	1.515	50	4516	0.510	ug/L	97
5) Vinyl chloride	1.599	62	4876	0.514	ug/L	95
6) Bromomethane	1.853	94	3174	0.537	ug/L	96
8) Chloroethane	1.927	64	3003	0.498	ug/L	94
9) Trichlorofluoromethane	2.132	101	6077	0.500	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	3949	0.536	ug/L	97
12) 1,1-Dichloroethene	2.576	96	3530	0.545	ug/L	80
13) Acetone	2.631	43	4761	4.210	ug/L	98
14) Carbon disulfide	2.785	76	11845	0.578	ug/L	99
15) Methyl Acetate	2.956	43	959	0.341	ug/L #	51
16) Methylene chloride	3.039	84	4361	0.497	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	6824	0.406	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	3496	0.513	ug/L	85
19) 1,1-Dichloroethane	3.865	63	6634	0.466	ug/L	93
21) 2-Butanone	4.724	43	5705	3.146	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	3678	0.469	ug/L	90
23) Bromochloromethane	4.975	128	1665	0.481	ug/L #	78
25) Chloroform	5.084	83	6960	0.468	ug/L	99
27) 1,2-Dichloroethane	5.795	62	3989	0.439	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	5927	0.495	ug/L	92
30) Cyclohexane	5.380	56	4303	0.380	ug/L	93
31) Carbon tetrachloride	5.518	117	4754	0.476	ug/L	97
33) Benzene	5.769	78	14050	0.446	ug/L	100
34) Trichloroethene	6.544	95	4040	0.485	ug/L	95
35) Methylcyclohexane	6.759	83	4963	0.418	ug/L	91
37) 1,2-Dichloropropane	6.788	63	3789	0.424	ug/L #	90
38) Bromodichloromethane	7.103	83	4639	0.433	ug/L #	99
39) cis-1,3-Dichloropropene	7.608	75	4515	0.371	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	15365	3.328	ug/L	98
42) Toluene	7.968	91	13547	0.413	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	3530	0.355	ug/L	87

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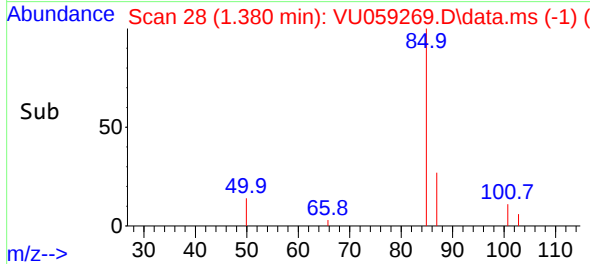
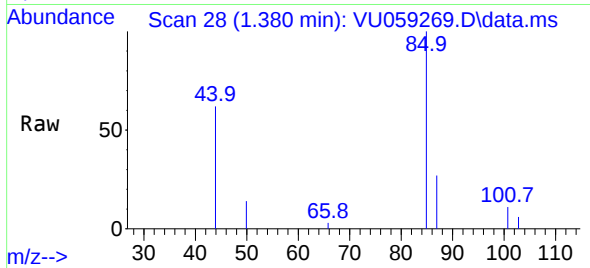
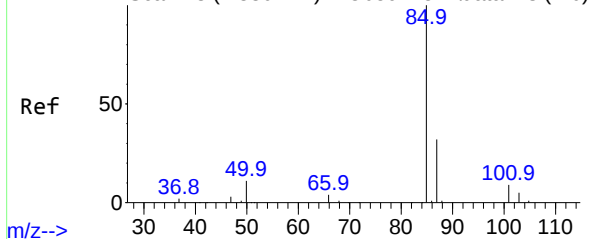
Quant Time: Jun 17 10:57:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 10:14:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	2606	0.415	ug/L	94
47) Tetrachloroethene	8.553	164	3131	0.528	ug/L	96
49) Dibromochloromethane	8.804	129	3001	0.453	ug/L	97
50) 1,2-Dibromoethane	8.923	107	2483	0.447	ug/L #	99
51) Chlorobenzene	9.444	112	9545	0.456	ug/L	91
52) Ethylbenzene	9.569	91	13628	0.385	ug/L	97
53) m,p-Xylene	9.692	106	5024	0.387	ug/L	94
54) o-Xylene	10.097	106	4915	0.387	ug/L	94
55) Styrene	10.116	104	7521	0.352	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	3349	0.420	ug/L #	97
59) Bromoform	10.293	173	1766	0.491	ug/L #	93
60) Isopropylbenzene	10.483	105	12042	0.382	ug/L	99
61) 1,2,3-Trichloropropane	10.827	75	2075	0.410	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.087	105	9060	0.361	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	8135	0.327	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	6830	0.446	ug/L	90
65) 1,4-Dichlorobenzene	11.836	146	7576	0.495	ug/L	90
67) 1,2-Dichlorobenzene	12.209	146	6750	0.471	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.997	75	370	0.363	ug/L	95
69) 1,3,5-Trichlorobenzene	13.222	180	5143	0.448	ug/L	94
70) 1,2,4-trichlorobenzene	13.843	180	3570	0.376	ug/L	98
71) Naphthalene	14.097	128	4170	0.292	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.331	180	3176	0.382	ug/L	99

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

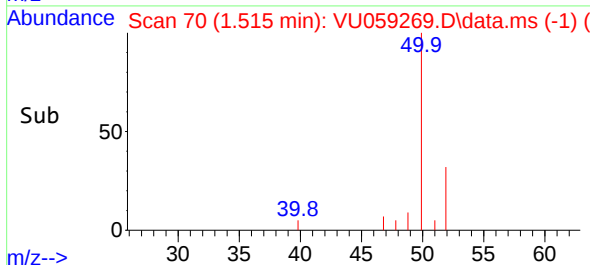
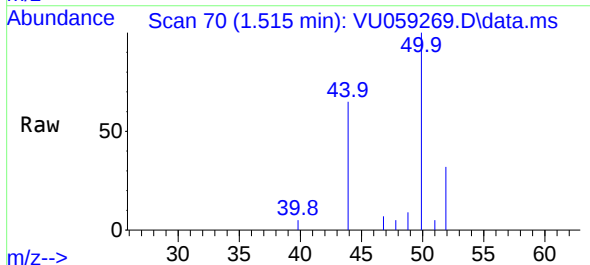
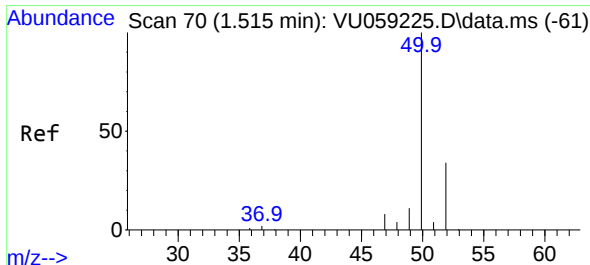
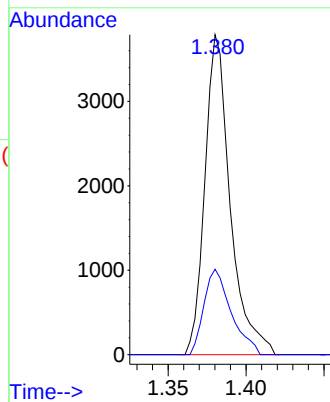
Abundance Scan 28 (1.380 min): VU059225.D\data.ms (-20)



#2
Dichlorodifluoromethane
Concen: 0.564 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

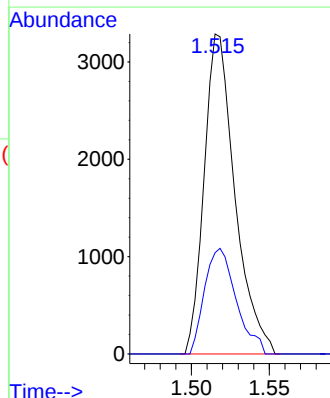
Instrument :
MSVOA_U
ClientSampleId :

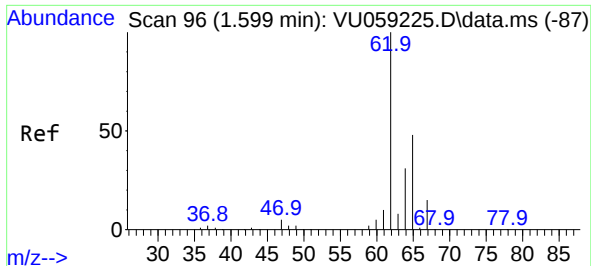
Tgt Ion: 85 Resp: 4284
Ion Ratio Lower Upper
85 100
87 28.7 26.6 40.0



#3
Chloromethane
Concen: 0.510 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 50 Resp: 4516
Ion Ratio Lower Upper
50 100
52 31.7 23.2 43.0

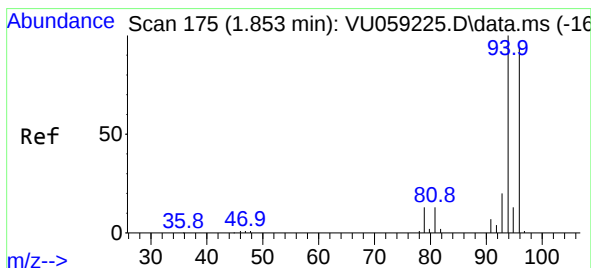
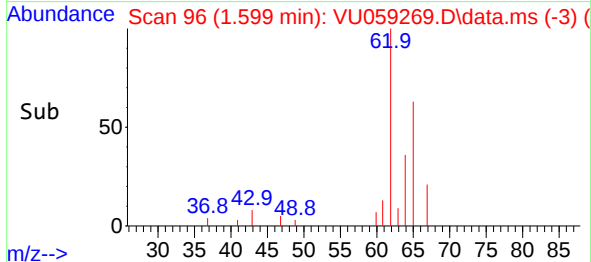
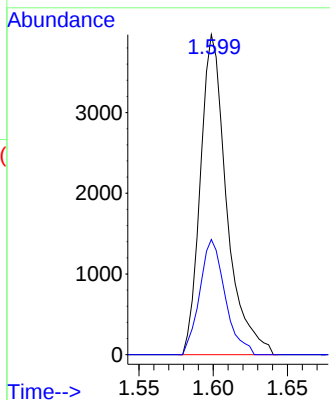
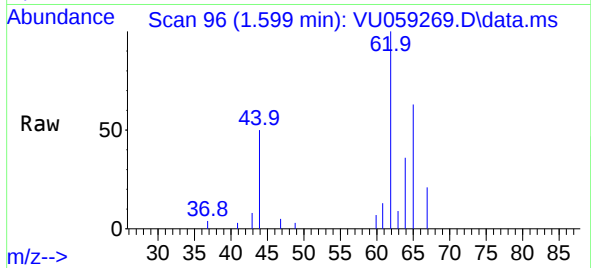




#5
 Vinyl chloride
 Concen: 0.514 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059269.D
 Acq: 17 Jun 2024 09:37

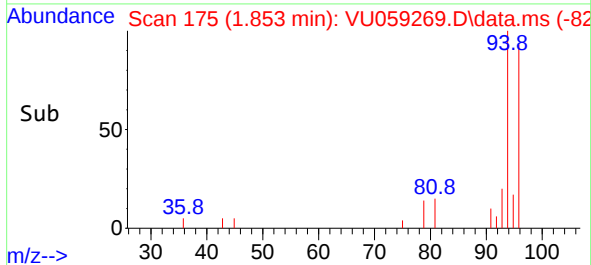
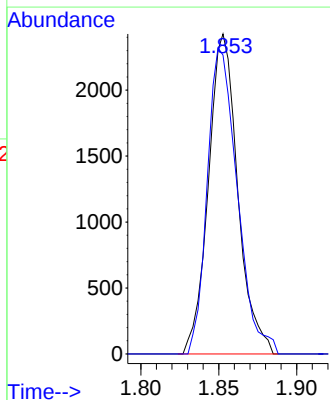
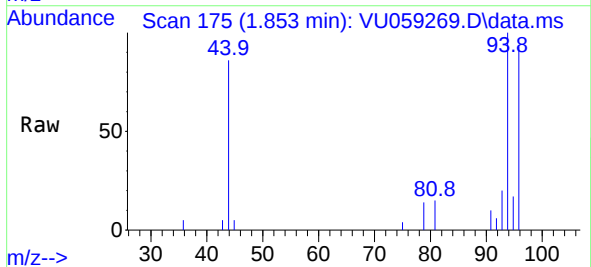
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 62 Resp: 4876
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.1 42.9

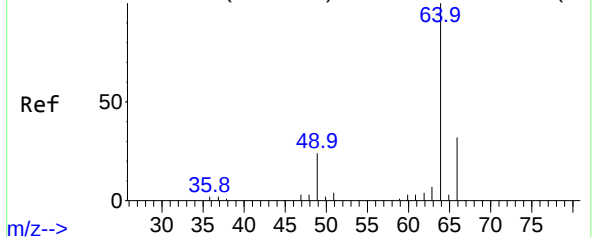


#6
 Bromomethane
 Concen: 0.537 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059269.D
 Acq: 17 Jun 2024 09:37

Tgt Ion: 94 Resp: 3174
 Ion Ratio Lower Upper
 94 100
 96 93.4 62.9 116.9



Abundance Scan 199 (1.930 min): VU059225.D\data.ms (-18



#8

Chloroethane

Concen: 0.498 ug/L

RT: 1.927 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

ClientSampleId :

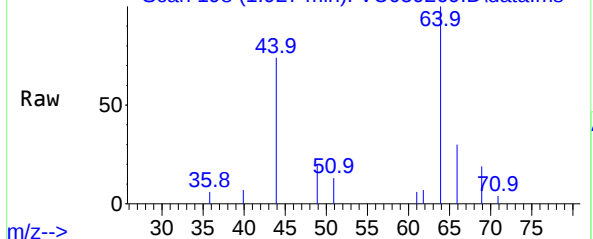
Tgt Ion: 64 Resp: 3003

Ion Ratio Lower Upper

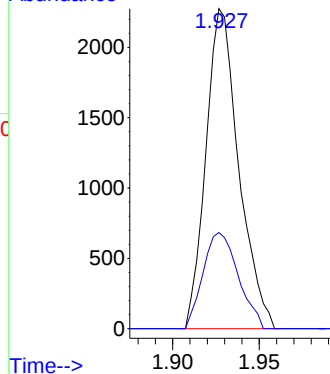
64 100

66 30.1 23.2 43.2

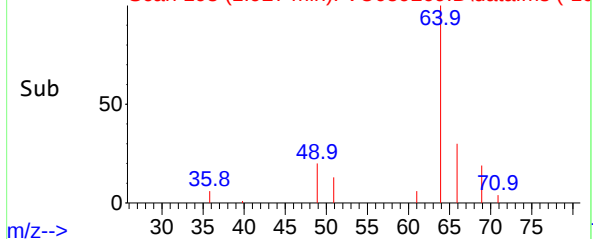
Abundance Scan 198 (1.927 min): VU059269.D\data.ms



