

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049276.D
 Acq On : 18 Jun 2022 04:05
 Operator : SY/MD
 Sample : N3285-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MSD

Quant Time: Jun 18 06:51:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	123836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37991	3.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.912	69	28757	3.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.565	65	14169	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.636	46	152803	52.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.063	84	72348	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.703	65	41022	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.729	84	132474	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.690	67	48013	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.896	98	111774	3.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.179	79	16523	3.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.632	63	111129	53.680	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	43760	4.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	46706	4.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50407	4.768	ug/L	100
3) Chloromethane	1.520	50	56196	4.842	ug/L	98
5) Vinyl chloride	1.604	62	54501	5.235	ug/L	# 14
6) Bromomethane	1.858	94	14846	2.592	ug/L	100
8) Chloroethane	1.935	64	29658	4.922	ug/L	93
9) Trichlorofluoromethane	2.138	101	64898	5.372	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	36588	5.115	ug/L	99
12) 1,1-Dichloroethene	2.578	96	35119	5.044	ug/L	96
13) Acetone	2.652	43	91604	64.062	ug/L	99
14) Carbon disulfide	2.793	76	114853	4.994	ug/L	100
15) Methyl Acetate	2.957	43	18596	4.863	ug/L	99
16) Methylene chloride	3.044	84	41511	4.531	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	105310	5.000	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	38305	4.965	ug/L	96
19) 1,1-Dichloroethane	3.871	63	78768	5.178	ug/L	96
21) 2-Butanone	4.716	43	159449	58.479	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	44039	5.104	ug/L	98
23) Bromochloromethane	4.977	128	19611	5.309	ug/L	99
25) Chloroform	5.089	83	78518	5.142	ug/L	99

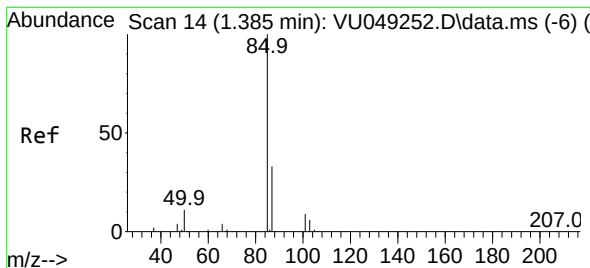
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	52084	5.179	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	66464	4.923	ug/L	97
30) Cyclohexane	5.388	56	72117	4.699	ug/L	99
31) Carbon tetrachloride	5.526	117	56625	5.009	ug/L	97
33) Benzene	5.774	78	175518	5.221	ug/L	100
34) Trichloroethene	6.542	95	44292	5.154	ug/L	99
35) Methylcyclohexane	6.764	83	66268	4.598	ug/L	99
37) 1,2-Dichloropropane	6.790	63	48962	5.300	ug/L	99
38) Bromodichloromethane	7.105	83	56882	5.038	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	62496	4.451	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	372104	54.220	ug/L	99
42) Toluene	7.970	91	184749	5.182	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	53382	4.377	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	33674	5.229	ug/L	95
47) Tetrachloroethene	8.552	164	31180	5.262	ug/L	98
48) 2-Hexanone	8.684	43	274136	55.964	ug/L	99
49) Dibromochloromethane	8.809	129	38362	5.222	ug/L	95
50) 1,2-Dibromoethane	8.925	107	32702	5.478	ug/L	98
51) Chlorobenzene	9.446	112	111113	5.119	ug/L	97
52) Ethylbenzene	9.571	91	195341	5.017	ug/L	99
53) m,p-Xylene	9.693	106	72034	4.978	ug/L	98
54) o-Xylene	10.099	106	71382	4.976	ug/L	99
55) Styrene	10.115	104	118700	4.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	46854	5.498	ug/L	98
59) Bromoform	10.292	173	22005	4.977	ug/L	99
60) Isopropylbenzene	10.484	105	190609	4.754	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33124	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	163029	4.607	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	164493	4.692	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	87624	5.106	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	86711	5.113	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	83913	5.140	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	8184	4.547	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	65808	5.114	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	58046	5.675	ug/L	99
71) Naphthalene	14.086	128	117558	5.783	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	56221	5.845	ug/L	98

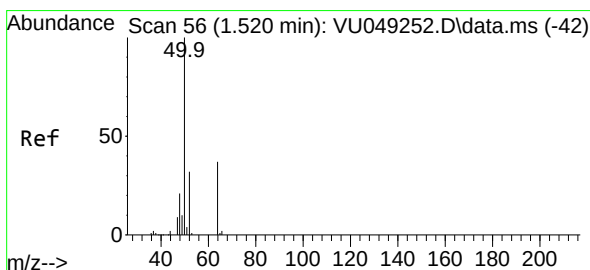
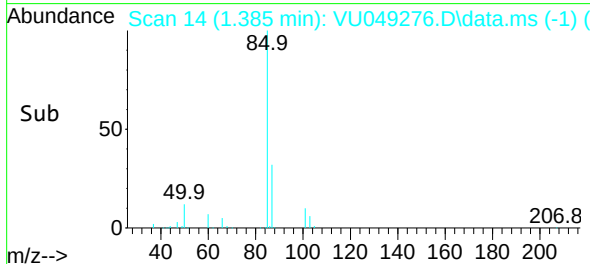
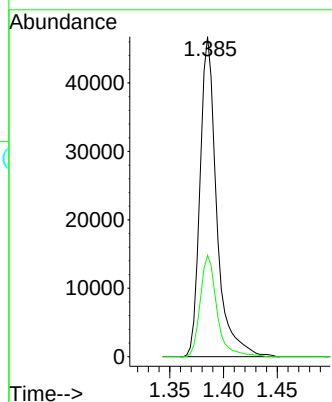
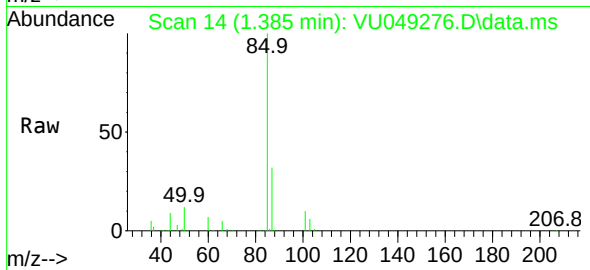
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#2
Dichlorodifluoromethane
Concen: 4.768 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

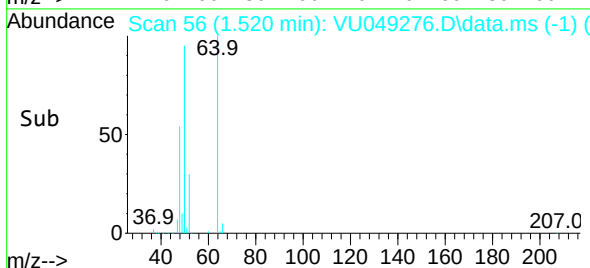
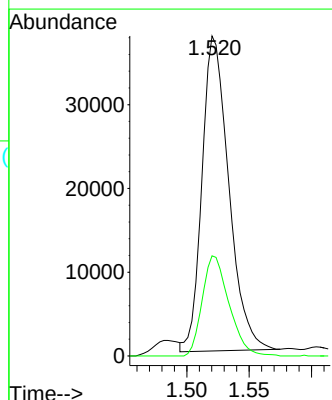
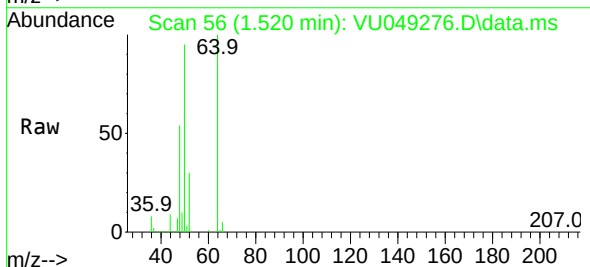
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

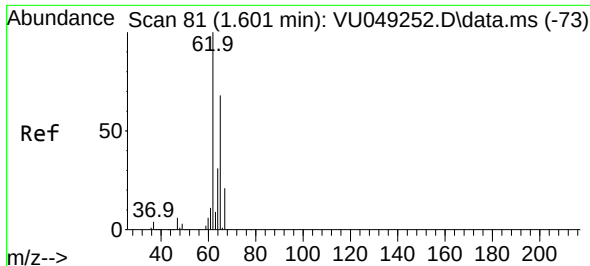
Tgt Ion: 85 Resp: 50407
Ion Ratio Lower Upper
85 100
87 31.7 25.5 38.3



#3
Chloromethane
Concen: 4.842 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 50 Resp: 56196
Ion Ratio Lower Upper
50 100
52 31.3 22.7 42.1

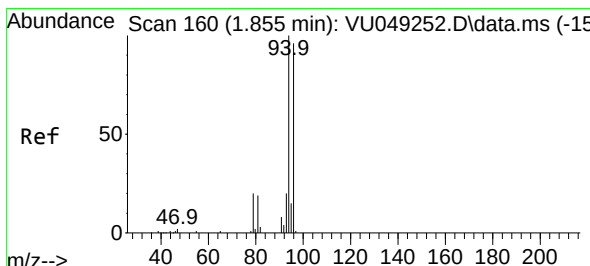
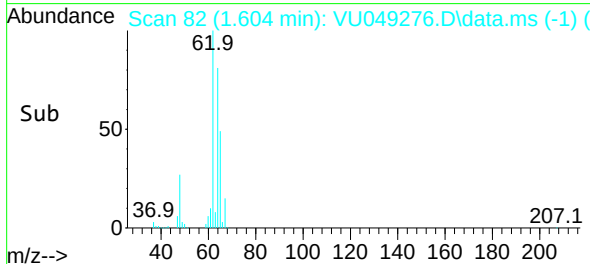
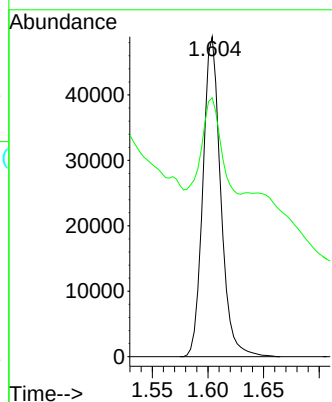
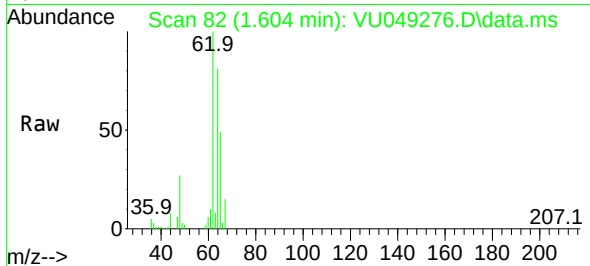




#5
 Vinyl chloride
 Concen: 5.235 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

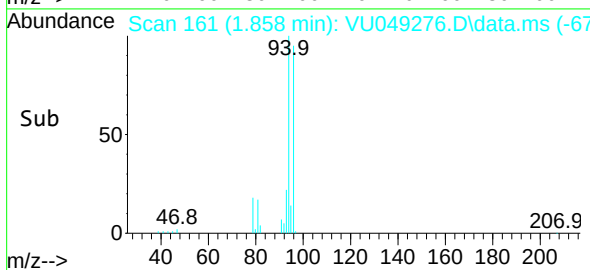
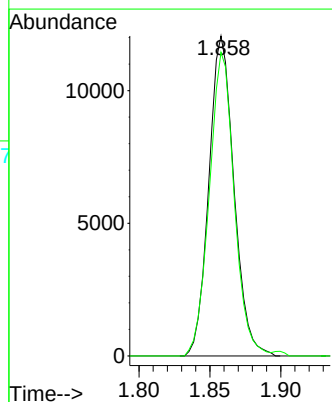
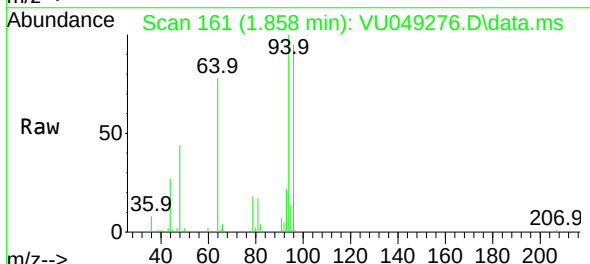
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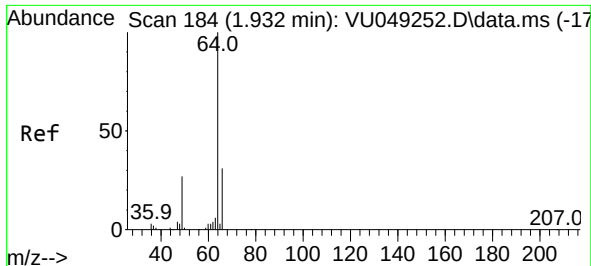
Tgt Ion: 62 Resp: 54501
 Ion Ratio Lower Upper
 62 100
 64 80.9 22.8 42.4#



#6
 Bromomethane
 Concen: 2.592 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

Tgt Ion: 94 Resp: 14846
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.4

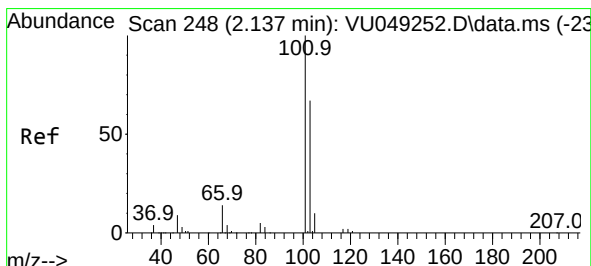
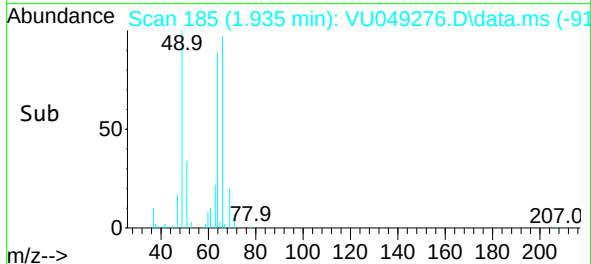
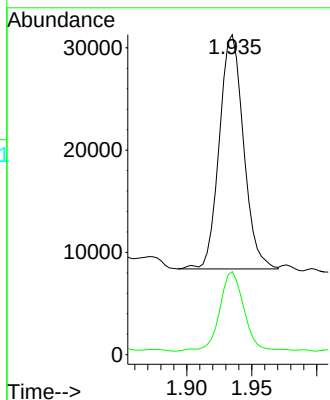
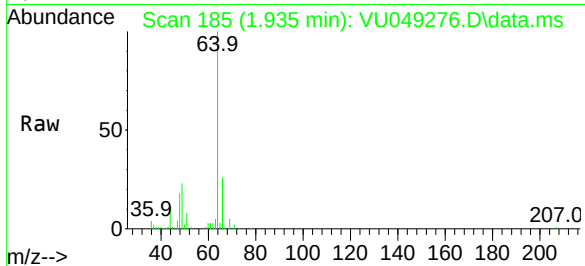




#8
Chloroethane
Concen: 4.922 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

