

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049212.D
 Acq On : 16 Jun 2022 17:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:29:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	124162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	116127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41547	3.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.912	69	32241	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.568	65	17209	3.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.636	46	171680	59.266	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.540%
24) Chloroform-d	5.063	84	85090	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.703	65	47591	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.729	84	163795	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.693	67	57129	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.899	98	145410	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.179	79	22378	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.636	63	118320	55.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49121	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	56390	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58262	5.497	ug/L	100
3) Chloromethane	1.523	50	60475	5.197	ug/L	99
5) Vinyl chloride	1.604	62	57586	5.517	ug/L	92
6) Bromomethane	1.858	94	16982	2.957	ug/L	94
8) Chloroethane	1.935	64	32267	5.340	ug/L	99
9) Trichlorofluoromethane	2.137	101	70760	5.841	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	40654	5.669	ug/L	98
12) 1,1-Dichloroethene	2.581	96	38615	5.531	ug/L	91
13) Acetone	2.649	43	90096	62.842	ug/L	96
14) Carbon disulfide	2.793	76	126621	5.491	ug/L	99
15) Methyl Acetate	2.957	43	23029	6.006	ug/L	98
16) Methylene chloride	3.047	84	44511	4.846	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	114908	5.442	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	42050	5.436	ug/L	95
19) 1,1-Dichloroethane	3.870	63	84216	5.522	ug/L	96
21) 2-Butanone	4.716	43	161160	58.951	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	48245	5.577	ug/L	96
23) Bromochloromethane	4.977	128	20366	5.499	ug/L	98
25) Chloroform	5.089	83	84541	5.522	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049212.D
 Acq On : 16 Jun 2022 17:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

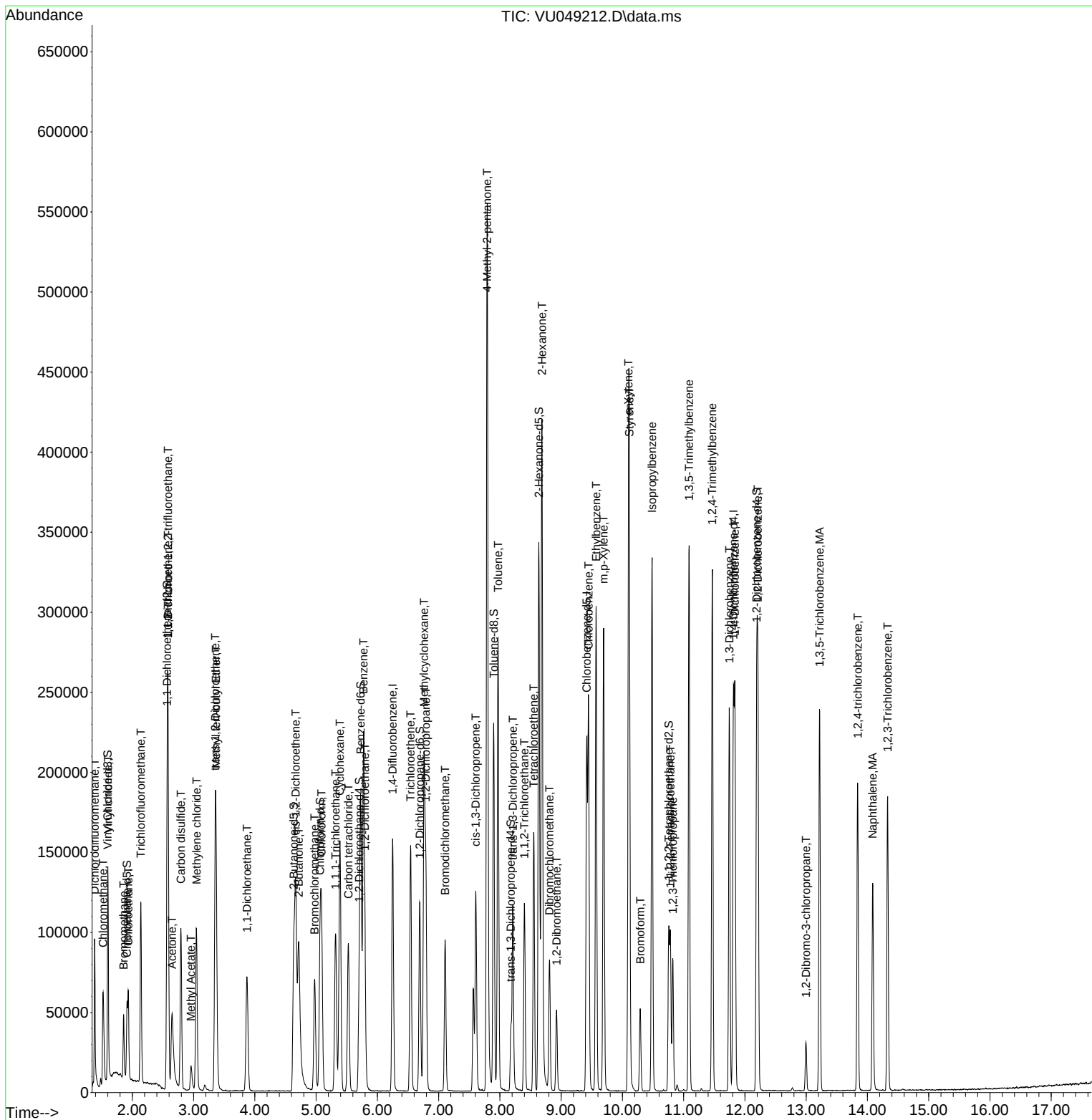
Instrument :
 MSVOA_U
 ClientSampleId :

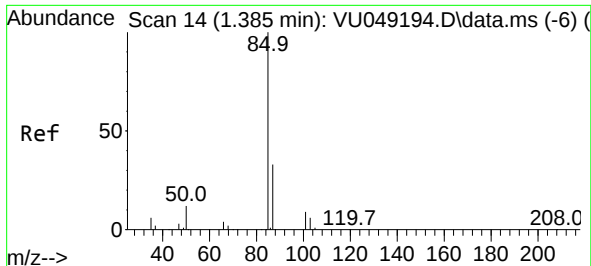
Quant Time: Jun 17 01:29:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	57491	5.701	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	71927	5.183	ug/L	98
30) Cyclohexane	5.388	56	82472	5.228	ug/L	99
31) Carbon tetrachloride	5.526	117	61951	5.332	ug/L	97
33) Benzene	5.774	78	189098	5.472	ug/L	100
34) Trichloroethene	6.542	95	52069	5.895	ug/L	99
35) Methylcyclohexane	6.764	83	78906	5.327	ug/L	99
37) 1,2-Dichloropropane	6.790	63	50795	5.350	ug/L	100
38) Bromodichloromethane	7.105	83	62025	5.344	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	71742	4.971	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	393375	55.766	ug/L	98
42) Toluene	7.970	91	197610	5.393	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	62868	5.015	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	35439	5.354	ug/L	96
47) Tetrachloroethene	8.552	164	34902	5.730	ug/L	97
48) 2-Hexanone	8.687	43	284622	56.530	ug/L	98
49) Dibromochloromethane	8.809	129	41133	5.447	ug/L	99
50) 1,2-Dibromoethane	8.925	107	33678	5.489	ug/L	99
51) Chlorobenzene	9.446	112	119536	5.358	ug/L	99
52) Ethylbenzene	9.571	91	213309	5.330	ug/L	99
53) m,p-Xylene	9.693	106	80095	5.385	ug/L	99
54) o-Xylene	10.098	106	78430	5.319	ug/L	99
55) Styrene	10.115	104	130986	5.304	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	48457	5.532	ug/L	97
59) Bromoform	10.291	173	22759	5.083	ug/L	98
60) Isopropylbenzene	10.484	105	209276	5.154	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	34958	5.226	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	179482	5.008	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	177380	4.995	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	92452	5.320	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	90893	5.292	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	87475	5.290	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	8047	4.414	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.221	180	69131	5.305	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	55546	5.362	ug/L	98
71) Naphthalene	14.085	128	103502	5.027	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52580	5.398	ug/L	99

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

Quant Time: Jun 17 01:29:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 01:23:56 2022
Response via : Initial Calibration

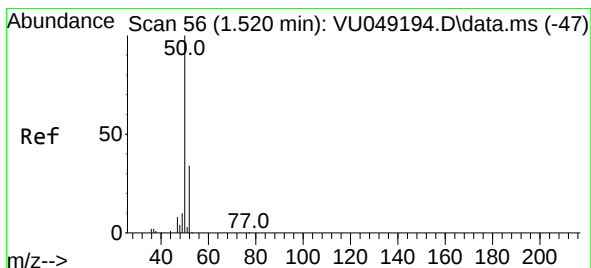
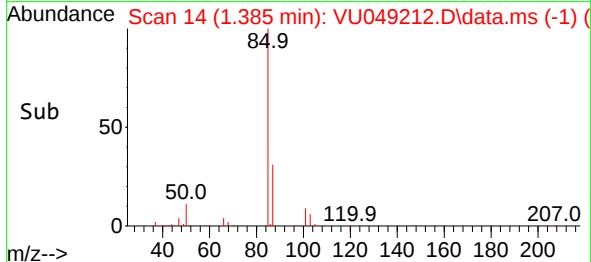
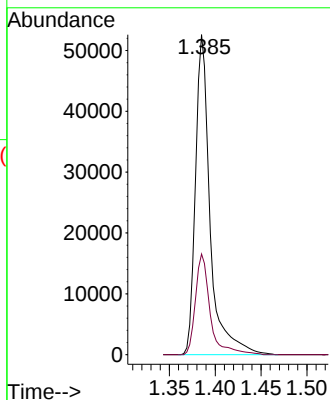
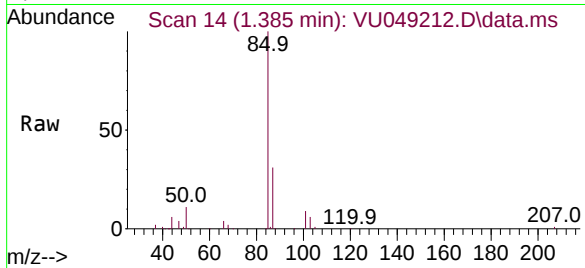




#2
Dichlorodifluoromethane
Concen: 5.497 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

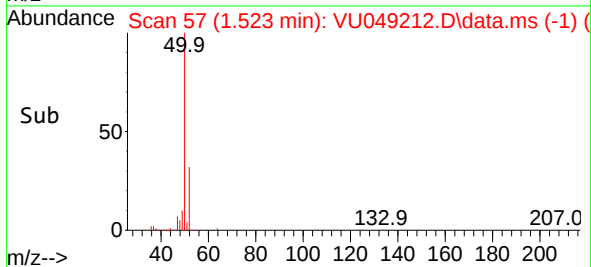
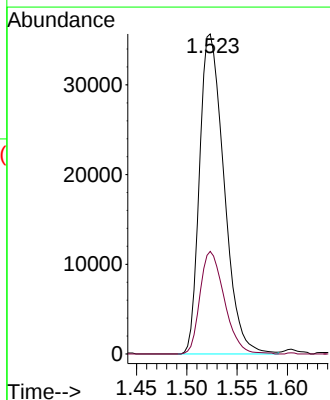
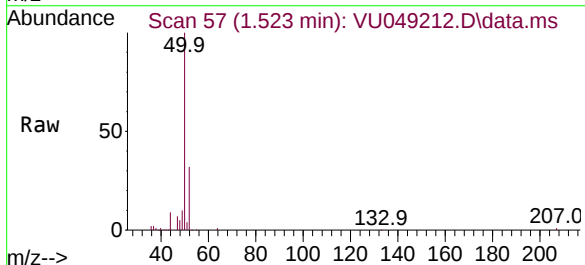
Instrument :
MSVOA_U
ClientSampleId :

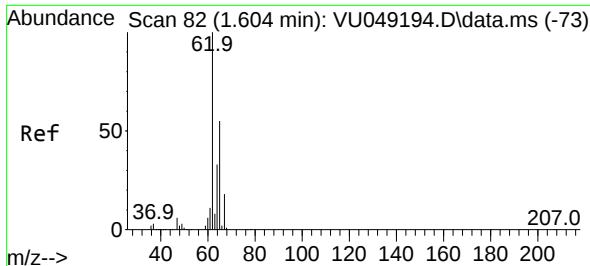
Tgt Ion: 85 Resp: 58262
Ion Ratio Lower Upper
85 100
87 31.7 25.5 38.3



#3
Chloromethane
Concen: 5.197 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion: 50 Resp: 60475
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1

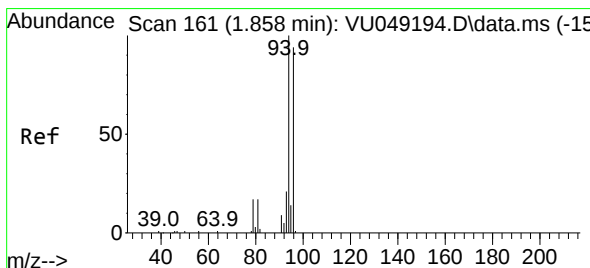
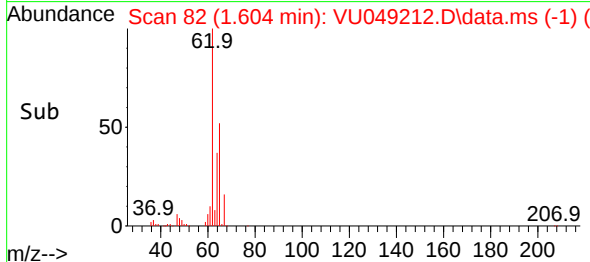
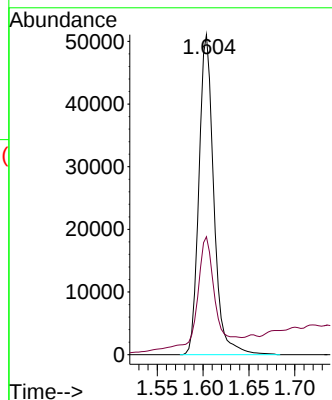
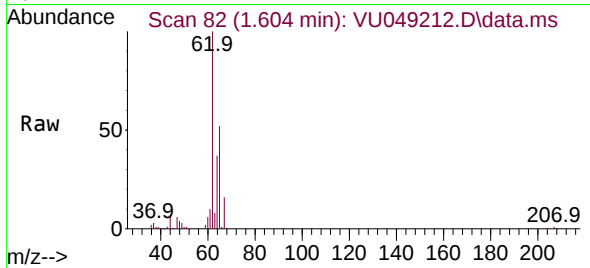




#5
 Vinyl chloride
 Concen: 5.517 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049212.D
 Acq: 16 Jun 2022 17:04

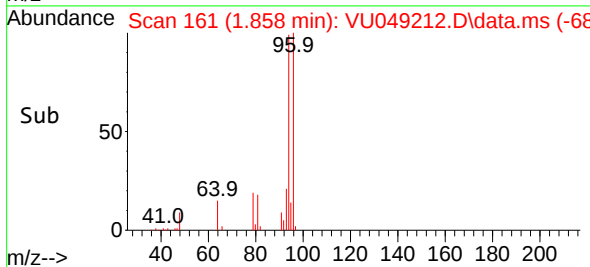
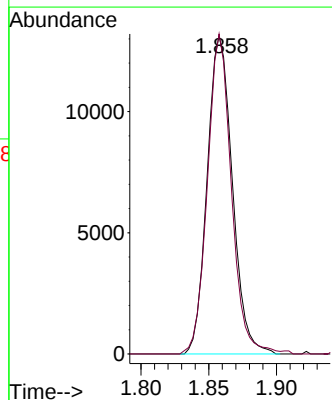
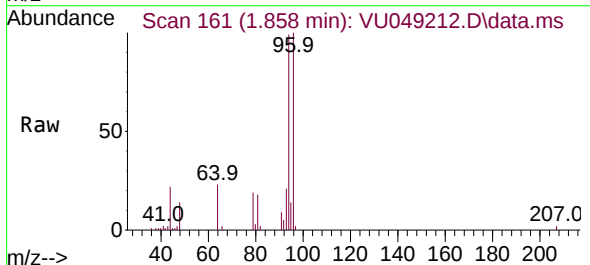
Instrument :
 MSVOA_U
 ClientSampleId :

