

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047479.D
 Acq On : 11 Mar 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

Quant Time: Mar 12 01:17:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	133755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34649	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.919	69	26043	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.572	65	16108	4.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.649	46	73322	54.716	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.440%
24) Chloroform-d	5.070	84	60535	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.710	65	29642	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.732	84	121350	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.694	67	35731	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	117321	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.182	79	15336	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.639	63	69133	49.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31777	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	45880	4.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58443	5.625	ug/L	98
3) Chloromethane	1.523	50	55594	5.358	ug/L	99
5) Vinyl chloride	1.607	62	57763	5.660	ug/L	96
6) Bromomethane	1.864	94	26727	4.593	ug/L	99
8) Chloroethane	1.941	64	33439	5.395	ug/L	100
9) Trichlorofluoromethane	2.144	101	73185	5.442	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	47505	5.722	ug/L	100
12) 1,1-Dichloroethene	2.588	96	44511	5.463	ug/L	98
13) Acetone	2.665	43	81942	66.554	ug/L	93
14) Carbon disulfide	2.800	76	136052	5.440	ug/L	99
15) Methyl Acetate	2.967	43	21146	6.499	ug/L	98
16) Methylene chloride	3.054	84	50605	5.203	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	115414	5.493	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	47709	5.469	ug/L	96
19) 1,1-Dichloroethane	3.877	63	83664	5.639	ug/L	98
21) 2-Butanone	4.726	43	146597	66.118	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	52634	5.445	ug/L	97
23) Bromochloromethane	4.980	128	25612	5.546	ug/L	96
25) Chloroform	5.092	83	87808	5.466	ug/L	99

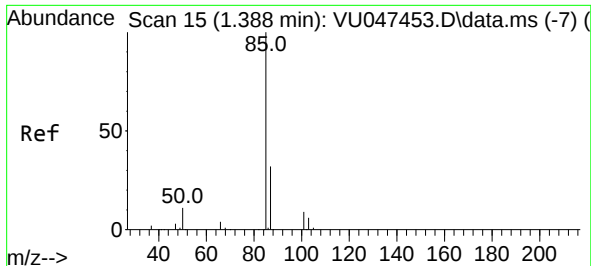
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 Data File : VU047479.D
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 ClientSampleId :
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Quant Time: Mar 12 01:17:13 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57660	5.575	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	75313	5.450	ug/L	98
30) Cyclohexane	5.395	56	71899	5.400	ug/L	99
31) Carbon tetrachloride	5.530	117	67507	5.562	ug/L	98
33) Benzene	5.777	78	196974	5.453	ug/L	100
34) Trichloroethene	6.546	95	52648	5.452	ug/L	96
35) Methylcyclohexane	6.768	83	81482	5.349	ug/L	98
37) 1,2-Dichloropropane	6.797	63	50334	5.595	ug/L	99
38) Bromodichloromethane	7.108	83	67210	5.627	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	75809	5.558	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	338878	55.257	ug/L	98
42) Toluene	7.973	91	213989	5.453	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	68689	5.584	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	40453	5.487	ug/L	97
47) Tetrachloroethene	8.555	164	44911	5.482	ug/L	96
48) 2-Hexanone	8.690	43	245554	55.188	ug/L	99
49) Dibromochloromethane	8.813	129	50670	5.657	ug/L	99
50) 1,2-Dibromoethane	8.925	107	40716	5.427	ug/L	99
51) Chlorobenzene	9.449	112	141653	5.396	ug/L	100
52) Ethylbenzene	9.571	91	229371	5.397	ug/L	99
53) m,p-Xylene	9.697	106	89470	5.366	ug/L	97
54) o-Xylene	10.102	106	86651	5.364	ug/L	98
55) Styrene	10.115	104	148632	5.443	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	54408	5.513	ug/L	98
59) Bromoform	10.295	173	32700	5.739	ug/L	100
60) Isopropylbenzene	10.485	105	229160	5.412	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	38931	5.554	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	146941	5.291	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	191178	5.307	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	121032	5.393	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	122607	5.380	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	116374	5.397	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	8584	5.432	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	100436	5.456	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	87252	5.318	ug/L	99
71) Naphthalene	14.089	128	148626	5.065	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	78831	5.240	ug/L	99

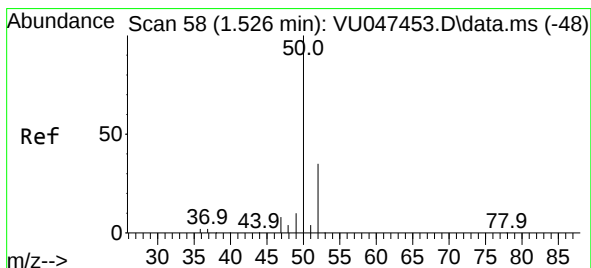
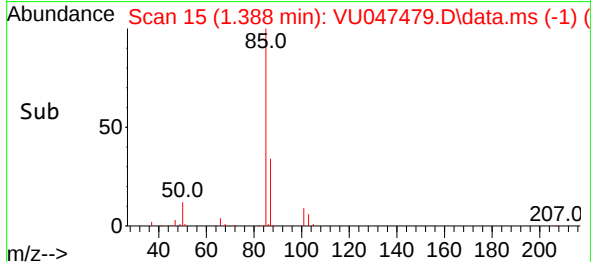
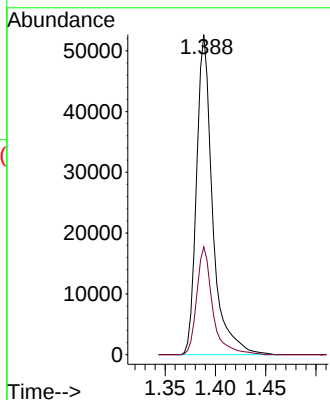
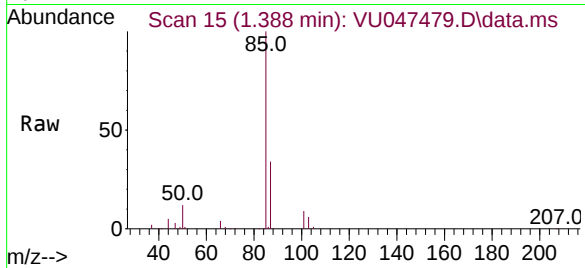
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#2
Dichlorodifluoromethane
Concen: 5.625 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

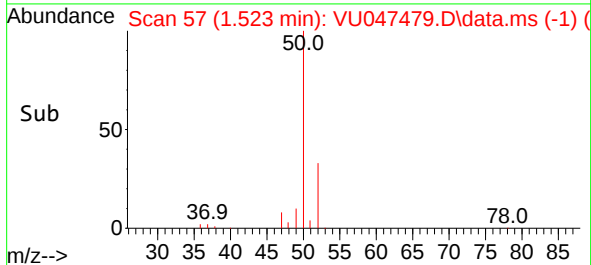
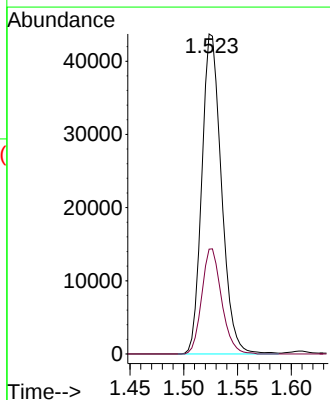
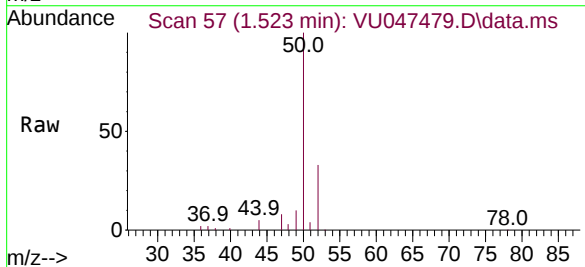
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

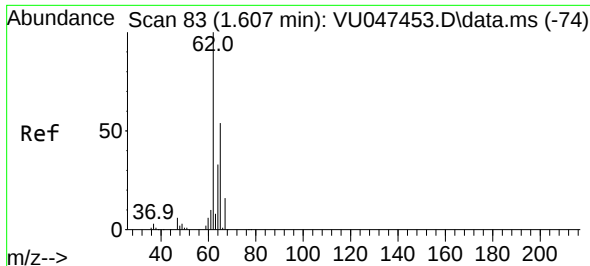
Tgt Ion: 85 Resp: 58443
Ion Ratio Lower Upper
85 100
87 33.4 25.6 38.4



#3
Chloromethane
Concen: 5.358 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 50 Resp: 55594
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

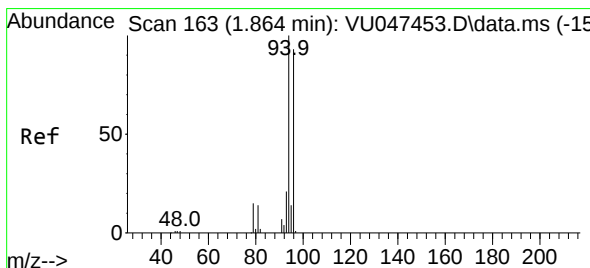
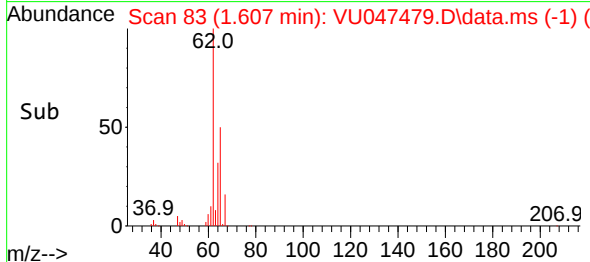
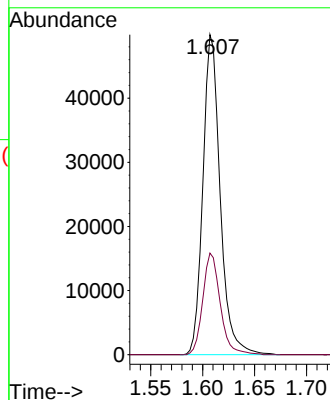
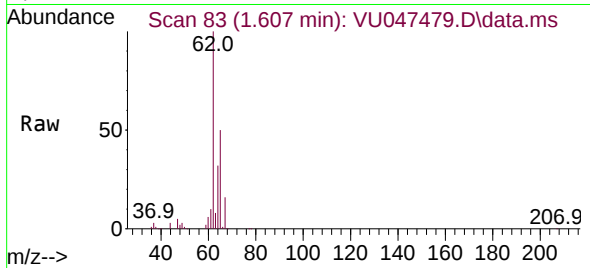




#5
 Vinyl chloride
 Concen: 5.660 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

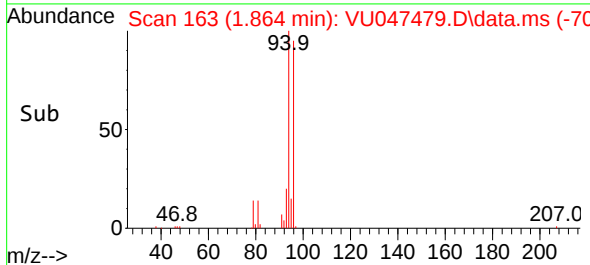
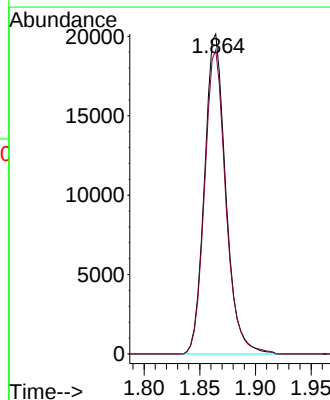
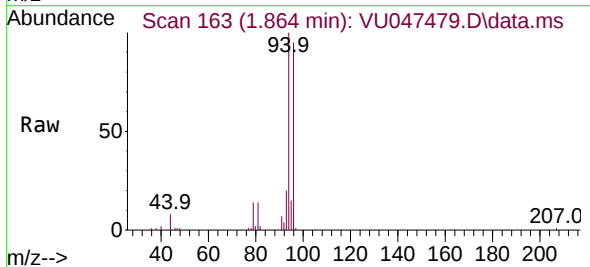
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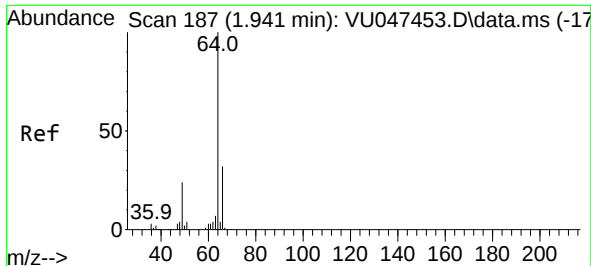
Tgt Ion: 62 Resp: 57763
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.7 43.9



#6
 Bromomethane
 Concen: 4.593 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

Tgt Ion: 94 Resp: 26727
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.6 121.8

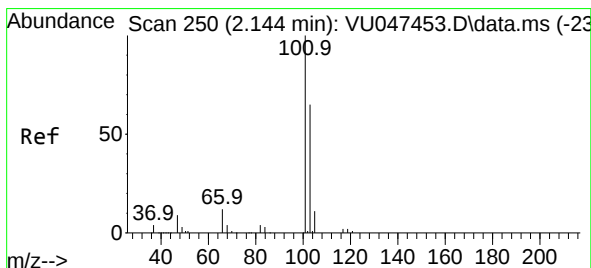
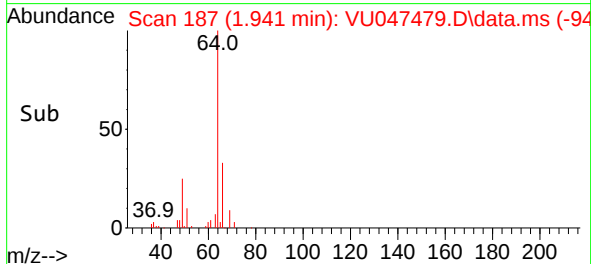
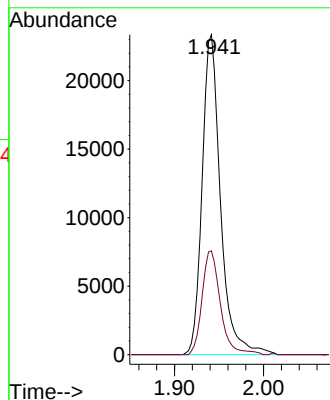
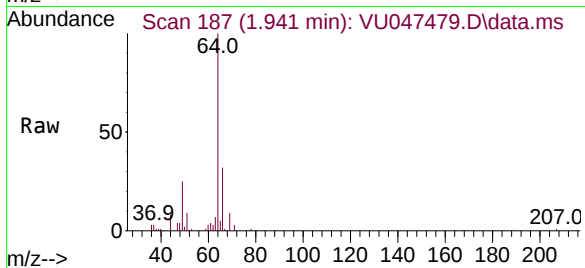




#8
Chloroethane
Concen: 5.395 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