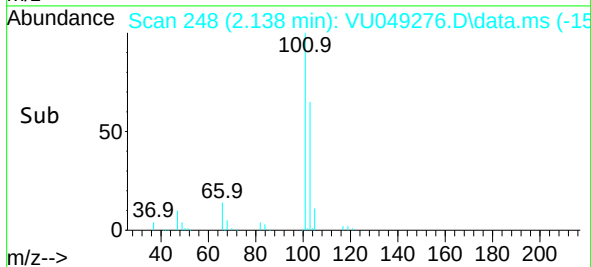
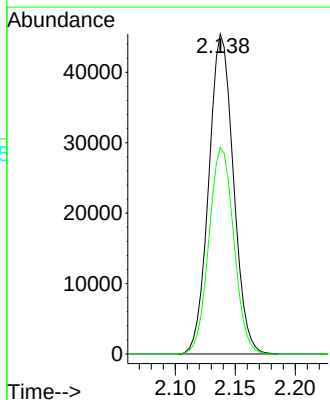
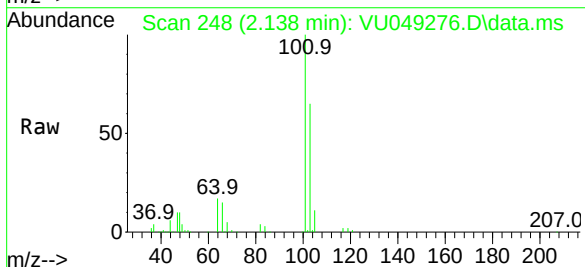
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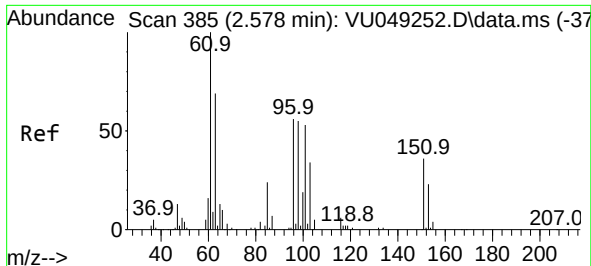
Tgt Ion: 64 Resp: 29658
Ion Ratio Lower Upper
64 100
66 26.0 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.372 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 101 Resp: 64898
Ion Ratio Lower Upper
101 100
103 65.1 53.5 80.3

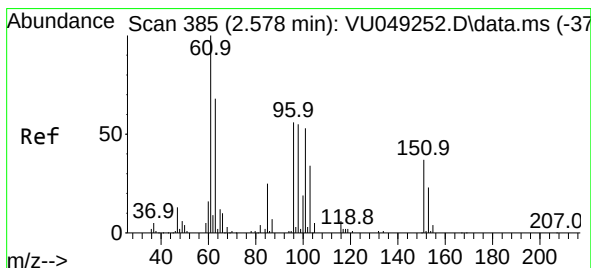
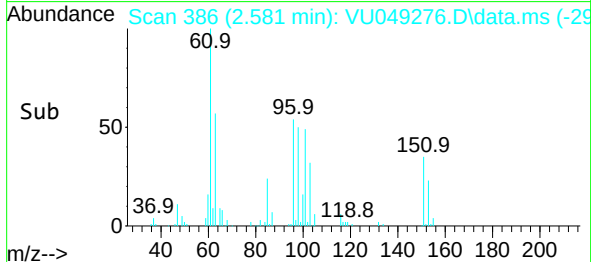
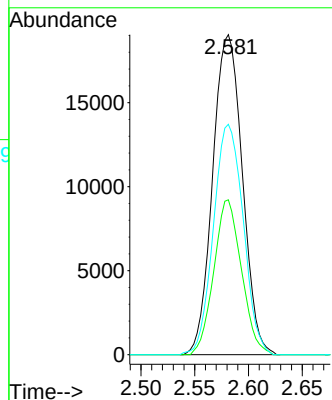
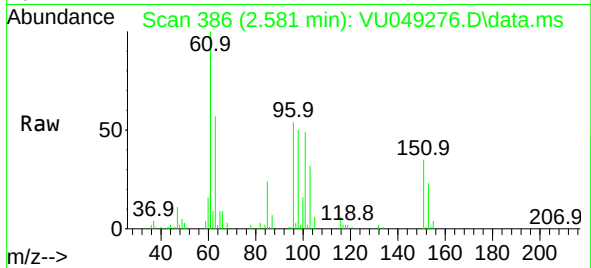




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.115 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

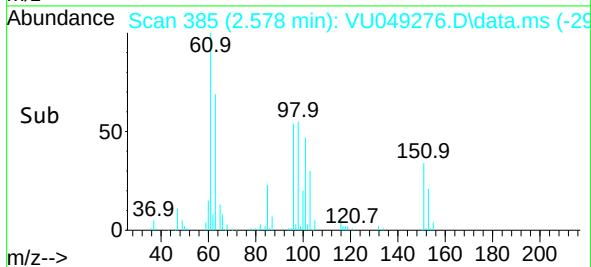
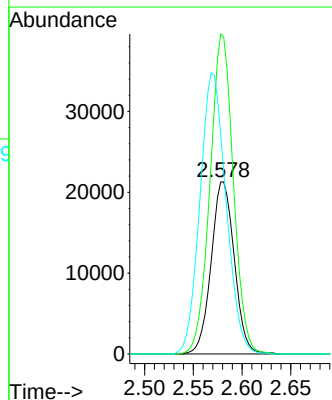
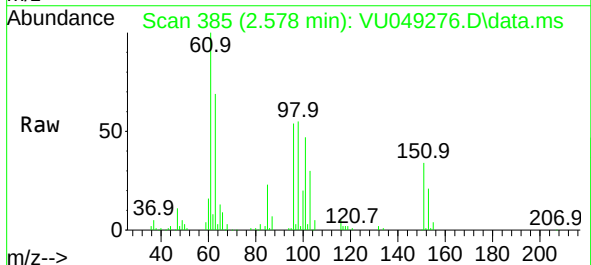
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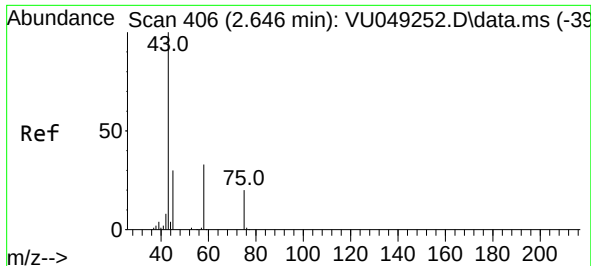
Tgt Ion:101 Resp: 36588
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 72.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.044 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

Tgt Ion: 96 Resp: 35119
 Ion Ratio Lower Upper
 96 100
 61 186.0 127.2 236.2
 63 128.1 94.7 175.9





#13

Acetone

Concen: 64.062 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.006 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

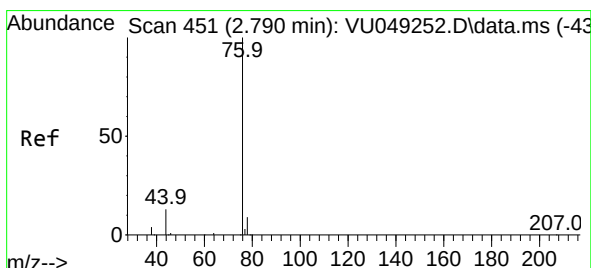
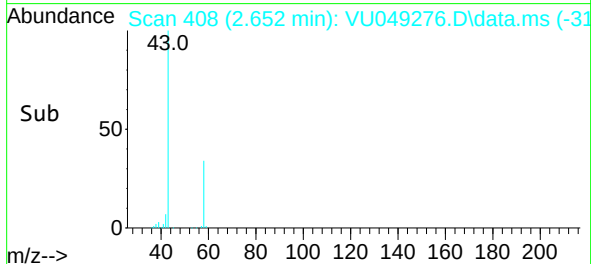
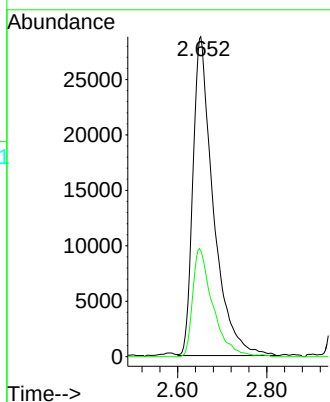
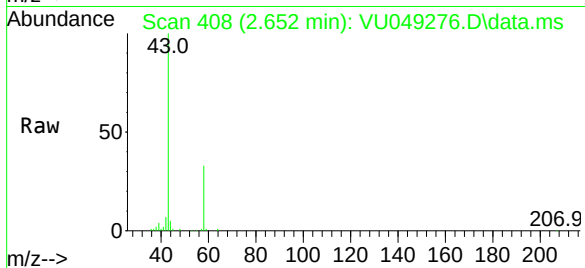
EW4Q7MSD

Tgt Ion: 43 Resp: 91604

Ion Ratio Lower Upper

43 100

58 33.2 0.0 65.8



#14

Carbon disulfide

Concen: 4.994 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049276.D

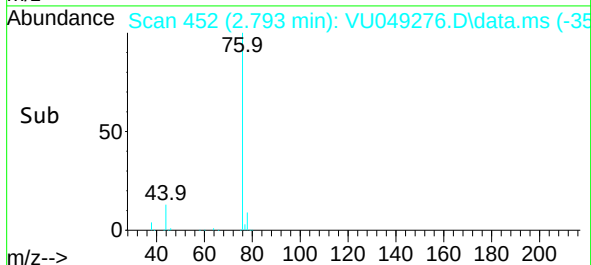
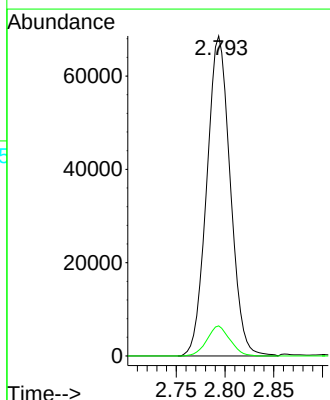
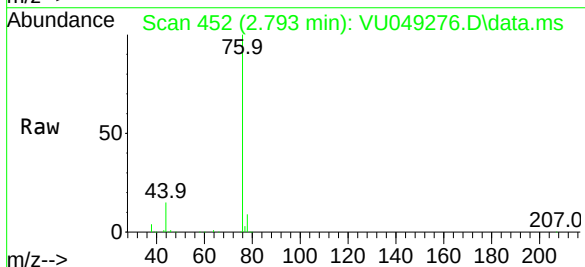
Acq: 18 Jun 2022 04:05

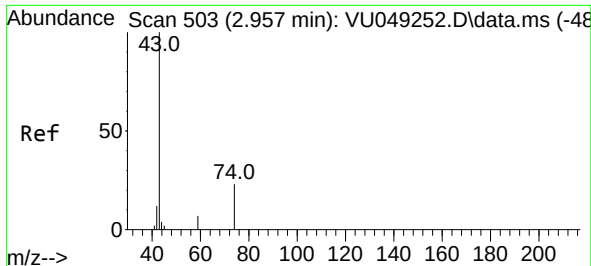
Tgt Ion: 76 Resp: 114853

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

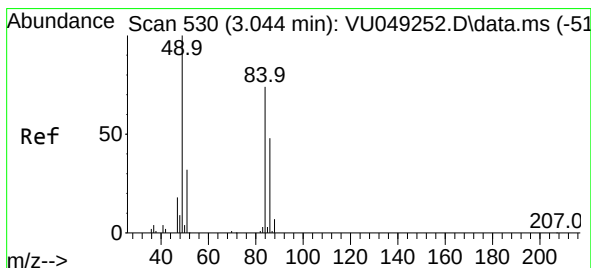
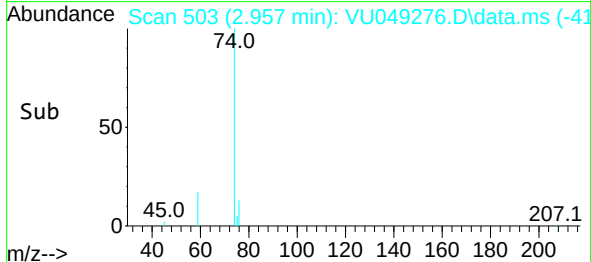
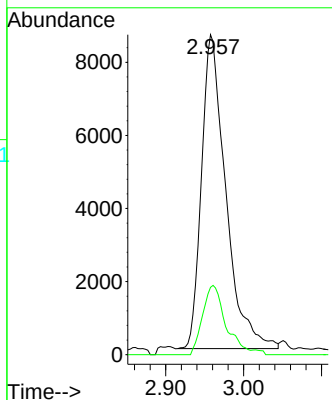
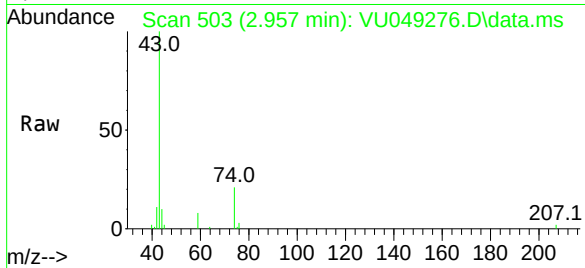




#15
Methyl Acetate
Concen: 4.863 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

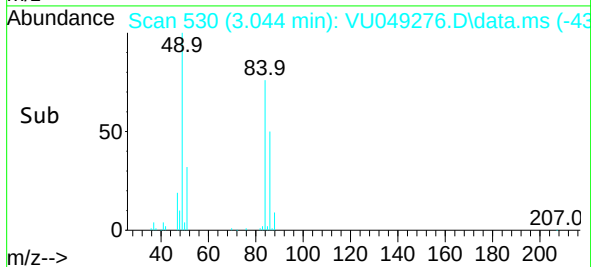
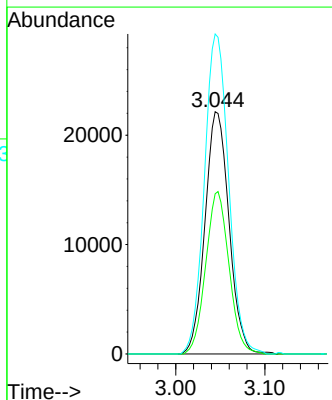
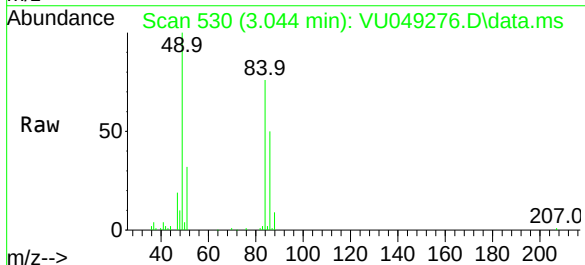
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

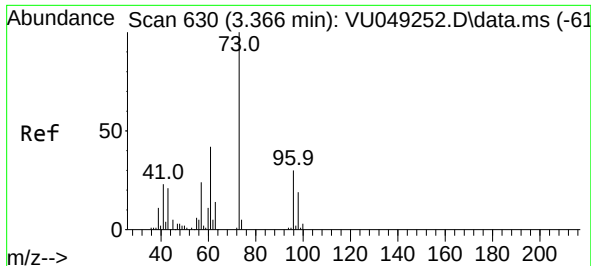
Tgt Ion: 43 Resp: 18596
Ion Ratio Lower Upper
43 100
74 21.5 17.6 26.4



#16
Methylene chloride
Concen: 4.531 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 84 Resp: 41511
Ion Ratio Lower Upper
84 100
86 66.1 43.6 81.0
49 132.1 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 5.000 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MSD