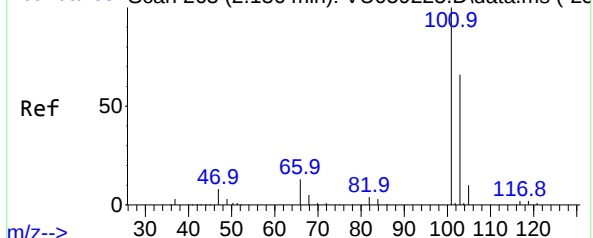
Abundance



Abundance Scan 198 (1.927 min): VU059269.D\data.ms (-10



Abundance Scan 263 (2.136 min): VU059225.D\data.ms (-25



#9

Trichlorofluoromethane

Concen: 0.500 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

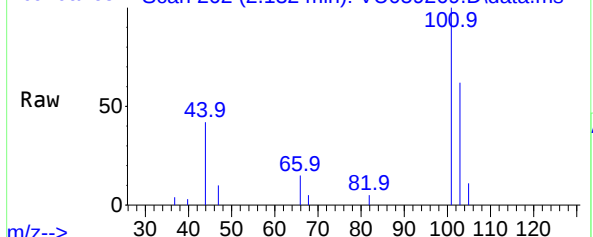
Tgt Ion:101 Resp: 6077

Ion Ratio Lower Upper

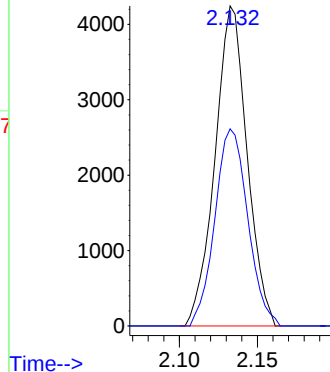
101 100

103 63.1 52.6 79.0

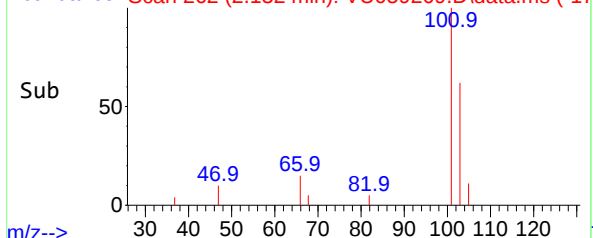
Abundance Scan 262 (2.132 min): VU059269.D\data.ms

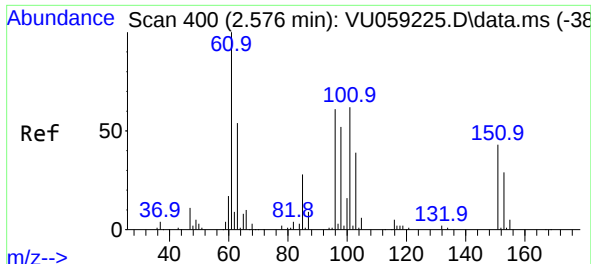


Abundance



Abundance Scan 262 (2.132 min): VU059269.D\data.ms (-17

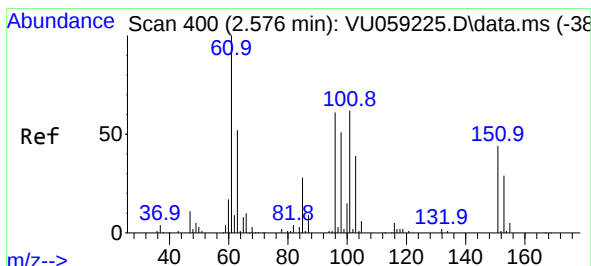
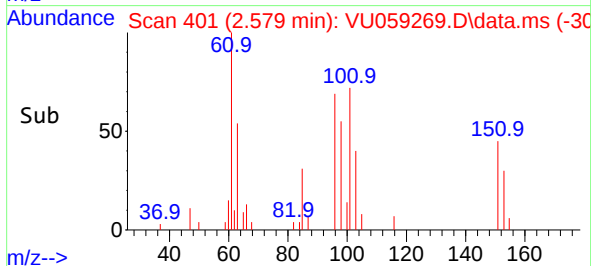
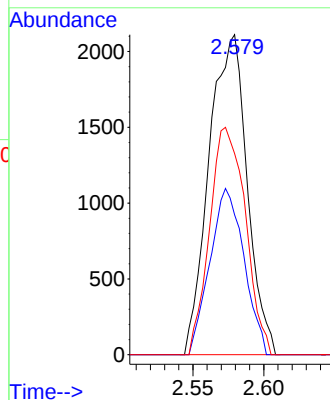
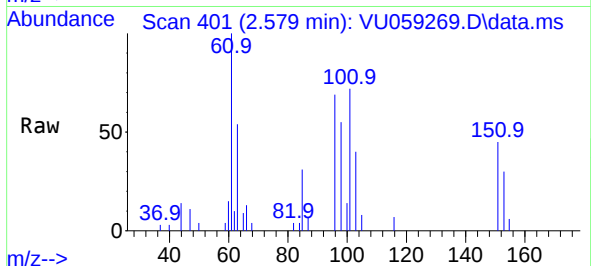




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.536 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

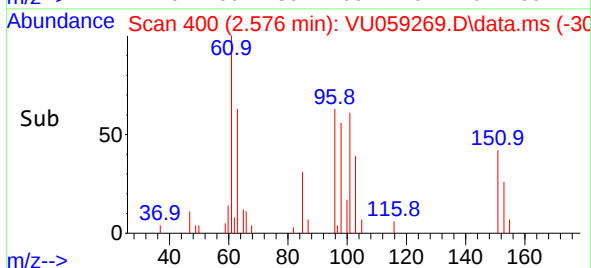
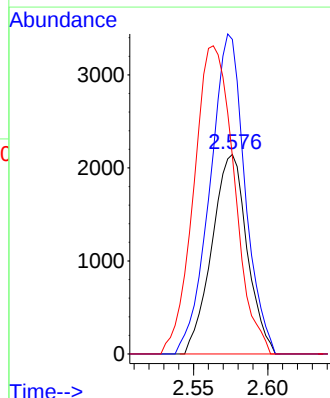
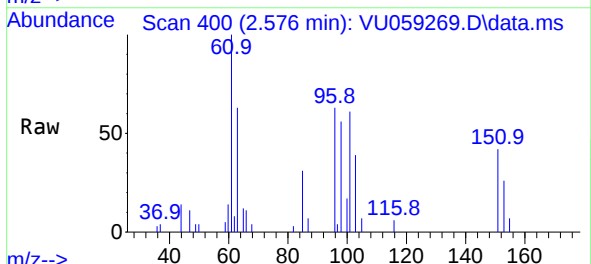
Instrument :
MSVOA_U
ClientSampleId :

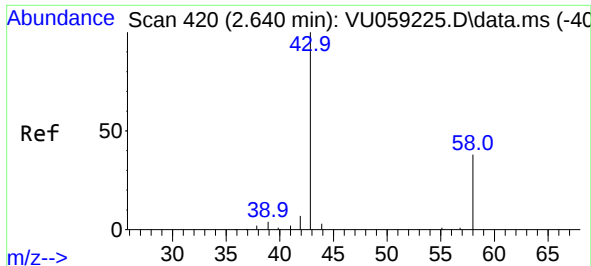
Tgt Ion:101 Resp: 3949
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 66.8 55.5 83.3



#12
1,1-Dichloroethene
Concen: 0.545 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 96 Resp: 3530
Ion Ratio Lower Upper
96 100
61 148.3 122.9 228.3
63 93.4 80.4 149.4





#13

Acetone

Concen: 4.210 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

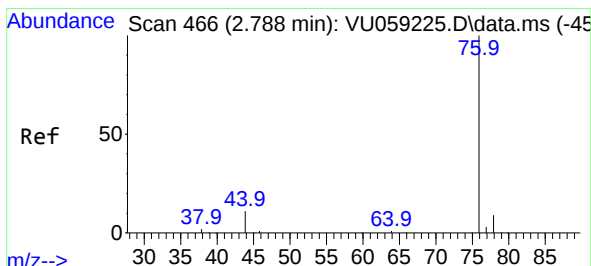
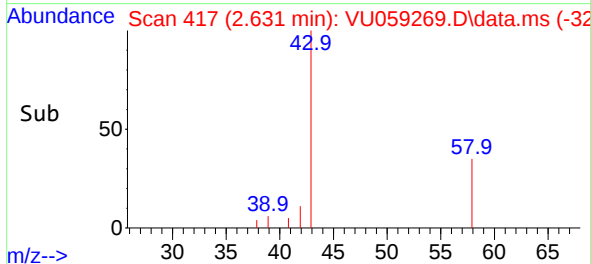
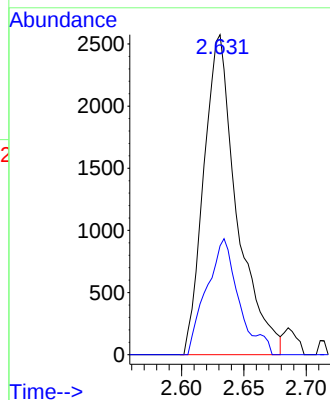
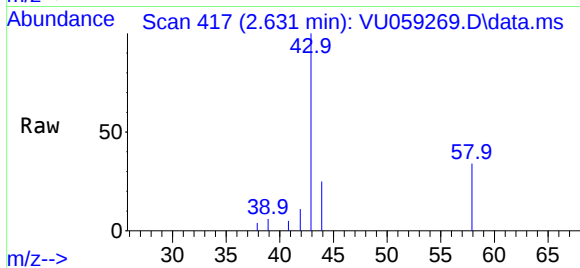
ClientSampleId :

Tgt Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

58 35.3 0.0 68.0



#14

Carbon disulfide

Concen: 0.578 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059269.D

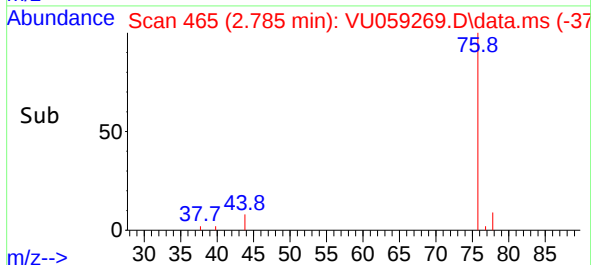
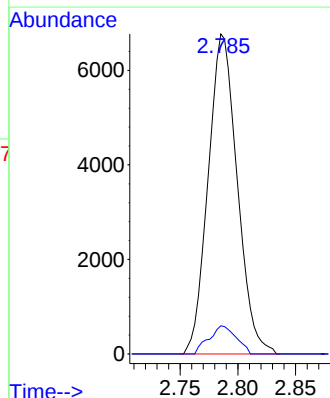
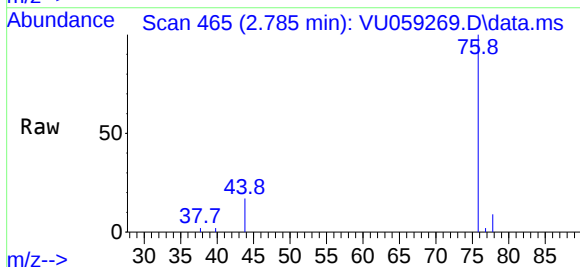
Acq: 17 Jun 2024 09:37

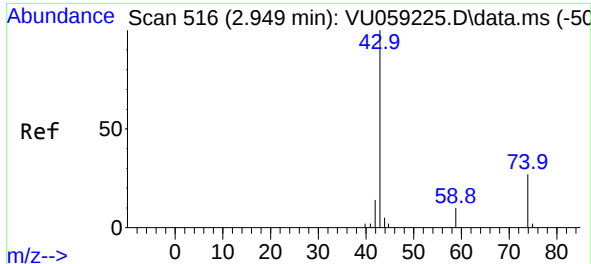
Tgt Ion: 76 Resp: 11845

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 0.341 ug/L

RT: 2.956 min Scan# 516

Delta R.T. 0.006 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

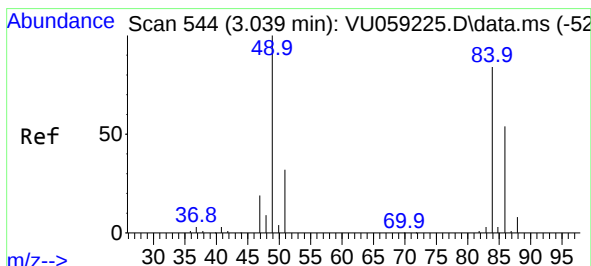
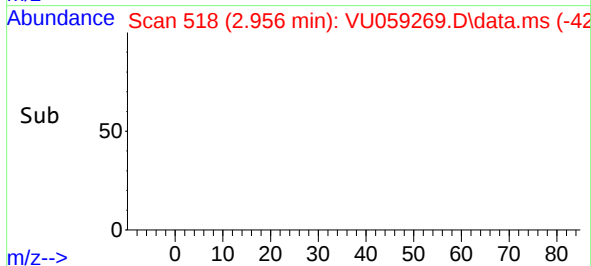
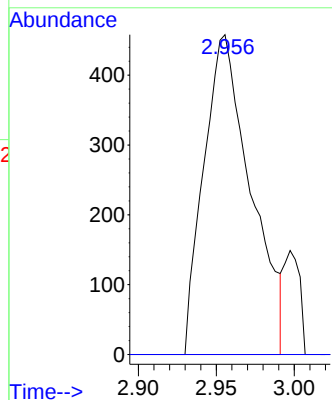
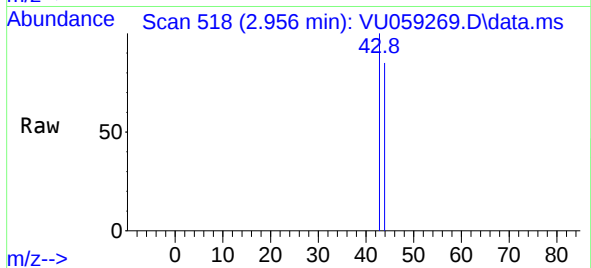
ClientSampleId :

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#16

Methylene chloride

Concen: 0.497 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

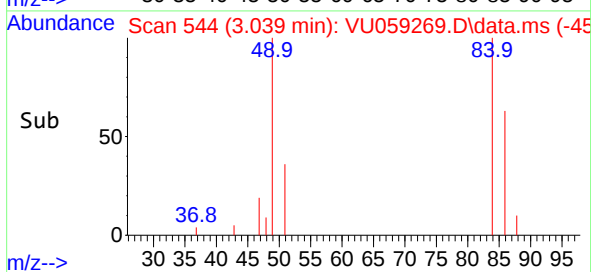
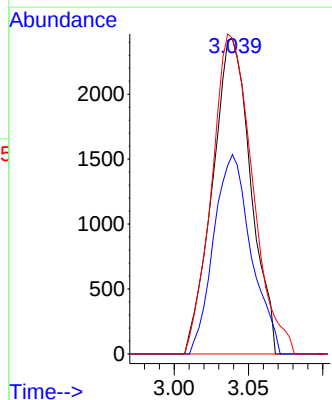
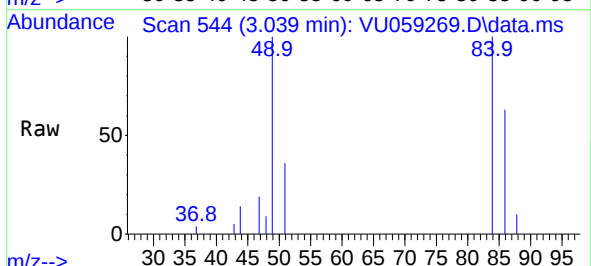
Tgt Ion: 84 Resp: 4361

