

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062319.D
 Acq On : 13 Dec 2024 17:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:51:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	93682	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20682	3.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.911	69	17547	3.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.560	65	10066	3.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.628	46	63114	52.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.052	84	58826	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.692	65	31043	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	100447	3.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.682	67	31102	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.888	98	93407	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.171	79	13817	4.203	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.624	63	48997	49.405	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27315	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	37496	4.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	46762	5.329	ug/L	97
3) Chloromethane	1.515	50	35630	5.180	ug/L	99
5) Vinyl chloride	1.602	62	39395	5.501	ug/L	98
6) Bromomethane	1.853	94	23948	5.017	ug/L	98
8) Chloroethane	1.930	64	22091	5.507	ug/L	97
9) Trichlorofluoromethane	2.133	101	70406	5.664	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36714	5.426	ug/L	93
12) 1,1-Dichloroethene	2.573	96	33346	5.272	ug/L	95
13) Acetone	2.650	43	46936	56.923	ug/L	97
14) Carbon disulfide	2.785	76	98848	4.942	ug/L	99
15) Methyl Acetate	2.956	43	10598	5.128	ug/L #	89
16) Methylene chloride	3.036	84	36280	5.464	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	85786	5.444	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	35442	5.454	ug/L	93
19) 1,1-Dichloroethane	3.856	63	64399	5.406	ug/L	98
21) 2-Butanone	4.708	43	70523	58.894	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	39400	5.409	ug/L	93
23) Bromochloromethane	4.962	128	18307	5.733	ug/L #	79
25) Chloroform	5.078	83	74891	5.581	ug/L	96

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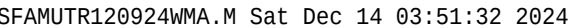
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 ClientSampleId :

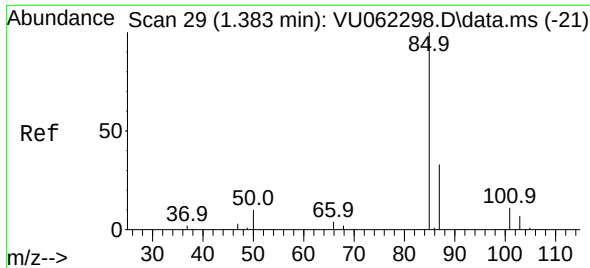
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45744	5.365	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	70292	5.513	ug/L	95
30) Cyclohexane	5.377	56	51930	5.023	ug/L	92
31) Carbon tetrachloride	5.515	117	64214	5.493	ug/L	99
33) Benzene	5.763	78	145828	5.192	ug/L	100
34) Trichloroethene	6.531	95	42849	5.386	ug/L	94
35) Methylcyclohexane	6.753	83	59051	5.006	ug/L	96
37) 1,2-Dichloropropane	6.779	63	37218	5.442	ug/L	99
38) Bromodichloromethane	7.094	83	52990	5.492	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	57702	5.264	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	176979	55.213	ug/L #	93
42) Toluene	7.959	91	165366	5.461	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	48754	5.446	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	28323	5.486	ug/L	97
47) Tetrachloroethene	8.544	164	33152	5.397	ug/L	95
48) 2-Hexanone	8.676	43	129401	54.625	ug/L #	95
49) Dibromochloromethane	8.798	129	35354	5.667	ug/L	95
50) 1,2-Dibromoethane	8.914	107	27669	5.577	ug/L	99
51) Chlorobenzene	9.438	112	105605	5.442	ug/L	97
52) Ethylbenzene	9.560	91	182196	5.366	ug/L	99
53) m,p-Xylene	9.685	106	68959	5.501	ug/L	96
54) o-Xylene	10.091	106	67613	5.546	ug/L	98
55) Styrene	10.107	104	111244	5.535	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32895	5.474	ug/L #	96
59) Bromoform	10.280	173	21033	5.499	ug/L #	98
60) Isopropylbenzene	10.473	105	183482	5.218	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24001	5.333	ug/L	95
62) 1,3,5-Trimethylbenzene	11.078	105	153899	5.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	153197	5.255	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	85503	5.294	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	85589	5.263	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	77216	5.173	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5230	5.327	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.209	180	61016	5.082	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	45862	4.838	ug/L	98
71) Naphthalene	14.077	128	60841	4.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	39671	4.746	ug/L	99

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

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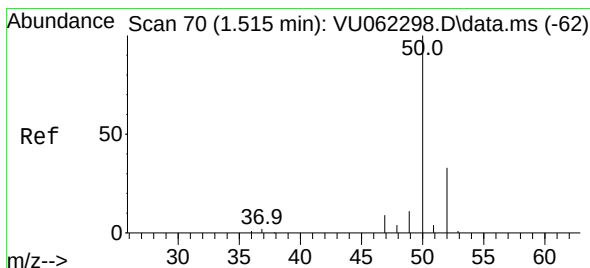
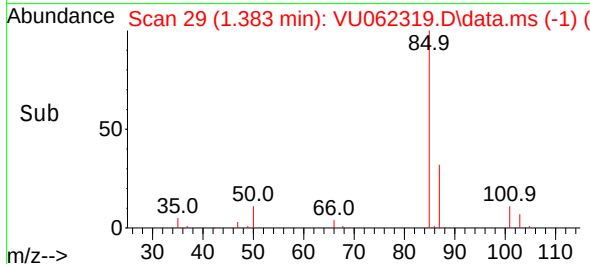
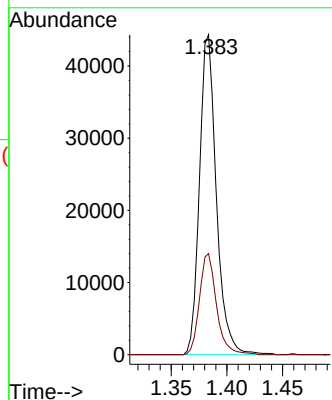
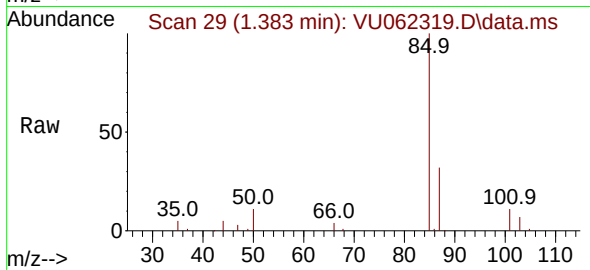




#2
 Dichlorodifluoromethane
 Concen: 5.329 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062319.D
 Acq: 13 Dec 2024 17:48

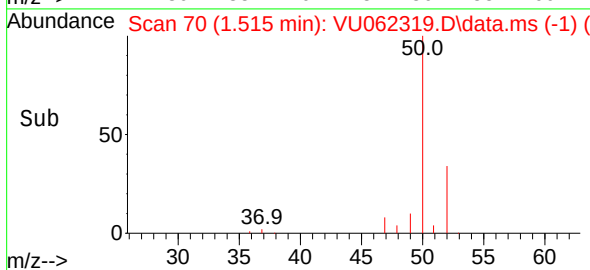
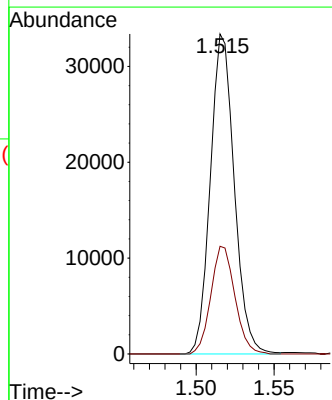
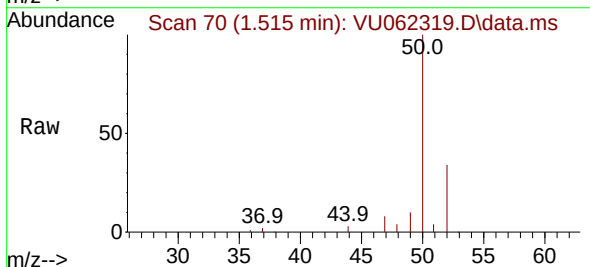
Instrument :
 MSVOA_U
 ClientSampleId :

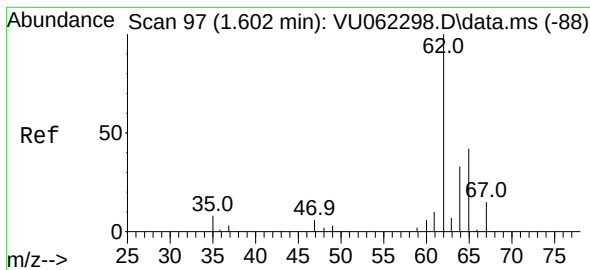
Tgt Ion: 85 Resp: 46762
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 40.0



#3
 Chloromethane
 Concen: 5.180 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062319.D
 Acq: 13 Dec 2024 17:48

Tgt Ion: 50 Resp: 35630
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.1 42.9





#5

Vinyl chloride

Concen: 5.501 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

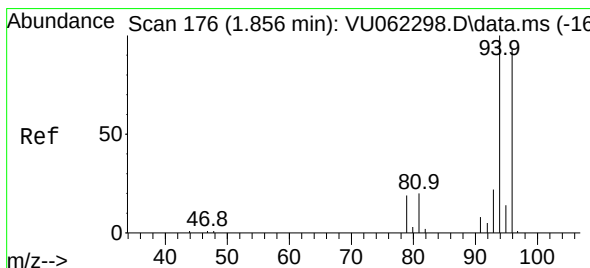
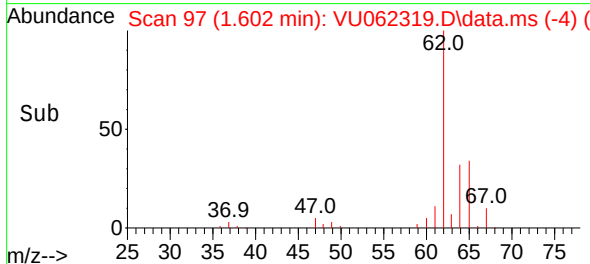
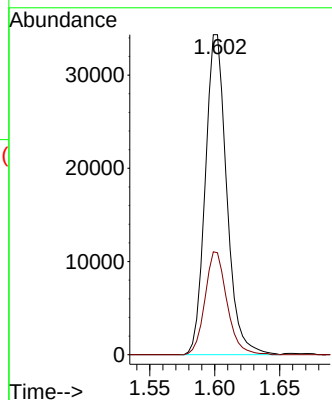
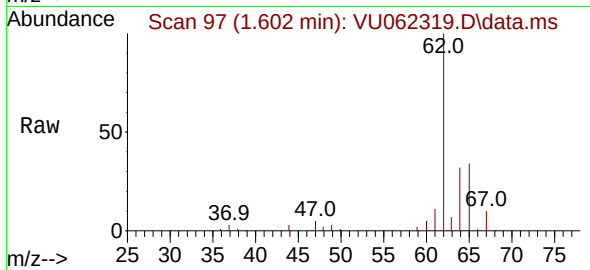
ClientSampleId :

Tgt Ion: 62 Resp: 39395

Ion Ratio Lower Upper

62 100

64 31.8 23.1 42.9



#6

Bromomethane

Concen: 5.017 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU062319.D

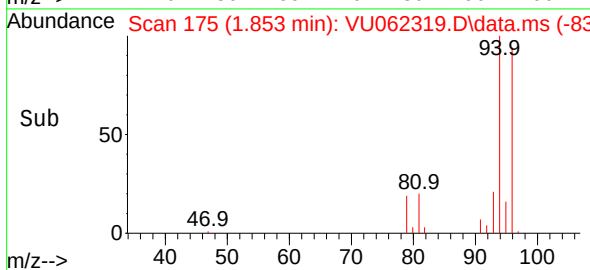
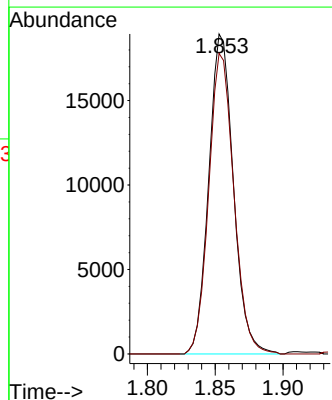
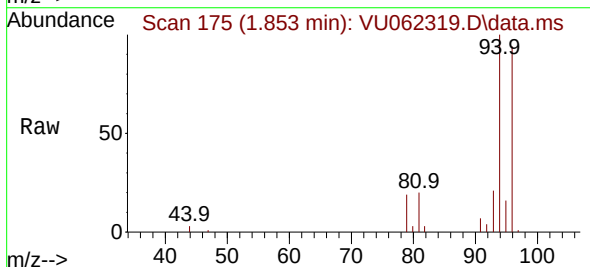
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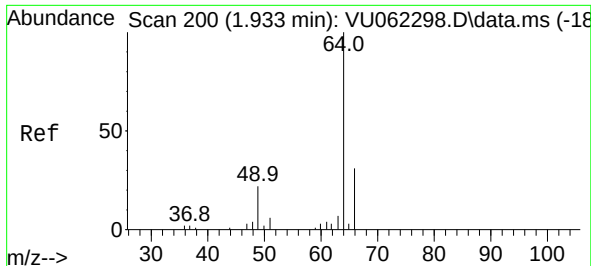
Tgt Ion: 94 Resp: 23948

