

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052711.D
 Acq On : 16 Jan 2023 20:05
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Jan 17 05:35:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	83697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	84666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	47326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	20132	2.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.800%
7) Chloroethane-d5	1.916	69	21547	3.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.565	65	11831	3.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.639	46	148007	75.281	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.560%#
24) Chloroform-d	5.060	84	71238	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	42378	6.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.723	84	126024	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.687	67	44721	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.896	98	113116	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.176	79	18661	5.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.632	63	109665	77.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	155.260%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48845	6.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	139.600%#
66) 1,2-Dichlorobenzene-d4	12.188	152	44742	5.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43759	4.867	ug/L	99
3) Chloromethane	1.520	50	40027	3.665	ug/L	98
5) Vinyl chloride	1.604	62	40638	3.890	ug/L	99
6) Bromomethane	1.858	94	14646	2.701	ug/L	94
8) Chloroethane	1.935	64	28071	4.419	ug/L	96
9) Trichlorofluoromethane	2.141	101	60943	4.948	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	36992	5.105	ug/L	97
12) 1,1-Dichloroethene	2.578	96	34501	4.754	ug/L	92
13) Acetone	2.665	43	91171	64.658	ug/L	99
14) Carbon disulfide	2.793	76	119895	4.781	ug/L	98
15) Methyl Acetate	2.957	43	23277	6.886	ug/L	94
16) Methylene chloride	3.044	84	53296	5.519	ug/L	90
17) Methyl tert-butyl Ether	3.362	73	102700	6.396	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	38701	5.229	ug/L	93
19) 1,1-Dichloroethane	3.867	63	75524	4.915	ug/L	98
21) 2-Butanone	4.719	43	157397	69.342	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	44012	5.538	ug/L	90
23) Bromochloromethane	4.973	128	22012	6.543	ug/L	81
25) Chloroform	5.083	83	79464	5.260	ug/L	98

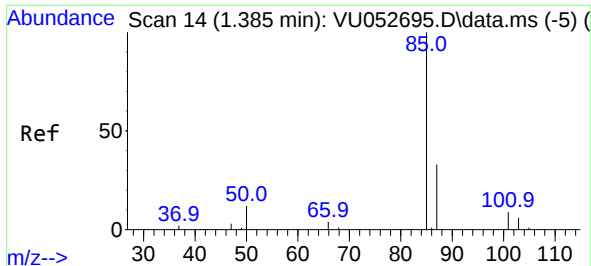
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	58063	6.342	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	63998	4.818	ug/L	97
30) Cyclohexane	5.385	56	58373	4.367	ug/L	96
31) Carbon tetrachloride	5.520	117	55415	5.324	ug/L	96
33) Benzene	5.771	78	172829	5.158	ug/L	100
34) Trichloroethene	6.539	95	38970	4.916	ug/L	96
35) Methylcyclohexane	6.761	83	58815	4.493	ug/L	95
37) 1,2-Dichloropropane	6.787	63	46304	5.149	ug/L	99
38) Bromodichloromethane	7.102	83	59200	5.591	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	60552	5.304	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	354812	68.982	ug/L	97
42) Toluene	7.967	91	177063	5.304	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	57589	5.844	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	36376	6.431	ug/L	94
47) Tetrachloroethene	8.549	164	31040	5.315	ug/L	96
48) 2-Hexanone	8.681	43	270296	71.773	ug/L	97
49) Dibromochloromethane	8.806	129	41186	6.298	ug/L	93
50) 1,2-Dibromoethane	8.919	107	34403	6.616	ug/L #	96
51) Chlorobenzene	9.443	112	107922	5.190	ug/L	97
52) Ethylbenzene	9.565	91	166908	4.909	ug/L	99
53) m,p-Xylene	9.690	106	67262	5.222	ug/L	99
54) o-Xylene	10.095	106	63018	5.117	ug/L	95
55) Styrene	10.111	104	112757	5.367	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	51111	6.917	ug/L	96
59) Bromoform	10.285	173	26042	7.076	ug/L	99
60) Isopropylbenzene	10.481	105	161801	4.823	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	36673	6.667	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	124185	4.642	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	126801	4.705	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	84583	5.301	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	83888	5.153	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	81535	5.430	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	8313	6.553	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.214	180	58322	4.920	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	47887	5.037	ug/L	98
71) Naphthalene	14.082	128	93485	5.665	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	48018	5.514	ug/L	98

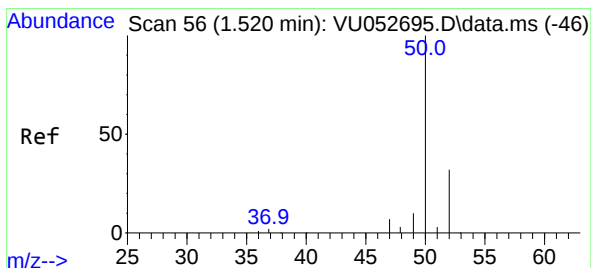
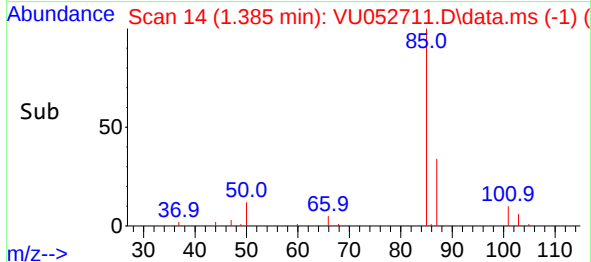
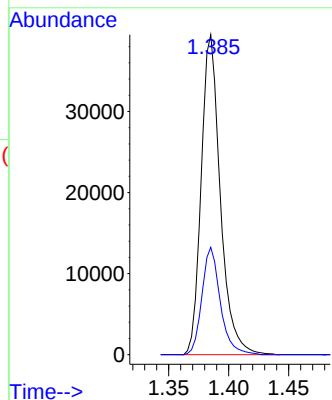
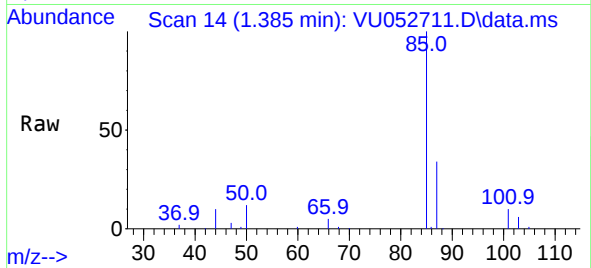
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.867 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

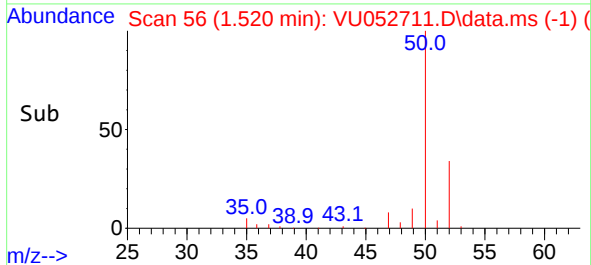
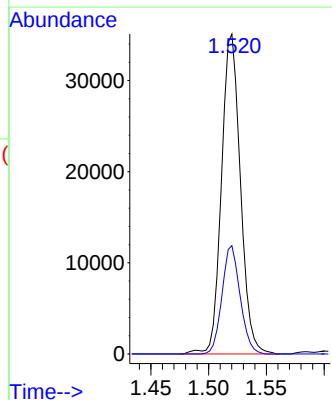
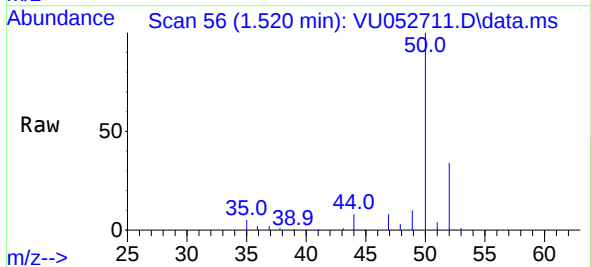
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

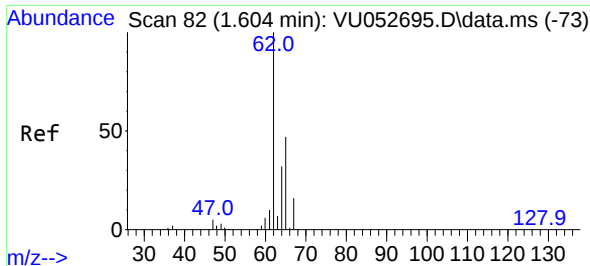
Tgt Ion: 85 Resp: 43759
Ion Ratio Lower Upper
85 100
87 32.3 25.5 38.3



#3
Chloromethane
Concen: 3.665 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 50 Resp: 40027
Ion Ratio Lower Upper
50 100
52 33.9 22.7 42.3

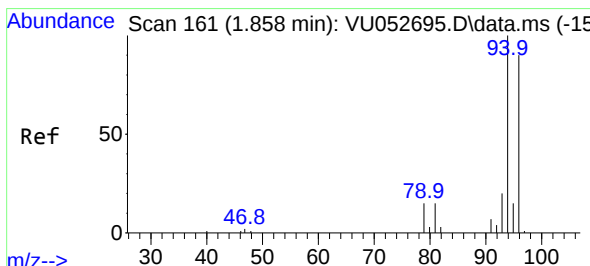
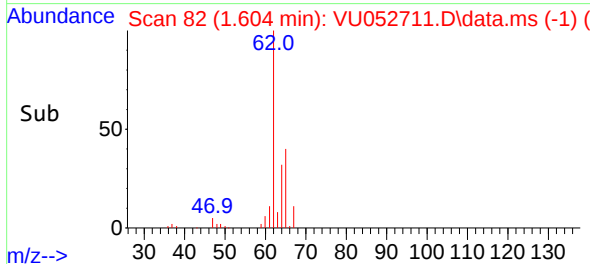
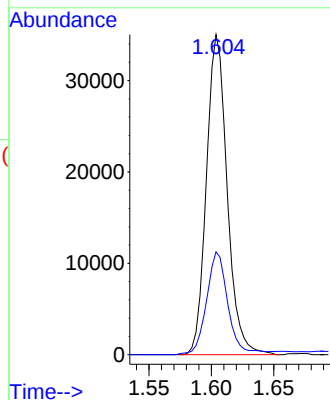
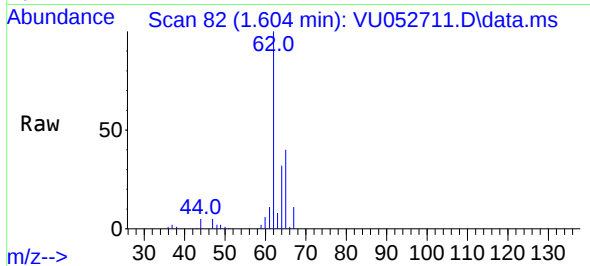




#5
 Vinyl chloride
 Concen: 3.890 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU052711.D
 Acq: 16 Jan 2023 20:05

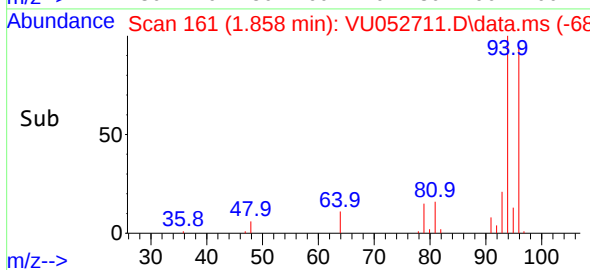
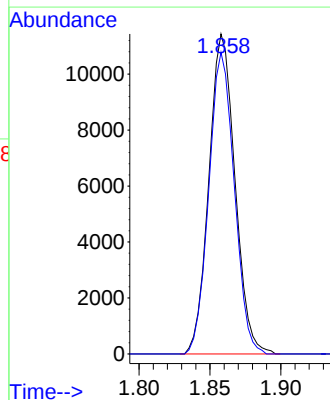
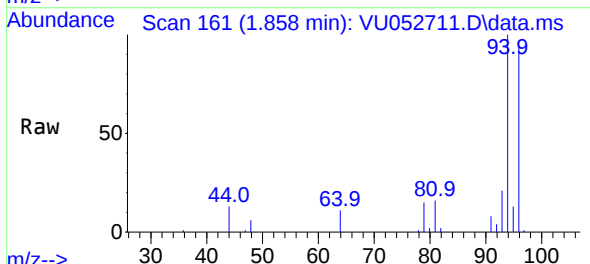
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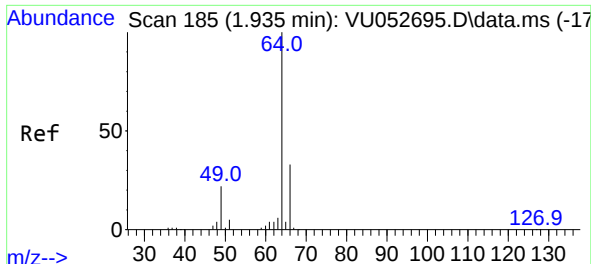
Tgt Ion: 62 Resp: 40638
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.3



#6
 Bromomethane
 Concen: 2.701 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU052711.D
 Acq: 16 Jan 2023 20:05

Tgt Ion: 94 Resp: 14646
 Ion Ratio Lower Upper
 94 100
 96 94.2 62.2 115.6

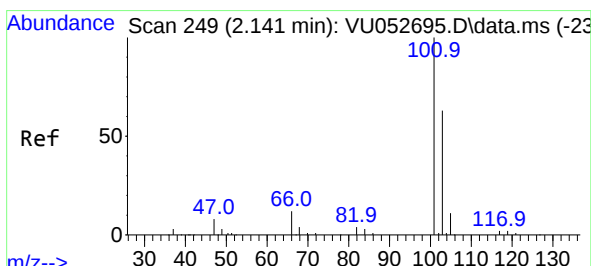
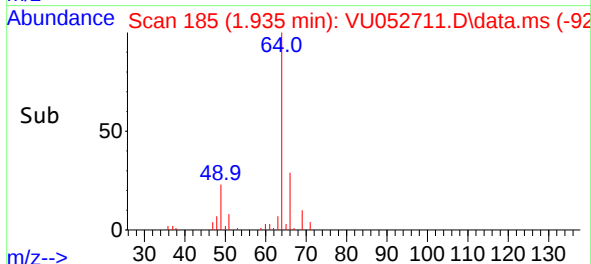
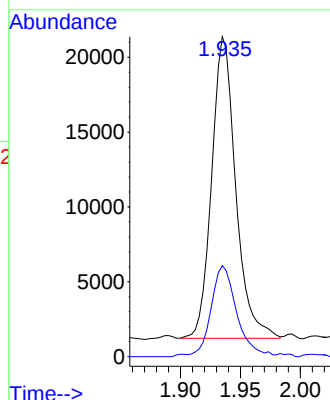
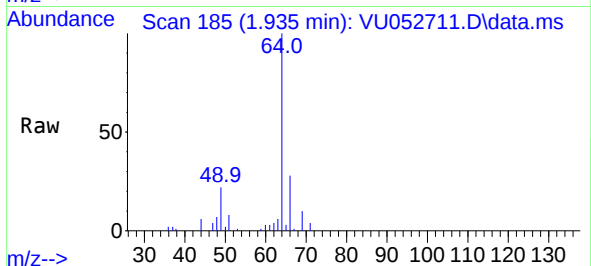




#8
Chloroethane
Concen: 4.419 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