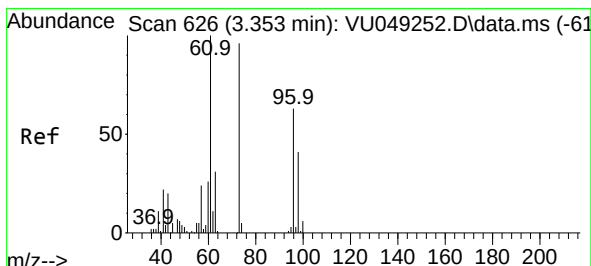
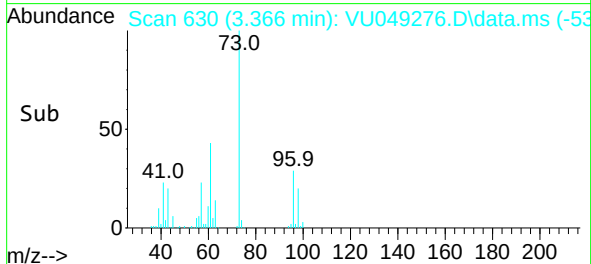
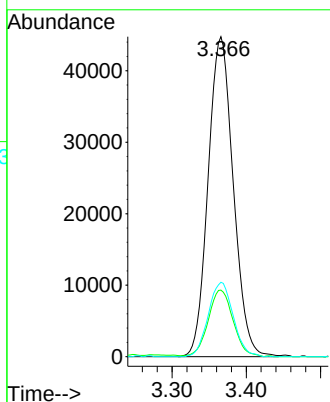
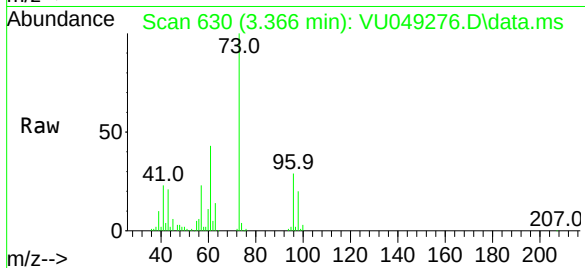
Tgt Ion: 73 Resp: 105310

Ion Ratio Lower Upper

73 100

43 20.7 16.5 24.7

57 23.1 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 4.965 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

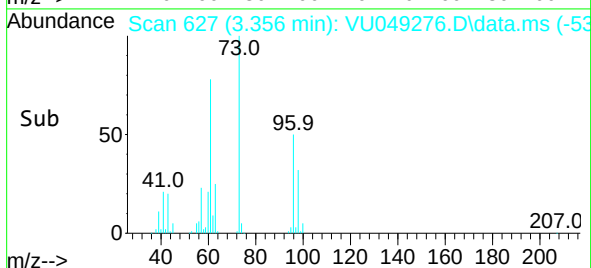
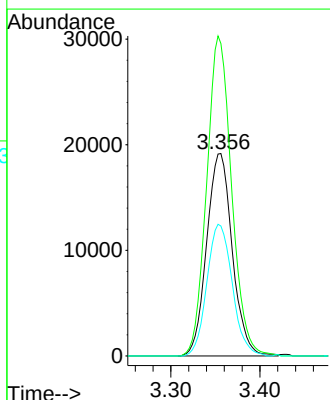
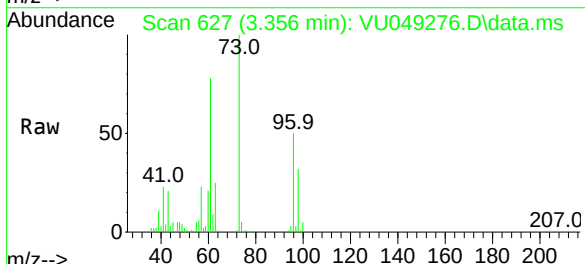
Tgt Ion: 96 Resp: 38305

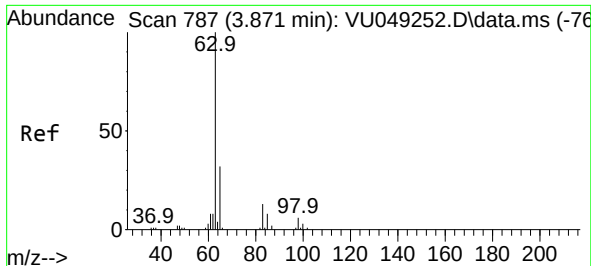
Ion Ratio Lower Upper

96 100

61 154.4 103.3 191.9

98 64.2 44.0 81.8

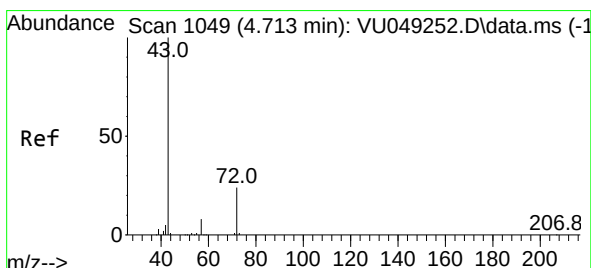
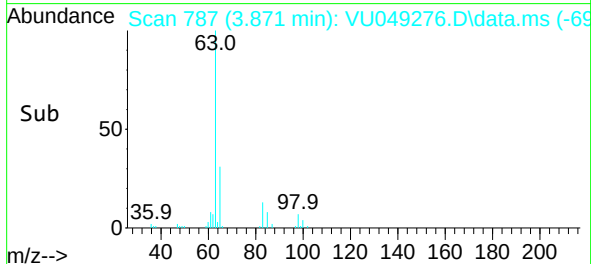
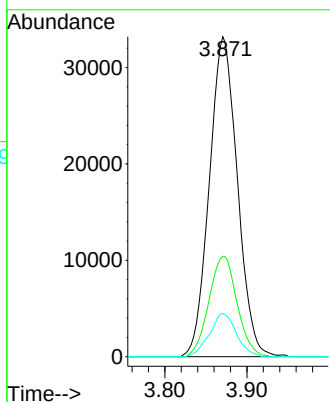
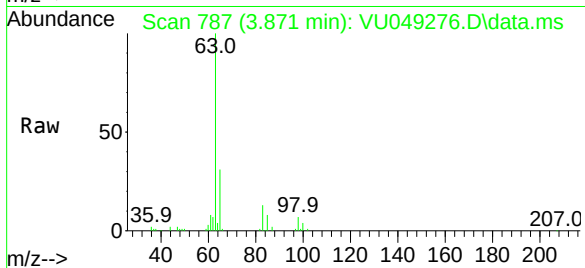




#19
1,1-Dichloroethane
Concen: 5.178 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

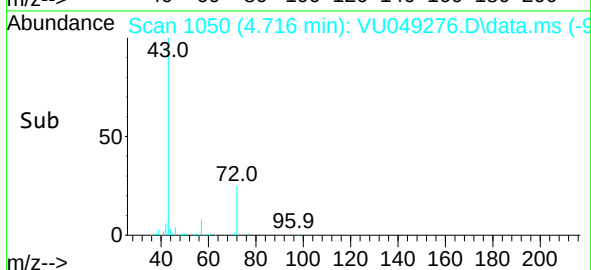
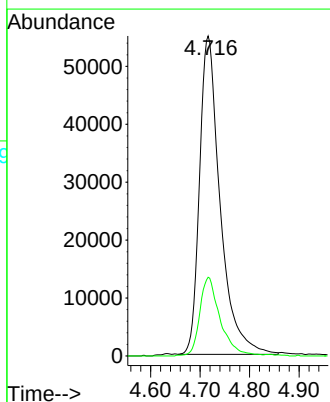
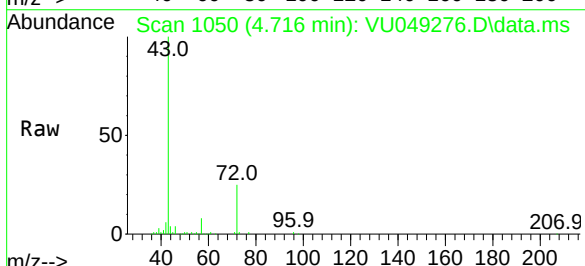
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

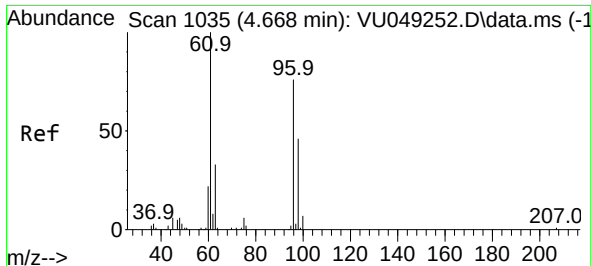
Tgt Ion: 63 Resp: 78768
Ion Ratio Lower Upper
63 100
65 31.4 24.0 44.6
83 13.4 9.1 16.9



#21
2-Butanone
Concen: 58.479 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

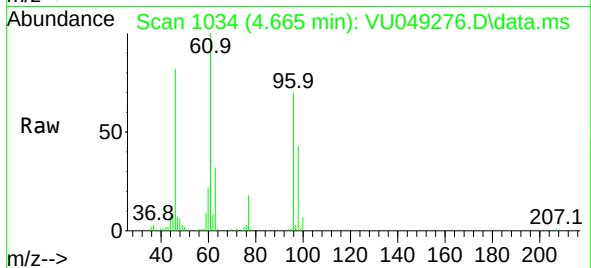
Tgt Ion: 43 Resp: 159449
Ion Ratio Lower Upper
43 100
72 24.5 12.2 36.6





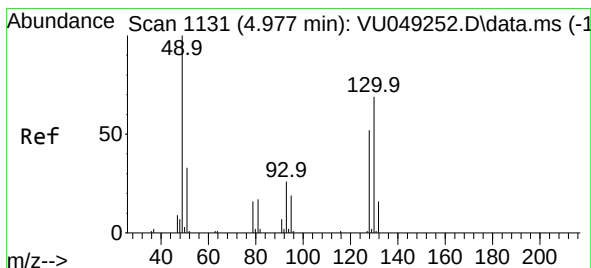
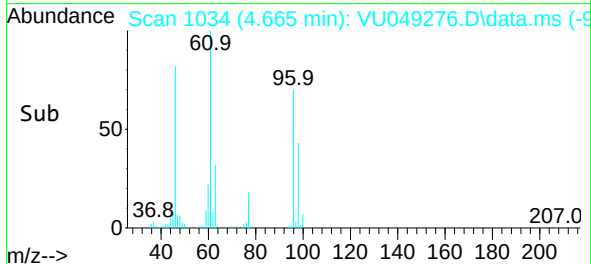
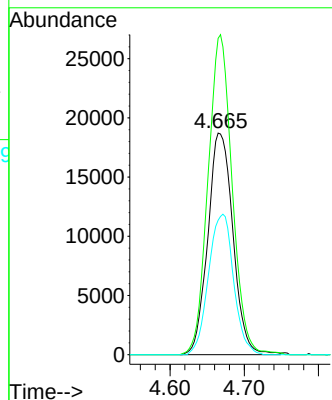
#22
 cis-1,2-Dichloroethene
 Concen: 5.104 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MSD



Tgt Ion: 96 Resp: 44039

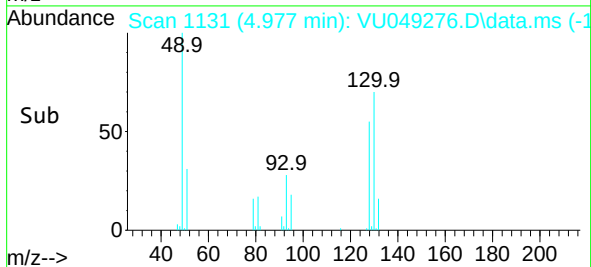
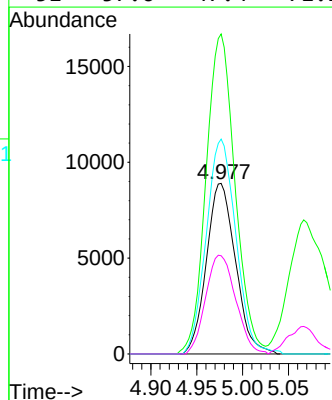
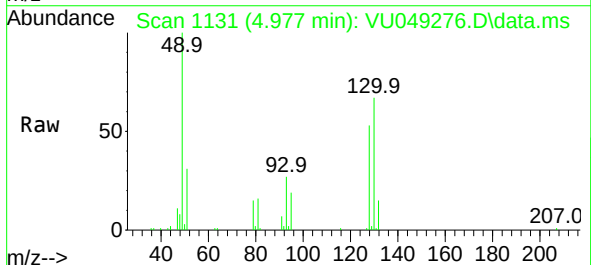
Ion	Ratio	Lower	Upper
96	100		
61	142.7	99.5	184.9
98	60.7	44.8	83.2

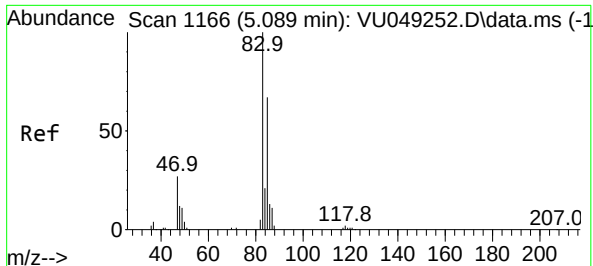


#23
 Bromochloromethane
 Concen: 5.309 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

Tgt Ion:128 Resp: 19611

Ion	Ratio	Lower	Upper
128	100		
49	187.6	131.6	244.4
130	126.0	86.9	161.5
51	57.6	47.4	71.2





#25

Chloroform

Concen: 5.142 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

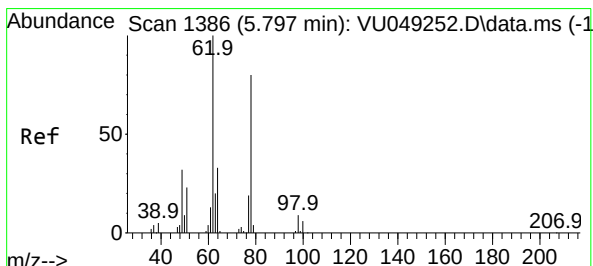
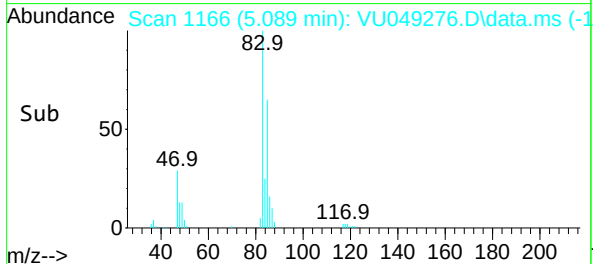
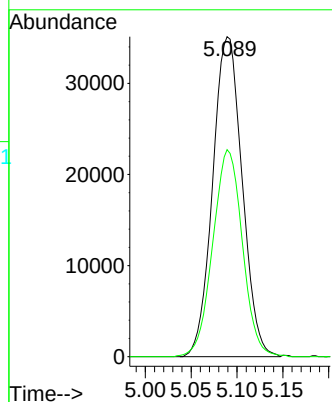
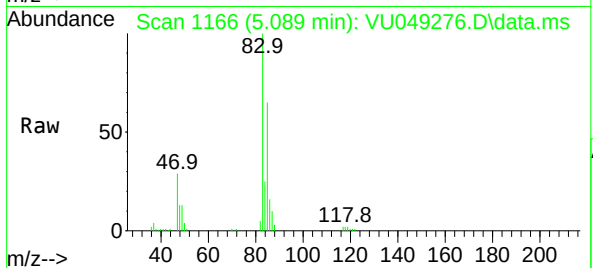
EW4Q7MSD

Tgt Ion: 83 Resp: 78518

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.179 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049276.D

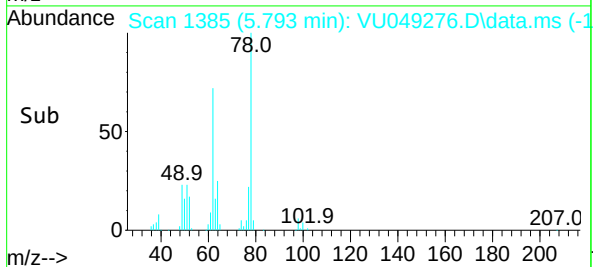
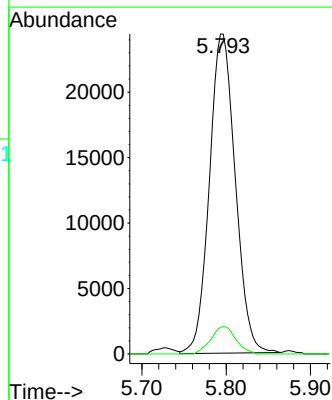
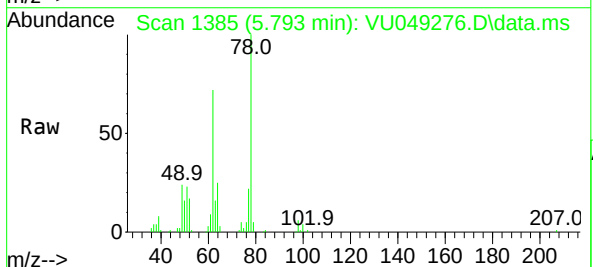
Acq: 18 Jun 2022 04:05