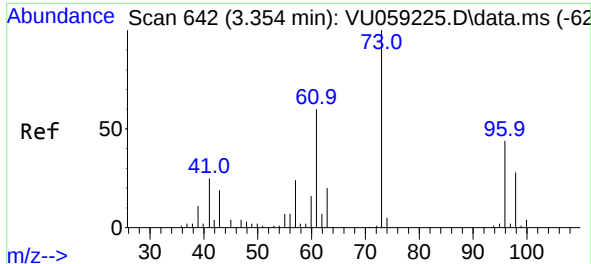
Ion Ratio Lower Upper

84 100

86 63.2 42.1 78.1

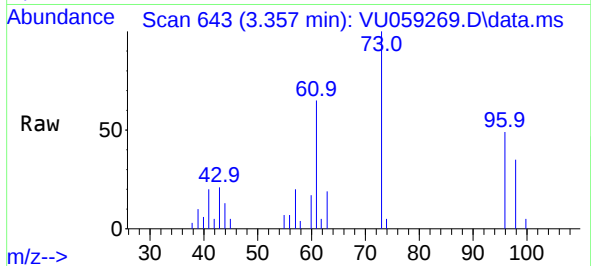
49 100.2 80.6 149.8



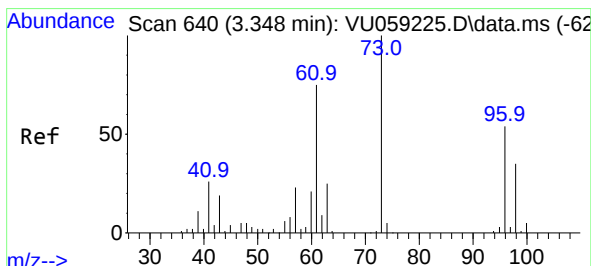
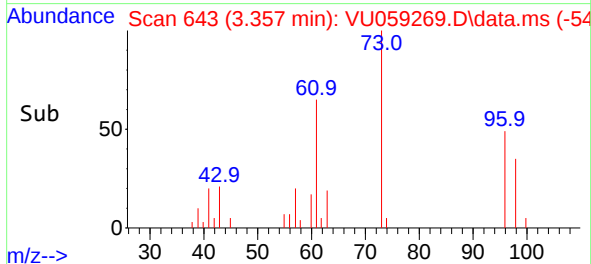
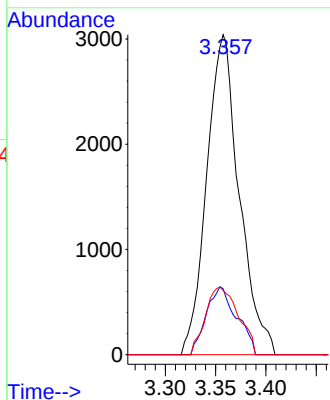


#17
Methyl tert-butyl Ether
Concen: 0.406 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

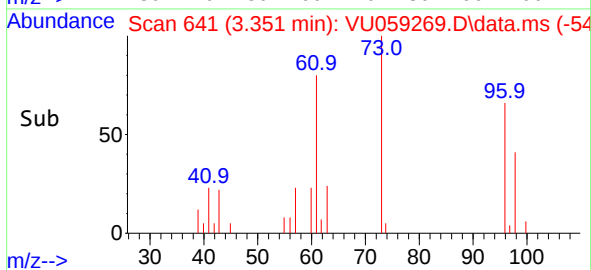
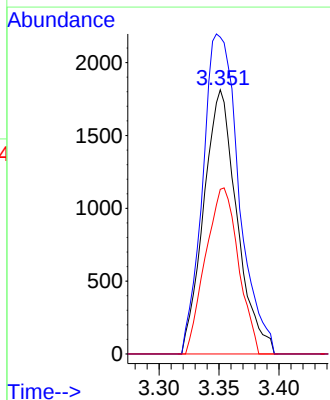
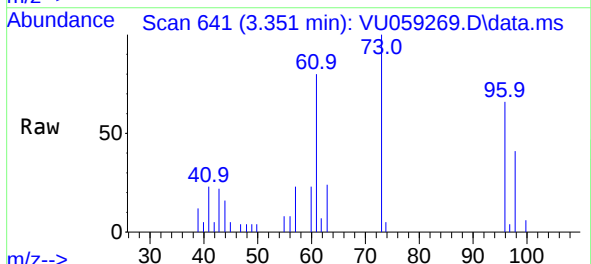


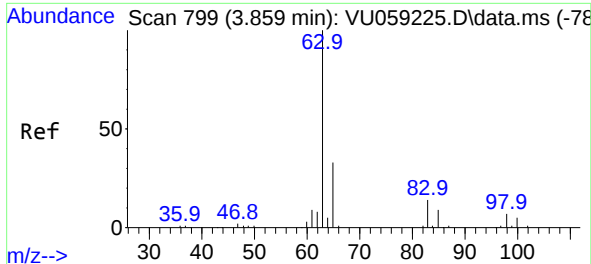
Tgt Ion: 73 Resp: 6824
Ion Ratio Lower Upper
73 100
43 19.9 14.9 22.3
57 21.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 0.513 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 96 Resp: 3496
Ion Ratio Lower Upper
96 100
61 119.9 101.8 189.0
98 62.3 43.3 80.5





#19

1,1-Dichloroethane

Concen: 0.466 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

ClientSampleId :

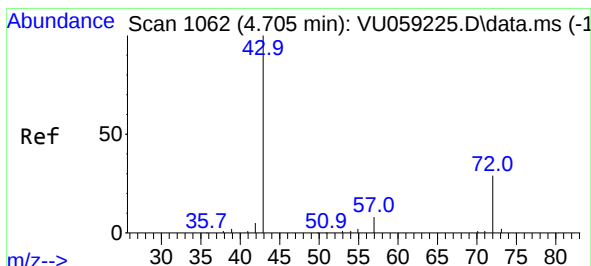
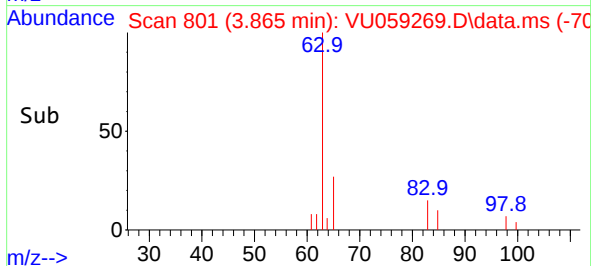
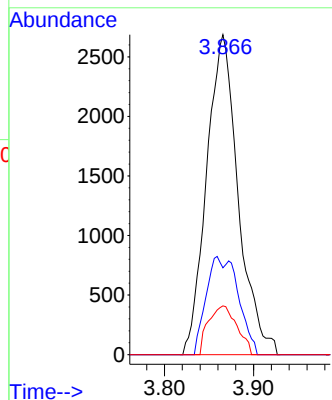
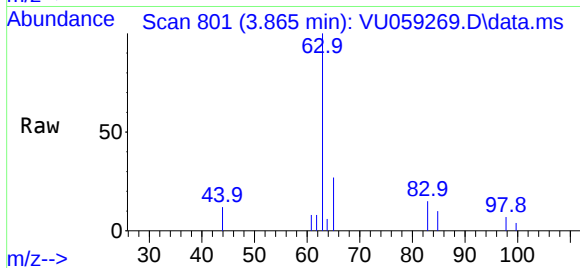
Tgt Ion: 63 Resp: 6634

Ion Ratio Lower Upper

63 100

65 25.6 21.8 40.6

83 14.4 9.9 18.5



#21

2-Butanone

Concen: 3.146 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.019 min

Lab File: VU059269.D

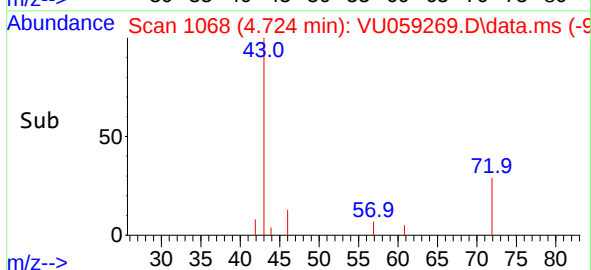
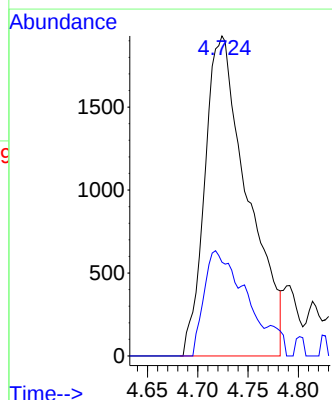
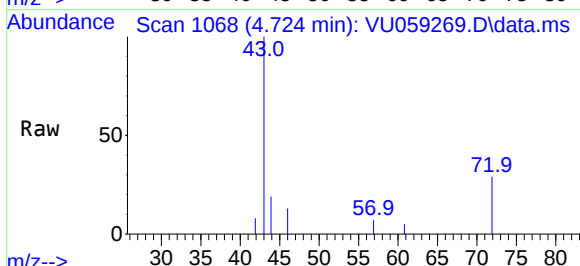
Acq: 17 Jun 2024 09:37

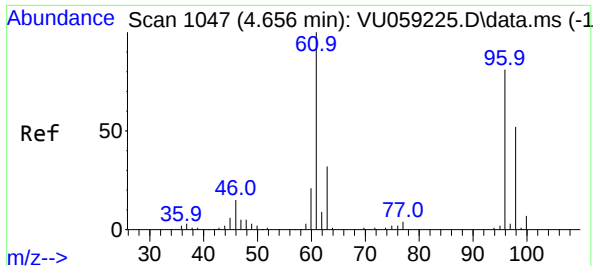
Tgt Ion: 43 Resp: 5705

Ion Ratio Lower Upper

43 100

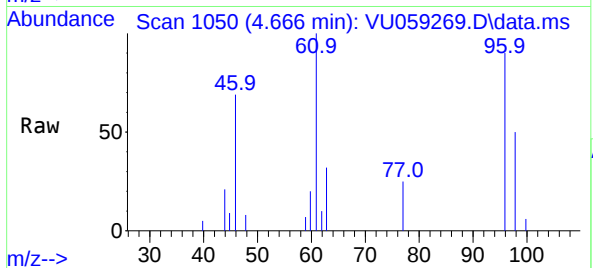
72 30.2 13.8 41.4





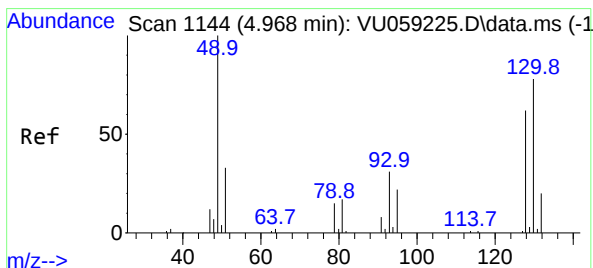
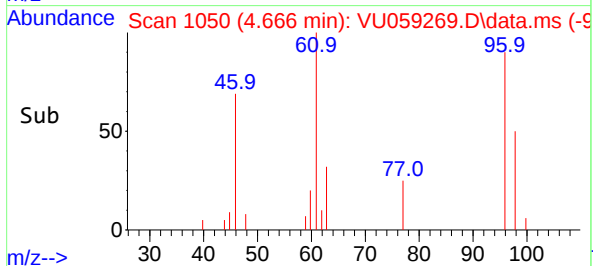
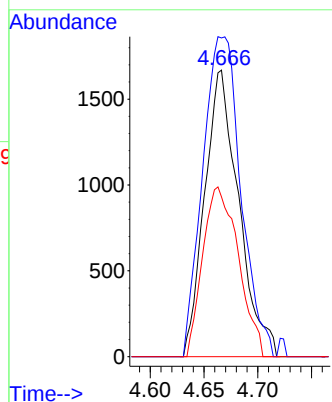
#22
cis-1,2-Dichloroethene
Concen: 0.469 ug/L
RT: 4.666 min Scan# 1047
Delta R.T. 0.010 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 3678

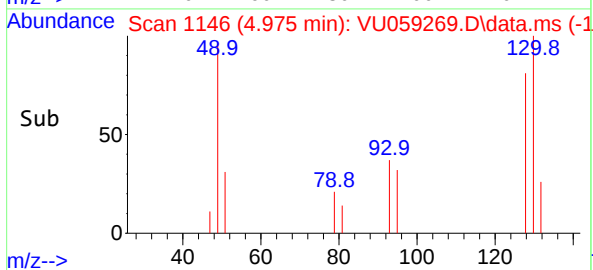
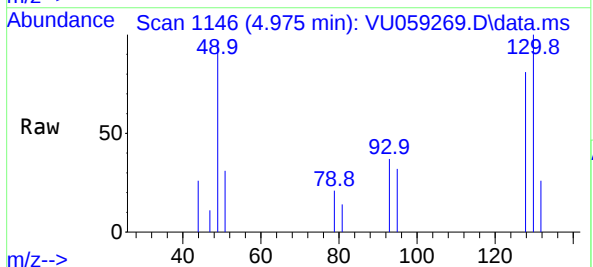
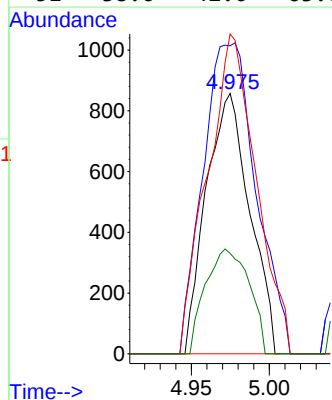
Ion	Ratio	Lower	Upper
96	100		
61	111.3	87.4	162.2
98	55.8	42.3	78.5

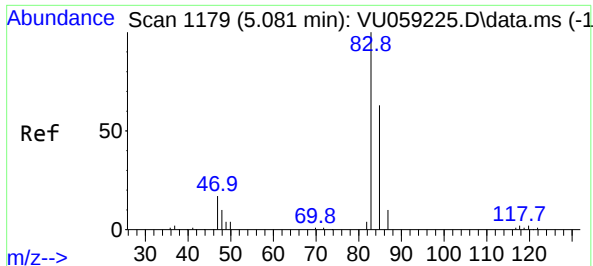


#23
Bromochloromethane
Concen: 0.481 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 128 Resp: 1665

Ion	Ratio	Lower	Upper
128	100		
49	118.3	117.0	217.4
130	122.9	89.6	166.4
51	38.6	42.0	63.0

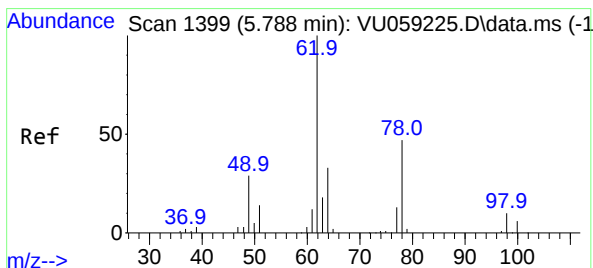
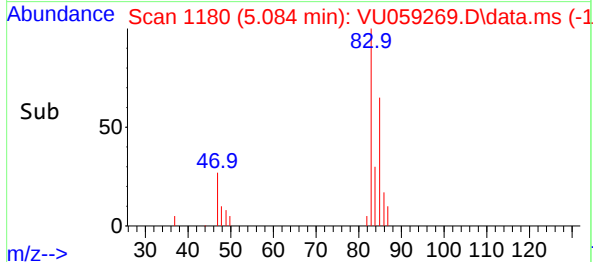
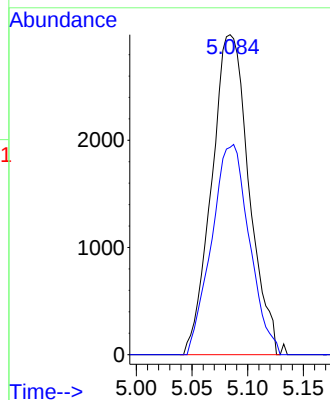
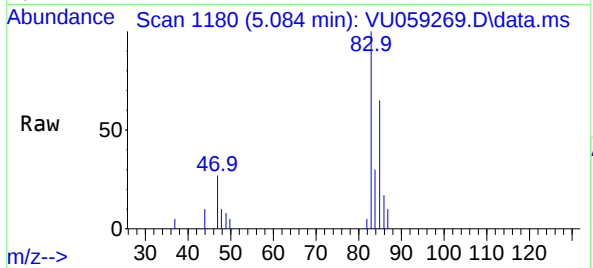




#25
Chloroform
Concen: 0.468 ug/L
RT: 5.084 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

