

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049279.D
 Acq On : 18 Jun 2022 13:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050150

Quant Time: Jun 20 00:08:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	289687	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	270943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	138003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	95123	53.302	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.600%		
7) Chloroethane-d5	1.906	69	73378	56.000	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 112.000%		
11) 1,1-Dichloroethene-d2	2.565	63	179637	53.345	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.680%		
21) 2-Butanone-d5	4.620	46	201778	103.125	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.130%		
24) Chloroform-d	5.064	84	192989	50.693	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.380%		
26) 1,2-Dichloroethane-d4	5.700	65	121312	49.185	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 98.360%		
32) Benzene-d6	5.726	84	360676	53.684	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.360%		
36) 1,2-Dichloropropane-d6	6.691	67	128664	56.967	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 113.940%		
41) Toluene-d8	7.896	98	332599	56.133	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 112.260%		
43) trans-1,3-Dichloroprop...	8.179	79	59186	55.701	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 111.400%		
47) 2-Hexanone-d5	8.633	63	135869	114.940	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 114.940%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	188440	49.953	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 99.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	129365	53.876	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	141781	55.461	ug/L	100
3) Chloromethane	1.520	50	121806	45.204	ug/L	99
5) Vinyl chloride	1.601	62	131758	51.580	ug/L	92
6) Bromomethane	1.845	94	50051	35.422	ug/L	96
8) Chloroethane	1.929	64	76759	53.801	ug/L	95
9) Trichlorofluoromethane	2.135	101	167941	46.713	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	95284	46.689	ug/L	96
12) 1,1-Dichloroethene	2.578	96	85741	47.996	ug/L	96
13) Acetone	2.626	43	123664	80.319	ug/L	100
14) Carbon disulfide	2.790	76	261971	57.667	ug/L	100
15) Methyl Acetate	2.948	43	144422	47.293	ug/L	96
16) Methylene chloride	3.044	84	105432	45.321	ug/L	91
17) trans-1,2-Dichloroethene	3.353	96	92311	46.997	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	324003	44.094	ug/L	97
19) 1,1-Dichloroethane	3.868	63	193547	45.739	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	106812	44.698	ug/L	97
22) 2-Butanone	4.700	43	212130	89.656	ug/L	97
23) Bromochloromethane	4.974	128	53213	42.427	ug/L	86
25) Chloroform	5.089	83	193253	43.822	ug/L	99

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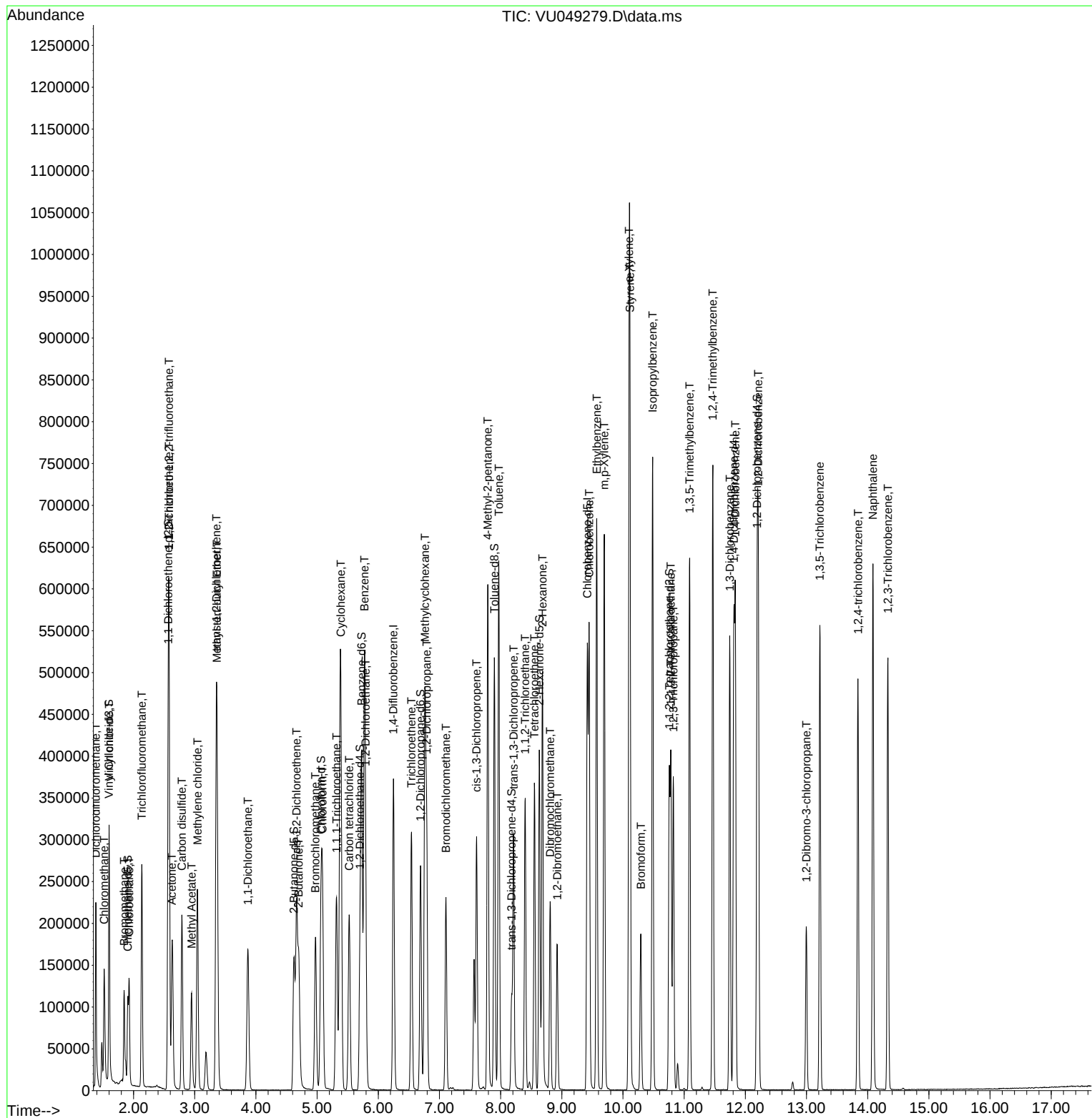
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.794	62	155391	43.285	ug/L	99
29) Cyclohexane	5.388	56	193274	63.741	ug/L	93
30) 1,1,1-Trichloroethane	5.318	97	165425	43.780	ug/L	96
31) Carbon tetrachloride	5.523	117	141168	42.718	ug/L	100
33) Benzene	5.774	78	430619	49.057	ug/L	100
34) Trichloroethene	6.543	95	107651	48.653	ug/L	95
35) Methylcyclohexane	6.765	83	179440	58.100	ug/L	95
37) 1,2-Dichloropropane	6.790	63	119750	48.378	ug/L	99
38) Bromodichloromethane	7.105	83	145616	44.308	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	176737	48.524	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	404274	96.942	ug/L	96
42) Toluene	7.970	91	439518	48.443	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	166693	46.219	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	105968	44.180	ug/L	97
46) Tetrachloroethene	8.552	164	76359	44.514	ug/L	98
48) 2-Hexanone	8.684	43	315262	92.990	ug/L	96
49) Dibromochloromethane	8.809	129	111837	41.877	ug/L	99
50) 1,2-Dibromoethane	8.925	107	114460	45.361	ug/L	96
51) Chlorobenzene	9.446	112	272447	44.423	ug/L	95
52) Ethylbenzene	9.572	91	480536	48.713	ug/L	99
53) m,p-Xylene	9.694	106	176947	45.677	ug/L	87
54) o-Xylene	10.099	106	177276	45.421	ug/L	92
55) Styrene	10.115	104	302011	46.336	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	196106	43.872	ug/L	100
59) Bromoform	10.292	173	80970	39.757	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	155320	44.371	ug/L	96
61) Isopropylbenzene	10.485	105	468895	50.021	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	334700	41.822	ug/L	97
63) 1,2,4-Trimethylbenzene	11.469	105	408201	64.066	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	209647	45.592	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	207878	44.650	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211220	44.262	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	50339	43.571	ug/L	97
69) 1,3,5-Trichlorobenzene	13.218	180	157482	47.940	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	139084	50.069	ug/L	99
71) Naphthalene	14.086	128	479981	48.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	146501	49.859	ug/L	99

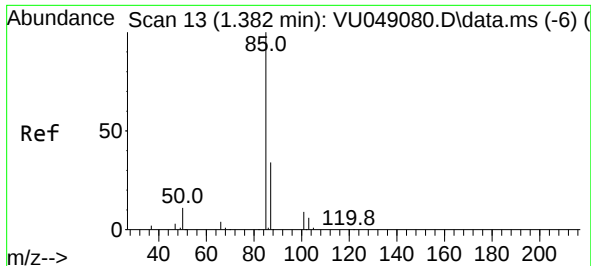
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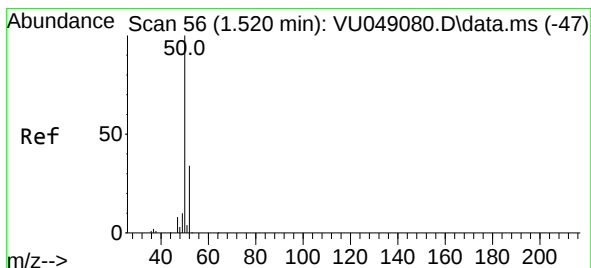
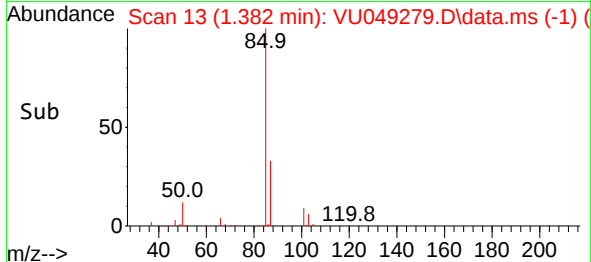
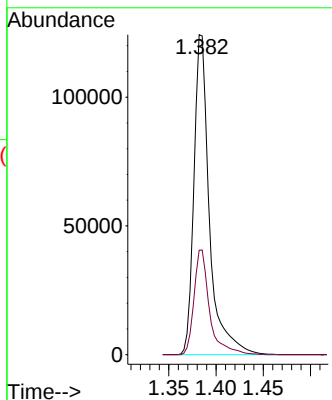
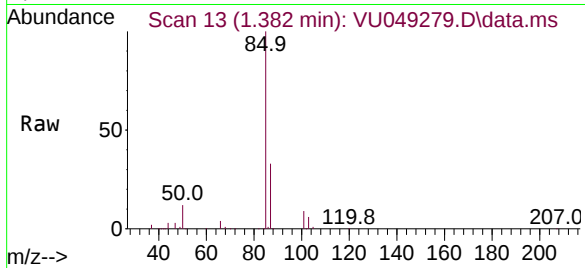




#2
Dichlorodifluoromethane
Concen: 55.461 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

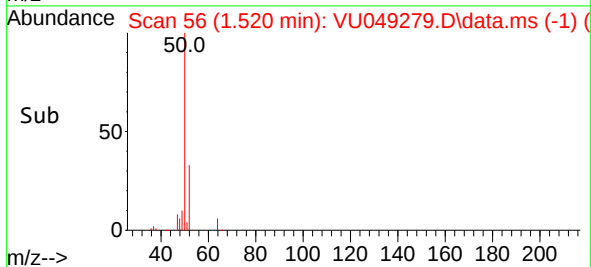
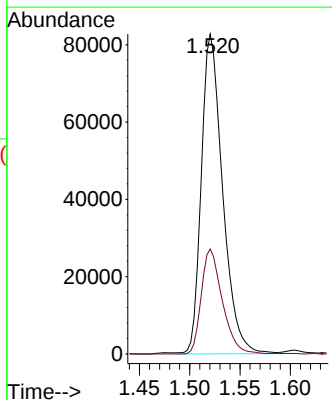
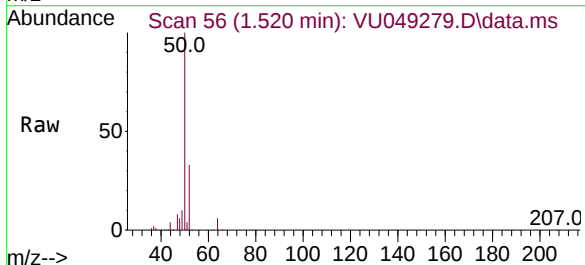
Instrument :
MSVOA_U
ClientSampleId :
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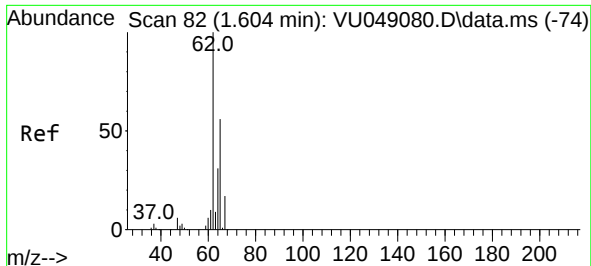
Tgt Ion: 85 Resp: 141781
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5



#3
Chloromethane
Concen: 45.204 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 50 Resp: 121806
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

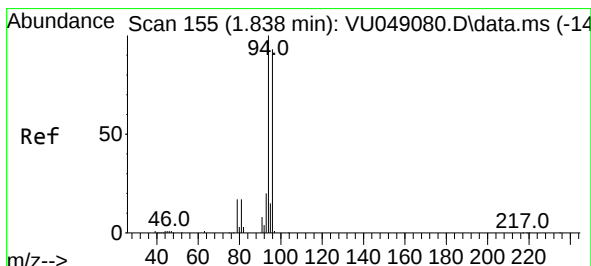
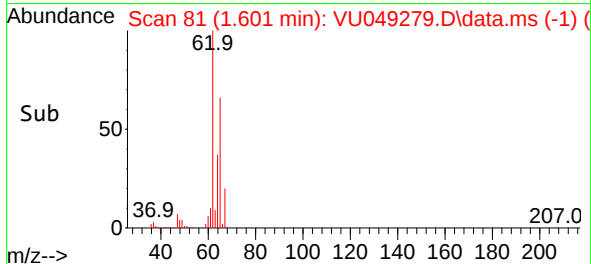
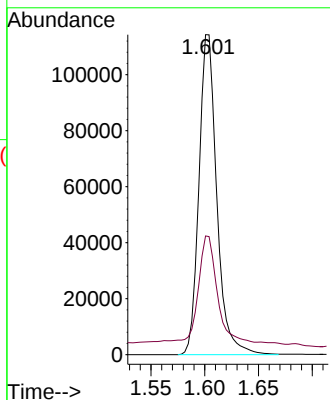
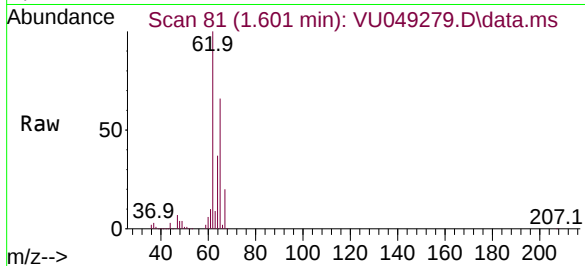




#5
 Vinyl chloride
 Concen: 51.580 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049279.D
 Acq: 18 Jun 2022 13:58

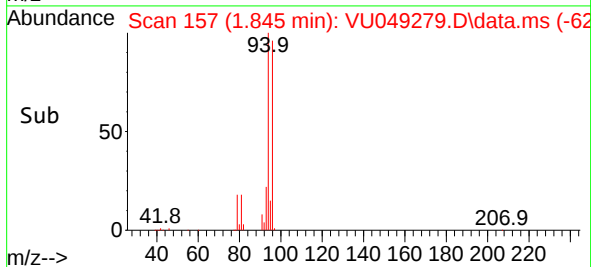
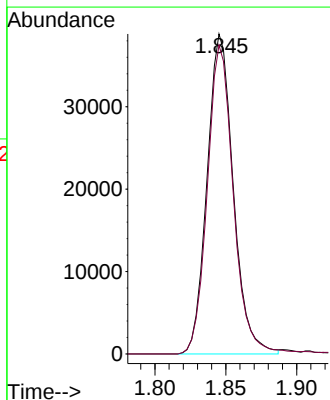
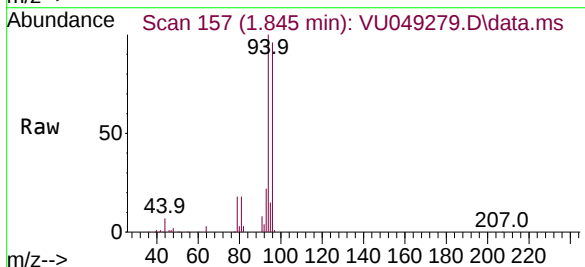
Instrument :
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 ClientSampleId :
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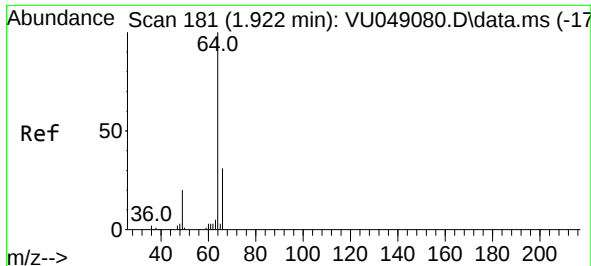
Tgt Ion: 62 Resp: 131758
 Ion Ratio Lower Upper
 62 100
 64 37.1 22.7 42.3