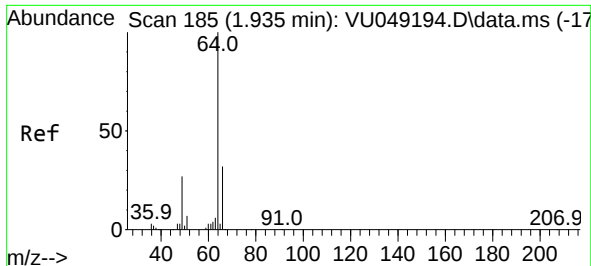
Tgt Ion: 62 Resp: 57586
 Ion Ratio Lower Upper
 62 100
 64 36.8 22.8 42.4



#6
 Bromomethane
 Concen: 2.957 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049212.D
 Acq: 16 Jun 2022 17:04

Tgt Ion: 94 Resp: 16982
 Ion Ratio Lower Upper
 94 100
 96 100.6 66.4 123.4

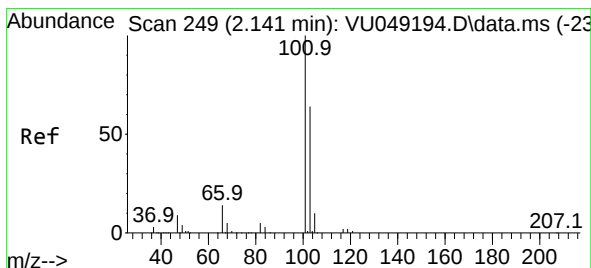
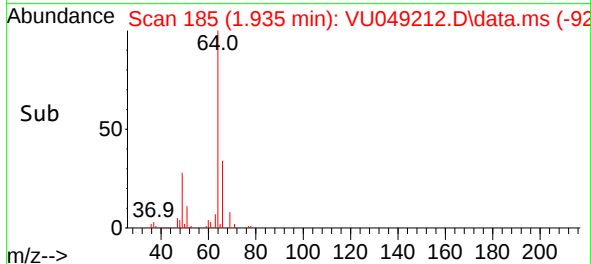
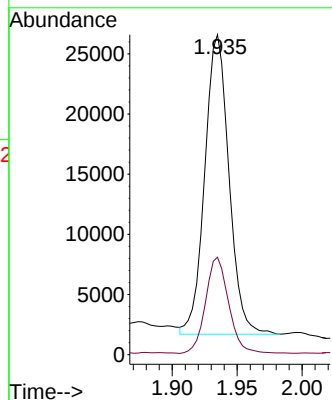
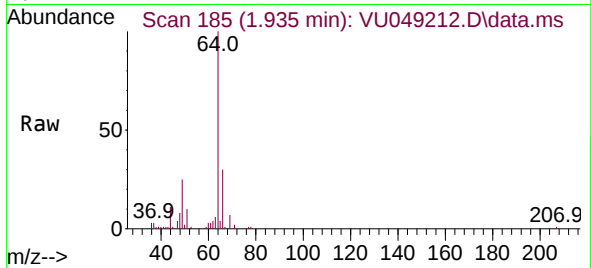




#8
Chloroethane
Concen: 5.340 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

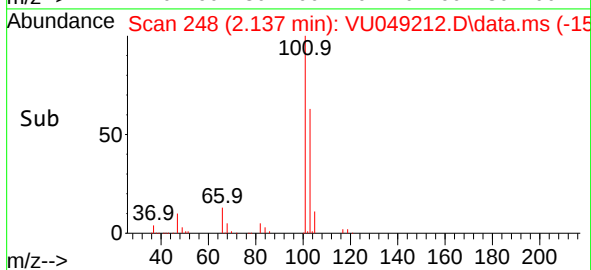
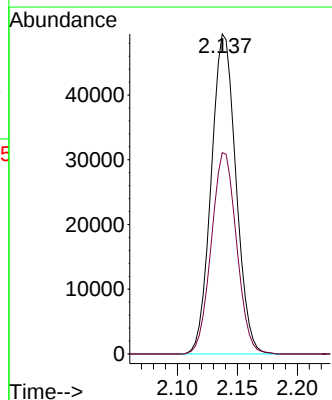
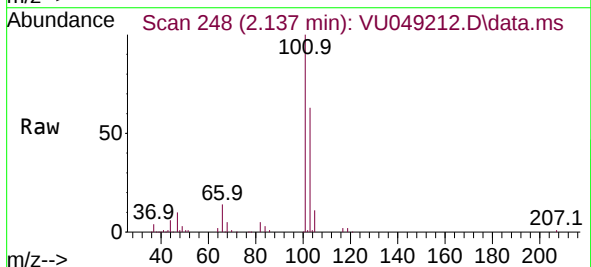
Instrument :
MSVOA_U
ClientSampleId :

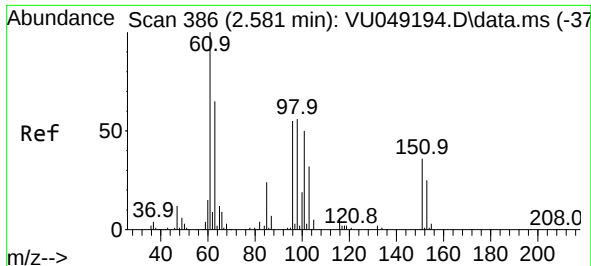
Tgt Ion: 64 Resp: 32267
Ion Ratio Lower Upper
64 100
66 30.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.841 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion: 101 Resp: 70760
Ion Ratio Lower Upper
101 100
103 64.3 53.5 80.3

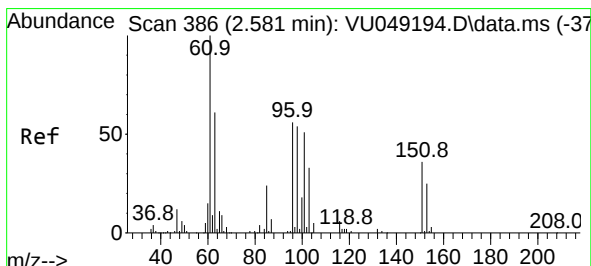
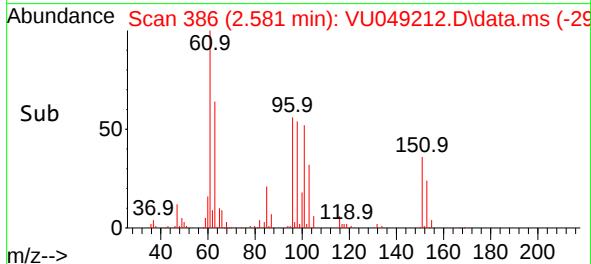
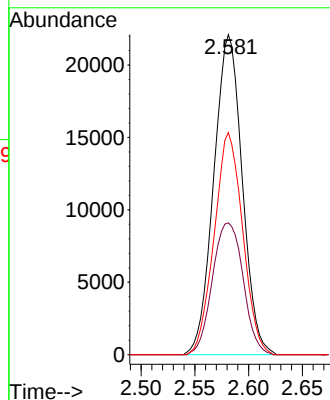
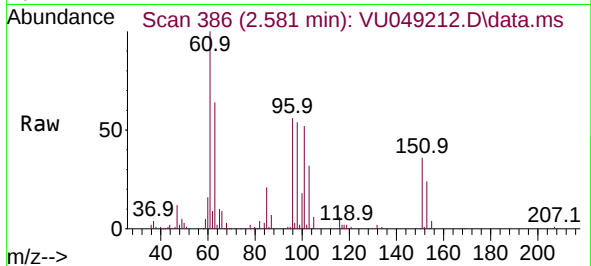




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.669 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049212.D
 Acq: 16 Jun 2022 17:04

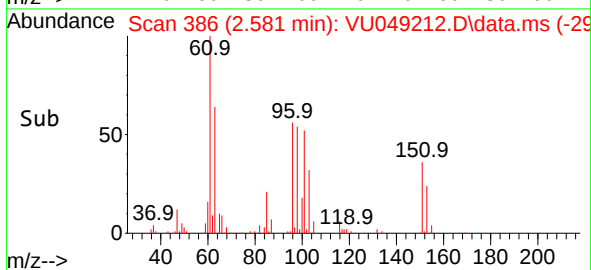
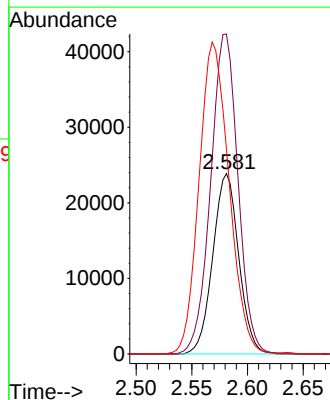
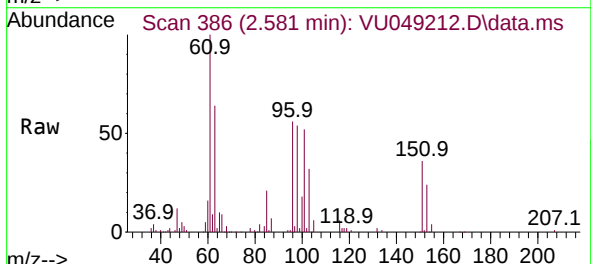
Instrument :
 MSVOA_U
 ClientSampleId :

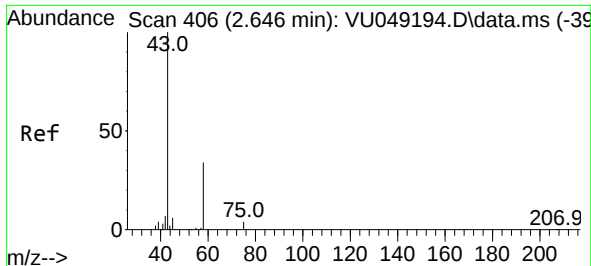
Tgt Ion:101 Resp: 40654
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.1 54.1
 151 69.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.531 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049212.D
 Acq: 16 Jun 2022 17:04

Tgt Ion: 96 Resp: 38615
 Ion Ratio Lower Upper
 96 100
 61 177.5 127.2 236.2
 63 113.8 94.7 175.9





#13

Acetone

Concen: 62.842 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

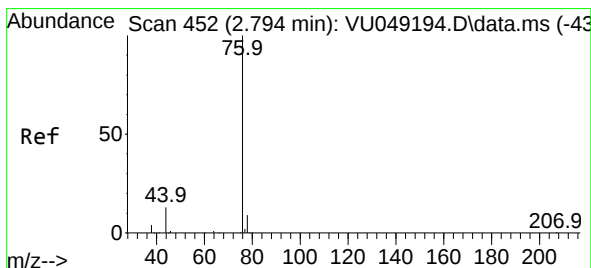
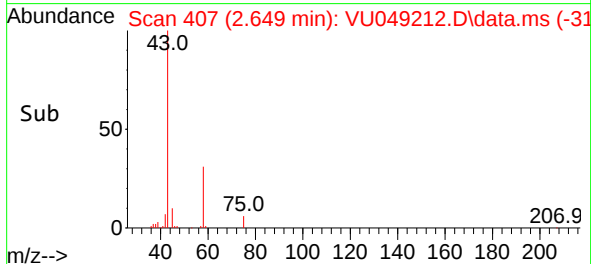
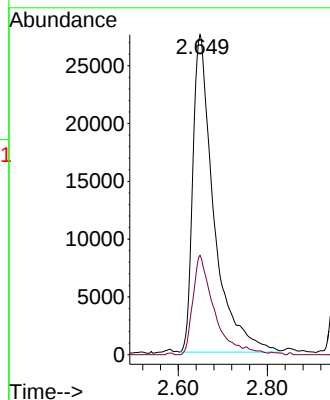
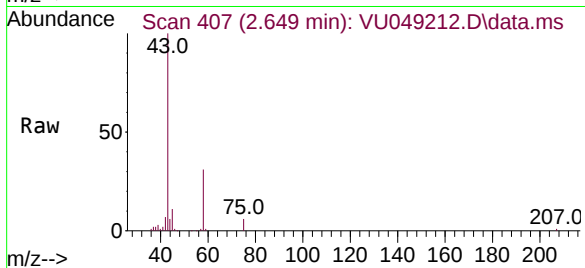
ClientSampleId :

Tgt Ion: 43 Resp: 90096

Ion Ratio Lower Upper

43 100

58 30.4 0.0 65.8



#14

Carbon disulfide

Concen: 5.491 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049212.D

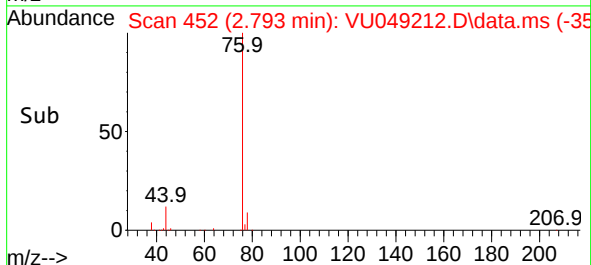
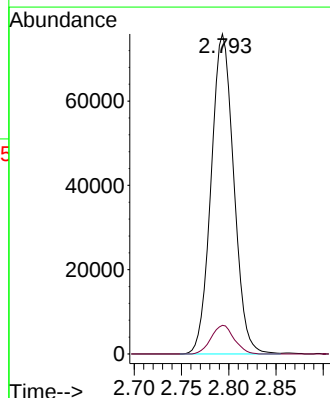
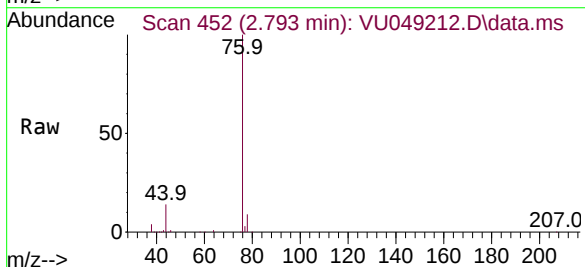
Acq: 16 Jun 2022 17:04

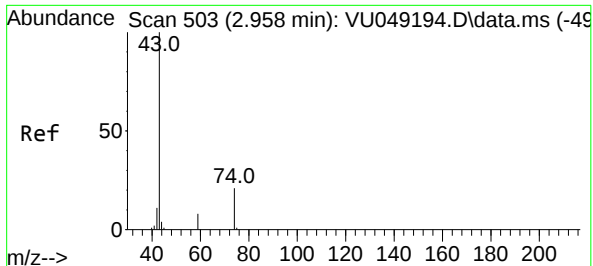
Tgt Ion: 76 Resp: 126621

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

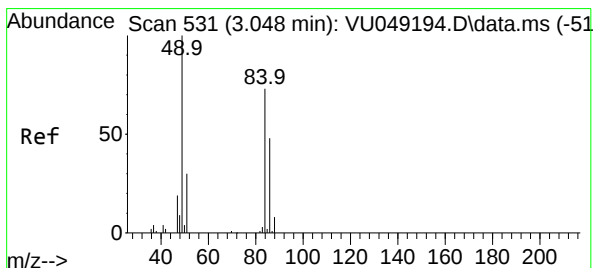
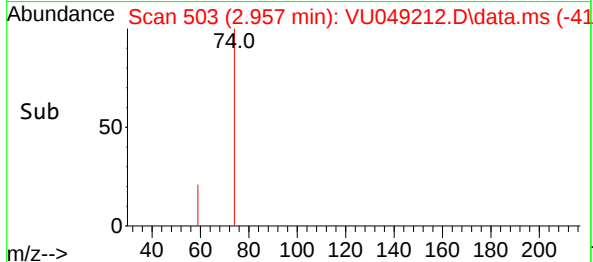
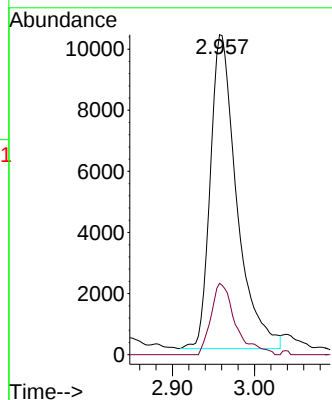
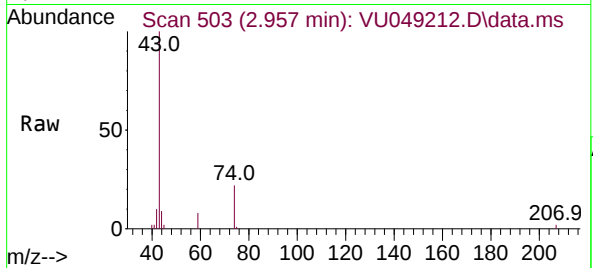




#15
Methyl Acetate
Concen: 6.006 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