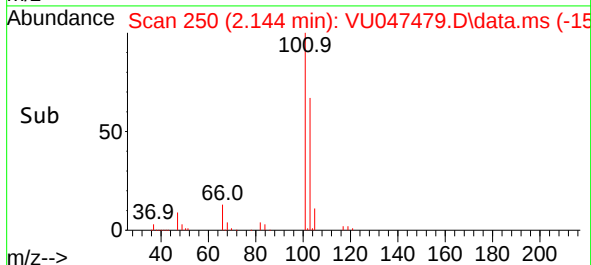
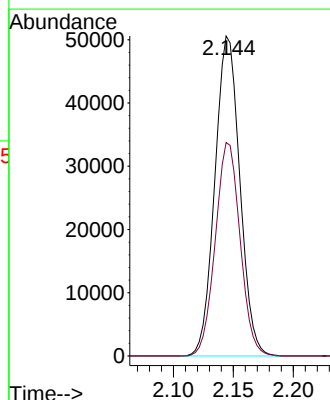
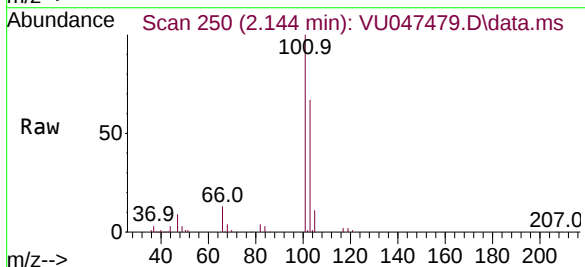
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ClientSampleId :
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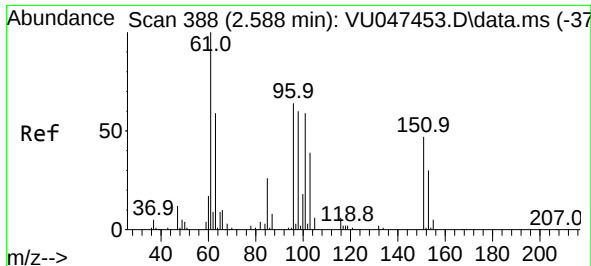
Tgt Ion: 64 Resp: 33439
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.442 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 101 Resp: 73185
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.8

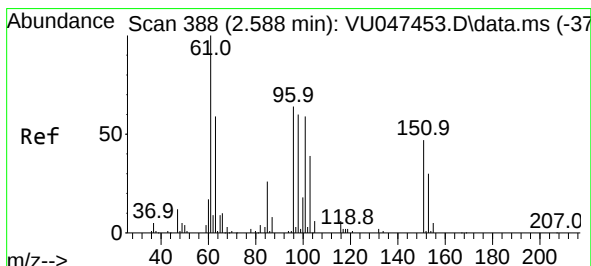
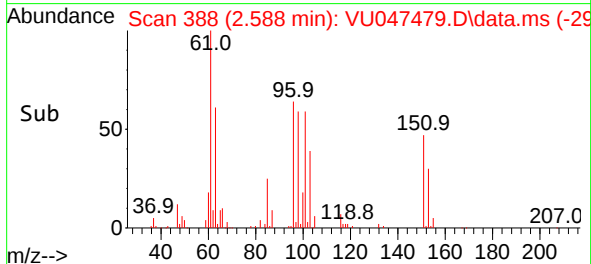
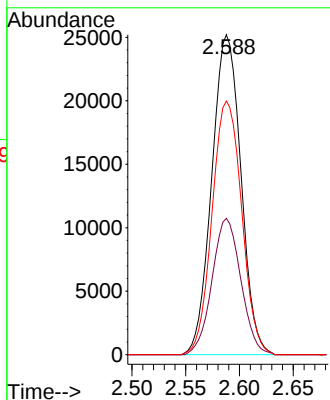
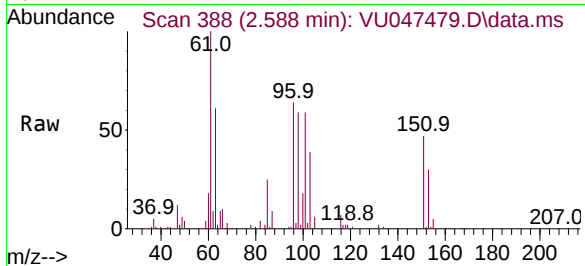




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.722 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

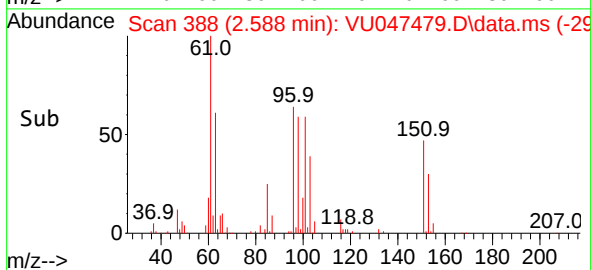
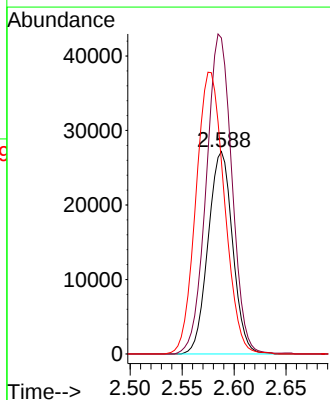
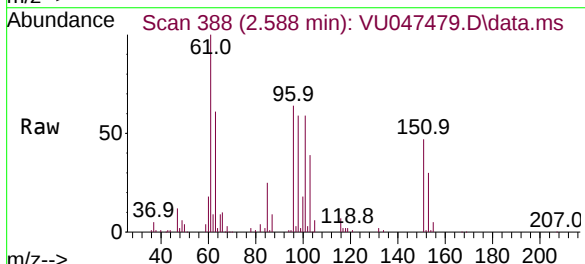
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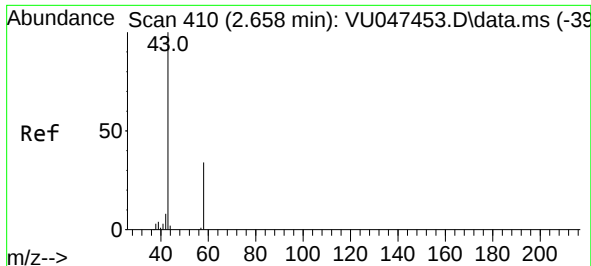
Tgt Ion:101 Resp: 47505
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.6
 151 80.5 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.463 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

Tgt Ion: 96 Resp: 44511
 Ion Ratio Lower Upper
 96 100
 61 156.2 108.8 202.0
 63 95.1 64.0 119.0





#13

Acetone

Concen: 66.554 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.007 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

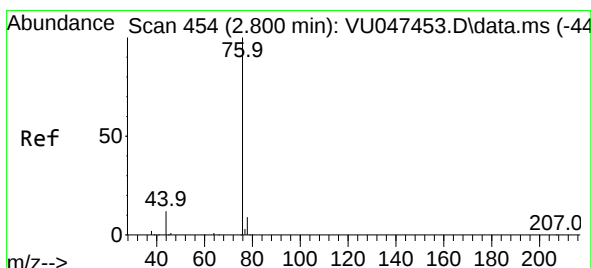
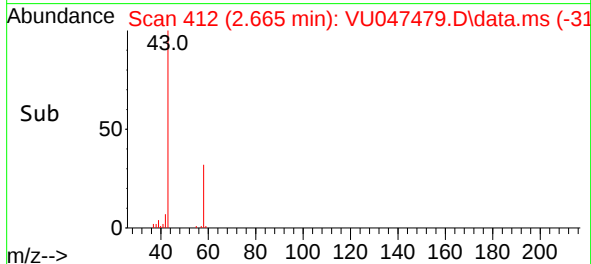
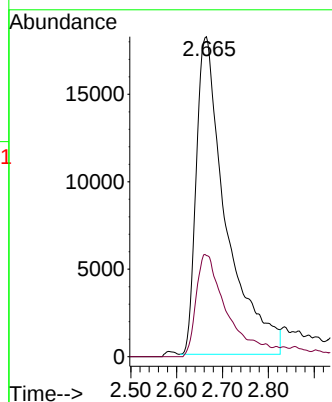
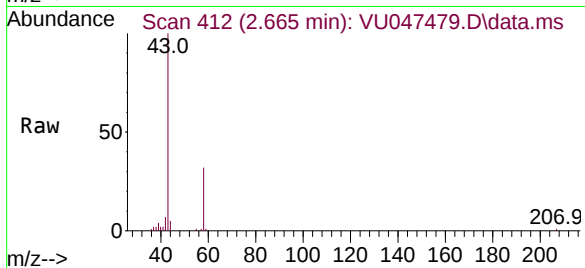
VSTD005096

Tgt Ion: 43 Resp: 81942

Ion Ratio Lower Upper

43 100

58 32.1 0.0 72.6



#14

Carbon disulfide

Concen: 5.440 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047479.D

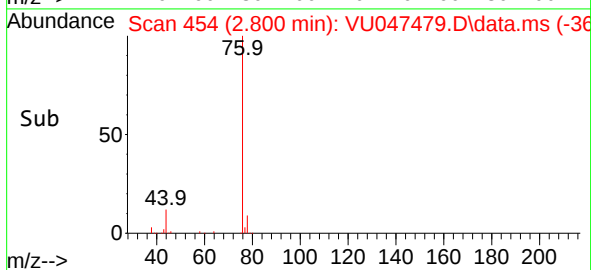
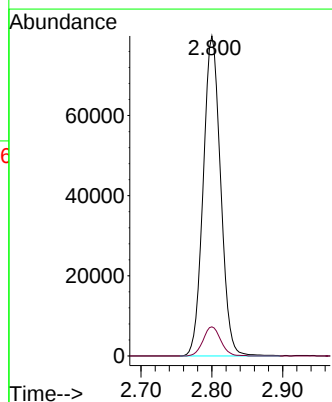
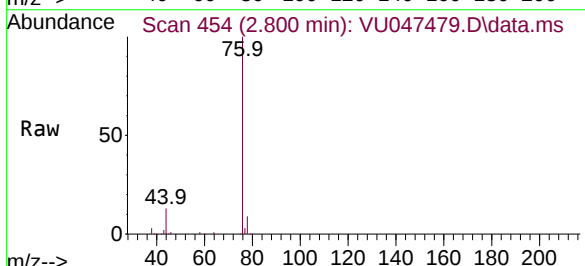
Acq: 11 Mar 2022 09:24

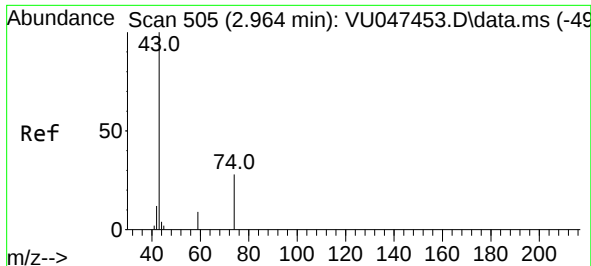
Tgt Ion: 76 Resp: 136052

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

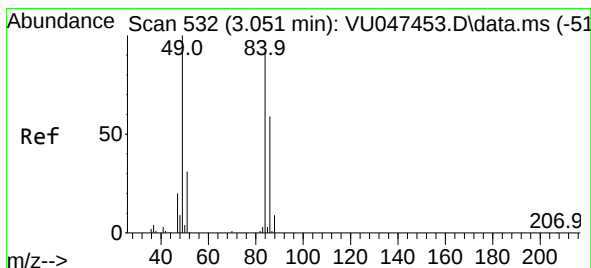
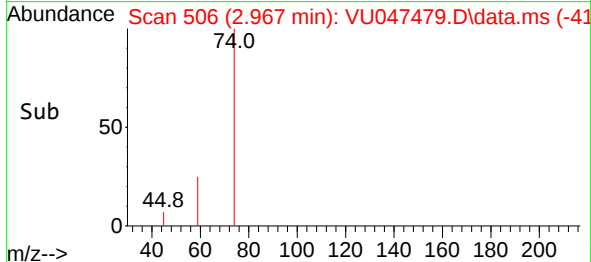
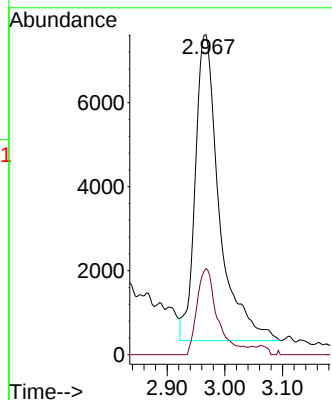
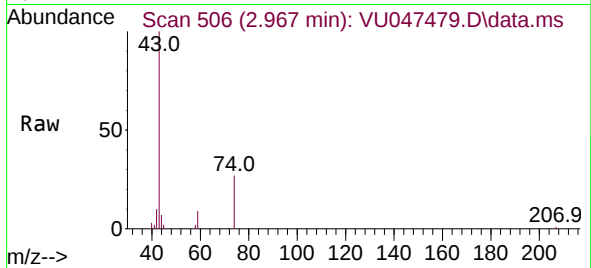




#15
Methyl Acetate
Concen: 6.499 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

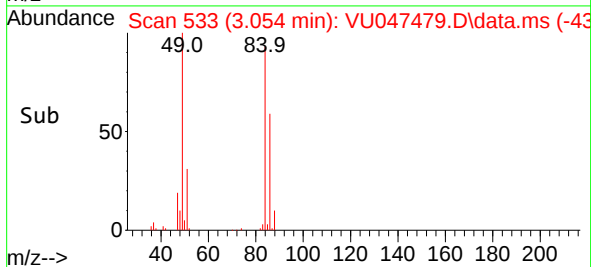
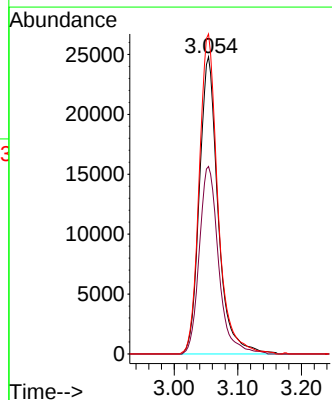
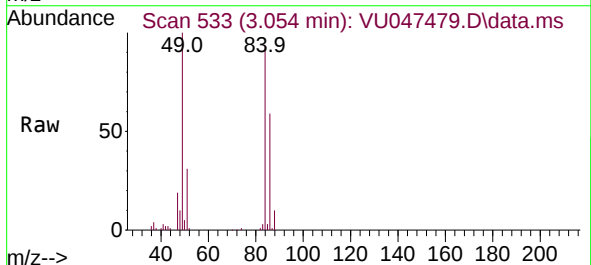
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

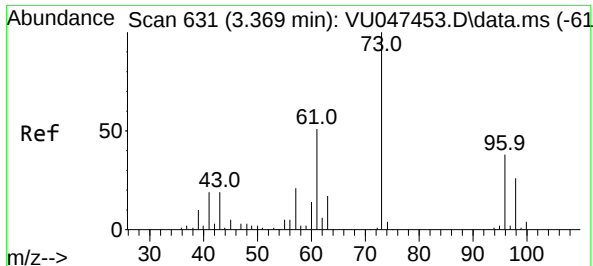
Tgt Ion: 43 Resp: 21146
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.2



#16
Methylene chloride
Concen: 5.203 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 84 Resp: 50605
Ion Ratio Lower Upper
84 100
86 63.1 45.9 85.3
49 107.7 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.493 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

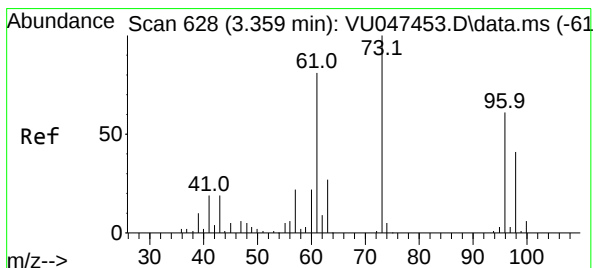
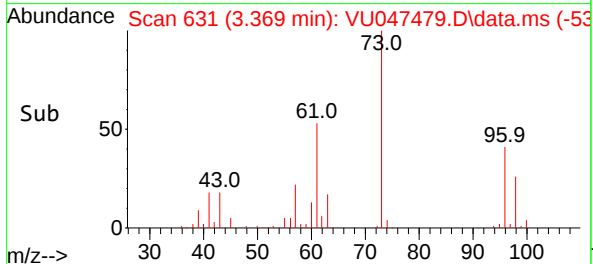
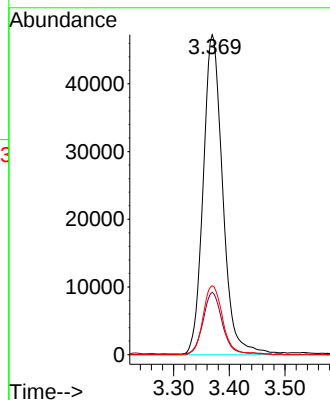
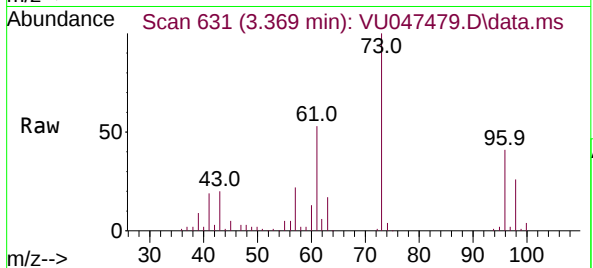
Tgt Ion: 73 Resp: 115414

