

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU052998.D
 Acq On : 08 Feb 2023 13:12
 Operator : JC/MD
 Sample : VSTD10077
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100076

Quant Time: Feb 09 00:36:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 00:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	319825	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	304068	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	176151	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	296292	121.463	ug/L	0.00
7) Chloroethane-d5	1.913	69	240422	120.680	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	63	454853	99.529	ug/L	0.00
21) 2-Butanone-d5	4.624	46	237806	174.267	ug/L	0.00
24) Chloroform-d	5.058	84	492824	100.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	290305	93.897	ug/L	0.00
32) Benzene-d6	5.723	84	1017385	107.674	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	309900	110.878	ug/L	0.00
41) Toluene-d8	7.894	98	987359	113.086	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	174435	121.527	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	196503	208.126	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	433877	106.084	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.186	152	397252	112.792	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	247079	84.551	ug/L	100
3) Chloromethane	1.518	50	220353	89.935	ug/L	99
5) Vinyl chloride	1.605	62	276929	100.253	ug/L	97
6) Bromomethane	1.859	94	197388	111.294	ug/L	99
8) Chloroethane	1.936	64	171452	99.129	ug/L	96
9) Trichlorofluoromethane	2.138	101	432422	94.814	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	218434	86.772	ug/L	97
12) 1,1-Dichloroethene	2.579	96	207059	89.092	ug/L	91
13) Acetone	2.640	43	181845	113.132	ug/L	93
14) Carbon disulfide	2.791	76	613961	87.636	ug/L	99
16) Methylene chloride	3.042	84	231934	84.380	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	219705	87.942	ug/L	95
18) Methyl tert-butyl Ether	3.357	73	683992	92.514	ug/L	97
19) 1,1-Dichloroethane	3.865	63	375166	86.019	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	248254	92.177	ug/L #	96
22) 2-Butanone	4.704	43	235358	136.672	ug/L	85
23) Bromochloromethane	4.971	128	134505	89.786	ug/L	93
25) Chloroform	5.083	83	423962	86.458	ug/L	100
27) 1,2-Dichloroethane	5.788	62	300789	79.052	ug/L	98
29) Cyclohexane	5.386	56	340151	95.420	ug/L	95
30) 1,1,1-Trichloroethane	5.312	97	383223	87.506	ug/L	98
31) Carbon tetrachloride	5.521	117	340283	89.577	ug/L	100
33) Benzene	5.768	78	913345	89.835	ug/L	100
34) Trichloroethene	6.537	95	248731	94.840	ug/L	99
35) Methylcyclohexane	6.759	83	416105	99.688	ug/L	94
37) 1,2-Dichloropropane	6.784	63	227509	90.686	ug/L	98
38) Bromodichloromethane	7.099	83	335680	90.761	ug/L	100
39) cis-1,3-Dichloropropene	7.601	75	397125	99.335	ug/L	97
40) 4-Methyl-2-pentanone	7.784	43	439240	155.119	ug/L	93
42) Toluene	7.964	91	1029228	97.473	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	389655	99.491	ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	236264	91.880	ug/L	98

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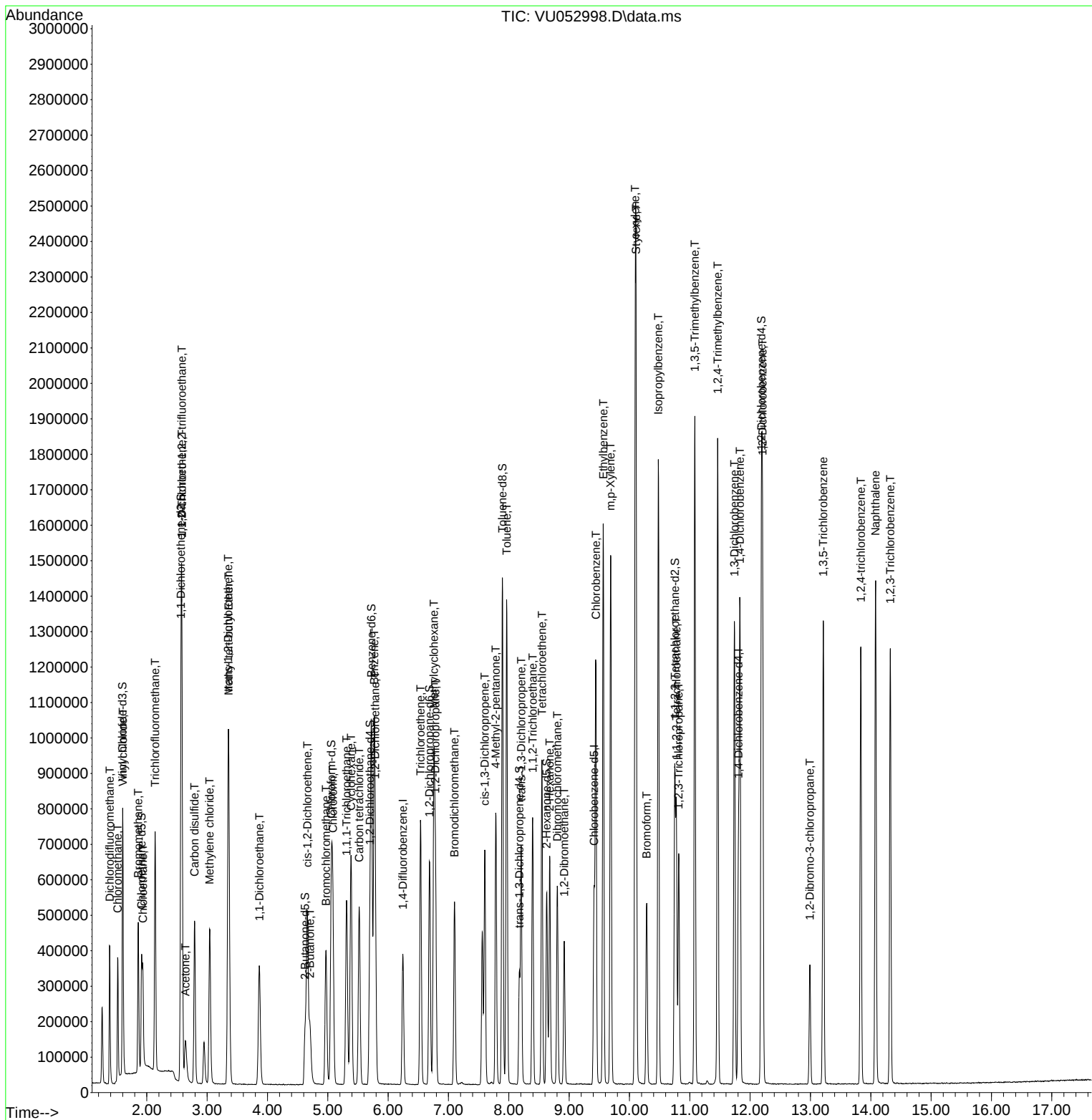
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100076

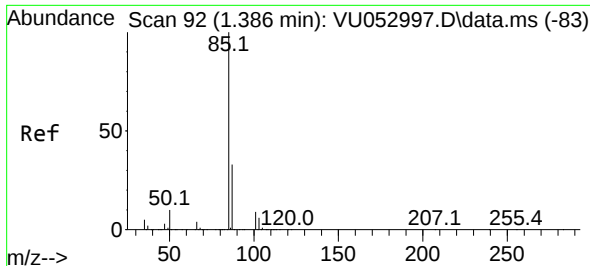
Quant Time: Feb 09 00:36:21 2023
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 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 00:33:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.550	164	197516	88.889	ug/L	96
48) 2-Hexanone	8.678	43	350588	147.735	ug/L	92
49) Dibromochloromethane	8.804	129	291506	94.261	ug/L	100
50) 1,2-Dibromoethane	8.919	107	264464	95.008	ug/L	100
51) Chlorobenzene	9.443	112	664658	91.833	ug/L	98
52) Ethylbenzene	9.566	91	1133739	99.881	ug/L	99
53) m,p-Xylene	9.688	106	449377	98.339	ug/L	97
54) o-xylene	10.096	106	448851	102.799	ug/L	94
55) Styrene	10.109	104	769080	102.867	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	371969	90.046	ug/L	100
59) Bromoform	10.286	173	227717	94.871	ug/L	97
60) 1,2,3-Trichloropropane	10.816	75	275952	82.973	ug/L	98
61) Isopropylbenzene	10.479	105	1166348	102.006	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	1034776	107.806	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	1011209	108.916	ug/L	96
64) 1,3-Dichlorobenzene	11.739	146	540340	94.255	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	542759	91.915	ug/L	98
67) 1,2-Dichlorobenzene	12.205	146	537405	93.427	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	85637	88.941	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	421729	97.966	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	393033	107.367	ug/L	98
71) Naphthalene	14.080	128	1159110	110.776	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	384344	101.038	ug/L	98

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

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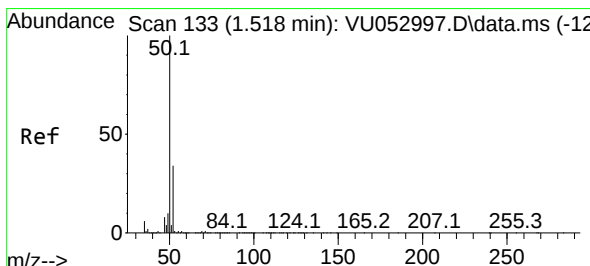
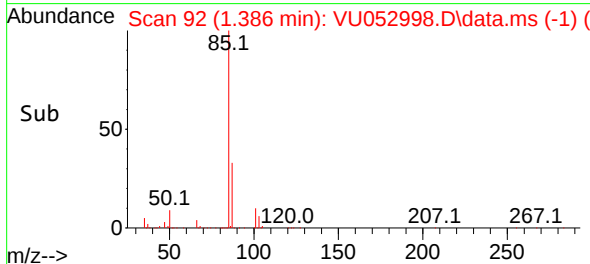
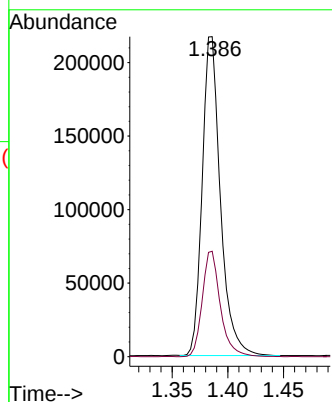
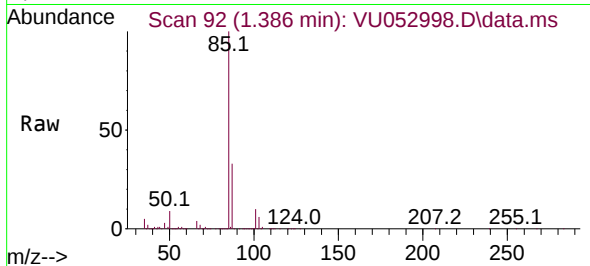




#2
 Dichlorodifluoromethane
 Concen: 84.551 ug/L
 RT: 1.386 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

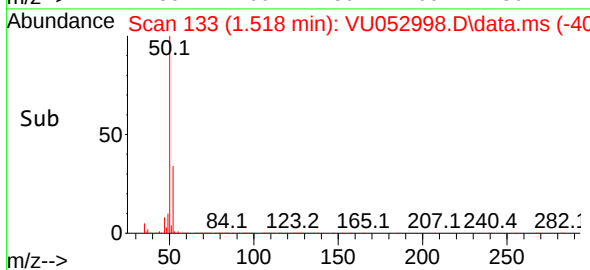
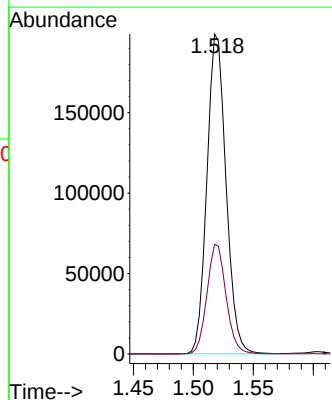
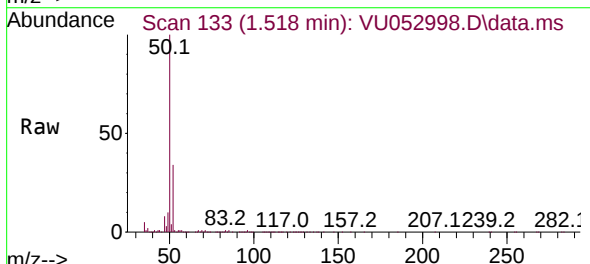
Instrument :
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 ClientSampleId :
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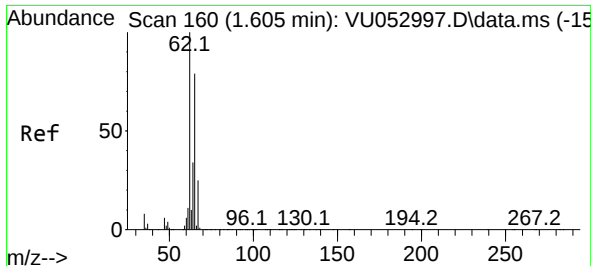
Tgt Ion: 85 Resp: 247079
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.4 39.6



#3
 Chloromethane
 Concen: 89.935 ug/L
 RT: 1.518 min Scan# 133
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

Tgt Ion: 50 Resp: 220353
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.4

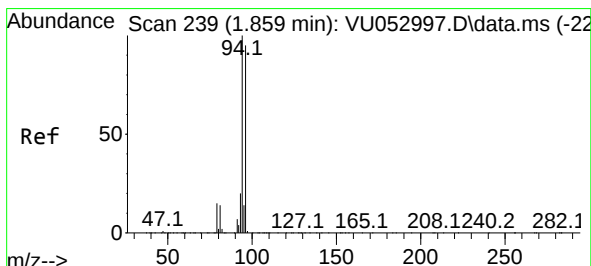
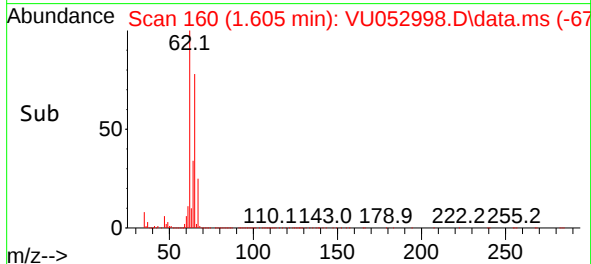
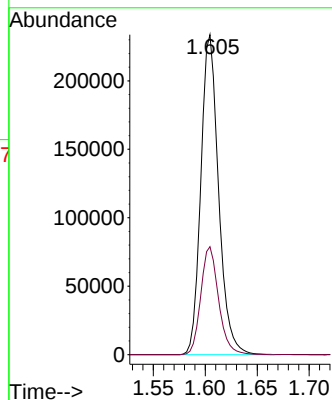
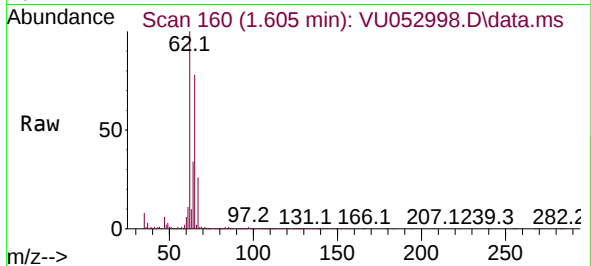




#5
 Vinyl chloride
 Concen: 100.253 ug/L
 RT: 1.605 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

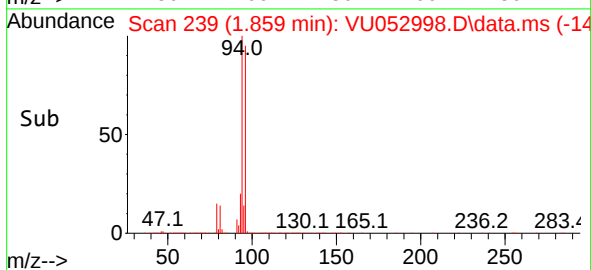
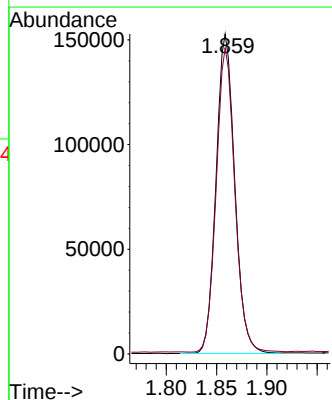
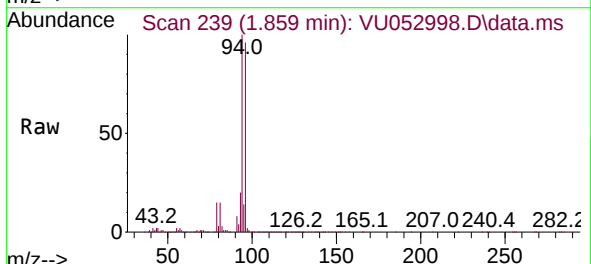
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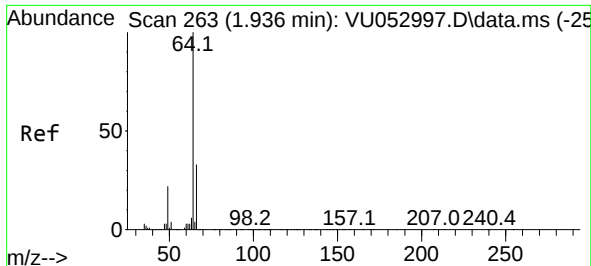
Tgt Ion: 62 Resp: 276929
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.4 41.6