Ion Ratio Lower Upper

94 100

96 93.9 64.5 119.9





#8

Chloroethane

Concen: 5.507 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

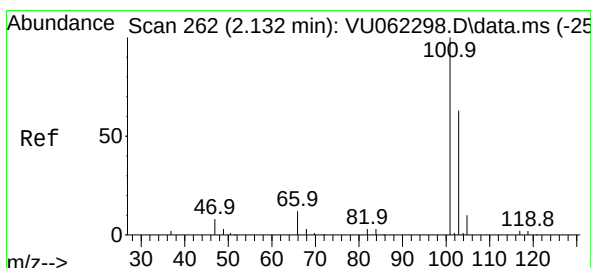
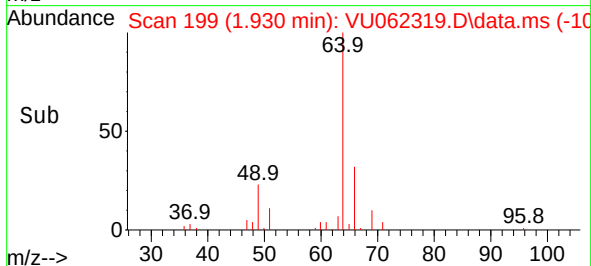
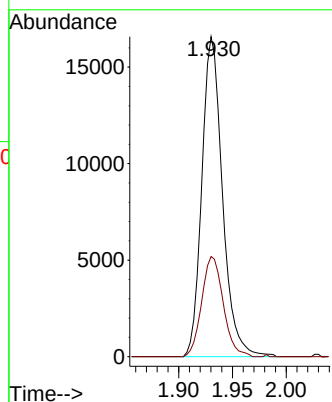
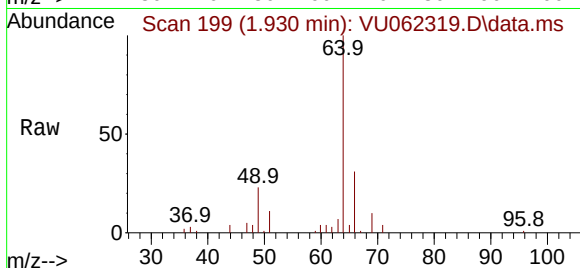
ClientSampleId :

Tgt Ion: 64 Resp: 22091

Ion Ratio Lower Upper

64 100

66 31.3 23.2 43.2



#9

Trichlorofluoromethane

Concen: 5.664 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU062319.D

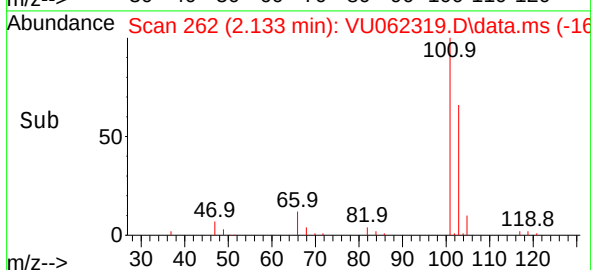
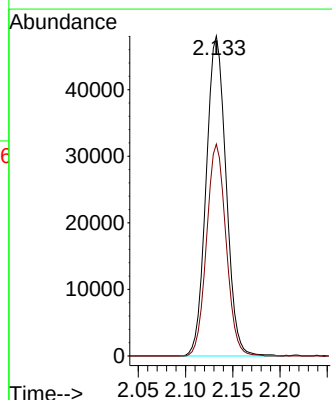
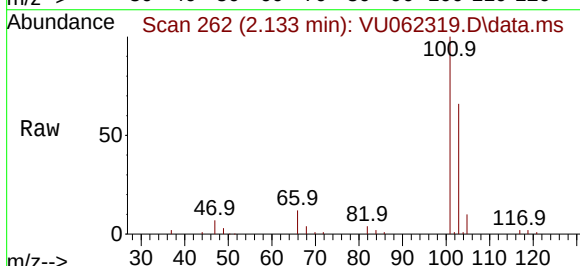
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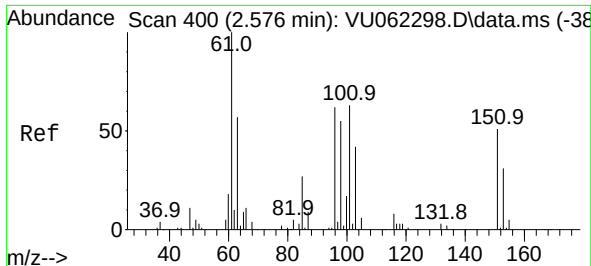
Tgt Ion:101 Resp: 70406

Ion Ratio Lower Upper

101 100

103 64.7 50.6 75.8

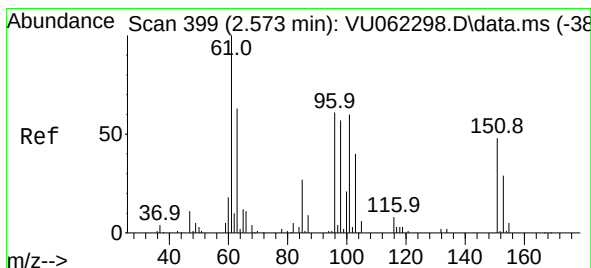
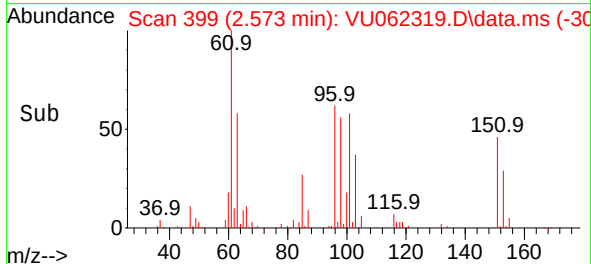
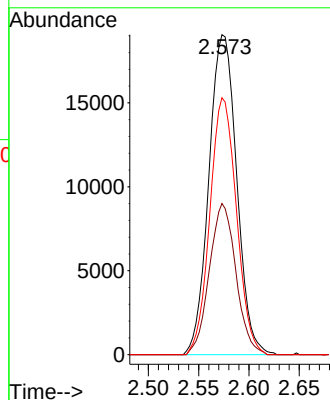
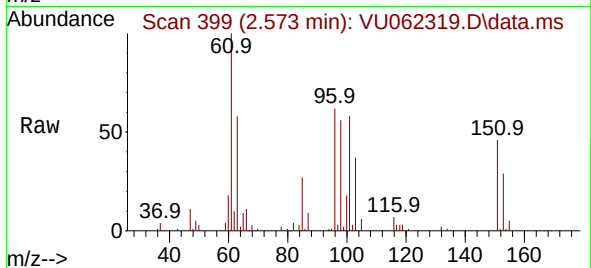




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.426 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062319.D
 Acq: 13 Dec 2024 17:48

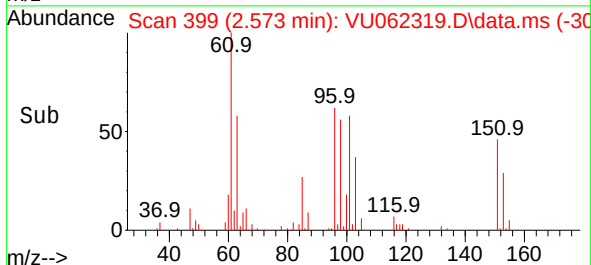
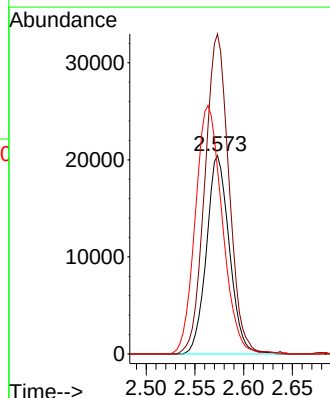
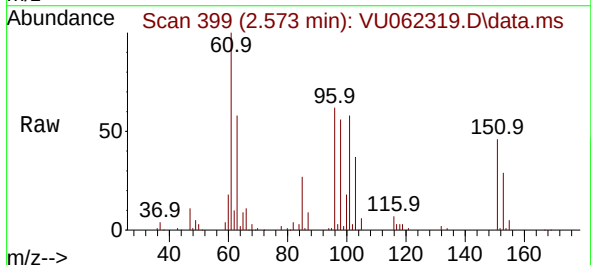
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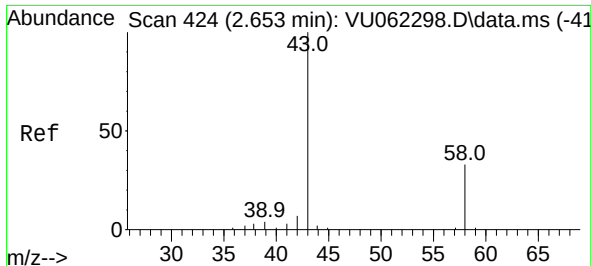
Tgt Ion:101 Resp: 36714
 Ion Ratio Lower Upper
 101 100
 85 45.1 38.0 57.0
 151 76.8 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 5.272 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062319.D
 Acq: 13 Dec 2024 17:48

Tgt Ion: 96 Resp: 33346
 Ion Ratio Lower Upper
 96 100
 61 161.2 119.6 222.2
 63 93.3 65.0 120.6





#13

Acetone

Concen: 56.923 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

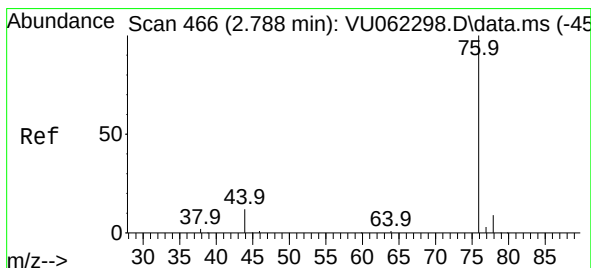
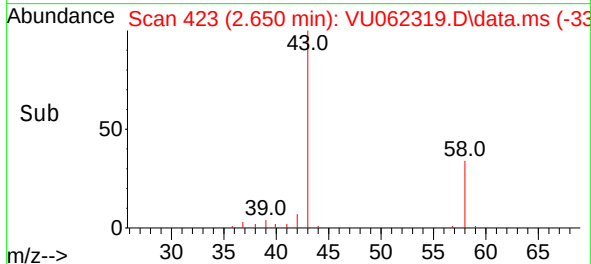
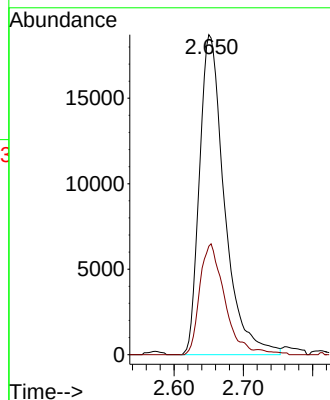
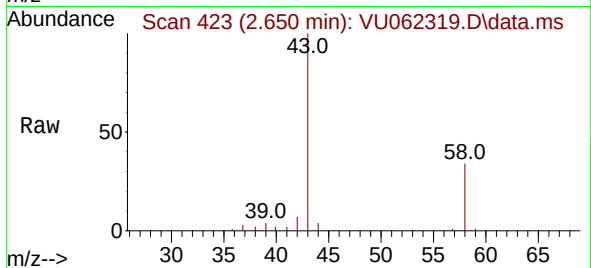
ClientSampleId :

Tgt Ion: 43 Resp: 46936

Ion Ratio Lower Upper

43 100

58 33.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.942 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062319.D

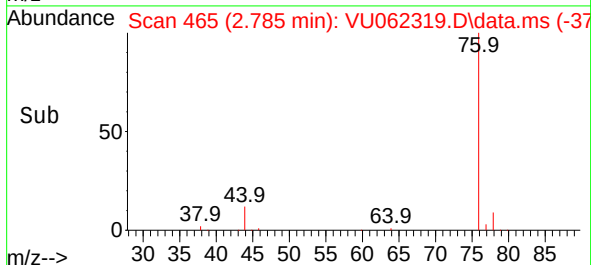
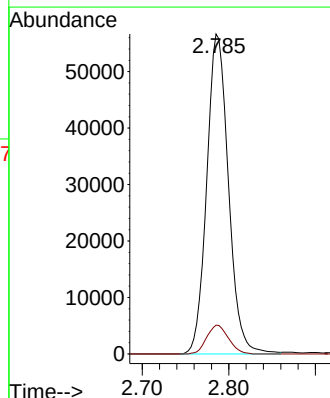
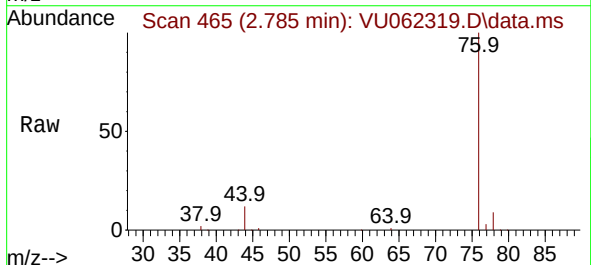
Acq: 13 Dec 2024 17:48