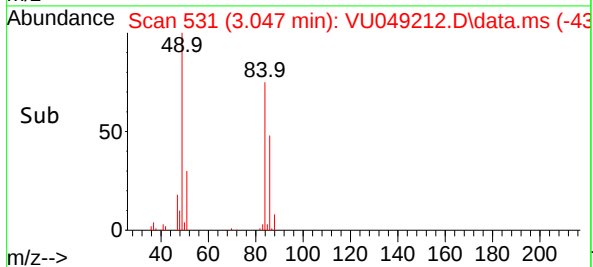
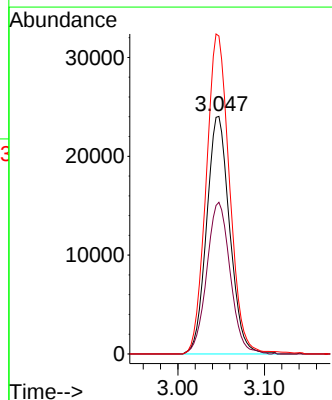
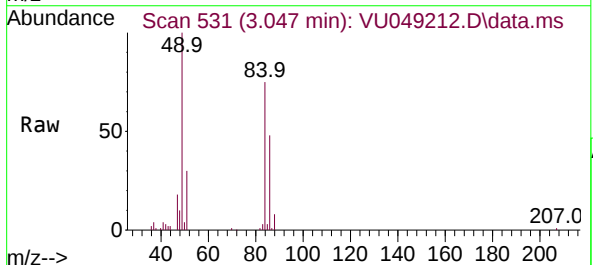
Instrument :
MSVOA_U
ClientSampleId :

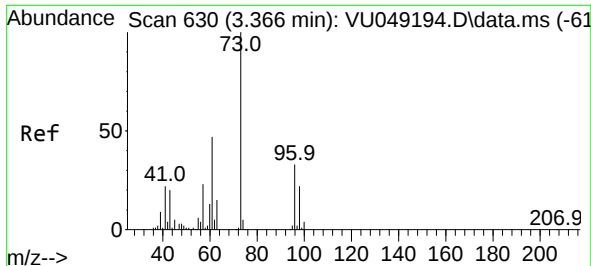
Tgt Ion: 43 Resp: 23029
Ion Ratio Lower Upper
43 100
74 21.0 17.6 26.4



#16
Methylene chloride
Concen: 4.846 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion: 84 Resp: 44511
Ion Ratio Lower Upper
84 100
86 63.8 43.6 81.0
49 133.7 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 5.442 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

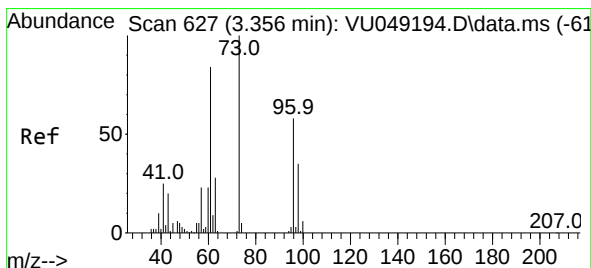
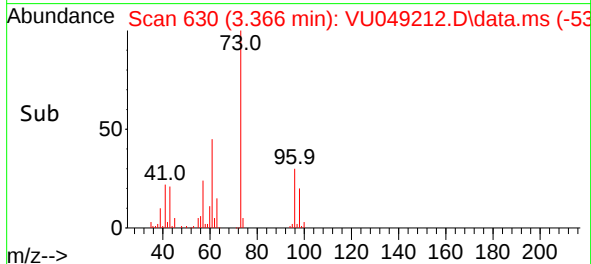
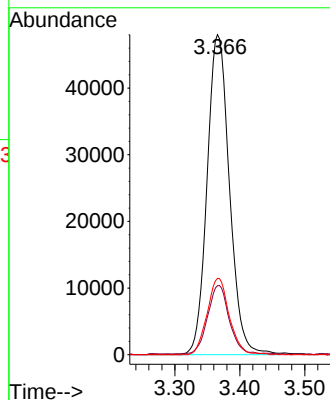
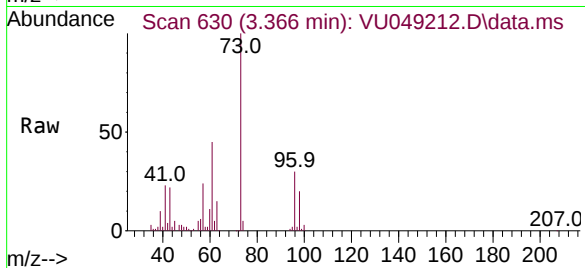
Tgt Ion: 73 Resp: 114908

Ion Ratio Lower Upper

73 100

43 20.5 16.5 24.7

57 23.6 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 5.436 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

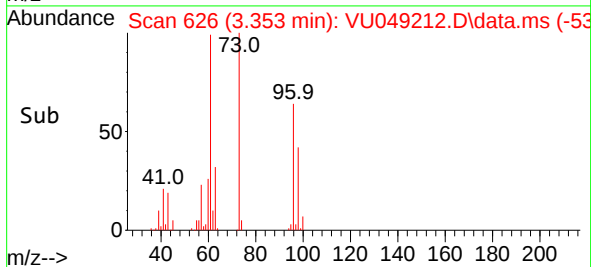
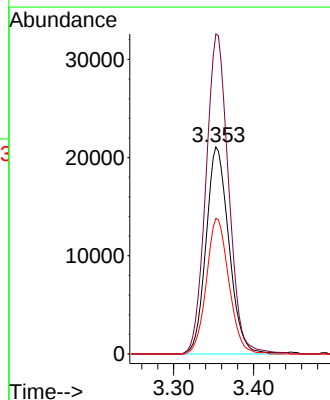
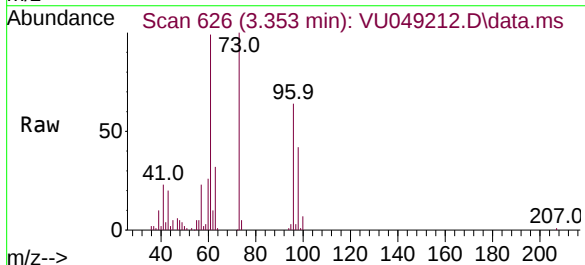
Tgt Ion: 96 Resp: 42050

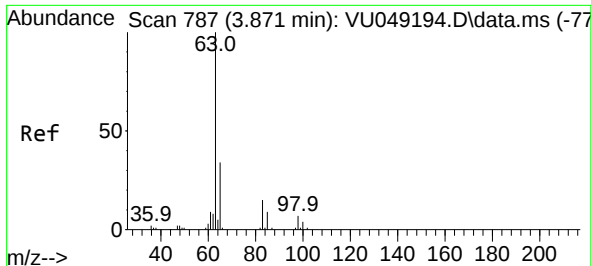
Ion Ratio Lower Upper

96 100

61 154.6 103.3 191.9

98 65.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.522 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

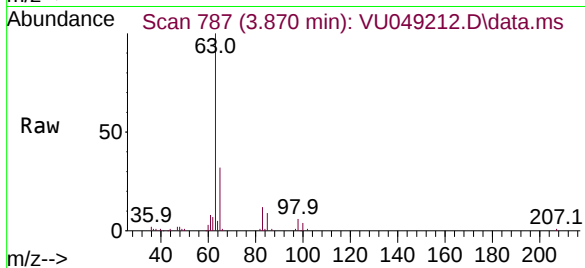
Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :



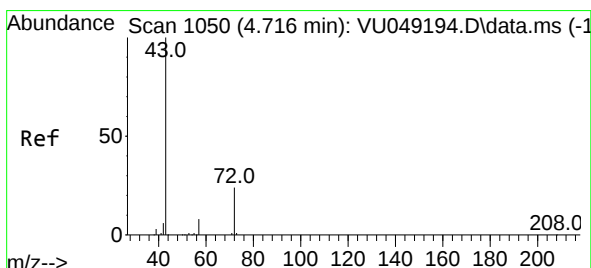
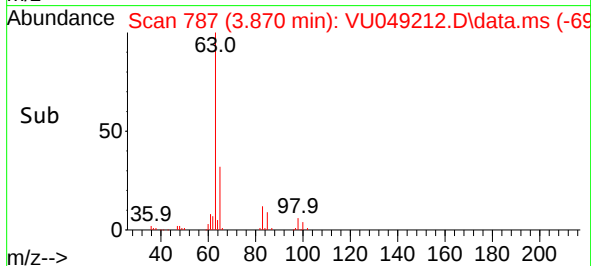
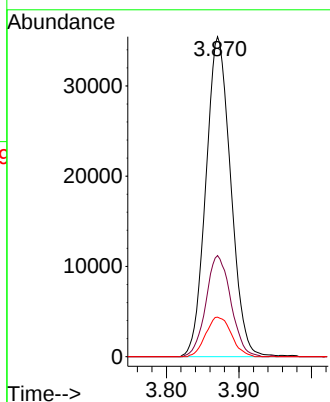
Tgt Ion: 63 Resp: 84216

Ion Ratio Lower Upper

63 100

65 31.6 24.0 44.6

83 12.3 9.1 16.9



#21

2-Butanone

Concen: 58.951 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU049212.D

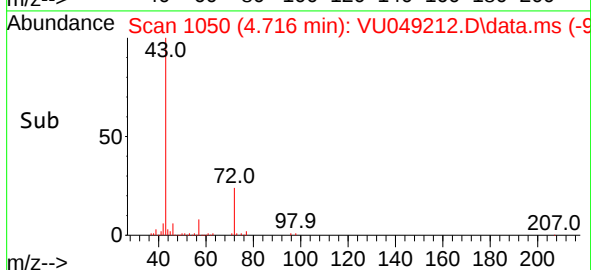
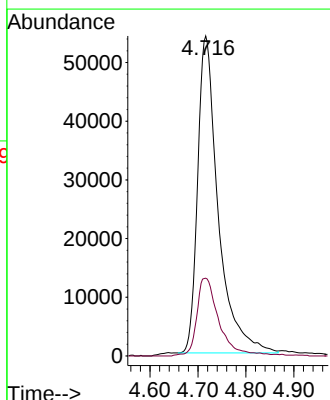
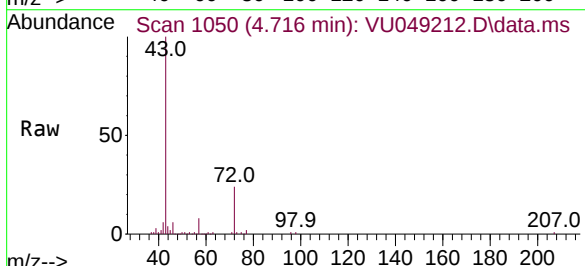
Acq: 16 Jun 2022 17:04

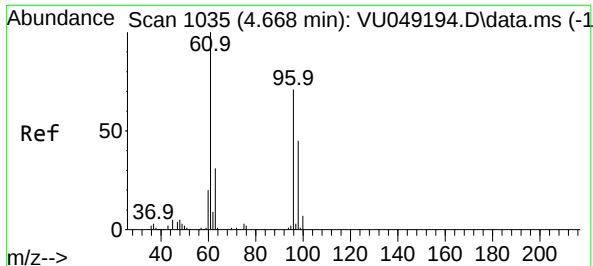
Tgt Ion: 43 Resp: 161160

Ion Ratio Lower Upper

43 100

72 25.9 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 5.577 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

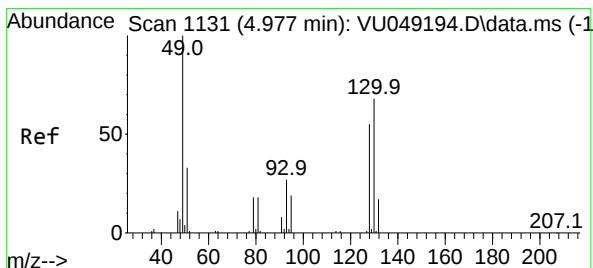
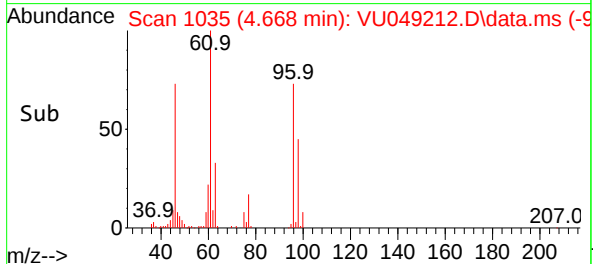
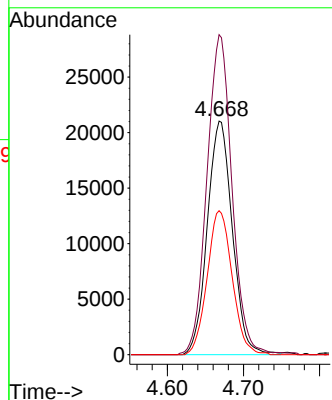
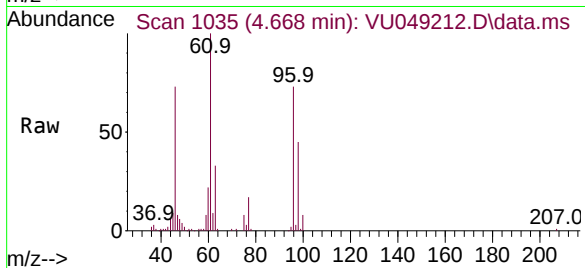
Tgt Ion: 96 Resp: 48245

Ion Ratio Lower Upper

96 100

61 137.0 99.5 184.9

98 61.7 44.8 83.2



#23

Bromochloromethane

Concen: 5.499 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Tgt Ion:128 Resp: 20366

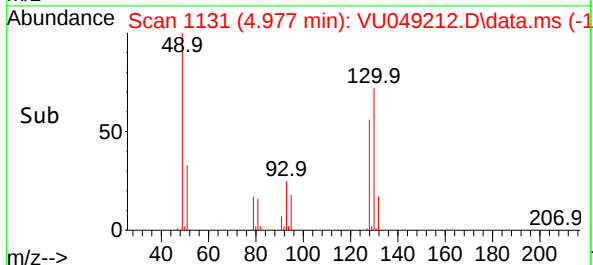
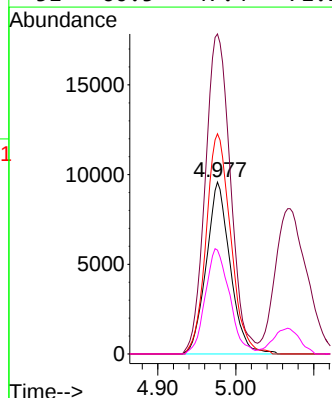
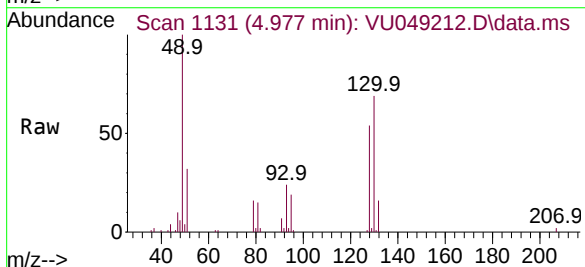
Ion Ratio Lower Upper