#6
 Bromomethane
 Concen: 111.294 ug/L
 RT: 1.859 min Scan# 239
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

Tgt Ion: 94 Resp: 197388
 Ion Ratio Lower Upper
 94 100
 96 95.6 67.8 125.8

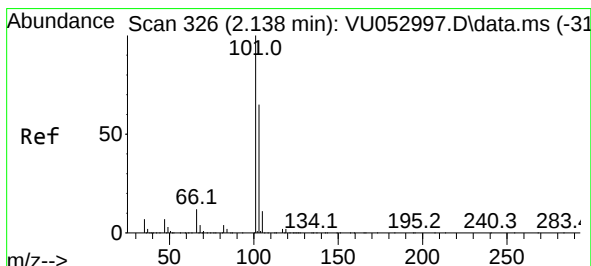
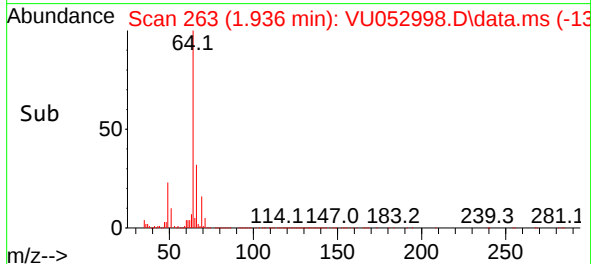
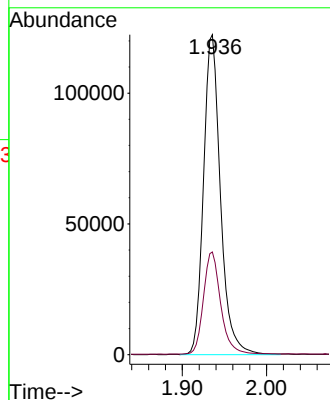
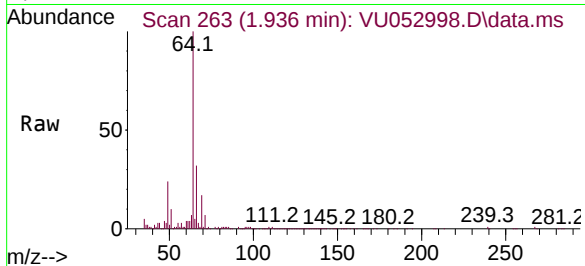




#8
Chloroethane
Concen: 99.129 ug/L
RT: 1.936 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

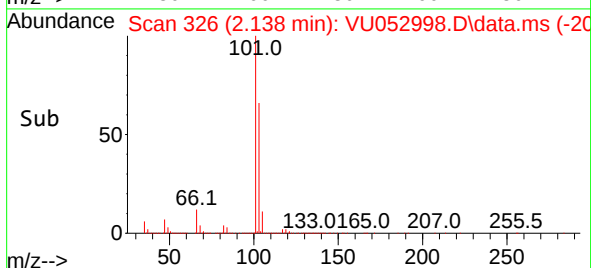
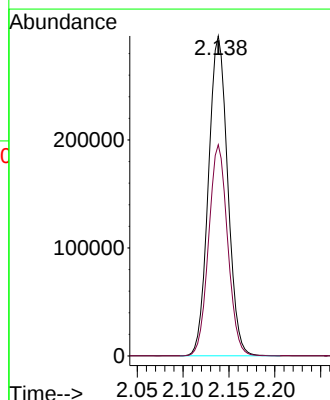
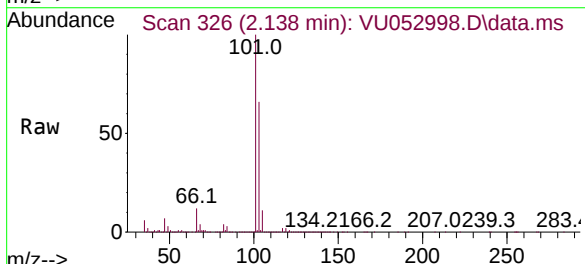
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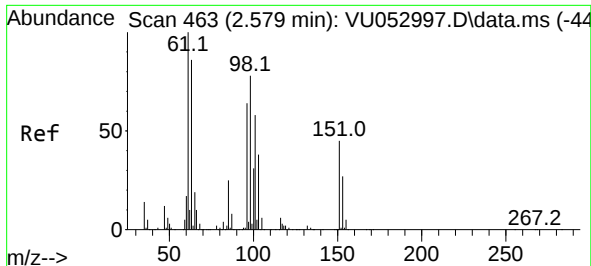
Tgt Ion: 64 Resp: 171452
Ion Ratio Lower Upper
64 100
66 32.1 24.1 44.7



#9
Trichlorofluoromethane
Concen: 94.814 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:101 Resp: 432422
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

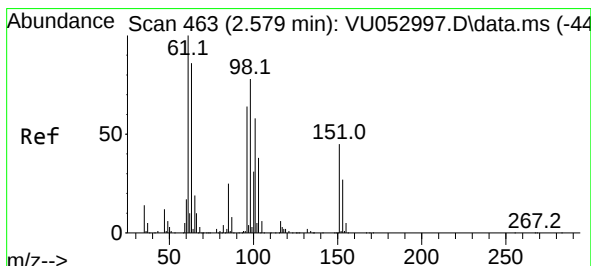
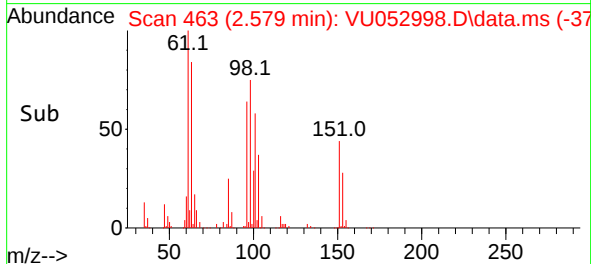
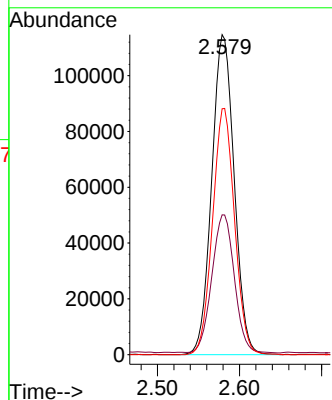
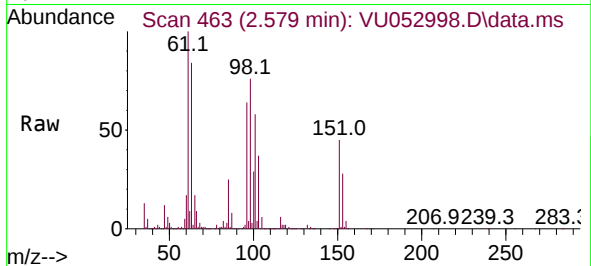




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 86.772 ug/L
RT: 2.579 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

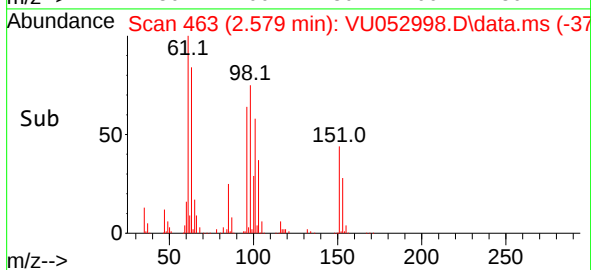
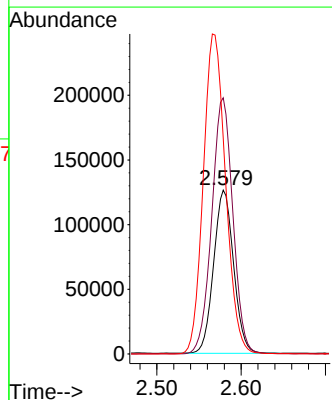
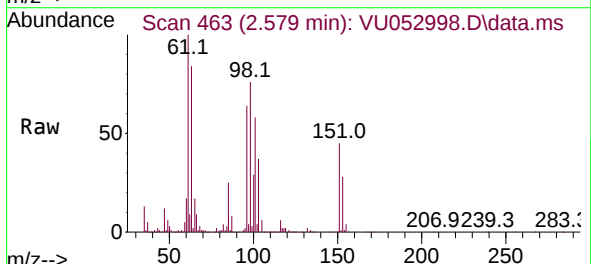
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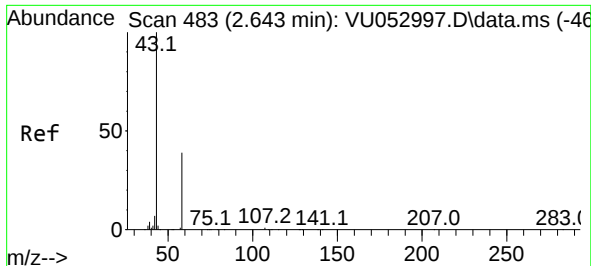
Tgt Ion:101 Resp: 218434
Ion Ratio Lower Upper
101 100
85 43.3 32.9 49.3
151 75.5 62.6 94.0



#12
1,1-Dichloroethene
Concen: 89.092 ug/L
RT: 2.579 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 96 Resp: 207059
Ion Ratio Lower Upper
96 100
61 156.2 114.3 212.3
63 131.5 80.6 149.6

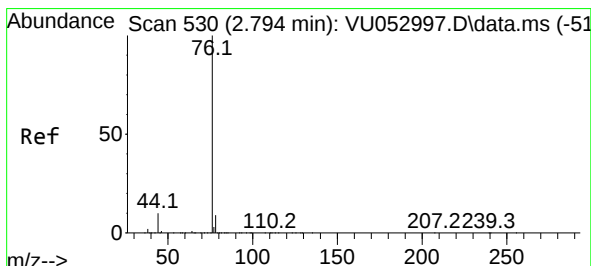
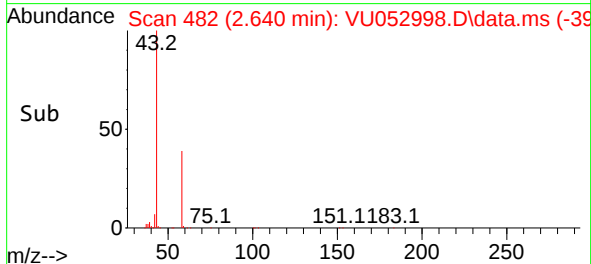
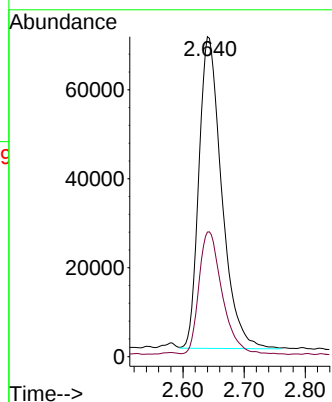
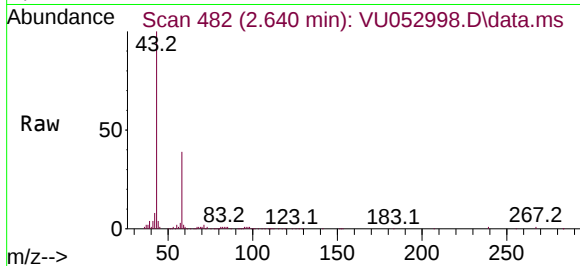




#13
Acetone
Concen: 113.132 ug/L
RT: 2.640 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

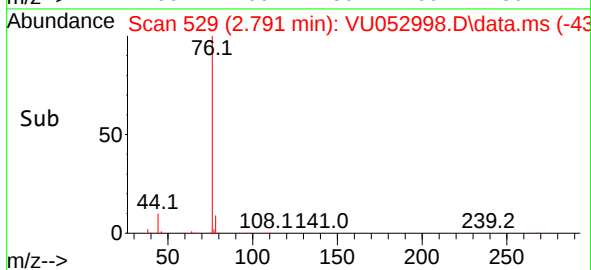
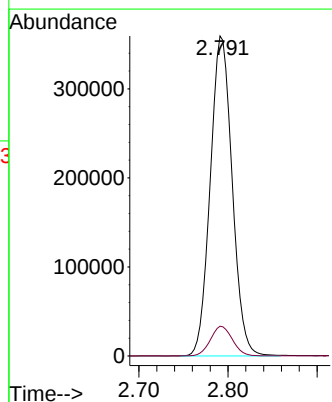
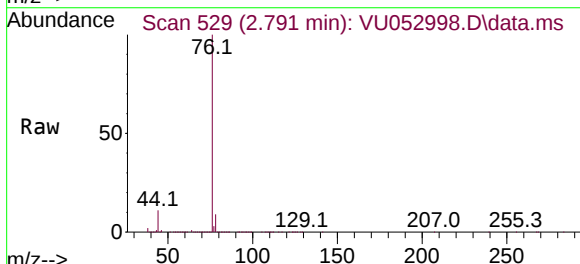
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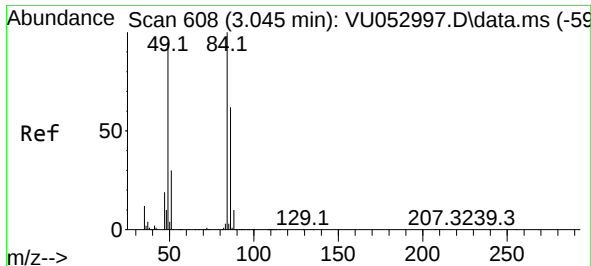
Tgt Ion: 43 Resp: 181845
Ion Ratio Lower Upper
43 100
58 39.0 0.0 70.2



#14
Carbon disulfide
Concen: 87.636 ug/L
RT: 2.791 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 76 Resp: 613961
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

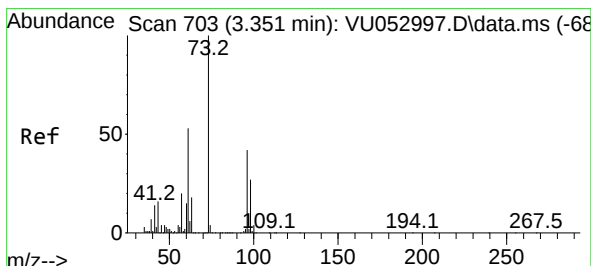
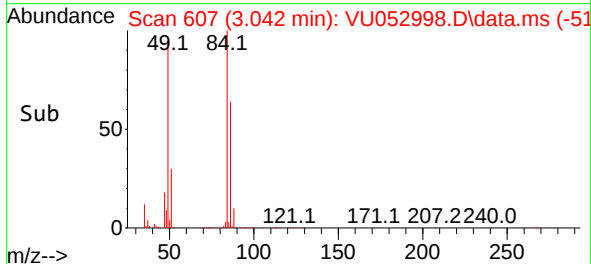
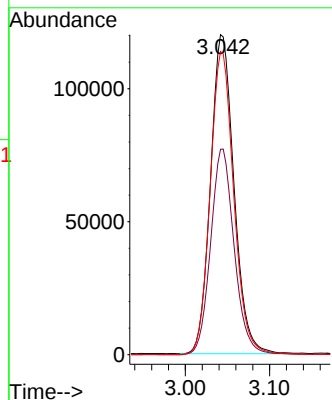
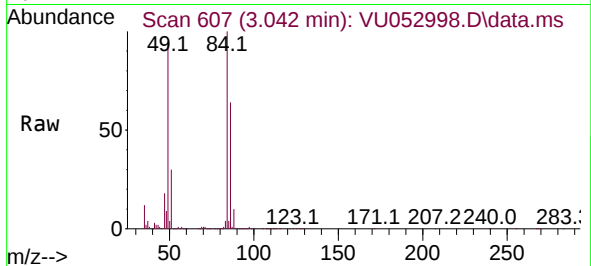