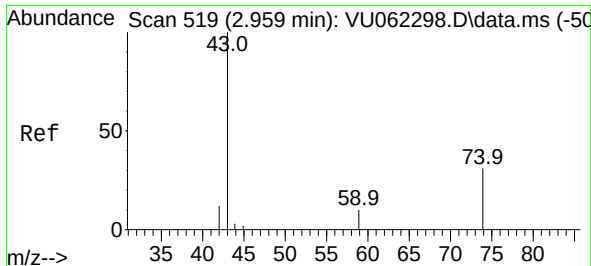
Tgt Ion: 76 Resp: 98848

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.128 ug/L

RT: 2.956 min Scan# 51

Delta R.T. -0.003 min

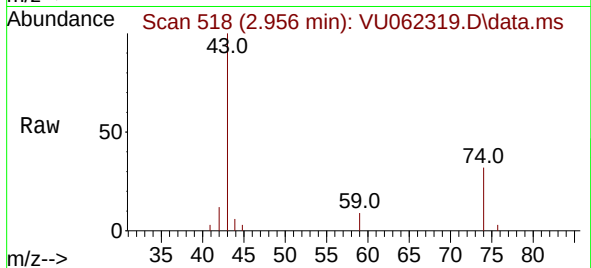
Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

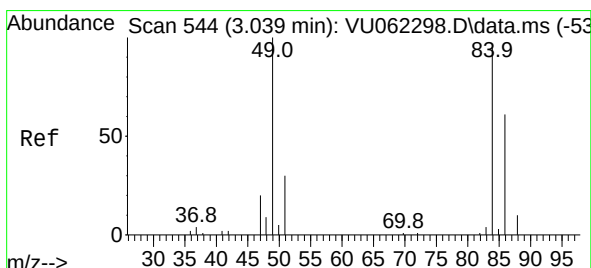
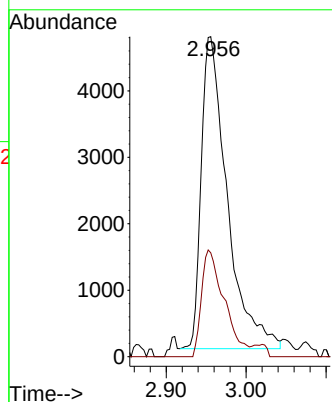


Tgt Ion: 43 Resp: 10598

Ion Ratio Lower Upper

43 100

74 30.0 19.4 29.2#



#16

Methylene chloride

Concen: 5.464 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

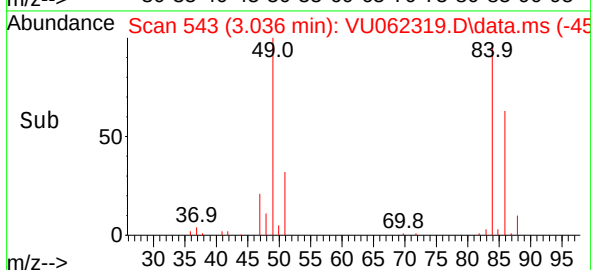
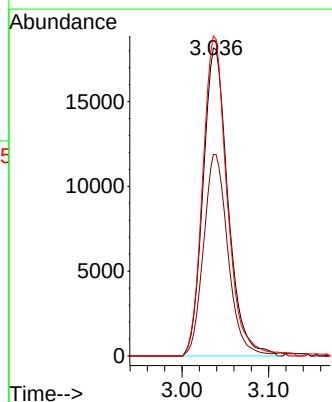
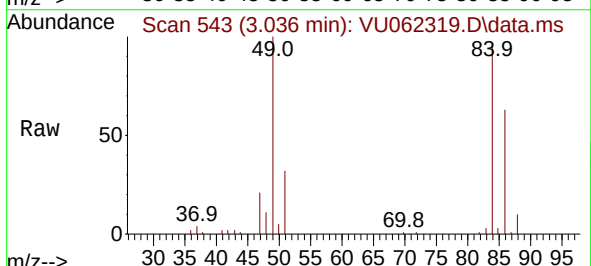
Tgt Ion: 84 Resp: 36280

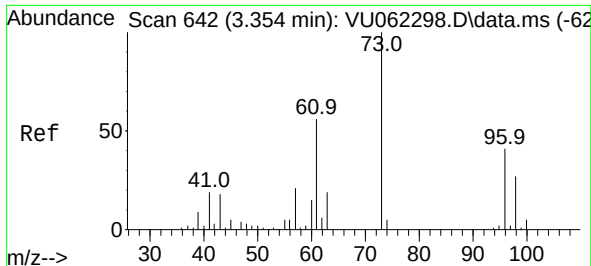
Ion Ratio Lower Upper

84 100

86 65.5 43.5 80.7

49 103.9 81.9 152.1

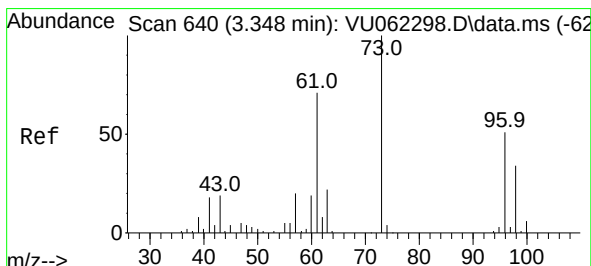
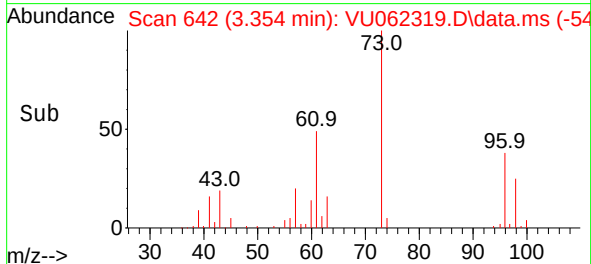
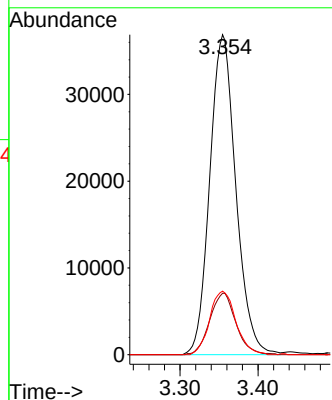
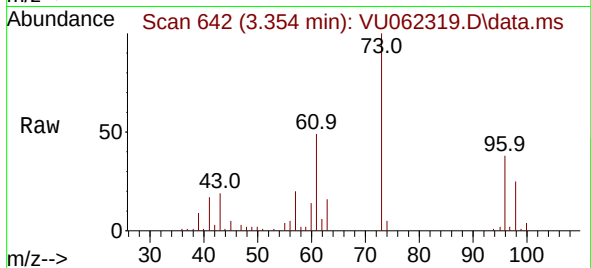




#17
Methyl tert-butyl Ether
Concen: 5.444 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

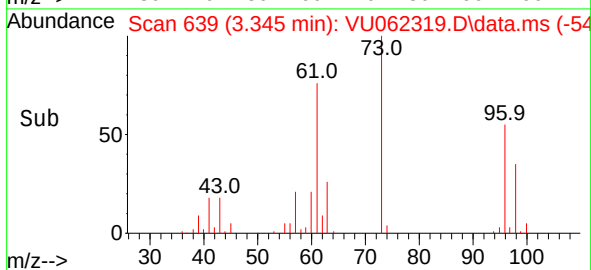
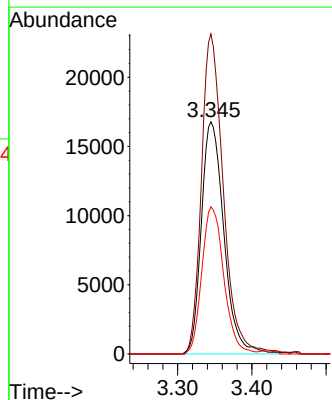
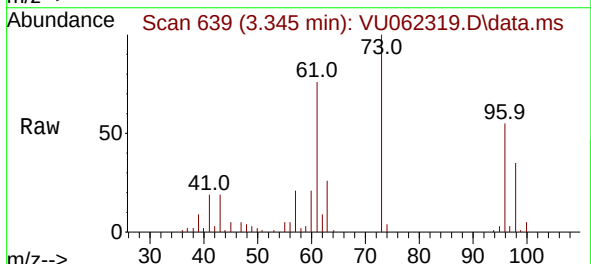
Instrument :
MSVOA_U
ClientSampleId :

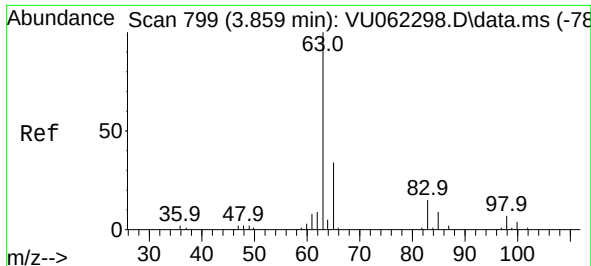
Tgt Ion: 73 Resp: 85786
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5
57 19.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.454 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 96 Resp: 35442
Ion Ratio Lower Upper
96 100
61 137.8 104.2 193.4
98 63.4 45.7 84.9

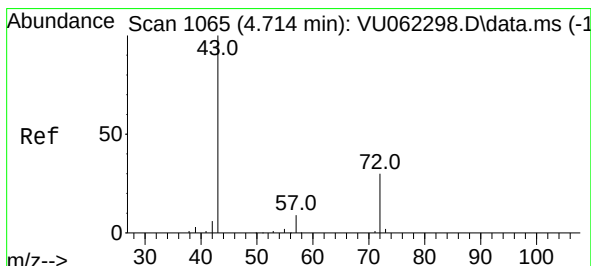
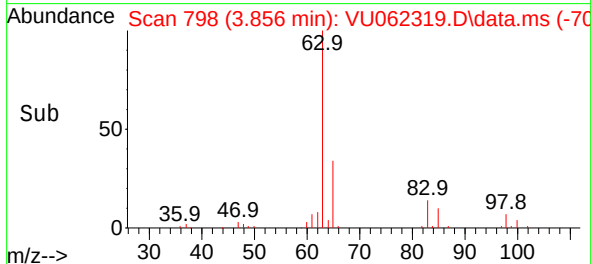
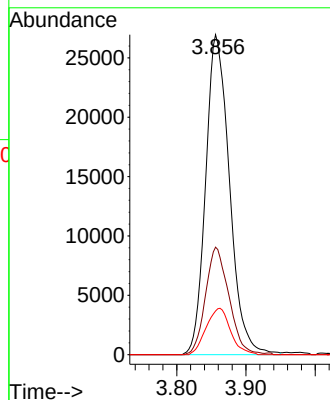
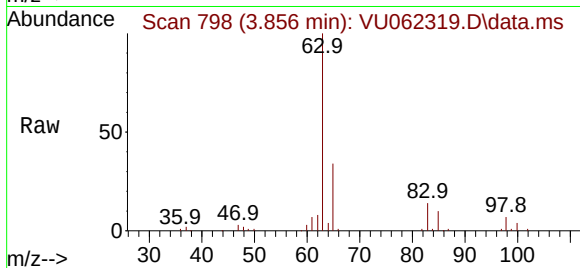




#19
1,1-Dichloroethane
Concen: 5.406 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

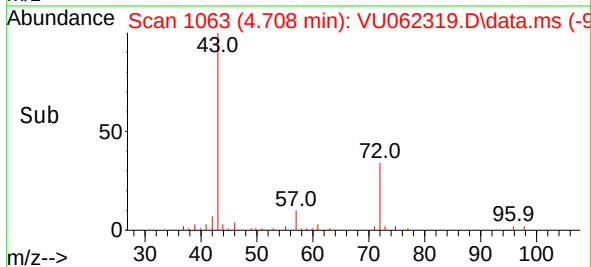
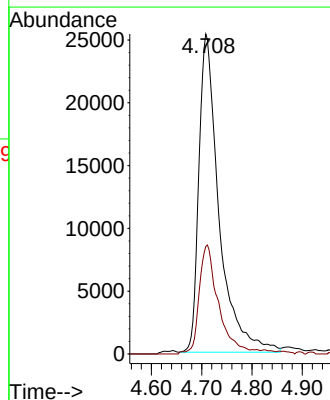
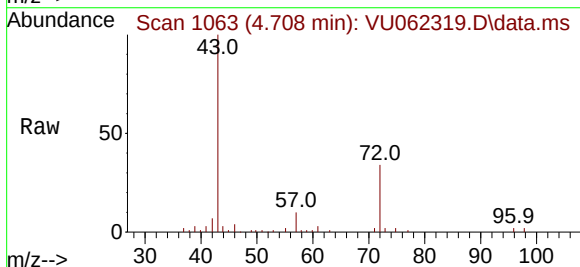
Instrument :
MSVOA_U
ClientSampleId :

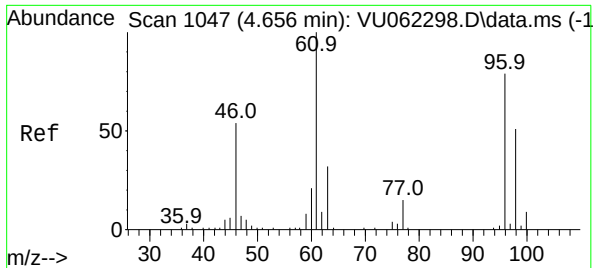
Tgt Ion: 63 Resp: 64399
Ion Ratio Lower Upper
63 100
65 33.6 22.7 42.3
83 13.7 9.9 18.3



#21
2-Butanone
Concen: 58.894 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 43 Resp: 70523
Ion Ratio Lower Upper
43 100
72 32.6 14.8 44.4