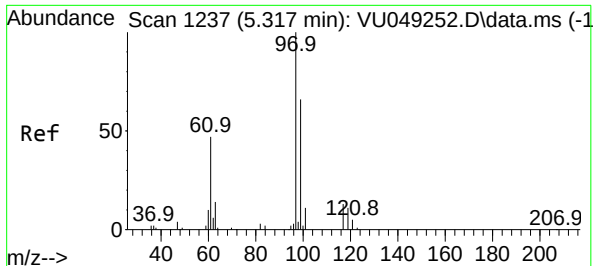
Tgt Ion: 62 Resp: 52084

Ion Ratio Lower Upper

62 100

98 8.3 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.923 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MSD

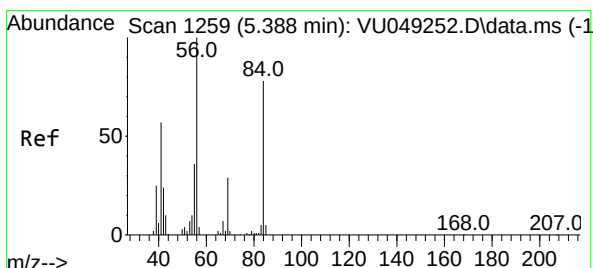
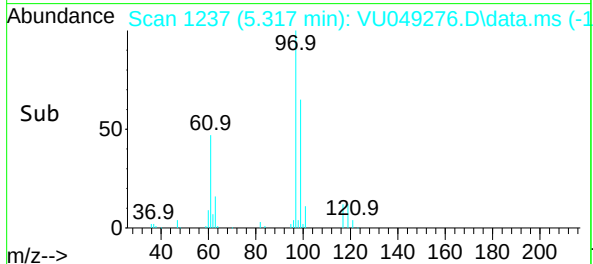
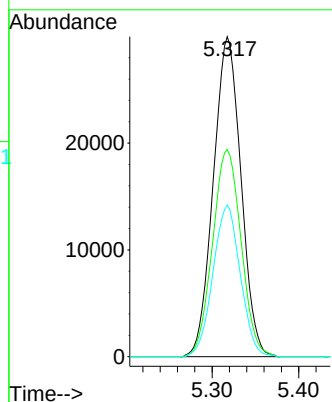
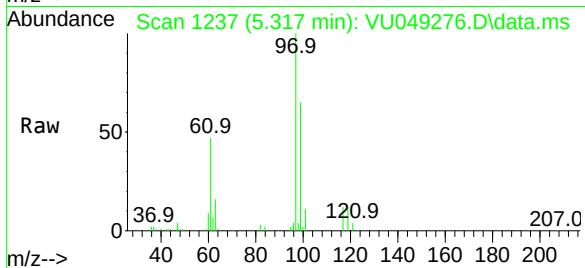
Tgt Ion: 97 Resp: 66464

Ion Ratio Lower Upper

97 100

99 66.8 51.0 76.4

61 46.8 36.2 54.4



#30

Cyclohexane

Concen: 4.699 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

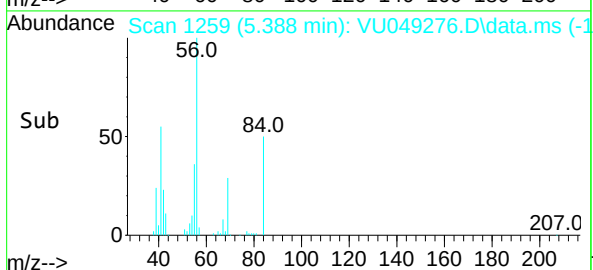
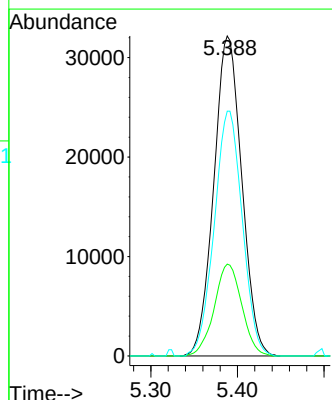
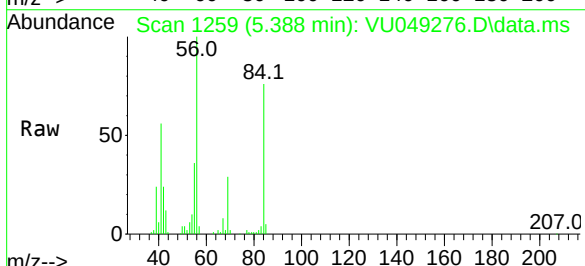
Tgt Ion: 56 Resp: 72117

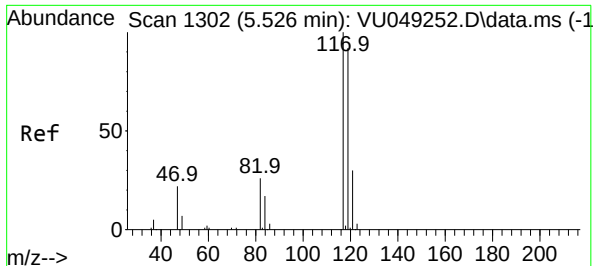
Ion Ratio Lower Upper

56 100

69 28.3 23.8 35.6

84 76.8 61.2 91.8

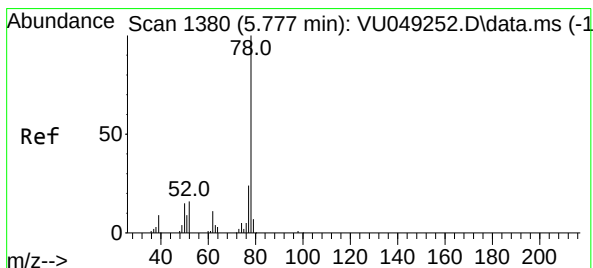
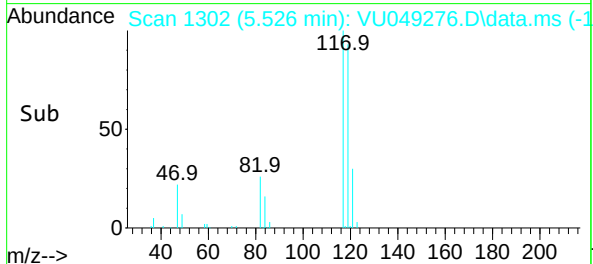
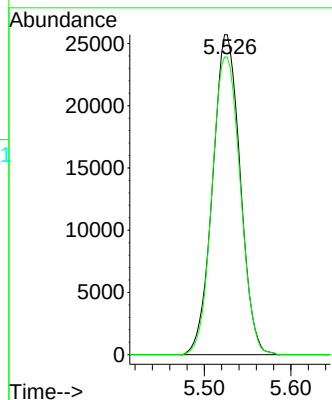
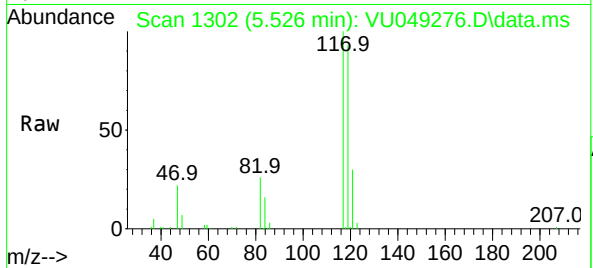




#31
Carbon tetrachloride
Concen: 5.009 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

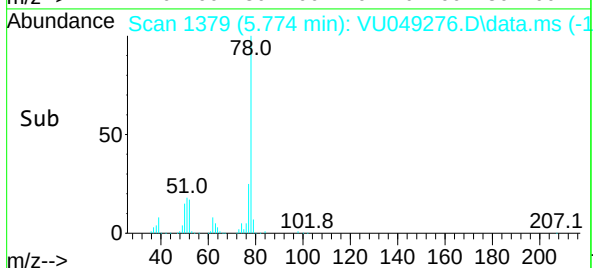
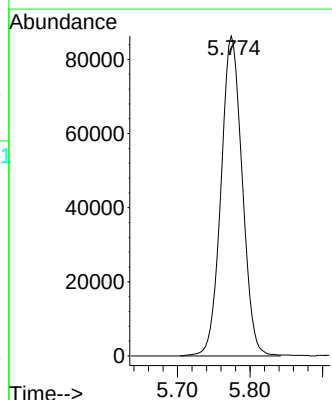
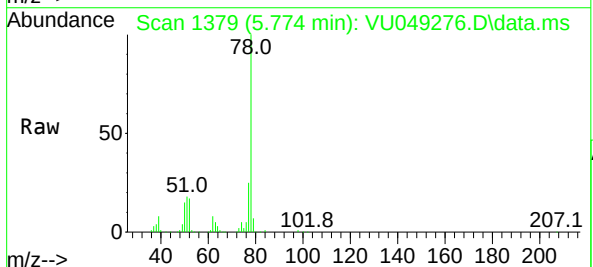
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

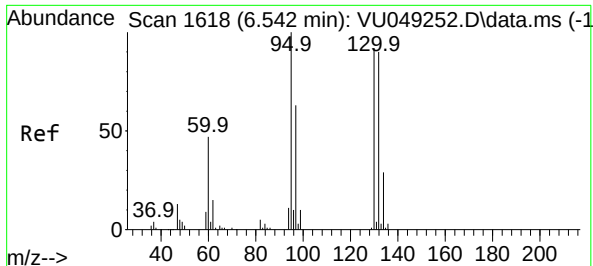
Tgt Ion:117 Resp: 56625
Ion Ratio Lower Upper
117 100
119 95.4 78.3 117.5



#33
Benzene
Concen: 5.221 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 78 Resp: 175518

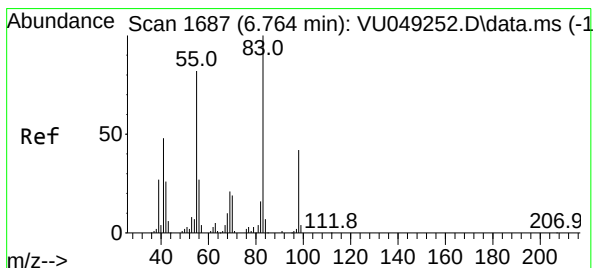
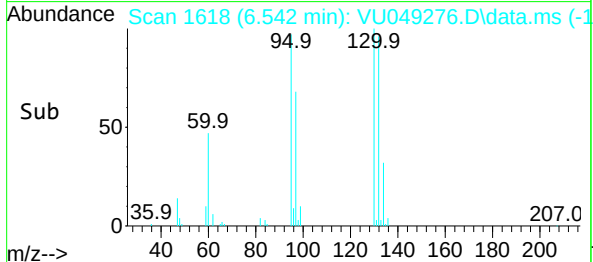
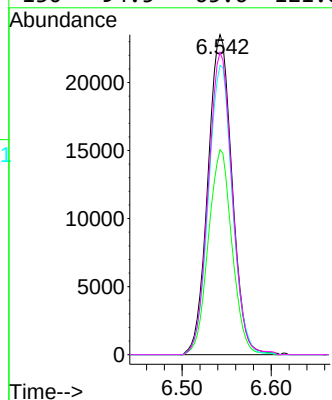
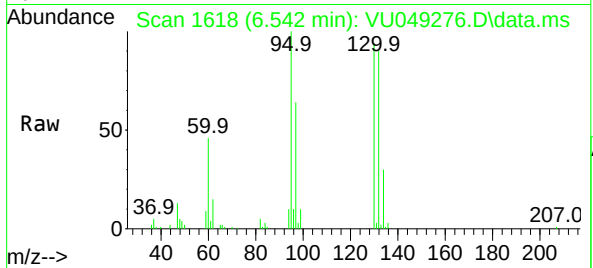




#34
Trichloroethene
Concen: 5.154 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

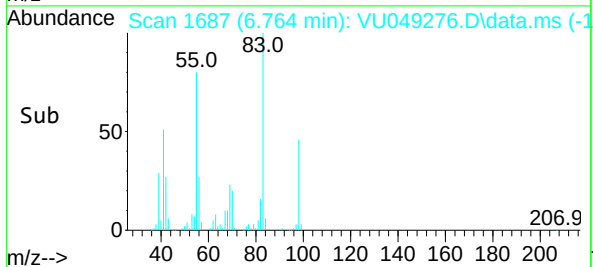
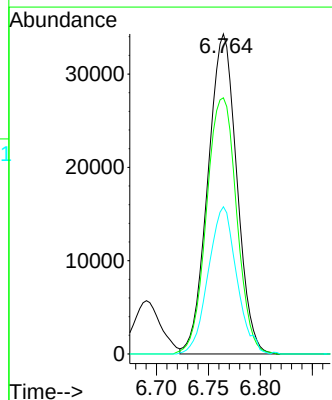
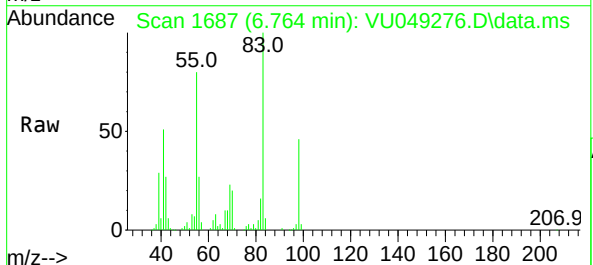
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

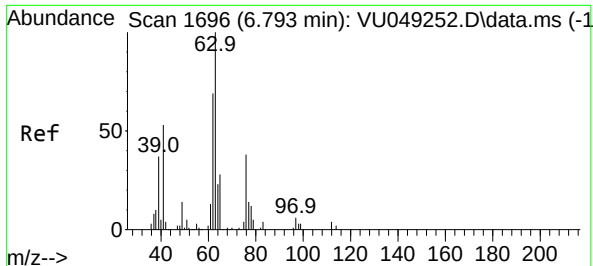
Tgt Ion: 95 Resp: 44292
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 90.4 61.5 114.3
130 94.5 65.6 121.8



#35
Methylcyclohexane
Concen: 4.598 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 83 Resp: 66268
Ion Ratio Lower Upper
83 100
55 83.5 66.9 100.3
98 45.4 35.5 53.3

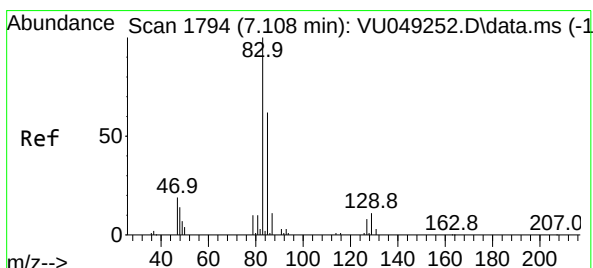
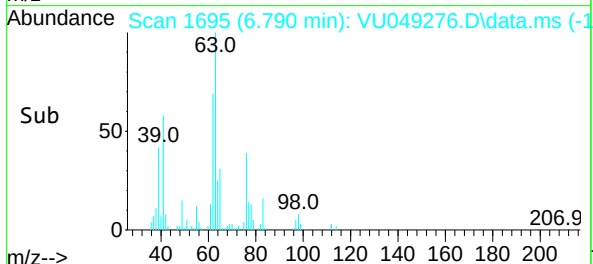
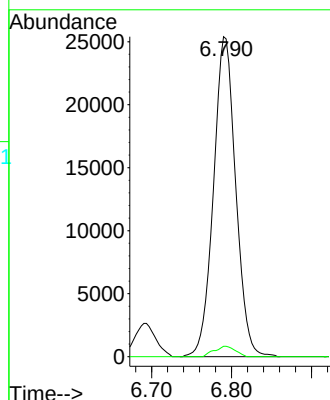
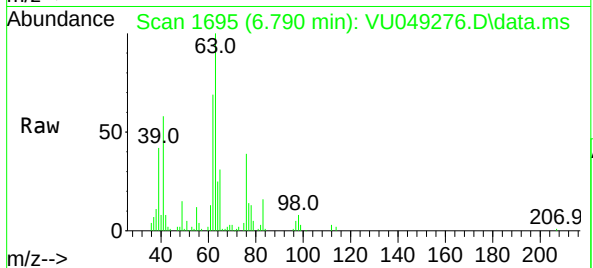