#16
Methylene chloride
Concen: 84.380 ug/L
RT: 3.042 min Scan# 608
Delta R.T. -0.003 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

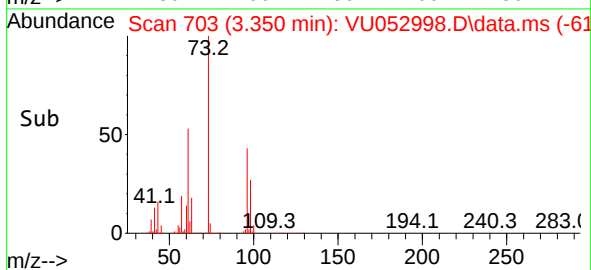
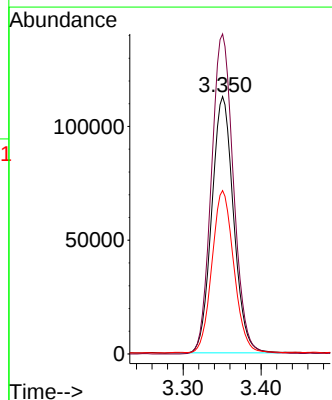
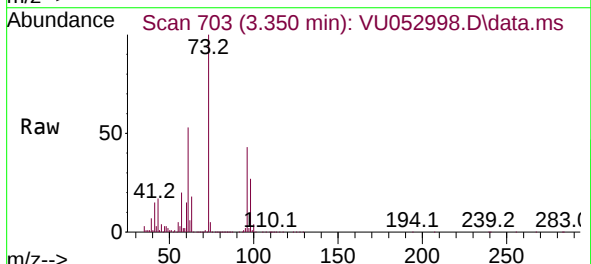
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

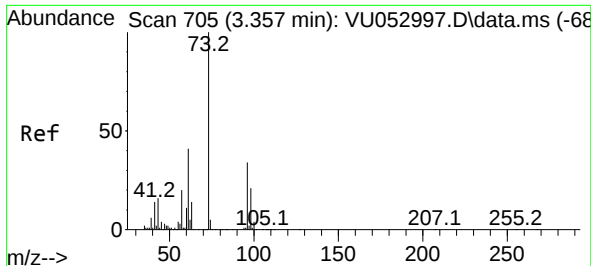
Tgt Ion: 84 Resp: 231934
Ion Ratio Lower Upper
84 100
86 64.2 43.4 80.6
49 94.8 72.4 134.5



#17
trans-1,2-Dichloroethene
Concen: 87.942 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 96 Resp: 219705
Ion Ratio Lower Upper
96 100
61 124.3 92.7 172.3
98 63.5 44.7 82.9

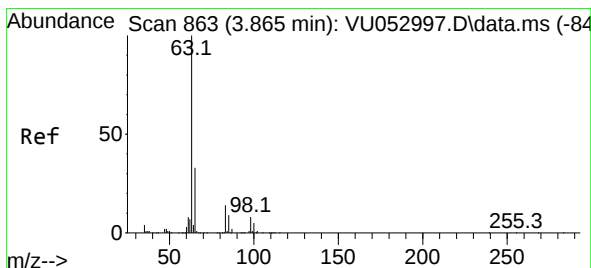
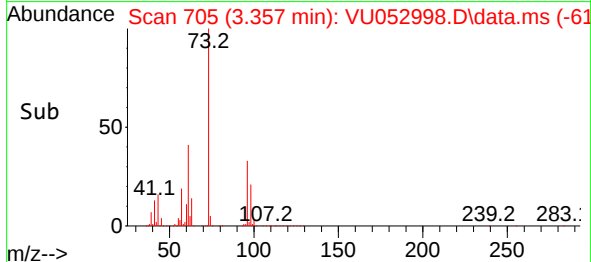
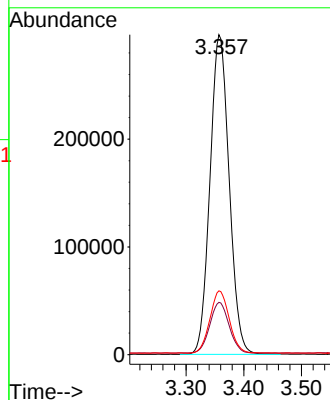
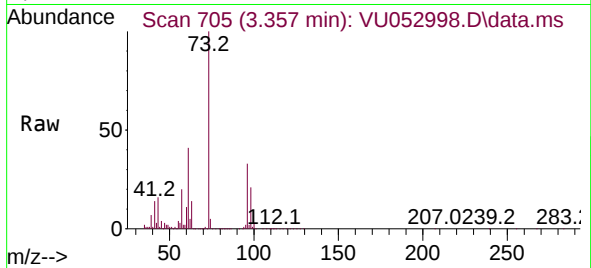




#18
Methyl tert-butyl Ether
Concen: 92.514 ug/L
RT: 3.357 min Scan# 705
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

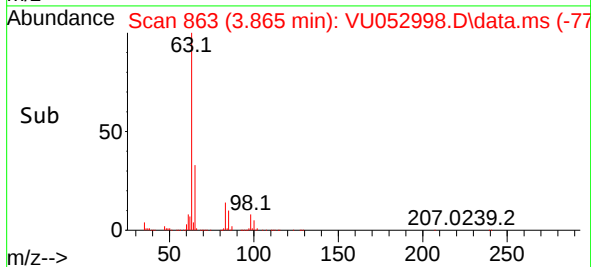
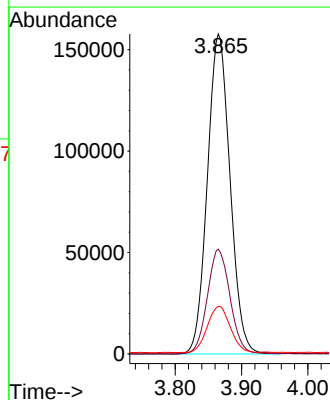
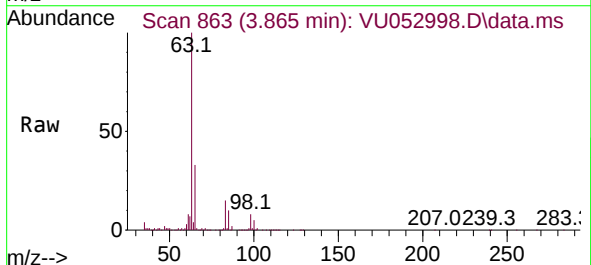
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

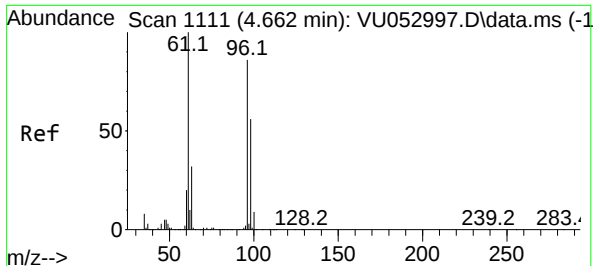
Tgt Ion: 73 Resp: 683992
Ion Ratio Lower Upper
73 100
43 15.9 14.2 21.2
57 19.7 16.3 24.5



#19
1,1-Dichloroethane
Concen: 86.019 ug/L
RT: 3.865 min Scan# 863
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 63 Resp: 375166
Ion Ratio Lower Upper
63 100
65 32.7 22.4 41.6
83 14.9 9.2 17.2

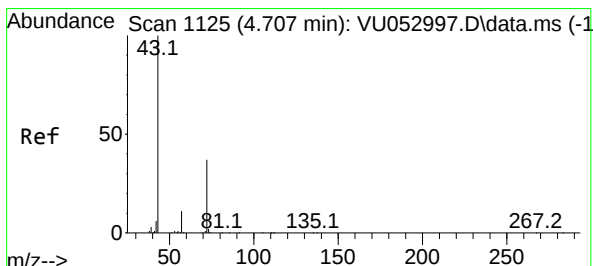
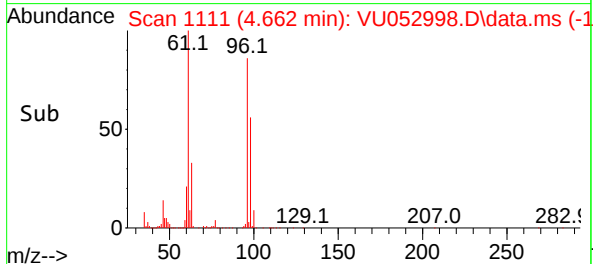
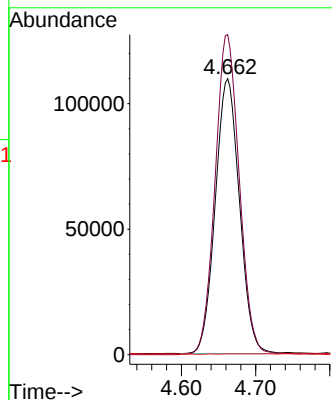
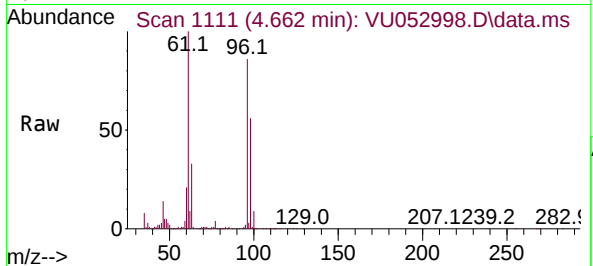




#20
cis-1,2-Dichloroethene
Concen: 92.177 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

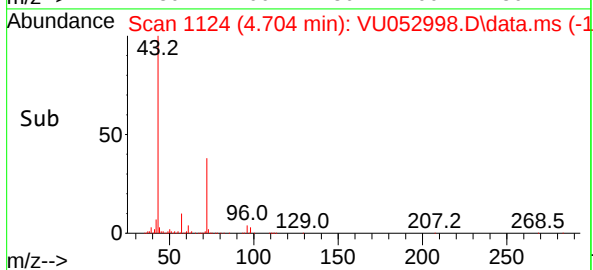
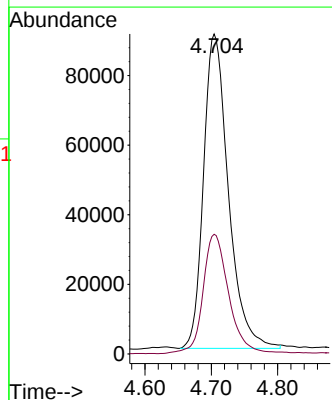
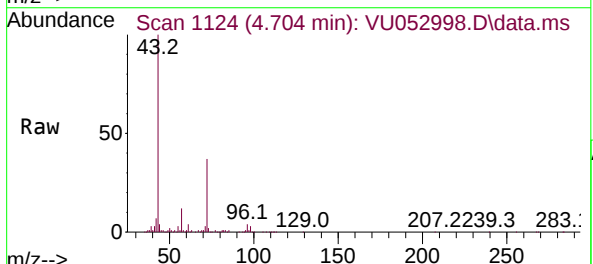
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

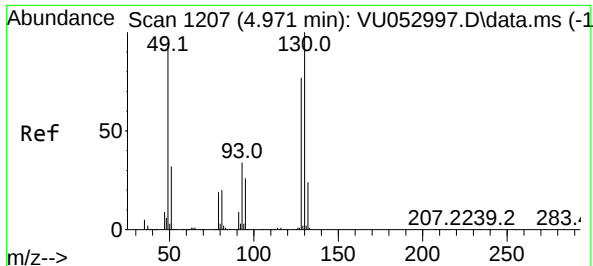
Tgt Ion: 96 Resp: 248254
Ion Ratio Lower Upper
96 100
61 115.9 84.1 156.1
68 0.3 0.0 0.0#



#22
2-Butanone
Concen: 136.672 ug/L
RT: 4.704 min Scan# 1124
Delta R.T. -0.003 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 43 Resp: 235358
Ion Ratio Lower Upper
43 100
72 39.0 15.5 46.5





#23

Bromochloromethane

Concen: 89.786 ug/L

RT: 4.971 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VU052998.D

Acq: 08 Feb 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD100076

Tgt Ion:128 Resp: 134505

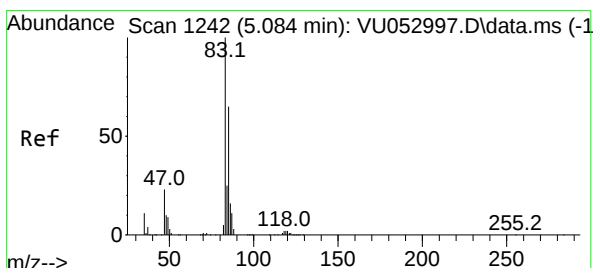
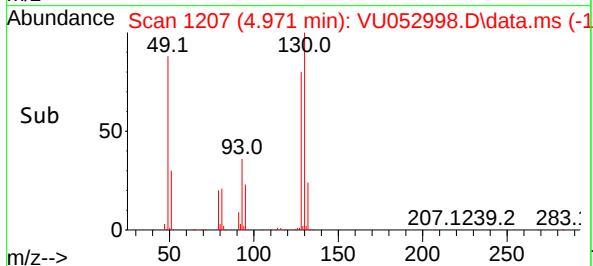
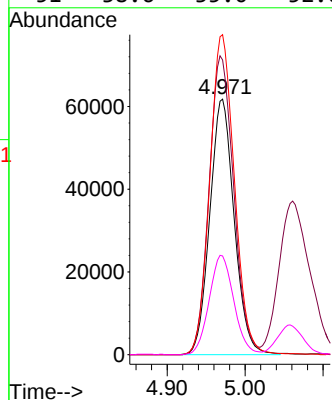
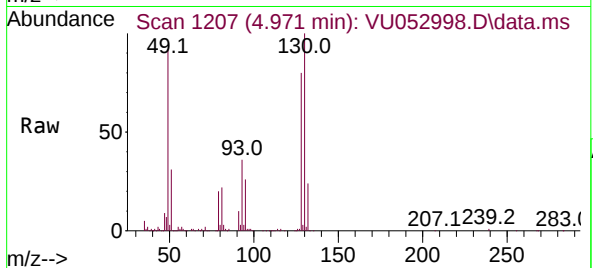
Ion Ratio Lower Upper

128 100

49 115.3 90.1 167.3

130 125.2 90.1 167.3

51 38.6 35.0 52.6



#25

Chloroform

Concen: 86.458 ug/L

RT: 5.083 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VU052998.D

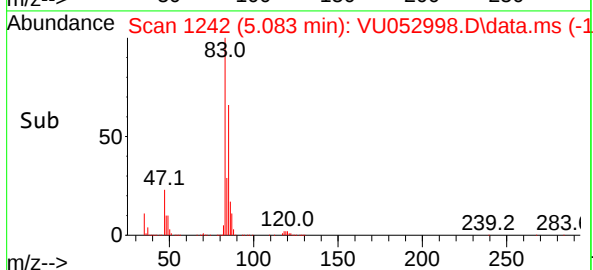
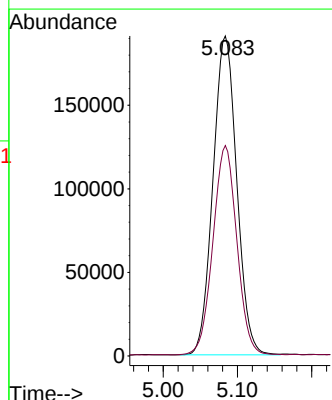
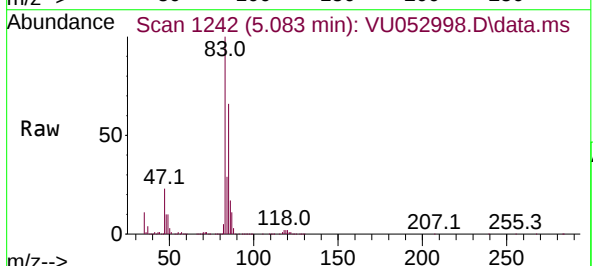
Acq: 08 Feb 2023 13:12