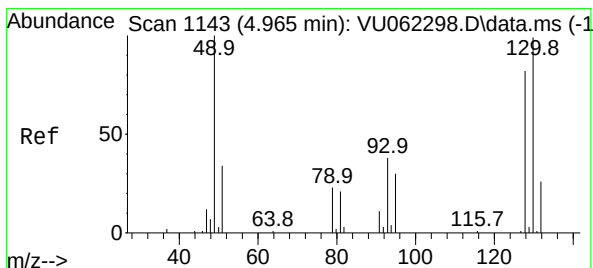
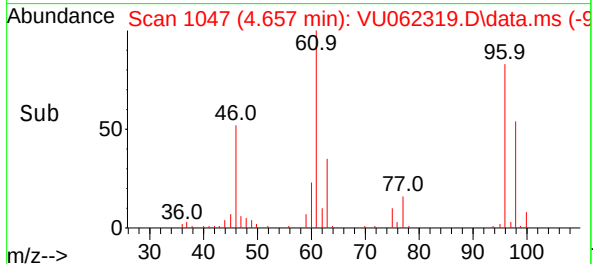
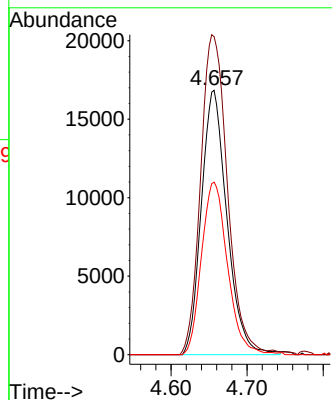
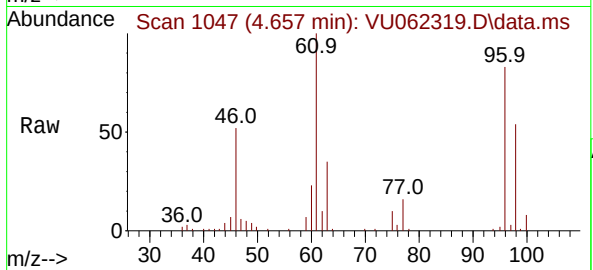




#22
cis-1,2-Dichloroethene
Concen: 5.409 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

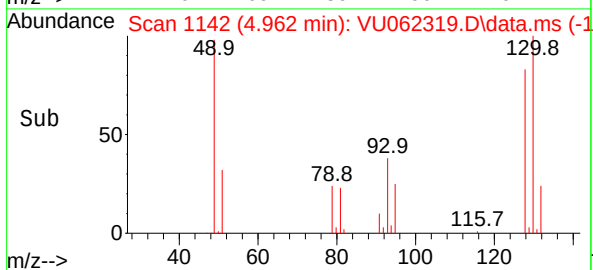
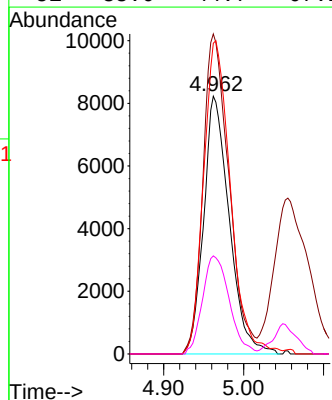
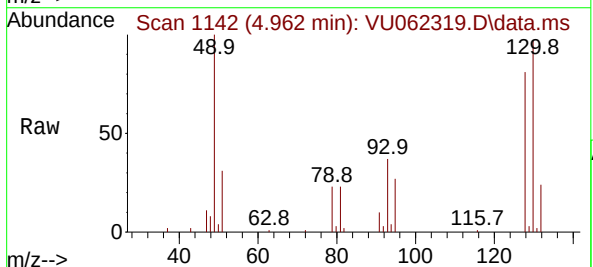
Instrument :
MSVOA_U
ClientSampleId :

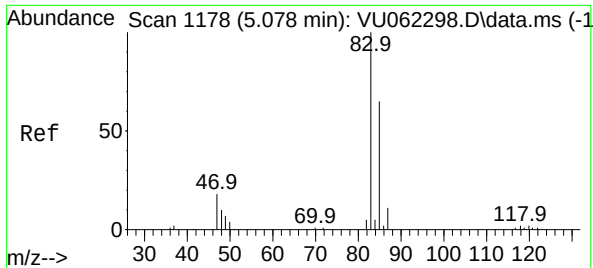
Tgt Ion: 96 Resp: 39400
Ion Ratio Lower Upper
96 100
61 120.3 92.0 170.8
98 65.2 44.5 82.7



#23
Bromochloromethane
Concen: 5.733 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion:128 Resp: 18307
Ion Ratio Lower Upper
128 100
49 124.1 115.3 214.1
130 120.5 92.0 170.8
51 38.0 44.7 67.1#

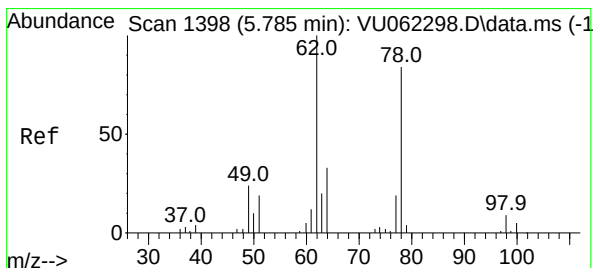
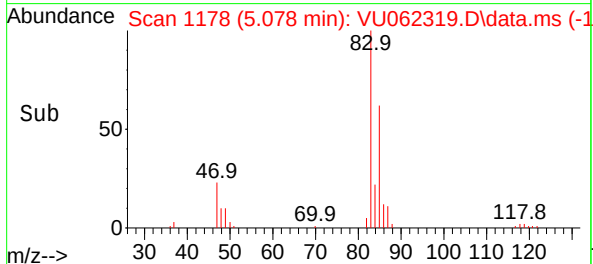
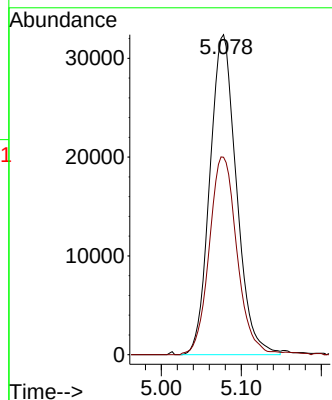
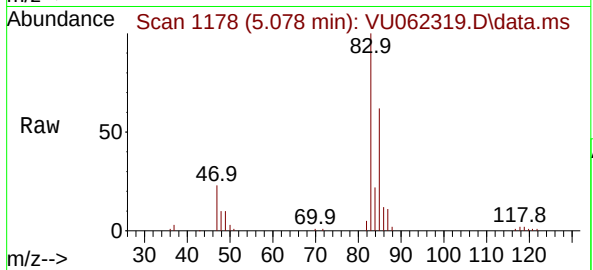




#25
Chloroform
Concen: 5.581 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

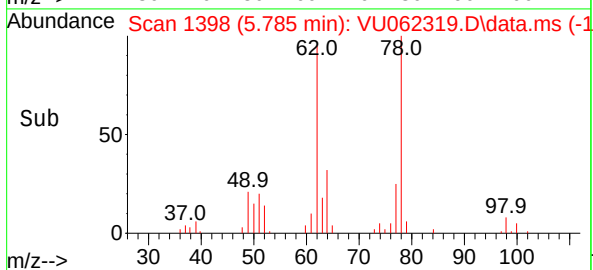
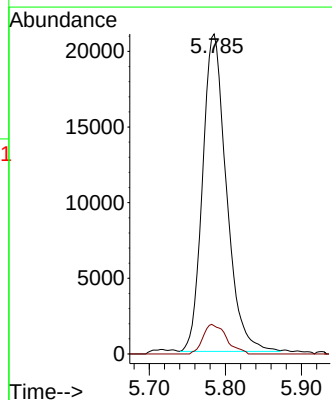
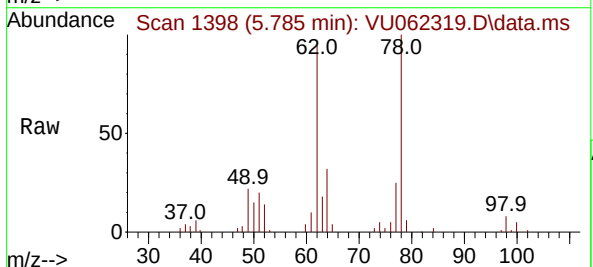
Instrument :
MSVOA_U
ClientSampleId :

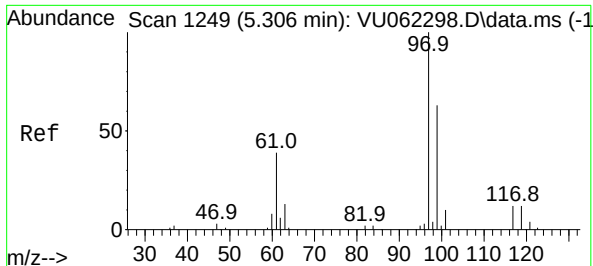
Tgt Ion: 83 Resp: 74891
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.365 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 62 Resp: 45744
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0

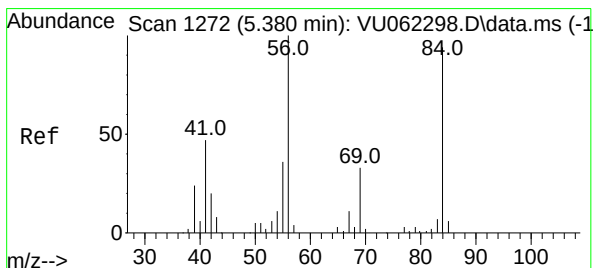
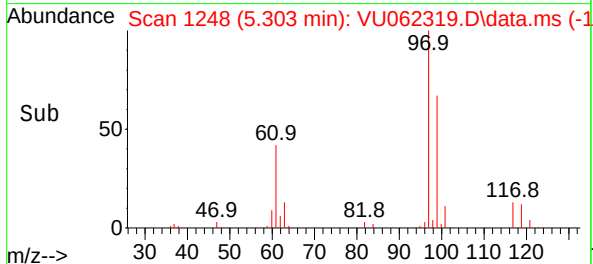
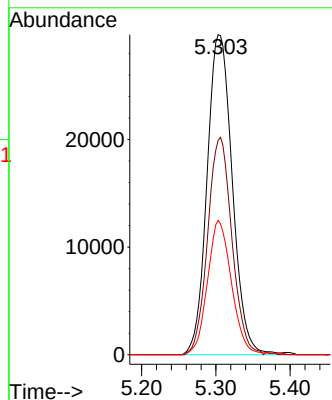
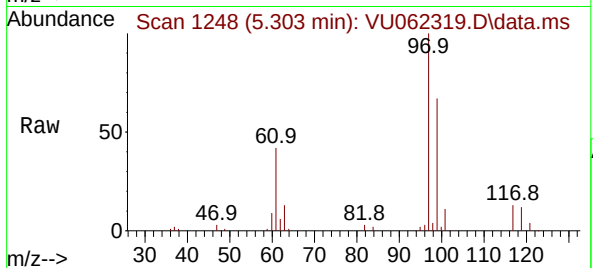




#29
1,1,1-Trichloroethane
Concen: 5.513 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

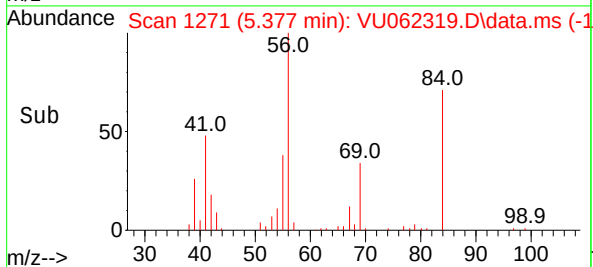
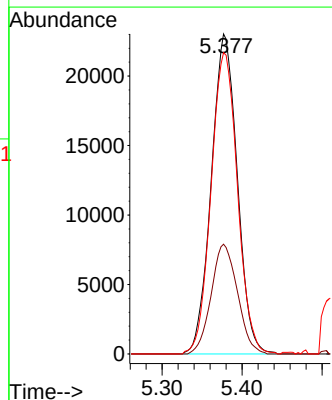
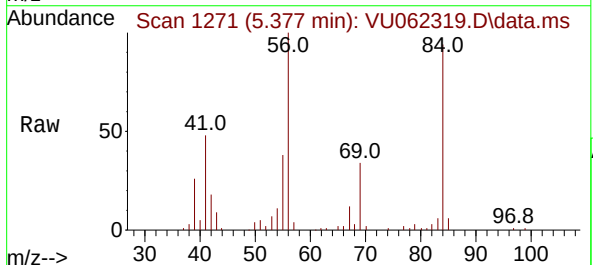
Instrument :
MSVOA_U
ClientSampleId :

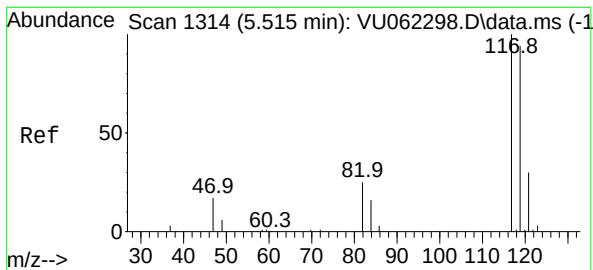
Tgt Ion:	97	Resp:	70292
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	39.9	37.8	56.6



