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 Data File : VU052342.D
 Acq On : 12 Dec 2022 10:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Dec 12 12:42:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	290504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	283409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	150844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	104101	3.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.916	69	86452	3.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.572	65	41246	4.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.642	46	270116	52.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.480%
24) Chloroform-d	5.063	84	185651	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.700	65	91164	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.726	84	378298	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.687	67	119590	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	348983	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.179	79	44214	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.632	63	205989	51.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	110079	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	127837	4.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114671	4.551	ug/L	100
3) Chloromethane	1.523	50	123977	3.770	ug/L	99
5) Vinyl chloride	1.607	62	137035	4.337	ug/L	99
6) Bromomethane	1.861	94	62343	3.845	ug/L	100
8) Chloroethane	1.938	64	83228	4.236	ug/L	96
9) Trichlorofluoromethane	2.141	101	163854	4.714	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	102398	4.819	ug/L	99
12) 1,1-Dichloroethene	2.584	96	98899	4.693	ug/L	82
13) Acetone	2.655	43	187498	53.907	ug/L	97
14) Carbon disulfide	2.797	76	322988	4.427	ug/L	99
15) Methyl Acetate	2.957	43	43855	4.861	ug/L	97
16) Methylene chloride	3.047	84	117133	4.108	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	217676	4.614	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102665	4.545	ug/L	96
19) 1,1-Dichloroethane	3.871	63	186331	4.577	ug/L	96
21) 2-Butanone	4.719	43	298757	53.592	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	112636	4.751	ug/L	98
23) Bromochloromethane	4.973	128	53056	4.677	ug/L	99
25) Chloroform	5.086	83	188596	4.571	ug/L	95

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

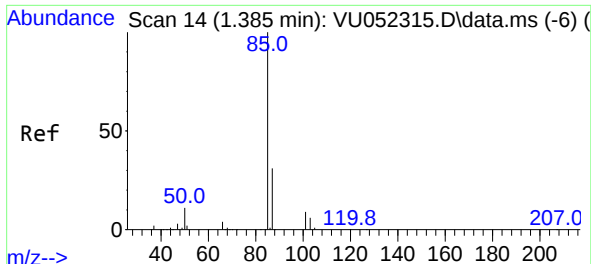
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	116649	4.616	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	154712	4.920	ug/L	98
30) Cyclohexane	5.388	56	153727	5.035	ug/L	98
31) Carbon tetrachloride	5.523	117	128652	4.815	ug/L	98
33) Benzene	5.774	78	440709	4.778	ug/L	100
34) Trichloroethene	6.542	95	109123	4.743	ug/L	97
35) Methylcyclohexane	6.764	83	165520	5.002	ug/L	98
37) 1,2-Dichloropropane	6.790	63	113320	4.745	ug/L	99
38) Bromodichloromethane	7.102	83	141048	4.844	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	148422	4.841	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	663184	53.164	ug/L	99
42) Toluene	7.967	91	470069	4.955	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	131303	5.001	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88420	4.927	ug/L	99
47) Tetrachloroethene	8.552	164	86737	4.920	ug/L	98
48) 2-Hexanone	8.684	43	511599	55.942	ug/L	99
49) Dibromochloromethane	8.809	129	103124	5.131	ug/L	100
50) 1,2-Dibromoethane	8.922	107	82870	5.070	ug/L	99
51) Chlorobenzene	9.446	112	290251	4.798	ug/L	99
52) Ethylbenzene	9.568	91	457987	4.965	ug/L	98
53) m,p-Xylene	9.693	106	180819	5.063	ug/L	96
54) o-Xylene	10.099	106	173442	5.067	ug/L	96
55) Styrene	10.111	104	298466	5.162	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	116052	5.178	ug/L	98
59) Bromoform	10.288	173	61565	4.955	ug/L	98
60) Isopropylbenzene	10.481	105	457958	4.833	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	79546	4.608	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	344182	4.544	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	348131	4.630	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	231805	4.791	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	232626	4.821	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	220461	4.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	17415	4.610	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	164377	4.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	129514	4.958	ug/L	100
71) Naphthalene	14.086	128	226022	4.608	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	122800	4.778	ug/L	98

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

Instrument :
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VSTD005103

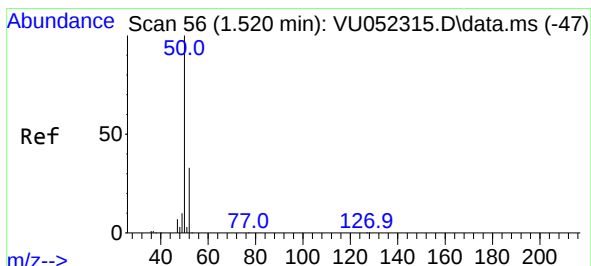
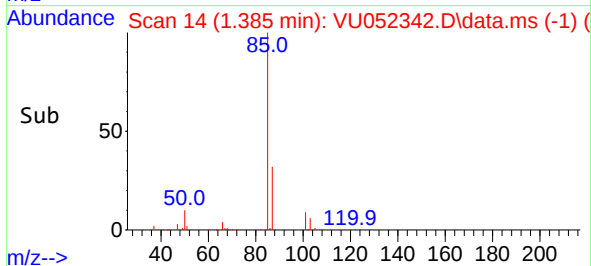
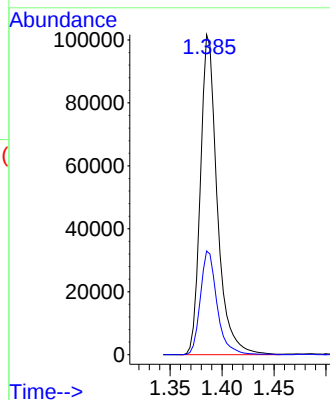
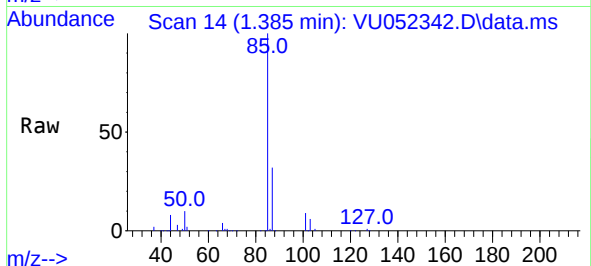
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#2
Dichlorodifluoromethane
Concen: 4.551 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

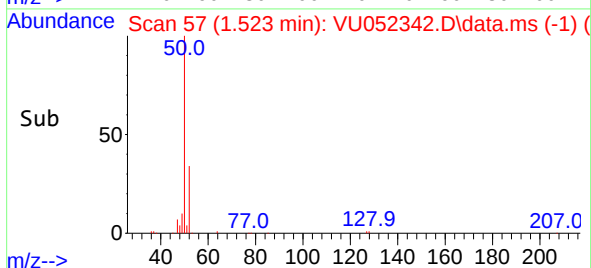
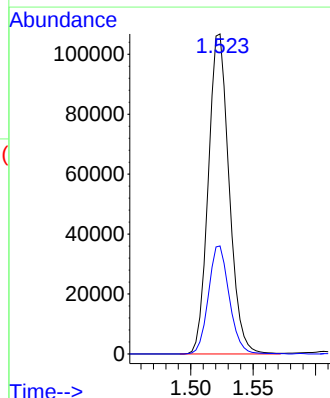
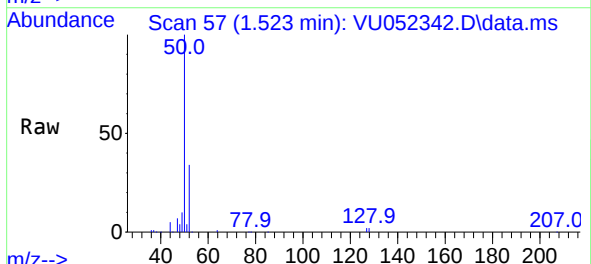
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ClientSampleId :
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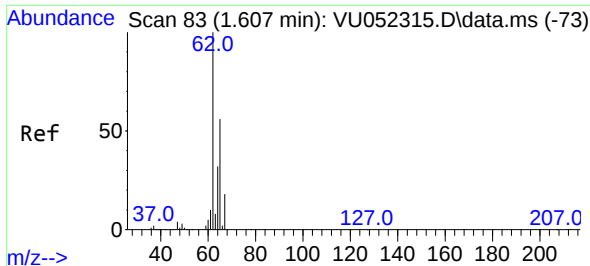
Tgt Ion: 85 Resp: 114671
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 3.770 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 50 Resp: 123977
Ion Ratio Lower Upper
50 100
52 33.8 23.4 43.4

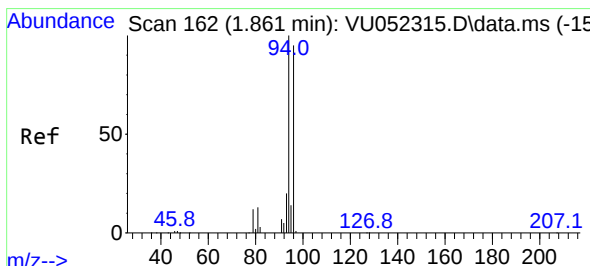
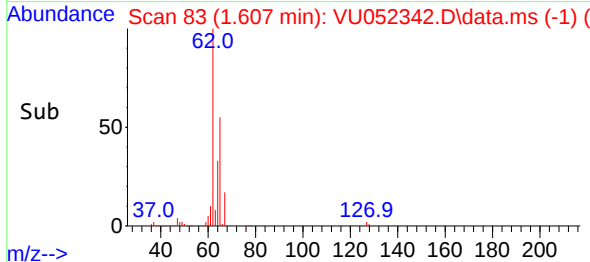
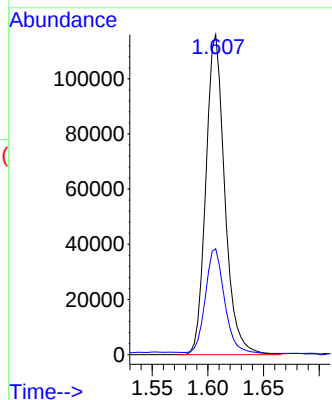
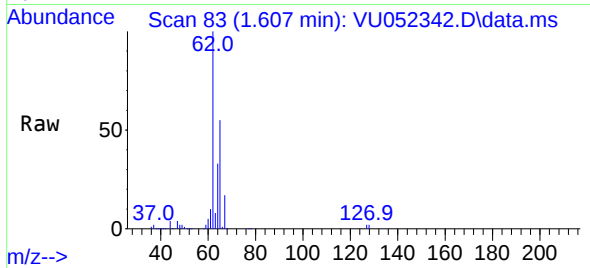




#5
 Vinyl chloride
 Concen: 4.337 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052342.D
 Acq: 12 Dec 2022 10:21

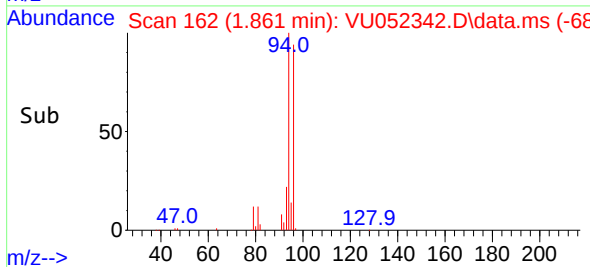
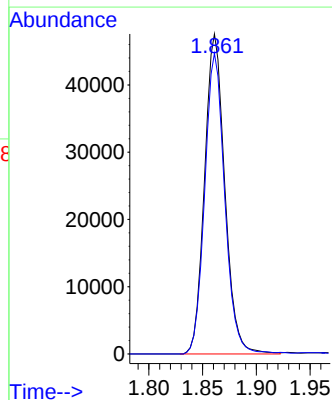
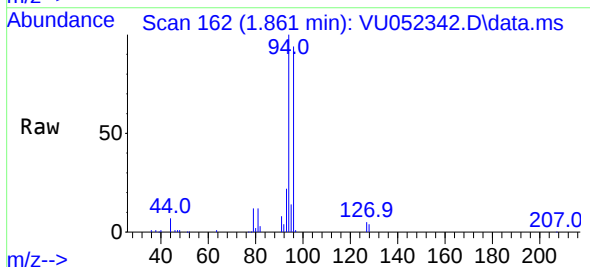
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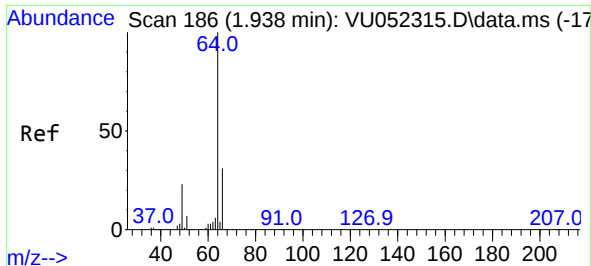
Tgt Ion: 62 Resp: 137035
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.5 43.7



#6
 Bromomethane
 Concen: 3.845 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU052342.D
 Acq: 12 Dec 2022 10:21

Tgt Ion: 94 Resp: 62343
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 122.1

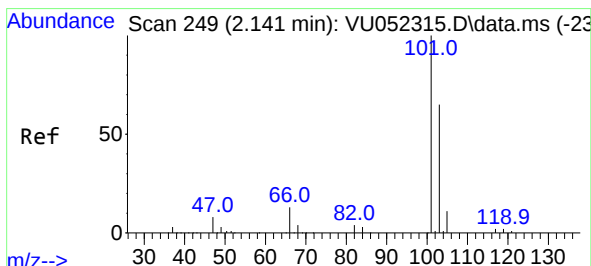
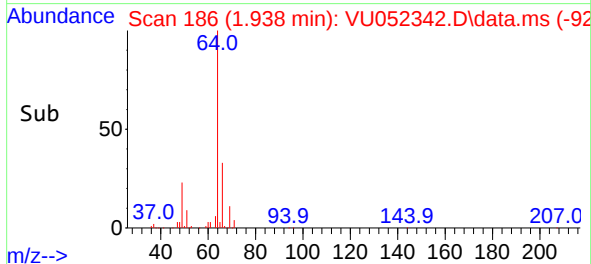
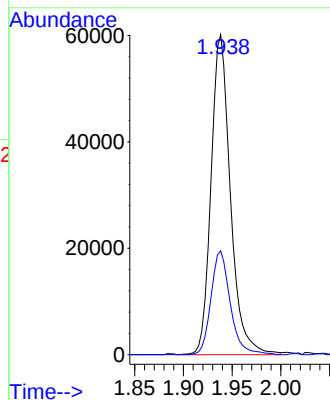
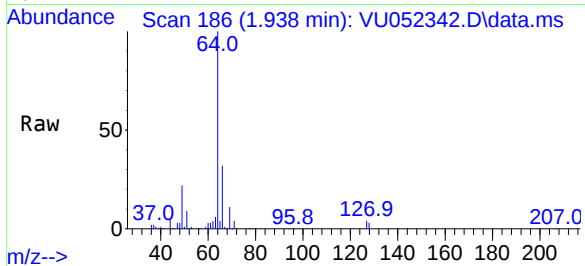




#8
Chloroethane
Concen: 4.236 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

