

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080124\
 Data File : VU060291.D
 Acq On : 01 Aug 2024 11:39
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050092

Quant Time: Aug 02 02:33:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 02:32:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	218846	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227504	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112687	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72089	51.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.600%
7) Chloroethane-d5	1.901	69	60515	51.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.560	63	111858	44.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.620%
21) 2-Butanone-d5	4.611	46	113307	116.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.030%
24) Chloroform-d	5.055	84	137452	50.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
26) 1,2-Dichloroethane-d4	5.692	65	83764	51.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.540%
32) Benzene-d6	5.718	84	270137	46.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.682	67	90891	50.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.820%
41) Toluene-d8	7.891	98	242596	43.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.580%
43) trans-1,3-Dichloroprop...	8.174	79	36869	43.699	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.400%
47) 2-Hexanone-d5	8.624	63	69172	91.031	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.030%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	143602	51.890	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.780%
66) 1,2-Dichlorobenzene-d4	12.187	152	90222	43.570	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.140%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	44123	32.464	ug/L	99
3) Chloromethane	1.518	50	63844	47.869	ug/L	99
5) Vinyl chloride	1.602	62	66187	42.274	ug/L	99
6) Bromomethane	1.843	94	45093	54.830	ug/L	97
8) Chloroethane	1.923	64	47076	46.184	ug/L	100
9) Trichlorofluoromethane	2.129	101	85867	39.393	ug/L	99
10) 1,1,2-Trichloro-1,2,-...	2.573	101	56487	40.711	ug/L	93
12) 1,1-Dichloroethene	2.573	96	52045	40.108	ug/L	99
13) Acetone	2.618	43	81138	80.690	ug/L	95
14) Carbon disulfide	2.785	76	113946	34.792	ug/L	99
15) Methyl Acetate	2.939	43	92445	60.978	ug/L	96
16) Methylene chloride	3.036	84	84275	51.504	ug/L	91
17) trans-1,2-Dichloroethene	3.345	96	56196	42.066	ug/L	94
18) Methyl tert-butyl Ether	3.354	73	222740	51.336	ug/L	98
19) 1,1-Dichloroethane	3.856	63	134689	53.159	ug/L	97
20) cis-1,2-Dichloroethene	4.656	96	77404	47.850	ug/L	97
22) 2-Butanone	4.689	43	129484	104.662	ug/L	97
23) Bromochloromethane	4.965	128	40685	47.683	ug/L #	86
25) Chloroform	5.078	83	146004	53.551	ug/L	97

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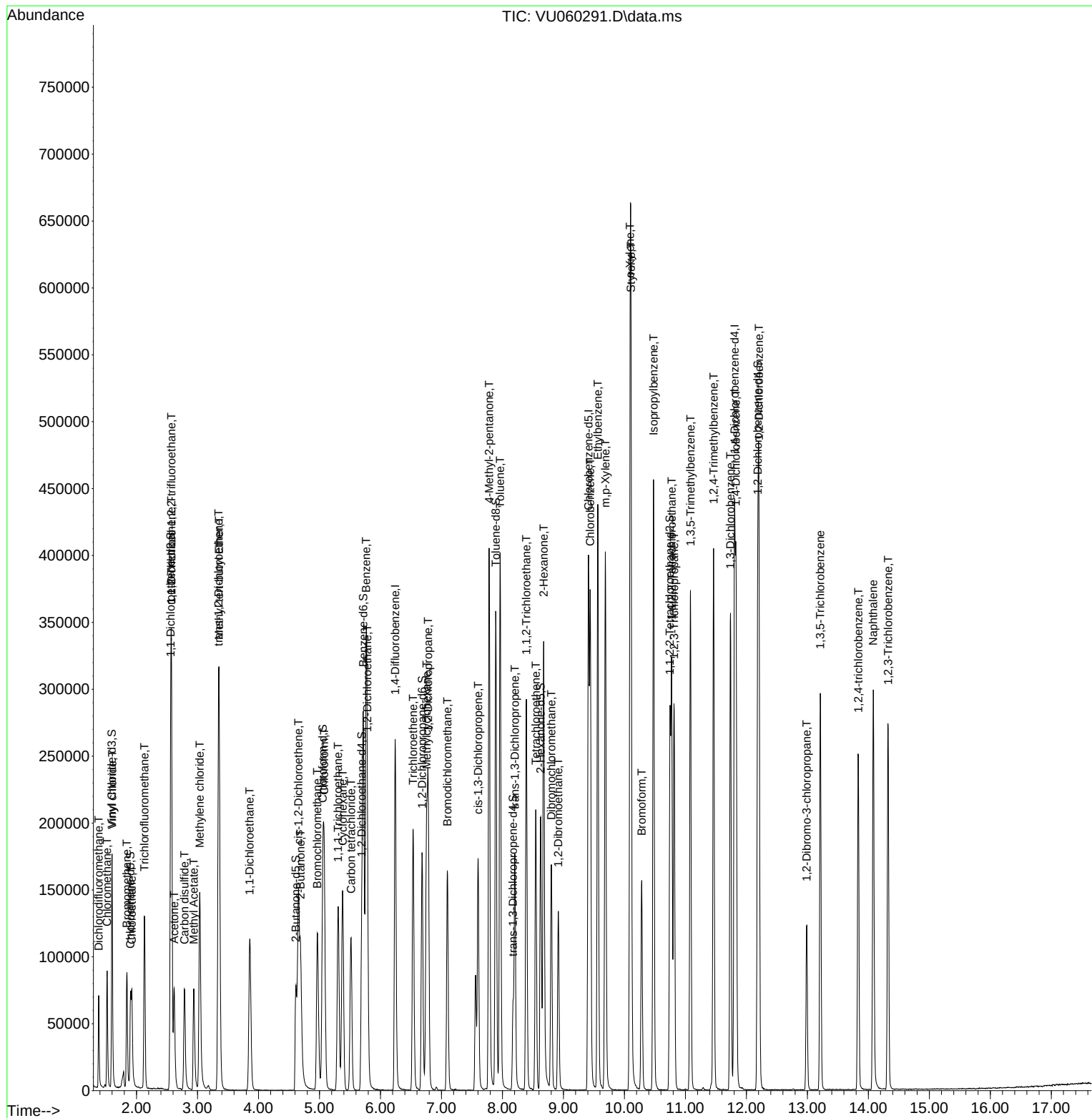
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	107810	52.087	ug/L	99
29) Cyclohexane	5.380	56	71651	35.173	ug/L	93
30) 1,1,1-Trichloroethane	5.306	97	100706	42.729	ug/L	99
31) Carbon tetrachloride	5.518	117	82779	42.519	ug/L	98
33) Benzene	5.766	78	298170	48.534	ug/L	100
34) Trichloroethene	6.534	95	70613	43.071	ug/L	91
35) Methylcyclohexane	6.756	83	71176	31.436	ug/L	93
37) 1,2-Dichloropropane	6.782	63	89892	53.159	ug/L	100
38) Bromodichloromethane	7.097	83	109447	51.081	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	108144	41.799	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	248799	116.410	ug/L	98
42) Toluene	7.962	91	309851	46.199	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	105367	44.337	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	92730	52.362	ug/L	97
46) Tetrachloroethene	8.547	164	46917	34.787	ug/L	94
48) 2-Hexanone	8.676	43	197277	110.289	ug/L	98
49) Dibromochloromethane	8.801	129	87898	50.374	ug/L	99
50) 1,2-Dibromoethane	8.917	107	91248	49.280	ug/L	100
51) Chlorobenzene	9.441	112	200362	45.000	ug/L	97
52) Ethylbenzene	9.563	91	310067	43.292	ug/L	96
53) m,p-Xylene	9.688	106	116854	41.903	ug/L	98
54) o-Xylene	10.094	106	117604	43.855	ug/L	93
55) Styrene	10.110	104	218287	48.250	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	165288	55.345	ug/L	99
59) Bromoform	10.283	173	69924	51.319	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	126611	59.202	ug/L	96
61) Isopropylbenzene	10.479	105	296698	45.168	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	204828	42.595	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	223598	43.411	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	151766	44.550	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	155694	44.210	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	159691	46.403	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.987	75	32868	56.197	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	94804	38.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	80926	36.556	ug/L	99
71) Naphthalene	14.081	128	252873	39.527	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	89785	40.424	ug/L	99

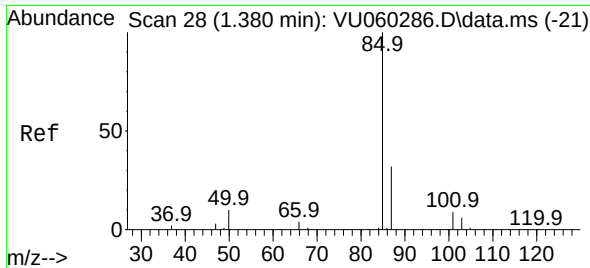
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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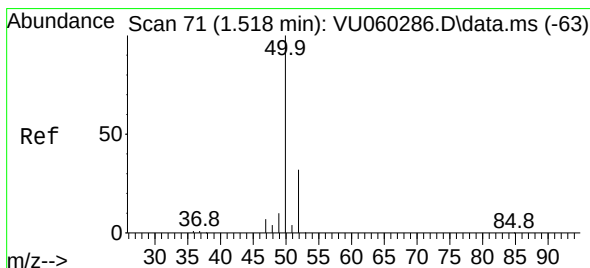
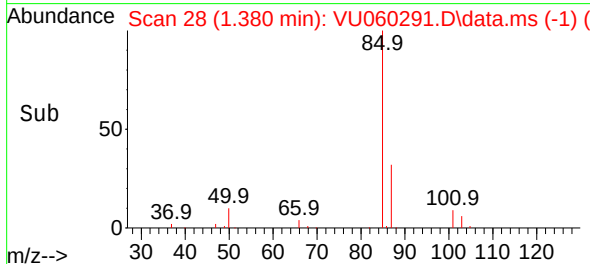
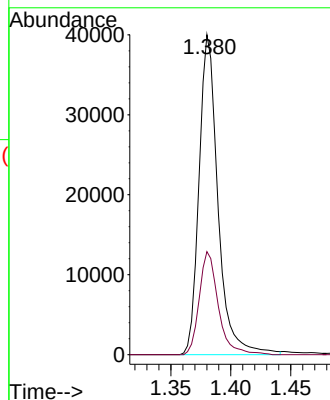
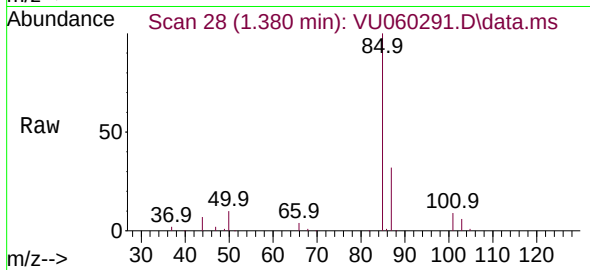




#2
Dichlorodifluoromethane
Concen: 32.464 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

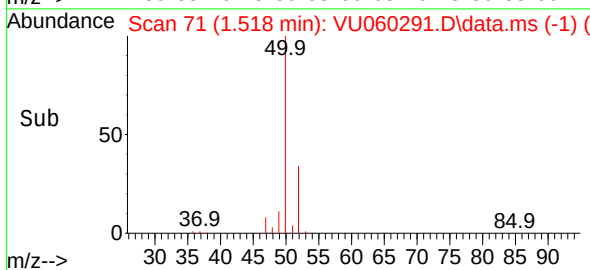
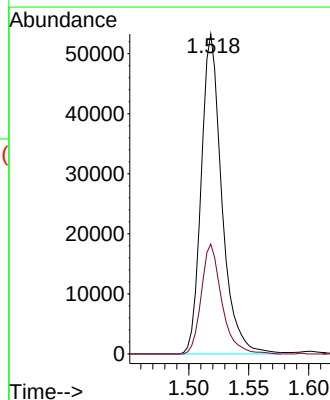
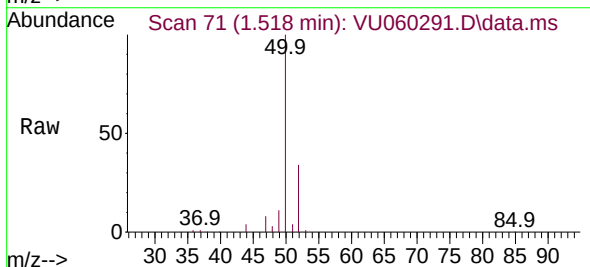
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

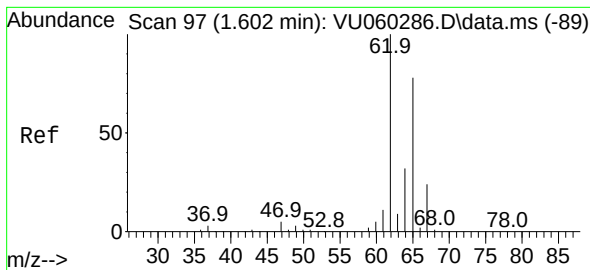
Tgt Ion: 85 Resp: 44123
Ion Ratio Lower Upper
85 100
87 32.4 25.4 38.2



#3
Chloromethane
Concen: 47.869 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 50 Resp: 63844
Ion Ratio Lower Upper
50 100
52 34.4 24.5 45.5





#5

Vinyl chloride

Concen: 42.274 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

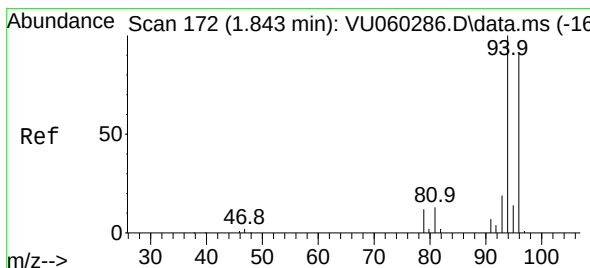
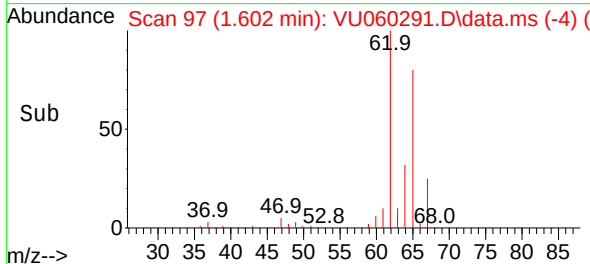
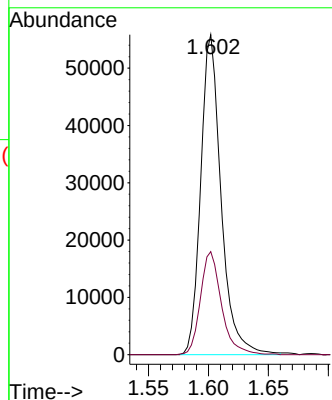
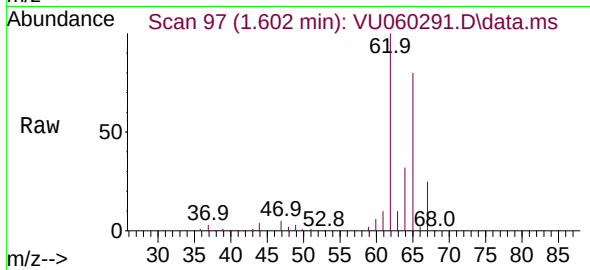
VSTD050092