#30
Cyclohexane
Concen: 5.023 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion:	56	Resp:	51930
Ion	Ratio	Lower	Upper
56	100		
69	34.7	25.1	37.7
84	95.8	70.6	105.8

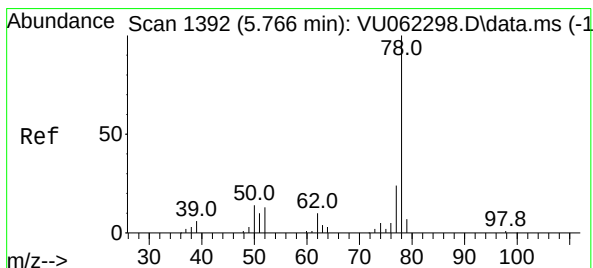
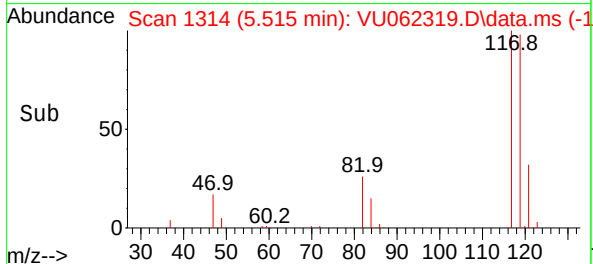
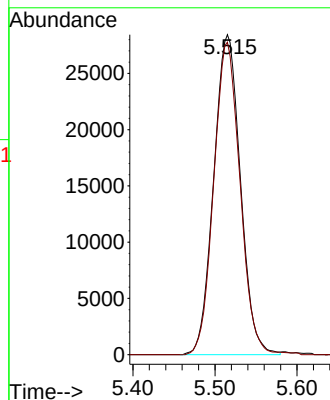
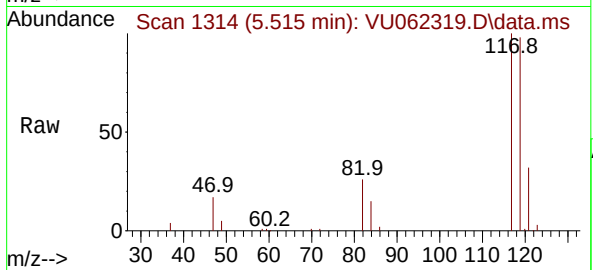




#31
Carbon tetrachloride
Concen: 5.493 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

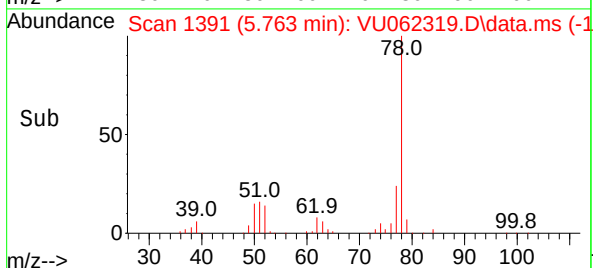
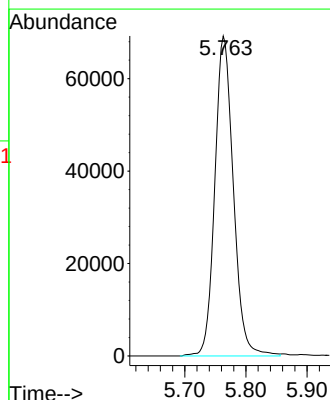
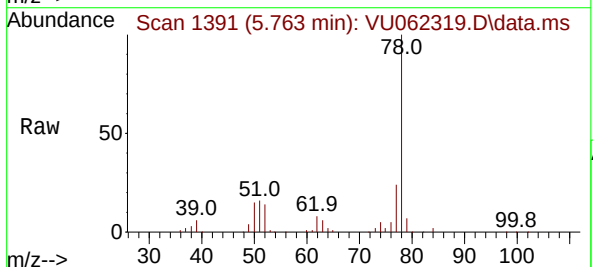
Instrument :
MSVOA_U
ClientSampleId :

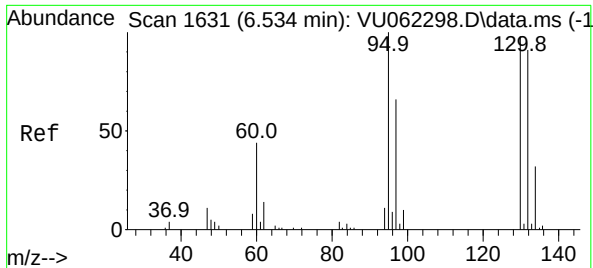
Tgt Ion:117 Resp: 64214
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 5.192 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 78 Resp: 145828





#34

Trichloroethene

Concen: 5.386 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 42849

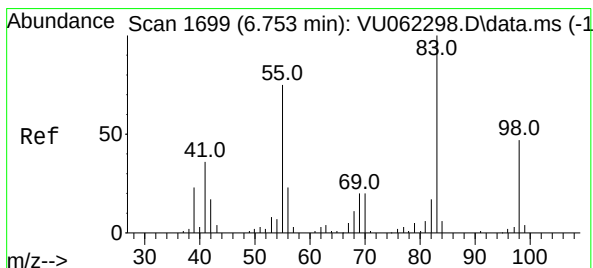
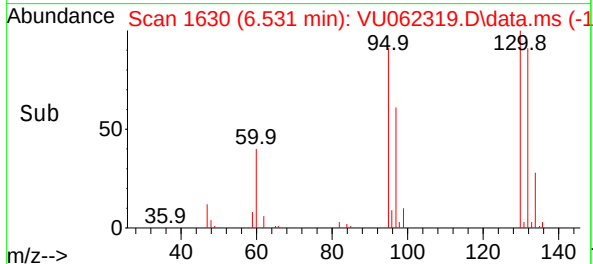
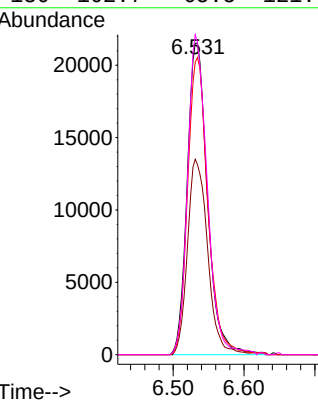
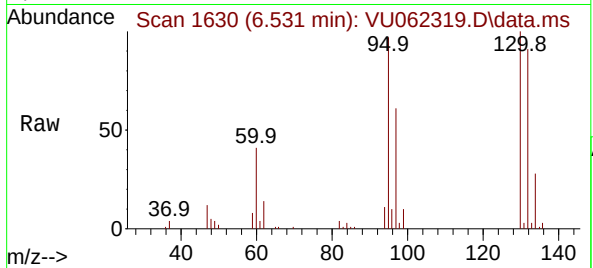
Ion Ratio Lower Upper

95 100

97 62.7 45.9 85.3

132 93.9 63.8 118.4

130 102.7 65.5 121.7



#35

Methylcyclohexane

Concen: 5.006 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

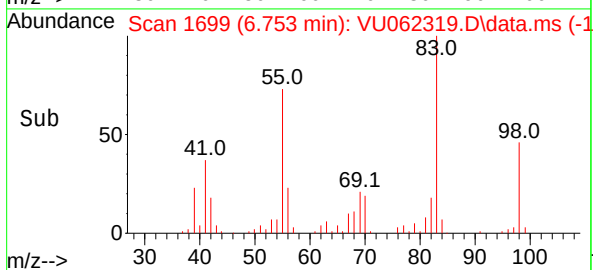
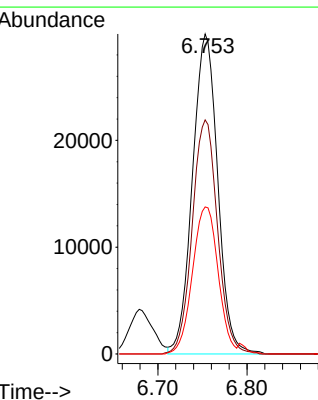
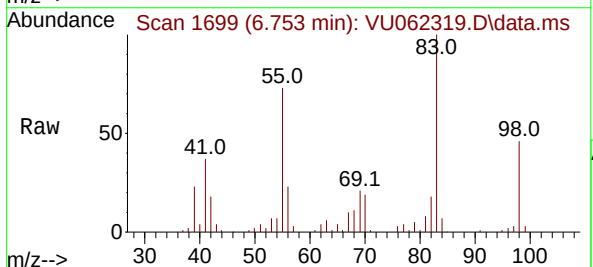
Tgt Ion: 83 Resp: 59051

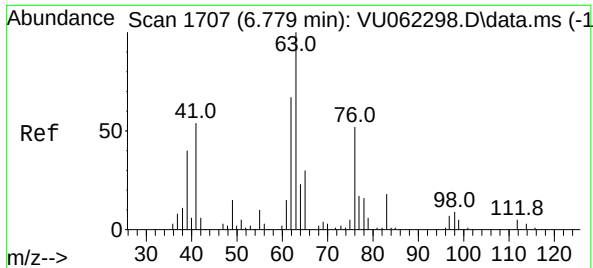
Ion Ratio Lower Upper

83 100

55 73.2 60.7 91.1

98 46.6 34.8 52.2

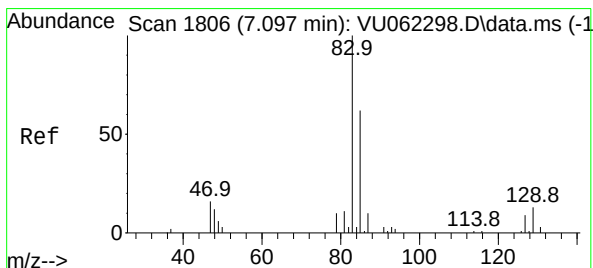
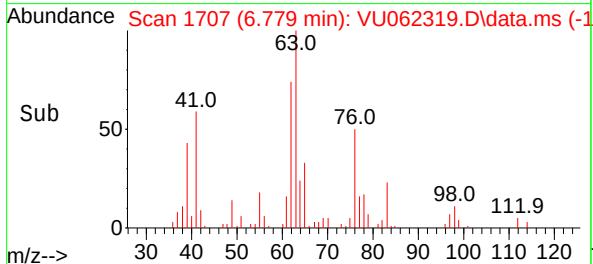
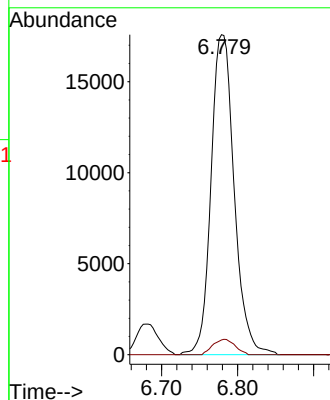
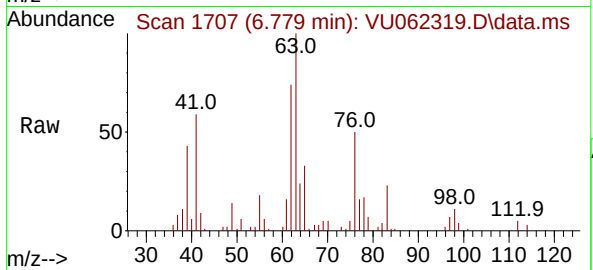




#37
1,2-Dichloropropane
Concen: 5.442 ug/L
RT: 6.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

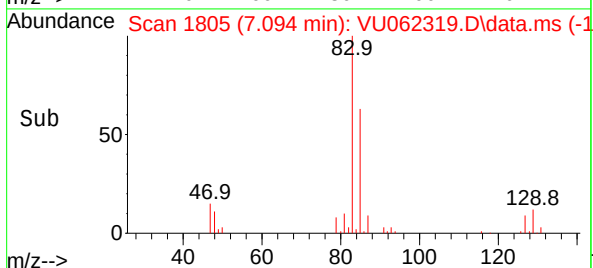
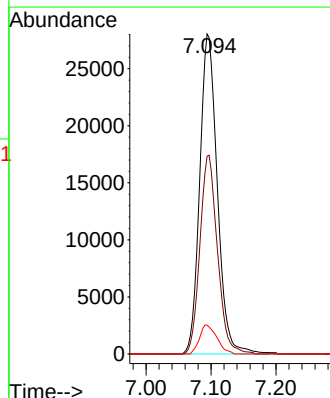
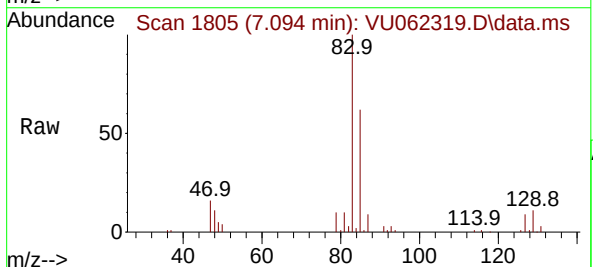
Instrument :
MSVOA_U
ClientSampleId :

