

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051826.D
 Acq On : 11 Nov 2022 19:48
 Operator : JC/MD
 Sample : N5593-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AE2MS

Quant Time: Nov 12 01:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64602	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.906	69	62549	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.562	65	26278	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.620	46	223828	38.687	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.380%
24) Chloroform-d	5.060	84	152701	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.700	65	78091	3.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.726	84	291394	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.690	67	98921	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.896	98	266283	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.179	79	34383	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.629	63	201670	47.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	97813	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	95328	5.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95930	4.135	ug/L	99
3) Chloromethane	1.526	50	104943	3.589	ug/L	99
5) Vinyl chloride	1.600	62	112046	4.000	ug/L	88
6) Bromomethane	1.845	94	44597	3.358	ug/L	99
8) Chloroethane	1.928	64	69329	4.076	ug/L	100
9) Trichlorofluoromethane	2.134	101	141305	4.595	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	88189	4.878	ug/L	98
12) 1,1-Dichloroethene	2.578	96	141843	7.692	ug/L	92
13) Acetone	2.623	43	162508	55.358	ug/L	99
14) Carbon disulfide	2.790	76	187370	3.152	ug/L	100
15) Methyl Acetate	2.948	43	38164	4.966	ug/L	96
16) Methylene chloride	3.044	84	103618	3.431	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	211766	5.008	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	82435	4.165	ug/L	99
19) 1,1-Dichloroethane	3.867	63	183390	5.024	ug/L	98
21) 2-Butanone	4.697	43	274996	59.819	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	126685	5.785	ug/L	98
23) Bromochloromethane	4.973	128	48648	4.751	ug/L	98
25) Chloroform	5.086	83	197644	5.219	ug/L	99

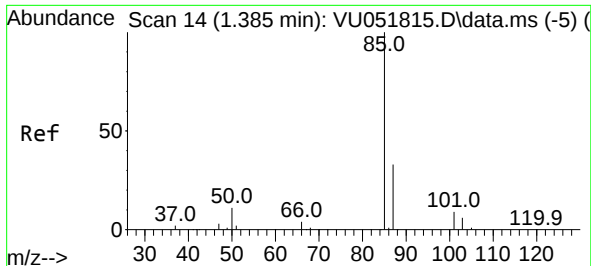
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051826.D
 Acq On : 11 Nov 2022 19:48
 Operator : JC/MD
 Sample : N5593-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AE2MS

Quant Time: Nov 12 01:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110984	4.762	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	143559	5.015	ug/L	100
30) Cyclohexane	5.385	56	107099	4.063	ug/L	98
31) Carbon tetrachloride	5.523	117	117790	4.811	ug/L	98
33) Benzene	5.771	78	386314	4.643	ug/L	100
34) Trichloroethene	6.539	95	457663	22.794	ug/L	100
35) Methylcyclohexane	6.761	83	117210	4.222	ug/L	99
37) 1,2-Dichloropropane	6.790	63	108673	5.078	ug/L	100
38) Bromodichloromethane	7.105	83	135756	5.194	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	132851	4.839	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	666933	62.137	ug/L	100
42) Toluene	7.967	91	409077	4.788	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	120538	5.254	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	86345	5.506	ug/L	99
47) Tetrachloroethene	8.552	164	895485	58.235	ug/L	95
48) 2-Hexanone	8.681	43	494191	62.203	ug/L	99
49) Dibromochloromethane	8.806	129	98444	5.495	ug/L	99
50) 1,2-Dibromoethane	8.922	107	75871	5.363	ug/L	96
51) Chlorobenzene	9.446	112	264435	4.917	ug/L	98
52) Ethylbenzene	9.568	91	382384	4.638	ug/L	98
53) m,p-Xylene	9.693	106	151247	4.723	ug/L	98
54) o-Xylene	10.098	106	150069	4.795	ug/L	98
55) Styrene	10.111	104	197153	3.768	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	117597	6.048	ug/L	98
59) Bromoform	10.288	173	57020	6.030	ug/L	98
60) Isopropylbenzene	10.481	105	381107	5.101	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	80103	6.053	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	93357	4.642	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	268934	4.637	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	193190	5.194	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	191689	5.140	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	192581	5.316	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	17101	6.276	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	121946	4.600	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	95616	4.698	ug/L	97
71) Naphthalene	14.085	128	183302	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	100020	4.867	ug/L	99

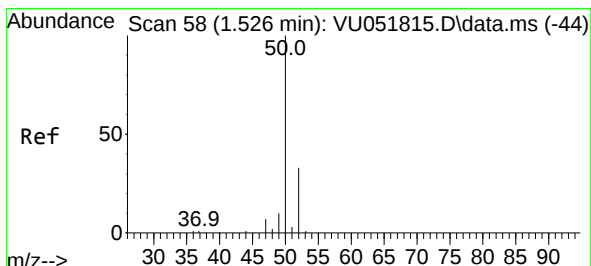
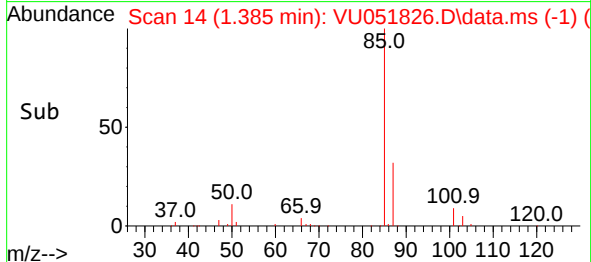
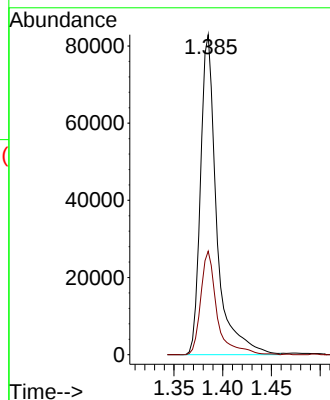
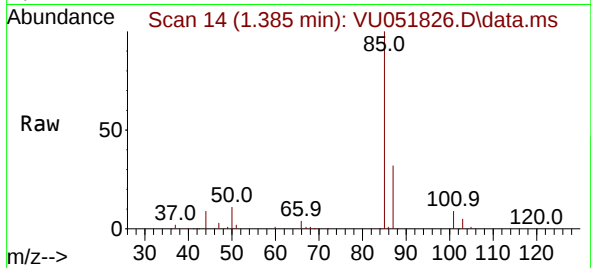
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.135 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

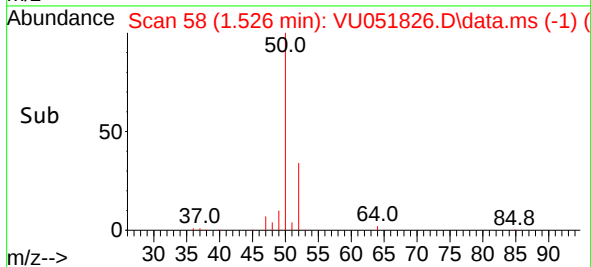
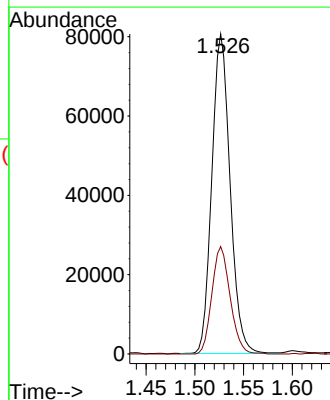
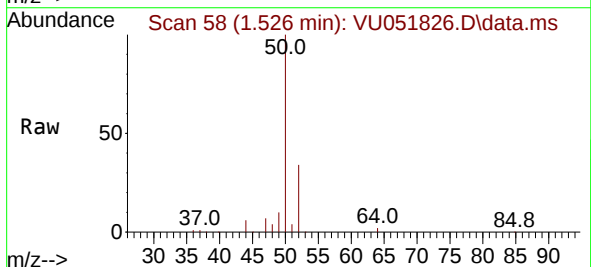
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

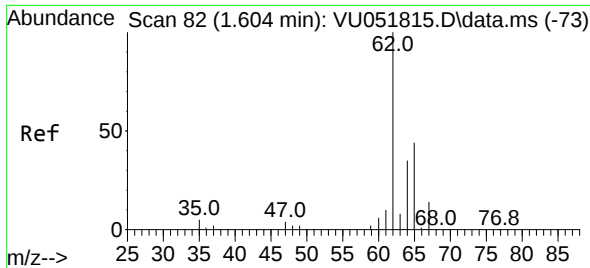
Tgt Ion: 85 Resp: 95930
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 3.589 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 50 Resp: 104943
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

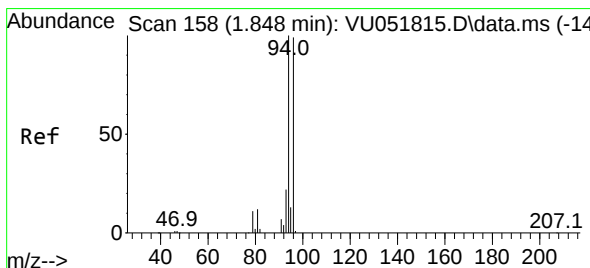
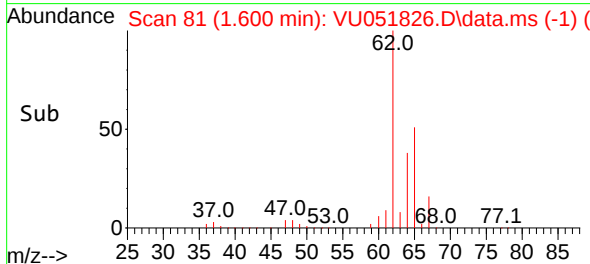
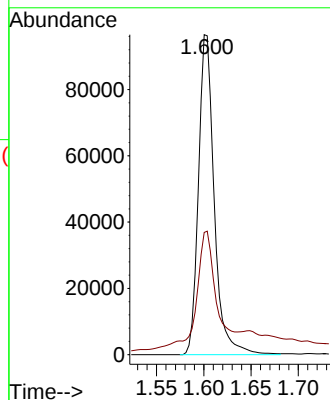
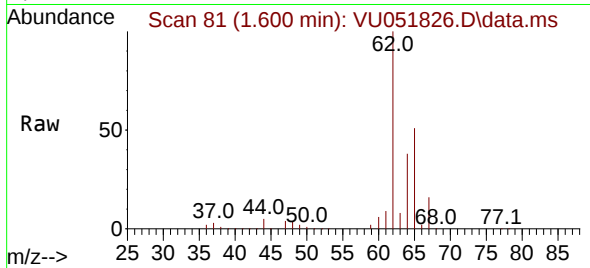




#5
 Vinyl chloride
 Concen: 4.000 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051826.D
 Acq: 11 Nov 2022 19:48

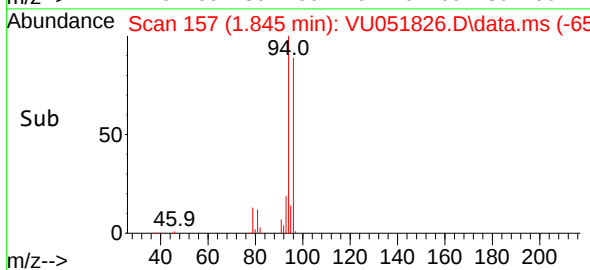
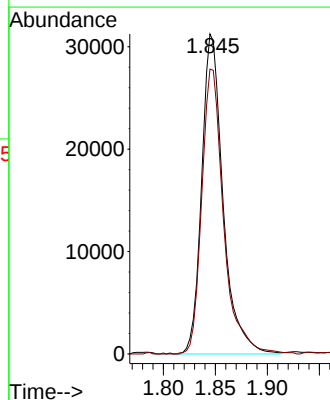
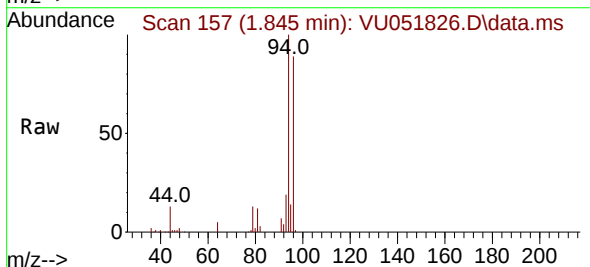
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AE2MS

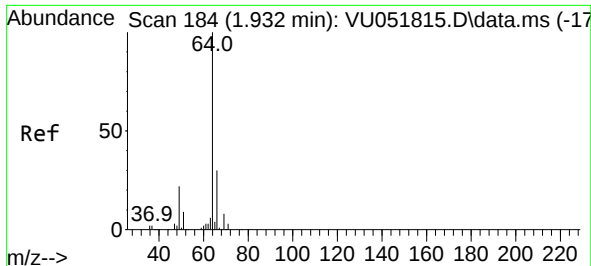
Tgt Ion: 62 Resp: 112046
 Ion Ratio Lower Upper
 62 100
 64 38.2 22.1 41.1



#6
 Bromomethane
 Concen: 3.358 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VU051826.D
 Acq: 11 Nov 2022 19:48

Tgt Ion: 94 Resp: 44597
 Ion Ratio Lower Upper
 94 100
 96 89.0 63.2 117.4

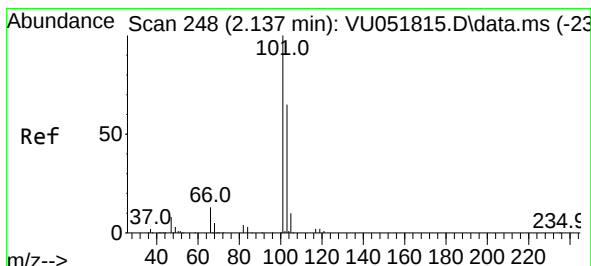
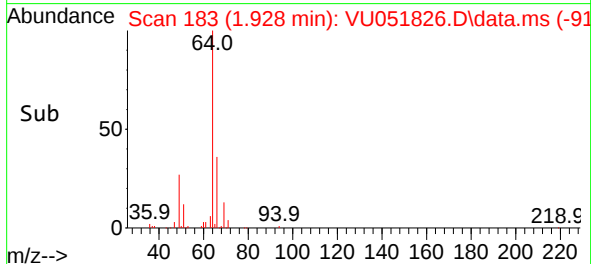
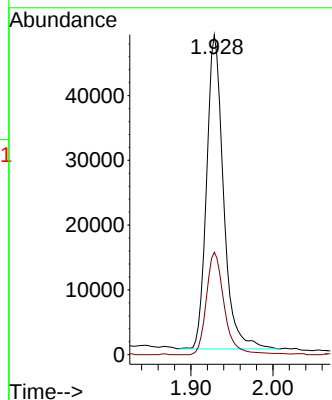
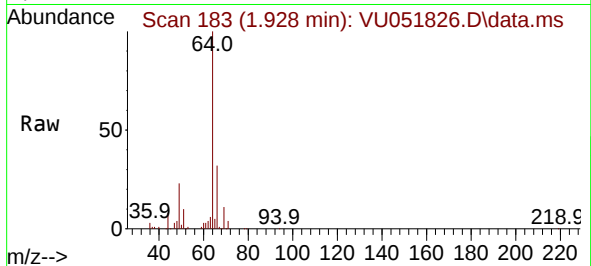




#8
Chloroethane
Concen: 4.076 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