Tgt Ion: 62 Resp: 66187

Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5



#6

Bromomethane

Concen: 54.830 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.000 min

Lab File: VU060291.D

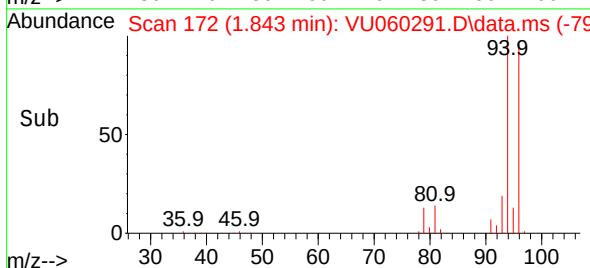
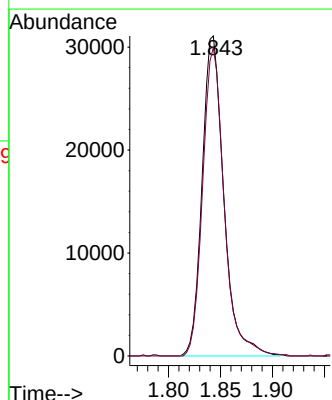
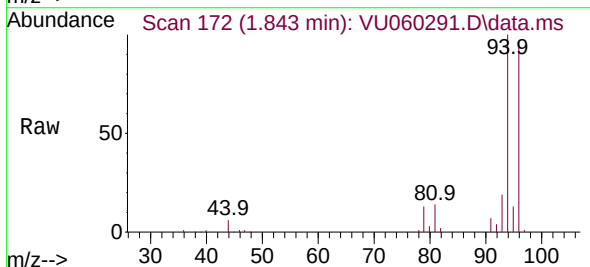
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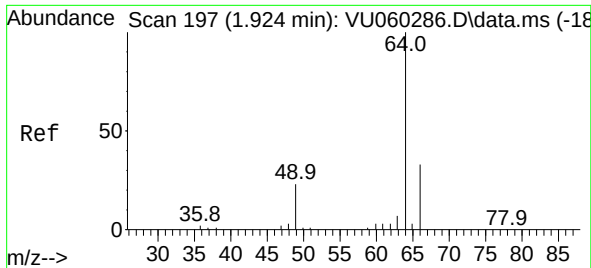
Tgt Ion: 94 Resp: 45093

Ion Ratio Lower Upper

94 100

96 96.4 65.2 121.2

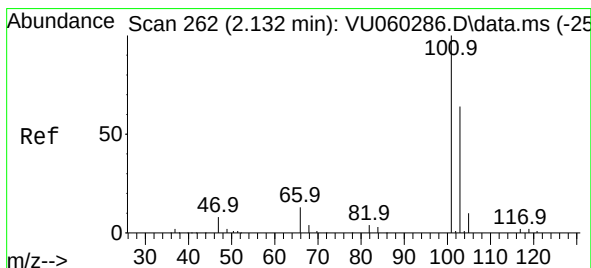
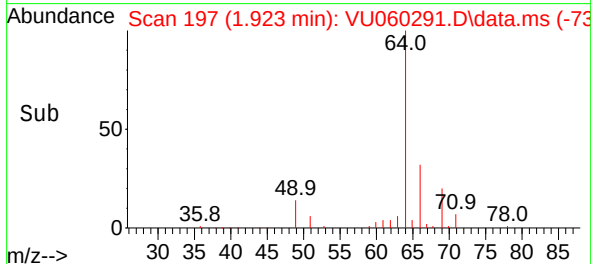
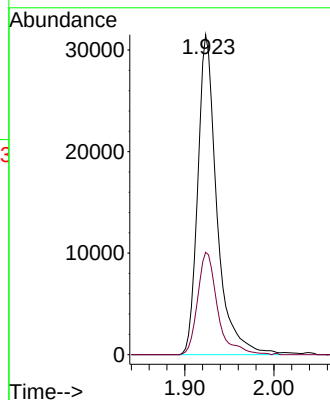
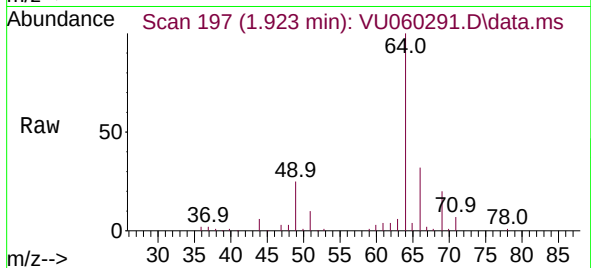




#8
Chloroethane
Concen: 46.184 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

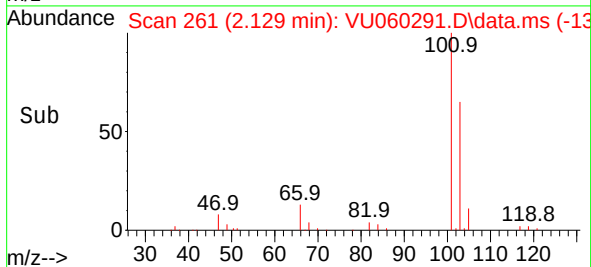
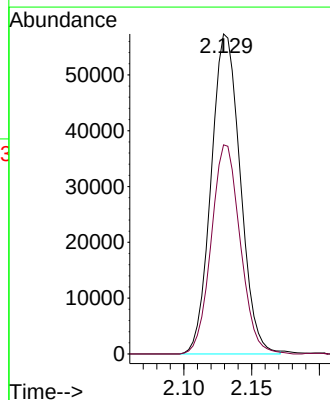
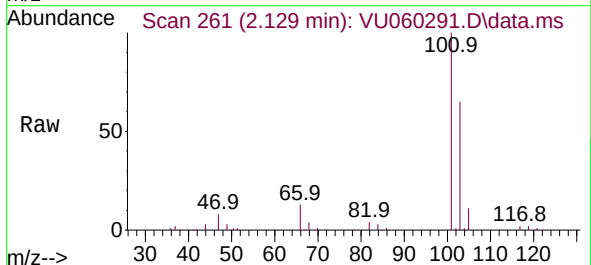
Instrument :
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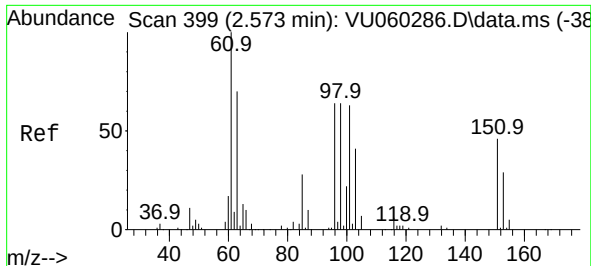
Tgt Ion: 64 Resp: 47076
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 39.393 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion:101 Resp: 85867
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

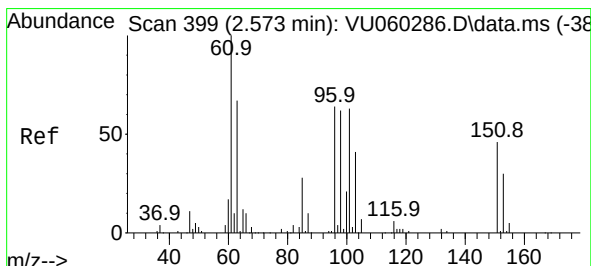
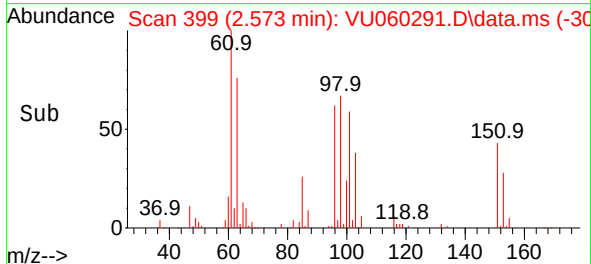
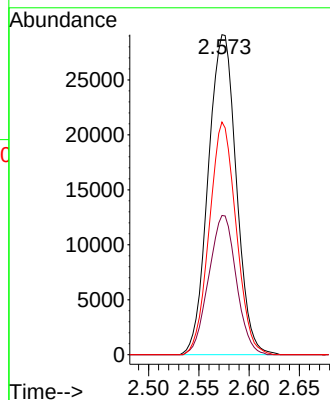
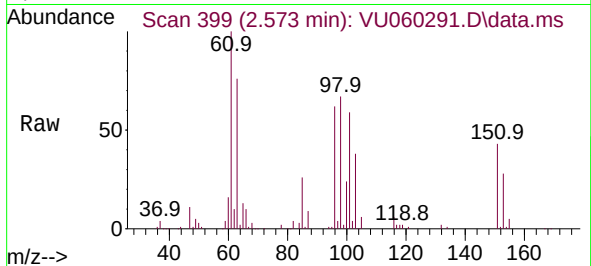




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.711 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060291.D
 Acq: 01 Aug 2024 11:39

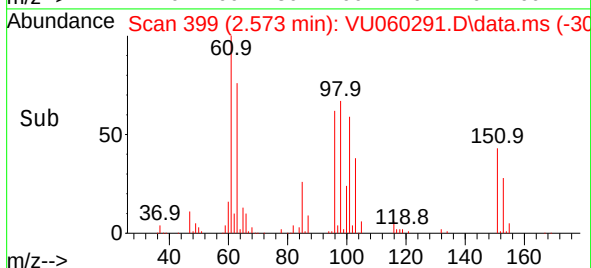
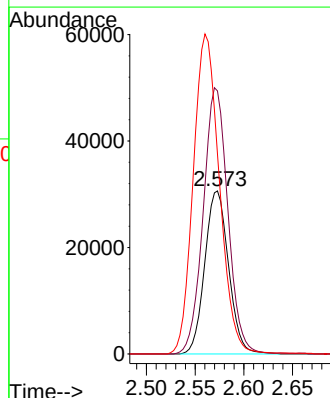
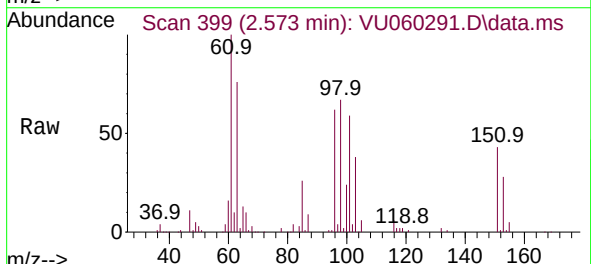
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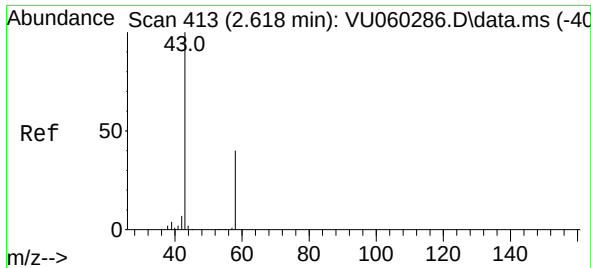
Tgt Ion:101 Resp: 56487
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.8 52.2
 151 69.5 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 40.108 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060291.D
 Acq: 01 Aug 2024 11:39

Tgt Ion: 96 Resp: 52045
 Ion Ratio Lower Upper
 96 100
 61 161.3 112.2 208.4
 63 122.5 87.4 162.2





#13

Acetone

Concen: 80.690 ug/L

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

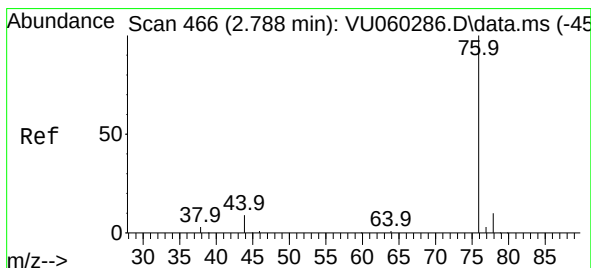
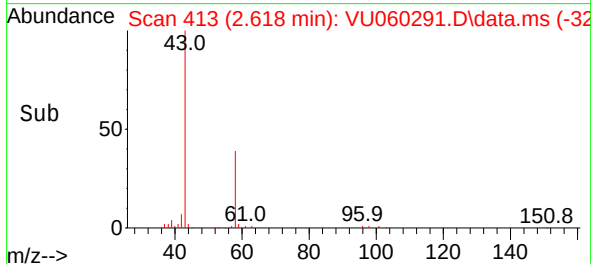
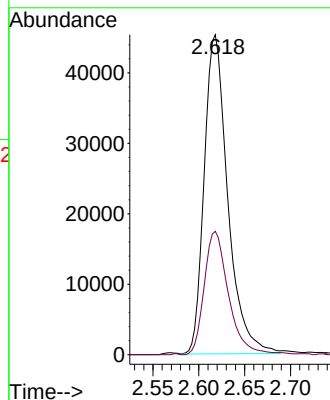
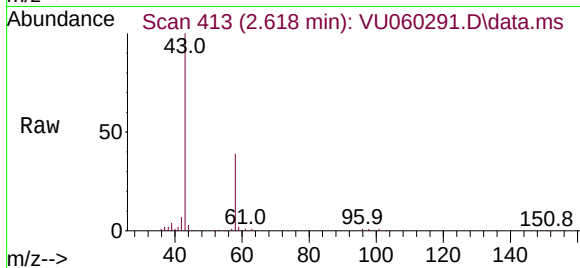
VSTD050092

Tgt Ion: 43 Resp: 81138

Ion Ratio Lower Upper

43 100

58 39.9 0.0 73.8



#14

Carbon disulfide

Concen: 34.792 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060291.D

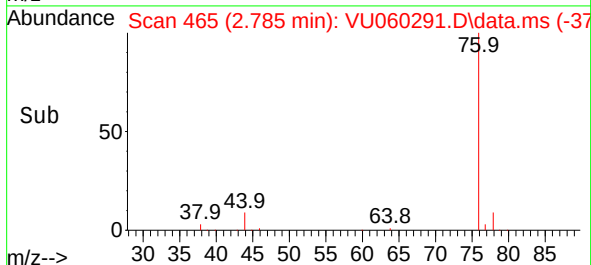
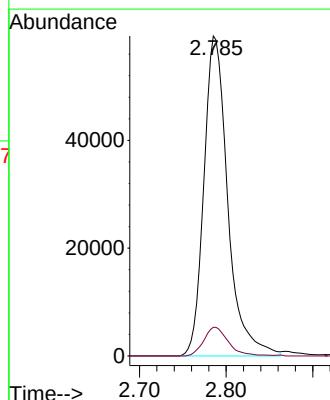
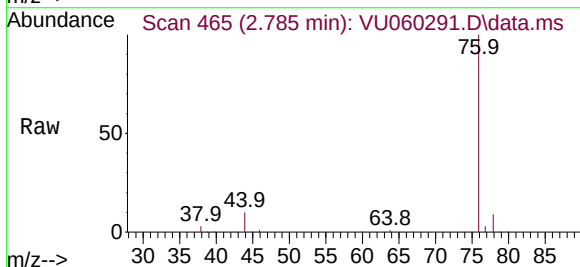
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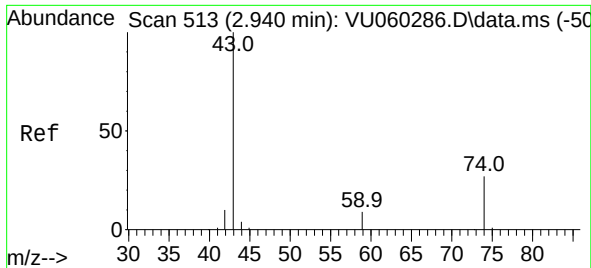
Tgt Ion: 76 Resp: 113946

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4





#15

Methyl Acetate

Concen: 60.978 ug/L

RT: 2.939 min Scan# 513

Delta R.T. -0.000 min

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Instrument :

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ClientSampleId :

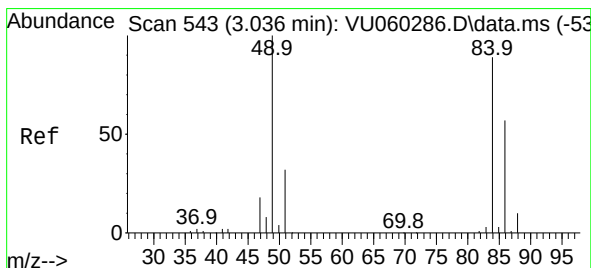
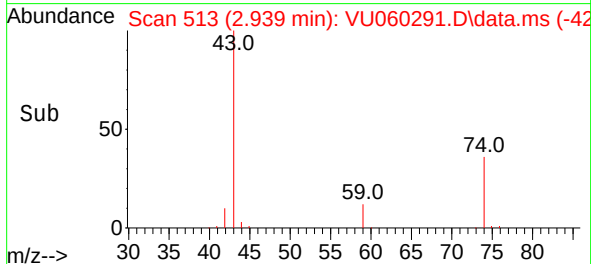
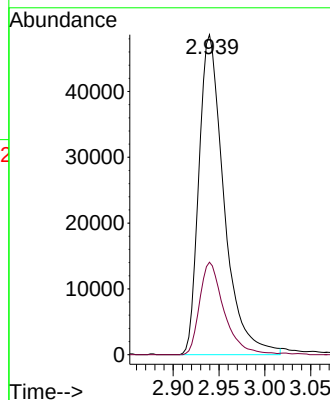
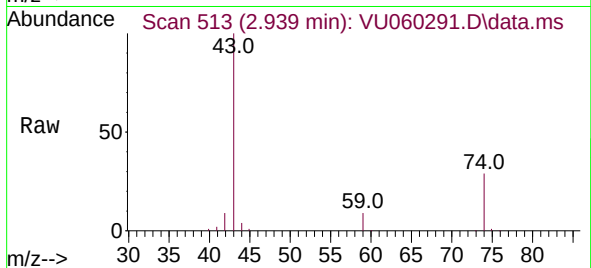
VSTD050092