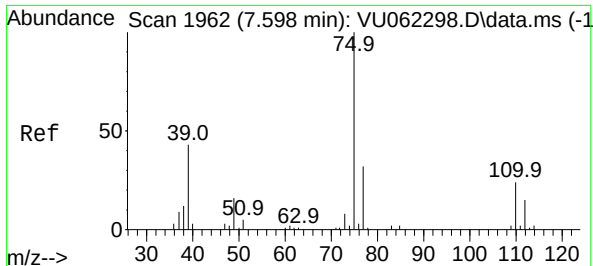
Tgt Ion: 63 Resp: 37218
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.492 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 83 Resp: 52990
Ion Ratio Lower Upper
83 100
85 61.8 44.1 81.9
127 9.0 6.9 10.3

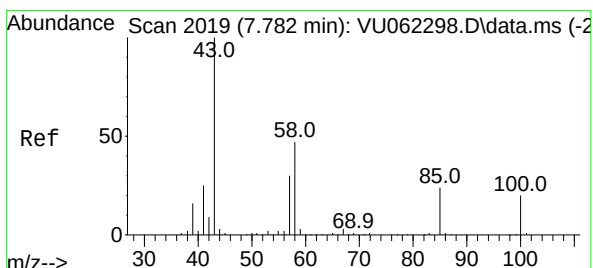
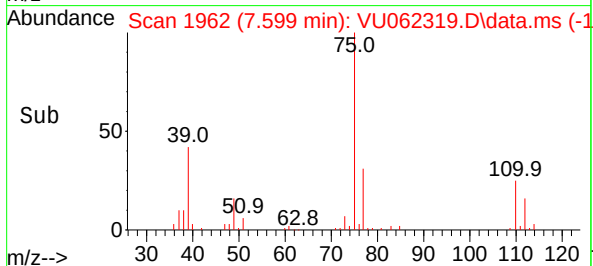
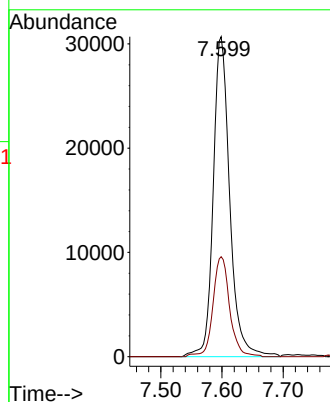
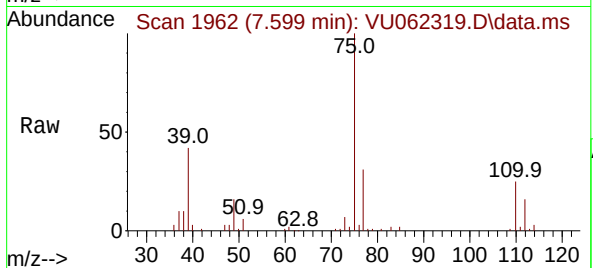




#39
 cis-1,3-Dichloropropene
 Concen: 5.264 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062319.D
 Acq: 13 Dec 2024 17:48

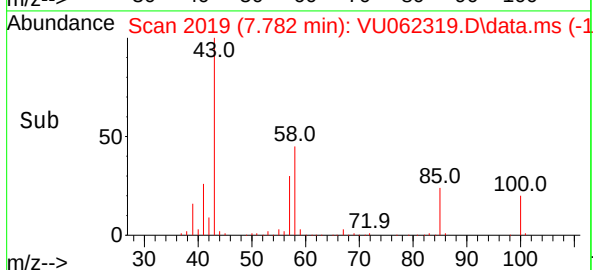
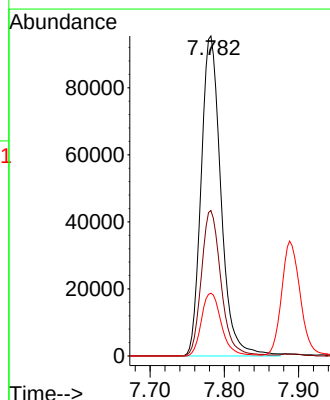
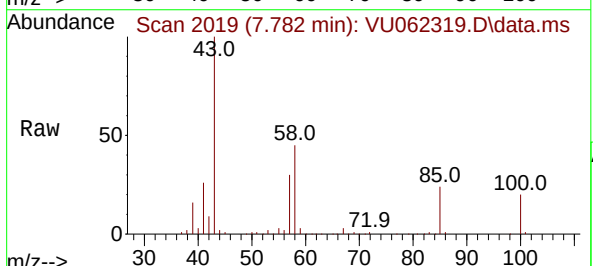
Instrument :
 MSVOA_U
 ClientSampleId :

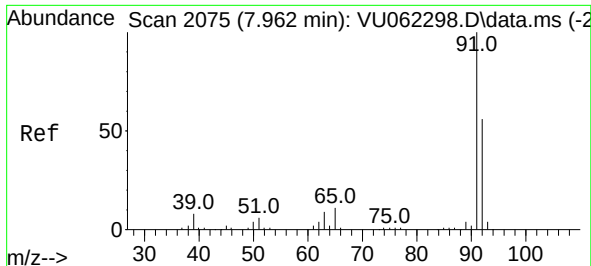
Tgt Ion: 75 Resp: 57702
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 55.213 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062319.D
 Acq: 13 Dec 2024 17:48

Tgt Ion: 43 Resp: 176979
 Ion Ratio Lower Upper
 43 100
 58 45.2 33.3 49.9
 100 19.9 12.4 18.6#





#42

Toluene

Concen: 5.461 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

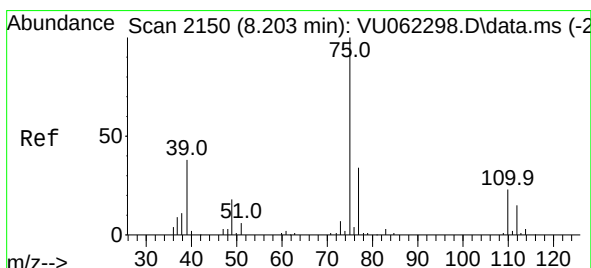
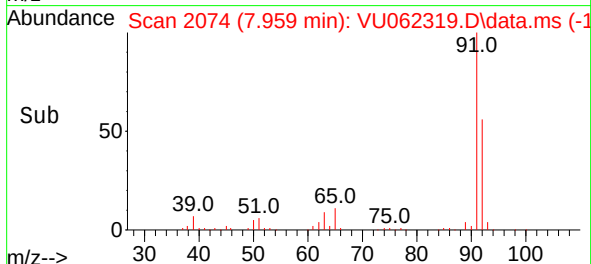
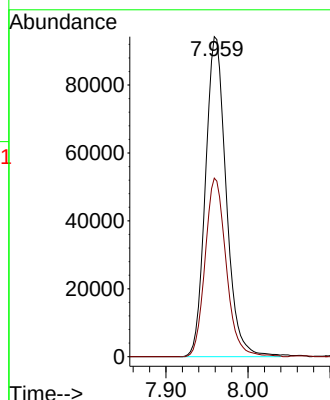
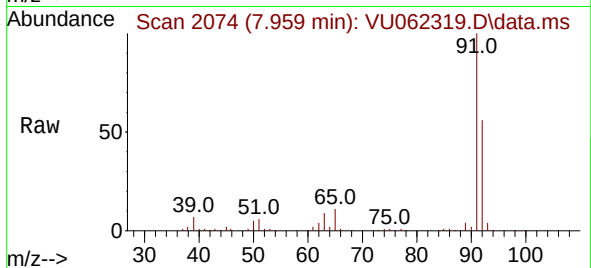
ClientSampleId :

Tgt Ion: 91 Resp: 165366

Ion Ratio Lower Upper

91 100

92 55.8 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.446 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062319.D

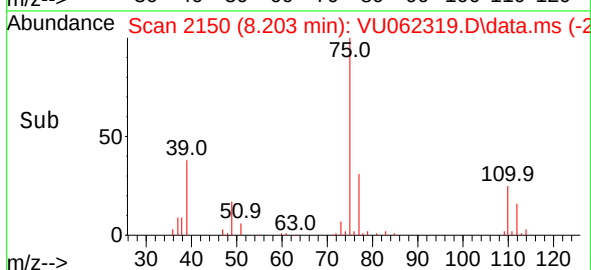
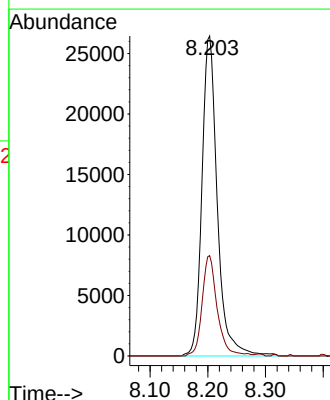
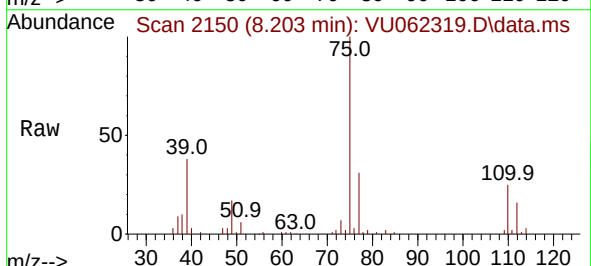
Acq: 13 Dec 2024 17:48

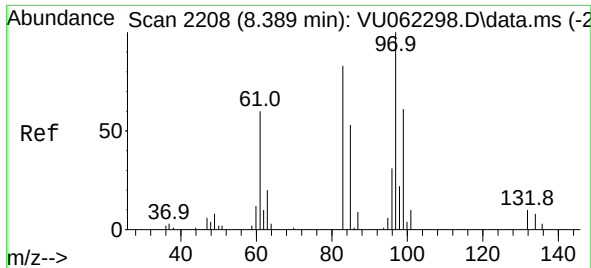
Tgt Ion: 75 Resp: 48754

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



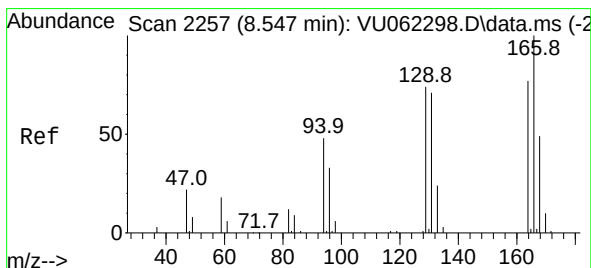
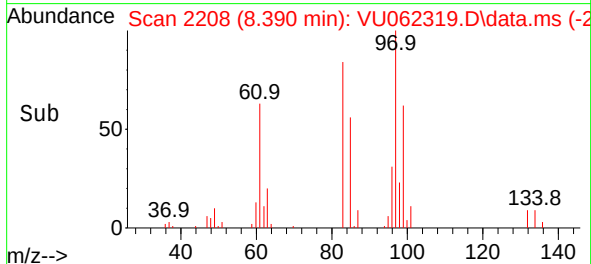
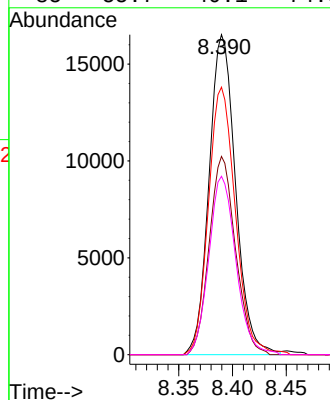
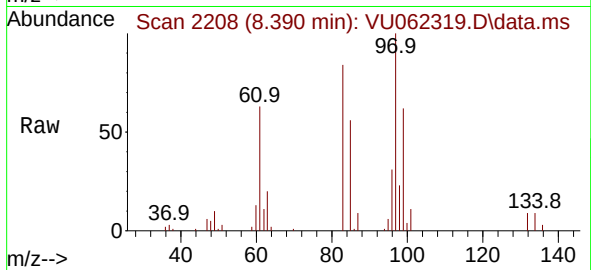


#45
1,1,2-Trichloroethane
Concen: 5.486 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 28323

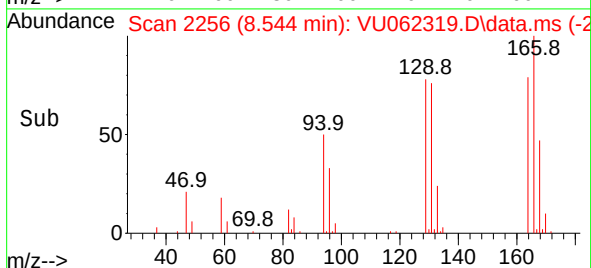
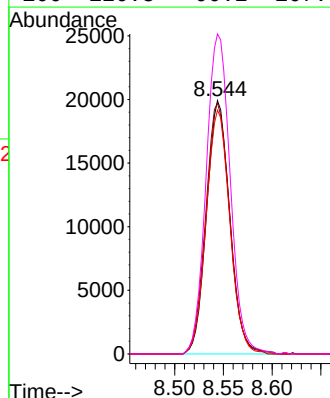
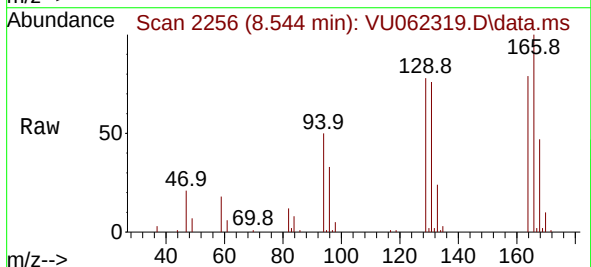
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.0	79.8
83	83.6	61.7	114.5
85	55.7	40.1	74.5

