

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052969.D
 Acq On : 06 Feb 2023 09:23
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005134

Quant Time: Feb 06 13:41:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	149277	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66870	5.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.912	69	60199	5.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%
11) 1,1-Dichloroethene-d2	2.565	65	27027	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.636	46	122361	34.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.780%
24) Chloroform-d	5.060	84	125406	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.697	65	61501	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.722	84	255160	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.687	67	72904	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	223977	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	8.176	79	25119	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.629	63	90571	37.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	62467	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	74503	5.041	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	80868	5.042	ug/L	98
3) Chloromethane	1.517	50	80087	4.112	ug/L	99
5) Vinyl chloride	1.604	62	90126	4.837	ug/L	99
6) Bromomethane	1.858	94	54217	5.605	ug/L	98
8) Chloroethane	1.935	64	58365	5.152	ug/L	100
9) Trichlorofluoromethane	2.137	101	132556	6.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	73438	5.683	ug/L	95
12) 1,1-Dichloroethene	2.578	96	67043	5.180	ug/L	89
13) Acetone	2.652	43	121359	48.257	ug/L	94
14) Carbon disulfide	2.793	76	196592	4.395	ug/L	97
15) Methyl Acetate	2.957	43	25352	4.205	ug/L #	88
16) Methylene chloride	3.044	84	81330	4.722	ug/L	84
17) Methyl tert-butyl Ether	3.359	73	144543	5.047	ug/L	96
18) trans-1,2-Dichloroethene	3.349	96	71269	5.399	ug/L	87
19) 1,1-Dichloroethane	3.864	63	136913	4.995	ug/L	99
21) 2-Butanone	4.713	43	163650	40.424	ug/L	84
22) cis-1,2-Dichloroethene	4.661	96	72873	5.141	ug/L	92
23) Bromochloromethane	4.970	128	35869	5.978	ug/L #	73
25) Chloroform	5.083	83	142850	5.302	ug/L	100

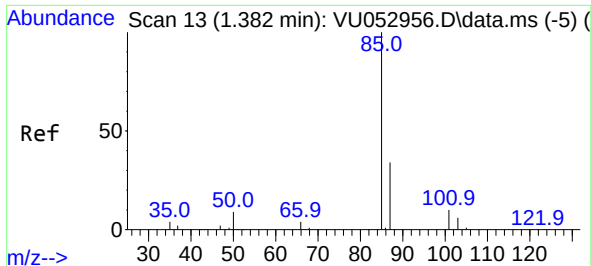
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052969.D
 Acq On : 06 Feb 2023 09:23
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Feb 06 13:41:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	83317	5.102	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	120949	5.327	ug/L	96
30) Cyclohexane	5.385	56	91866	4.021	ug/L	90
31) Carbon tetrachloride	5.520	117	107141	6.022	ug/L	99
33) Benzene	5.771	78	313445	5.472	ug/L	100
34) Trichloroethene	6.539	95	75430	5.567	ug/L	97
35) Methylcyclohexane	6.761	83	103612	4.631	ug/L	92
37) 1,2-Dichloropropane	6.787	63	77510	5.042	ug/L #	97
38) Bromodichloromethane	7.102	83	98745	5.455	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	94520	4.844	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	355386	40.421	ug/L #	89
42) Toluene	7.967	91	315481	5.529	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	82990	4.927	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	60549	6.262	ug/L	90
47) Tetrachloroethene	8.549	164	59074	5.917	ug/L	96
48) 2-Hexanone	8.680	43	277541	43.114	ug/L #	87
49) Dibromochloromethane	8.806	129	68841	6.158	ug/L	100
50) 1,2-Dibromoethane	8.918	107	50099	5.636	ug/L #	100
51) Chlorobenzene	9.442	112	207421	5.835	ug/L	95
52) Ethylbenzene	9.568	91	321435	5.530	ug/L	99
53) m,p-Xylene	9.690	106	132633	6.024	ug/L	98
54) o-Xylene	10.098	106	124862	5.931	ug/L	94
55) Styrene	10.111	104	224447	6.250	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.777	83	73577	5.825	ug/L	99
59) Bromoform	10.288	173	38801	6.146	ug/L	100
60) Isopropylbenzene	10.481	105	325797	5.661	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	49929	5.291	ug/L	93
62) 1,3,5-Trimethylbenzene	11.086	105	251124	5.471	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	253514	5.483	ug/L	97
64) 1,3-Dichlorobenzene	11.741	146	162416	5.933	ug/L	100
65) 1,4-Dichlorobenzene	11.831	146	162274	5.811	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	148949	5.782	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	10096	4.639	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.214	180	111754	5.496	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	82956	5.087	ug/L	99
71) Naphthalene	14.082	128	121007	4.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	80409	5.382	ug/L	99

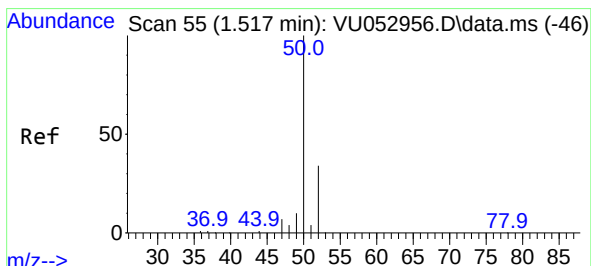
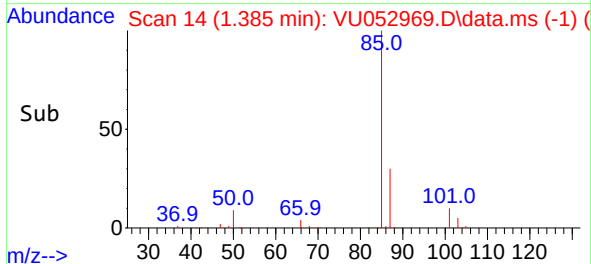
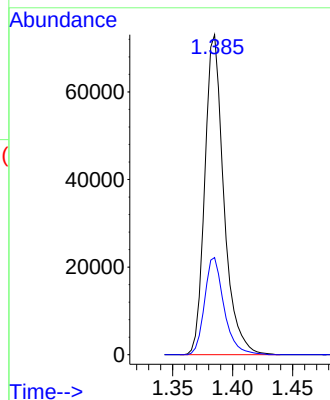
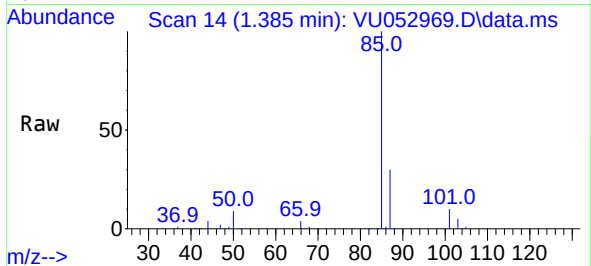
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.042 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

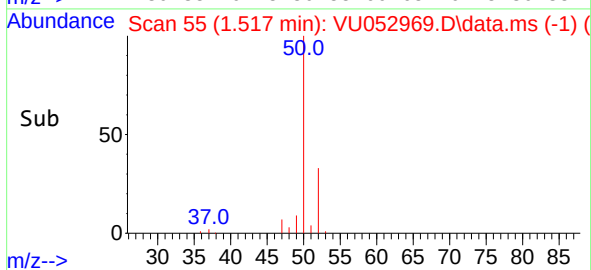
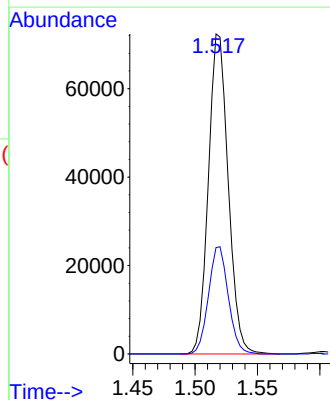
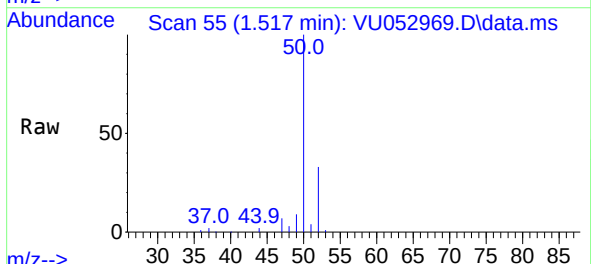
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

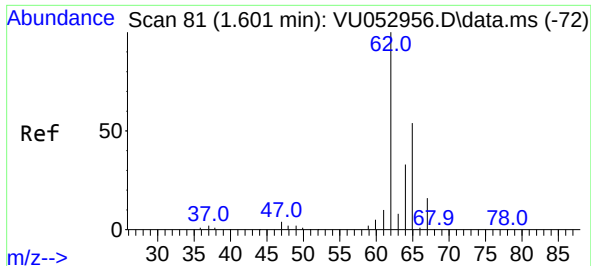
Tgt Ion: 85 Resp: 80868
Ion Ratio Lower Upper
85 100
87 31.0 25.5 38.3



#3
Chloromethane
Concen: 4.112 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 50 Resp: 80087
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.3

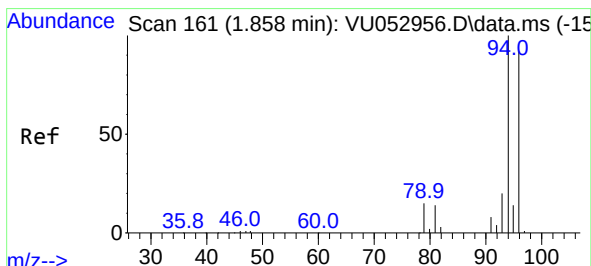
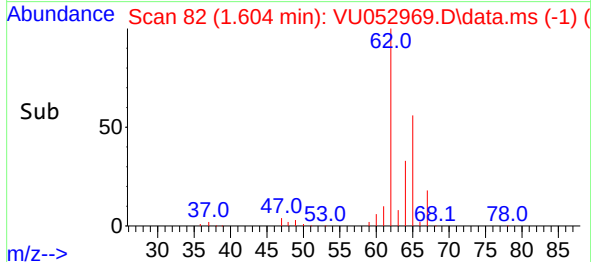
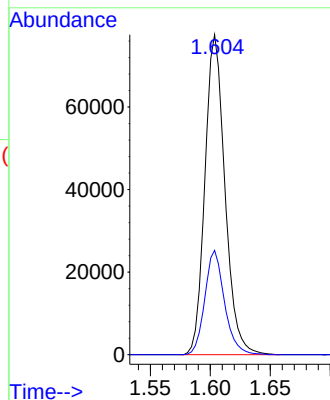
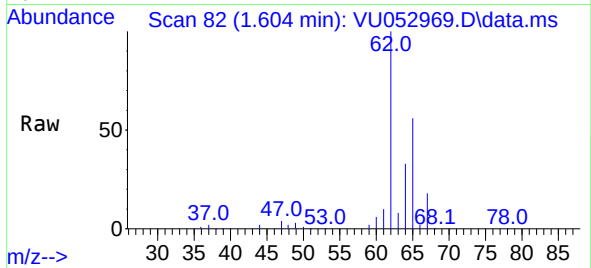




#5
 Vinyl chloride
 Concen: 4.837 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052969.D
 Acq: 06 Feb 2023 09:23

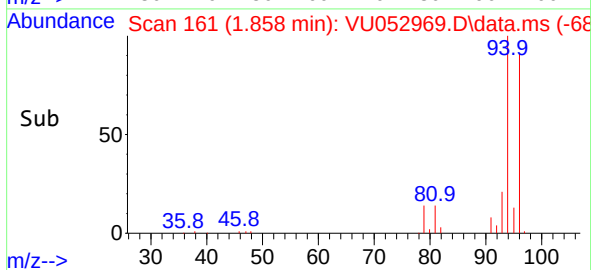
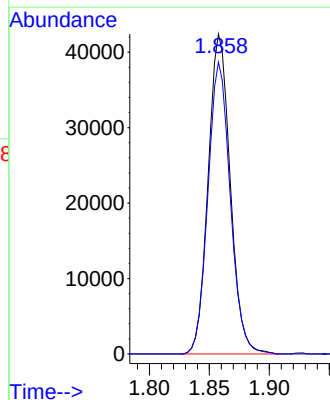
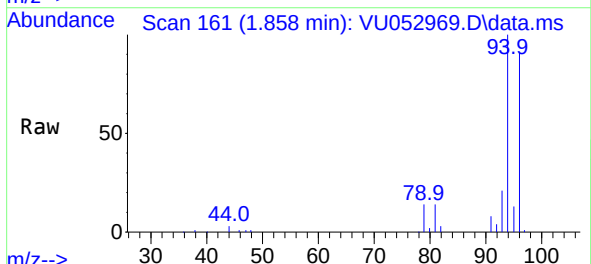
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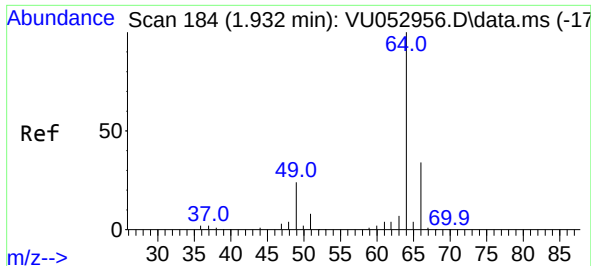
Tgt Ion: 62 Resp: 90126
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.3 41.3



#6
 Bromomethane
 Concen: 5.605 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU052969.D
 Acq: 06 Feb 2023 09:23

Tgt Ion: 94 Resp: 54217
 Ion Ratio Lower Upper
 94 100
 96 91.2 62.2 115.6

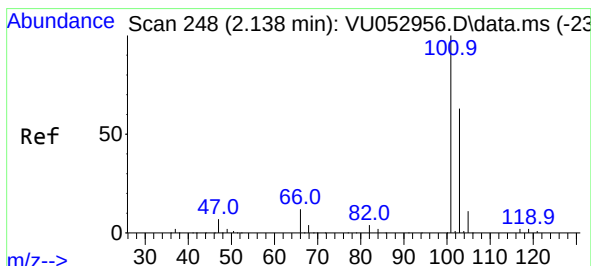
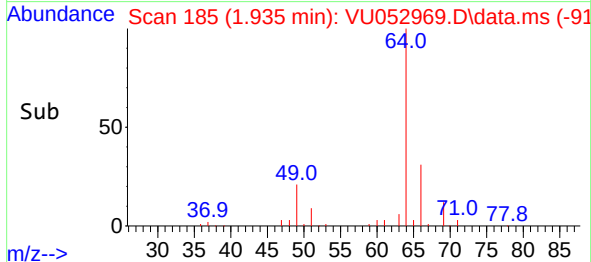
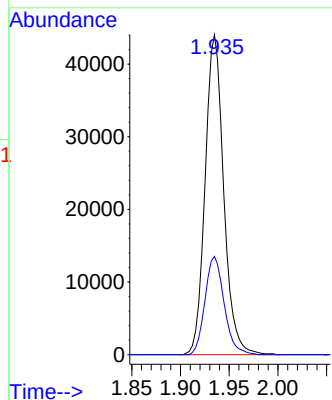
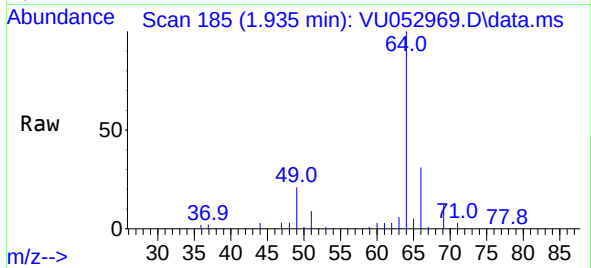




#8
Chloroethane
Concen: 5.152 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