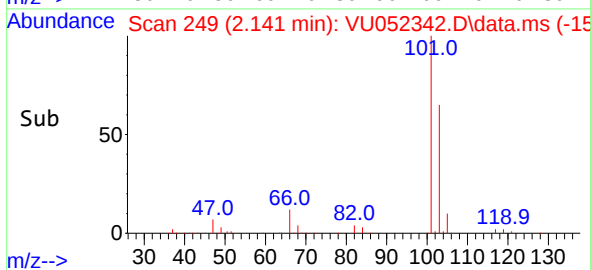
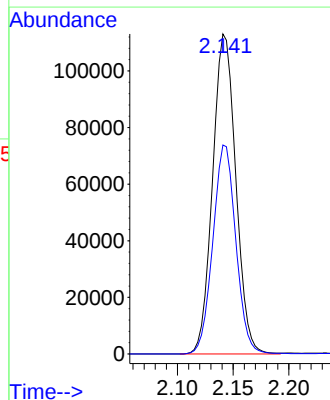
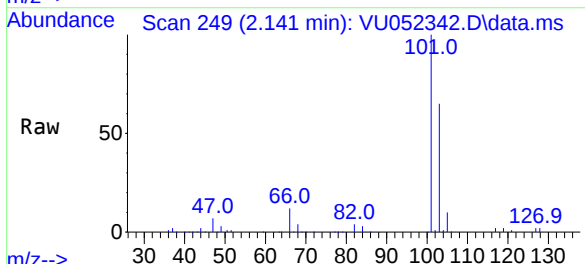
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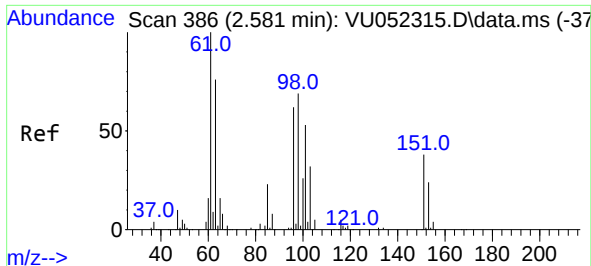
Tgt Ion: 64 Resp: 83228
Ion Ratio Lower Upper
64 100
66 32.5 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.714 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 101 Resp: 163854
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

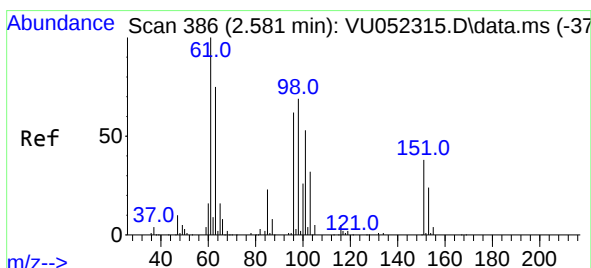
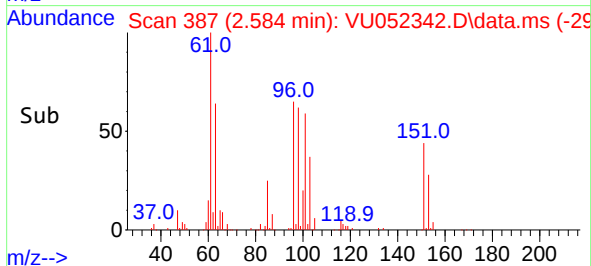
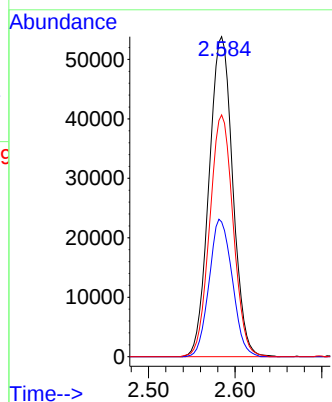
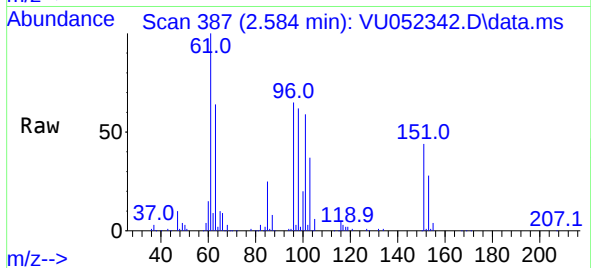




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.819 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

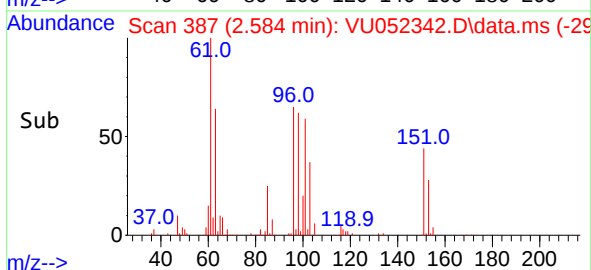
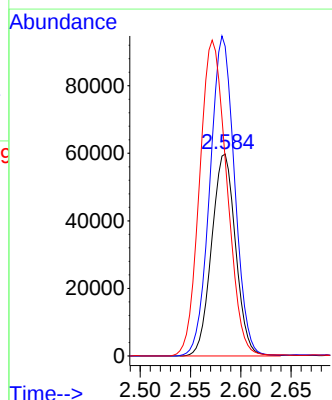
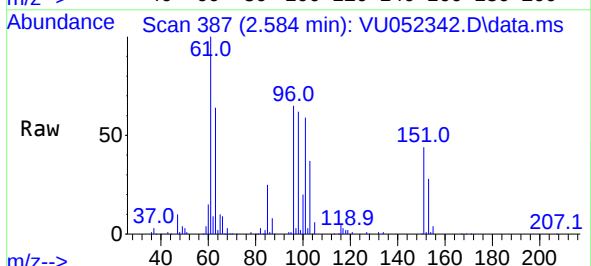
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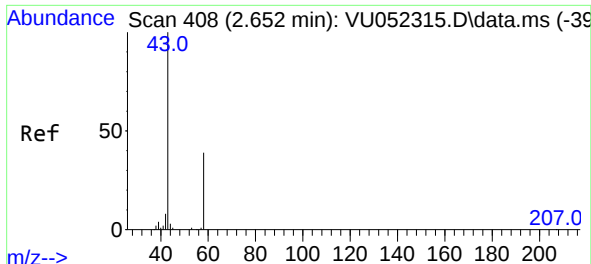
Tgt Ion:101 Resp: 102398
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.6
151 75.0 58.6 88.0



#12
1,1-Dichloroethene
Concen: 4.693 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 96 Resp: 98899
Ion Ratio Lower Upper
96 100
61 153.3 114.8 213.2
63 97.5 93.7 174.1





#13

Acetone

Concen: 53.907 ug/L

RT: 2.655 min Scan# 408

Delta R.T. 0.010 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

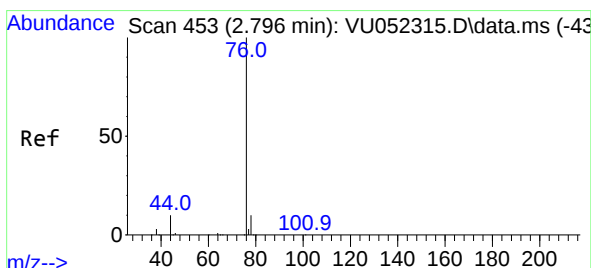
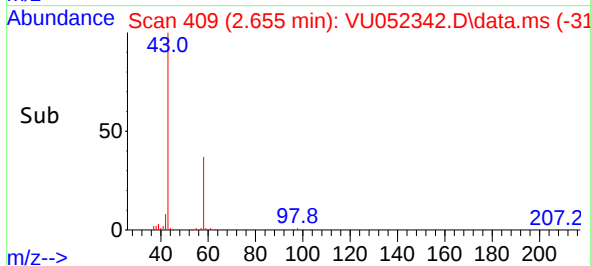
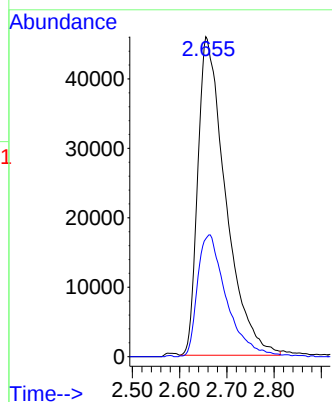
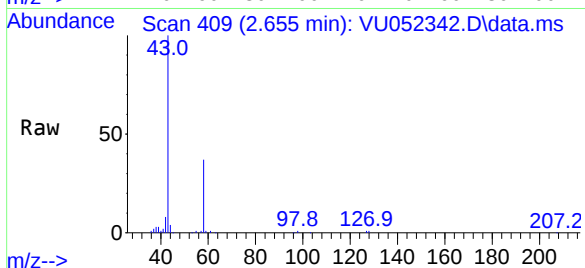
VSTD005103

Tgt Ion: 43 Resp: 187498

Ion Ratio Lower Upper

43 100

58 39.8 0.0 76.0



#14

Carbon disulfide

Concen: 4.427 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU052342.D

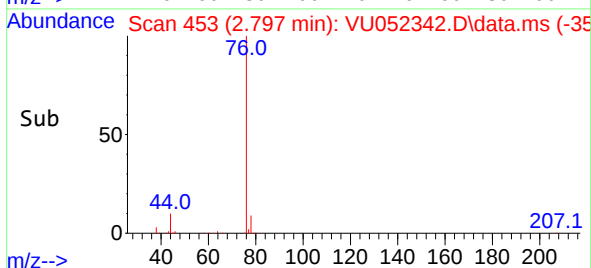
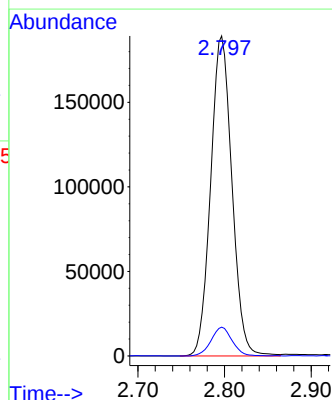
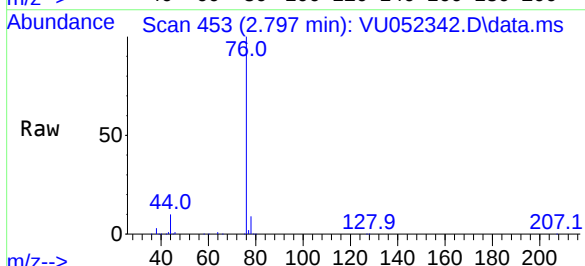
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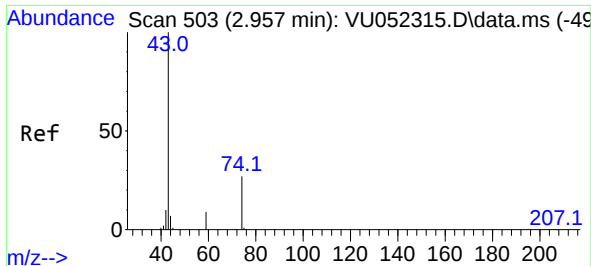
Tgt Ion: 76 Resp: 322988

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

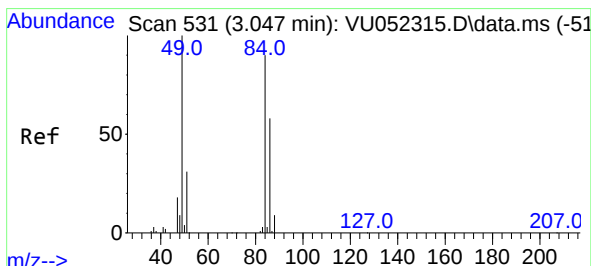
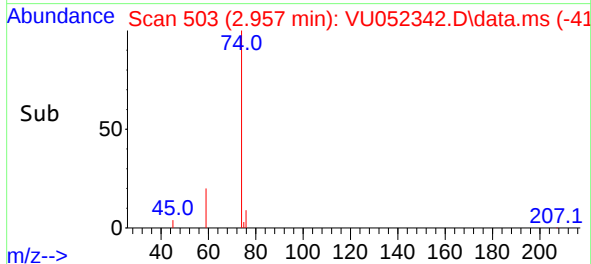
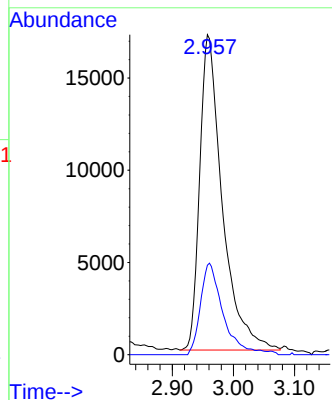
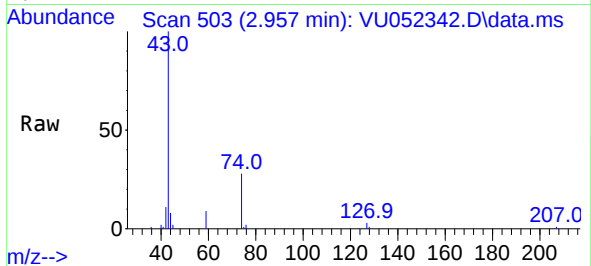




#15
Methyl Acetate
Concen: 4.861 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

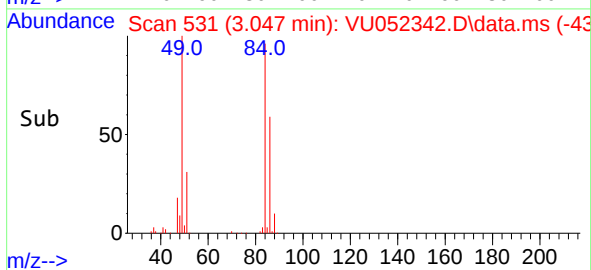
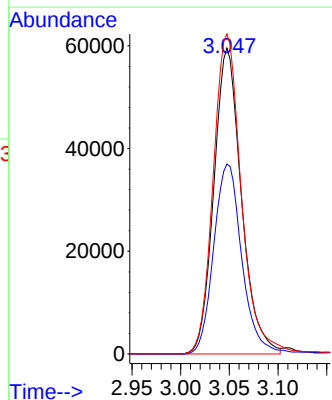
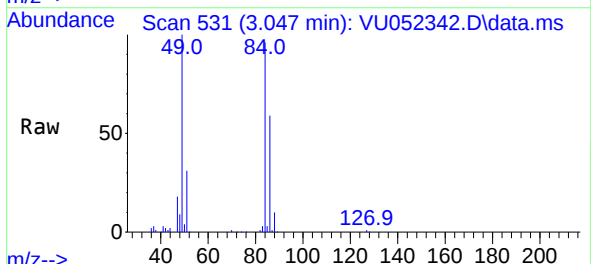
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

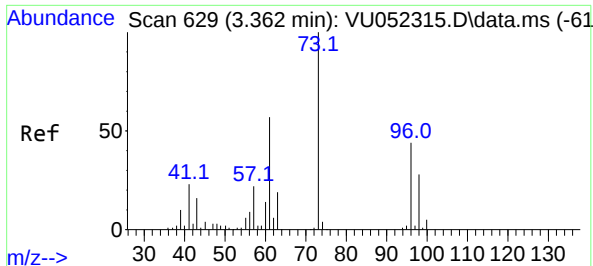
Tgt Ion: 43 Resp: 43855
Ion Ratio Lower Upper
43 100
74 28.3 21.3 31.9



#16
Methylene chloride
Concen: 4.108 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 84 Resp: 117133
Ion Ratio Lower Upper
84 100
86 62.1 43.8 81.4
49 104.6 75.9 141.1

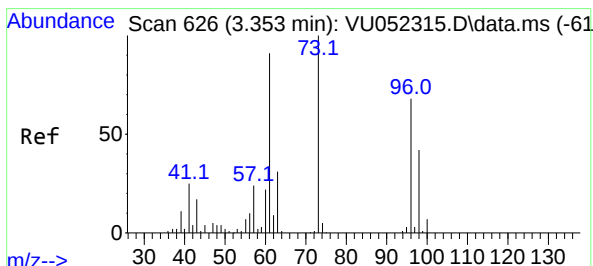
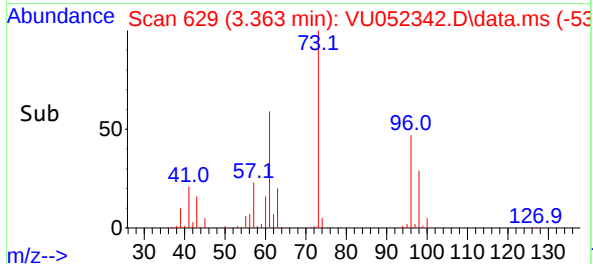
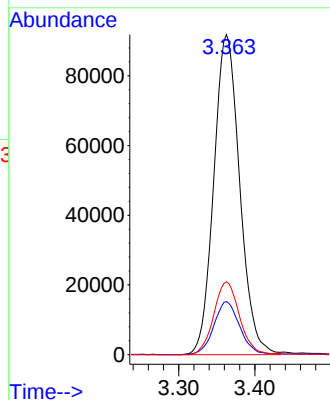
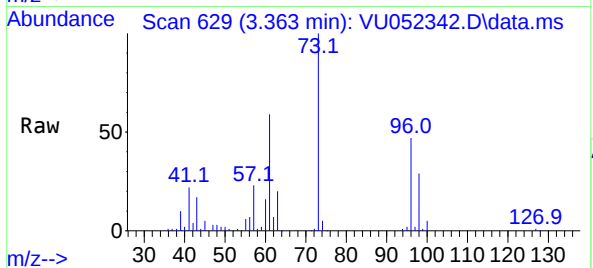