#6
 Bromomethane
 Concen: 35.422 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.007 min
 Lab File: VU049279.D
 Acq: 18 Jun 2022 13:58

Tgt Ion: 94 Resp: 50051
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.1 120.9

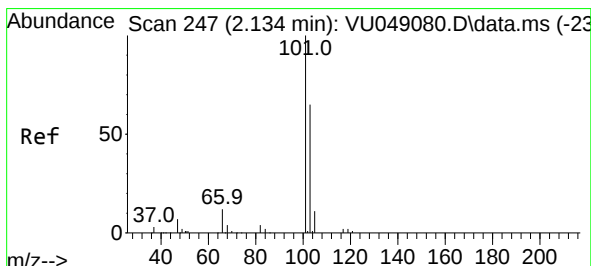
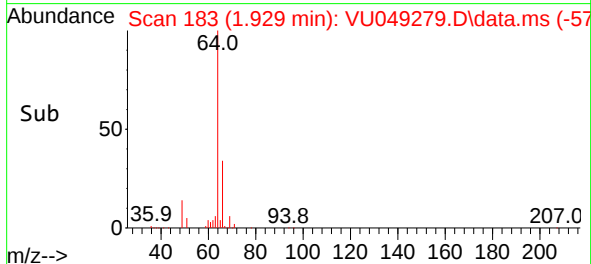
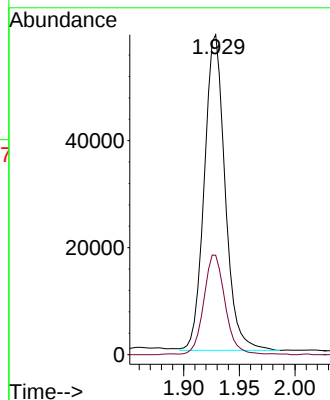
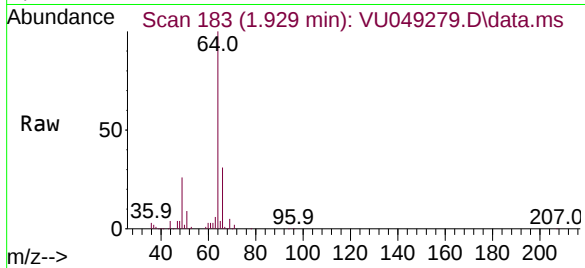




#8
Chloroethane
Concen: 53.801 ug/L
RT: 1.929 min Scan# 181
Delta R.T. 0.007 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

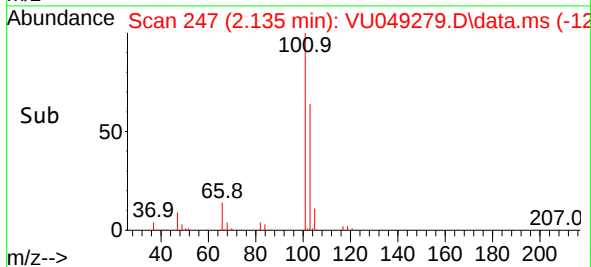
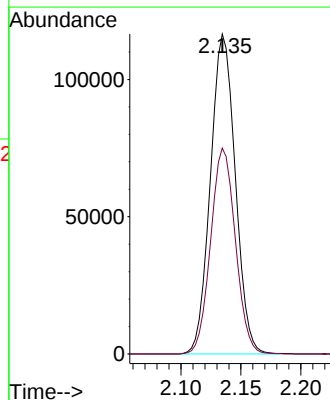
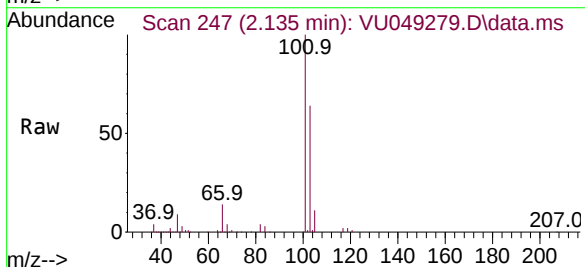
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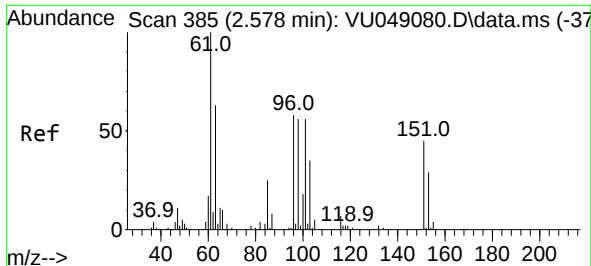
Tgt Ion: 64 Resp: 76759
Ion Ratio Lower Upper
64 100
66 31.1 23.7 43.9



#9
Trichlorofluoromethane
Concen: 46.713 ug/L
RT: 2.135 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion:101 Resp: 167941
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 46.689 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050150

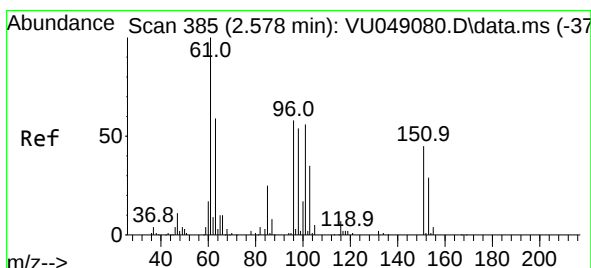
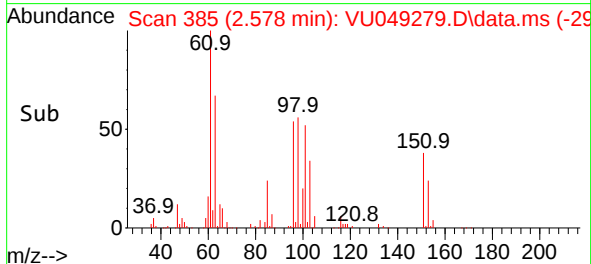
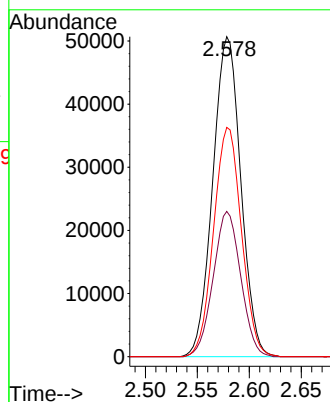
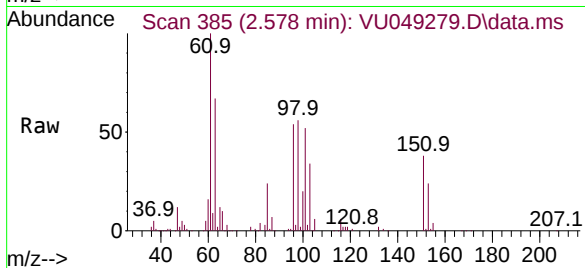
Tgt Ion:101 Resp: 95284

Ion Ratio Lower Upper

101 100

85 44.5 35.2 52.8

151 71.1 61.4 92.2



#12

1,1-Dichloroethene

Concen: 47.996 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

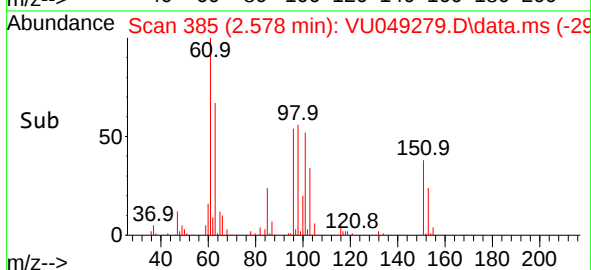
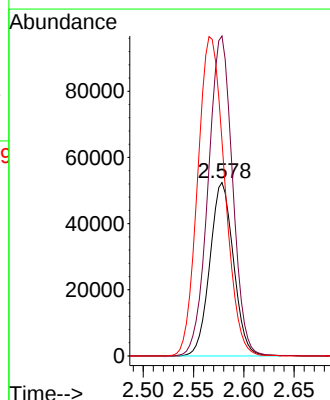
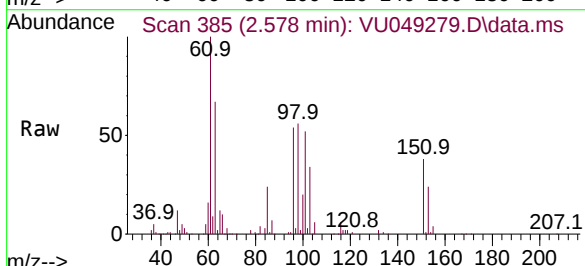
Tgt Ion: 96 Resp: 85741

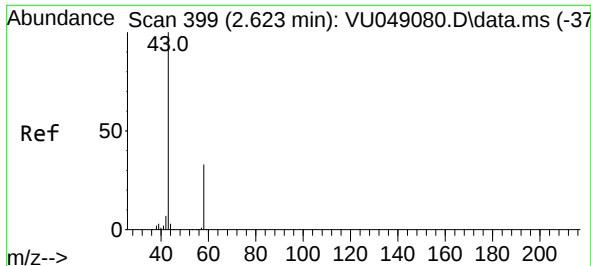
Ion Ratio Lower Upper

96 100

61 184.6 123.5 229.3

63 124.2 86.0 159.8





#13

Acetone

Concen: 80.319 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU049279.D

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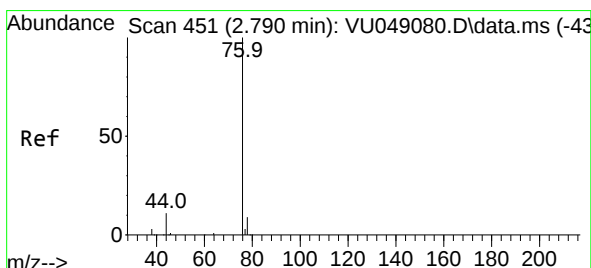
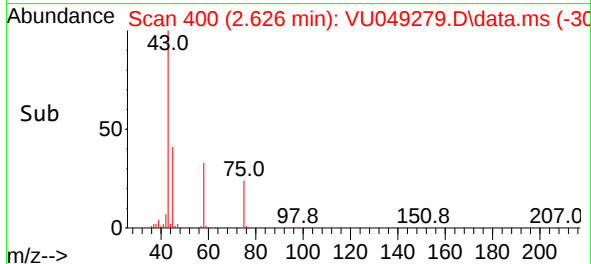
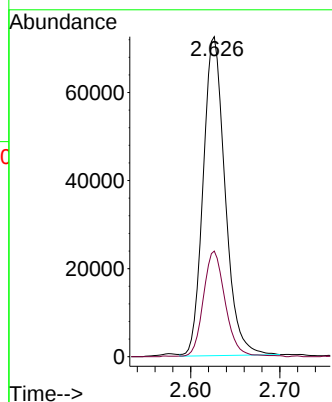
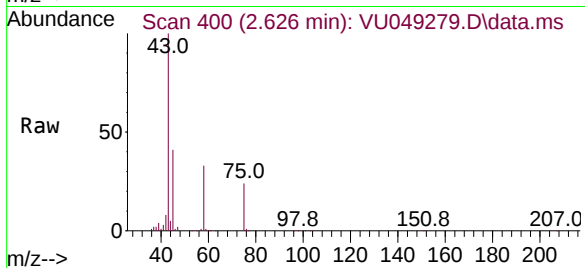
VSTD050150

Tgt Ion: 43 Resp: 123664

Ion Ratio Lower Upper

43 100

58 33.3 0.0 66.4



#14

Carbon disulfide

Concen: 57.667 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049279.D

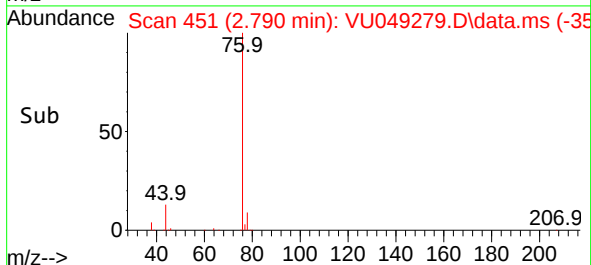
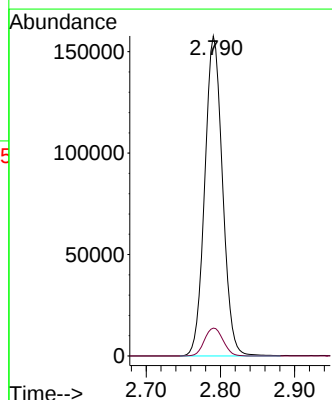
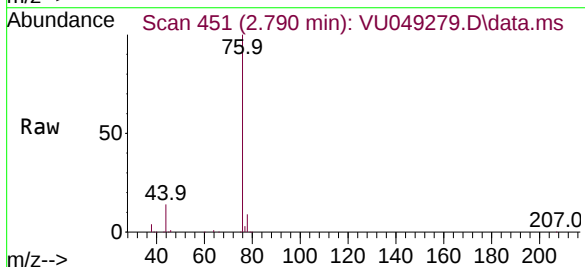
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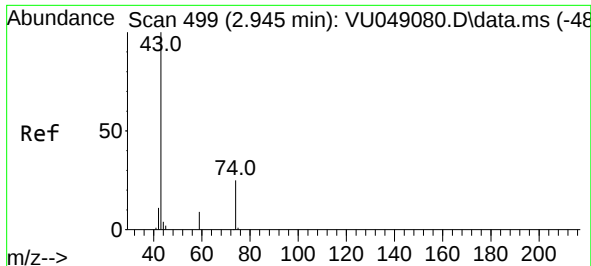
Tgt Ion: 76 Resp: 261971

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

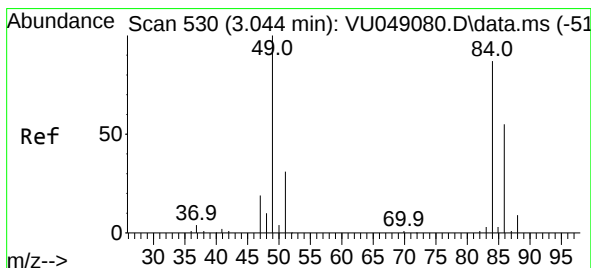
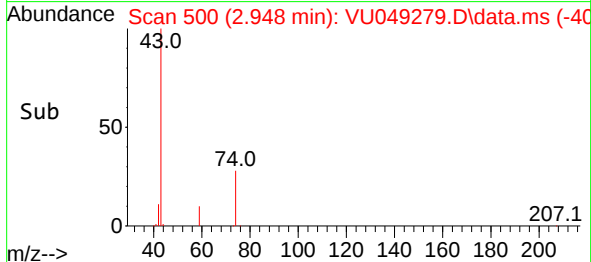
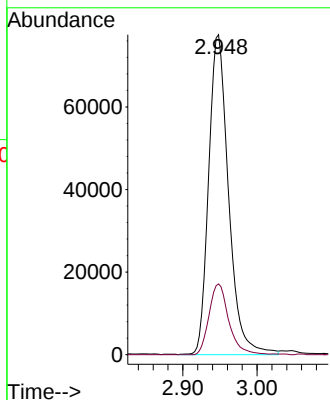
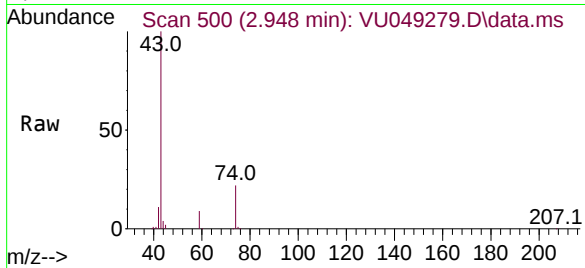