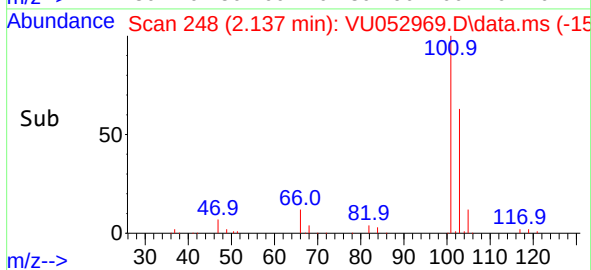
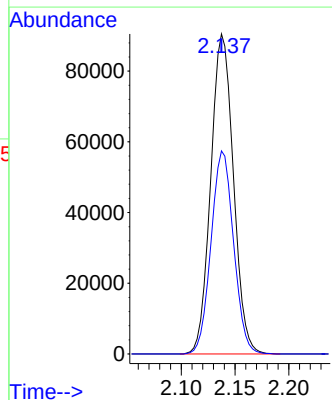
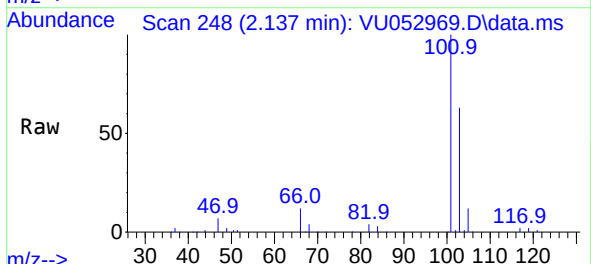
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ClientSampleId :
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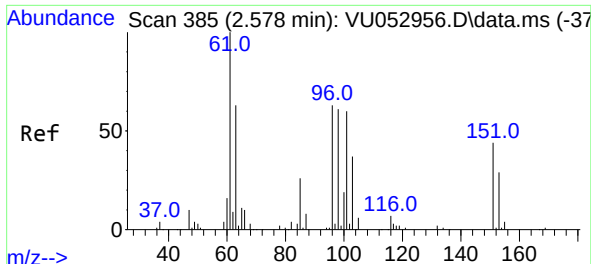
Tgt Ion: 64 Resp: 58365
Ion Ratio Lower Upper
64 100
66 30.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 6.034 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:101 Resp: 132556
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.6

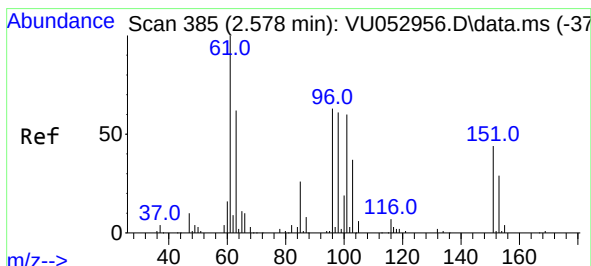
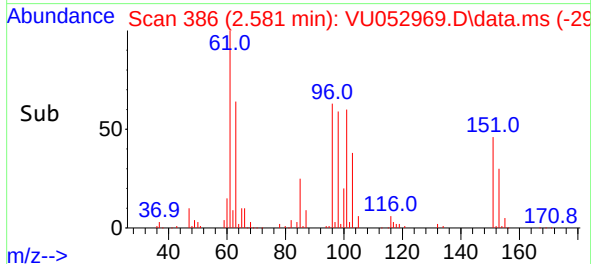
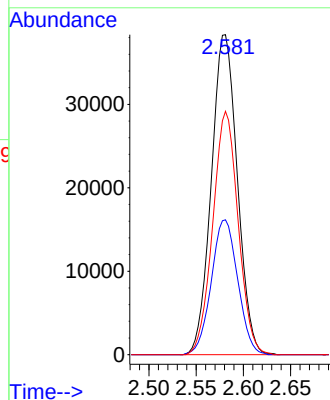
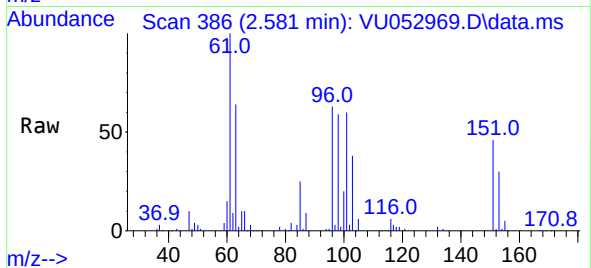




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.683 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

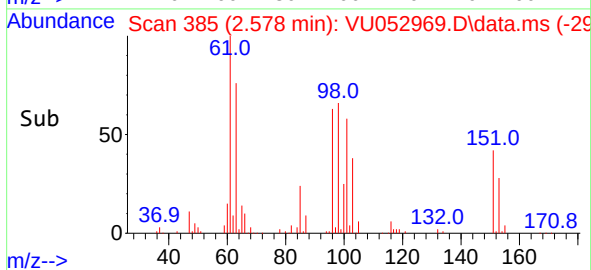
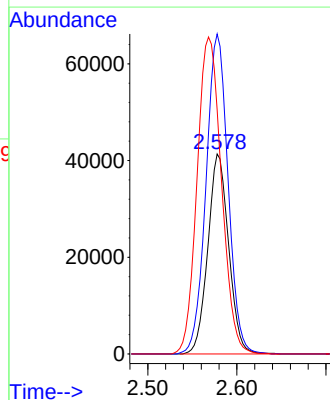
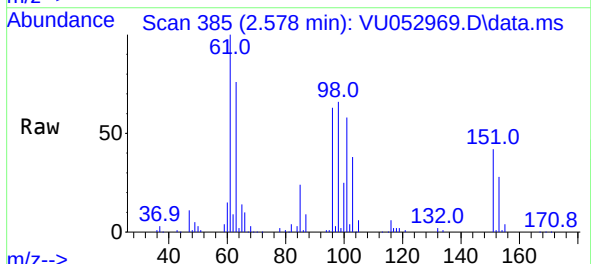
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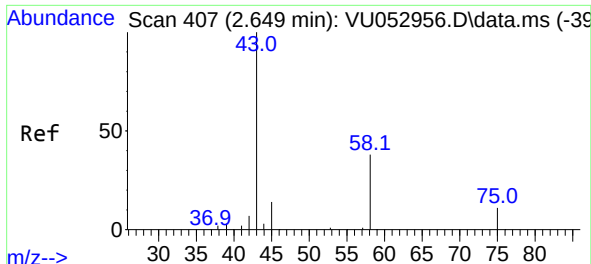
Tgt Ion:101 Resp: 73438
Ion Ratio Lower Upper
101 100
85 42.8 35.0 52.6
151 74.2 55.0 82.6



#12
1,1-Dichloroethene
Concen: 5.180 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 96 Resp: 67043
Ion Ratio Lower Upper
96 100
61 160.0 129.6 240.8
63 121.9 83.7 155.5





#13

Acetone

Concen: 48.257 ug/L

RT: 2.652 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

Instrument :

MSVOA_U

ClientSampleId :

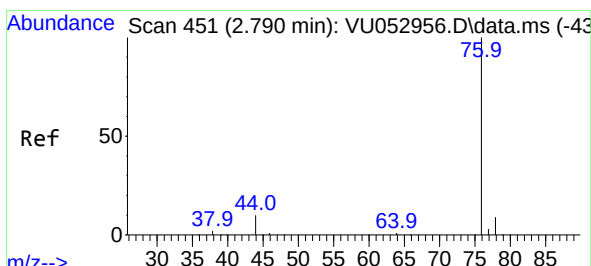
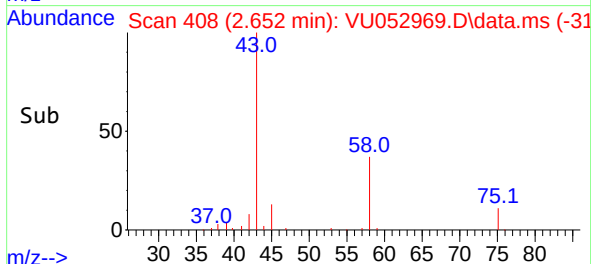
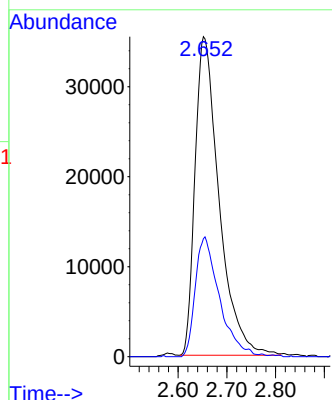
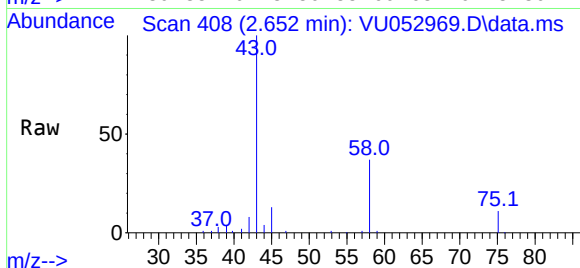
VSTD005134

Tgt Ion: 43 Resp: 121359

Ion Ratio Lower Upper

43 100

58 37.6 0.0 68.8



#14

Carbon disulfide

Concen: 4.395 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU052969.D

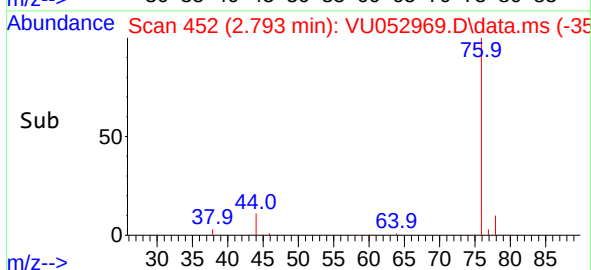
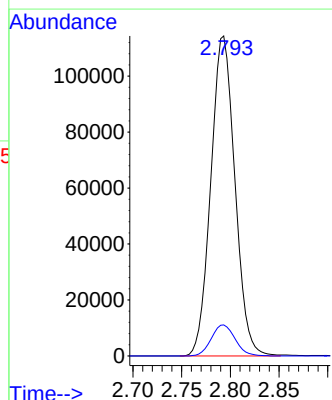
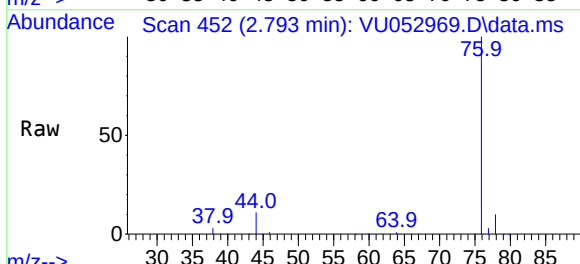
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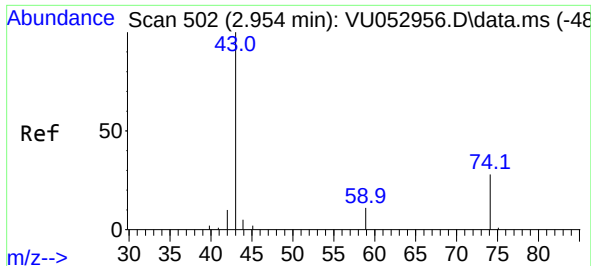
Tgt Ion: 76 Resp: 196592

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

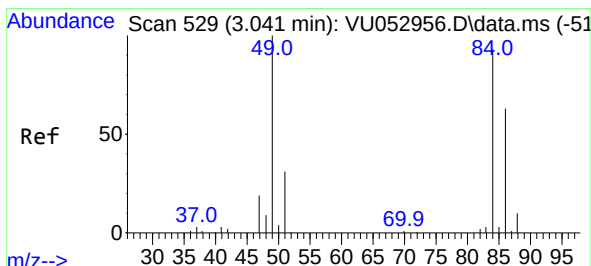
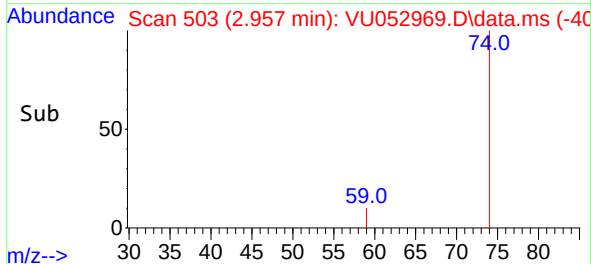
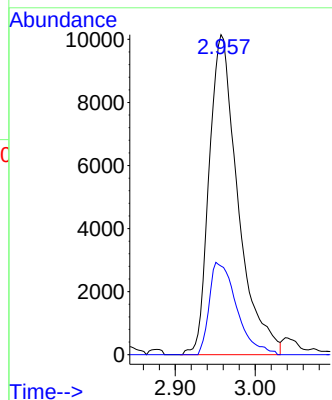
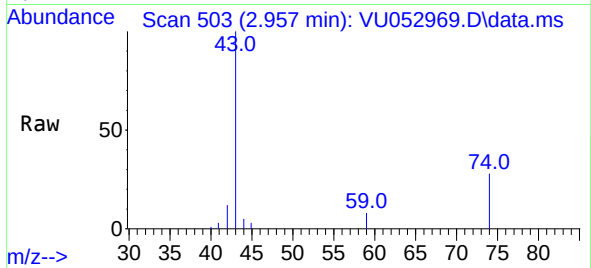




#15
Methyl Acetate
Concen: 4.205 ug/L
RT: 2.957 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

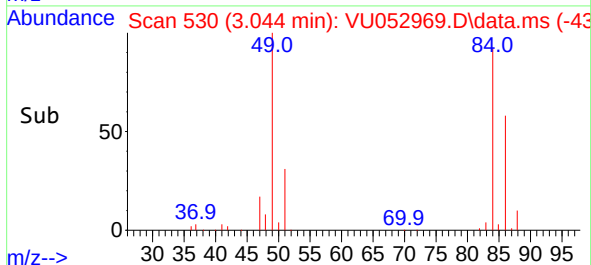
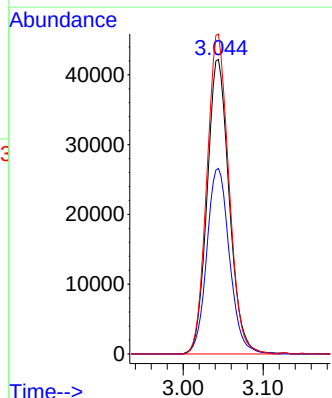
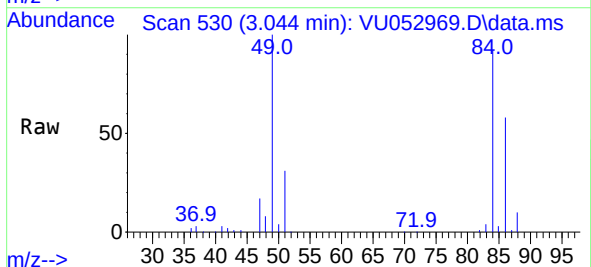
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

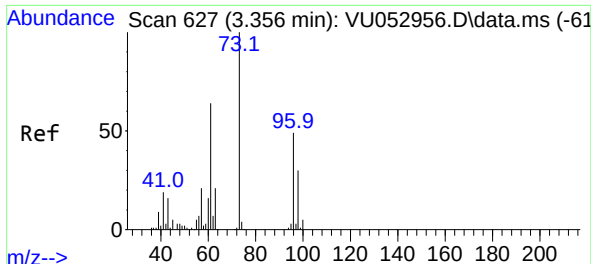
Tgt Ion: 43 Resp: 25352
Ion Ratio Lower Upper
43 100
74 27.4 17.5 26.3#



#16
Methylene chloride
Concen: 4.722 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 84 Resp: 81330
Ion Ratio Lower Upper
84 100
86 63.0 45.6 84.6
49 108.7 94.8 176.0