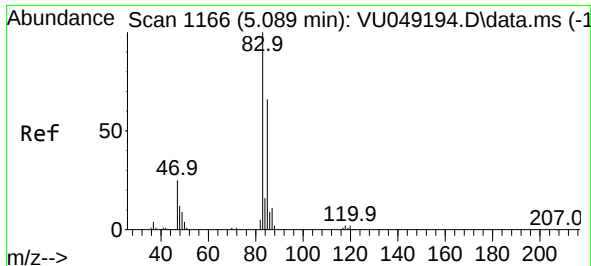
128 100

49 186.3 131.6 244.4

130 128.1 86.9 161.5

51 60.5 47.4 71.2





#25

Chloroform

Concen: 5.522 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

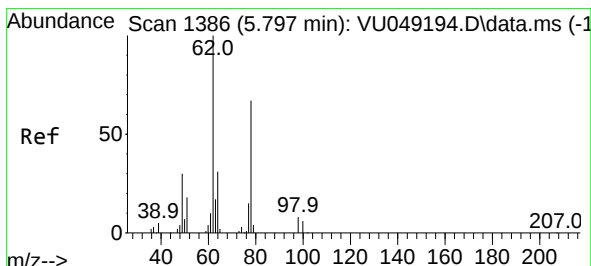
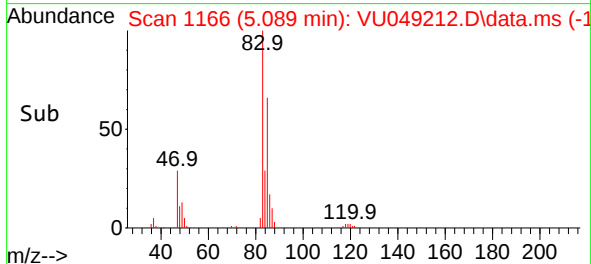
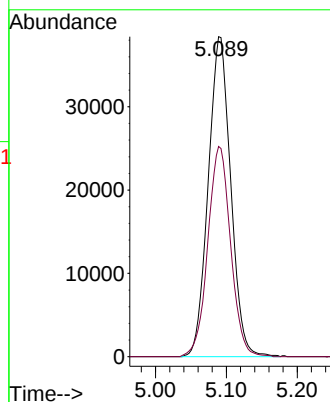
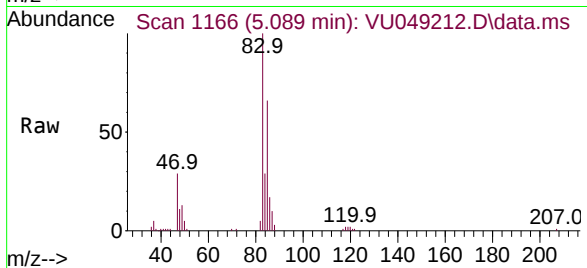
ClientSampleId :

Tgt Ion: 83 Resp: 84541

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.701 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049212.D

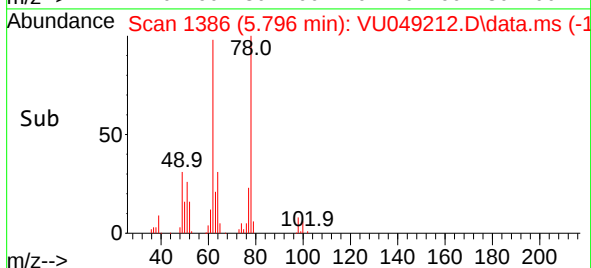
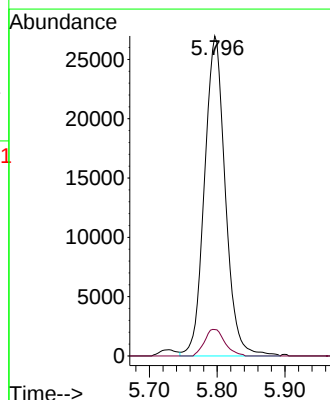
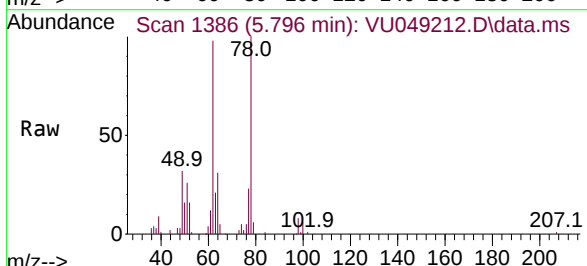
Acq: 16 Jun 2022 17:04

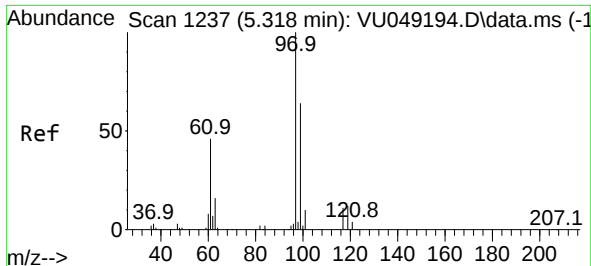
Tgt Ion: 62 Resp: 57491

Ion Ratio Lower Upper

62 100

98 8.3 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 5.183 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

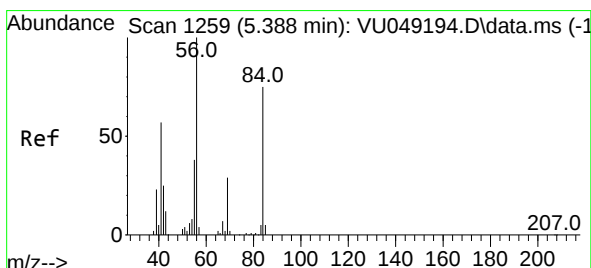
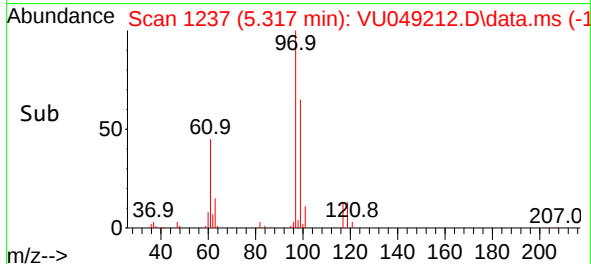
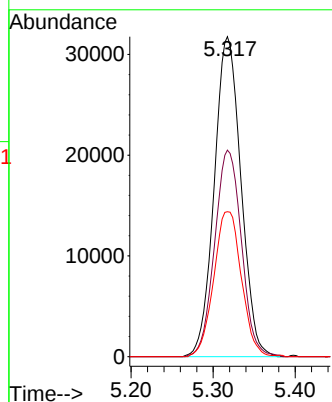
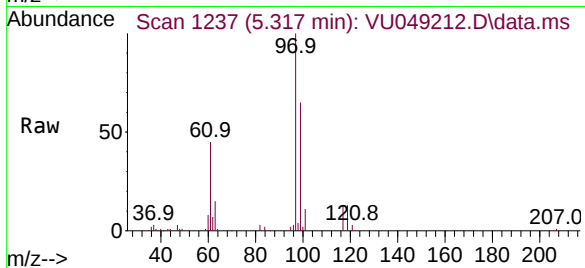
Tgt Ion: 97 Resp: 71927

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 46.8 36.2 54.4



#30

Cyclohexane

Concen: 5.228 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

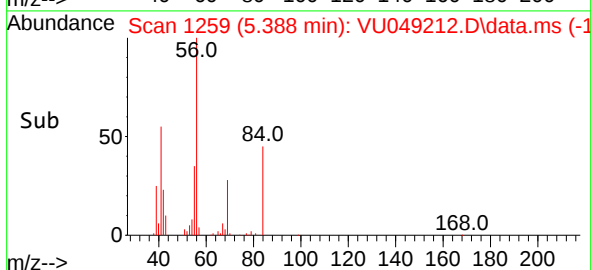
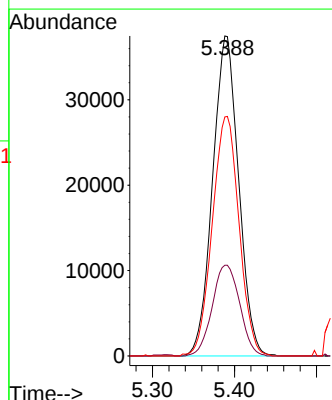
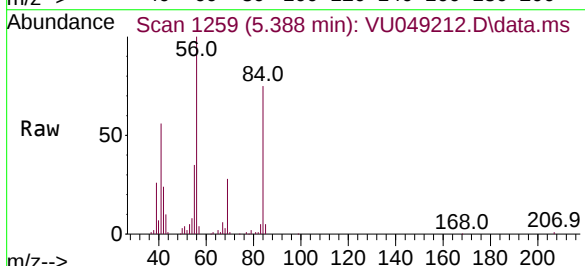
Tgt Ion: 56 Resp: 82472

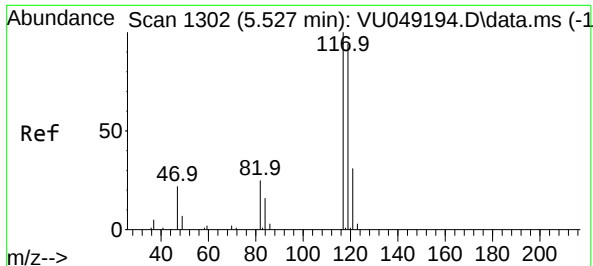
Ion Ratio Lower Upper

56 100

69 30.0 23.8 35.6

84 77.0 61.2 91.8

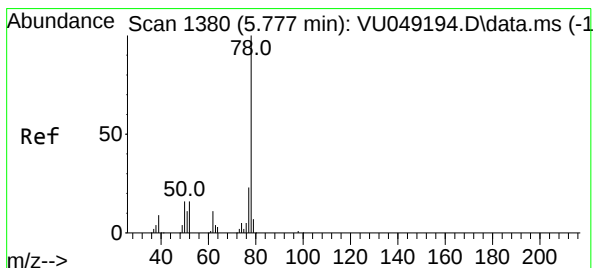
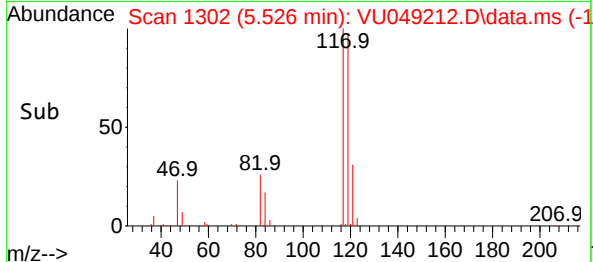
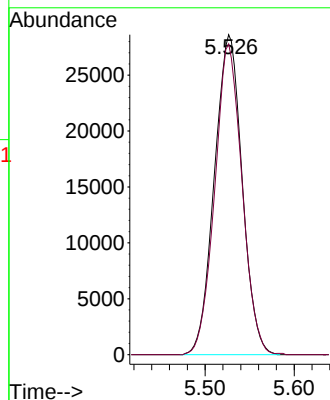
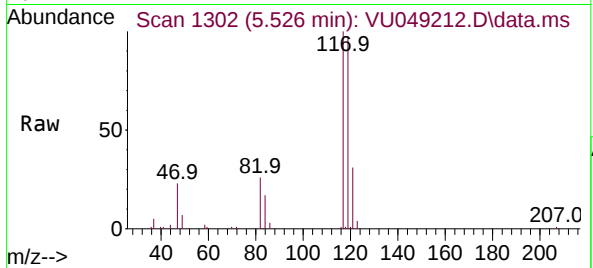




#31
Carbon tetrachloride
Concen: 5.332 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

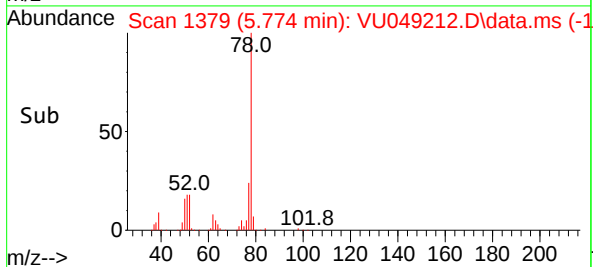
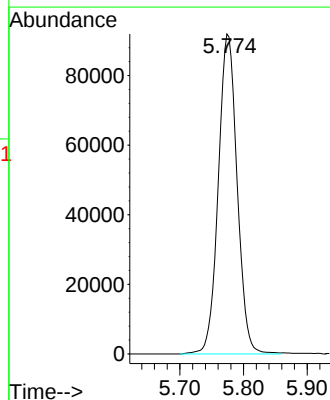
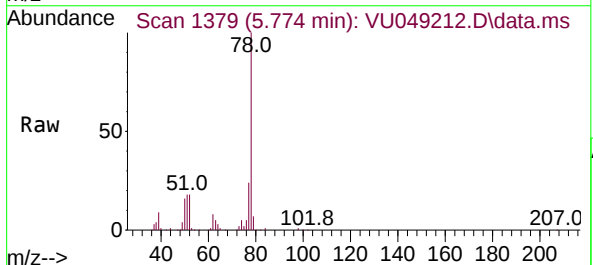
Instrument :
MSVOA_U
ClientSampleId :

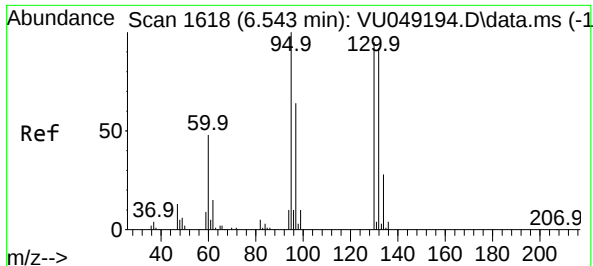
Tgt Ion:117 Resp: 61951
Ion Ratio Lower Upper
117 100
119 95.3 78.3 117.5



#33
Benzene
Concen: 5.472 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion: 78 Resp: 189098





#34

Trichloroethene

Concen: 5.895 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

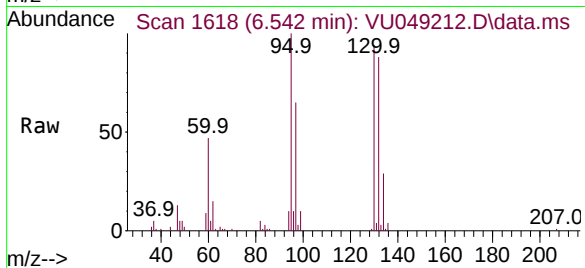
Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 52069

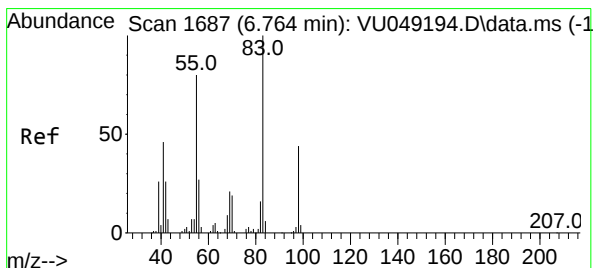
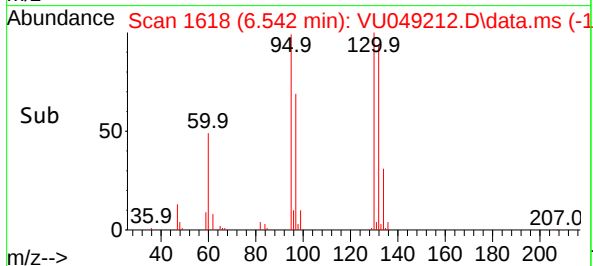
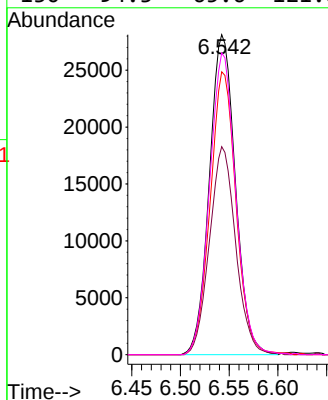
Ion Ratio Lower Upper

95 100

97 65.0 45.3 84.1

132 88.4 61.5 114.3

130 94.3 65.6 121.8



#35

Methylcyclohexane

Concen: 5.327 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

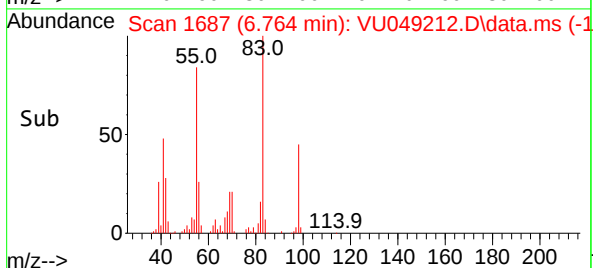
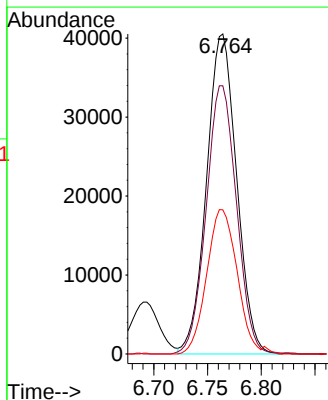
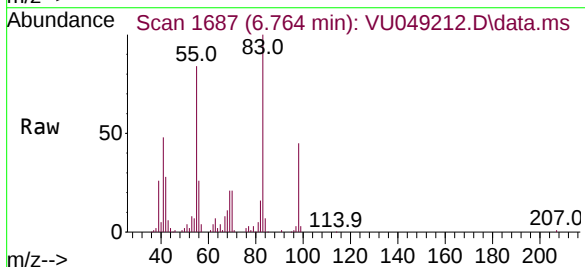
Tgt Ion: 83 Resp: 78906