#15
Methyl Acetate
Concen: 47.293 ug/L
RT: 2.948 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

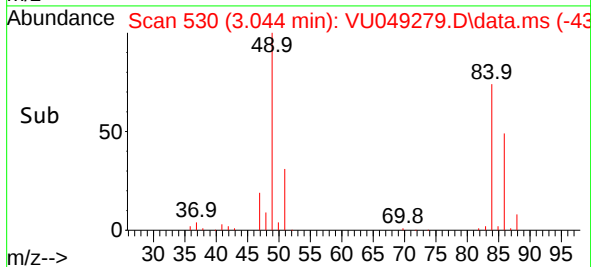
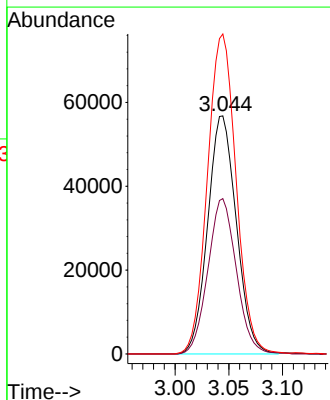
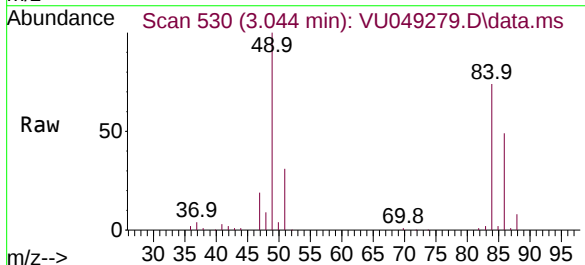
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

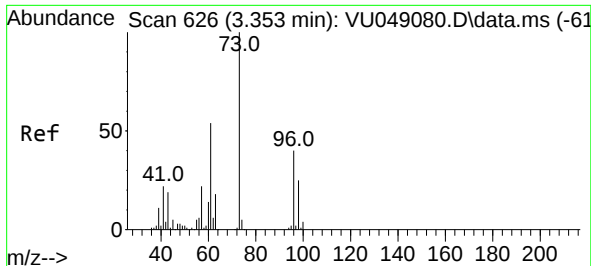
Tgt Ion: 43 Resp: 144422
Ion Ratio Lower Upper
43 100
74 21.9 19.0 28.6



#16
Methylene chloride
Concen: 45.321 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 84 Resp: 105432
Ion Ratio Lower Upper
84 100
86 65.3 45.8 85.0
49 134.4 83.4 155.0

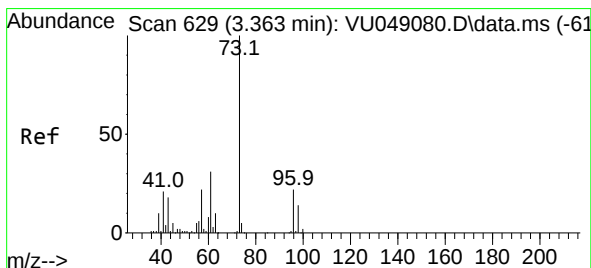
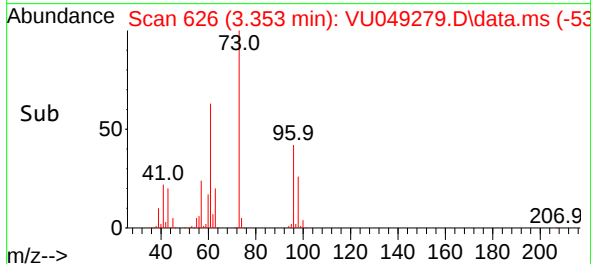
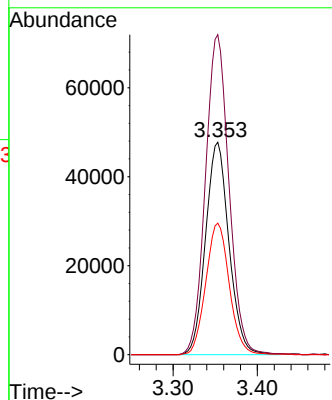
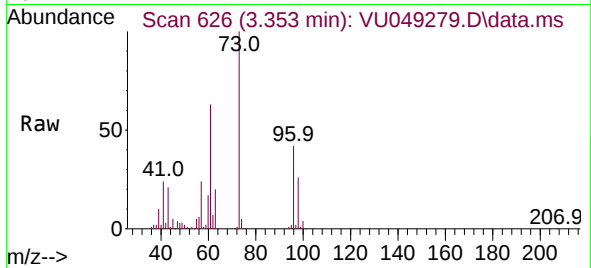




#17
trans-1,2-Dichloroethene
Concen: 46.997 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

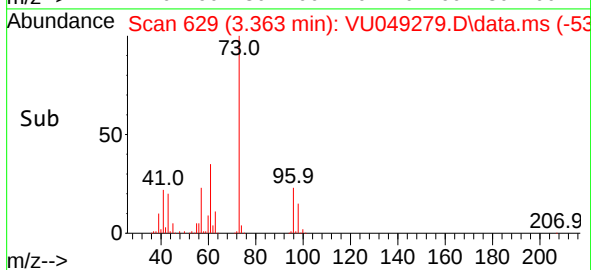
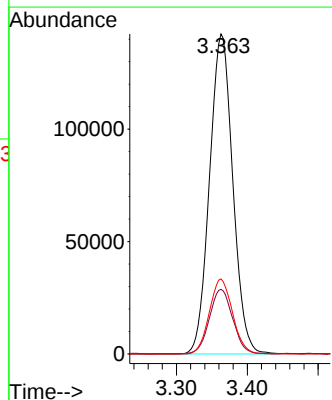
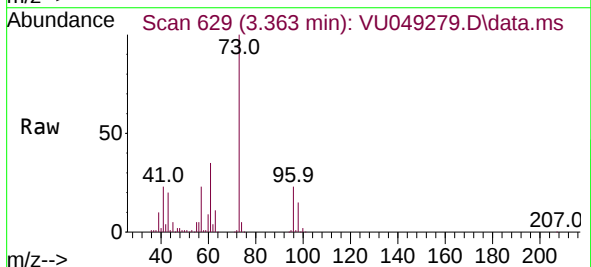
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

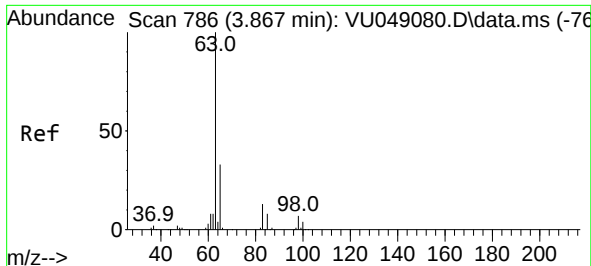
Tgt Ion: 96 Resp: 92311
Ion Ratio Lower Upper
96 100
61 150.6 99.3 184.3
98 61.9 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 44.094 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 73 Resp: 324003
Ion Ratio Lower Upper
73 100
43 20.0 15.0 22.4
57 23.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 45.739 ug/L

RT: 3.868 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050150

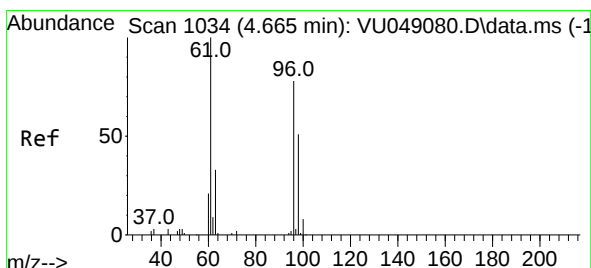
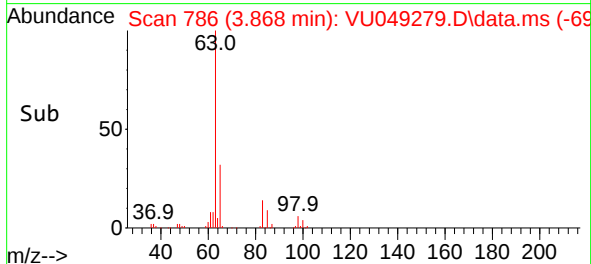
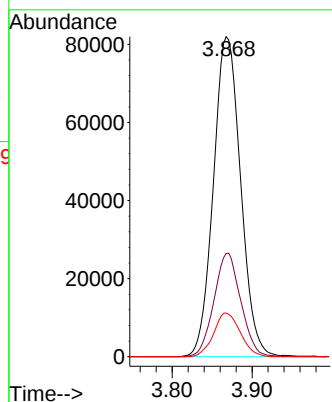
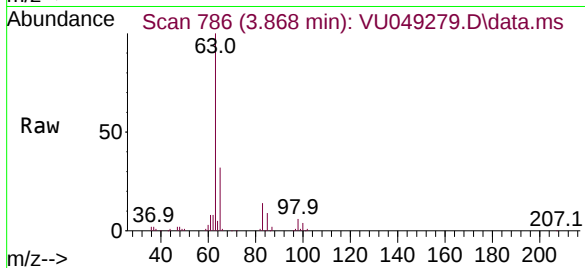
Tgt Ion: 63 Resp: 193547

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 44.698 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

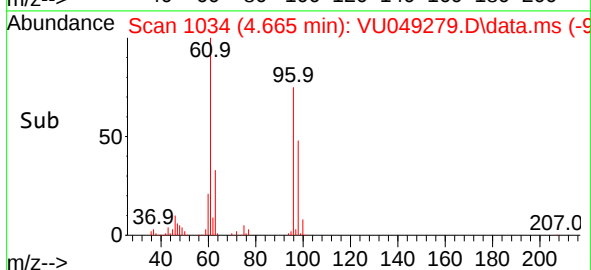
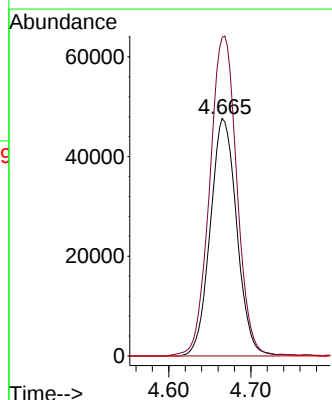
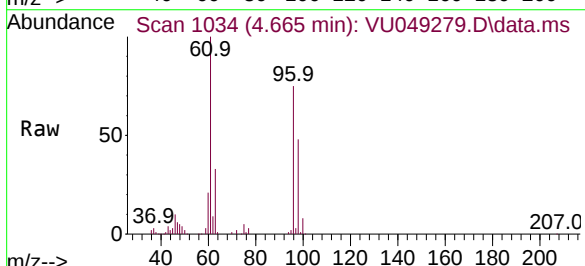
Tgt Ion: 96 Resp: 106812

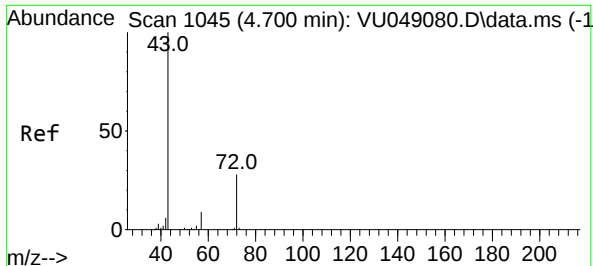
Ion Ratio Lower Upper

96 100

61 134.2 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 89.656 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

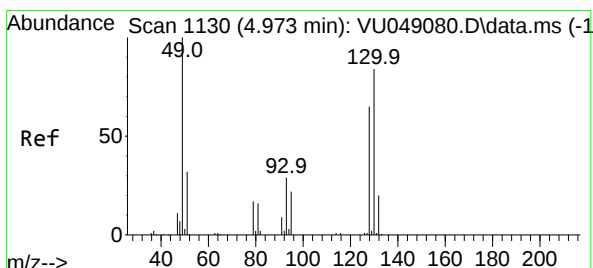
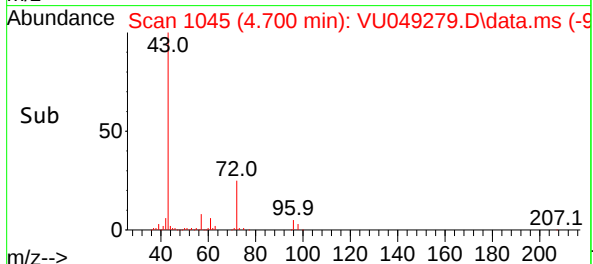
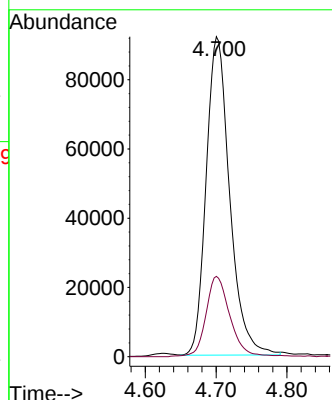
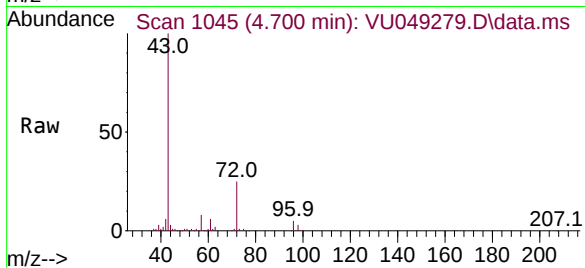
VSTD050150

Tgt Ion: 43 Resp: 212130

Ion Ratio Lower Upper

43 100

72 25.6 13.7 41.0



#23

Bromochloromethane

Concen: 42.427 ug/L

RT: 4.974 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Tgt Ion: 128 Resp: 53213

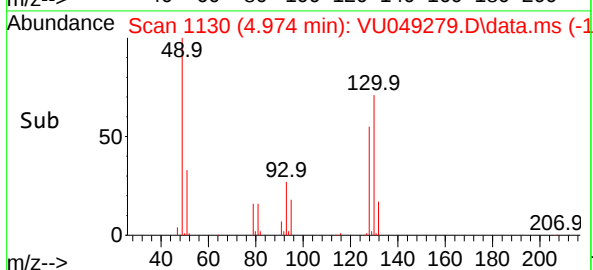
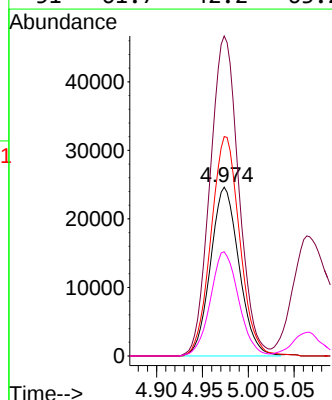
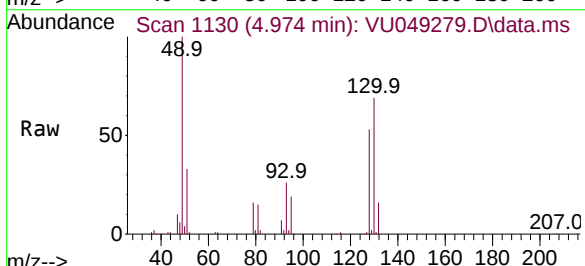
Ion Ratio Lower Upper