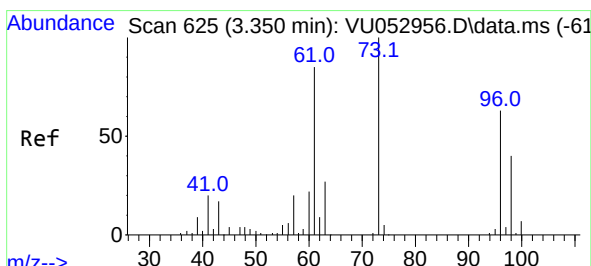
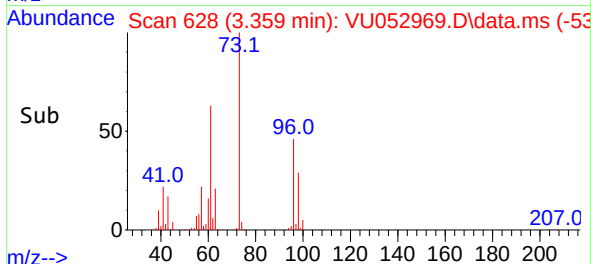
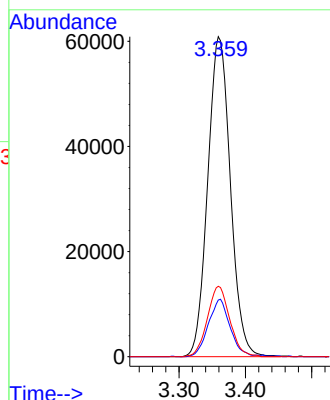
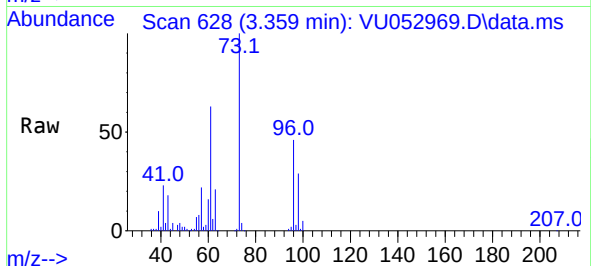




#17
Methyl tert-butyl Ether
Concen: 5.047 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

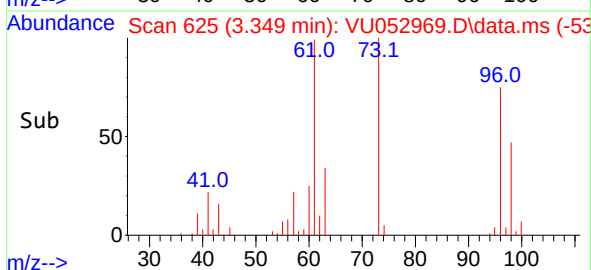
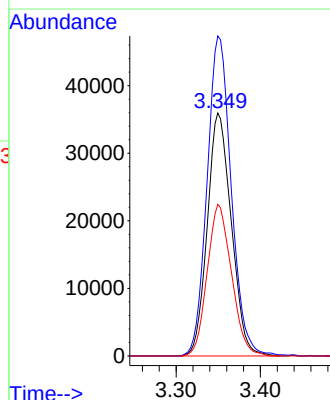
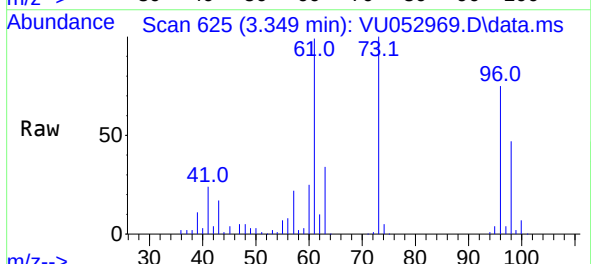
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

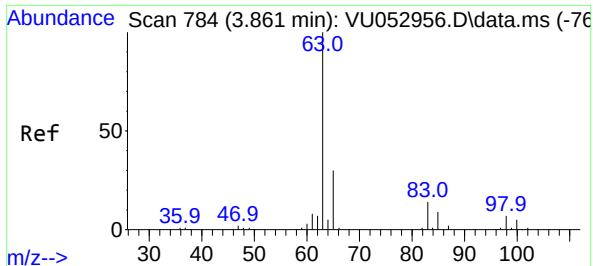
Tgt Ion: 73 Resp: 144543
Ion Ratio Lower Upper
73 100
43 17.2 15.8 23.8
57 21.7 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.399 ug/L
RT: 3.349 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 96 Resp: 71269
Ion Ratio Lower Upper
96 100
61 131.7 108.4 201.4
98 62.3 43.8 81.4

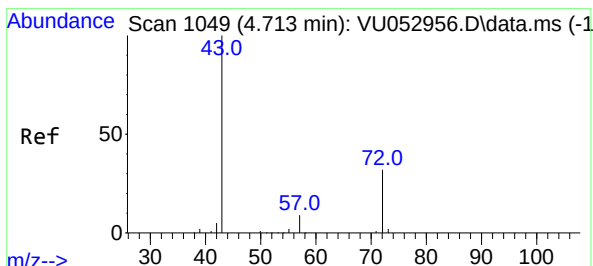
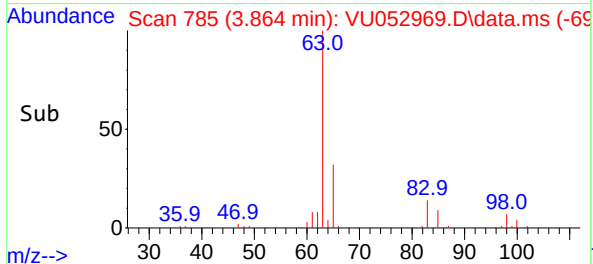
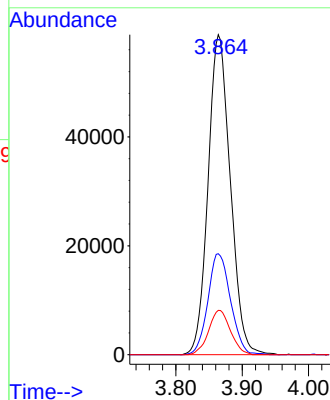
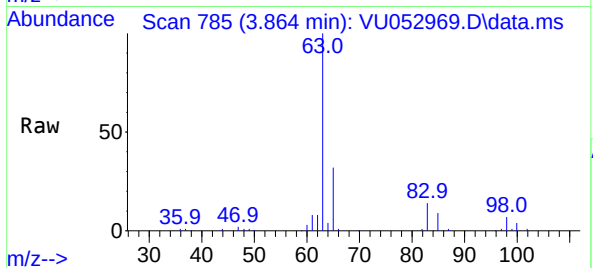




#19
1,1-Dichloroethane
Concen: 4.995 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

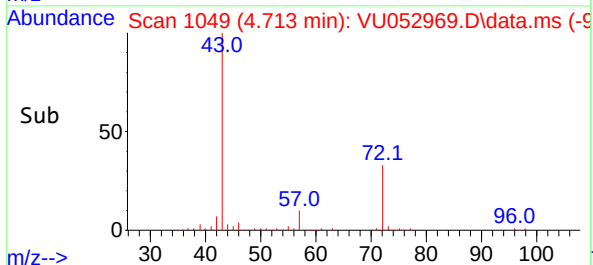
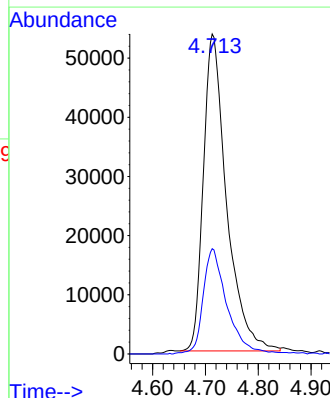
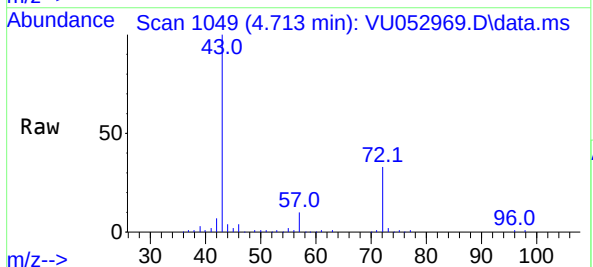
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

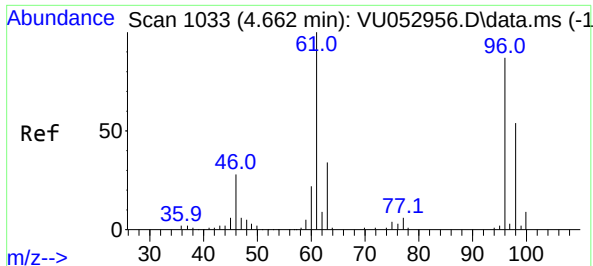
Tgt Ion: 63 Resp: 136913
Ion Ratio Lower Upper
63 100
65 31.6 22.0 41.0
83 13.9 8.9 16.5



#21
2-Butanone
Concen: 40.424 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 43 Resp: 163650
Ion Ratio Lower Upper
43 100
72 33.6 12.9 38.6

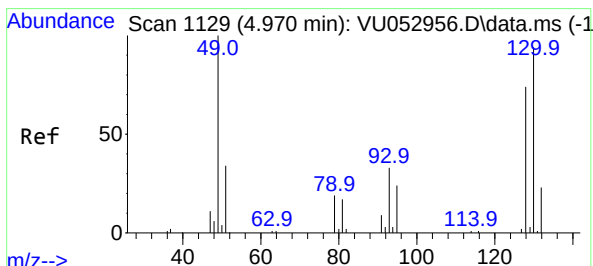
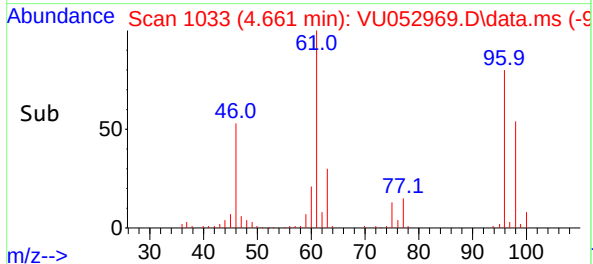
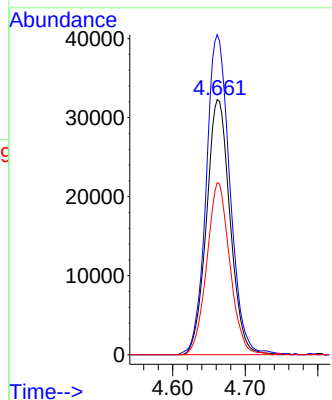
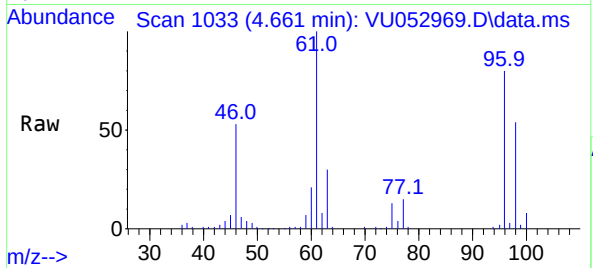




#22
cis-1,2-Dichloroethene
Concen: 5.141 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

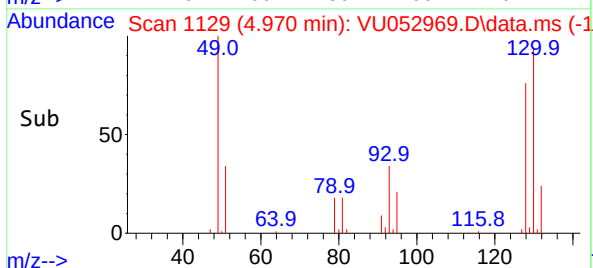
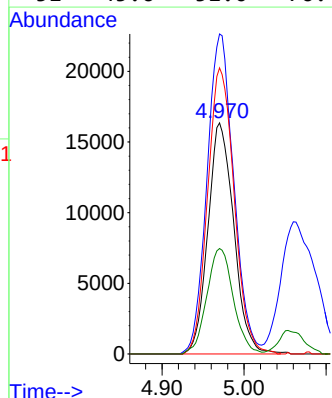
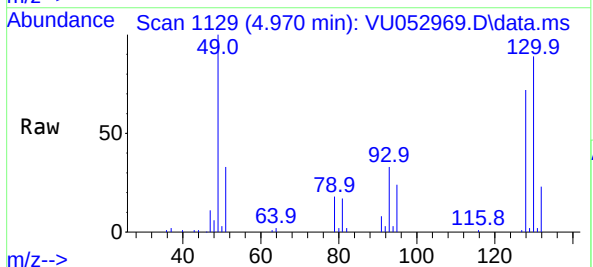
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

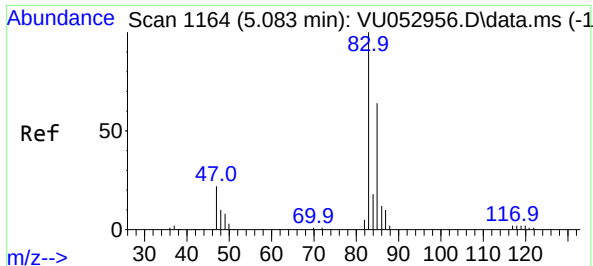
Tgt Ion: 96 Resp: 72873
Ion Ratio Lower Upper
96 100
61 125.5 94.6 175.8
98 67.4 43.3 80.3



#23
Bromochloromethane
Concen: 5.978 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 128 Resp: 35869
Ion Ratio Lower Upper
128 100
49 138.5 142.8 265.2#
130 123.8 91.3 169.5
51 45.6 51.0 76.4#





#25

Chloroform

Concen: 5.302 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

Instrument :

MSVOA_U

ClientSampleId :

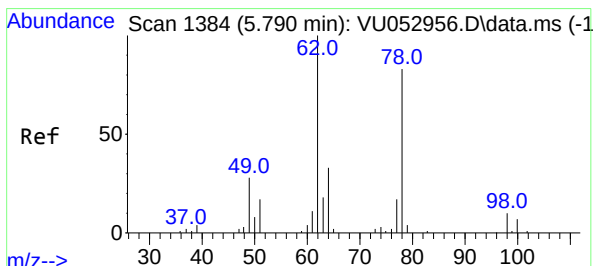
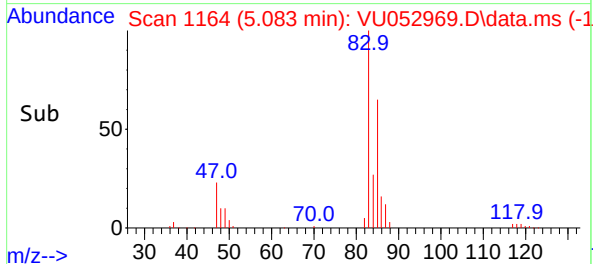
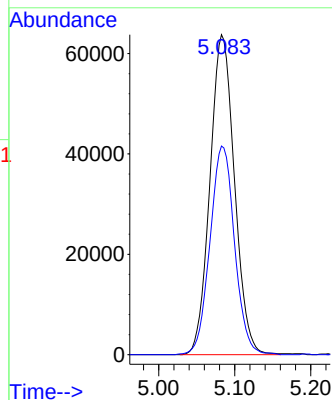
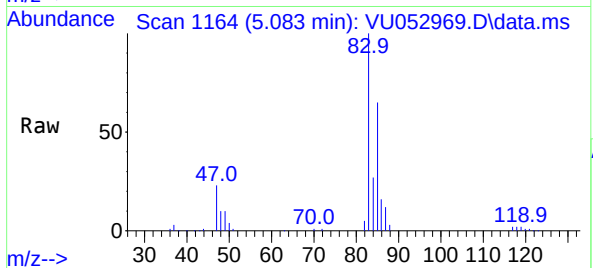
VSTD005134

Tgt Ion: 83 Resp: 142850

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.102 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU052969.D