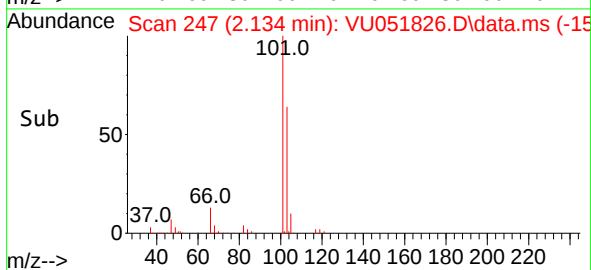
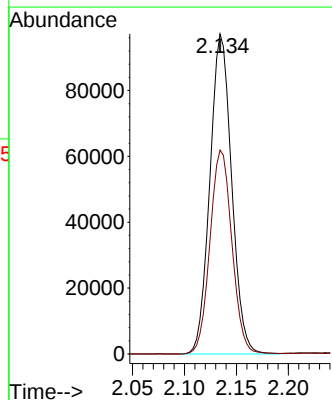
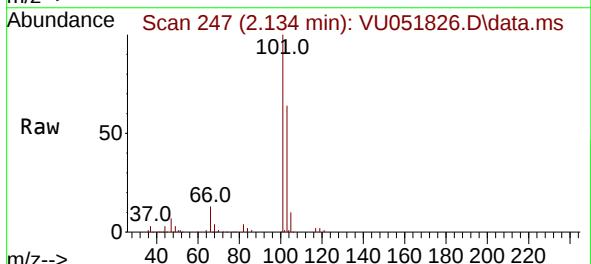
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

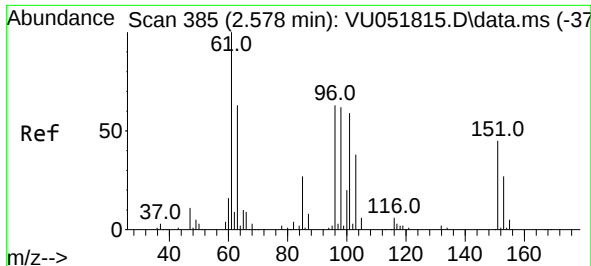
Tgt Ion: 64 Resp: 69329
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.595 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:101 Resp: 141305
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

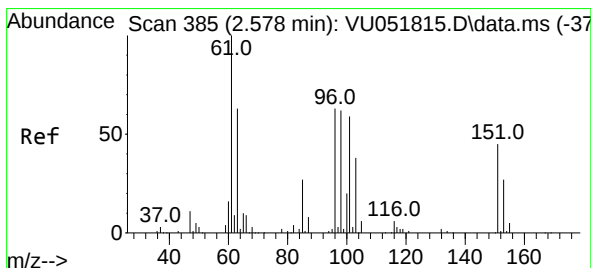
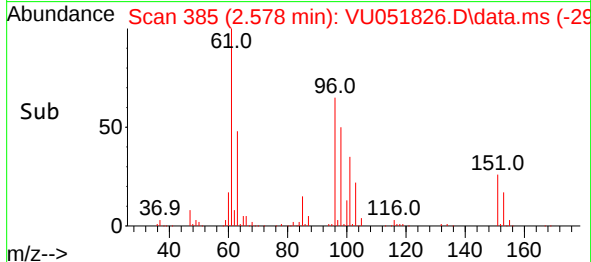
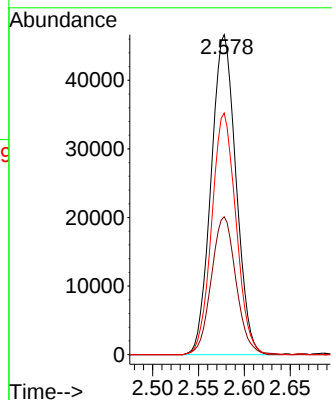
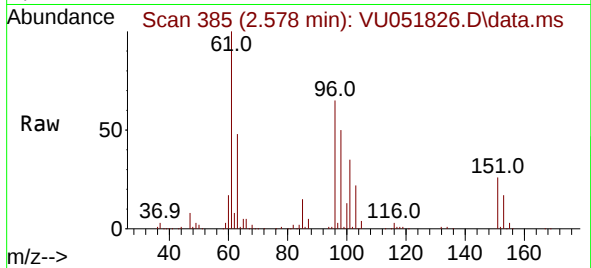




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.878 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051826.D
 Acq: 11 Nov 2022 19:48

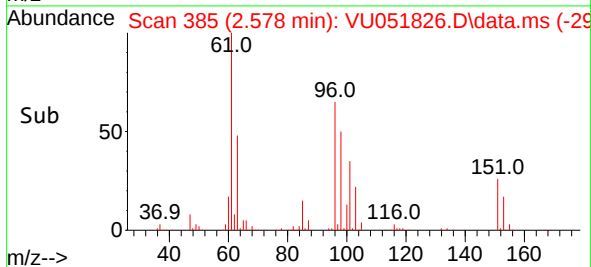
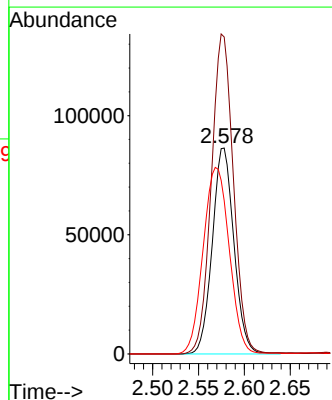
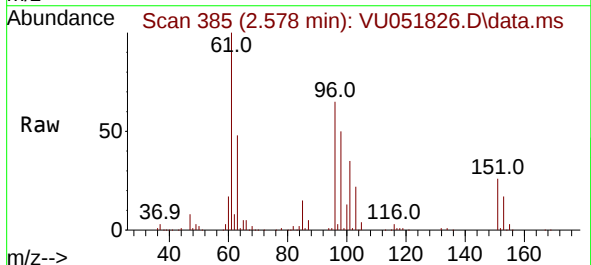
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AE2MS

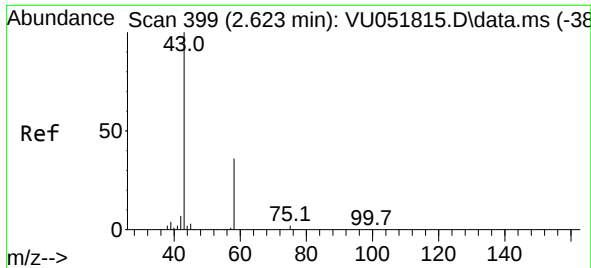
Tgt Ion:101 Resp: 88189
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.6 53.4
 151 73.8 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 7.692 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051826.D
 Acq: 11 Nov 2022 19:48

Tgt Ion: 96 Resp: 141843
 Ion Ratio Lower Upper
 96 100
 61 153.9 108.8 202.0
 63 74.4 64.9 120.5





#13

Acetone

Concen: 55.358 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

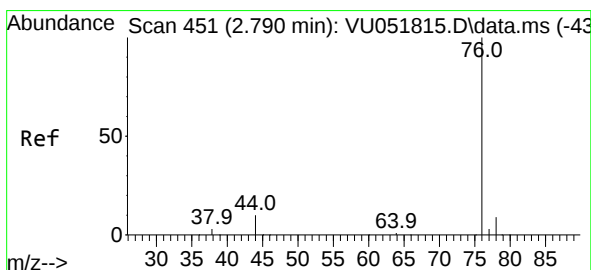
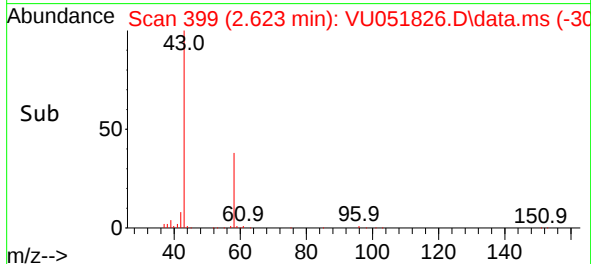
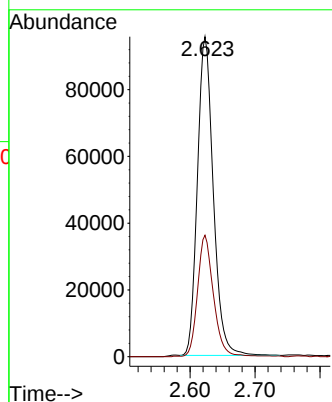
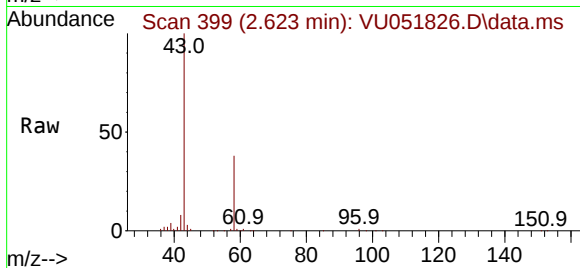
H0AE2MS

Tgt Ion: 43 Resp: 162508

Ion Ratio Lower Upper

43 100

58 37.6 0.0 73.8



#14

Carbon disulfide

Concen: 3.152 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051826.D

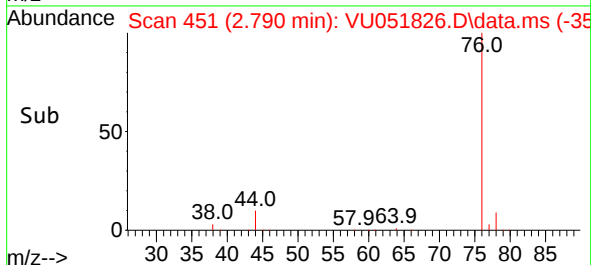
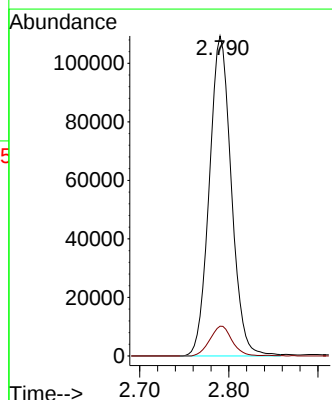
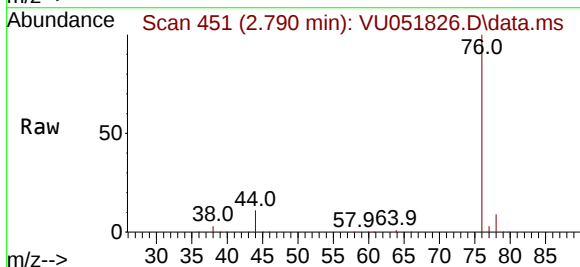
Acq: 11 Nov 2022 19:48

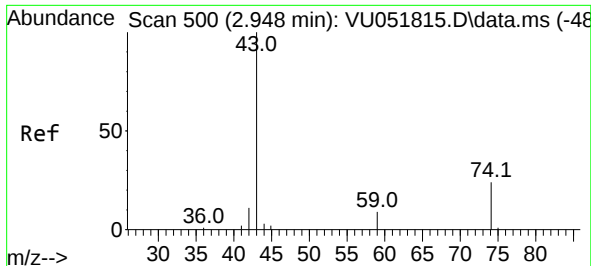
Tgt Ion: 76 Resp: 187370

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

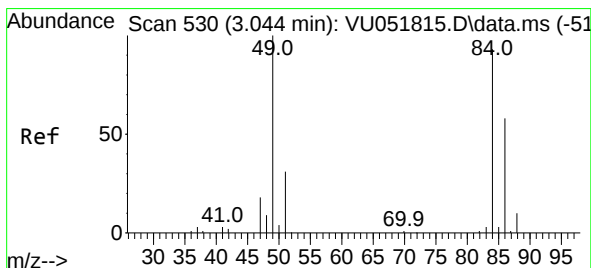
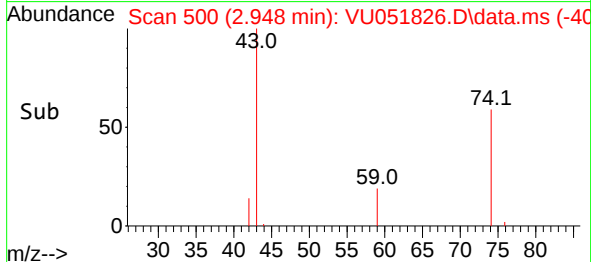
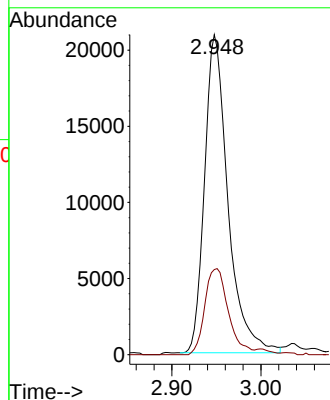
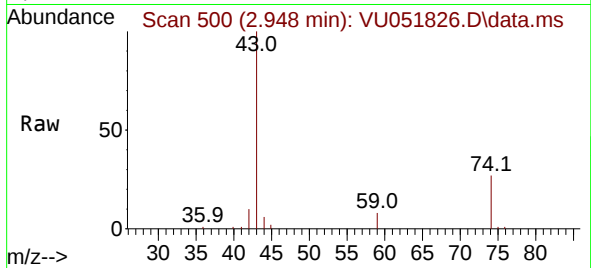




#15
Methyl Acetate
Concen: 4.966 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

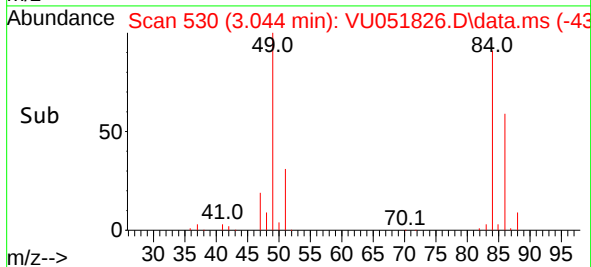
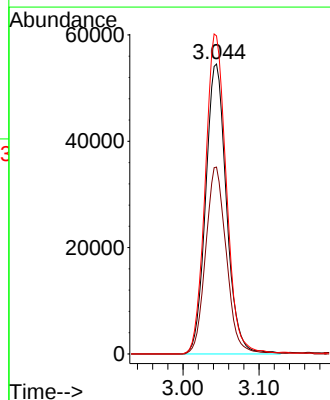
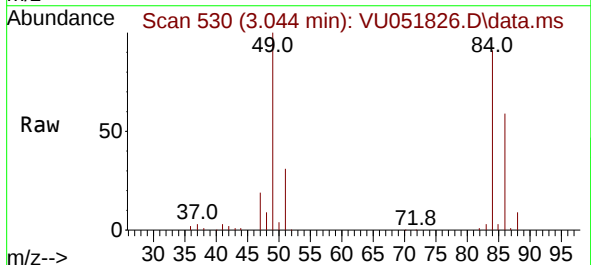
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

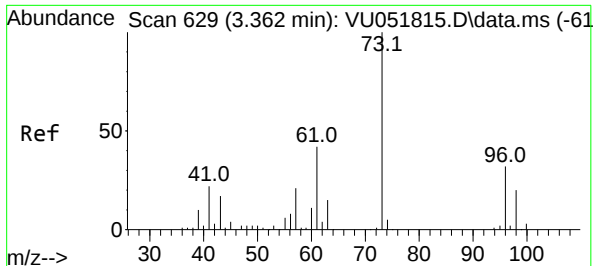
Tgt Ion: 43 Resp: 38164
Ion Ratio Lower Upper
43 100
74 27.2 20.2 30.4



#16
Methylene chloride
Concen: 3.431 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 84 Resp: 103618
Ion Ratio Lower Upper
84 100
86 64.5 46.3 85.9
49 109.7 76.0 141.2