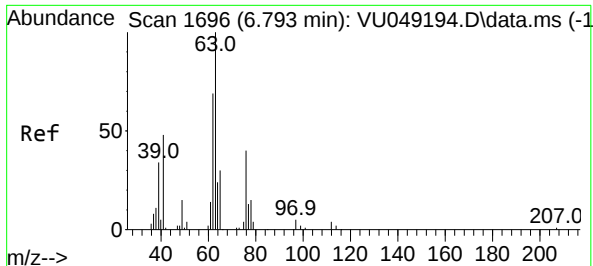
Ion Ratio Lower Upper

83 100

55 84.5 66.9 100.3

98 45.9 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.350 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

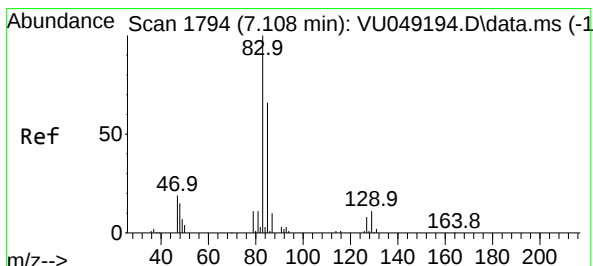
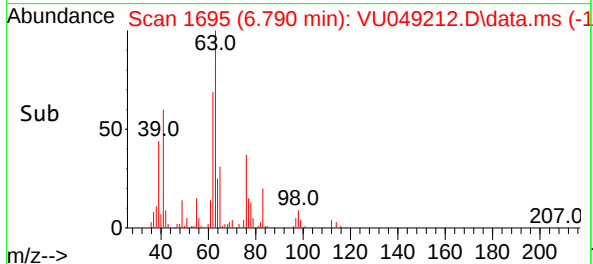
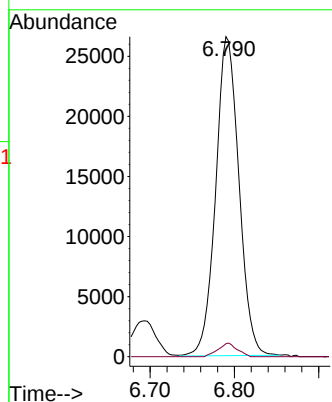
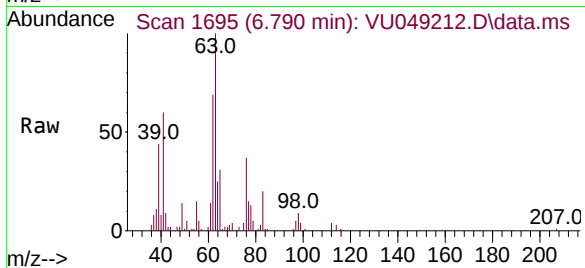
ClientSampleId :

Tgt Ion: 63 Resp: 50795

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 5.344 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

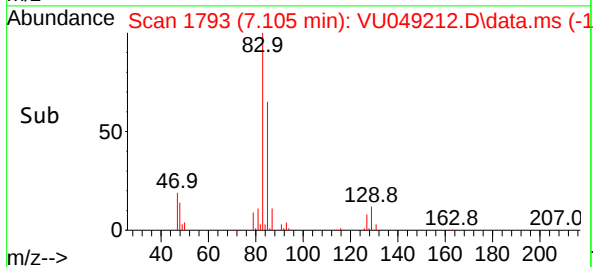
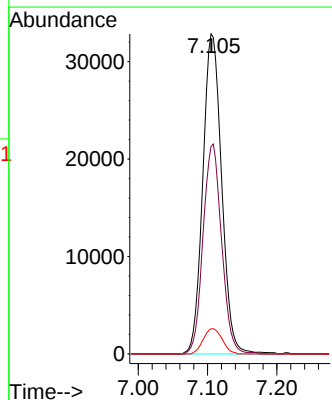
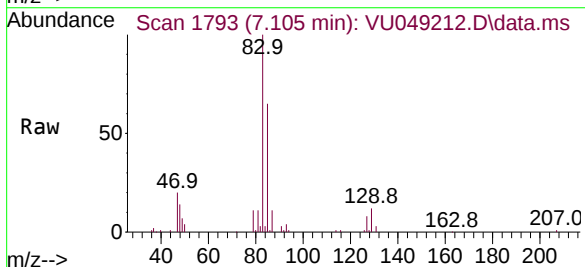
Tgt Ion: 83 Resp: 62025

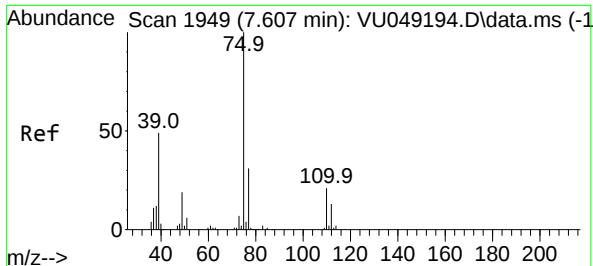
Ion Ratio Lower Upper

83 100

85 64.9 45.5 84.5

127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.971 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

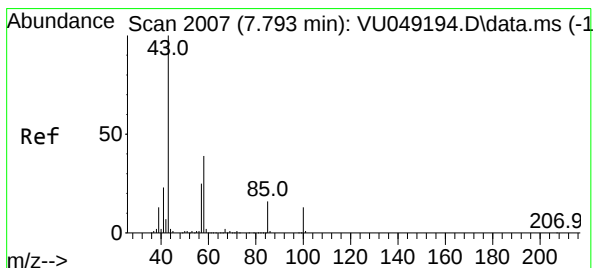
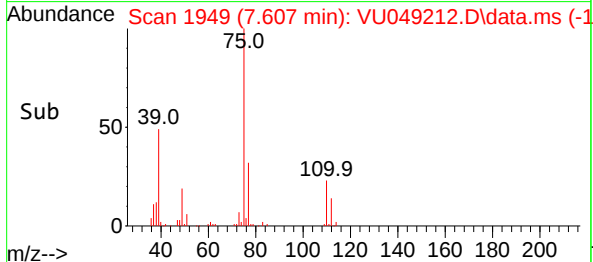
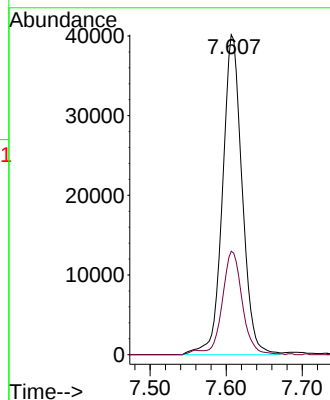
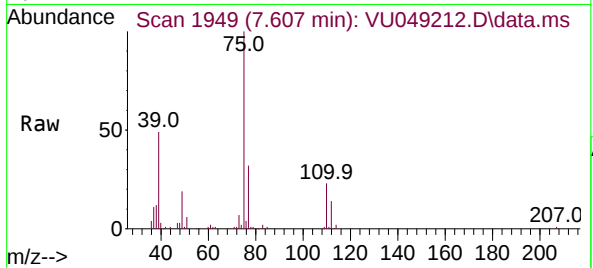
ClientSampleId :

Tgt Ion: 75 Resp: 71742

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 55.766 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

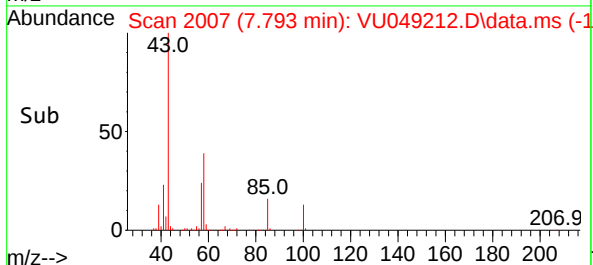
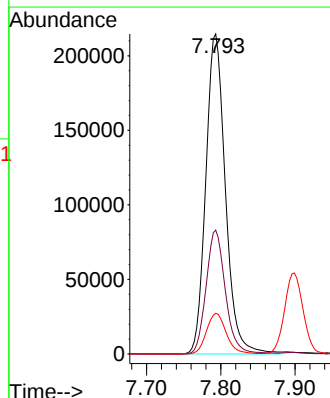
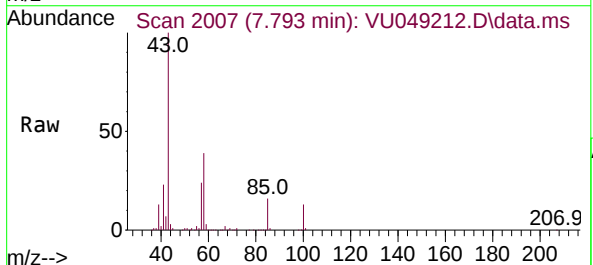
Tgt Ion: 43 Resp: 393375

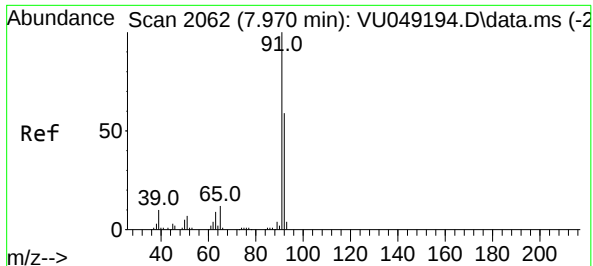
Ion Ratio Lower Upper

43 100

58 38.1 31.4 47.2

100 12.8 10.5 15.7





#42

Toluene

Concen: 5.393 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

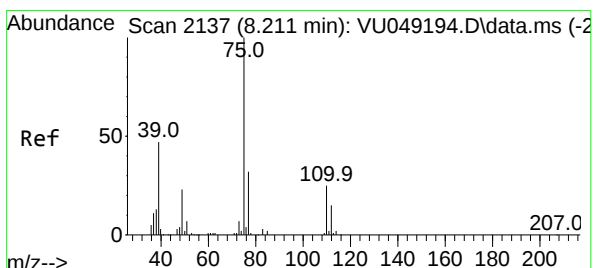
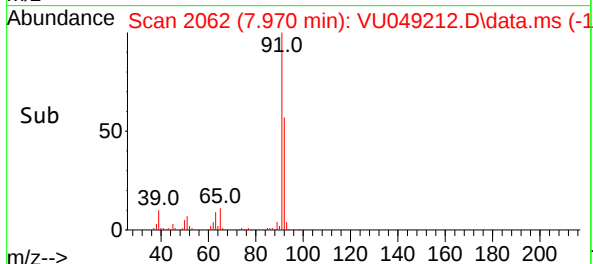
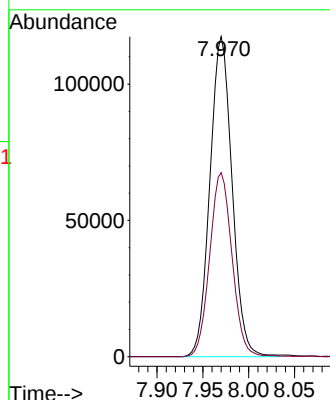
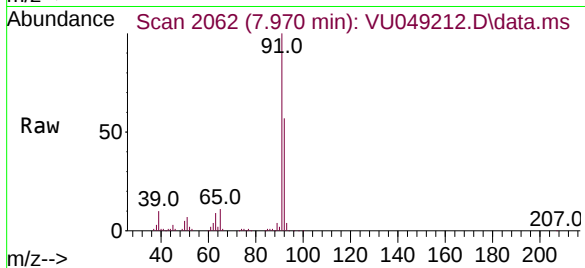
ClientSampleId :

Tgt Ion: 91 Resp: 197610

Ion Ratio Lower Upper

91 100

92 57.5 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.015 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049212.D

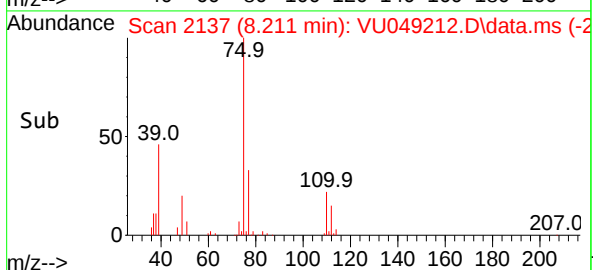
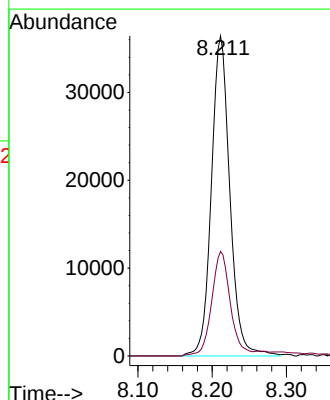
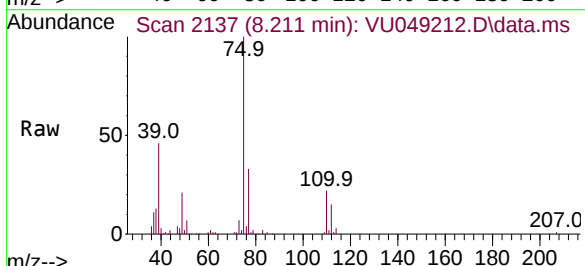
Acq: 16 Jun 2022 17:04

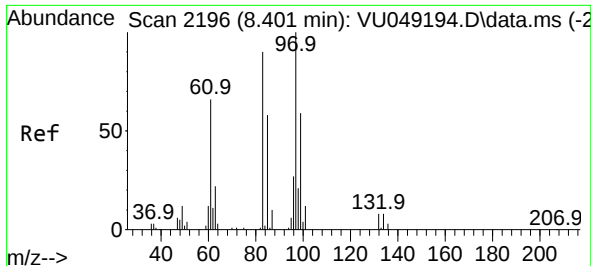
Tgt Ion: 75 Resp: 62868

Ion Ratio Lower Upper

75 100

77 32.6 21.1 39.3

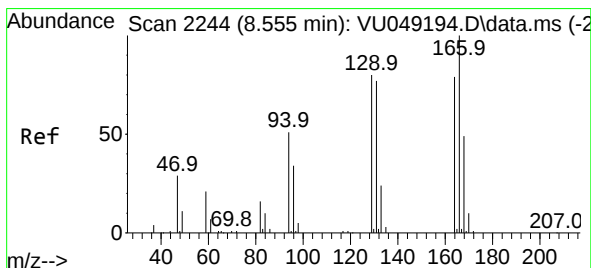
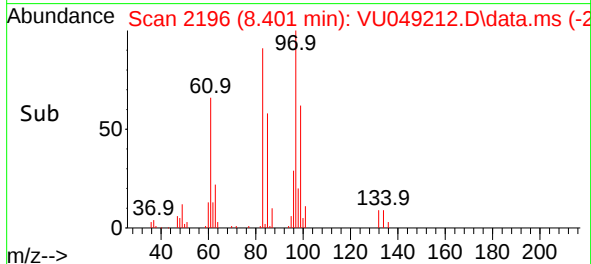
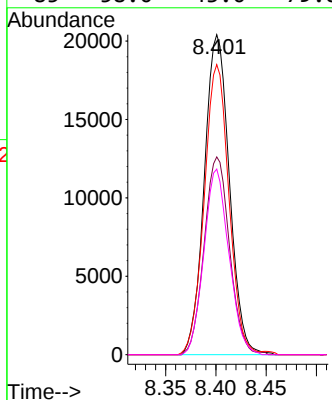
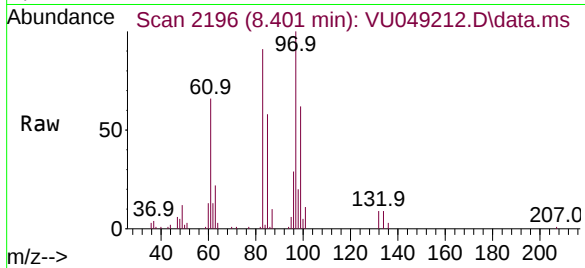




#45
1,1,2-Trichloroethane
Concen: 5.354 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