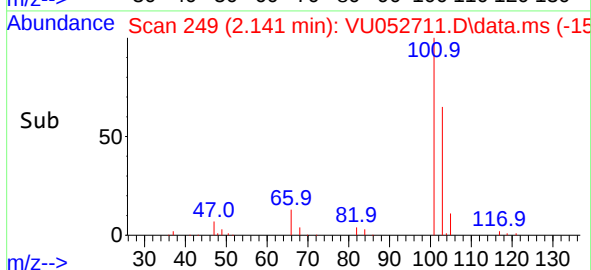
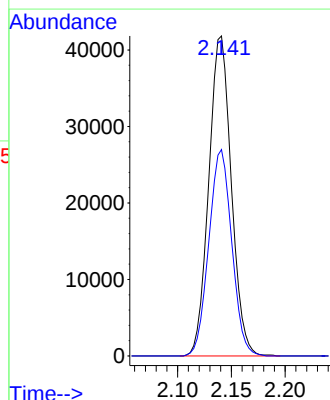
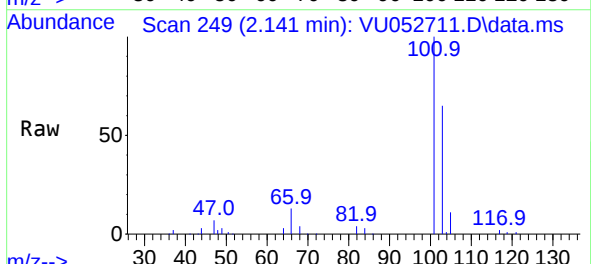
Instrument :
MSVOA_U
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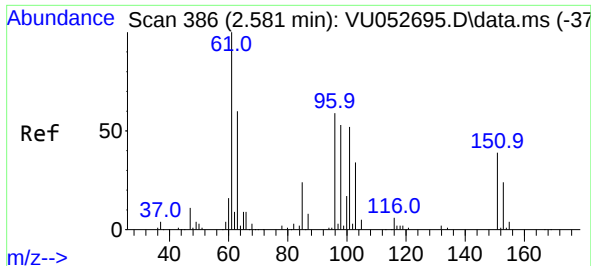
Tgt Ion: 64 Resp: 28071
Ion Ratio Lower Upper
64 100
66 28.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.948 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:101 Resp: 60943
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6

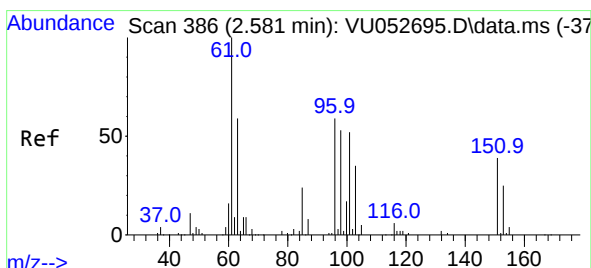
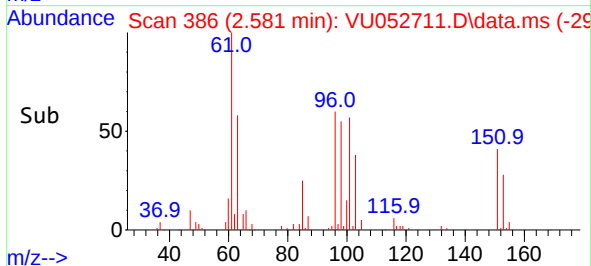
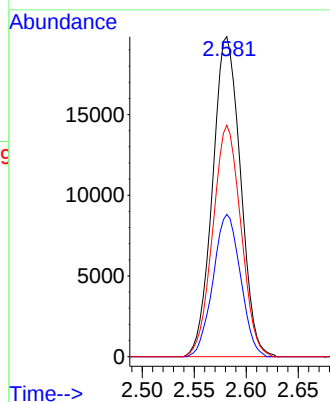
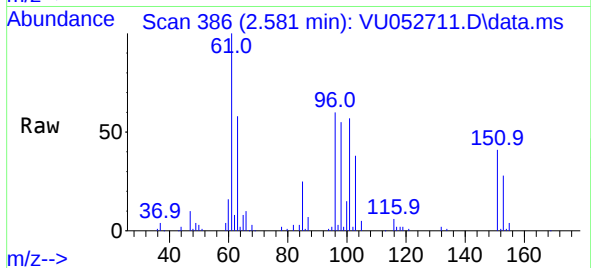




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.105 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052711.D
 Acq: 16 Jan 2023 20:05

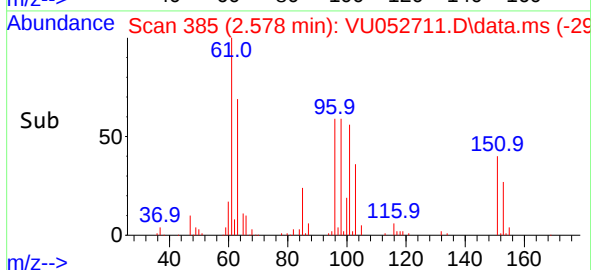
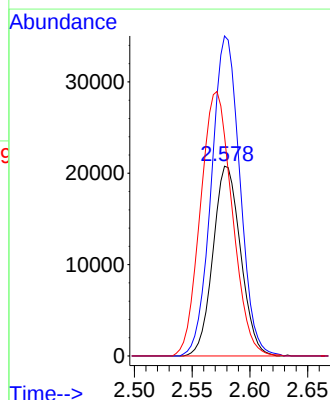
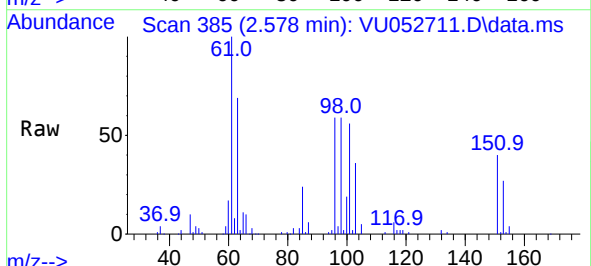
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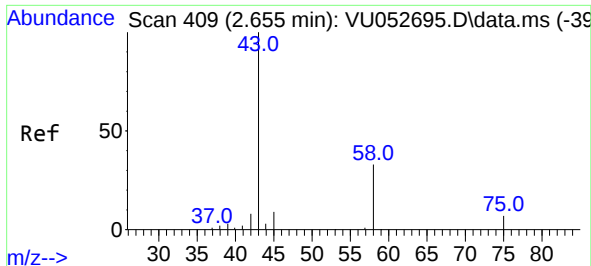
Tgt Ion:101 Resp: 36992
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.0 52.6
 151 73.1 55.0 82.6



#12
 1,1-Dichloroethene
 Concen: 4.754 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052711.D
 Acq: 16 Jan 2023 20:05

Tgt Ion: 96 Resp: 34501
 Ion Ratio Lower Upper
 96 100
 61 168.6 129.6 240.8
 63 115.9 83.7 155.5





#13

Acetone

Concen: 64.658 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU052711.D

Acq: 16 Jan 2023 20:05

Instrument :

MSVOA_U

ClientSampleId :

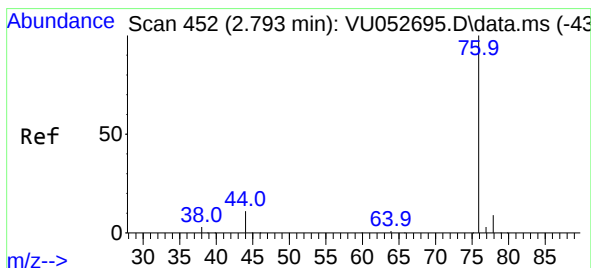
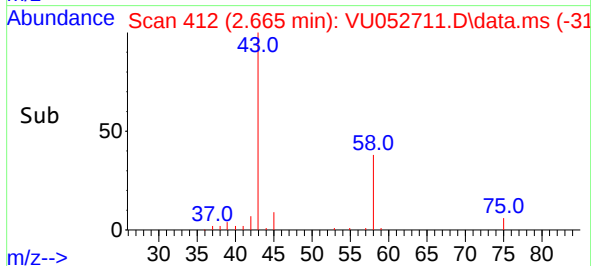
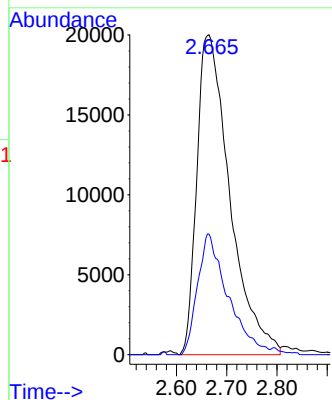
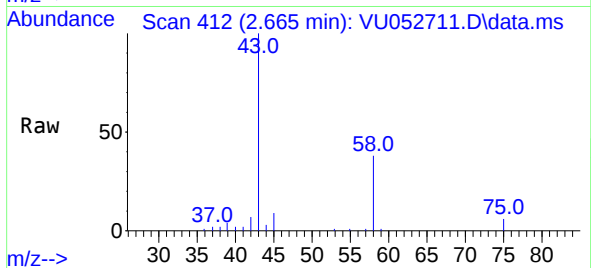
VSTD005127

Tgt Ion: 43 Resp: 91171

Ion Ratio Lower Upper

43 100

58 34.8 0.0 68.8



#14

Carbon disulfide

Concen: 4.781 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052711.D

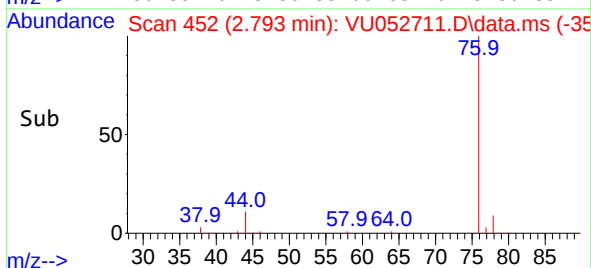
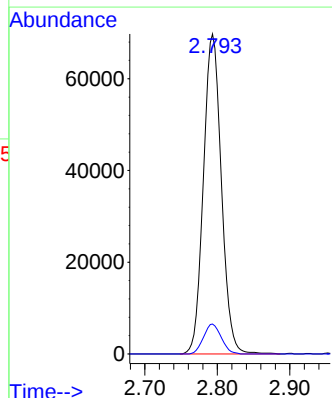
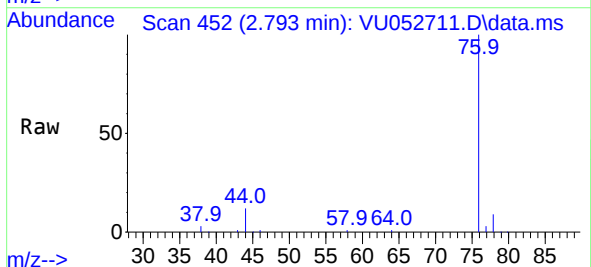
Acq: 16 Jan 2023 20:05

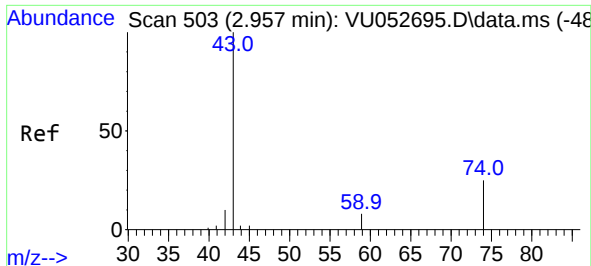
Tgt Ion: 76 Resp: 119895

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

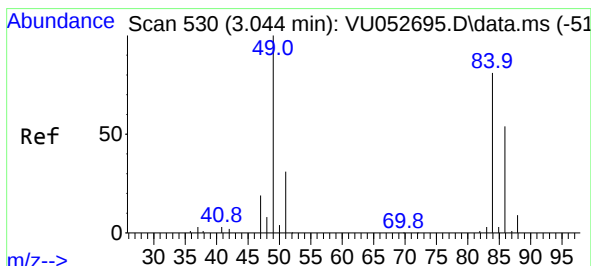
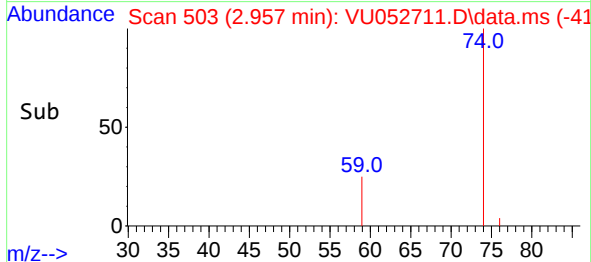
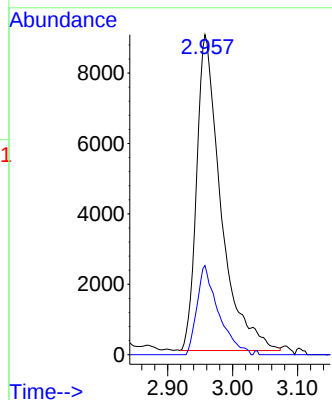
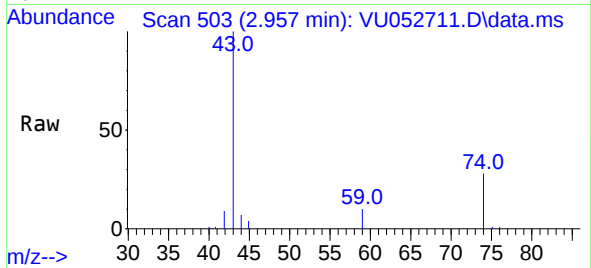




#15
Methyl Acetate
Concen: 6.886 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

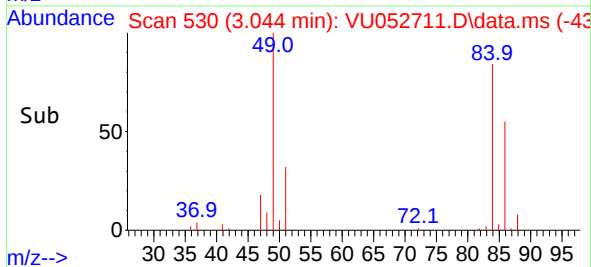
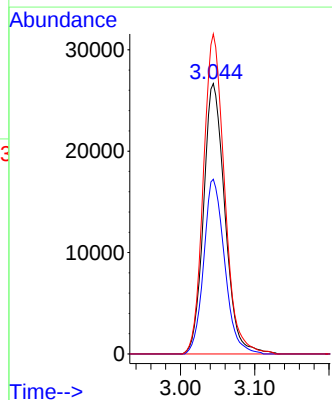
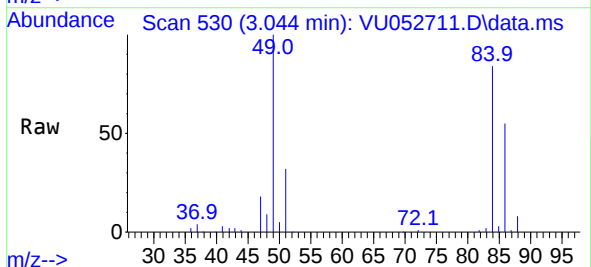
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

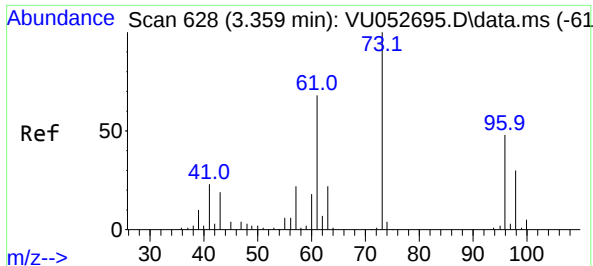
Tgt Ion: 43 Resp: 23277
Ion Ratio Lower Upper
43 100
74 24.9 17.5 26.3



#16
Methylene chloride
Concen: 5.519 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 84 Resp: 53296
Ion Ratio Lower Upper
84 100
86 64.6 45.6 84.6
49 118.4 94.8 176.0