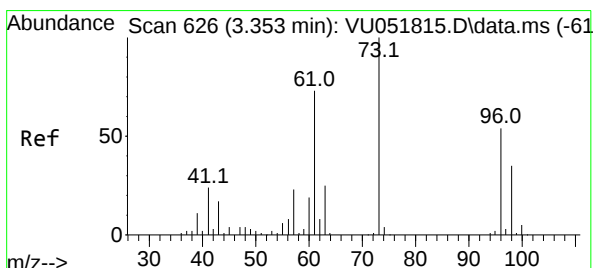
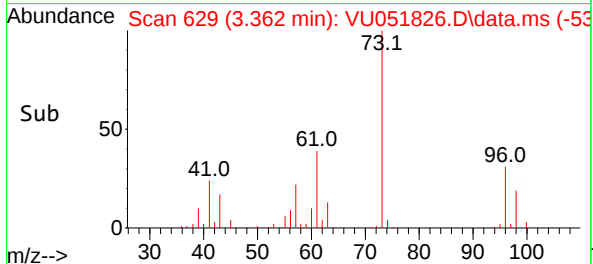
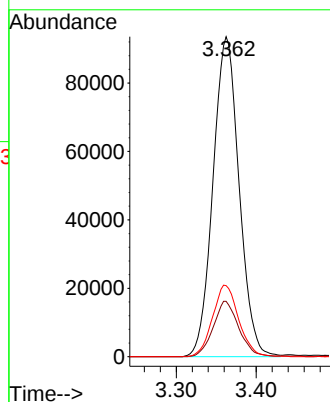
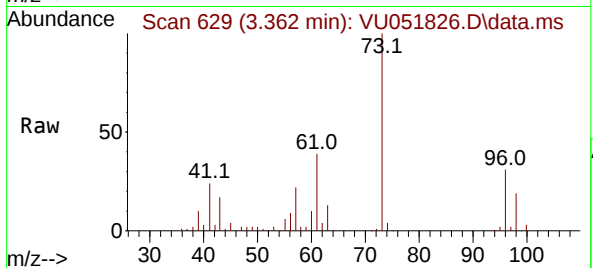




#17
Methyl tert-butyl Ether
Concen: 5.008 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

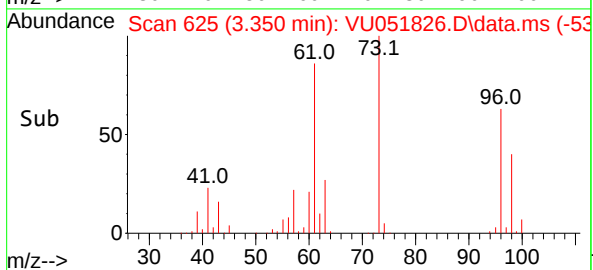
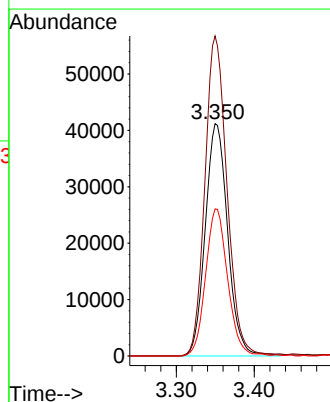
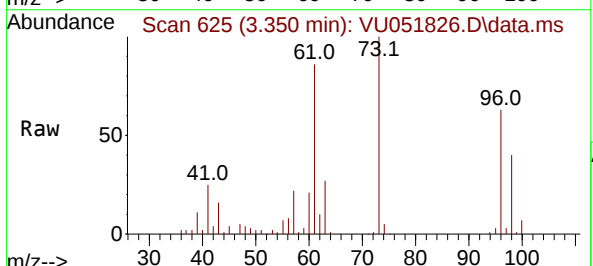
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

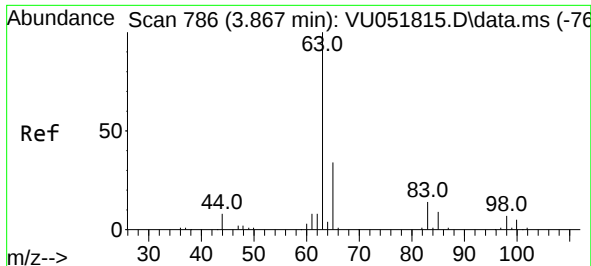
Tgt Ion: 73	Resp: 211766
Ion Ratio	Lower Upper
73 100	
43 17.1	13.6 20.4
57 22.4	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 4.165 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 96	Resp: 82435
Ion Ratio	Lower Upper
96 100	
61 137.7	94.7 175.9
98 63.3	44.2 82.0

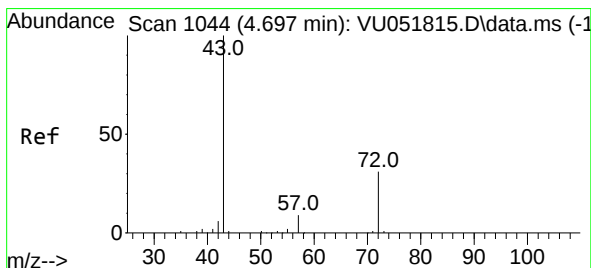
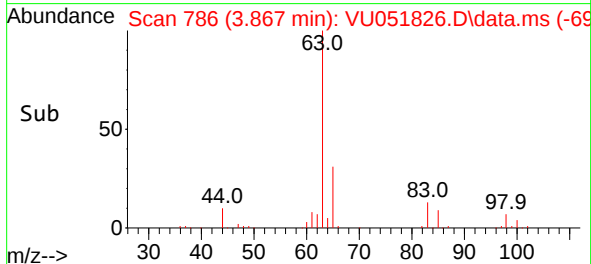
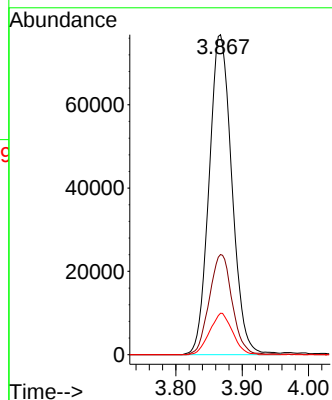
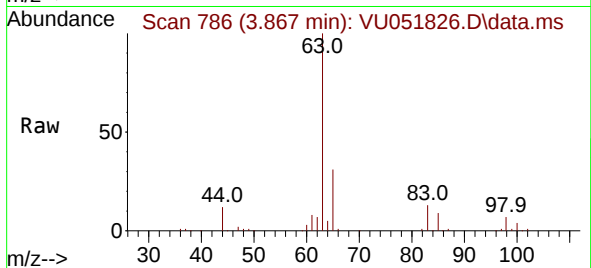




#19
1,1-Dichloroethane
Concen: 5.024 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

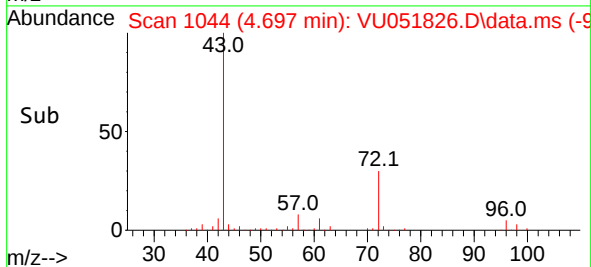
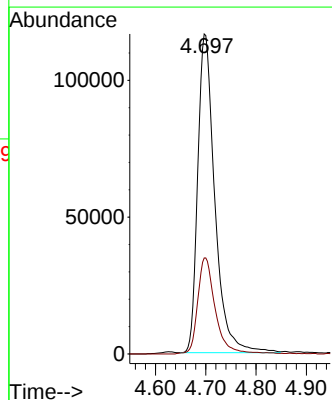
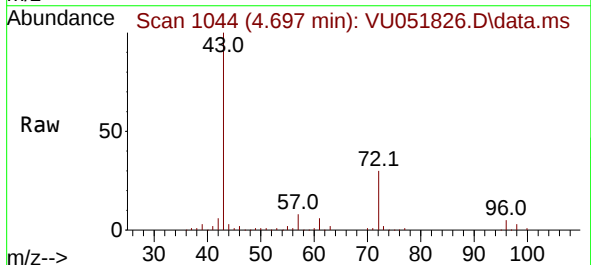
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

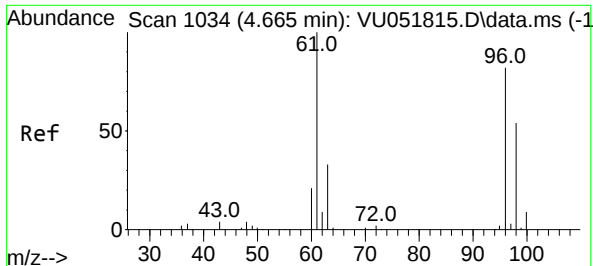
Tgt Ion: 63 Resp: 183390
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.1
83 12.9 9.2 17.0



#21
2-Butanone
Concen: 59.819 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 43 Resp: 274996
Ion Ratio Lower Upper
43 100
72 30.9 16.2 48.5

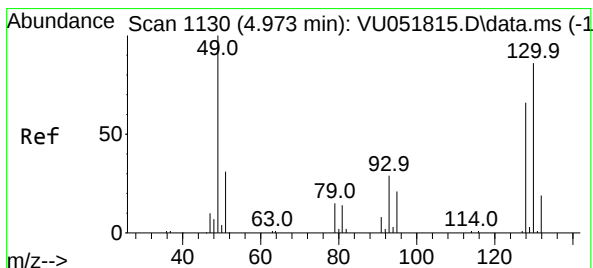
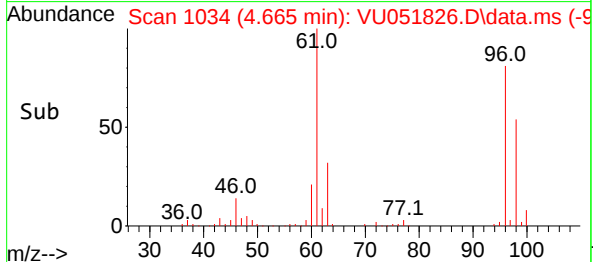
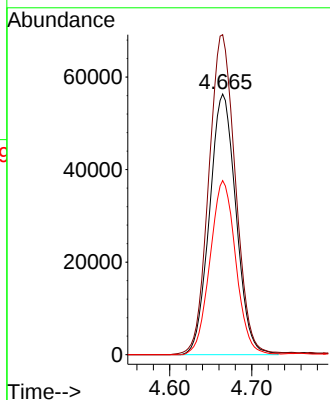
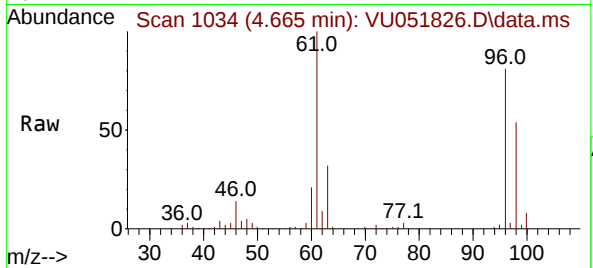




#22
cis-1,2-Dichloroethene
Concen: 5.785 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

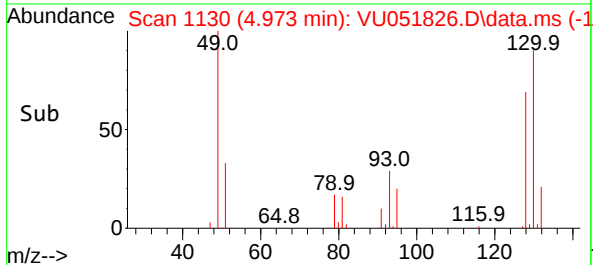
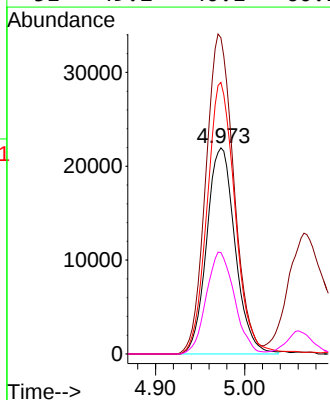
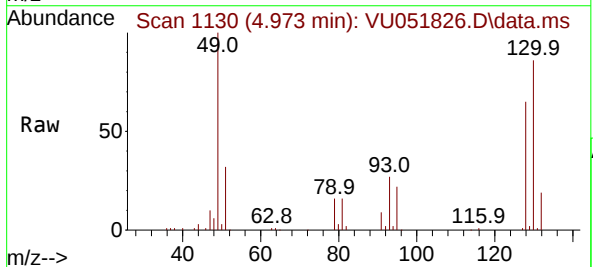
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

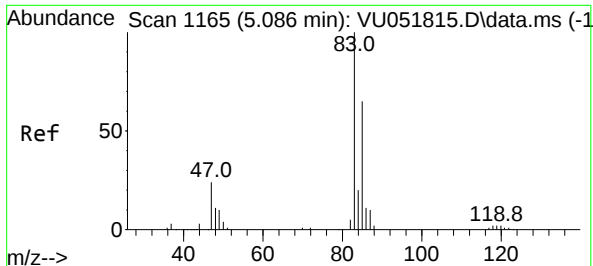
Tgt Ion: 96 Resp: 126685
Ion Ratio Lower Upper
96 100
61 122.7 86.4 160.4
98 66.8 44.2 82.2



#23
Bromochloromethane
Concen: 4.751 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 128 Resp: 48648
Ion Ratio Lower Upper
128 100
49 153.4 105.5 195.9
130 131.7 93.5 173.7
51 49.2 40.1 60.1





#25

Chloroform

Concen: 5.219 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

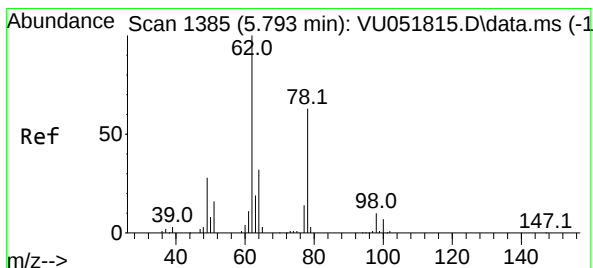
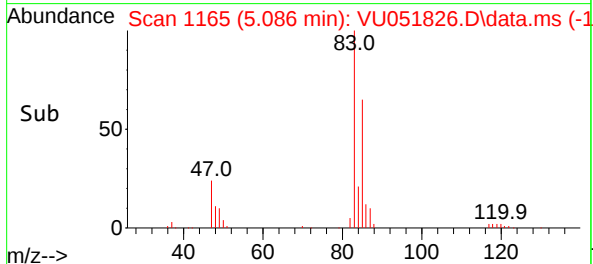
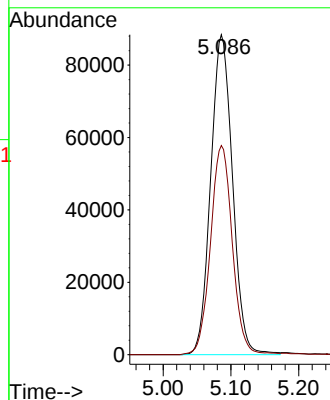
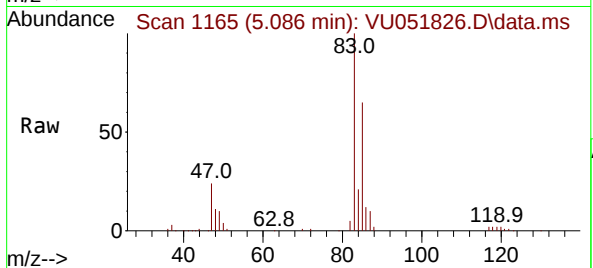
H0AE2MS

Tgt Ion: 83 Resp: 197644

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.762 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051826.D

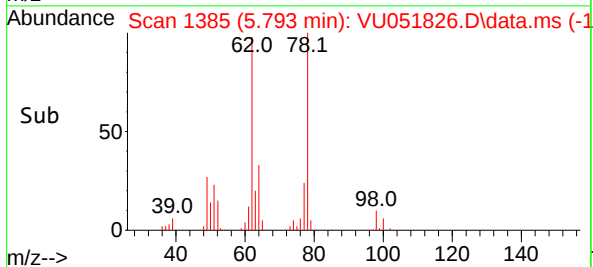
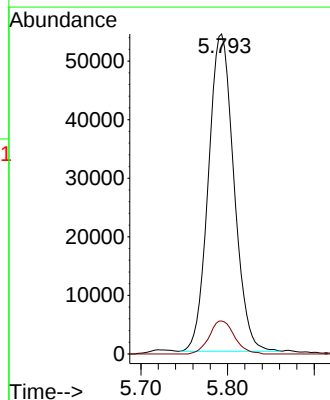
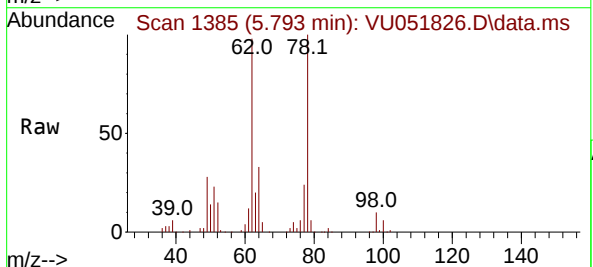
Acq: 11 Nov 2022 19:48