Ion Ratio Lower Upper

73 100

43 18.5 14.6 22.0

57 21.8 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.469 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

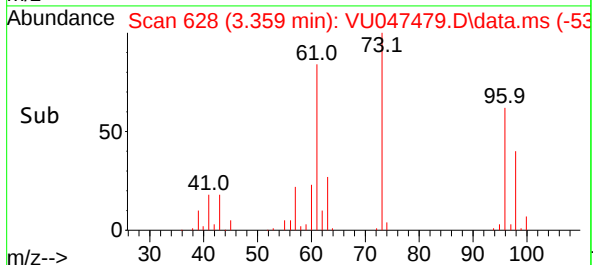
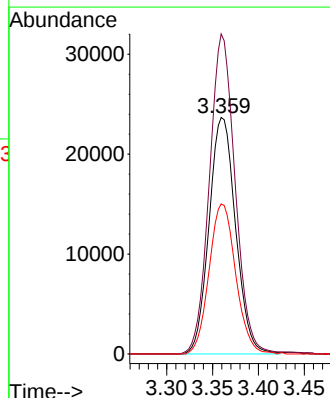
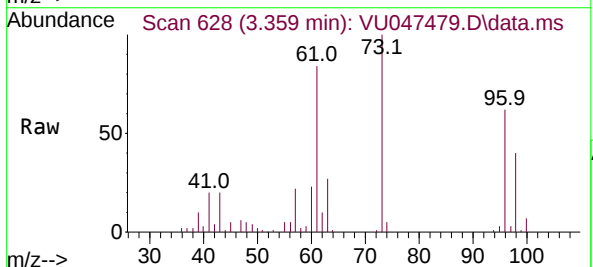
Tgt Ion: 96 Resp: 47709

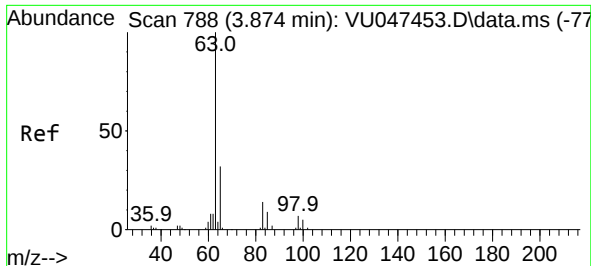
Ion Ratio Lower Upper

96 100

61 135.3 90.4 167.8

98 63.5 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.639 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

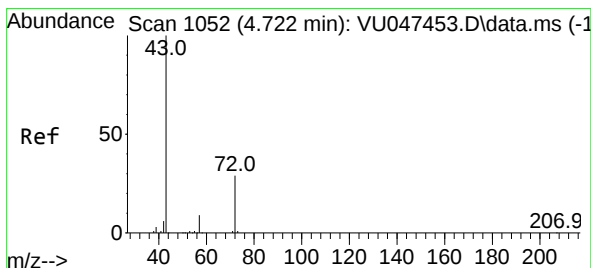
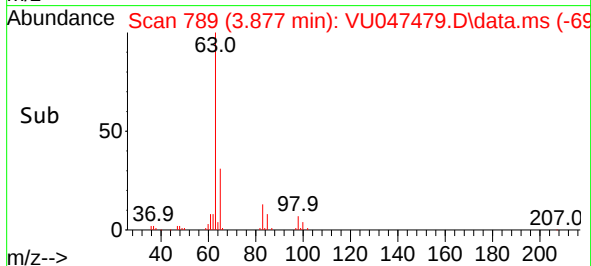
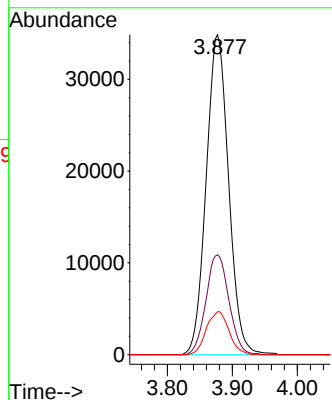
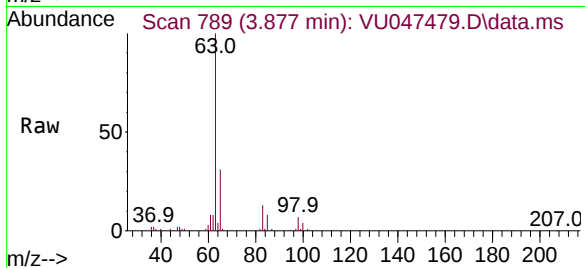
Tgt Ion: 63 Resp: 83664

Ion Ratio Lower Upper

63 100

65 31.2 22.8 42.4

83 13.4 9.9 18.3



#21

2-Butanone

Concen: 66.118 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.003 min

Lab File: VU047479.D

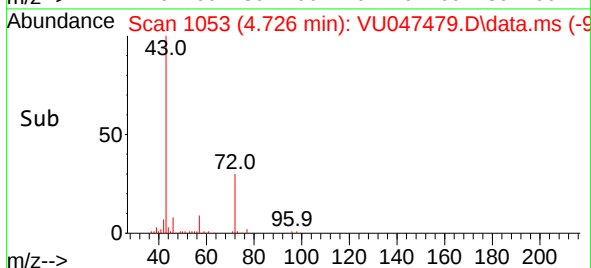
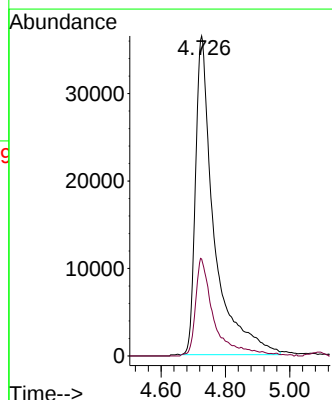
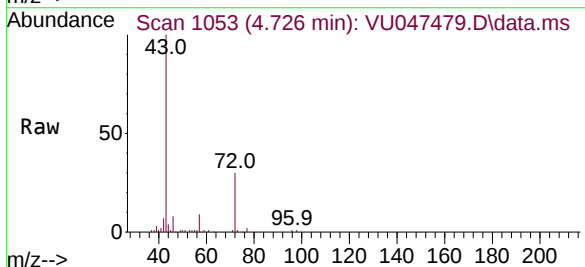
Acq: 11 Mar 2022 09:24

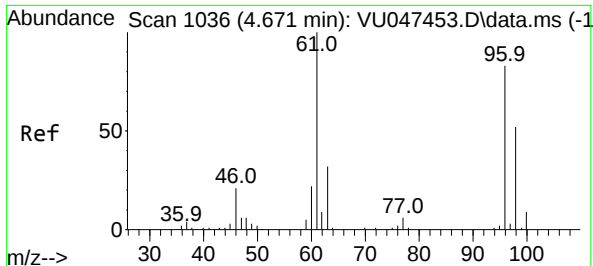
Tgt Ion: 43 Resp: 146597

Ion Ratio Lower Upper

43 100

72 27.8 14.7 44.1

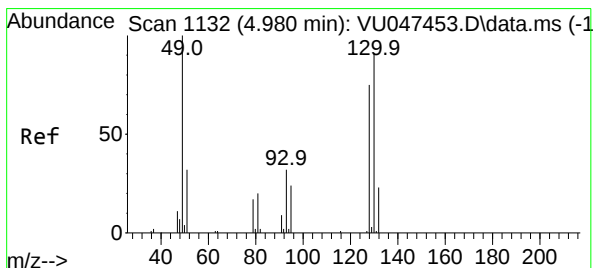
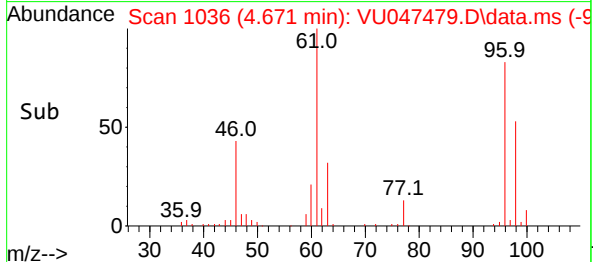
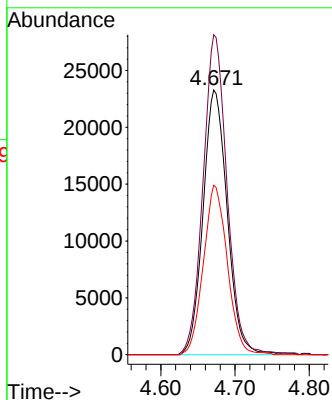
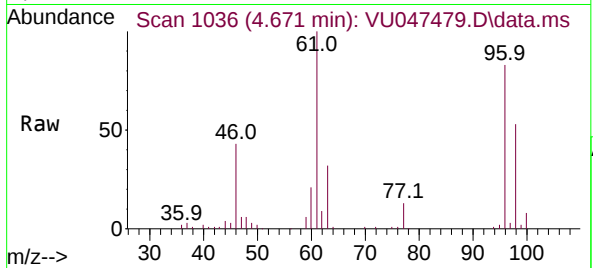




#22
 cis-1,2-Dichloroethene
 Concen: 5.445 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

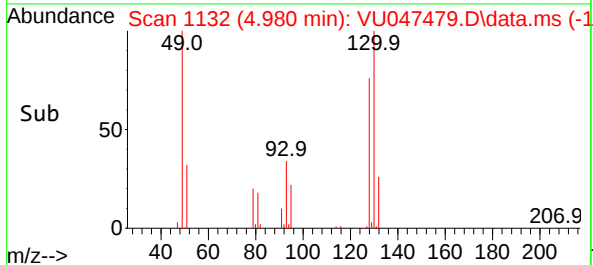
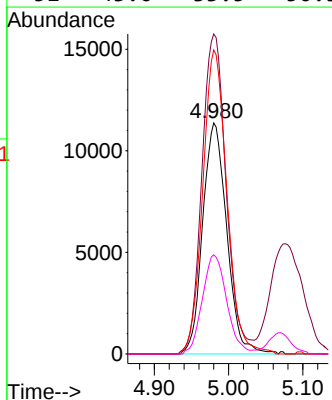
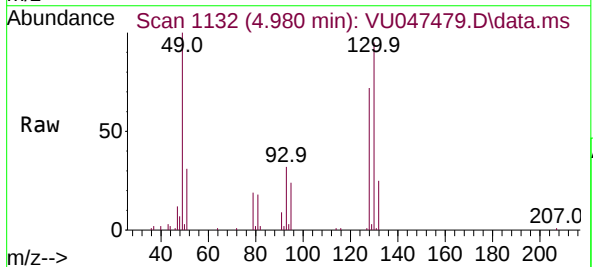
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

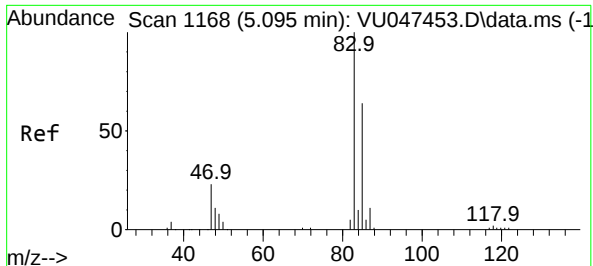
Tgt Ion:	96	Resp:	52634
Ion	Ratio	Lower	Upper
96	100		
61	120.9	80.8	150.0
98	64.0	44.7	83.1



#23
 Bromochloromethane
 Concen: 5.546 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

Tgt Ion:	128	Resp:	25612
Ion	Ratio	Lower	Upper
128	100		
49	138.5	91.6	170.2
130	131.6	89.6	166.4
51	43.0	33.5	50.3





#25

Chloroform

Concen: 5.466 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

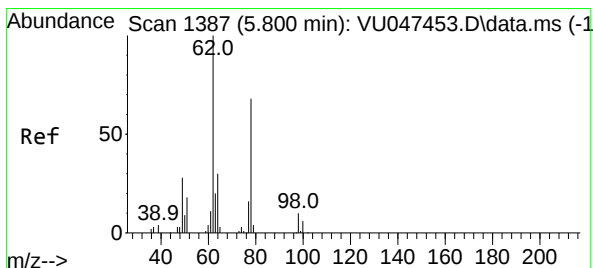
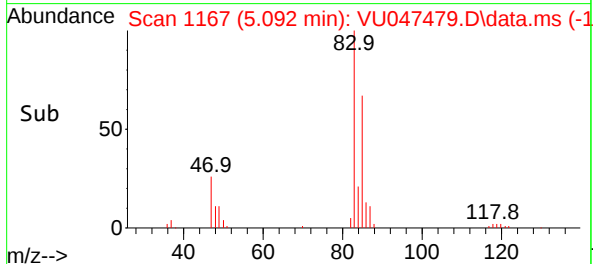
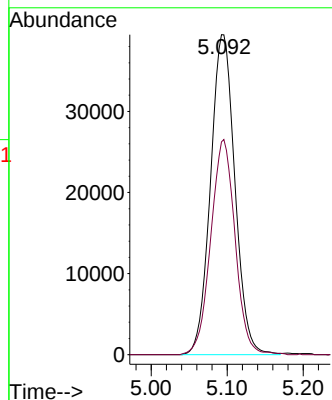
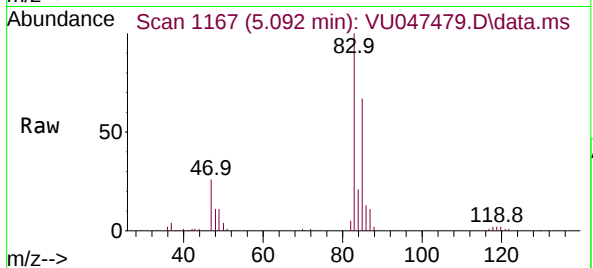
VSTD005096

Tgt Ion: 83 Resp: 87808

Ion Ratio Lower Upper

83 100

85 66.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.575 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047479.D

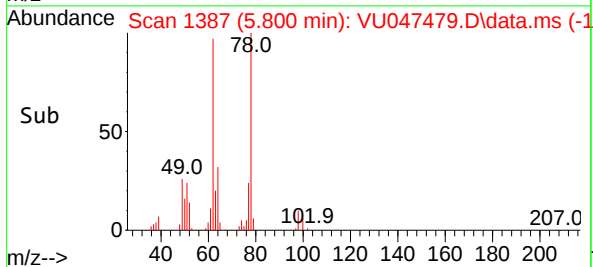
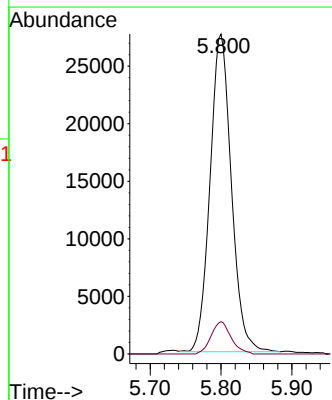
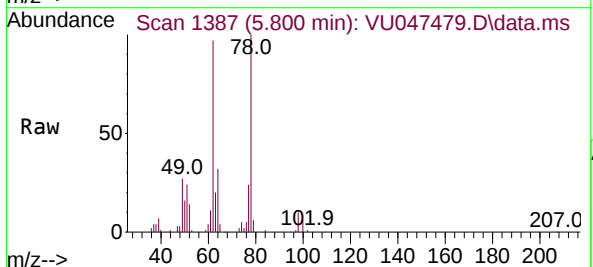
Acq: 11 Mar 2022 09:24