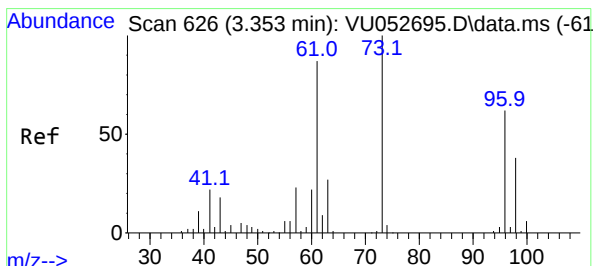
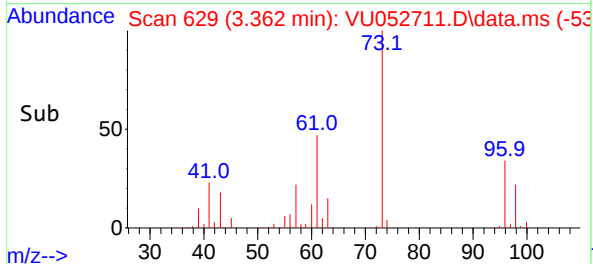
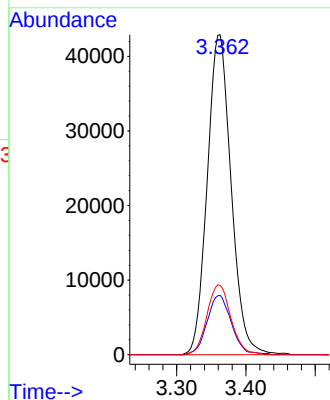
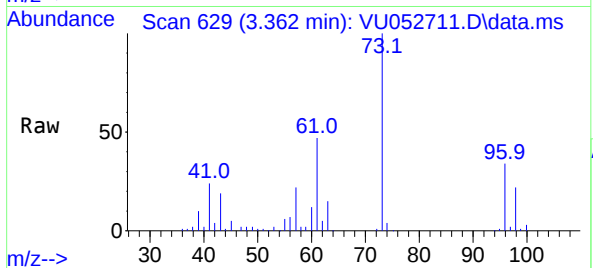




#17
Methyl tert-butyl Ether
Concen: 6.396 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

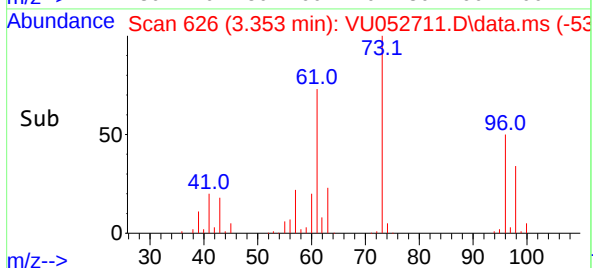
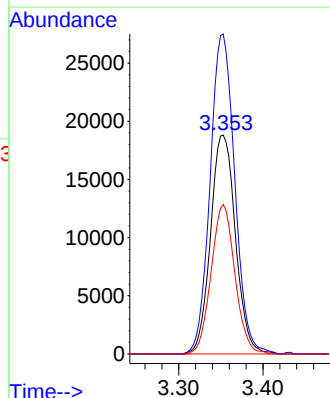
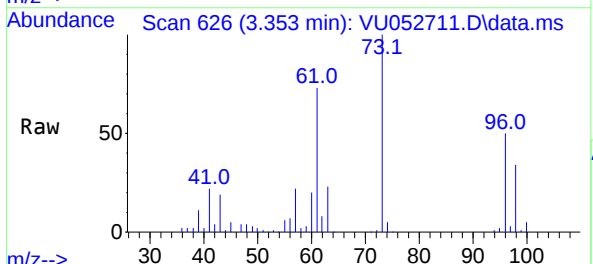
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

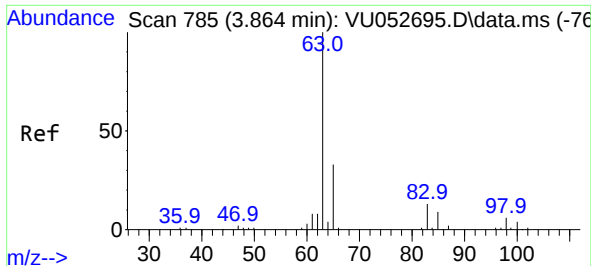
Tgt Ion: 73 Resp: 102700
Ion Ratio Lower Upper
73 100
43 18.9 15.8 23.8
57 21.9 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.229 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 96 Resp: 38701
Ion Ratio Lower Upper
96 100
61 146.2 108.4 201.4
98 68.3 43.8 81.4

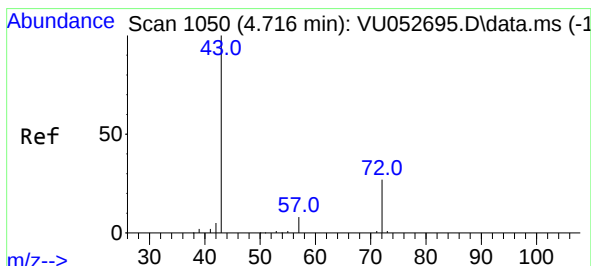
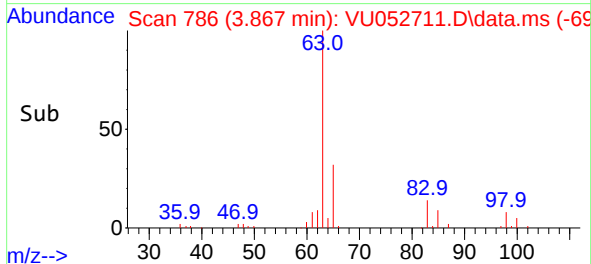
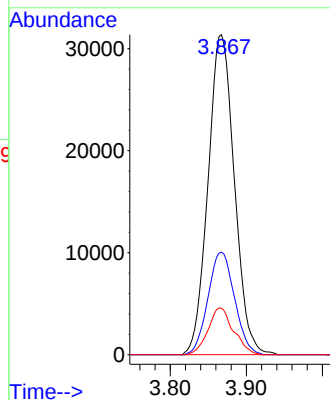
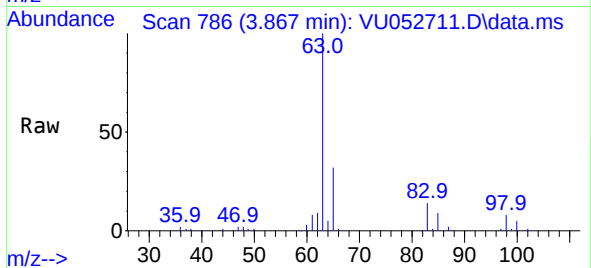




#19
1,1-Dichloroethane
Concen: 4.915 ug/L
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

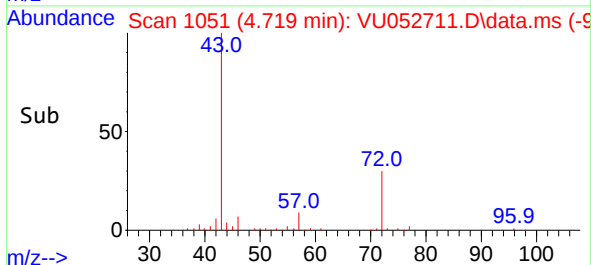
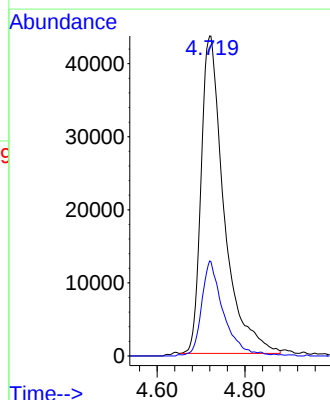
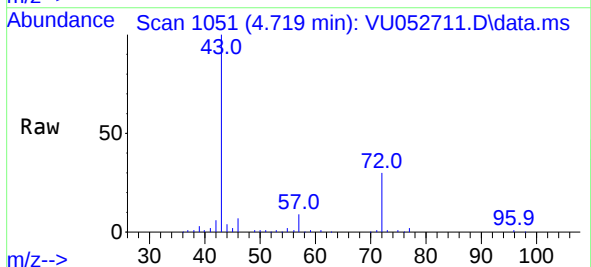
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

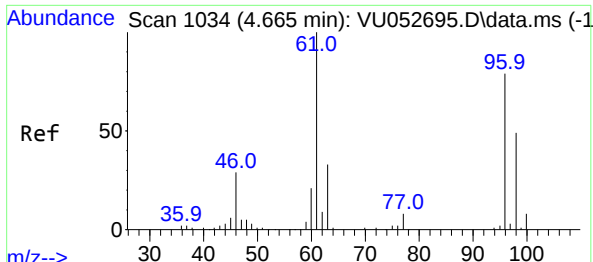
Tgt Ion: 63 Resp: 75524
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 14.5 8.9 16.5



#21
2-Butanone
Concen: 69.342 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 43 Resp: 157397
Ion Ratio Lower Upper
43 100
72 27.0 12.9 38.6



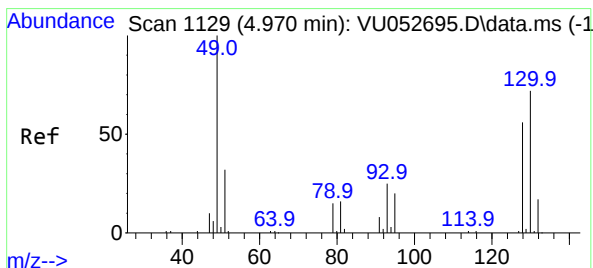
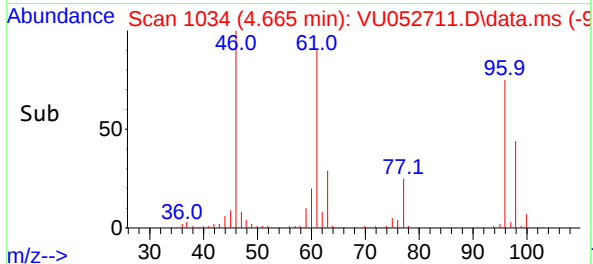
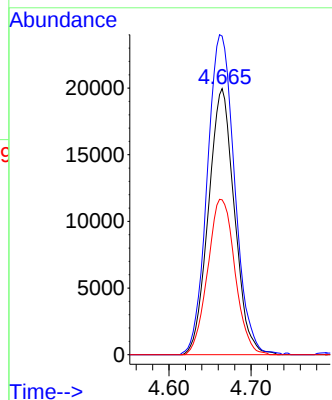
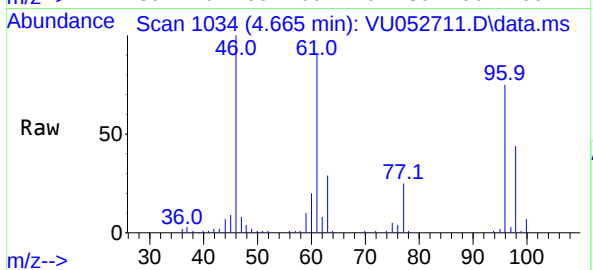


#22
cis-1,2-Dichloroethene
Concen: 5.538 ug/L
RT: 4.665 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion: 96 Resp: 44012

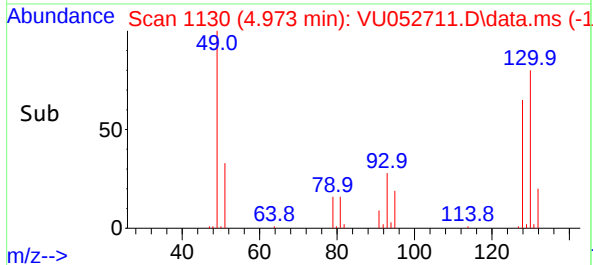
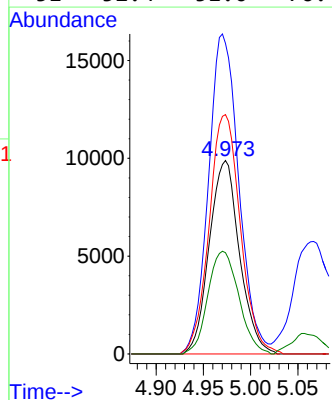
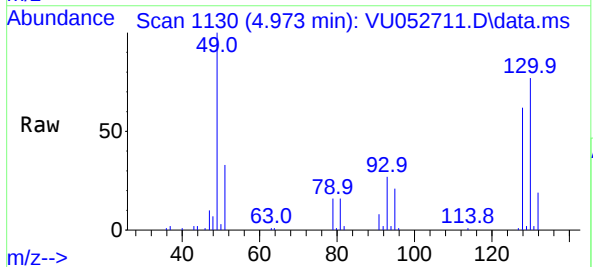
Ion	Ratio	Lower	Upper
96	100		
61	119.7	94.6	175.8
98	58.2	43.3	80.3

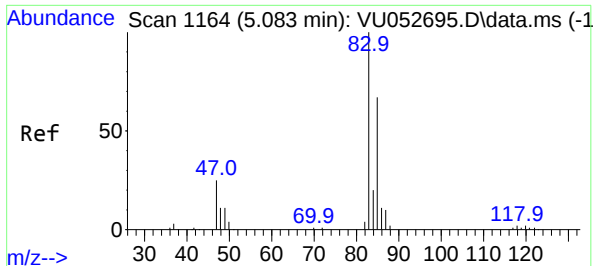


#23
Bromochloromethane
Concen: 6.543 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 128 Resp: 22012

Ion	Ratio	Lower	Upper
128	100		
49	160.5	142.8	265.2
130	123.7	91.3	169.5
51	52.4	51.0	76.4

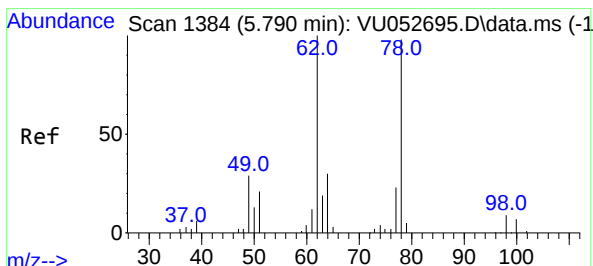
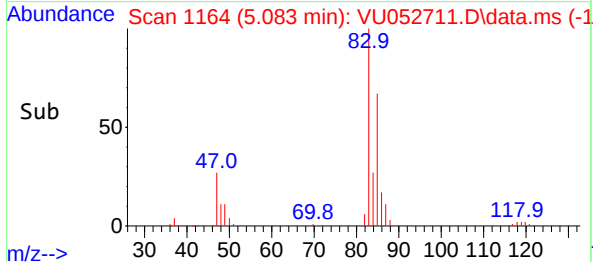
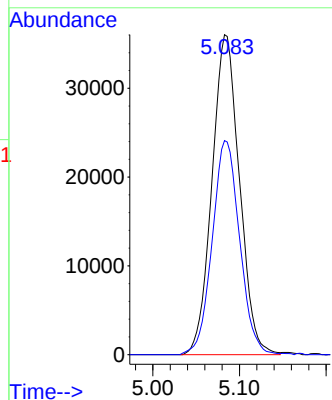
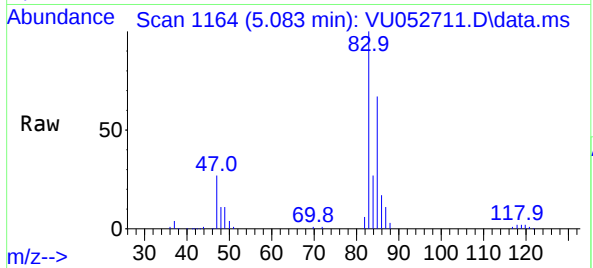




#25
Chloroform
Concen: 5.260 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

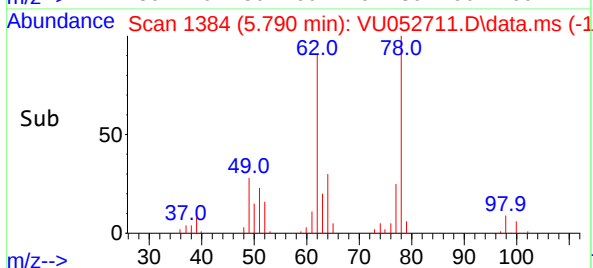
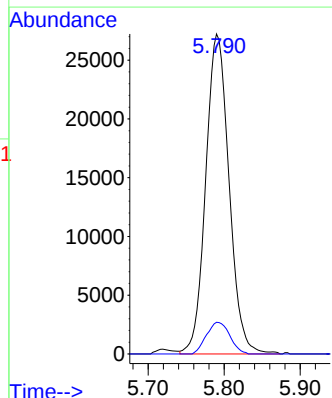
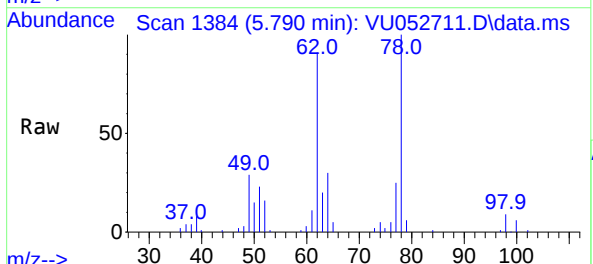
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

