

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049275.D
 Acq On : 18 Jun 2022 03:41
 Operator : SY/MD
 Sample : N3285-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MS

Quant Time: Jun 18 06:53:51 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	122743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	114458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39476	3.681	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.912	69	30621	4.217	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.568	65	15031	3.484	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	4.636	46	163905	57.236	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.480%	
24) Chloroform-d	5.063	84	77458	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.703	65	42396	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.729	84	140083	4.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.690	67	50198	4.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.899	98	119120	3.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.179	79	18355	3.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.600%	
46) 2-Hexanone-d5	8.632	63	119652	57.050	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46575	4.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	49387	4.393	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49364	4.711	ug/L	100
3) Chloromethane	1.520	50	59376	5.162	ug/L	99
5) Vinyl chloride	1.604	62	55108	5.340	ug/L #	1
6) Bromomethane	1.858	94	14197	2.500	ug/L	97
8) Chloroethane	1.935	64	29790	4.987	ug/L	88
9) Trichlorofluoromethane	2.138	101	64941	5.423	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	35323	4.982	ug/L	99
12) 1,1-Dichloroethene	2.581	96	34430	4.989	ug/L	90
13) Acetone	2.652	43	94461	66.648	ug/L	98
14) Carbon disulfide	2.793	76	114564	5.025	ug/L	100
15) Methyl Acetate	2.957	43	19133	5.048	ug/L	100
16) Methylene chloride	3.044	84	42143	4.641	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	108344	5.190	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	38513	5.037	ug/L	93
19) 1,1-Dichloroethane	3.871	63	81017	5.373	ug/L	98
21) 2-Butanone	4.716	43	164966	61.041	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	44979	5.259	ug/L	95
23) Bromochloromethane	4.977	128	19880	5.430	ug/L	99
25) Chloroform	5.089	83	79143	5.229	ug/L	99

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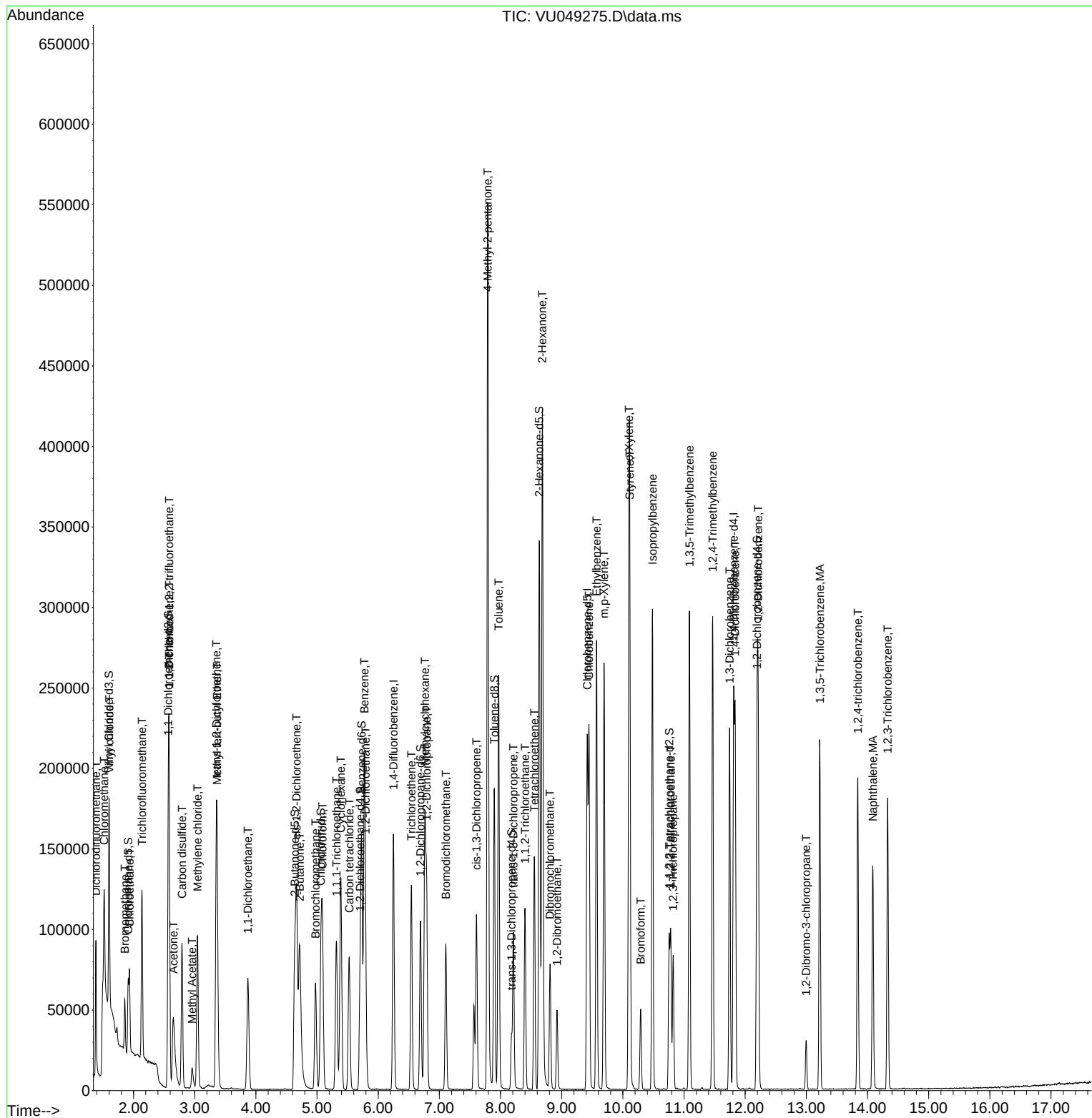
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	53607	5.378	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	66996	4.898	ug/L	99
30) Cyclohexane	5.388	56	68117	4.381	ug/L	98
31) Carbon tetrachloride	5.526	117	56575	4.940	ug/L	96
33) Benzene	5.774	78	177749	5.219	ug/L	100
34) Trichloroethene	6.543	95	43696	5.019	ug/L	98
35) Methylcyclohexane	6.764	83	62610	4.288	ug/L	99
37) 1,2-Dichloropropane	6.790	63	48007	5.130	ug/L	99
38) Bromodichloromethane	7.105	83	58642	5.127	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	62510	4.394	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	381534	54.876	ug/L	99
42) Toluene	7.970	91	181437	5.024	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	53283	4.313	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	34272	5.253	ug/L	97
47) Tetrachloroethene	8.552	164	30275	5.043	ug/L	97
48) 2-Hexanone	8.684	43	278558	56.132	ug/L	99
49) Dibromochloromethane	8.809	129	39115	5.255	ug/L	99
50) 1,2-Dibromoethane	8.925	107	32375	5.353	ug/L #	98
51) Chlorobenzene	9.446	112	112918	5.135	ug/L	99
52) Ethylbenzene	9.571	91	194341	4.927	ug/L	99
53) m,p-Xylene	9.694	106	73019	4.981	ug/L	99
54) o-Xylene	10.099	106	72331	4.977	ug/L	98
55) Styrene	10.115	104	117603	4.831	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	47617	5.515	ug/L	99
59) Bromoform	10.292	173	21232	4.825	ug/L	95
60) Isopropylbenzene	10.484	105	186004	4.661	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33576	5.108	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	159877	4.540	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160619	4.603	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	86190	5.047	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	83917	4.972	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	82973	5.106	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8080	4.511	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.221	180	62698	4.896	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	54602	5.364	ug/L	97
71) Naphthalene	14.086	128	110680	5.471	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52315	5.465	ug/L	99

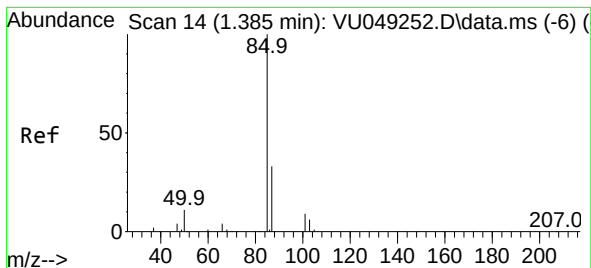
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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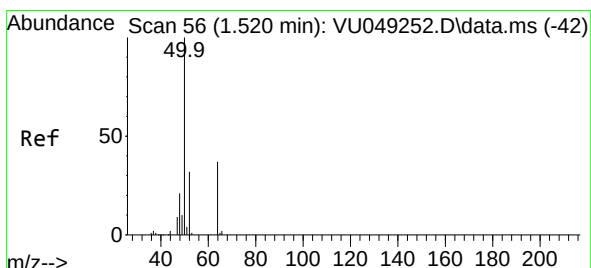
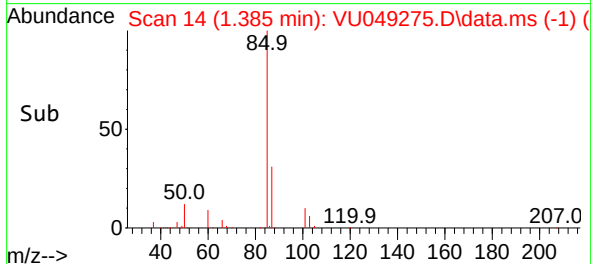
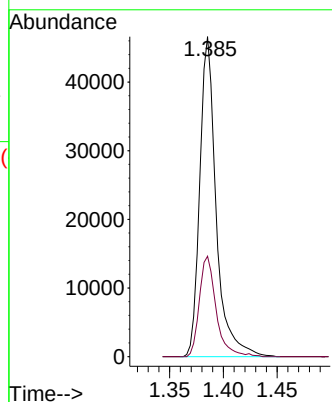
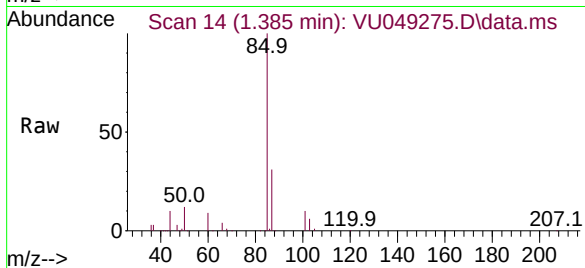




#2
Dichlorodifluoromethane
Concen: 4.711 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

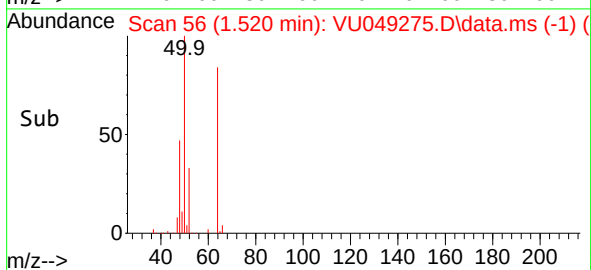
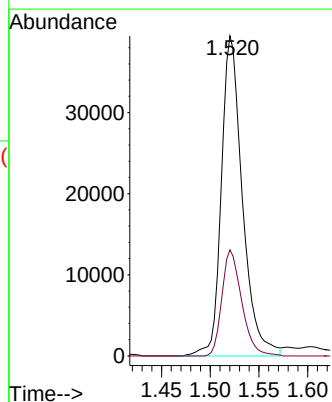
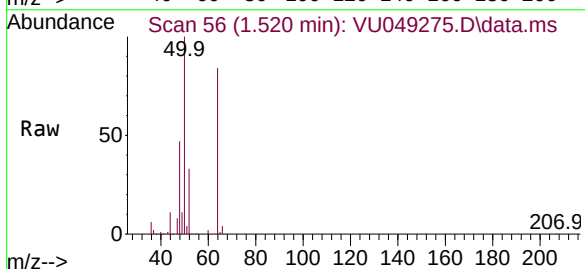
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MSVOA_U
ClientSampleId :
EW4Q7MS

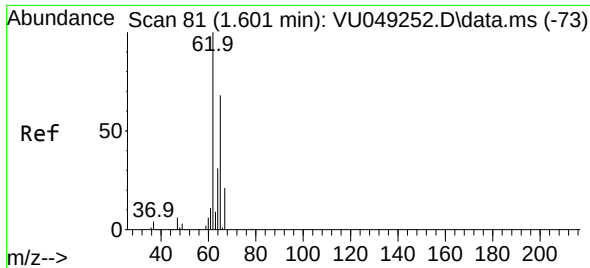
Tgt Ion: 85 Resp: 49364
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 5.162 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 50 Resp: 59376
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1

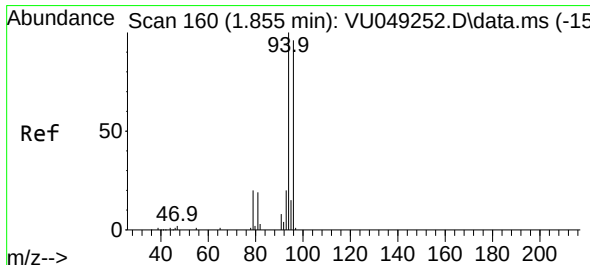
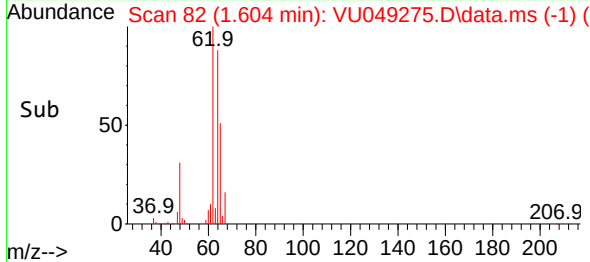
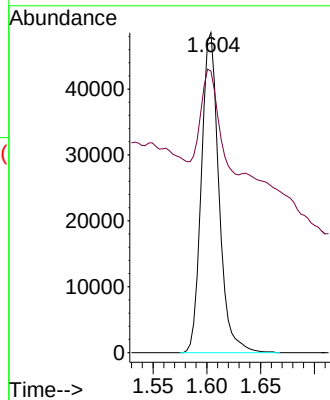
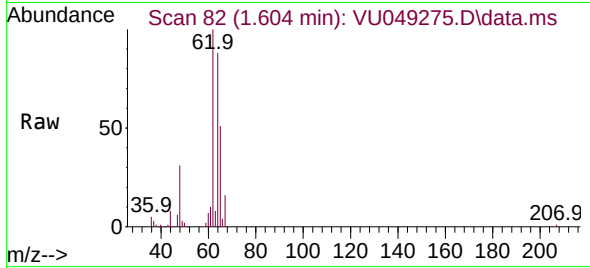




#5
 Vinyl chloride
 Concen: 5.340 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

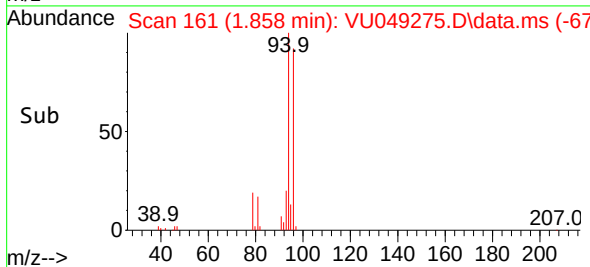
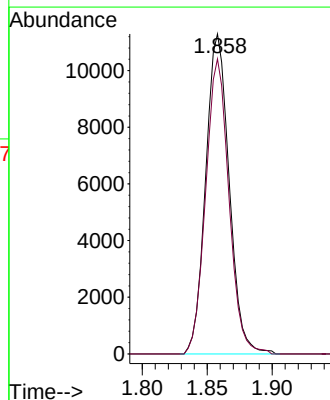
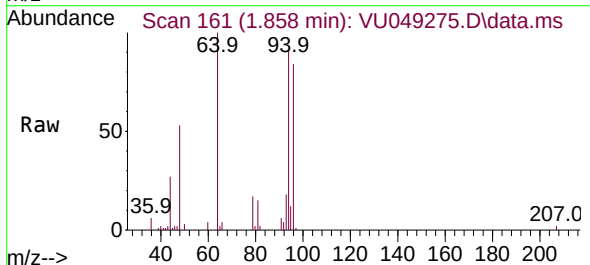
Instrument :
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 ClientSampleId :
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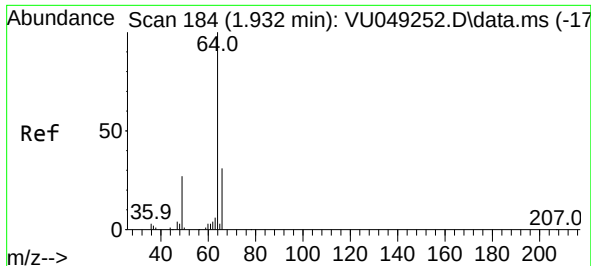
Tgt Ion: 62 Resp: 55108
 Ion Ratio Lower Upper
 62 100
 64 88.0 22.8 42.4#