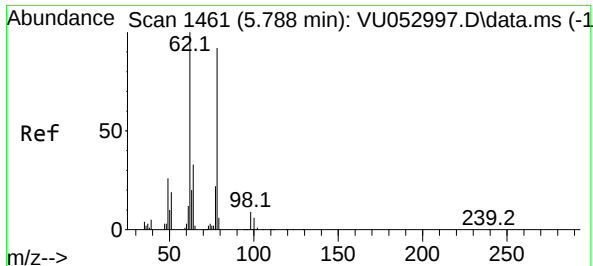
Tgt Ion: 83 Resp: 423962

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.0





#27

1,2-Dichloroethane

Concen: 79.052 ug/L

RT: 5.788 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VU052998.D

Acq: 08 Feb 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

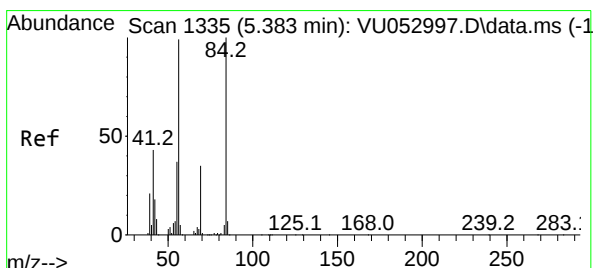
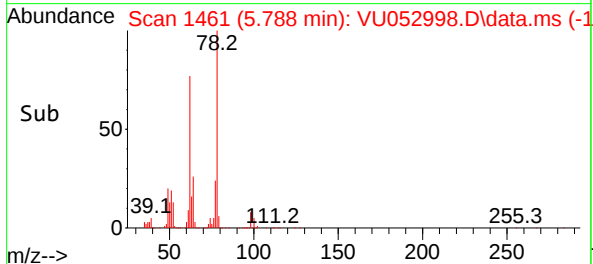
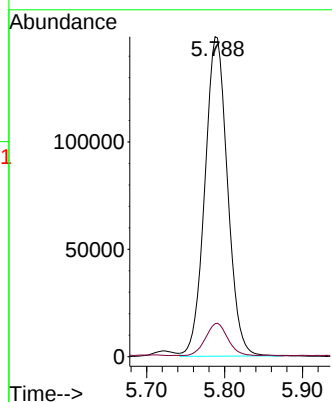
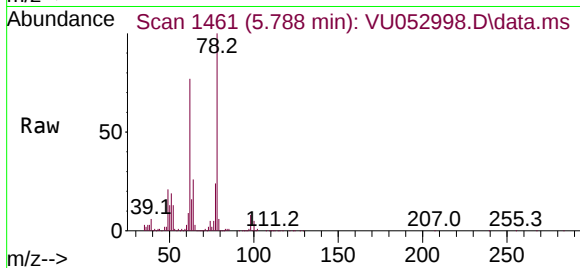
VSTD100076

Tgt Ion: 62 Resp: 300789

Ion Ratio Lower Upper

62 100

98 10.3 7.6 11.4



#29

Cyclohexane

Concen: 95.420 ug/L

RT: 5.386 min Scan# 1336

Delta R.T. 0.003 min

Lab File: VU052998.D

Acq: 08 Feb 2023 13:12

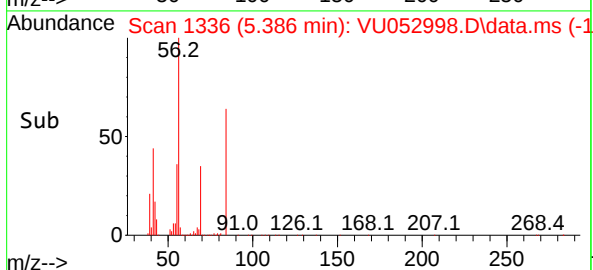
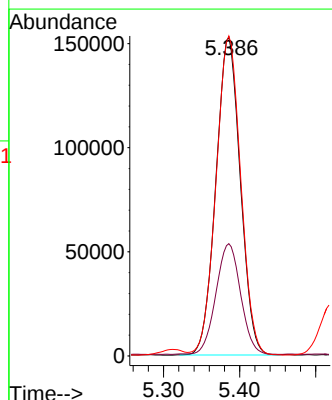
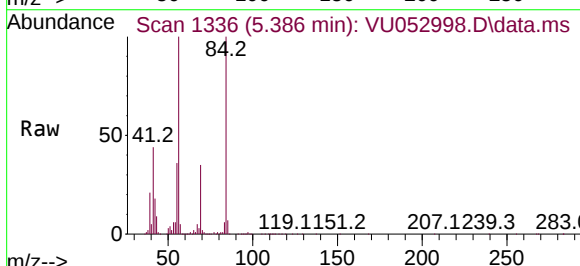
Tgt Ion: 56 Resp: 340151

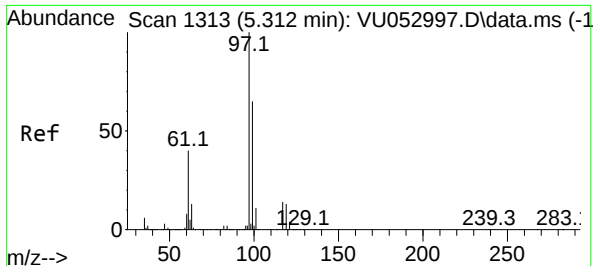
Ion Ratio Lower Upper

56 100

69 35.2 26.6 40.0

84 101.6 77.0 115.4





#30

1,1,1-Trichloroethane

Concen: 87.506 ug/L

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU052998.D

Acq: 08 Feb 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD100076

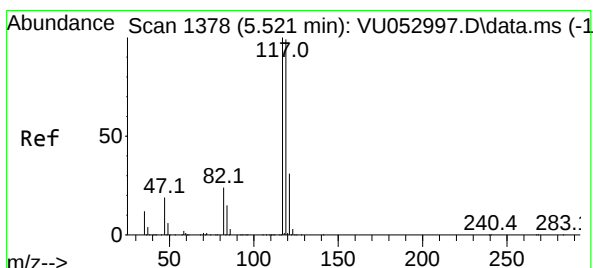
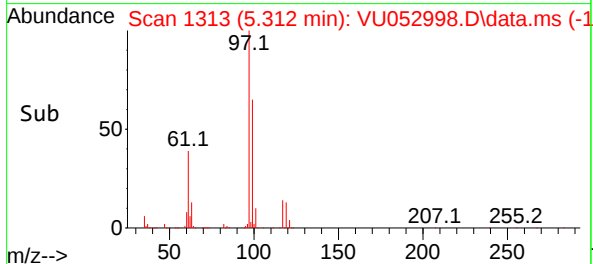
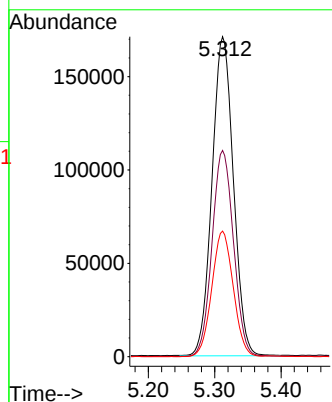
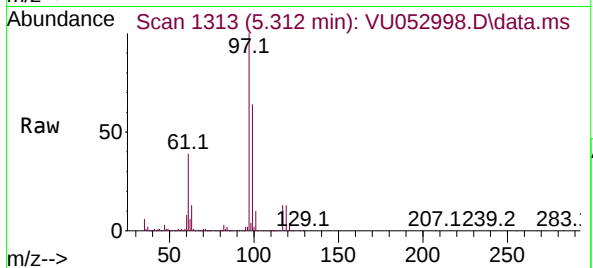
Tgt Ion: 97 Resp: 383223

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 39.3 33.0 49.6



#31

Carbon tetrachloride

Concen: 89.577 ug/L

RT: 5.521 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052998.D

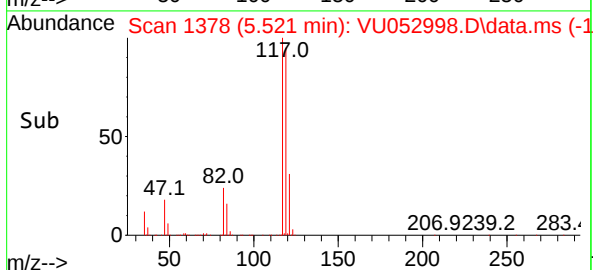
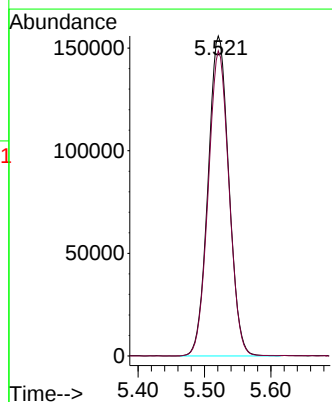
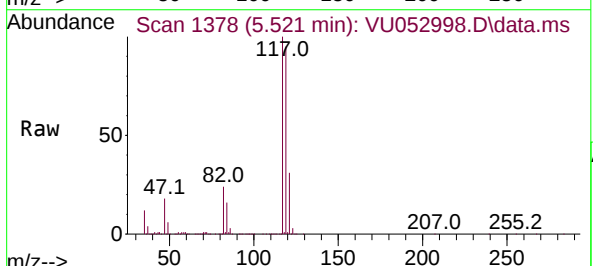
Acq: 08 Feb 2023 13:12

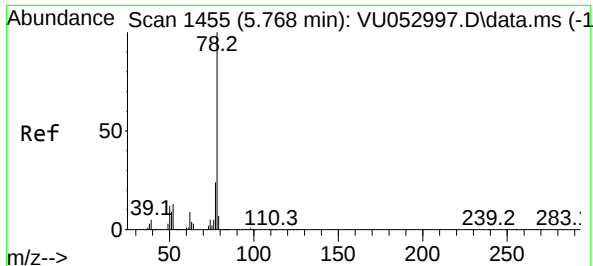
Tgt Ion: 117 Resp: 340283

Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4

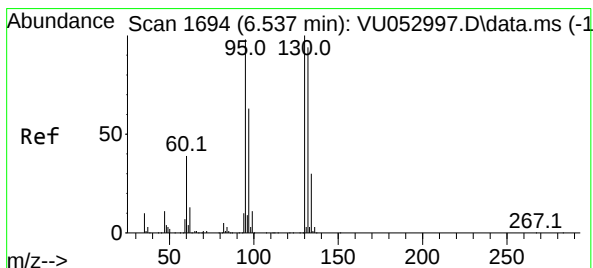
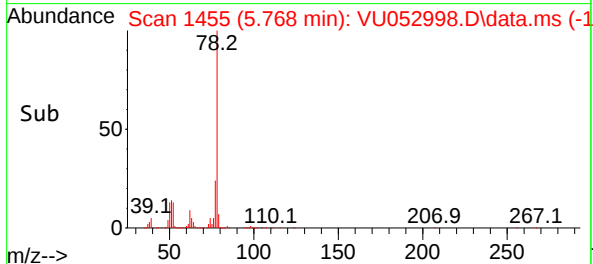
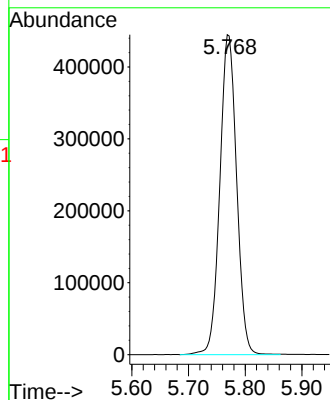
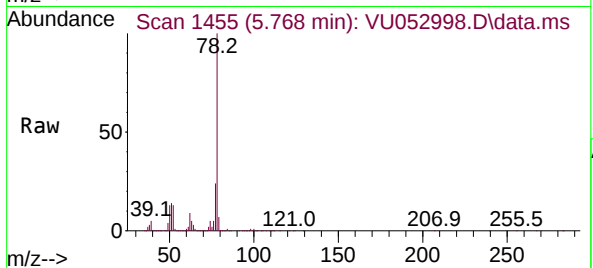




#33
Benzene
Concen: 89.835 ug/L
RT: 5.768 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

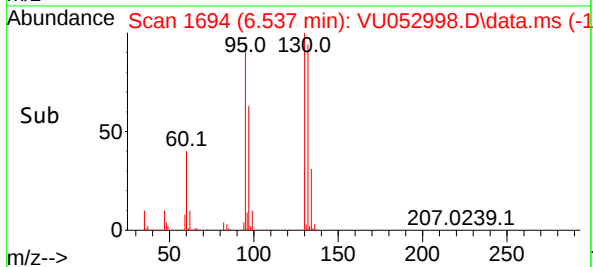
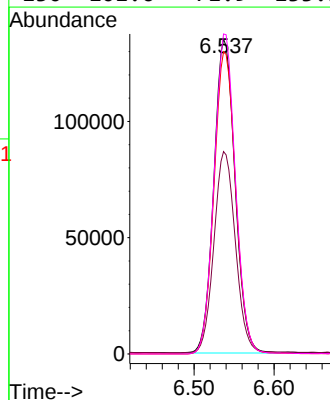
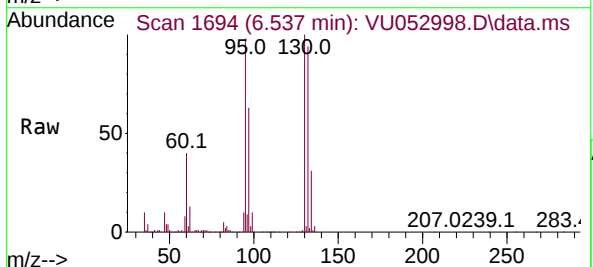
Tgt Ion: 78 Resp: 913345

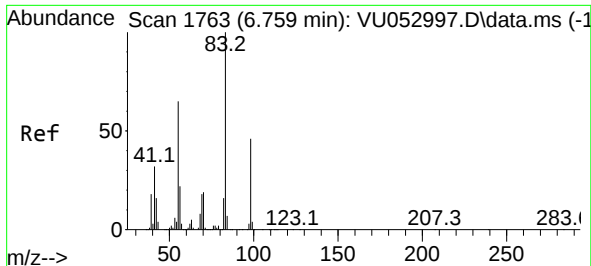


#34
Trichloroethene
Concen: 94.840 ug/L
RT: 6.537 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 95 Resp: 248731

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.5	82.7
132	96.0	66.8	124.0
130	101.6	71.9	133.5

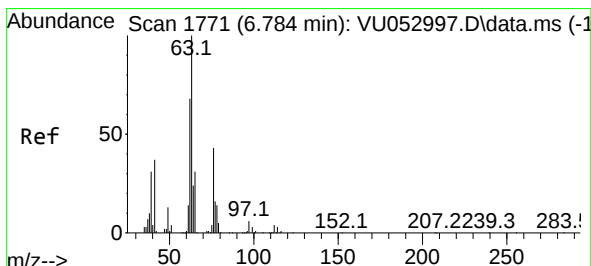
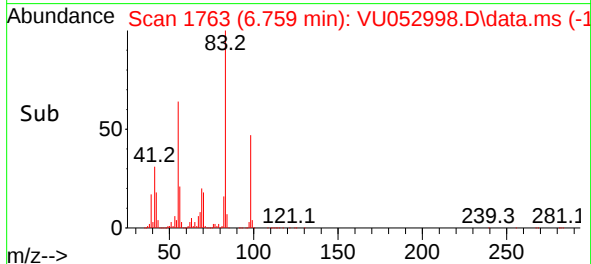
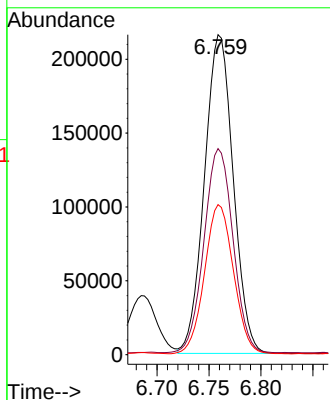
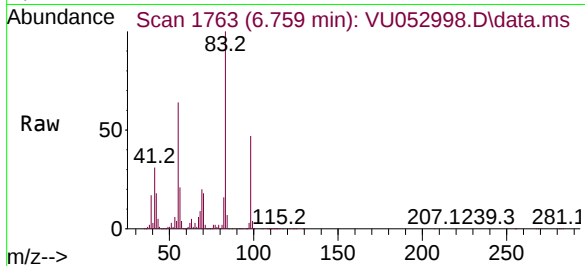




#35
Methylcyclohexane
Concen: 99.688 ug/L
RT: 6.759 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