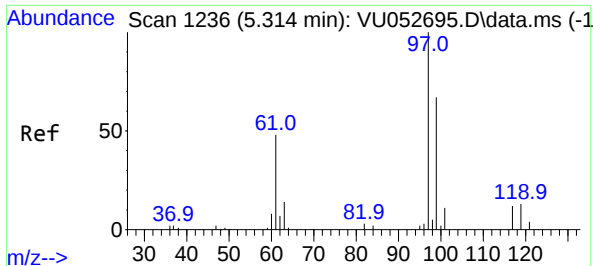
Tgt Ion: 83 Resp: 79464
Ion Ratio Lower Upper
83 100
85 66.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 6.342 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 62 Resp: 58063
Ion Ratio Lower Upper
62 100
98 9.9 7.5 11.3



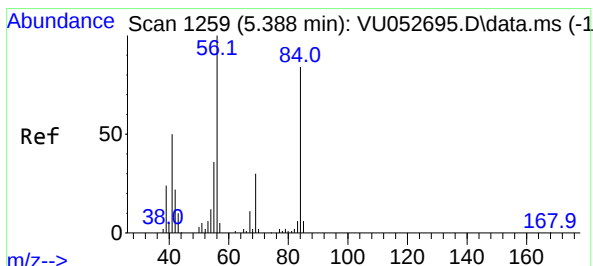
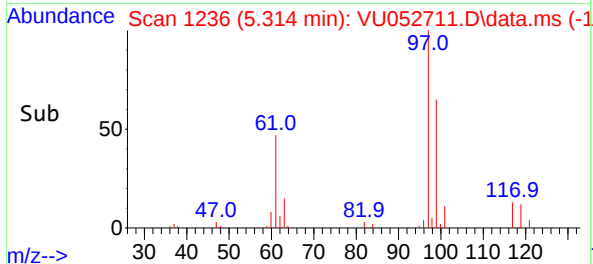
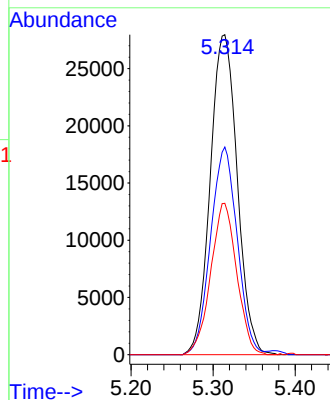
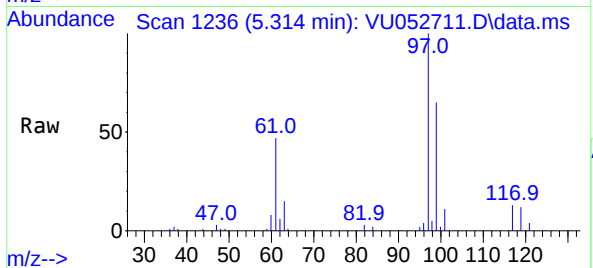


#29
1,1,1-Trichloroethane
Concen: 4.818 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion: 97 Resp: 63998

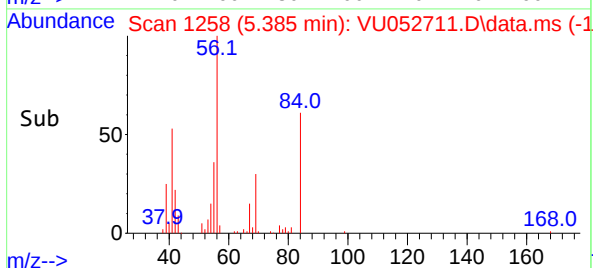
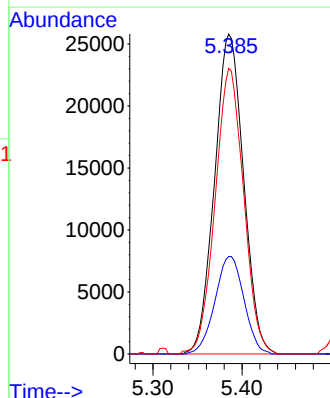
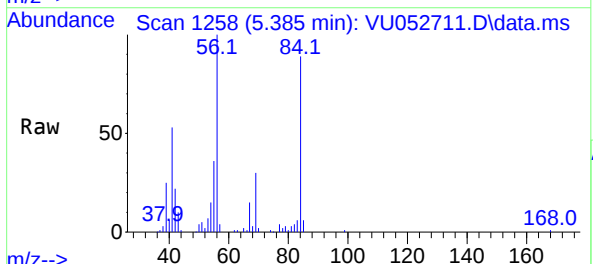
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.4	78.6
61	45.6	38.5	57.7

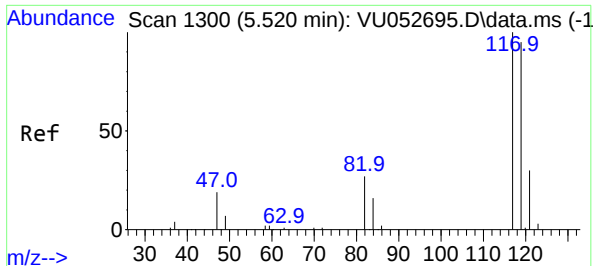


#30
Cyclohexane
Concen: 4.367 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 56 Resp: 58373

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	87.6	66.2	99.4

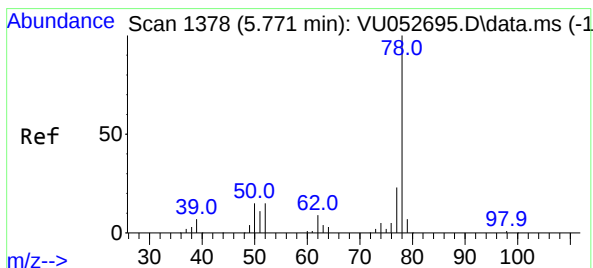
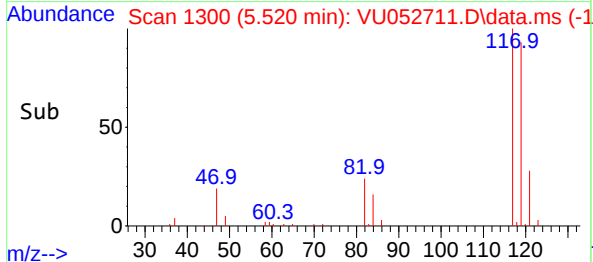
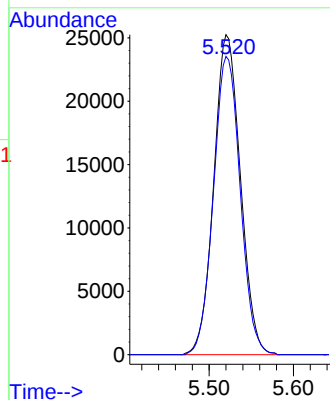
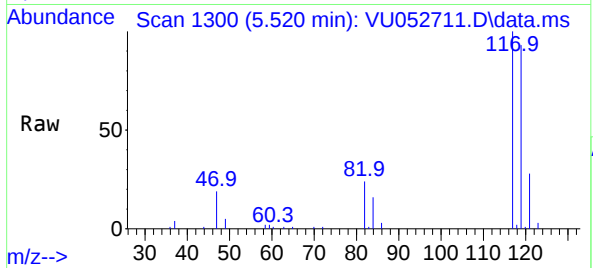




#31
Carbon tetrachloride
Concen: 5.324 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

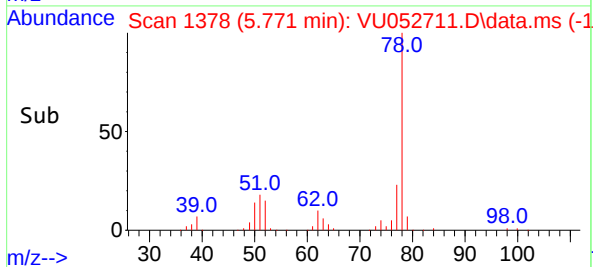
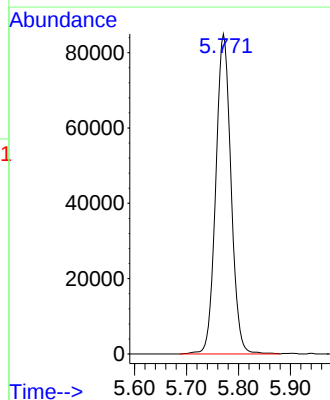
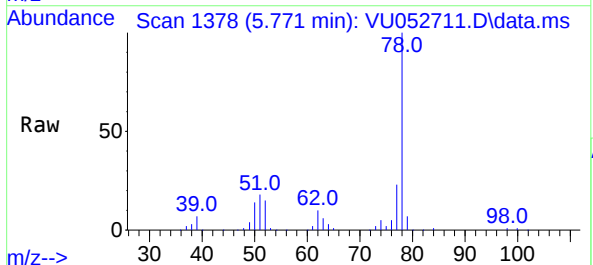
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

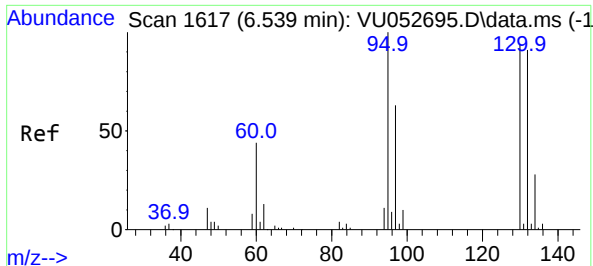
Tgt Ion:117 Resp: 55415
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.8



#33
Benzene
Concen: 5.158 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 78 Resp: 172829

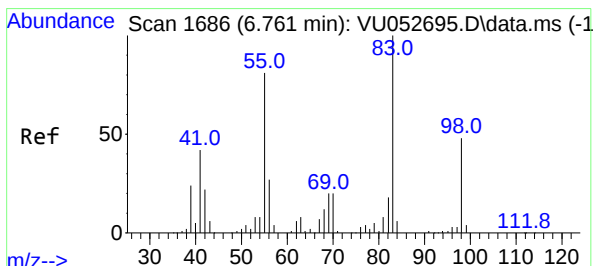
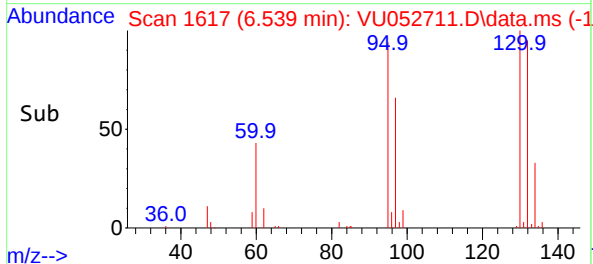
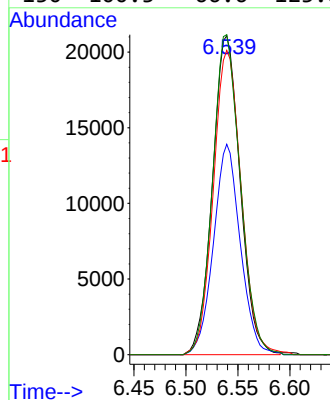
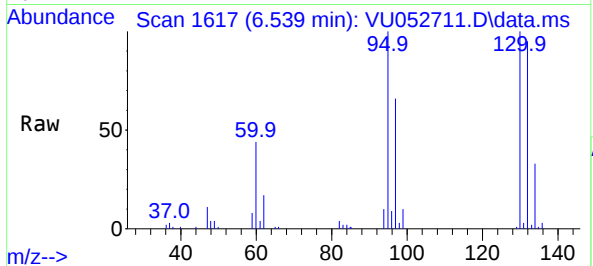




#34
Trichloroethene
Concen: 4.916 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

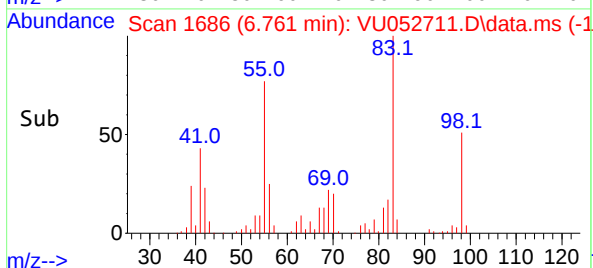
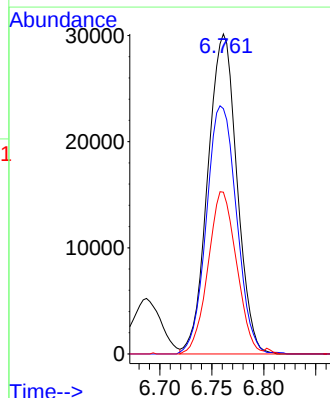
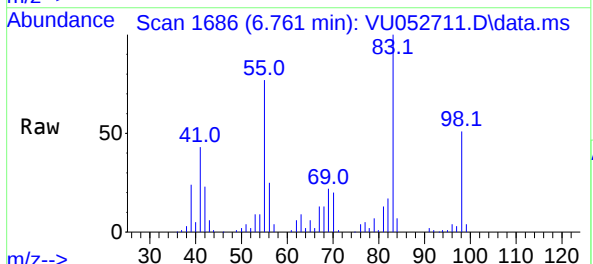
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

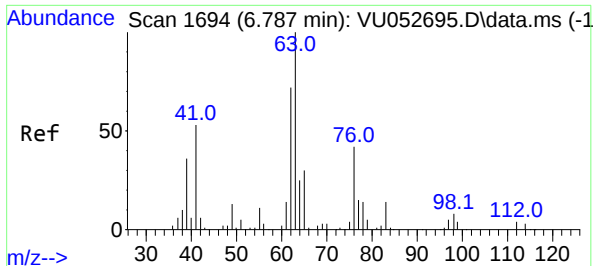
Tgt Ion: 95 Resp: 38970
Ion Ratio Lower Upper
95 100
97 65.9 46.0 85.4
132 95.4 64.0 118.8
130 100.3 66.6 123.8



#35
Methylcyclohexane
Concen: 4.493 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 83 Resp: 58815
Ion Ratio Lower Upper
83 100
55 80.2 67.6 101.4
98 49.6 37.1 55.7

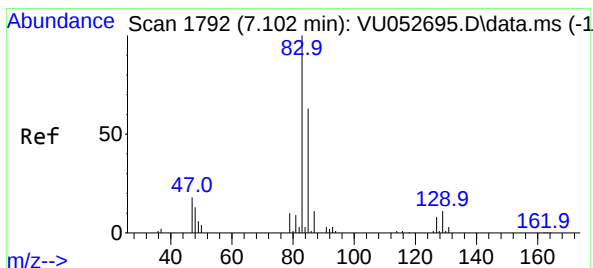
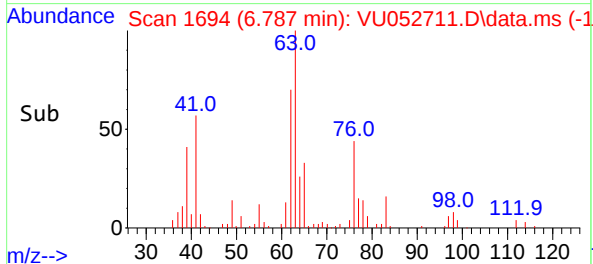
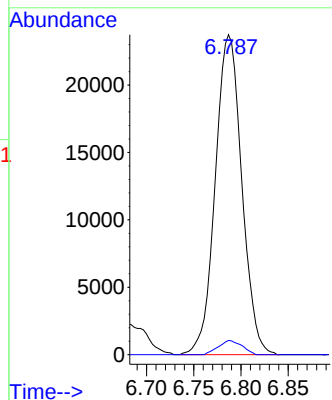
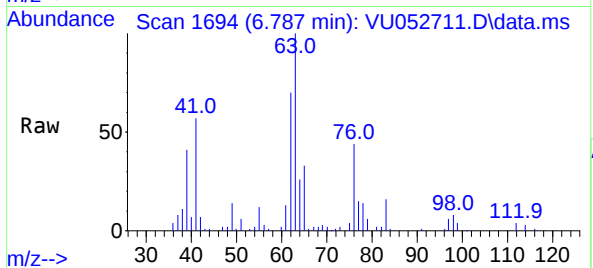