#17
Methyl tert-butyl Ether
Concen: 4.614 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

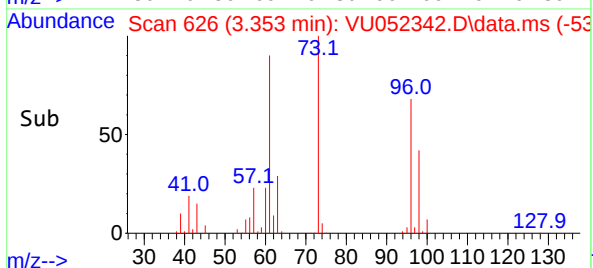
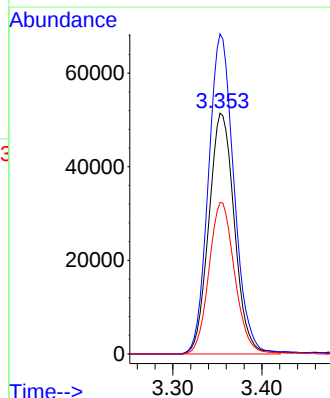
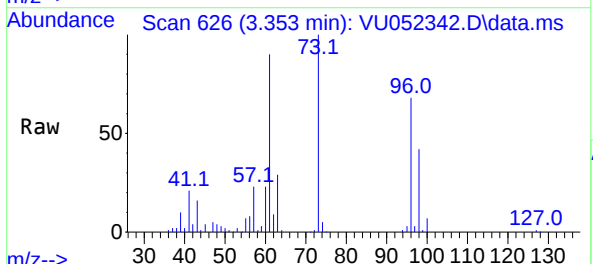
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

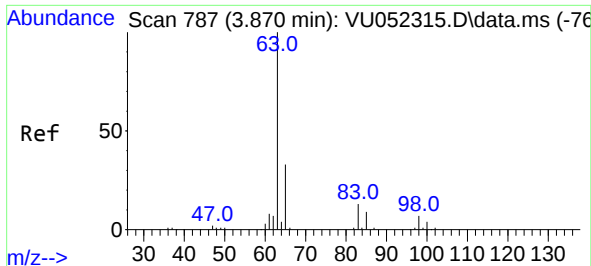
Tgt Ion: 73 Resp: 217676
Ion Ratio Lower Upper
73 100
43 16.7 13.2 19.8
57 22.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.545 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 96 Resp: 102665
Ion Ratio Lower Upper
96 100
61 132.9 97.9 181.7
98 62.9 43.8 81.3

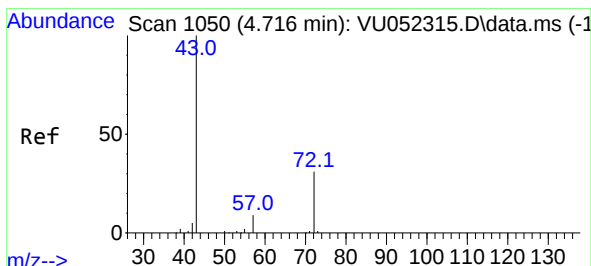
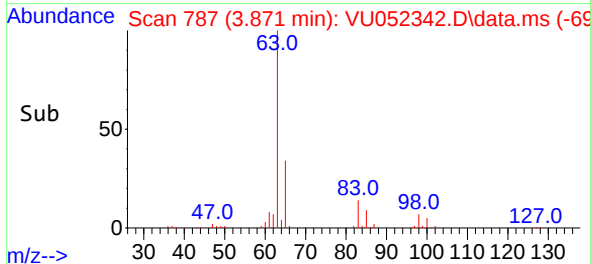
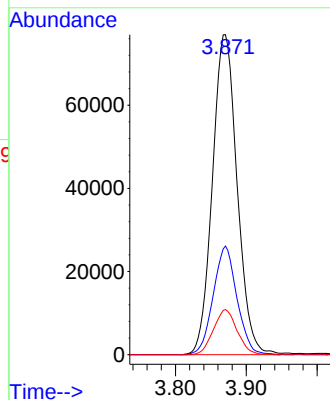
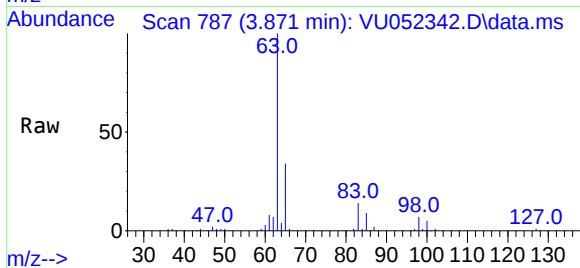




#19
1,1-Dichloroethane
Concen: 4.577 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

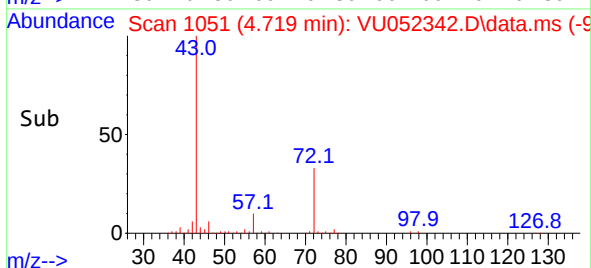
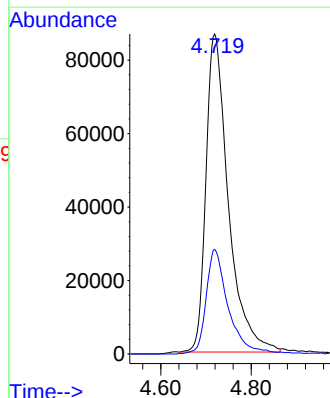
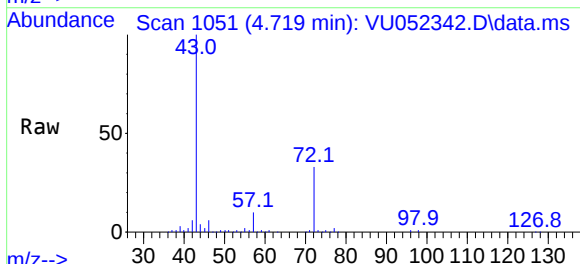
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

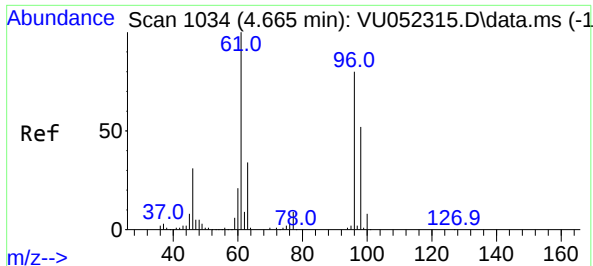
Tgt Ion: 63 Resp: 186331
Ion Ratio Lower Upper
63 100
65 33.9 22.2 41.2
83 14.1 9.2 17.0



#21
2-Butanone
Concen: 53.592 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 43 Resp: 298757
Ion Ratio Lower Upper
43 100
72 32.3 15.6 46.8



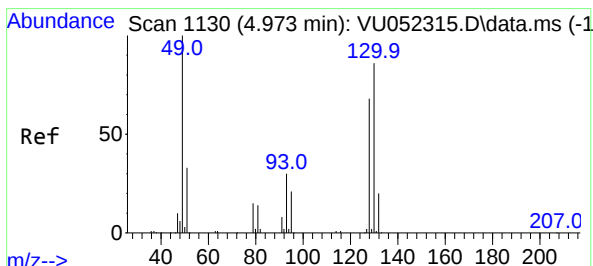
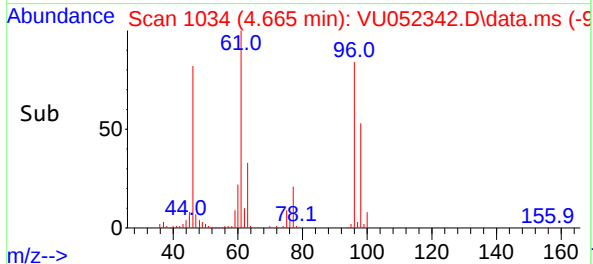
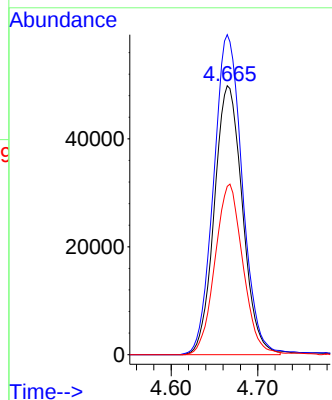
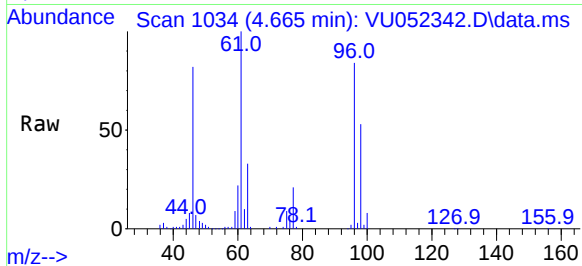


#22
 cis-1,2-Dichloroethene
 Concen: 4.751 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052342.D
 Acq: 12 Dec 2022 10:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Tgt Ion: 96 Resp: 112636

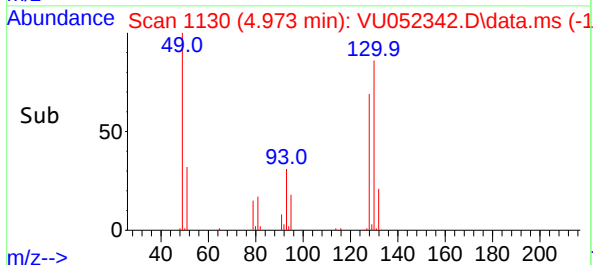
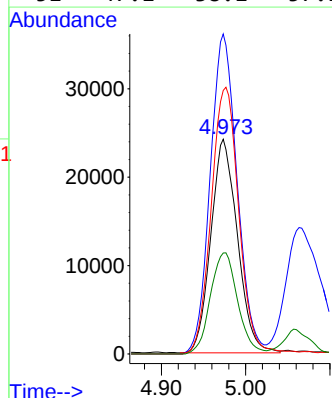
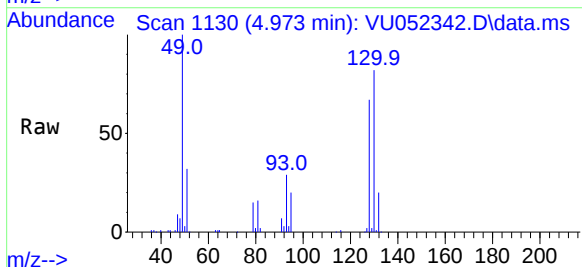
Ion	Ratio	Lower	Upper
96	100		
61	119.0	85.1	158.1
98	62.6	42.8	79.6

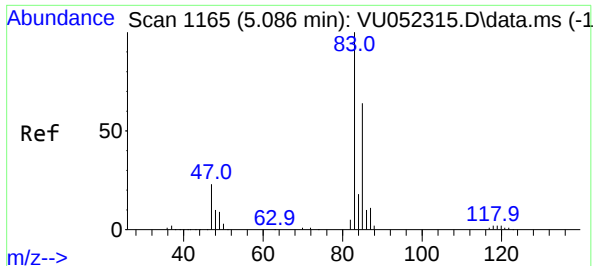


#23
 Bromochloromethane
 Concen: 4.677 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU052342.D
 Acq: 12 Dec 2022 10:21

Tgt Ion: 128 Resp: 53056

Ion	Ratio	Lower	Upper
128	100		
49	149.1	104.0	193.2
130	122.8	84.6	157.2
51	47.1	38.1	57.1





#25

Chloroform

Concen: 4.571 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

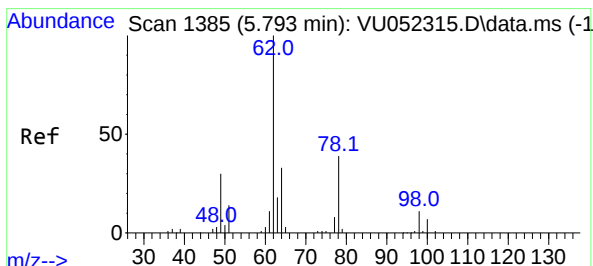
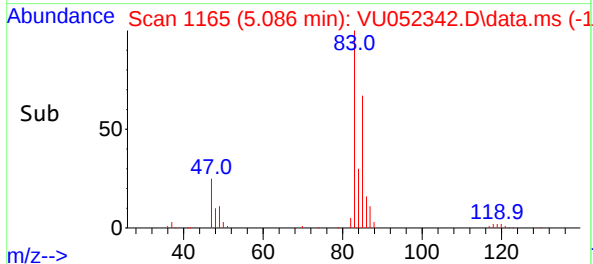
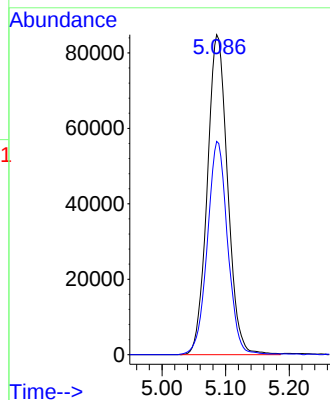
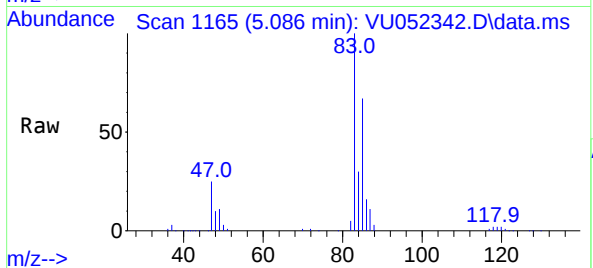
VSTD005103

Tgt Ion: 83 Resp: 188596

Ion Ratio Lower Upper

83 100

85 66.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.616 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU052342.D

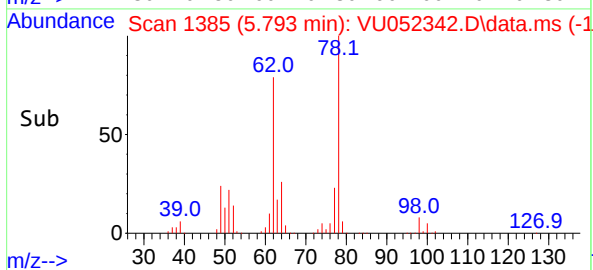
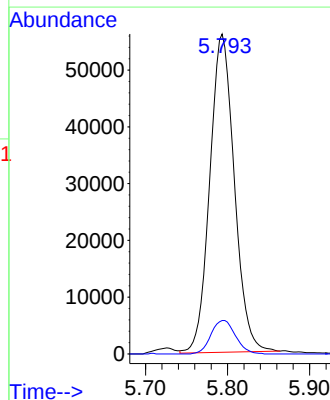
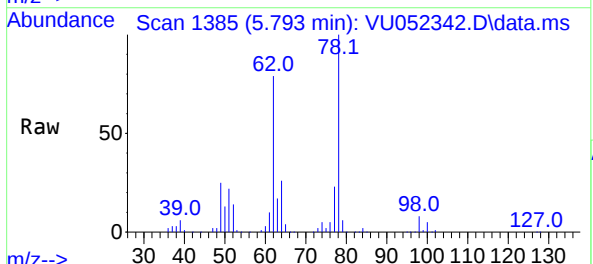
Acq: 12 Dec 2022 10:21