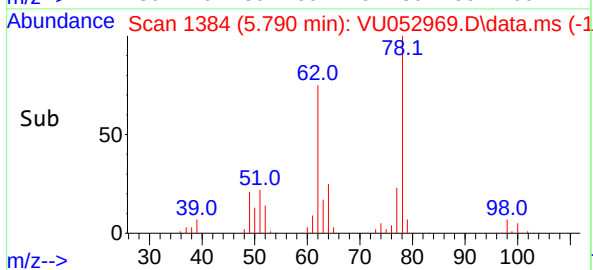
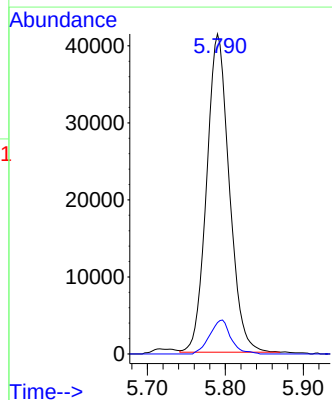
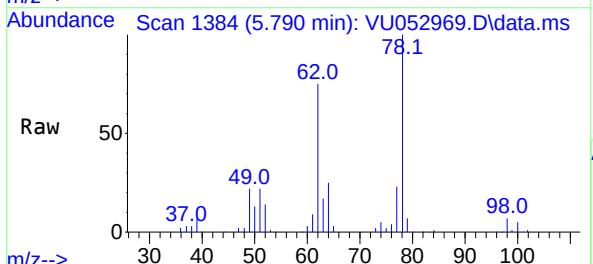
Acq: 06 Feb 2023 09:23

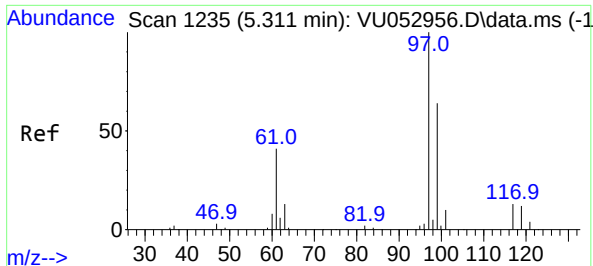
Tgt Ion: 62 Resp: 83317

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3



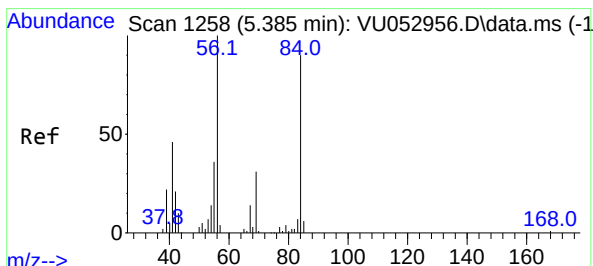
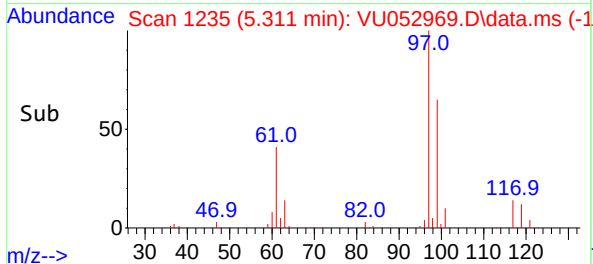
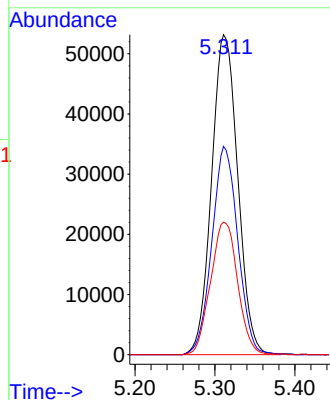
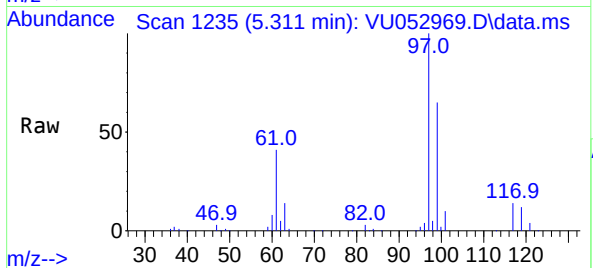


#29
1,1,1-Trichloroethane
Concen: 5.327 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

Tgt Ion: 97 Resp: 120949

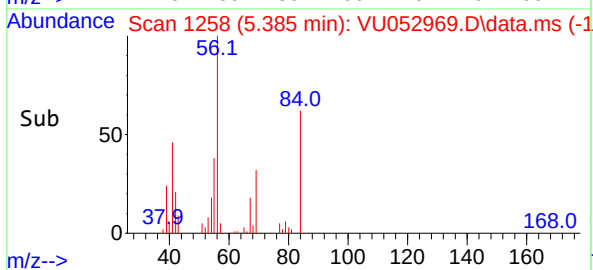
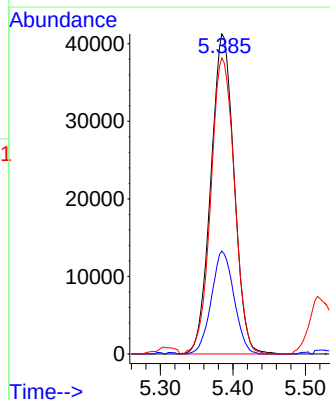
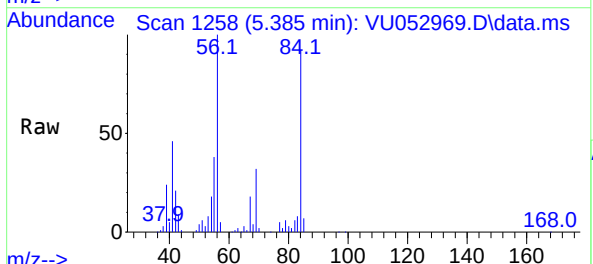
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.4	78.6
61	42.9	38.5	57.7

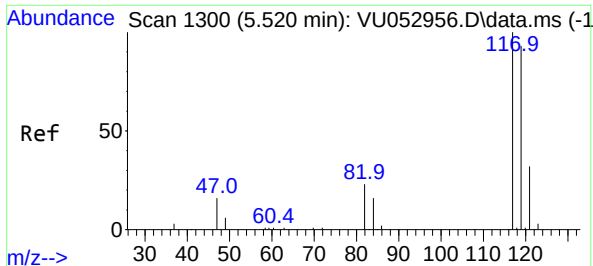


#30
Cyclohexane
Concen: 4.021 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 56 Resp: 91866

Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.8	35.8
84	93.8	66.2	99.4

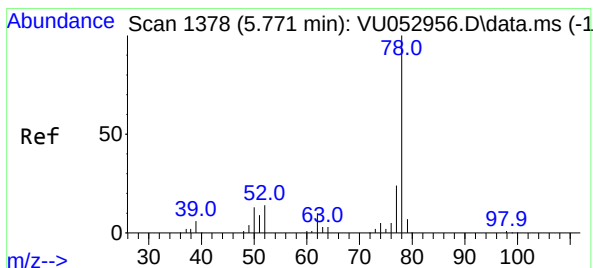
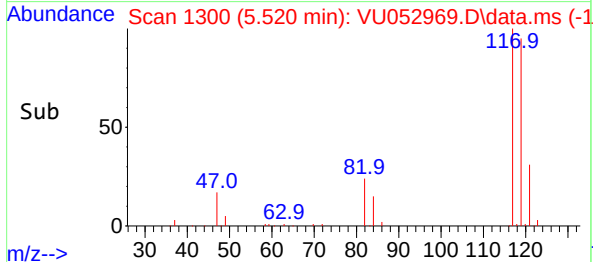
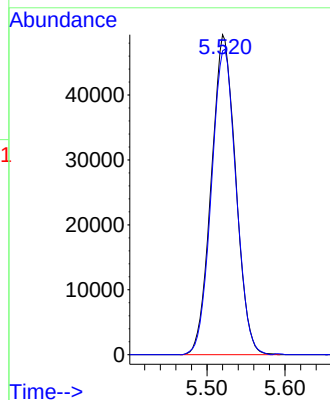
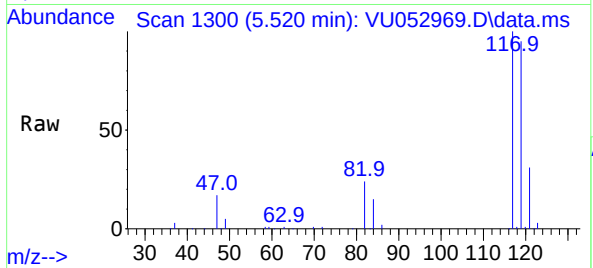




#31
Carbon tetrachloride
Concen: 6.022 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

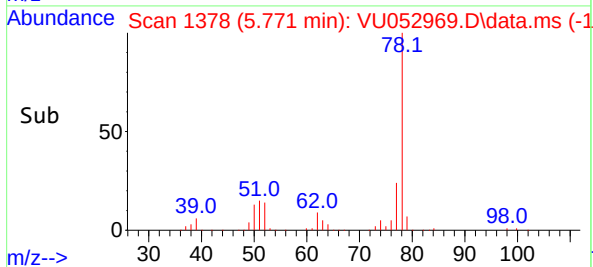
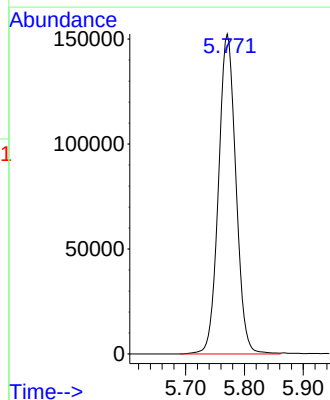
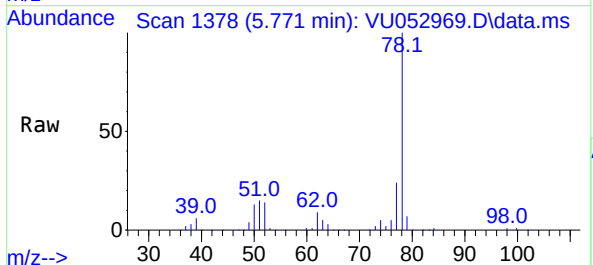
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

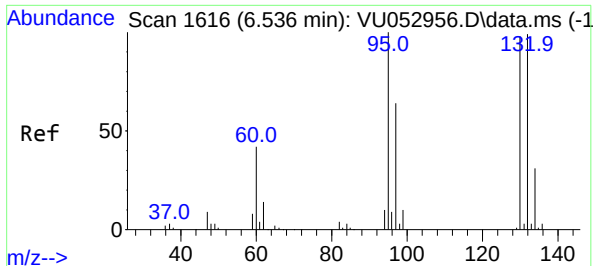
Tgt Ion:117 Resp: 107141
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.8



#33
Benzene
Concen: 5.472 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 78 Resp: 313445

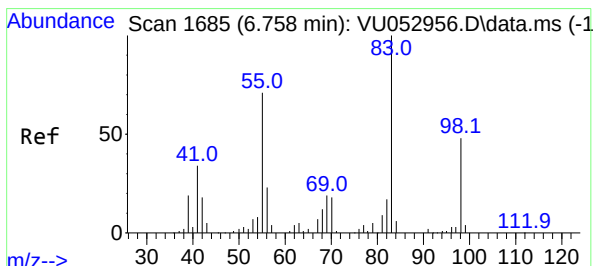
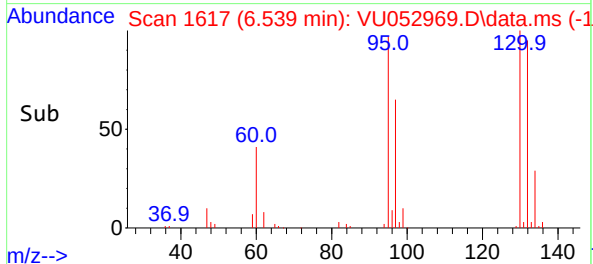
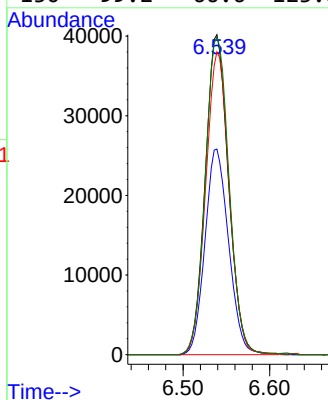
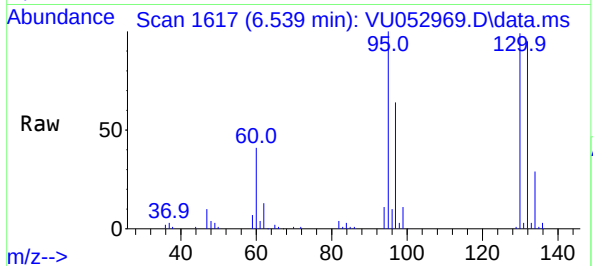




#34
Trichloroethene
Concen: 5.567 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

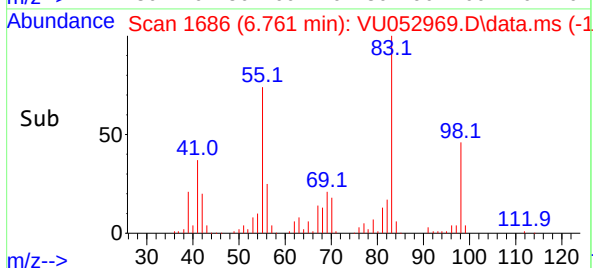
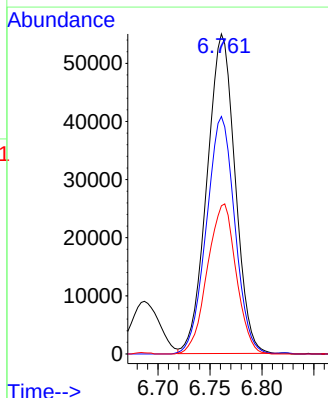
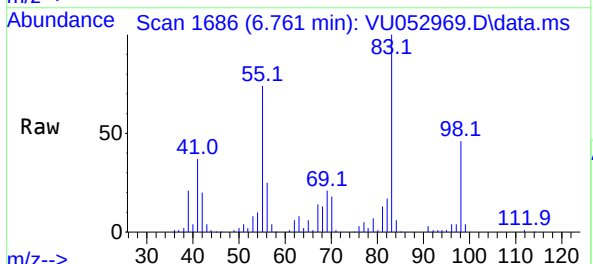
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

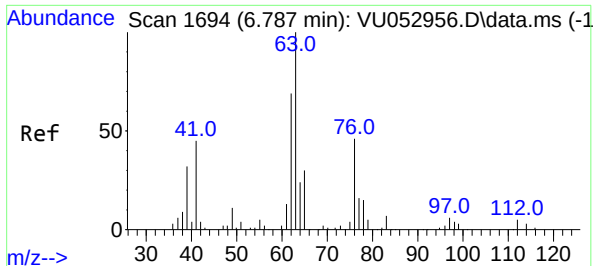
Tgt Ion: 95 Resp: 75430
Ion Ratio Lower Upper
95 100
97 64.3 46.0 85.4
132 94.6 64.0 118.8
130 99.2 66.6 123.8



#35
Methylcyclohexane
Concen: 4.631 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 83 Resp: 103612
Ion Ratio Lower Upper
83 100
55 75.2 67.6 101.4
98 48.1 37.1 55.7

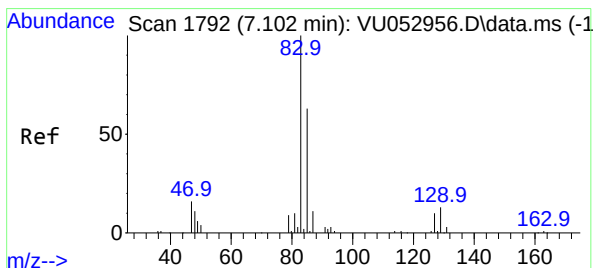
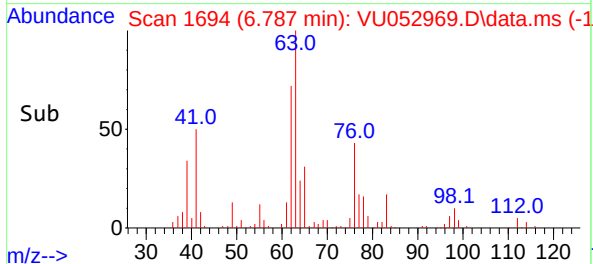
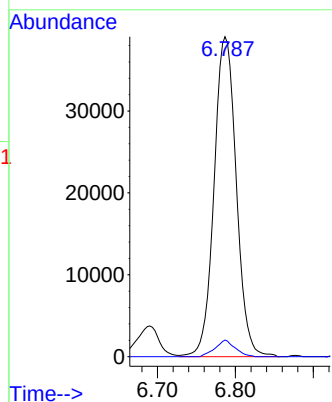
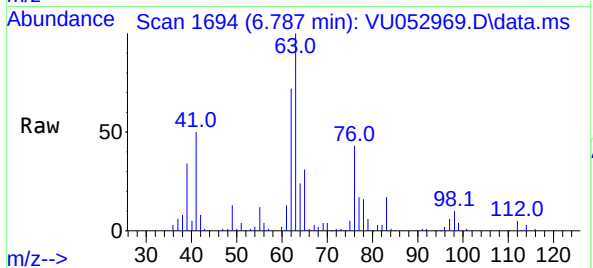