#37
1,2-Dichloropropane
Concen: 5.300 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

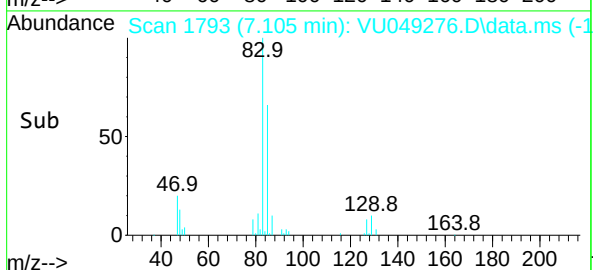
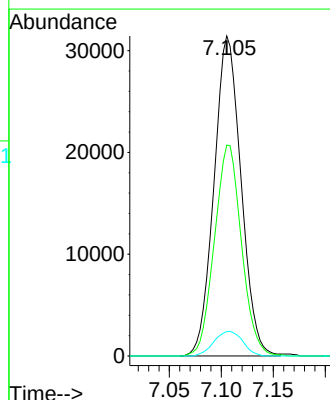
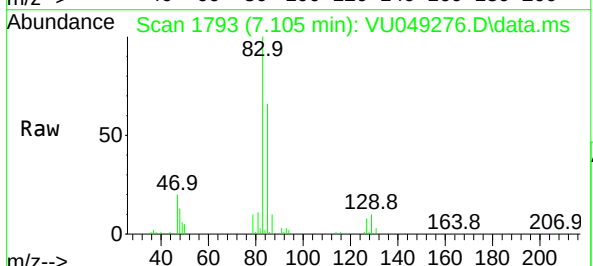
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

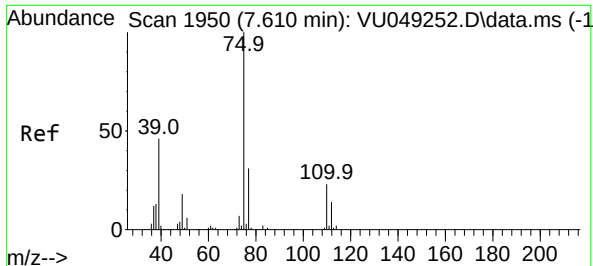
Tgt Ion: 63 Resp: 48962
Ion Ratio Lower Upper
63 100
112 3.1 2.8 4.2



#38
Bromodichloromethane
Concen: 5.038 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 83 Resp: 56882
Ion Ratio Lower Upper
83 100
85 65.9 45.5 84.5
127 7.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.451 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

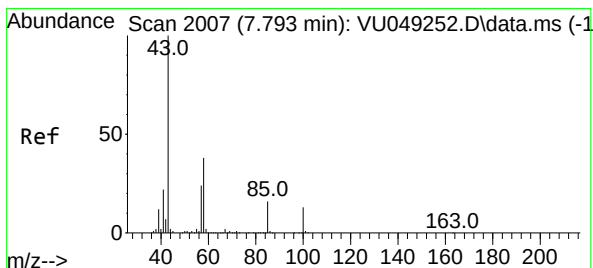
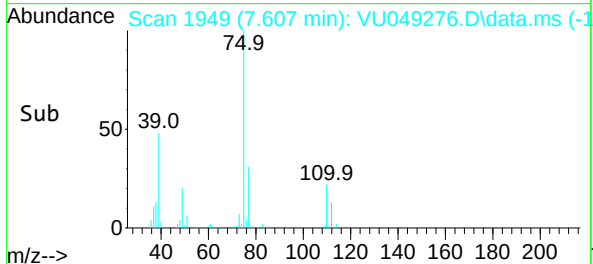
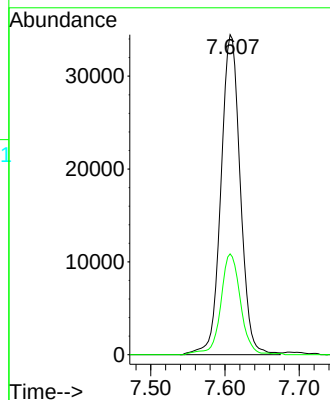
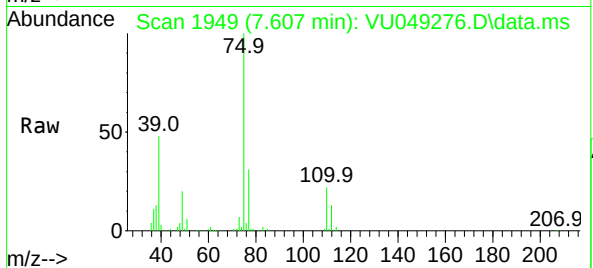
EW4Q7MSD

Tgt Ion: 75 Resp: 62496

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.220 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

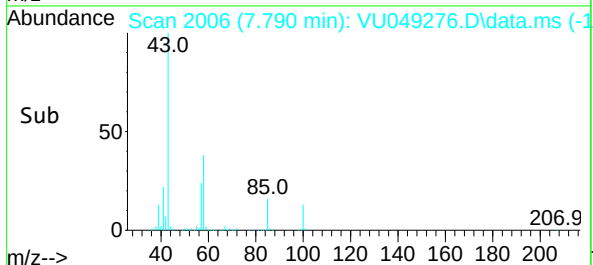
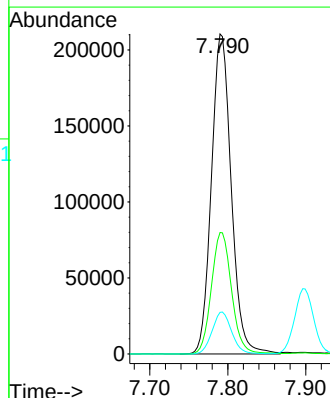
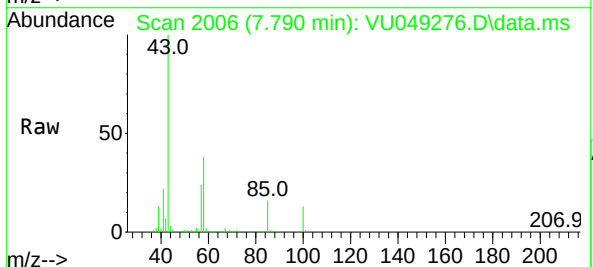
Tgt Ion: 43 Resp: 372104

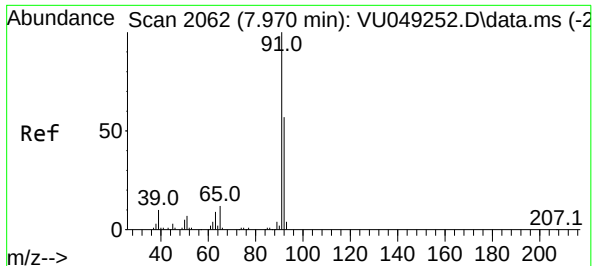
Ion Ratio Lower Upper

43 100

58 38.7 31.4 47.2

100 13.0 10.5 15.7





#42

Toluene

Concen: 5.182 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

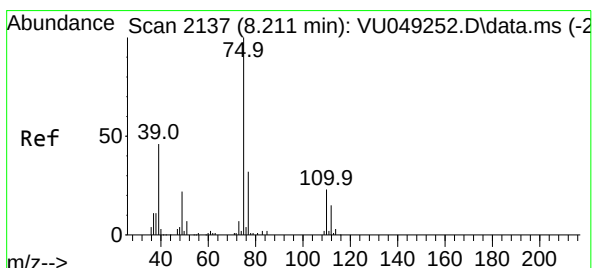
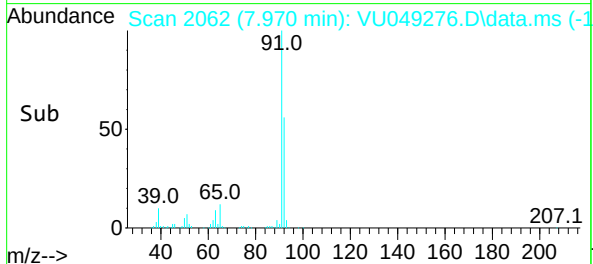
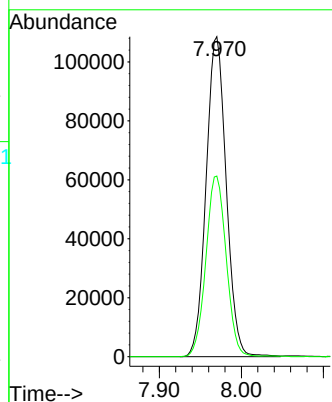
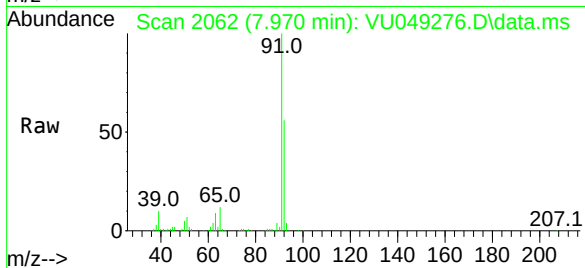
EW4Q7MSD

Tgt Ion: 91 Resp: 184749

Ion Ratio Lower Upper

91 100

92 56.5 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 4.377 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049276.D

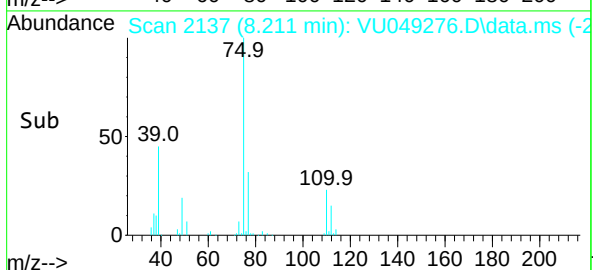
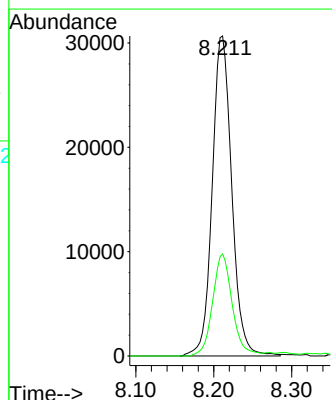
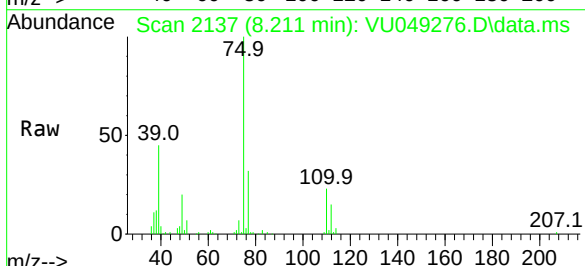
Acq: 18 Jun 2022 04:05

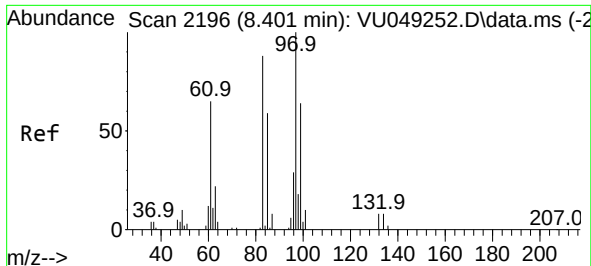
Tgt Ion: 75 Resp: 53382

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.3

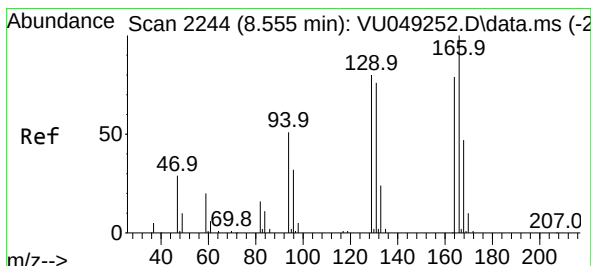
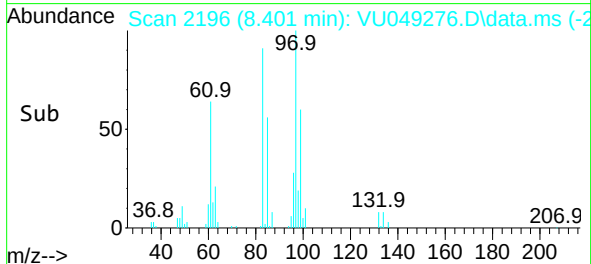
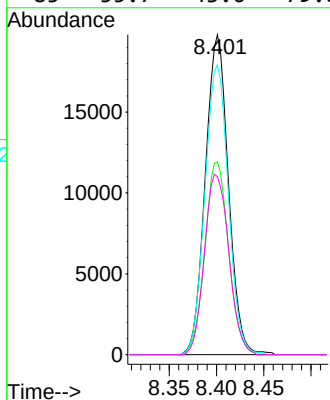
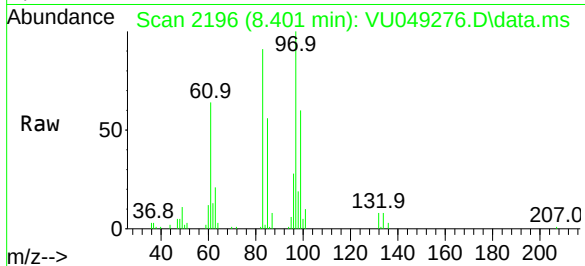




#45
1,1,2-Trichloroethane
Concen: 5.229 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

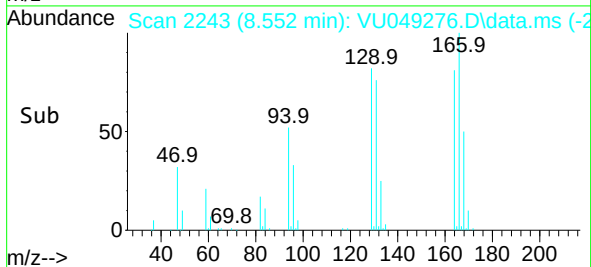
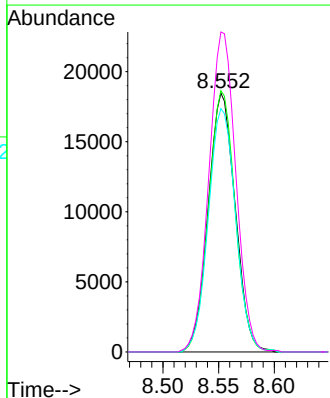
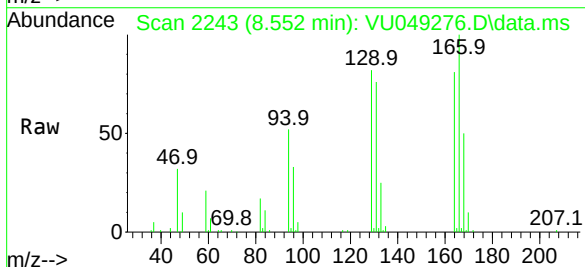
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