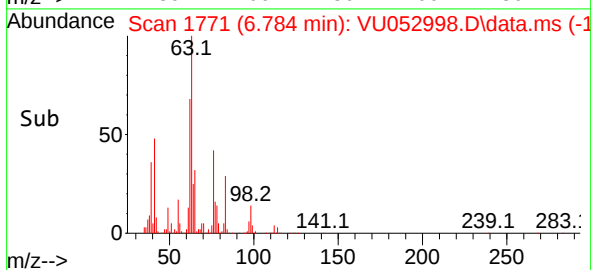
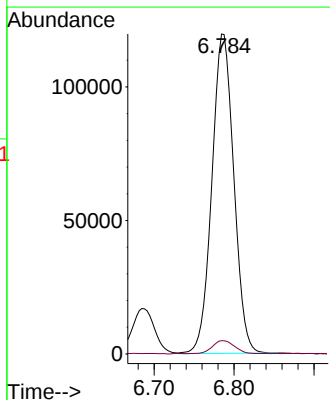
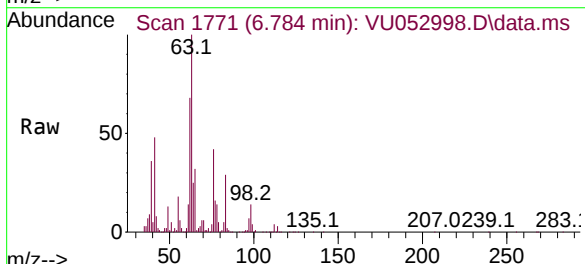
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

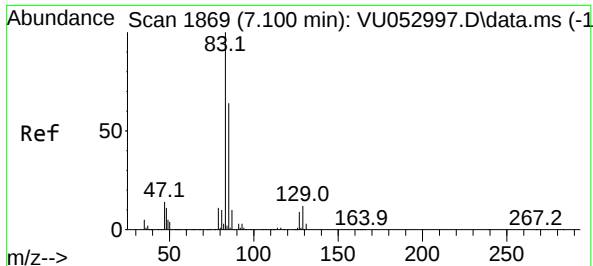
Tgt Ion: 83 Resp: 416105
Ion Ratio Lower Upper
83 100
55 64.6 57.1 85.7
98 47.1 38.9 58.3



#37
1,2-Dichloropropane
Concen: 90.686 ug/L
RT: 6.784 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 63 Resp: 227509
Ion Ratio Lower Upper
63 100
112 4.1 3.8 5.8

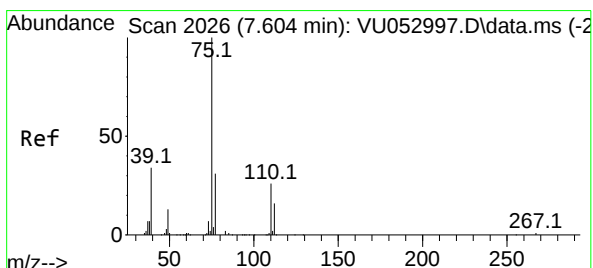
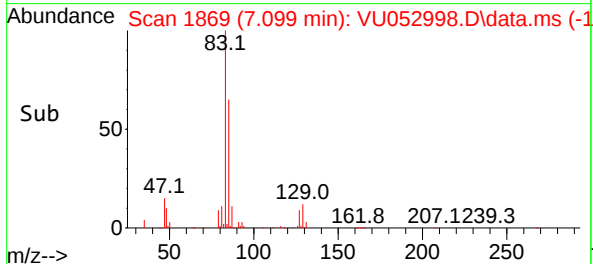
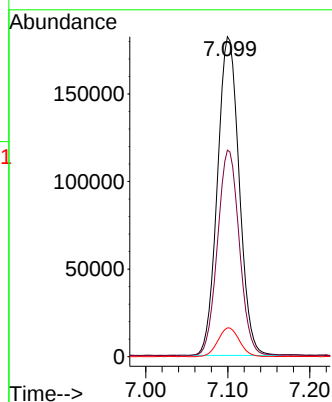
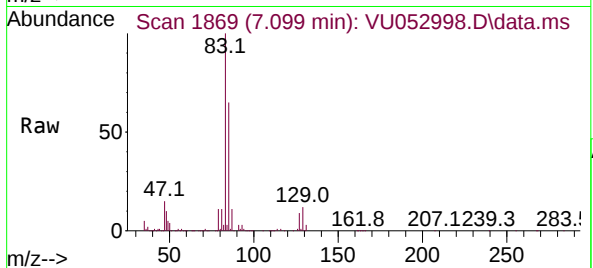




#38
Bromodichloromethane
Concen: 90.761 ug/L
RT: 7.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

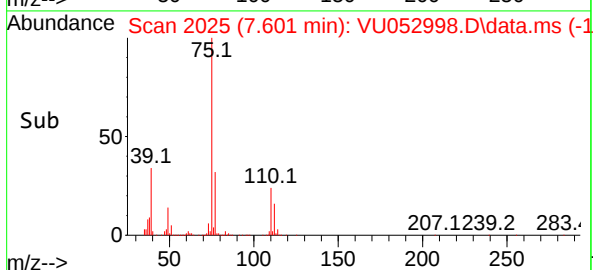
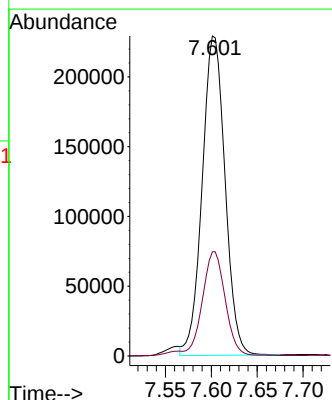
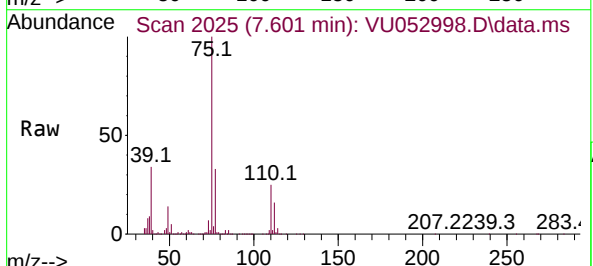
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

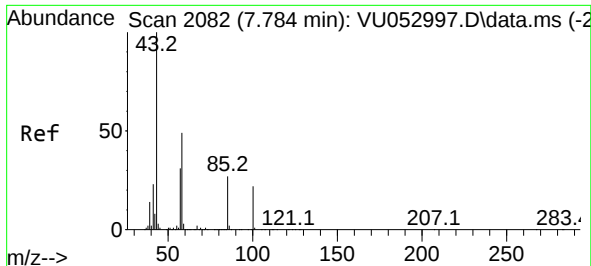
Tgt Ion: 83 Resp: 335680
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
127 9.0 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 99.335 ug/L
RT: 7.601 min Scan# 2025
Delta R.T. -0.003 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 75 Resp: 397125
Ion Ratio Lower Upper
75 100
77 32.6 21.6 40.0

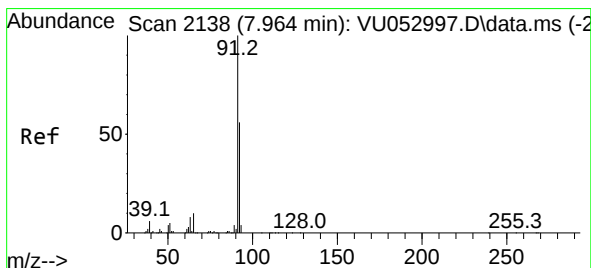
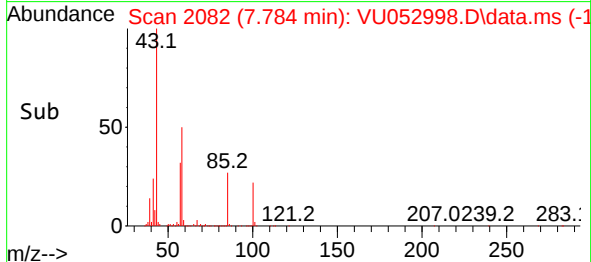
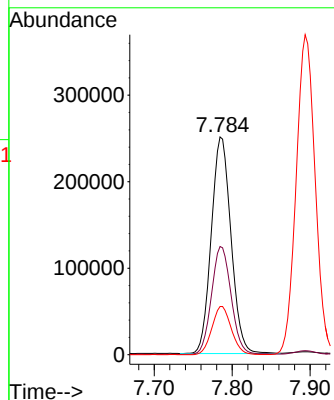
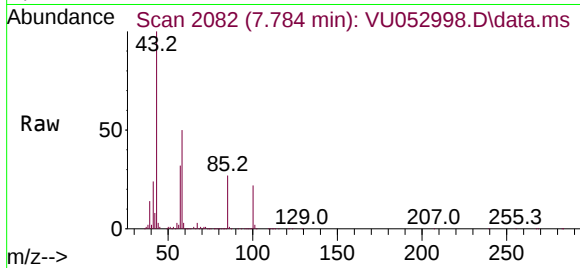




#40
4-Methyl-2-pentanone
Concen: 155.119 ug/L
RT: 7.784 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

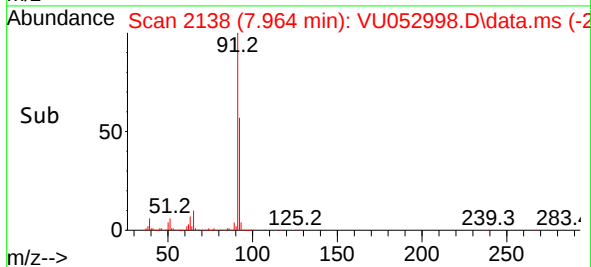
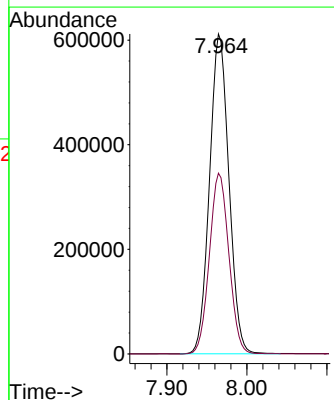
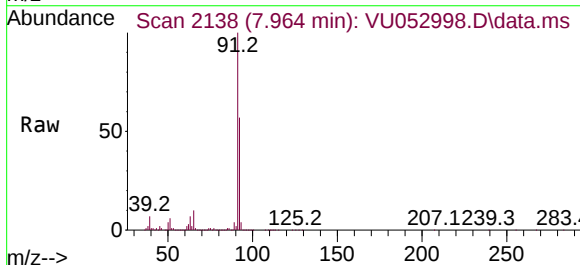
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

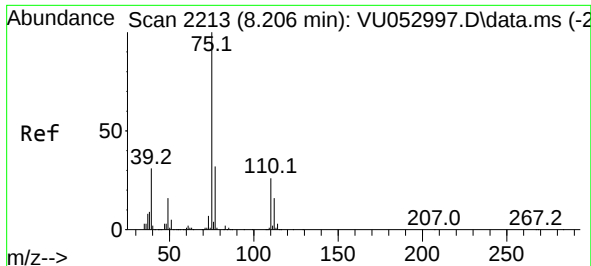
Tgt Ion: 43 Resp: 439240
Ion Ratio Lower Upper
43 100
58 49.5 35.4 53.2
100 22.0 16.0 24.0



#42
Toluene
Concen: 97.473 ug/L
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 91 Resp: 1029228
Ion Ratio Lower Upper
91 100
92 56.5 42.6 79.0

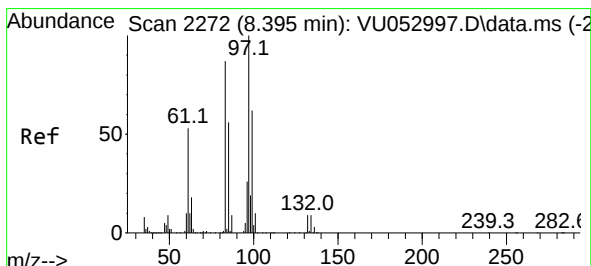
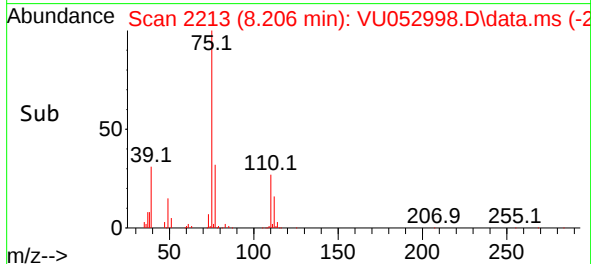
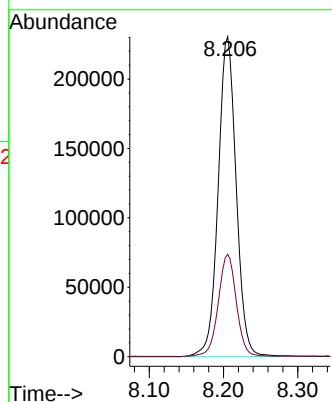
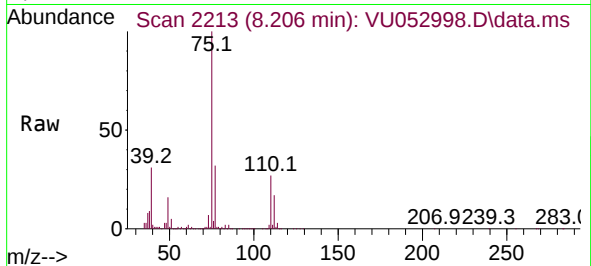




#44
trans-1,3-Dichloropropene
Concen: 99.491 ug/L
RT: 8.206 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

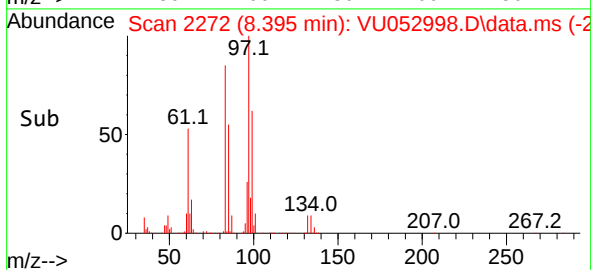
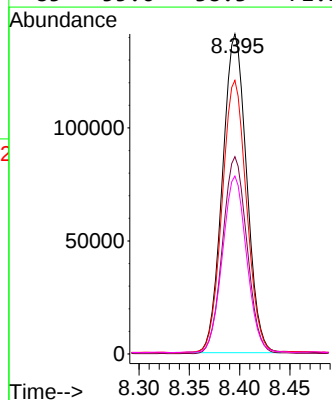
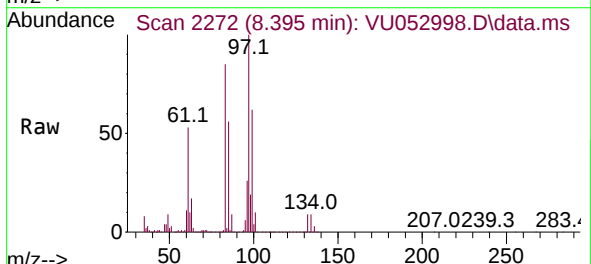
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

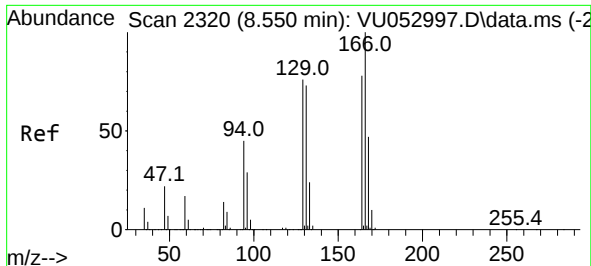
Tgt Ion: 75 Resp: 389655
Ion Ratio Lower Upper
75 100
77 32.0 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 91.880 ug/L
RT: 8.395 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 97 Resp: 236264
Ion Ratio Lower Upper
97 100
99 61.6 44.7 83.1
83 85.5 60.3 112.1
85 55.6 38.3 71.1