#37
1,2-Dichloropropane
Concen: 5.149 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

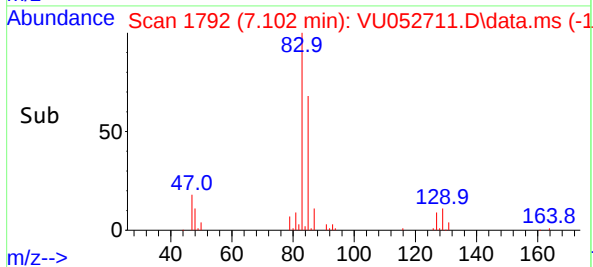
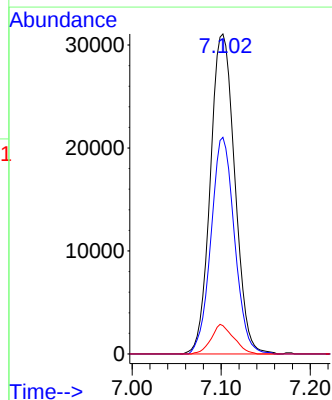
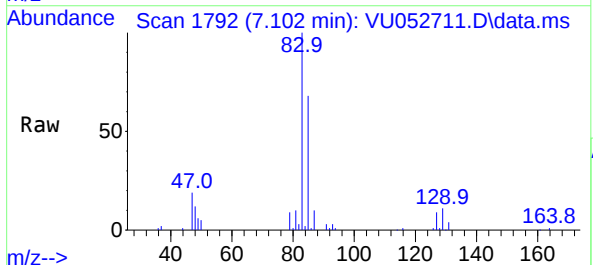
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

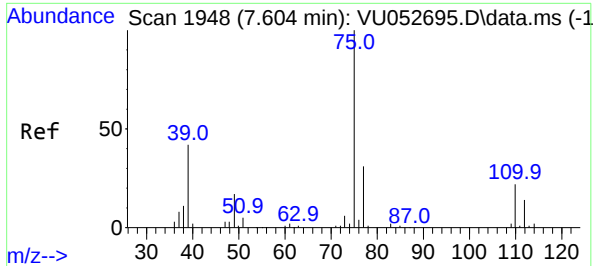
Tgt Ion: 63 Resp: 46304
Ion Ratio Lower Upper
63 100
112 4.0 2.9 4.3



#38
Bromodichloromethane
Concen: 5.591 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 83 Resp: 59200
Ion Ratio Lower Upper
83 100
85 67.7 47.0 87.4
127 8.8 6.9 10.3

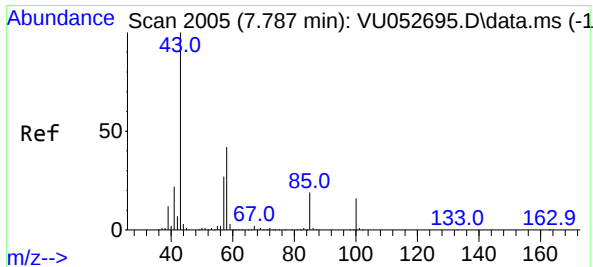
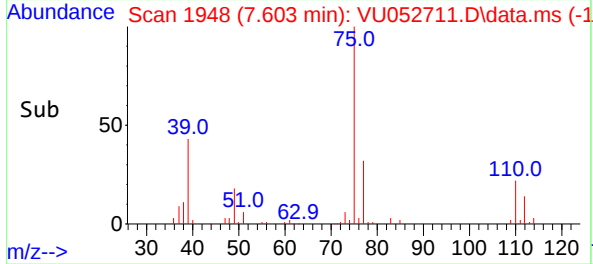
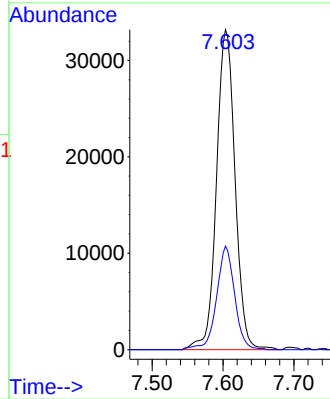
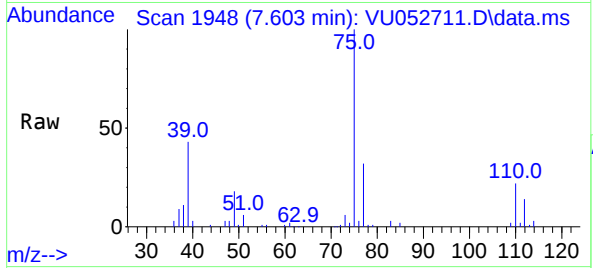




#39
 cis-1,3-Dichloropropene
 Concen: 5.304 ug/L
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU052711.D
 Acq: 16 Jan 2023 20:05

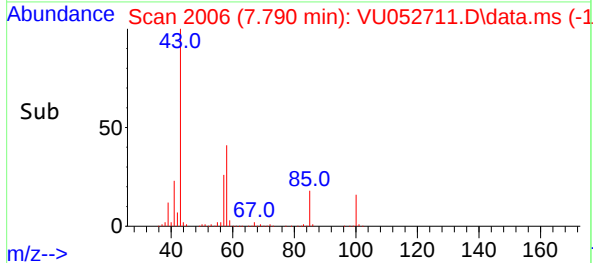
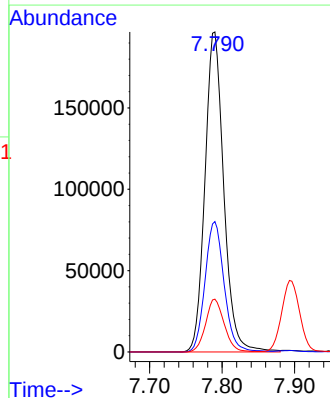
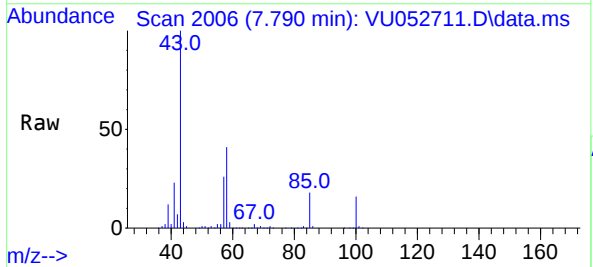
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

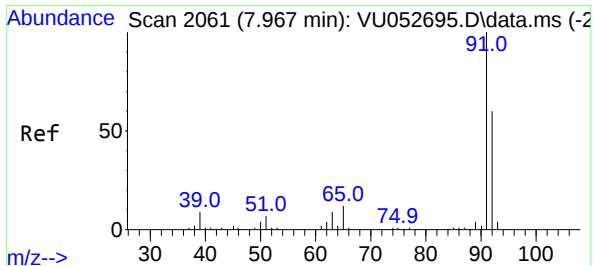
Tgt Ion: 75 Resp: 60552
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 68.982 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VU052711.D
 Acq: 16 Jan 2023 20:05

Tgt Ion: 43 Resp: 354812
 Ion Ratio Lower Upper
 43 100
 58 41.5 32.0 48.0
 100 16.3 11.3 16.9





#42

Toluene

Concen: 5.304 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052711.D

Acq: 16 Jan 2023 20:05

Instrument :

MSVOA_U

ClientSampleId :

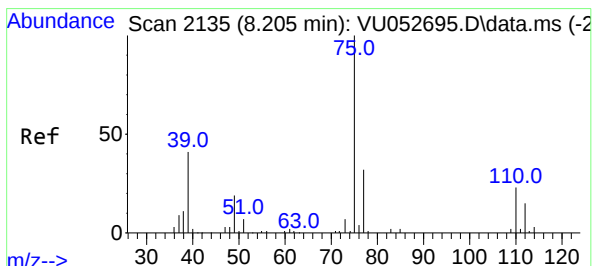
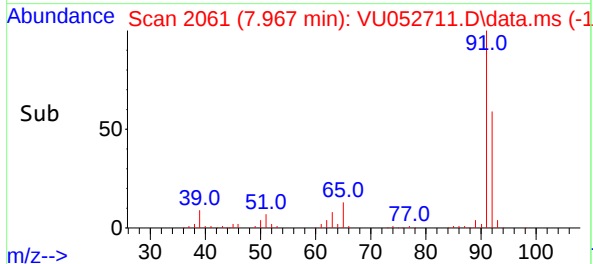
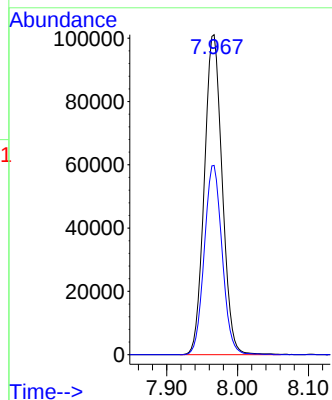
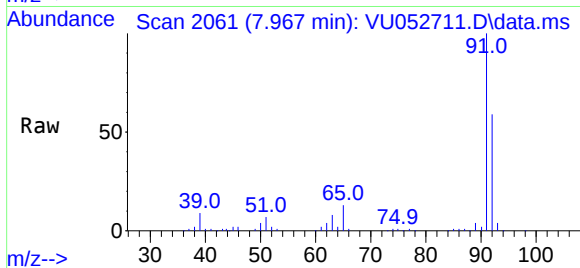
VSTD005127

Tgt Ion: 91 Resp: 177063

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.844 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052711.D

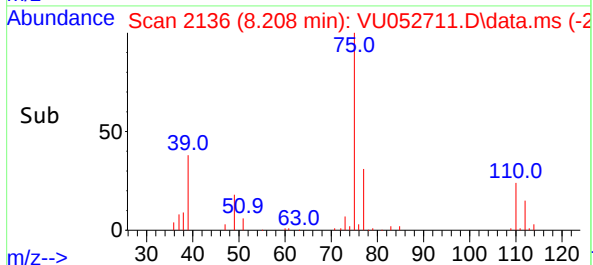
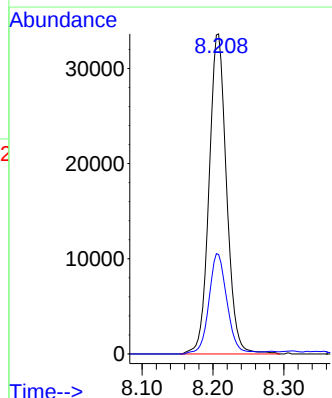
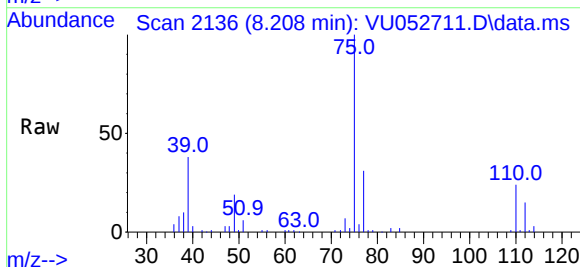
Acq: 16 Jan 2023 20:05

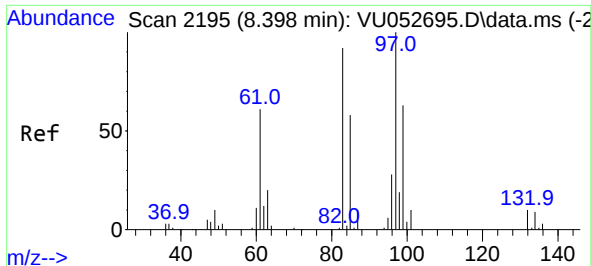
Tgt Ion: 75 Resp: 57589

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



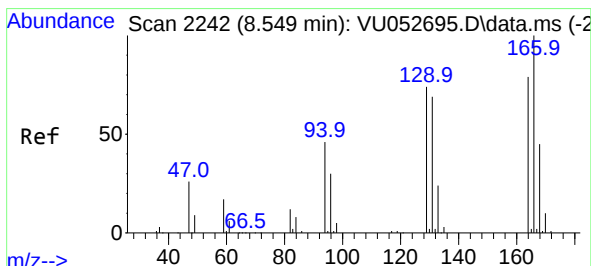
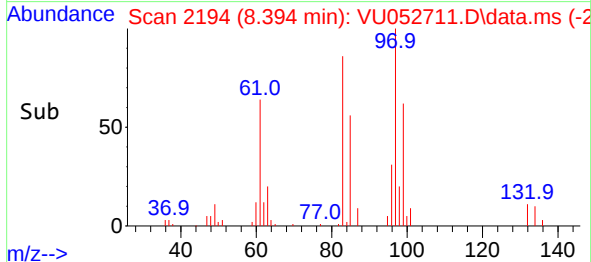
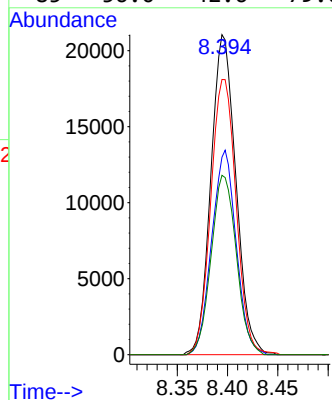
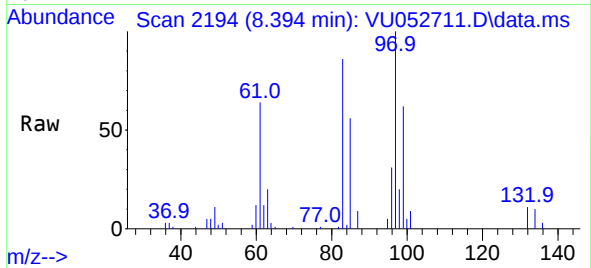


#45
1,1,2-Trichloroethane
Concen: 6.431 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion: 97 Resp: 36376

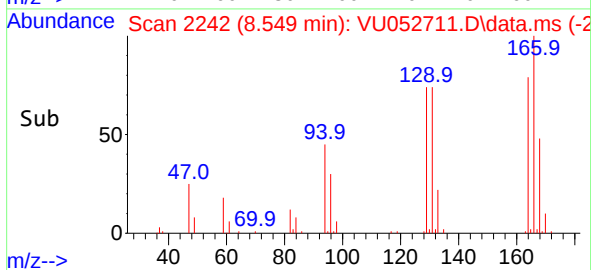
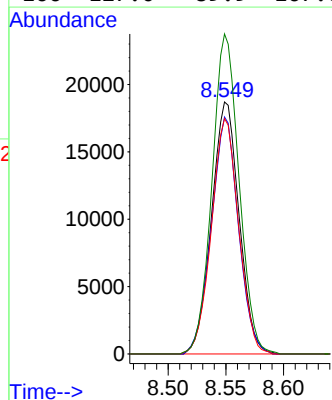
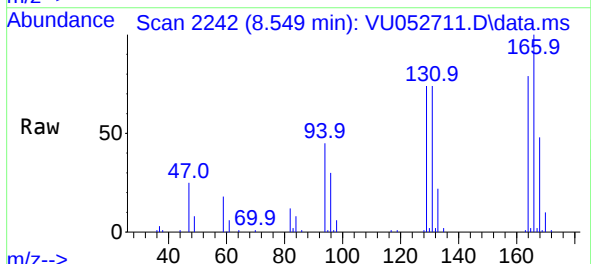
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.8	83.2
83	86.0	65.3	121.3
85	56.0	42.6	79.0