#37
1,2-Dichloropropane
Concen: 5.042 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

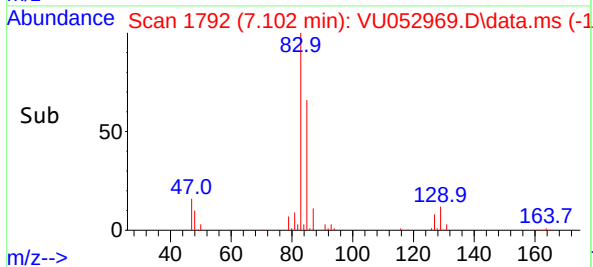
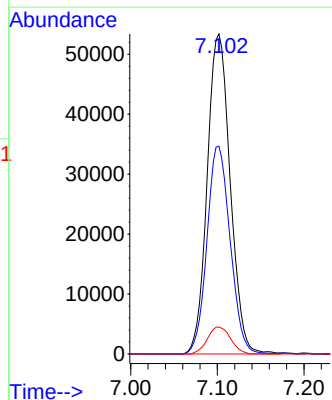
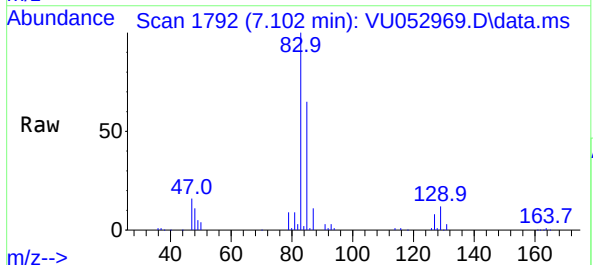
Instrument :
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ClientSampleId :
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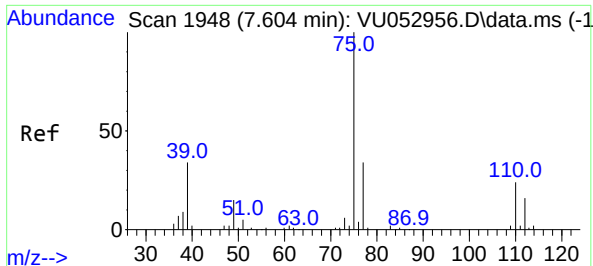
Tgt Ion: 63 Resp: 77510
Ion Ratio Lower Upper
63 100
112 4.6 2.9 4.3#



#38
Bromodichloromethane
Concen: 5.455 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 83 Resp: 98745
Ion Ratio Lower Upper
83 100
85 64.9 47.0 87.4
127 8.4 6.9 10.3

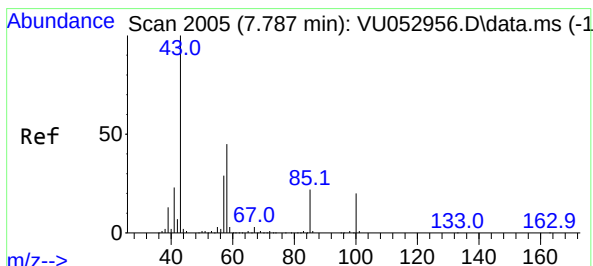
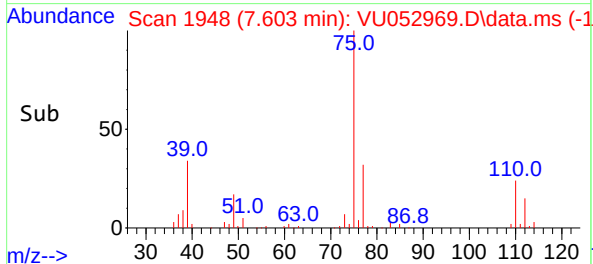
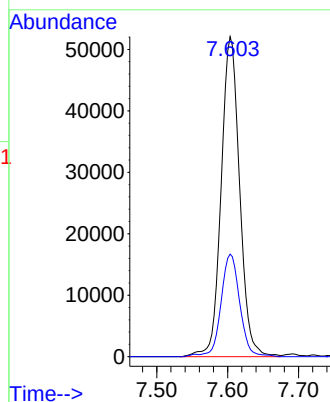
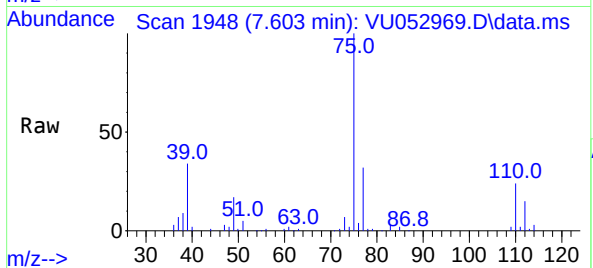




#39
cis-1,3-Dichloropropene
Concen: 4.844 ug/L
RT: 7.603 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

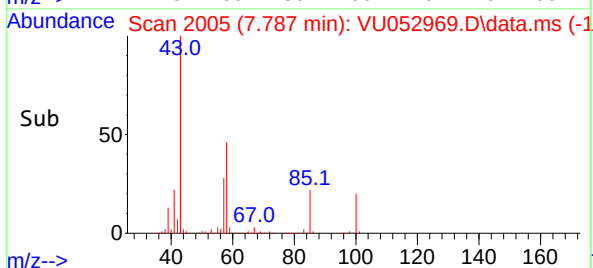
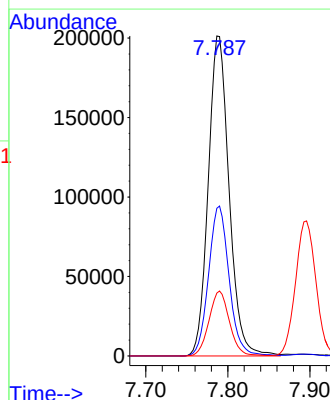
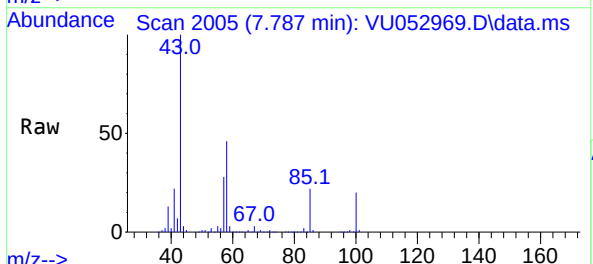
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

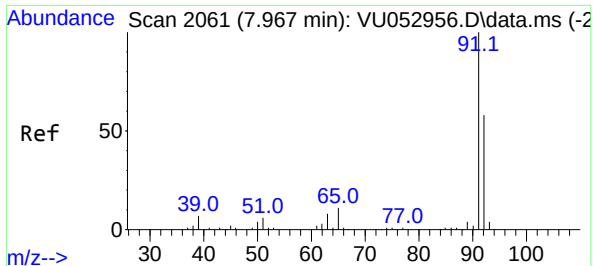
Tgt Ion: 75 Resp: 94520
Ion Ratio Lower Upper
75 100
77 32.1 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 40.421 ug/L
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 43 Resp: 355386
Ion Ratio Lower Upper
43 100
58 46.3 32.0 48.0
100 20.0 11.3 16.9#





#42

Toluene

Concen: 5.529 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

Instrument :

MSVOA_U

ClientSampleId :

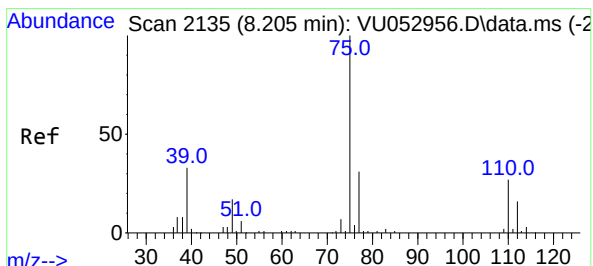
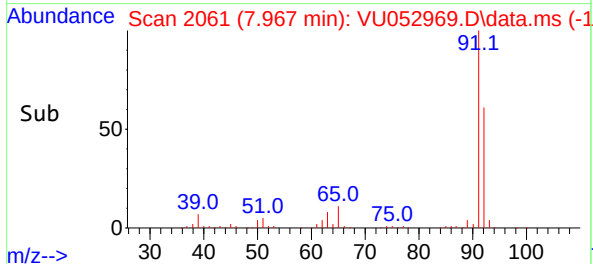
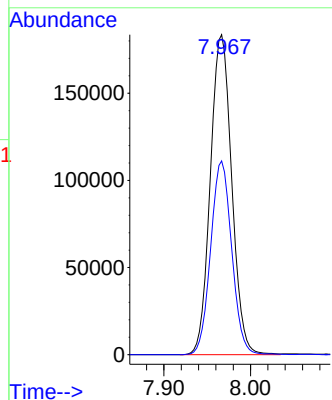
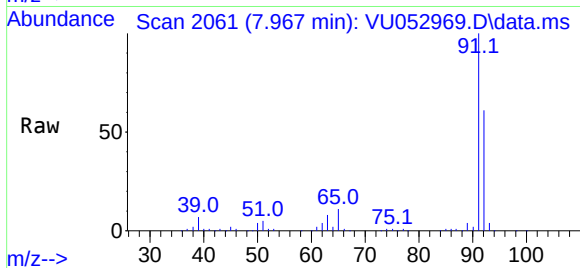
VSTD005134

Tgt Ion: 91 Resp: 315481

Ion Ratio Lower Upper

91 100

92 60.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.927 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052969.D

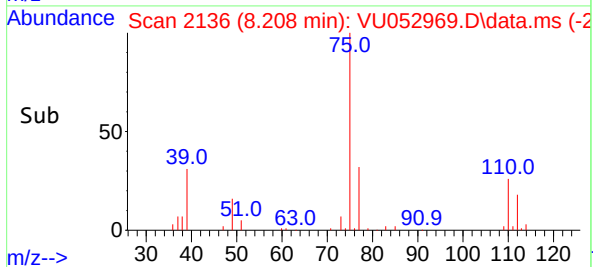
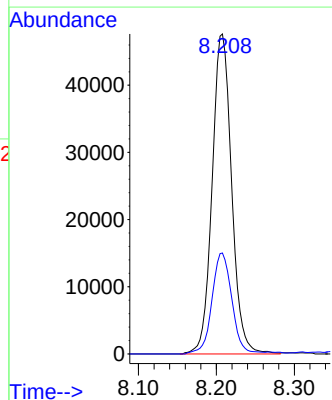
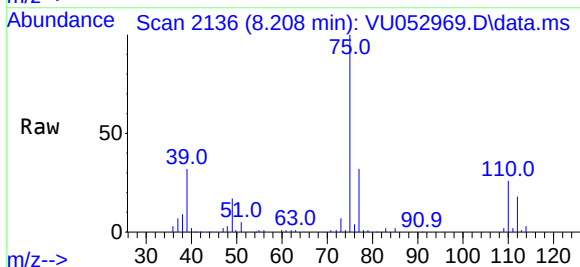
Acq: 06 Feb 2023 09:23

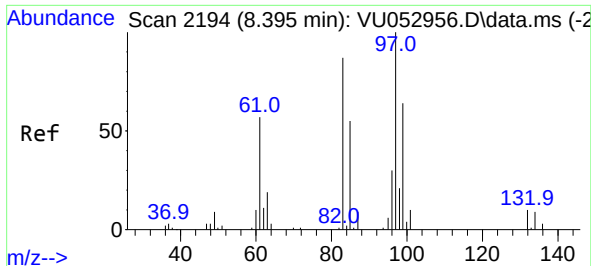
Tgt Ion: 75 Resp: 82990

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



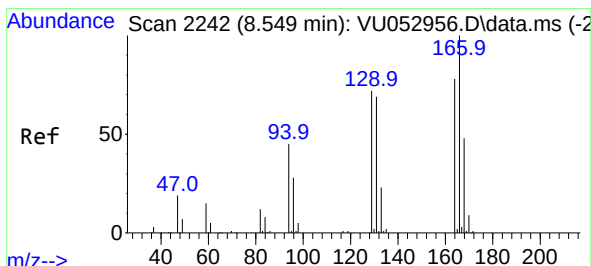
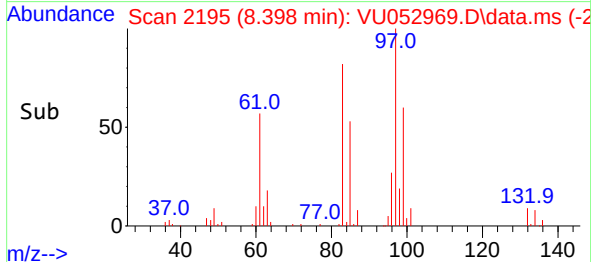
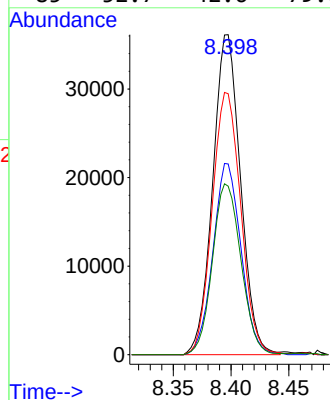
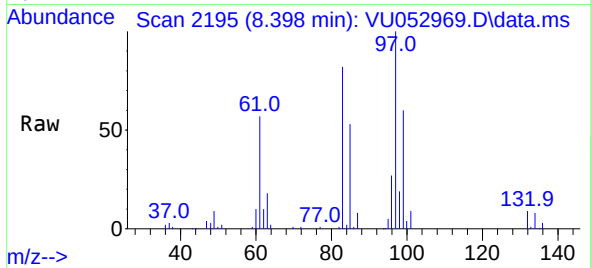


#45
1,1,2-Trichloroethane
Concen: 6.262 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

Tgt Ion: 97 Resp: 60549

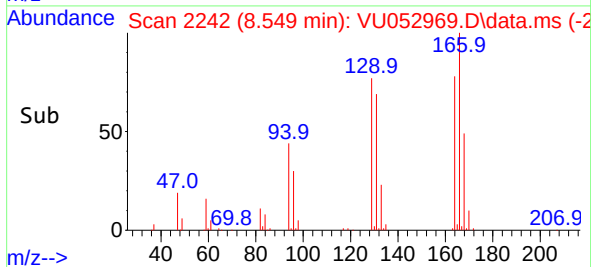
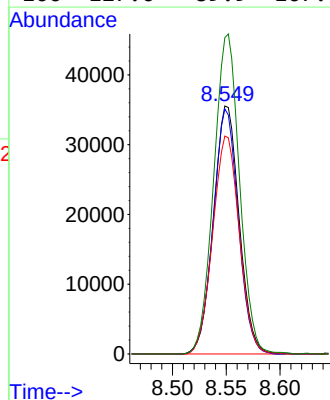
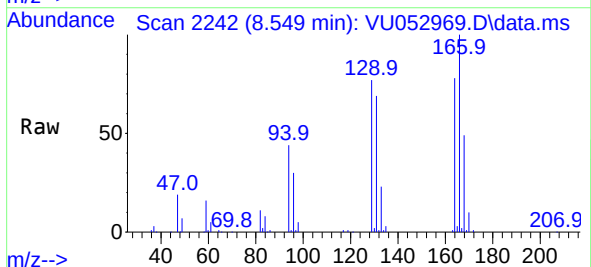
Ion	Ratio	Lower	Upper
97	100		
99	59.6	44.8	83.2
83	81.6	65.3	121.3
85	52.7	42.6	79.0