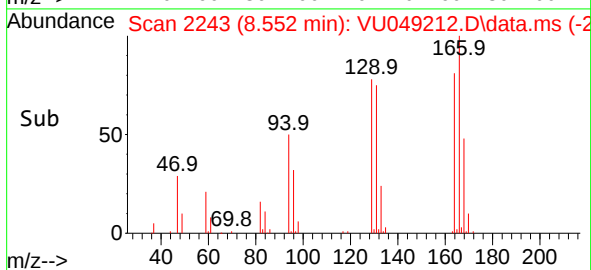
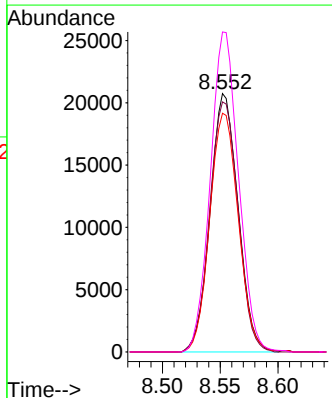
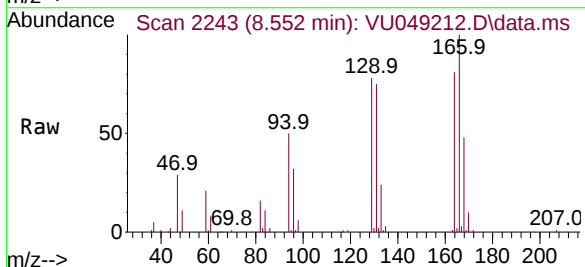
Instrument :
MSVOA_U
ClientSampleId :

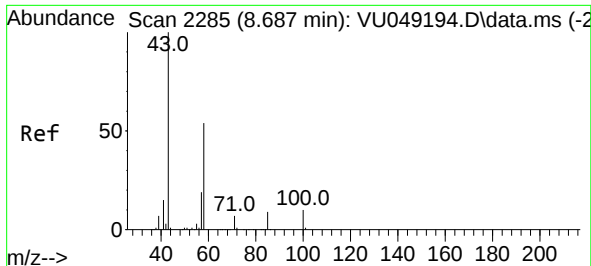
Tgt Ion:	97	Resp:	35439
Ion	Ratio	Lower	Upper
97	100		
99	61.8	45.6	84.8
83	90.6	65.4	121.4
85	58.0	43.0	79.8



#47
Tetrachloroethene
Concen: 5.730 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

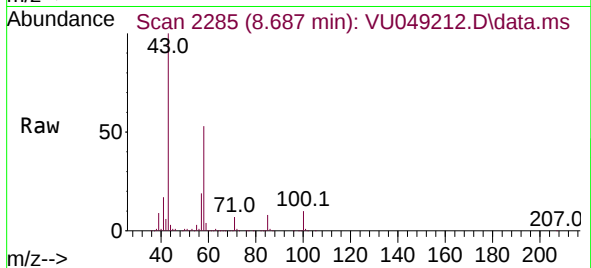
Tgt Ion:	164	Resp:	34902
Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.8	129.6
131	92.4	67.8	125.8
166	123.8	87.3	162.1



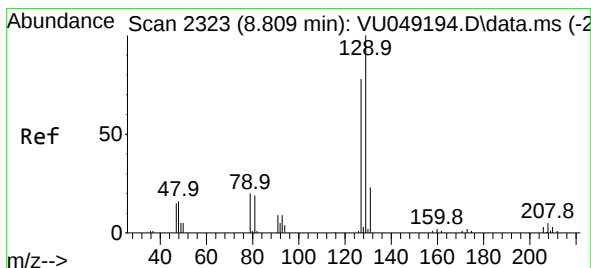
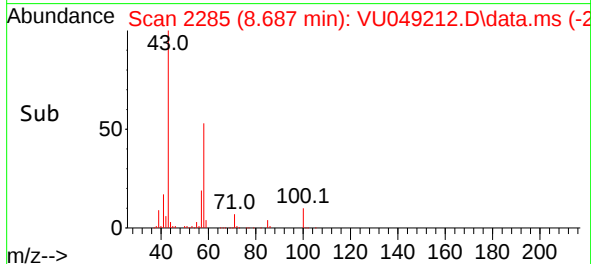
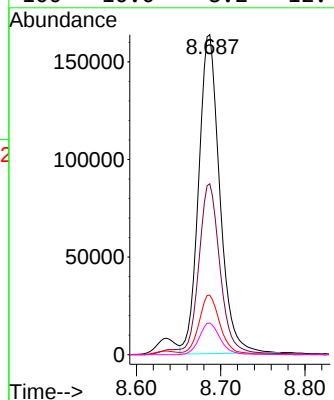


#48
2-Hexanone
Concen: 56.530 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :

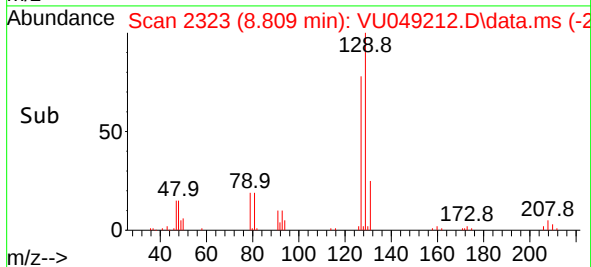
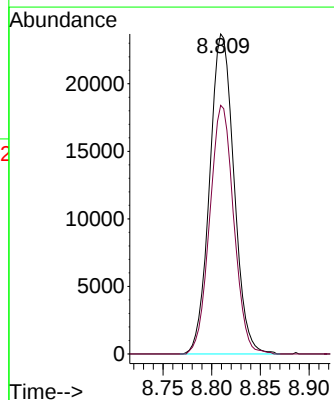
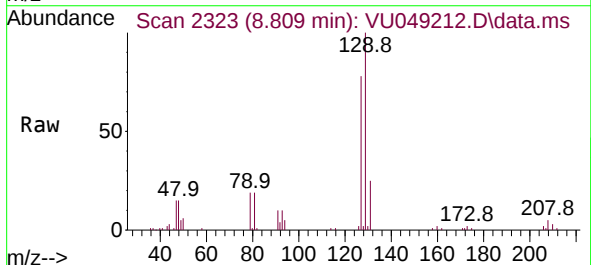


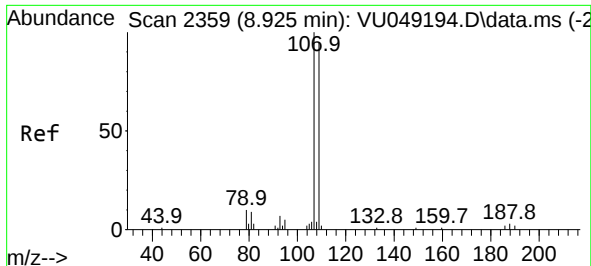
Tgt Ion: 43 Resp: 284622
Ion Ratio Lower Upper
43 100
58 55.8 43.4 65.0
57 18.7 14.9 22.3
100 10.0 8.2 12.4



#49
Dibromochloromethane
Concen: 5.447 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion: 129 Resp: 41133
Ion Ratio Lower Upper
129 100
127 77.7 54.9 101.9





#50

1,2-Dibromoethane

Concen: 5.489 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049212.D

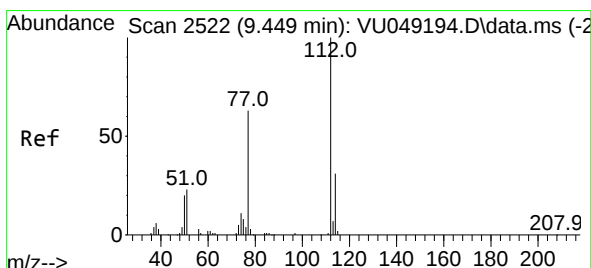
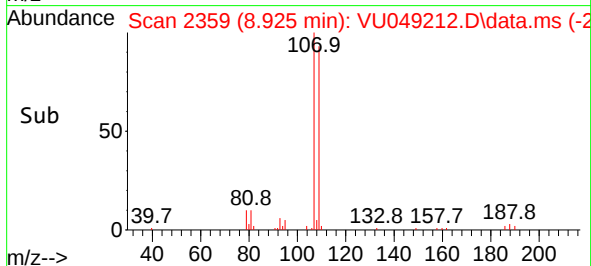
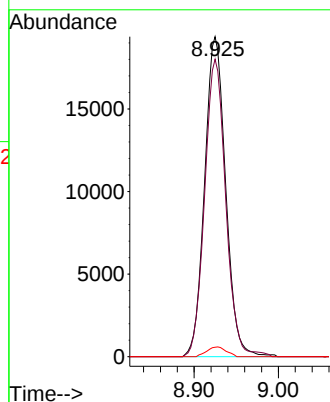
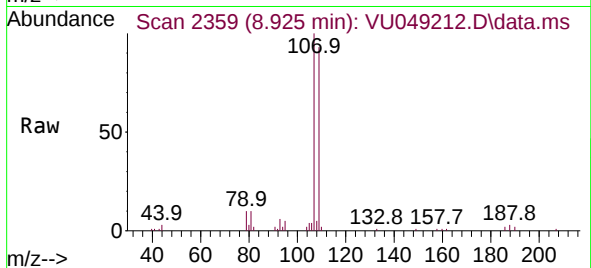
Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	33678
Ion	Ratio	Lower	Upper
107	100		
109	92.9	64.4	119.6
188	3.0	2.9	4.3



#51

Chlorobenzene

Concen: 5.358 ug/L

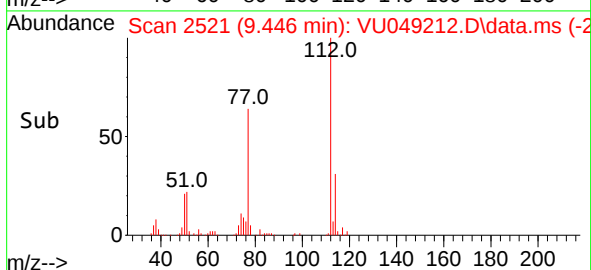
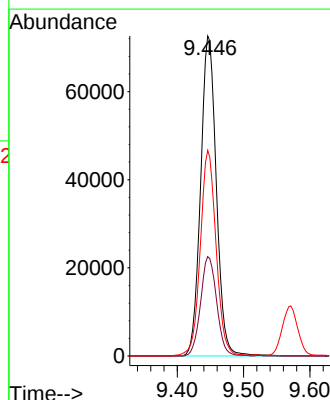
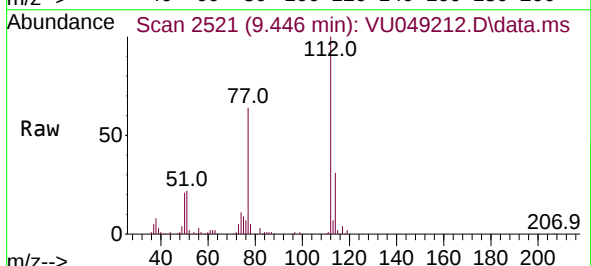
RT: 9.446 min Scan# 2521

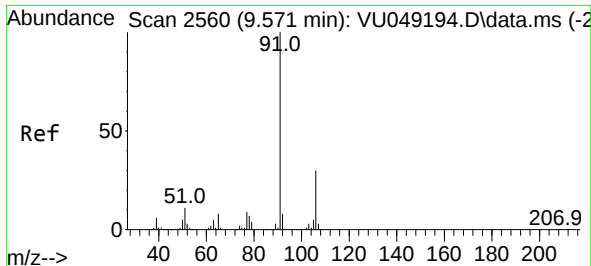
Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Tgt Ion:	112	Resp:	119536
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.3	41.3
77	64.3	51.0	76.6

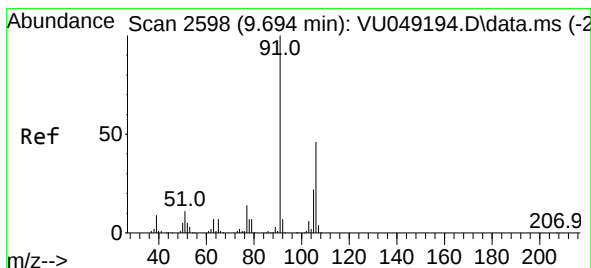
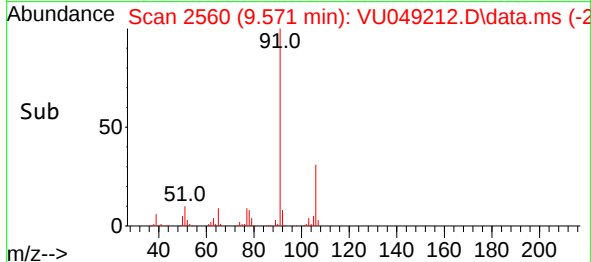
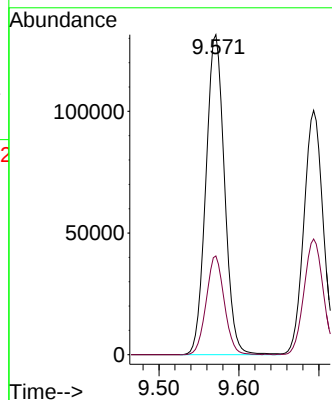
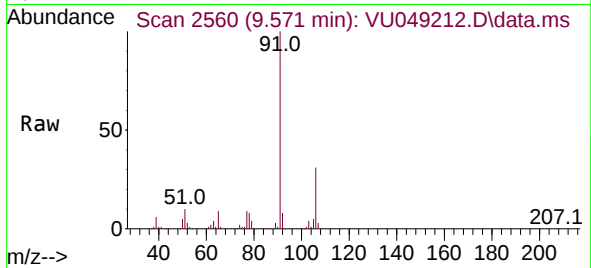




#52
Ethylbenzene
Concen: 5.330 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

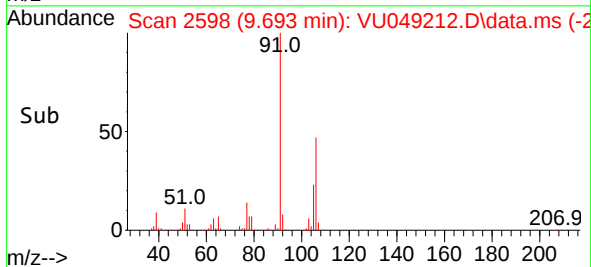
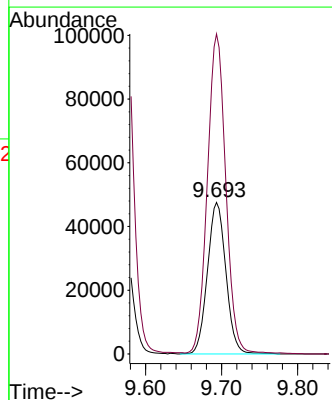
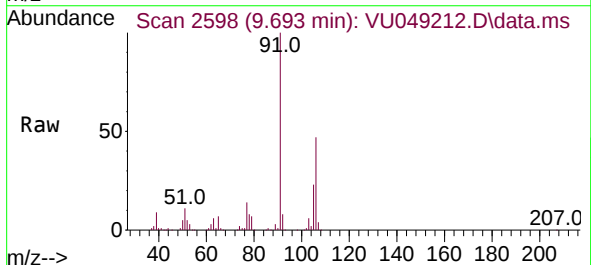
Instrument :
MSVOA_U
ClientSampleId :

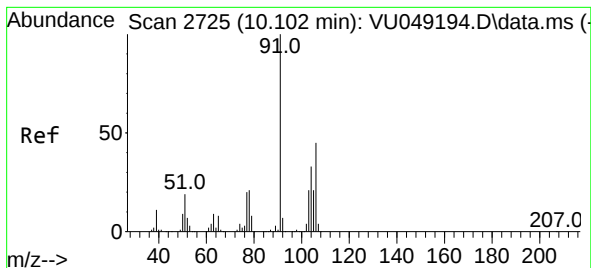
Tgt Ion: 91 Resp: 213309
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 5.385 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion:106 Resp: 80095
Ion Ratio Lower Upper
106 100
91 211.1 148.5 275.7