Tgt Ion: 43 Resp: 92445

Ion Ratio Lower Upper

43 100

74 28.0 24.1 36.1



#16

Methylene chloride

Concen: 51.504 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

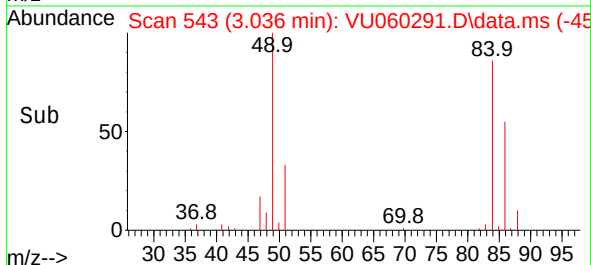
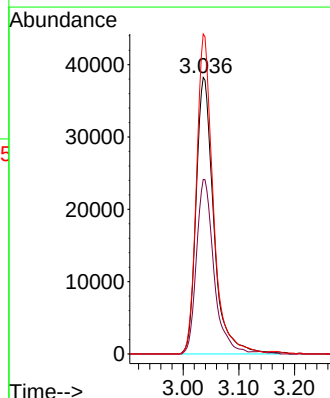
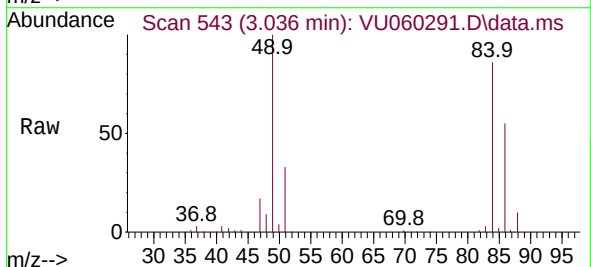
Tgt Ion: 84 Resp: 84275

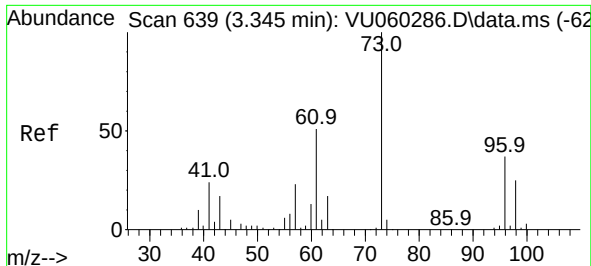
Ion Ratio Lower Upper

84 100

86 63.1 44.7 83.1

49 115.8 71.6 133.0





#17

trans-1,2-Dichloroethene

Concen: 42.066 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050092

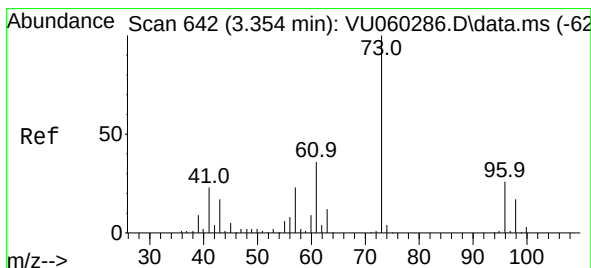
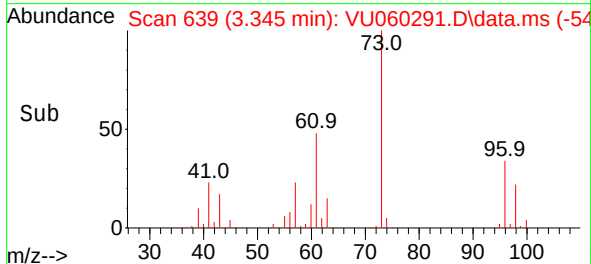
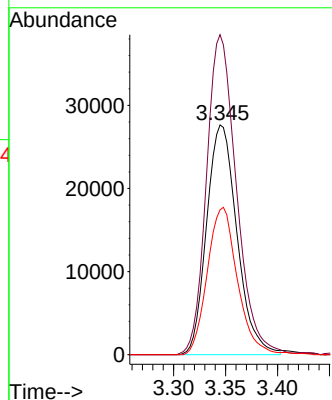
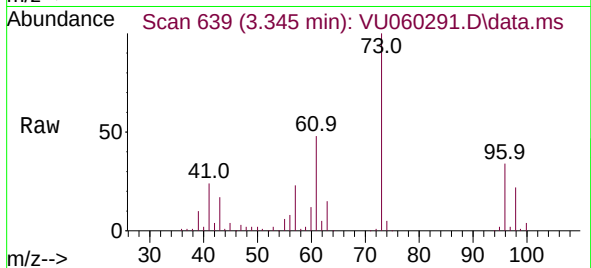
Tgt Ion: 96 Resp: 56196

Ion Ratio Lower Upper

96 100

61 139.3 90.6 168.3

98 63.0 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 51.336 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

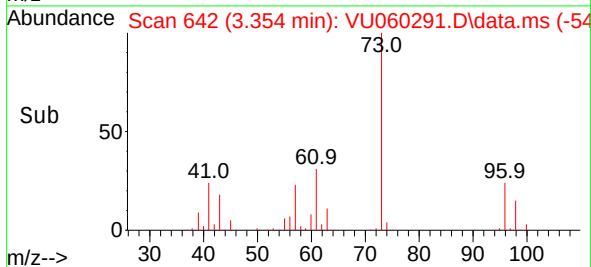
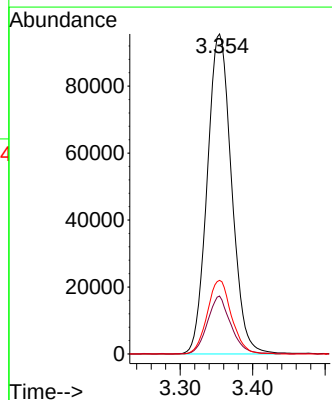
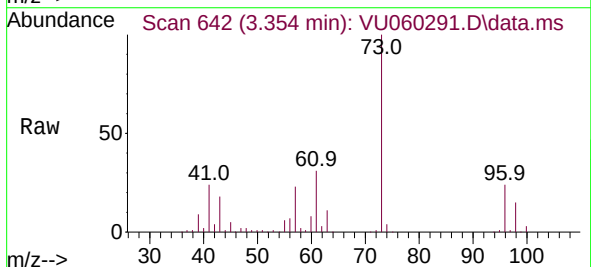
Tgt Ion: 73 Resp: 222740

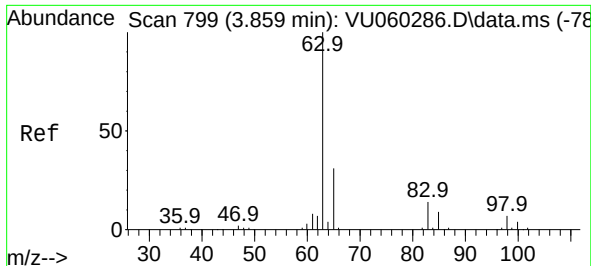
Ion Ratio Lower Upper

73 100

43 17.3 14.1 21.1

57 22.9 17.1 25.7

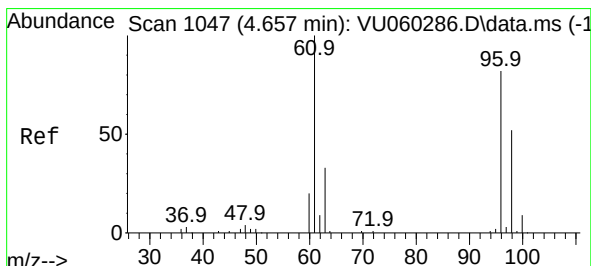
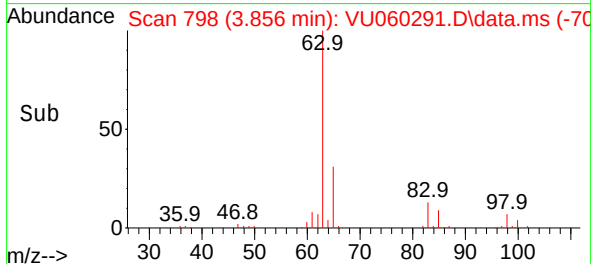
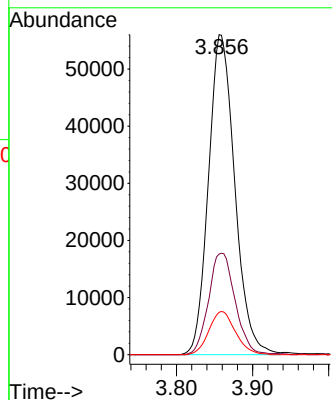
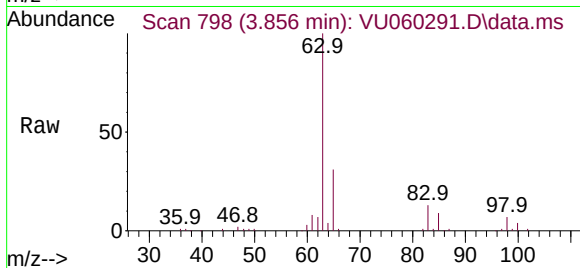




#19
1,1-Dichloroethane
Concen: 53.159 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

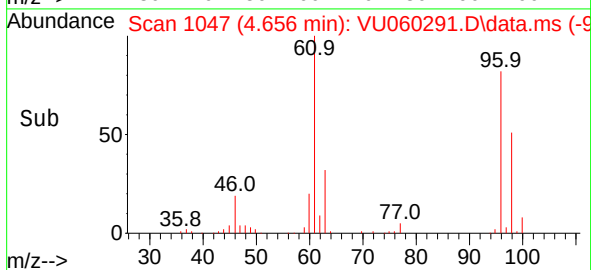
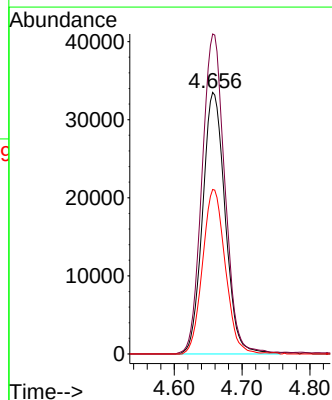
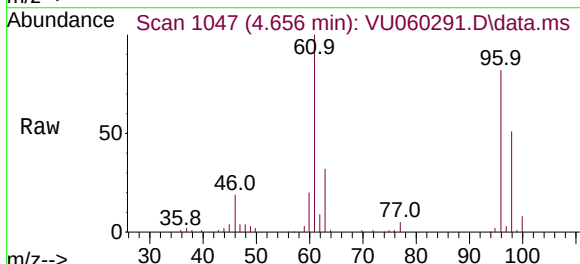
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

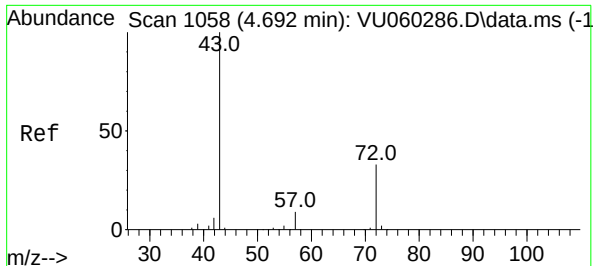
Tgt Ion: 63 Resp: 134689
Ion Ratio Lower Upper
63 100
65 31.5 23.3 43.3
83 13.2 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 47.850 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 96 Resp: 77404
Ion Ratio Lower Upper
96 100
61 122.3 83.2 154.4
98 62.9 45.9 85.3





#22

2-Butanone

Concen: 104.662 ug/L

RT: 4.689 min Scan# 1057

Delta R.T. -0.003 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

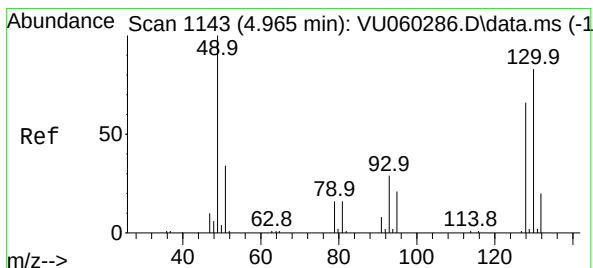
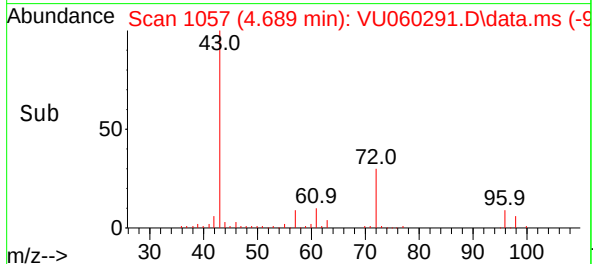
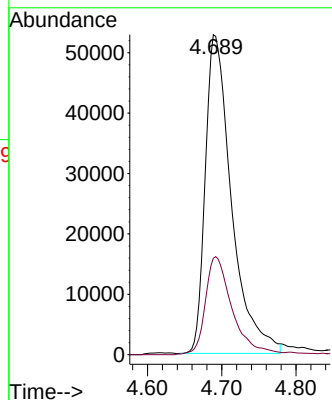
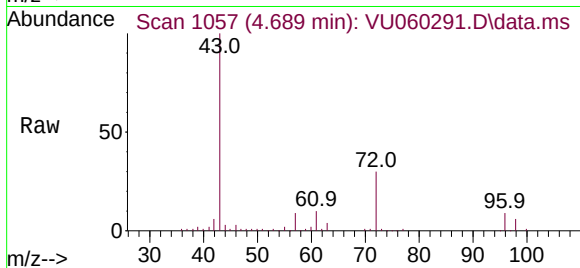
VSTD050092

Tgt Ion: 43 Resp: 129484

Ion Ratio Lower Upper

43 100

72 31.3 16.4 49.2



#23

Bromochloromethane

Concen: 47.683 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Tgt Ion:128 Resp: 40685

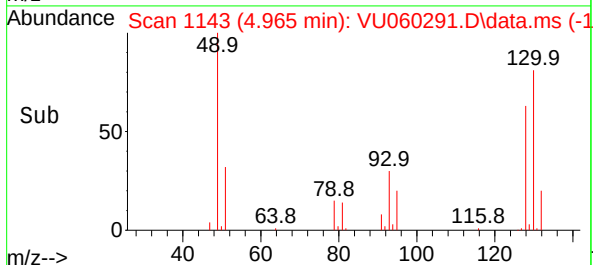
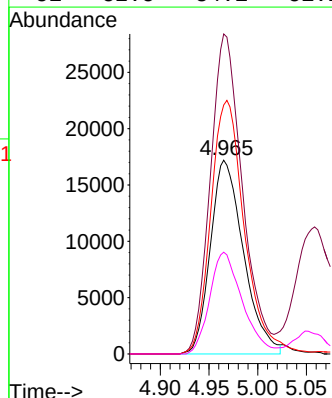
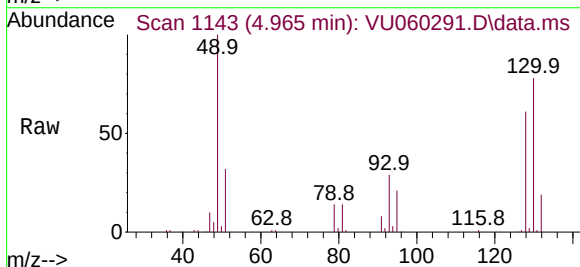
Ion Ratio Lower Upper