#6
 Bromomethane
 Concen: 2.500 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

Tgt Ion: 94 Resp: 14197
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.4 123.4

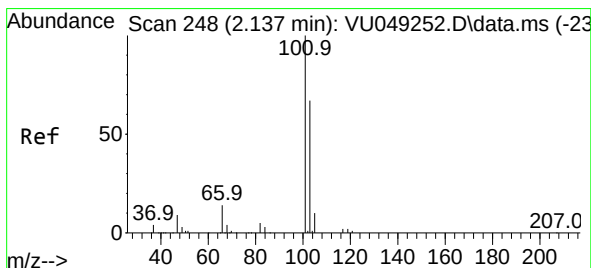
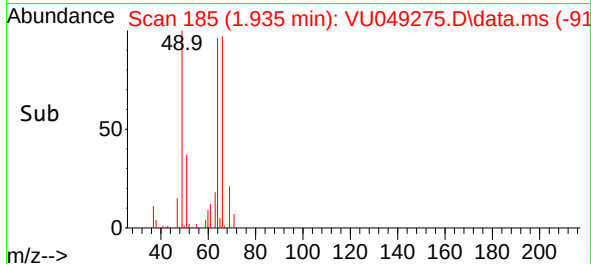
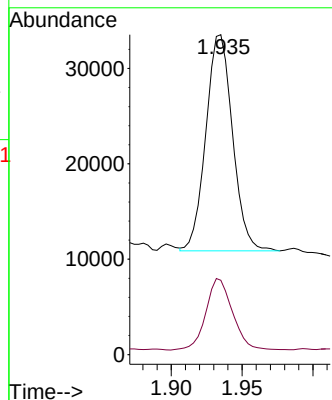
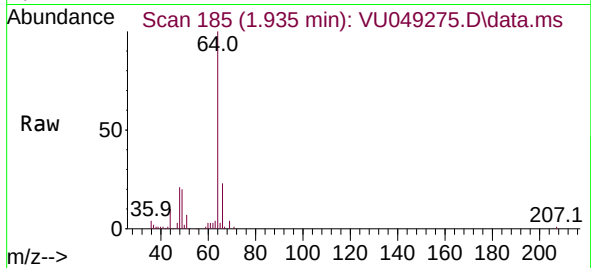




#8
Chloroethane
Concen: 4.987 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

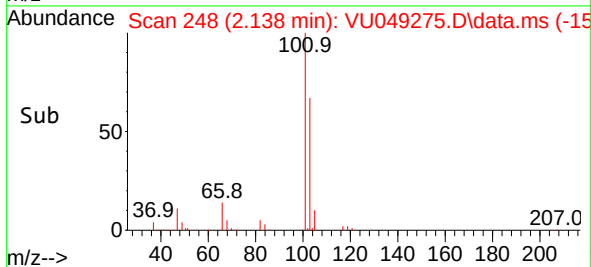
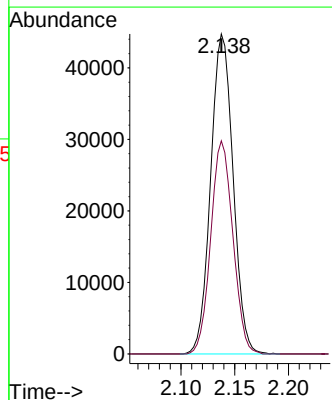
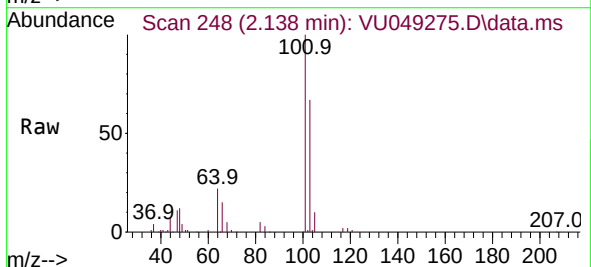
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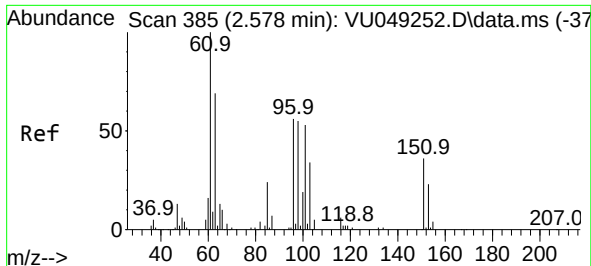
Tgt Ion: 64 Resp: 29790
Ion Ratio Lower Upper
64 100
66 23.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.423 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 101 Resp: 64941
Ion Ratio Lower Upper
101 100
103 65.6 53.5 80.3

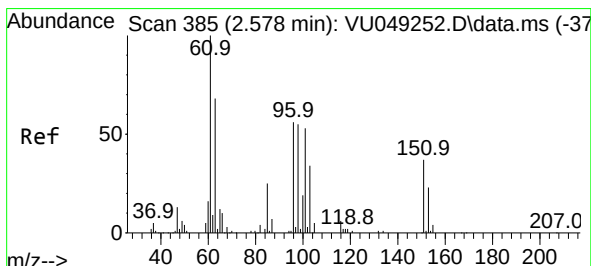
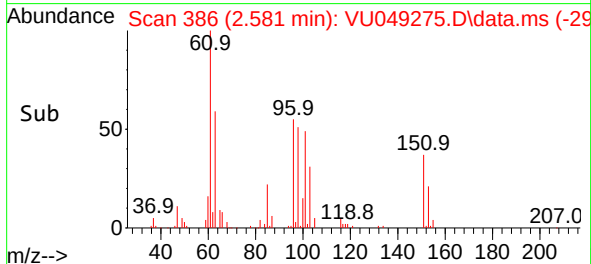
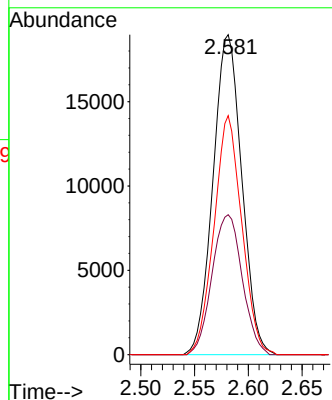
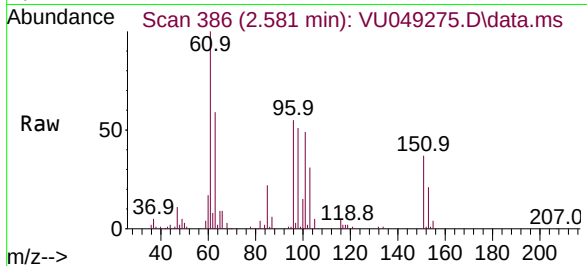




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.982 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

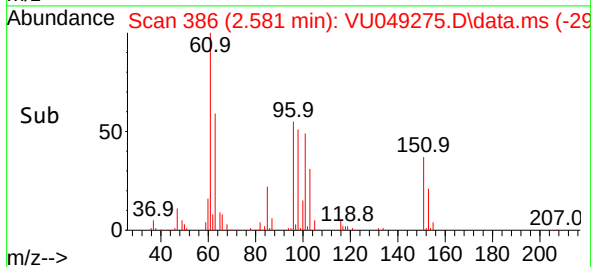
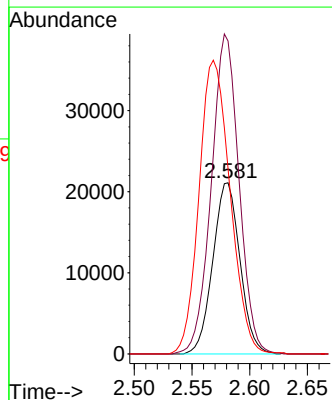
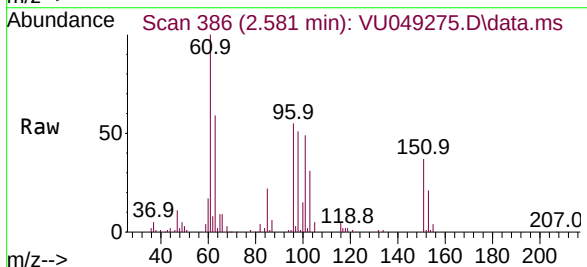
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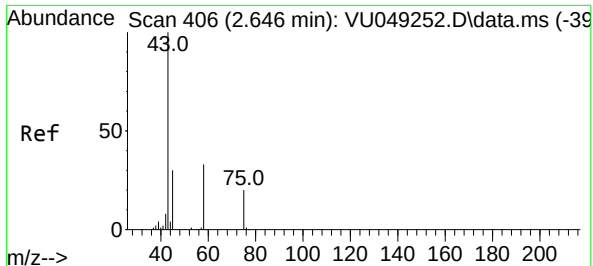
Tgt Ion: 101 Resp: 35323
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.1 54.1
 151 72.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.989 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

Tgt Ion: 96 Resp: 34430
 Ion Ratio Lower Upper
 96 100
 61 182.9 127.2 236.2
 63 108.3 94.7 175.9





#13

Acetone

Concen: 66.648 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.006 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

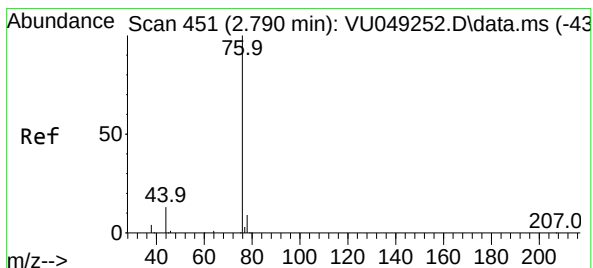
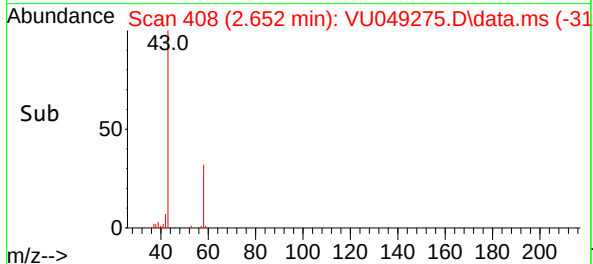
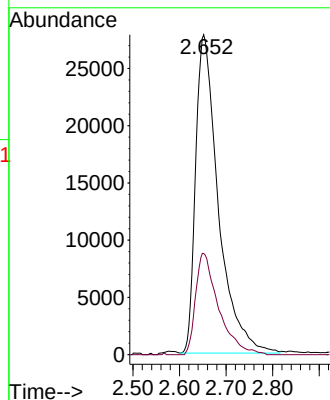
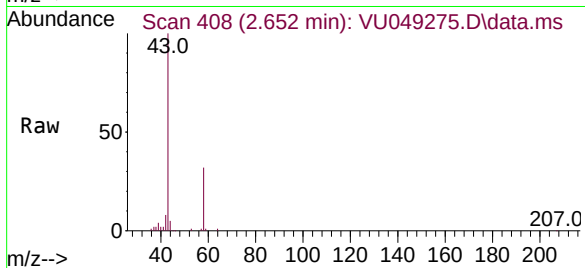
EW4Q7MS

Tgt Ion: 43 Resp: 94461

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.8



#14

Carbon disulfide

Concen: 5.025 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049275.D

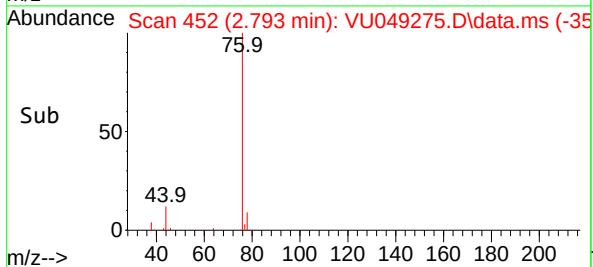
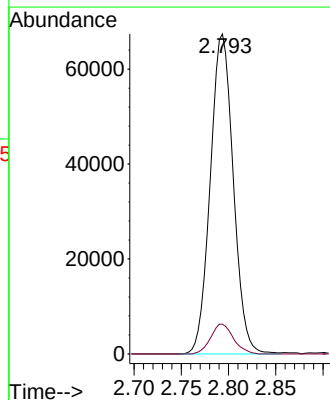
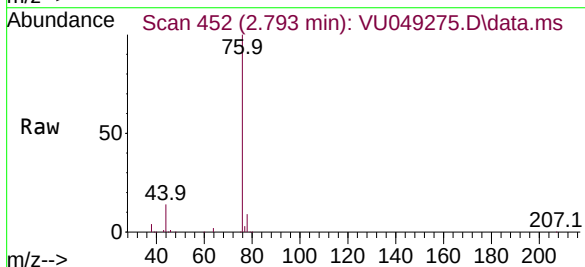
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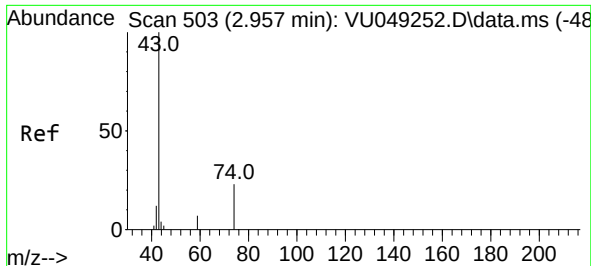
Tgt Ion: 76 Resp: 114564

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

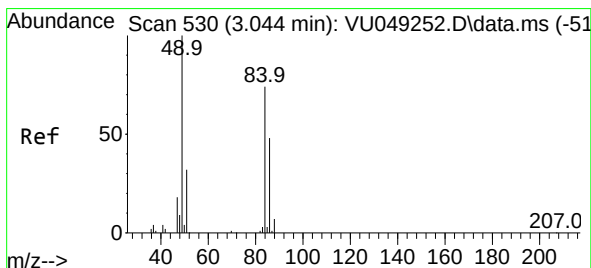
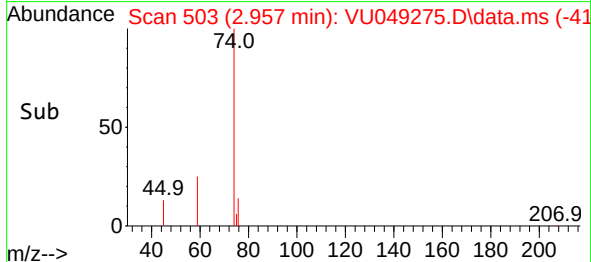
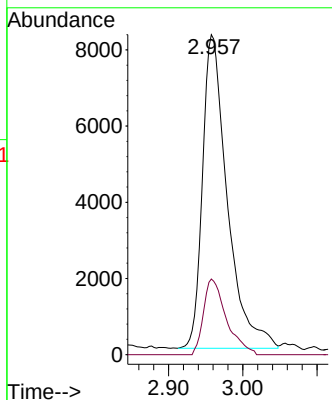
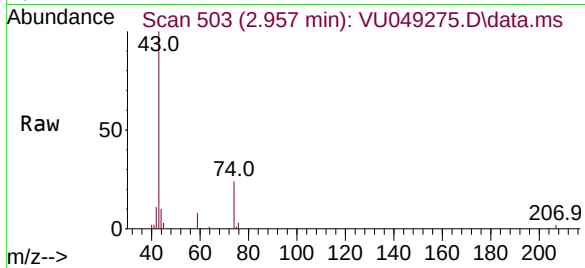




#15
Methyl Acetate
Concen: 5.048 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