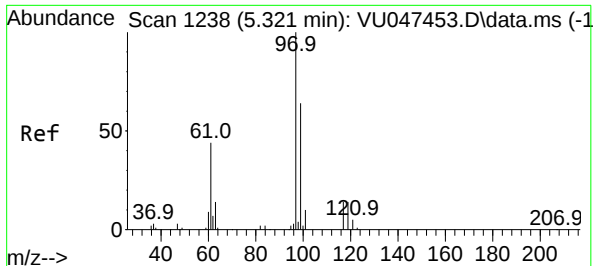
Tgt Ion: 62 Resp: 57660

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.450 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

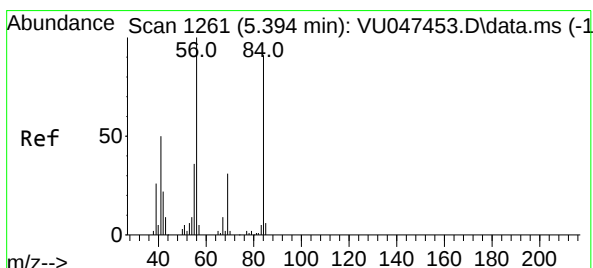
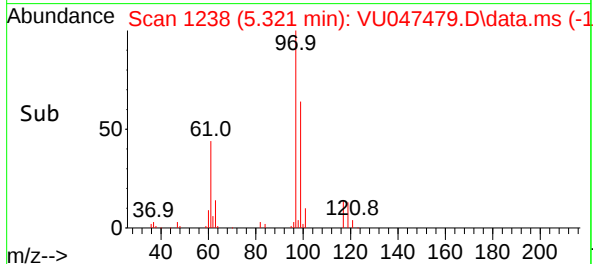
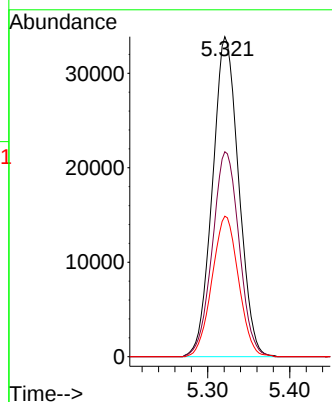
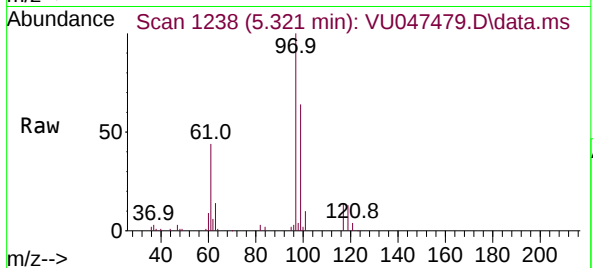
Tgt Ion: 97 Resp: 75313

Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 44.4 33.8 50.6



#30

Cyclohexane

Concen: 5.400 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

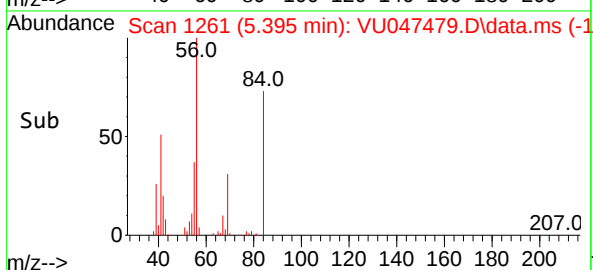
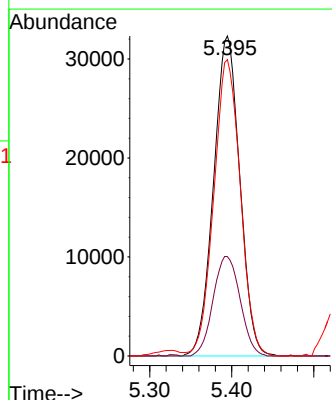
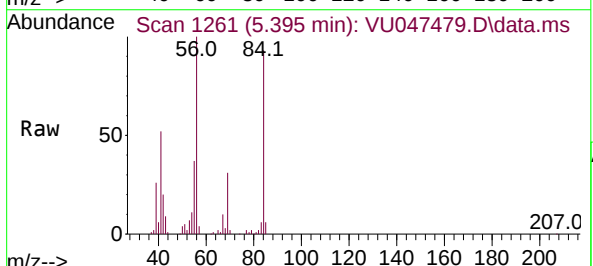
Tgt Ion: 56 Resp: 71899

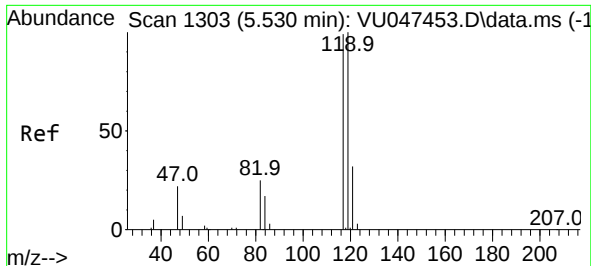
Ion Ratio Lower Upper

56 100

69 32.0 26.0 39.0

84 93.7 76.3 114.5

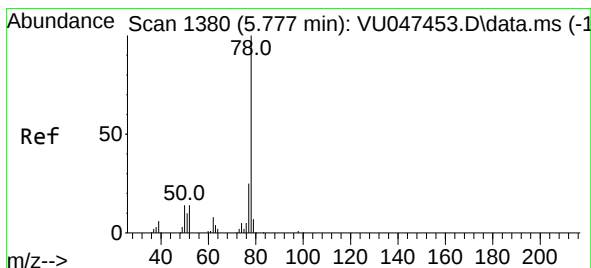
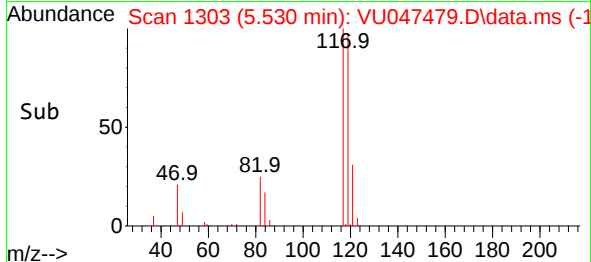
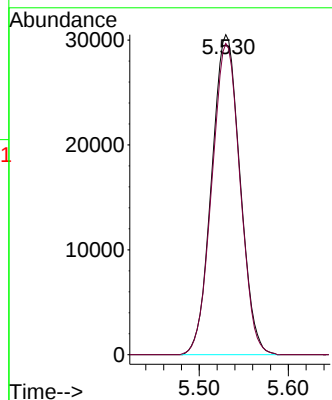
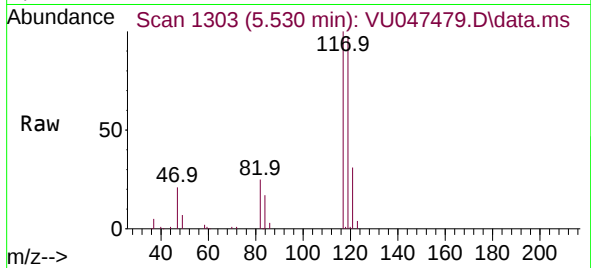




#31
Carbon tetrachloride
Concen: 5.562 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

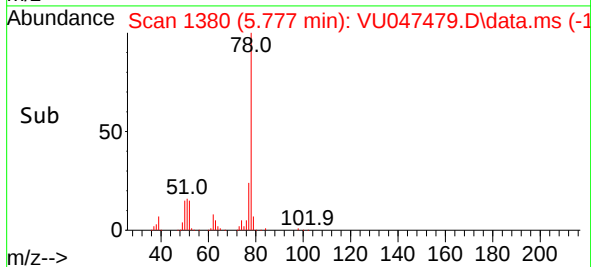
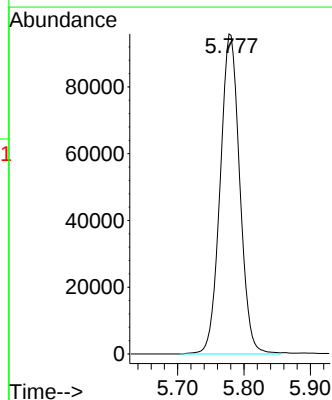
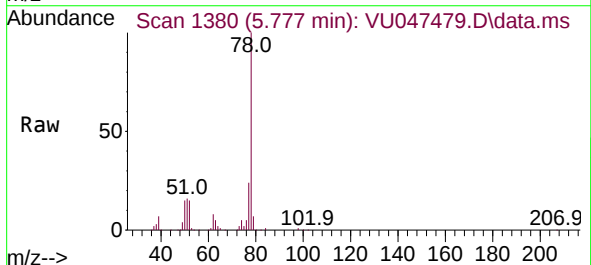
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

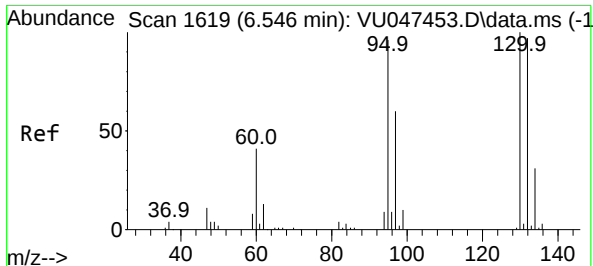
Tgt Ion:117 Resp: 67507
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#33
Benzene
Concen: 5.453 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 78 Resp: 196974

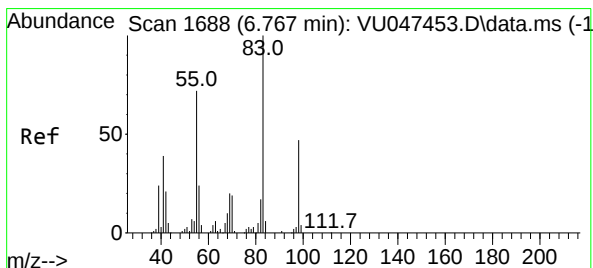
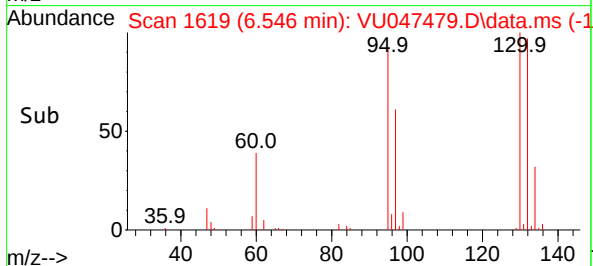
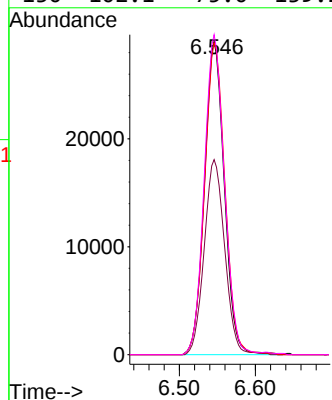
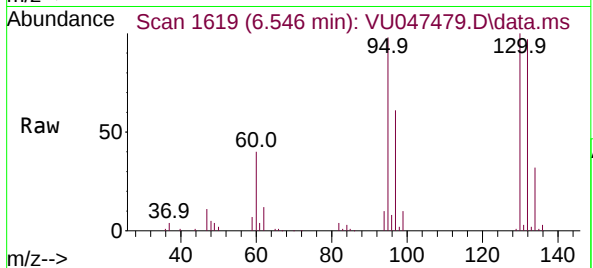




#34
Trichloroethene
Concen: 5.452 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

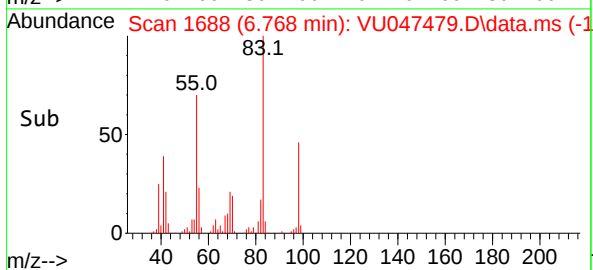
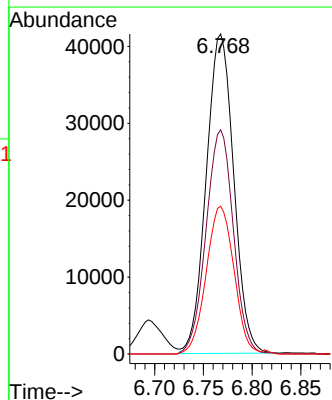
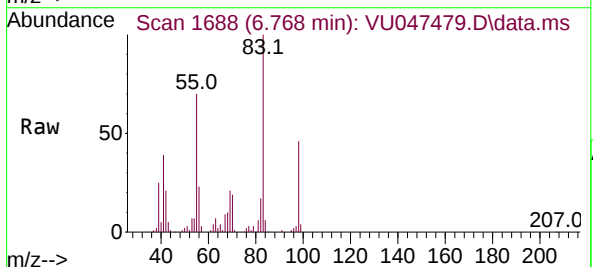
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

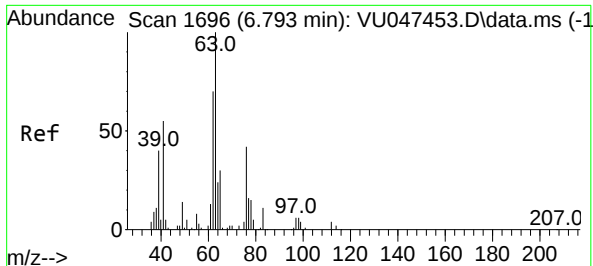
Tgt Ion: 95 Resp: 52648
Ion Ratio Lower Upper
95 100
97 62.2 46.3 85.9
132 99.5 71.7 133.1
130 102.1 75.0 139.2



#35
Methylcyclohexane
Concen: 5.349 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 83 Resp: 81482
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.8
98 46.7 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.595 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

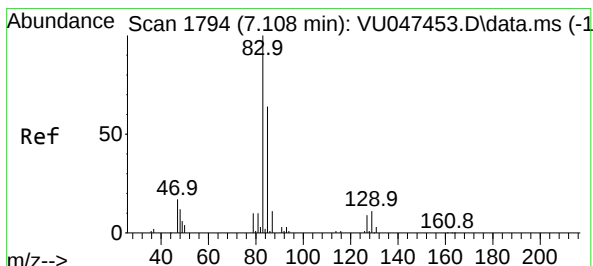
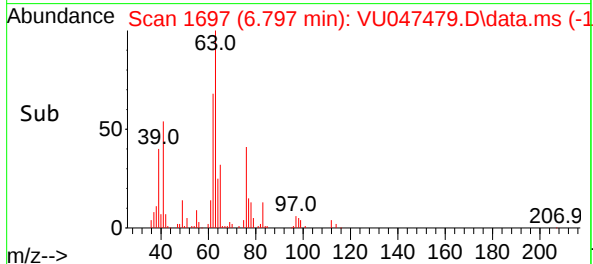
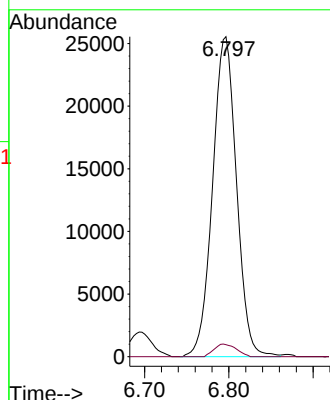
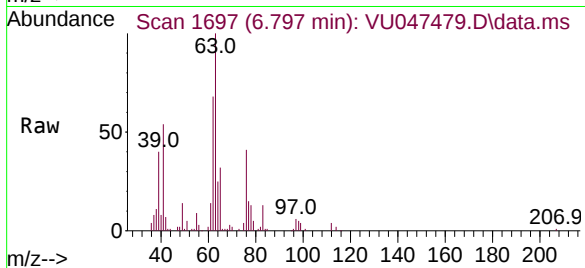
VSTD005096