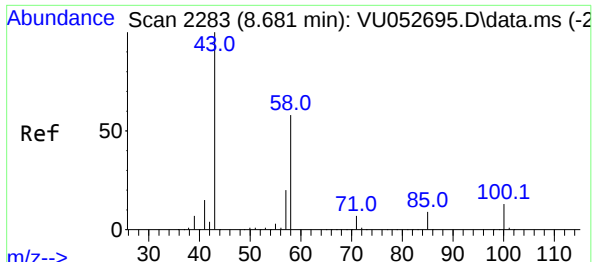


#47
Tetrachloroethene
Concen: 5.315 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 164 Resp: 31040

Ion	Ratio	Lower	Upper
164	100		
129	94.0	71.8	133.4
131	93.4	66.6	123.6
166	127.0	89.9	167.0

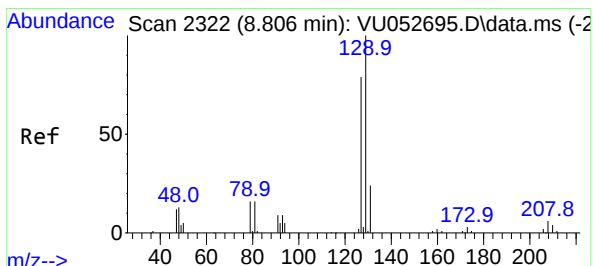
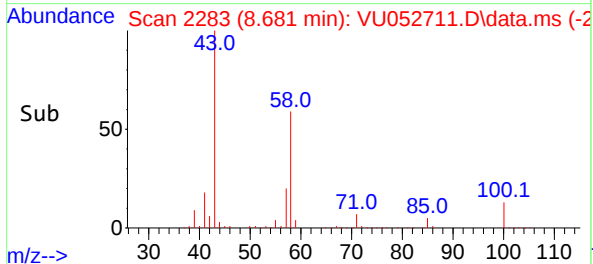
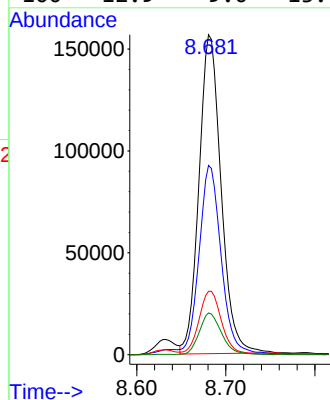
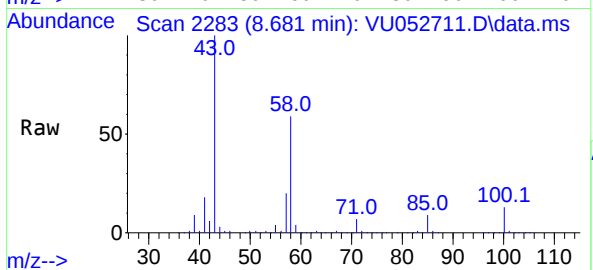




#48
2-Hexanone
Concen: 71.773 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

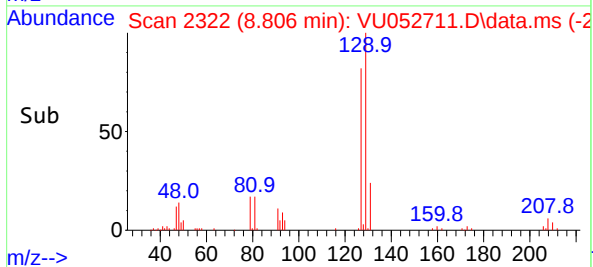
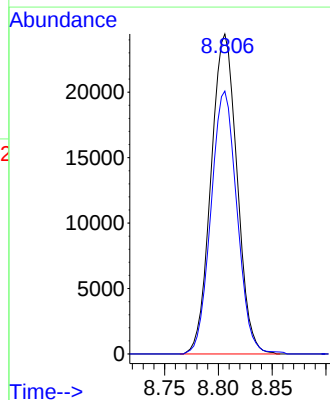
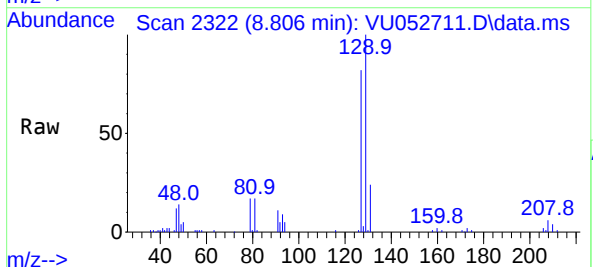
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

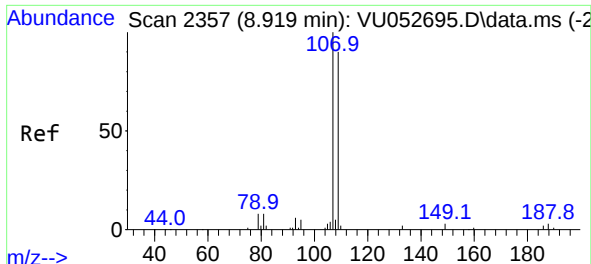
Tgt Ion: 43 Resp: 270296
Ion Ratio Lower Upper
43 100
58 58.8 45.1 67.7
57 20.2 15.1 22.7
100 12.9 9.0 13.4



#49
Dibromochloromethane
Concen: 6.298 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 129 Resp: 41186
Ion Ratio Lower Upper
129 100
127 82.2 53.5 99.5

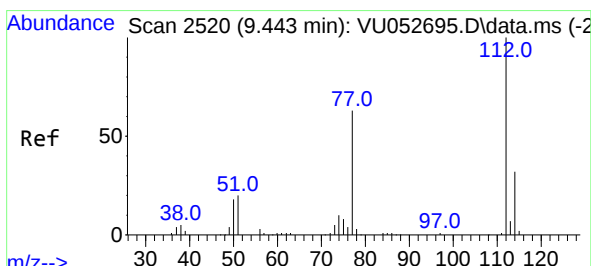
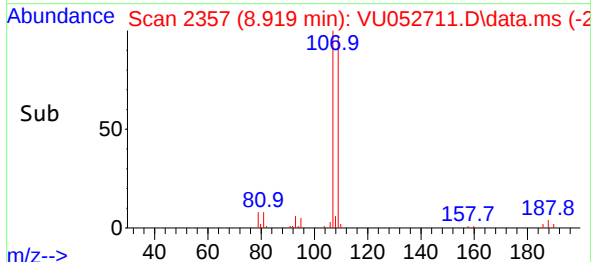
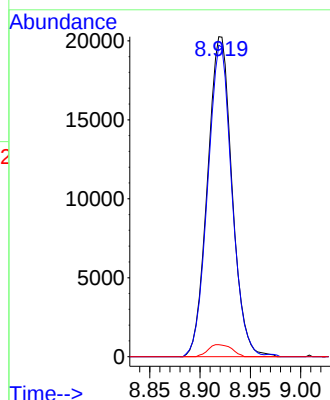
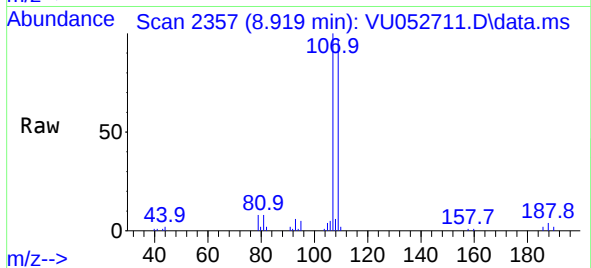




#50
1,2-Dibromoethane
Concen: 6.616 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

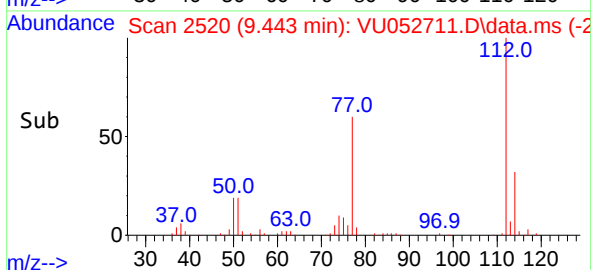
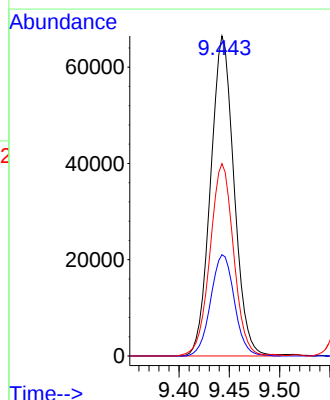
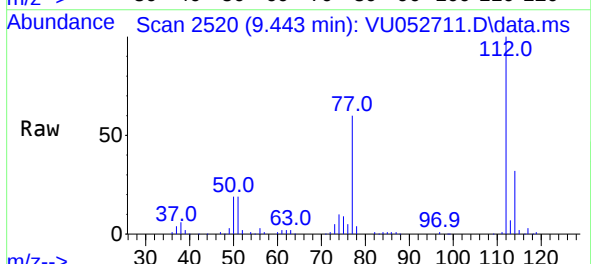
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

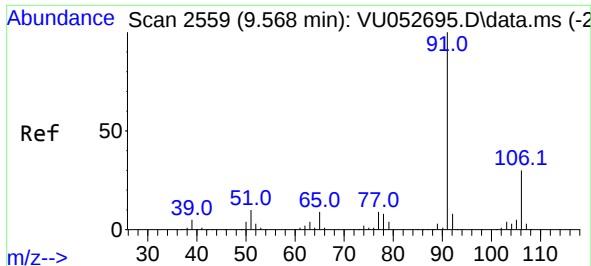
Tgt Ion:107 Resp: 34403
Ion Ratio Lower Upper
107 100
109 97.3 65.3 121.3
188 3.8 2.4 3.6#



#51
Chlorobenzene
Concen: 5.190 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:112 Resp: 107922
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 60.1 50.2 75.4

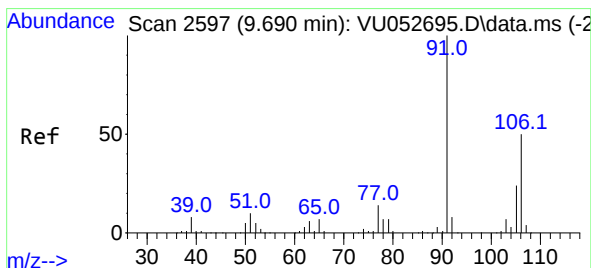
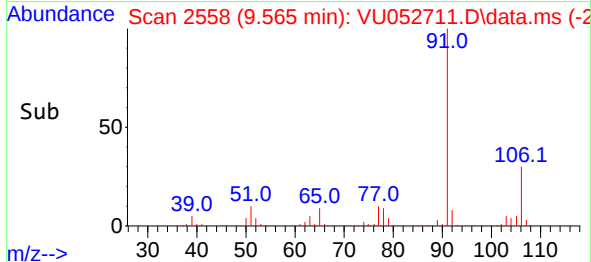
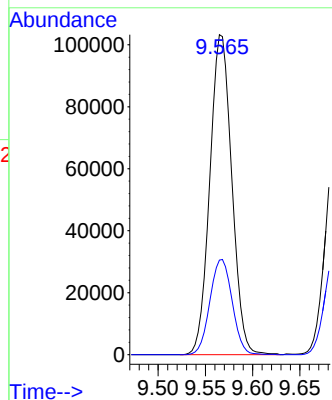
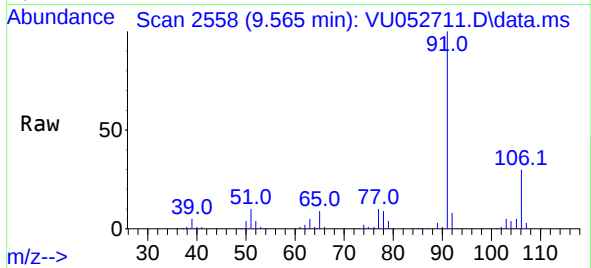




#52
Ethylbenzene
Concen: 4.909 ug/L
RT: 9.565 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

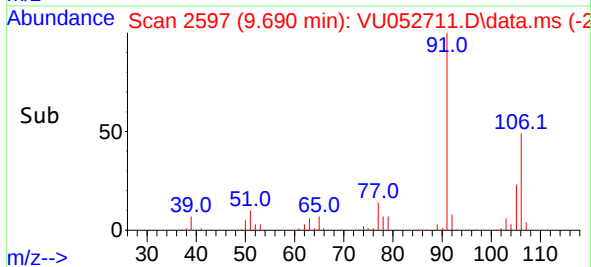
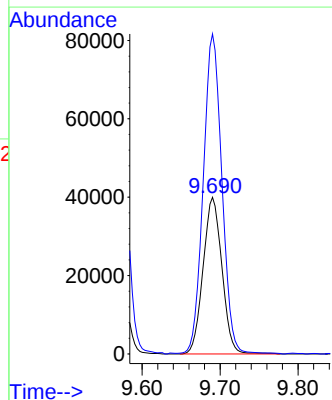
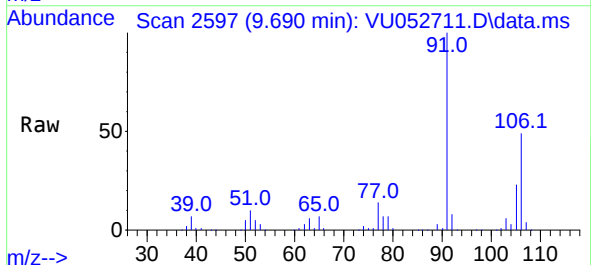
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

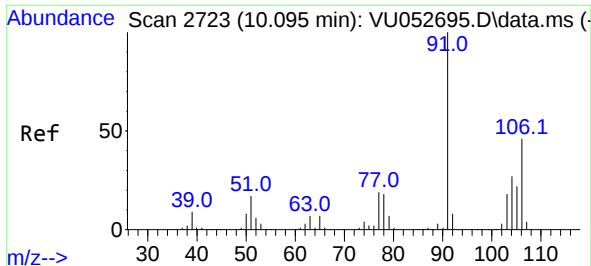
Tgt Ion: 91 Resp: 166908
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.3



#53
m,p-Xylene
Concen: 5.222 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 106 Resp: 67262
Ion Ratio Lower Upper
106 100
91 204.3 144.3 267.9

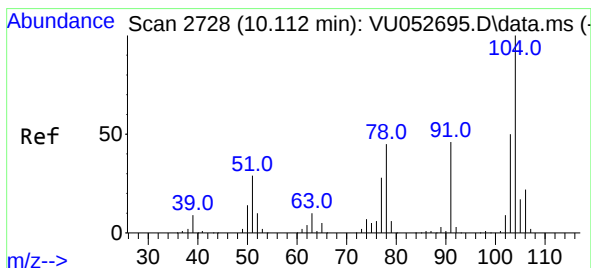
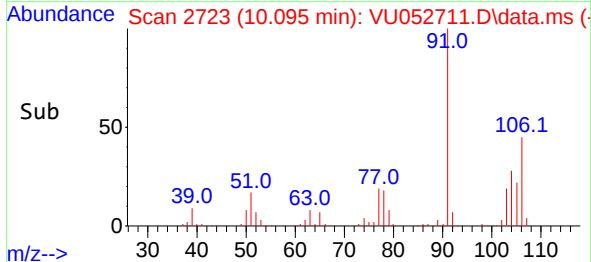
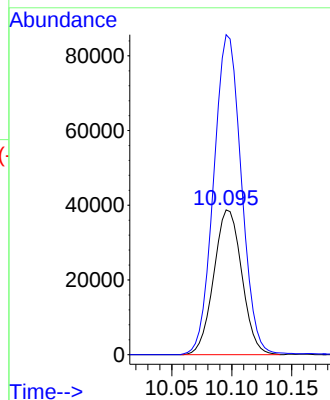
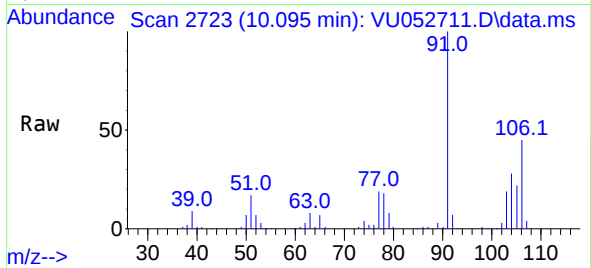