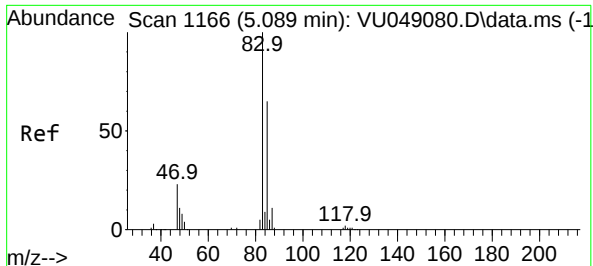
128 100

49 189.5 111.9 207.9

130 129.9 88.6 164.6

51 61.7 42.2 63.2

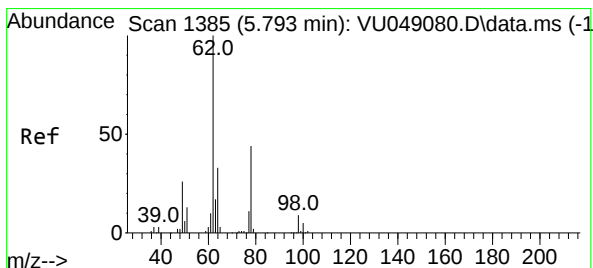
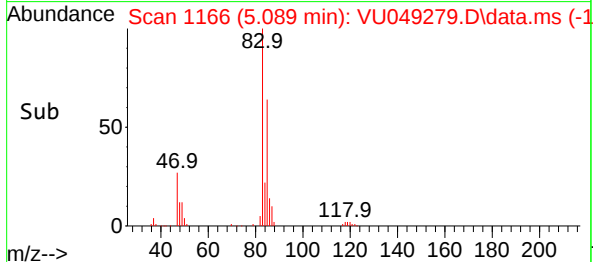
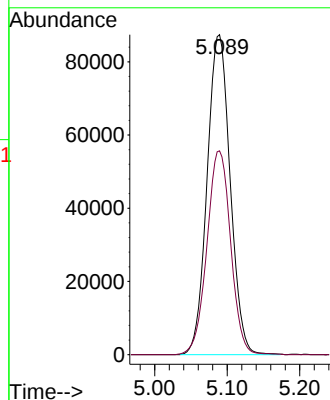
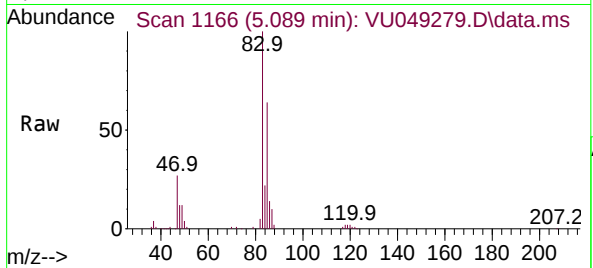




#25
Chloroform
Concen: 43.822 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

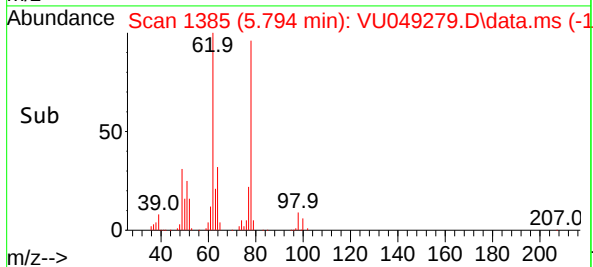
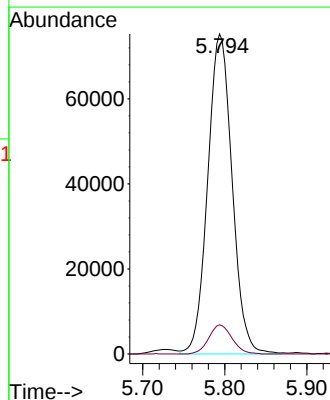
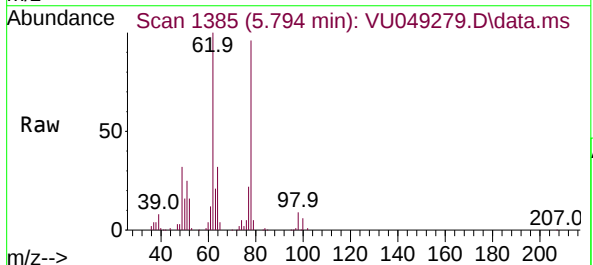
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

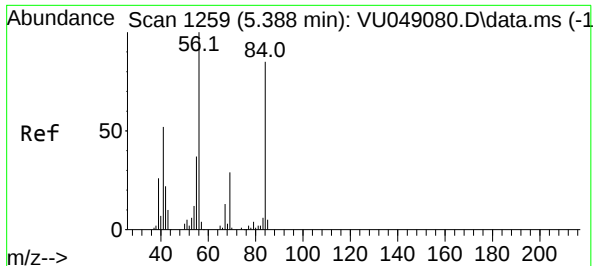
Tgt Ion: 83 Resp: 193253
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 43.285 ug/L
RT: 5.794 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 62 Resp: 155391
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.4





#29

Cyclohexane

Concen: 63.741 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050150

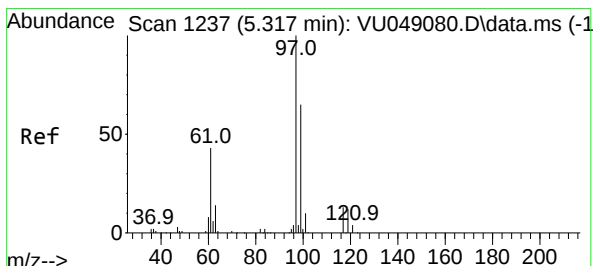
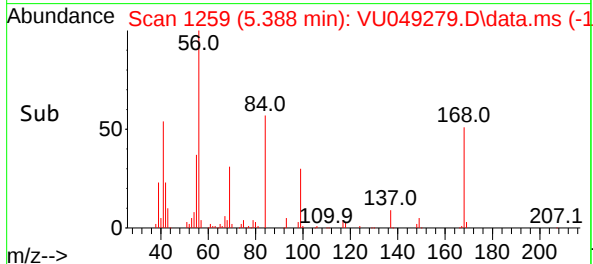
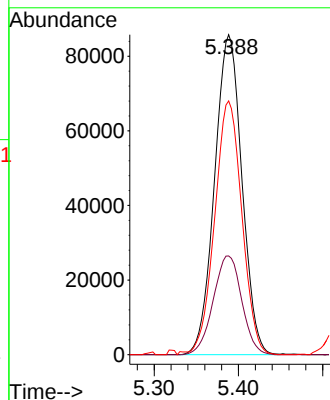
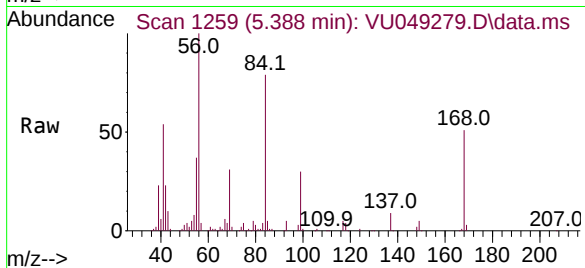
Tgt Ion: 56 Resp: 193274

Ion Ratio Lower Upper

56 100

69 32.2 24.6 36.8

84 78.8 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 43.780 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

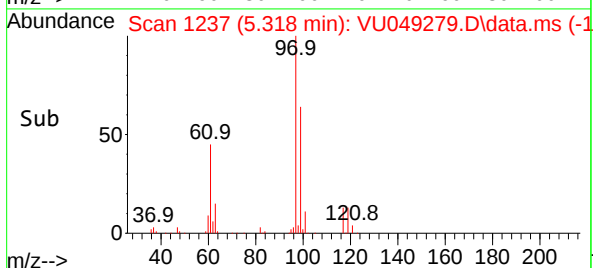
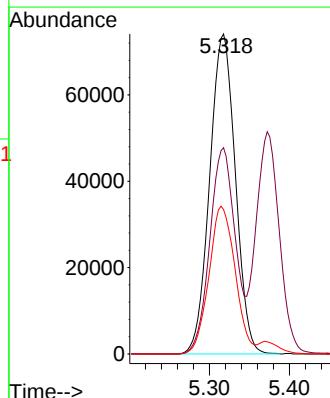
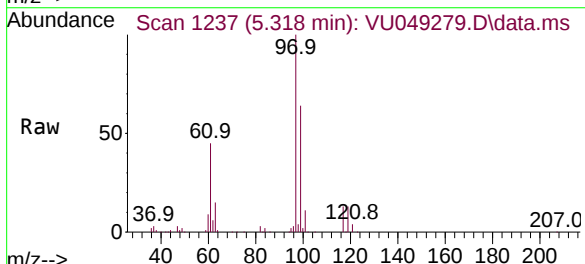
Tgt Ion: 97 Resp: 165425

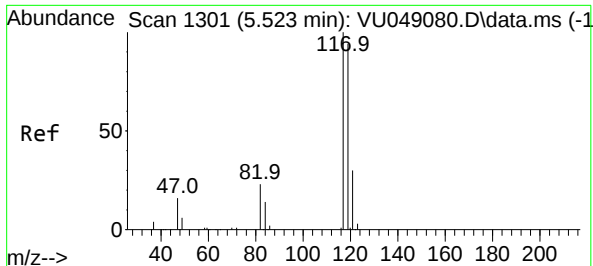
Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 47.0 34.2 51.2

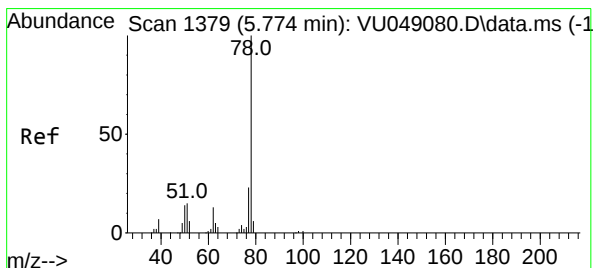
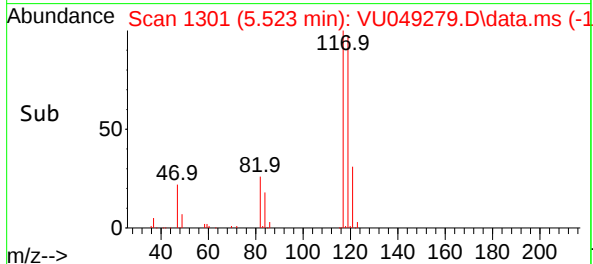
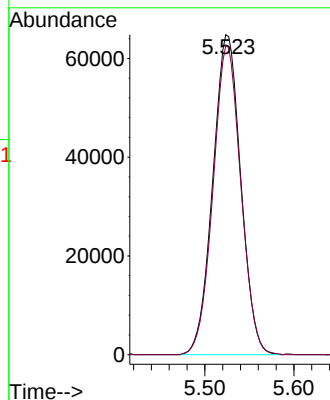
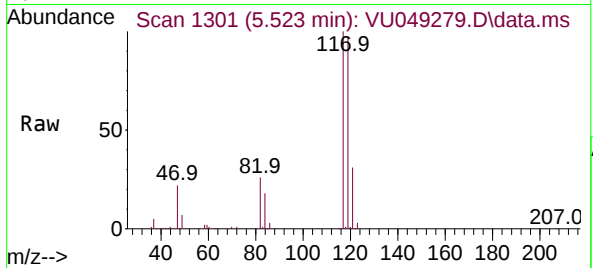




#31
Carbon tetrachloride
Concen: 42.718 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

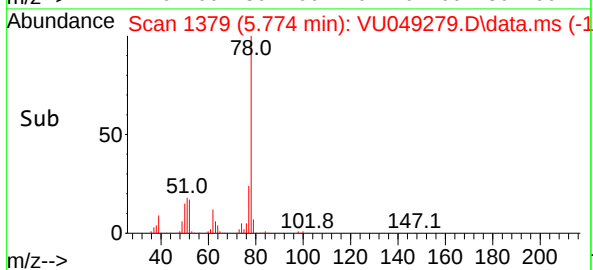
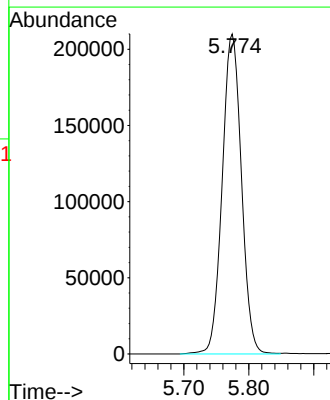
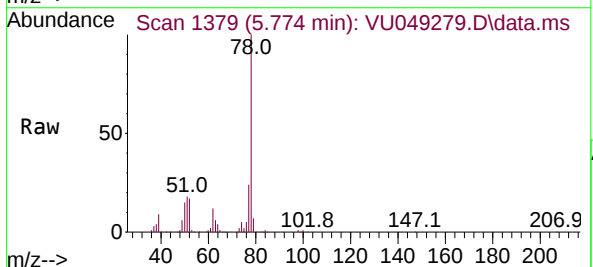
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

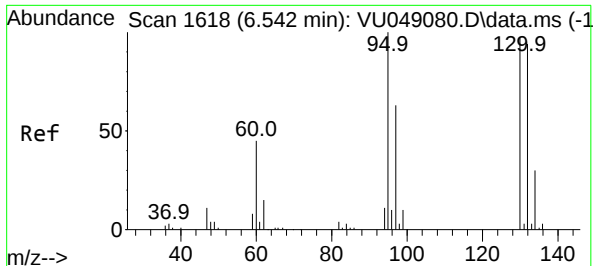
Tgt Ion:117 Resp: 141168
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7



#33
Benzene
Concen: 49.057 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 78 Resp: 430619

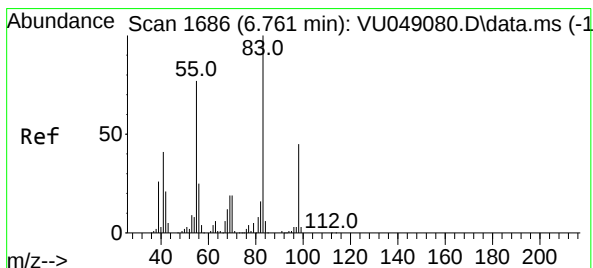
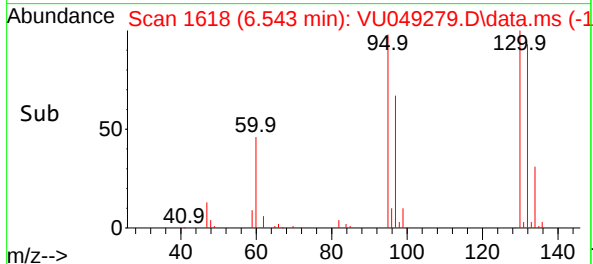
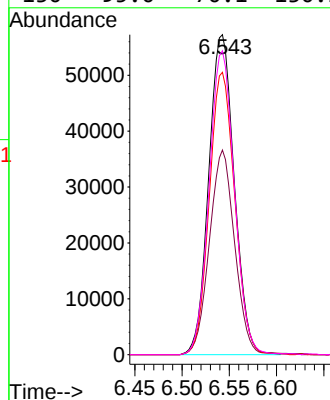
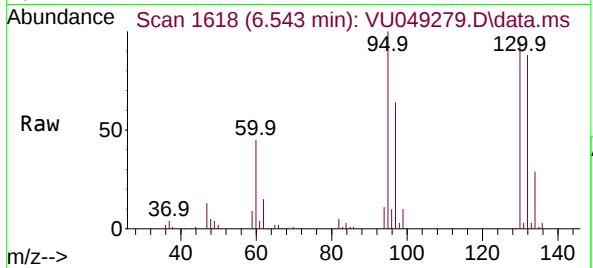




#34
Trichloroethene
Concen: 48.653 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

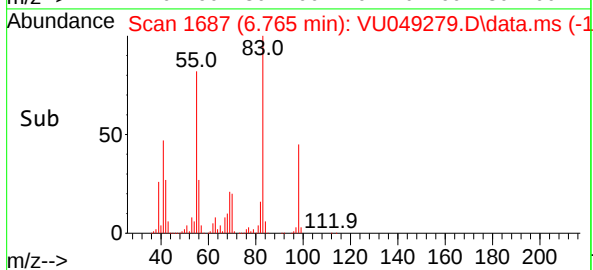
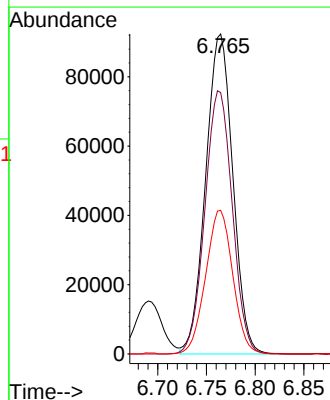
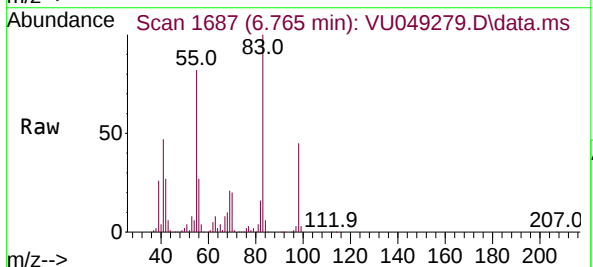
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