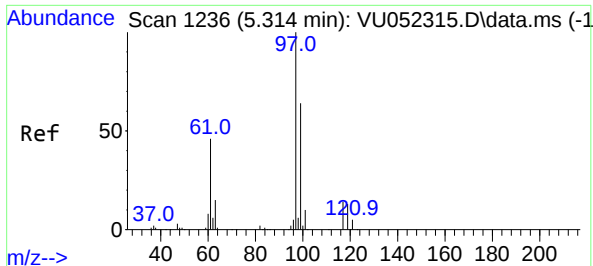
Tgt Ion: 62 Resp: 116649

Ion Ratio Lower Upper

62 100

98 10.4 8.4 12.6



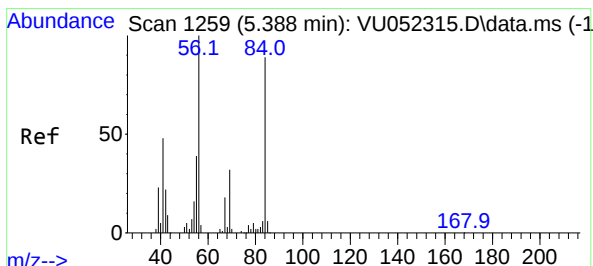
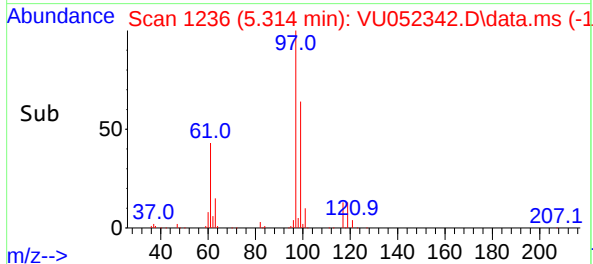
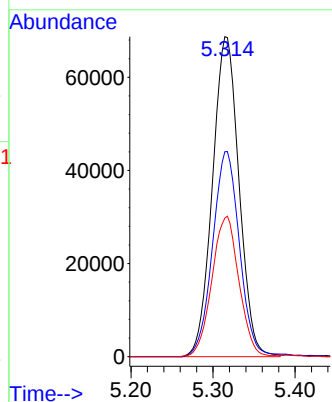
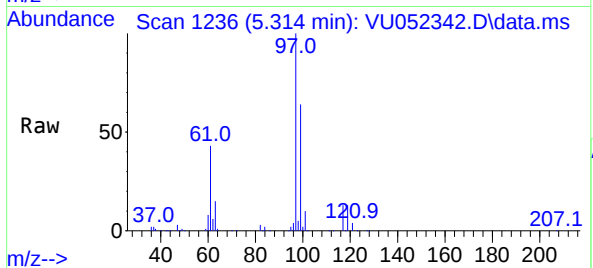


#29
1,1,1-Trichloroethane
Concen: 4.920 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

Tgt Ion: 97 Resp: 154712

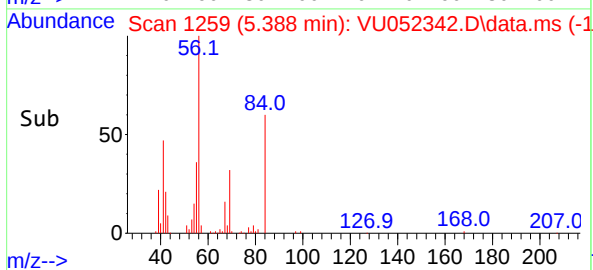
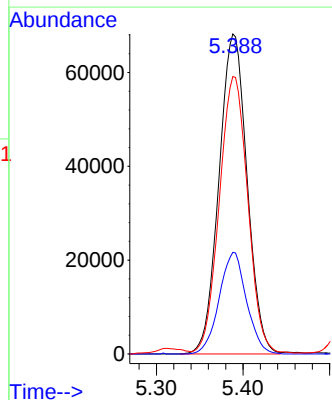
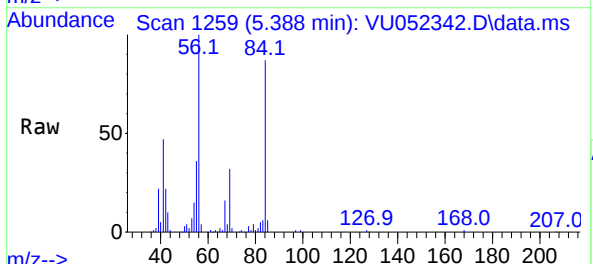
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.6
61	44.6	36.9	55.3

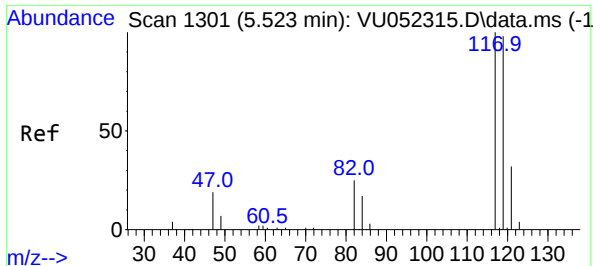


#30
Cyclohexane
Concen: 5.035 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 56 Resp: 153727

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.6	38.4
84	88.0	72.0	108.0

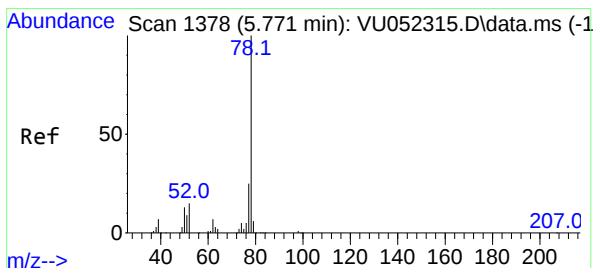
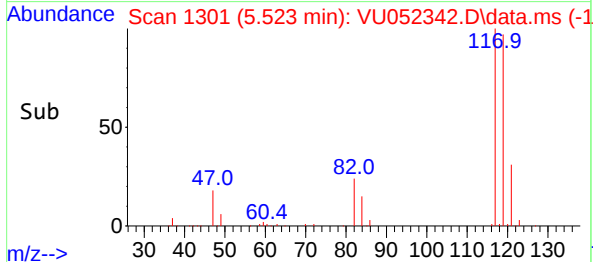
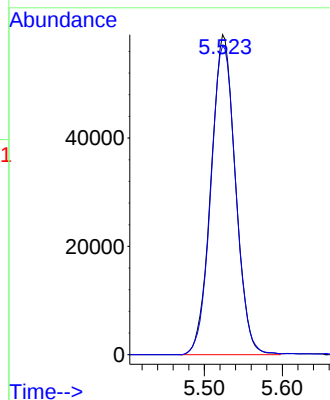
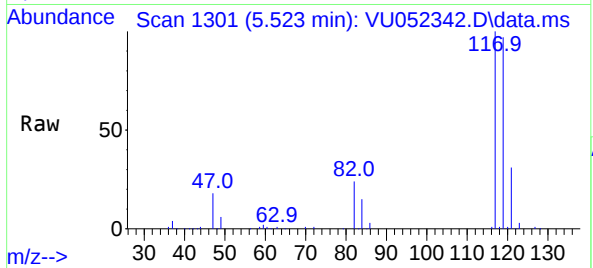




#31
Carbon tetrachloride
Concen: 4.815 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

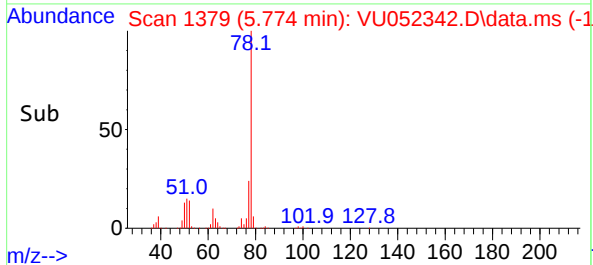
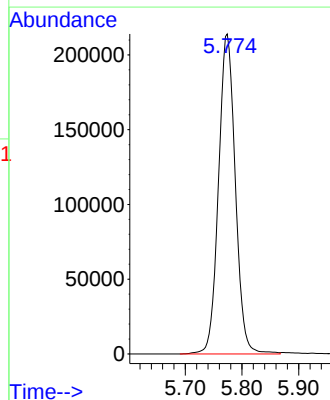
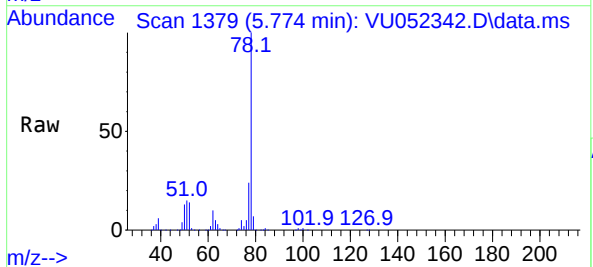
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

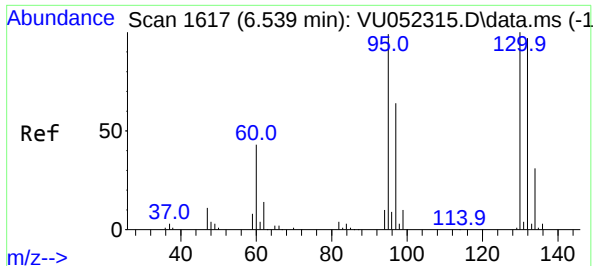
Tgt Ion:117 Resp: 128652
Ion Ratio Lower Upper
117 100
119 98.2 77.2 115.8



#33
Benzene
Concen: 4.778 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 78 Resp: 440709





#34

Trichloroethene

Concen: 4.743 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005103

Tgt Ion: 95 Resp: 109123

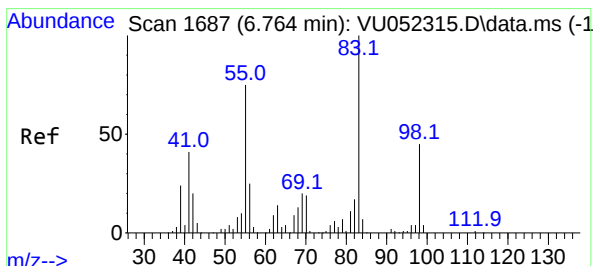
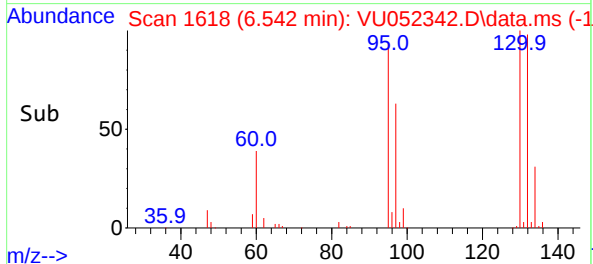
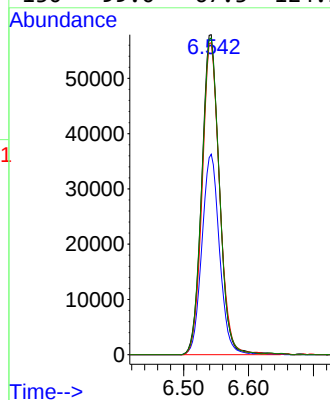
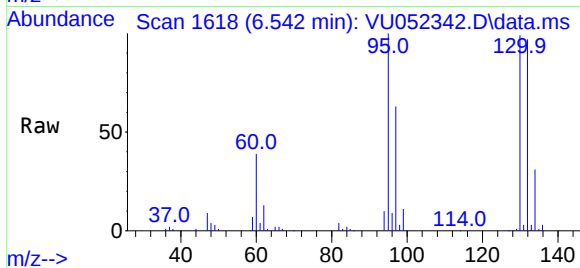
Ion Ratio Lower Upper

95 100

97 62.6 43.7 81.1

132 97.5 64.3 119.3

130 99.0 67.3 124.9



#35

Methylcyclohexane

Concen: 5.002 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

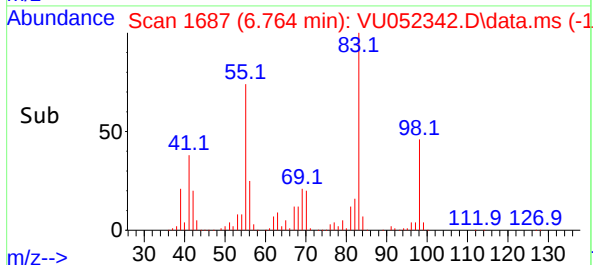
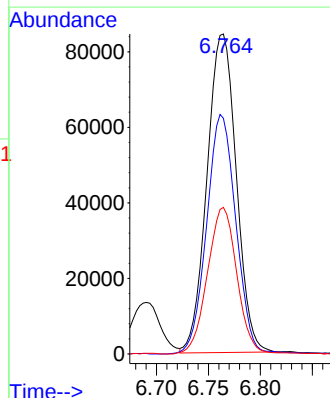
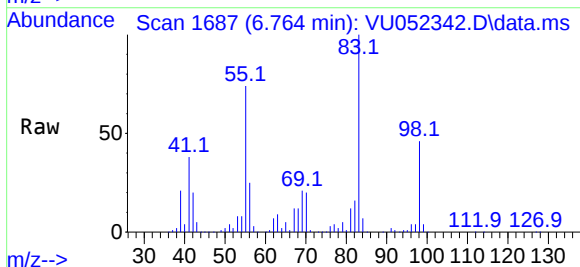
Tgt Ion: 83 Resp: 165520

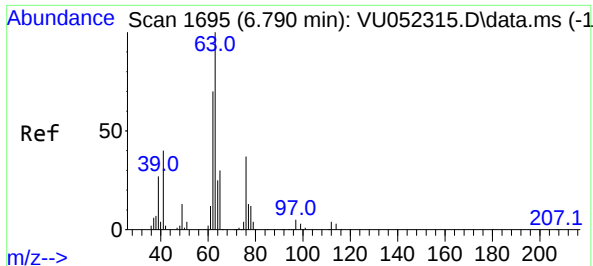
Ion Ratio Lower Upper

83 100

55 75.4 60.8 91.2

98 46.3 35.1 52.7

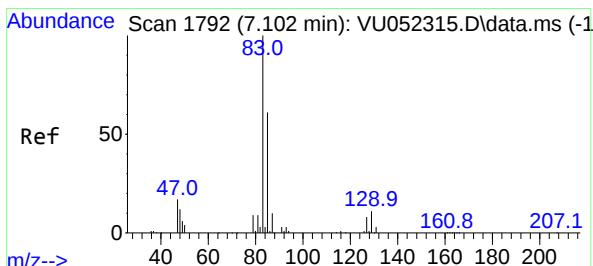
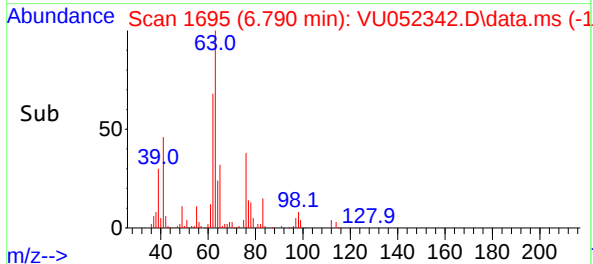
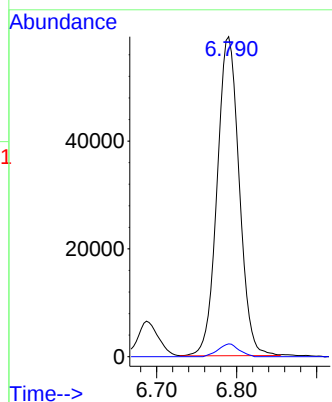
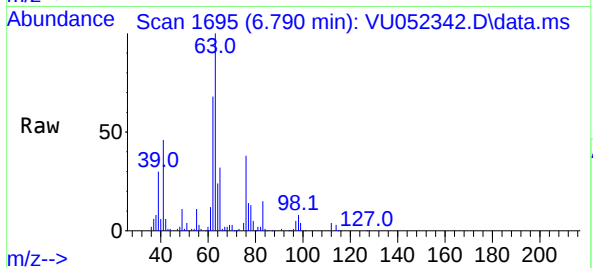