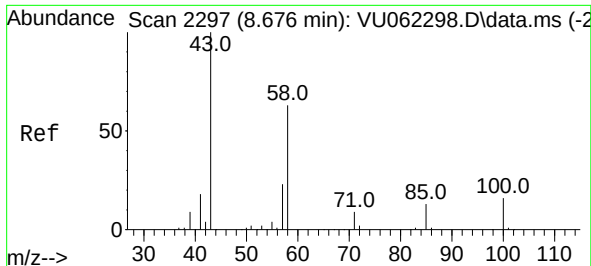


#47
Tetrachloroethene
Concen: 5.397 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 164 Resp: 33152

Ion	Ratio	Lower	Upper
164	100		
129	99.0	73.2	136.0
131	96.2	72.3	134.3
166	126.3	90.2	167.4

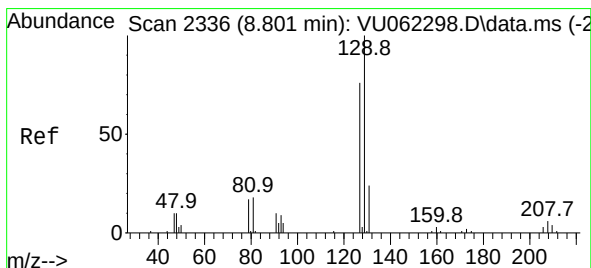
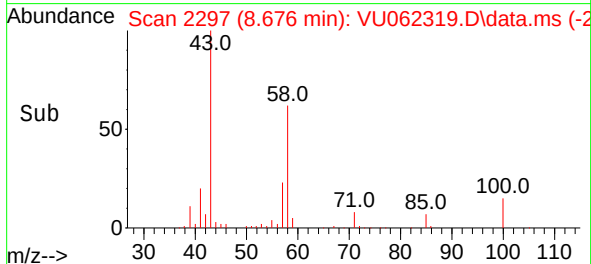
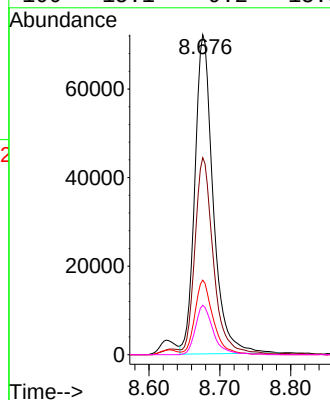
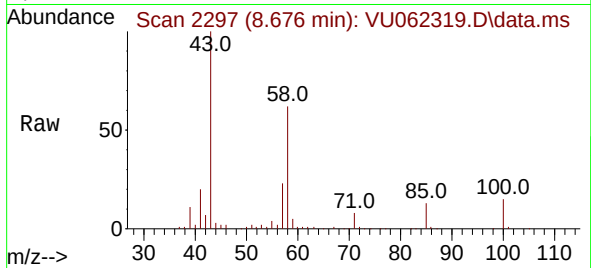




#48
2-Hexanone
Concen: 54.625 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

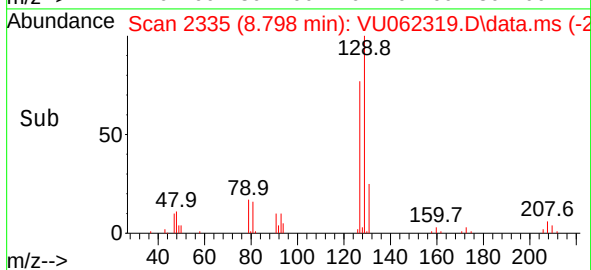
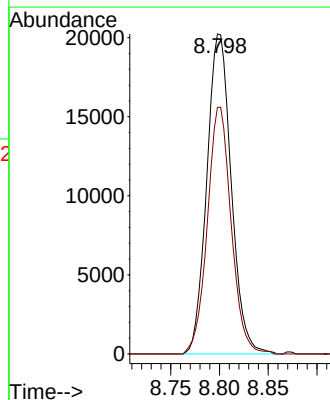
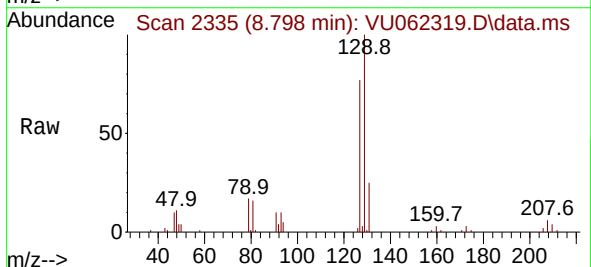
Instrument :
MSVOA_U
ClientSampleId :

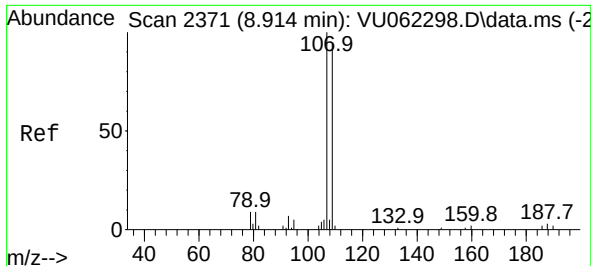
Tgt	Ion: 43	Resp:	129401
Ion	Ratio	Lower	Upper
43	100		
58	61.3	47.5	71.3
57	23.6	15.6	23.4#
100	15.1	9.2	13.8#



#49
Dibromochloromethane
Concen: 5.667 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion:129	Resp: 35354		
Ion Ratio	Lower	Upper	
129 100			
127 77.0	51.1	94.9	





#50

1,2-Dibromoethane

Concen: 5.577 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

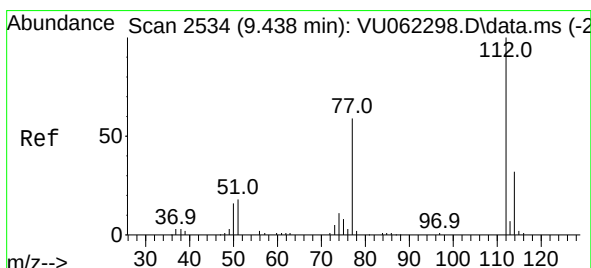
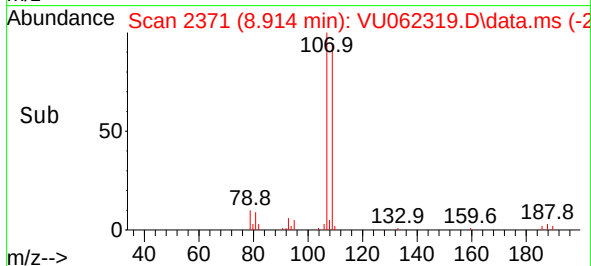
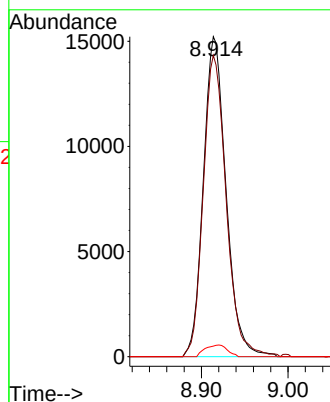
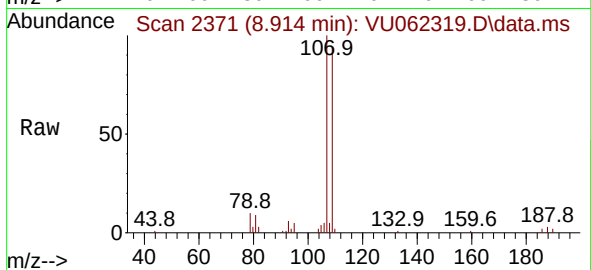
Tgt Ion:107 Resp: 27669

Ion Ratio Lower Upper

107 100

109 94.2 66.8 124.2

188 3.3 2.3 3.5



#51

Chlorobenzene

Concen: 5.442 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

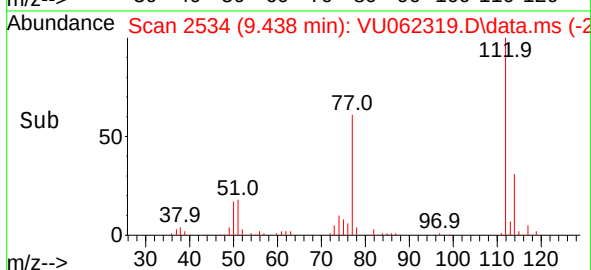
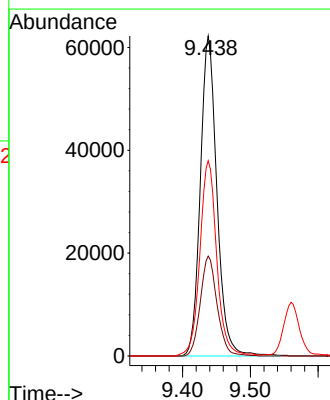
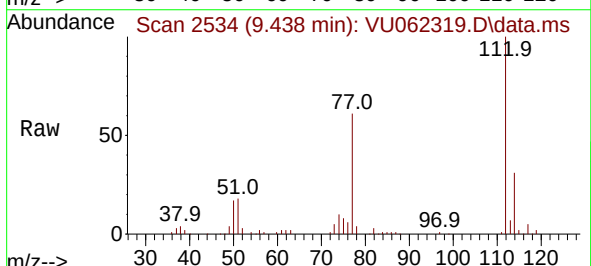
Tgt Ion:112 Resp: 105605

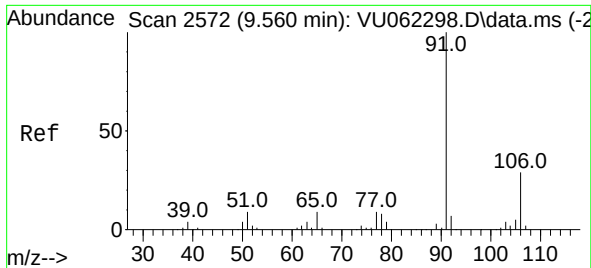
Ion Ratio Lower Upper

112 100

114 31.2 23.0 42.6

77 61.0 50.5 75.7

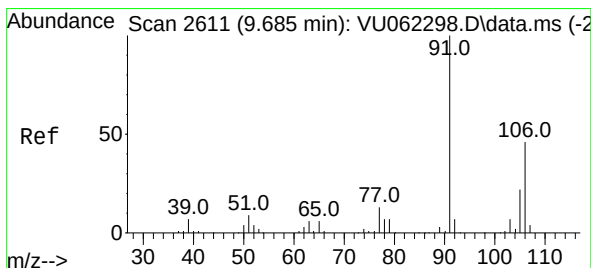
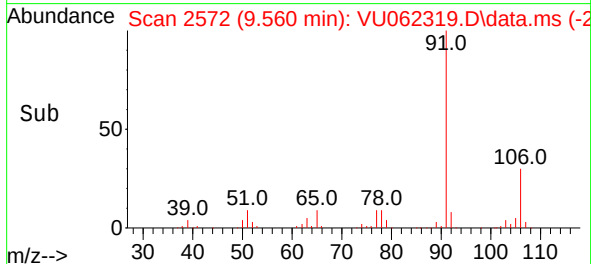
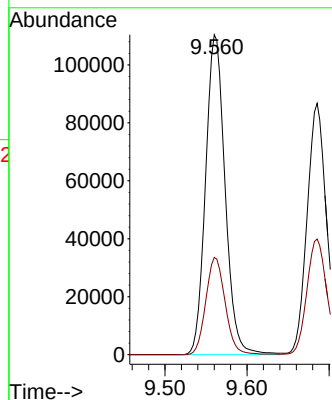
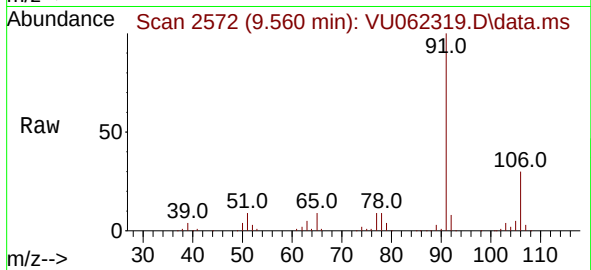




#52
Ethylbenzene
Concen: 5.366 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

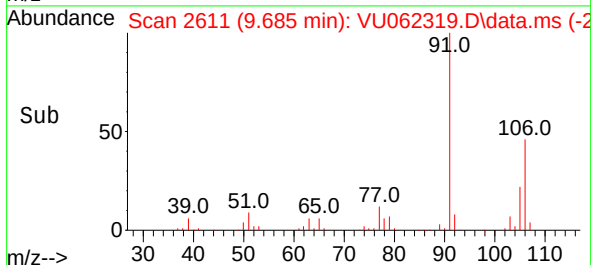
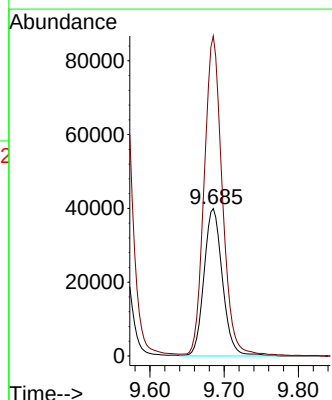
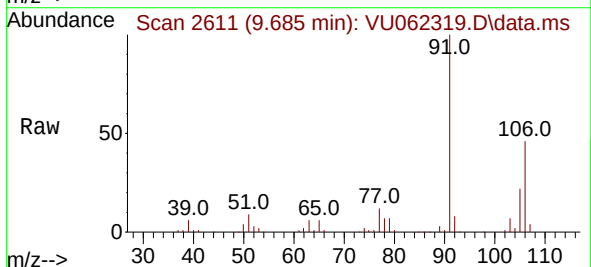
Instrument :
MSVOA_U
ClientSampleId :

