

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048291.D
 Acq On : 26 Apr 2022 00:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050100

Quant Time: Apr 26 02:50:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	393743	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	229986	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	164229	45.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.720%
7) Chloroethane-d5	1.890	69	129905	51.113	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.220%
11) 1,1-Dichloroethene-d2	2.562	63	272555	46.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.960%
21) 2-Butanone-d5	4.620	46	319531	103.470	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.470%
24) Chloroform-d	5.063	84	313256	47.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	189752	48.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
32) Benzene-d6	5.726	84	641594	50.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.700%
36) 1,2-Dichloropropane-d6	6.690	67	211929	50.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.620%
41) Toluene-d8	7.899	98	584086	51.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
43) trans-1,3-Dichloroprop...	8.179	79	90956	49.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	8.636	63	252813	112.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	379262	51.843	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	259007	50.063	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	139204	46.788	ug/L	99
3) Chloromethane	1.520	50	156491	45.954	ug/L	100
5) Vinyl chloride	1.604	62	160256	46.699	ug/L	97
6) Bromomethane	1.829	94	67978	43.102	ug/L	97
8) Chloroethane	1.912	64	96324	49.642	ug/L	99
9) Trichlorofluoromethane	2.128	101	215840	48.263	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	136357	45.972	ug/L	100
12) 1,1-Dichloroethene	2.575	96	122662	47.376	ug/L	93
13) Acetone	2.626	43	164553	83.001	ug/L	99
14) Carbon disulfide	2.790	76	281964	44.684	ug/L	99
15) Methyl Acetate	2.944	43	189867	48.245	ug/L	99
16) Methylene chloride	3.044	84	158059	47.352	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	126470	47.021	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	439768	49.555	ug/L	100
19) 1,1-Dichloroethane	3.867	63	263048	46.769	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	158116	48.769	ug/L	98
22) 2-Butanone	4.700	43	278648	95.048	ug/L	99
23) Bromochloromethane	4.973	128	86785	47.945	ug/L	98
25) Chloroform	5.089	83	273004	47.534	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048291.D
 Acq On : 26 Apr 2022 00:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050100

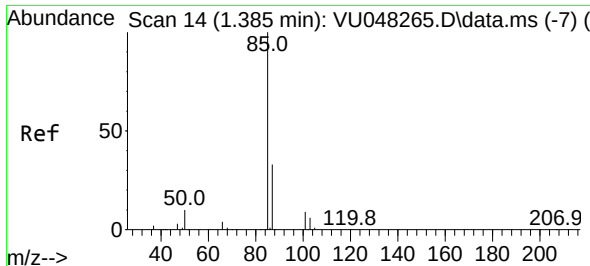
Quant Time: Apr 26 02:50:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	204306	48.769	ug/L	100
29) Cyclohexane	5.388	56	197338	52.209	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	221734	49.014	ug/L	100
31) Carbon tetrachloride	5.523	117	189943	49.262	ug/L	99
33) Benzene	5.774	78	604811	51.063	ug/L	100
34) Trichloroethene	6.542	95	146171	50.349	ug/L	99
35) Methylcyclohexane	6.761	83	207487	50.905	ug/L	98
37) 1,2-Dichloropropane	6.790	63	170945	50.727	ug/L	100
38) Bromodichloromethane	7.105	83	214023	50.290	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	237502	50.120	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	557914	109.767	ug/L	99
42) Toluene	7.970	91	633978	50.982	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	223714	48.326	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	172992	48.928	ug/L	99
46) Tetrachloroethene	8.552	164	119058	47.783	ug/L	99
48) 2-Hexanone	8.687	43	458465	108.016	ug/L	99
49) Dibromochloromethane	8.809	129	188179	48.435	ug/L	100
50) 1,2-Dibromoethane	8.925	107	182030	50.769	ug/L	100
51) Chlorobenzene	9.446	112	449720	50.172	ug/L	99
52) Ethylbenzene	9.571	91	695482	54.004	ug/L	99
53) m,p-Xylene	9.693	106	274366	53.987	ug/L	100
54) o-Xylene	10.102	106	285311	55.727	ug/L	99
55) Styrene	10.115	104	492950	56.519	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	350313	50.202	ug/L	100
59) Bromoform	10.291	173	166051	49.750	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	273922	51.055	ug/L	99
61) Isopropylbenzene	10.484	105	715735	55.659	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	382122	56.380	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	604137	57.977	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	374075	51.887	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	360475	48.977	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	377489	49.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	69464	48.499	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	262295	48.962	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	216685	51.199	ug/L	99
71) Naphthalene	14.085	128	724594	59.826	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	235338	54.259	ug/L	99

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

Quant Time: Apr 26 02:50:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration

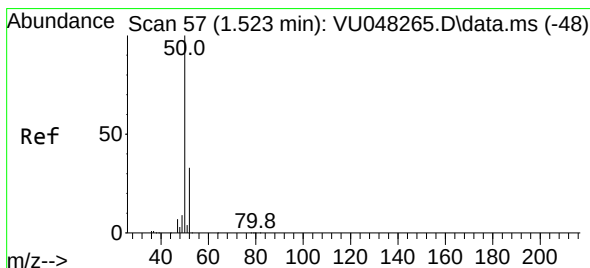
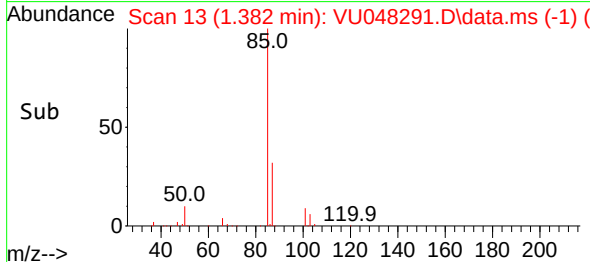
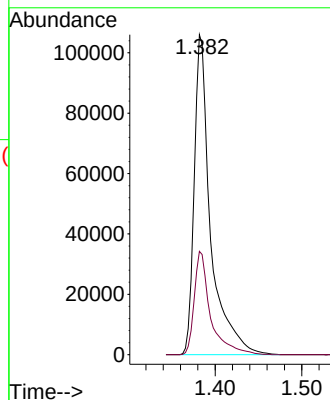
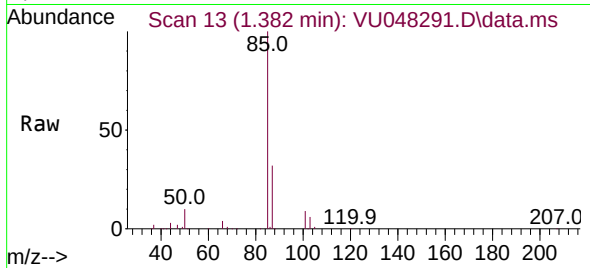




#2
Dichlorodifluoromethane
Concen: 46.788 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

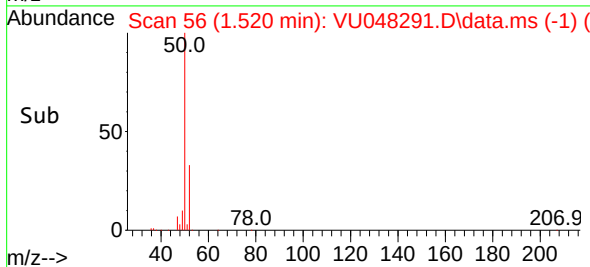
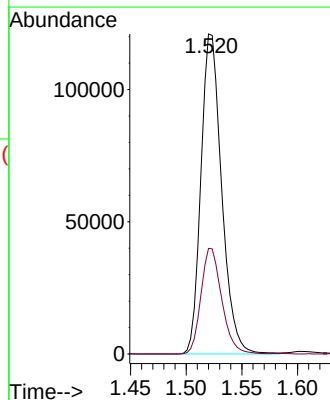
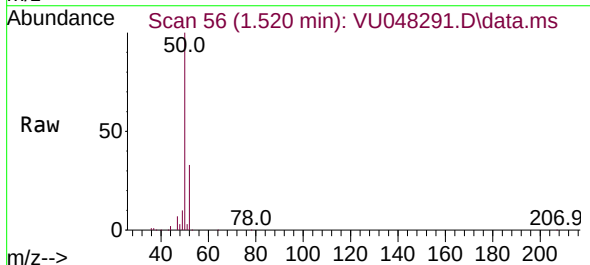
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

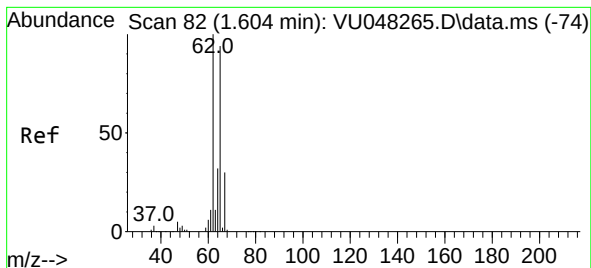
Tgt Ion: 85 Resp: 139204
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1



#3
Chloromethane
Concen: 45.954 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 50 Resp: 156491
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2





#5

Vinyl chloride

Concen: 46.699 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

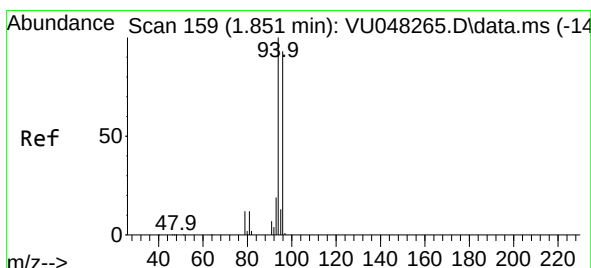
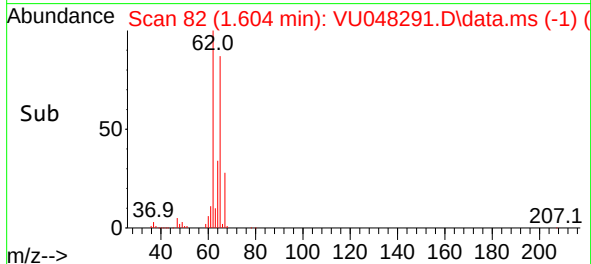
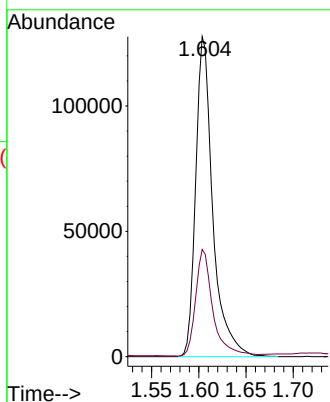
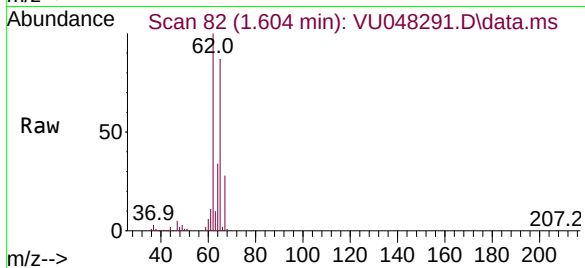
VSTD050100

Tgt Ion: 62 Resp: 160256

Ion Ratio Lower Upper

62 100

64 33.5 22.5 41.7



#6

Bromomethane

Concen: 43.102 ug/L

RT: 1.829 min Scan# 152

Delta R.T. -0.023 min

Lab File: VU048291.D

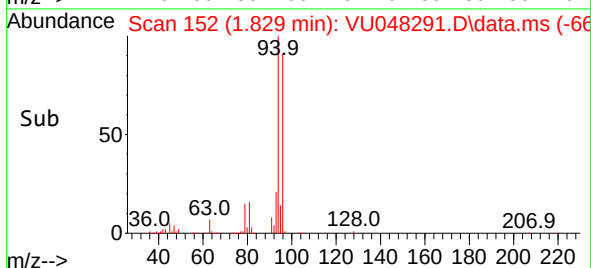
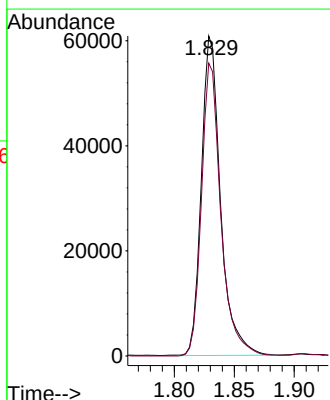
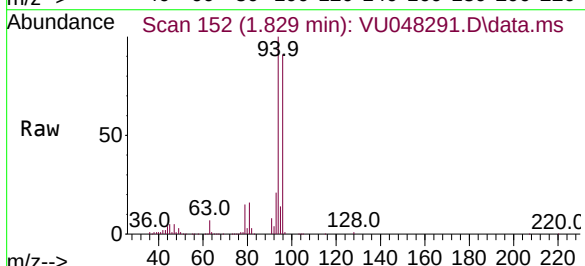
Acq: 26 Apr 2022 00:25

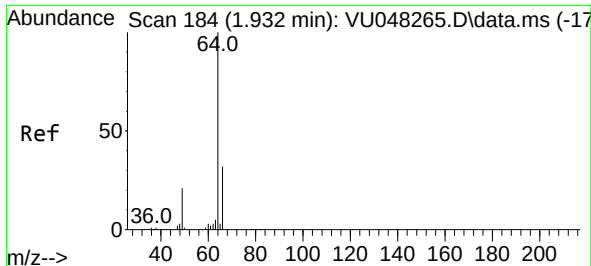
Tgt Ion: 94 Resp: 67978

Ion Ratio Lower Upper

94 100

96 91.5 65.8 122.2

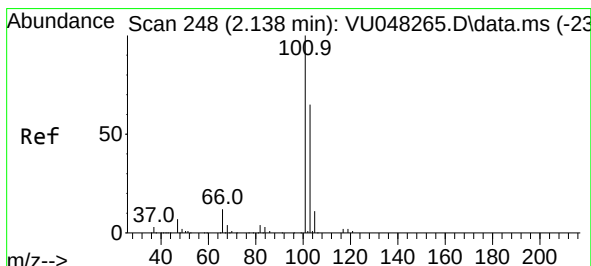
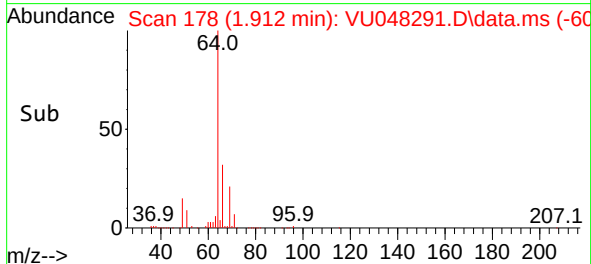
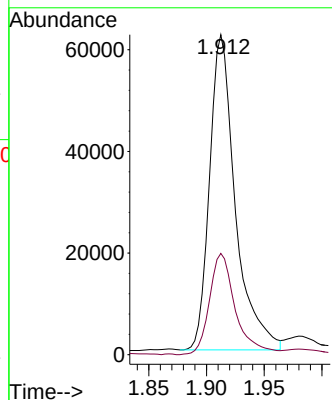
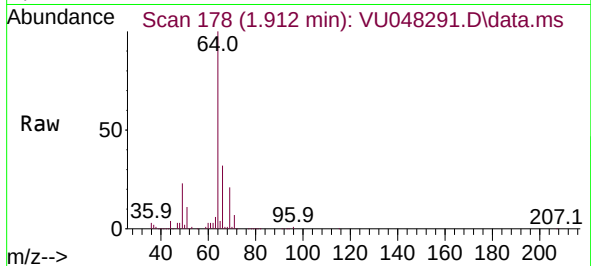




#8
Chloroethane
Concen: 49.642 ug/L
RT: 1.912 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