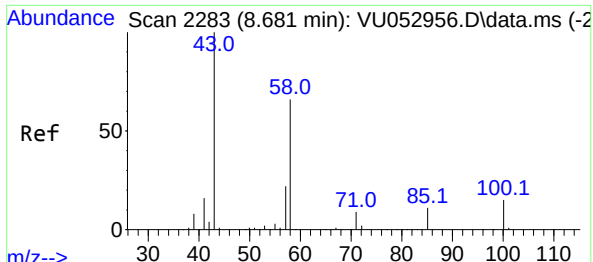


#47
Tetrachloroethene
Concen: 5.917 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 164 Resp: 59074

Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.8	133.4
131	87.9	66.6	123.6
166	127.6	89.9	167.0



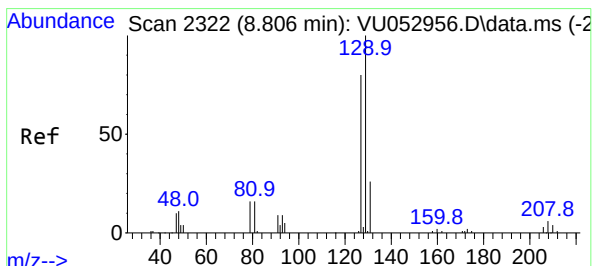
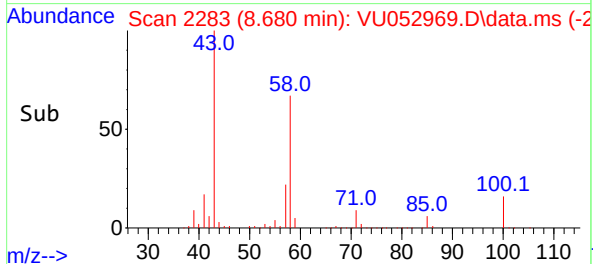
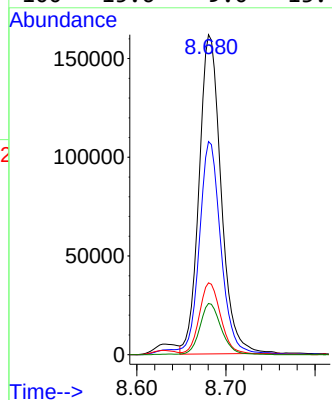
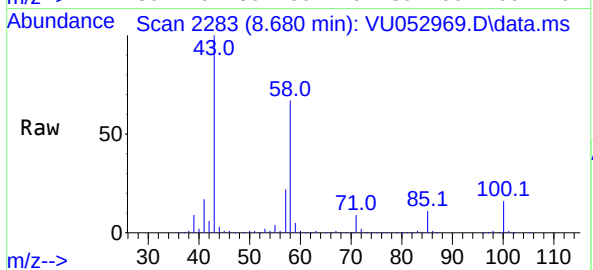


#48
2-Hexanone
Concen: 43.114 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

Tgt Ion: 43 Resp: 277541

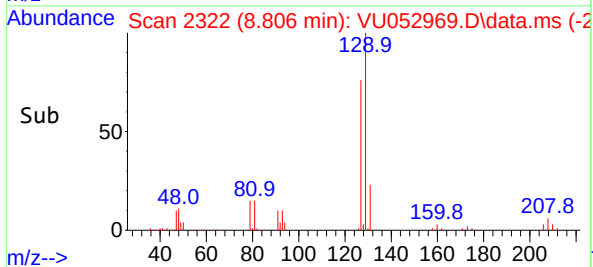
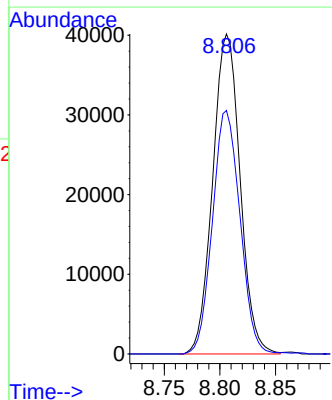
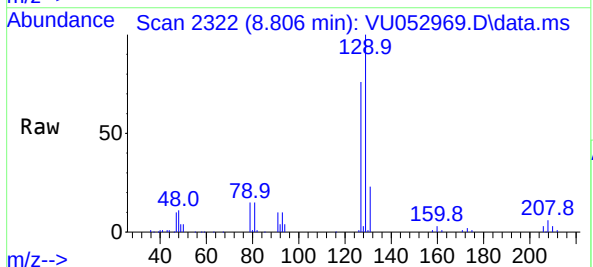
Ion	Ratio	Lower	Upper
43	100		
58	67.2	45.1	67.7
57	22.1	15.1	22.7
100	15.6	9.0	13.4

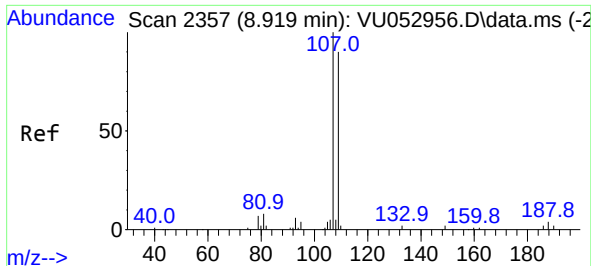


#49
Dibromochloromethane
Concen: 6.158 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 129 Resp: 68841

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.5	99.5

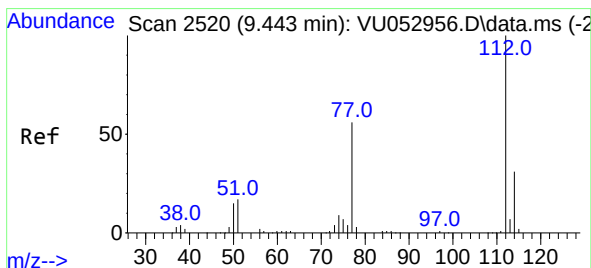
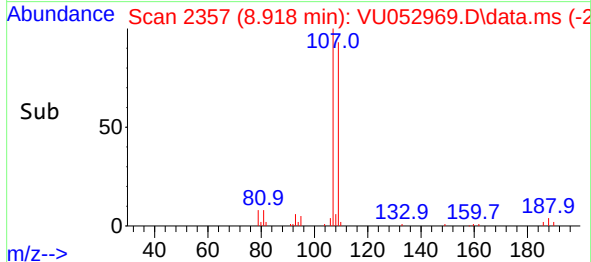
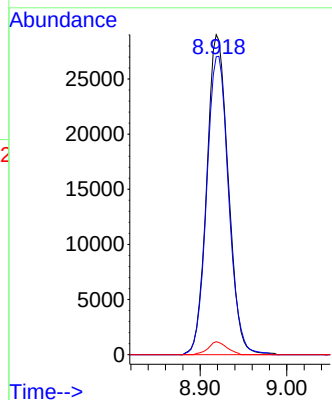
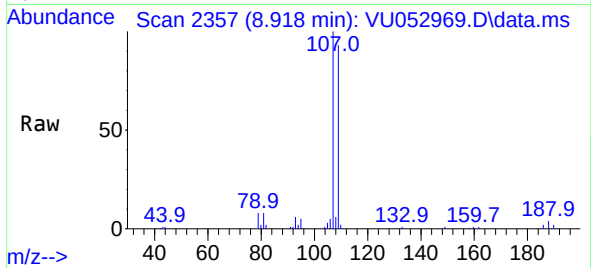




#50
1,2-Dibromoethane
Concen: 5.636 ug/L
RT: 8.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

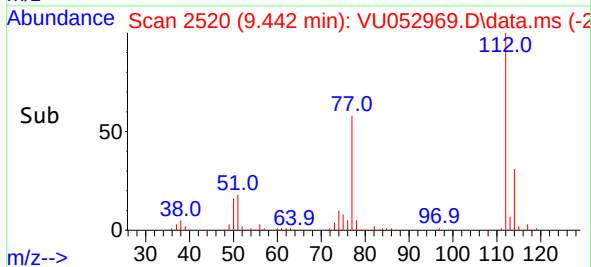
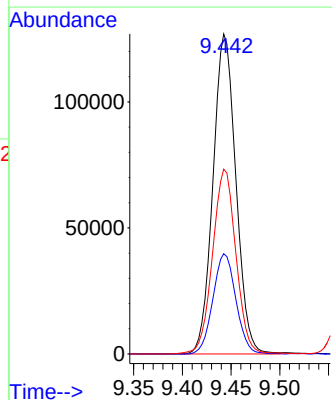
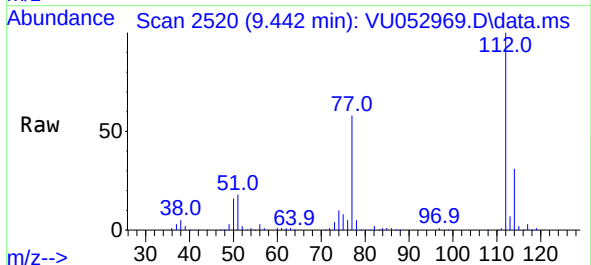
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

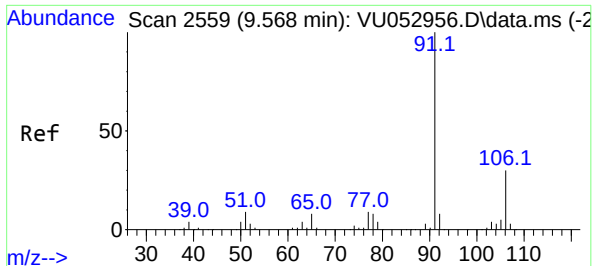
Tgt Ion:107 Resp: 50099
Ion Ratio Lower Upper
107 100
109 93.1 65.3 121.3
188 4.1 2.4 3.6#



#51
Chlorobenzene
Concen: 5.835 ug/L
RT: 9.442 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:112 Resp: 207421
Ion Ratio Lower Upper
112 100
114 31.4 22.8 42.4
77 57.8 50.2 75.4

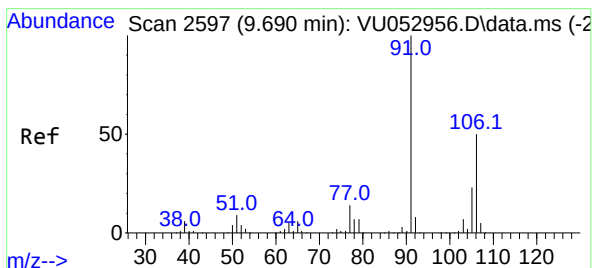
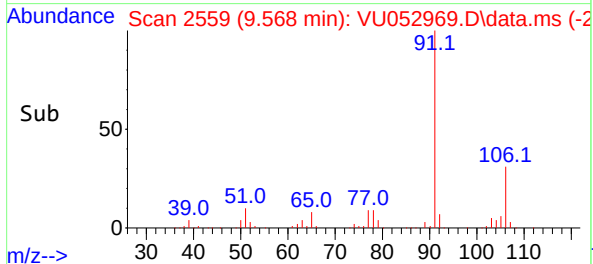
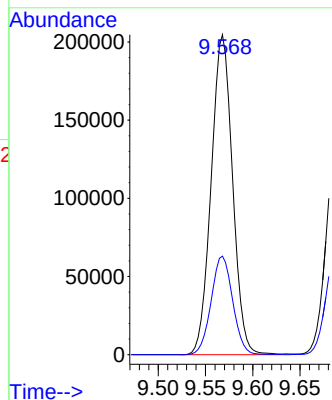
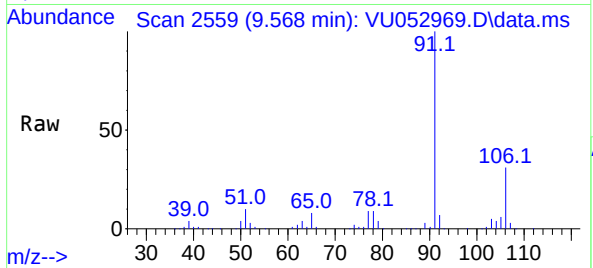




#52
Ethylbenzene
Concen: 5.530 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

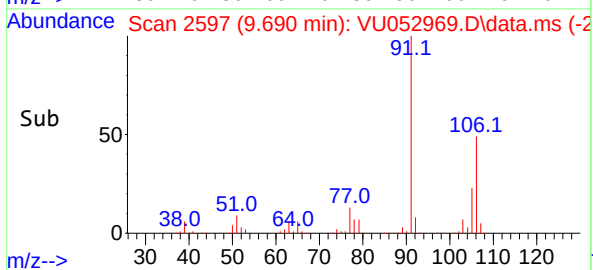
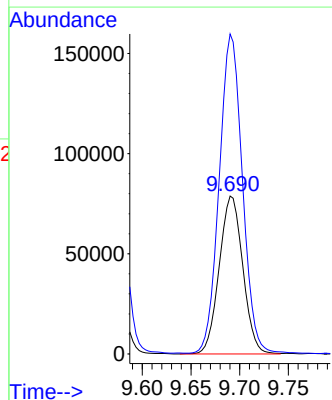
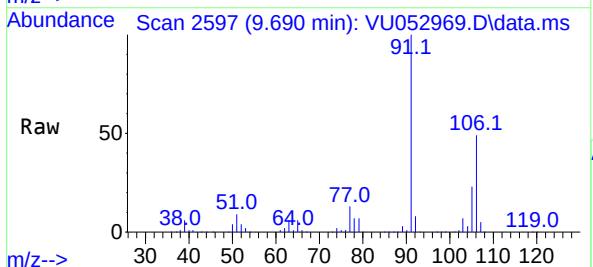
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

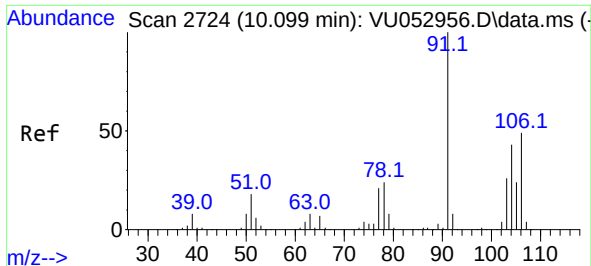
Tgt Ion: 91 Resp: 321435
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.3



#53
m,p-Xylene
Concen: 6.024 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 106 Resp: 132633
Ion Ratio Lower Upper
106 100
91 202.7 144.3 267.9

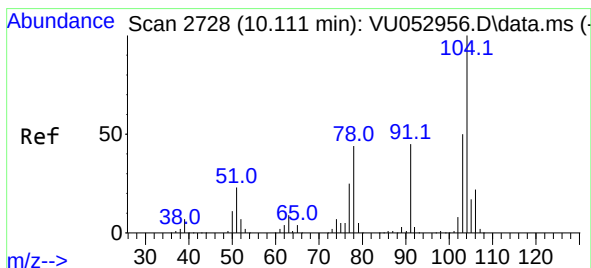
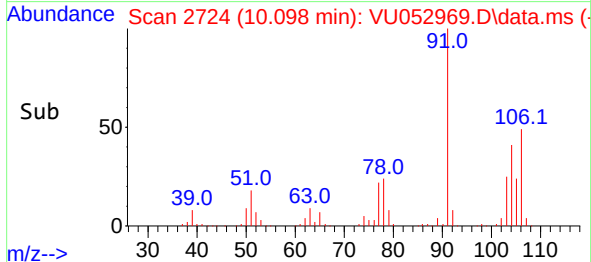
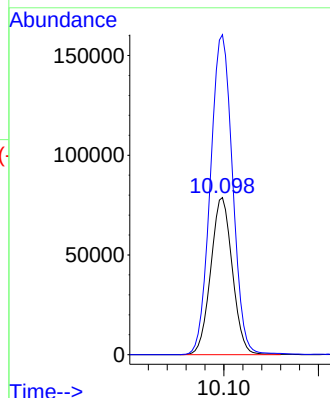
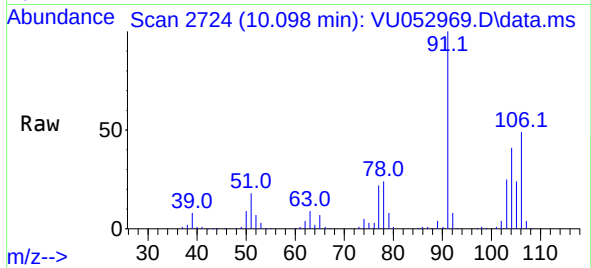