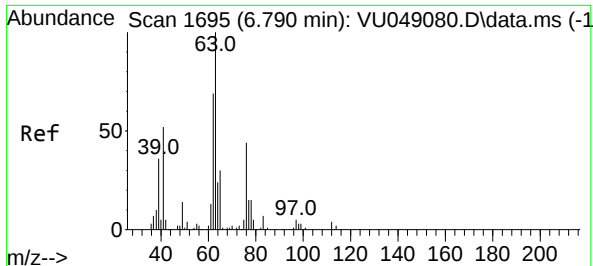
Tgt Ion: 95 Resp: 107651
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.4
132 88.2 67.6 125.6
130 95.0 70.1 130.3



#35
Methylcyclohexane
Concen: 58.100 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 83 Resp: 179440
Ion Ratio Lower Upper
83 100
55 82.8 61.0 91.6
98 44.8 36.8 55.2





#37

1,2-Dichloropropane

Concen: 48.378 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

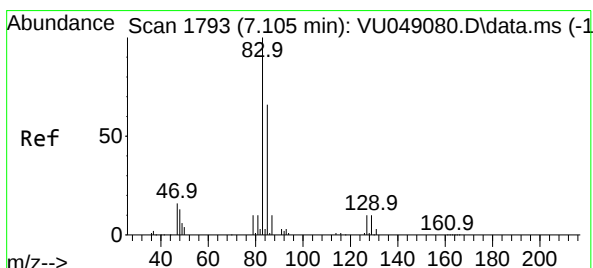
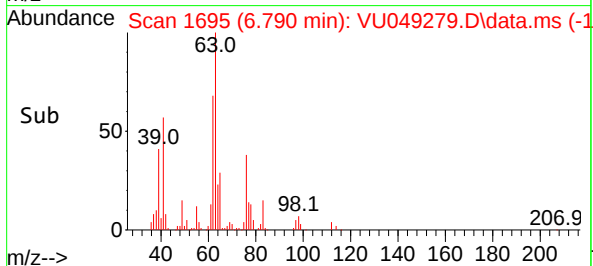
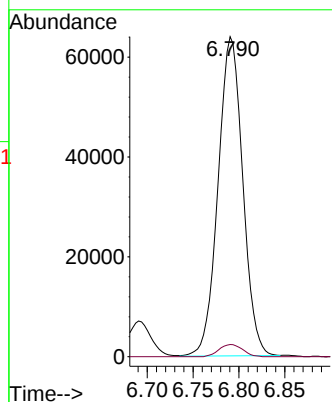
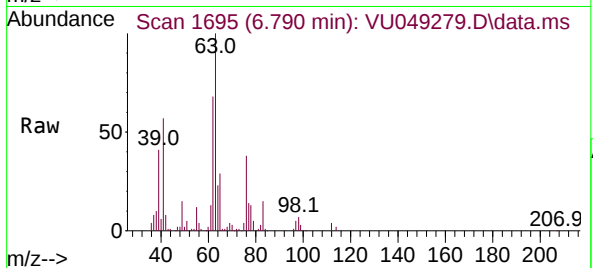
VSTD050150

Tgt Ion: 63 Resp: 119750

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 44.308 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

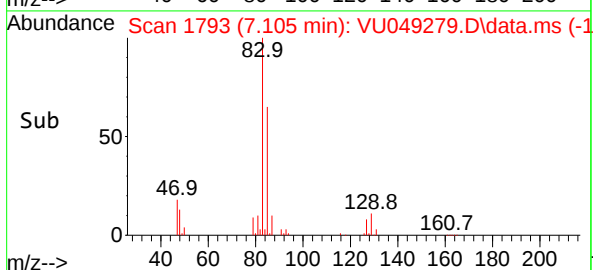
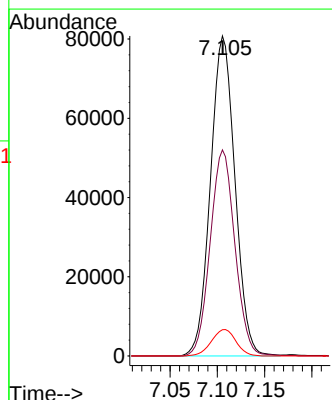
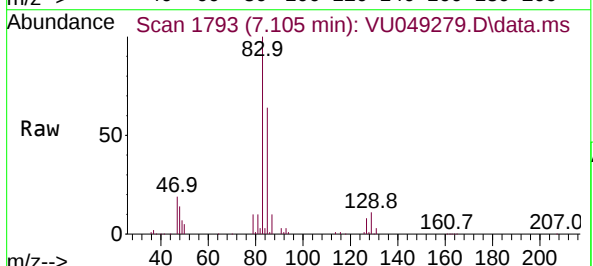
Tgt Ion: 83 Resp: 145616

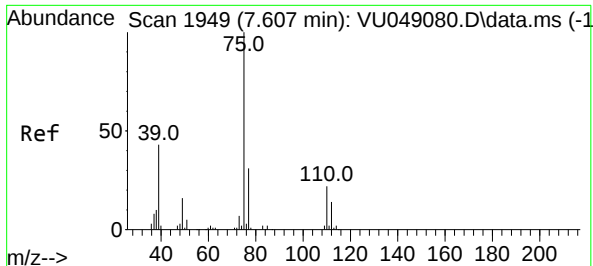
Ion Ratio Lower Upper

83 100

85 64.4 44.0 81.6

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.524 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

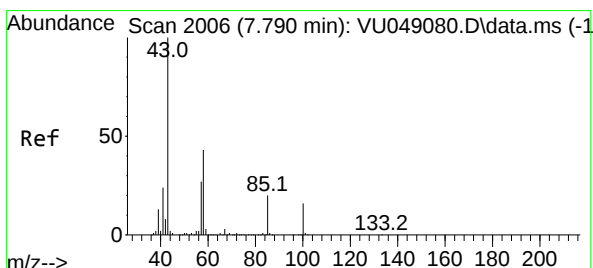
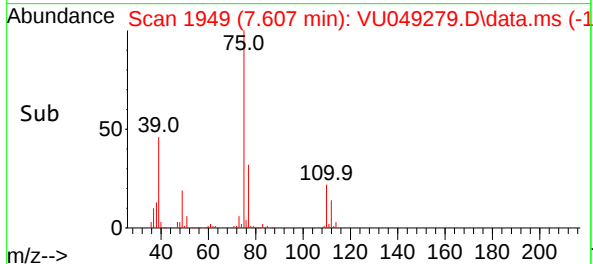
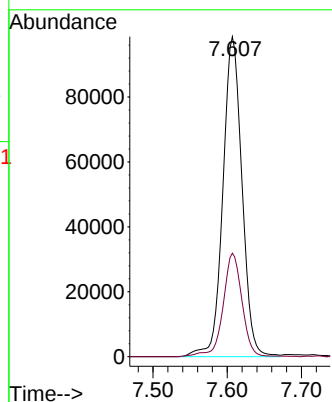
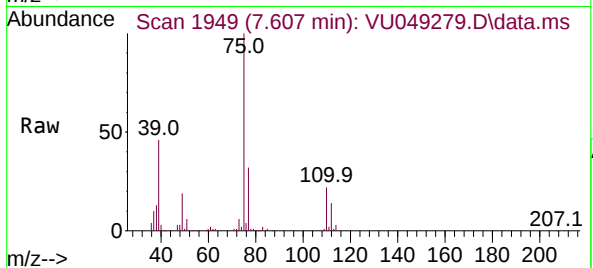
VSTD050150

Tgt Ion: 75 Resp: 176737

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 96.942 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

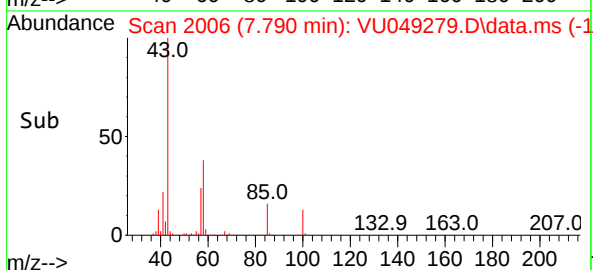
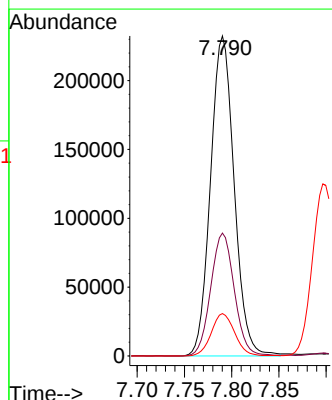
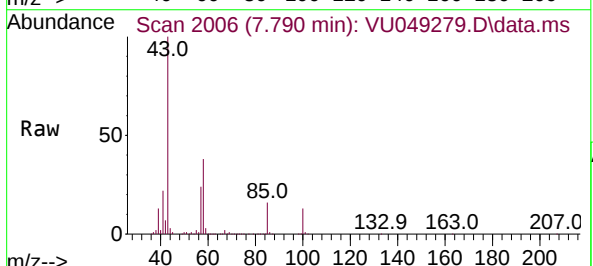
Tgt Ion: 43 Resp: 404274

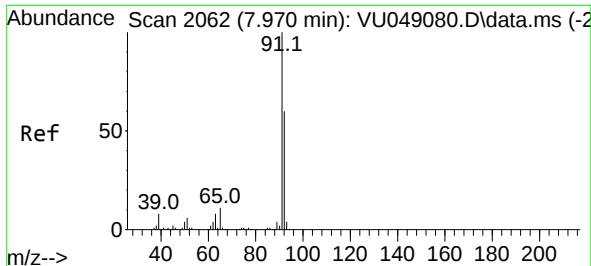
Ion Ratio Lower Upper

43 100

58 38.5 32.2 48.4

100 13.1 12.3 18.5





#42

Toluene

Concen: 48.443 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

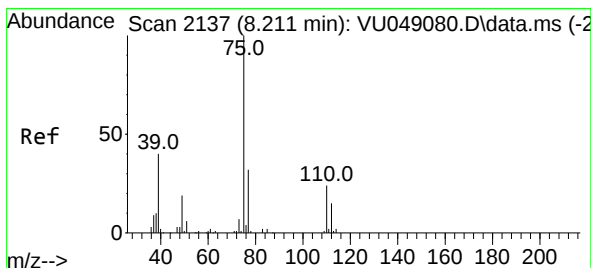
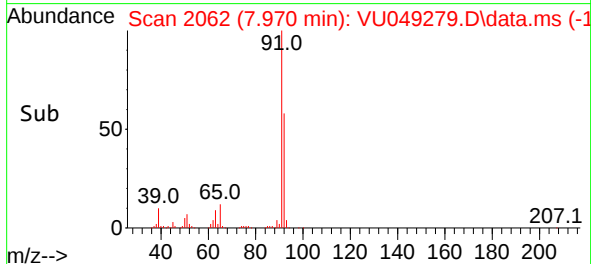
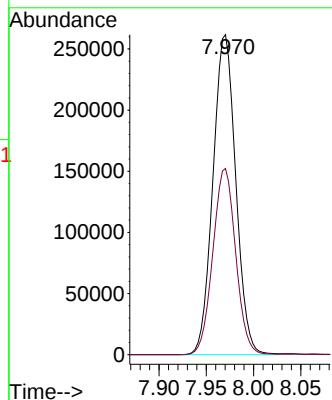
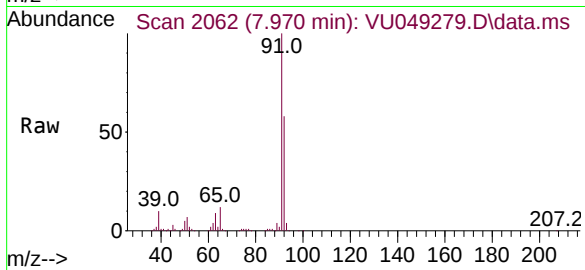
VSTD050150

Tgt Ion: 91 Resp: 439518

Ion Ratio Lower Upper

91 100

92 58.2 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 46.219 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049279.D

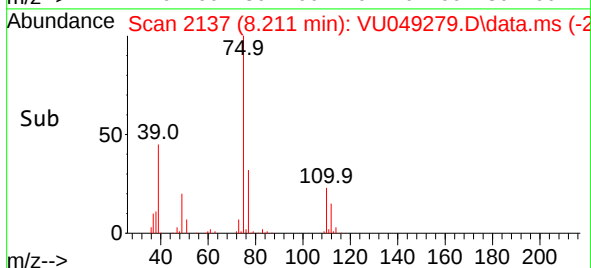
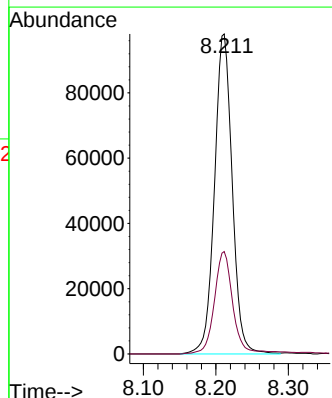
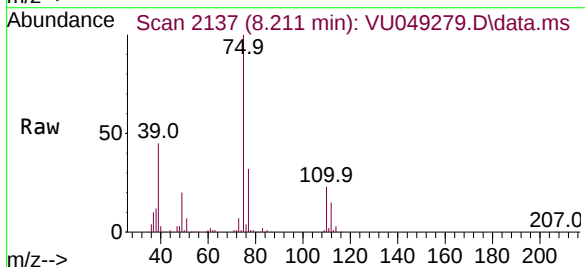
Acq: 18 Jun 2022 13:58

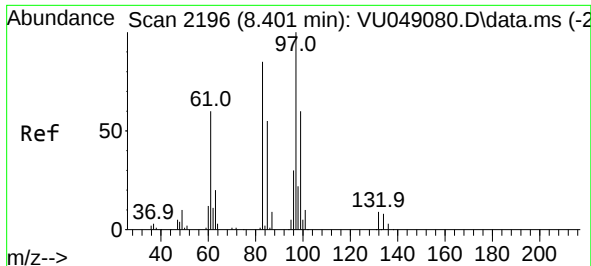
Tgt Ion: 75 Resp: 166693

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



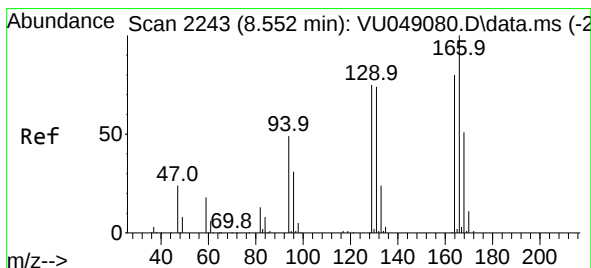
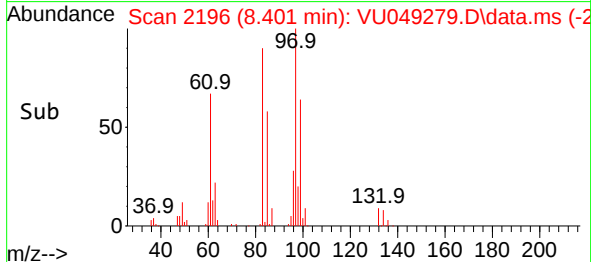
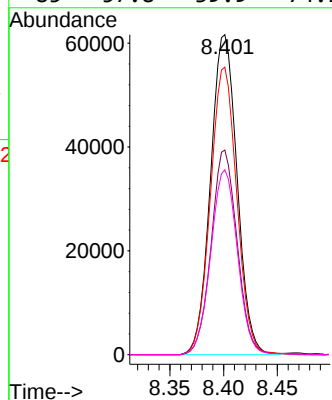
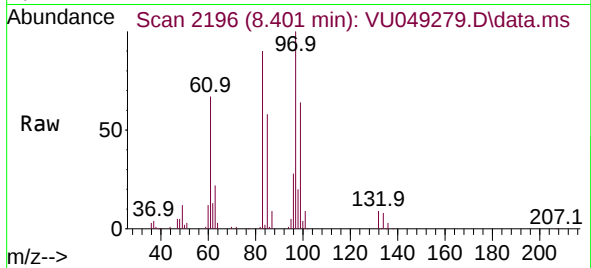


#45
1,1,2-Trichloroethane
Concen: 44.180 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