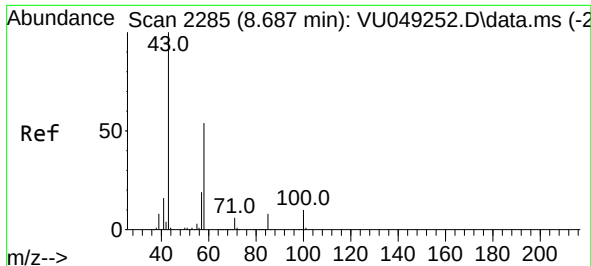
Tgt Ion:	97	Resp:	33674
Ion	Ratio	Lower	Upper
97	100		
99	60.3	45.6	84.8
83	90.5	65.4	121.4
85	55.7	43.0	79.8



#47
Tetrachloroethene
Concen: 5.262 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

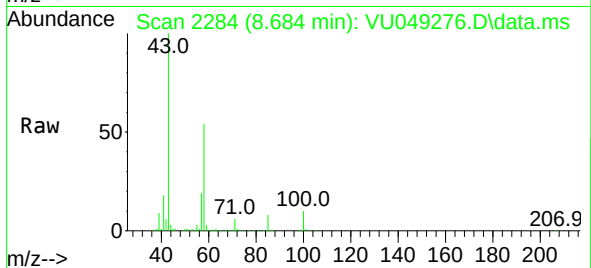
Tgt Ion:	164	Resp:	31180
Ion	Ratio	Lower	Upper
164	100		
129	101.0	69.8	129.6
131	94.0	67.8	125.8
166	123.7	87.3	162.1



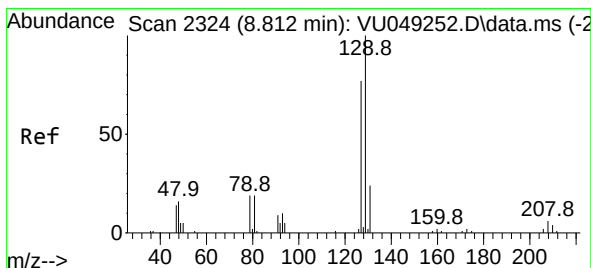
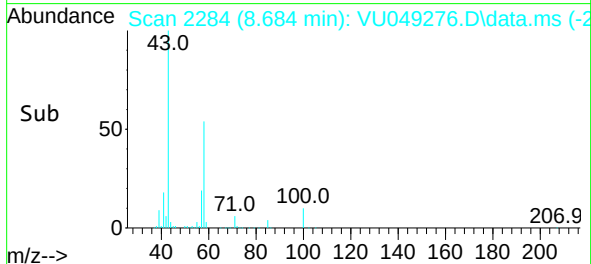
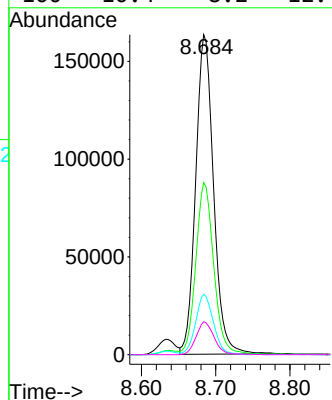


#48
2-Hexanone
Concen: 55.964 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

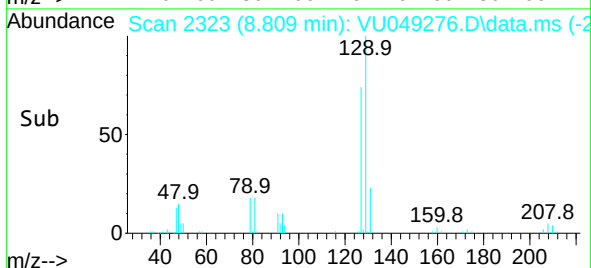
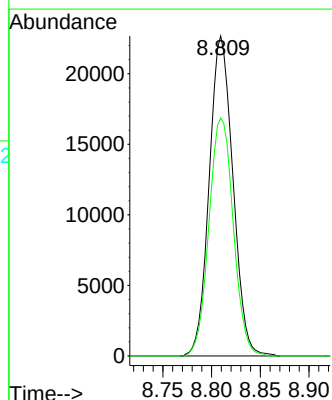
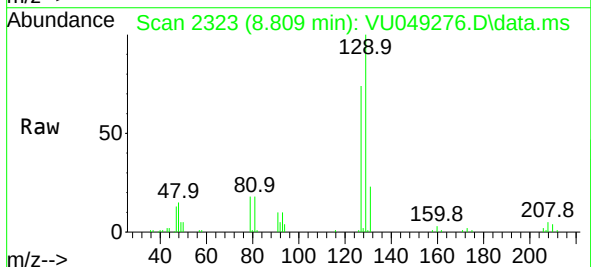


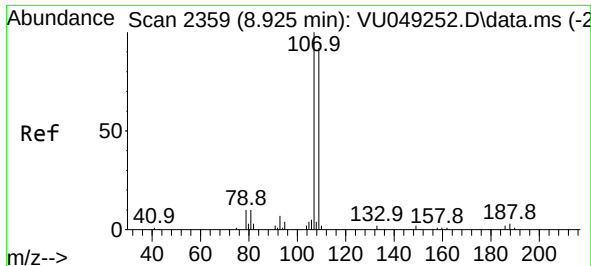
Tgt Ion: 43 Resp: 274136
Ion Ratio Lower Upper
43 100
58 53.7 43.4 65.0
57 18.8 14.9 22.3
100 10.4 8.2 12.4



#49
Dibromochloromethane
Concen: 5.222 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 129 Resp: 38362
Ion Ratio Lower Upper
129 100
127 74.4 54.9 101.9

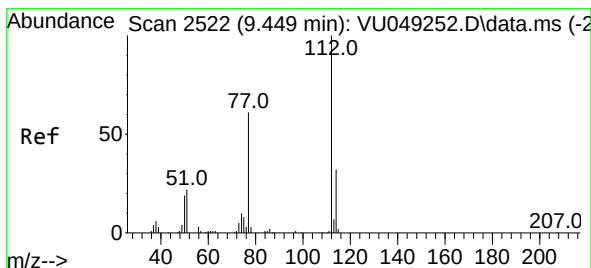
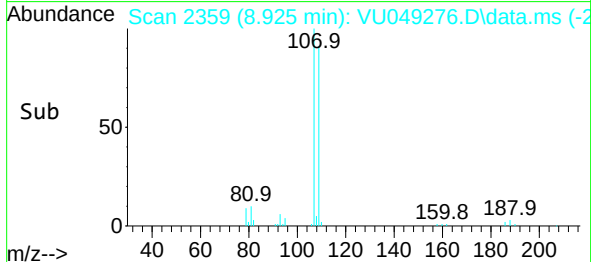
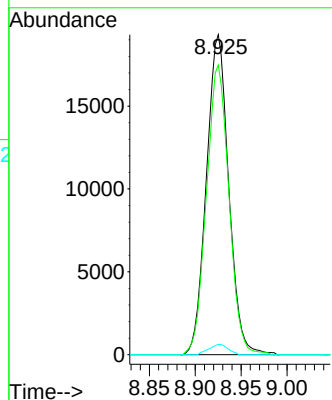
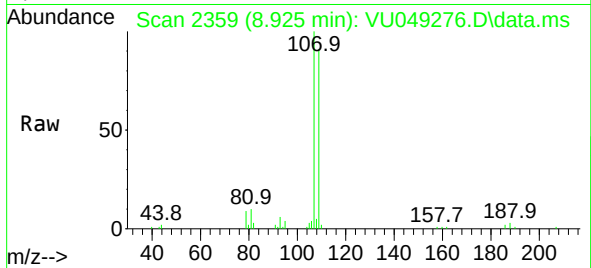




#50
1,2-Dibromoethane
Concen: 5.478 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

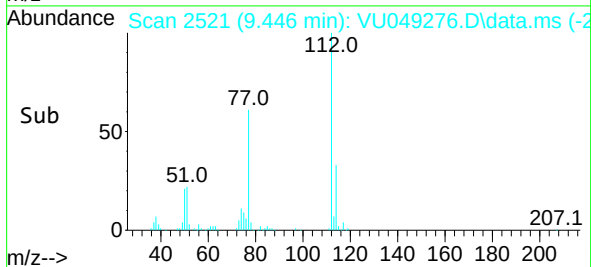
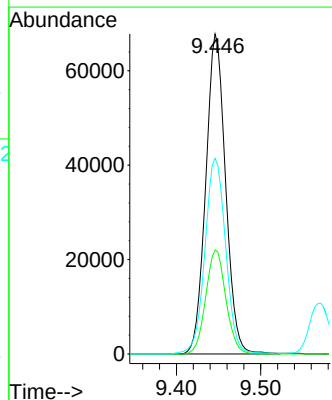
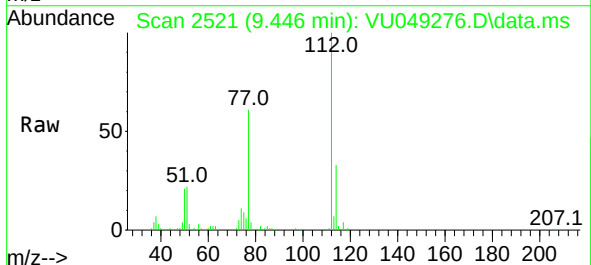
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

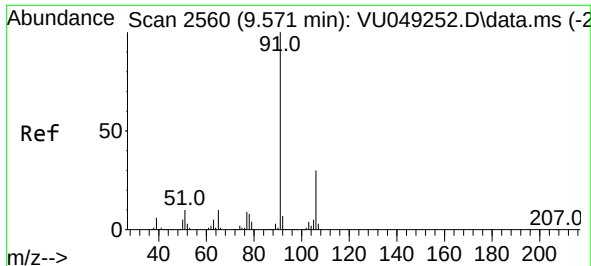
Tgt Ion:107 Resp: 32702
Ion Ratio Lower Upper
107 100
109 90.5 64.4 119.6
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 5.119 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion:112 Resp: 111113
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.3
77 61.2 51.0 76.6

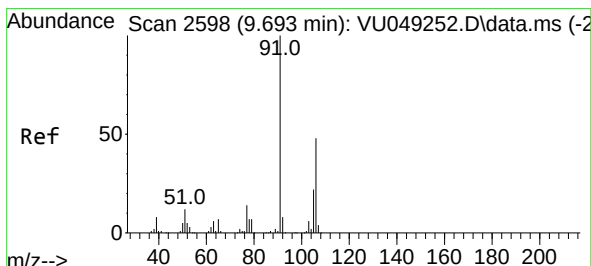
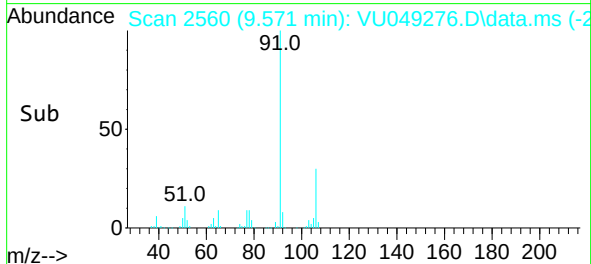
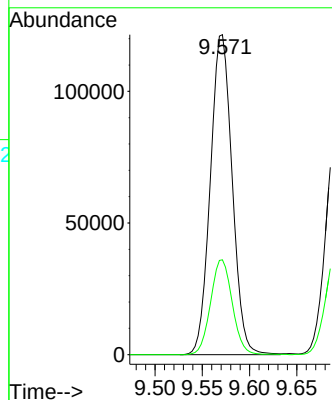
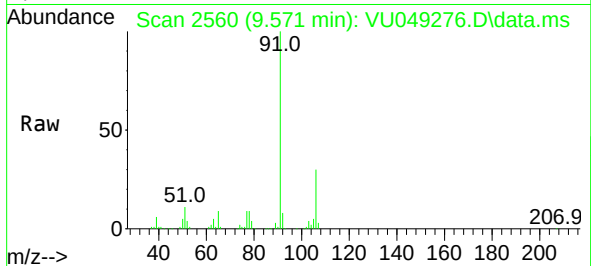




#52
Ethylbenzene
Concen: 5.017 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

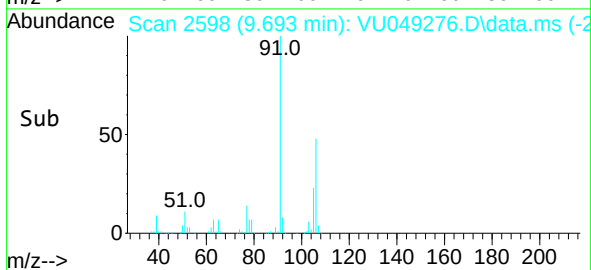
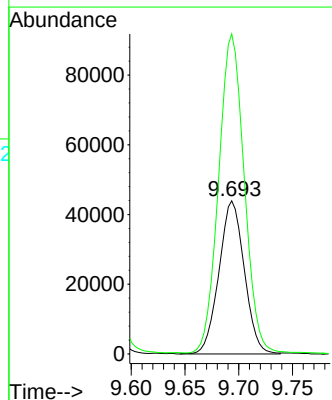
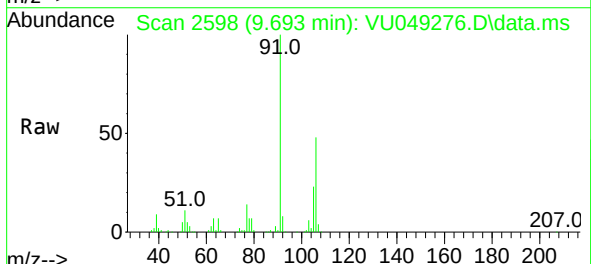
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

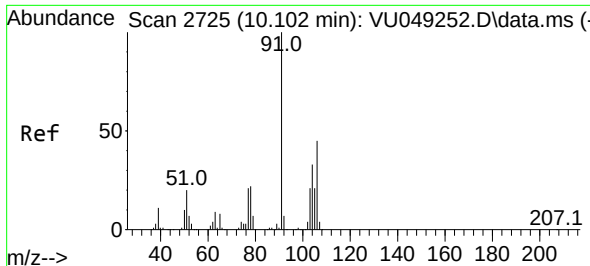
Tgt Ion: 91 Resp: 195341
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 4.978 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 106 Resp: 72034
Ion Ratio Lower Upper
106 100
91 208.9 148.5 275.7

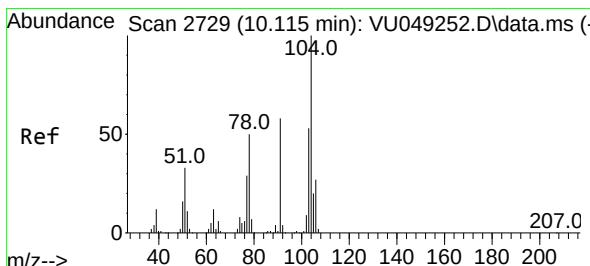
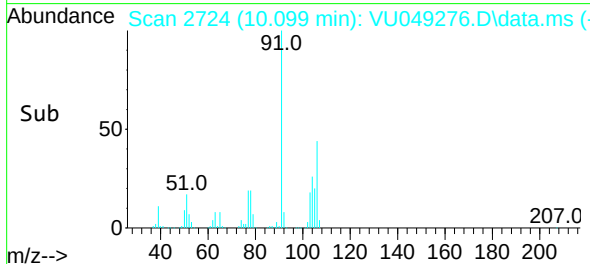
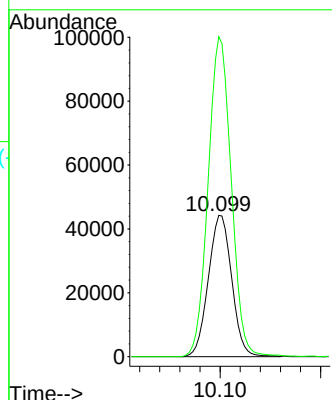
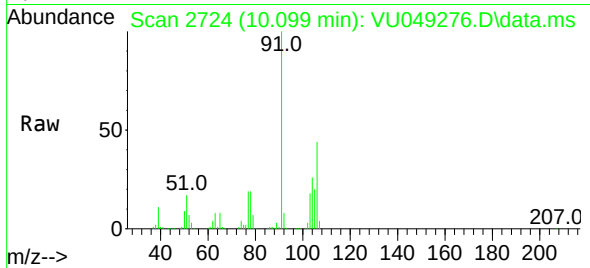