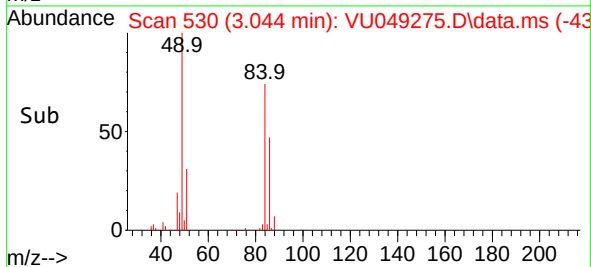
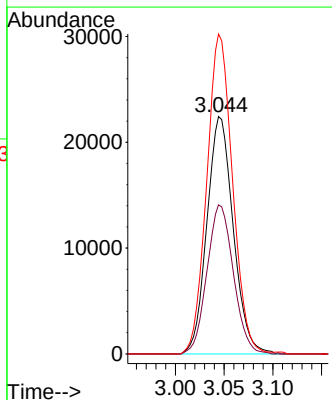
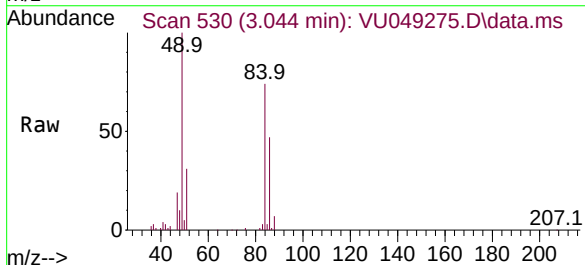
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

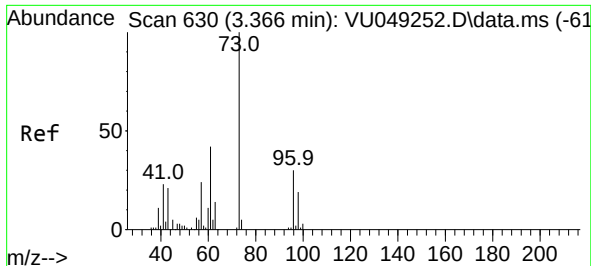
Tgt Ion: 43 Resp: 19133
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4



#16
Methylene chloride
Concen: 4.641 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 84 Resp: 42143
Ion Ratio Lower Upper
84 100
86 62.8 43.6 81.0
49 134.8 90.2 167.6

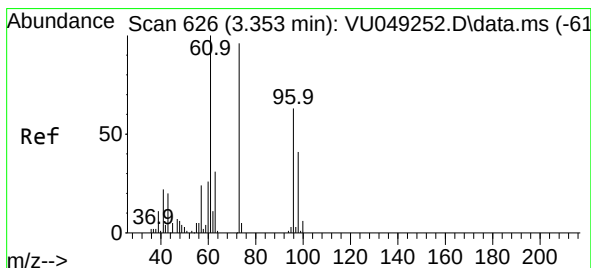
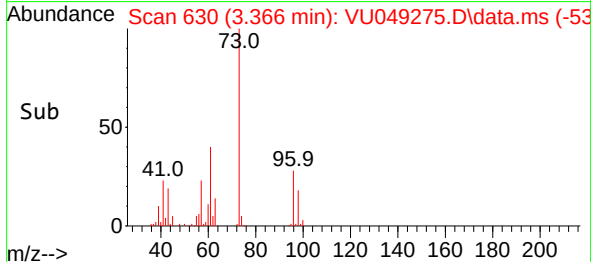
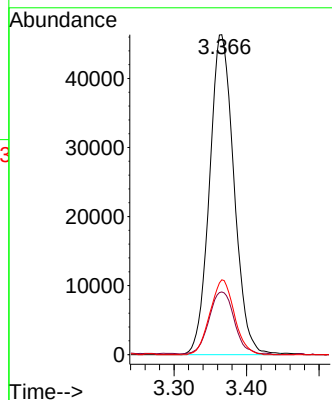
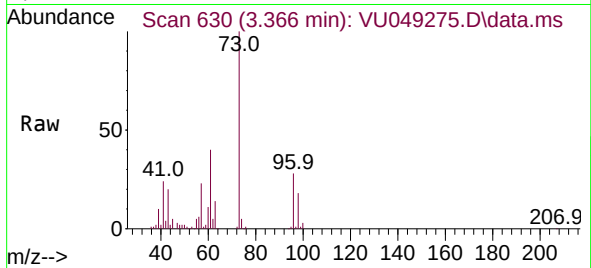




#17
Methyl tert-butyl Ether
Concen: 5.190 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

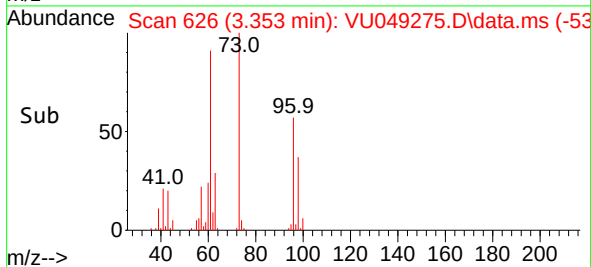
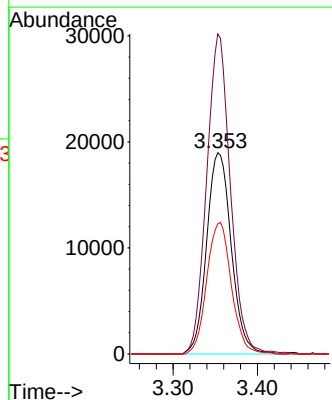
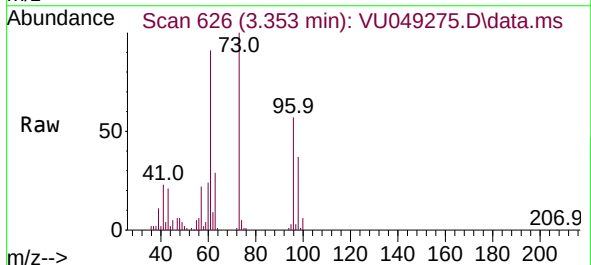
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

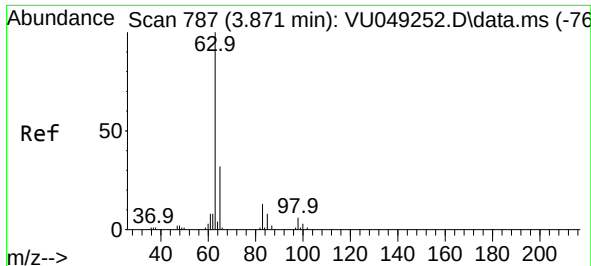
Tgt Ion: 73 Resp: 108344
Ion Ratio Lower Upper
73 100
43 19.8 16.5 24.7
57 23.2 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.037 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 96 Resp: 38513
Ion Ratio Lower Upper
96 100
61 159.0 103.3 191.9
98 64.6 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.373 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MS

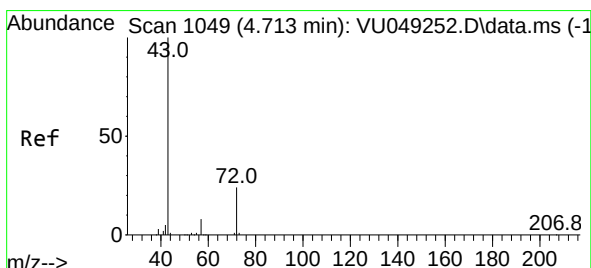
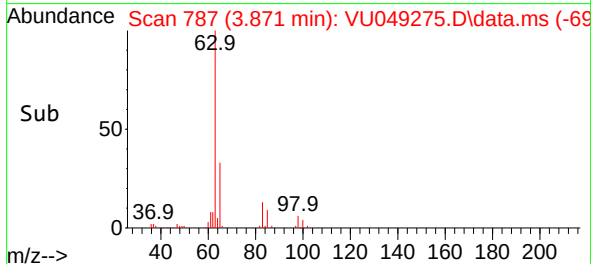
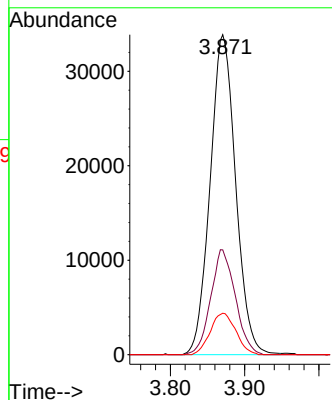
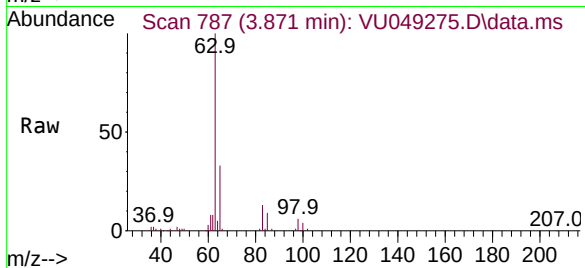
Tgt Ion: 63 Resp: 81017

Ion Ratio Lower Upper

63 100

65 32.7 24.0 44.6

83 12.9 9.1 16.9



#21

2-Butanone

Concen: 61.041 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU049275.D

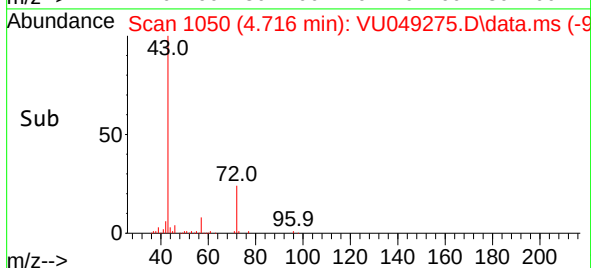
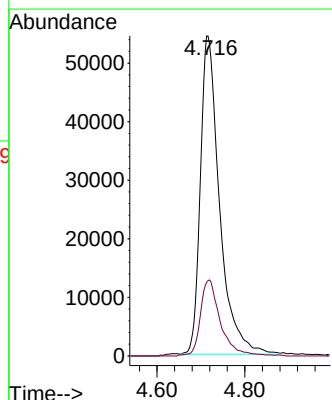
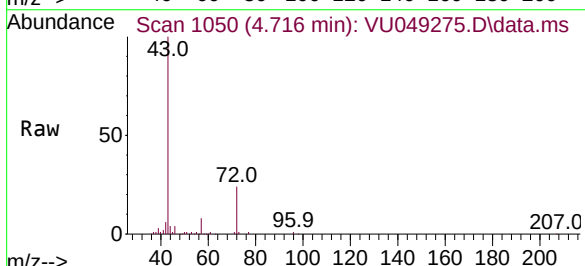
Acq: 18 Jun 2022 03:41

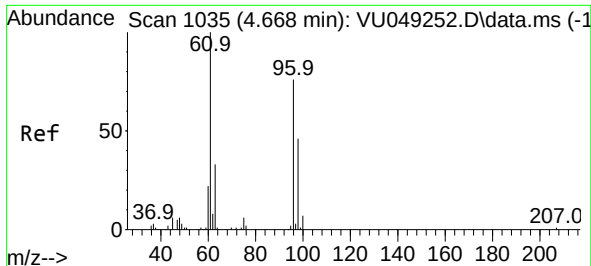
Tgt Ion: 43 Resp: 164966

Ion Ratio Lower Upper

43 100

72 24.7 12.2 36.6

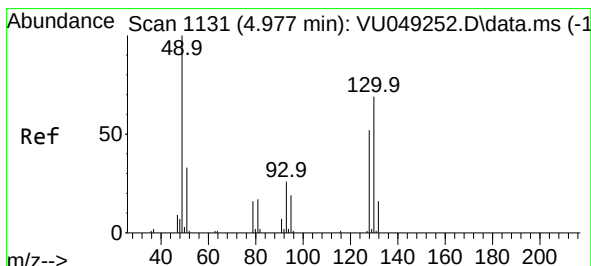
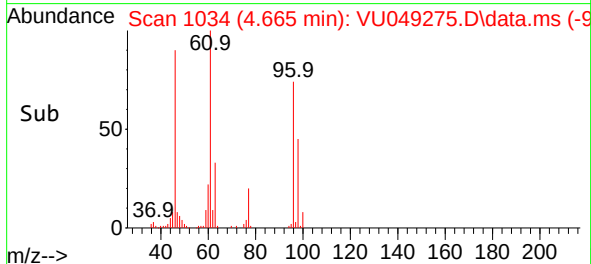
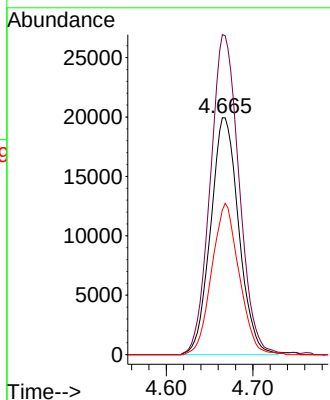
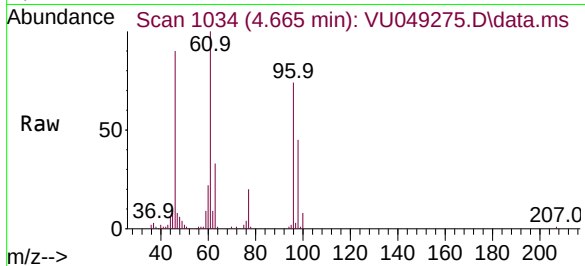




#22
 cis-1,2-Dichloroethene
 Concen: 5.259 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

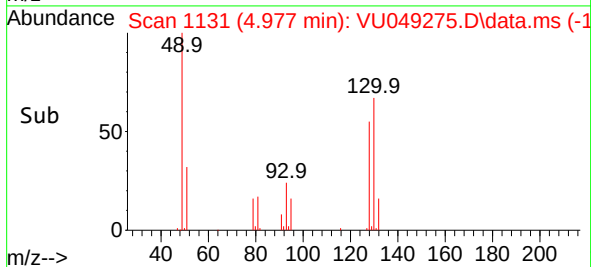
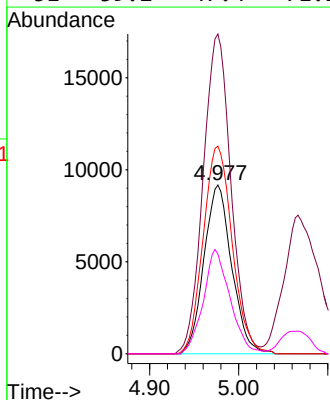
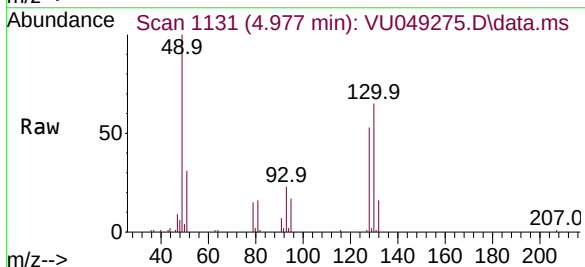
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MS

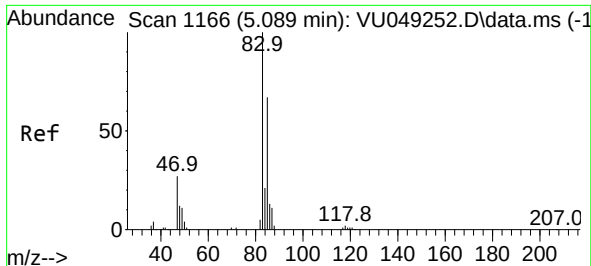
Tgt Ion: 96 Resp: 44979
 Ion Ratio Lower Upper
 96 100
 61 135.1 99.5 184.9
 98 61.0 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.430 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

Tgt Ion:128 Resp: 19880
 Ion Ratio Lower Upper
 128 100
 49 189.5 131.6 244.4
 130 123.0 86.9 161.5
 51 59.2 47.4 71.2