Tgt Ion: 63 Resp: 50334

Ion Ratio Lower Upper

63 100

112 3.7 3.3 4.9



#38

Bromodichloromethane

Concen: 5.627 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

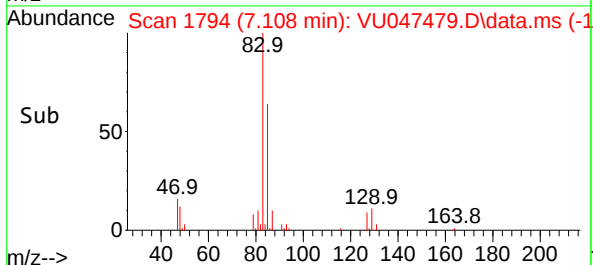
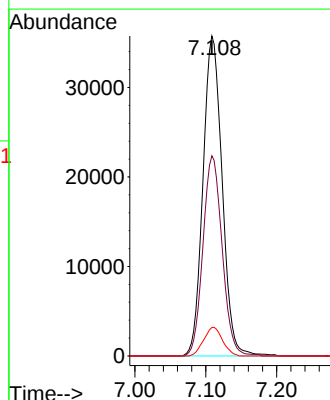
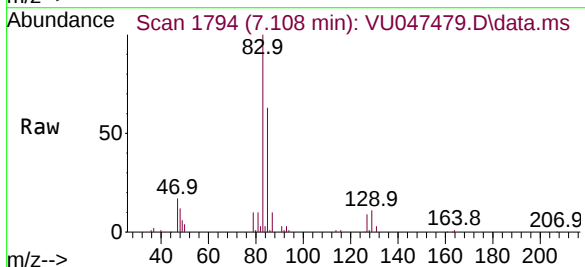
Tgt Ion: 83 Resp: 67210

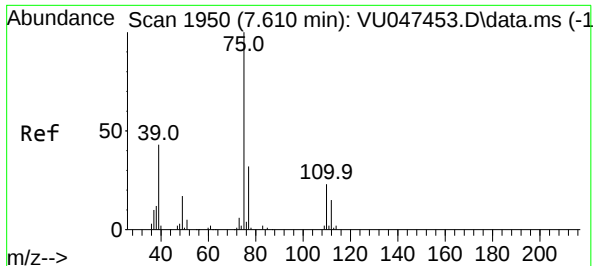
Ion Ratio Lower Upper

83 100

85 62.6 45.0 83.6

127 8.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.558 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

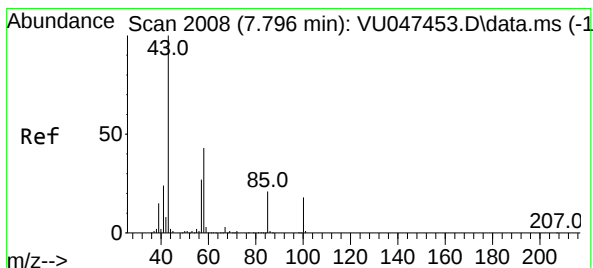
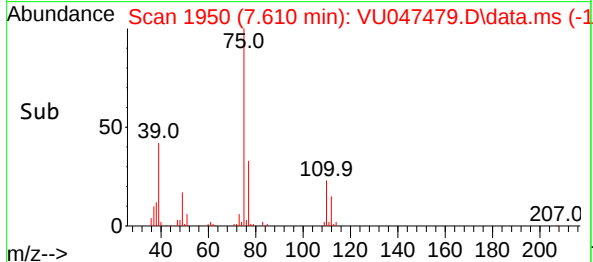
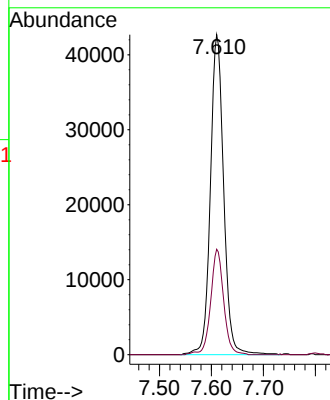
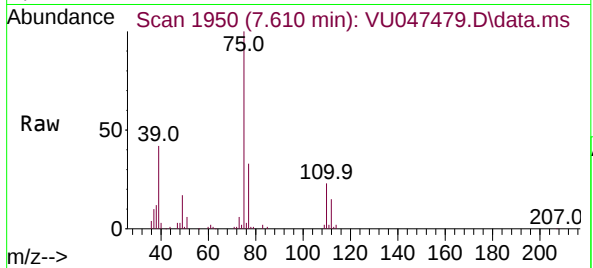
VSTD005096

Tgt Ion: 75 Resp: 75809

Ion Ratio Lower Upper

75 100

77 33.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 55.257 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

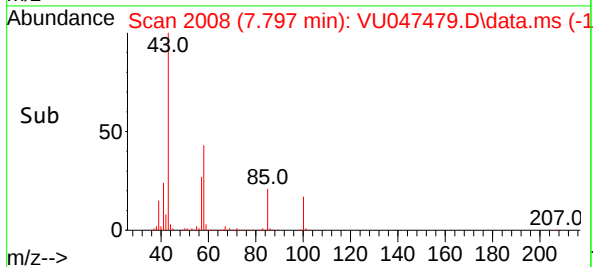
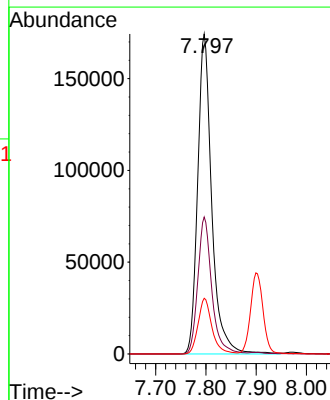
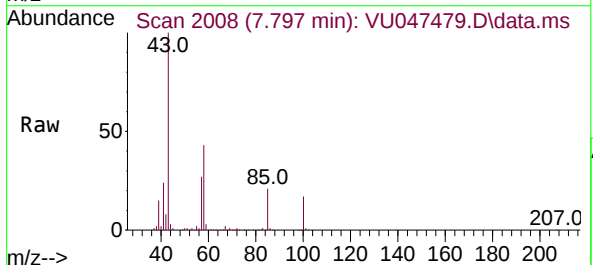
Tgt Ion: 43 Resp: 338878

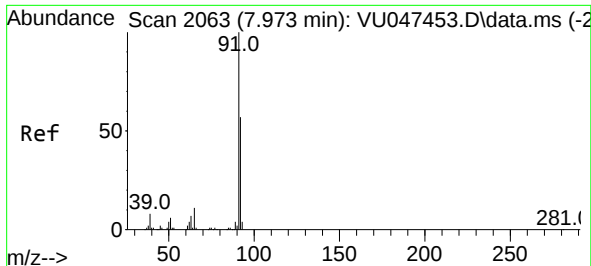
Ion Ratio Lower Upper

43 100

58 42.4 34.8 52.2

100 17.2 14.2 21.4

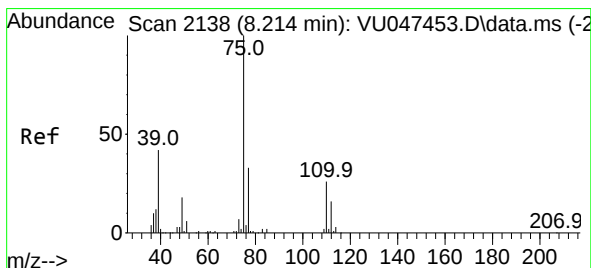
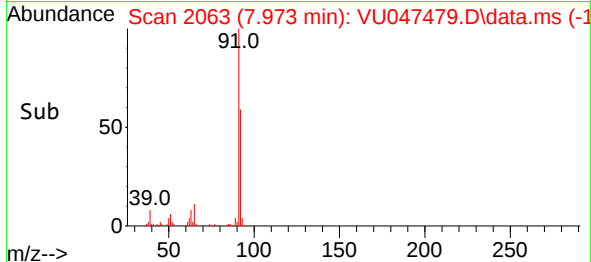
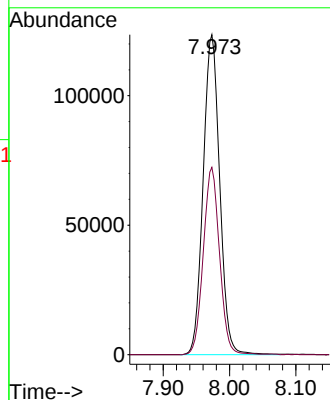
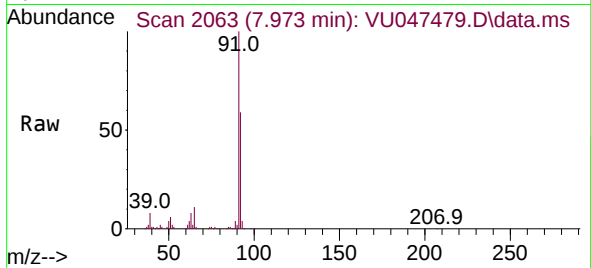




#42
Toluene
Concen: 5.453 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

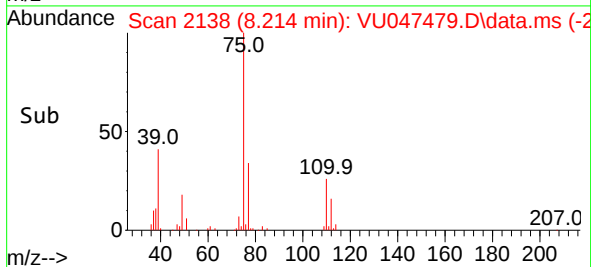
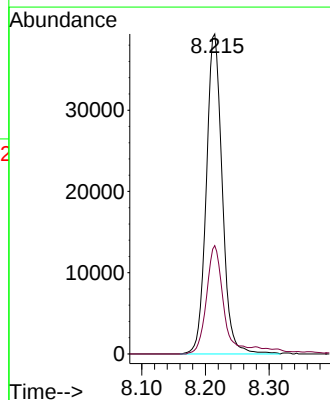
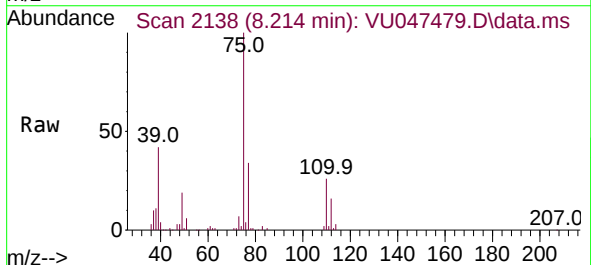
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

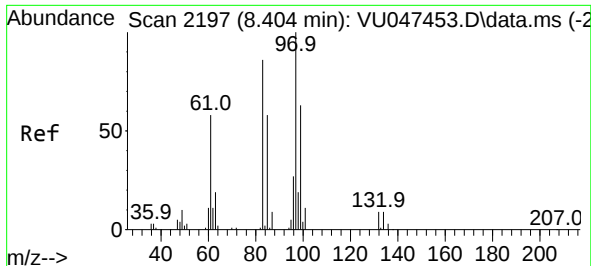
Tgt Ion: 91 Resp: 213989
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.584 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 75 Resp: 68689
Ion Ratio Lower Upper
75 100
77 33.9 23.6 43.8

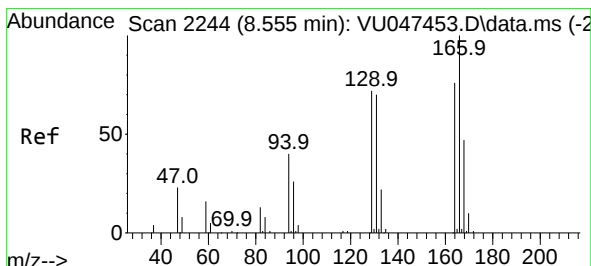
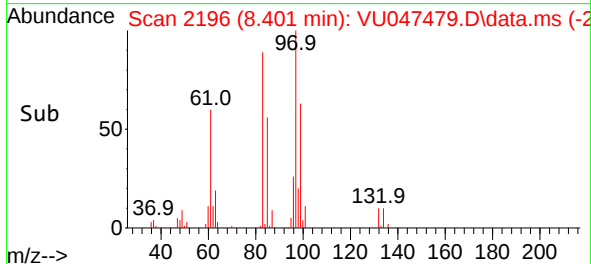
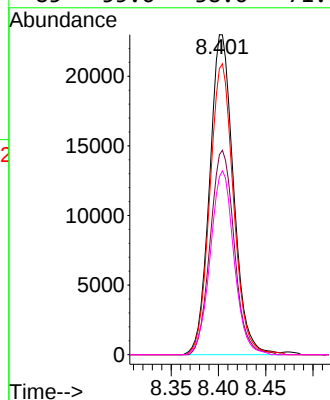
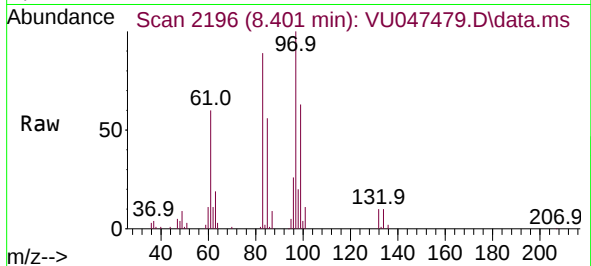




#45
1,1,2-Trichloroethane
Concen: 5.487 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

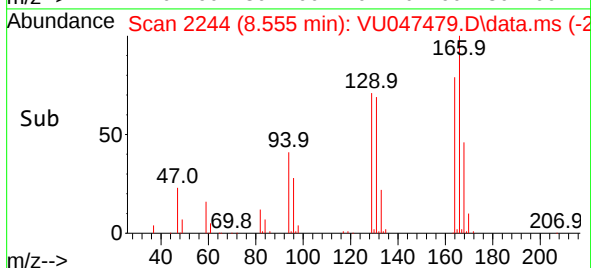
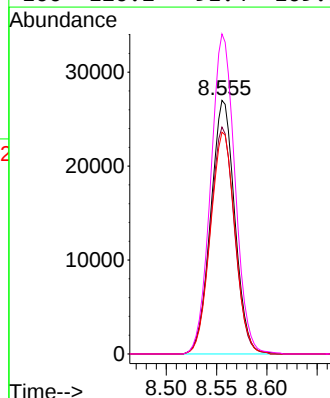
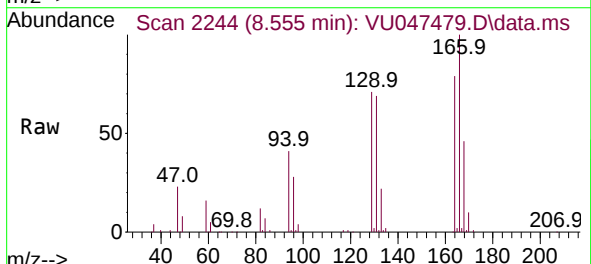
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

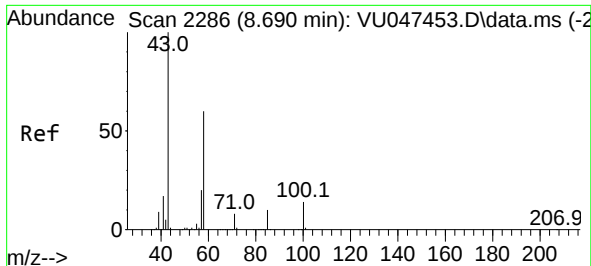
Tgt Ion:	97	Resp:	40453
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.3	80.5
83	89.4	59.1	109.9
85	55.6	38.6	71.6