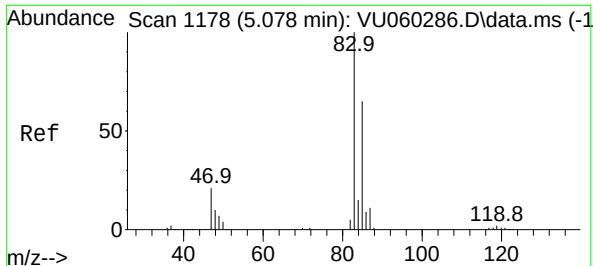
128 100

49 165.1 96.7 179.7

130 128.4 86.3 160.3

51 52.5 34.1 51.1#





#25

Chloroform

Concen: 53.551 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

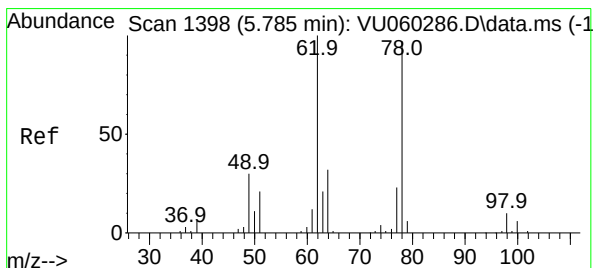
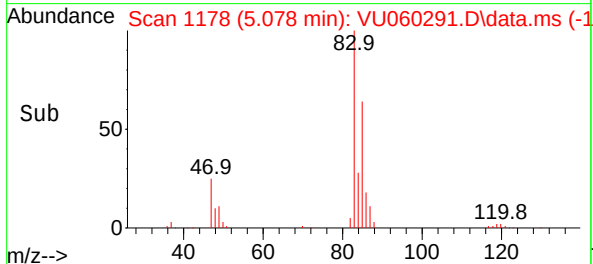
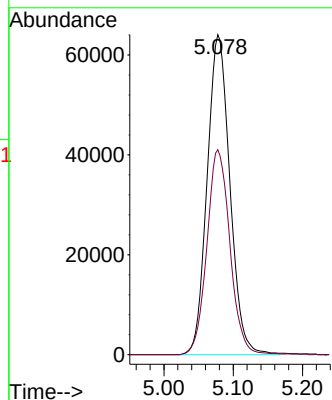
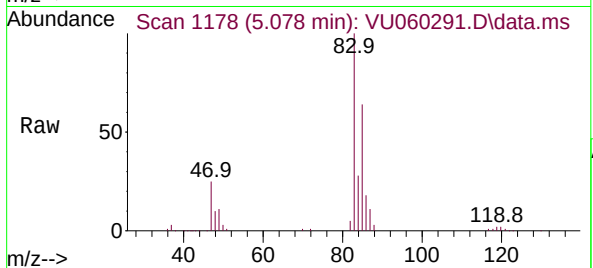
VSTD050092

Tgt Ion: 83 Resp: 146004

Ion Ratio Lower Upper

83 100

85 64.1 46.7 86.7



#27

1,2-Dichloroethane

Concen: 52.087 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU060291.D

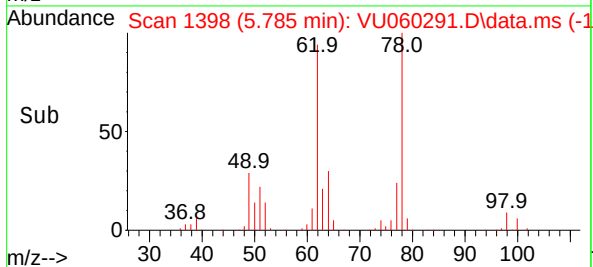
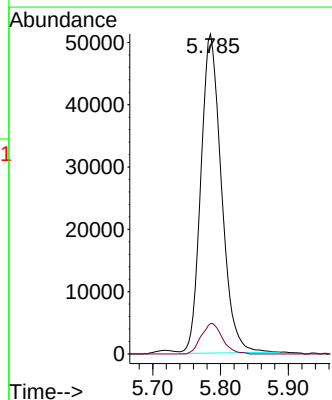
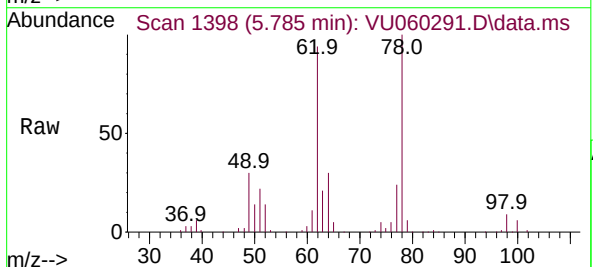
Acq: 01 Aug 2024 11:39

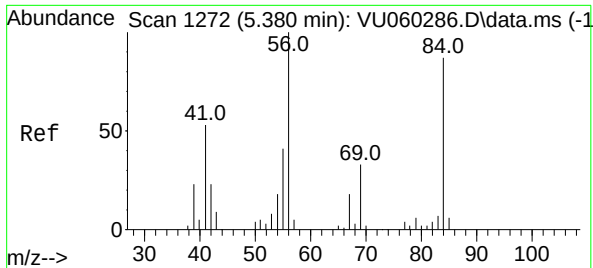
Tgt Ion: 62 Resp: 107810

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

Cyclohexane

Concen: 35.173 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050092

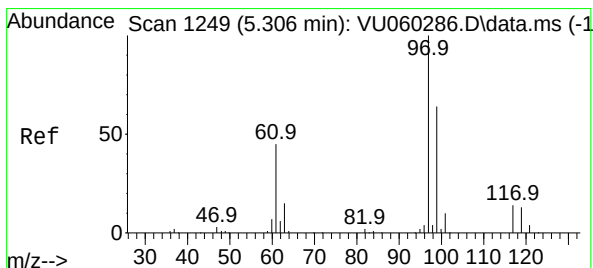
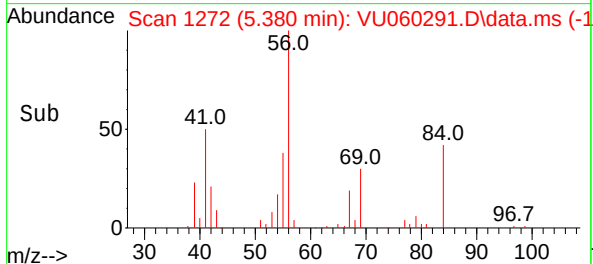
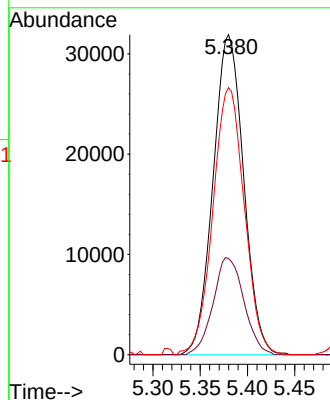
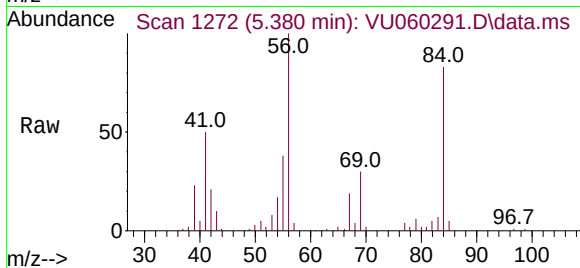
Tgt Ion: 56 Resp: 71651

Ion Ratio Lower Upper

56 100

69 30.5 26.0 39.0

84 85.9 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 42.729 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

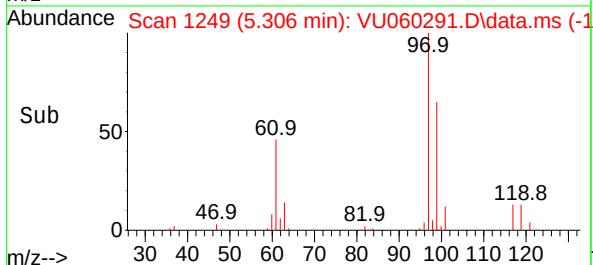
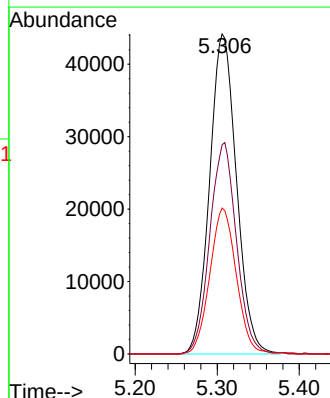
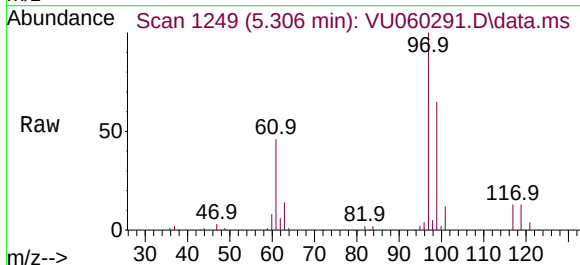
Tgt Ion: 97 Resp: 100706

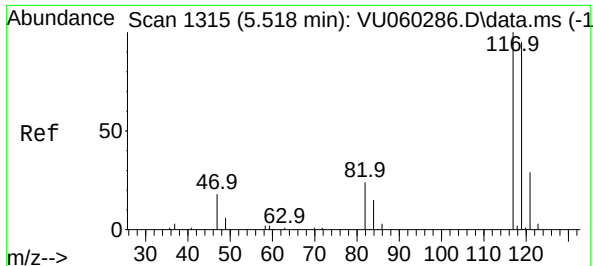
Ion Ratio Lower Upper

97 100

99 65.6 52.2 78.2

61 44.7 35.2 52.8

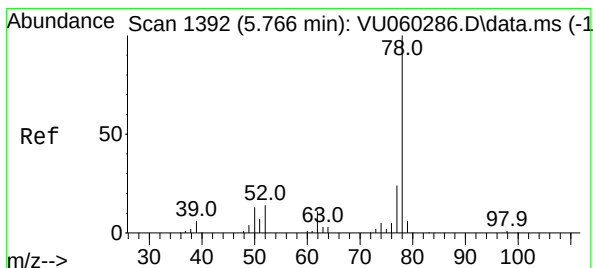
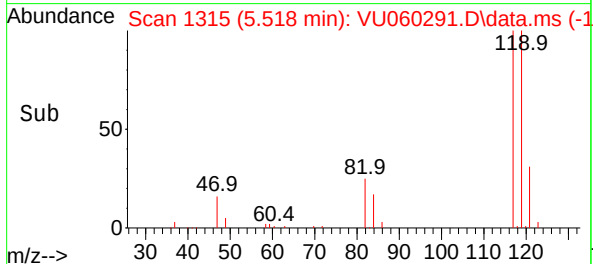
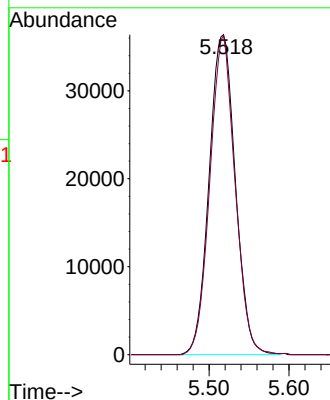
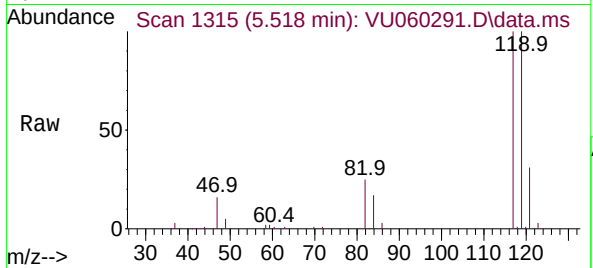




#31
Carbon tetrachloride
Concen: 42.519 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

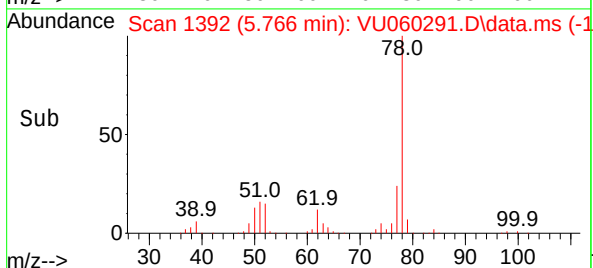
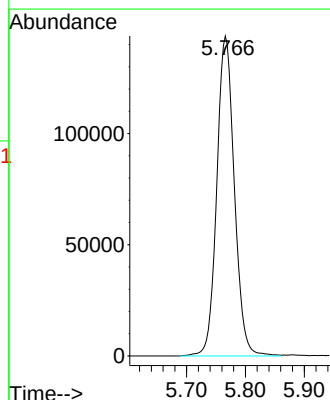
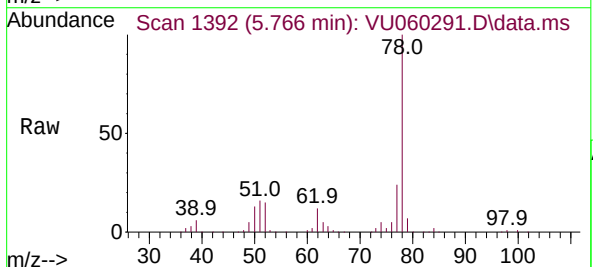
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

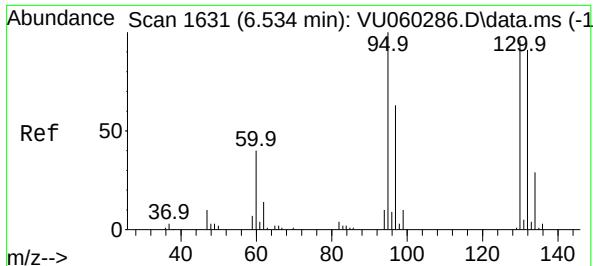
Tgt Ion:117 Resp: 82779
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4



#33
Benzene
Concen: 48.534 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 78 Resp: 298170





#34

Trichloroethene

Concen: 43.071 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050092

Tgt Ion: 95 Resp: 70613

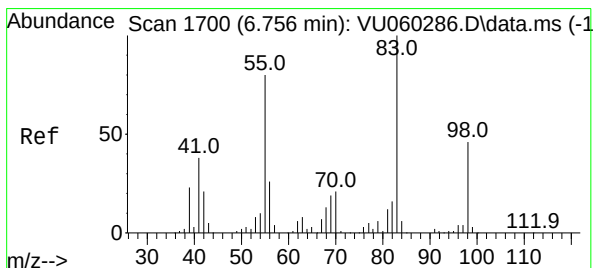
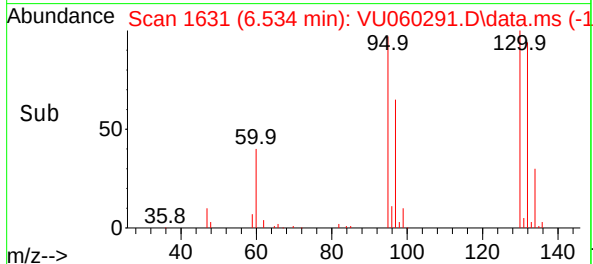
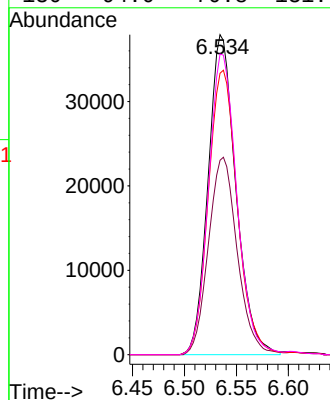
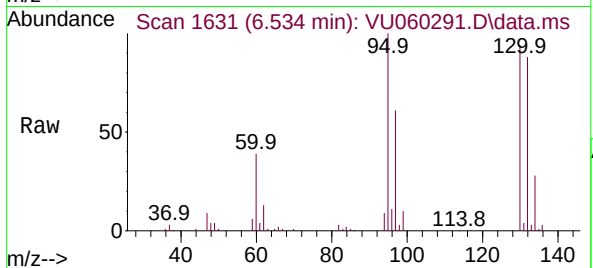
Ion Ratio Lower Upper

95 100

97 60.8 45.8 85.2

132 87.9 69.8 129.6

130 94.0 70.8 131.6



#35

Methylcyclohexane

Concen: 31.436 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

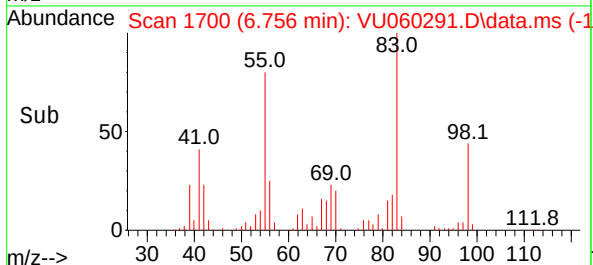
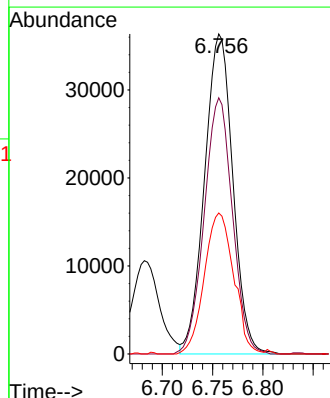
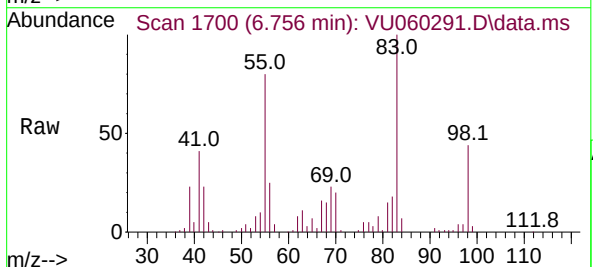
Tgt Ion: 83 Resp: 71176