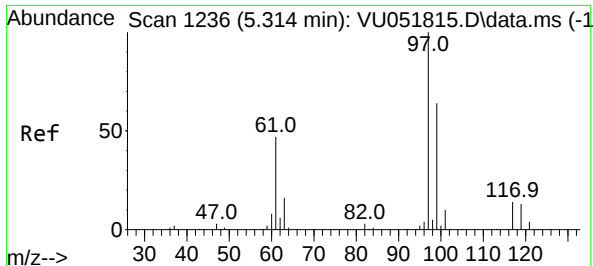
Tgt Ion: 62 Resp: 110984

Ion Ratio Lower Upper

62 100

98 10.3 7.4 11.0

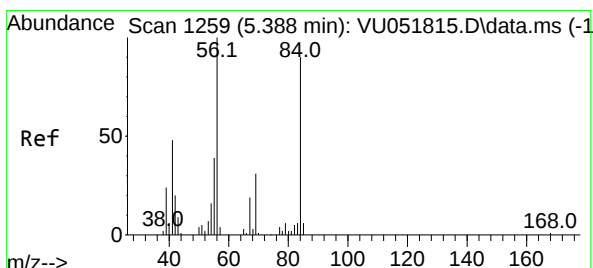
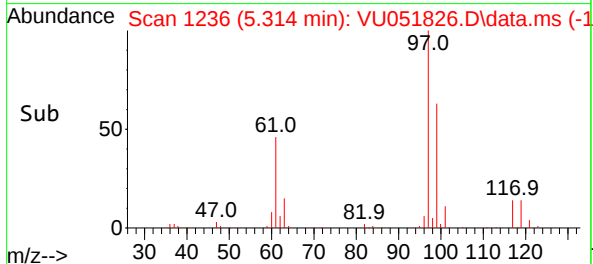
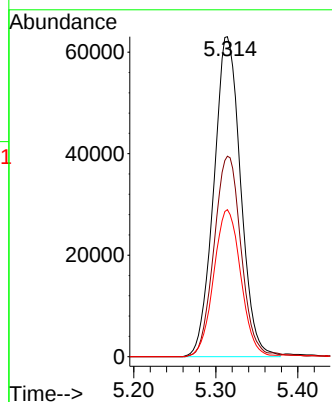
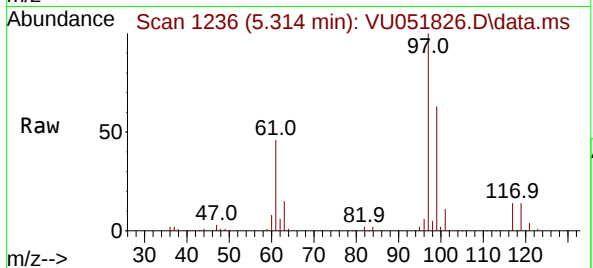




#29
1,1,1-Trichloroethane
Concen: 5.015 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

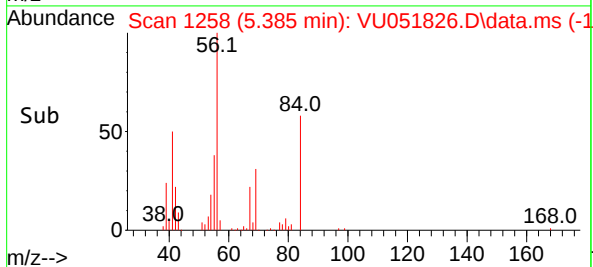
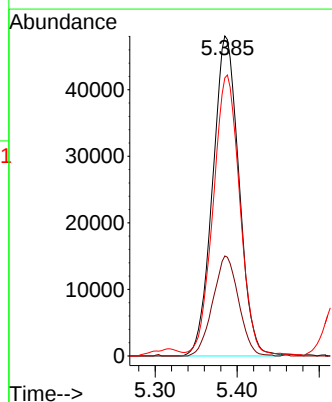
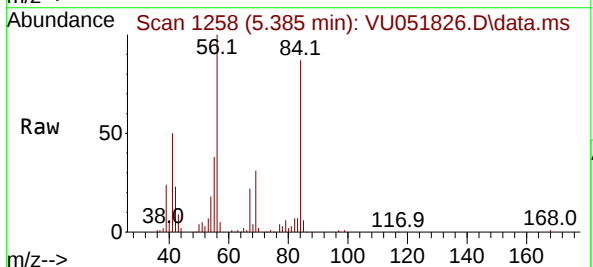
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

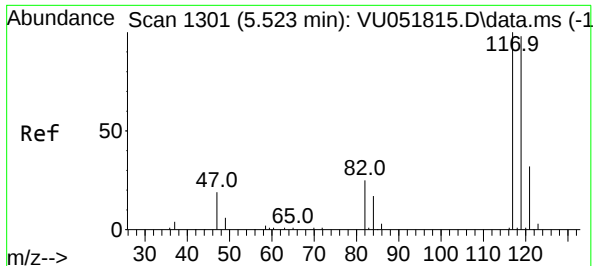
Tgt Ion: 97 Resp: 143559
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 46.4 37.4 56.0



#30
Cyclohexane
Concen: 4.063 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 56 Resp: 107099
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.0
84 87.5 71.4 107.0

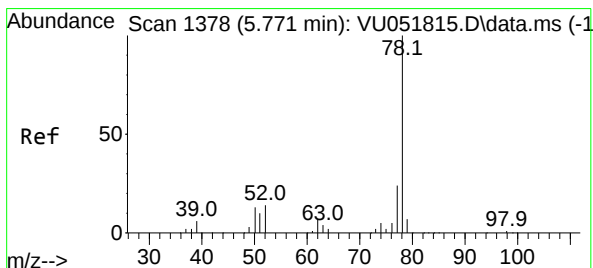
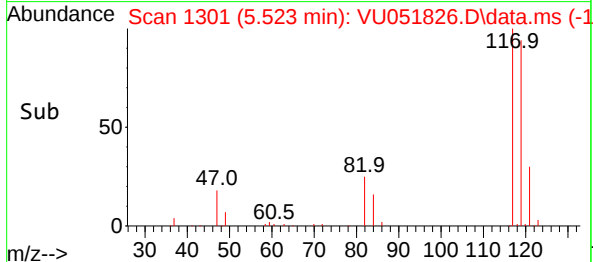
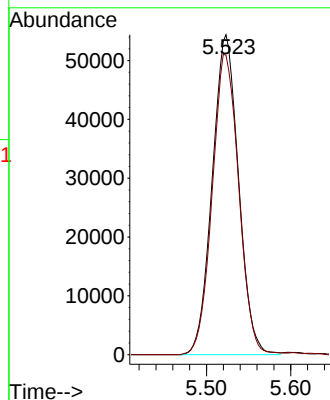
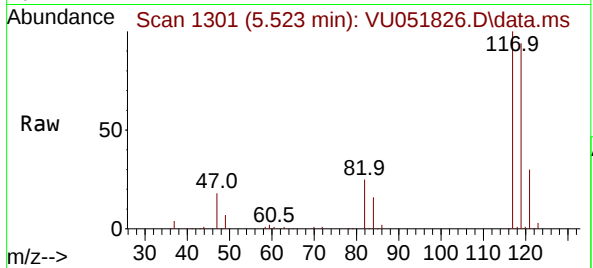




#31
Carbon tetrachloride
Concen: 4.811 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

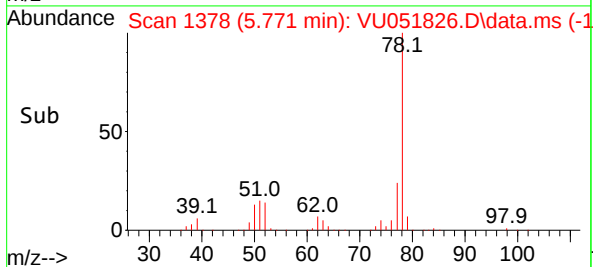
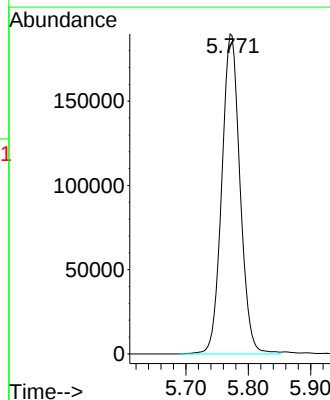
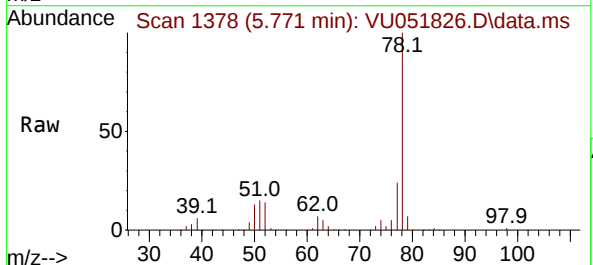
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

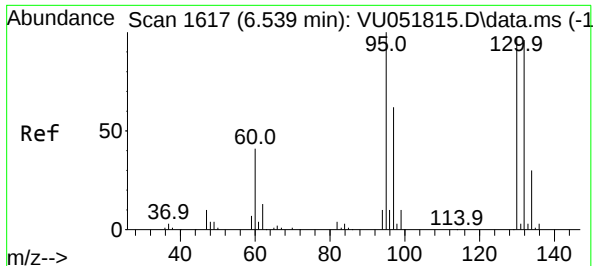
Tgt Ion:117 Resp: 117790
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3



#33
Benzene
Concen: 4.643 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 78 Resp: 386314

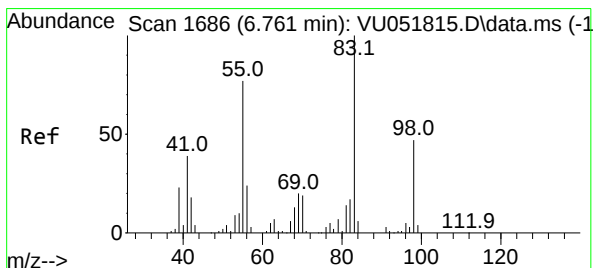
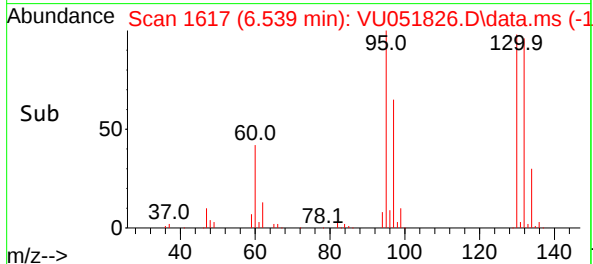
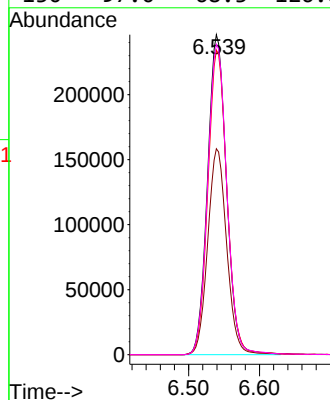
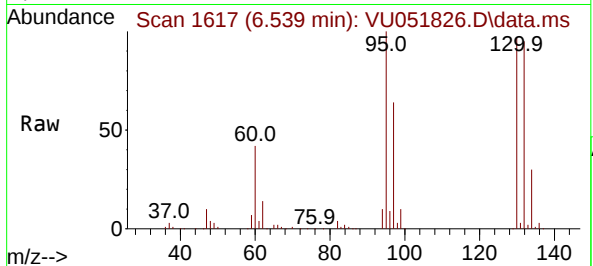




#34
Trichloroethene
Concen: 22.794 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

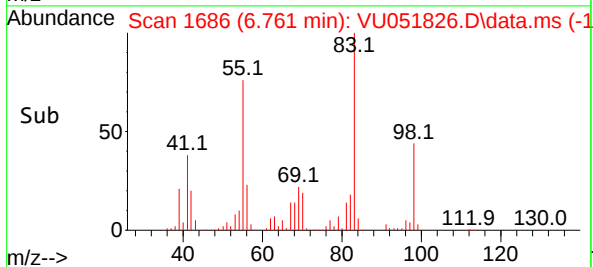
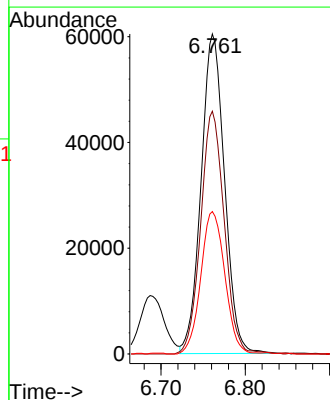
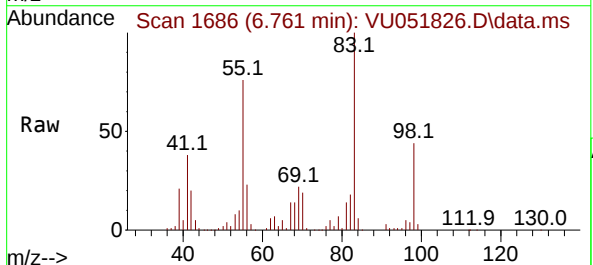
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

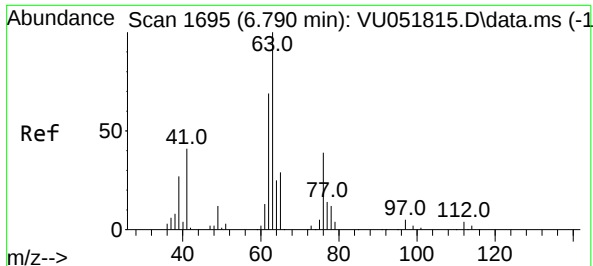
Tgt Ion: 95 Resp: 457663
Ion Ratio Lower Upper
95 100
97 64.4 45.2 84.0
132 95.2 66.5 123.5
130 97.0 68.3 126.8



#35
Methylcyclohexane
Concen: 4.222 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 83 Resp: 117210
Ion Ratio Lower Upper
83 100
55 76.1 60.6 90.8
98 45.6 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.078 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

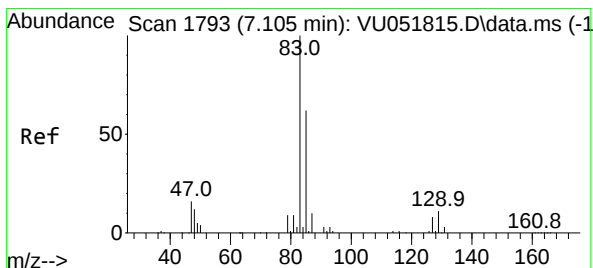
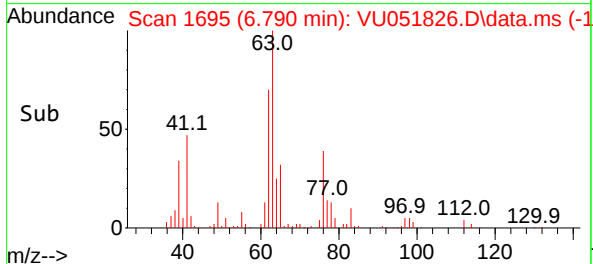
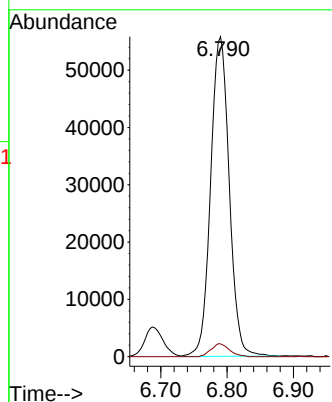
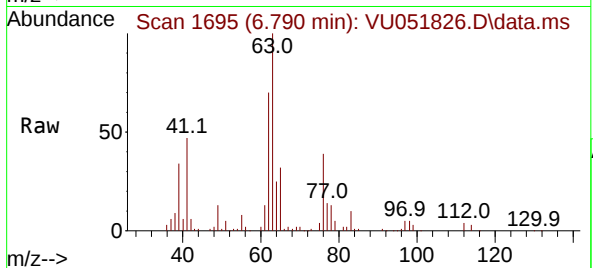
H0AE2MS