#47
Tetrachloroethene
Concen: 5.482 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion:	164	Resp:	44911
Ion	Ratio	Lower	Upper
164	100		
129	89.5	64.9	120.5
131	87.4	63.6	118.2
166	126.2	91.4	169.8

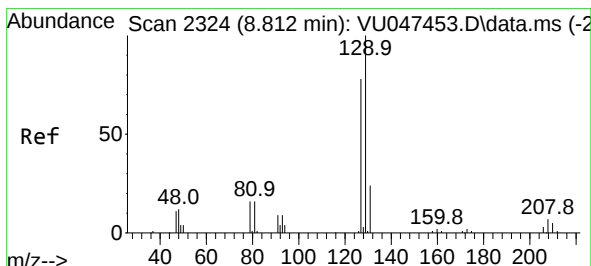
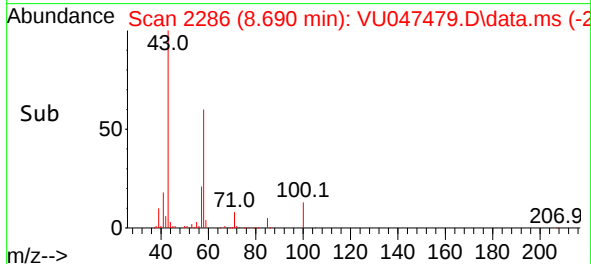
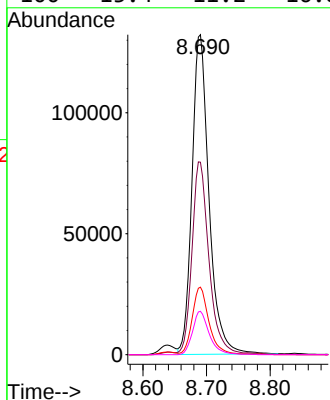
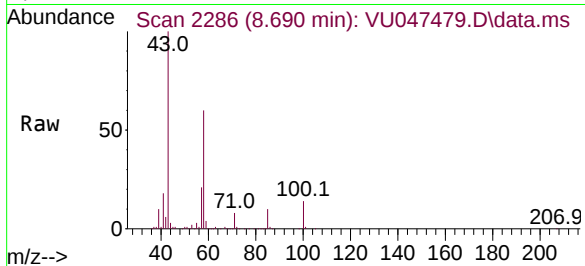




#48
2-Hexanone
Concen: 55.188 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

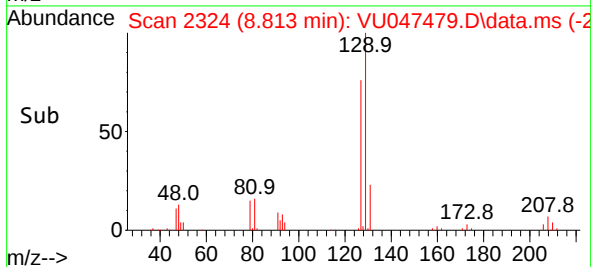
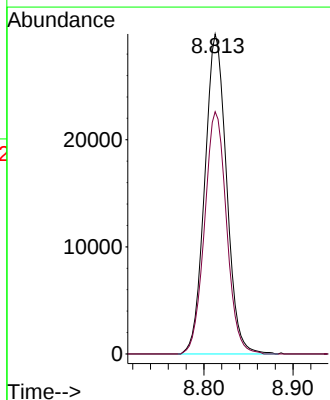
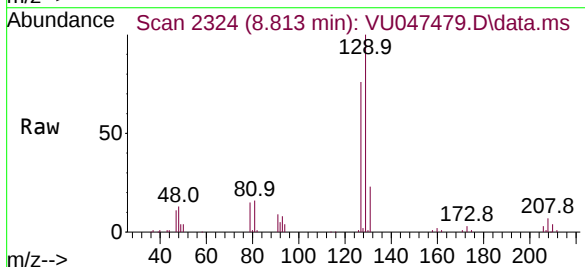
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

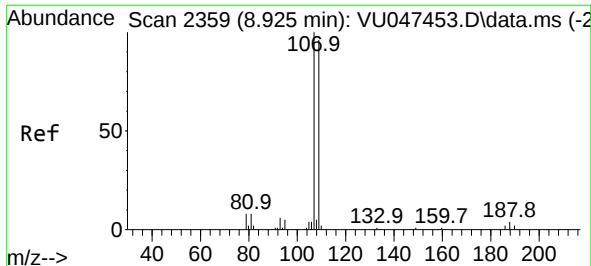
Tgt Ion: 43 Resp: 245554
Ion Ratio Lower Upper
43 100
58 60.1 47.7 71.5
57 20.6 16.6 25.0
100 13.4 11.2 16.8



#49
Dibromochloromethane
Concen: 5.657 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 129 Resp: 50670
Ion Ratio Lower Upper
129 100
127 75.7 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.427 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

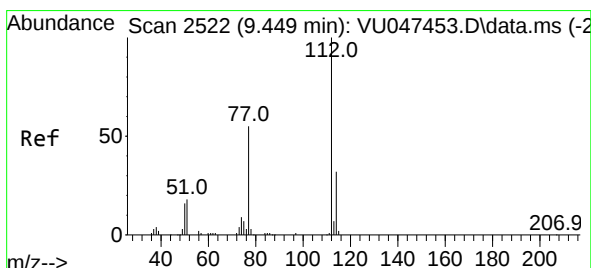
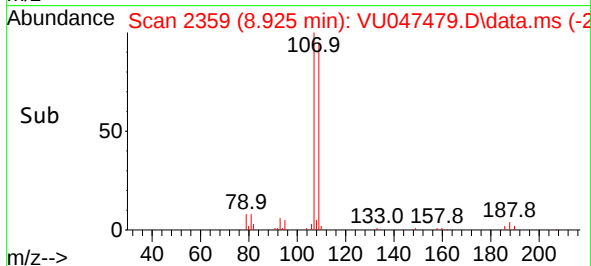
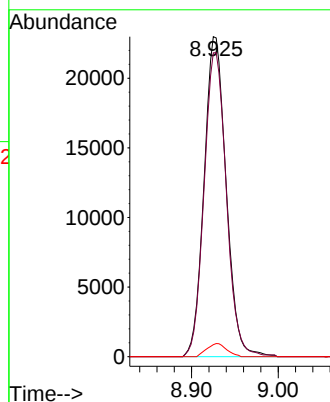
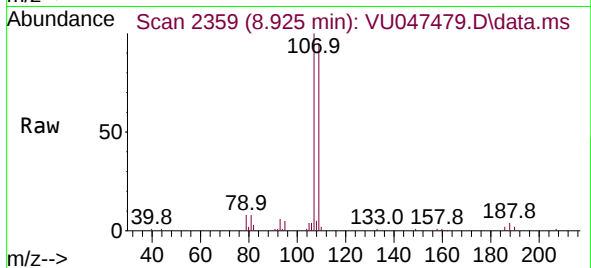
Tgt Ion:107 Resp: 40716

Ion Ratio Lower Upper

107 100

109 95.0 65.8 122.2

188 3.7 3.3 4.9



#51

Chlorobenzene

Concen: 5.396 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

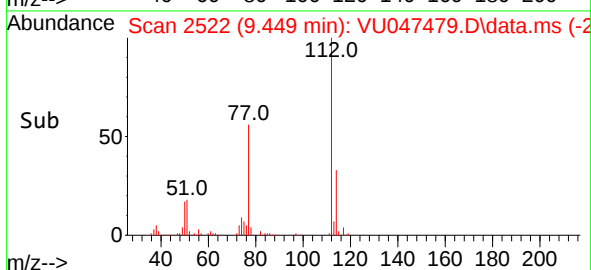
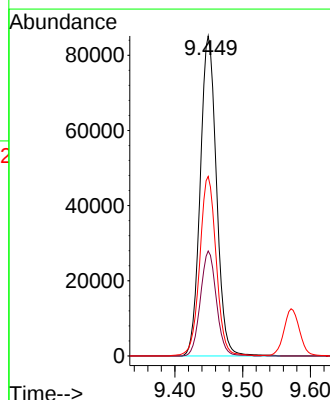
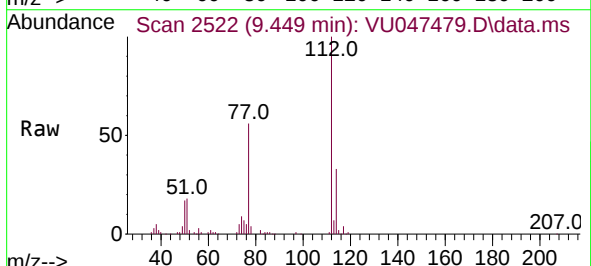
Tgt Ion:112 Resp: 141653

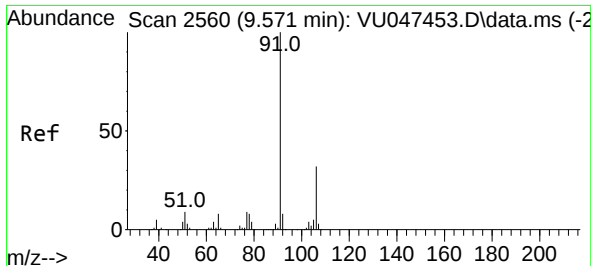
Ion Ratio Lower Upper

112 100

114 32.8 22.8 42.4

77 56.1 45.0 67.6

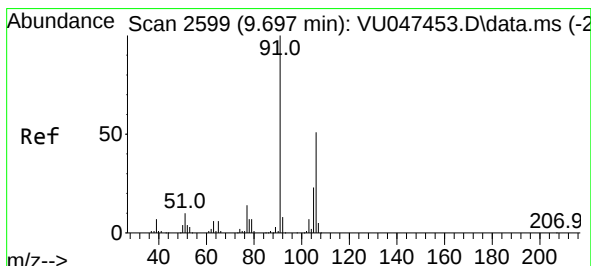
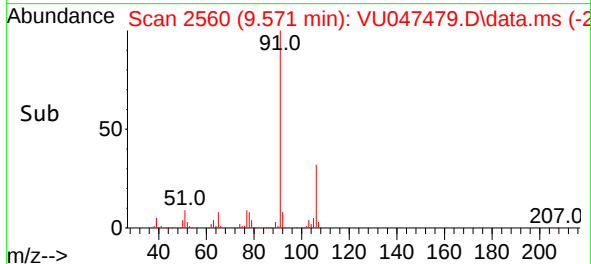
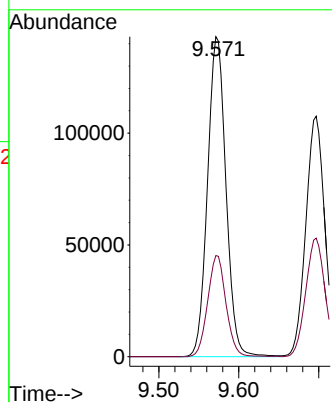
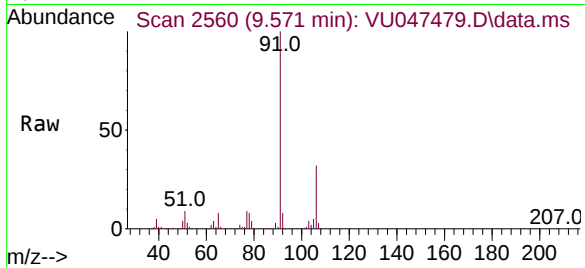




#52
Ethylbenzene
Concen: 5.397 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

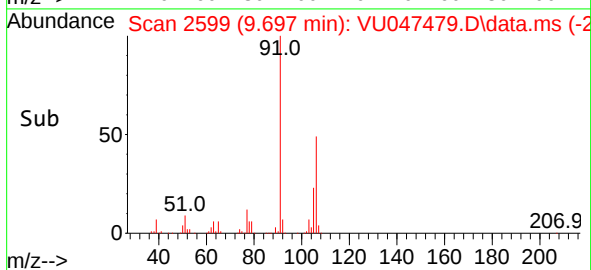
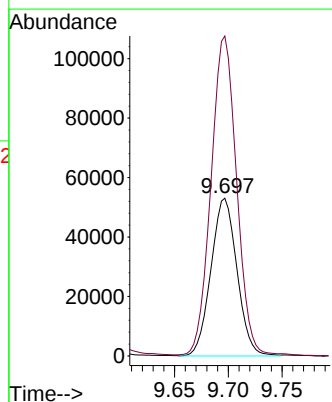
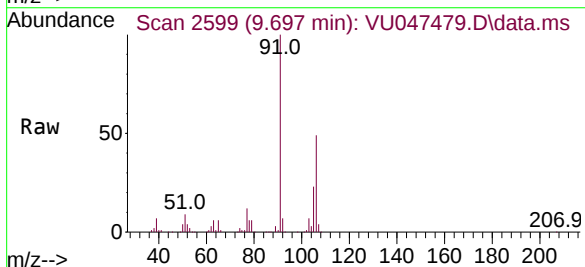
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

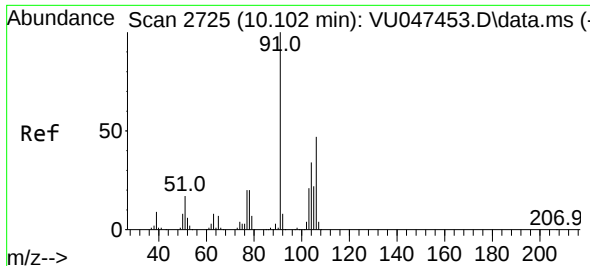
Tgt Ion: 91 Resp: 229371
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 5.366 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion: 106 Resp: 89470
Ion Ratio Lower Upper
106 100
91 202.9 138.8 257.8

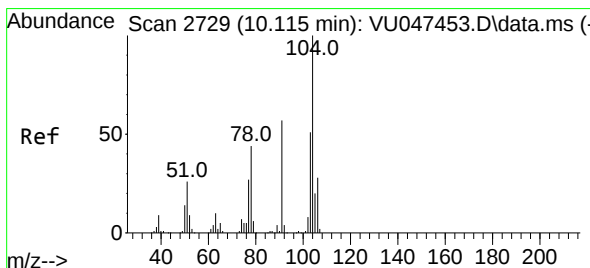
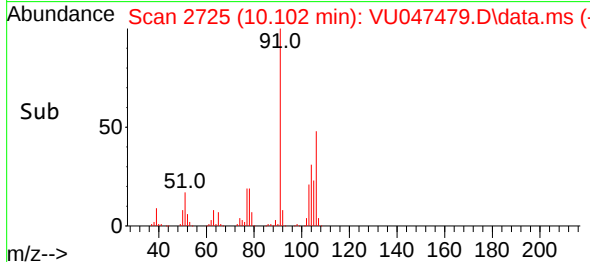
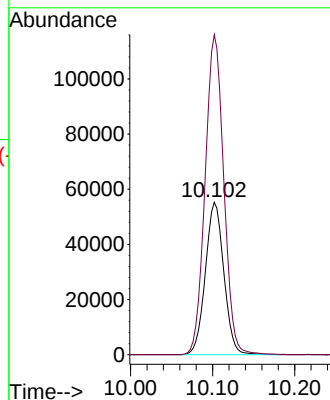
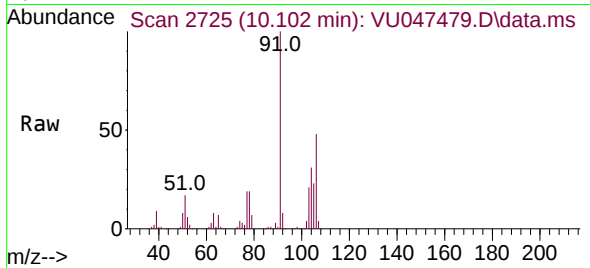