#37
1,2-Dichloropropane
Concen: 4.745 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

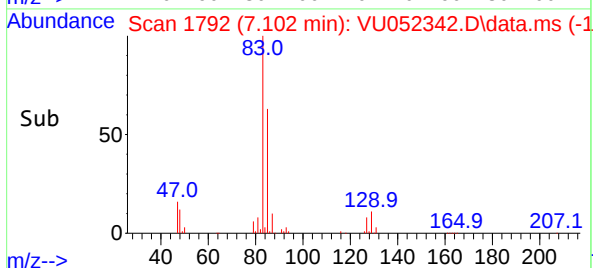
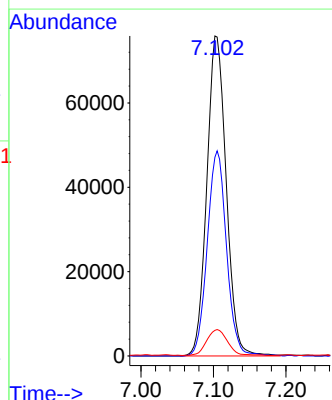
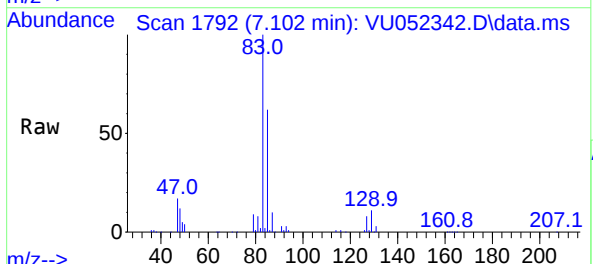
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

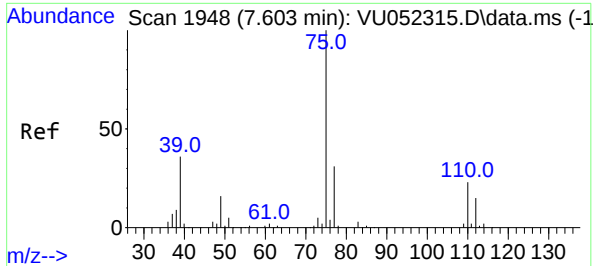
Tgt Ion: 63 Resp: 113320
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 4.844 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 83 Resp: 141048
Ion Ratio Lower Upper
83 100
85 62.1 43.5 80.9
127 8.0 6.8 10.2

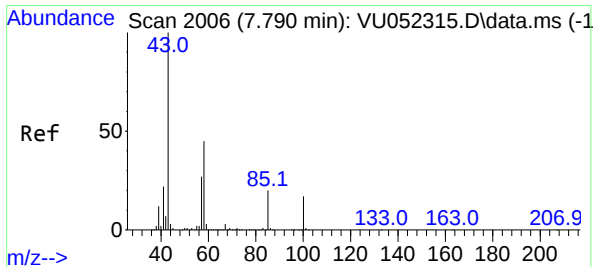
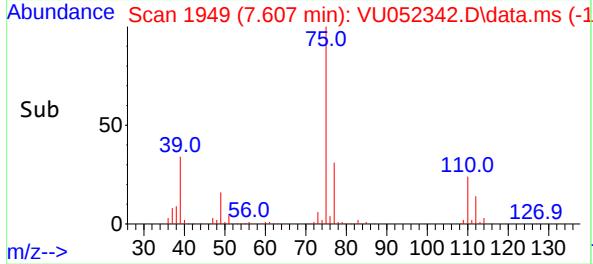
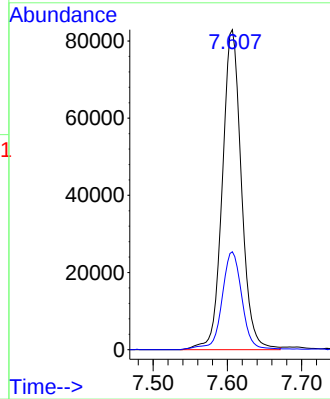
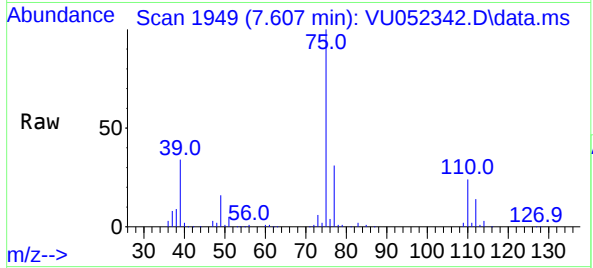




#39
 cis-1,3-Dichloropropene
 Concen: 4.841 ug/L
 RT: 7.607 min Scan# 1948
 Delta R.T. 0.003 min
 Lab File: VU052342.D
 Acq: 12 Dec 2022 10:21

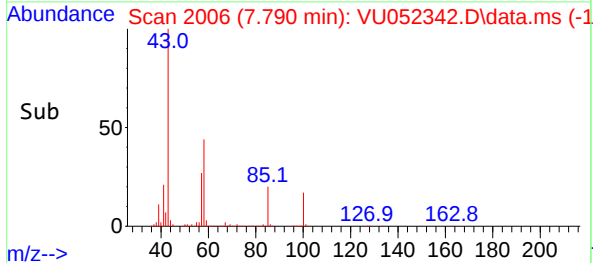
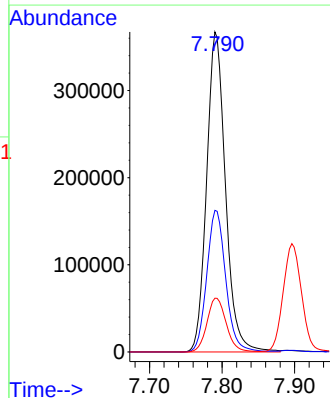
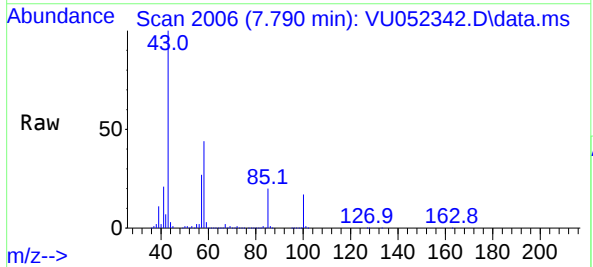
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

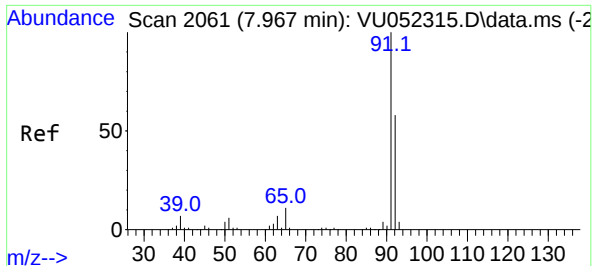
Tgt Ion: 75 Resp: 148422
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.164 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VU052342.D
 Acq: 12 Dec 2022 10:21

Tgt Ion: 43 Resp: 663184
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.3 52.9
 100 17.2 13.6 20.4





#42

Toluene

Concen: 4.955 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

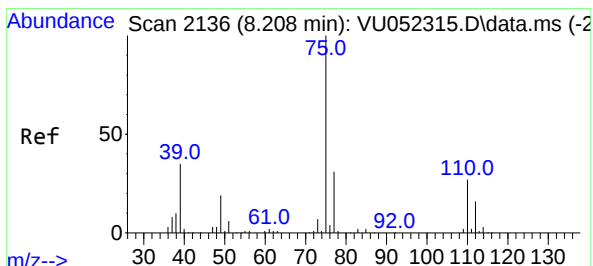
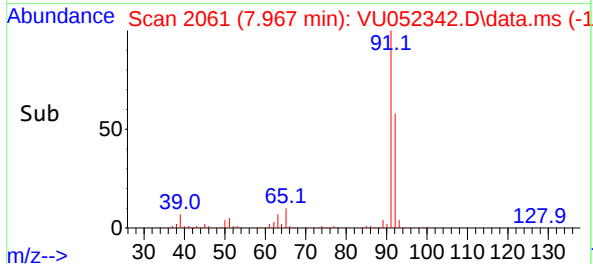
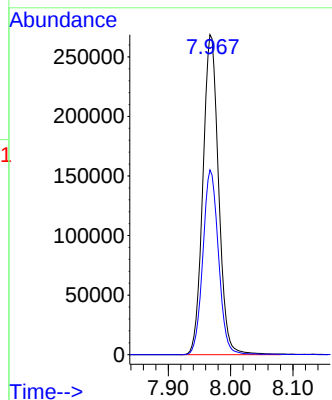
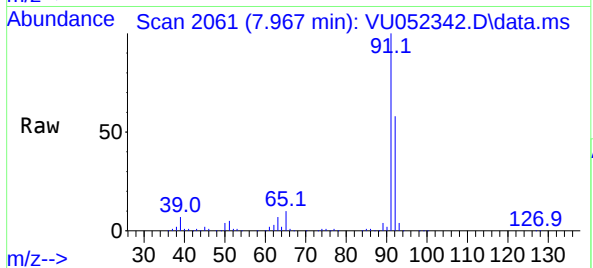
VSTD005103

Tgt Ion: 91 Resp: 470069

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.001 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052342.D

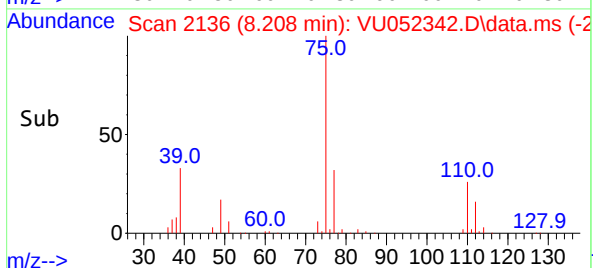
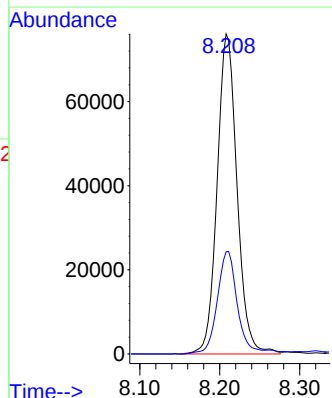
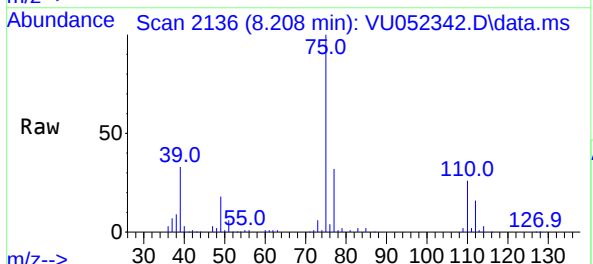
Acq: 12 Dec 2022 10:21

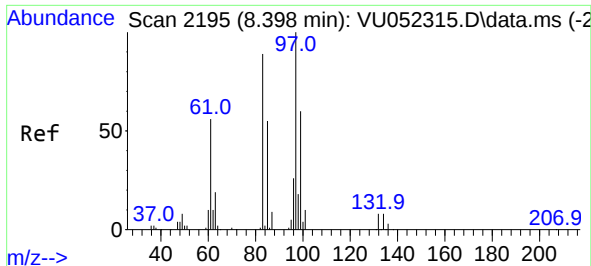
Tgt Ion: 75 Resp: 131303

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



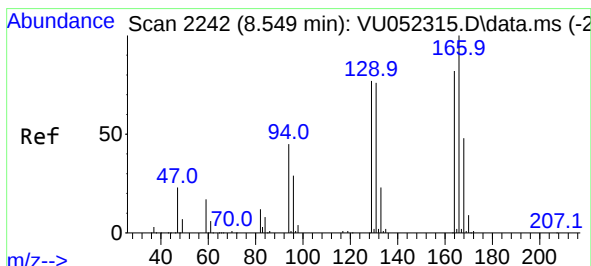
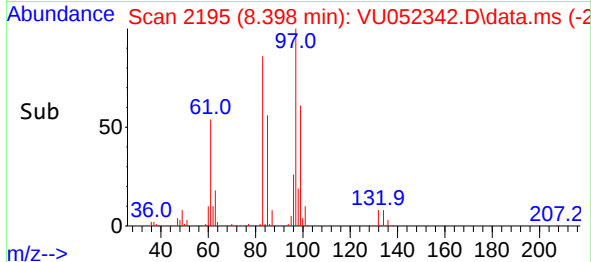
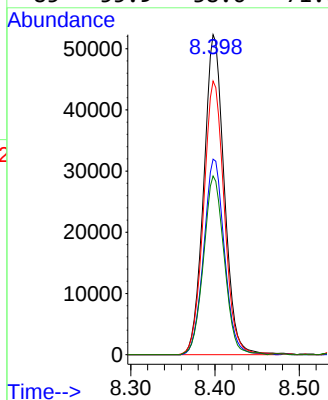
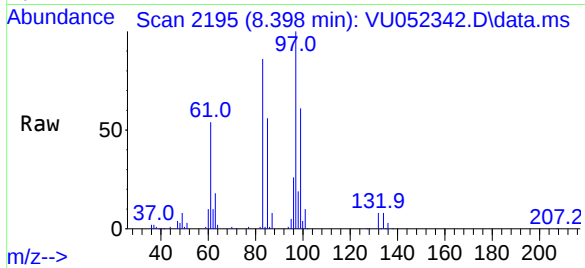


#45
1,1,2-Trichloroethane
Concen: 4.927 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

Tgt Ion: 97 Resp: 88420

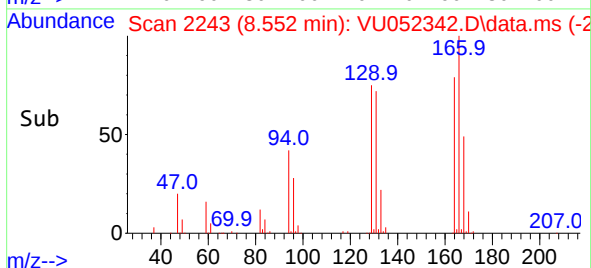
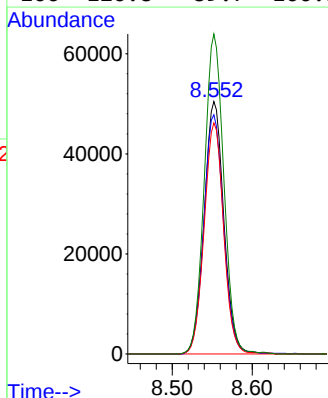
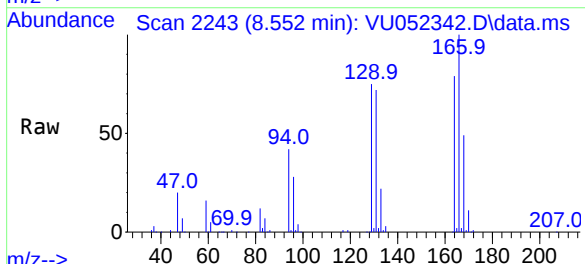
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.6	79.2
83	85.5	60.7	112.7
85	55.9	38.6	71.6

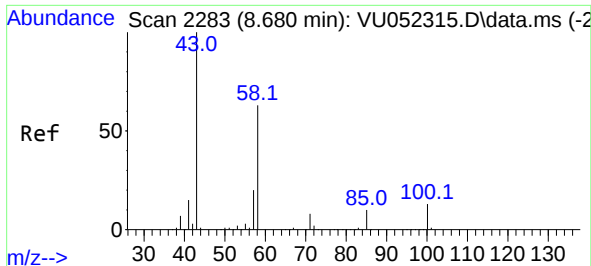


#47
Tetrachloroethene
Concen: 4.920 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 164 Resp: 86737

Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.4	125.2
131	91.6	67.1	124.7
166	126.8	89.7	166.5

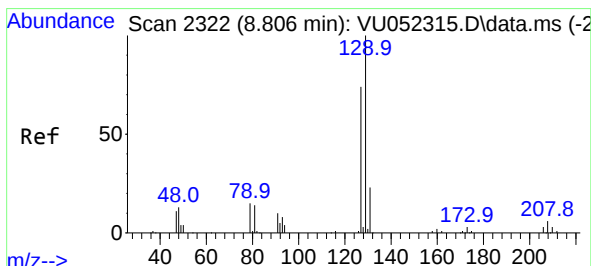
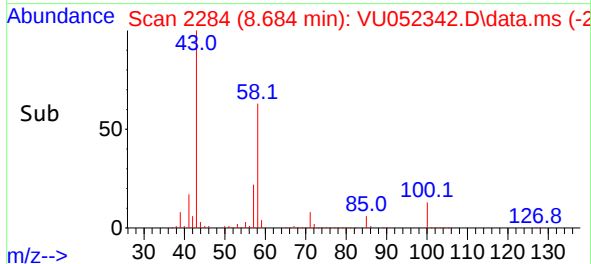
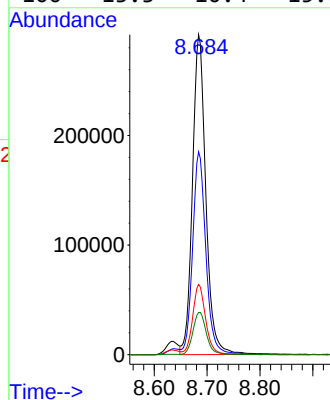
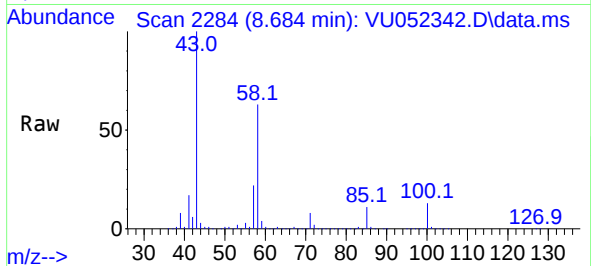




#48
2-Hexanone
Concen: 55.942 ug/L
RT: 8.684 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

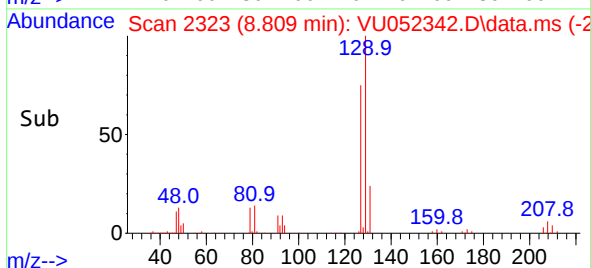
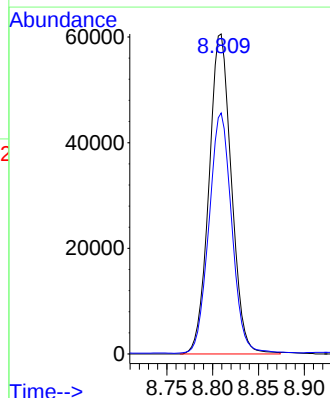
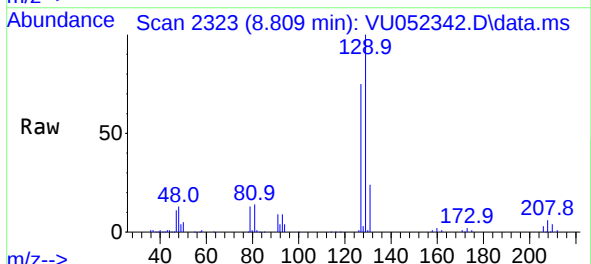
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

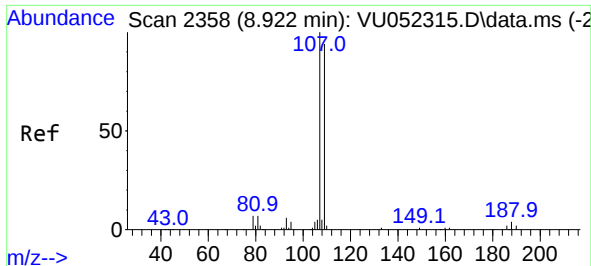
Tgt Ion: 43 Resp: 511599
Ion Ratio Lower Upper
43 100
58 62.5 49.4 74.0
57 21.2 16.3 24.5
100 13.3 10.4 15.6



#49
Dibromochloromethane
Concen: 5.131 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 129 Resp: 103124
Ion Ratio Lower Upper
129 100
127 75.3 52.8 98.2

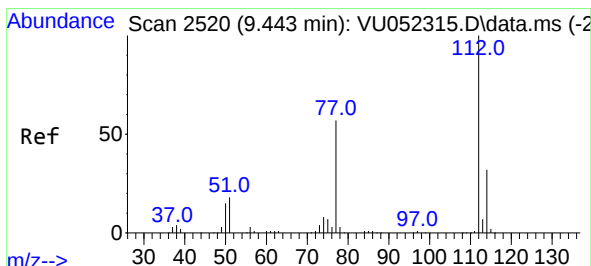
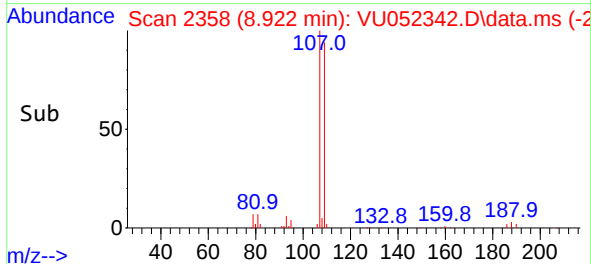
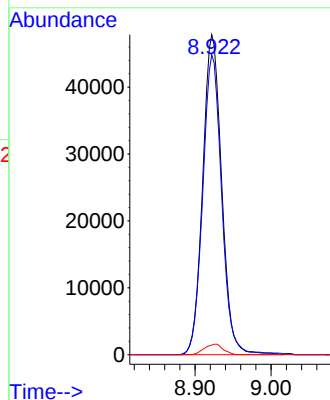
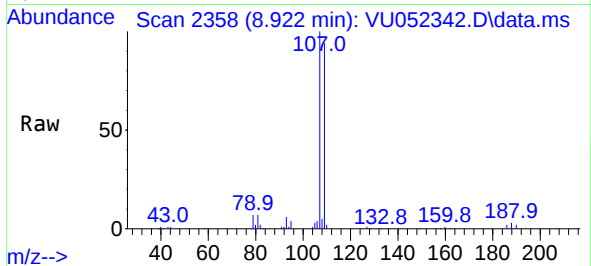




#50
1,2-Dibromoethane
Concen: 5.070 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

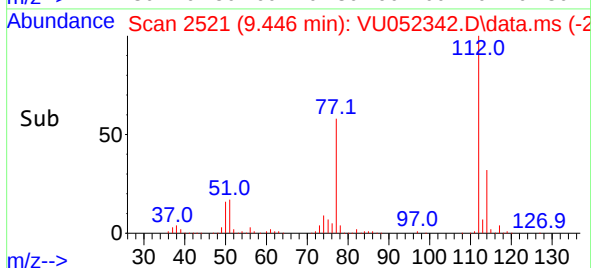
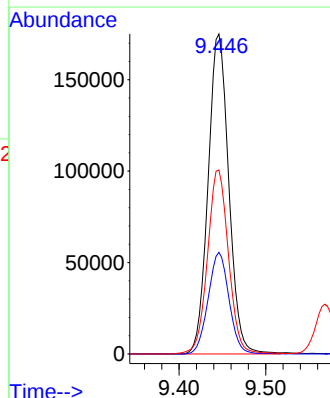
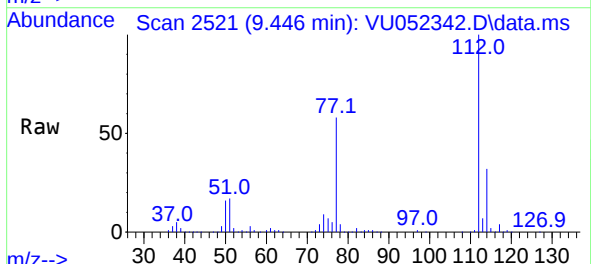
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

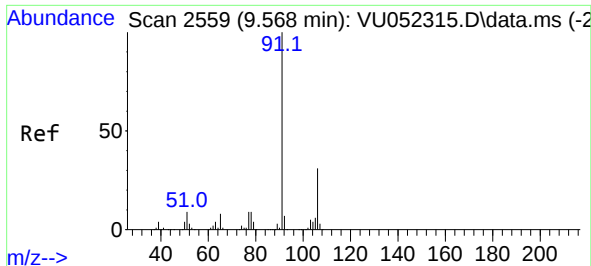
Tgt Ion:	107	Resp:	82870
Ion	Ratio	Lower	Upper
107	100		
109	93.7	64.9	120.5
188	3.0	2.6	4.0



#51
Chlorobenzene
Concen: 4.798 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion:	112	Resp:	290251
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	57.5	46.6	70.0





#52

Ethylbenzene

Concen: 4.965 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

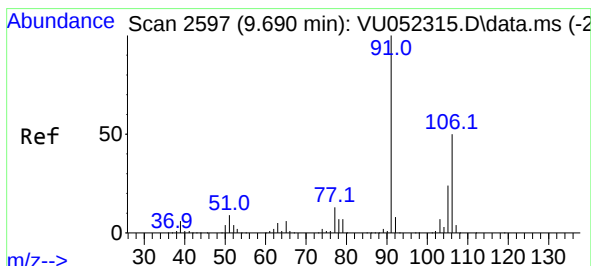
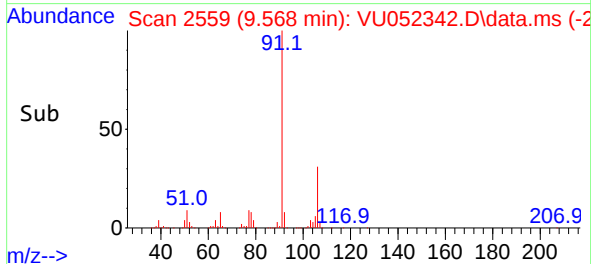
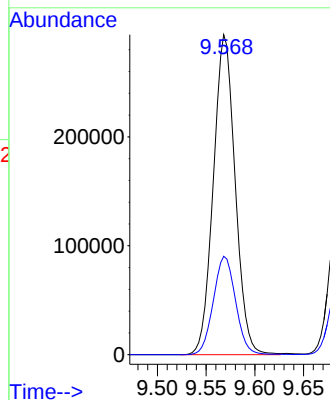
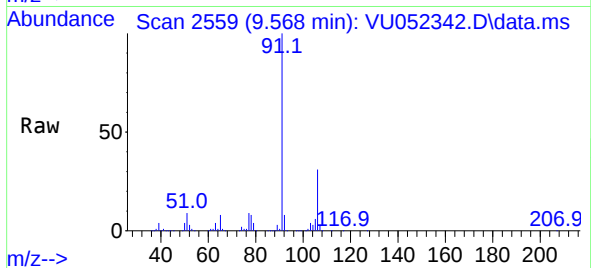
VSTD005103

Tgt Ion: 91 Resp: 457987

Ion Ratio Lower Upper

91 100

106 30.8 22.3 41.3



#53

m,p-Xylene

Concen: 5.063 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU052342.D

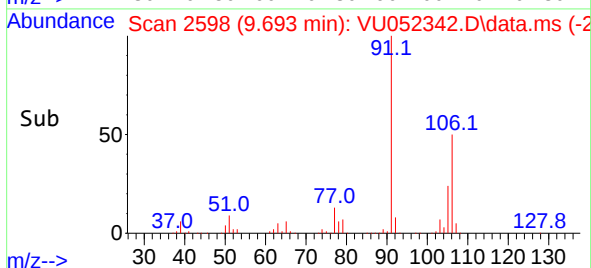
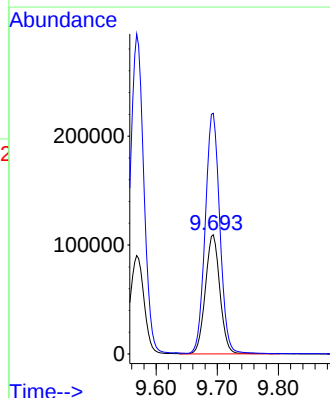
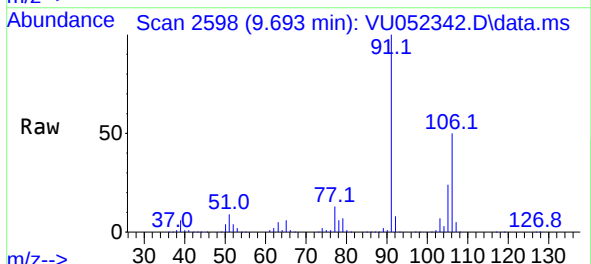
Acq: 12 Dec 2022 10:21

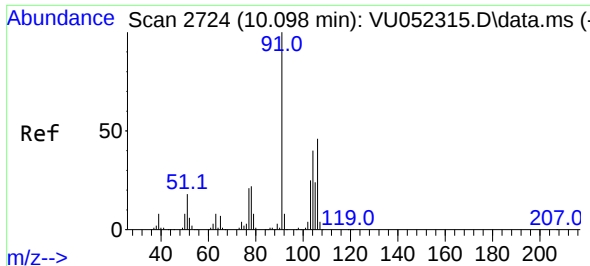
Tgt Ion: 106 Resp: 180819

Ion Ratio Lower Upper

106 100

91 202.0 137.7 255.7

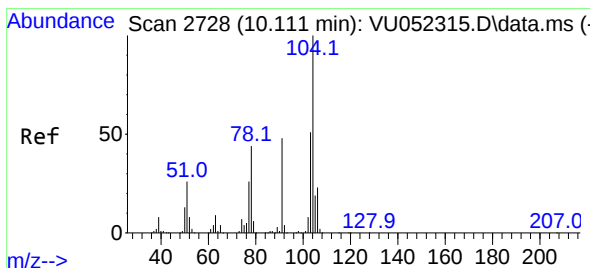
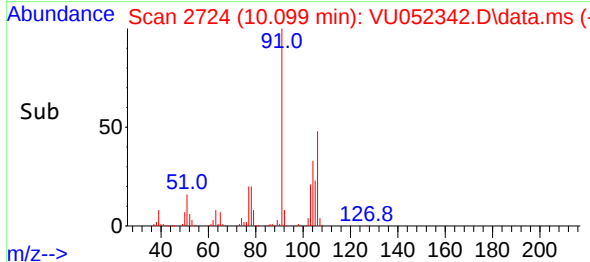
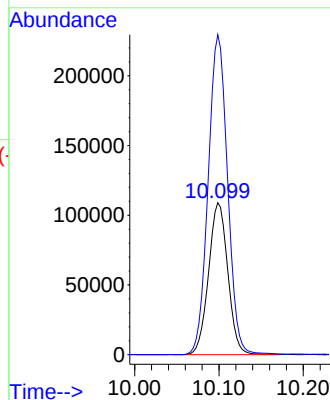
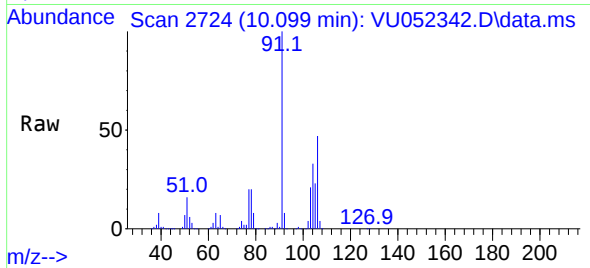