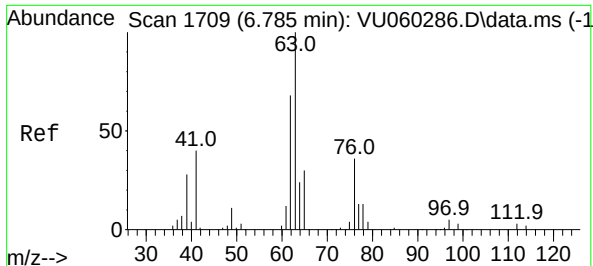
Ion Ratio Lower Upper

83 100

55 79.9 56.8 85.2

98 45.8 36.5 54.7

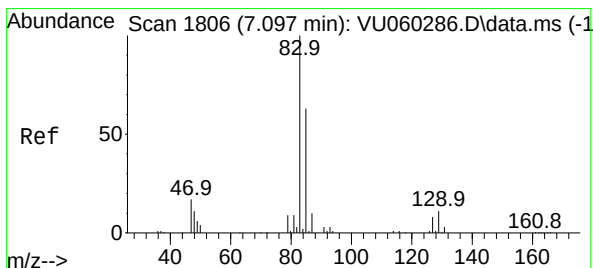
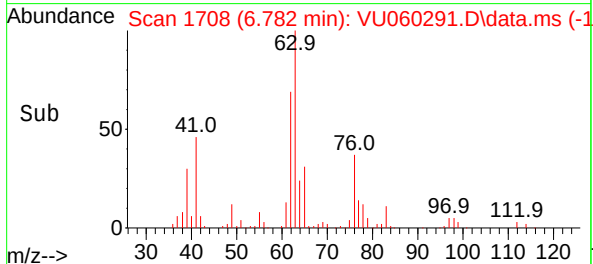
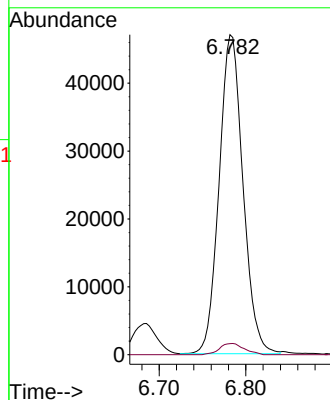
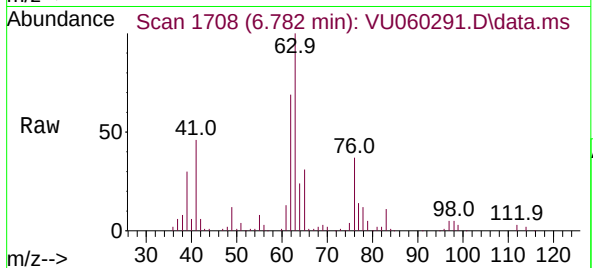




#37
1,2-Dichloropropane
Concen: 53.159 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

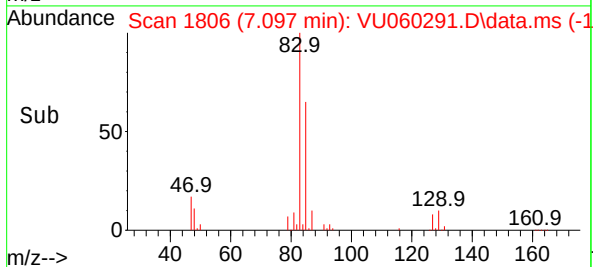
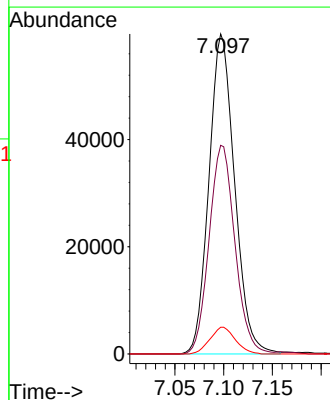
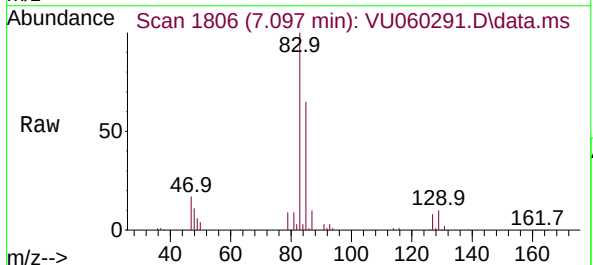
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

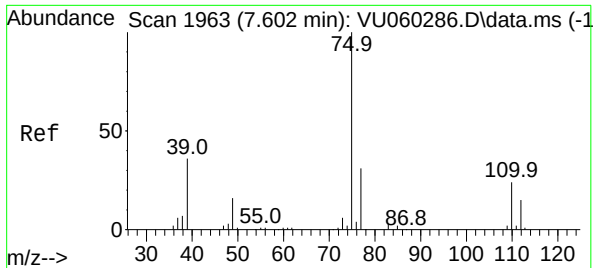
Tgt Ion: 63 Resp: 89892
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.6



#38
Bromodichloromethane
Concen: 51.081 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 83 Resp: 109447
Ion Ratio Lower Upper
83 100
85 65.2 45.0 83.6
127 8.4 7.4 11.2

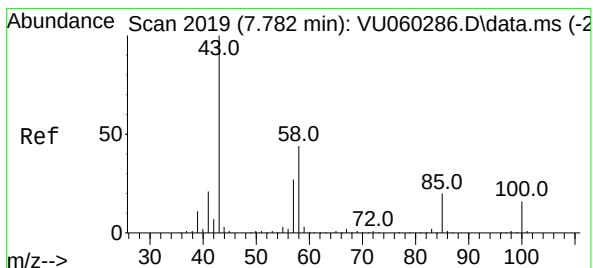
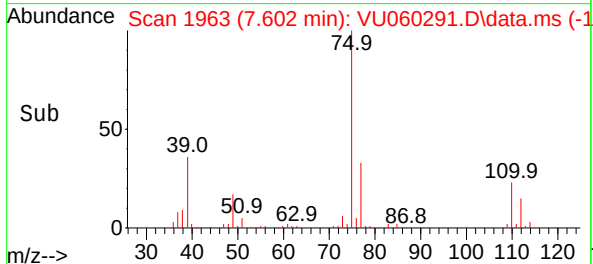
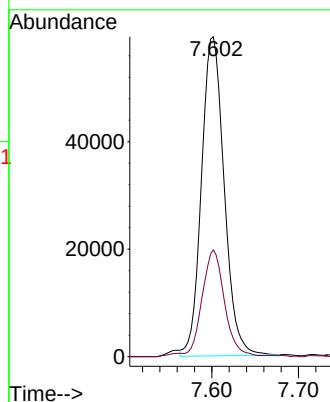
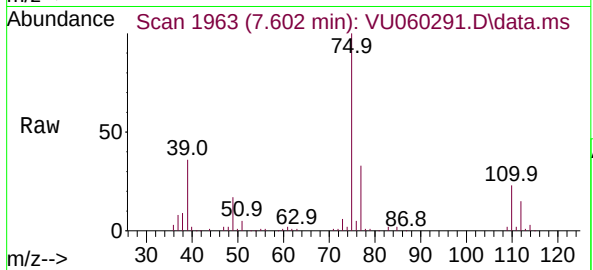




#39
 cis-1,3-Dichloropropene
 Concen: 41.799 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060291.D
 Acq: 01 Aug 2024 11:39

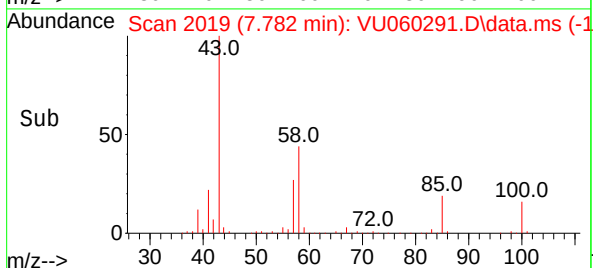
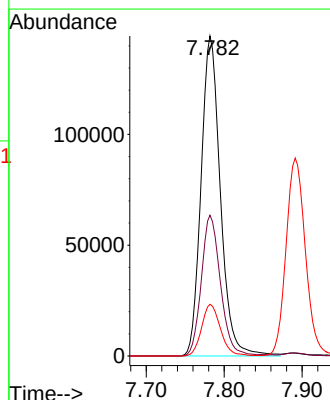
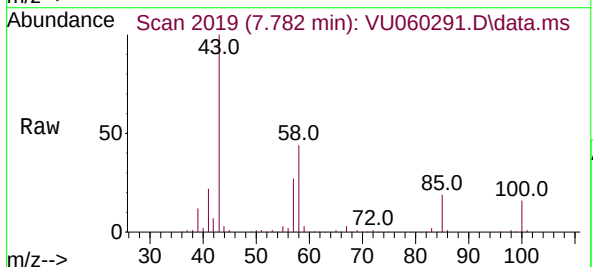
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050092

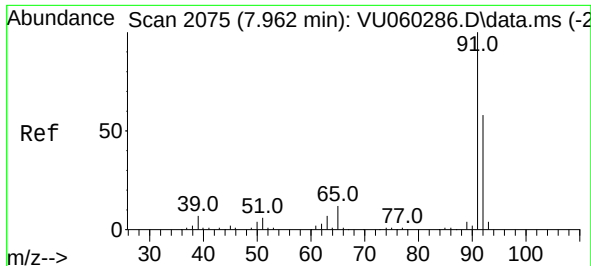
Tgt Ion: 75 Resp: 108144
 Ion Ratio Lower Upper
 75 100
 77 33.3 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 116.410 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU060291.D
 Acq: 01 Aug 2024 11:39

Tgt Ion: 43 Resp: 248799
 Ion Ratio Lower Upper
 43 100
 58 43.5 35.3 52.9
 100 15.8 14.6 22.0

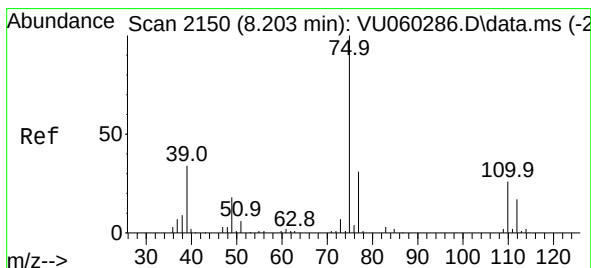
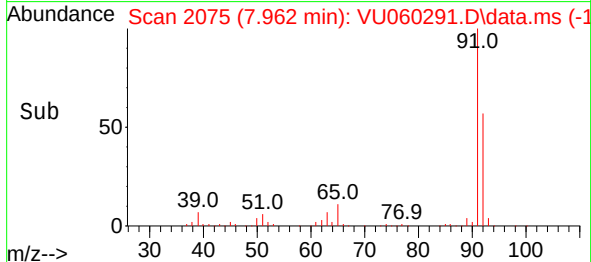
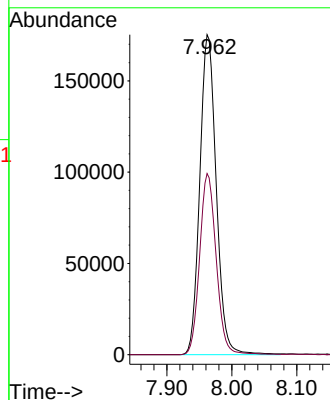
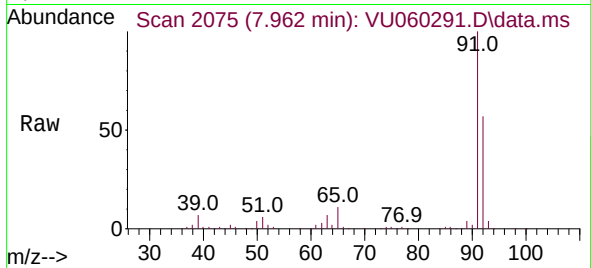




#42
Toluene
Concen: 46.199 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

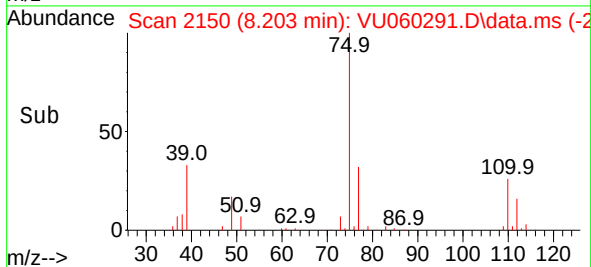
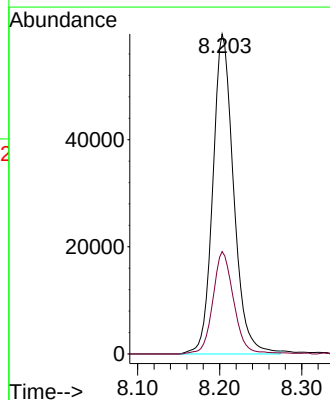
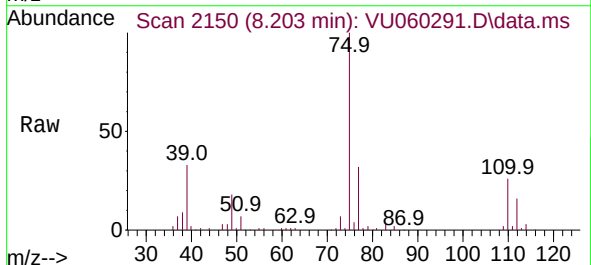
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

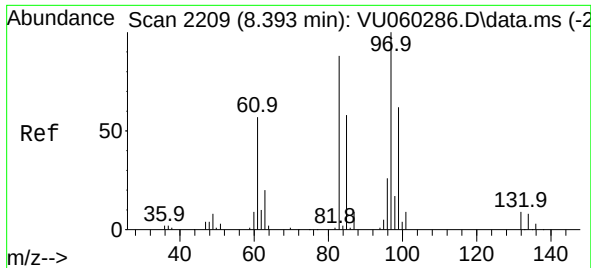
Tgt Ion: 91 Resp: 309851
Ion Ratio Lower Upper
91 100
92 56.6 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 44.337 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 75 Resp: 105367
Ion Ratio Lower Upper
75 100
77 32.0 21.7 40.3

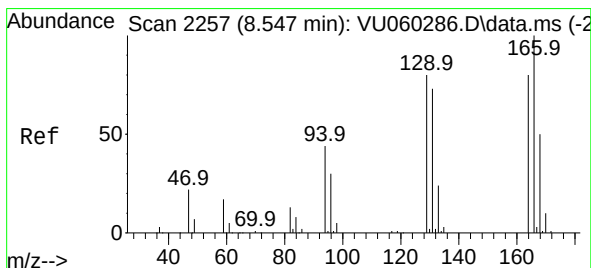
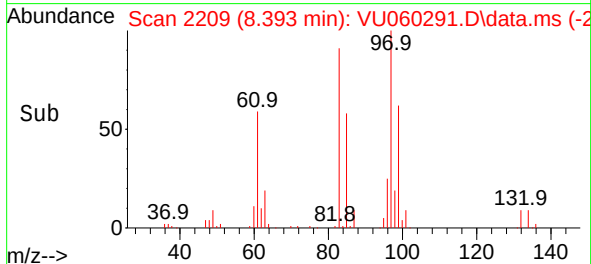
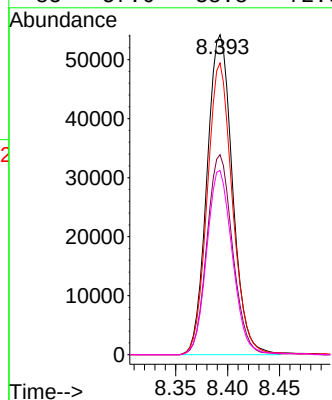
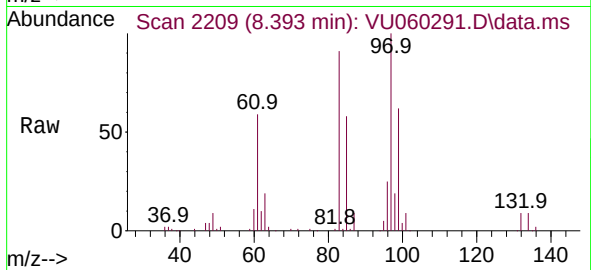