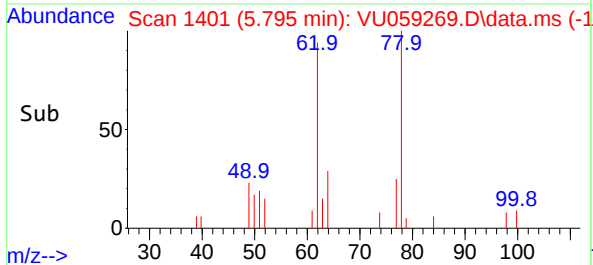
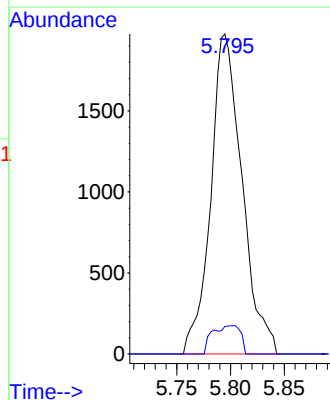
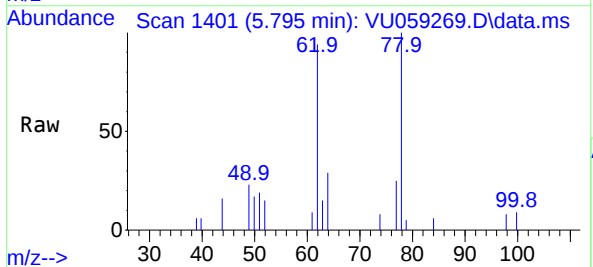
Instrument :
MSVOA_U
ClientSampleId :

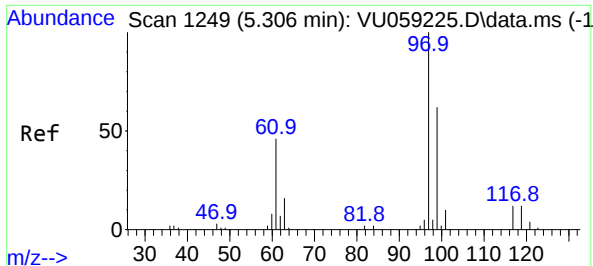
Tgt Ion: 83 Resp: 6960
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 0.439 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 62 Resp: 3989
Ion Ratio Lower Upper
62 100
98 8.6 7.5 11.3

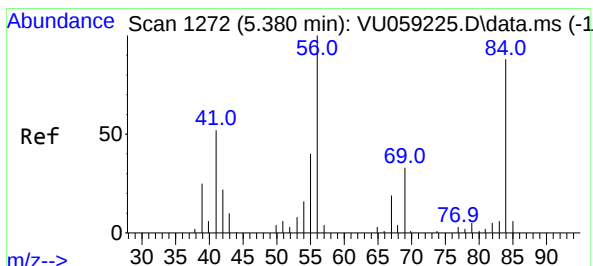
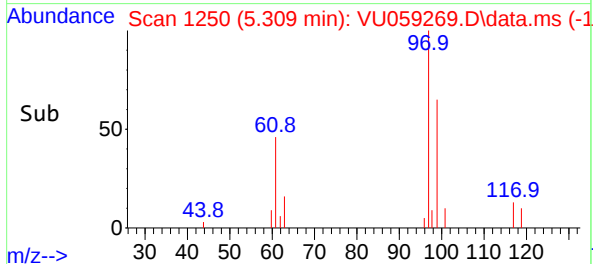
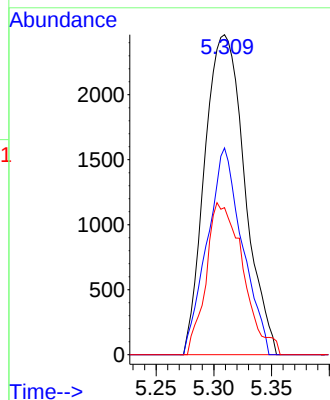
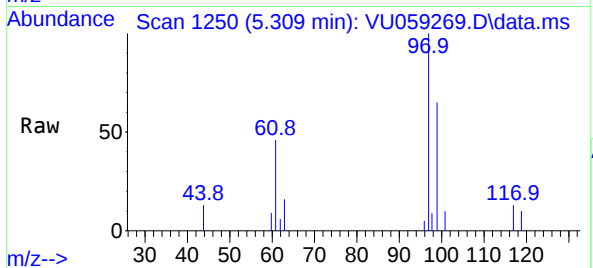




#29
1,1,1-Trichloroethane
Concen: 0.495 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

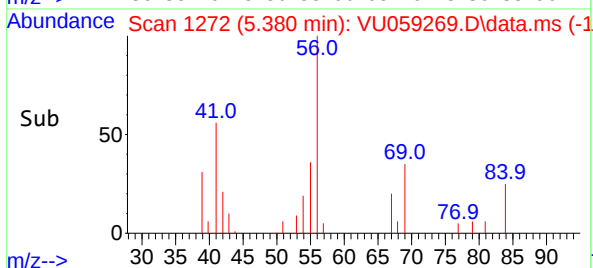
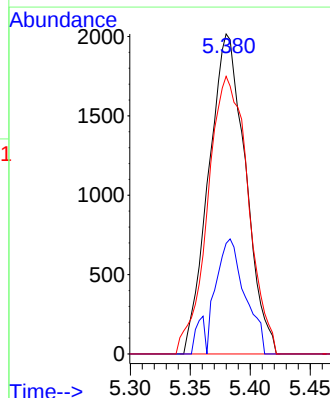
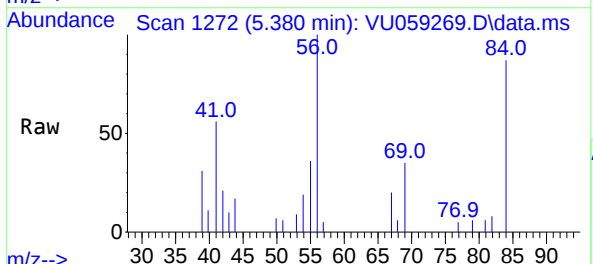
Instrument :
MSVOA_U
ClientSampleId :

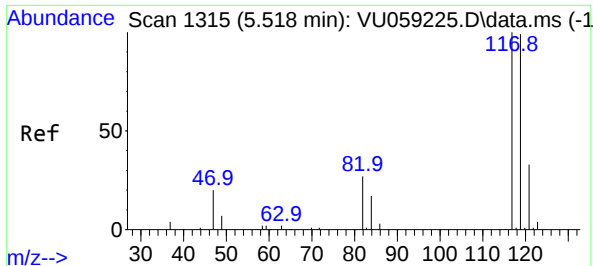
Tgt Ion:	97	Resp:	5927
Ion	Ratio	Lower	Upper
97	100		
99	56.7	51.8	77.6
61	43.9	37.4	56.2



#30
Cyclohexane
Concen: 0.380 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion:	56	Resp:	4303
Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.8	37.2
84	94.7	69.8	104.8

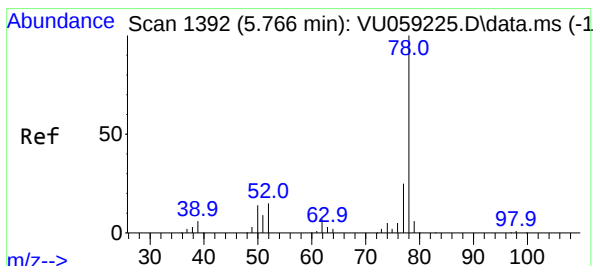
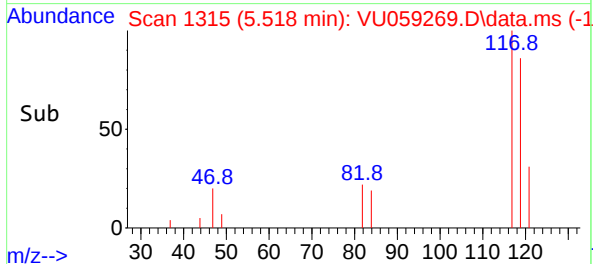
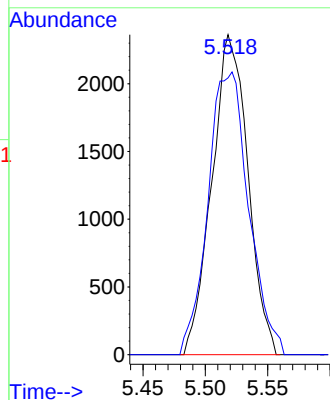
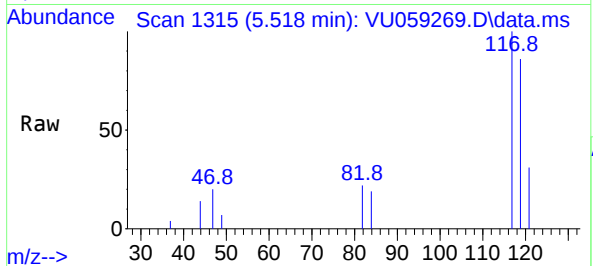




#31
Carbon tetrachloride
Concen: 0.476 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

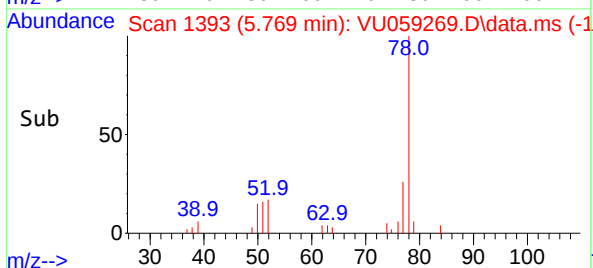
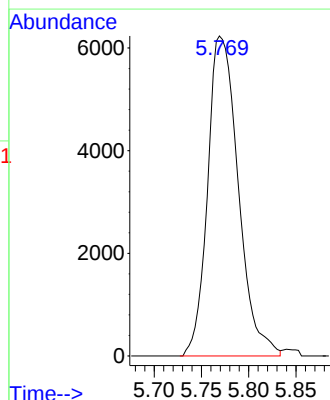
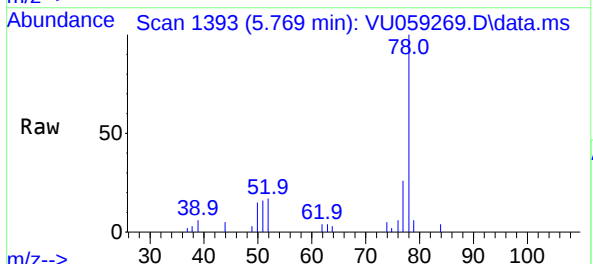
Instrument :
MSVOA_U
ClientSampleId :

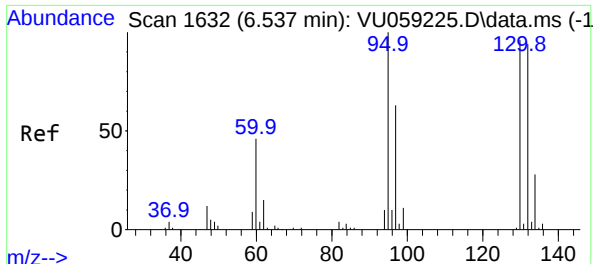
Tgt Ion:117 Resp: 4754
Ion Ratio Lower Upper
117 100
119 99.7 77.5 116.3



#33
Benzene
Concen: 0.446 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 78 Resp: 14050



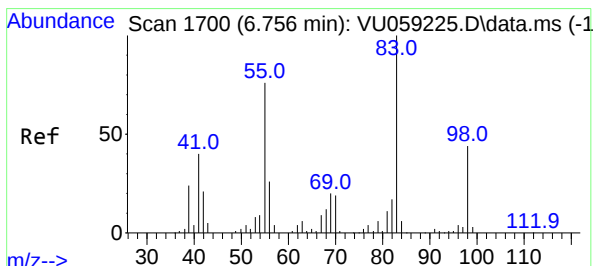
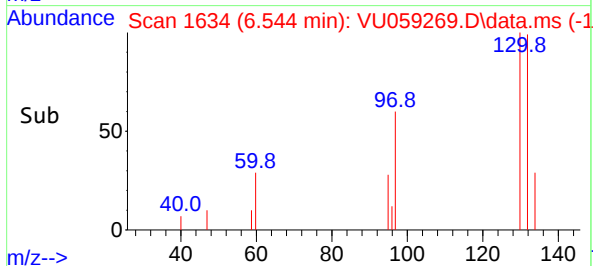
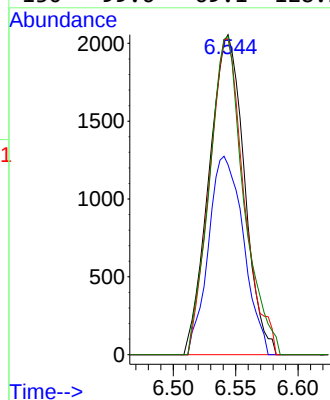
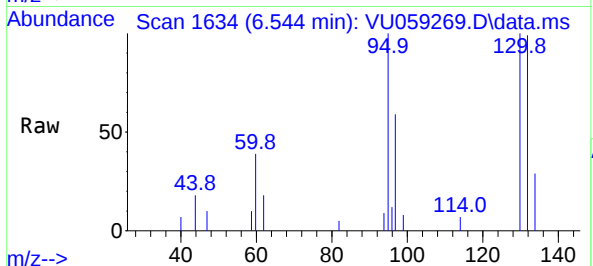


#34
Trichloroethene
Concen: 0.485 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4040

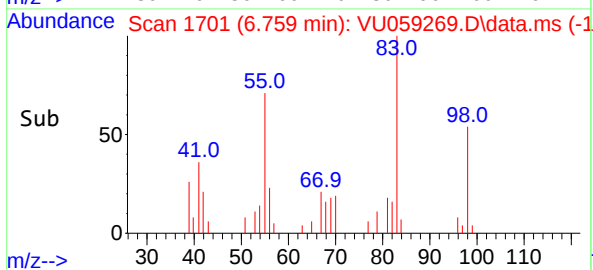
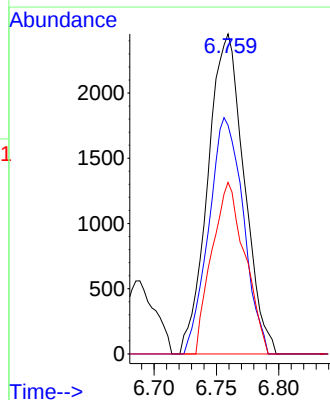
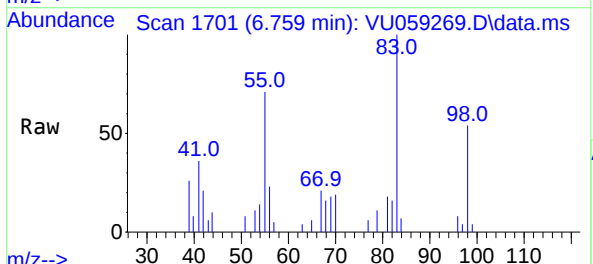
Ion	Ratio	Lower	Upper
95	100		
97	59.3	45.3	84.1
132	98.7	64.0	119.0
130	99.6	69.1	128.3

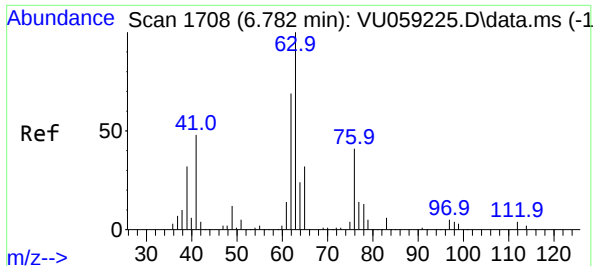


#35
Methylcyclohexane
Concen: 0.418 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 83 Resp: 4963