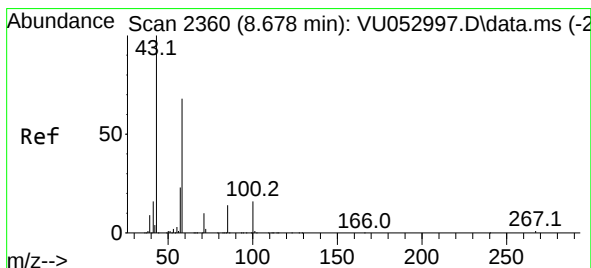
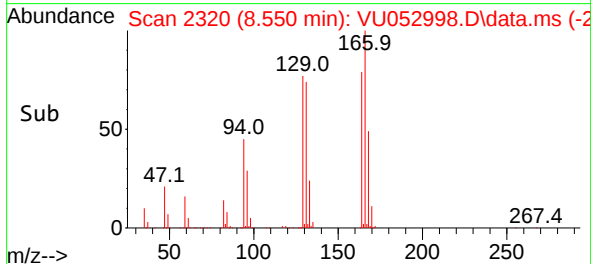
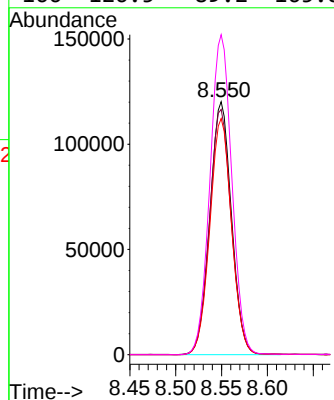
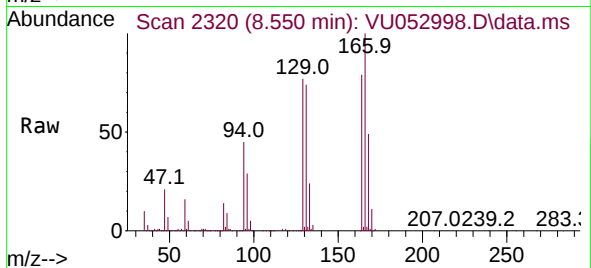




#46
Tetrachloroethene
Concen: 88.889 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

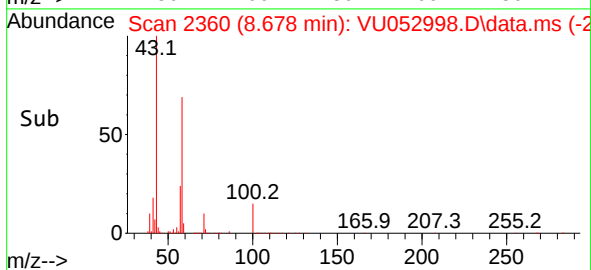
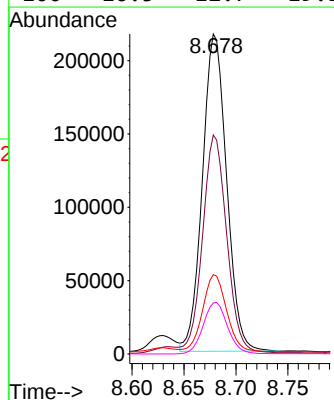
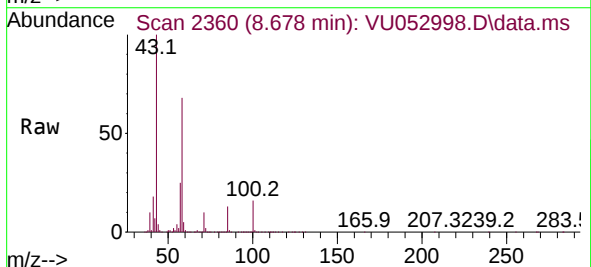
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

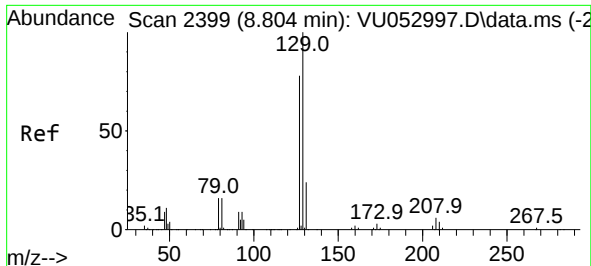
Tgt Ion:164	Resp:	197516
Ion	Ratio	Lower Upper
164	100	
129	97.0	64.8 120.3
131	93.3	61.2 113.6
166	126.5	89.2 165.8



#48
2-Hexanone
Concen: 147.735 ug/L
RT: 8.678 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 43	Resp:	350588
Ion	Ratio	Lower Upper
43	100	
58	68.3	48.0 72.0
57	24.1	16.8 25.2
100	16.5	12.7 19.1

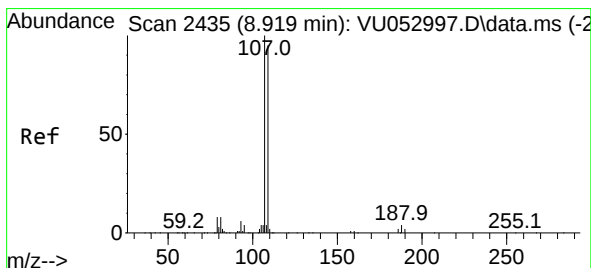
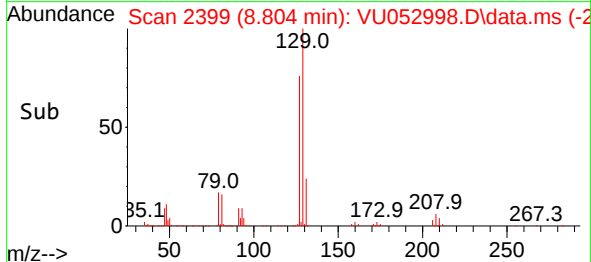
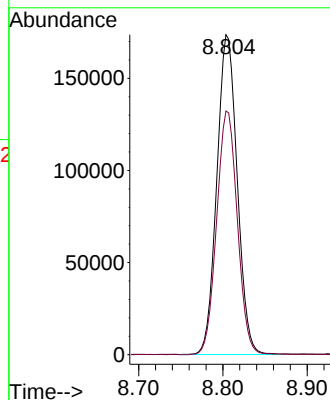
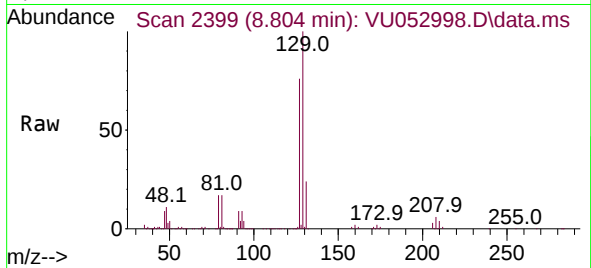




#49
Dibromochloromethane
Concen: 94.261 ug/L
RT: 8.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

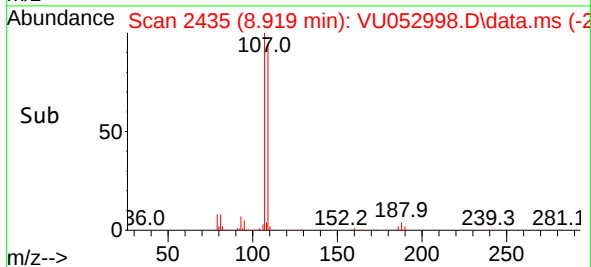
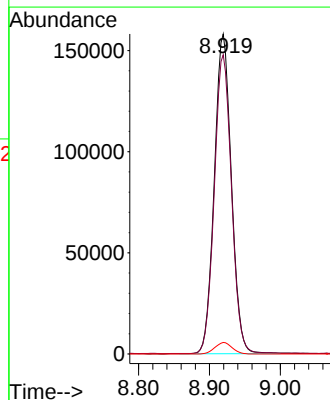
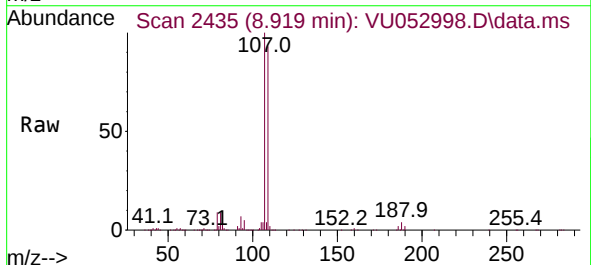
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

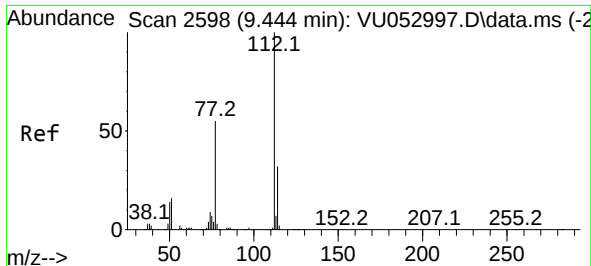
Tgt Ion:129 Resp: 291506
Ion Ratio Lower Upper
129 100
127 76.2 53.2 98.8



#50
1,2-Dibromoethane
Concen: 95.008 ug/L
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:107 Resp: 264464
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 3.6 3.2 4.8

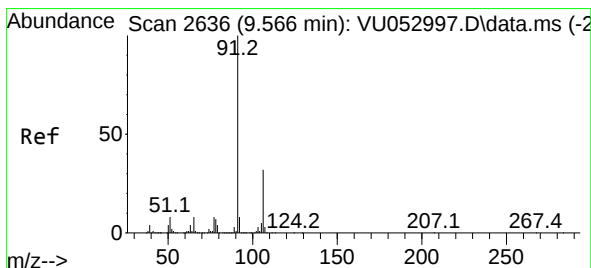
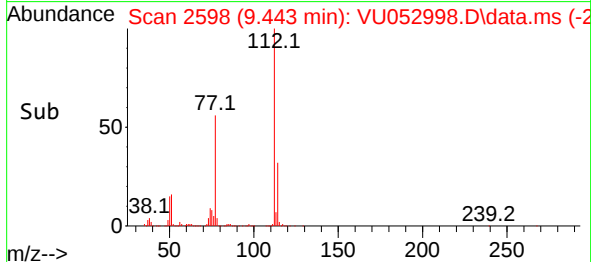
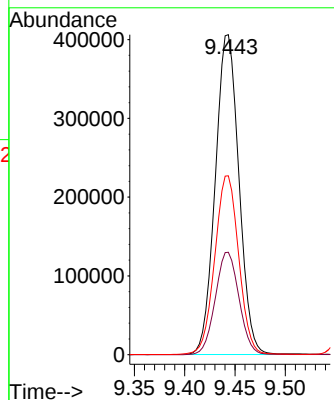
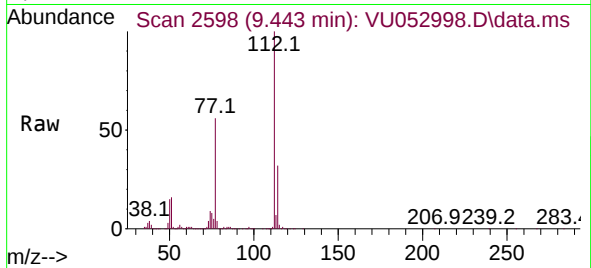




#51
Chlorobenzene
Concen: 91.833 ug/L
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

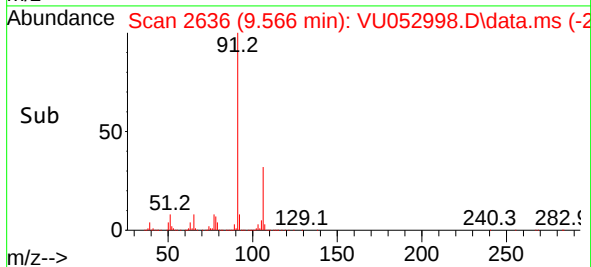
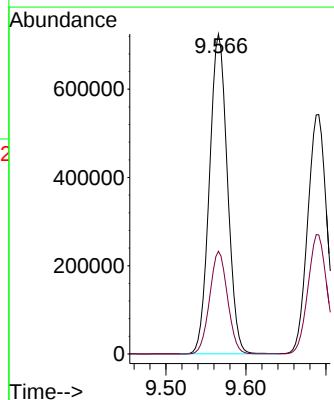
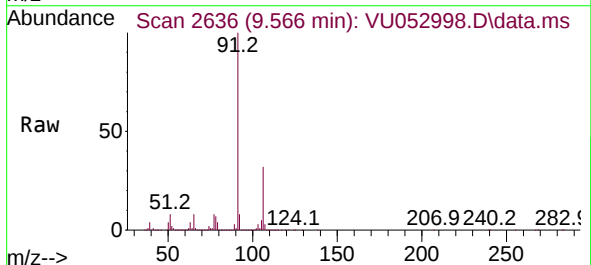
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

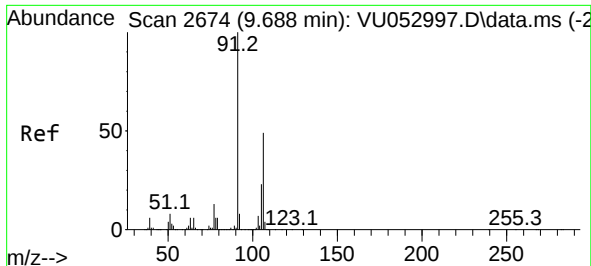
Tgt Ion:112 Resp: 664658
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 55.9 45.9 68.9



#52
Ethylbenzene
Concen: 99.881 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 91 Resp: 1133739
Ion Ratio Lower Upper
91 100
106 32.1 22.0 40.8

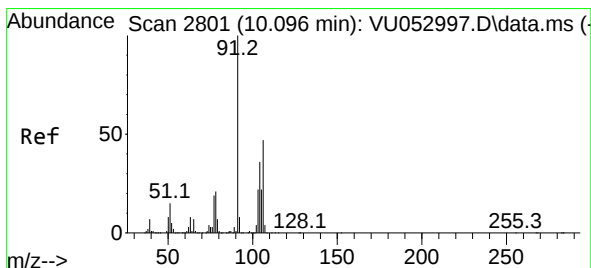
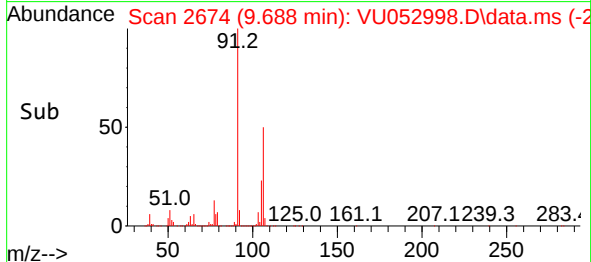
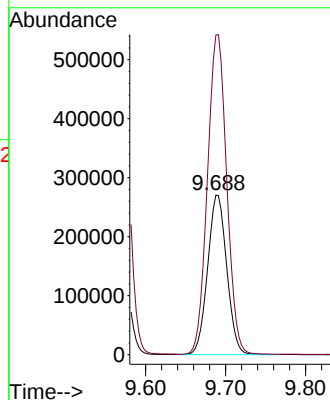
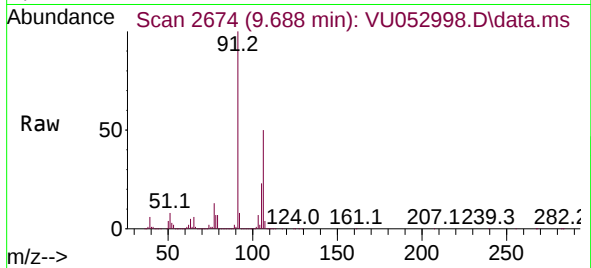




#53
m,p-Xylene
Concen: 98.339 ug/L
RT: 9.688 min Scan# 2674
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

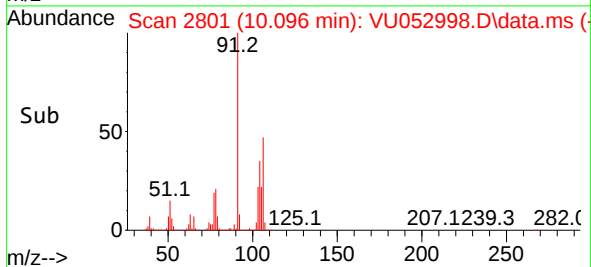
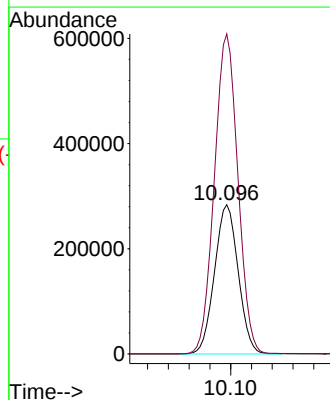
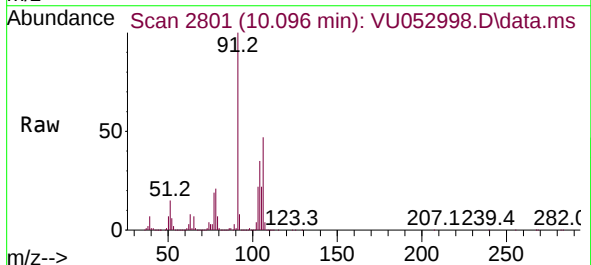
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