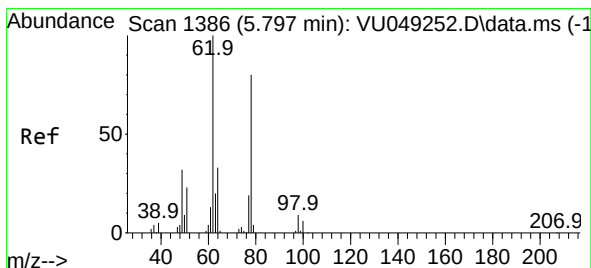
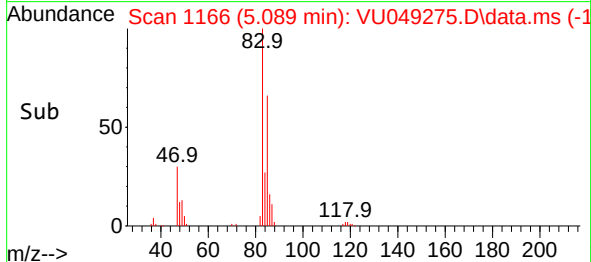
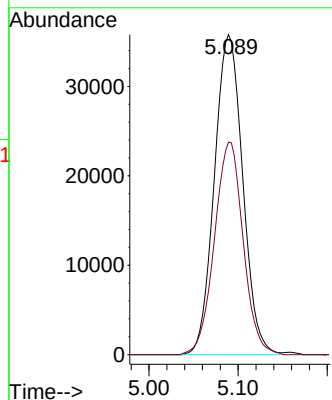
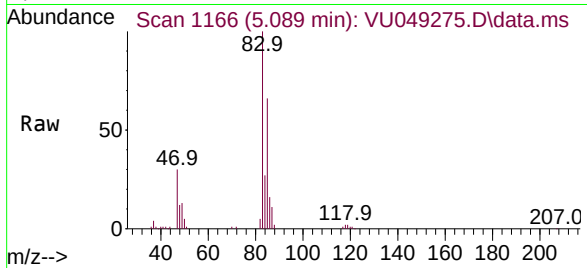




#25
Chloroform
Concen: 5.229 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

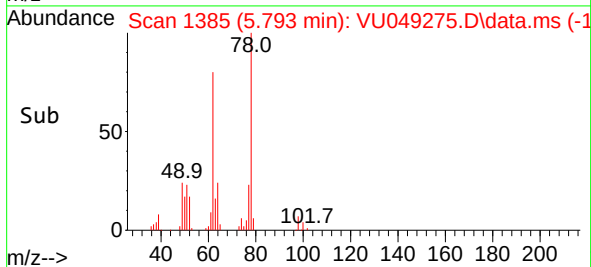
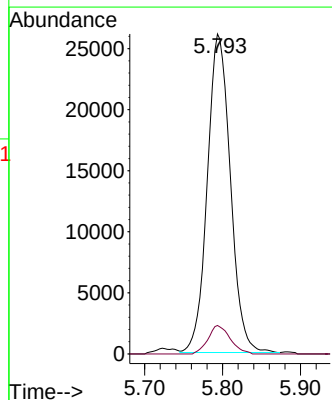
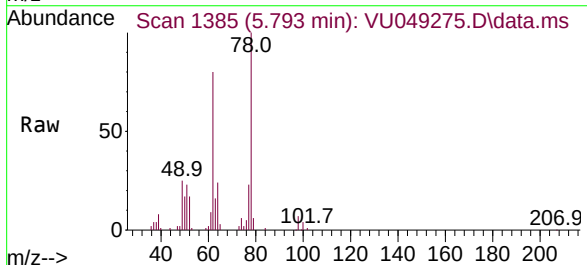
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

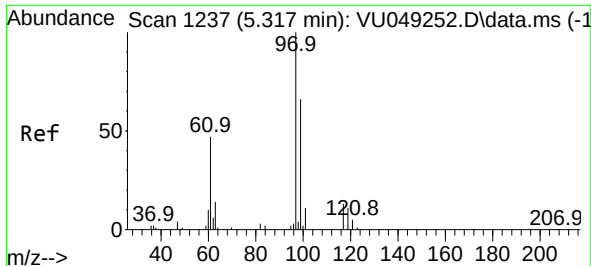
Tgt Ion: 83 Resp: 79143
Ion Ratio Lower Upper
83 100
85 66.4 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.378 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 62 Resp: 53607
Ion Ratio Lower Upper
62 100
98 8.9 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.898 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MS

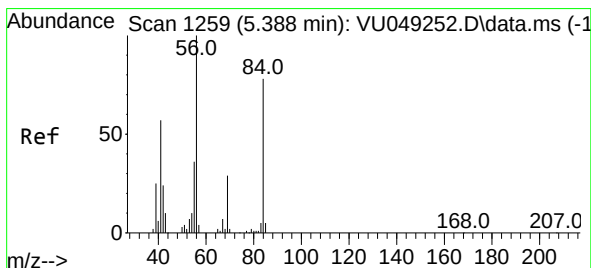
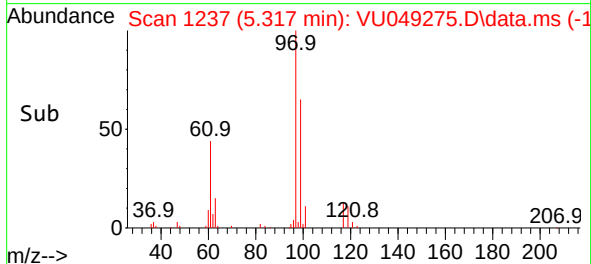
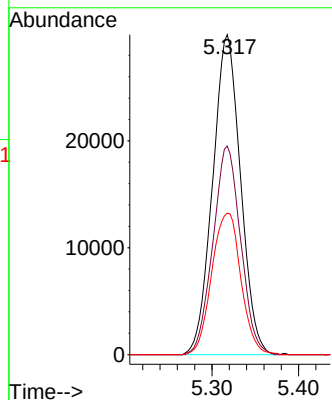
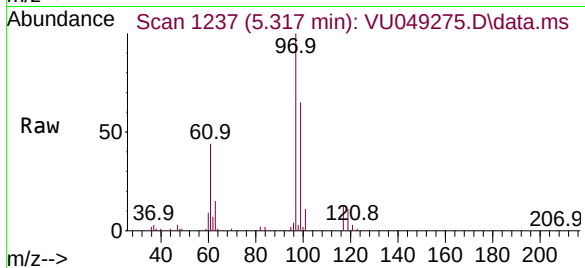
Tgt Ion: 97 Resp: 66996

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 46.2 36.2 54.4



#30

Cyclohexane

Concen: 4.381 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

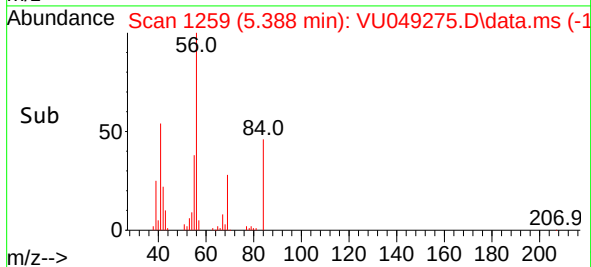
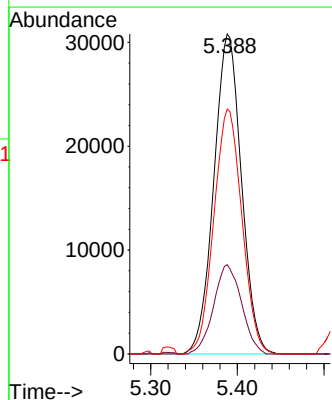
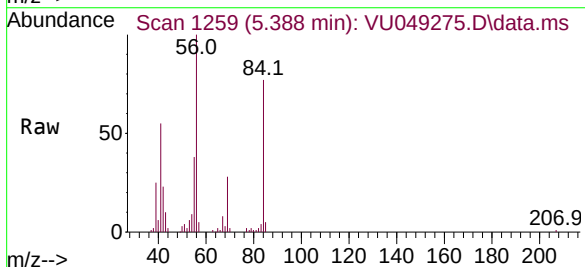
Tgt Ion: 56 Resp: 68117

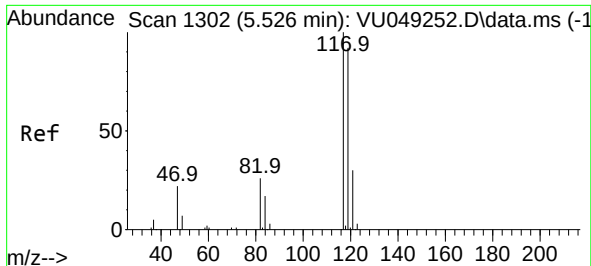
Ion Ratio Lower Upper

56 100

69 28.2 23.8 35.6

84 77.9 61.2 91.8

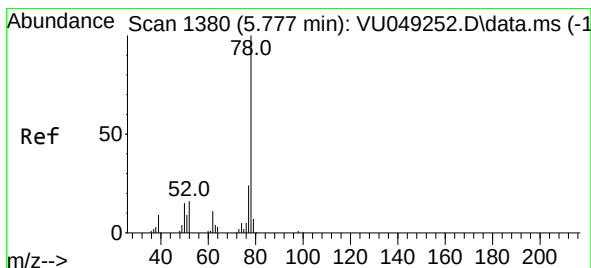
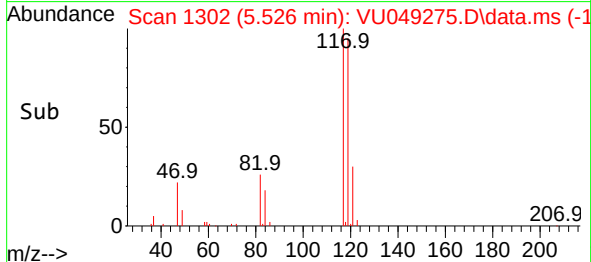
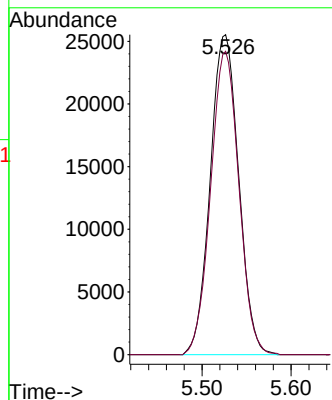
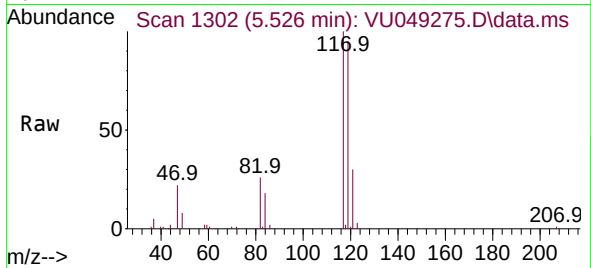




#31
Carbon tetrachloride
Concen: 4.940 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

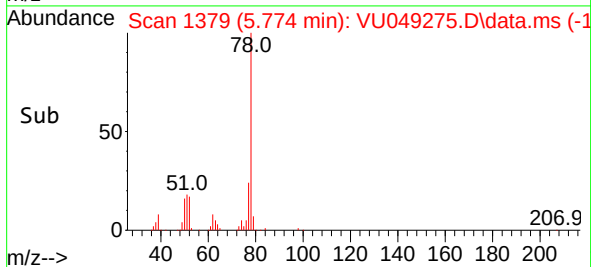
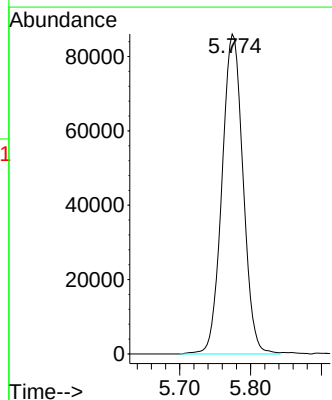
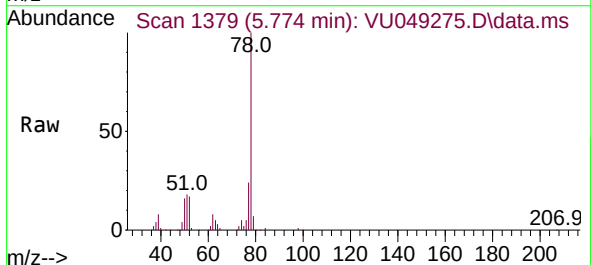
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

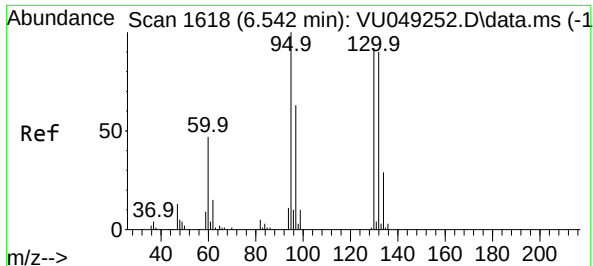
Tgt Ion:117 Resp: 56575
Ion Ratio Lower Upper
117 100
119 94.1 78.3 117.5



#33
Benzene
Concen: 5.219 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 78 Resp: 177749





#34

Trichloroethene

Concen: 5.019 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MS

Tgt Ion: 95 Resp: 43696

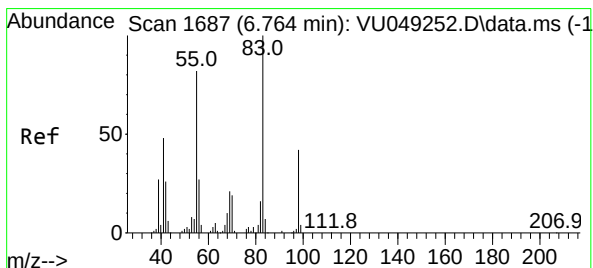
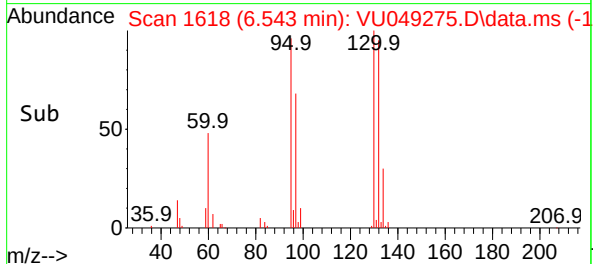
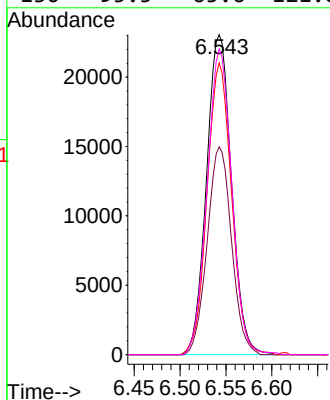
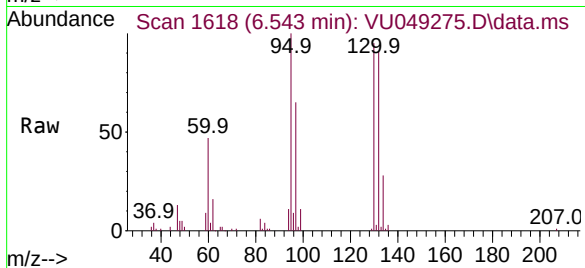
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 91.1 61.5 114.3

130 95.5 65.6 121.8



#35

Methylcyclohexane

Concen: 4.288 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

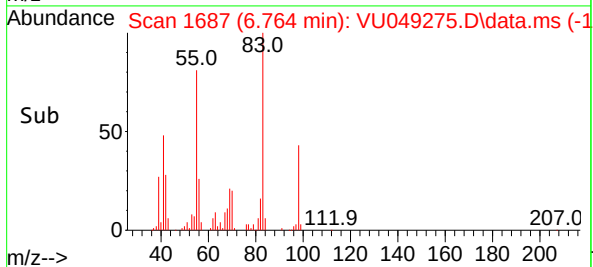
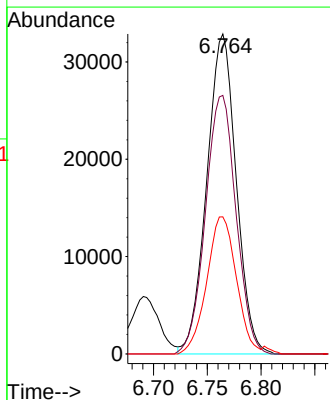
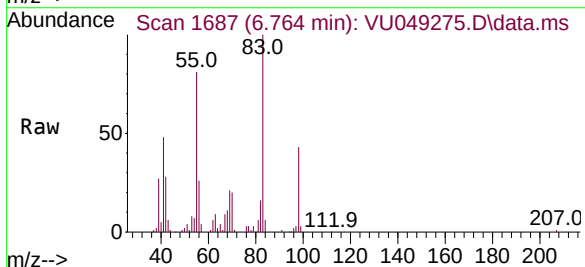
Tgt Ion: 83 Resp: 62610