Ion	Ratio	Lower	Upper
83	100		
55	70.4	62.7	94.1
98	49.0	35.4	53.0

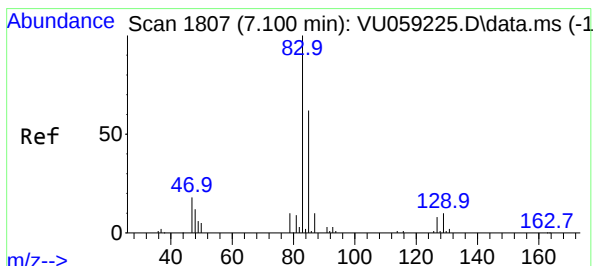
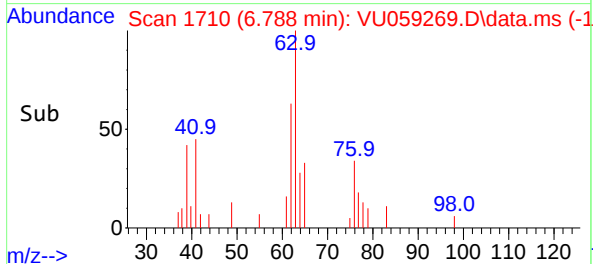
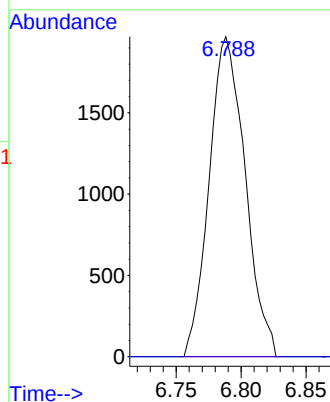
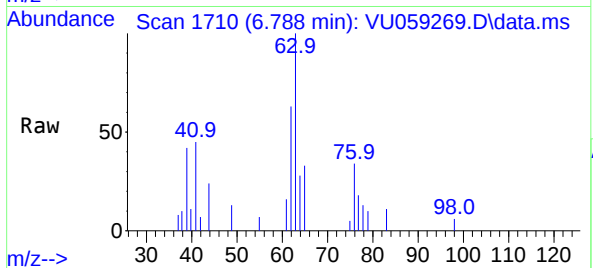




#37
1,2-Dichloropropane
Concen: 0.424 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

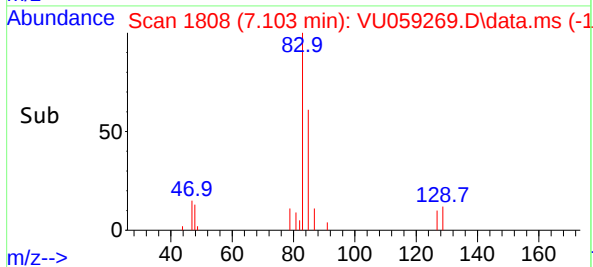
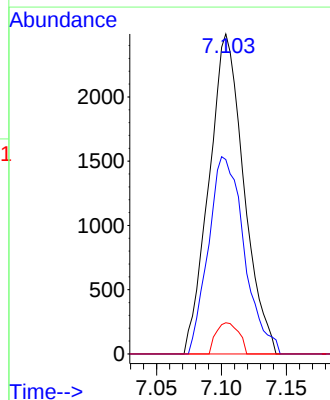
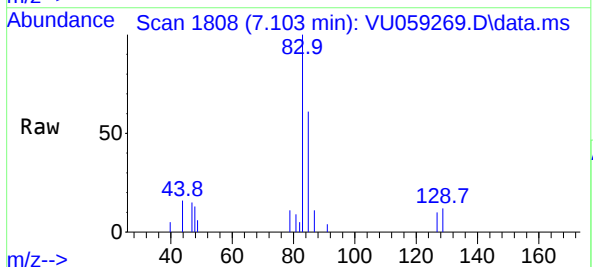
Instrument :
MSVOA_U
ClientSampleId :

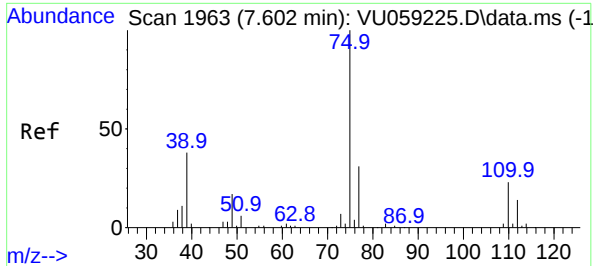
Tgt Ion: 63 Resp: 3789
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 0.433 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 83 Resp: 4639
Ion Ratio Lower Upper
83 100
85 60.7 42.7 79.3
127 9.8 6.1 9.1#

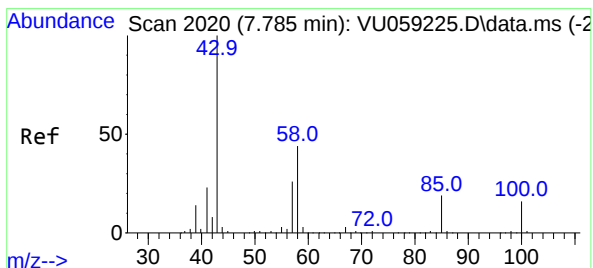
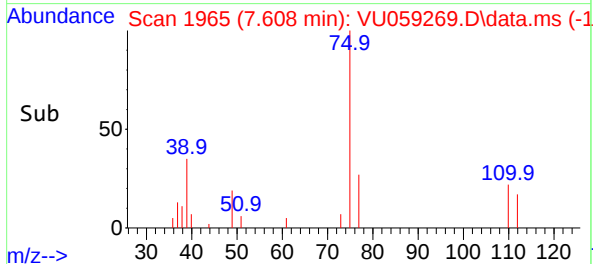
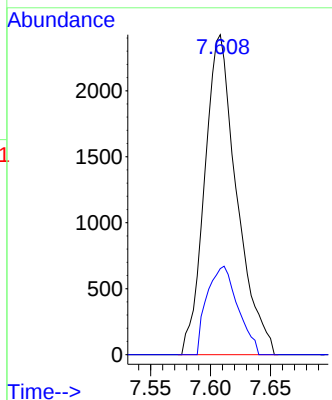
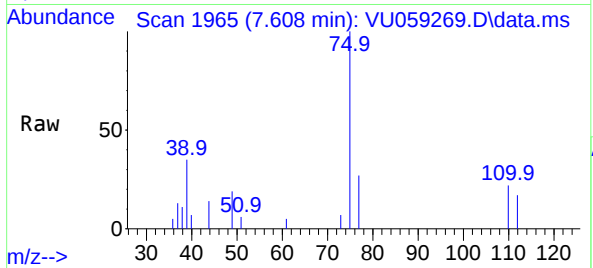




#39
cis-1,3-Dichloropropene
Concen: 0.371 ug/L
RT: 7.608 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

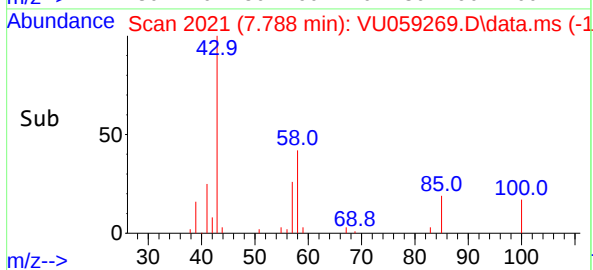
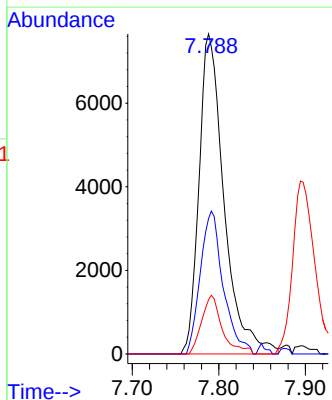
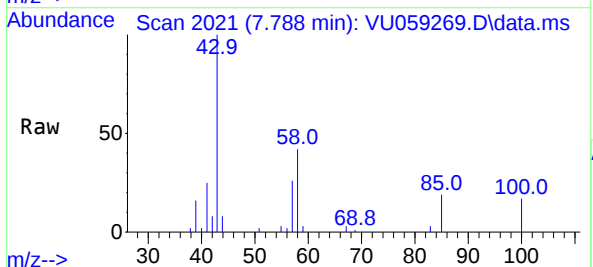
Instrument :
MSVOA_U
ClientSampleId :

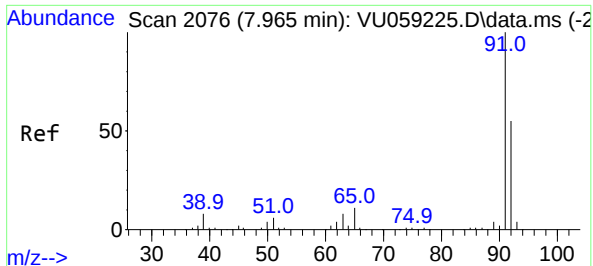
Tgt Ion: 75 Resp: 4515
Ion Ratio Lower Upper
75 100
77 26.9 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 3.328 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 43 Resp: 15365
Ion Ratio Lower Upper
43 100
58 40.8 34.0 51.0
100 15.0 12.1 18.1





#42

Toluene

Concen: 0.413 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

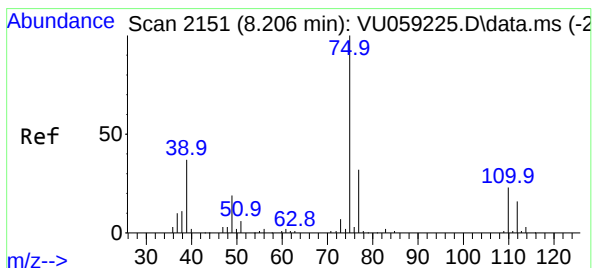
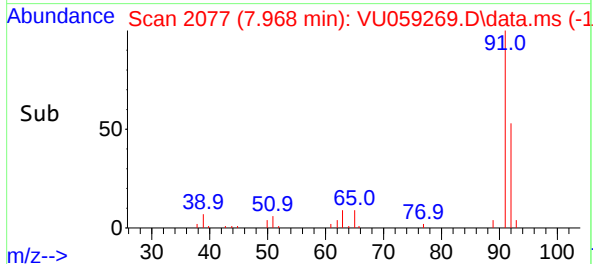
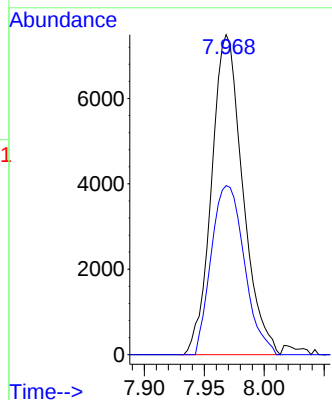
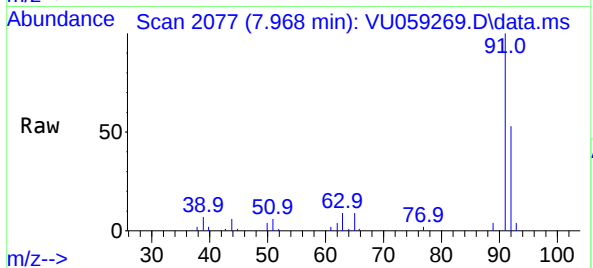
ClientSampleId :

Tgt Ion: 91 Resp: 13547

Ion Ratio Lower Upper

91 100

92 52.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.355 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.007 min

Lab File: VU059269.D

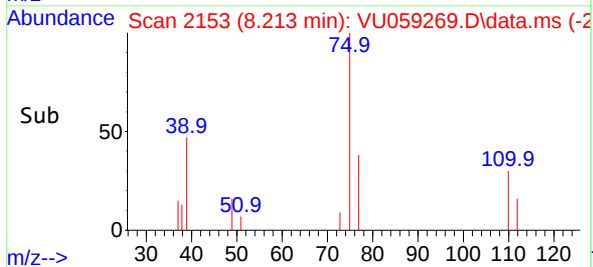
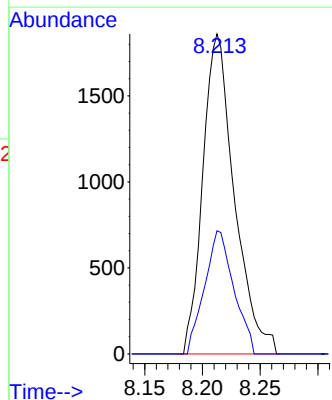
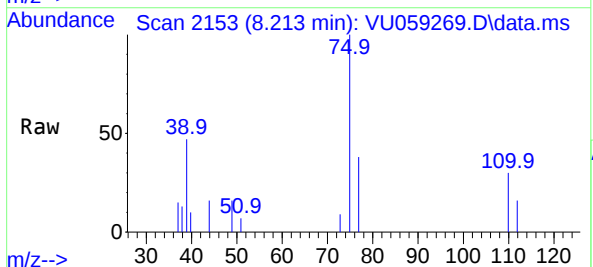
Acq: 17 Jun 2024 09:37

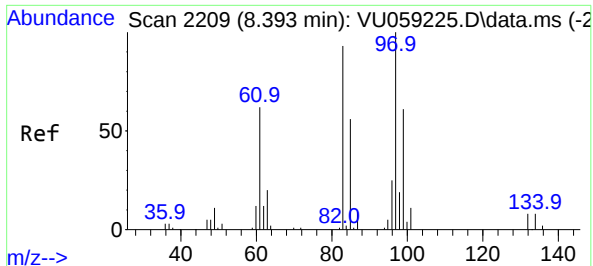
Tgt Ion: 75 Resp: 3530

Ion Ratio Lower Upper

75 100

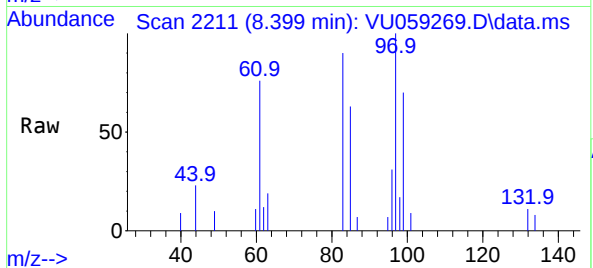
77 38.5 22.0 41.0





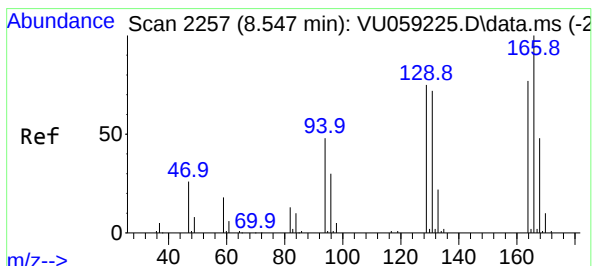
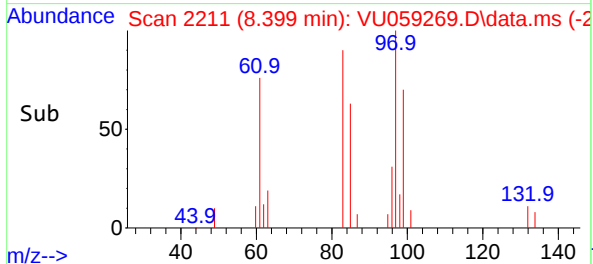
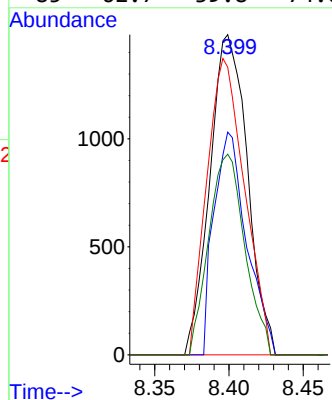
#45
1,1,2-Trichloroethane
Concen: 0.415 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 2606

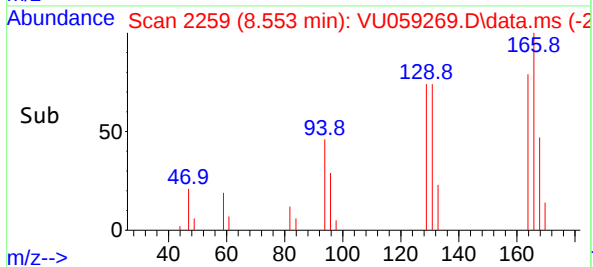
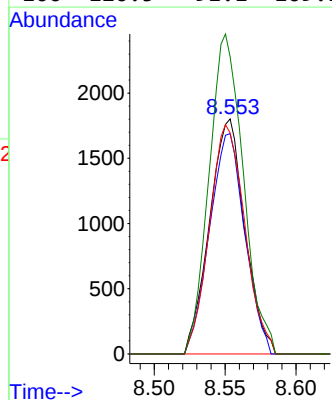
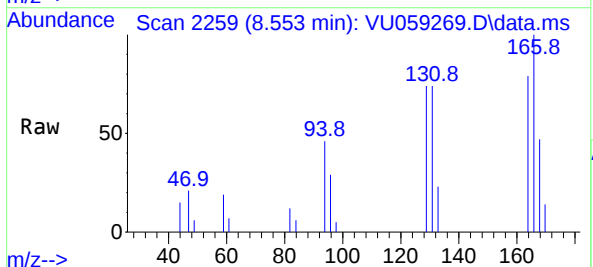
Ion	Ratio	Lower	Upper
97	100		
99	69.6	43.3	80.3
83	89.9	62.3	115.7
85	62.7	39.8	74.0