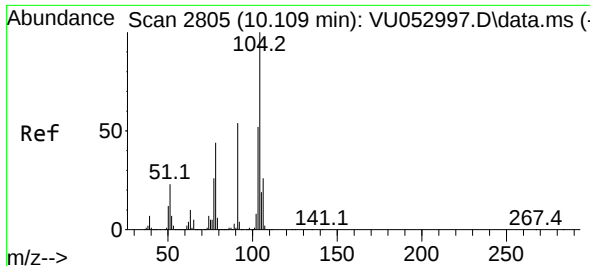
Tgt Ion:106 Resp: 449377
Ion Ratio Lower Upper
106 100
91 200.3 137.4 255.2



#54
o-xylene
Concen: 102.799 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:106 Resp: 448851
Ion Ratio Lower Upper
106 100
91 214.4 143.4 266.2

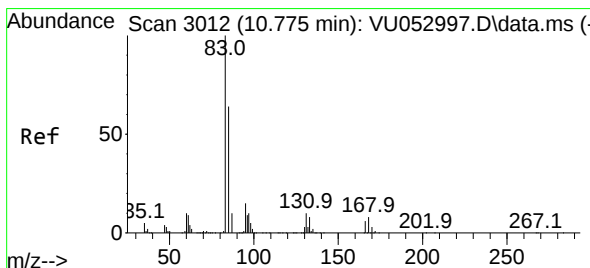
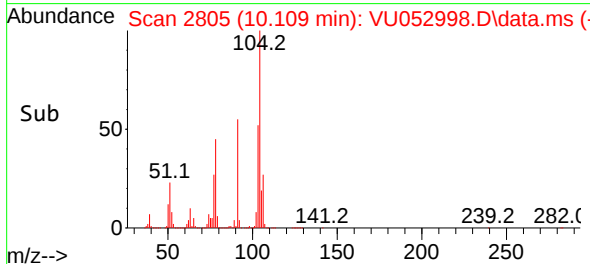
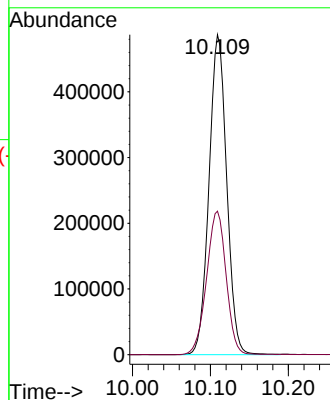
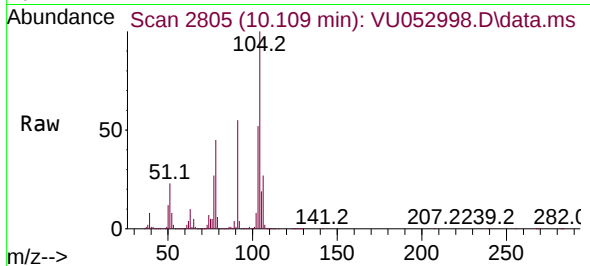




#55
Styrene
Concen: 102.867 ug/L
RT: 10.109 min Scan# 2805
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

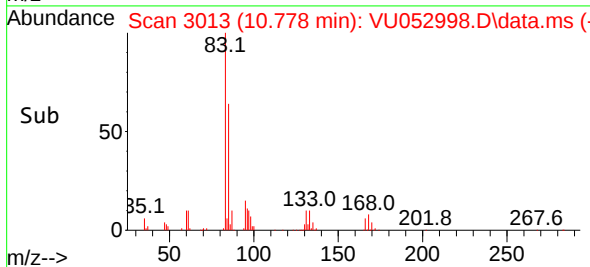
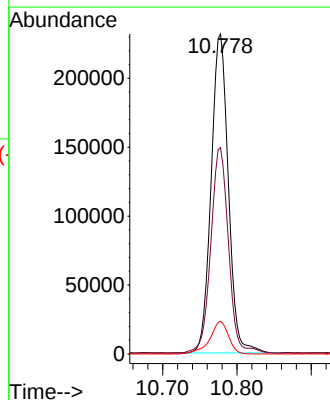
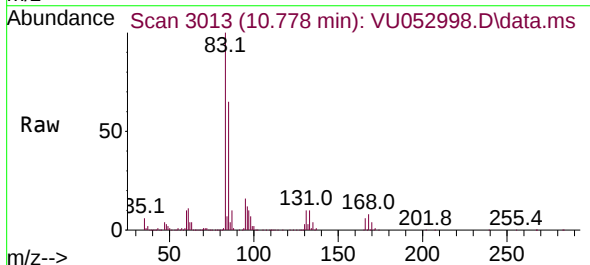
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

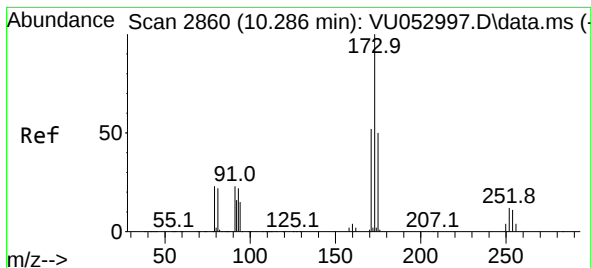
Tgt Ion:104 Resp: 769080
Ion Ratio Lower Upper
104 100
78 44.9 31.9 59.2



#57
1,1,2,2-Tetrachloroethane
Concen: 90.046 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion: 83 Resp: 371969
Ion Ratio Lower Upper
83 100
85 64.5 45.0 83.6
131 10.2 8.6 12.8





#59

Bromoform

Concen: 94.871 ug/L

RT: 10.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052998.D

Acq: 08 Feb 2023 13:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD100076

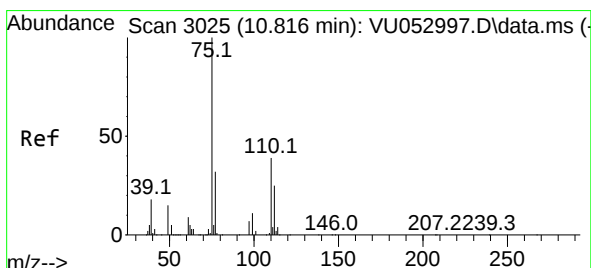
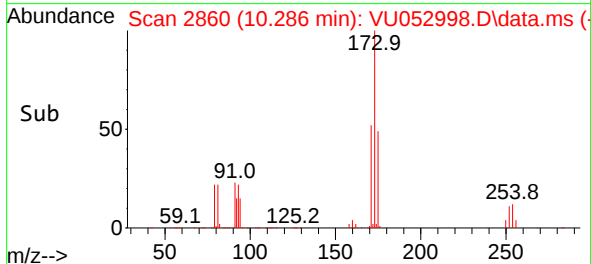
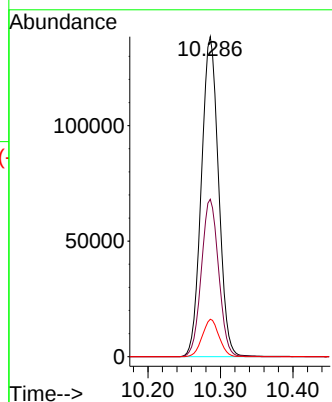
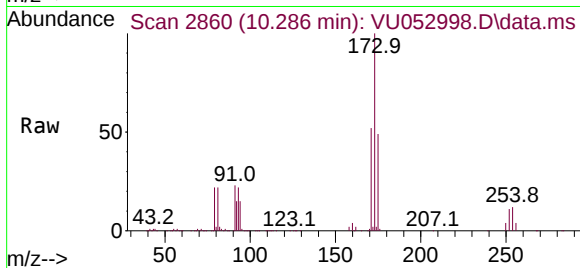
Tgt Ion:173 Resp: 227717

Ion Ratio Lower Upper

173 100

175 49.4 37.7 56.5

254 11.4 8.3 12.5



#60

1,2,3-Trichloropropane

Concen: 82.973 ug/L

RT: 10.816 min Scan# 3025

Delta R.T. -0.000 min

Lab File: VU052998.D

Acq: 08 Feb 2023 13:12

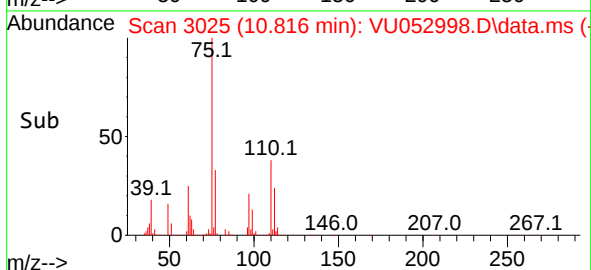
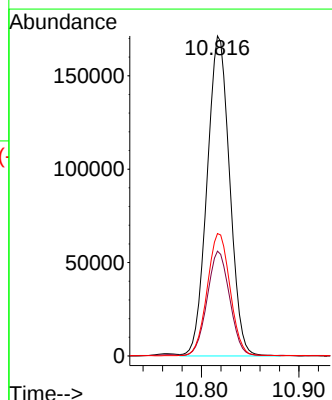
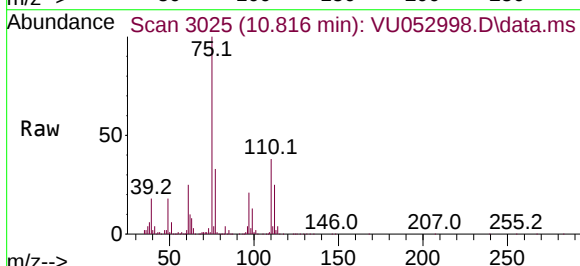
Tgt Ion: 75 Resp: 275952

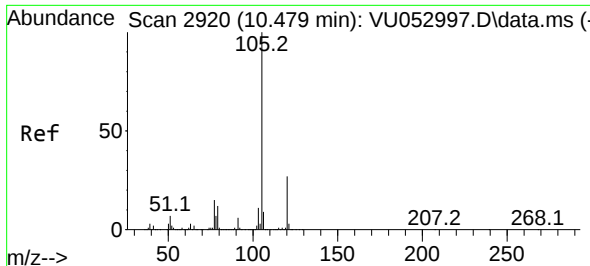
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

110 38.7 32.4 48.6

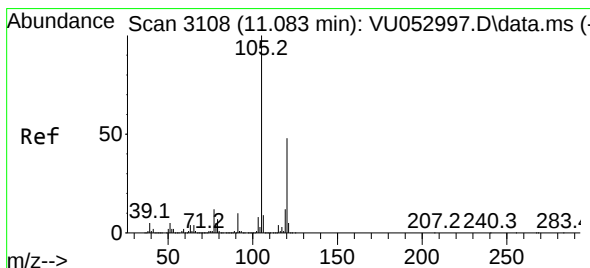
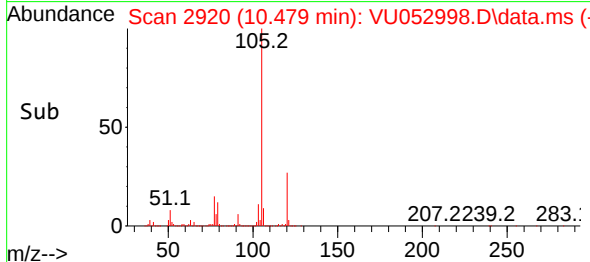
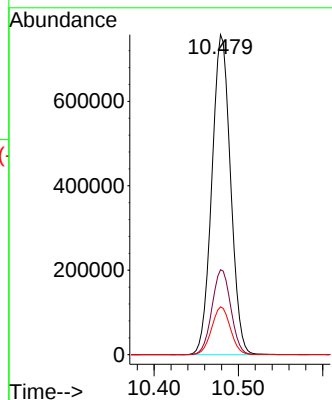
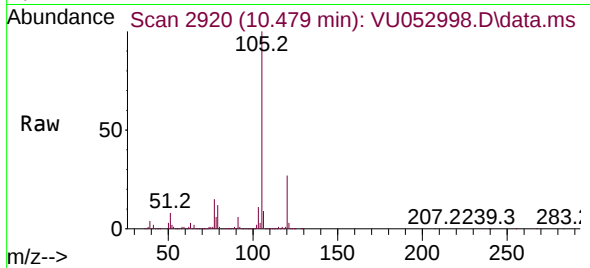




#61
Isopropylbenzene
Concen: 102.006 ug/L
RT: 10.479 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

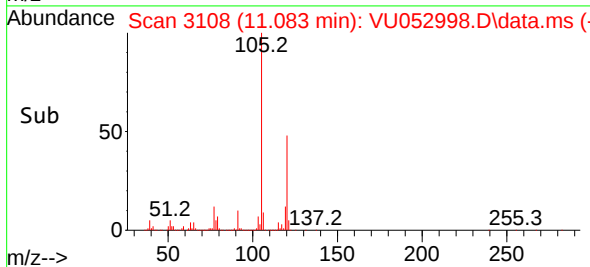
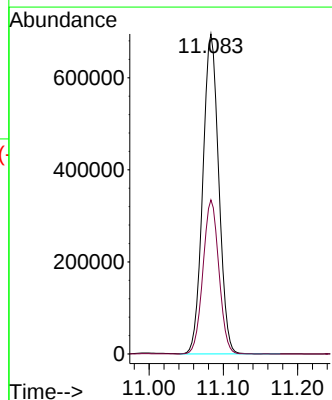
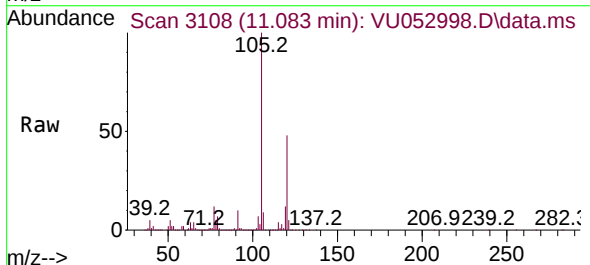
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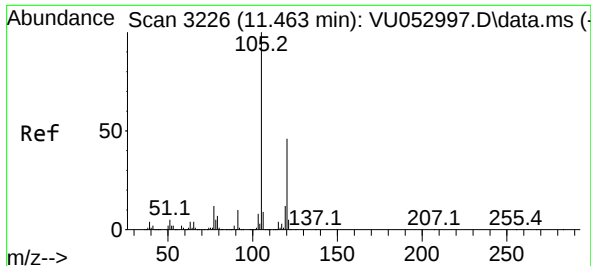
Tgt Ion:105 Resp: 1166348
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.9 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 107.806 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:105 Resp: 1034776
Ion Ratio Lower Upper
105 100
120 48.0 40.4 60.6

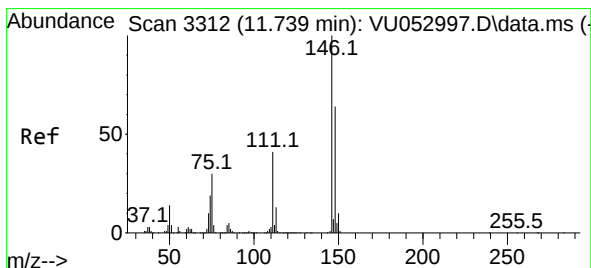
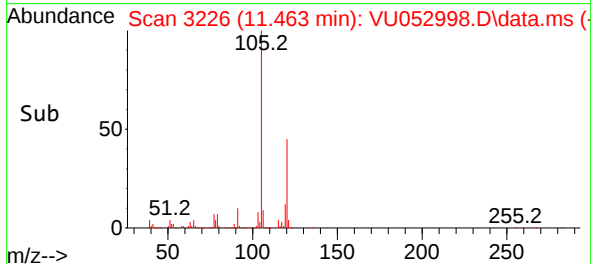
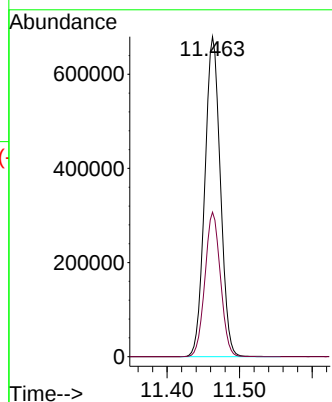
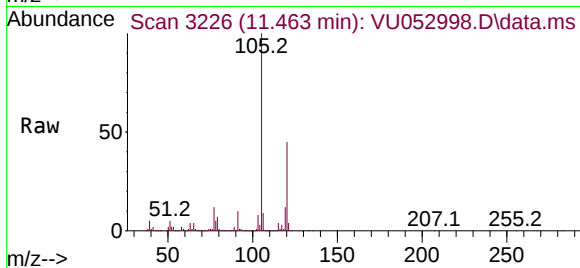




#63
1,2,4-Trimethylbenzene
Concen: 108.916 ug/L
RT: 11.463 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