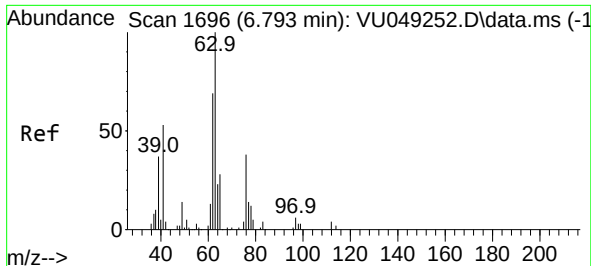
Ion Ratio Lower Upper

83 100

55 83.9 66.9 100.3

98 43.1 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.130 ug/L

RT: 6.790 min Scan# 1696

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

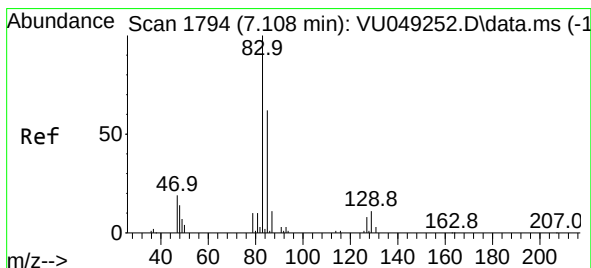
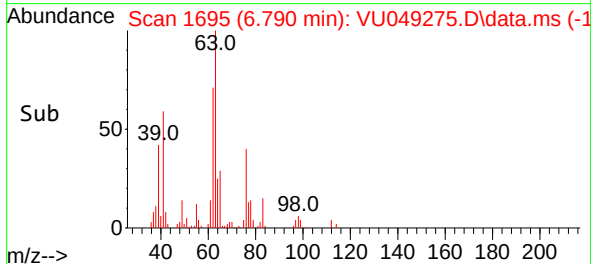
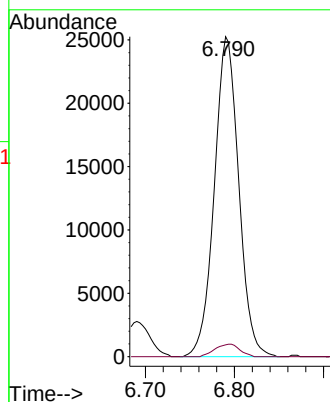
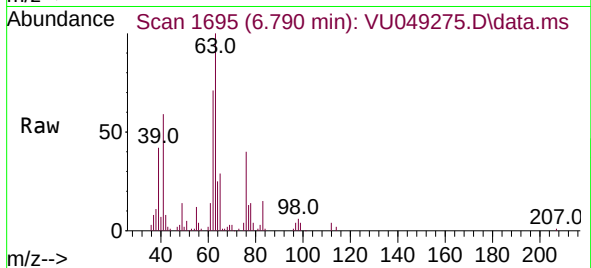
EW4Q7MS

Tgt Ion: 63 Resp: 48007

Ion Ratio Lower Upper

63 100

112 3.9 2.8 4.2



#38

Bromodichloromethane

Concen: 5.127 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

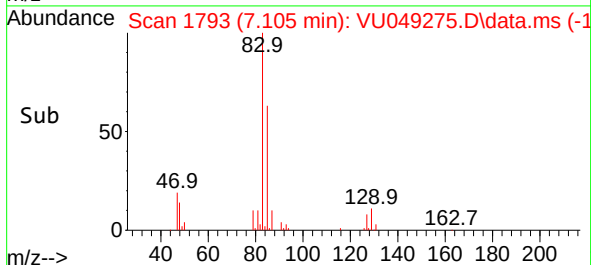
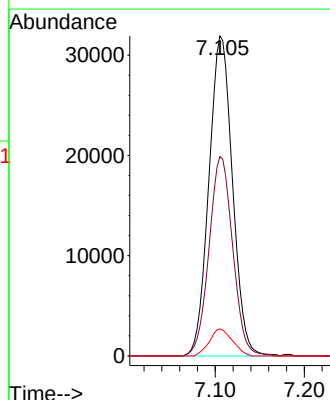
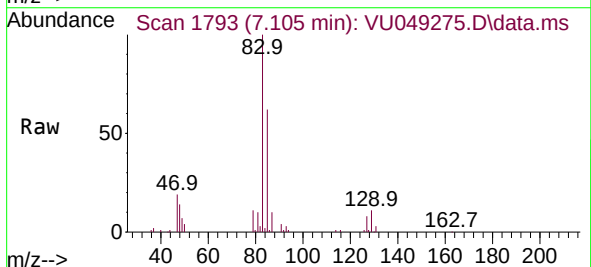
Tgt Ion: 83 Resp: 58642

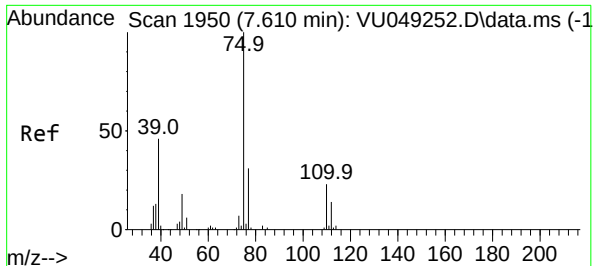
Ion Ratio Lower Upper

83 100

85 62.3 45.5 84.5

127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.394 ug/L

RT: 7.607 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

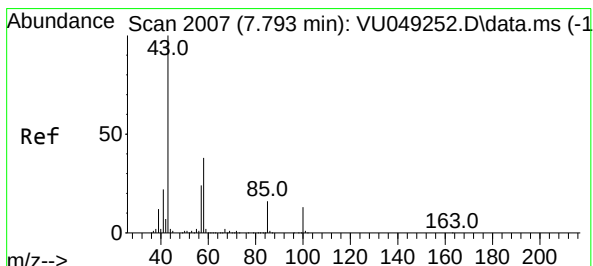
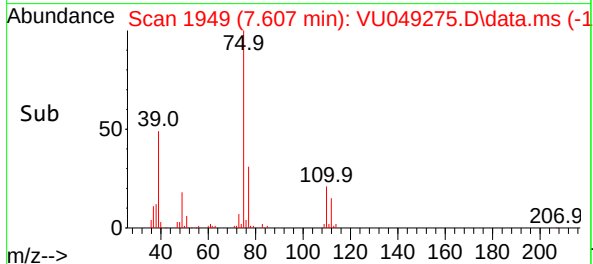
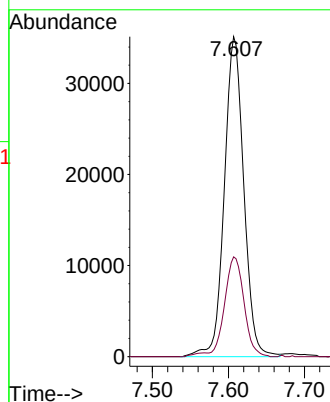
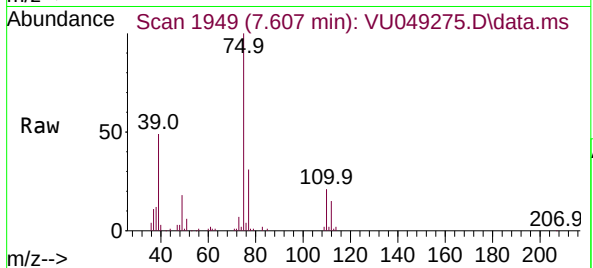
EW4Q7MS

Tgt Ion: 75 Resp: 62510

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 54.876 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

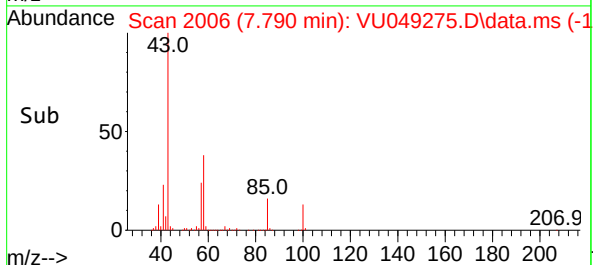
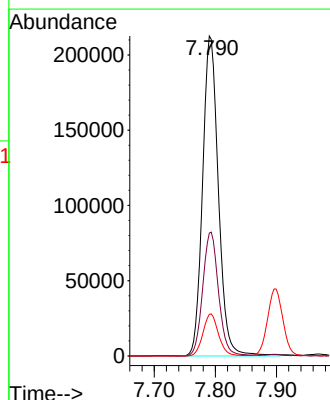
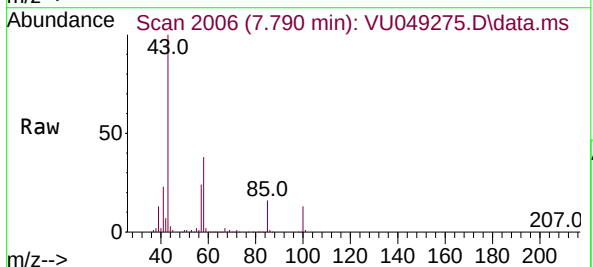
Tgt Ion: 43 Resp: 381534

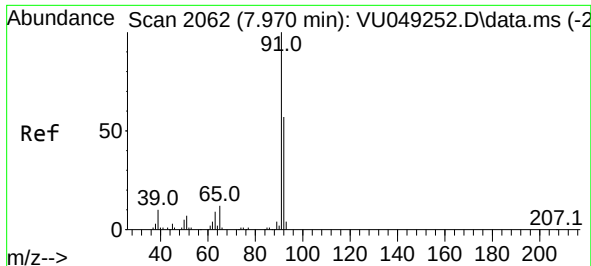
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 12.9 10.5 15.7





#42

Toluene

Concen: 5.024 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

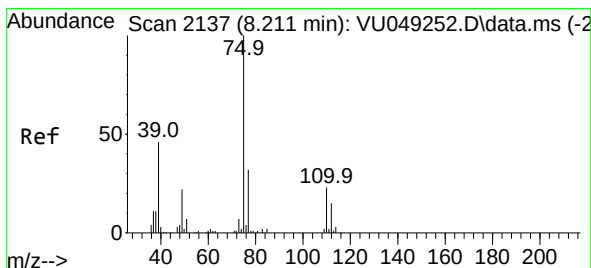
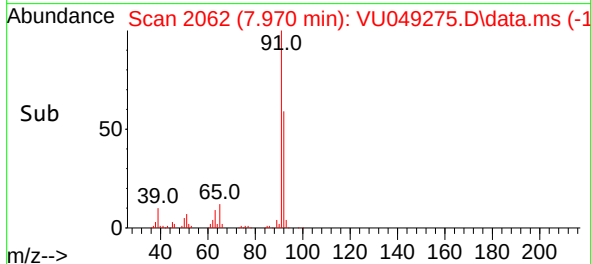
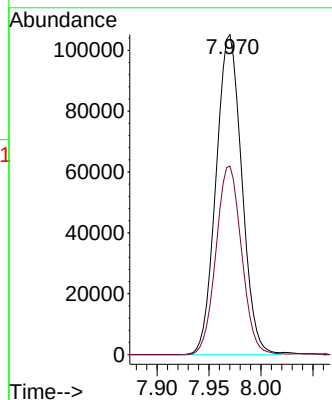
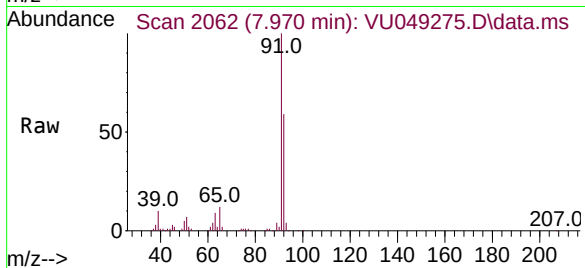
EW4Q7MS

Tgt Ion: 91 Resp: 181437

Ion Ratio Lower Upper

91 100

92 58.9 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 4.313 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049275.D

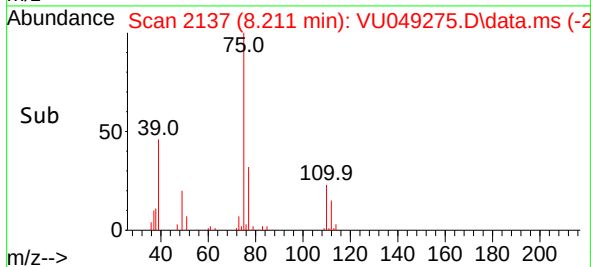
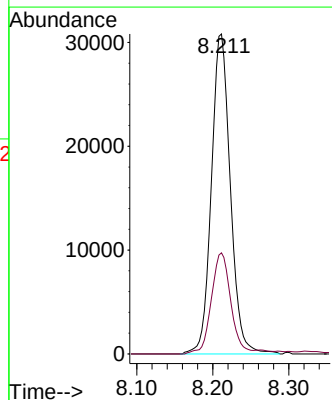
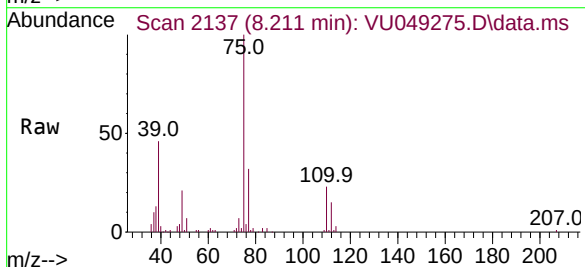
Acq: 18 Jun 2022 03:41

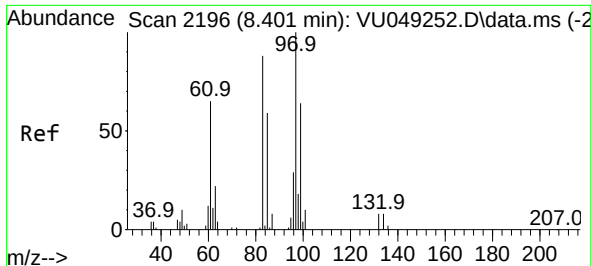
Tgt Ion: 75 Resp: 53283

Ion Ratio Lower Upper

75 100

77 31.6 21.1 39.3

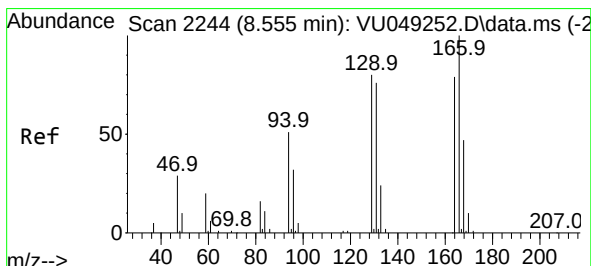
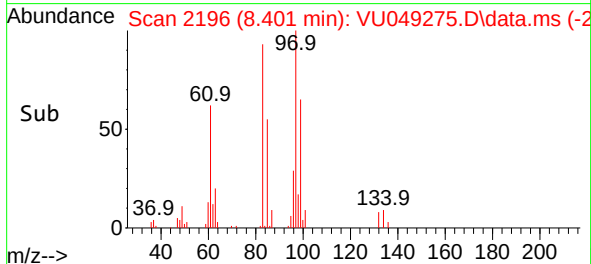
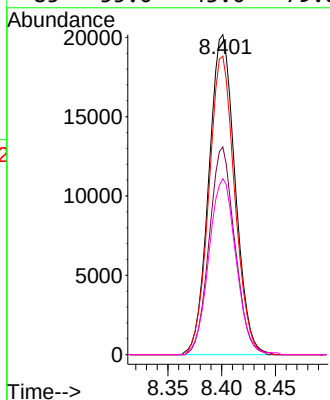
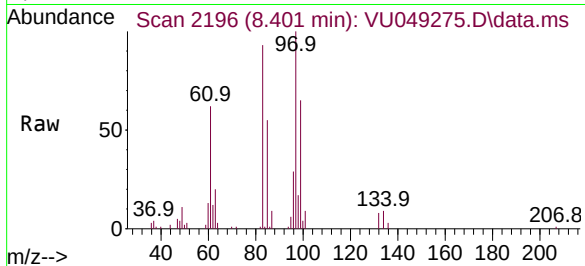




#45
1,1,2-Trichloroethane
Concen: 5.253 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