#54
o-Xylene
Concen: 5.067 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

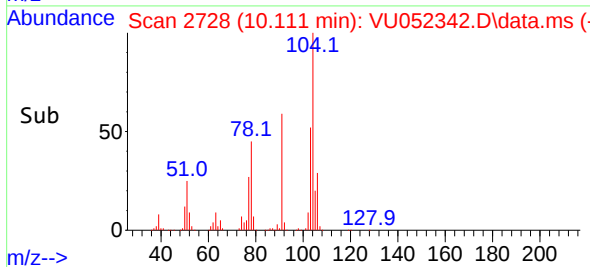
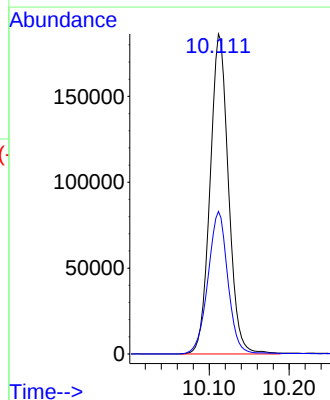
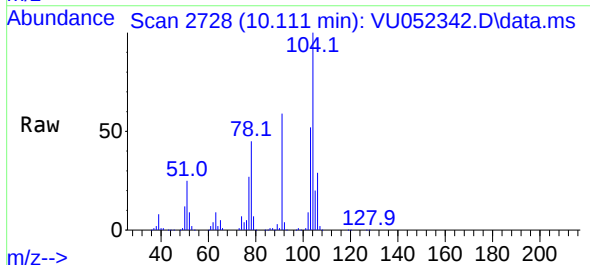
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

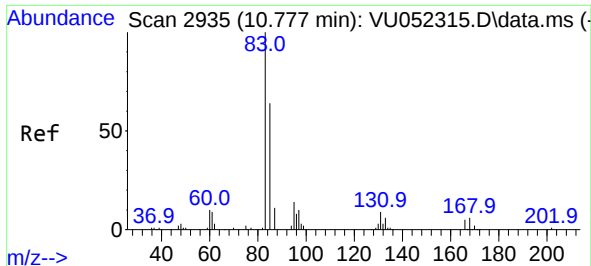
Tgt Ion:106 Resp: 173442
Ion Ratio Lower Upper
106 100
91 210.6 151.5 281.5



#55
Styrene
Concen: 5.162 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion:104 Resp: 298466
Ion Ratio Lower Upper
104 100
78 44.5 30.6 56.8

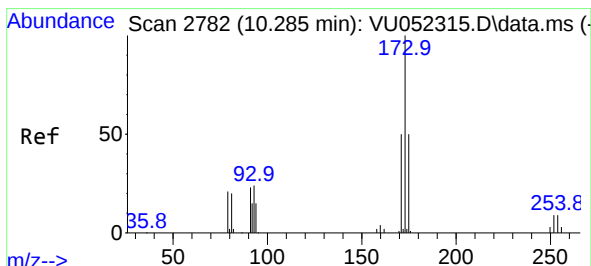
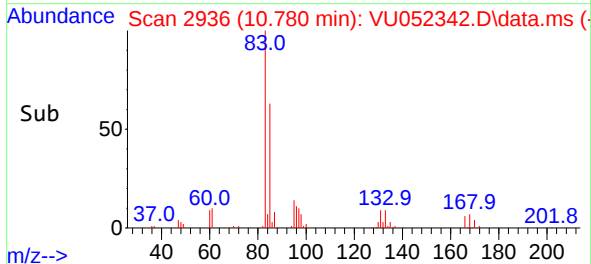
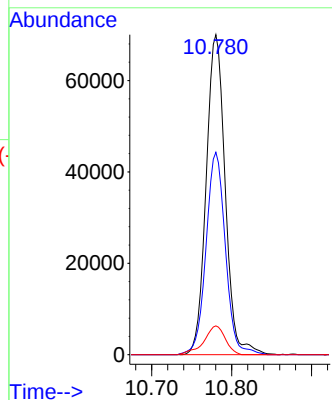
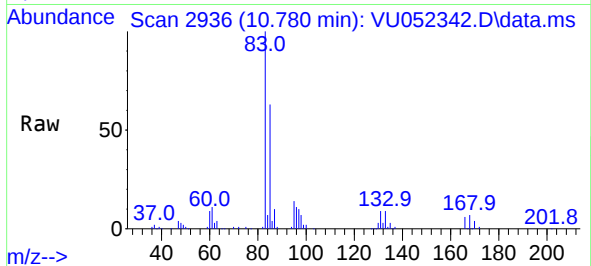




#57
1,1,2,2-Tetrachloroethane
Concen: 5.178 ug/L
RT: 10.780 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

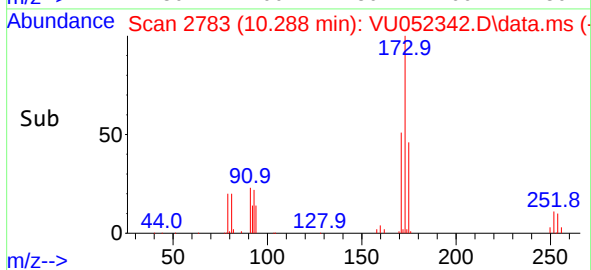
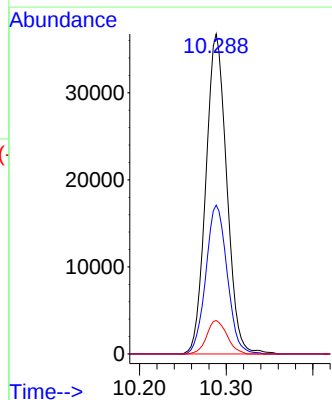
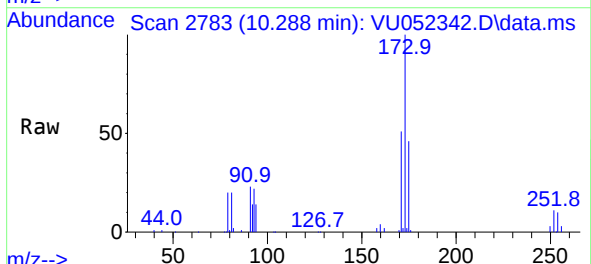
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

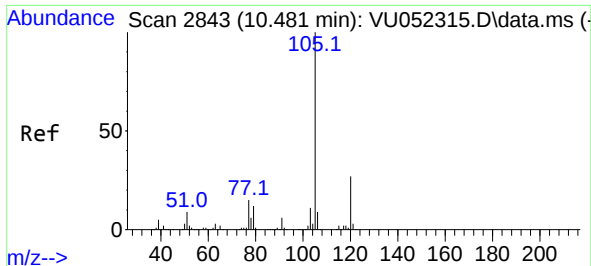
Tgt Ion: 83 Resp: 116052
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9
131 9.0 7.6 11.4



#59
Bromoform
Concen: 4.955 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 173 Resp: 61565
Ion Ratio Lower Upper
173 100
175 47.4 37.2 55.8
254 10.2 7.0 10.6

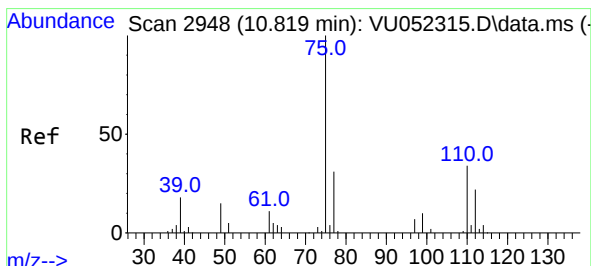
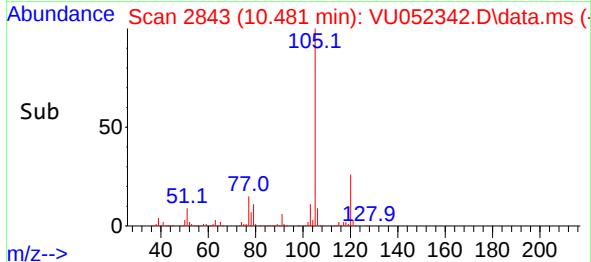
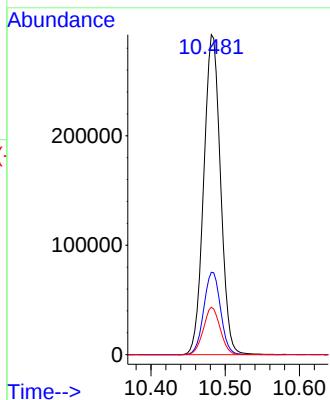
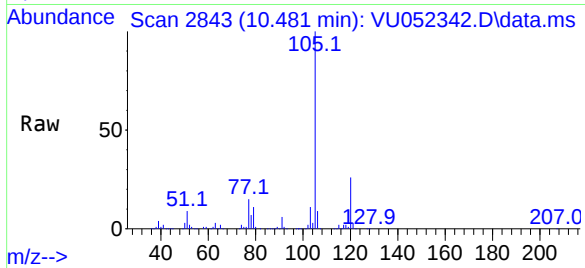




#60
Isopropylbenzene
Concen: 4.833 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

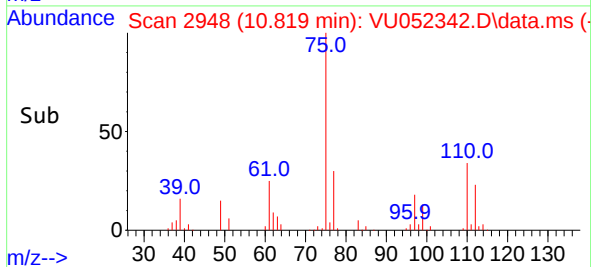
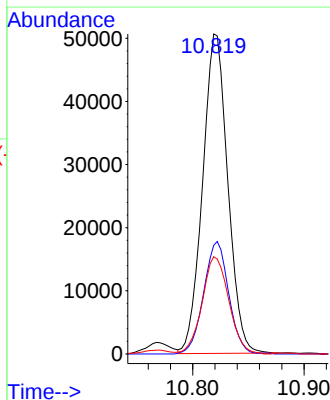
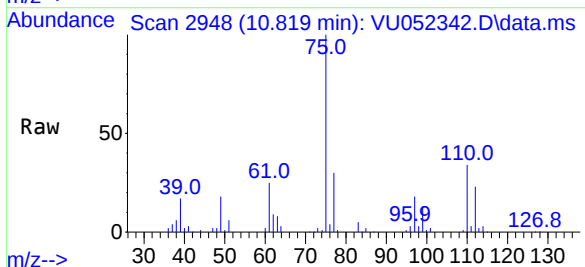
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

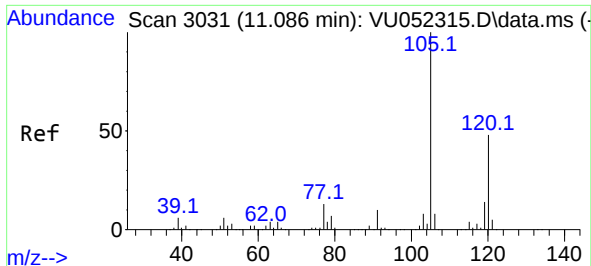
Tgt Ion:105 Resp: 457958
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 14.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.608 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion: 75 Resp: 79546
Ion Ratio Lower Upper
75 100
110 35.0 28.3 42.5
77 32.3 26.2 39.2

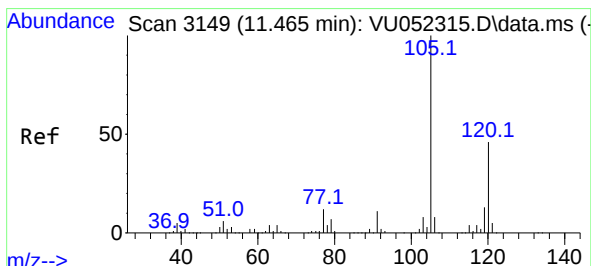
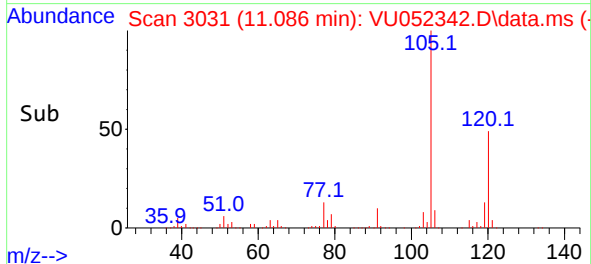
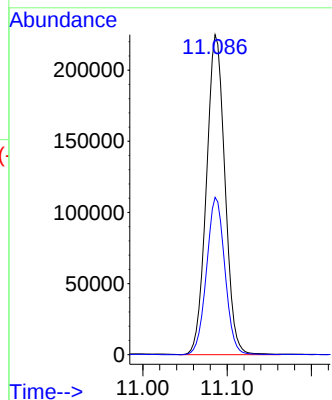
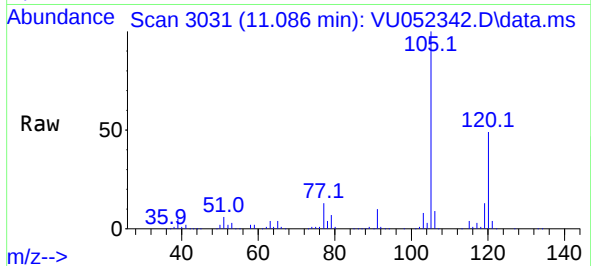




#62
1,3,5-Trimethylbenzene
Concen: 4.544 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

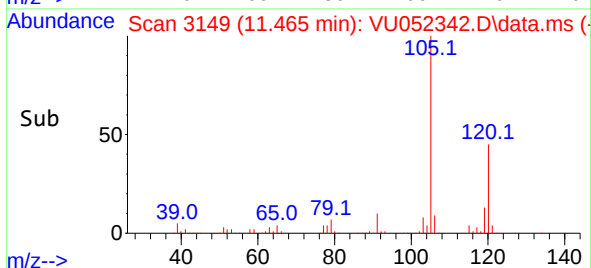
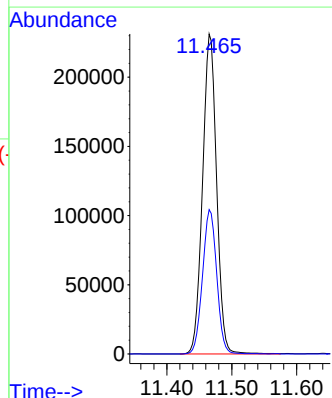
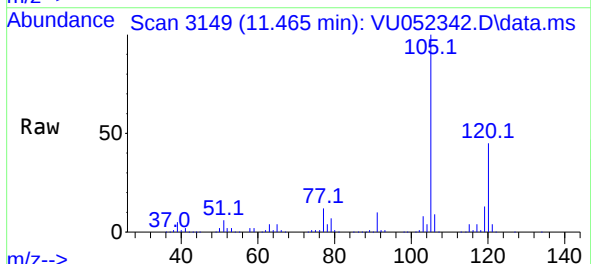
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

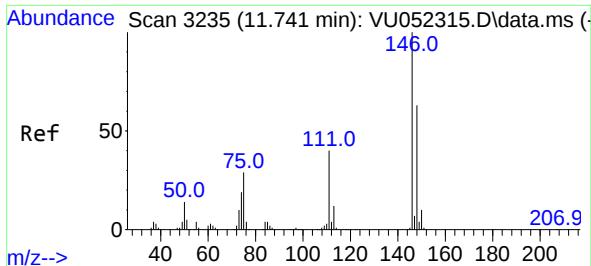
Tgt Ion:105 Resp: 344182
Ion Ratio Lower Upper
105 100
120 48.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.630 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion:105 Resp: 348131
Ion Ratio Lower Upper
105 100
120 45.5 36.6 55.0