#54
o-Xylene
Concen: 5.117 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

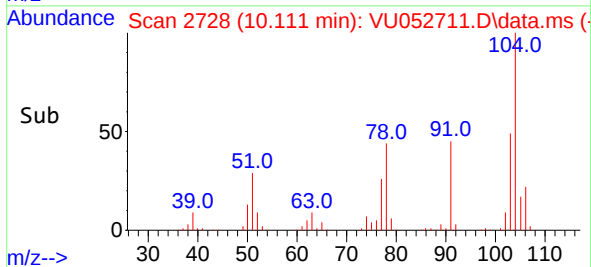
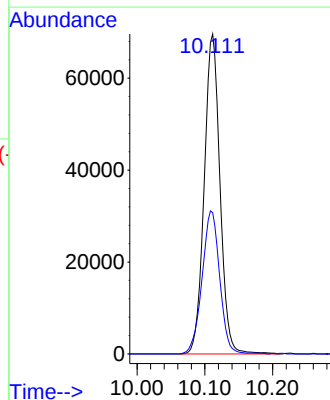
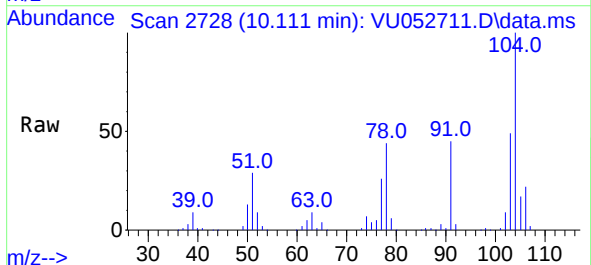
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

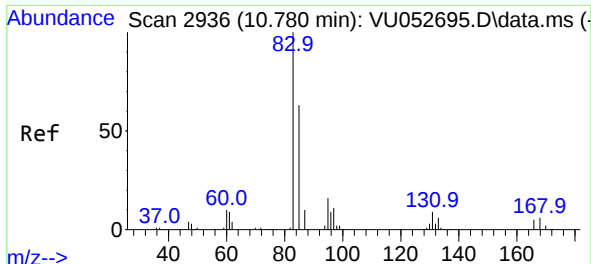
Tgt Ion:106 Resp: 63018
Ion Ratio Lower Upper
106 100
91 220.9 148.7 276.1



#55
Styrene
Concen: 5.367 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:104 Resp: 112757
Ion Ratio Lower Upper
104 100
78 44.2 32.8 60.8

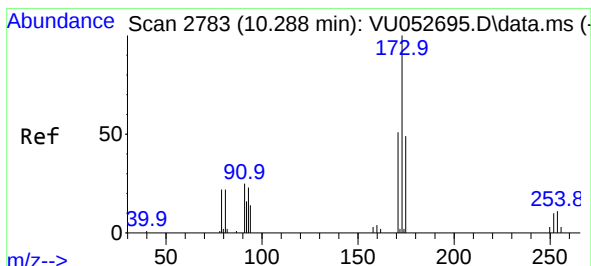
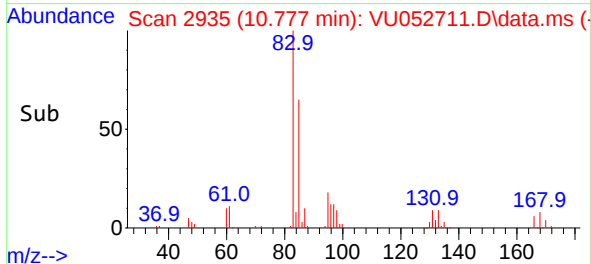
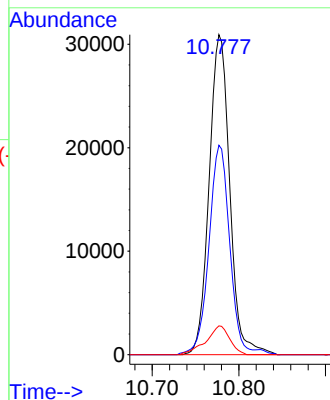
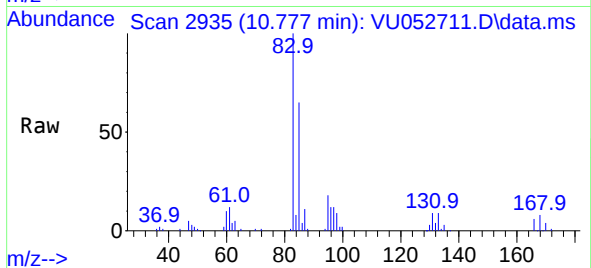




#57
1,1,2,2-Tetrachloroethane
Concen: 6.917 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

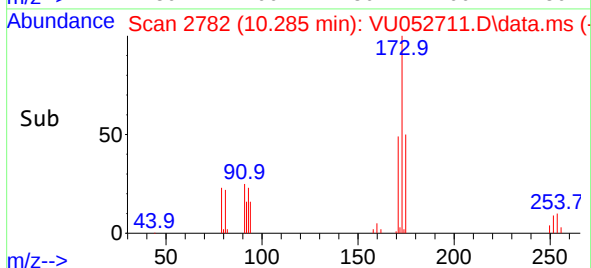
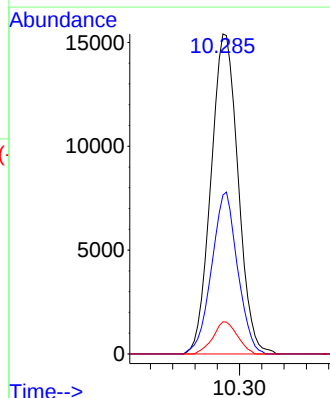
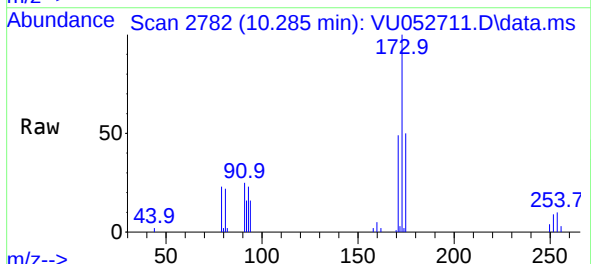
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

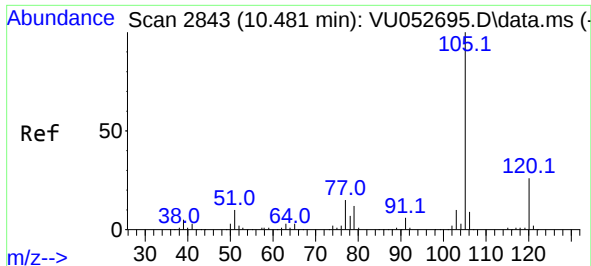
Tgt Ion: 83 Resp: 51111
Ion Ratio Lower Upper
83 100
85 65.4 43.7 81.1
131 9.0 7.0 10.6



#59
Bromoform
Concen: 7.076 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:173 Resp: 26042
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 9.1 7.3 10.9

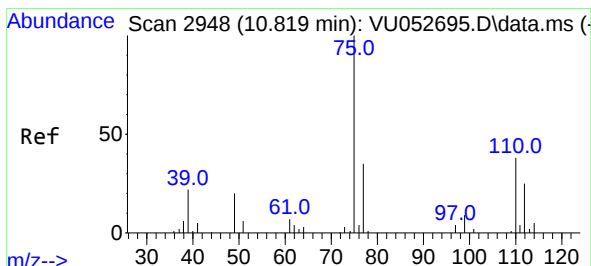
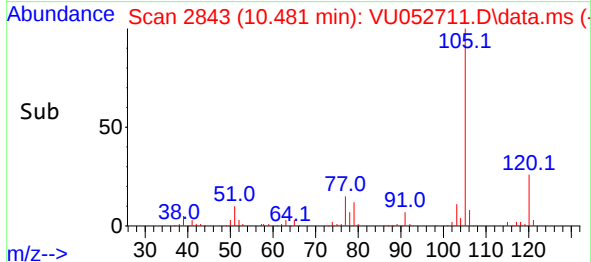
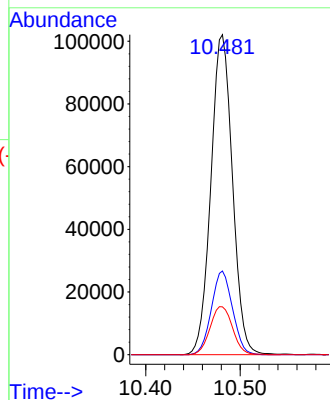
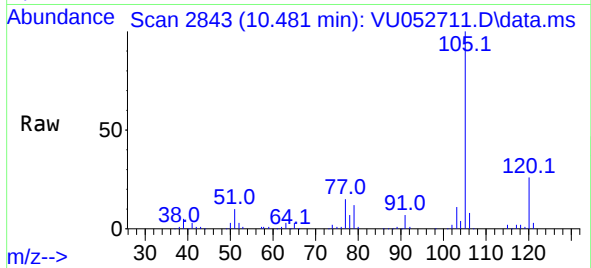




#60
Isopropylbenzene
Concen: 4.823 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

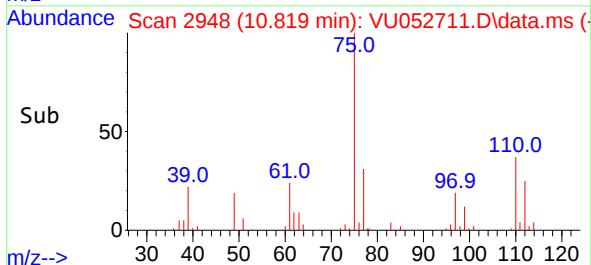
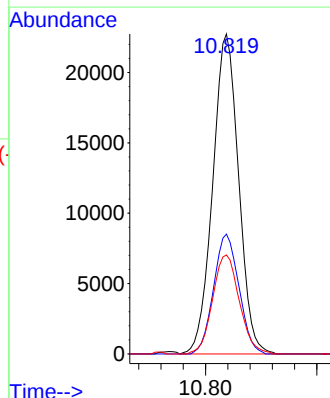
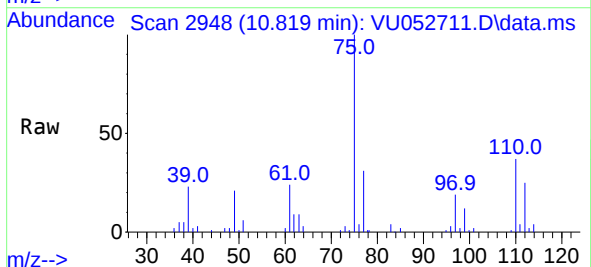
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

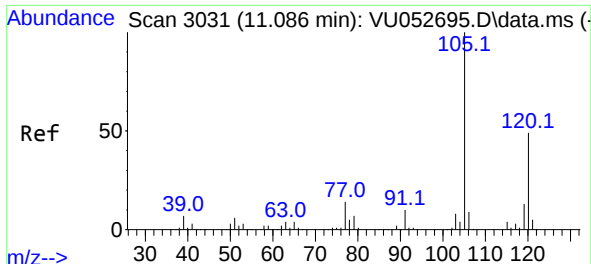
Tgt Ion:105 Resp: 161801
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6
77 15.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 6.667 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion: 75 Resp: 36673
Ion Ratio Lower Upper
75 100
110 36.6 27.2 40.8
77 32.0 24.0 36.0

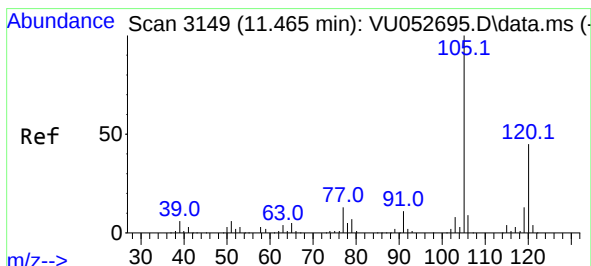
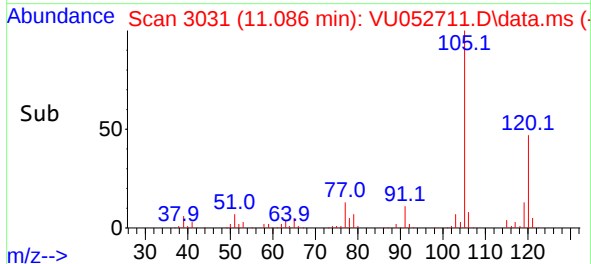
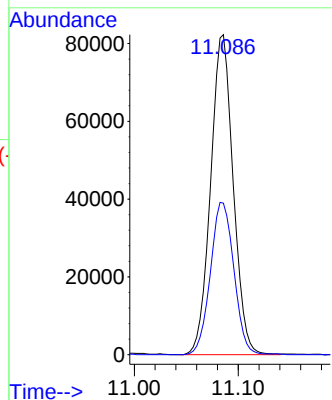
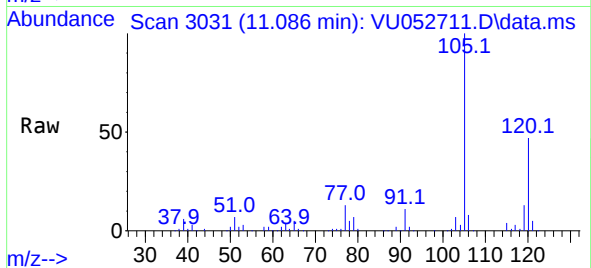




#62
1,3,5-Trimethylbenzene
Concen: 4.642 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

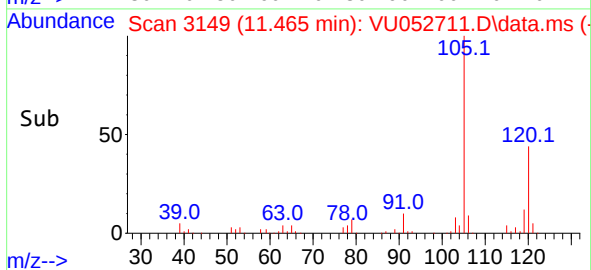
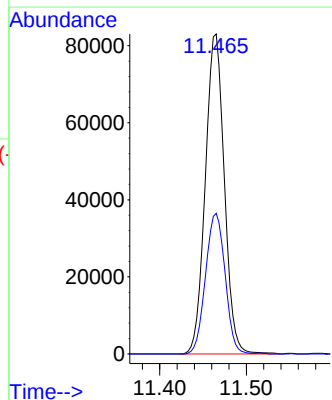
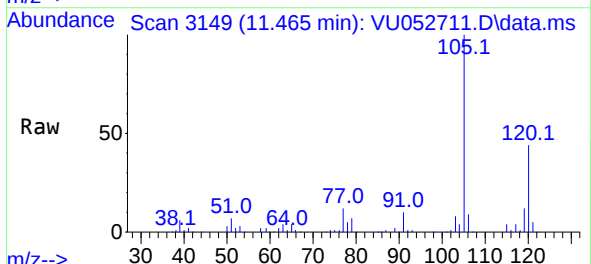
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

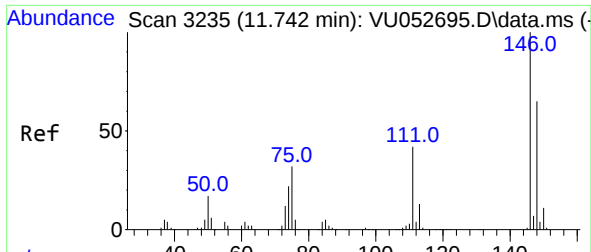
Tgt Ion:105 Resp: 124185
Ion Ratio Lower Upper
105 100
120 49.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 4.705 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:105 Resp: 126801
Ion Ratio Lower Upper
105 100
120 45.1 35.9 53.9