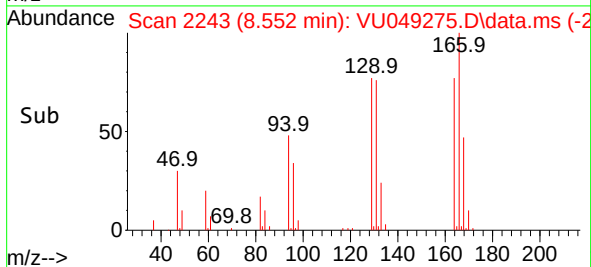
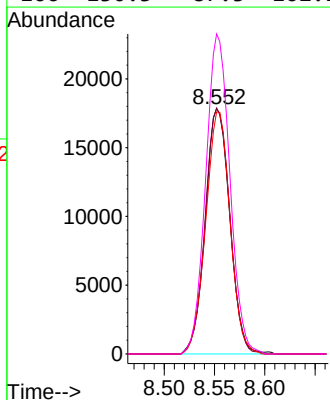
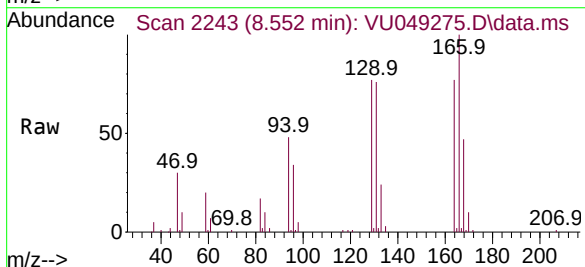
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

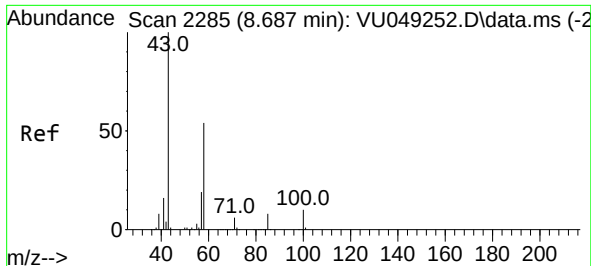
Tgt Ion:	97	Resp:	34272
Ion	Ratio	Lower	Upper
97	100		
99	64.9	45.6	84.8
83	93.3	65.4	121.4
85	55.0	43.0	79.8



#47
Tetrachloroethene
Concen: 5.043 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:	164	Resp:	30275
Ion	Ratio	Lower	Upper
164	100		
129	100.0	69.8	129.6
131	98.6	67.8	125.8
166	130.3	87.3	162.1

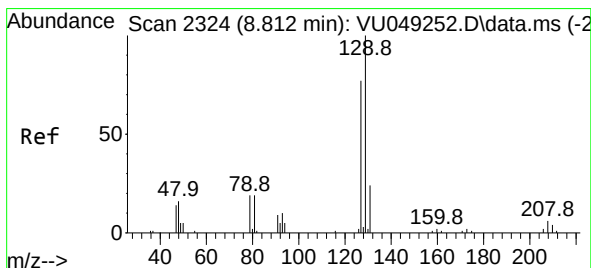
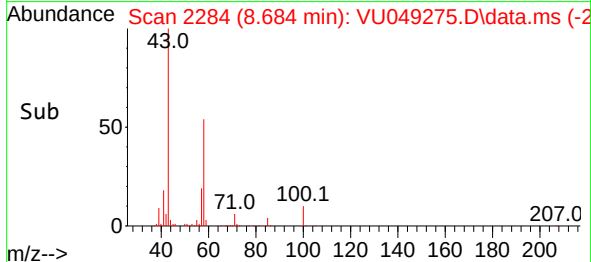
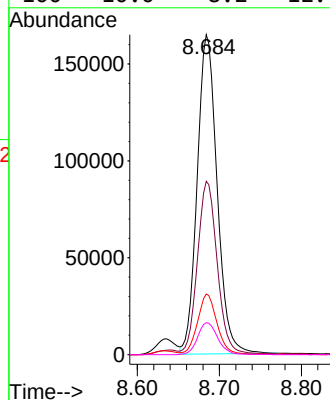
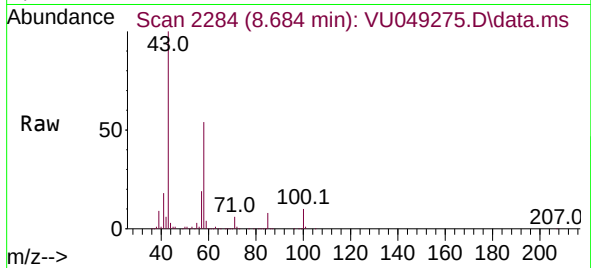




#48
2-Hexanone
Concen: 56.132 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

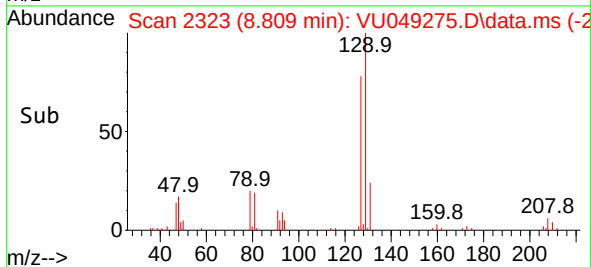
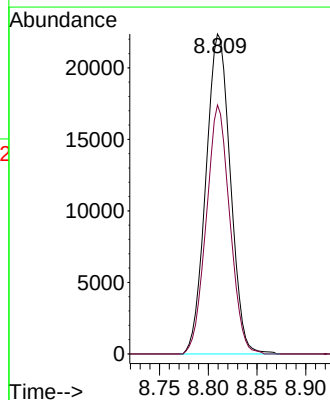
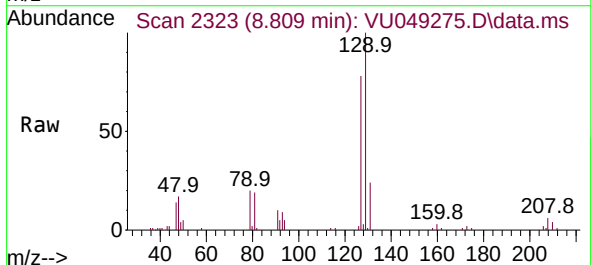
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

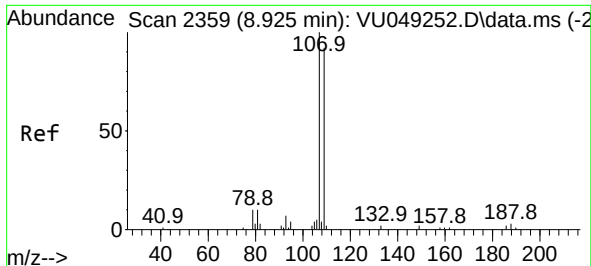
Tgt Ion:	43	Resp:	278558
Ion	Ratio	Lower	Upper
43	100		
58	53.2	43.4	65.0
57	18.3	14.9	22.3
100	10.0	8.2	12.4



#49
Dibromochloromethane
Concen: 5.255 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:	129	Resp:	39115
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.9	101.9

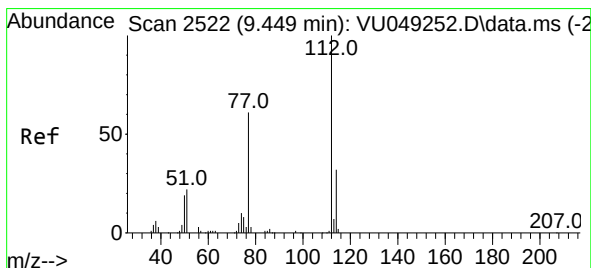
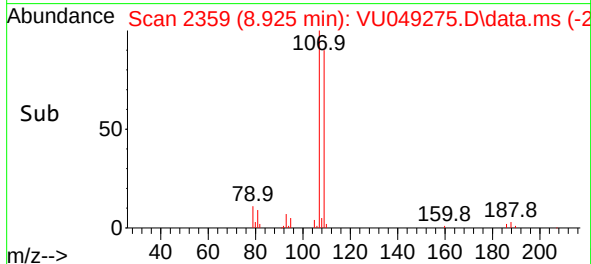
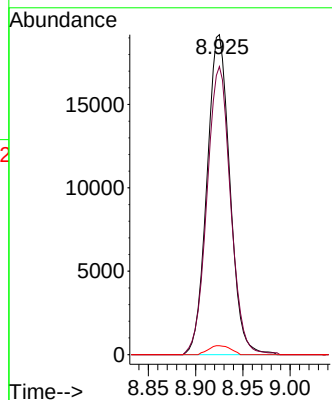
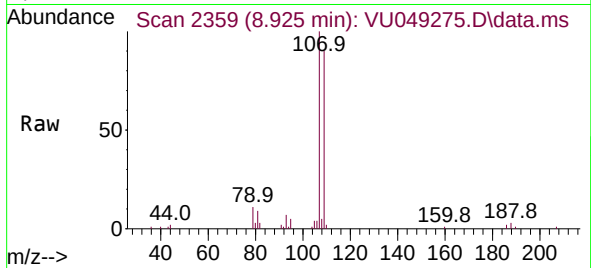




#50
1,2-Dibromoethane
Concen: 5.353 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

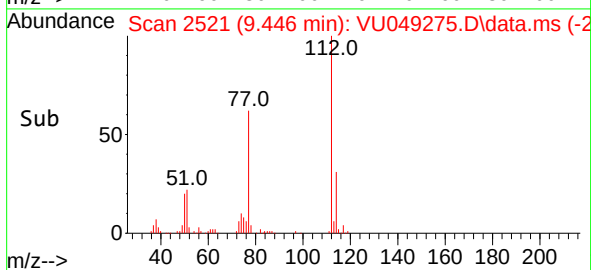
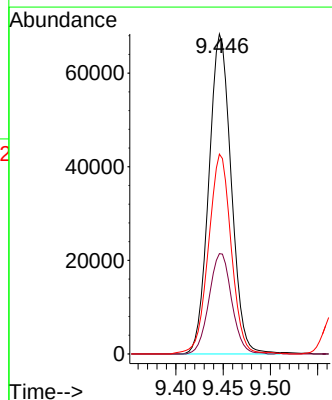
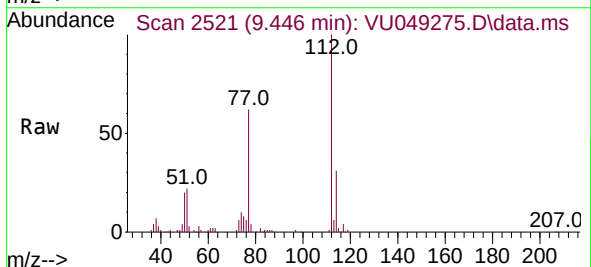
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

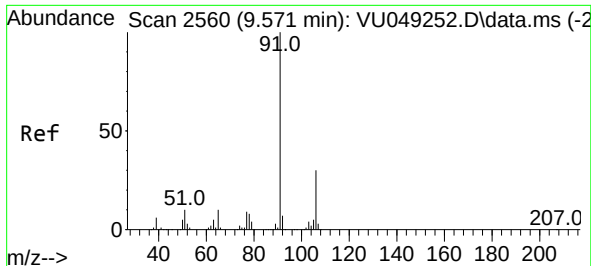
Tgt Ion:107 Resp: 32375
Ion Ratio Lower Upper
107 100
109 90.0 64.4 119.6
188 2.8 2.9 4.3#



#51
Chlorobenzene
Concen: 5.135 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:112 Resp: 112918
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 62.4 51.0 76.6

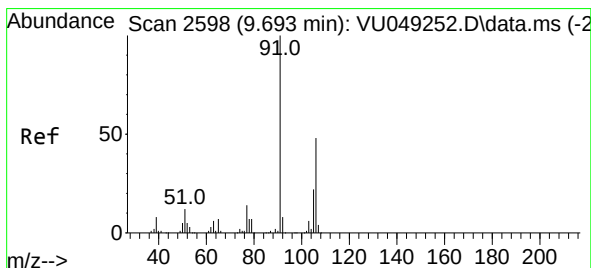
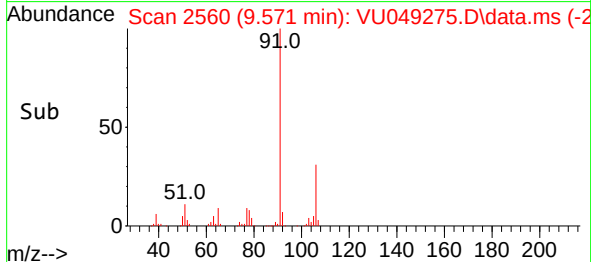
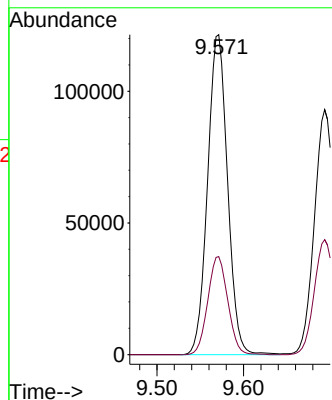
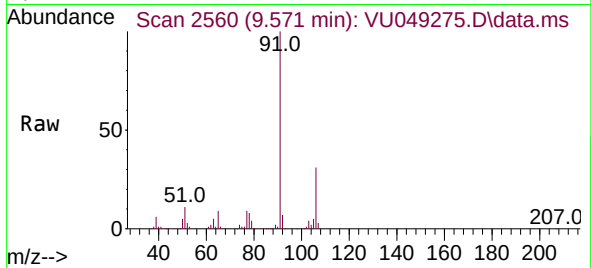




#52
Ethylbenzene
Concen: 4.927 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

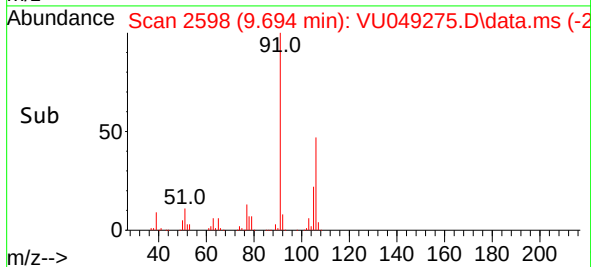
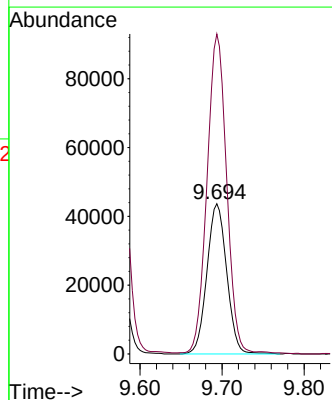
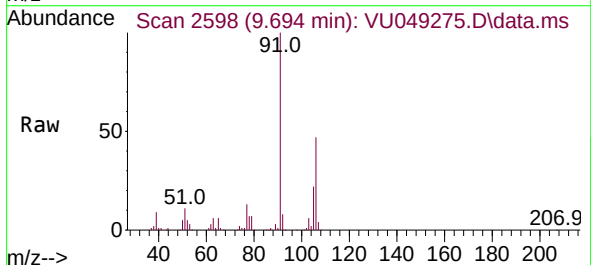
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

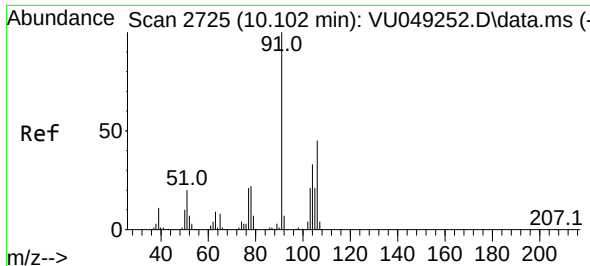
Tgt Ion: 91 Resp: 194341
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 4.981 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion: 106 Resp: 73019
Ion Ratio Lower Upper
106 100
91 213.0 148.5 275.7