Tgt Ion: 97 Resp: 105968

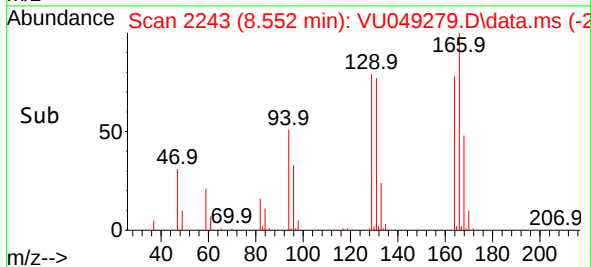
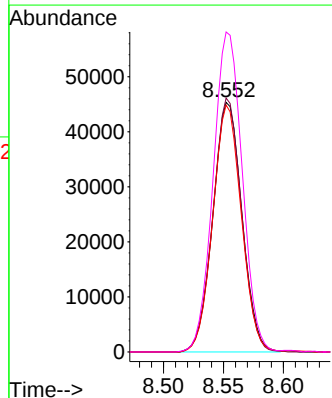
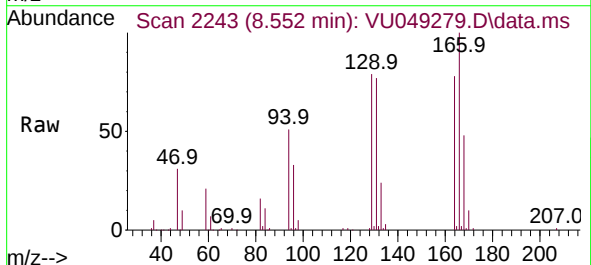
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.5	80.9
83	89.8	60.3	112.1
85	57.8	39.9	74.1

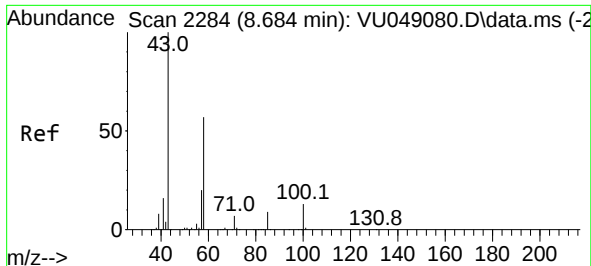


#46
Tetrachloroethene
Concen: 44.514 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 164 Resp: 76359

Ion	Ratio	Lower	Upper
164	100		
129	101.7	70.9	131.7
131	98.9	66.2	123.0
166	128.2	88.1	163.5

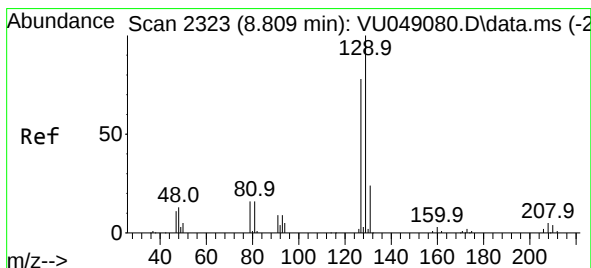
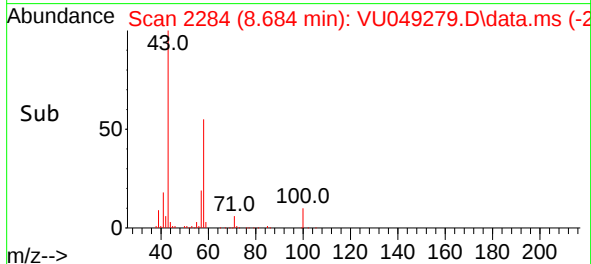
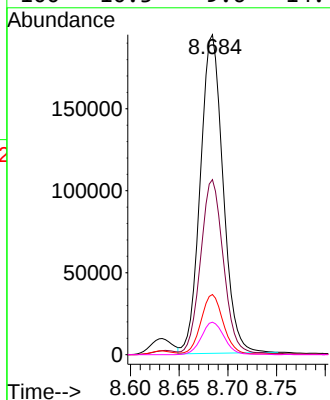
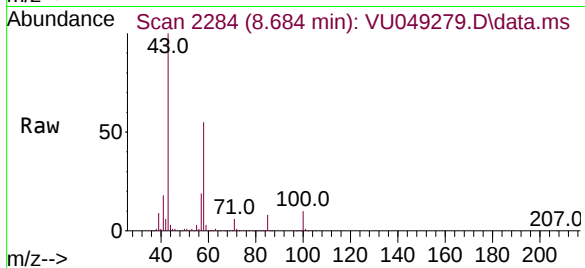




#48
2-Hexanone
Concen: 92.990 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

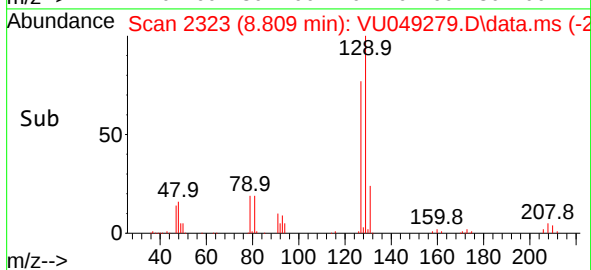
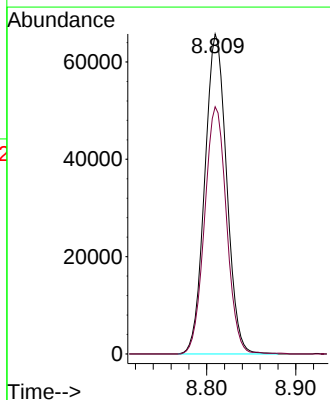
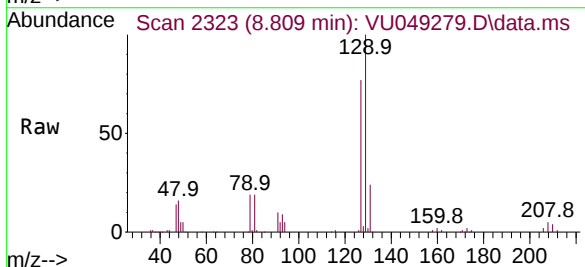
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

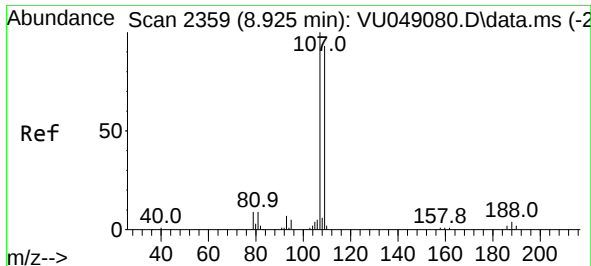
Tgt Ion:	43	Resp:	315262
Ion	Ratio	Lower	Upper
43	100		
58	54.2	45.8	68.8
57	18.3	16.2	24.4
100	10.3	9.6	14.4



#49
Dibromochloromethane
Concen: 41.877 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion:	129	Resp:	111837
Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.5	99.5

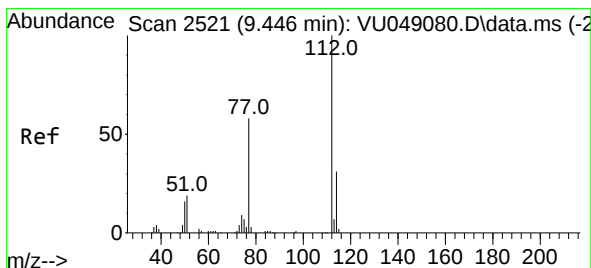
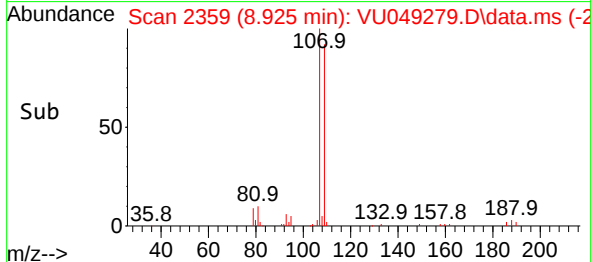
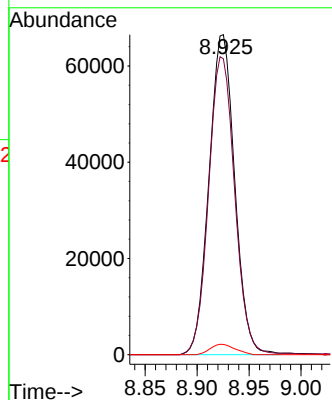
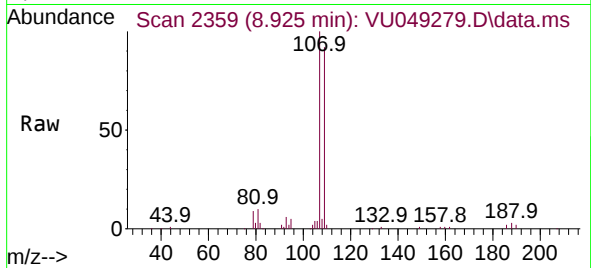




#50
1,2-Dibromoethane
Concen: 45.361 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

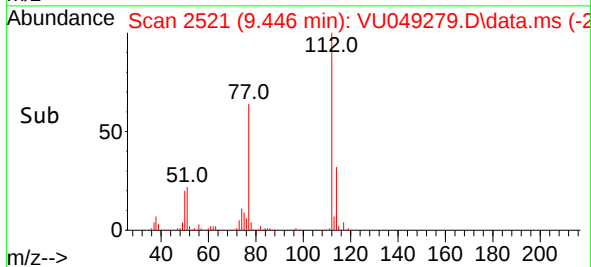
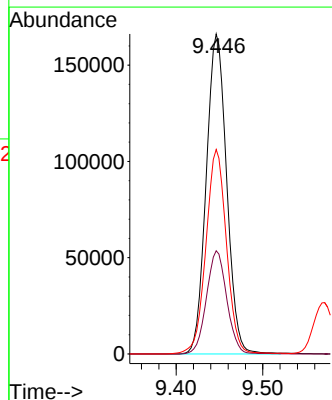
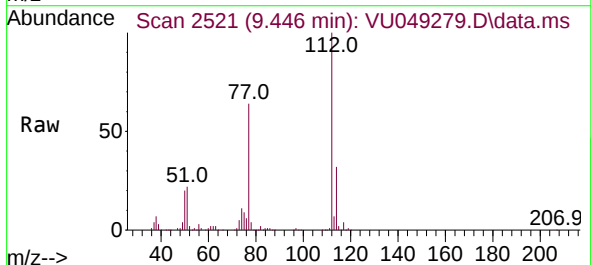
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

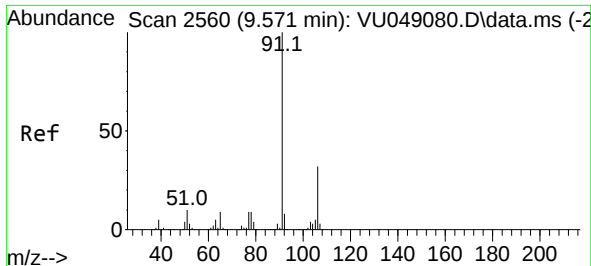
Tgt Ion:107 Resp: 114460
Ion Ratio Lower Upper
107 100
109 92.5 67.2 124.8
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 44.423 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion:112 Resp: 272447
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 63.9 47.1 70.7

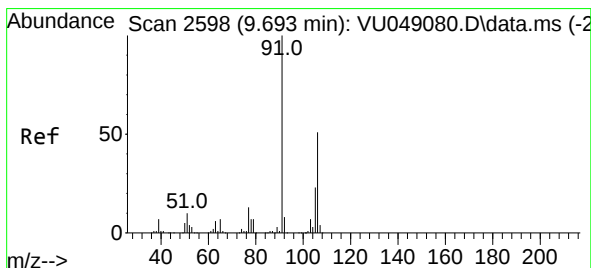
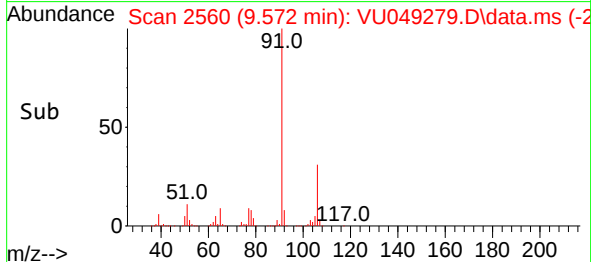
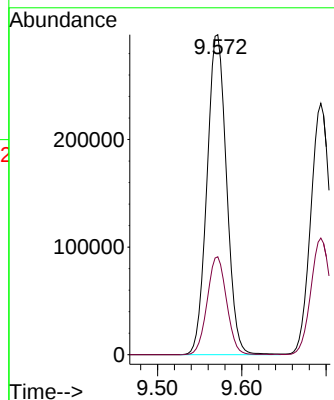
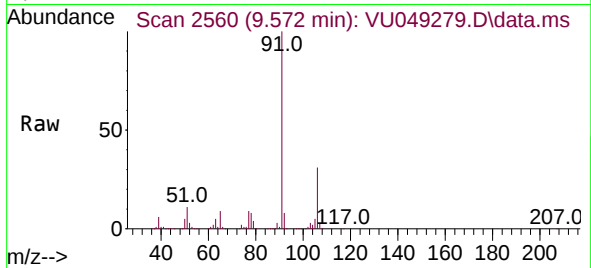




#52
Ethylbenzene
Concen: 48.713 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

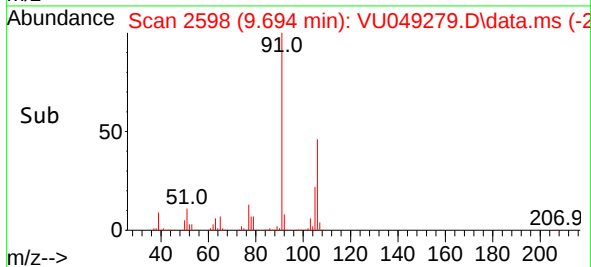
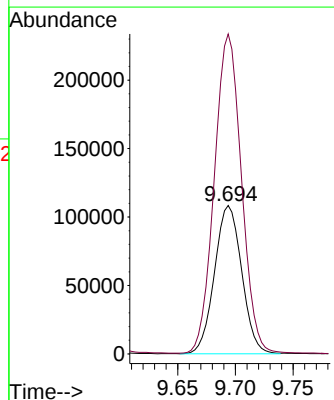
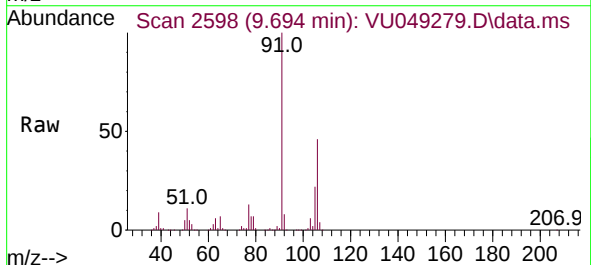
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

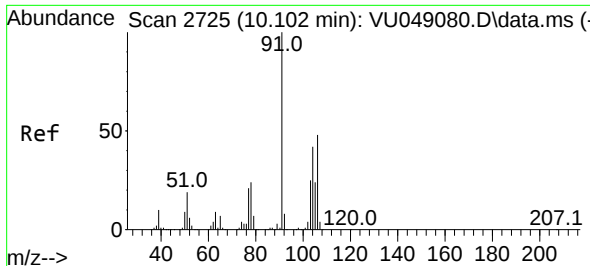
Tgt Ion: 91 Resp: 480536
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.2



#53
m,p-Xylene
Concen: 45.677 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 106 Resp: 176947
Ion Ratio Lower Upper
106 100
91 215.6 137.4 255.2