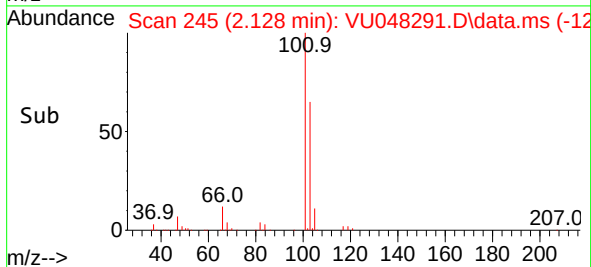
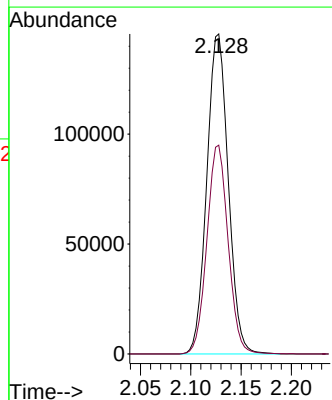
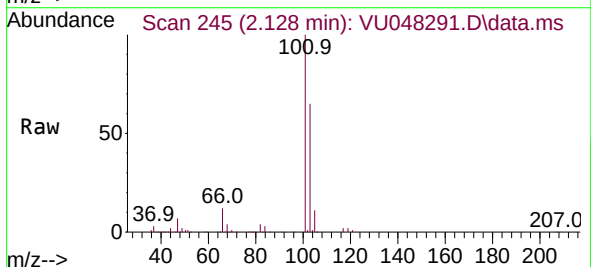
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

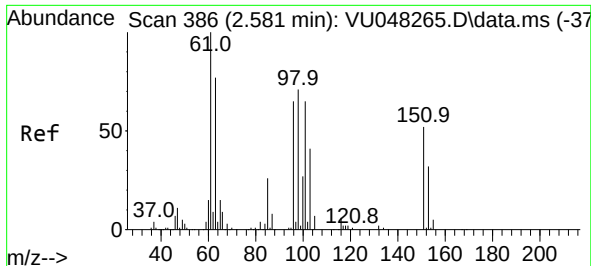
Tgt Ion: 64 Resp: 96324
Ion Ratio Lower Upper
64 100
66 31.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 48.263 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.010 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 101 Resp: 215840
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

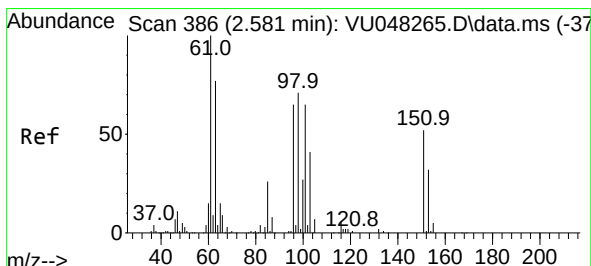
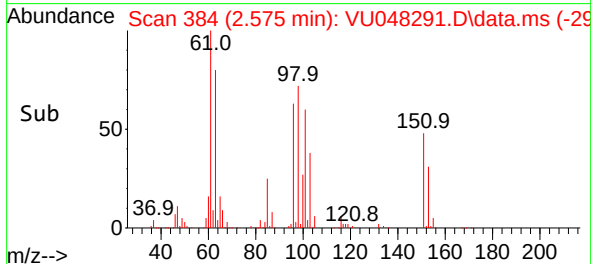
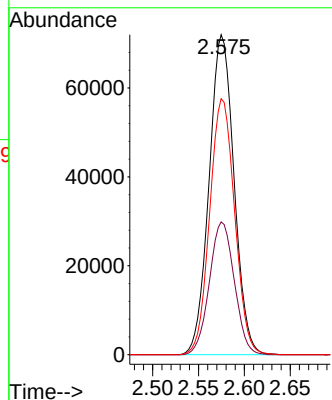
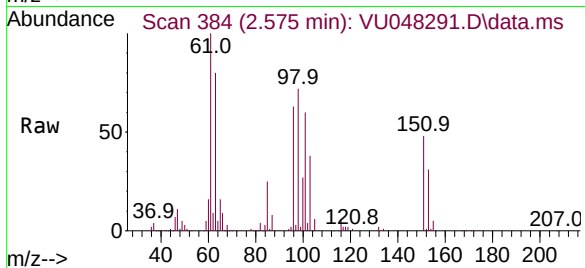




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.972 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU048291.D
 Acq: 26 Apr 2022 00:25

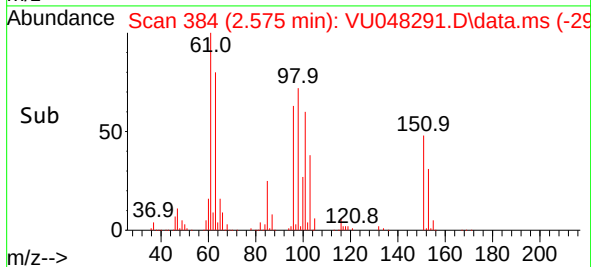
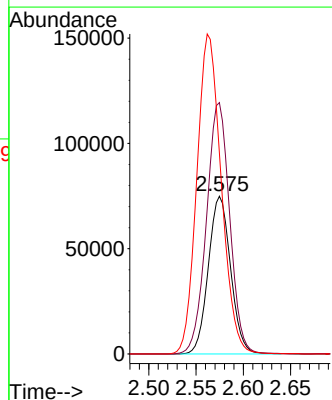
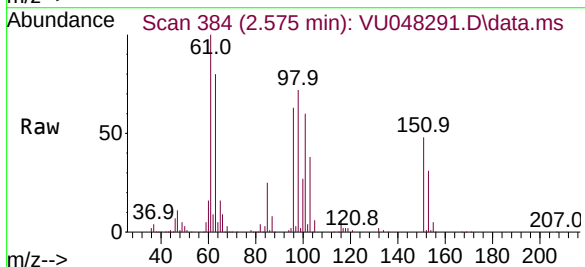
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050100

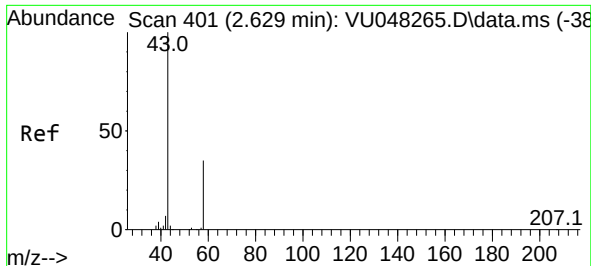
Tgt Ion:101 Resp: 136357
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.6 48.8
 151 80.0 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 47.376 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU048291.D
 Acq: 26 Apr 2022 00:25

Tgt Ion: 96 Resp: 122662
 Ion Ratio Lower Upper
 96 100
 61 159.4 107.9 200.3
 63 127.4 80.3 149.1





#13

Acetone

Concen: 83.001 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

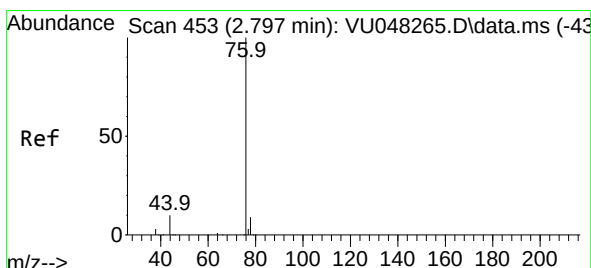
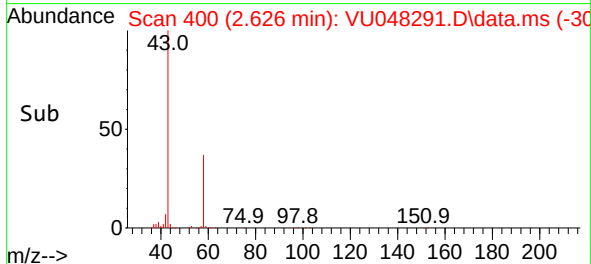
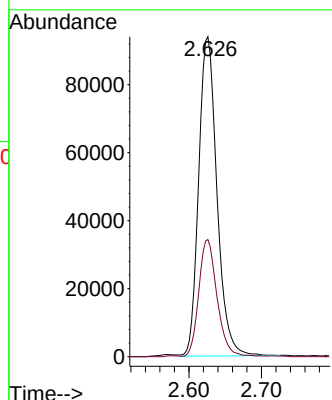
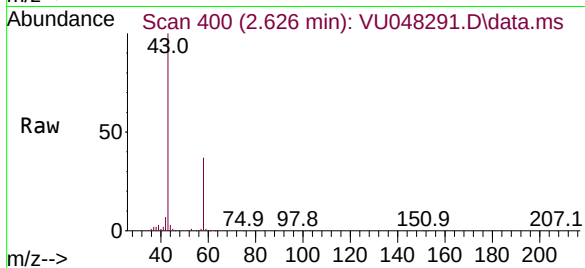
VSTD050100

Tgt Ion: 43 Resp: 164553

Ion Ratio Lower Upper

43 100

58 36.5 0.0 71.2



#14

Carbon disulfide

Concen: 44.684 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.007 min

Lab File: VU048291.D

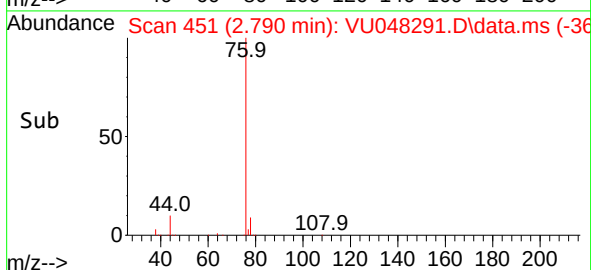
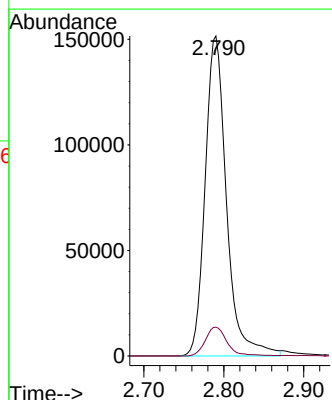
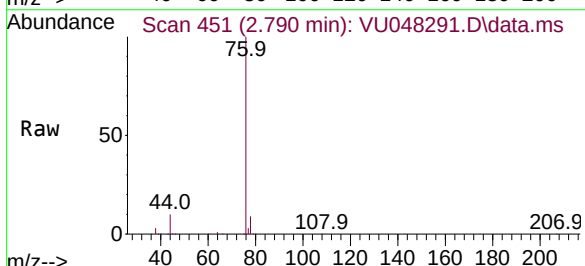
Acq: 26 Apr 2022 00:25

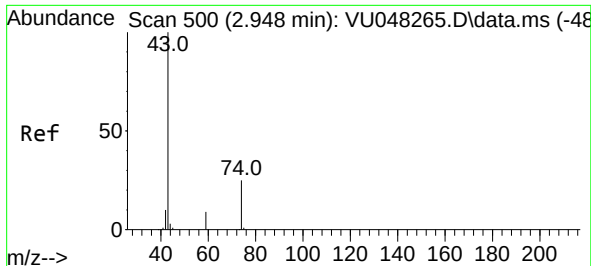
Tgt Ion: 76 Resp: 281964

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

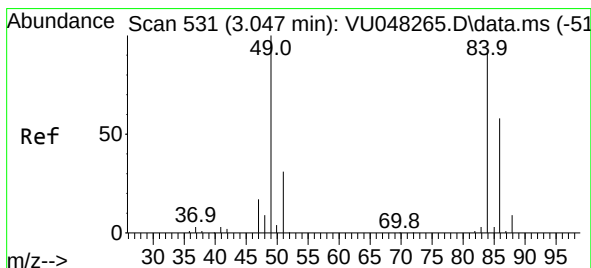
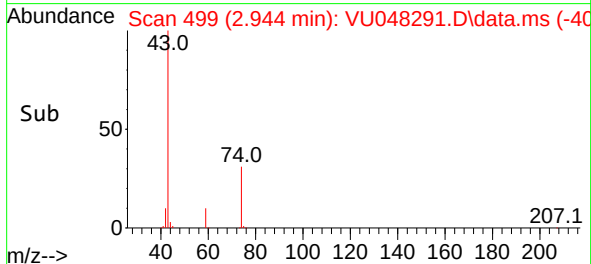
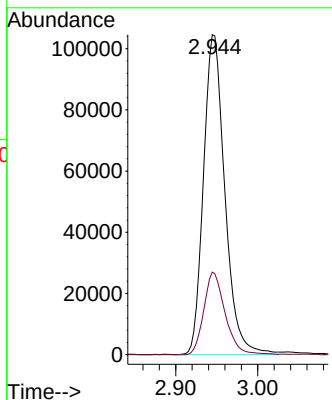
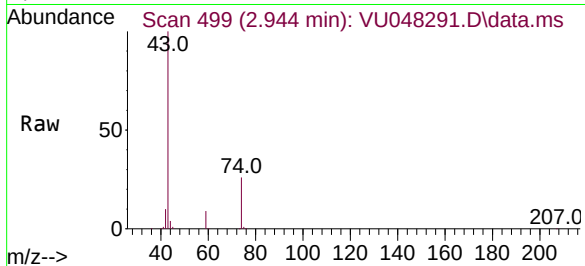




#15
Methyl Acetate
Concen: 48.245 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

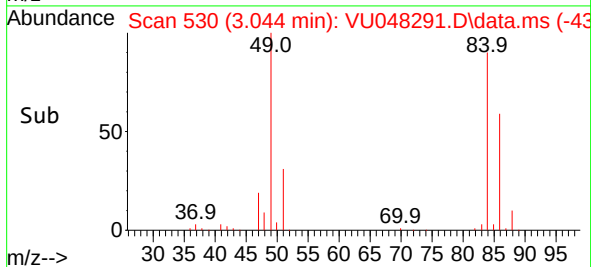
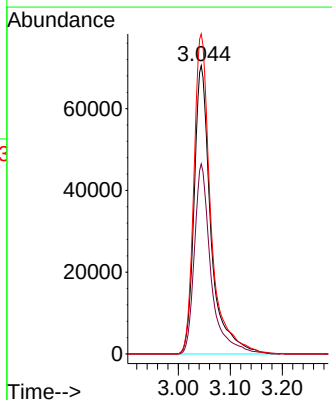
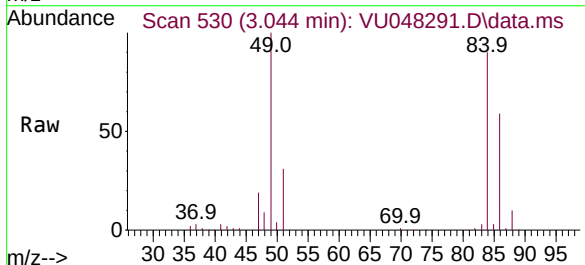
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

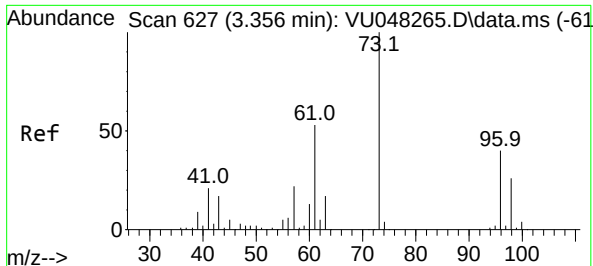
Tgt Ion: 43 Resp: 189867
Ion Ratio Lower Upper
43 100
74 25.6 21.0 31.6



#16
Methylene chloride
Concen: 47.352 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 84 Resp: 158059
Ion Ratio Lower Upper
84 100
86 65.9 45.4 84.2
49 111.0 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 47.021 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.007 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050100