#54
o-Xylene
Concen: 5.364 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

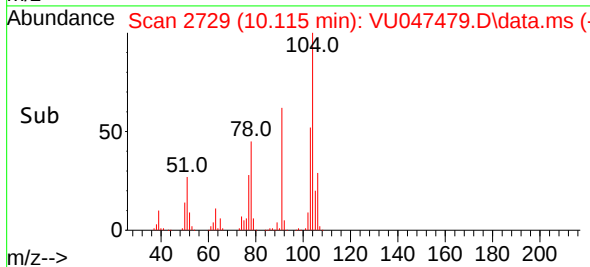
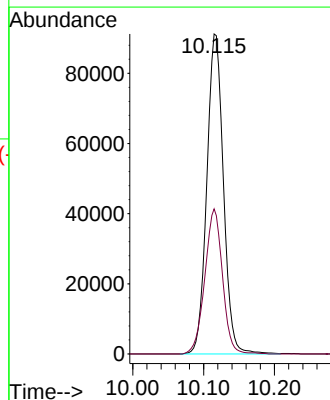
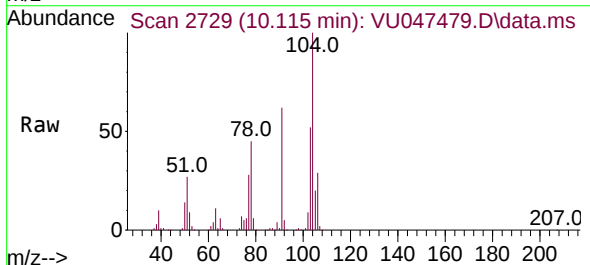
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

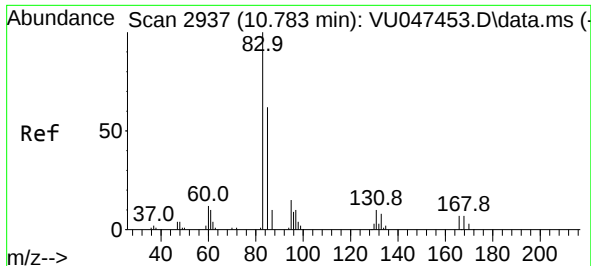
Tgt Ion:106 Resp: 86651
Ion Ratio Lower Upper
106 100
91 210.0 149.2 277.0



#55
Styrene
Concen: 5.443 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion:104 Resp: 148632
Ion Ratio Lower Upper
104 100
78 45.3 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.513 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

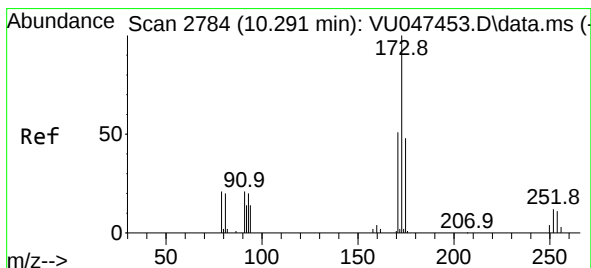
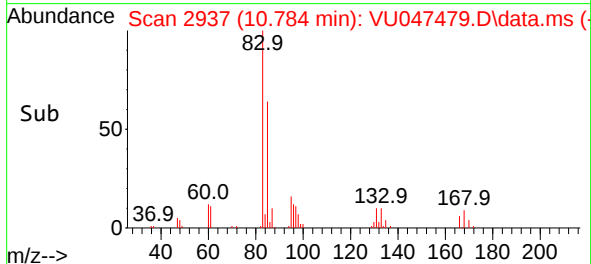
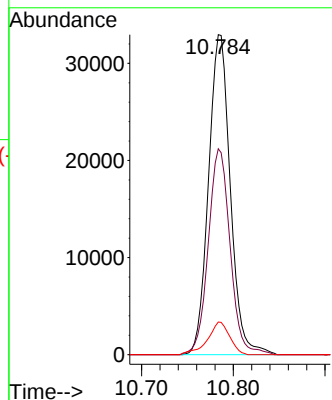
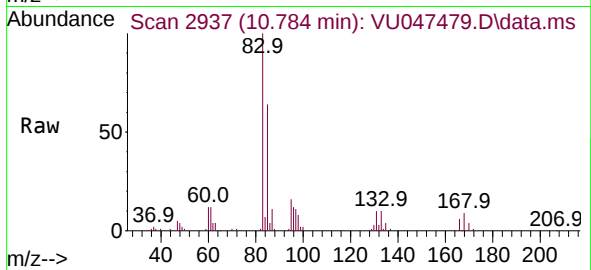
Tgt Ion: 83 Resp: 54408

Ion Ratio Lower Upper

83 100

85 64.3 46.0 85.4

131 10.2 8.2 12.4



#59

Bromoform

Concen: 5.739 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

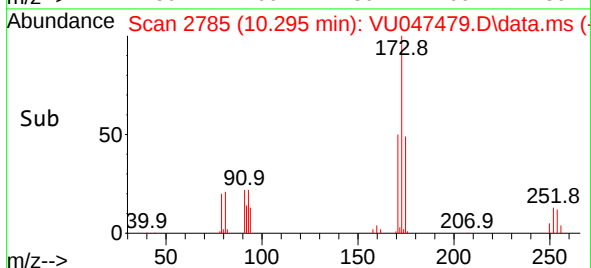
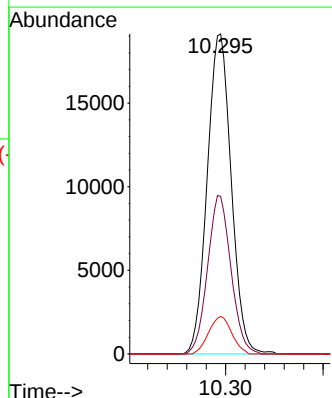
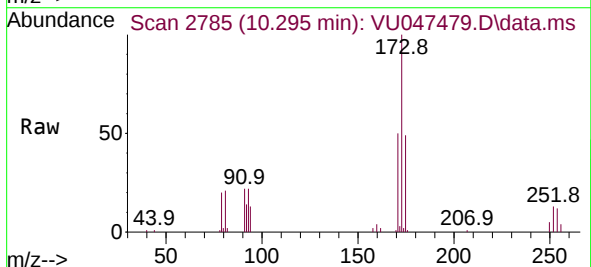
Tgt Ion:173 Resp: 32700

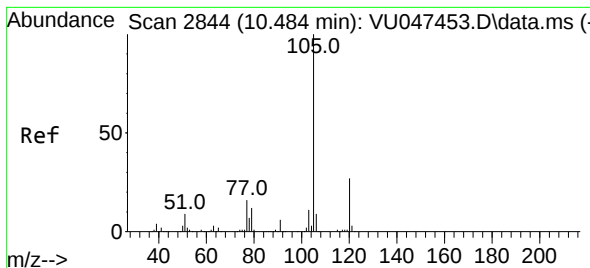
Ion Ratio Lower Upper

173 100

175 48.1 38.7 58.1

254 11.2 9.0 13.4





#60

Isopropylbenzene

Concen: 5.412 ug/L

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

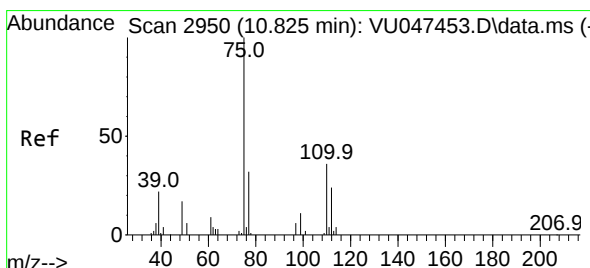
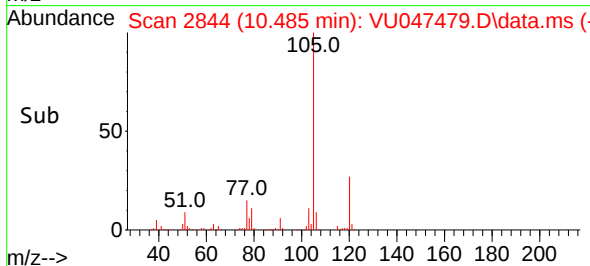
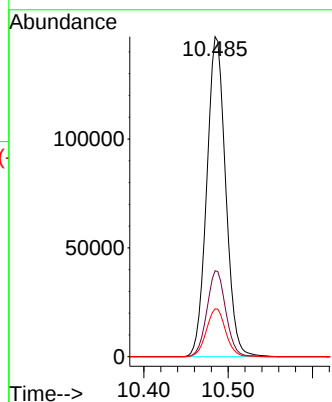
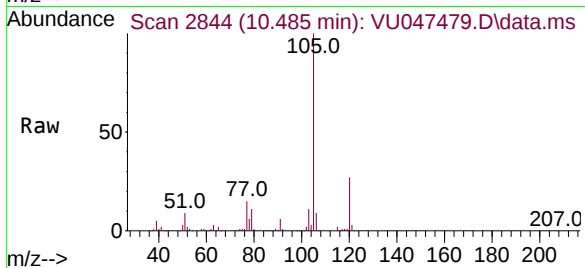
Tgt Ion:105 Resp: 229160

Ion Ratio Lower Upper

105 100

120 26.9 21.8 32.6

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.554 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

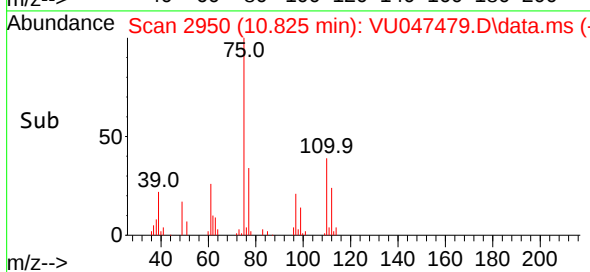
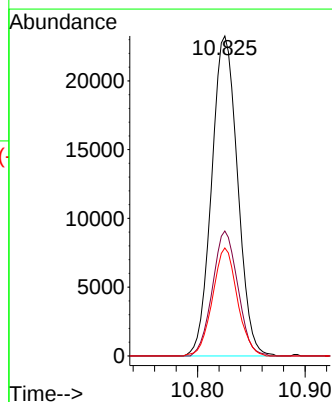
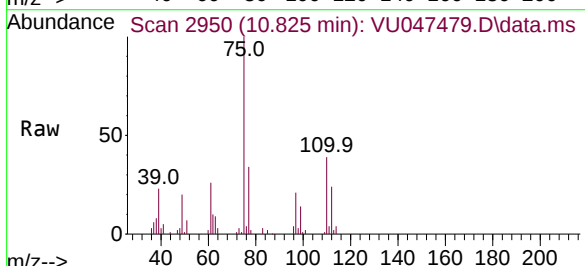
Tgt Ion: 75 Resp: 38931

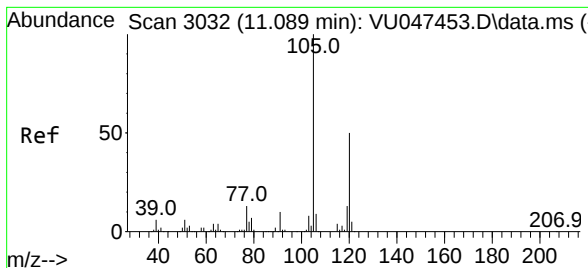
Ion Ratio Lower Upper

75 100

110 38.3 31.0 46.4

77 32.4 26.2 39.4

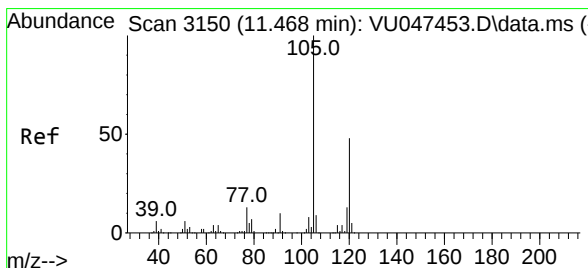
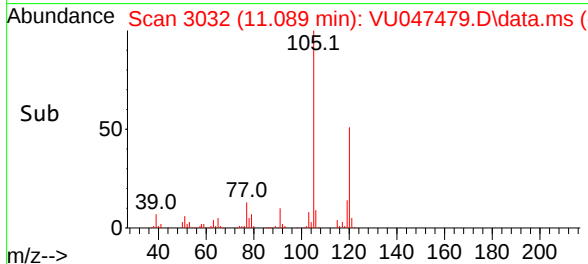
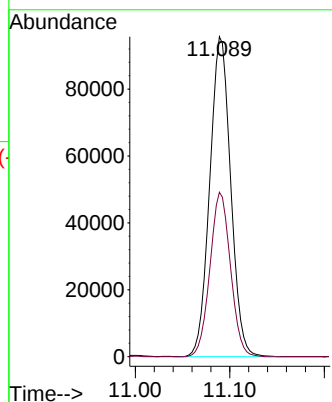
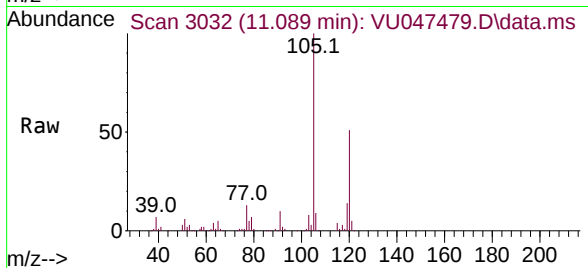




#62
 1,3,5-Trimethylbenzene
 Concen: 5.291 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

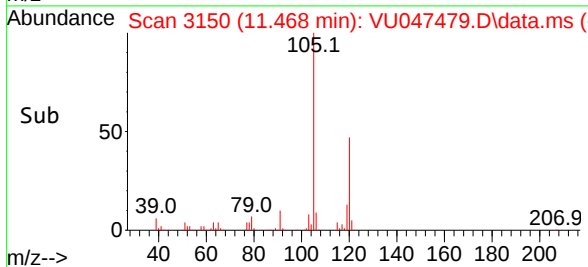
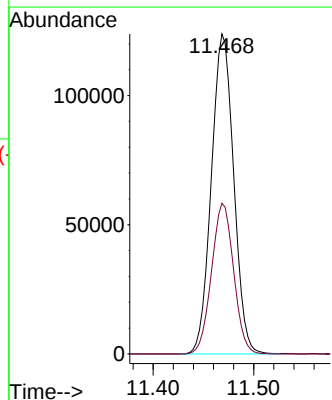
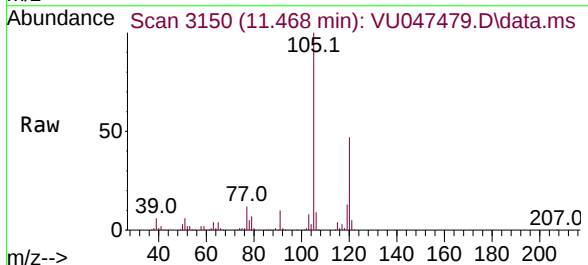
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

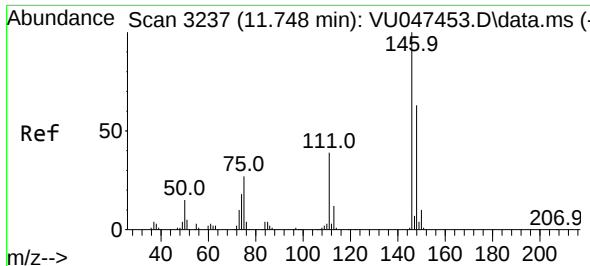
Tgt Ion:105 Resp: 146941
 Ion Ratio Lower Upper
 105 100
 120 50.4 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.307 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

Tgt Ion:105 Resp: 191178
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.2 55.8