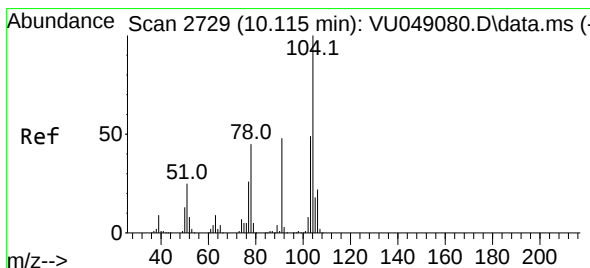
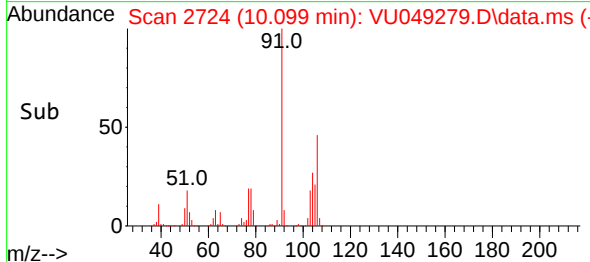
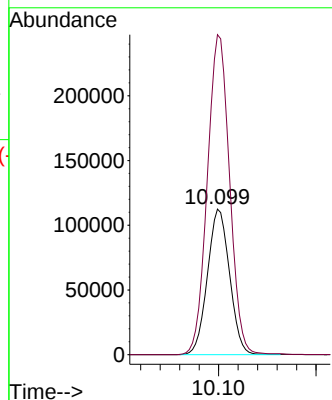
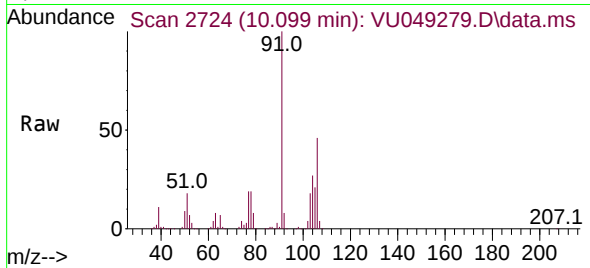




#54
o-Xylene
Concen: 45.421 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

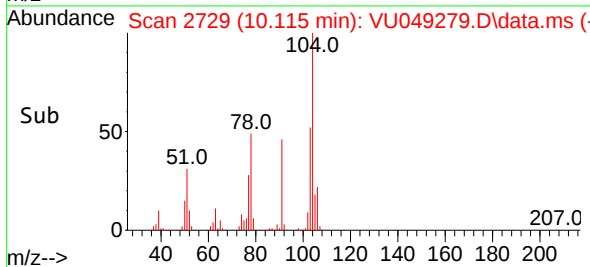
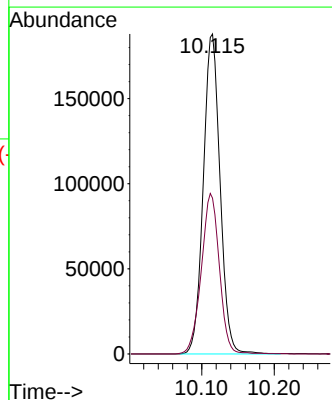
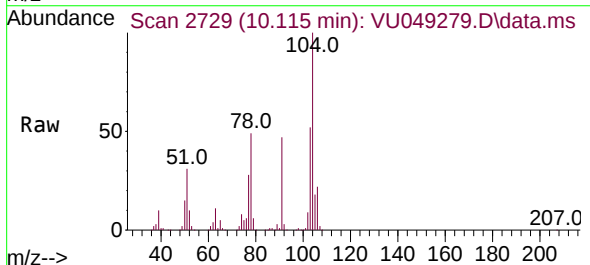
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

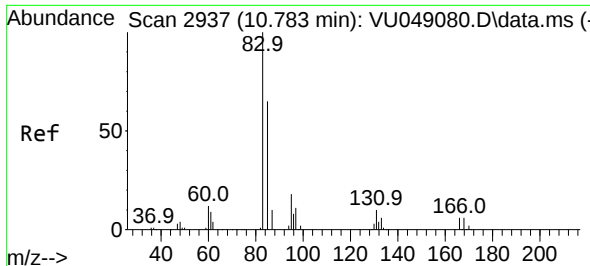
Tgt Ion:106 Resp: 177276
Ion Ratio Lower Upper
106 100
91 219.7 145.2 269.6



#55
Styrene
Concen: 46.336 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion:104 Resp: 302011
Ion Ratio Lower Upper
104 100
78 48.7 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 43.872 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050150

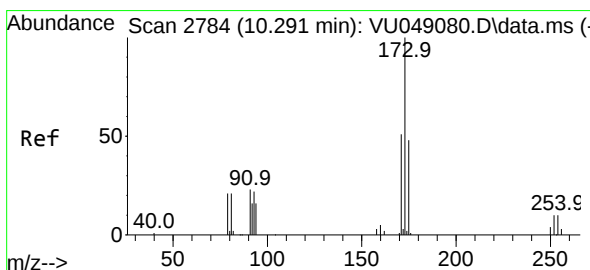
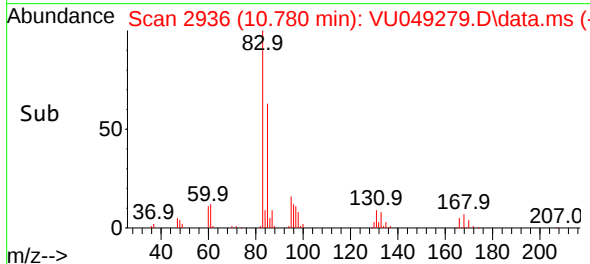
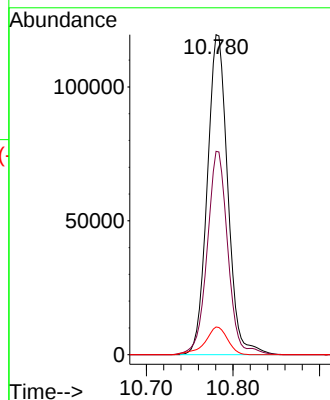
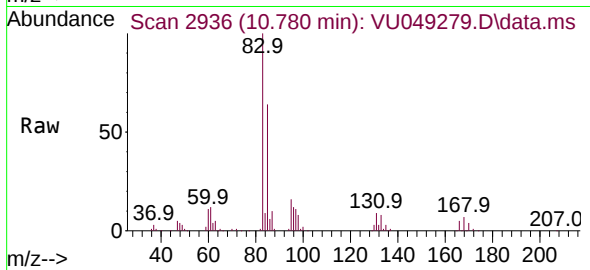
Tgt Ion: 83 Resp: 196106

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

131 8.6 7.6 11.4



#59

Bromoform

Concen: 39.757 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

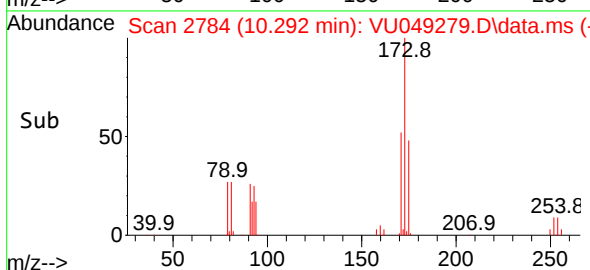
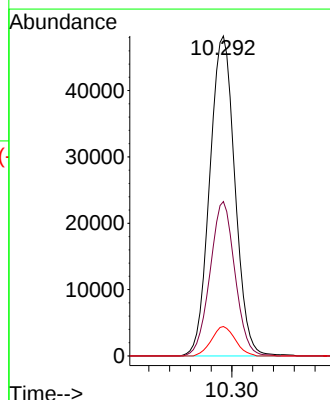
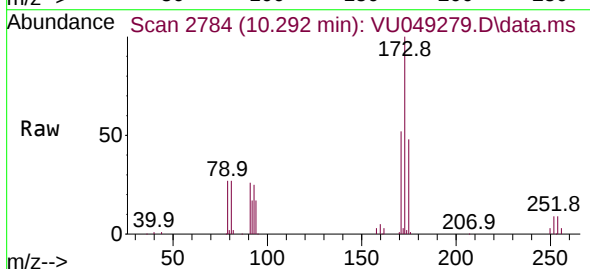
Tgt Ion:173 Resp: 80970

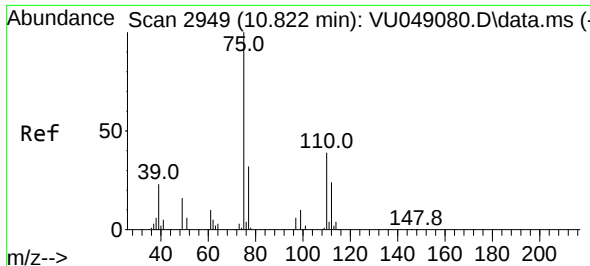
Ion Ratio Lower Upper

173 100

175 47.7 37.8 56.8

254 8.7 7.2 10.8

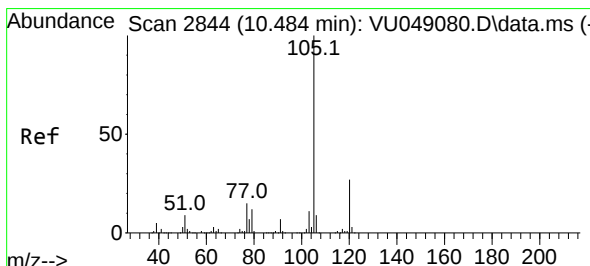
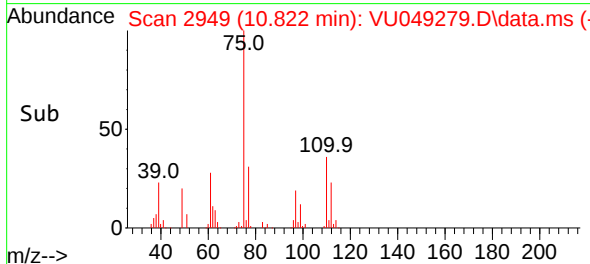
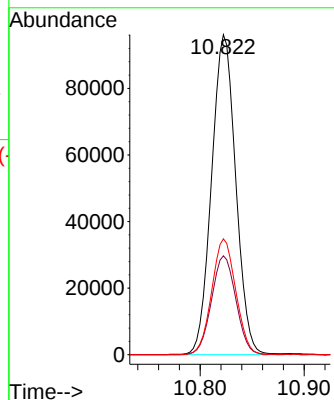
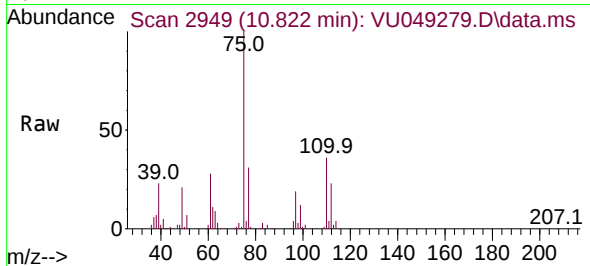




#60
1,2,3-Trichloropropane
Concen: 44.371 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

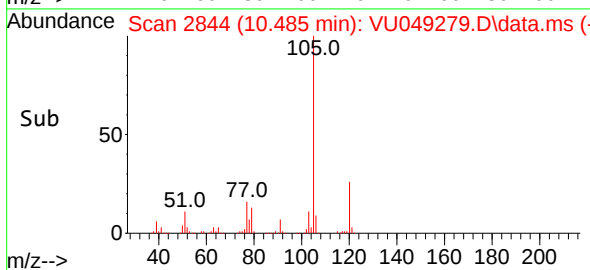
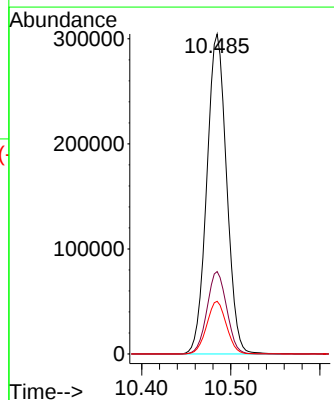
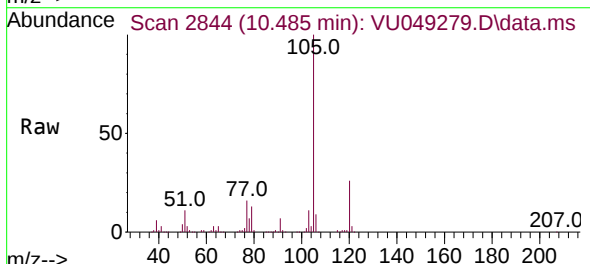
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

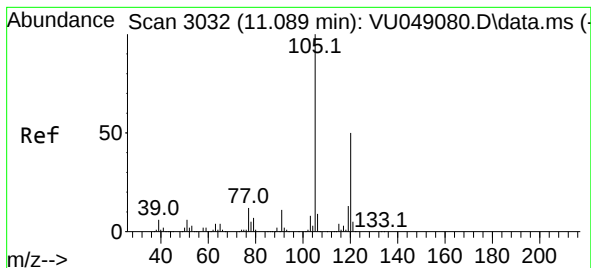
Tgt Ion: 75 Resp: 155320
Ion Ratio Lower Upper
75 100
77 31.0 26.6 40.0
110 36.0 30.2 45.4



#61
Isopropylbenzene
Concen: 50.021 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion: 105 Resp: 468895
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 16.4 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 41.822 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

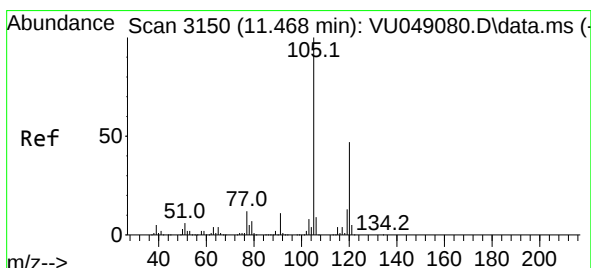
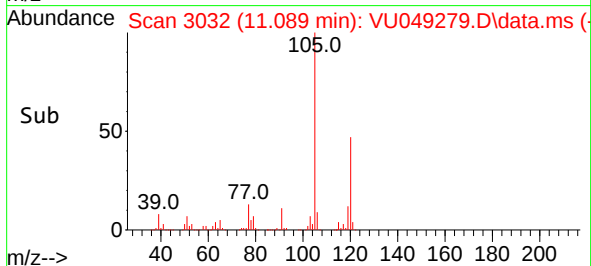
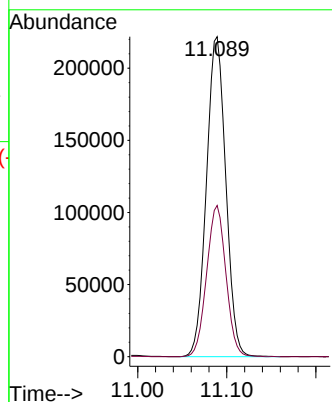
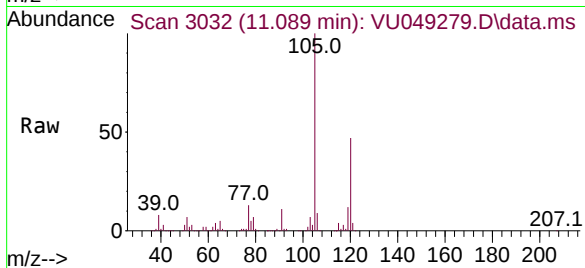
VSTD050150

Tgt Ion:105 Resp: 334700

Ion Ratio Lower Upper

105 100

120 47.0 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 64.066 ug/L

RT: 11.469 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049279.D

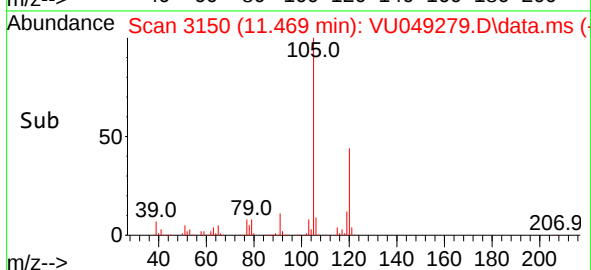
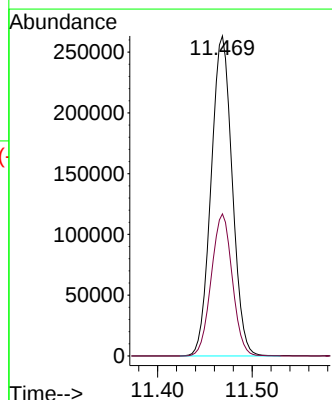
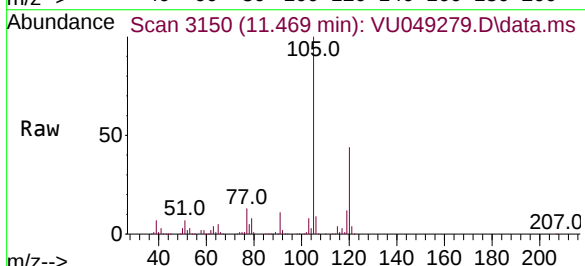
Acq: 18 Jun 2022 13:58