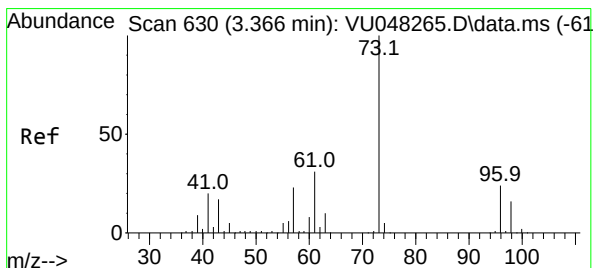
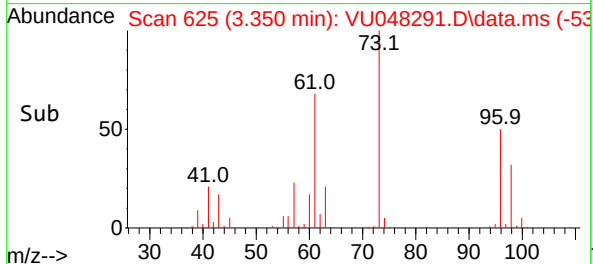
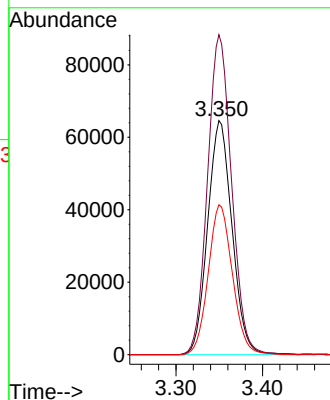
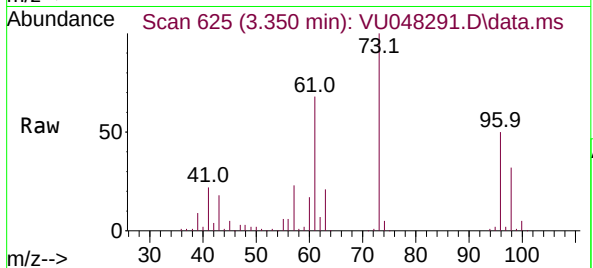
Tgt Ion: 96 Resp: 126470

Ion Ratio Lower Upper

96 100

61 136.7 95.2 176.8

98 64.0 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 49.555 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

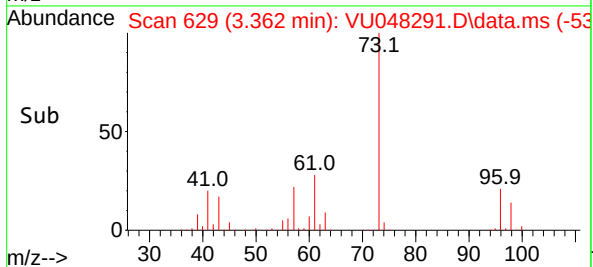
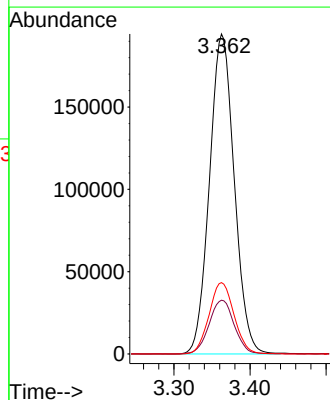
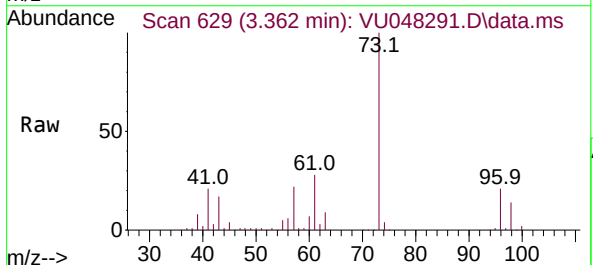
Tgt Ion: 73 Resp: 439768

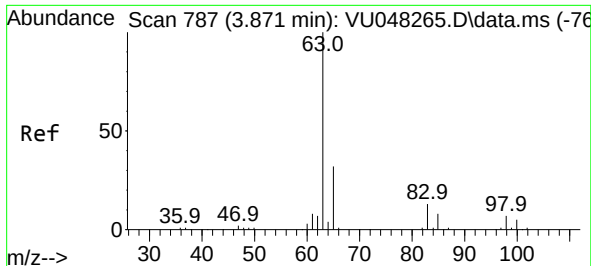
Ion Ratio Lower Upper

73 100

43 17.2 13.8 20.6

57 22.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 46.769 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050100

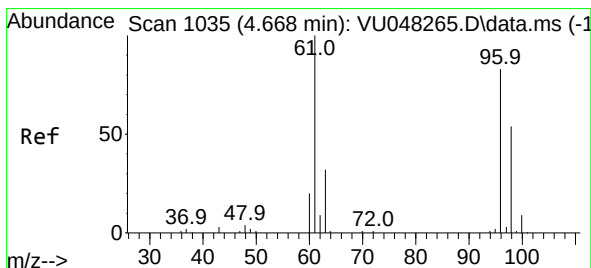
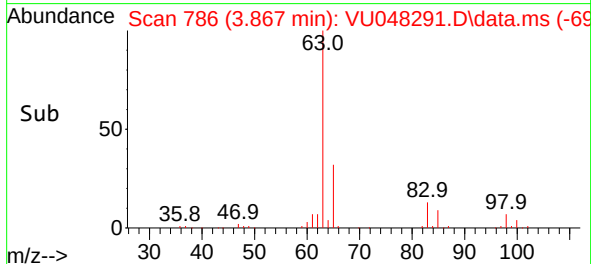
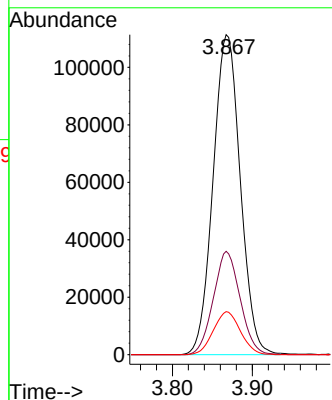
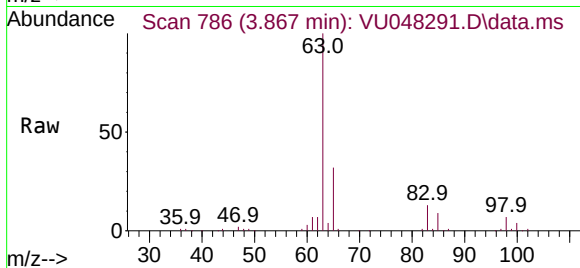
Tgt Ion: 63 Resp: 263048

Ion Ratio Lower Upper

63 100

65 32.3 22.0 40.8

83 13.4 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 48.769 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

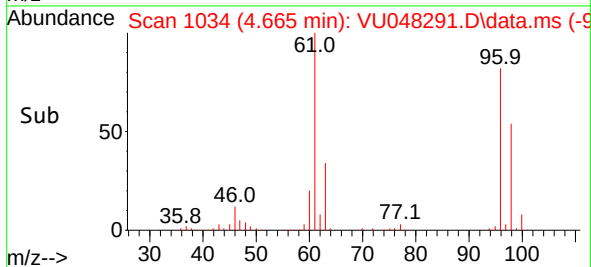
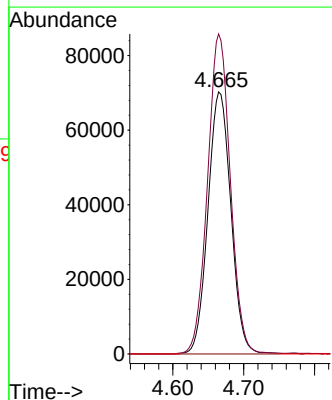
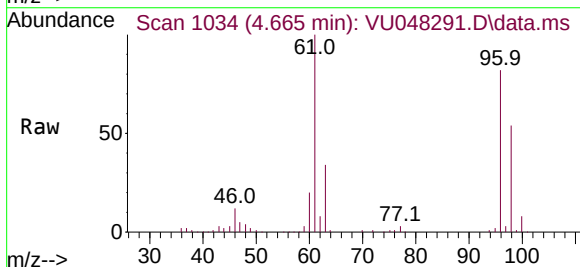
Tgt Ion: 96 Resp: 158116

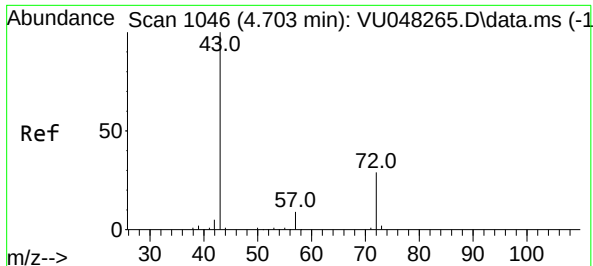
Ion Ratio Lower Upper

96 100

61 122.1 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 95.048 ug/L

RT: 4.700 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

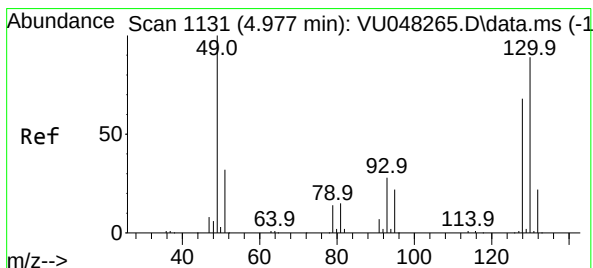
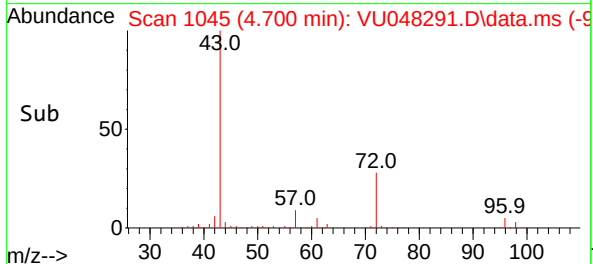
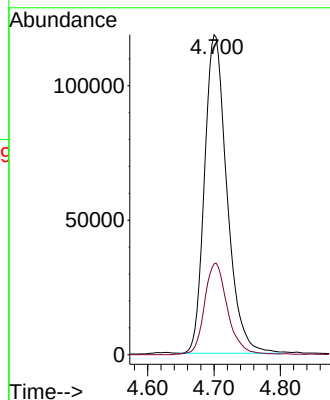
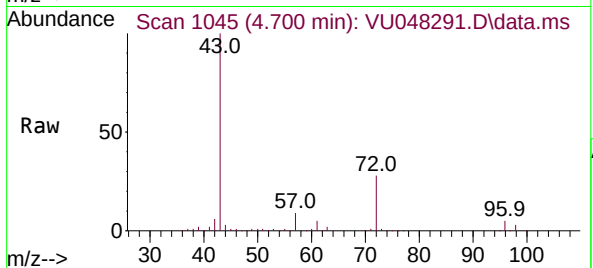
VSTD050100

Tgt Ion: 43 Resp: 278648

Ion Ratio Lower Upper

43 100

72 29.6 14.6 43.8



#23

Bromochloromethane

Concen: 47.945 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Tgt Ion:128 Resp: 86785

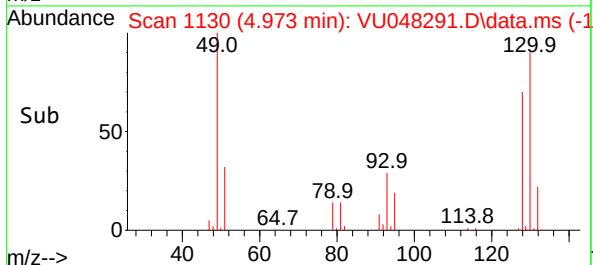
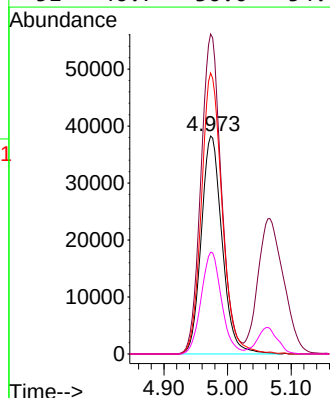
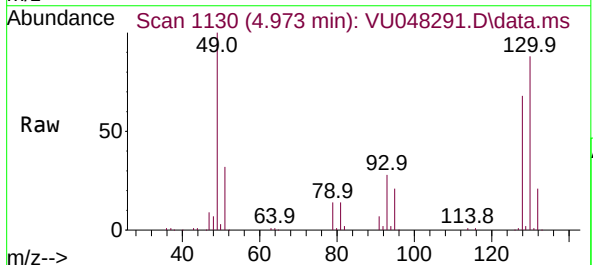
Ion Ratio Lower Upper

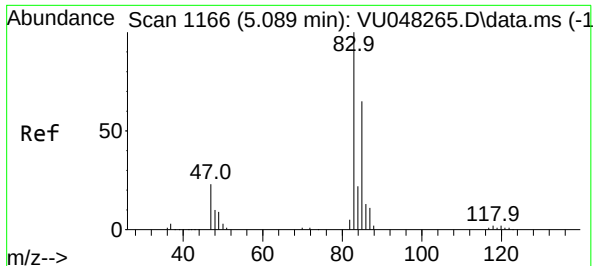
128 100

49 146.8 101.3 188.1

130 128.9 89.0 165.2

51 46.7 36.0 54.0





#25

Chloroform

Concen: 47.534 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

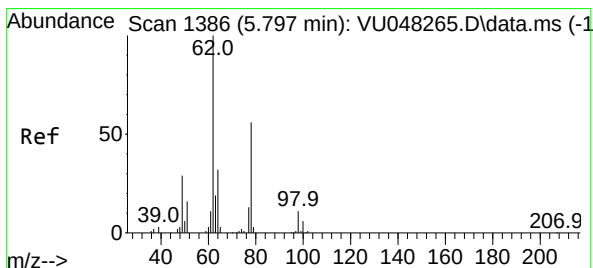
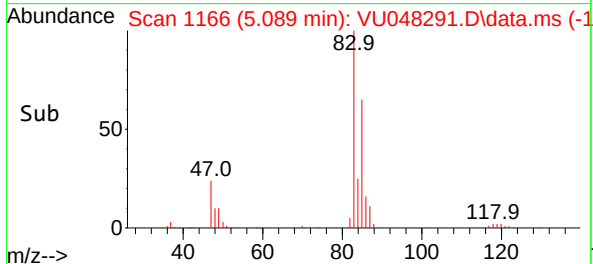
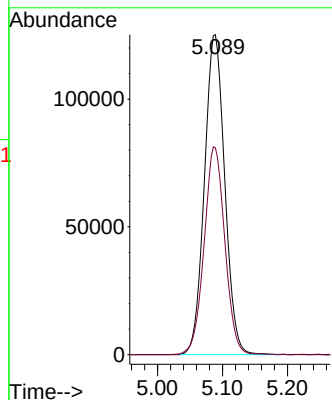
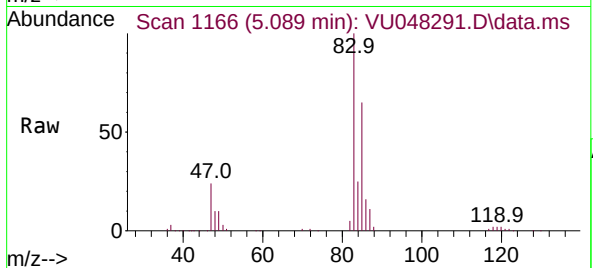
VSTD050100

Tgt Ion: 83 Resp: 273004

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 48.769 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048291.D