#45
1,1,2-Trichloroethane
Concen: 52.362 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

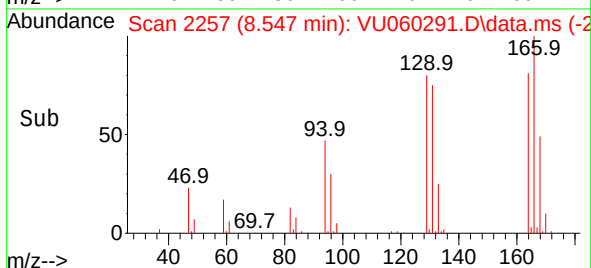
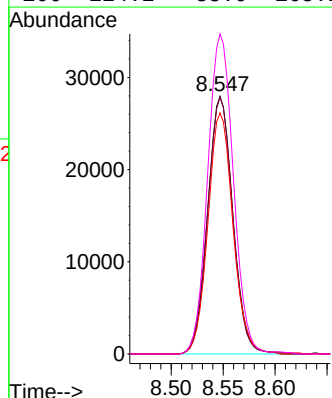
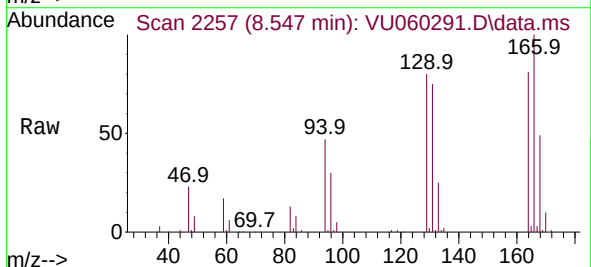
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

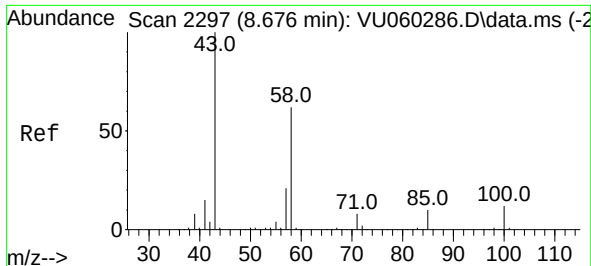
Tgt Ion:	97	Resp:	92730
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.1	80.1
83	91.1	60.4	112.2
85	57.6	38.8	72.0



#46
Tetrachloroethene
Concen: 34.787 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion:	164	Resp:	46917
Ion	Ratio	Lower	Upper
164	100		
129	99.6	62.7	116.5
131	93.5	62.3	115.7
166	124.2	88.9	165.1



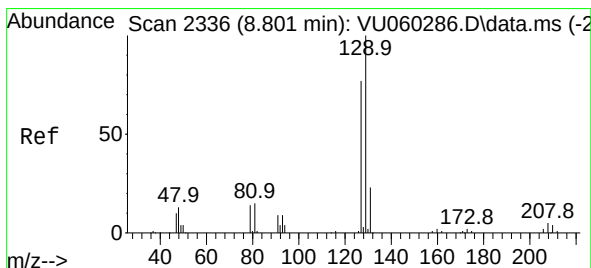
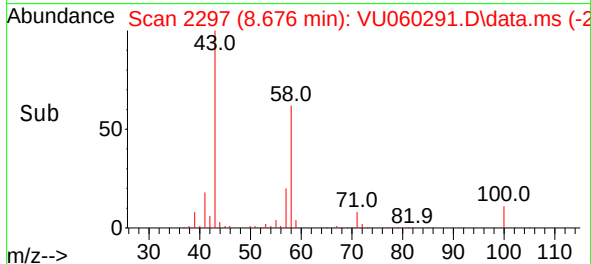
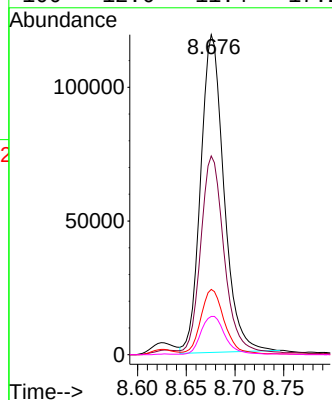
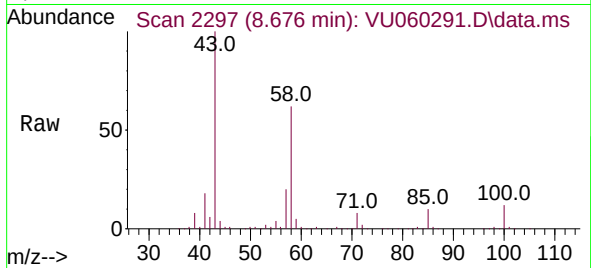


#48
2-Hexanone
Concen: 110.289 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

Tgt Ion: 43 Resp: 197277

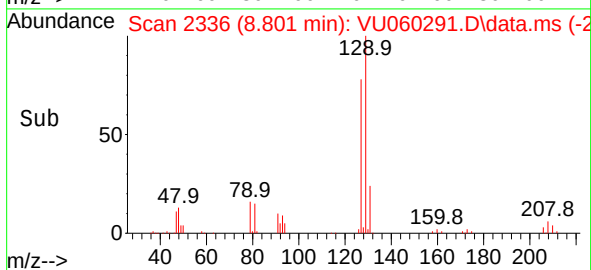
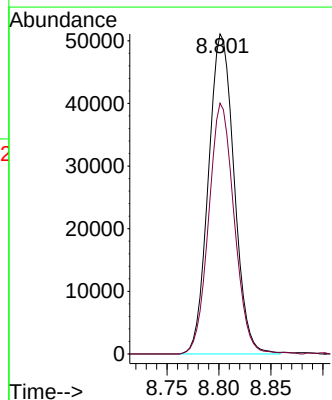
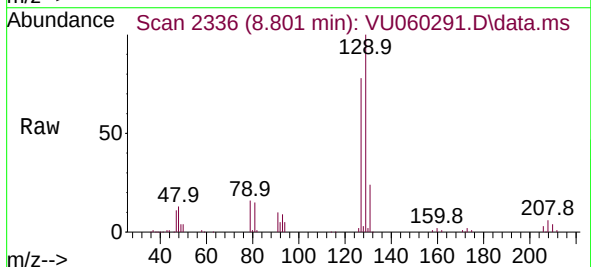
Ion	Ratio	Lower	Upper
43	100		
58	62.8	49.0	73.6
57	20.4	16.7	25.1
100	12.6	11.4	17.2

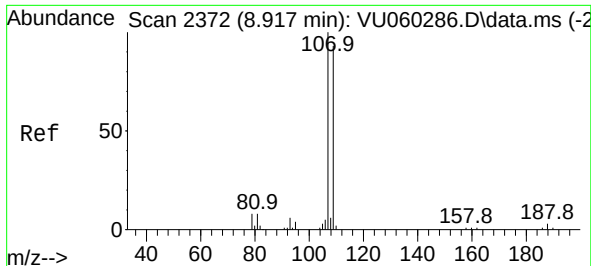


#49
Dibromochloromethane
Concen: 50.374 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 129 Resp: 87898

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.0	100.2

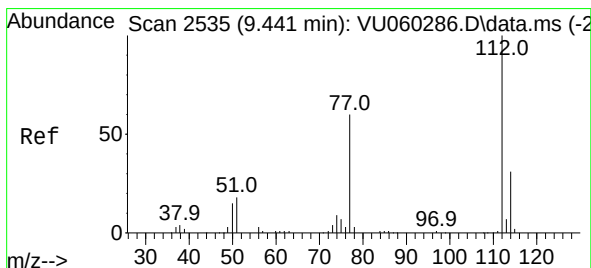
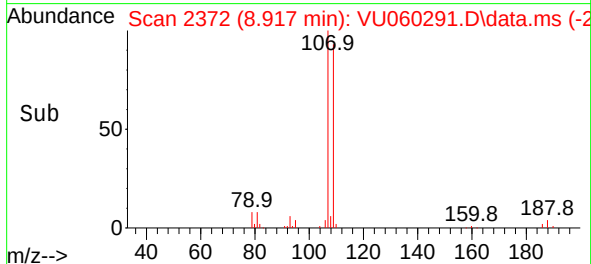
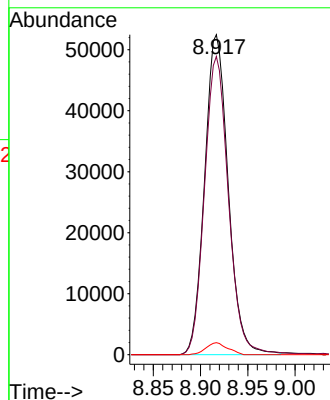
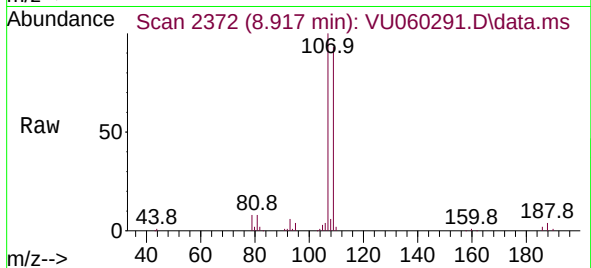




#50
1,2-Dibromoethane
Concen: 49.280 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

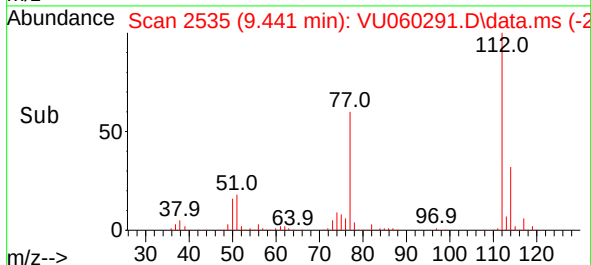
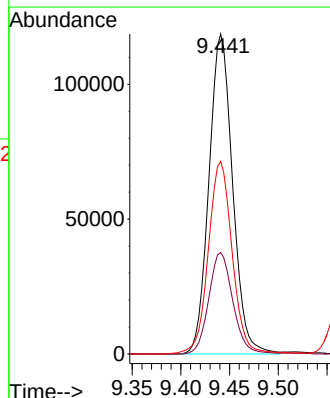
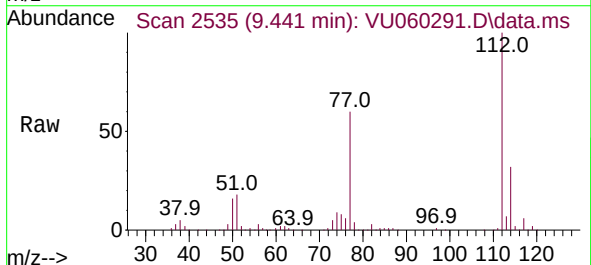
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

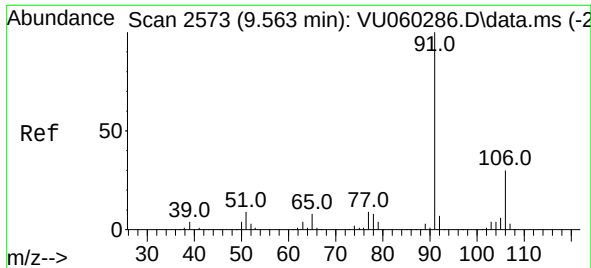
Tgt Ion:	107	Resp:	91248
Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.5	121.6
188	3.8	3.0	4.4



#51
Chlorobenzene
Concen: 45.000 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion:	112	Resp:	200362
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	60.2	45.8	68.6

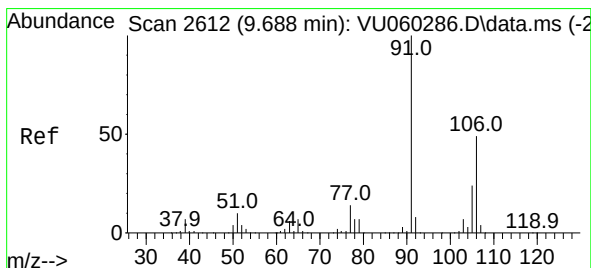
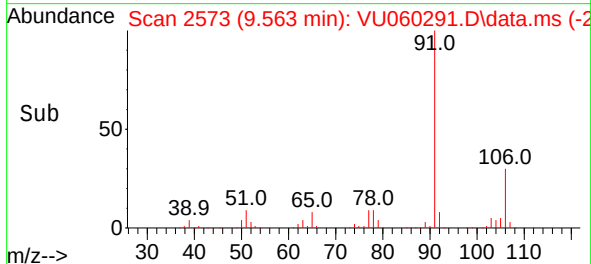
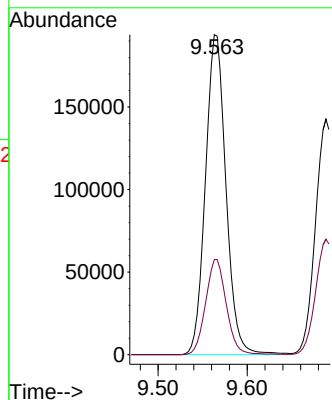
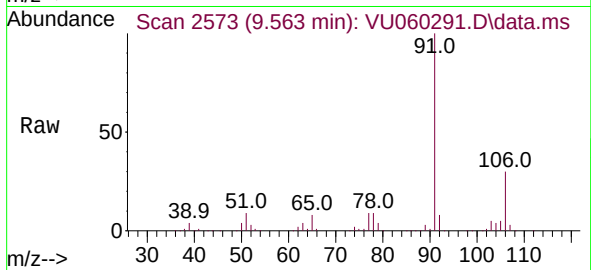




#52
Ethylbenzene
Concen: 43.292 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

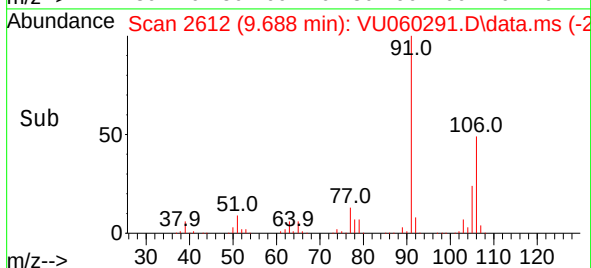
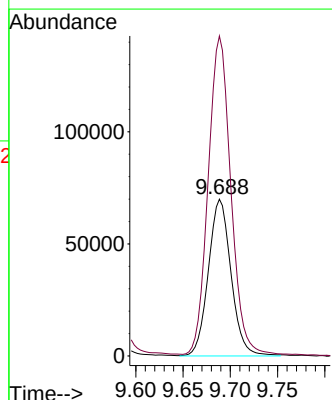
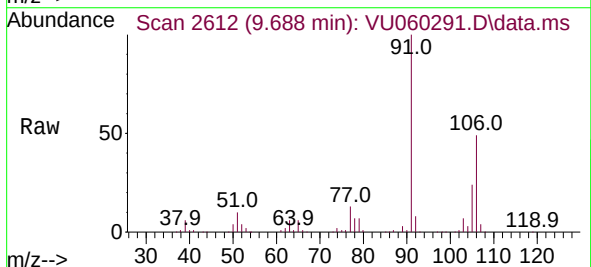
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

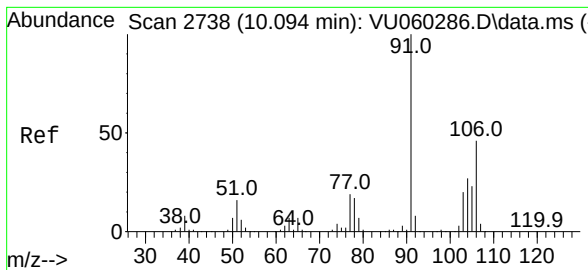
Tgt Ion: 91 Resp: 310067
Ion Ratio Lower Upper
91 100
106 29.7 22.4 41.6



#53
m,p-Xylene
Concen: 41.903 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 106 Resp: 116854
Ion Ratio Lower Upper
106 100
91 204.1 140.9 261.7