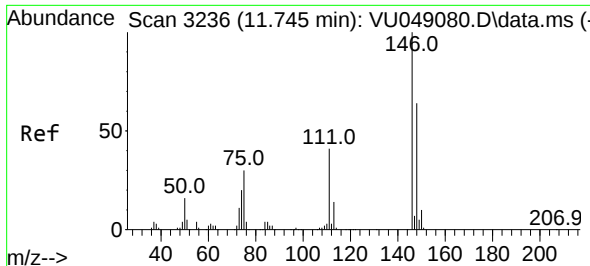
Tgt Ion:105 Resp: 408201

Ion Ratio Lower Upper

105 100

120 44.1 36.3 54.5

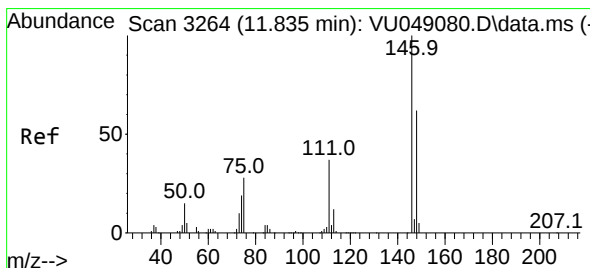
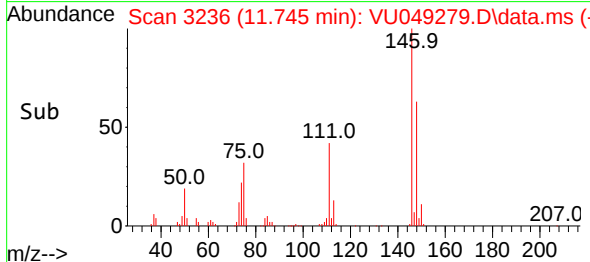
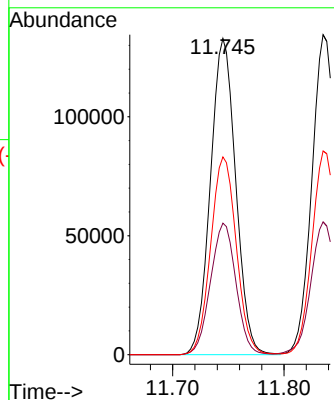
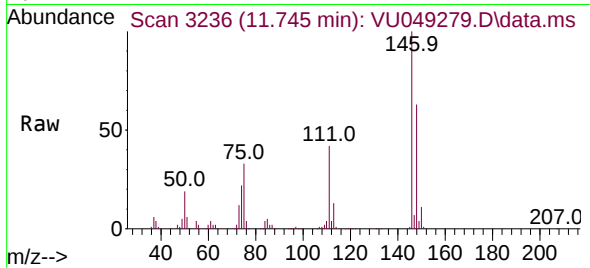




#64
1,3-Dichlorobenzene
Concen: 45.592 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

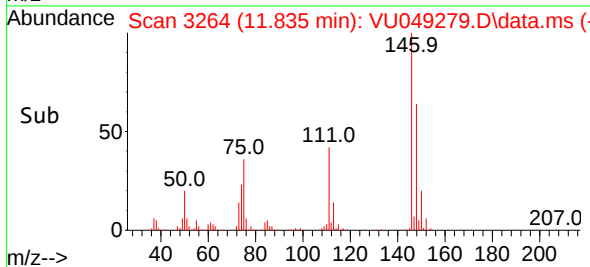
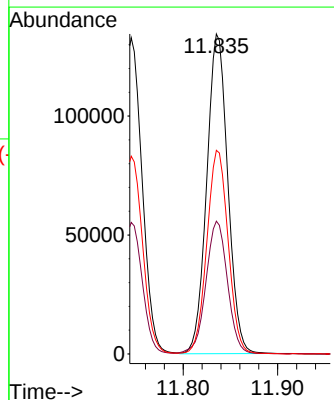
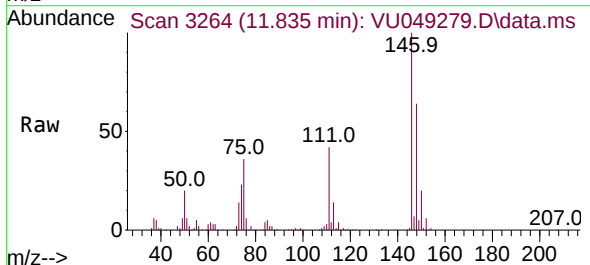
Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

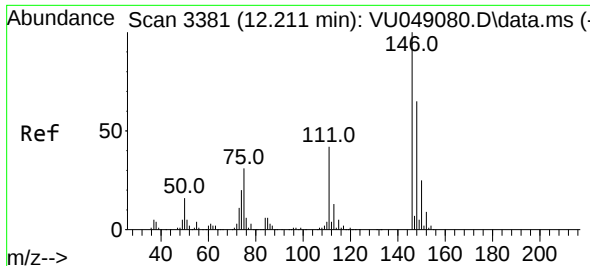
Tgt Ion:146 Resp: 209647
Ion Ratio Lower Upper
146 100
111 41.6 29.8 55.3
148 62.5 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 44.650 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion:146 Resp: 207878
Ion Ratio Lower Upper
146 100
111 41.5 28.1 52.1
148 63.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 44.262 ug/L

RT: 12.211 min Scan# 311

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050150

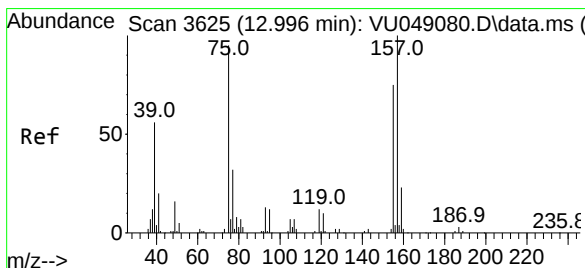
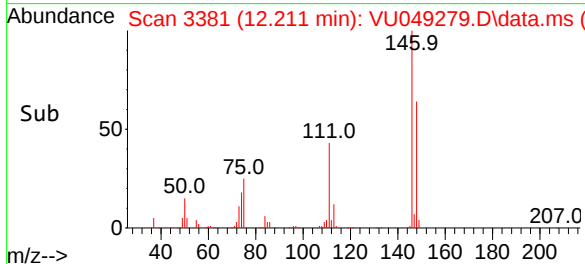
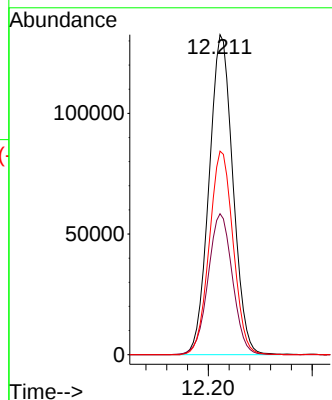
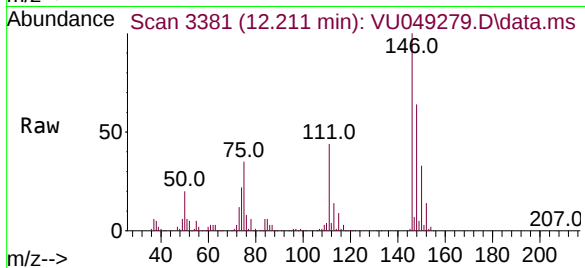
Tgt Ion:146 Resp: 211220

Ion Ratio Lower Upper

146 100

111 44.1 33.9 50.9

148 63.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 43.571 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049279.D

Acq: 18 Jun 2022 13:58

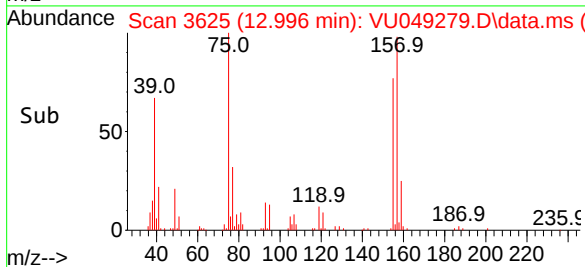
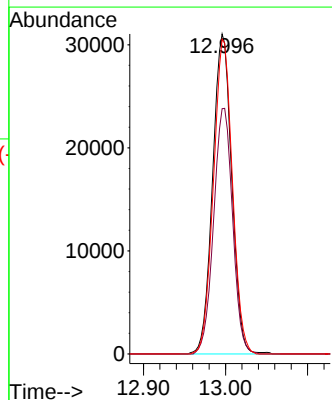
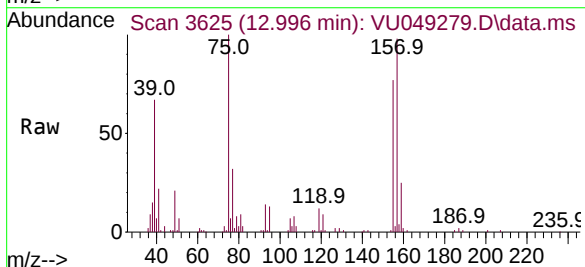
Tgt Ion: 75 Resp: 50339

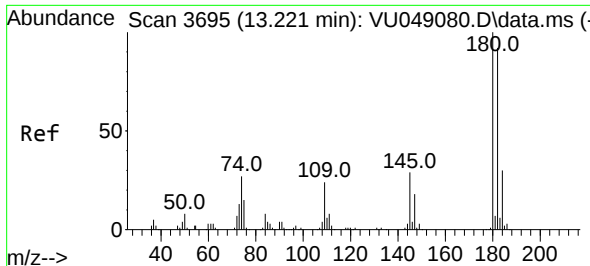
Ion Ratio Lower Upper

75 100

155 76.7 61.0 91.6

157 102.1 77.6 116.4

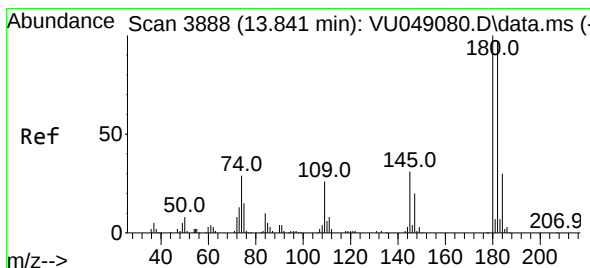
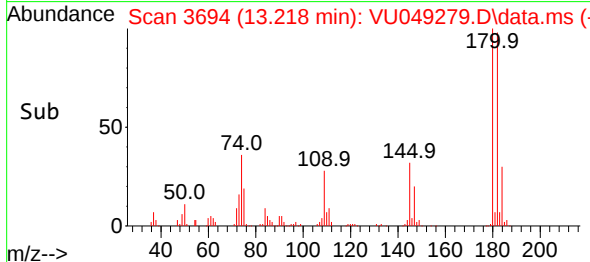
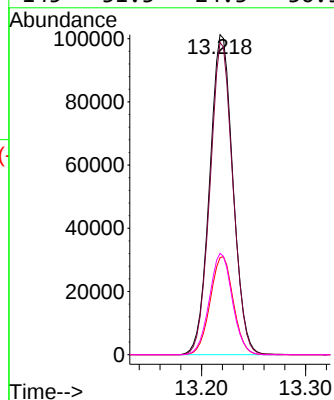
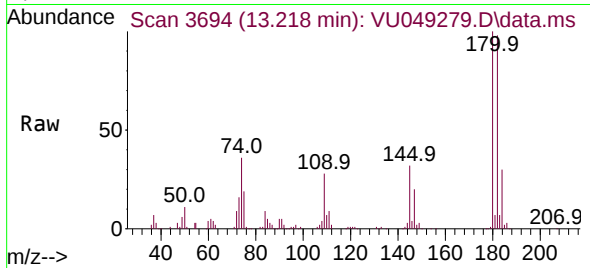




#69
 1,3,5-Trichlorobenzene
 Concen: 47.940 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU049279.D
 Acq: 18 Jun 2022 13:58

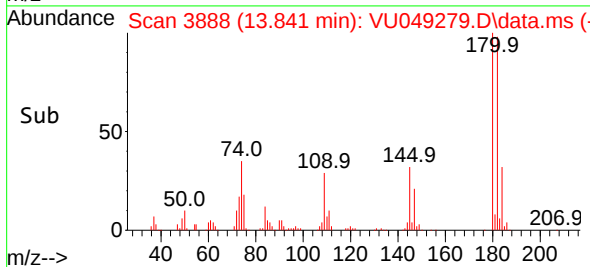
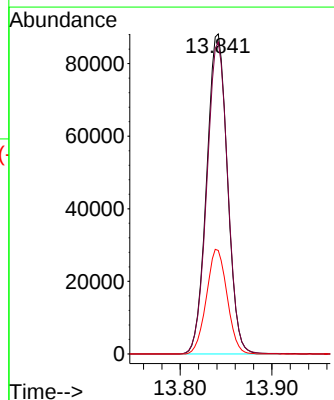
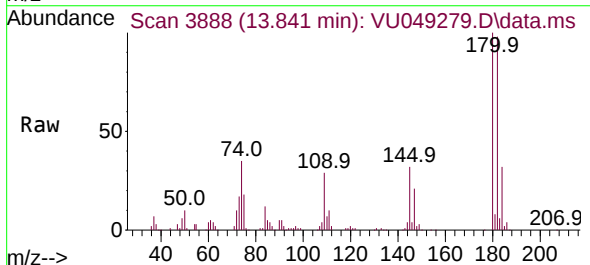
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050150

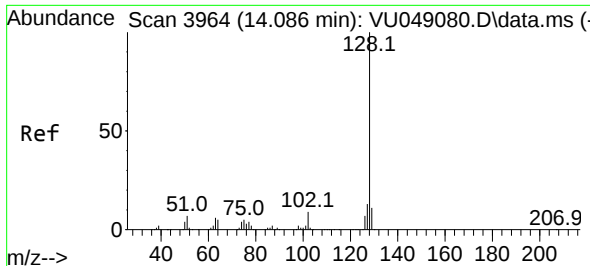
Tgt Ion:180	Resp:	157482
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.0 114.0
184	30.3	24.5 36.7
145	31.3	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 50.069 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049279.D
 Acq: 18 Jun 2022 13:58

Tgt Ion:180	Resp:	139084
Ion Ratio	Lower	Upper
180	100	
182	97.6	78.2 117.2
145	32.5	25.0 37.4

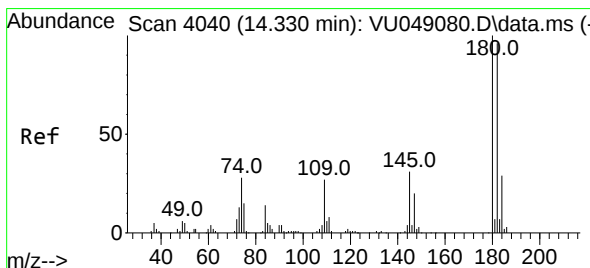
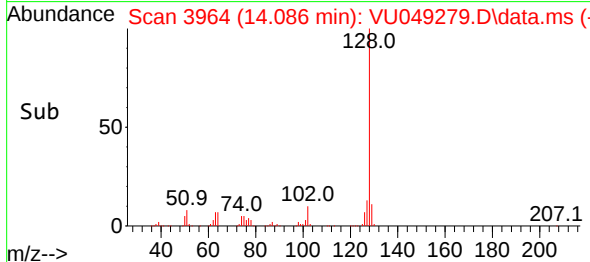
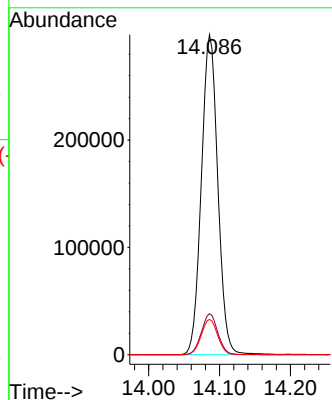
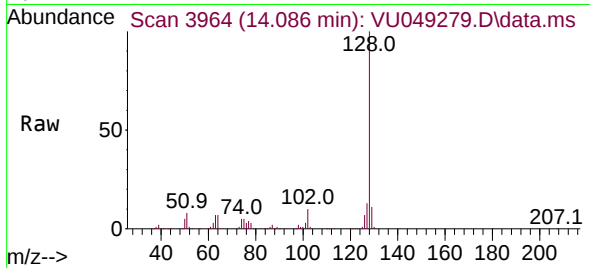




#71
Naphthalene
Concen: 48.840 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD050150

Tgt Ion:128 Resp: 479981
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 49.859 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049279.D
Acq: 18 Jun 2022 13:58

Tgt Ion:180 Resp: 146501
Ion Ratio Lower Upper
180 100
182 95.2 77.3 115.9
145 33.7 26.3 39.5