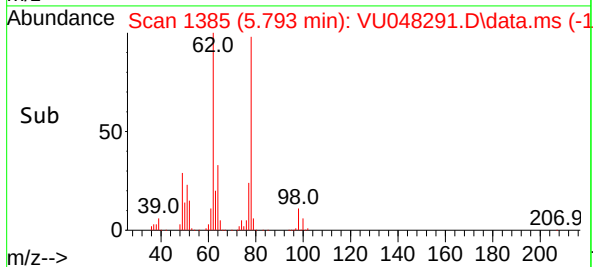
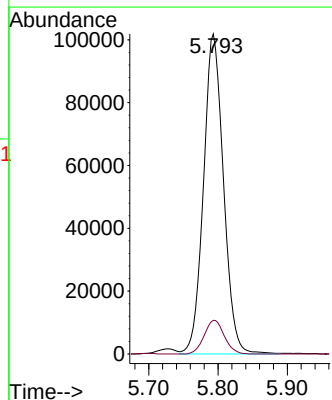
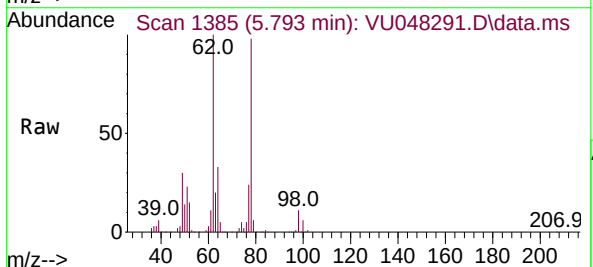
Acq: 26 Apr 2022 00:25

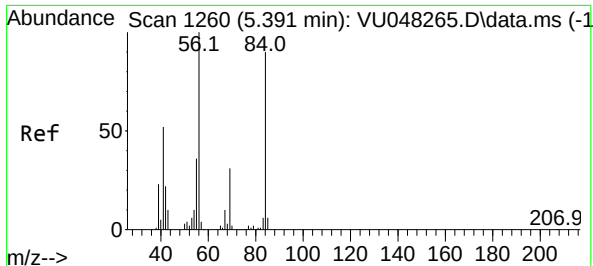
Tgt Ion: 62 Resp: 204306

Ion Ratio Lower Upper

62 100

98 10.5 8.5 12.7





#29

Cyclohexane

Concen: 52.209 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048291.D

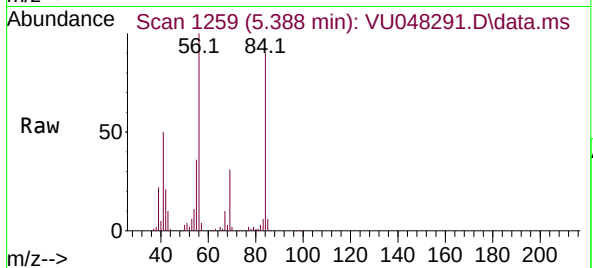
Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050100



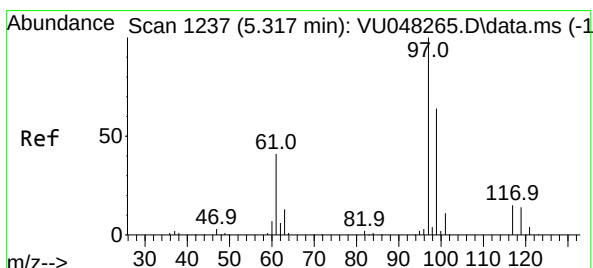
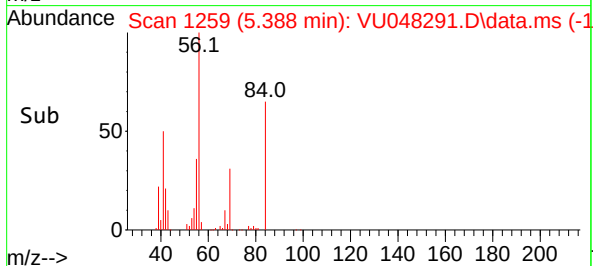
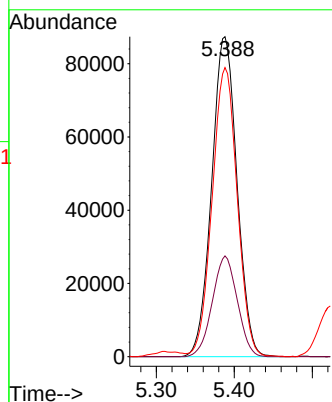
Tgt Ion: 56 Resp: 197338

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.4

84 89.6 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 49.014 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

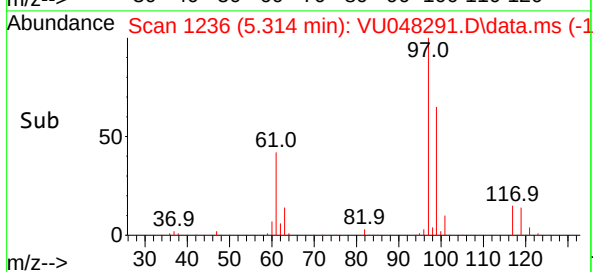
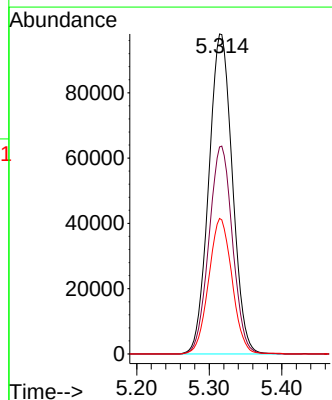
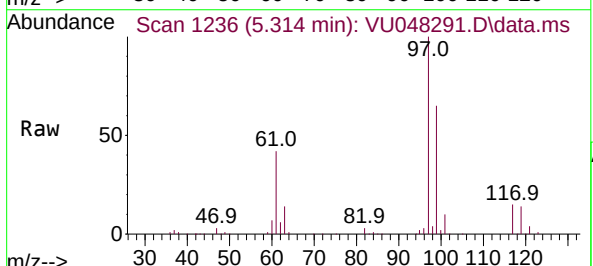
Tgt Ion: 97 Resp: 221734

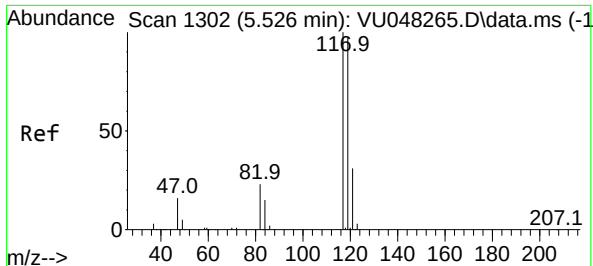
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 41.9 33.9 50.9

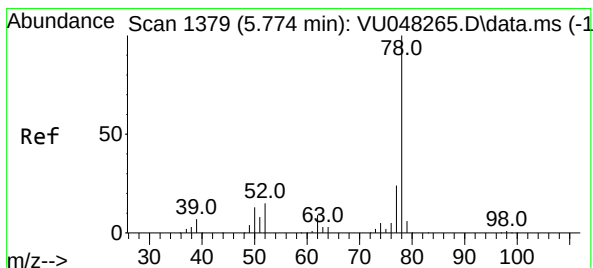
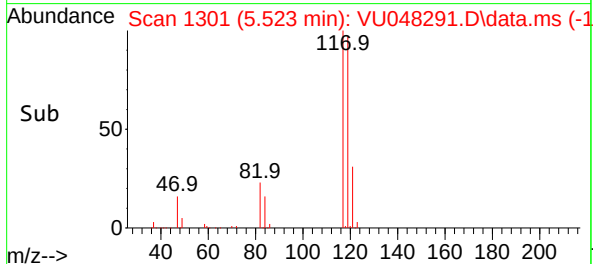
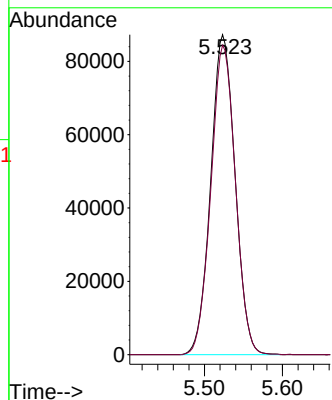
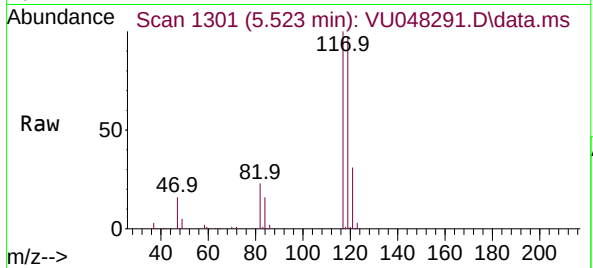




#31
Carbon tetrachloride
Concen: 49.262 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

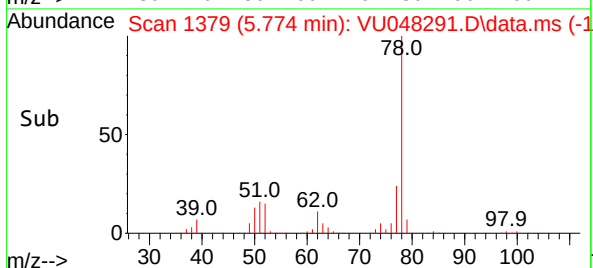
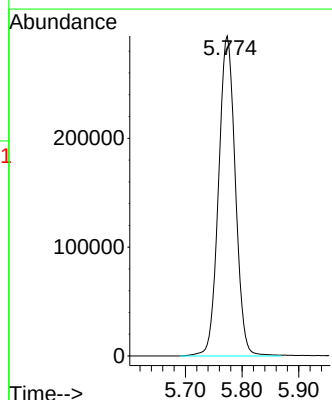
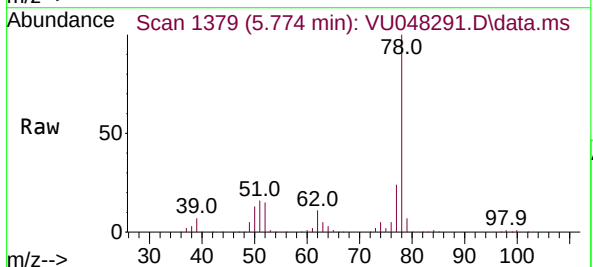
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

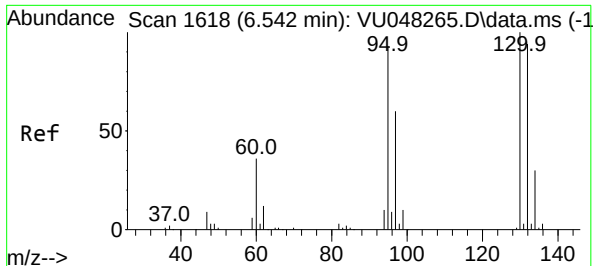
Tgt Ion:117 Resp: 189943
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7



#33
Benzene
Concen: 51.063 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 78 Resp: 604811

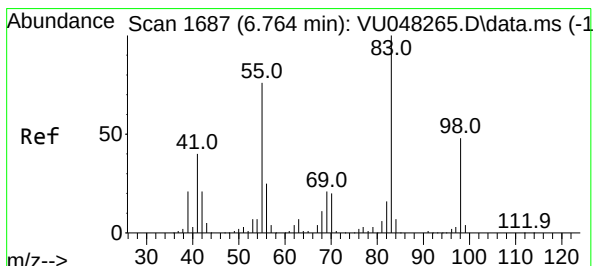
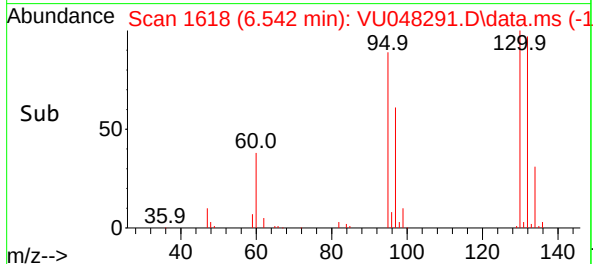
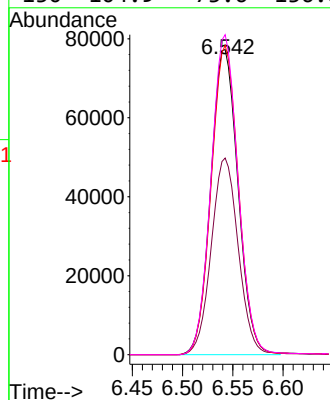
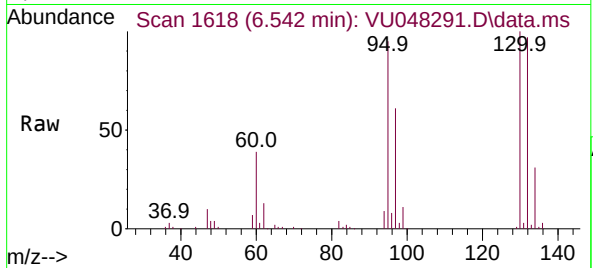




#34
Trichloroethene
Concen: 50.349 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

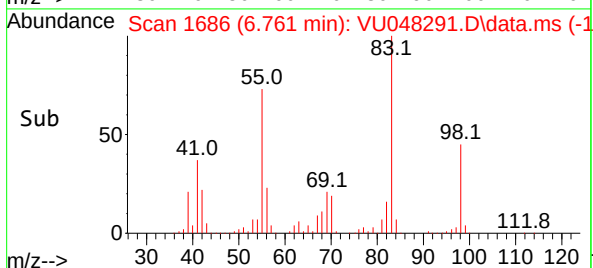
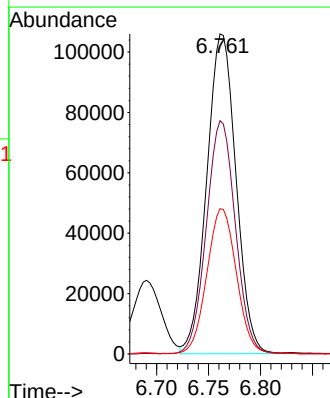
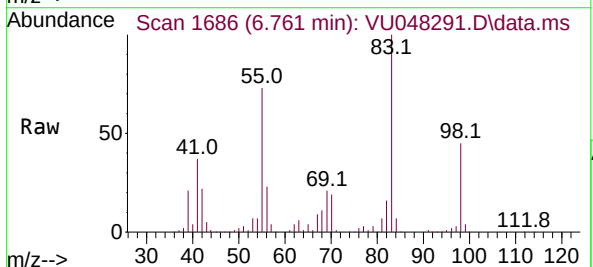
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

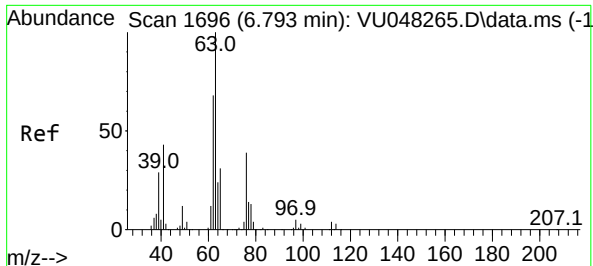
Tgt Ion: 95 Resp: 146171
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.2
132 101.3 71.6 133.0
130 104.9 73.6 136.8



#35
Methylcyclohexane
Concen: 50.905 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 83 Resp: 207487
Ion Ratio Lower Upper
83 100
55 72.2 59.4 89.2
98 46.0 37.3 55.9





#37

1,2-Dichloropropane

Concen: 50.727 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

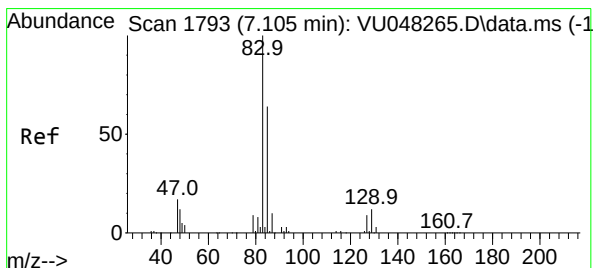
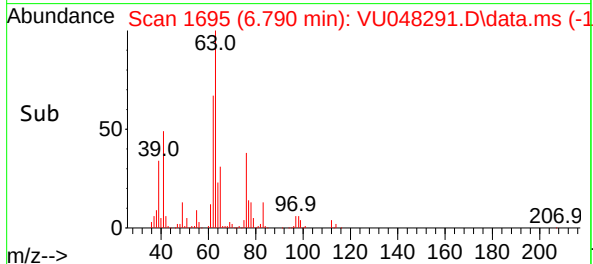
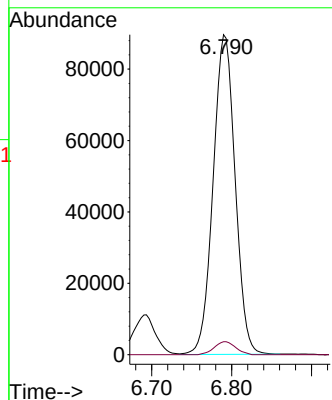
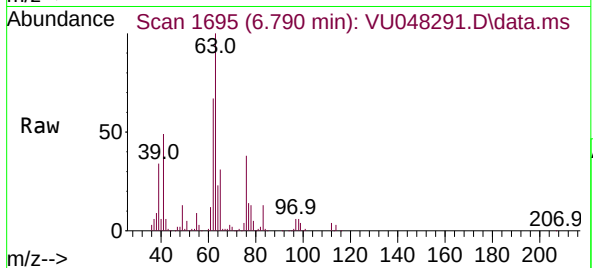
VSTD050100