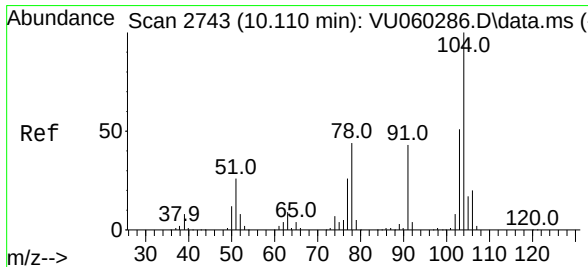
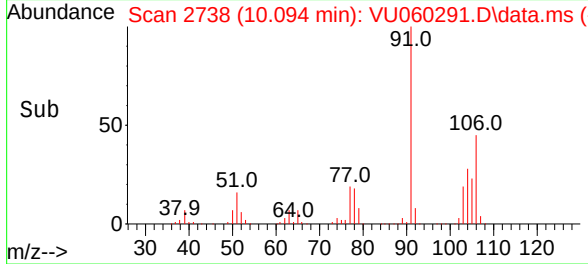
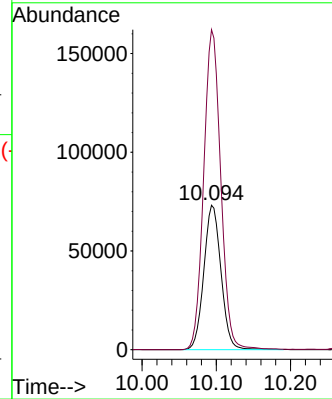
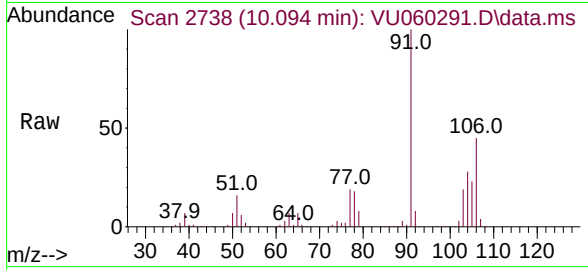




#54
o-Xylene
Concen: 43.855 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

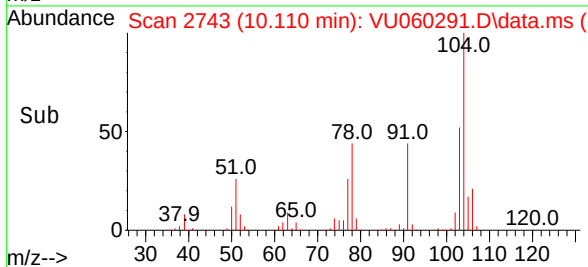
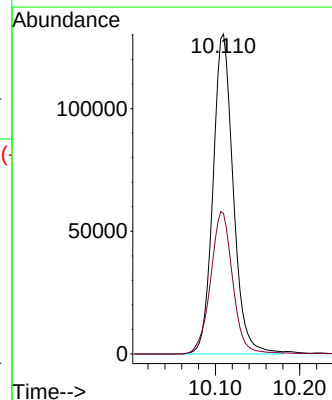
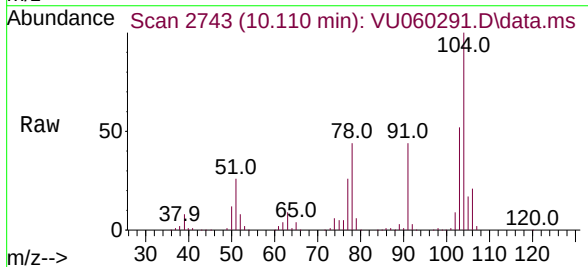
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

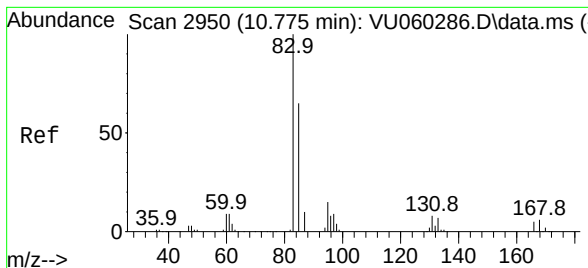
Tgt Ion:106 Resp: 117604
Ion Ratio Lower Upper
106 100
91 221.3 147.4 273.8



#55
Styrene
Concen: 48.250 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion:104 Resp: 218287
Ion Ratio Lower Upper
104 100
78 43.9 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 55.345 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050092

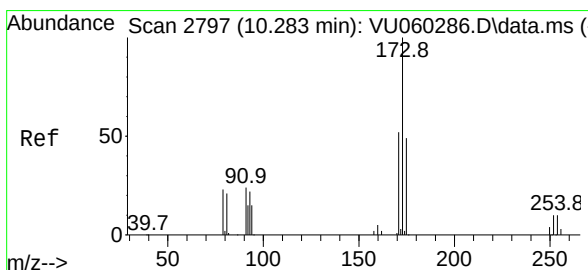
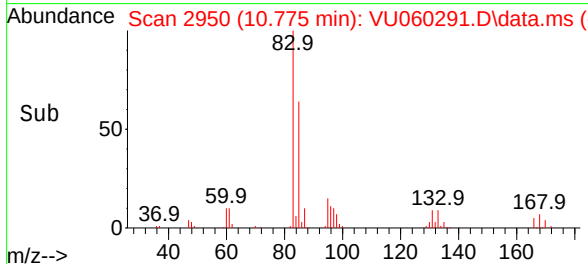
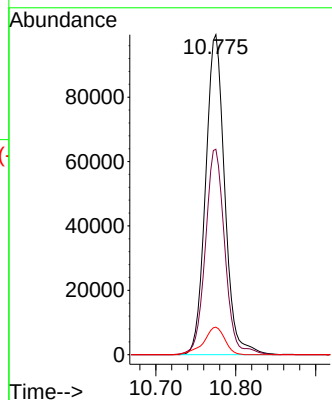
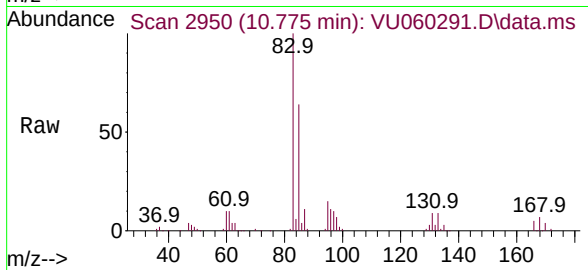
Tgt Ion: 83 Resp: 165288

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2

131 8.6 7.5 11.3



#59

Bromoform

Concen: 51.319 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

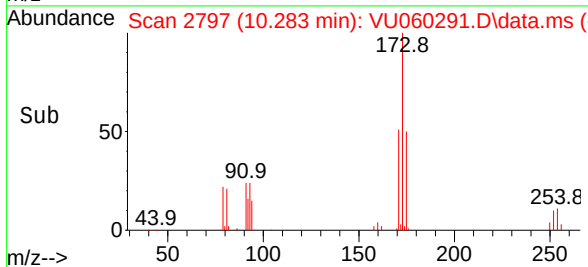
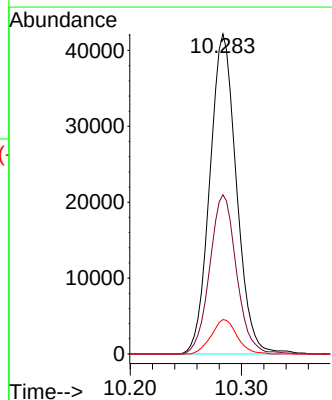
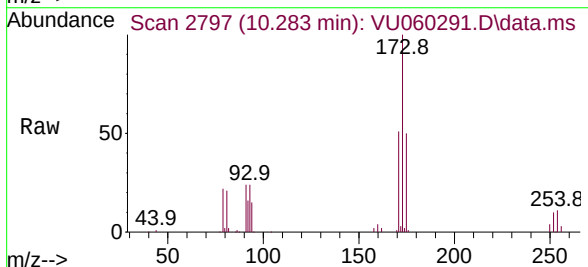
Tgt Ion:173 Resp: 69924

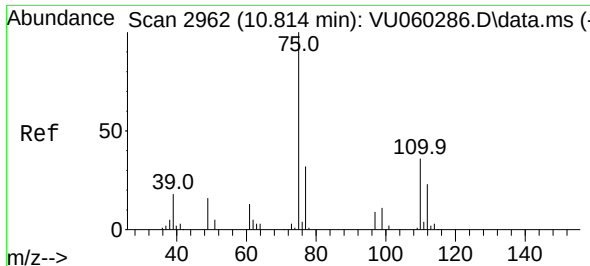
Ion Ratio Lower Upper

173 100

175 49.8 39.4 59.2

254 10.4 9.0 13.4

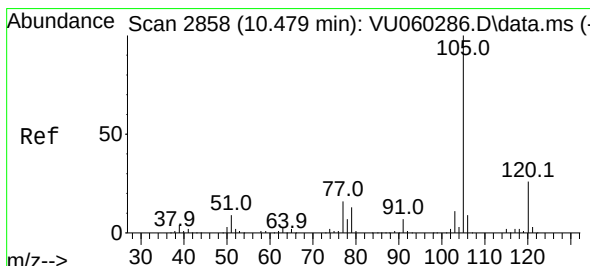
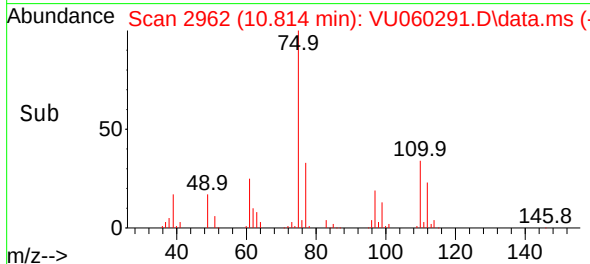
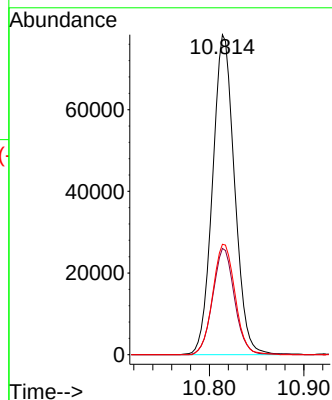
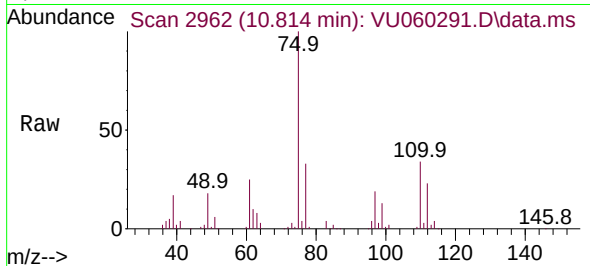




#60
1,2,3-Trichloropropane
Concen: 59.202 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

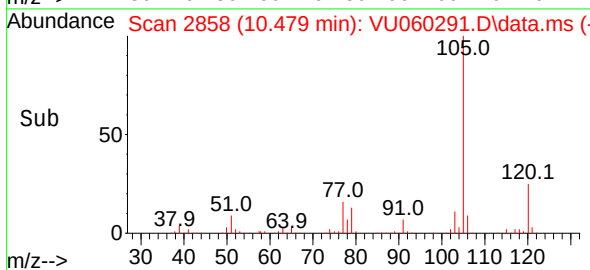
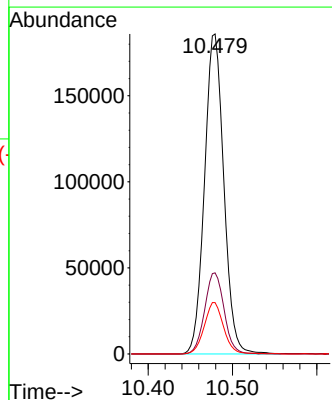
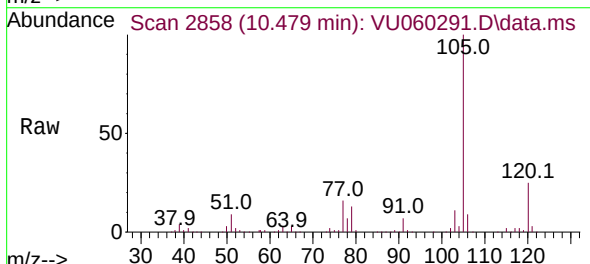
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

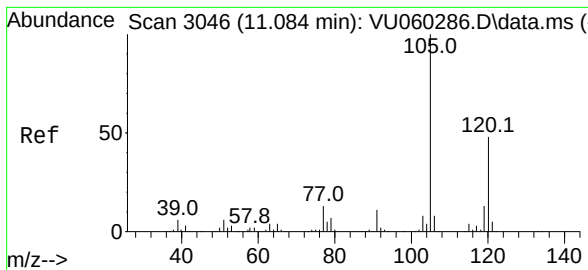
Tgt Ion: 75 Resp: 126611
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
110 35.1 30.7 46.1



#61
Isopropylbenzene
Concen: 45.168 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion: 105 Resp: 296698
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 16.1 12.1 18.1

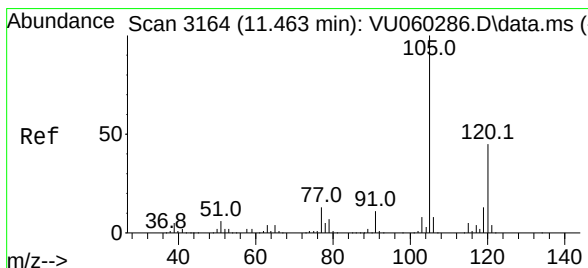
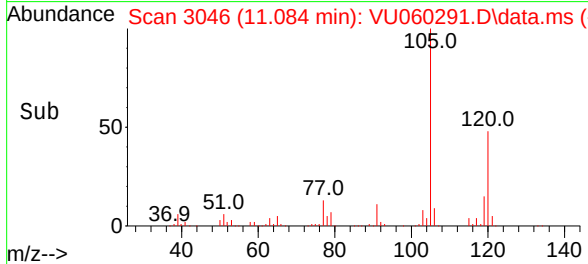
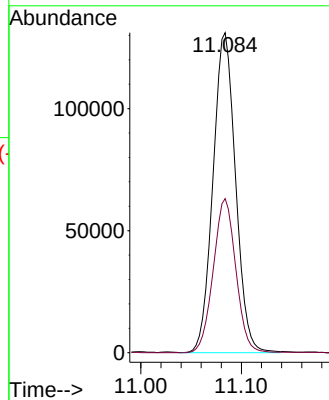
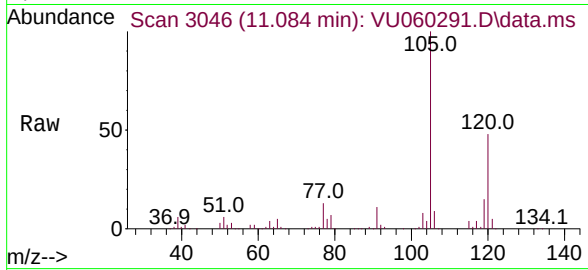




#62
 1,3,5-Trimethylbenzene
 Concen: 42.595 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU060291.D
 Acq: 01 Aug 2024 11:39

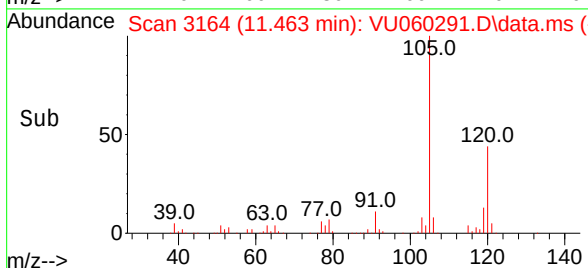
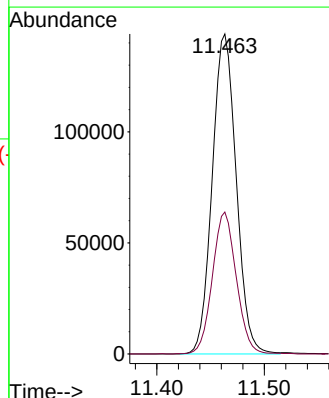
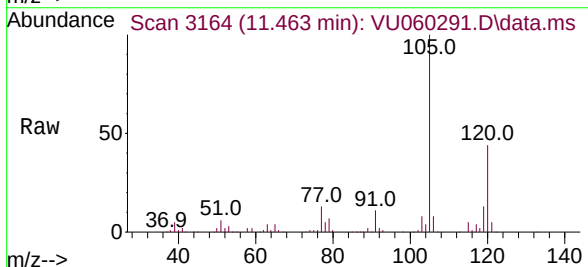
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050092