Tgt Ion: 63 Resp: 108673

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.194 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

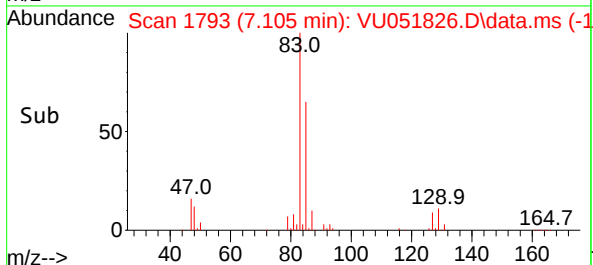
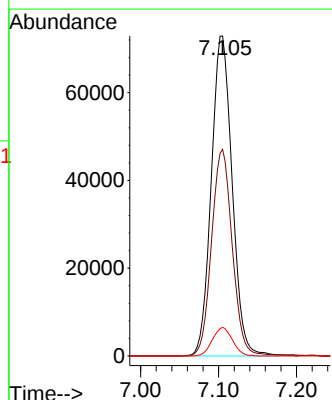
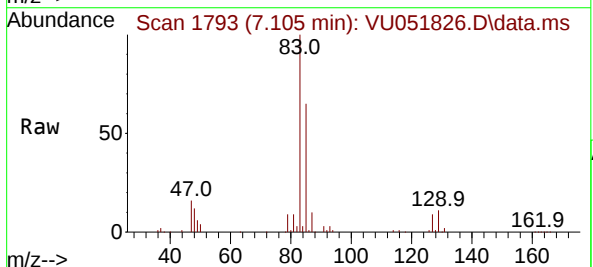
Tgt Ion: 83 Resp: 135756

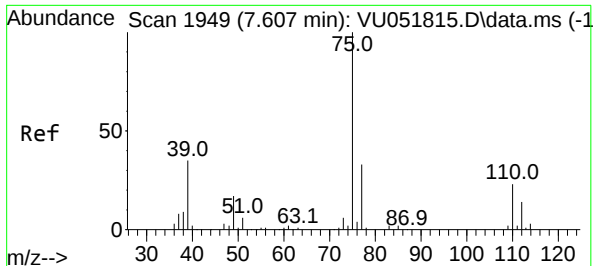
Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

127 8.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.839 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

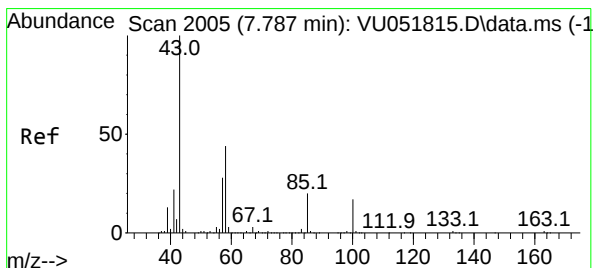
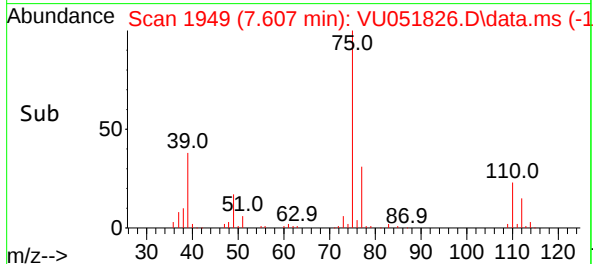
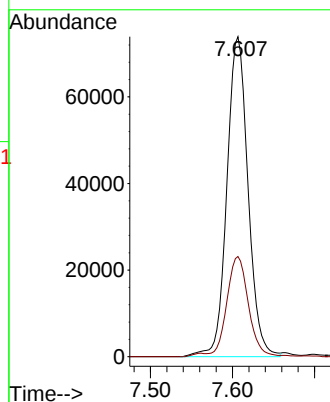
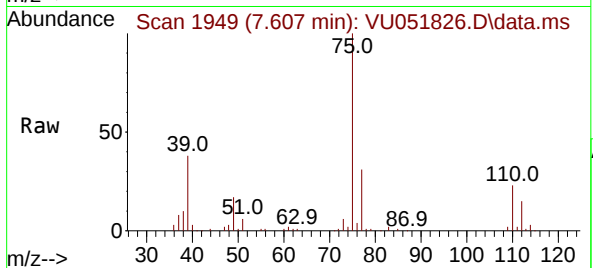
H0AE2MS

Tgt Ion: 75 Resp: 132851

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 62.137 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

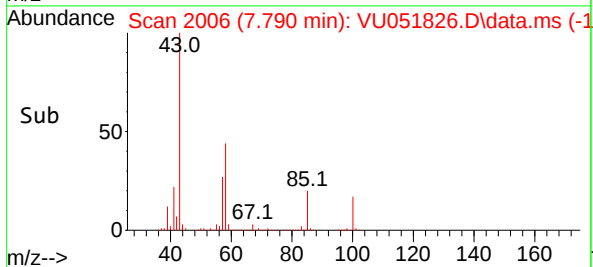
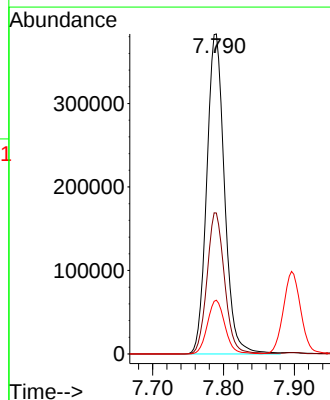
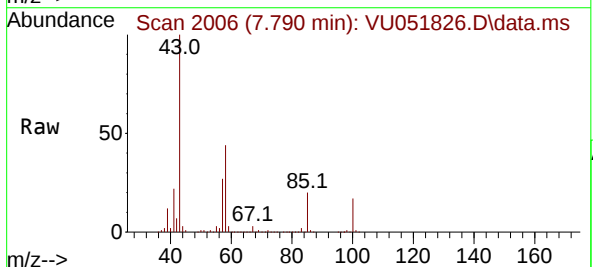
Tgt Ion: 43 Resp: 666933

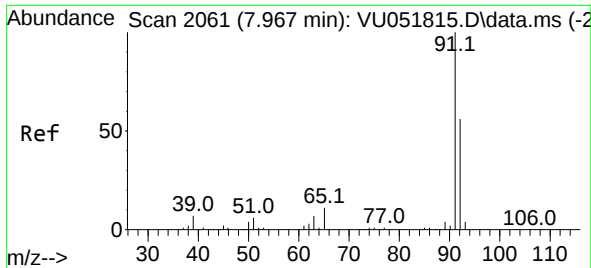
Ion Ratio Lower Upper

43 100

58 43.7 35.0 52.6

100 16.6 13.4 20.0





#42

Toluene

Concen: 4.788 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

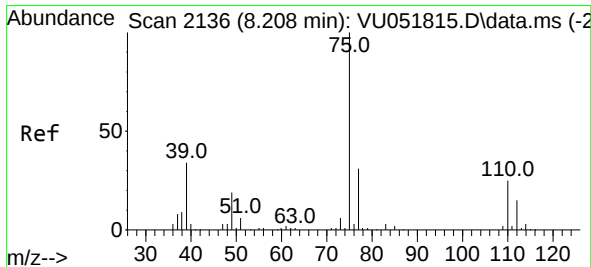
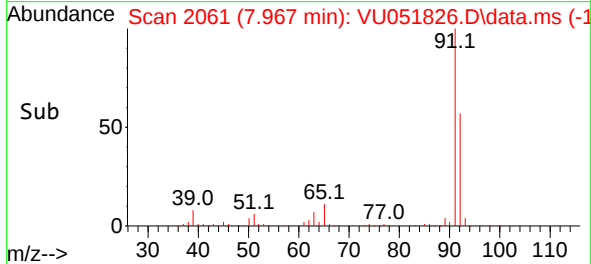
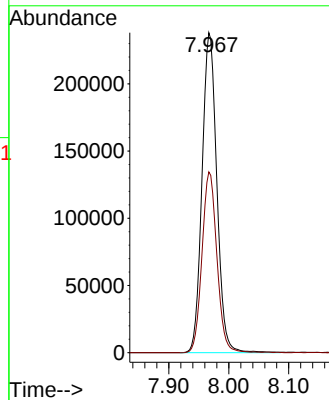
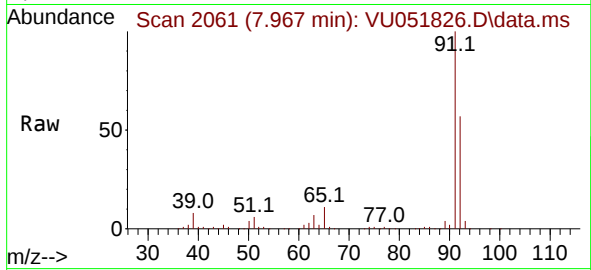
H0AE2MS

Tgt Ion: 91 Resp: 409077

Ion Ratio Lower Upper

91 100

92 56.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.254 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051826.D

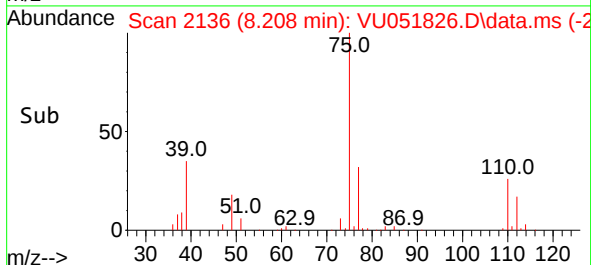
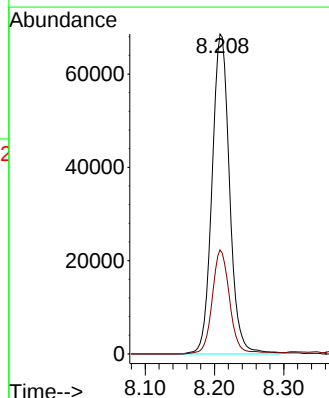
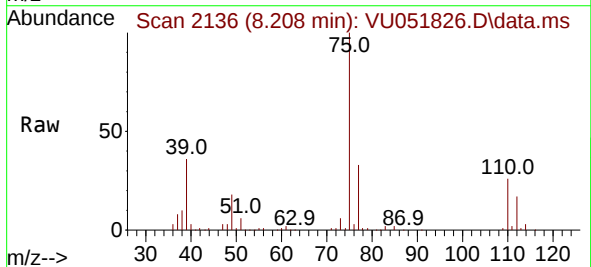
Acq: 11 Nov 2022 19:48

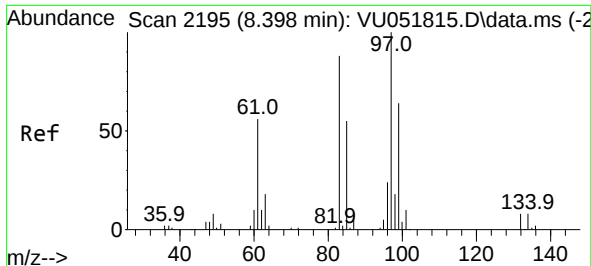
Tgt Ion: 75 Resp: 120538

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6

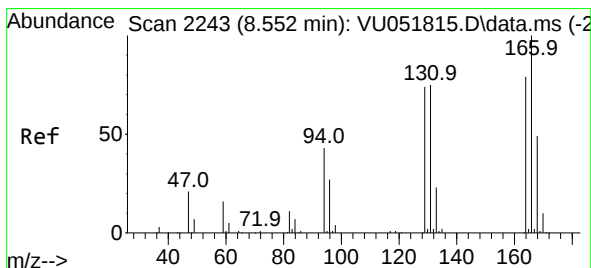
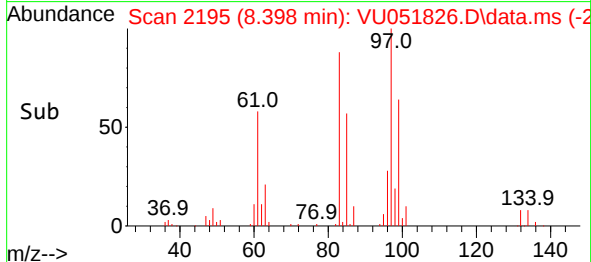
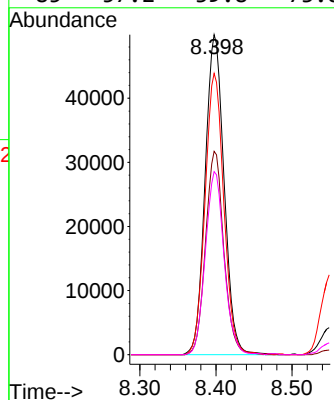
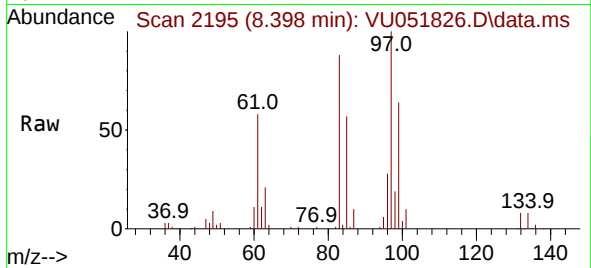




#45
1,1,2-Trichloroethane
Concen: 5.506 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

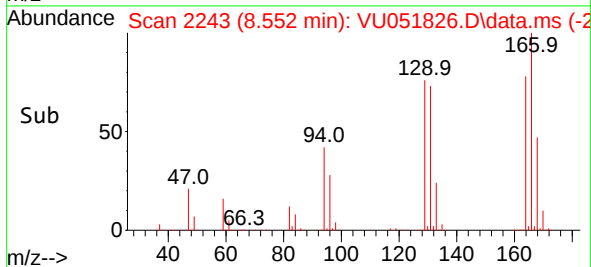
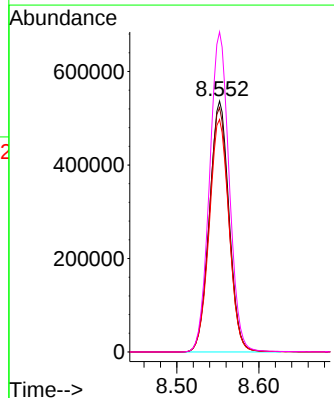
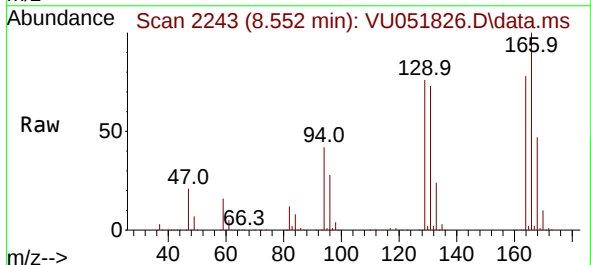
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