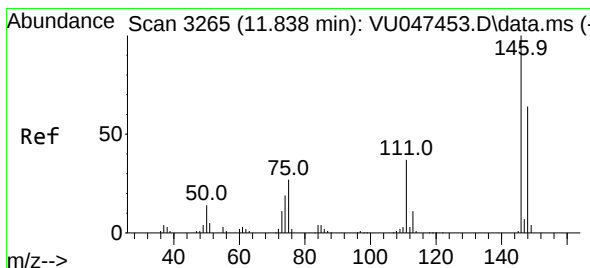
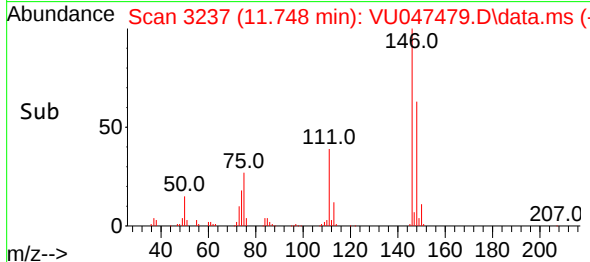
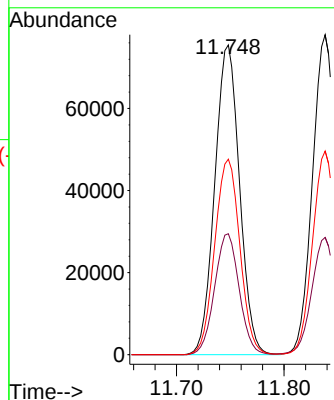
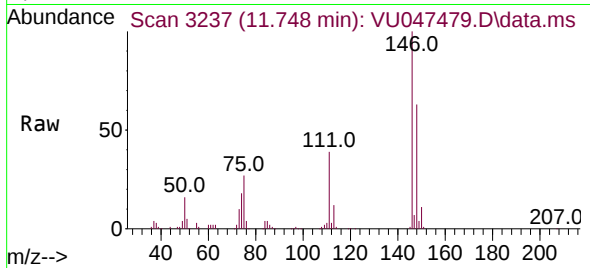




#64
1,3-Dichlorobenzene
Concen: 5.393 ug/L
RT: 11.748 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

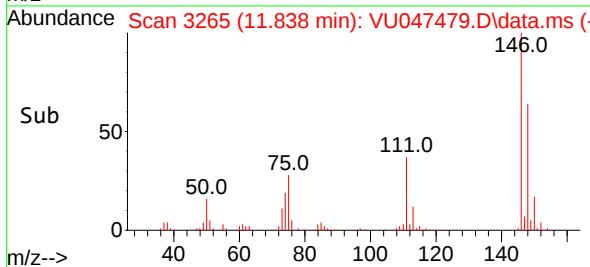
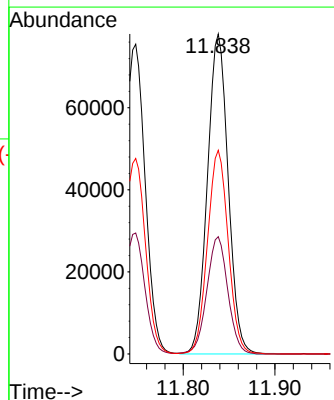
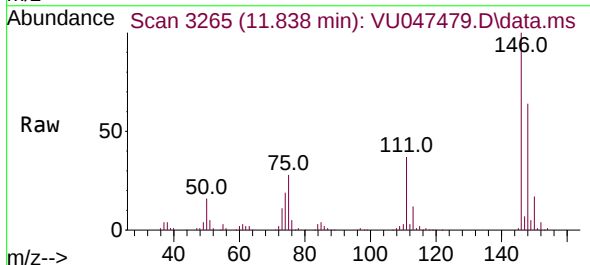
Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

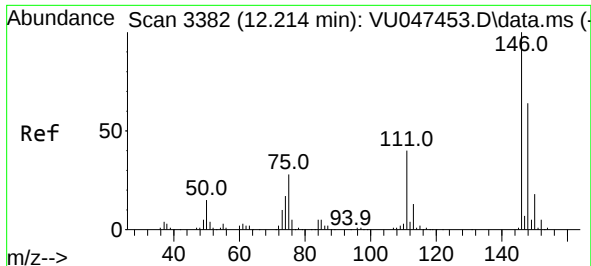
Tgt Ion:146 Resp: 121032
Ion Ratio Lower Upper
146 100
111 39.0 27.0 50.2
148 63.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.380 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion:146 Resp: 122607
Ion Ratio Lower Upper
146 100
111 36.6 26.1 48.5
148 63.6 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.397 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTD005096

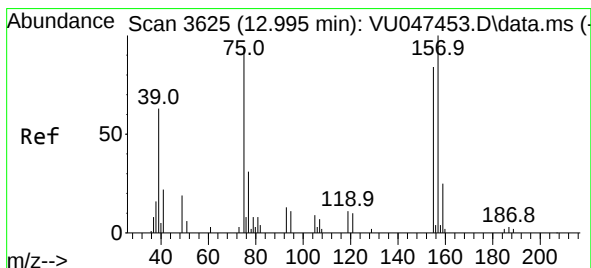
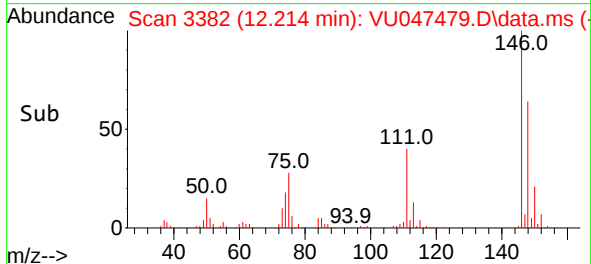
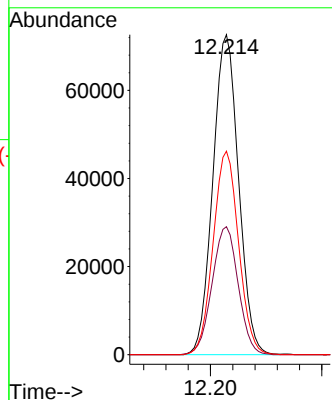
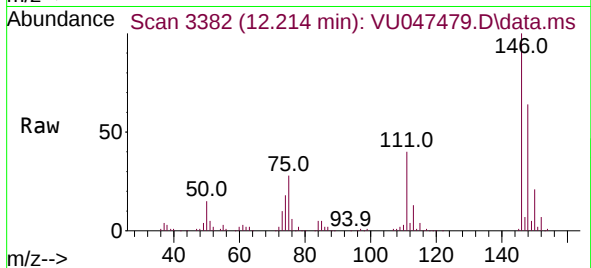
Tgt Ion:146 Resp: 116374

Ion Ratio Lower Upper

146 100

111 40.0 31.9 47.9

148 63.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.432 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047479.D

Acq: 11 Mar 2022 09:24

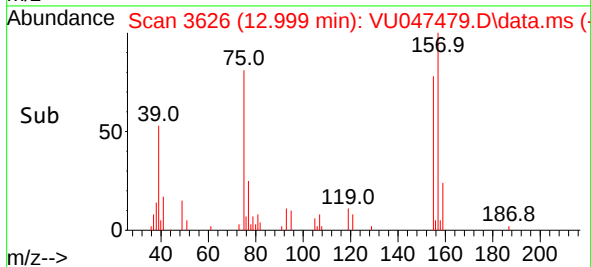
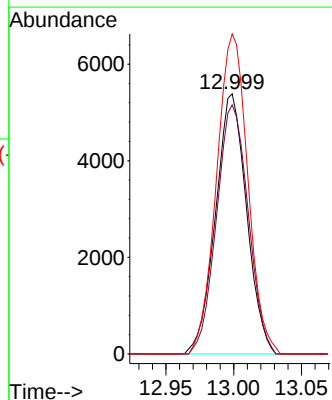
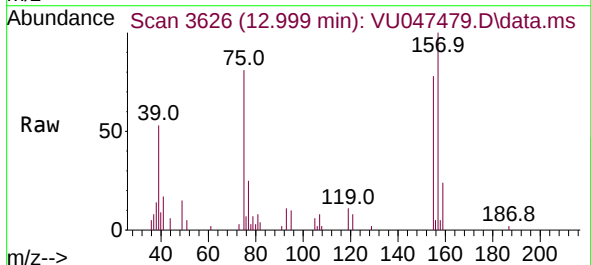
Tgt Ion: 75 Resp: 8584

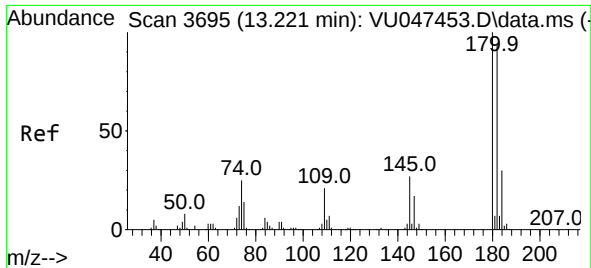
Ion Ratio Lower Upper

75 100

155 95.8 71.3 106.9

157 123.0 88.6 132.8

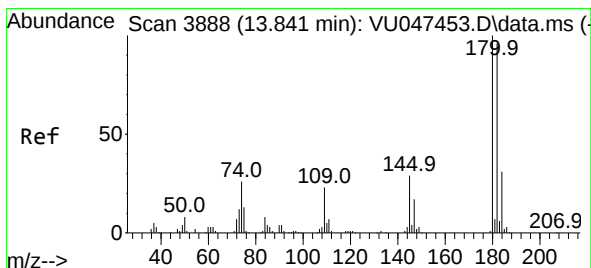
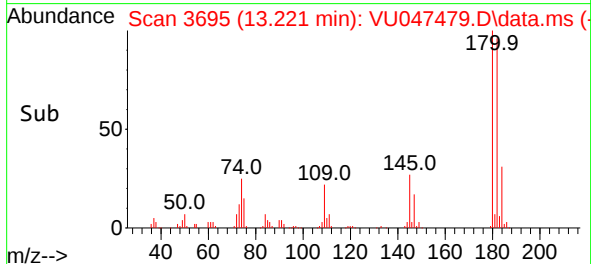
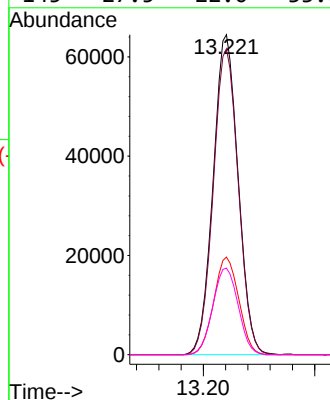
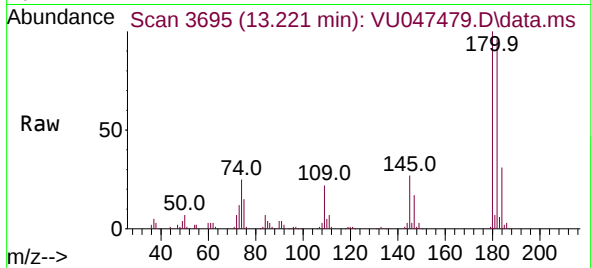




#69
 1,3,5-Trichlorobenzene
 Concen: 5.456 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

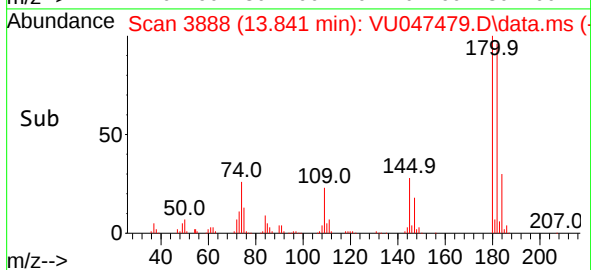
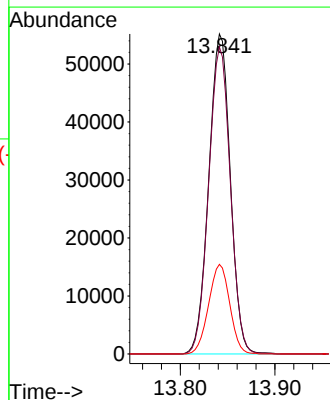
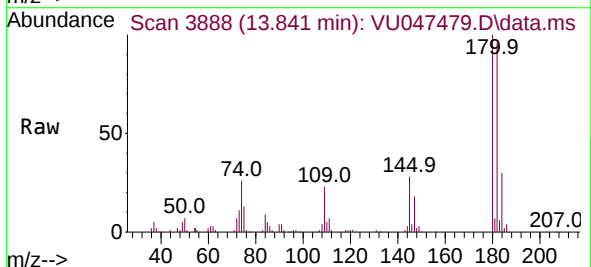
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

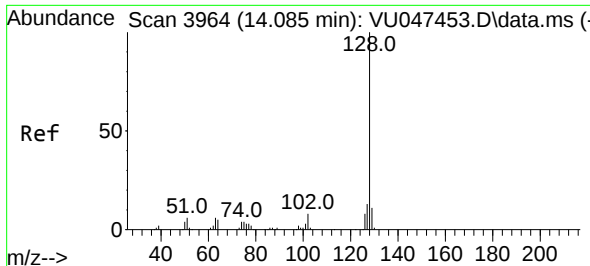
Tgt Ion:	180	Resp:	100436
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.1	115.7
184	30.5	25.0	37.4
145	27.5	22.0	33.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.318 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047479.D
 Acq: 11 Mar 2022 09:24

Tgt Ion:	180	Resp:	87252
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.6	114.8
145	27.5	22.4	33.6

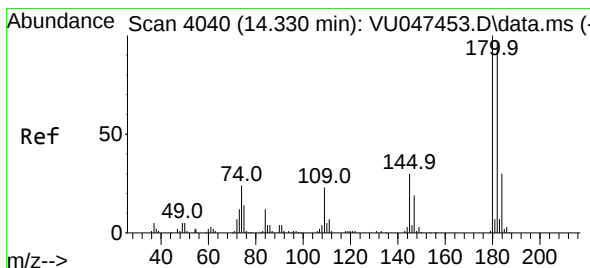
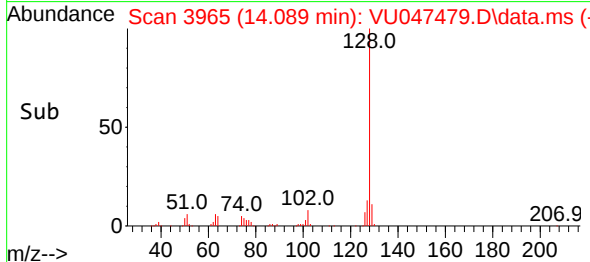
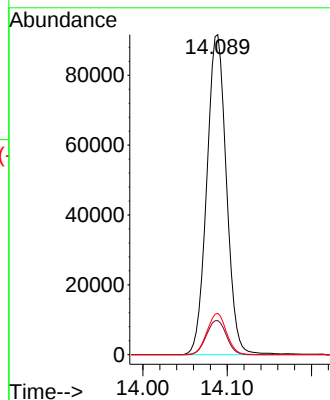
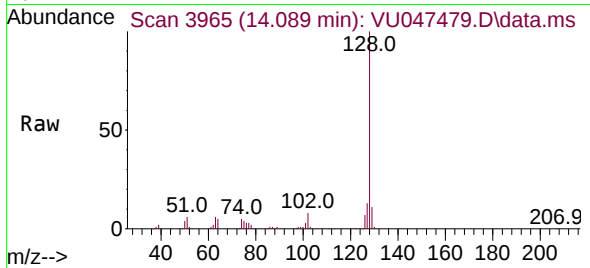




#71
Naphthalene
Concen: 5.065 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD005096

Tgt Ion:128 Resp: 148626
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.240 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047479.D
Acq: 11 Mar 2022 09:24

Tgt Ion:180 Resp: 78831
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 30.4 23.4 35.2