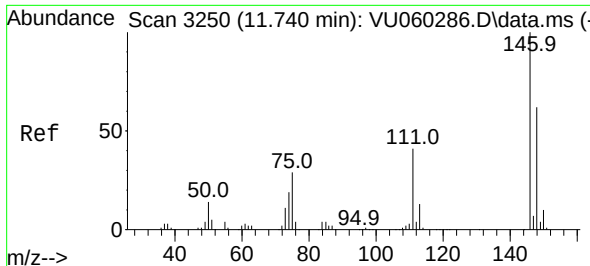
Tgt Ion:105 Resp: 204828
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 43.411 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU060291.D
 Acq: 01 Aug 2024 11:39

Tgt Ion:105 Resp: 223598
 Ion Ratio Lower Upper
 105 100
 120 44.1 37.0 55.6

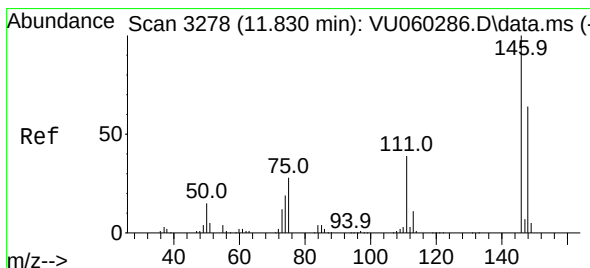
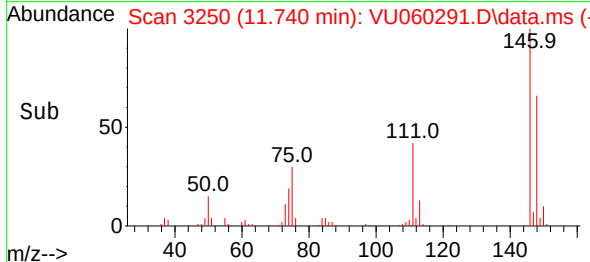
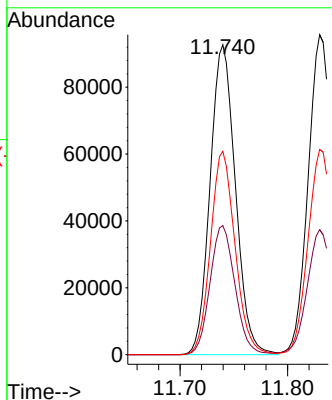
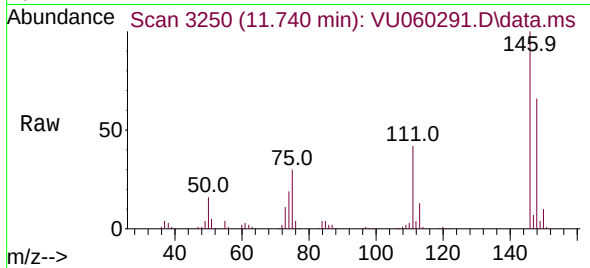




#64
1,3-Dichlorobenzene
Concen: 44.550 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

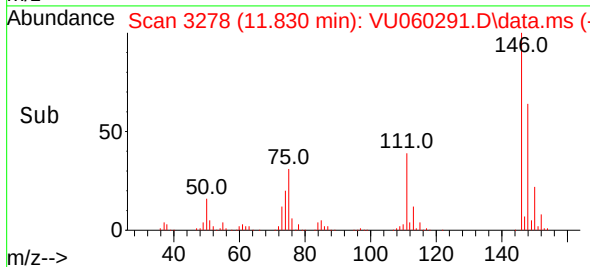
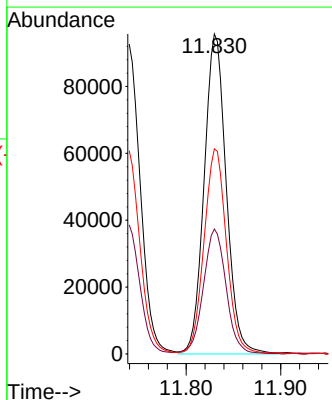
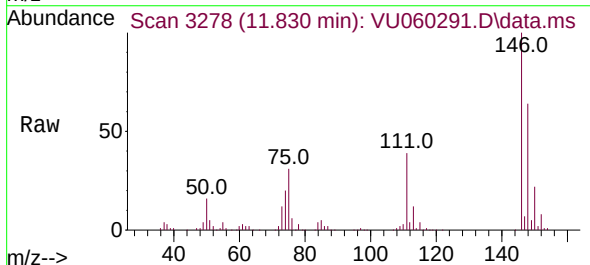
Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

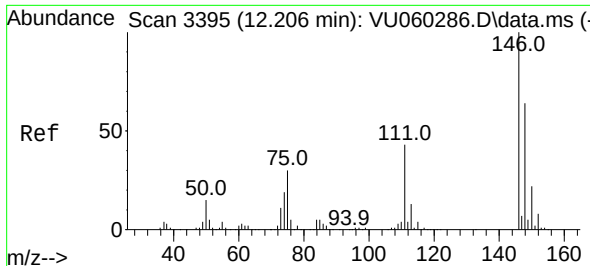
Tgt Ion:146 Resp: 151766
Ion Ratio Lower Upper
146 100
111 41.6 26.5 49.1
148 65.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 44.210 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion:146 Resp: 155694
Ion Ratio Lower Upper
146 100
111 39.1 25.9 48.1
148 64.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 46.403 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050092

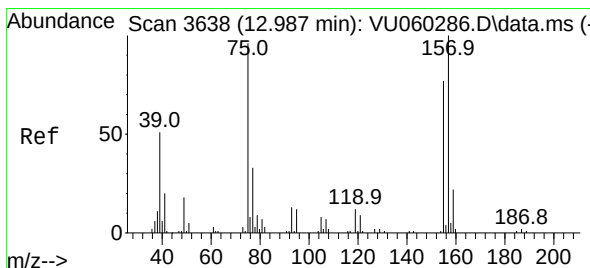
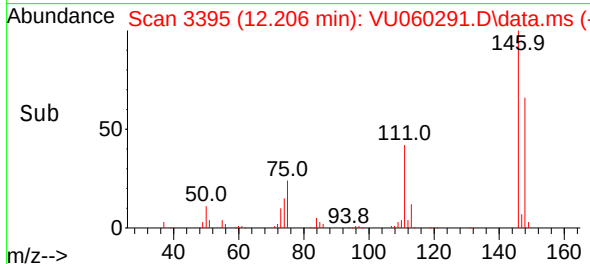
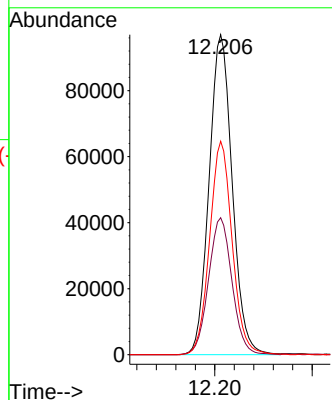
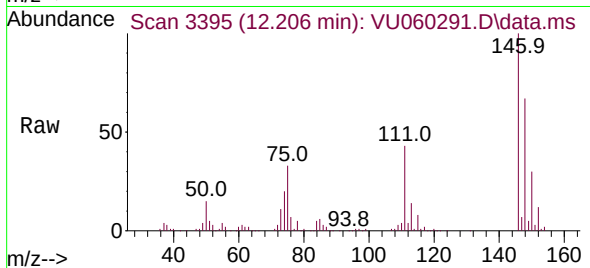
Tgt Ion:146 Resp: 159691

Ion Ratio Lower Upper

146 100

111 42.8 31.7 47.5

148 66.7 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 56.197 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

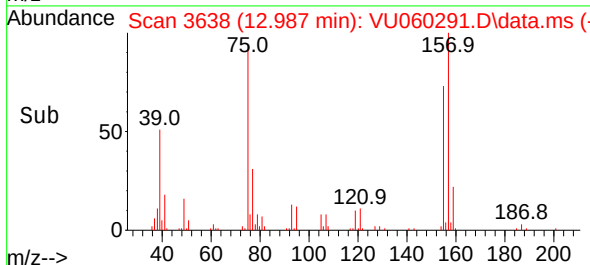
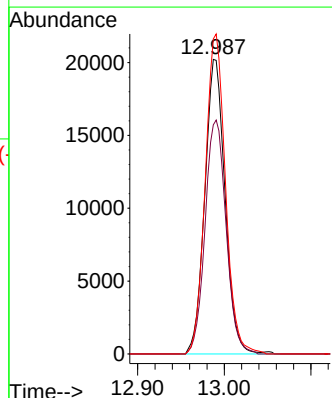
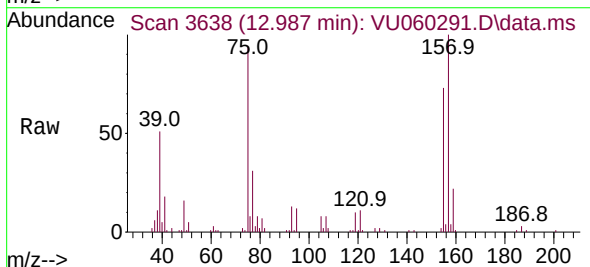
Tgt Ion: 75 Resp: 32868

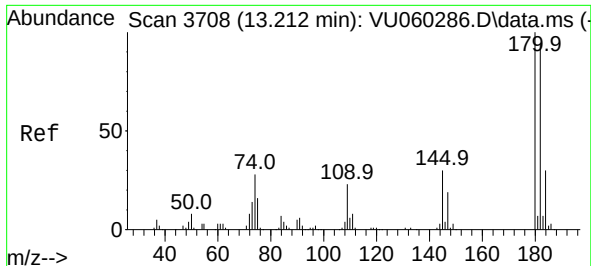
Ion Ratio Lower Upper

75 100

155 82.0 73.5 110.3

157 106.9 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 38.599 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050092

Tgt Ion:180 Resp: 94804

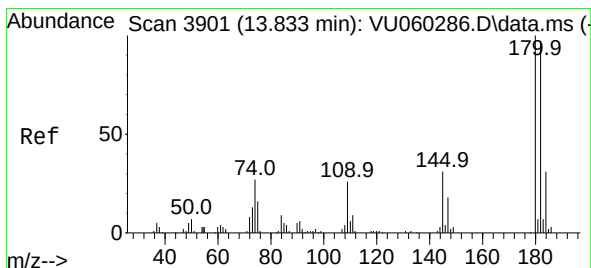
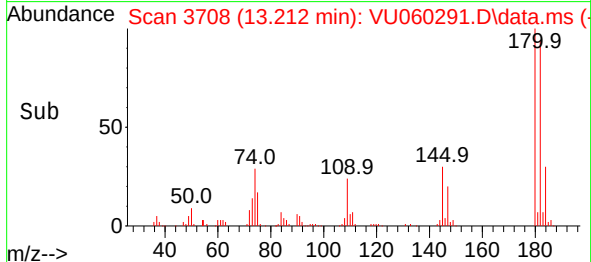
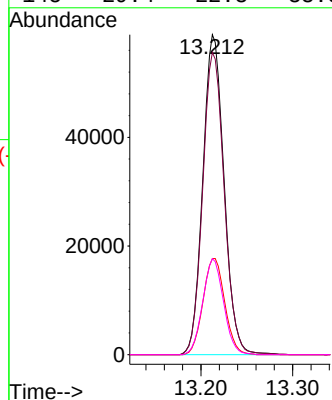
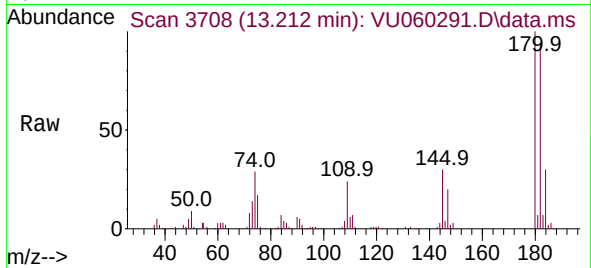
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

184 30.7 24.7 37.1

145 29.4 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 36.556 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060291.D

Acq: 01 Aug 2024 11:39

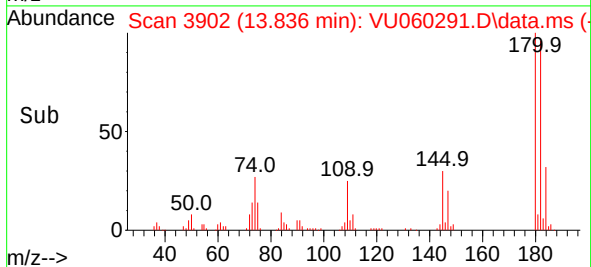
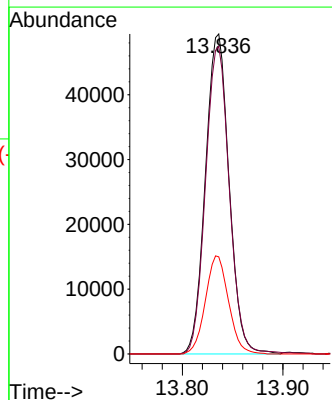
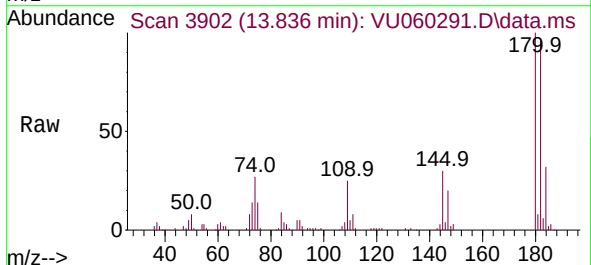
Tgt Ion:180 Resp: 80926

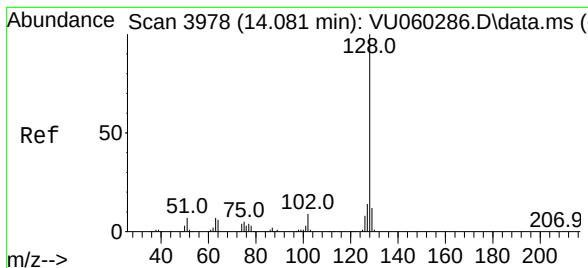
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 29.9 23.0 34.4

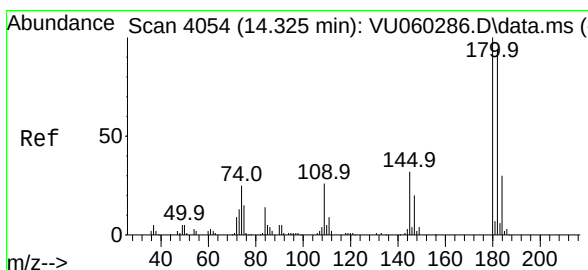
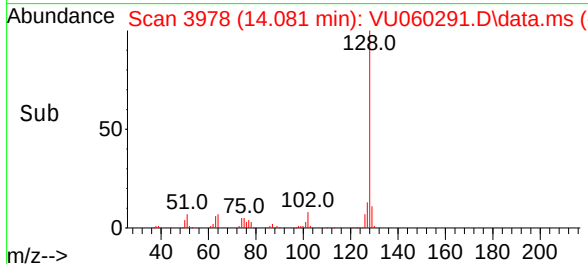
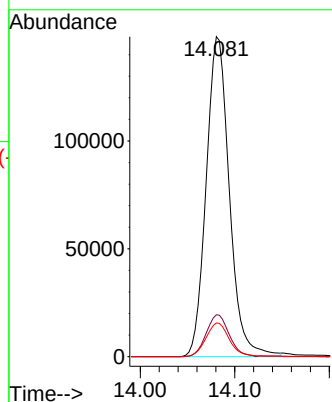
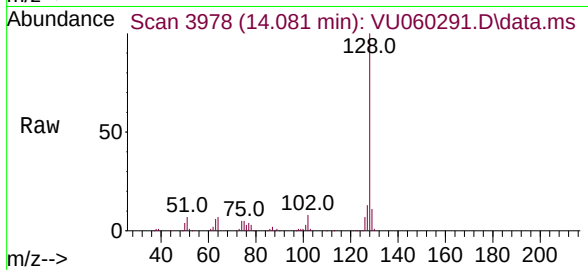




#71
Naphthalene
Concen: 39.527 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD050092

Tgt Ion:128 Resp: 252873
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 40.424 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060291.D
Acq: 01 Aug 2024 11:39

Tgt Ion:180 Resp: 89785
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.8
145 31.9 24.5 36.7