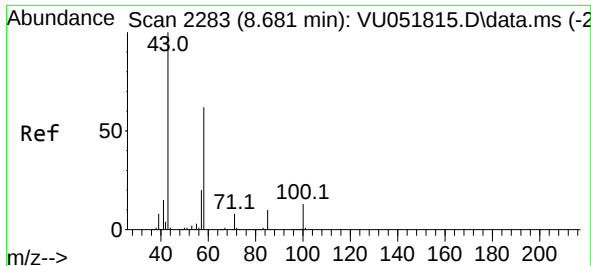
Tgt Ion:	97	Resp:	86345
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.4	80.6
83	87.9	61.3	113.9
85	57.2	39.8	73.8



#47
Tetrachloroethene
Concen: 58.235 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:	164	Resp:	895485
Ion	Ratio	Lower	Upper
164	100		
129	97.4	64.0	118.8
131	92.7	60.7	112.7
166	127.5	86.8	161.2



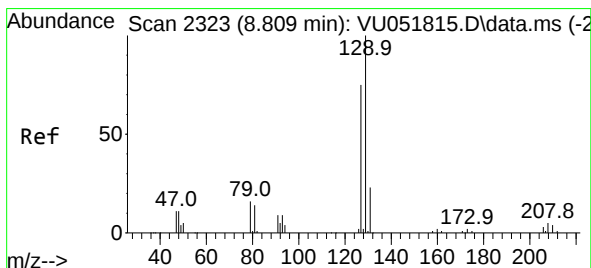
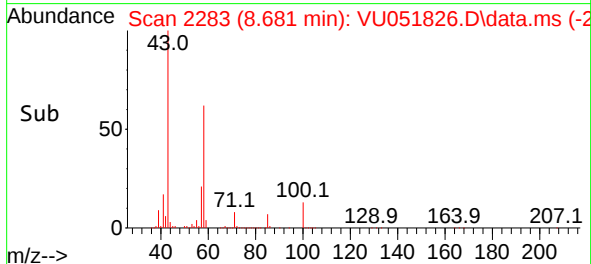
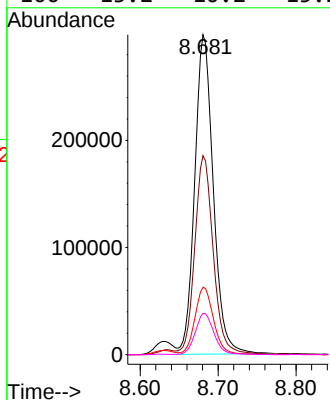
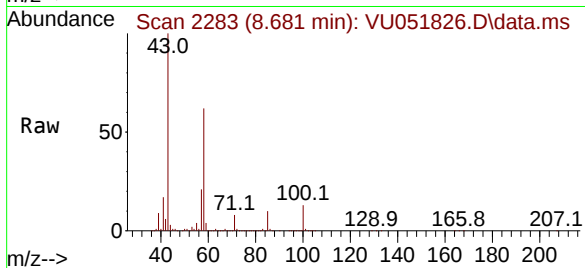


#48
2-Hexanone
Concen: 62.203 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

Tgt Ion: 43 Resp: 494191

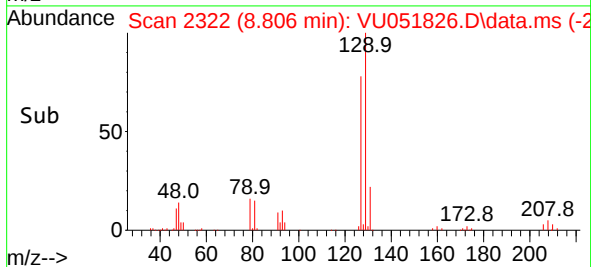
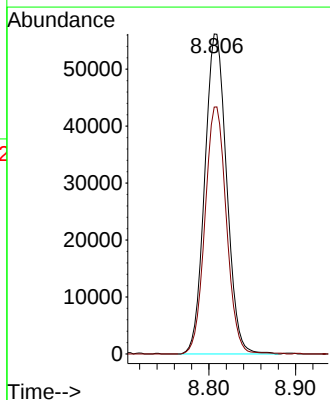
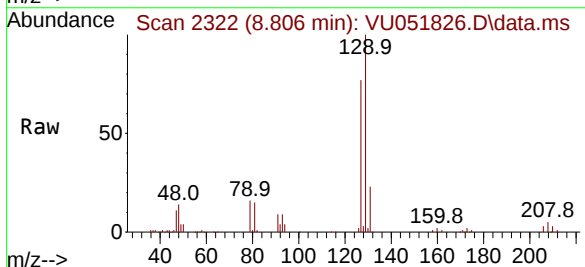
Ion	Ratio	Lower	Upper
43	100		
58	61.5	48.2	72.2
57	21.1	16.6	25.0
100	13.2	10.2	15.2

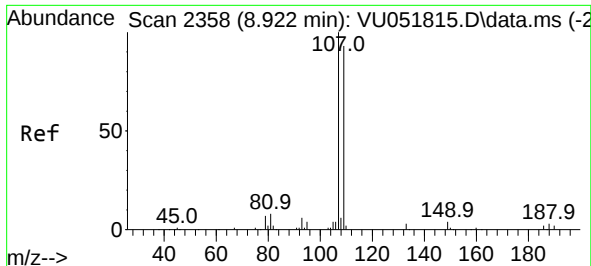


#49
Dibromochloromethane
Concen: 5.495 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 129 Resp: 98444

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.8	101.8

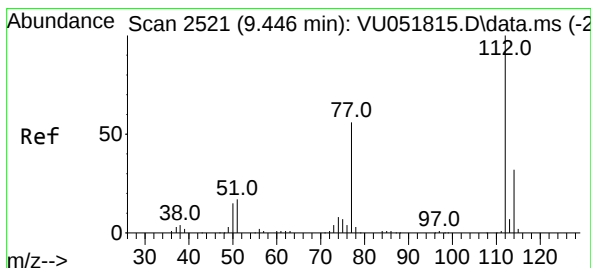
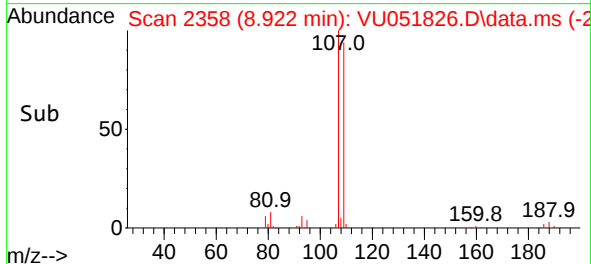
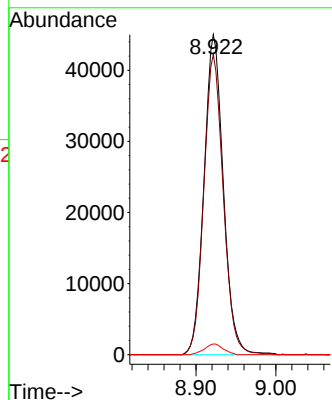
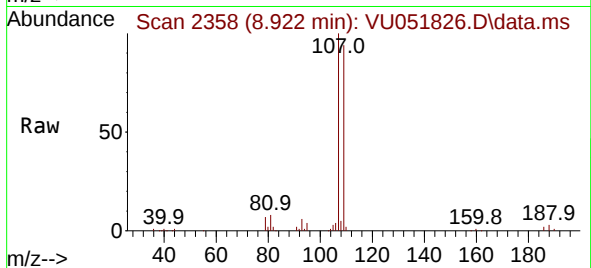




#50
1,2-Dibromoethane
Concen: 5.363 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

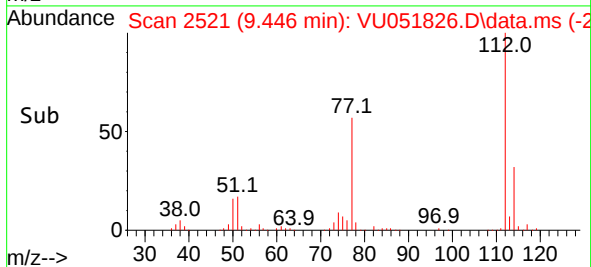
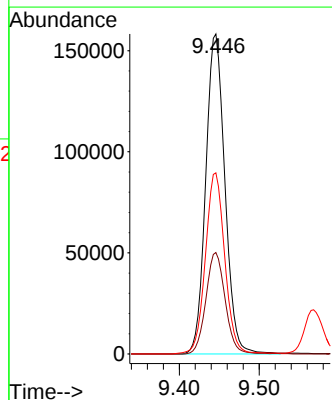
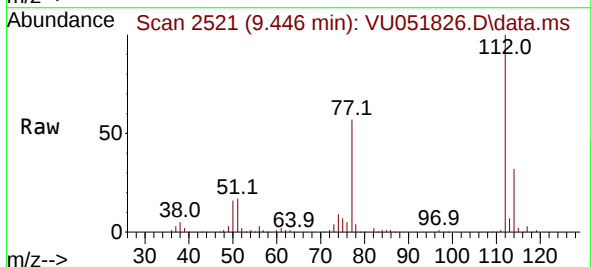
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

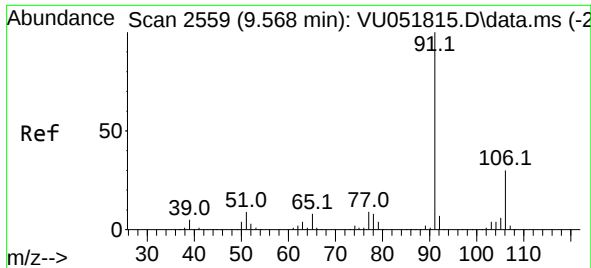
Tgt Ion:107 Resp: 75871
Ion Ratio Lower Upper
107 100
109 93.8 63.0 117.0
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 4.917 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:112 Resp: 264435
Ion Ratio Lower Upper
112 100
114 31.7 22.0 40.8
77 56.6 46.7 70.1

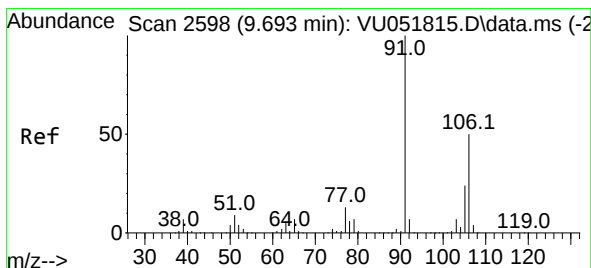
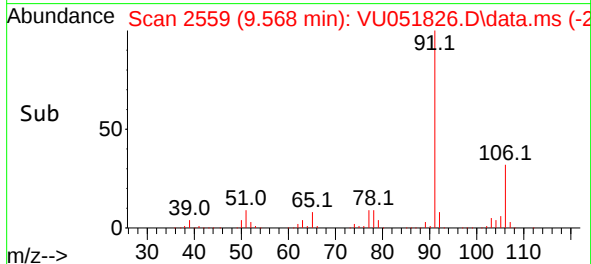
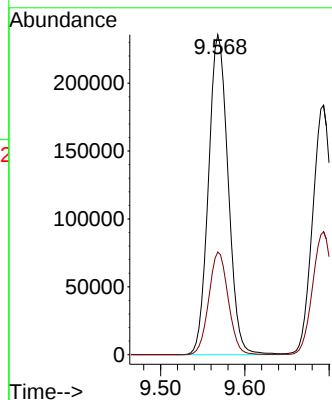
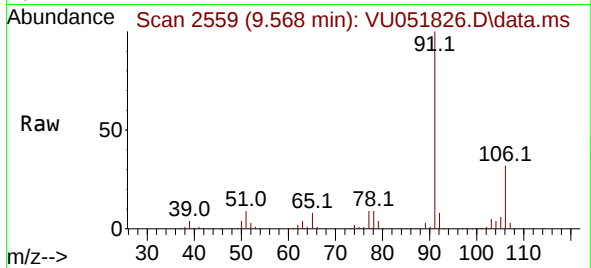




#52
Ethylbenzene
Concen: 4.638 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

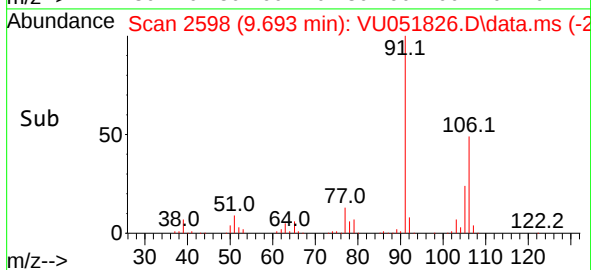
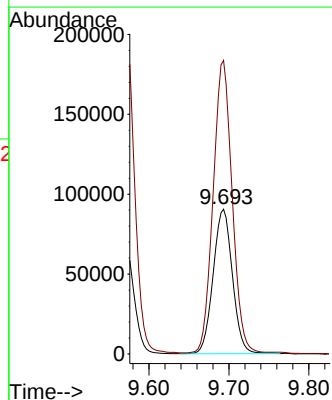
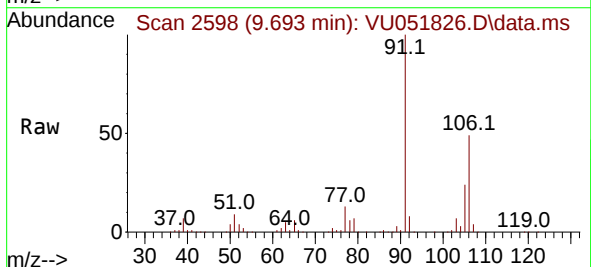
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

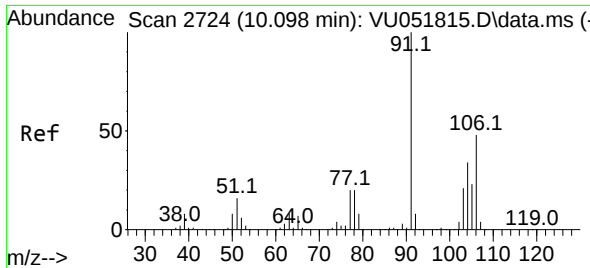
Tgt Ion: 91 Resp: 382384
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6



#53
m,p-Xylene
Concen: 4.723 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 106 Resp: 151247
Ion Ratio Lower Upper
106 100
91 202.7 139.4 259.0

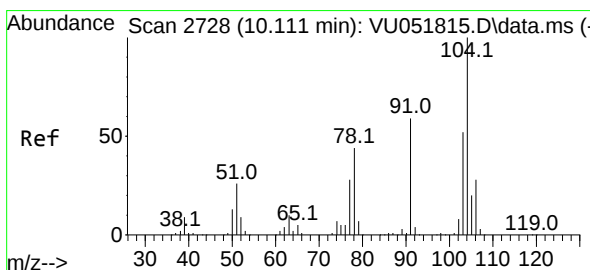
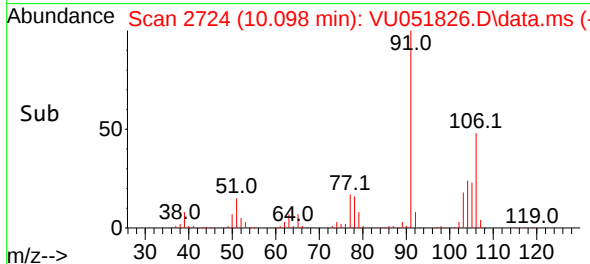
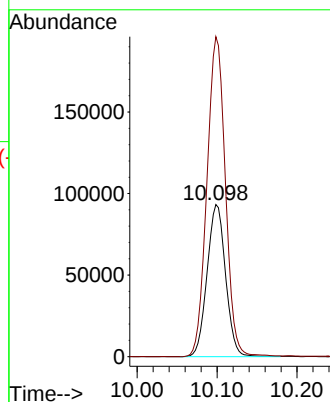
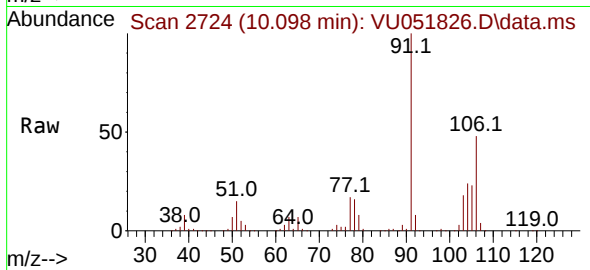