#54
o-Xylene
Concen: 4.976 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

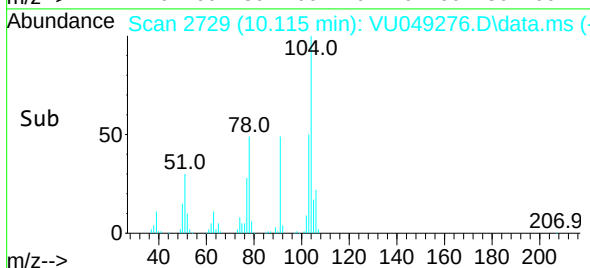
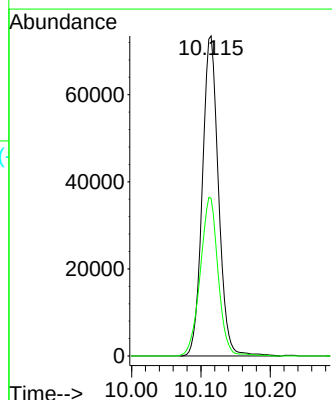
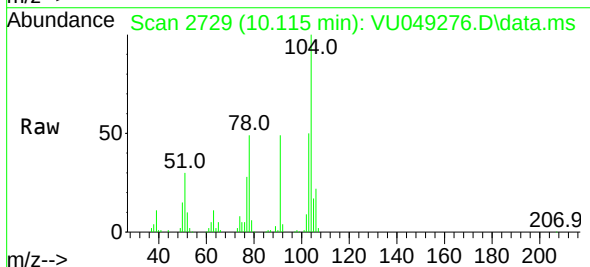
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

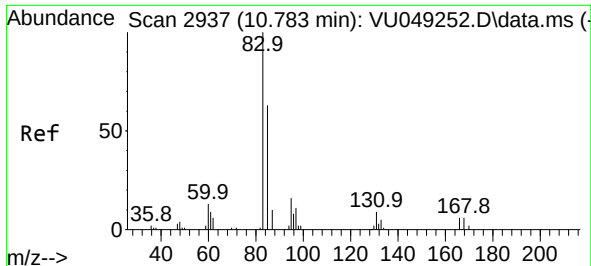
Tgt Ion:106 Resp: 71382
Ion Ratio Lower Upper
106 100
91 226.6 157.5 292.5



#55
Styrene
Concen: 4.940 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion:104 Resp: 118700
Ion Ratio Lower Upper
104 100
78 49.3 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.498 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MSD

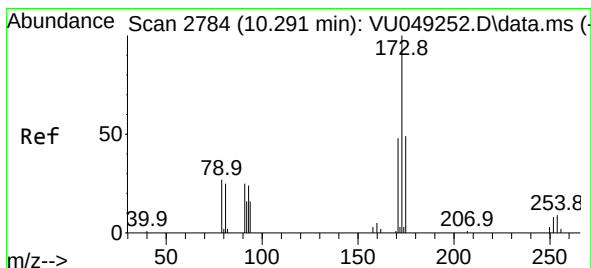
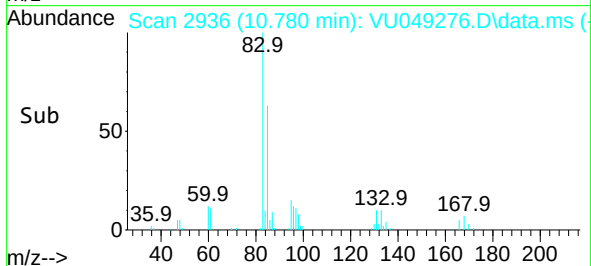
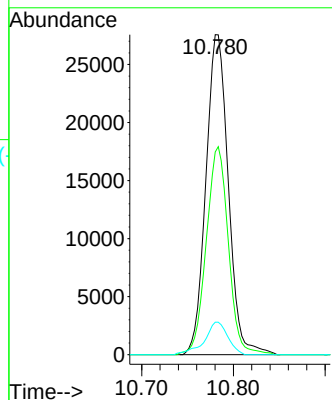
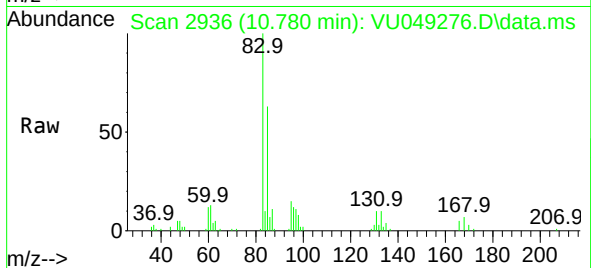
Tgt Ion: 83 Resp: 46854

Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4

131 10.2 7.1 10.7



#59

Bromoform

Concen: 4.977 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

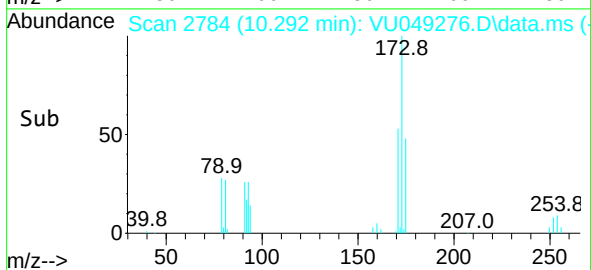
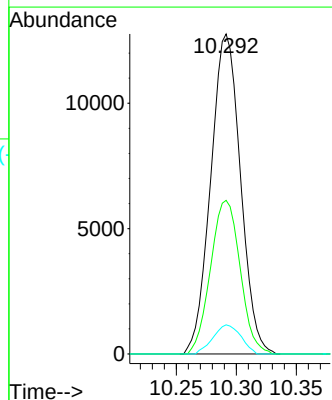
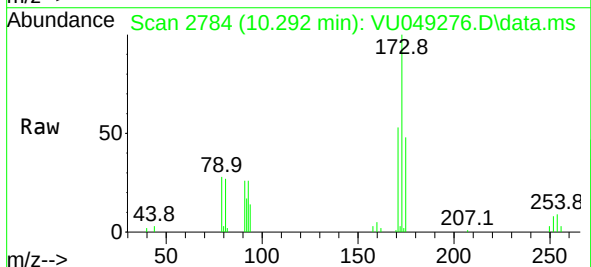
Tgt Ion:173 Resp: 22005

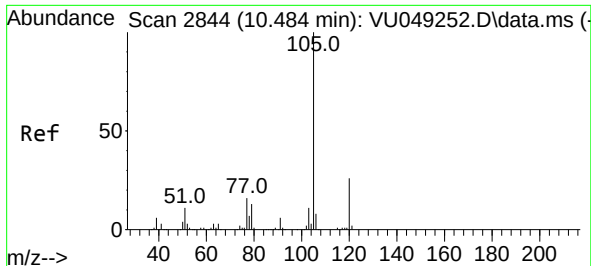
Ion Ratio Lower Upper

173 100

175 47.7 37.9 56.9

254 8.5 6.6 9.8

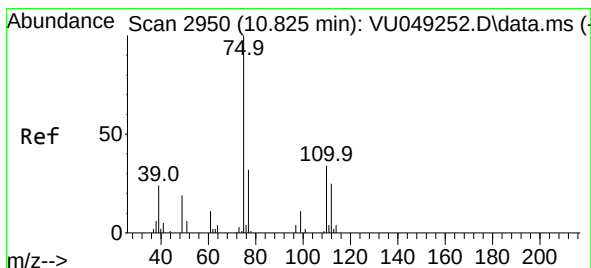
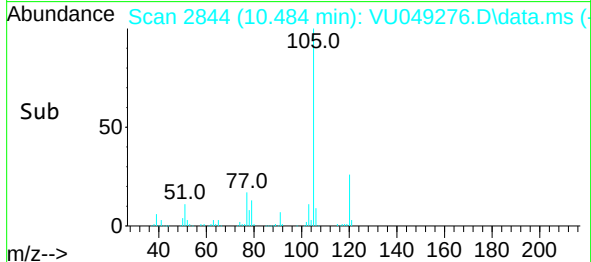
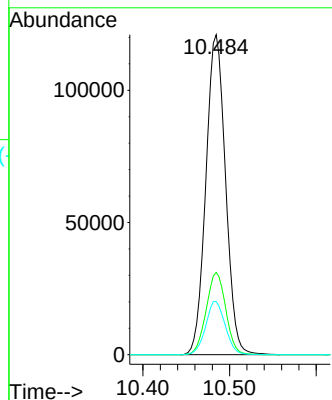
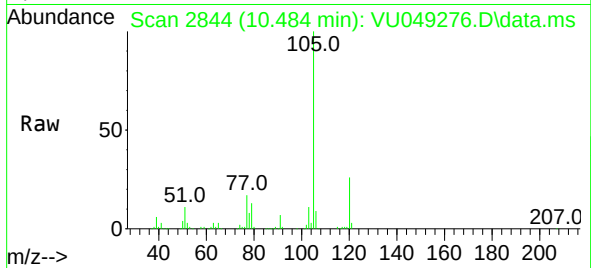




#60
Isopropylbenzene
Concen: 4.754 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

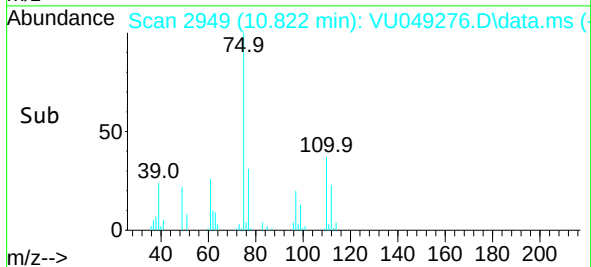
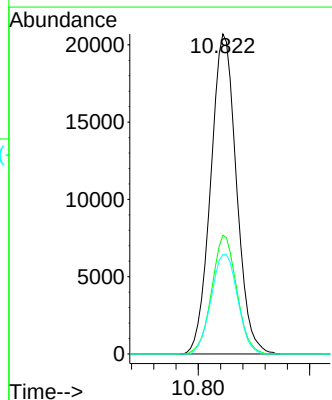
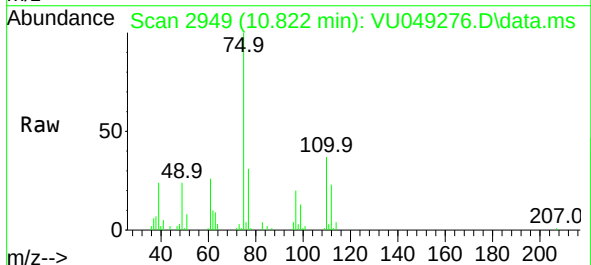
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

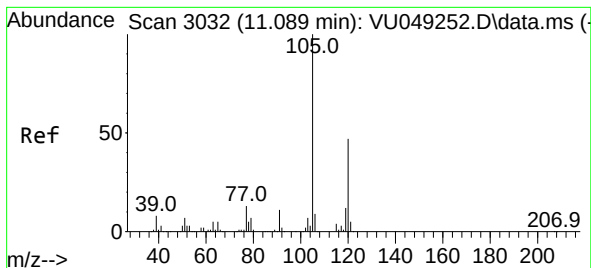
Tgt Ion:105 Resp: 190609
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.016 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion: 75 Resp: 33124
Ion Ratio Lower Upper
75 100
110 35.9 29.0 43.4
77 32.0 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.607 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

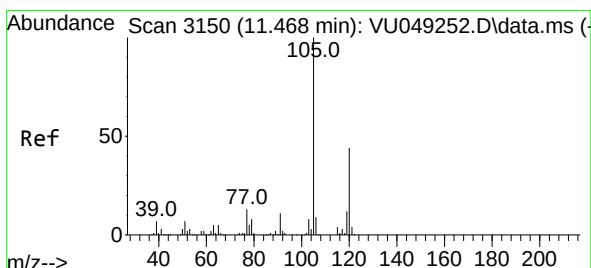
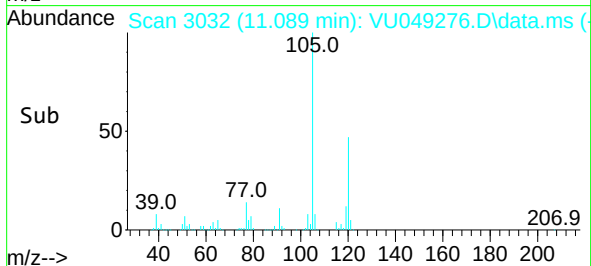
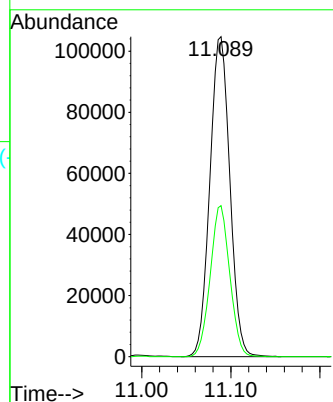
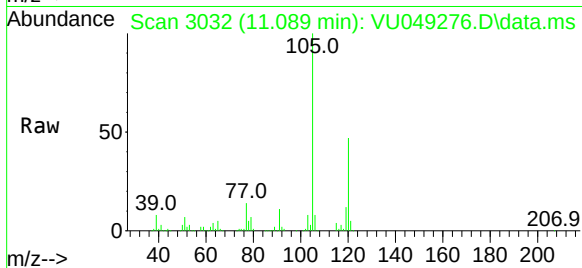
EW4Q7MSD

Tgt Ion:105 Resp: 163029

Ion Ratio Lower Upper

105 100

120 46.2 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 4.692 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049276.D

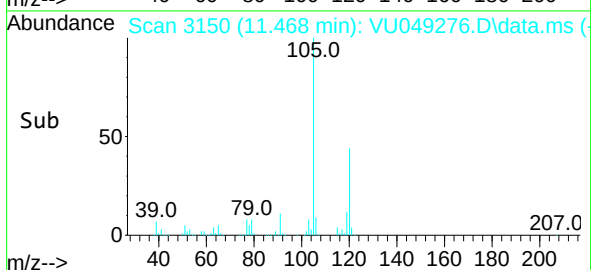
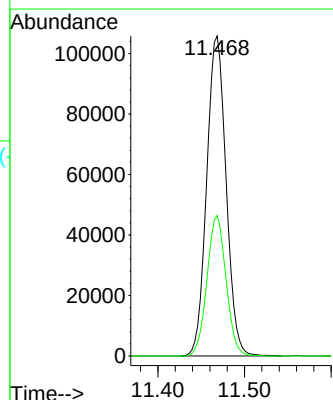
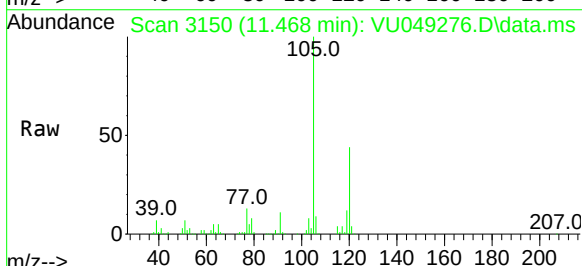
Acq: 18 Jun 2022 04:05