#54

o-Xylene

Concen: 5.319 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

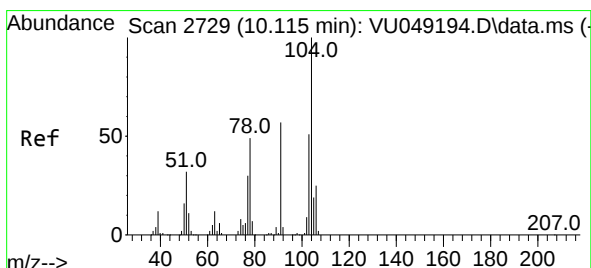
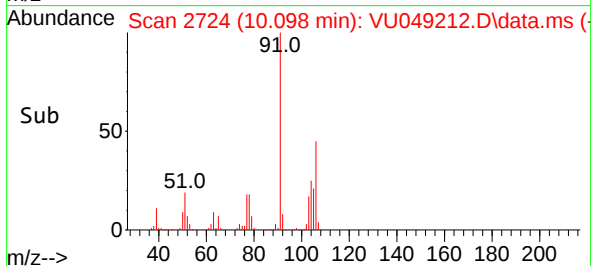
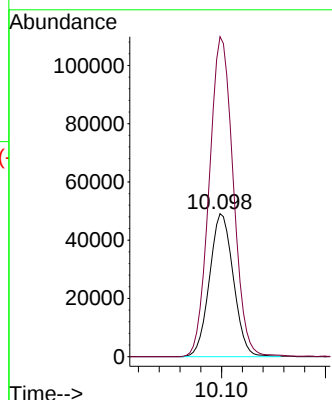
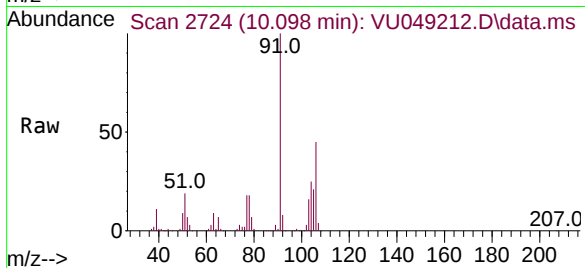
ClientSampleId :

Tgt Ion:106 Resp: 78430

Ion Ratio Lower Upper

106 100

91 223.6 157.5 292.5



#55

Styrene

Concen: 5.304 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU049212.D

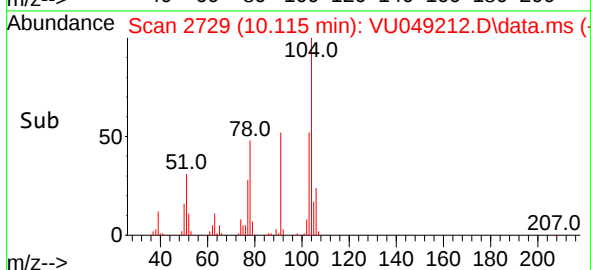
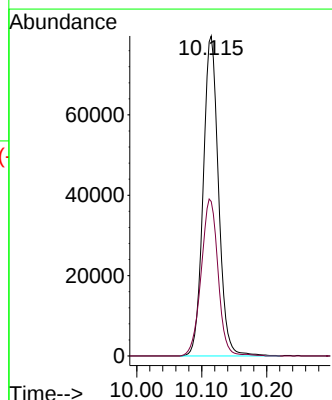
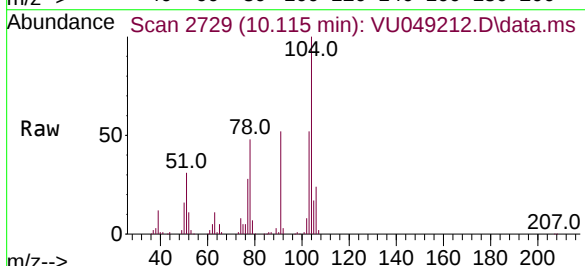
Acq: 16 Jun 2022 17:04

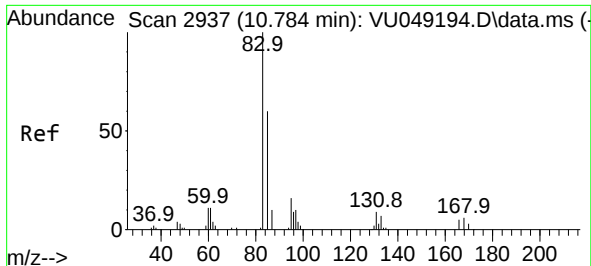
Tgt Ion:104 Resp: 130986

Ion Ratio Lower Upper

104 100

78 48.3 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.532 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049212.D

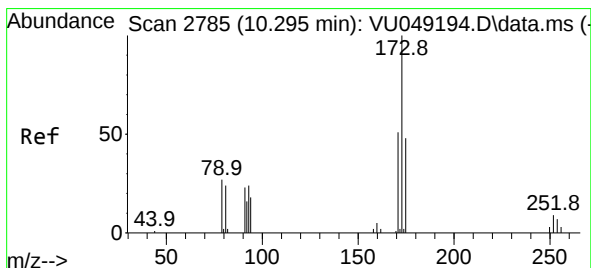
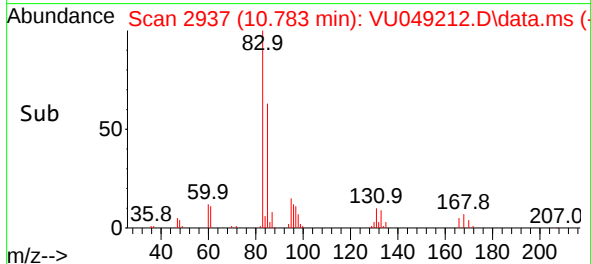
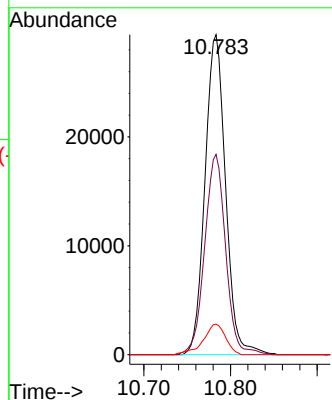
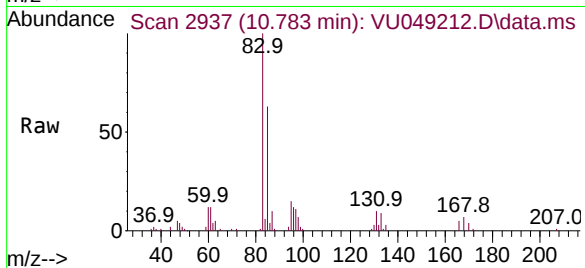
Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	48457
Ion Ratio	Lower	Upper	
83	100		
85	62.6	45.4	84.4
131	9.6	7.1	10.7



#59

Bromoform

Concen: 5.083 ug/L

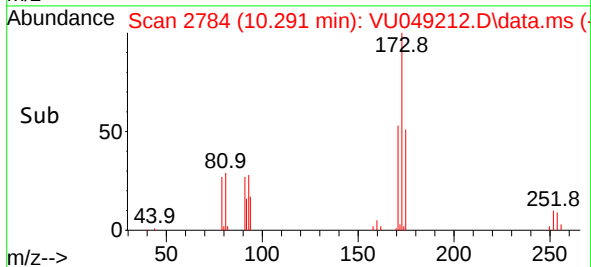
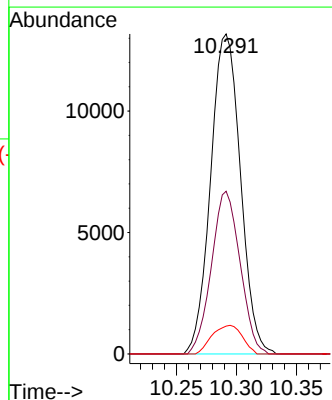
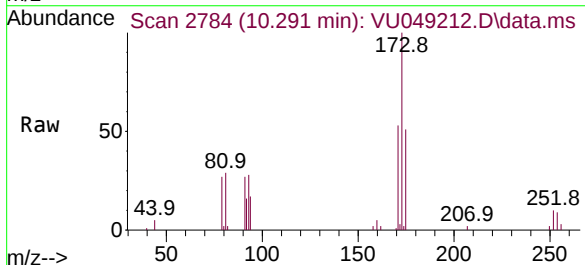
RT: 10.291 min Scan# 2784

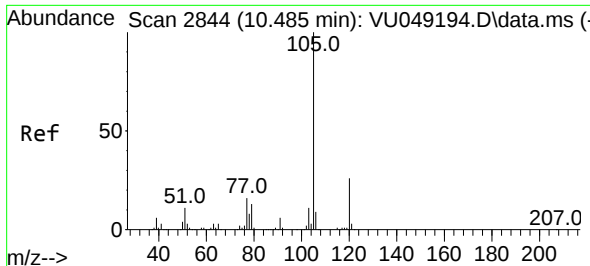
Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Tgt Ion:	173	Resp:	22759
Ion Ratio	Lower	Upper	
173	100		
175	48.7	37.9	56.9
254	9.1	6.6	9.8

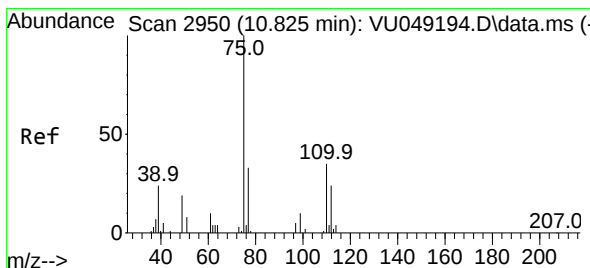
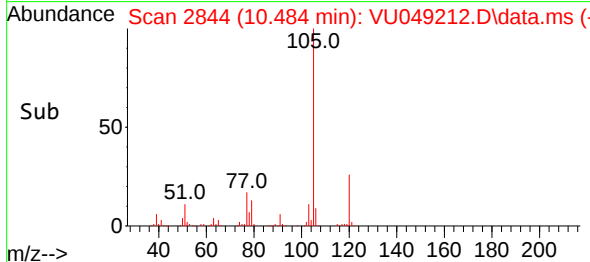
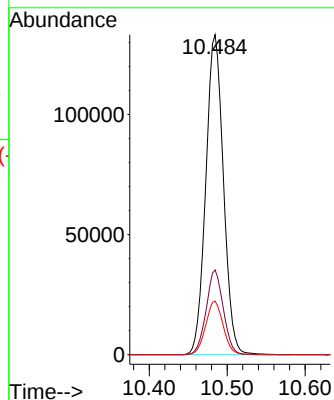
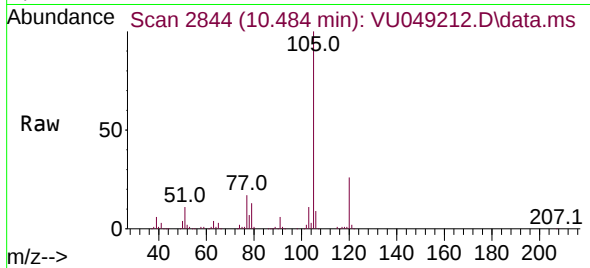




#60
Isopropylbenzene
Concen: 5.154 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

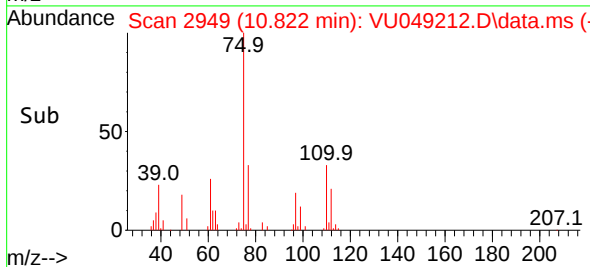
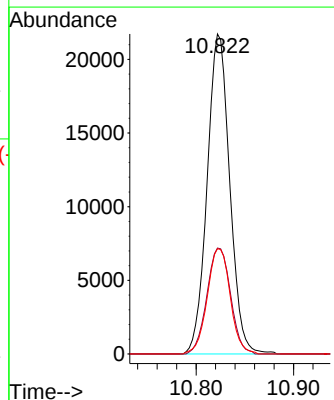
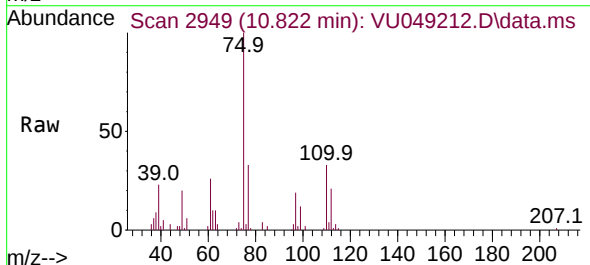
Instrument :
MSVOA_U
ClientSampleId :

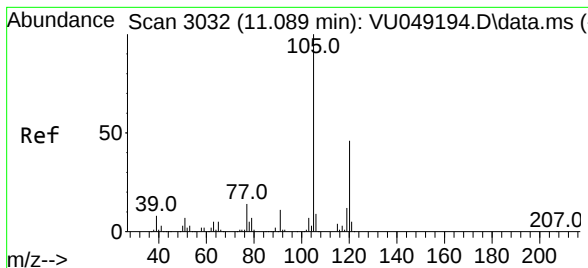
Tgt Ion:105 Resp: 209276
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.226 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion: 75 Resp: 34958
Ion Ratio Lower Upper
75 100
110 34.6 29.0 43.4
77 33.5 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.008 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

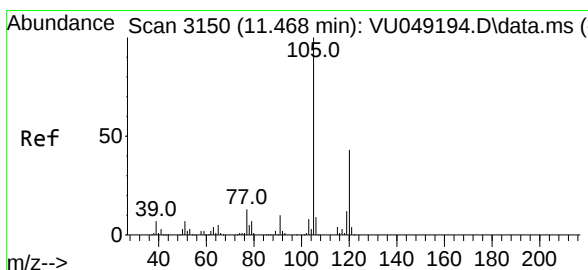
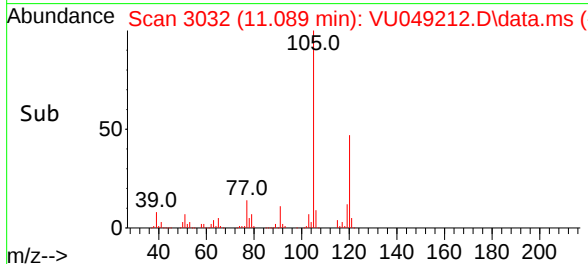
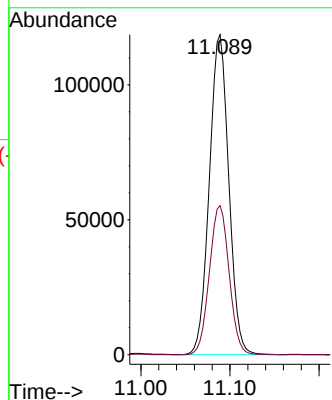
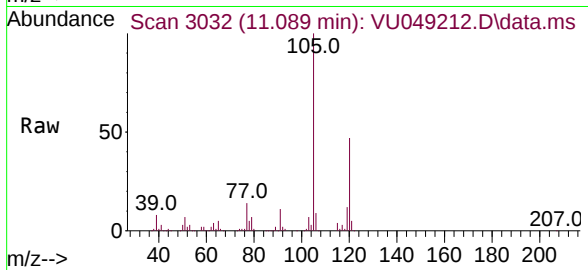
ClientSampleId :

Tgt Ion:105 Resp: 179482

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 4.995 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049212.D

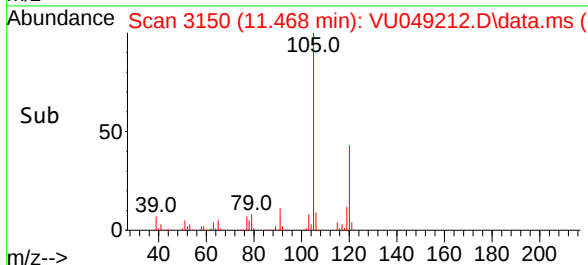
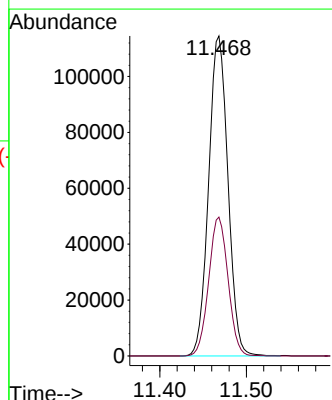
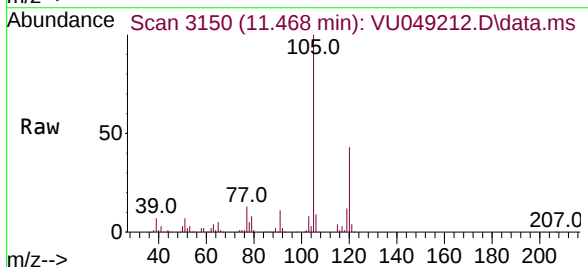
Acq: 16 Jun 2022 17:04