#54
o-Xylene
Concen: 4.795 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

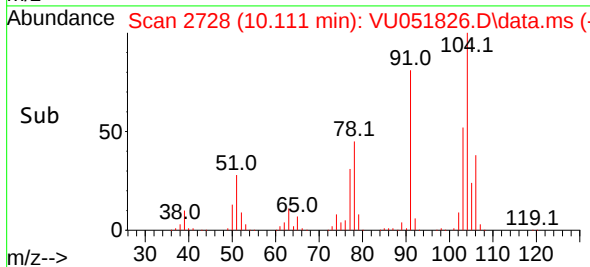
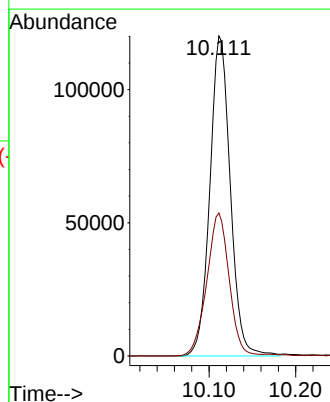
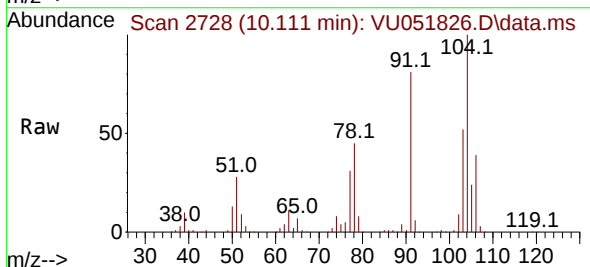
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

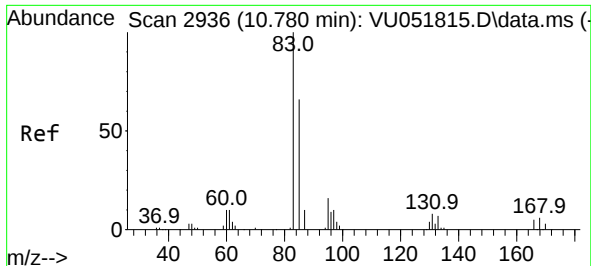
Tgt Ion:106 Resp: 150069
Ion Ratio Lower Upper
106 100
91 210.2 149.2 277.2



#55
Styrene
Concen: 3.768 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:104 Resp: 197153
Ion Ratio Lower Upper
104 100
78 44.7 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 6.048 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

H0AE2MS

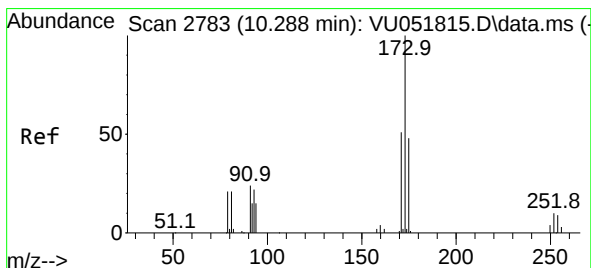
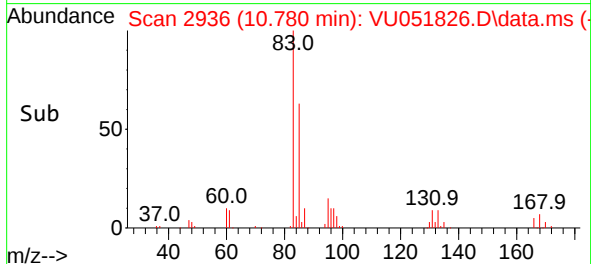
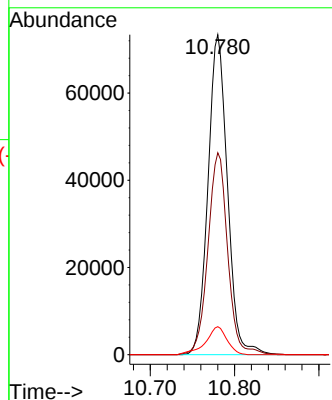
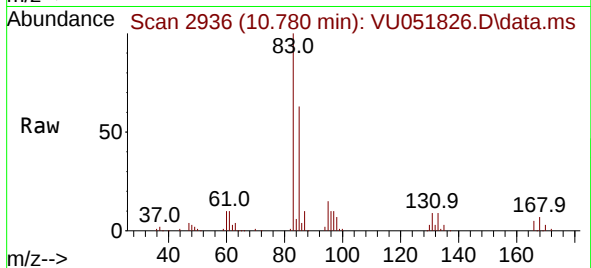
Tgt Ion: 83 Resp: 117597

Ion Ratio Lower Upper

83 100

85 63.1 44.9 83.5

131 8.8 7.8 11.8



#59

Bromoform

Concen: 6.030 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

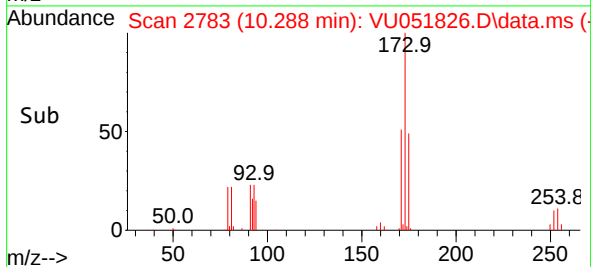
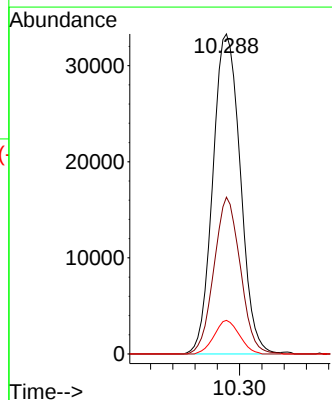
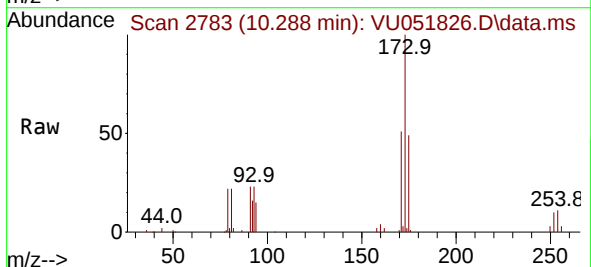
Tgt Ion: 173 Resp: 57020

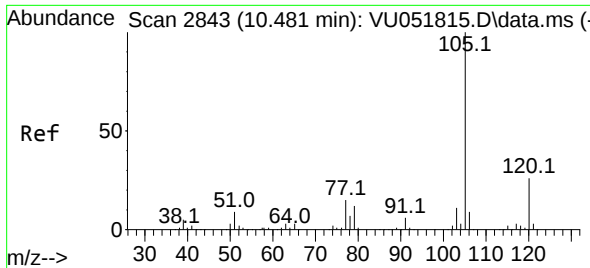
Ion Ratio Lower Upper

173 100

175 47.0 38.7 58.1

254 9.6 7.3 10.9

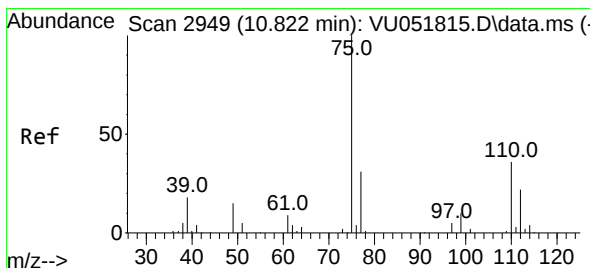
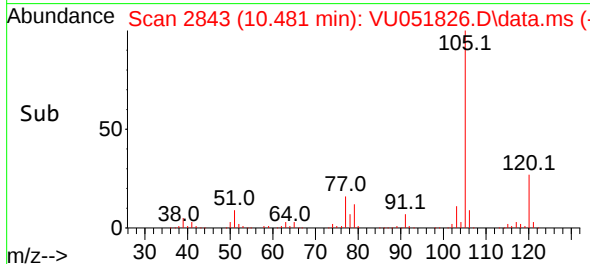
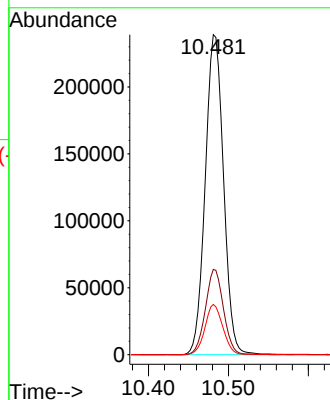
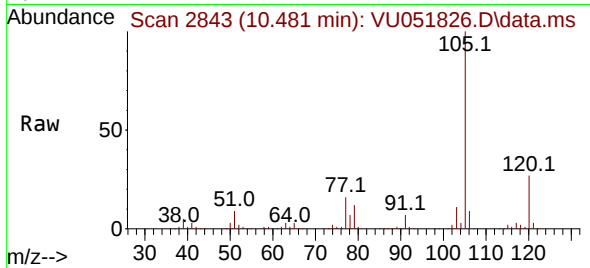




#60
Isopropylbenzene
Concen: 5.101 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

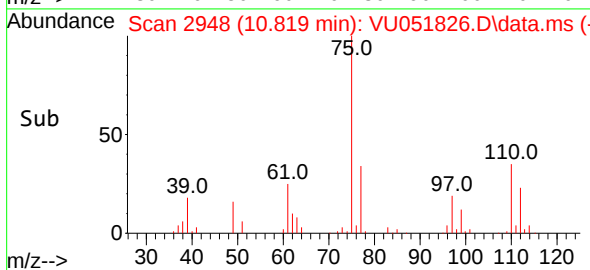
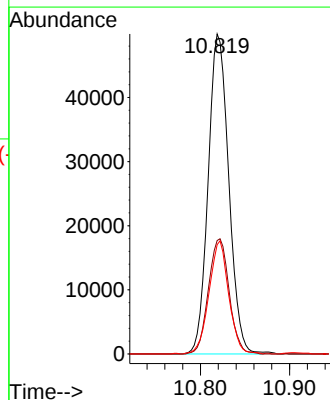
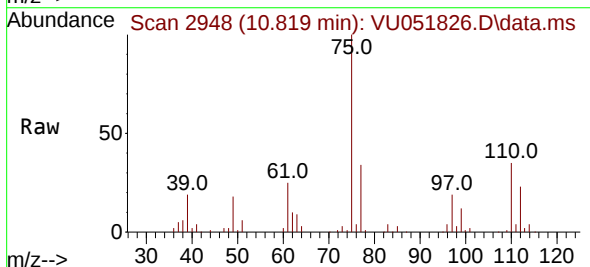
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

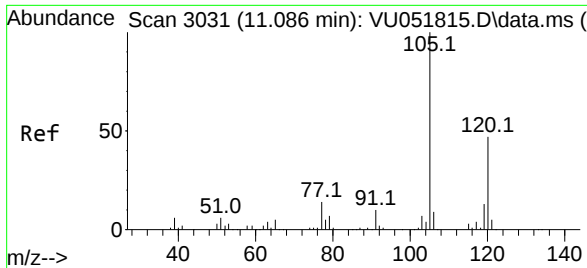
Tgt Ion:105 Resp: 381107
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 6.053 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion: 75 Resp: 80103
Ion Ratio Lower Upper
75 100
110 36.2 28.7 43.1
77 33.8 26.1 39.1

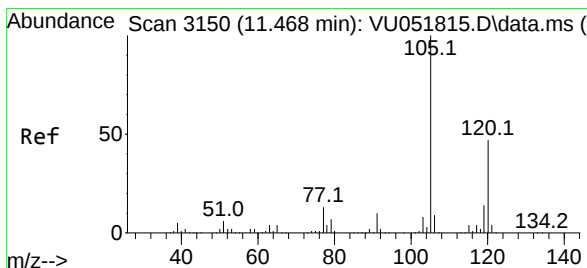
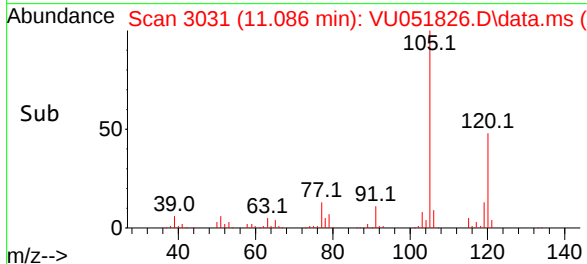
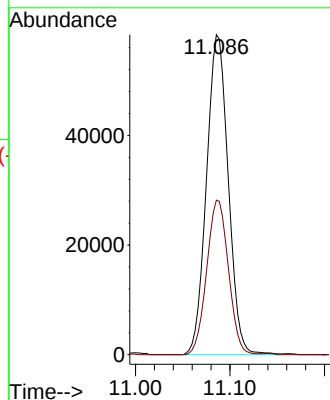
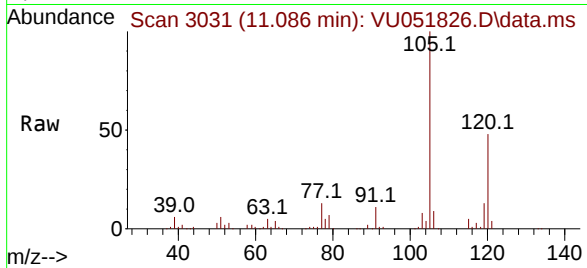




#62
1,3,5-Trimethylbenzene
Concen: 4.642 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

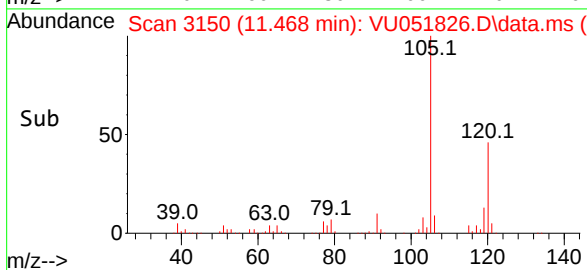
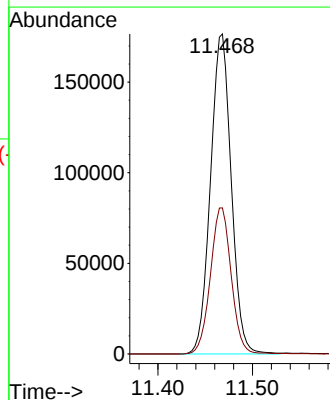
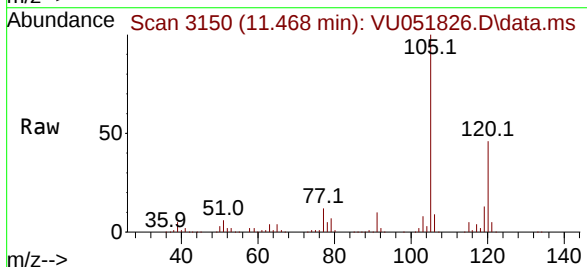
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

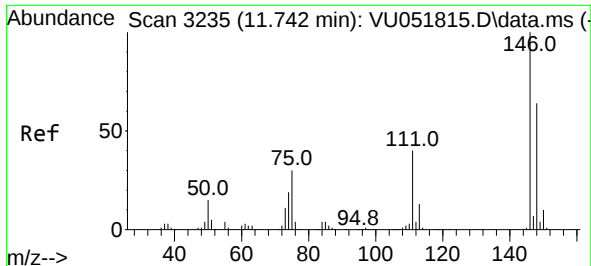
Tgt Ion:105 Resp: 93357
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.637 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:105 Resp: 268934
Ion Ratio Lower Upper
105 100
120 45.9 35.8 53.6