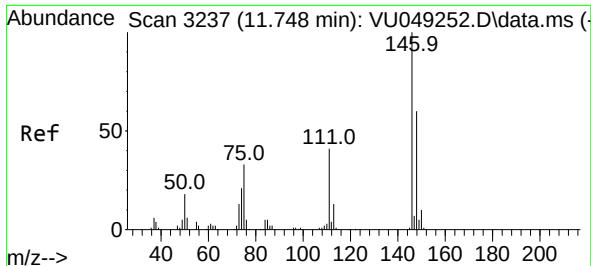
Tgt Ion:105 Resp: 164493

Ion Ratio Lower Upper

105 100

120 43.1 34.6 52.0

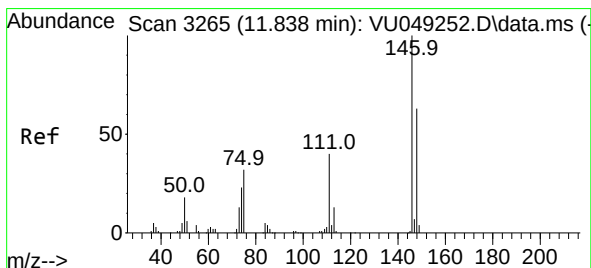
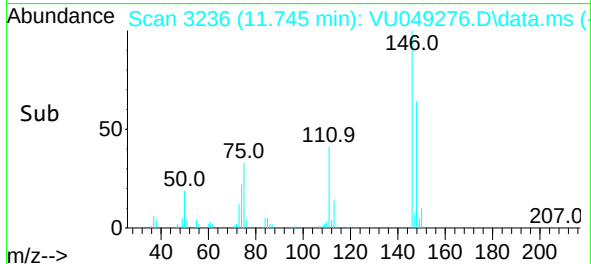
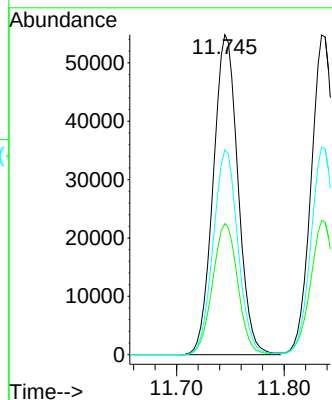
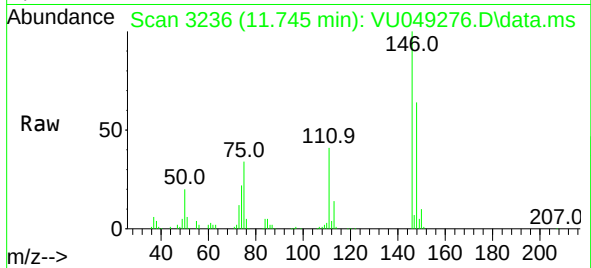




#64
1,3-Dichlorobenzene
Concen: 5.106 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

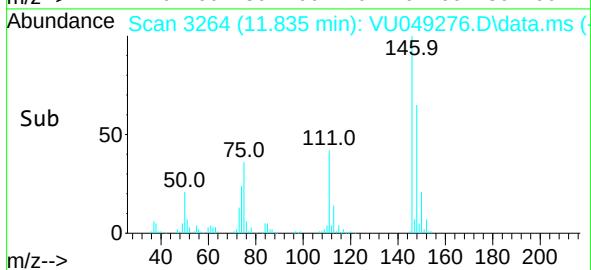
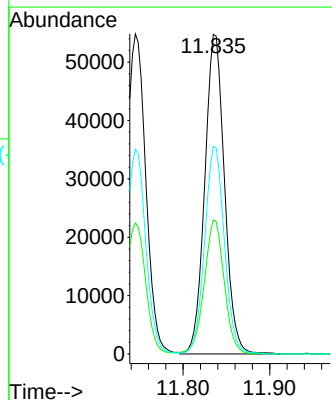
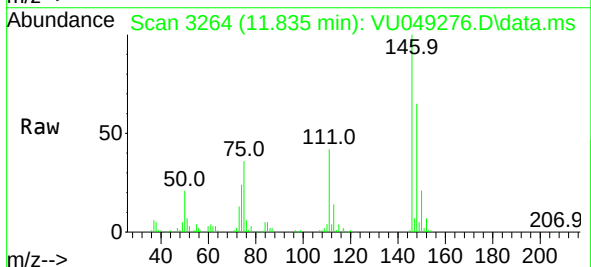
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

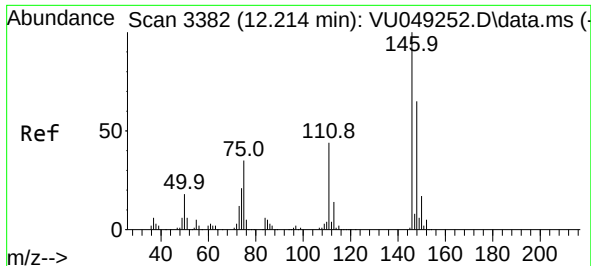
Tgt Ion:146 Resp: 87624
Ion Ratio Lower Upper
146 100
111 41.0 30.9 57.5
148 64.0 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 5.113 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion:146 Resp: 86711
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.4
148 64.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.140 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MSD

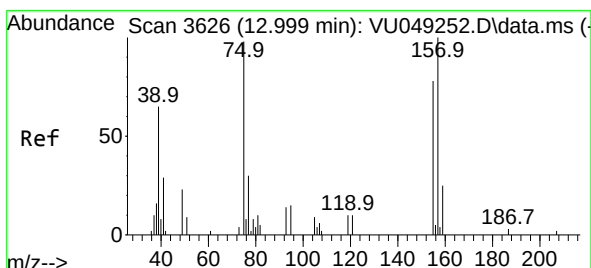
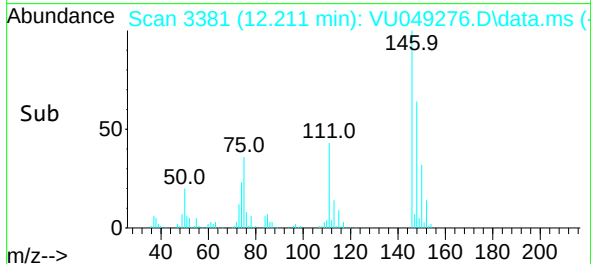
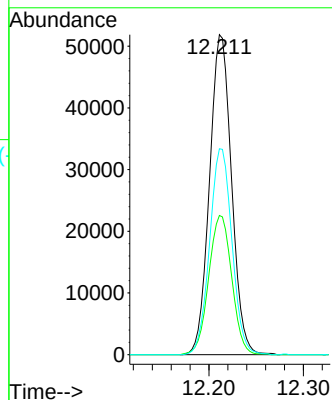
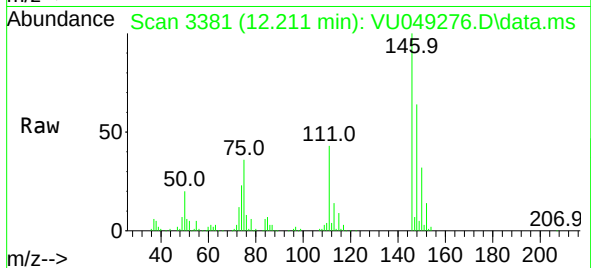
Tgt Ion:146 Resp: 83913

Ion Ratio Lower Upper

146 100

111 43.5 36.6 55.0

148 64.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.547 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049276.D

Acq: 18 Jun 2022 04:05

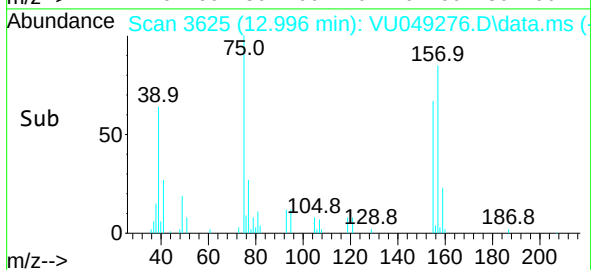
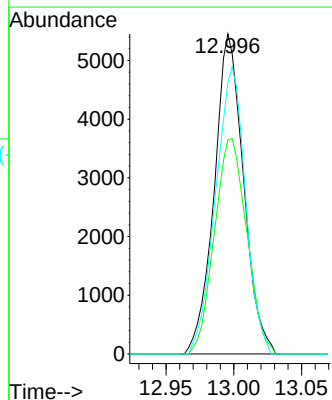
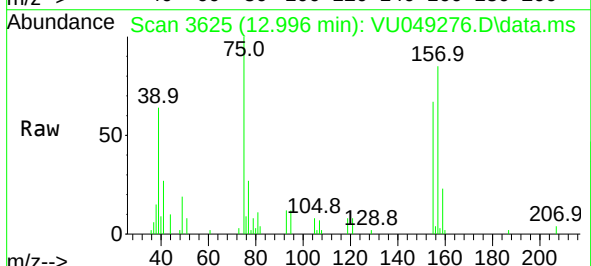
Tgt Ion: 75 Resp: 8184

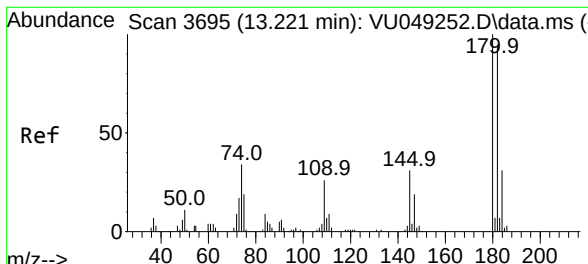
Ion Ratio Lower Upper

75 100

155 67.0 52.0 78.0

157 84.8 71.4 107.2

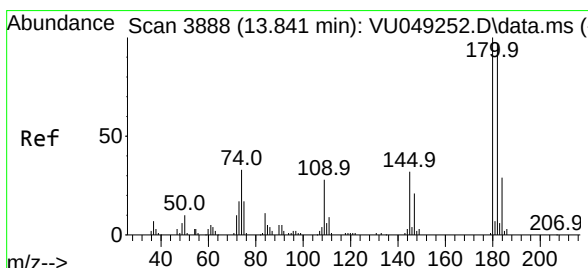
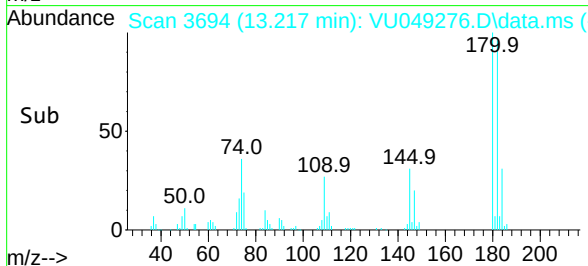
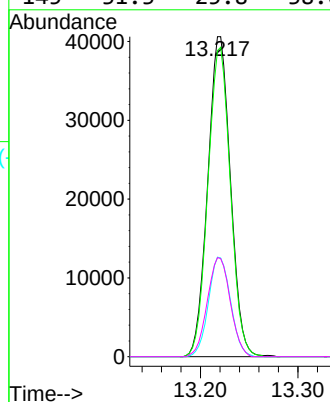
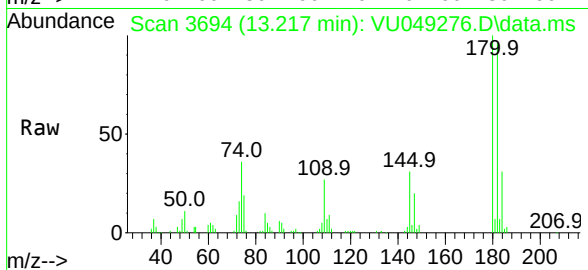




#69
 1,3,5-Trichlorobenzene
 Concen: 5.114 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

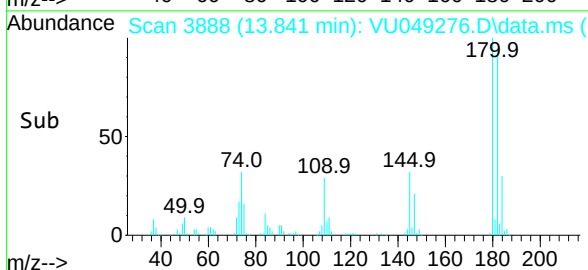
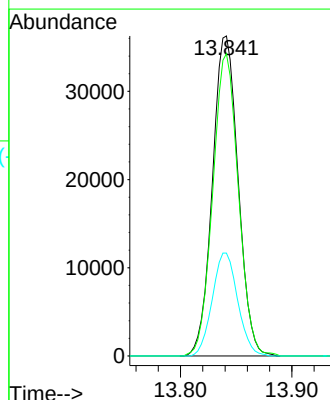
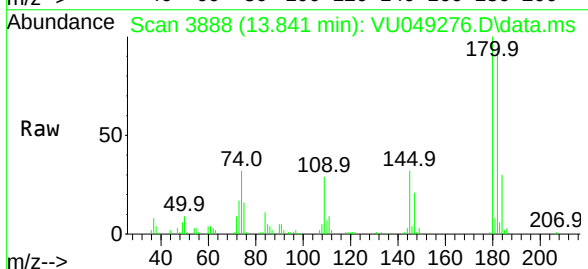
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MSD

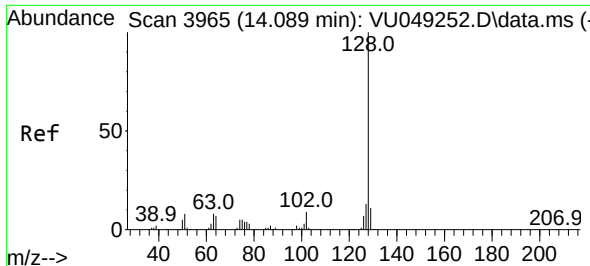
Tgt Ion:	180	Resp:	65808
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.0	112.4
184	30.2	23.2	34.8
145	31.3	25.8	38.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.675 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049276.D
 Acq: 18 Jun 2022 04:05

Tgt Ion:	180	Resp:	58046
Ion Ratio	Lower	Upper	
180	100		
182	94.1	74.6	112.0
145	31.9	26.1	39.1

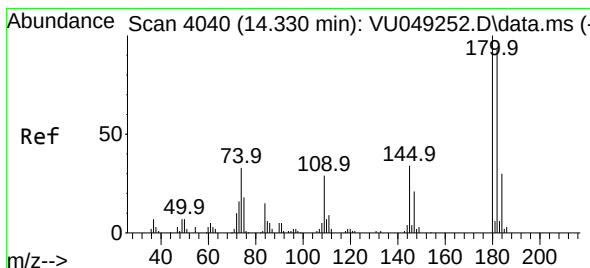
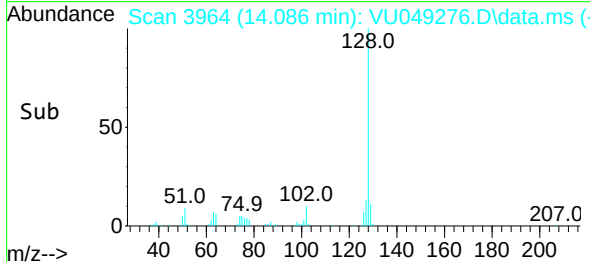
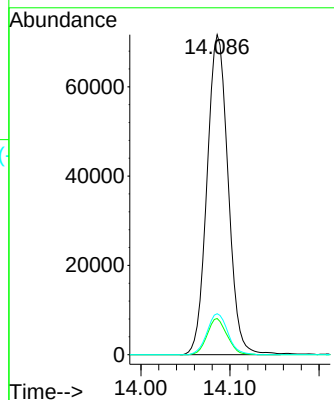
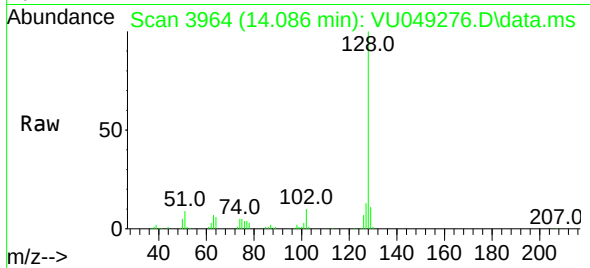




#71
Naphthalene
Concen: 5.783 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MSD

Tgt Ion:128 Resp: 117558
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.845 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049276.D
Acq: 18 Jun 2022 04:05

Tgt Ion:180 Resp: 56221
Ion Ratio Lower Upper
180 100
182 96.3 75.6 113.4
145 32.9 27.9 41.9