Tgt Ion: 63 Resp: 170945

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 50.290 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

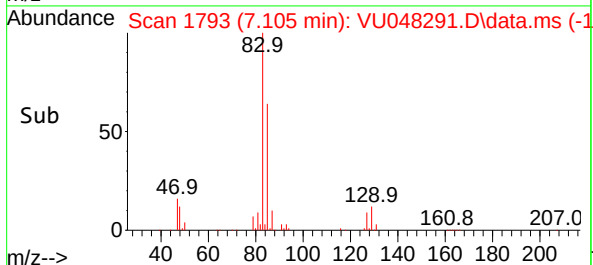
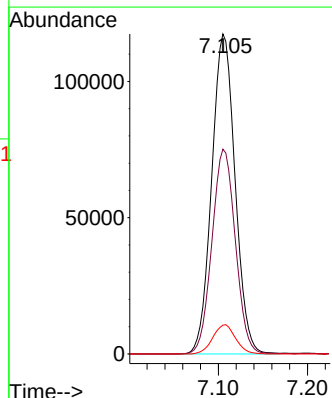
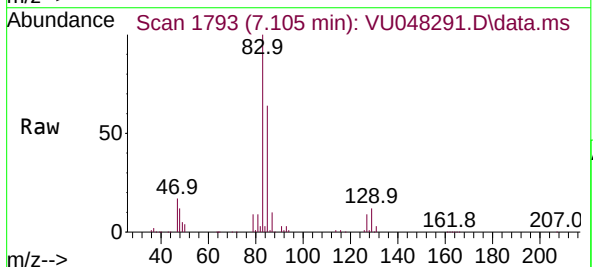
Tgt Ion: 83 Resp: 214023

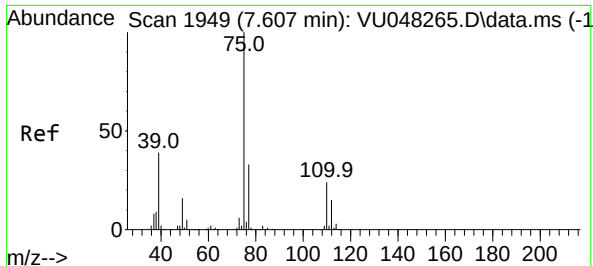
Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.120 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

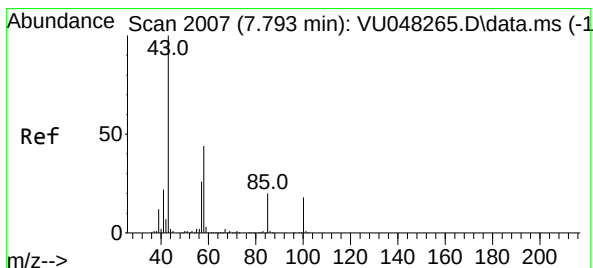
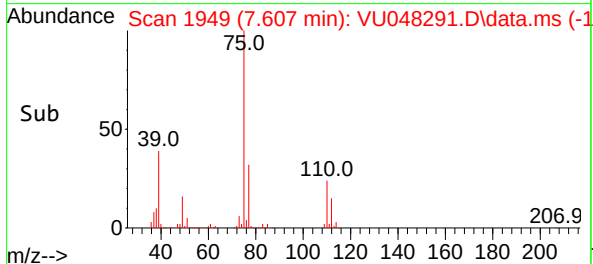
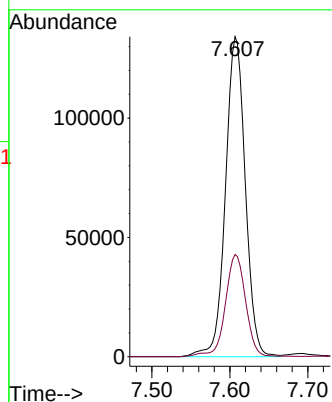
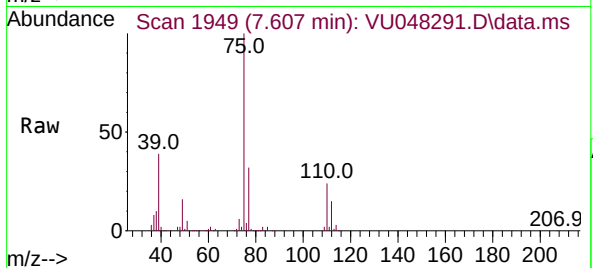
VSTD050100

Tgt Ion: 75 Resp: 237502

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 109.767 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

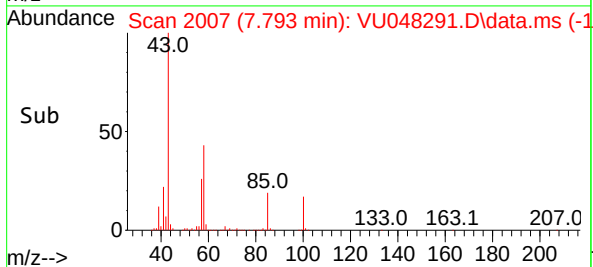
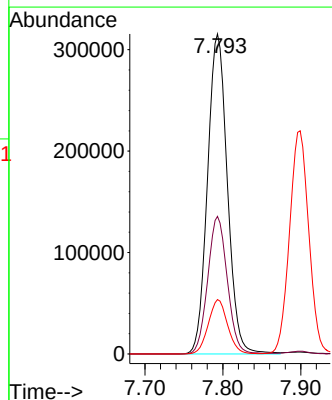
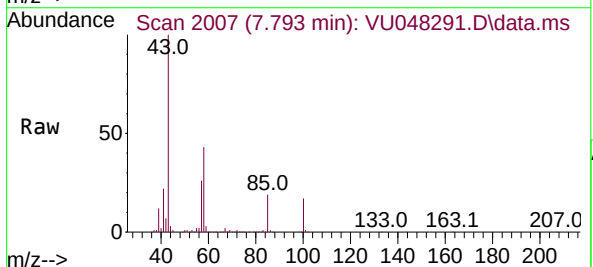
Tgt Ion: 43 Resp: 557914

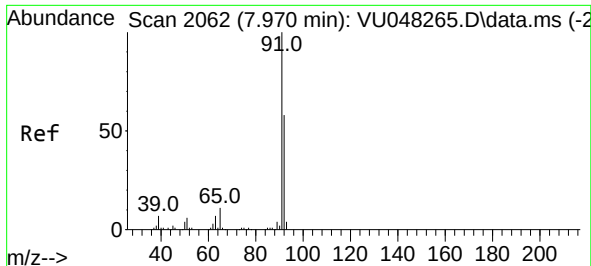
Ion Ratio Lower Upper

43 100

58 42.4 34.4 51.6

100 16.6 13.6 20.4





#42

Toluene

Concen: 50.982 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

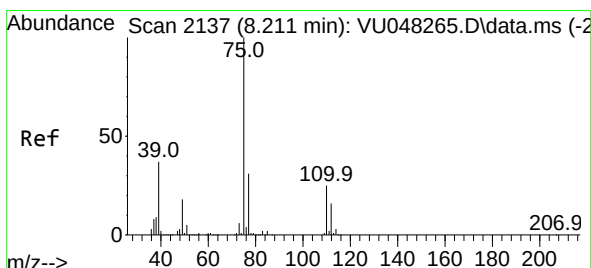
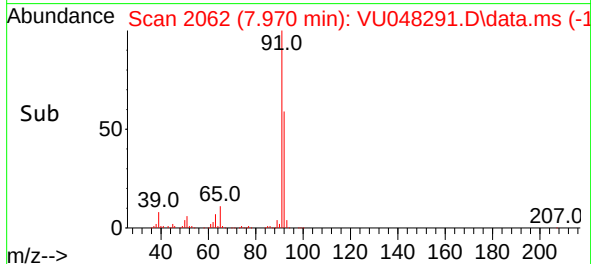
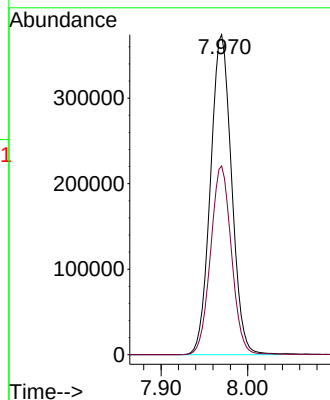
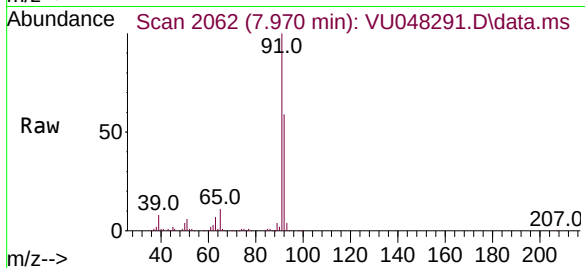
VSTD050100

Tgt Ion: 91 Resp: 633978

Ion Ratio Lower Upper

91 100

92 59.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 48.326 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048291.D

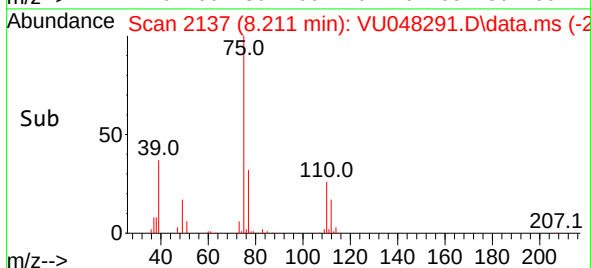
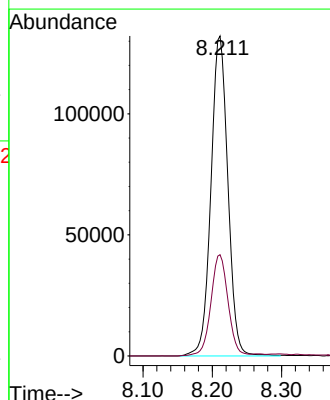
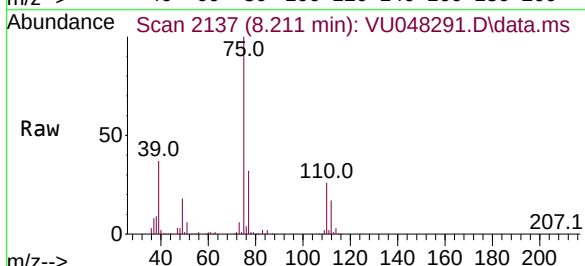
Acq: 26 Apr 2022 00:25

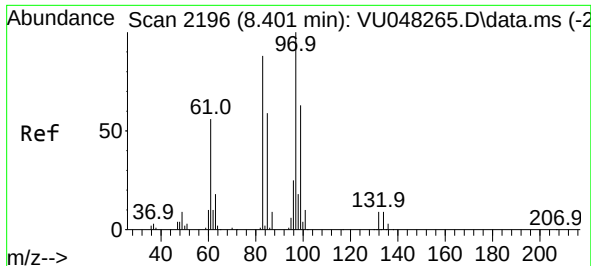
Tgt Ion: 75 Resp: 223714

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



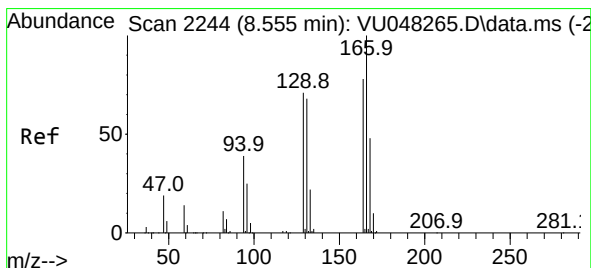
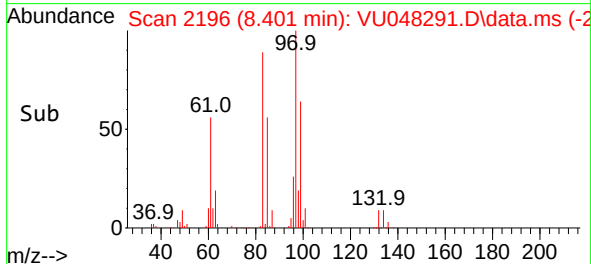
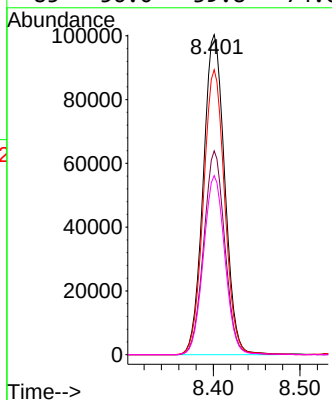
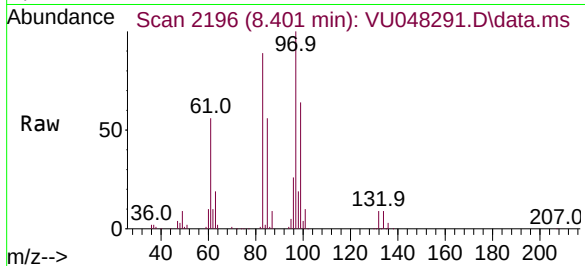


#45
1,1,2-Trichloroethane
Concen: 48.928 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

Tgt Ion: 97 Resp: 172992

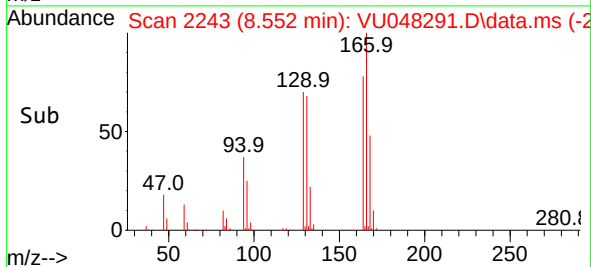
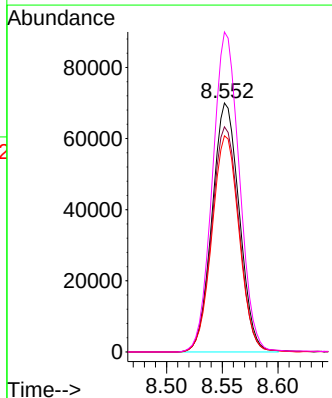
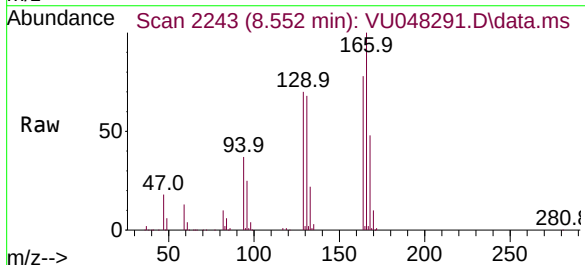
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.7	81.1
83	89.1	62.6	116.2
85	56.0	39.8	74.0