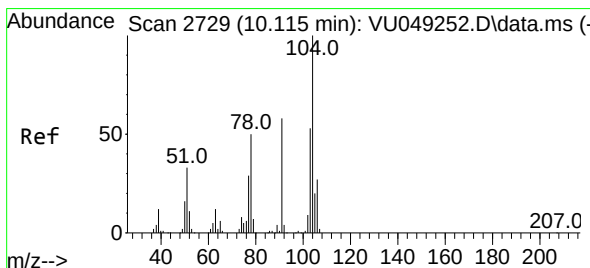
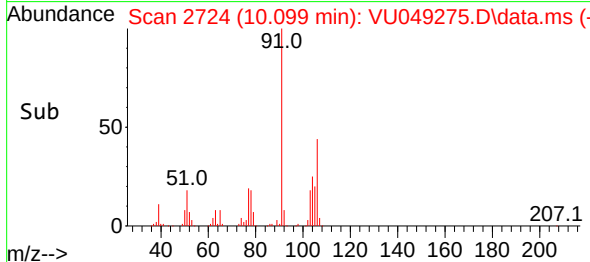
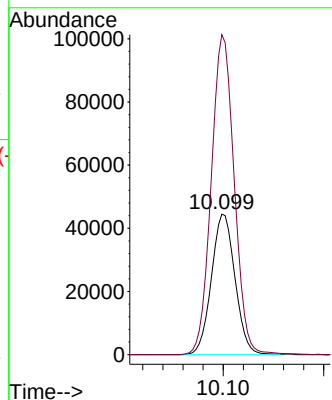
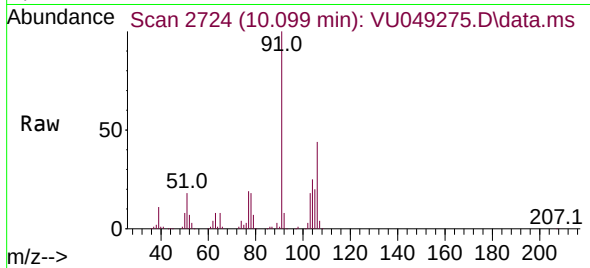




#54
o-Xylene
Concen: 4.977 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

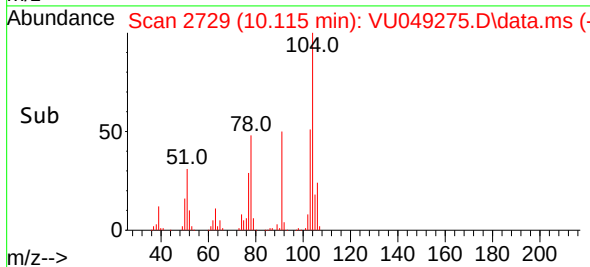
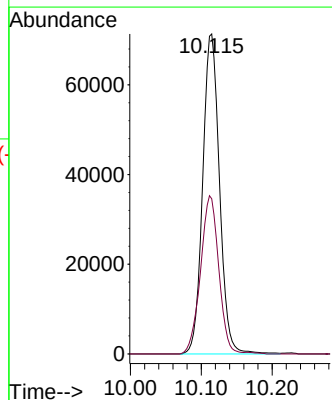
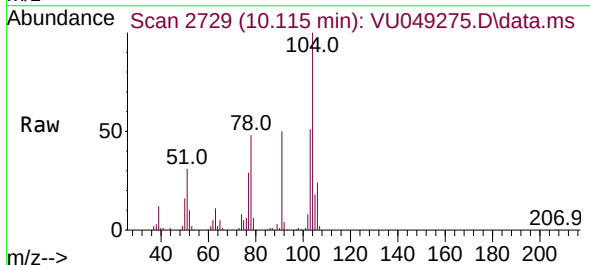
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

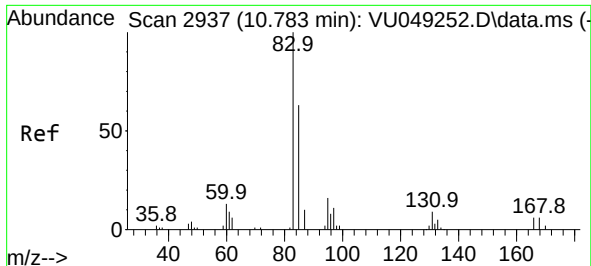
Tgt Ion:106 Resp: 72331
Ion Ratio Lower Upper
106 100
91 227.9 157.5 292.5



#55
Styrene
Concen: 4.831 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:104 Resp: 117603
Ion Ratio Lower Upper
104 100
78 48.5 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.515 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MS

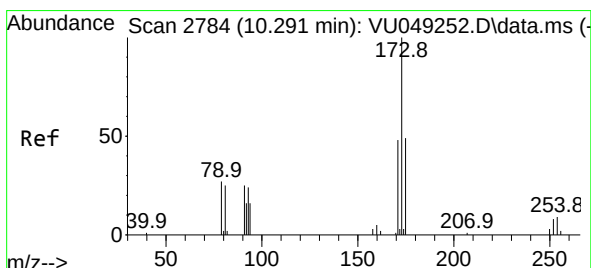
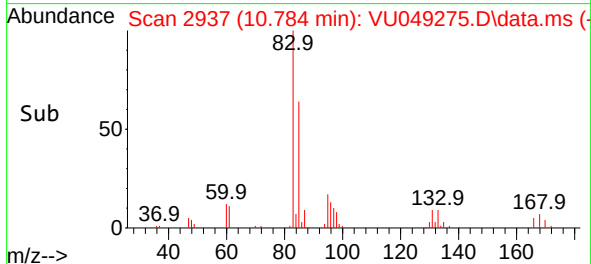
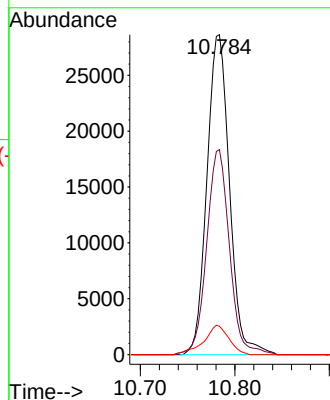
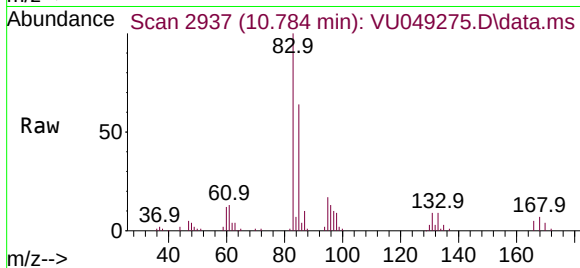
Tgt Ion: 83 Resp: 47617

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4

131 8.9 7.1 10.7



#59

Bromoform

Concen: 4.825 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

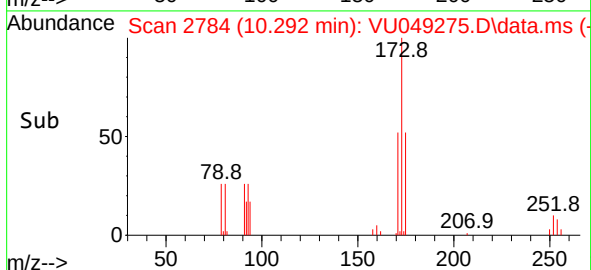
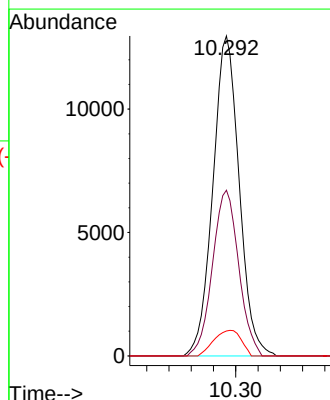
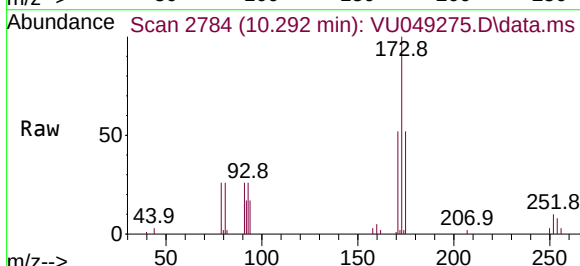
Tgt Ion: 173 Resp: 21232

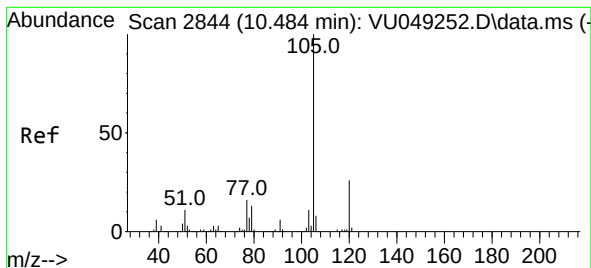
Ion Ratio Lower Upper

173 100

175 51.6 37.9 56.9

254 8.3 6.6 9.8





#60

Isopropylbenzene

Concen: 4.661 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MS

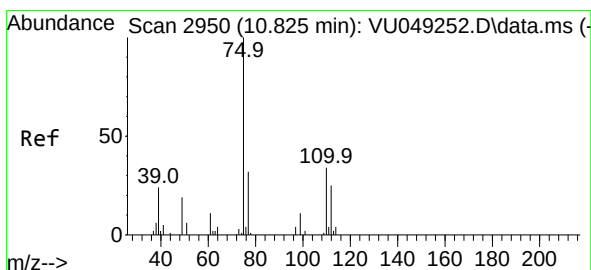
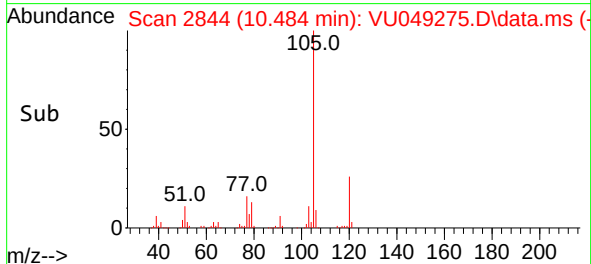
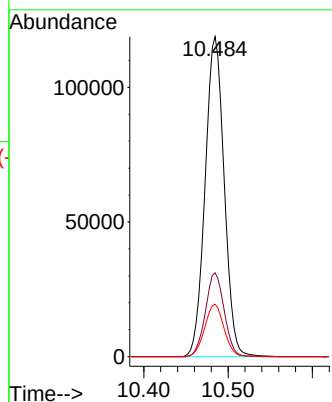
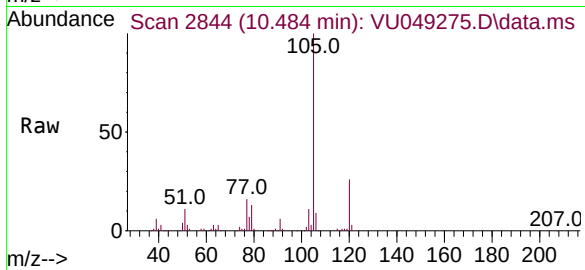
Tgt Ion:105 Resp: 186004

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 16.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.108 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

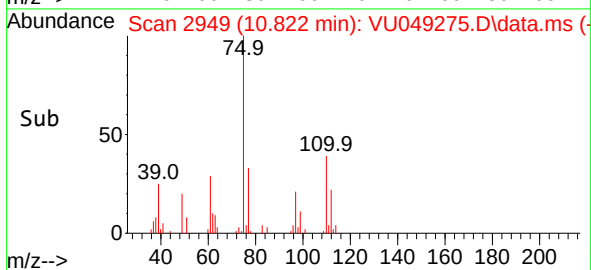
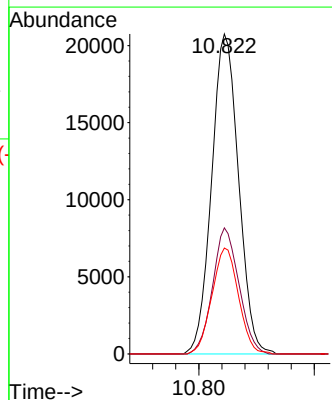
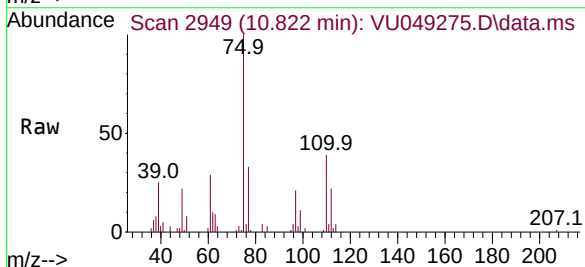
Tgt Ion: 75 Resp: 33576

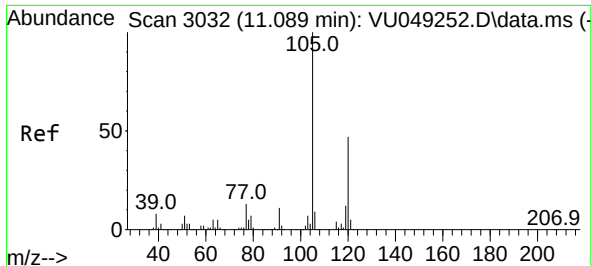
Ion Ratio Lower Upper

75 100

110 38.5 29.0 43.4

77 32.6 26.2 39.2

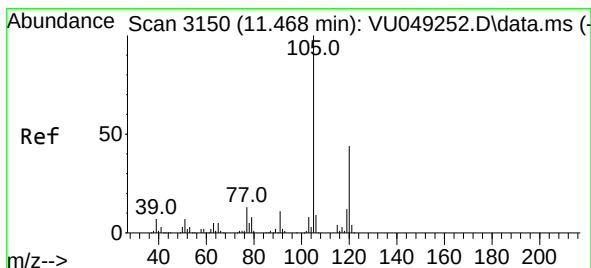
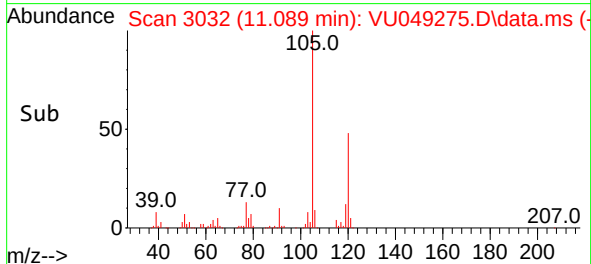
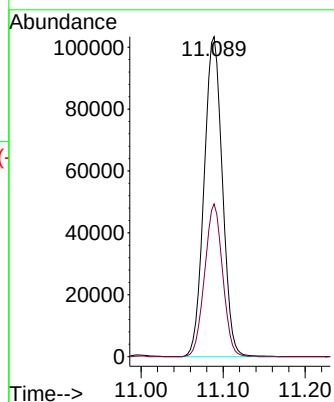
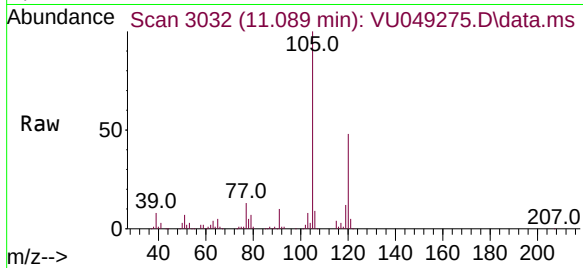




#62
1,3,5-Trimethylbenzene
Concen: 4.540 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

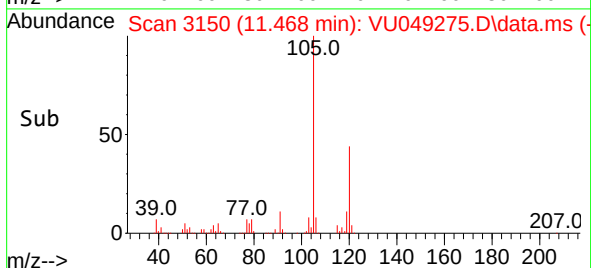
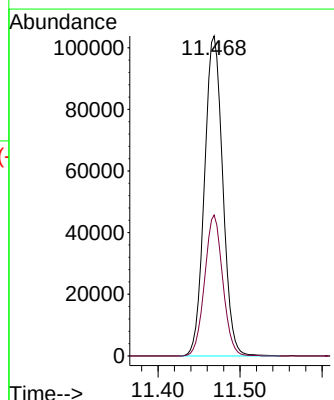
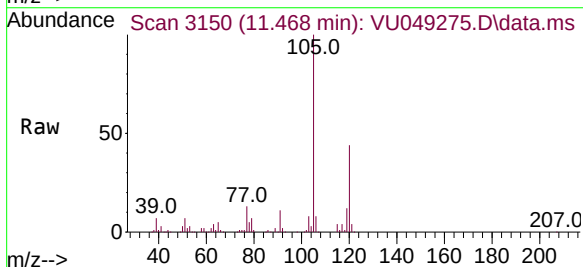
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