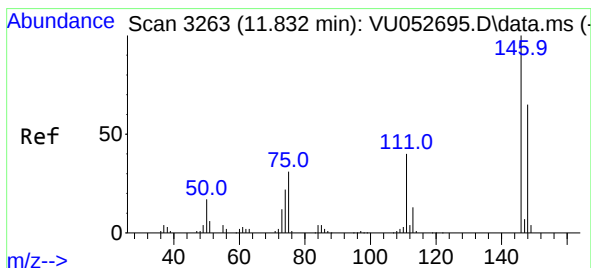
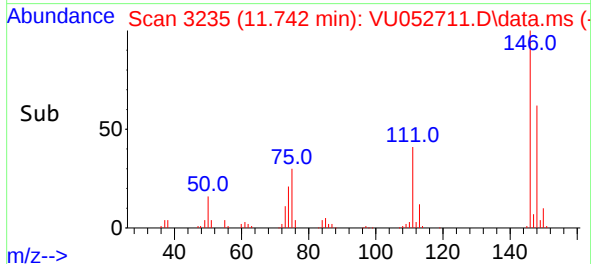
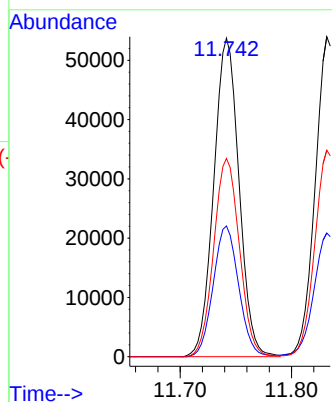
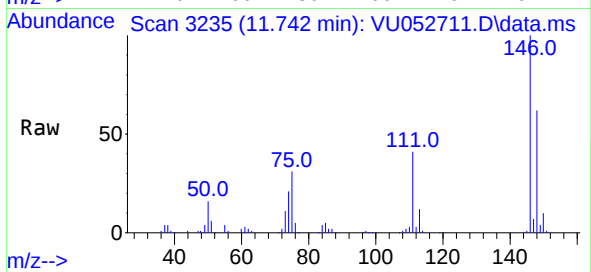




#64
1,3-Dichlorobenzene
Concen: 5.301 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

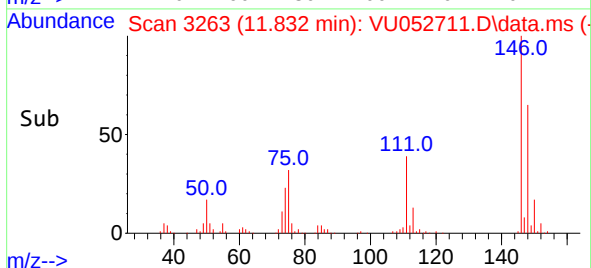
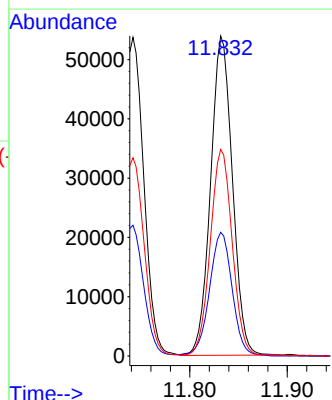
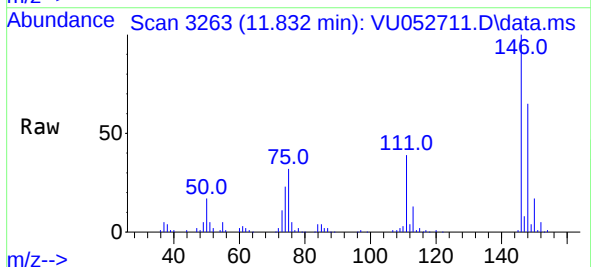
Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

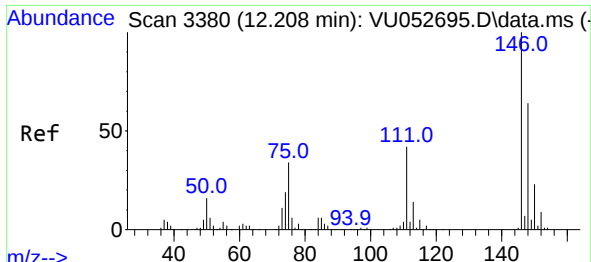
Tgt Ion:146 Resp: 84583
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 62.2 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.153 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:146 Resp: 83888
Ion Ratio Lower Upper
146 100
111 38.6 28.1 52.3
148 64.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.430 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052711.D

Acq: 16 Jan 2023 20:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127

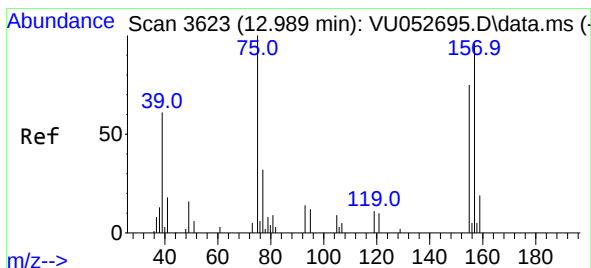
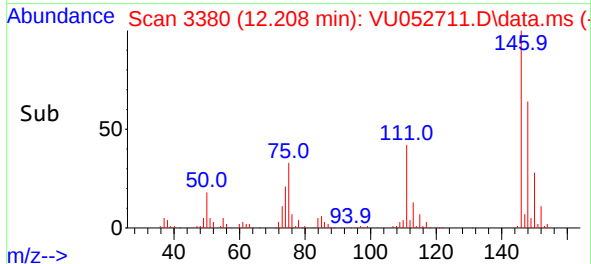
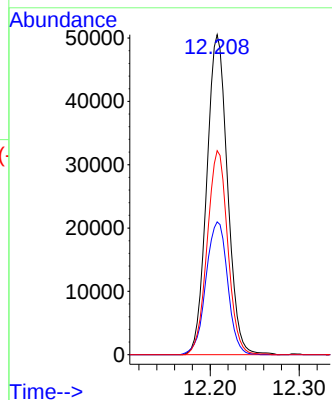
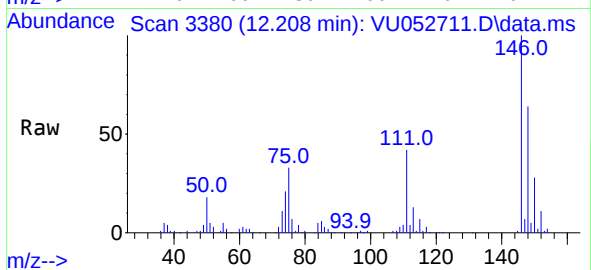
Tgt Ion:146 Resp: 81535

Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.6

148 63.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 6.553 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052711.D

Acq: 16 Jan 2023 20:05

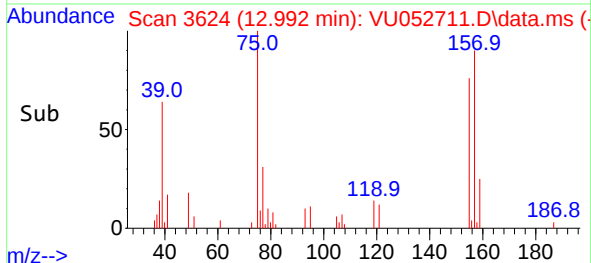
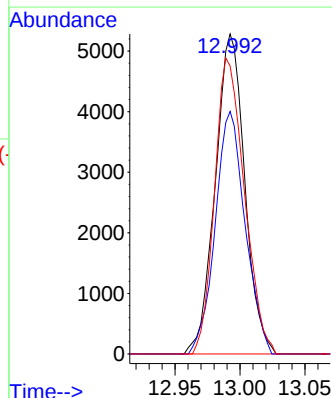
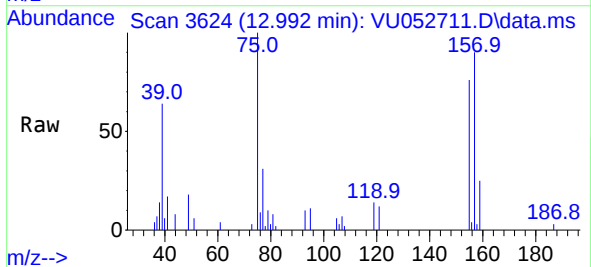
Tgt Ion: 75 Resp: 8313

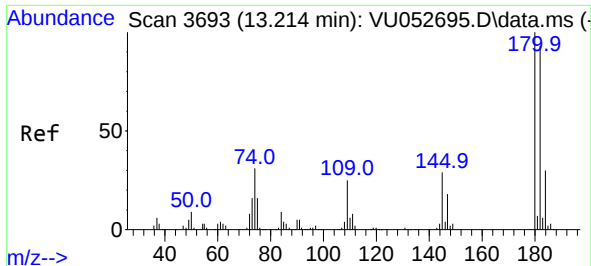
Ion Ratio Lower Upper

75 100

155 75.8 48.0 72.0#

157 90.0 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 4.920 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU052711.D

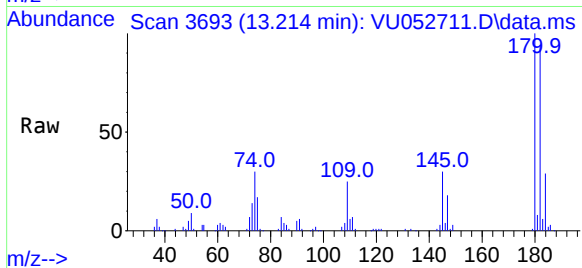
Acq: 16 Jan 2023 20:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD005127



Tgt Ion:180 Resp: 58322

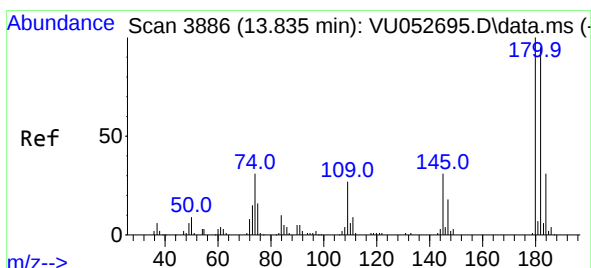
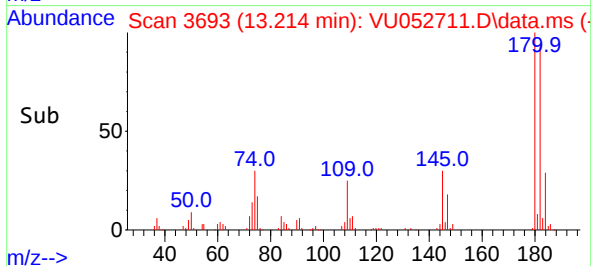
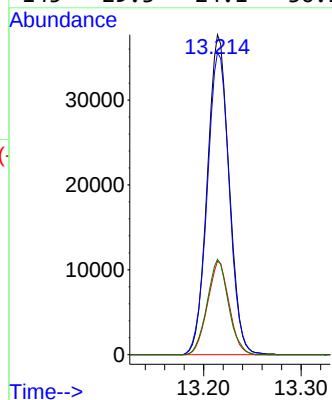
Ion Ratio Lower Upper

180 100

182 95.9 75.1 112.7

184 28.8 23.6 35.4

145 29.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.037 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052711.D

Acq: 16 Jan 2023 20:05

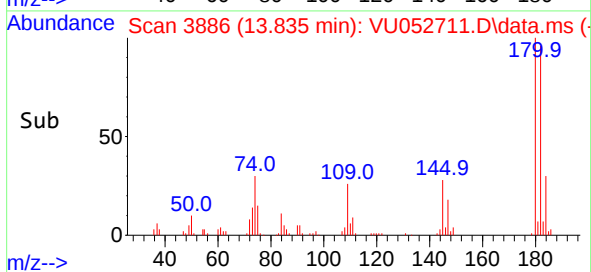
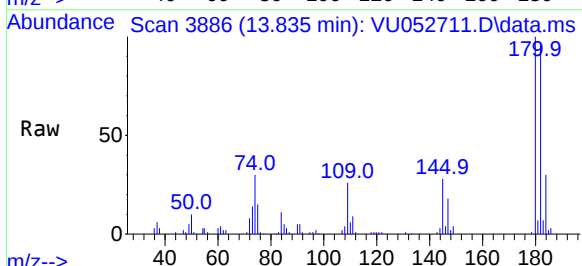
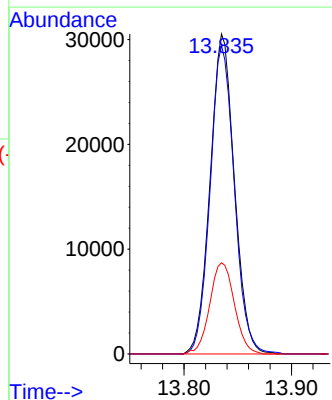
Tgt Ion:180 Resp: 47887

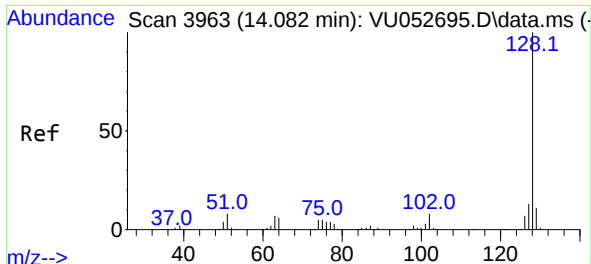
Ion Ratio Lower Upper

180 100

182 95.9 77.5 116.3

145 29.0 25.3 37.9

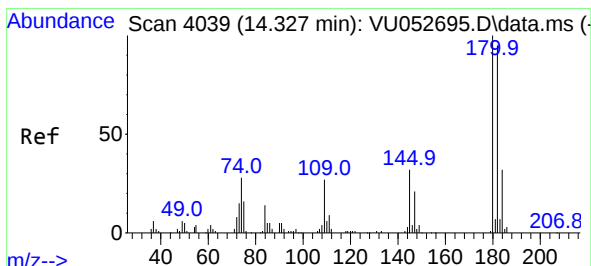
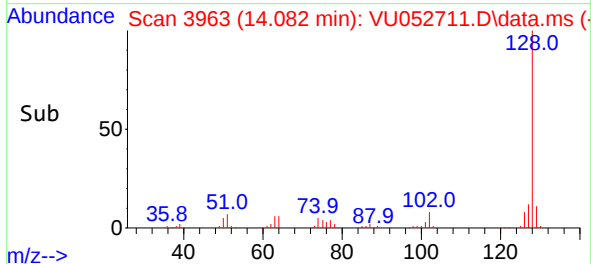
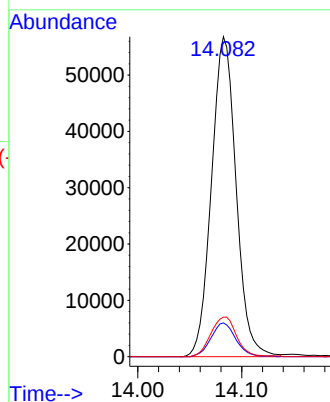
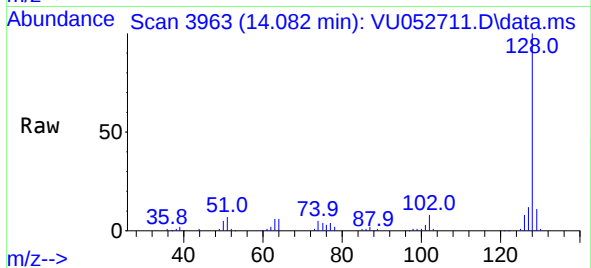




#71
Naphthalene
Concen: 5.665 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005127

Tgt Ion:	128	Resp:	93485
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	13.1	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.514 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052711.D
Acq: 16 Jan 2023 20:05

Tgt Ion:	180	Resp:	48018
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	31.3	26.5	39.7