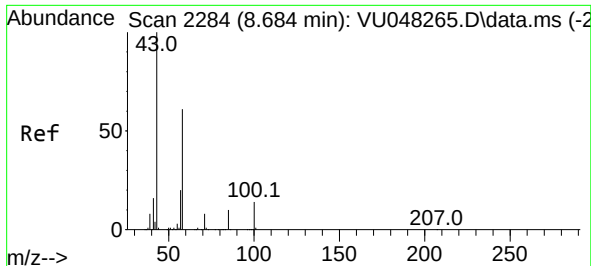


#46
Tetrachloroethene
Concen: 47.783 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 164 Resp: 119058

Ion	Ratio	Lower	Upper
164	100		
129	90.4	63.3	117.7
131	86.9	61.2	113.6
166	128.6	88.9	165.1



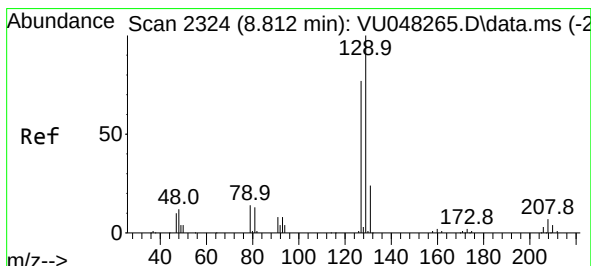
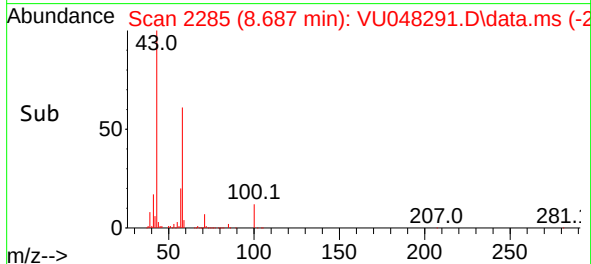
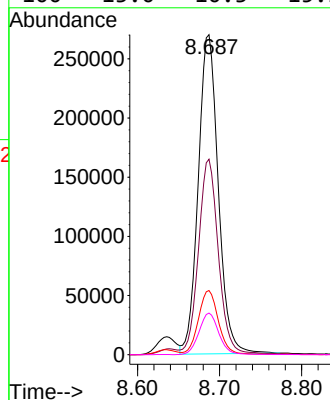
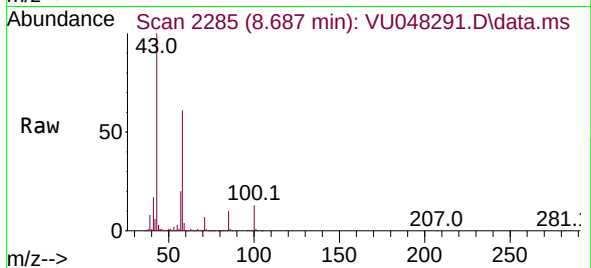


#48
2-Hexanone
Concen: 108.016 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

Tgt Ion: 43 Resp: 458465

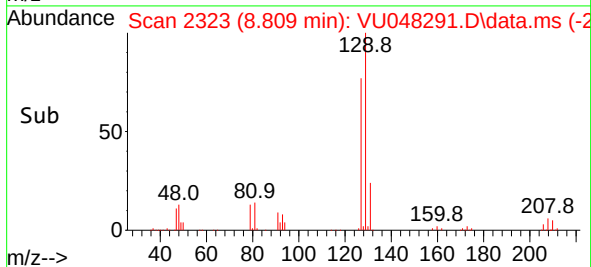
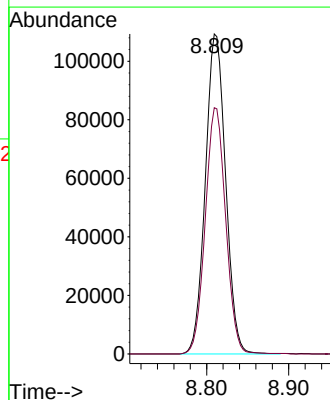
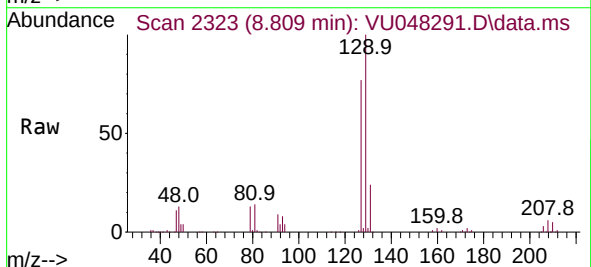
Ion	Ratio	Lower	Upper
43	100		
58	60.6	48.1	72.1
57	20.1	16.2	24.4
100	13.0	10.3	15.5

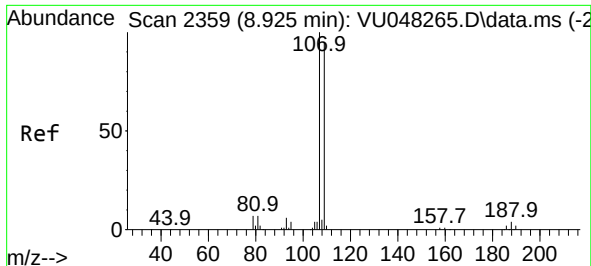


#49
Dibromochloromethane
Concen: 48.435 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 129 Resp: 188179

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.8	99.8

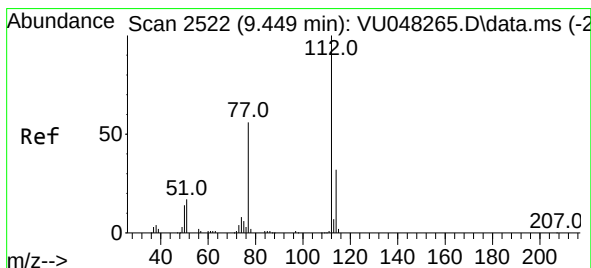
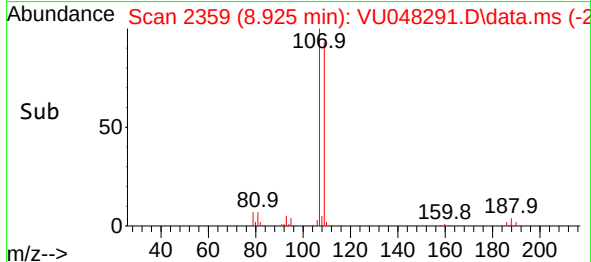
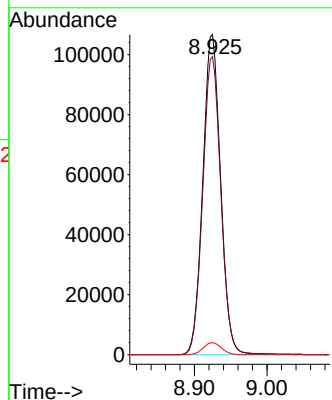
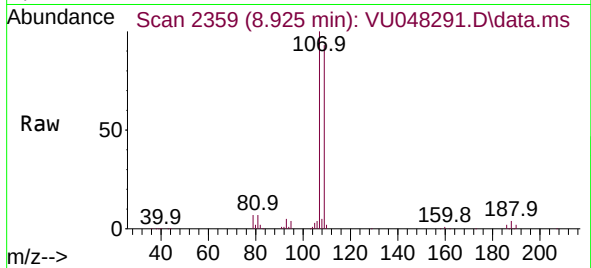




#50
1,2-Dibromoethane
Concen: 50.769 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

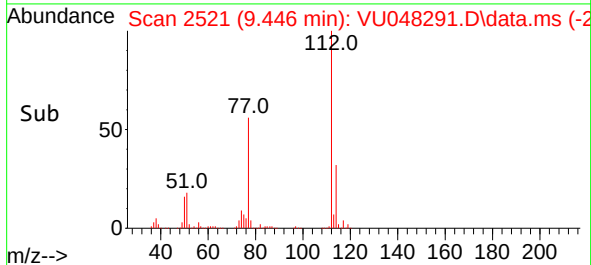
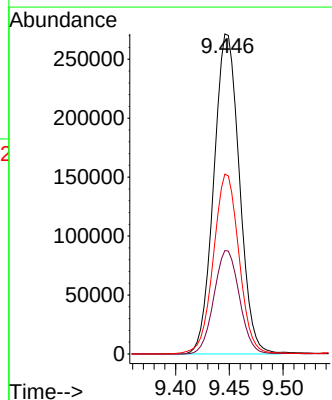
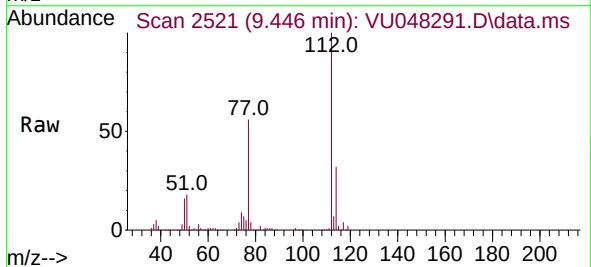
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

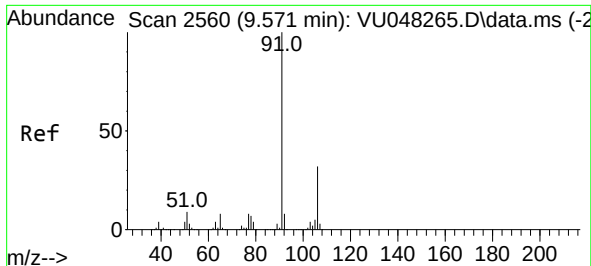
Tgt Ion:107 Resp: 182030
Ion Ratio Lower Upper
107 100
109 93.2 65.0 120.8
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 50.172 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion:112 Resp: 449720
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 56.2 44.3 66.5

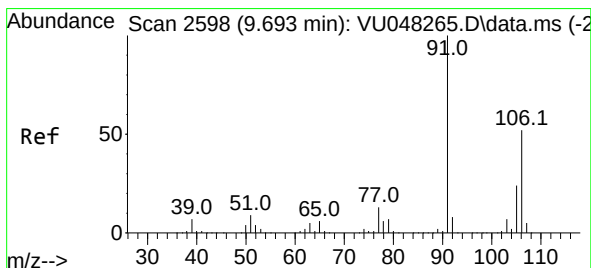
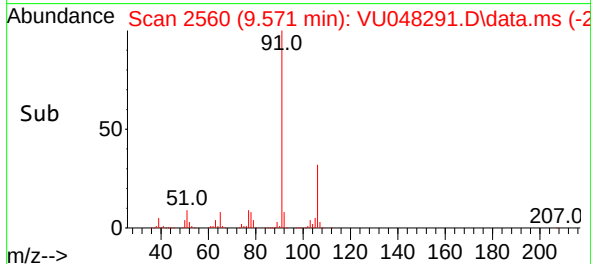
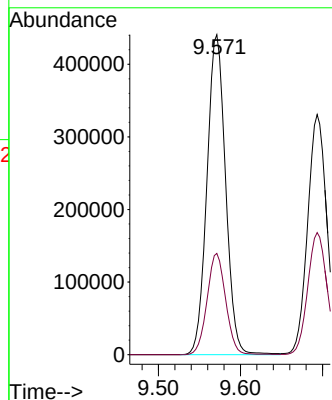
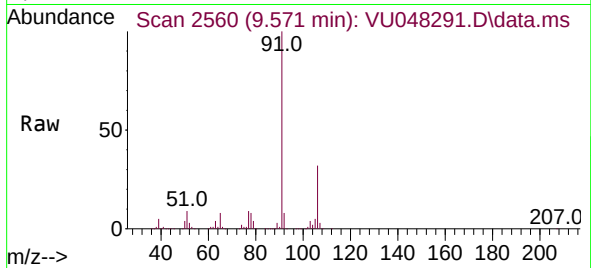




#52
Ethylbenzene
Concen: 54.004 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

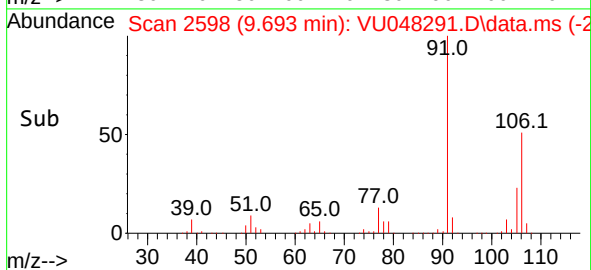
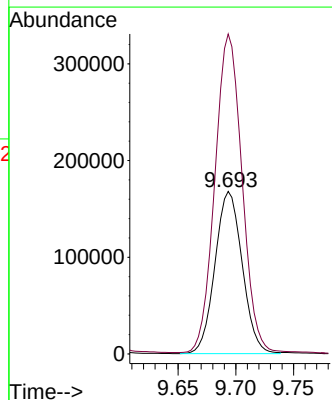
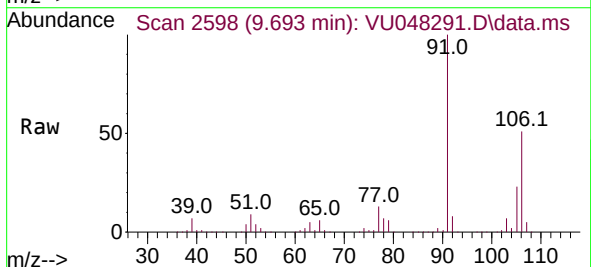
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

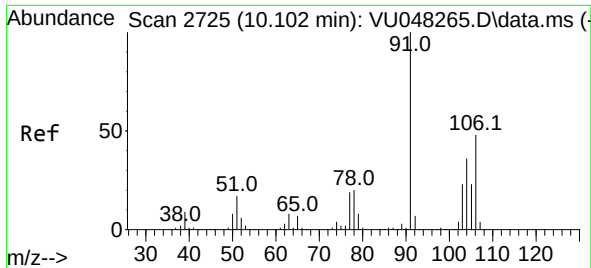
Tgt Ion: 91 Resp: 695482
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9



#53
m,p-Xylene
Concen: 53.987 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 106 Resp: 274366
Ion Ratio Lower Upper
106 100
91 196.9 137.4 255.2

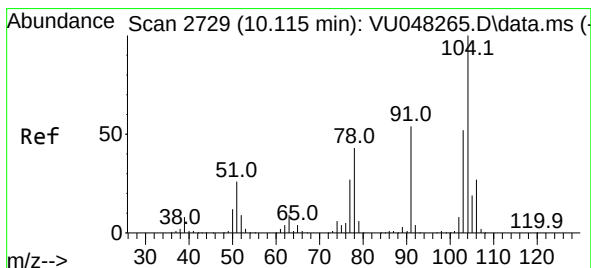
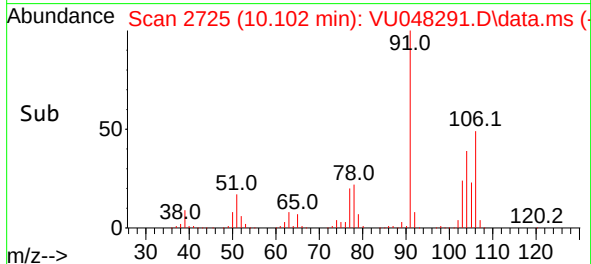
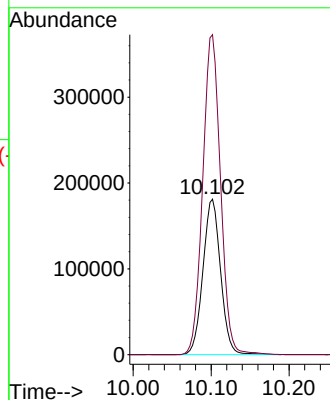
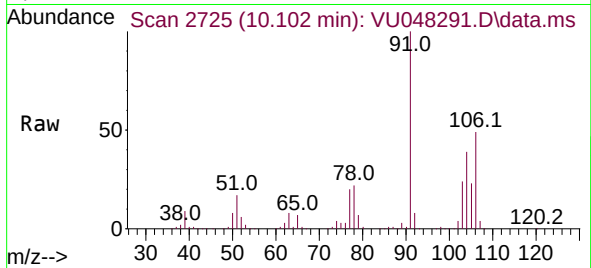