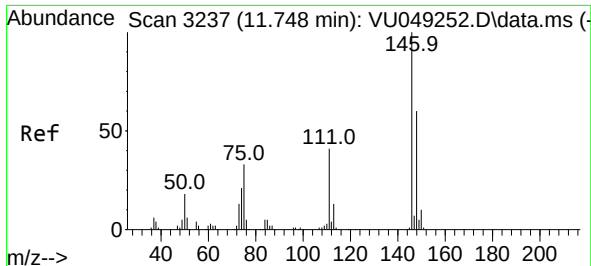
Tgt Ion:105 Resp: 159877
Ion Ratio Lower Upper
105 100
120 46.9 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 4.603 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:105 Resp: 160619
Ion Ratio Lower Upper
105 100
120 43.6 34.6 52.0

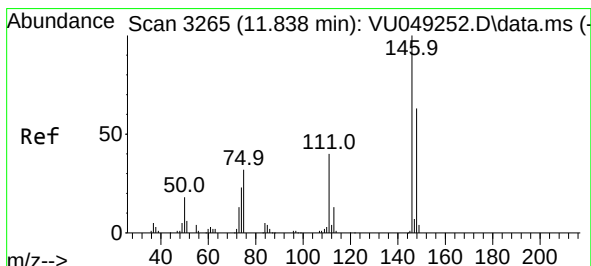
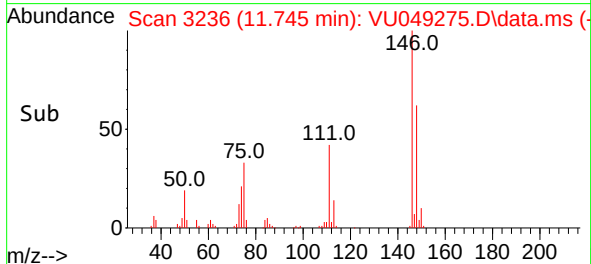
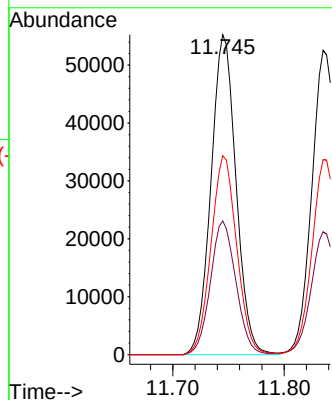
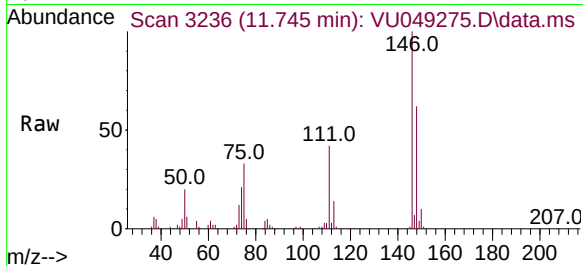




#64
1,3-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

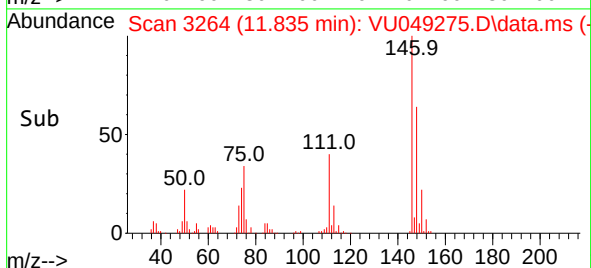
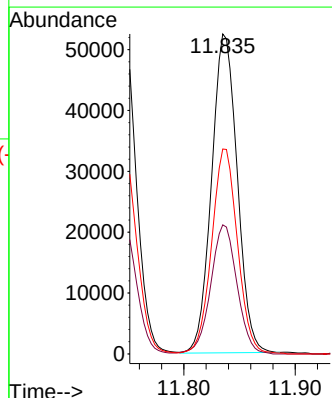
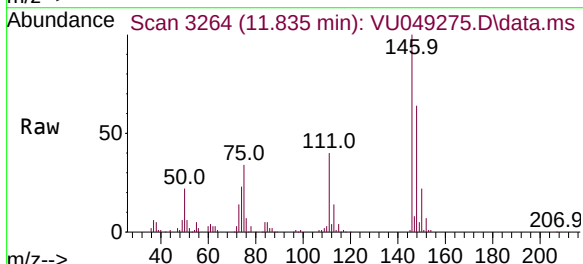
Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

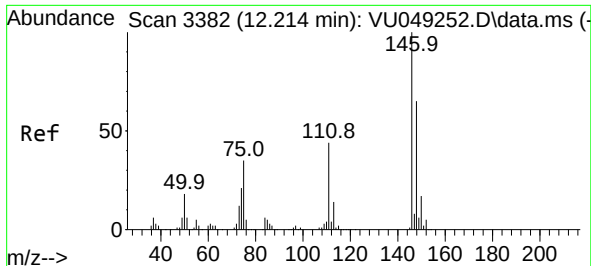
Tgt Ion:146 Resp: 86190
Ion Ratio Lower Upper
146 100
111 41.8 30.9 57.5
148 62.2 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 4.972 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:146 Resp: 83917
Ion Ratio Lower Upper
146 100
111 40.3 29.8 55.4
148 64.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.106 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

EW4Q7MS

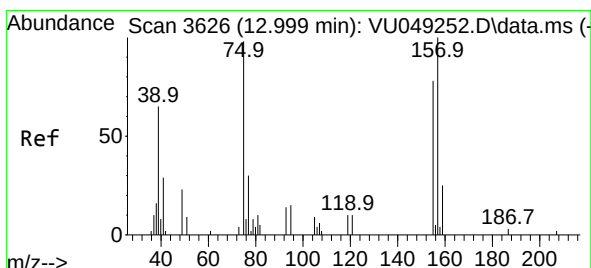
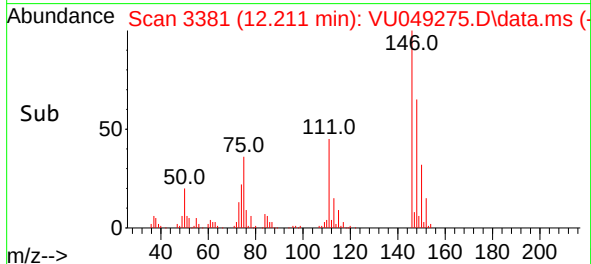
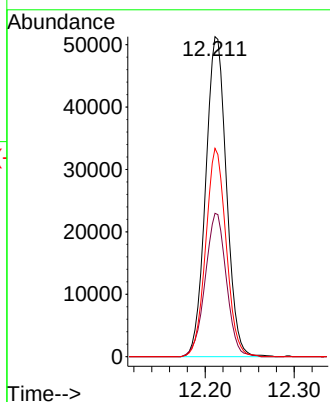
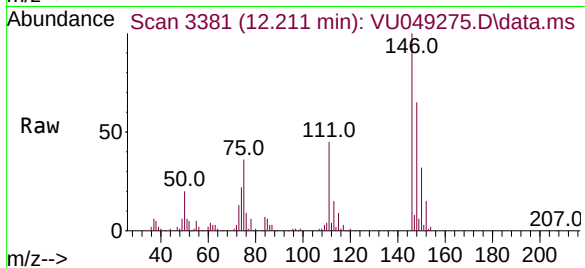
Tgt Ion:146 Resp: 82973

Ion Ratio Lower Upper

146 100

111 44.8 36.6 55.0

148 65.1 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.511 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049275.D

Acq: 18 Jun 2022 03:41

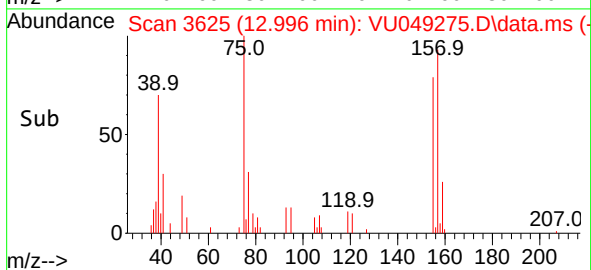
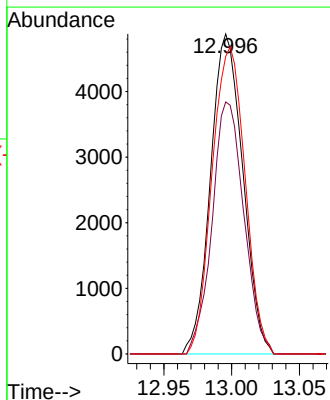
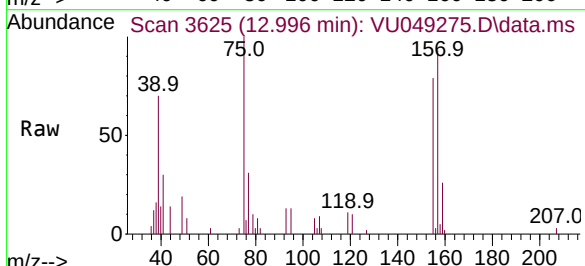
Tgt Ion: 75 Resp: 8080

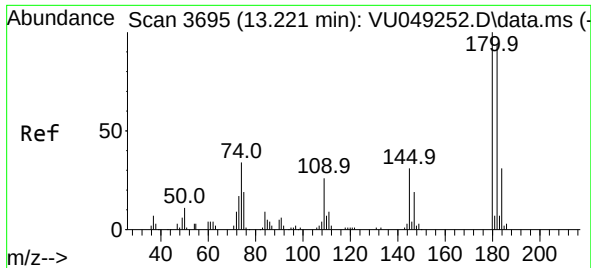
Ion Ratio Lower Upper

75 100

155 78.7 52.0 78.0#

157 93.0 71.4 107.2

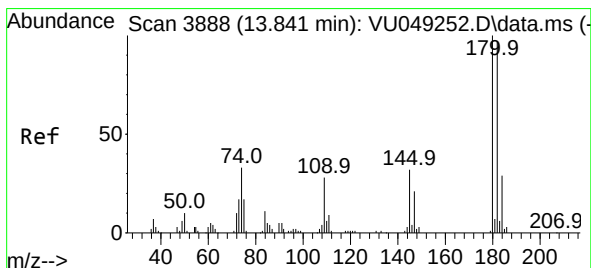
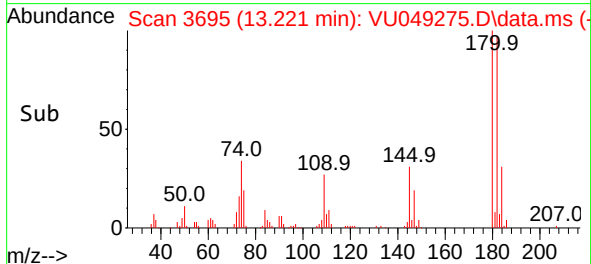
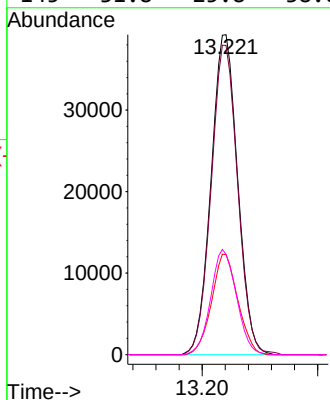
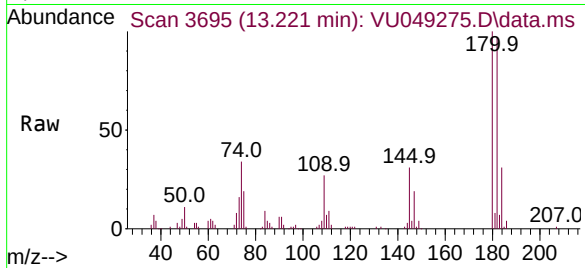




#69
 1,3,5-Trichlorobenzene
 Concen: 4.896 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

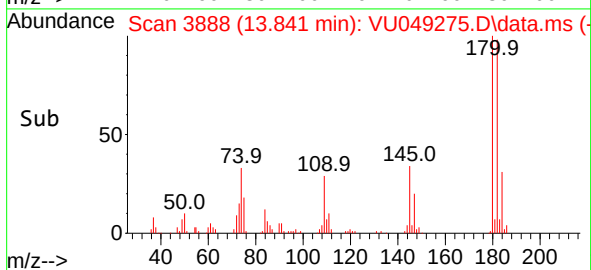
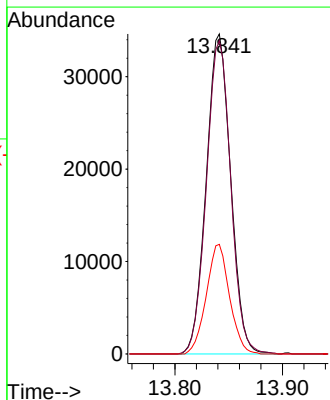
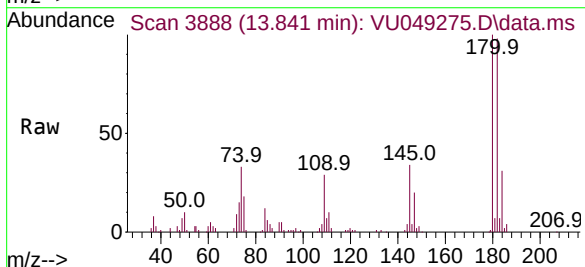
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q7MS

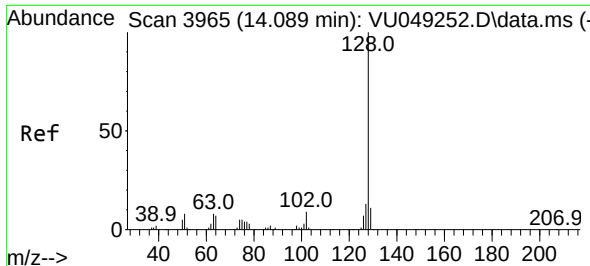
Tgt Ion:	180	Resp:	62698
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.0	112.4
184	31.0	23.2	34.8
145	31.8	25.8	38.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.364 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049275.D
 Acq: 18 Jun 2022 03:41

Tgt Ion:	180	Resp:	54602
Ion Ratio	Lower	Upper	
180	100		
182	97.7	74.6	112.0
145	32.5	26.1	39.1

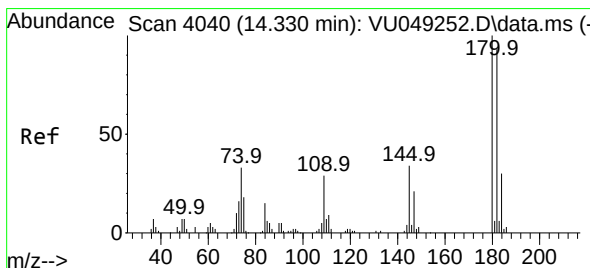
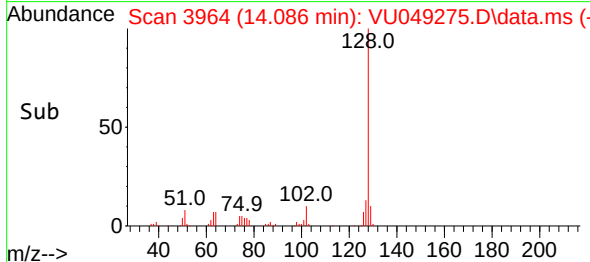
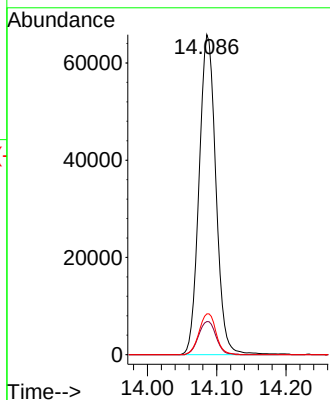
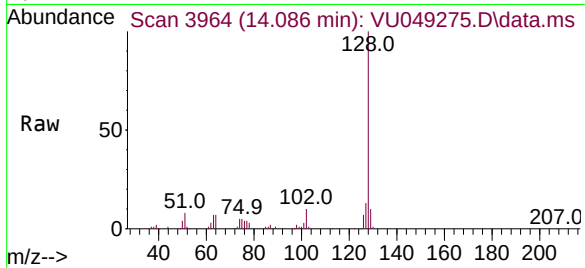




#71
Naphthalene
Concen: 5.471 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Instrument :
MSVOA_U
ClientSampleId :
EW4Q7MS

Tgt Ion:128 Resp: 110680
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.465 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049275.D
Acq: 18 Jun 2022 03:41

Tgt Ion:180 Resp: 52315
Ion Ratio Lower Upper
180 100
182 95.0 75.6 113.4
145 34.0 27.9 41.9