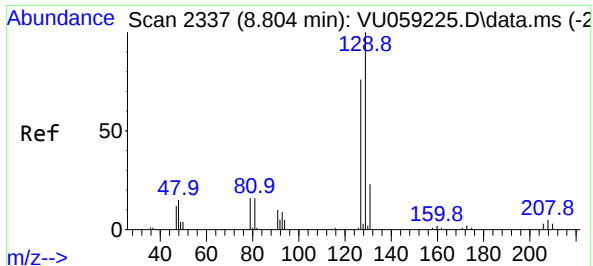


#47
Tetrachloroethene
Concen: 0.528 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 164 Resp: 3131

Ion	Ratio	Lower	Upper
164	100		
129	93.7	70.8	131.4
131	94.0	64.8	120.3
166	126.5	91.1	169.1





#49

Dibromochloromethane

Concen: 0.453 ug/L

RT: 8.804 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

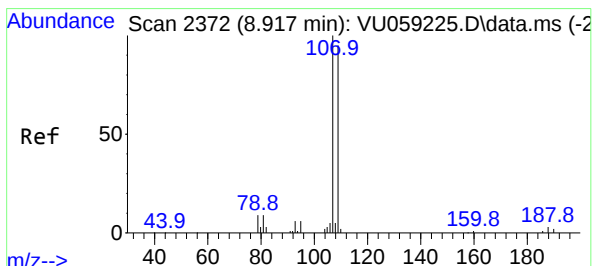
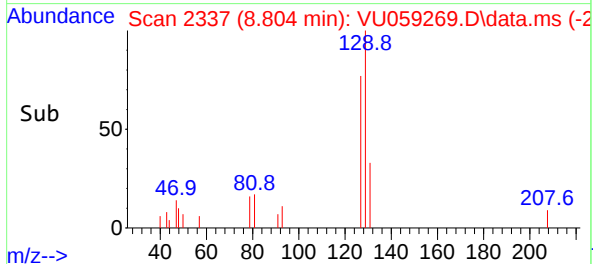
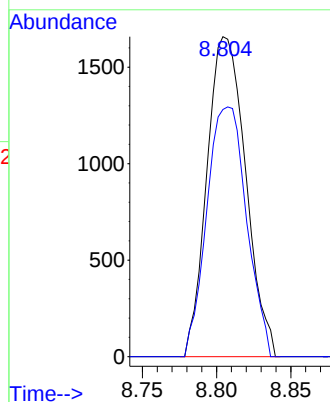
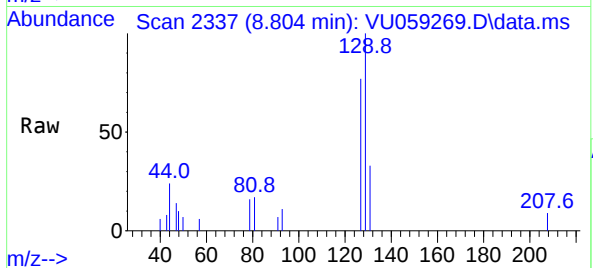
ClientSampleId :

Tgt Ion:129 Resp: 3001

Ion Ratio Lower Upper

129 100

127 77.3 52.5 97.5



#50

1,2-Dibromoethane

Concen: 0.447 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

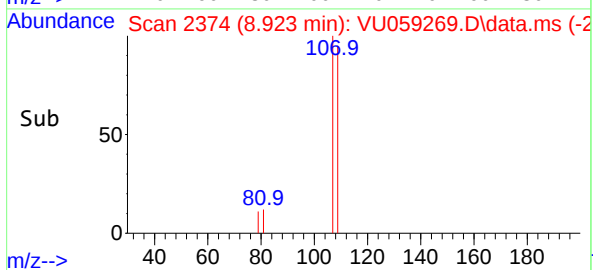
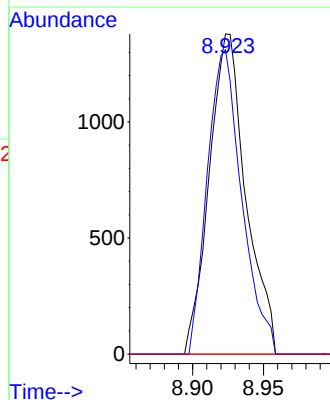
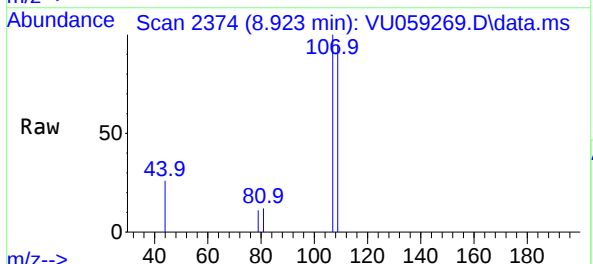
Tgt Ion:107 Resp: 2483

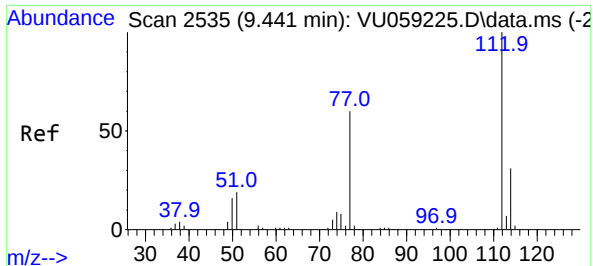
Ion Ratio Lower Upper

107 100

109 95.1 66.9 124.3

188 0.0 2.7 4.1#





#51

Chlorobenzene

Concen: 0.456 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU059269.D

Acq: 17 Jun 2024 09:37

Instrument :

MSVOA_U

ClientSampleId :

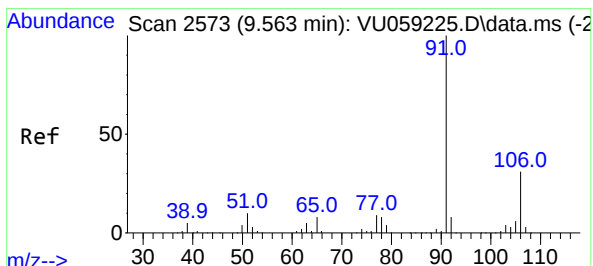
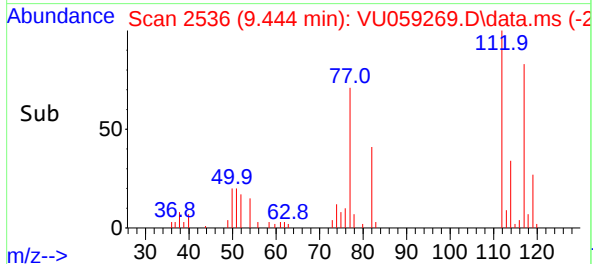
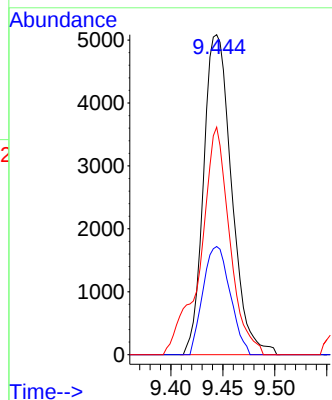
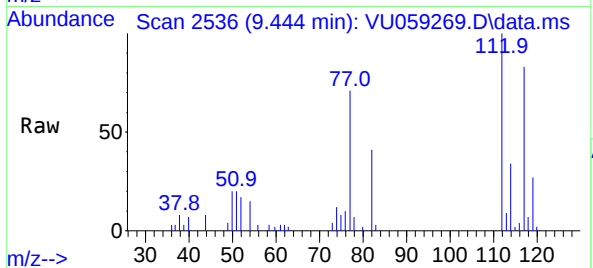
Tgt Ion:112 Resp: 9545

Ion Ratio Lower Upper

112 100

114 33.8 22.4 41.6

77 71.1 49.1 73.7



#52

Ethylbenzene

Concen: 0.385 ug/L

RT: 9.569 min Scan# 2575

Delta R.T. 0.006 min

Lab File: VU059269.D

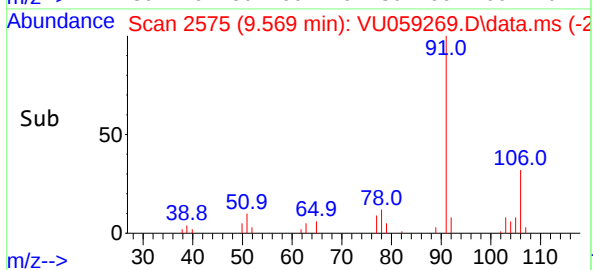
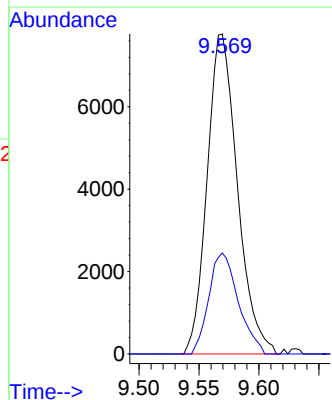
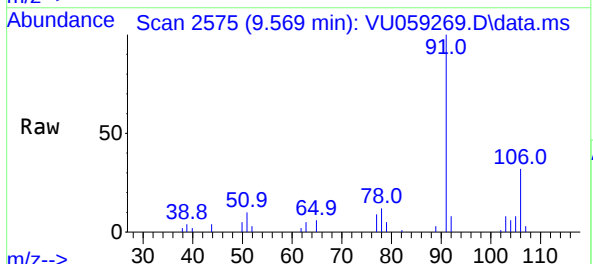
Acq: 17 Jun 2024 09:37

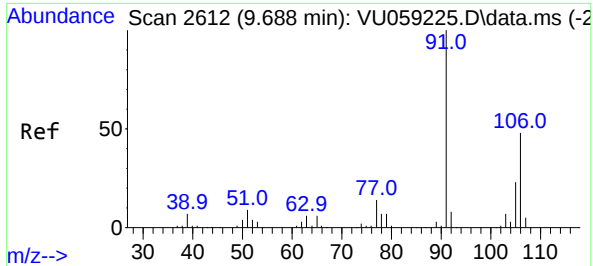
Tgt Ion: 91 Resp: 13628

Ion Ratio Lower Upper

91 100

106 31.5 20.9 38.7

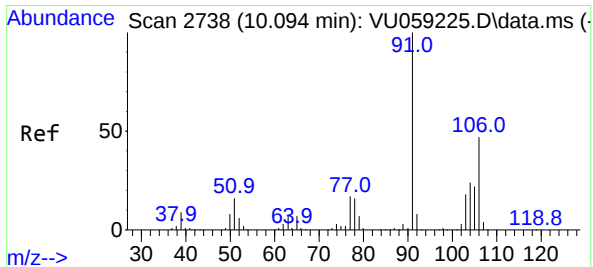
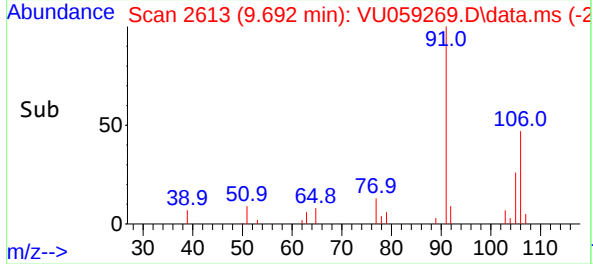
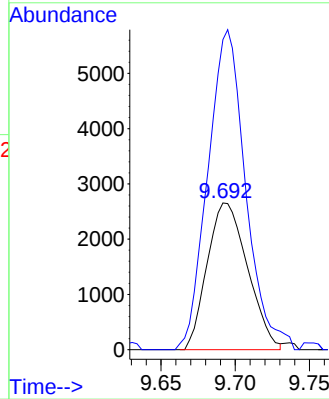
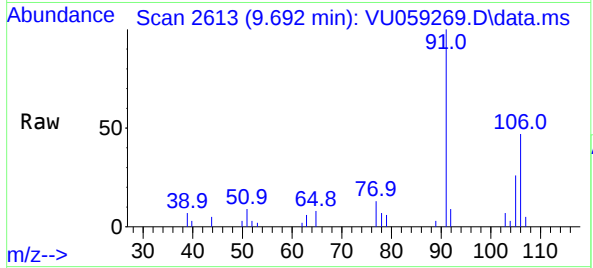




#53
m,p-Xylene
Concen: 0.387 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

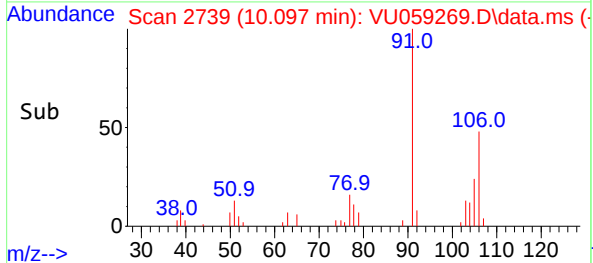
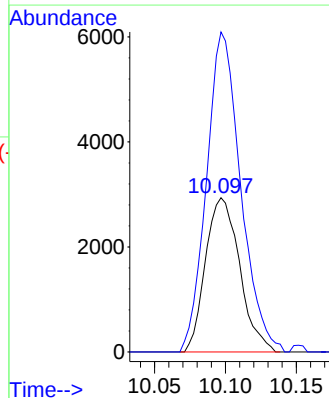
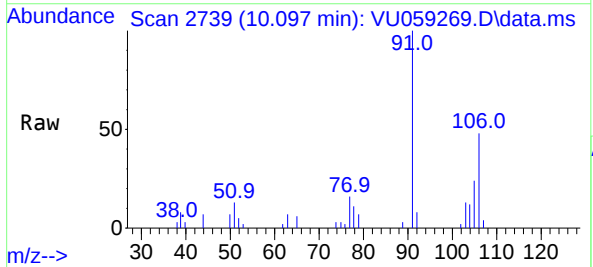
Instrument :
MSVOA_U
ClientSampleId :

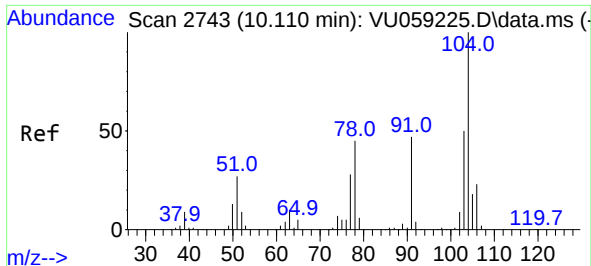
Tgt Ion:106 Resp: 5024
Ion Ratio Lower Upper
106 100
91 211.4 142.0 263.8



#54
o-Xylene
Concen: 0.387 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

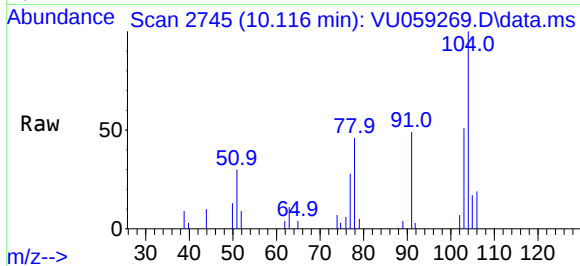
Tgt Ion:106 Resp: 4915
Ion Ratio Lower Upper
106 100
91 207.4 151.6 281.6