#54
o-Xylene
Concen: 55.727 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

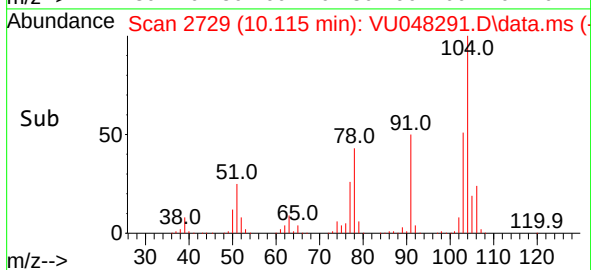
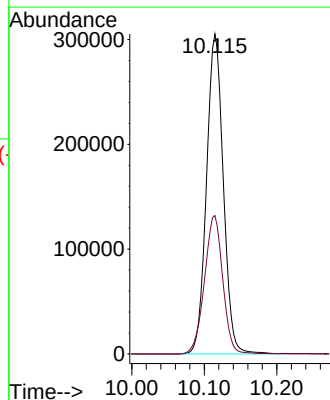
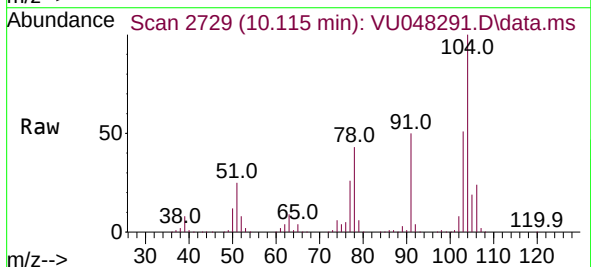
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

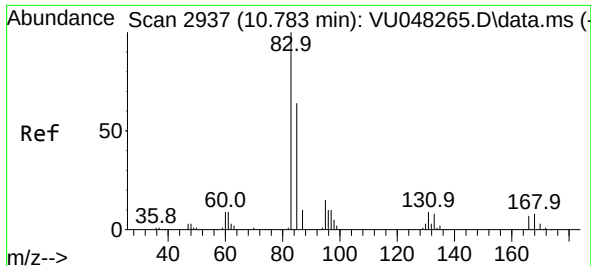
Tgt Ion:106 Resp: 285311
Ion Ratio Lower Upper
106 100
91 205.8 145.3 269.8



#55
Styrene
Concen: 56.519 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion:104 Resp: 492950
Ion Ratio Lower Upper
104 100
78 43.2 30.3 56.3

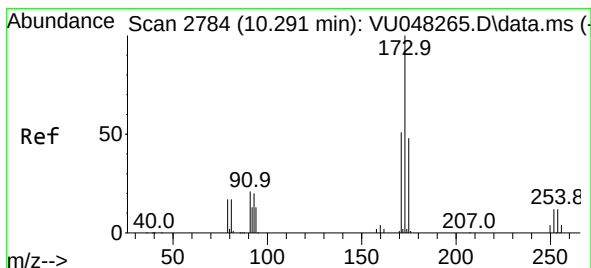
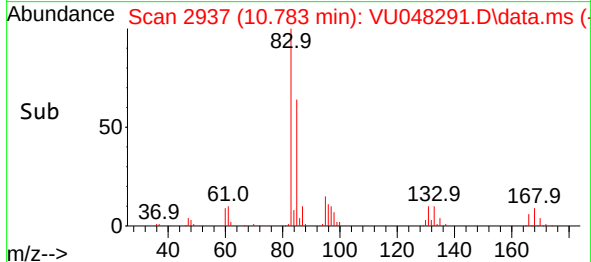
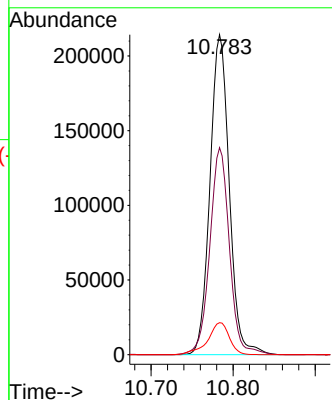
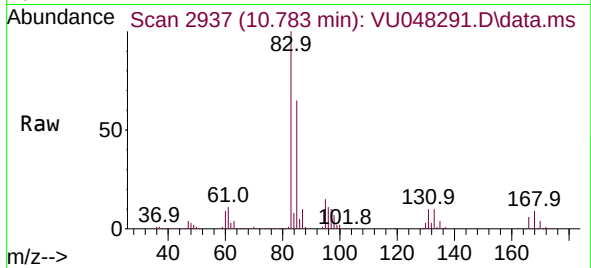




#57
1,1,2,2-Tetrachloroethane
Concen: 50.202 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

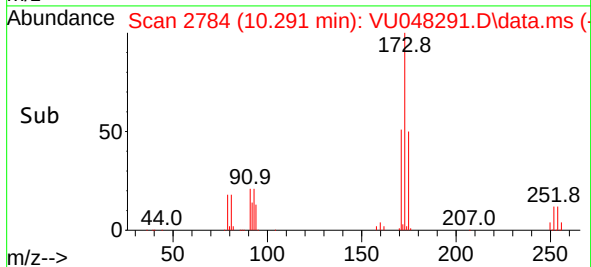
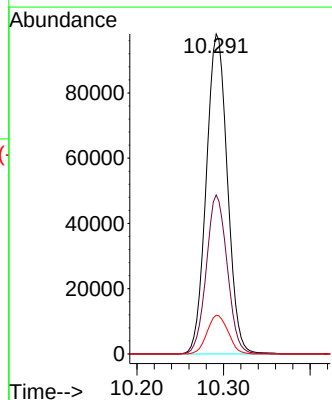
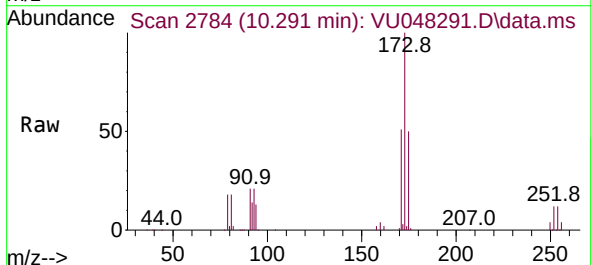
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

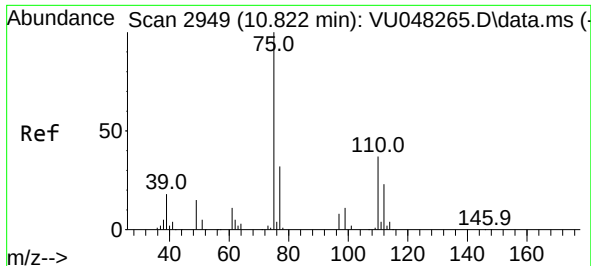
Tgt Ion: 83 Resp: 350313
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7
131 10.0 7.8 11.6



#59
Bromoform
Concen: 49.750 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion:173 Resp: 166051
Ion Ratio Lower Upper
173 100
175 49.2 38.9 58.3
254 12.1 9.5 14.3

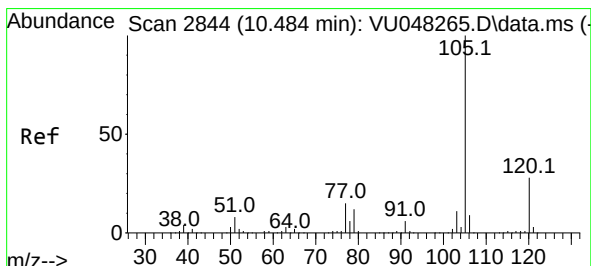
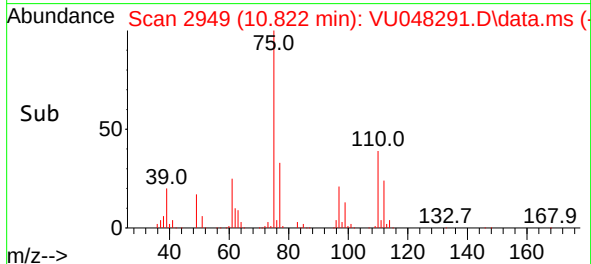
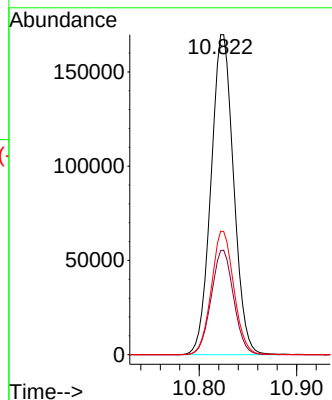
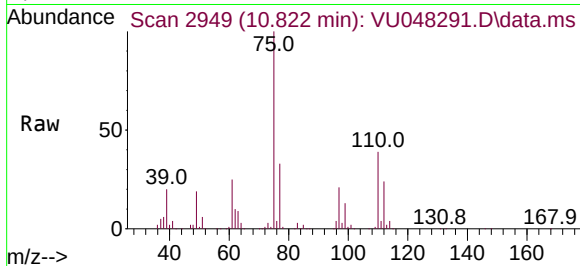




#60
1,2,3-Trichloropropane
Concen: 51.055 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

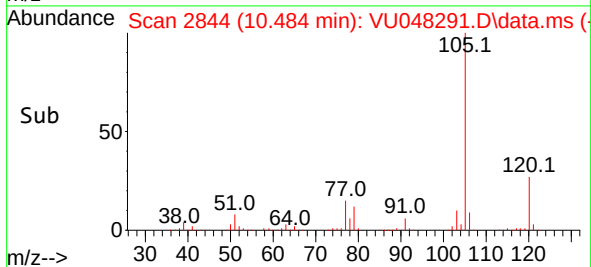
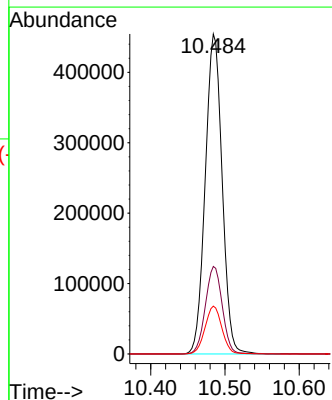
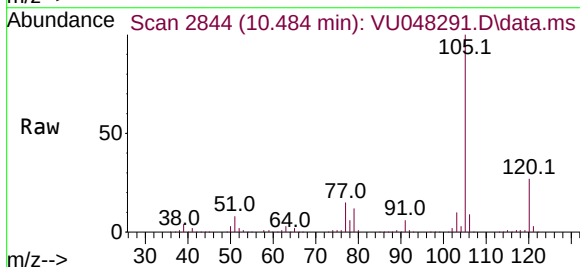
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

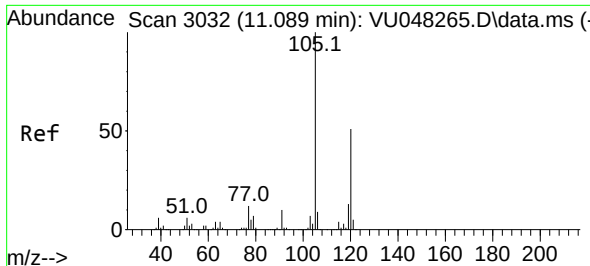
Tgt Ion: 75 Resp: 273922
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 38.4 29.9 44.9



#61
Isopropylbenzene
Concen: 55.659 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion: 105 Resp: 715735
Ion Ratio Lower Upper
105 100
120 27.4 21.7 32.5
77 15.0 11.7 17.5

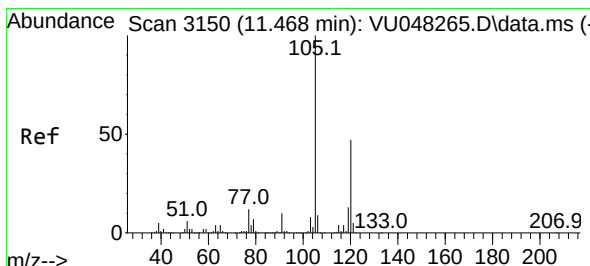
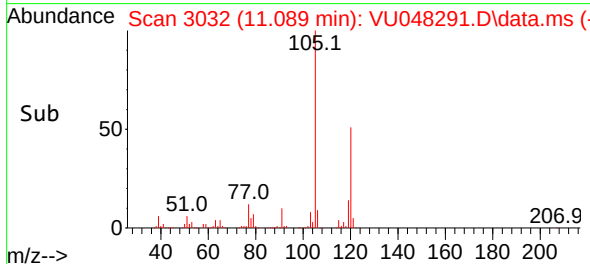
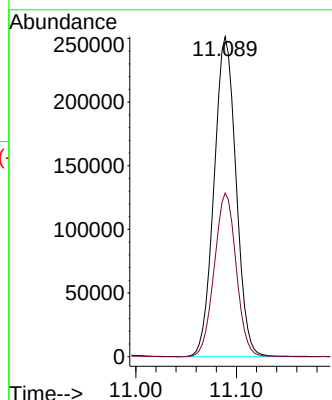
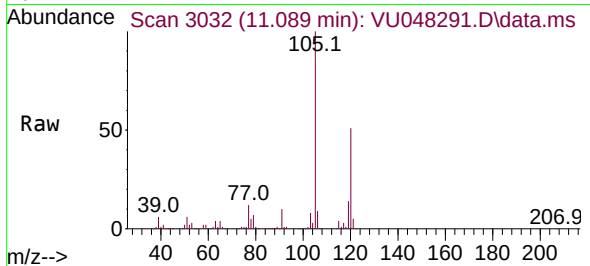




#62
1,3,5-Trimethylbenzene
Concen: 56.380 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

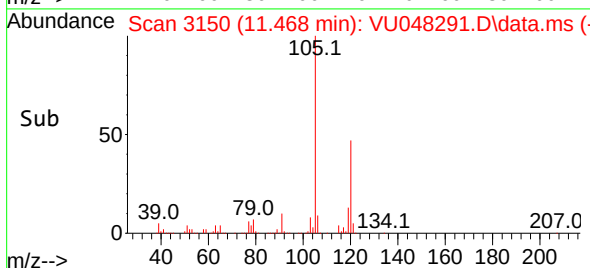
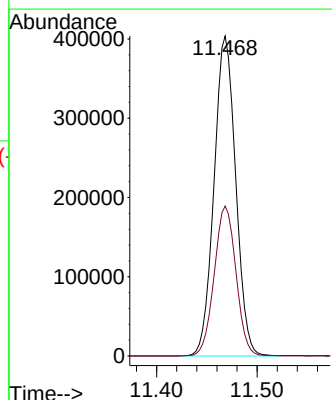
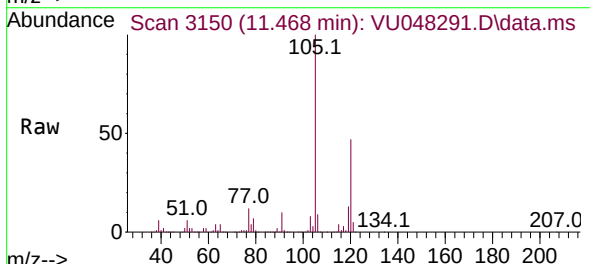
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

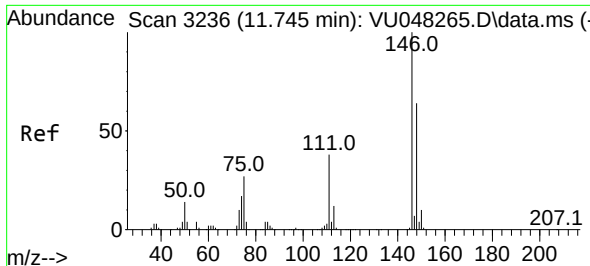
Tgt Ion:105 Resp: 382122
Ion Ratio Lower Upper
105 100
120 51.0 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 57.977 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion:105 Resp: 604137
Ion Ratio Lower Upper
105 100
120 47.1 38.0 57.0