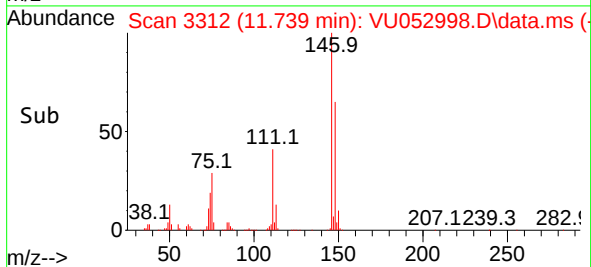
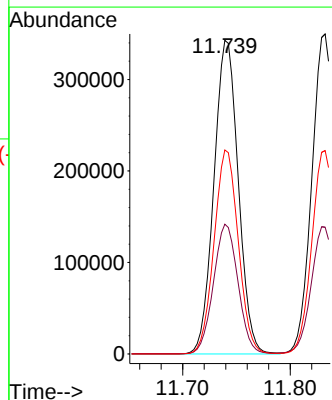
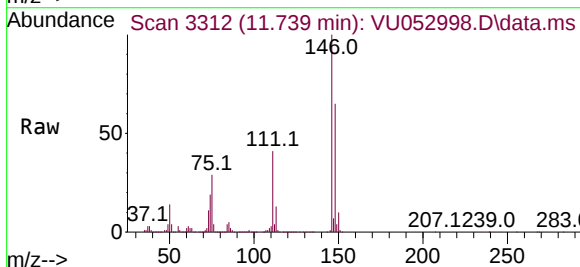
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

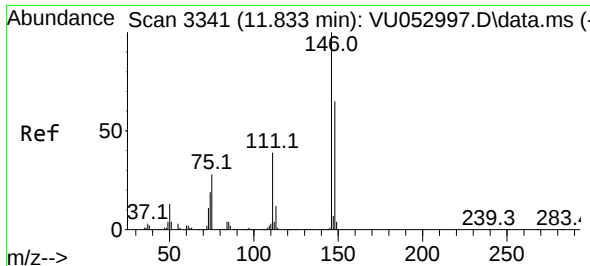
Tgt Ion:105 Resp: 1011209
Ion Ratio Lower Upper
105 100
120 45.0 38.1 57.1



#64
1,3-Dichlorobenzene
Concen: 94.255 ug/L
RT: 11.739 min Scan# 3312
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:146 Resp: 540340
Ion Ratio Lower Upper
146 100
111 41.4 27.8 51.6
148 65.0 45.5 84.5

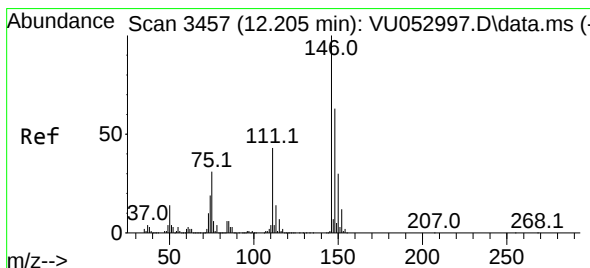
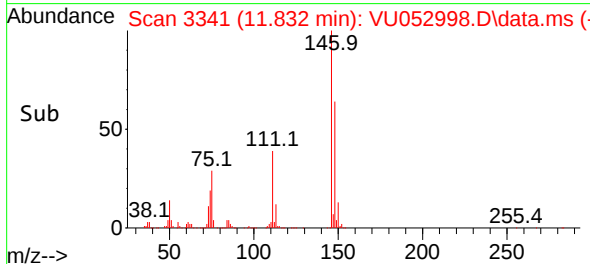
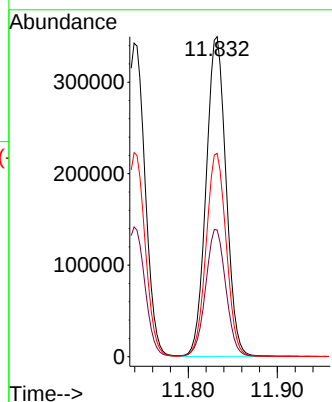
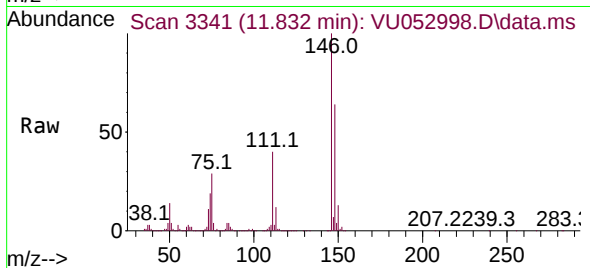




#65
1,4-Dichlorobenzene
Concen: 91.915 ug/L
RT: 11.832 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

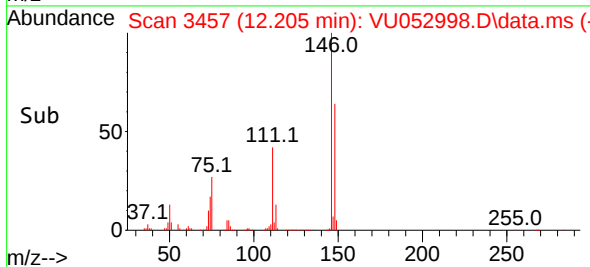
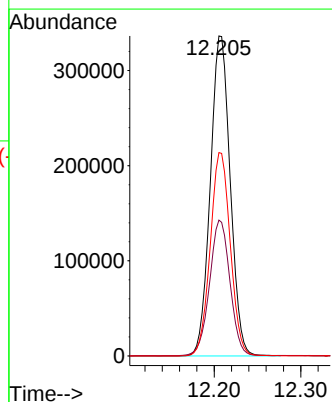
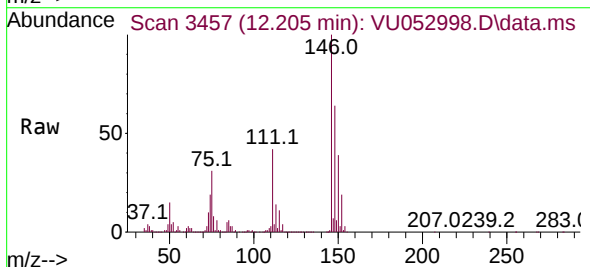
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

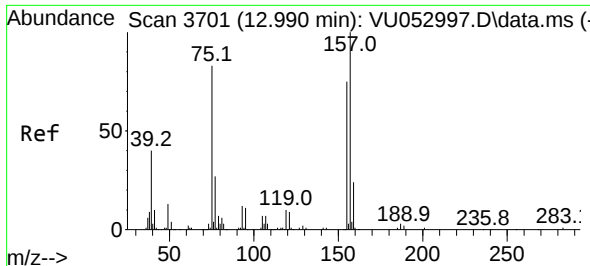
Tgt Ion:146 Resp: 542759
Ion Ratio Lower Upper
146 100
111 39.6 26.7 49.7
148 63.6 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 93.427 ug/L
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:146 Resp: 537405
Ion Ratio Lower Upper
146 100
111 42.5 33.2 49.8
148 63.5 50.2 75.4

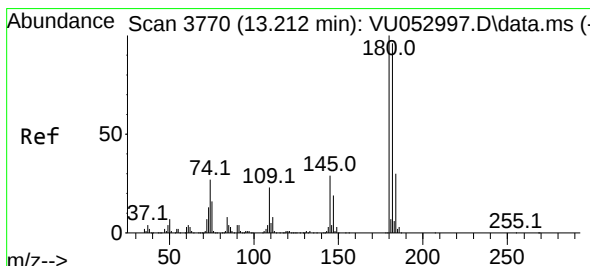
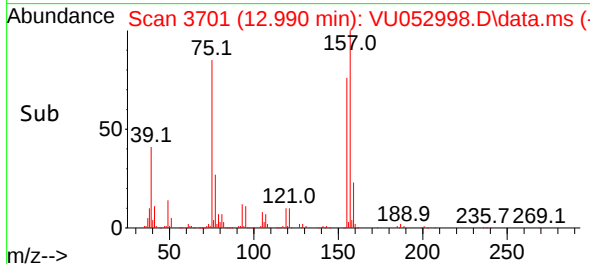
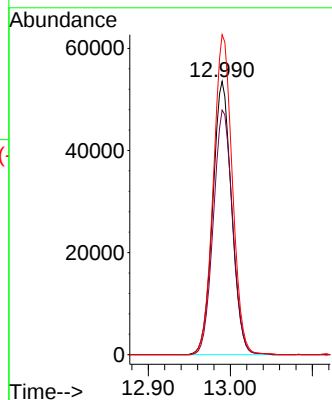
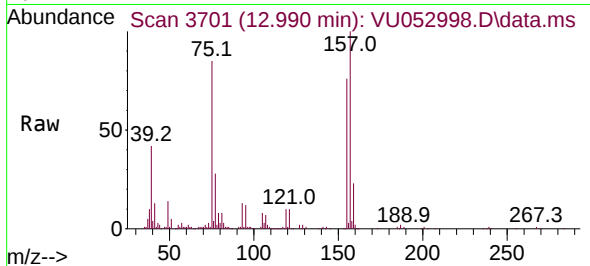




#68
 1,2-Dibromo-3-chloropropane
 Concen: 88.941 ug/L
 RT: 12.990 min Scan# 3701
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

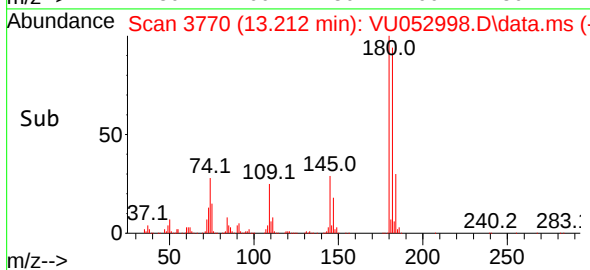
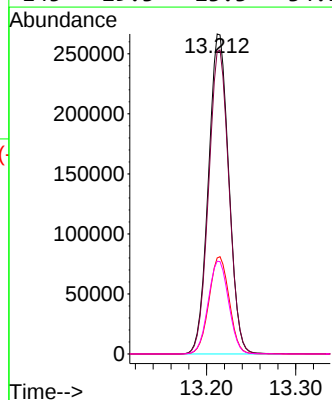
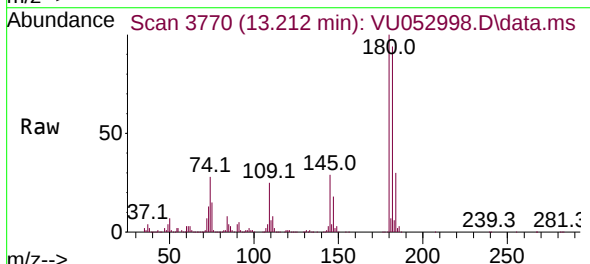
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100076

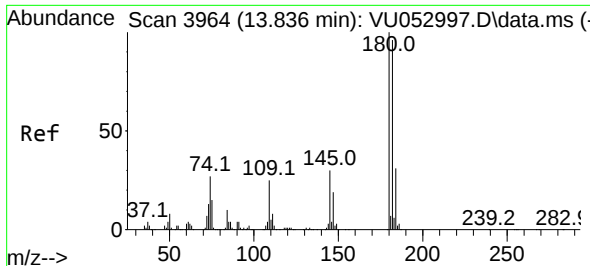
Tgt Ion: 75 Resp: 85637
 Ion Ratio Lower Upper
 75 100
 155 89.6 69.2 103.8
 157 117.1 91.2 136.8



#69
 1,3,5-Trichlorobenzene
 Concen: 97.966 ug/L
 RT: 13.212 min Scan# 3770
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

Tgt Ion:180 Resp: 421729
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.6
 184 30.2 24.4 36.6
 145 29.3 23.3 34.9

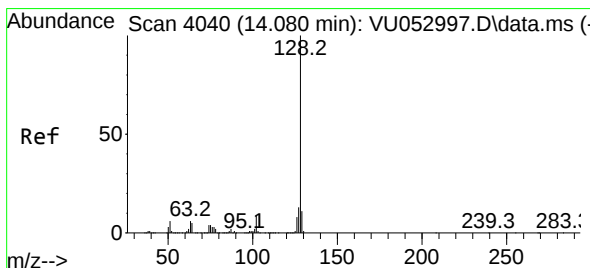
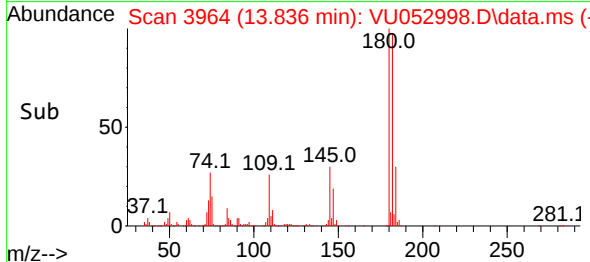
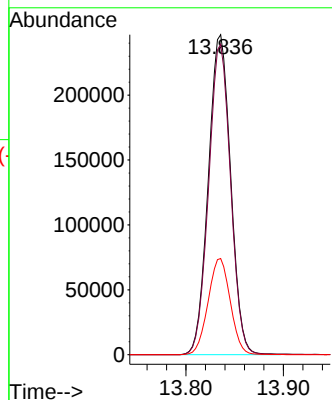
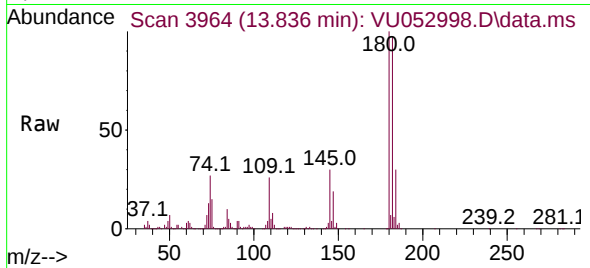




#70
1,2,4-trichlorobenzene
Concen: 107.367 ug/L
RT: 13.836 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

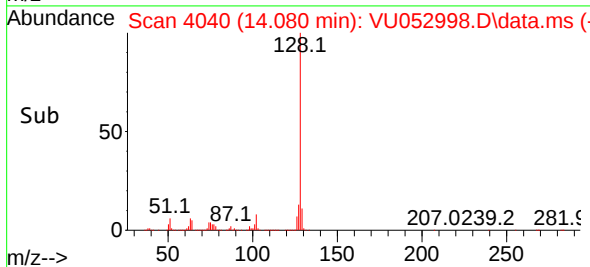
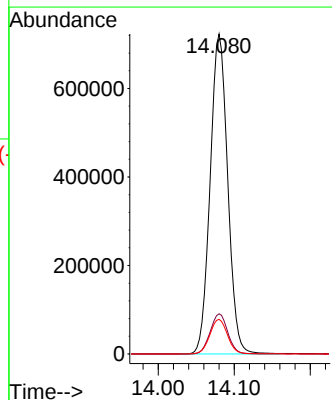
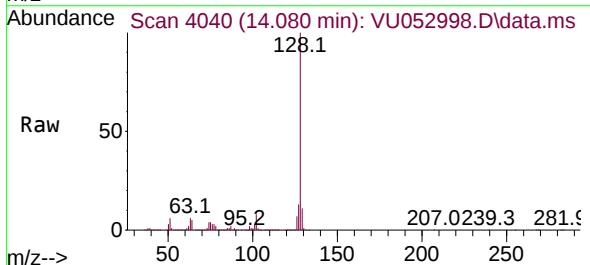
Instrument :
MSVOA_U
ClientSampleId :
VSTD100076

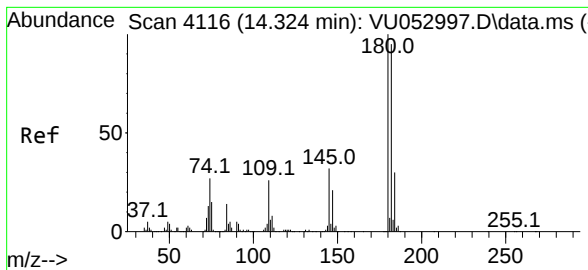
Tgt Ion:	180	Resp:	393033
Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.2	117.2
145	29.8	23.4	35.2



#71
Naphthalene
Concen: 110.776 ug/L
RT: 14.080 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU052998.D
Acq: 08 Feb 2023 13:12

Tgt Ion:	128	Resp:	1159110
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 101.038 ug/L
 RT: 14.324 min Scan# 4116
 Delta R.T. -0.000 min
 Lab File: VU052998.D
 Acq: 08 Feb 2023 13:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100076

Tgt Ion:	180	Resp:	384344
Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.5	116.3
145	31.5	24.2	36.4