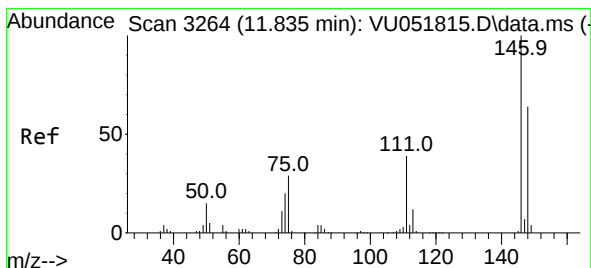
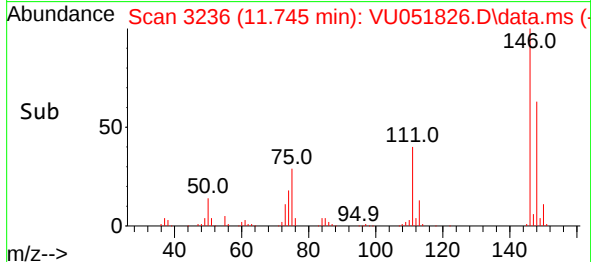
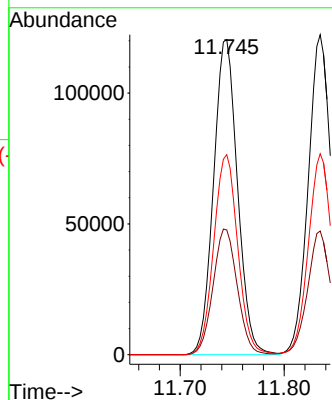
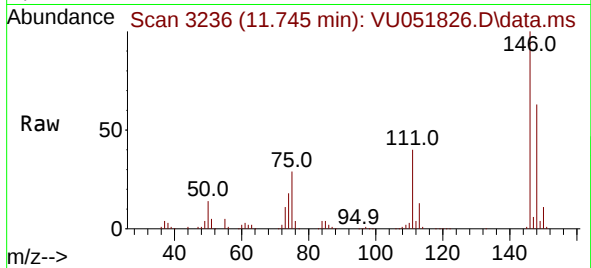




#64
1,3-Dichlorobenzene
Concen: 5.194 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

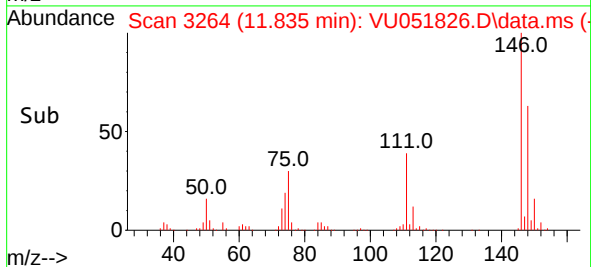
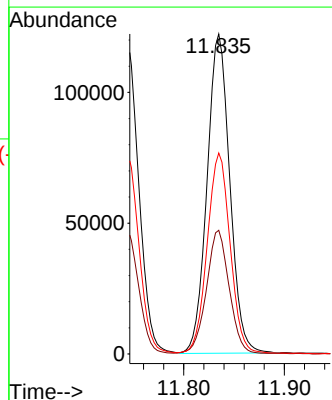
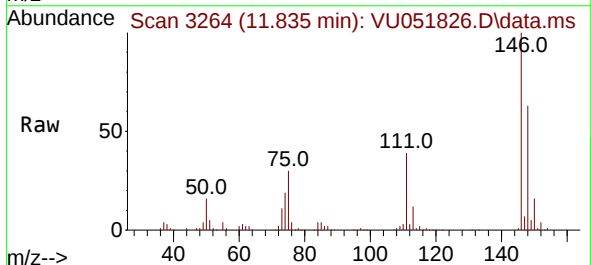
Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

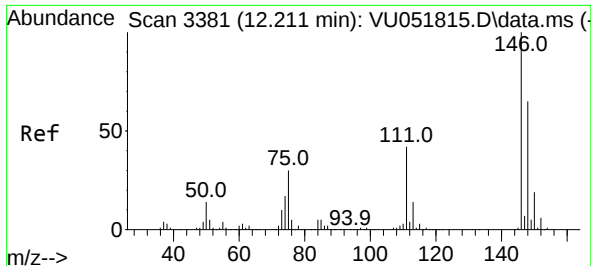
Tgt Ion:146 Resp: 193190
Ion Ratio Lower Upper
146 100
111 39.6 28.6 53.2
148 63.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.140 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:146 Resp: 191689
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.5
148 62.8 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.316 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

H0AE2MS

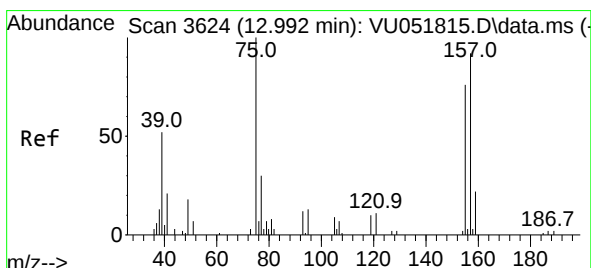
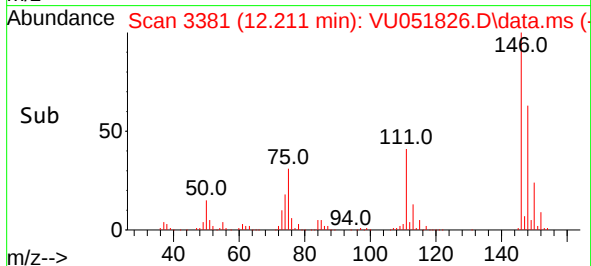
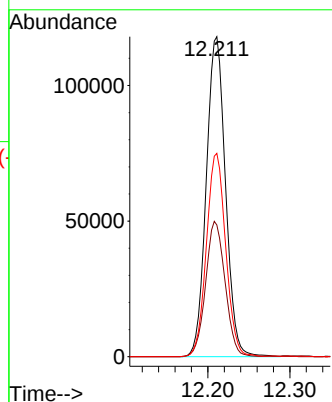
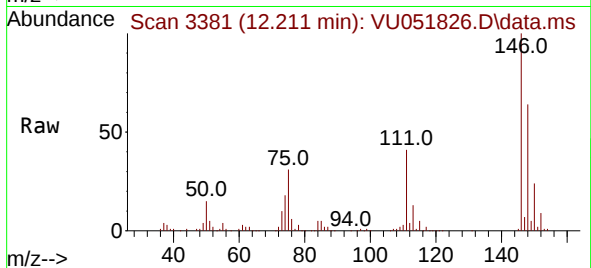
Tgt Ion:146 Resp: 192581

Ion Ratio Lower Upper

146 100

111 41.2 34.2 51.2

148 63.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 6.276 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

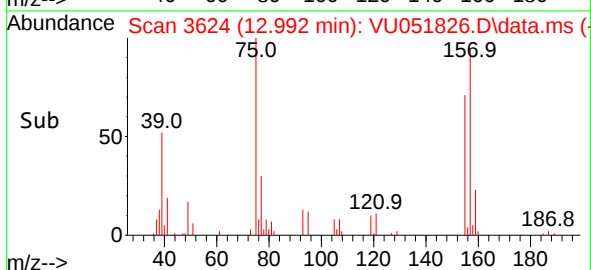
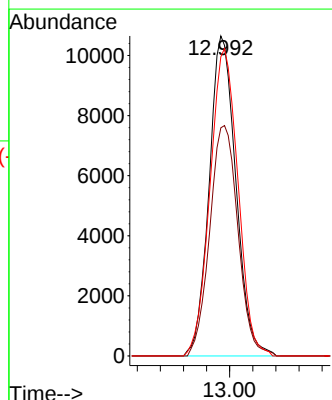
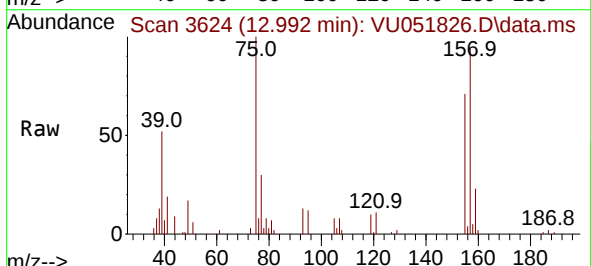
Tgt Ion: 75 Resp: 17101

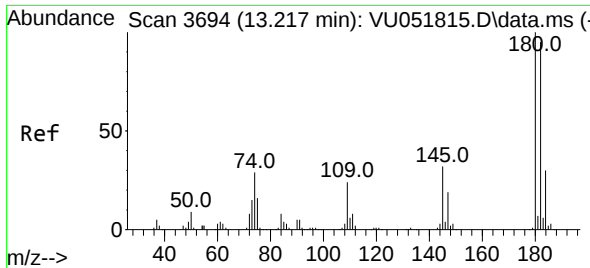
Ion Ratio Lower Upper

75 100

155 71.3 61.4 92.2

157 93.5 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 4.600 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

H0AE2MS

Tgt Ion:180 Resp: 121946

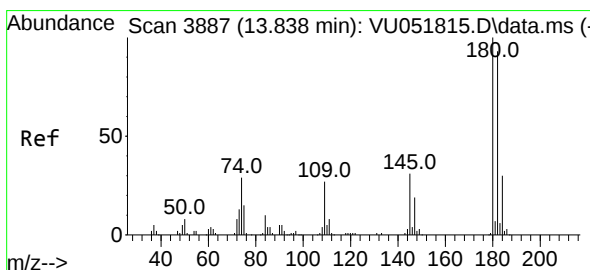
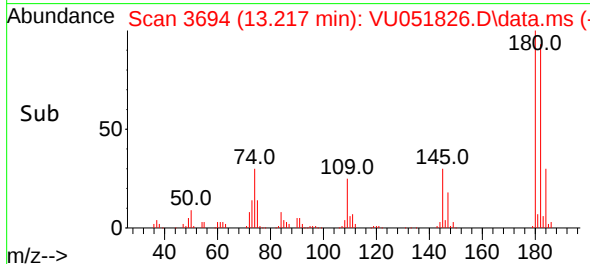
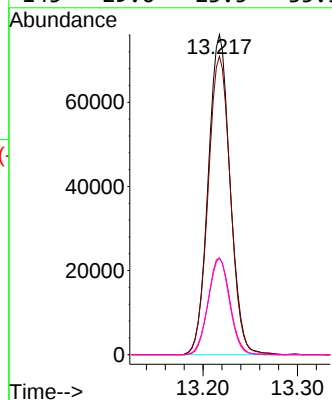
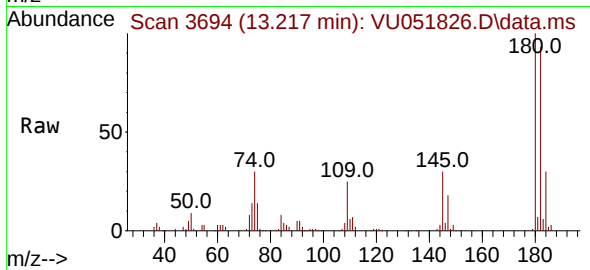
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

184 30.1 23.7 35.5

145 29.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.698 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051826.D

Acq: 11 Nov 2022 19:48

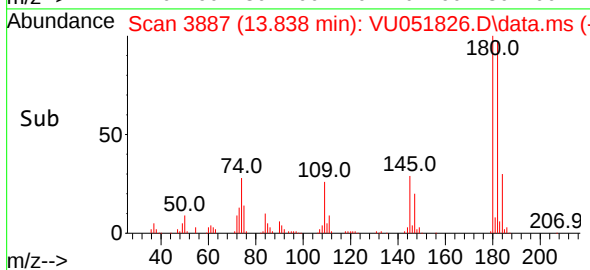
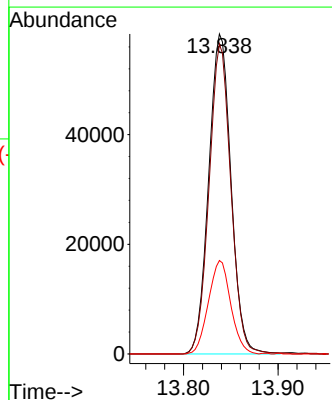
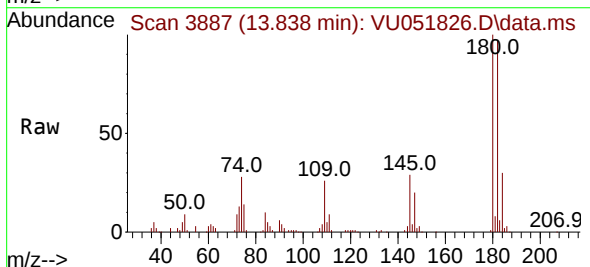
Tgt Ion:180 Resp: 95616

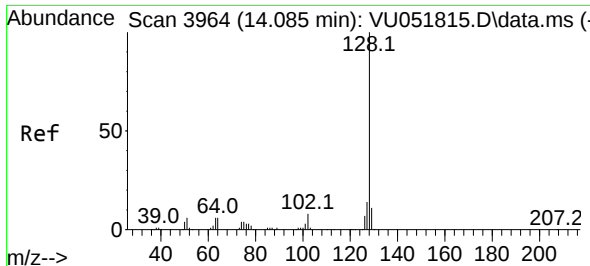
Ion Ratio Lower Upper

180 100

182 94.7 77.8 116.6

145 29.2 25.0 37.6

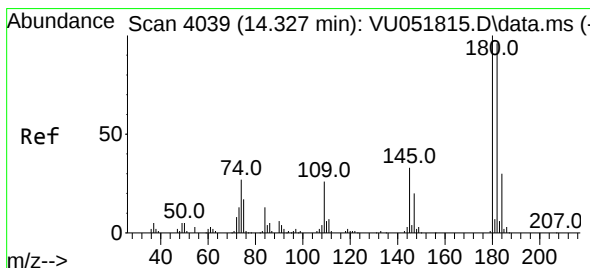
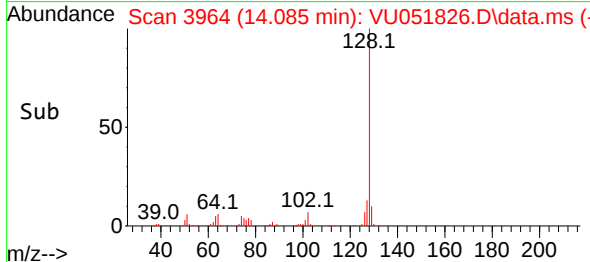
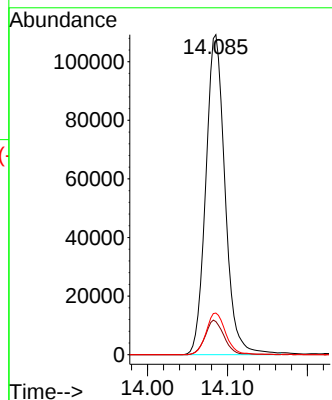
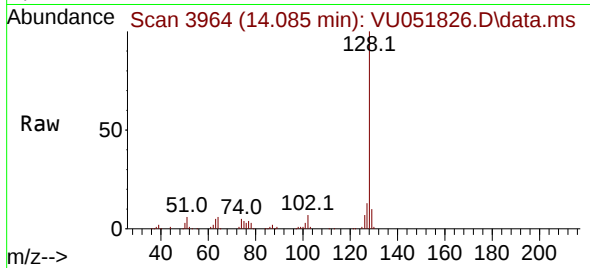




#71
Naphthalene
Concen: 4.825 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Instrument :
MSVOA_U
ClientSampleId :
H0AE2MS

Tgt Ion:128 Resp: 183302
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.867 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051826.D
Acq: 11 Nov 2022 19:48

Tgt Ion:180 Resp: 100020
Ion Ratio Lower Upper
180 100
182 93.5 76.1 114.1
145 31.6 25.6 38.4