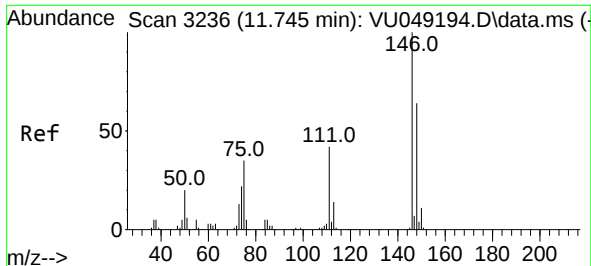
Tgt Ion:105 Resp: 177380

Ion Ratio Lower Upper

105 100

120 43.4 34.6 52.0

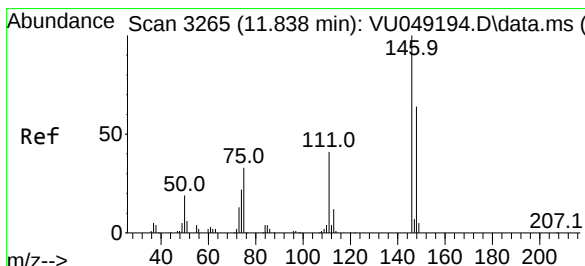
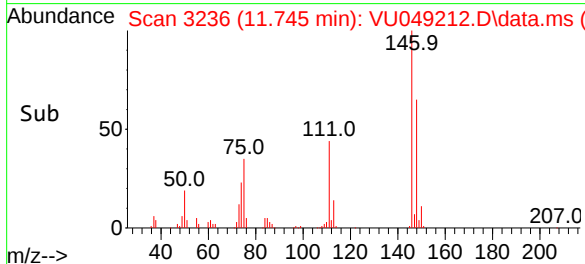
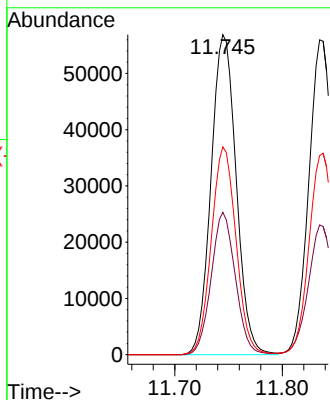
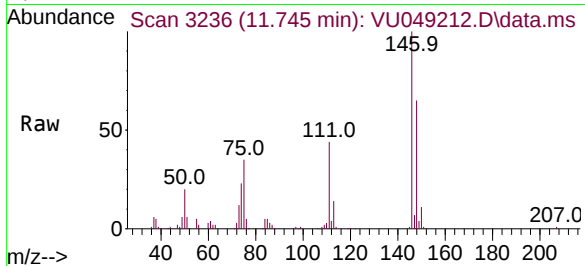




#64
1,3-Dichlorobenzene
Concen: 5.320 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

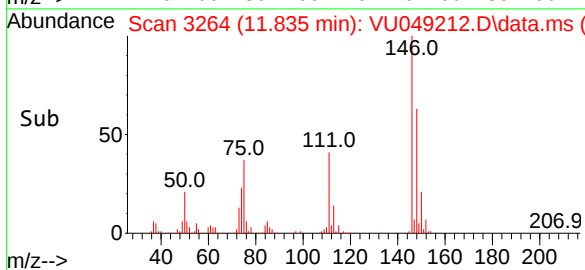
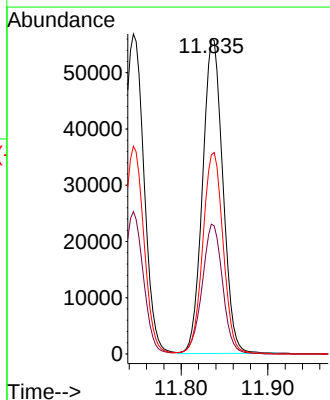
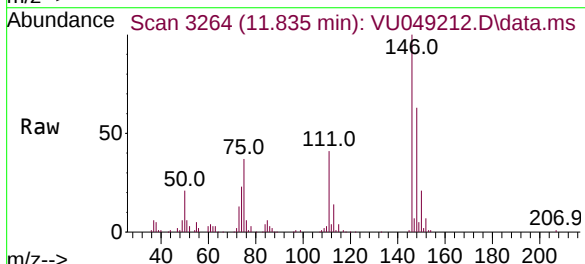
Instrument :
MSVOA_U
ClientSampleId :

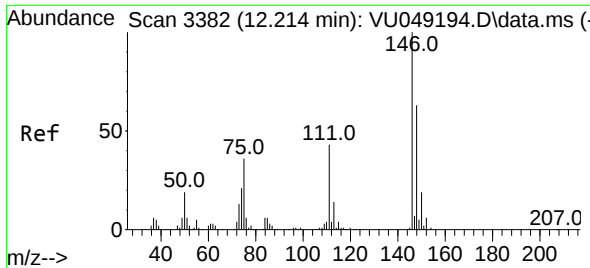
Tgt Ion:146 Resp: 92452
Ion Ratio Lower Upper
146 100
111 44.5 30.9 57.5
148 64.9 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 5.292 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion:146 Resp: 90893
Ion Ratio Lower Upper
146 100
111 41.2 29.8 55.4
148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.290 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

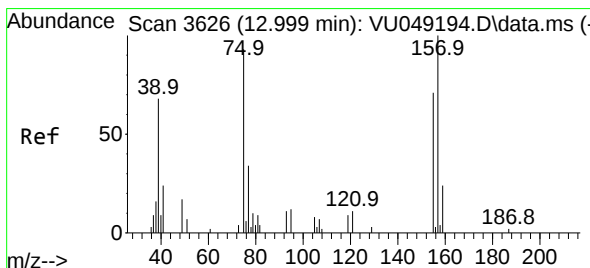
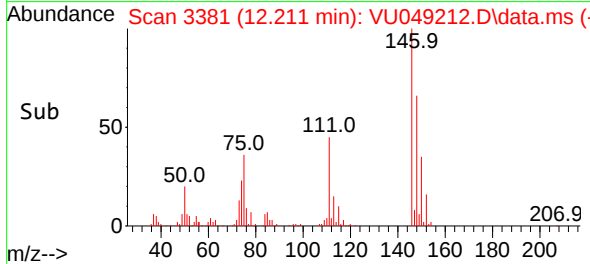
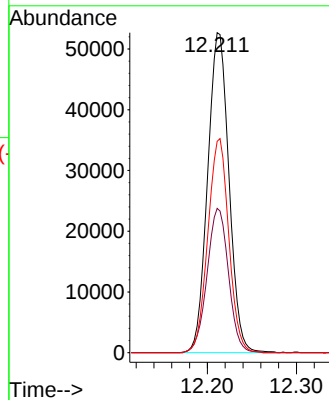
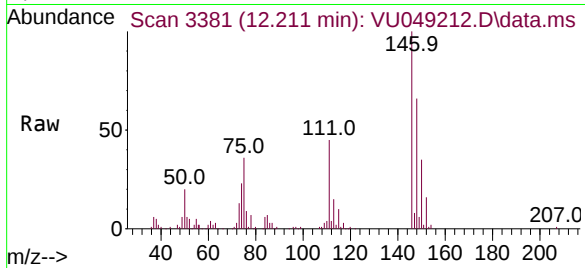
Tgt Ion:146 Resp: 87475

Ion Ratio Lower Upper

146 100

111 45.1 36.6 55.0

148 66.1 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.414 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049212.D

Acq: 16 Jun 2022 17:04

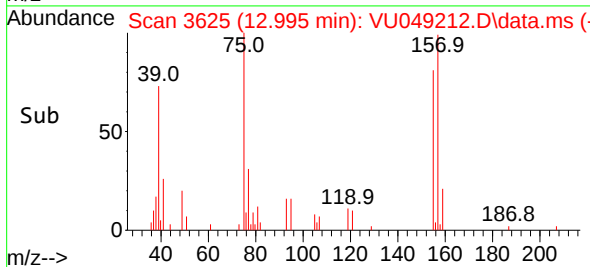
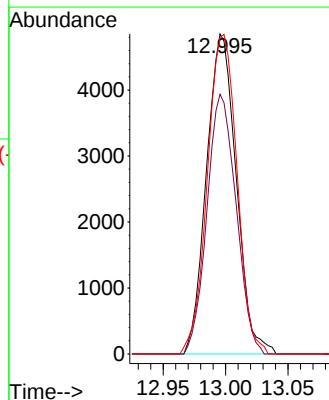
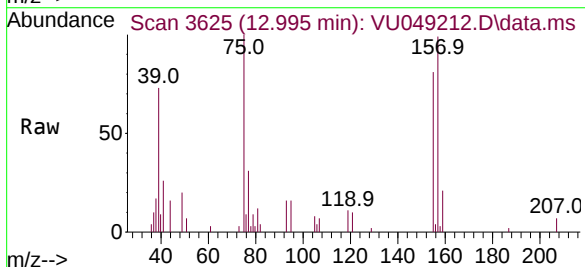
Tgt Ion: 75 Resp: 8047

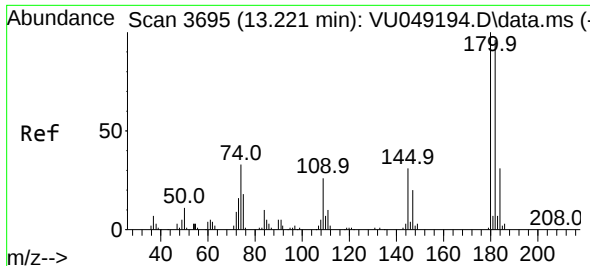
Ion Ratio Lower Upper

75 100

155 81.2 52.0 78.0#

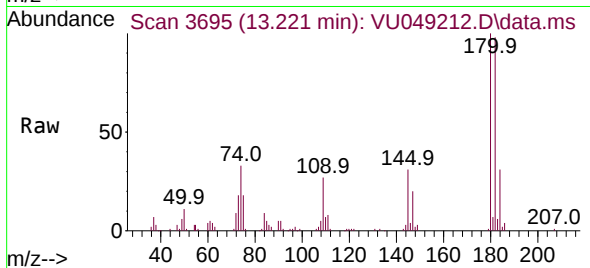
157 98.9 71.4 107.2



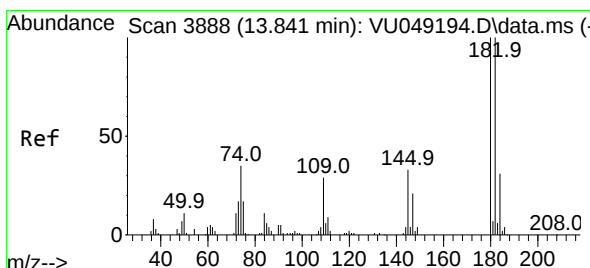
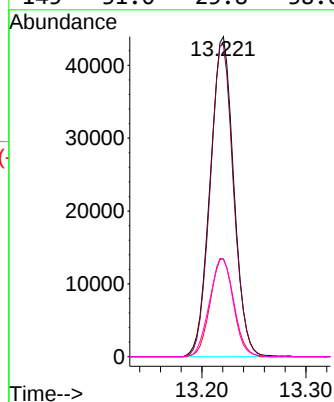
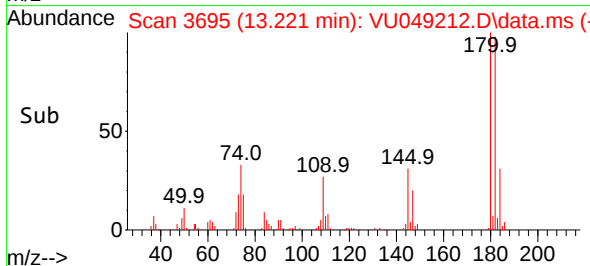


#69
 1,3,5-Trichlorobenzene
 Concen: 5.305 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU049212.D
 Acq: 16 Jun 2022 17:04

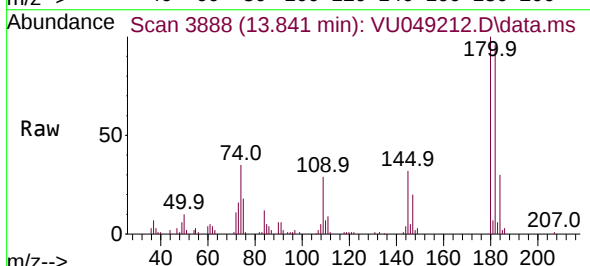
Instrument :
 MSVOA_U
 ClientSampleId :



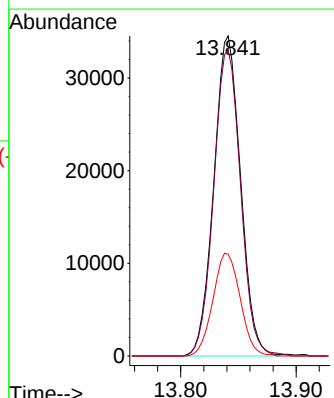
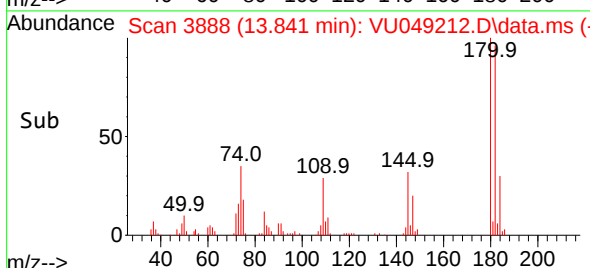
Tgt Ion:180 Resp: 69131
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.0 112.4
 184 30.8 23.2 34.8
 145 31.0 25.8 38.6

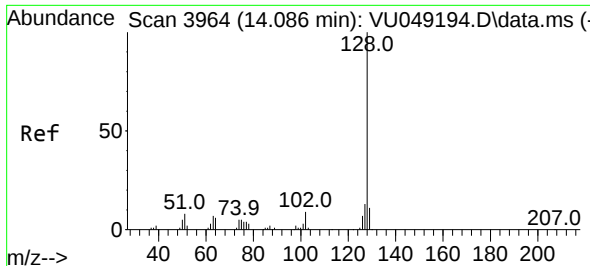


#70
 1,2,4-trichlorobenzene
 Concen: 5.362 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049212.D
 Acq: 16 Jun 2022 17:04



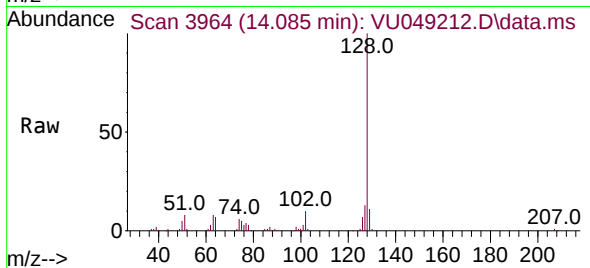
Tgt Ion:180 Resp: 55546
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.6 112.0
 145 32.6 26.1 39.1



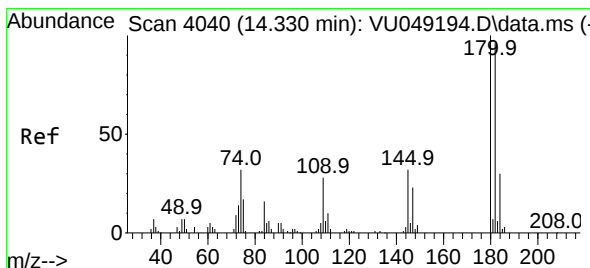
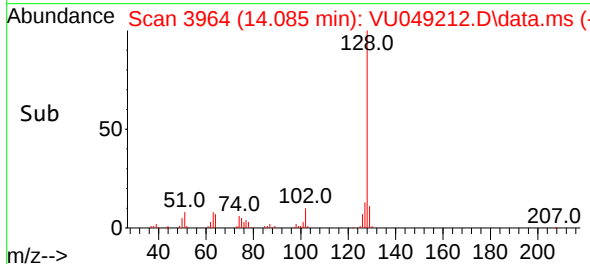
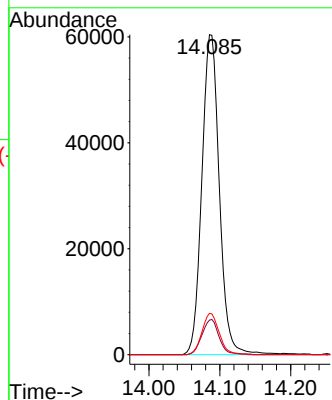


#71
Naphthalene
Concen: 5.027 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 103502
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.398 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049212.D
Acq: 16 Jun 2022 17:04

Tgt Ion:180 Resp: 52580
Ion Ratio Lower Upper
180 100
182 95.5 75.6 113.4
145 34.9 27.9 41.9