#54
o-Xylene
Concen: 5.931 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

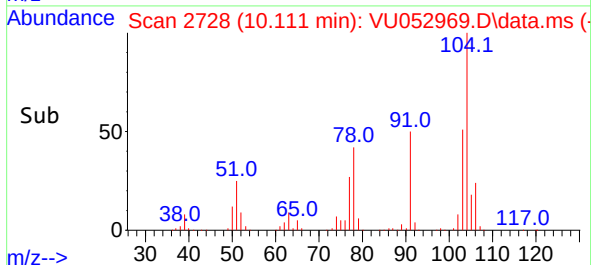
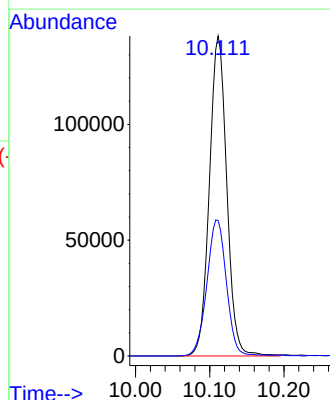
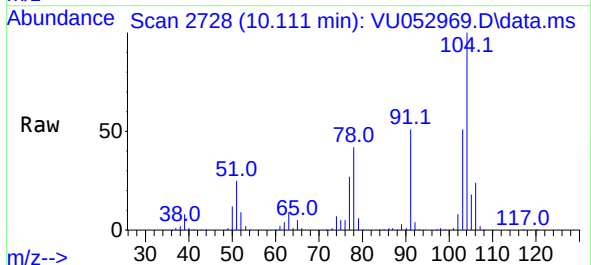
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

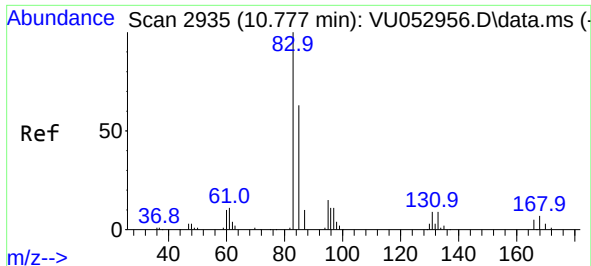
Tgt Ion:106 Resp: 124862
Ion Ratio Lower Upper
106 100
91 203.6 148.7 276.1



#55
Styrene
Concen: 6.250 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:104 Resp: 224447
Ion Ratio Lower Upper
104 100
78 42.4 32.8 60.8

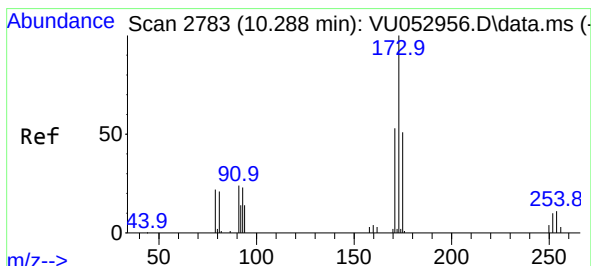
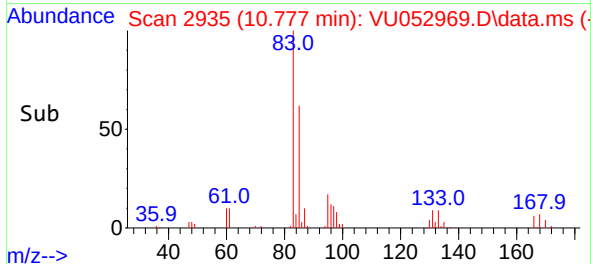
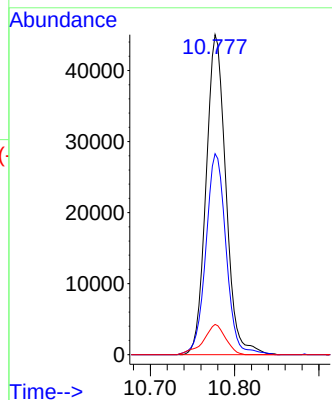
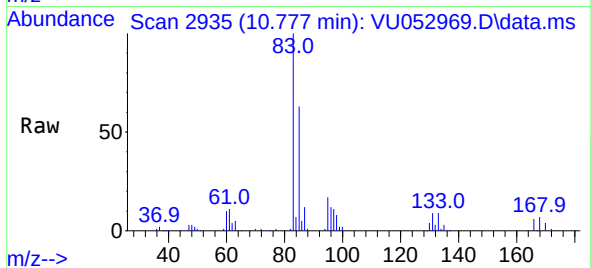




#57
1,1,2,2-Tetrachloroethane
Concen: 5.825 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

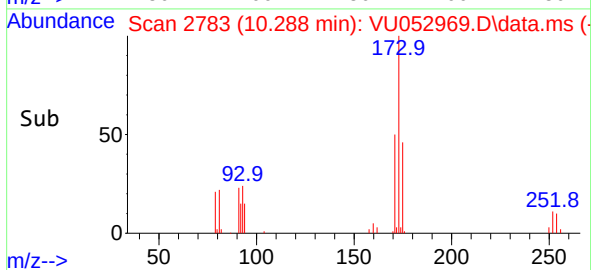
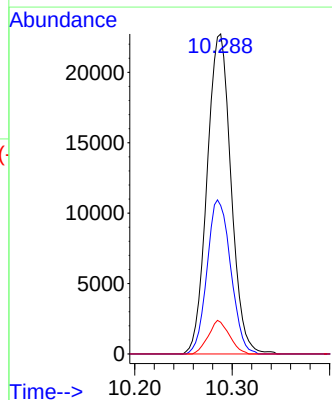
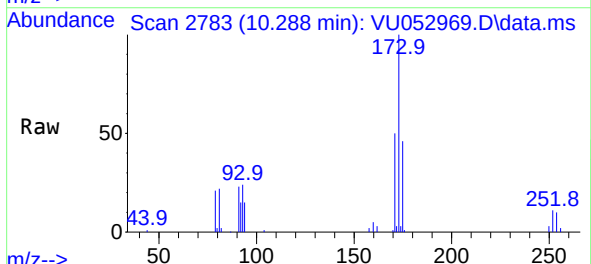
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

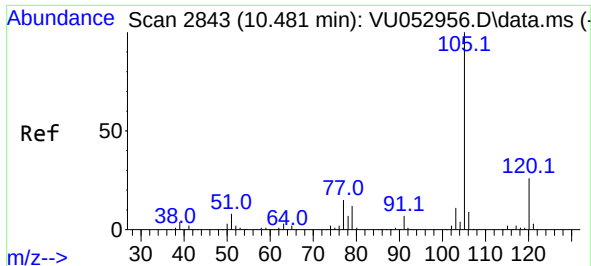
Tgt Ion: 83 Resp: 73577
Ion Ratio Lower Upper
83 100
85 62.8 43.7 81.1
131 9.4 7.0 10.6



#59
Bromoform
Concen: 6.146 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:173 Resp: 38801
Ion Ratio Lower Upper
173 100
175 47.6 38.2 57.4
254 9.2 7.3 10.9

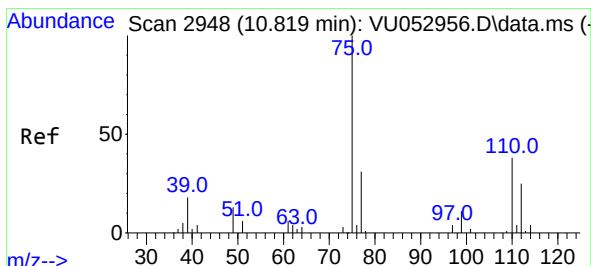
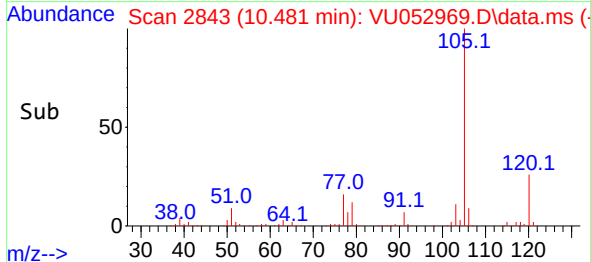
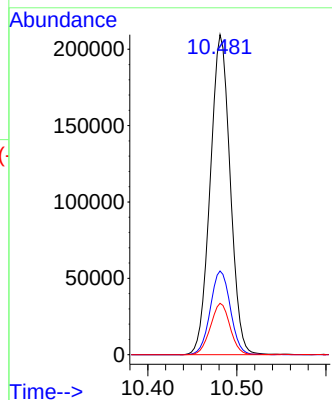
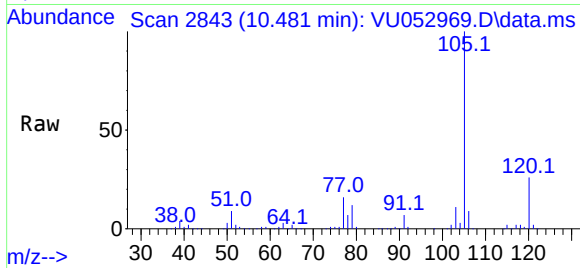




#60
Isopropylbenzene
Concen: 5.661 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

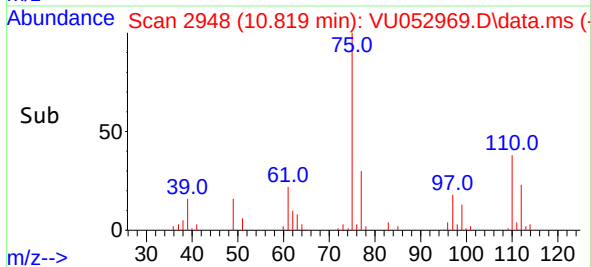
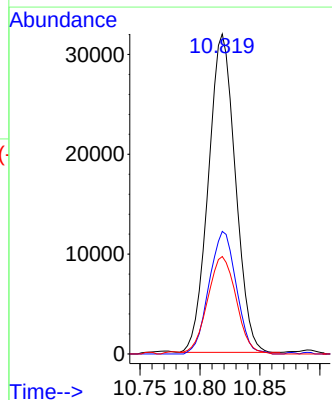
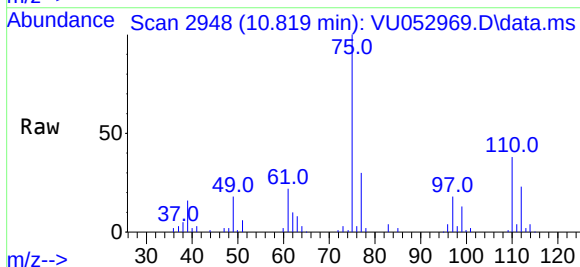
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

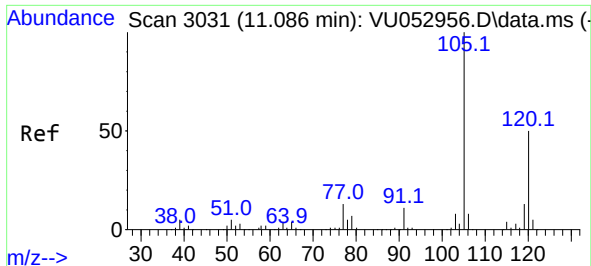
Tgt Ion:105 Resp: 325797
Ion Ratio Lower Upper
105 100
120 26.4 20.4 30.6
77 15.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.291 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion: 75 Resp: 49929
Ion Ratio Lower Upper
75 100
110 38.8 27.2 40.8
77 32.5 24.0 36.0

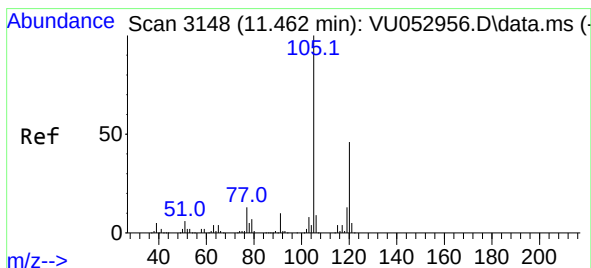
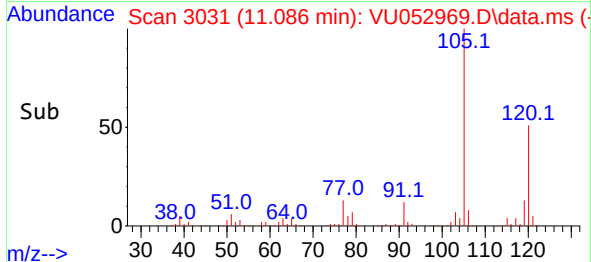
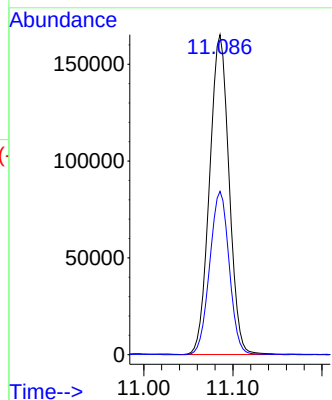
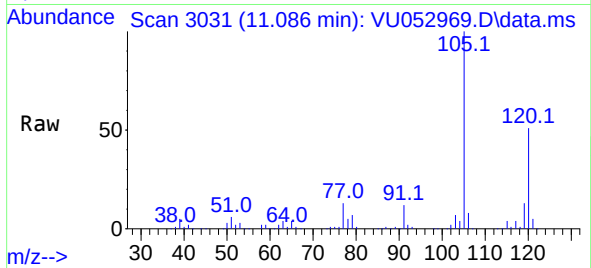




#62
1,3,5-Trimethylbenzene
Concen: 5.471 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

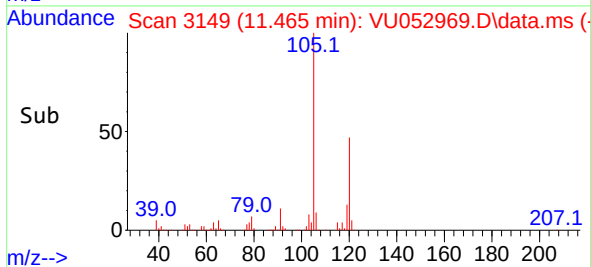
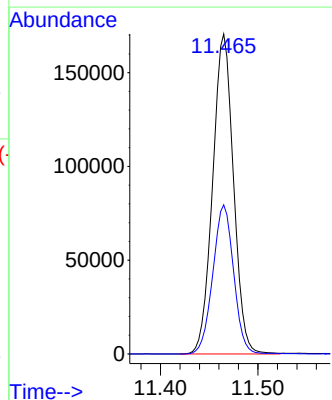
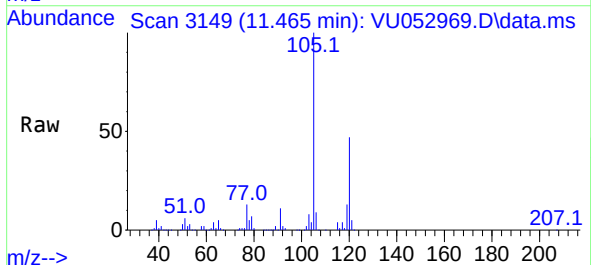
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

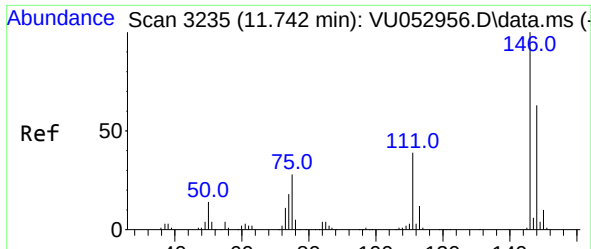
Tgt Ion:105 Resp: 251124
Ion Ratio Lower Upper
105 100
120 51.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 5.483 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:105 Resp: 253514
Ion Ratio Lower Upper
105 100
120 46.7 35.9 53.9