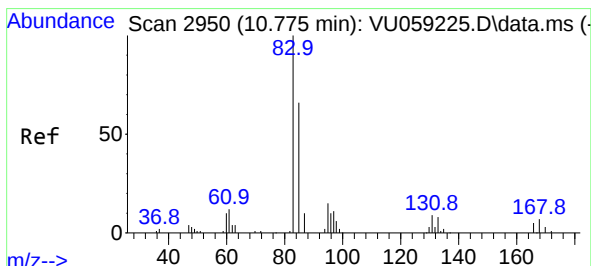
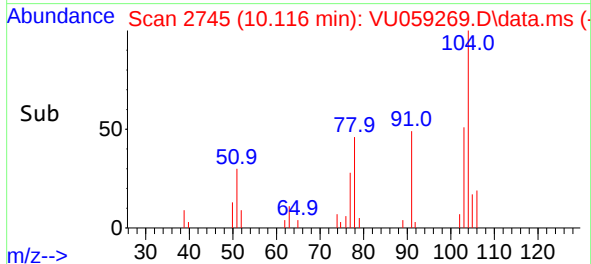
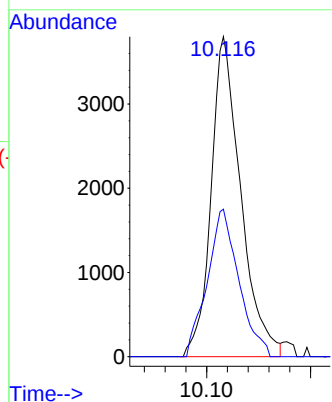


#55
Styrene
Concen: 0.352 ug/L
RT: 10.116 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

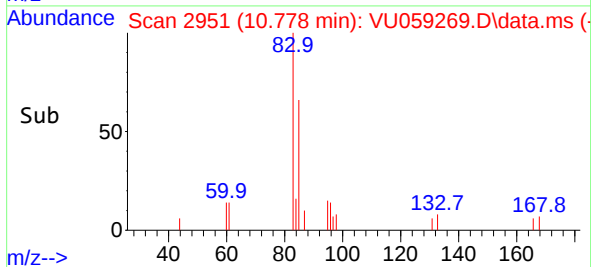
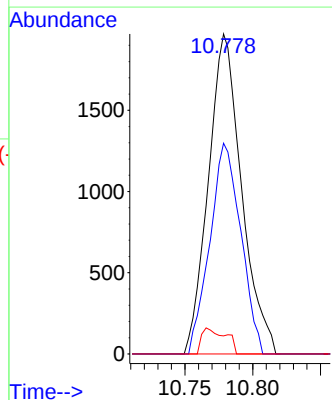
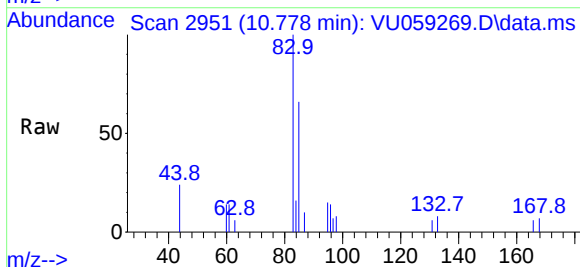


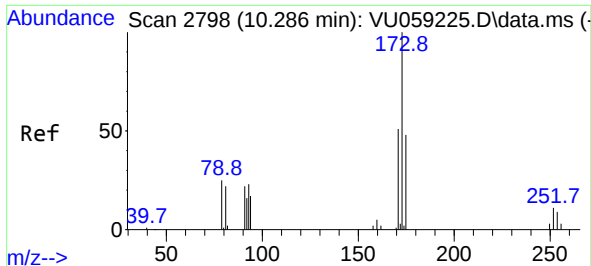
Tgt Ion:104 Resp: 7521
Ion Ratio Lower Upper
104 100
78 46.1 32.3 60.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.420 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

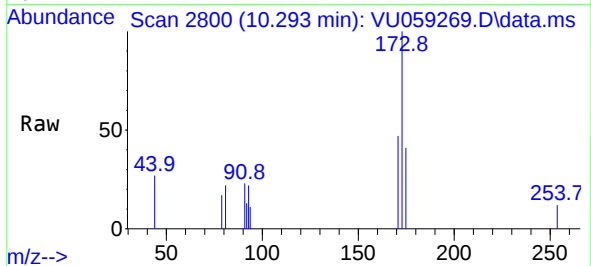
Tgt Ion: 83 Resp: 3349
Ion Ratio Lower Upper
83 100
85 65.8 44.7 82.9
131 5.6 6.9 10.3#



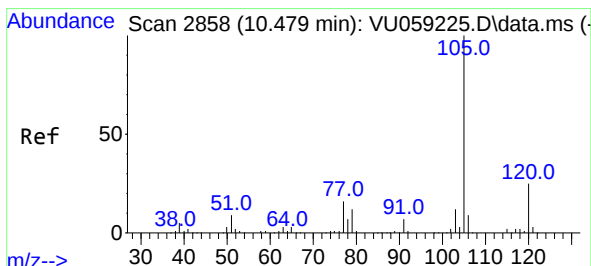
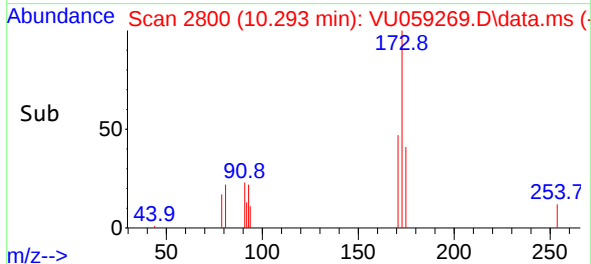
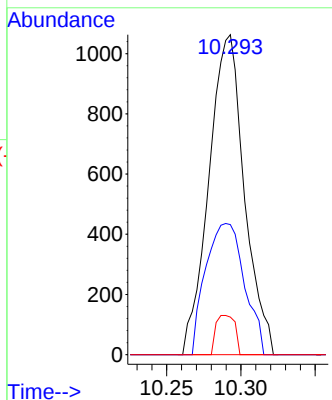


#59
Bromoform
Concen: 0.491 ug/L
RT: 10.293 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

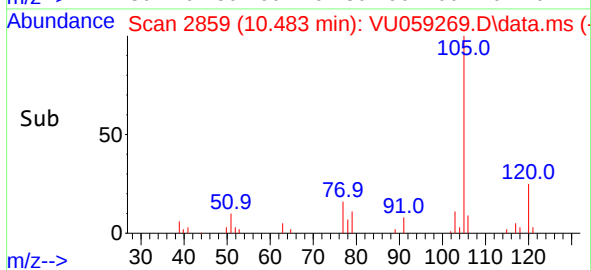
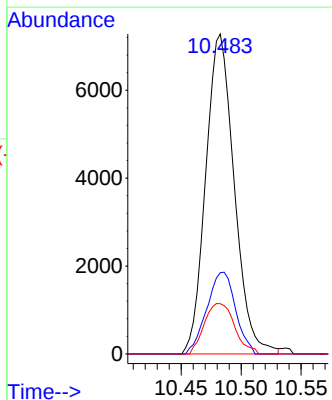
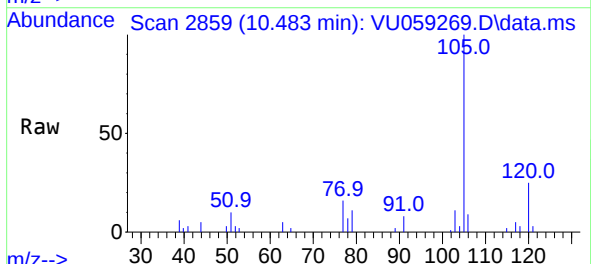


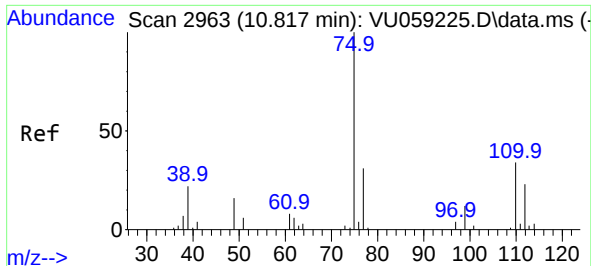
Tgt Ion:173 Resp: 1766
Ion Ratio Lower Upper
173 100
175 44.7 39.4 59.2
254 6.6 7.4 11.2#



#60
Isopropylbenzene
Concen: 0.382 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.004 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion:105 Resp: 12042
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.7 12.8 19.2

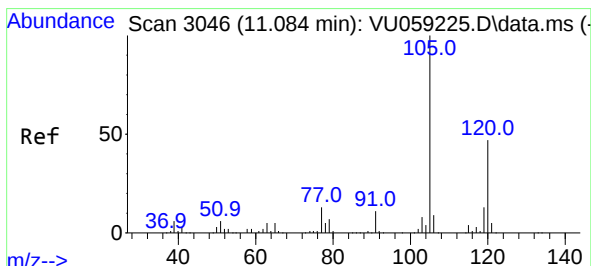
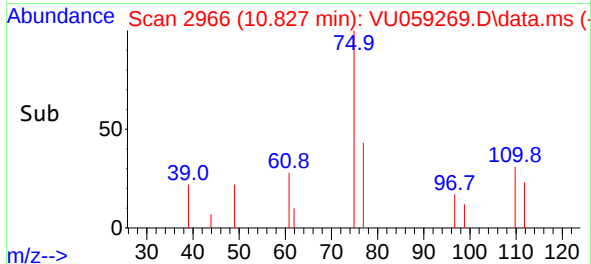
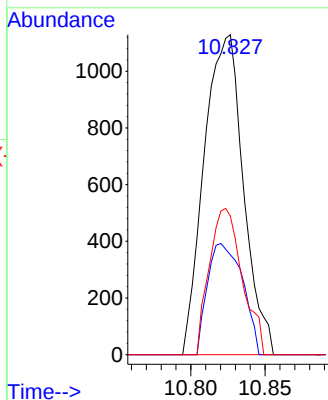
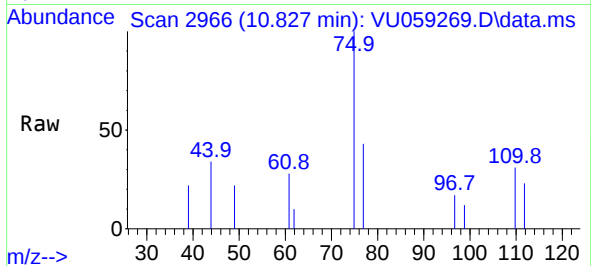




#61
1,2,3-Trichloropropane
Concen: 0.410 ug/L
RT: 10.827 min Scan# 2966
Delta R.T. 0.010 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

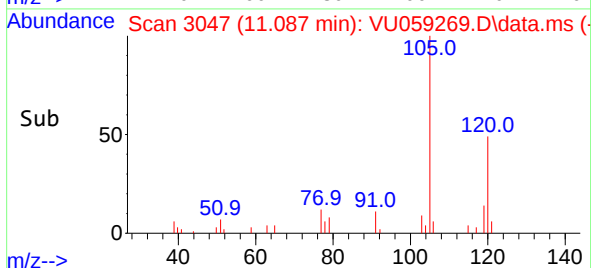
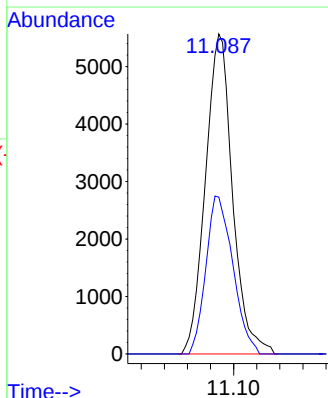
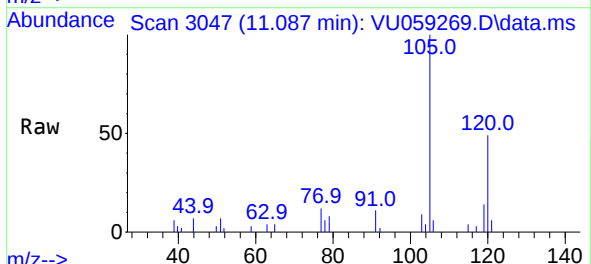
Instrument :
MSVOA_U
ClientSampleId :

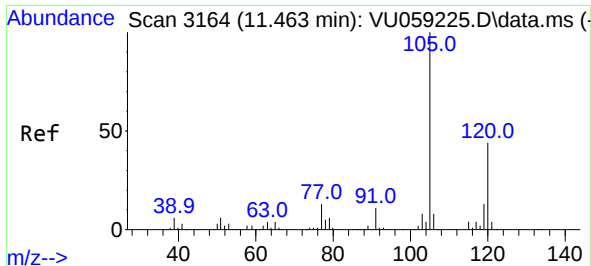
Tgt Ion: 75 Resp: 2075
Ion Ratio Lower Upper
75 100
110 31.0 27.1 40.7
77 38.3 25.4 38.2#



#62
1,3,5-Trimethylbenzene
Concen: 0.361 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Tgt Ion: 105 Resp: 9060
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4

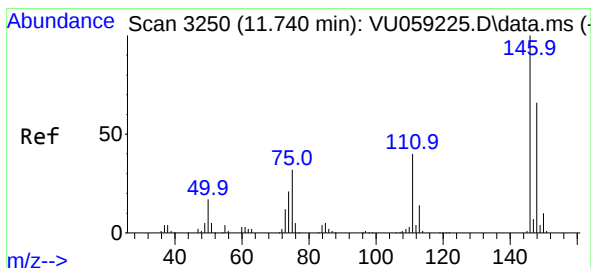
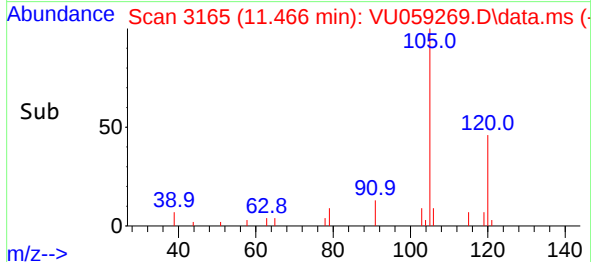
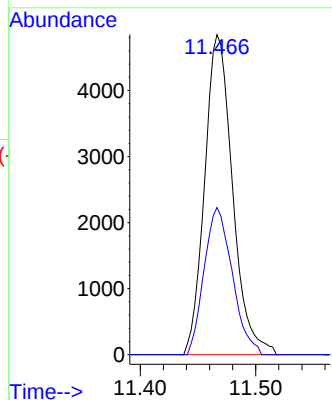
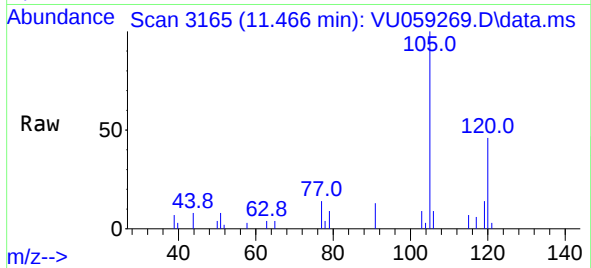




#63
1,2,4-Trimethylbenzene
Concen: 0.327 ug/L
RT: 11.466 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