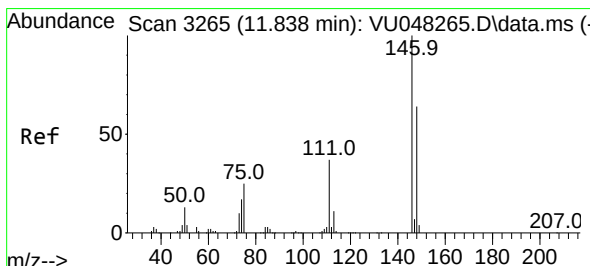
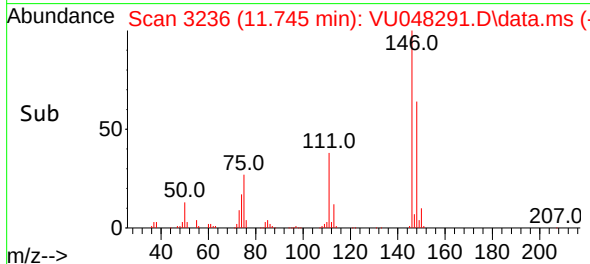
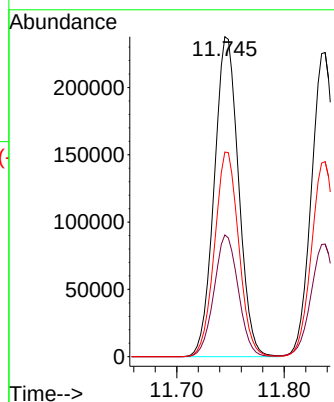
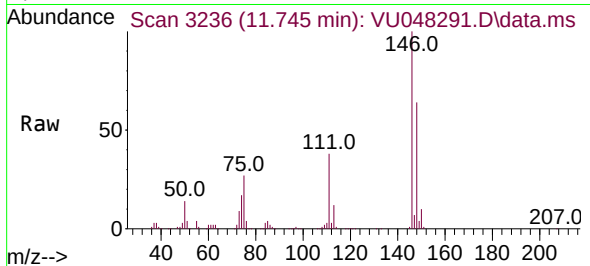




#64
1,3-Dichlorobenzene
Concen: 51.887 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

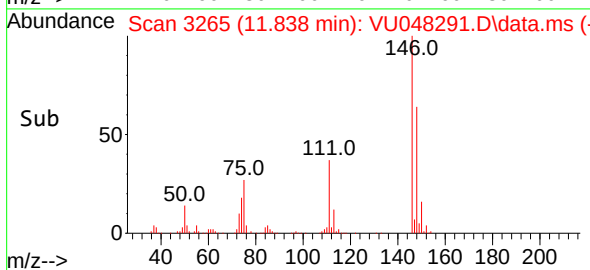
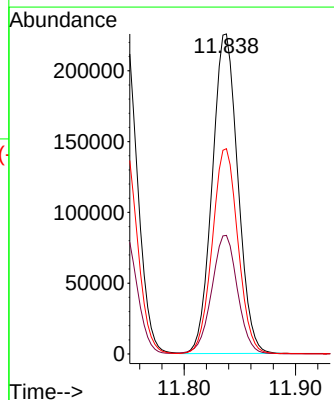
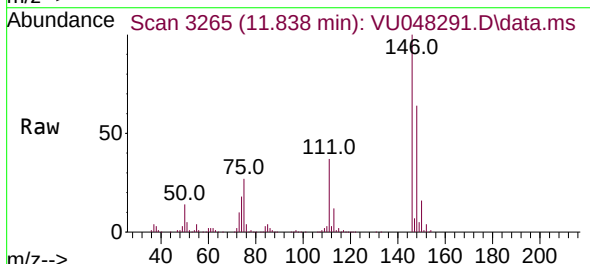
Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

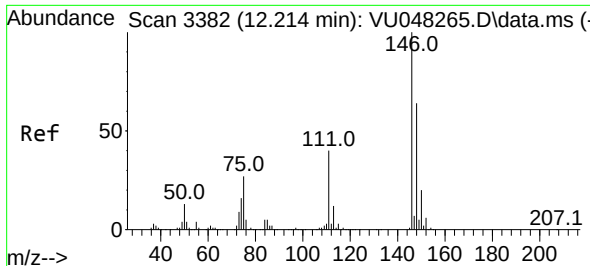
Tgt Ion:146 Resp: 374075
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 64.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 48.977 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion:146 Resp: 360475
Ion Ratio Lower Upper
146 100
111 37.0 25.9 48.1
148 64.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 49.705 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050100

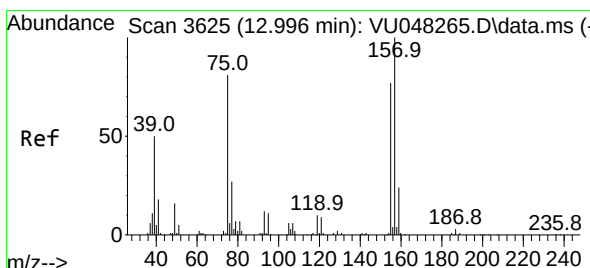
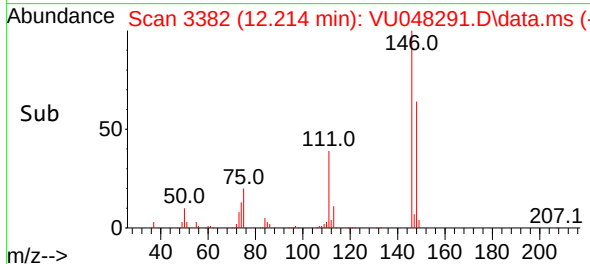
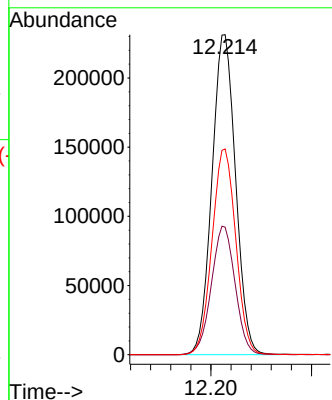
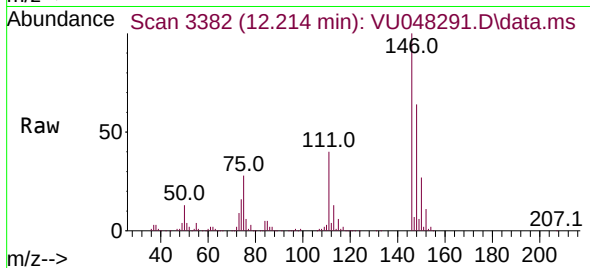
Tgt Ion:146 Resp: 377489

Ion Ratio Lower Upper

146 100

111 39.9 31.7 47.5

148 64.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.499 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048291.D

Acq: 26 Apr 2022 00:25

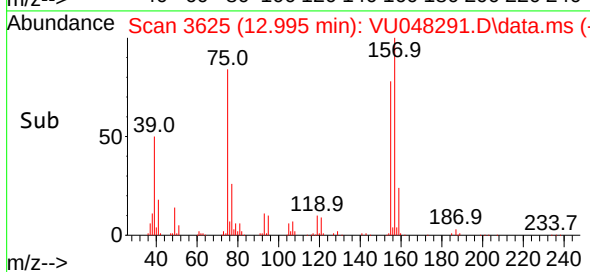
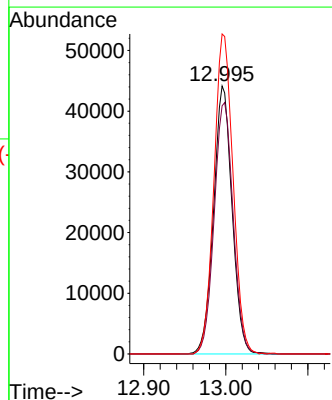
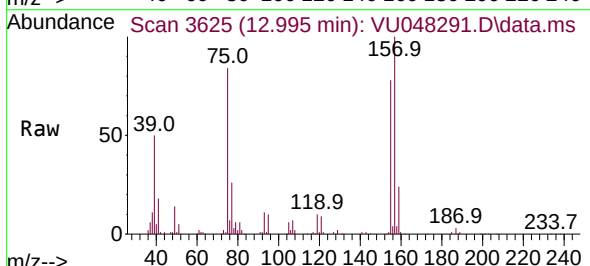
Tgt Ion: 75 Resp: 69464

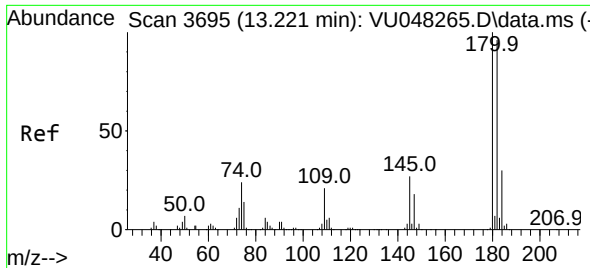
Ion Ratio Lower Upper

75 100

155 92.6 71.8 107.6

157 119.4 93.4 140.2



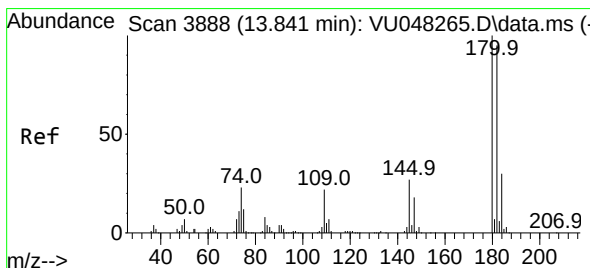
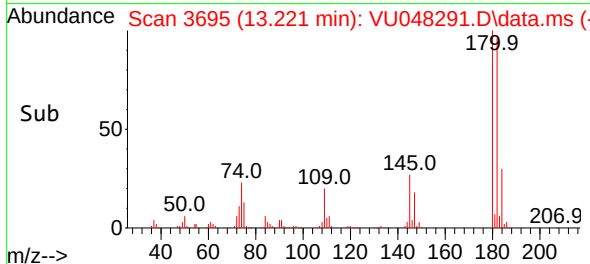
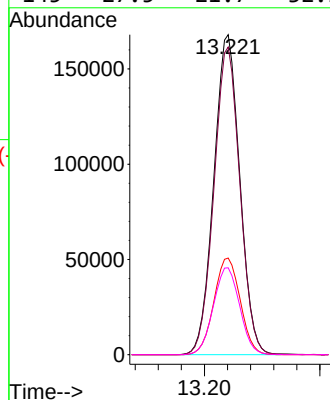
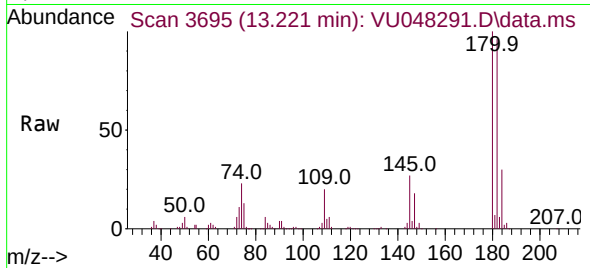


#69
 1,3,5-Trichlorobenzene
 Concen: 48.962 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048291.D
 Acq: 26 Apr 2022 00:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050100

Tgt Ion:180 Resp: 262295

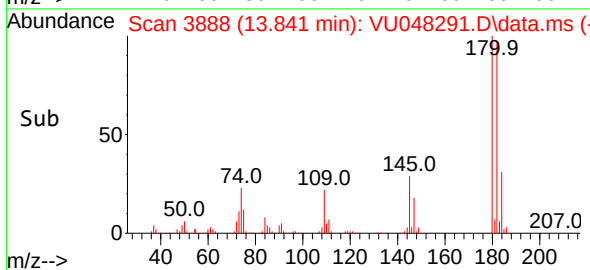
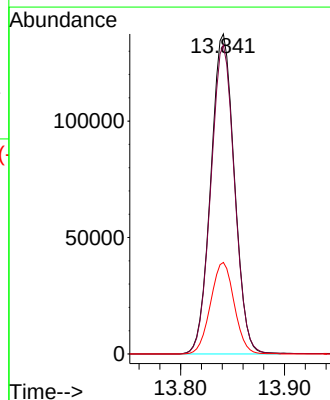
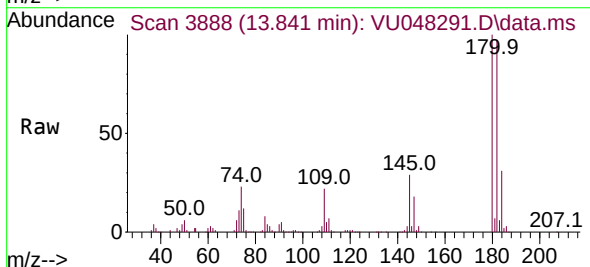
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.4
184	30.6	24.6	37.0
145	27.5	21.7	32.5

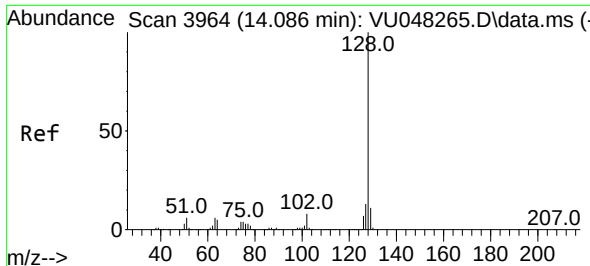


#70
 1,2,4-trichlorobenzene
 Concen: 51.199 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048291.D
 Acq: 26 Apr 2022 00:25

Tgt Ion:180 Resp: 216685

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.3	114.5
145	28.7	22.6	33.8

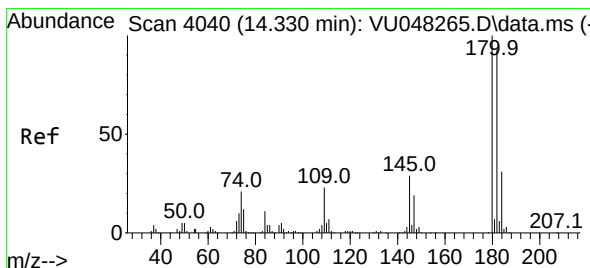
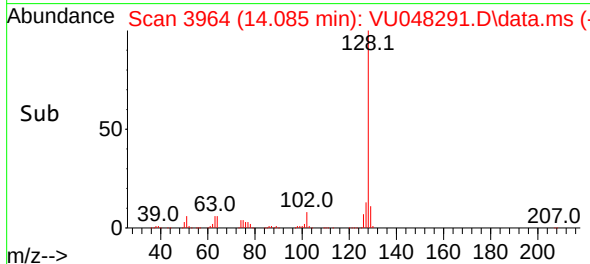
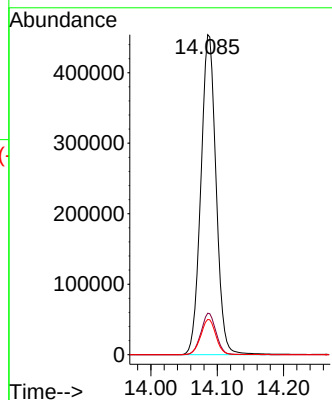
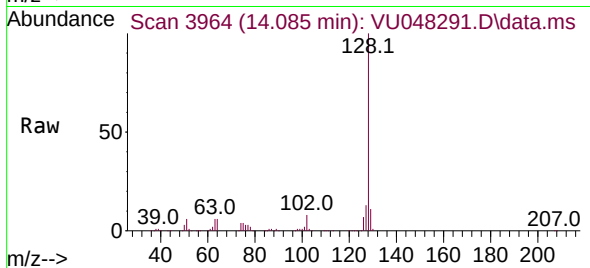




#71
Naphthalene
Concen: 59.826 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD050100

Tgt Ion:128 Resp: 724594
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.259 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048291.D
Acq: 26 Apr 2022 00:25

Tgt Ion:180 Resp: 235338
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 29.8 23.5 35.3