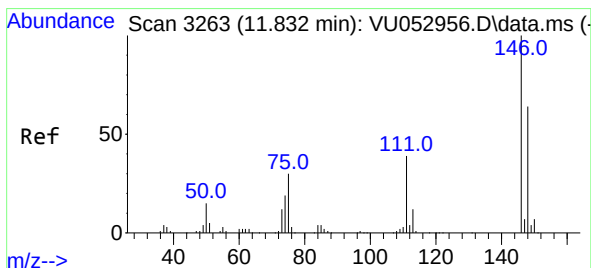
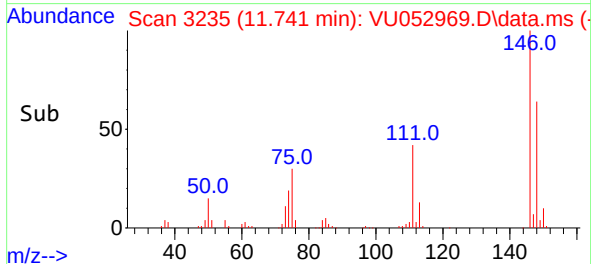
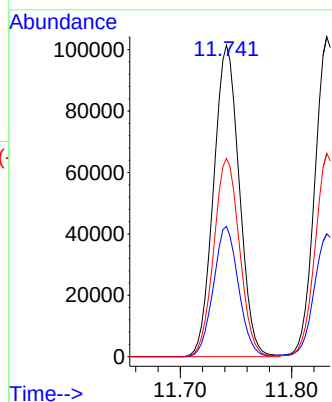
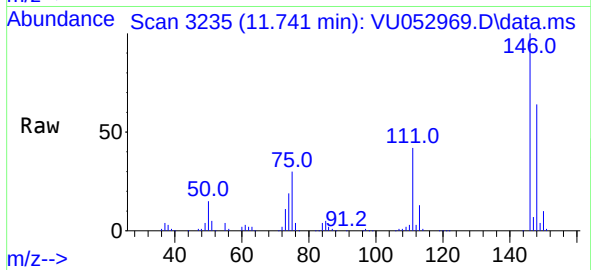




#64
1,3-Dichlorobenzene
Concen: 5.933 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

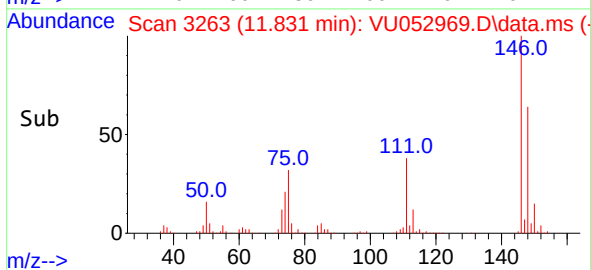
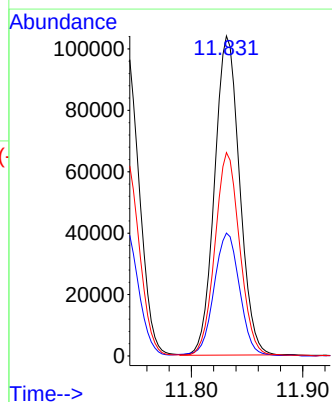
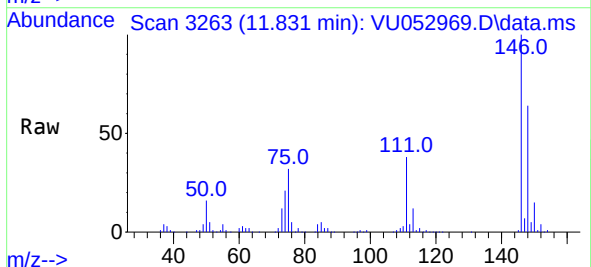
Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

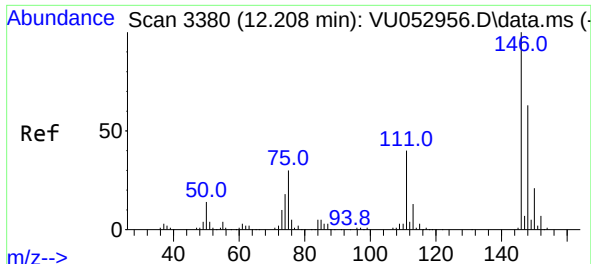
Tgt Ion:146 Resp: 162416
Ion Ratio Lower Upper
146 100
111 41.9 29.4 54.6
148 63.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.811 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:146 Resp: 162274
Ion Ratio Lower Upper
146 100
111 38.4 28.1 52.3
148 63.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.782 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD005134

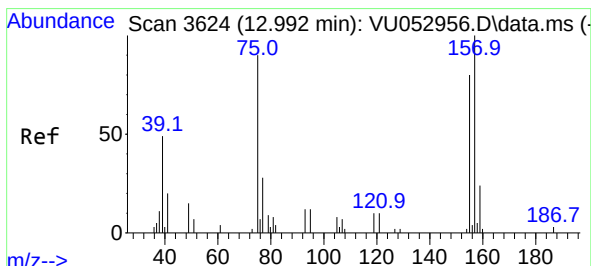
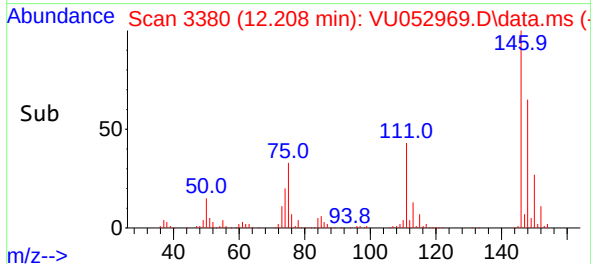
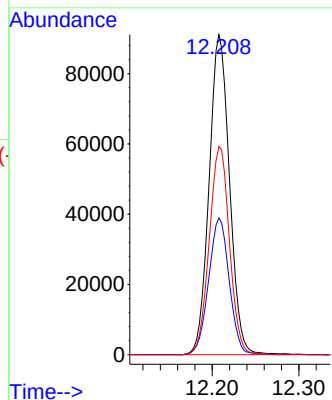
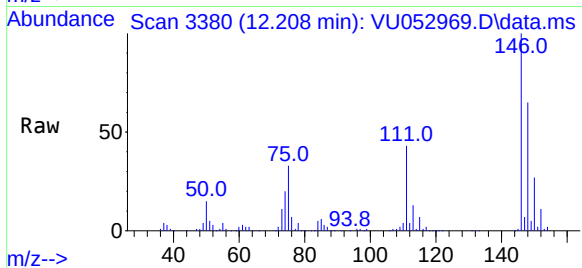
Tgt Ion:146 Resp: 148949

Ion Ratio Lower Upper

146 100

111 42.8 33.8 50.6

148 65.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.639 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

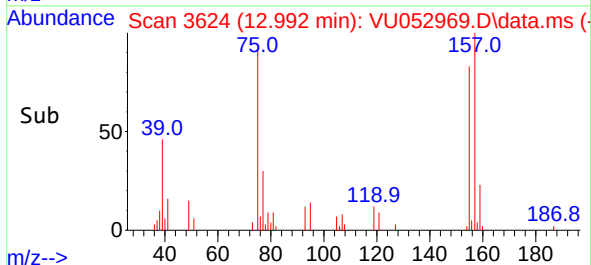
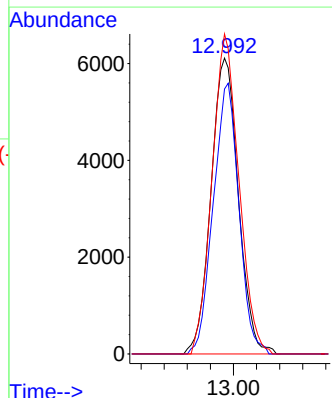
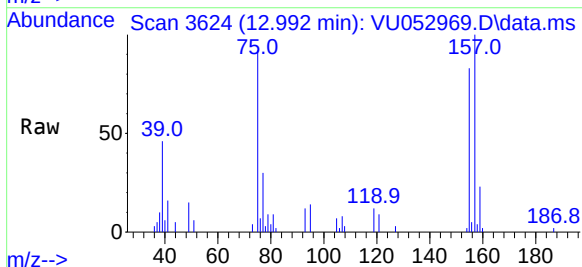
Tgt Ion: 75 Resp: 10096

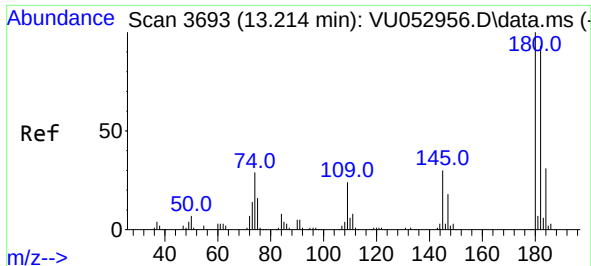
Ion Ratio Lower Upper

75 100

155 89.6 48.0 72.0#

157 108.1 69.3 103.9#





#69

1,3,5-Trichlorobenzene

Concen: 5.496 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD005134

Tgt Ion:180 Resp: 111754

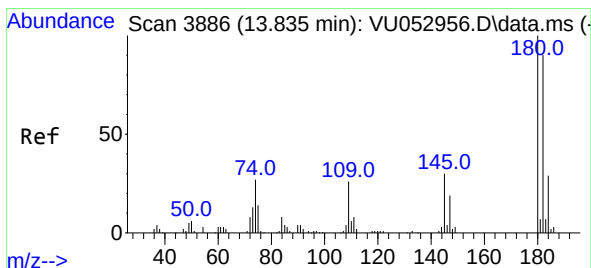
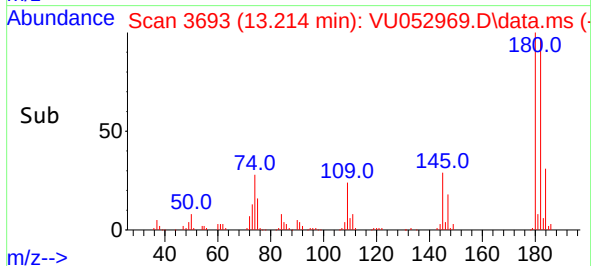
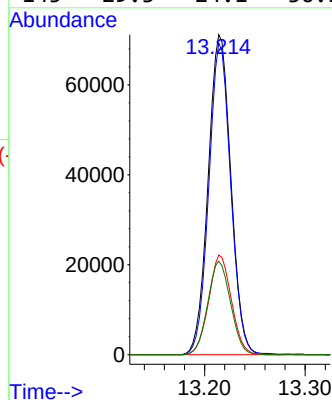
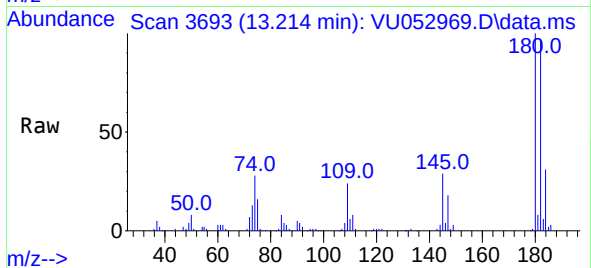
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

184 31.1 23.6 35.4

145 29.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.087 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052969.D

Acq: 06 Feb 2023 09:23

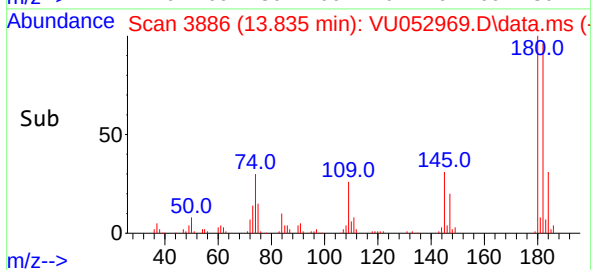
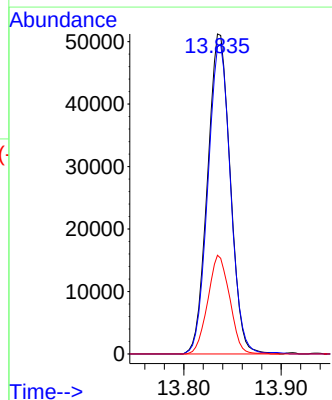
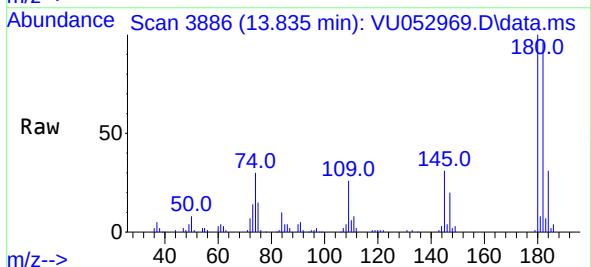
Tgt Ion:180 Resp: 82956

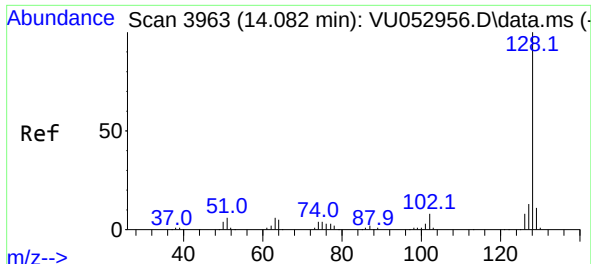
Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

145 29.6 25.3 37.9



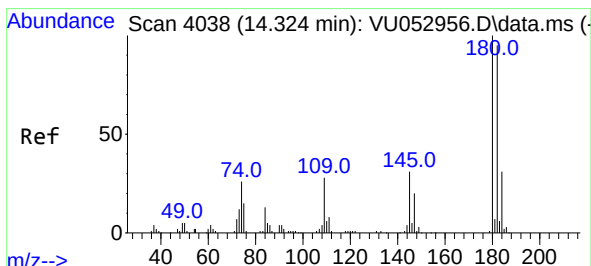
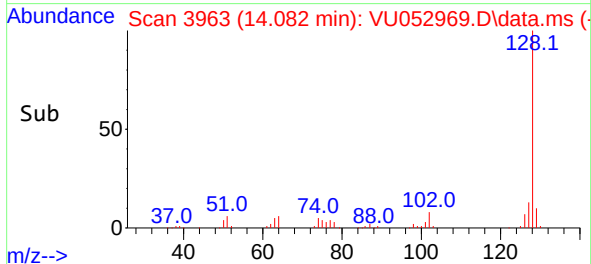
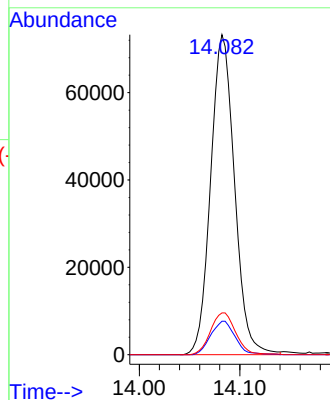
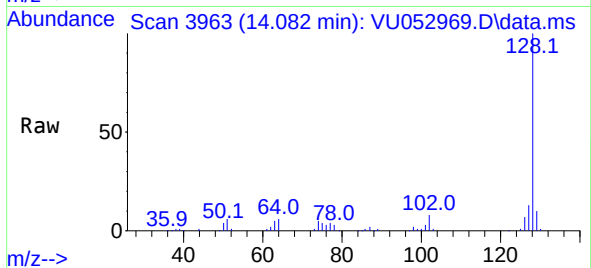


#71
Naphthalene
Concen: 4.274 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005134

Tgt Ion:128 Resp: 121007

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.8	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.382 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052969.D
Acq: 06 Feb 2023 09:23

Tgt Ion:180 Resp: 80409

Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	33.6	26.5	39.7