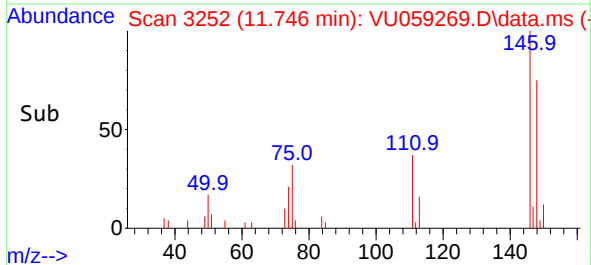
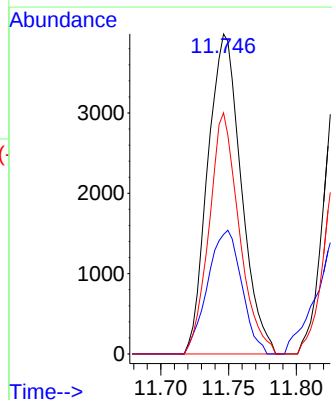
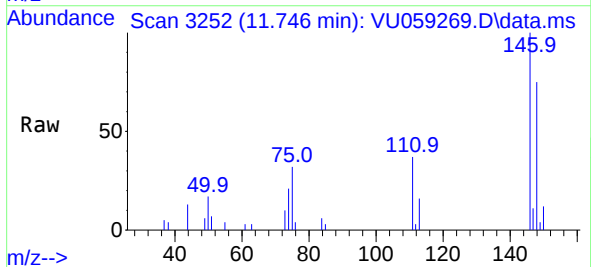
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8135
Ion Ratio Lower Upper
105 100
120 46.4 35.4 53.0



#64
1,3-Dichlorobenzene
Concen: 0.446 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

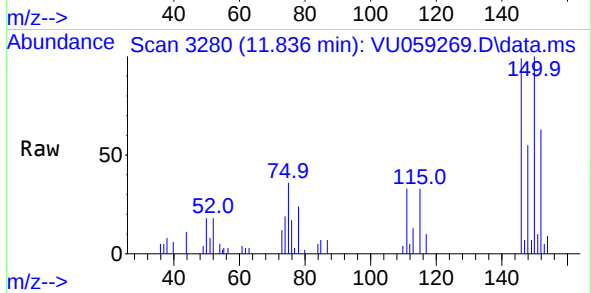
Tgt Ion:146 Resp: 6830
Ion Ratio Lower Upper
146 100
111 37.3 27.4 51.0
148 75.3 45.0 83.6



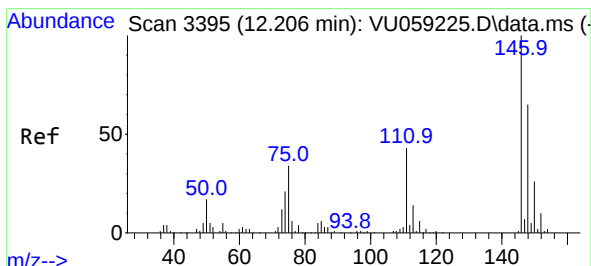
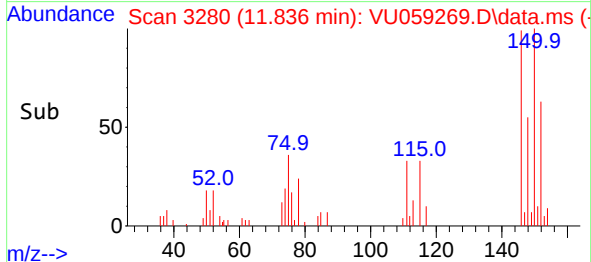
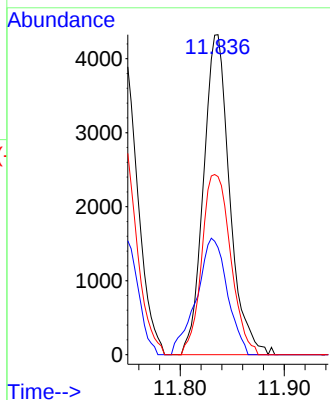


#65
1,4-Dichlorobenzene
Concen: 0.495 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

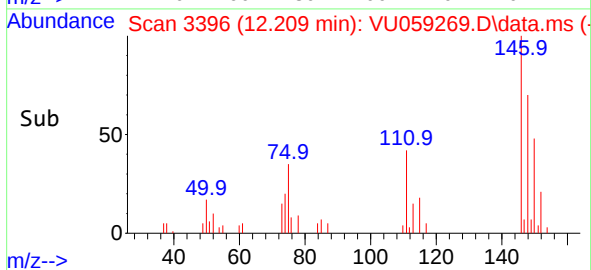
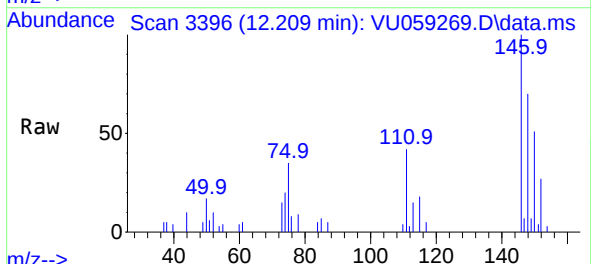
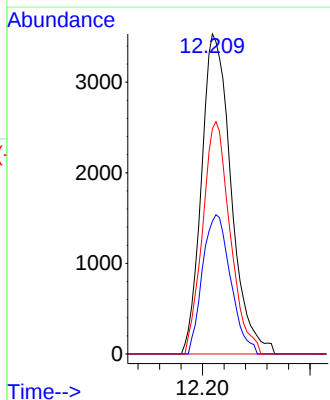


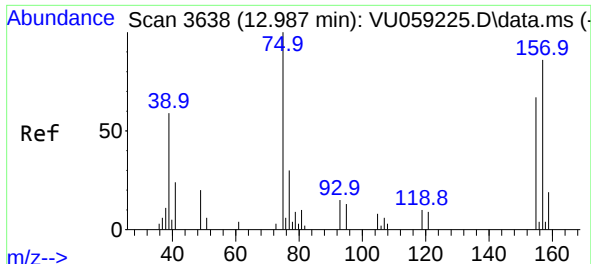
Tgt Ion:146 Resp: 7576
Ion Ratio Lower Upper
146 100
111 33.5 26.9 50.1
148 55.7 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 0.471 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

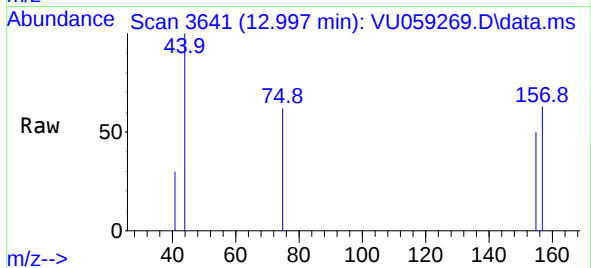
Tgt Ion:146 Resp: 6750
Ion Ratio Lower Upper
146 100
111 41.5 33.4 50.0
148 70.4 49.7 74.5



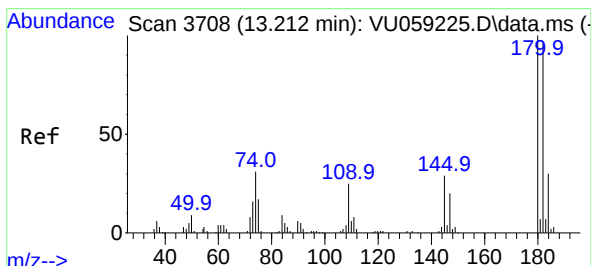
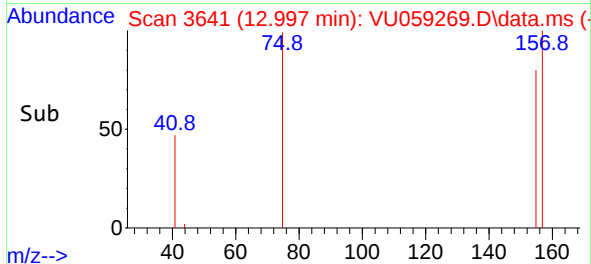
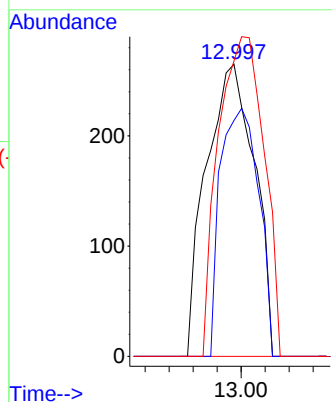


#68
1,2-Dibromo-3-chloropropane
Concen: 0.363 ug/L
RT: 12.997 min Scan# 3641
Delta R.T. 0.010 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

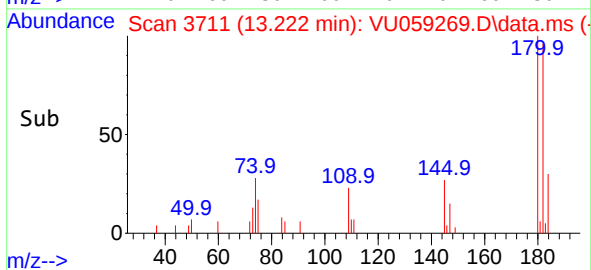
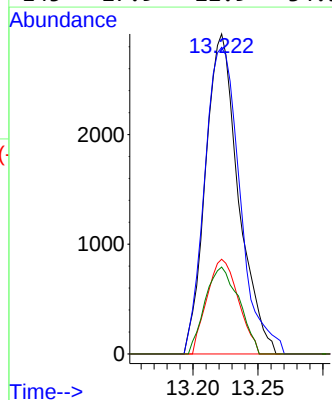
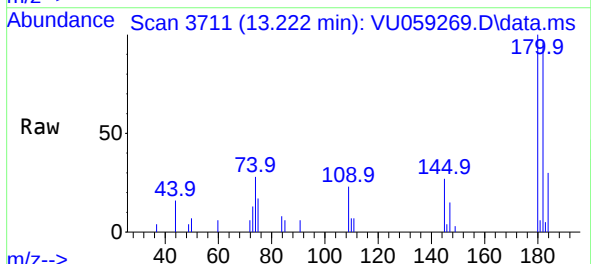


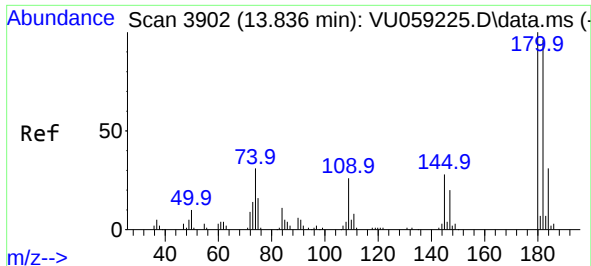
Tgt Ion: 75 Resp: 370
Ion Ratio Lower Upper
75 100
155 80.8 58.2 87.2
157 101.1 80.0 120.0



#69
1,3,5-Trichlorobenzene
Concen: 0.448 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.010 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

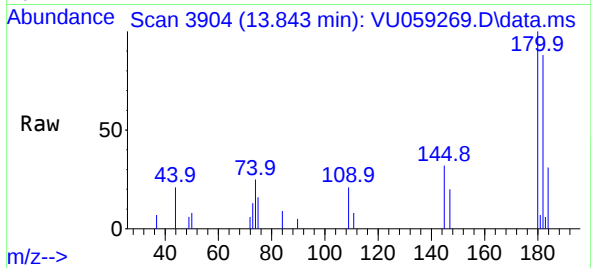
Tgt Ion: 180 Resp: 5143
Ion Ratio Lower Upper
180 100
182 102.7 75.4 113.0
184 28.3 23.0 34.6
145 27.9 22.9 34.3



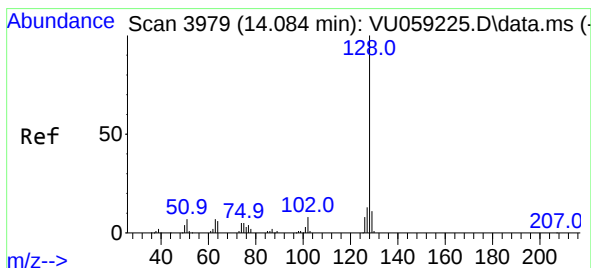
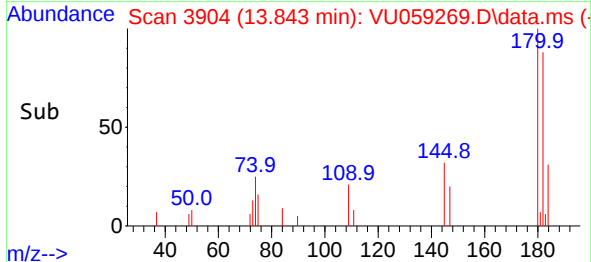
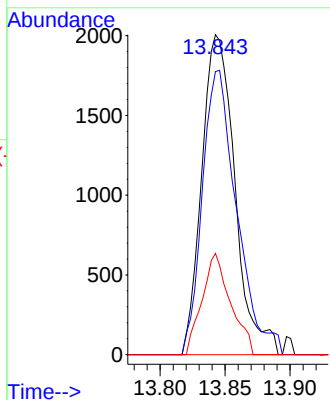


#70
1,2,4-trichlorobenzene
Concen: 0.376 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :

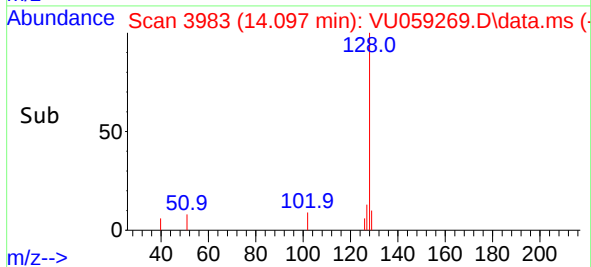
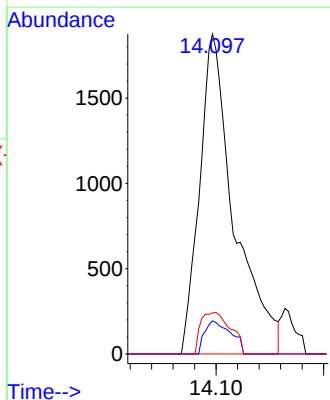
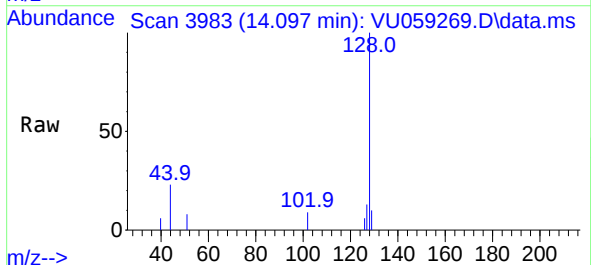


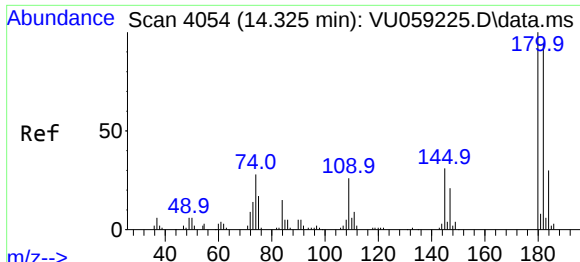
Tgt Ion:180 Resp: 3570
Ion Ratio Lower Upper
180 100
182 92.0 74.9 112.3
145 27.2 23.9 35.9



#71
Naphthalene
Concen: 0.292 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

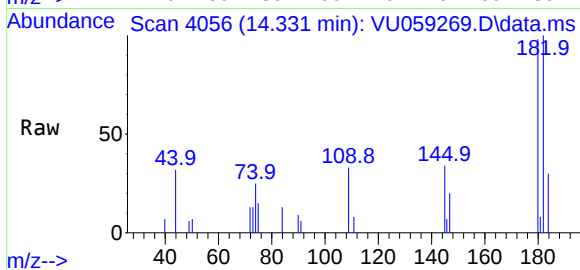
Tgt Ion:128 Resp: 4170
Ion Ratio Lower Upper
128 100
129 7.8 8.2 12.4#
127 11.2 10.2 15.4





#72
1,2,3-Trichlorobenzene
Concen: 0.382 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU059269.D
Acq: 17 Jun 2024 09:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	180	Resp:	3176
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.6
145	33.6	26.2	39.4