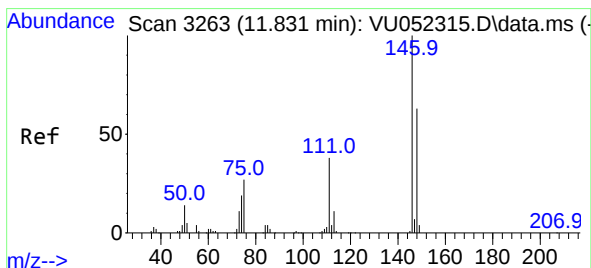
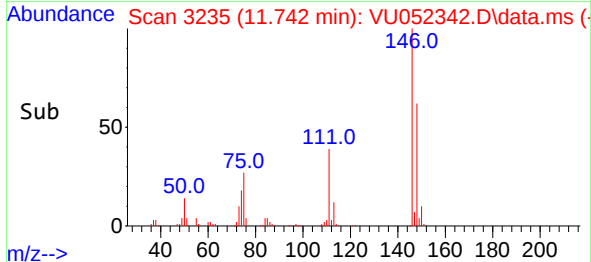
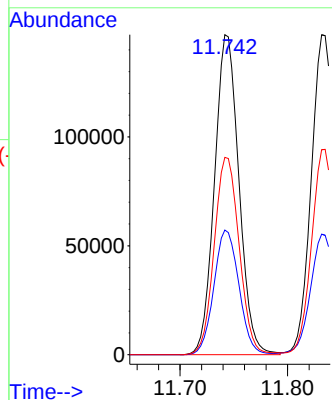
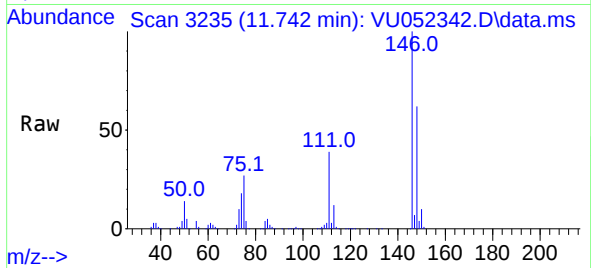




#64
1,3-Dichlorobenzene
Concen: 4.791 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

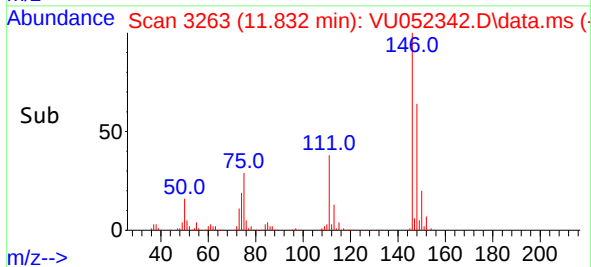
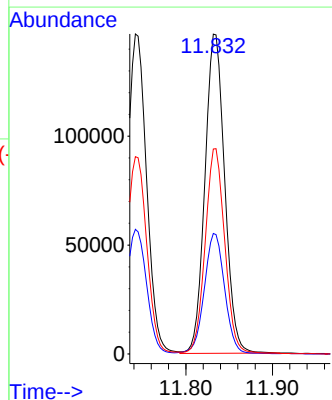
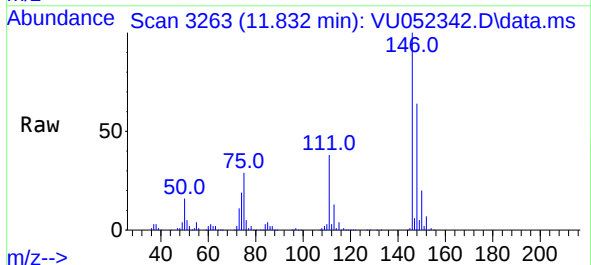
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

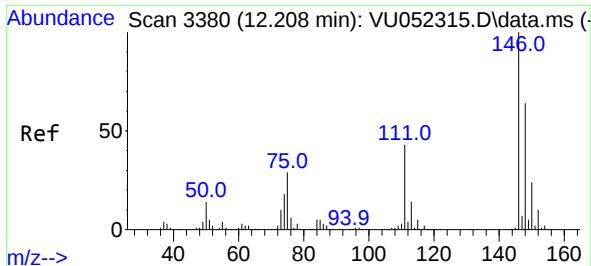
Tgt Ion:146 Resp: 231805
Ion Ratio Lower Upper
146 100
111 39.0 28.6 53.2
148 61.7 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.821 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion:146 Resp: 232626
Ion Ratio Lower Upper
146 100
111 37.7 26.9 50.1
148 64.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.732 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD005103

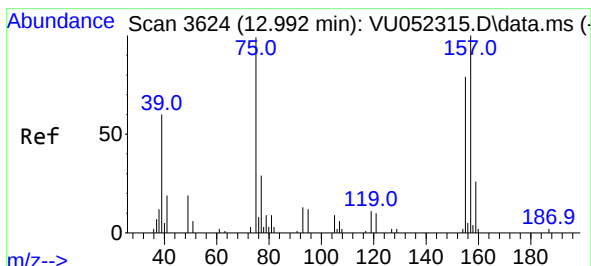
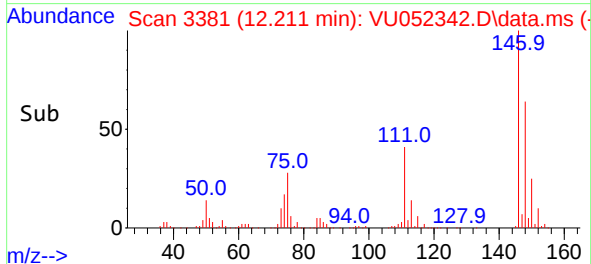
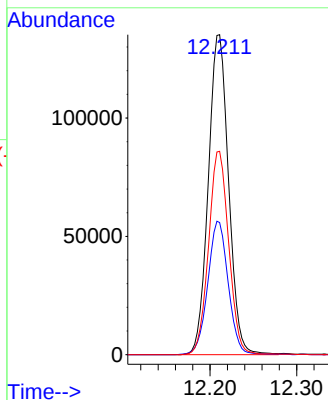
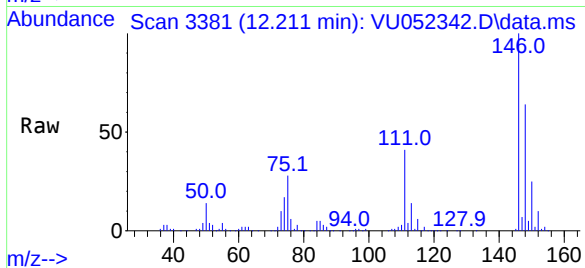
Tgt Ion:146 Resp: 220461

Ion Ratio Lower Upper

146 100

111 41.3 32.7 49.1

148 63.5 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.610 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU052342.D

Acq: 12 Dec 2022 10:21

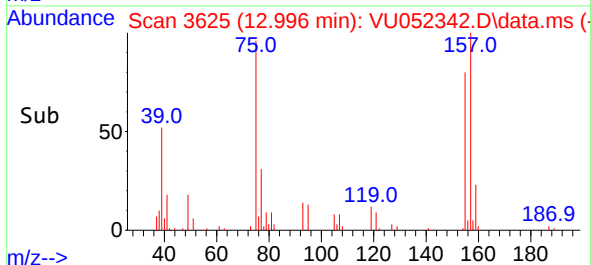
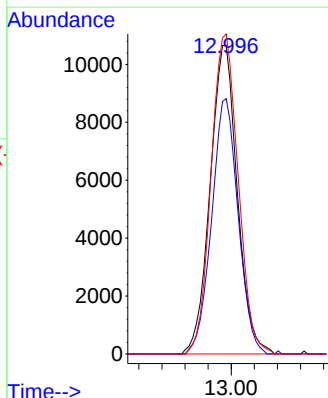
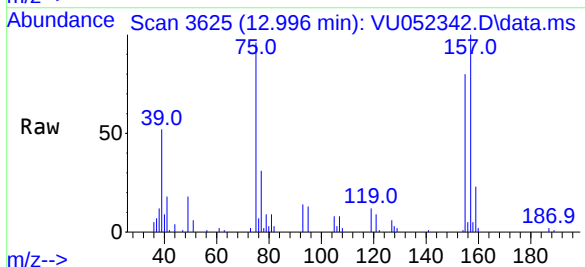
Tgt Ion: 75 Resp: 17415

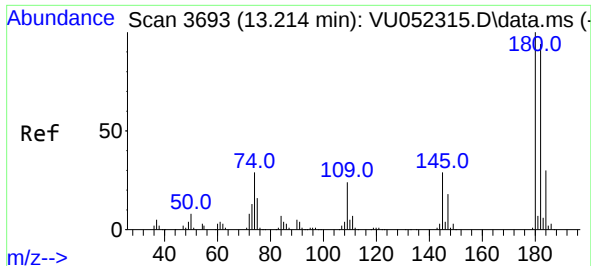
Ion Ratio Lower Upper

75 100

155 82.7 65.4 98.2

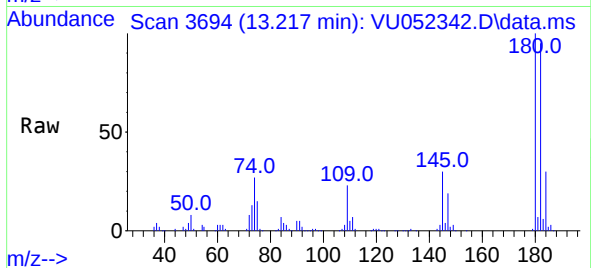
157 103.7 80.5 120.7



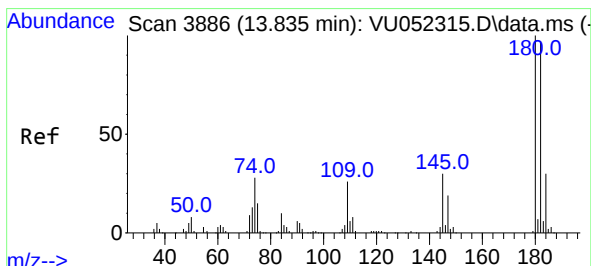
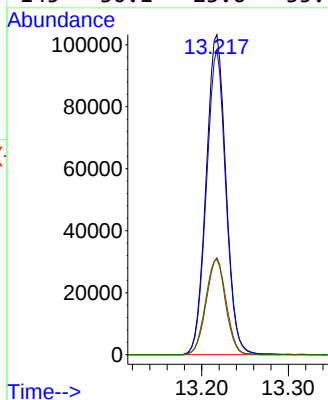
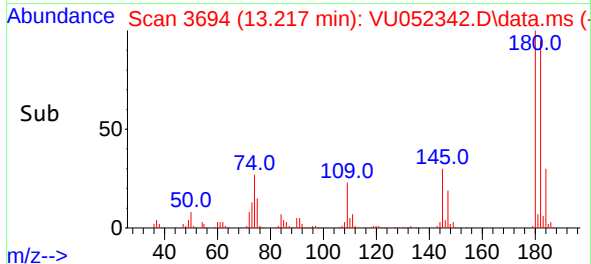


#69
1,3,5-Trichlorobenzene
Concen: 4.791 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

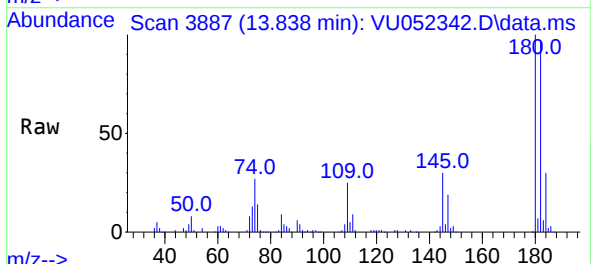
Instrument :
MSVOA_U
ClientSampleId :
VSTD005103



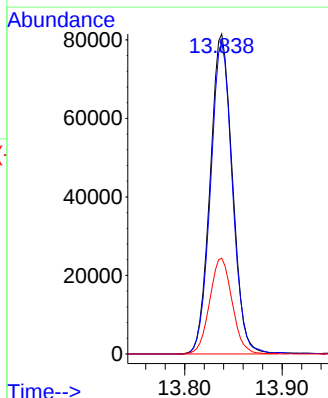
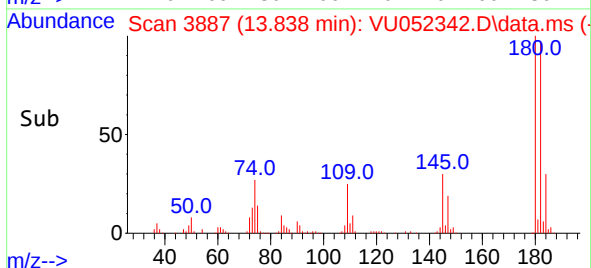
Tgt Ion:180 Resp: 164377
Ion Ratio Lower Upper
180 100
182 93.9 75.7 113.5
184 30.4 24.3 36.5
145 30.1 23.6 35.4

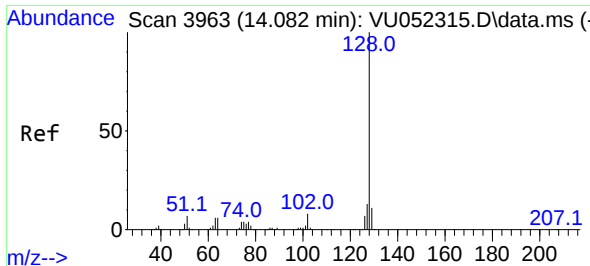


#70
1,2,4-trichlorobenzene
Concen: 4.958 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21



Tgt Ion:180 Resp: 129514
Ion Ratio Lower Upper
180 100
182 95.6 76.3 114.5
145 30.1 24.6 36.8



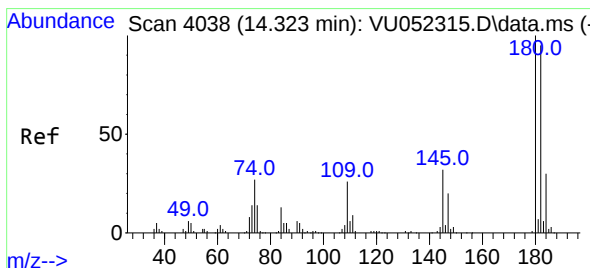
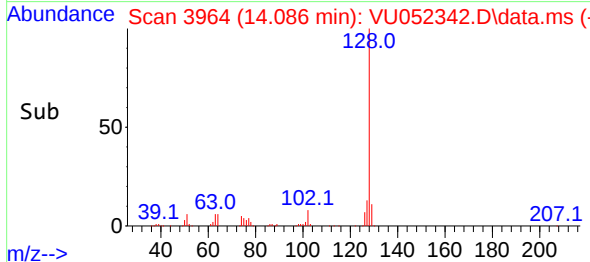
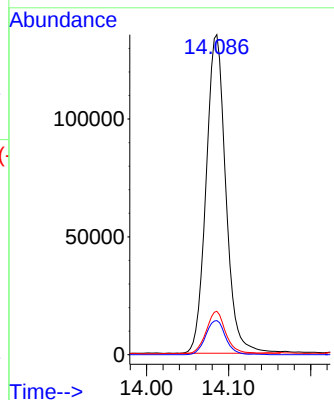
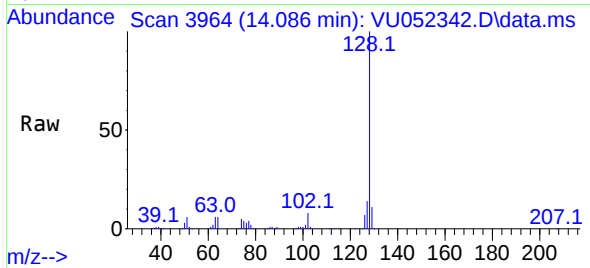


#71
Naphthalene
Concen: 4.608 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

Tgt Ion:128 Resp: 226022

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.0	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.778 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052342.D
Acq: 12 Dec 2022 10:21

Tgt Ion:180 Resp: 122800

Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.7	113.5
145	31.6	24.5	36.7