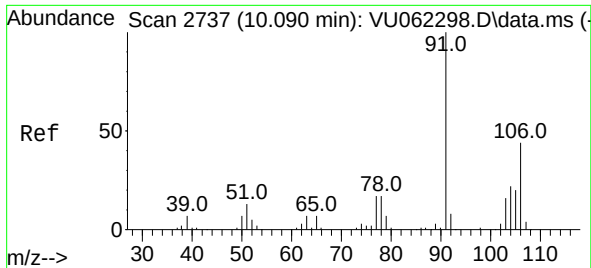
Tgt Ion: 91 Resp: 182196
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 5.501 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion:106 Resp: 68959
Ion Ratio Lower Upper
106 100
91 217.2 147.6 274.0

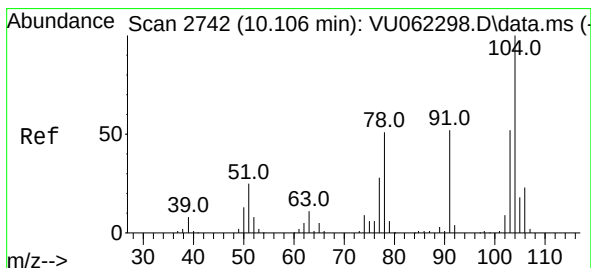
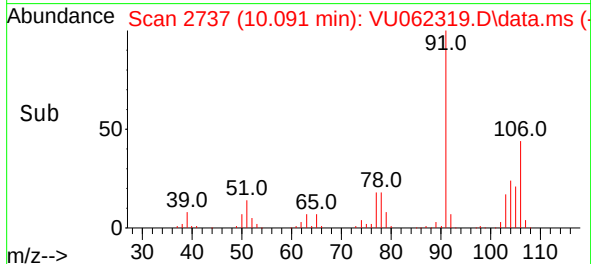
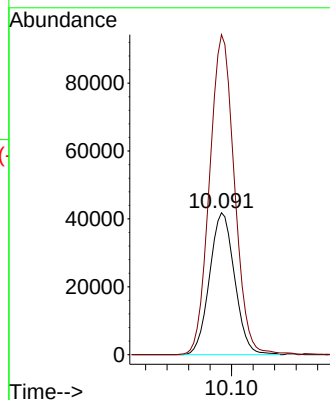
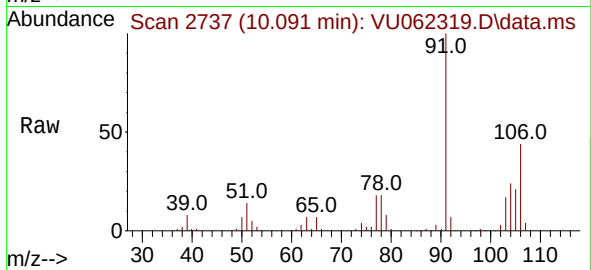




#54
o-Xylene
Concen: 5.546 ug/L
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

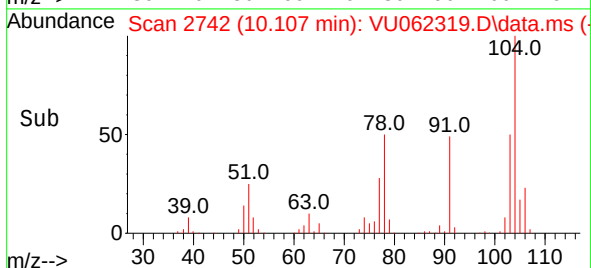
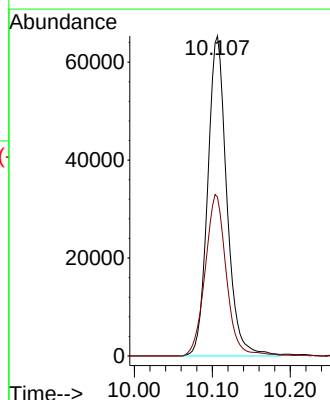
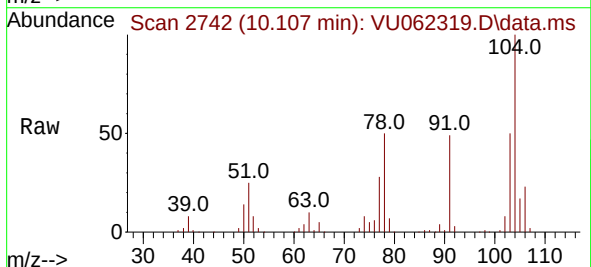
Instrument :
MSVOA_U
ClientSampleId :

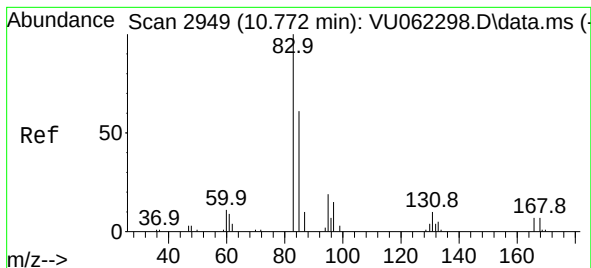
Tgt Ion:106 Resp: 67613
Ion Ratio Lower Upper
106 100
91 225.5 159.8 296.8



#55
Styrene
Concen: 5.535 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion:104 Resp: 111244
Ion Ratio Lower Upper
104 100
78 49.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.474 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062319.D

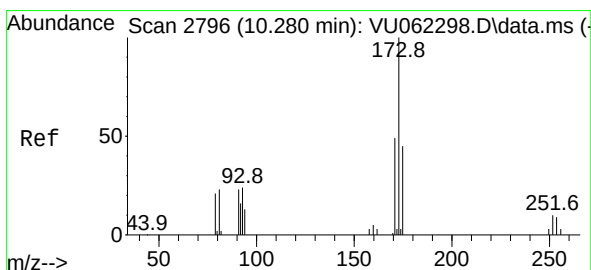
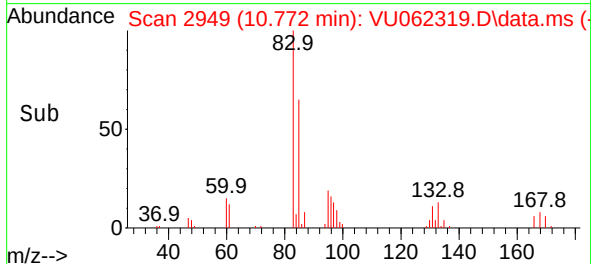
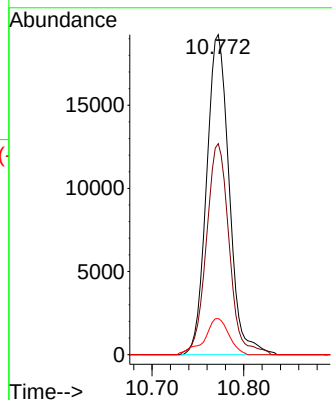
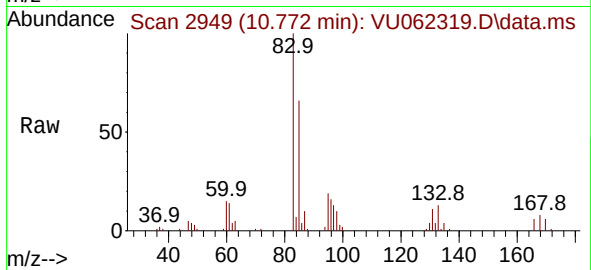
Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	32895
Ion Ratio	Lower	Upper	
83	100		
85	66.0	44.4	82.4
131	11.3	7.3	10.9#



#59

Bromoform

Concen: 5.499 ug/L

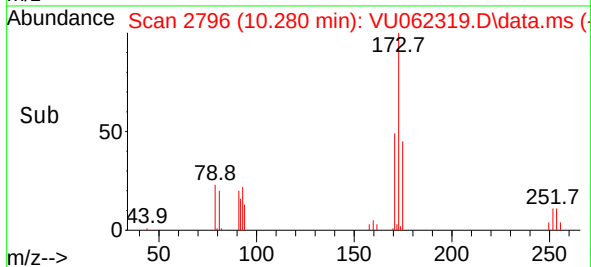
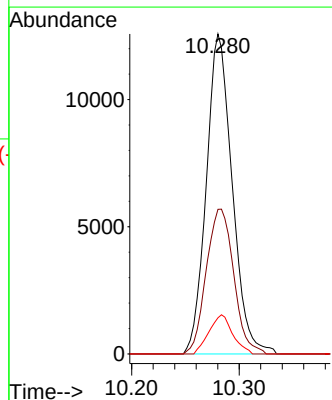
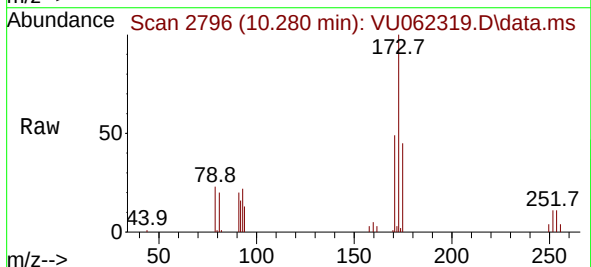
RT: 10.280 min Scan# 2796

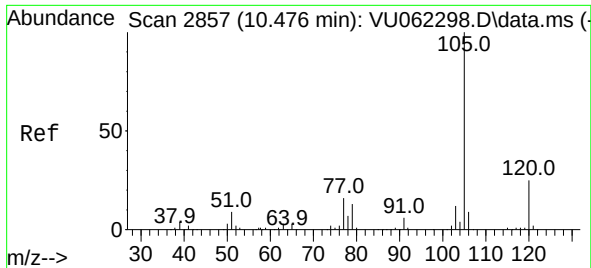
Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Tgt Ion:	173	Resp:	21033
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.0	58.4
254	11.2	7.4	11.0#

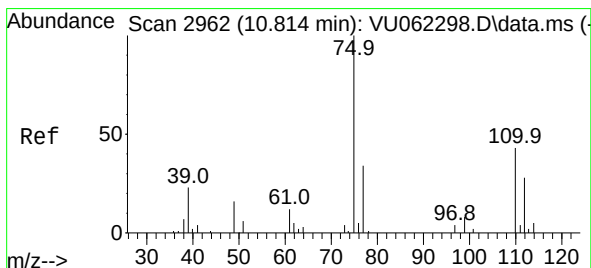
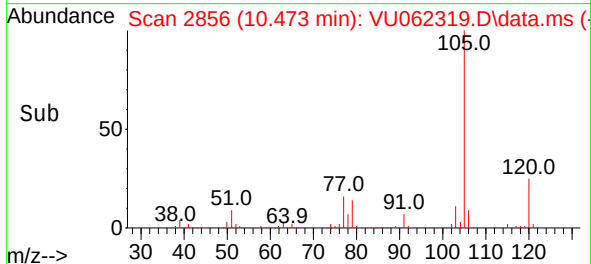
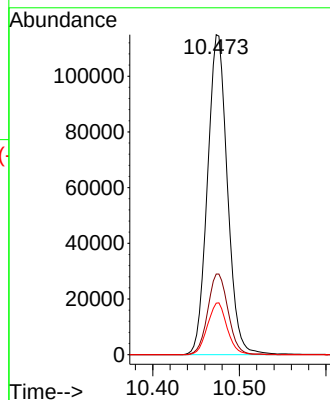
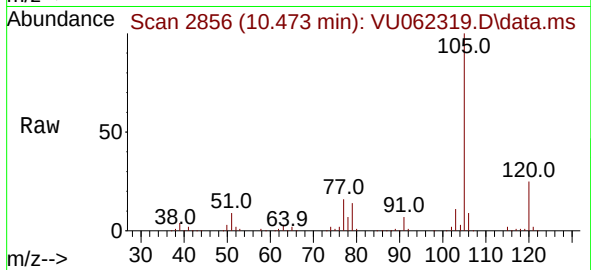




#60
Isopropylbenzene
Concen: 5.218 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

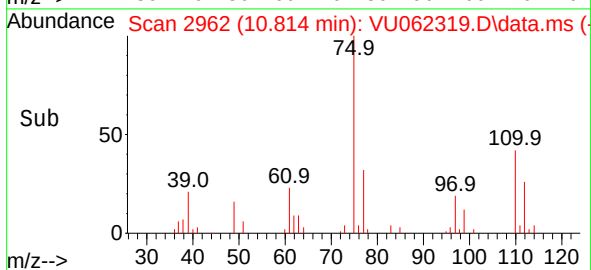
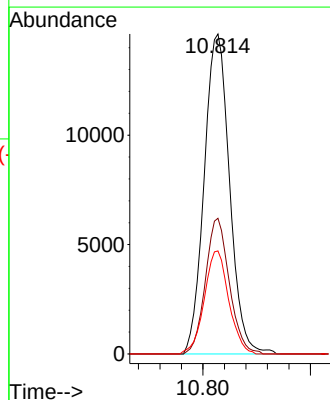
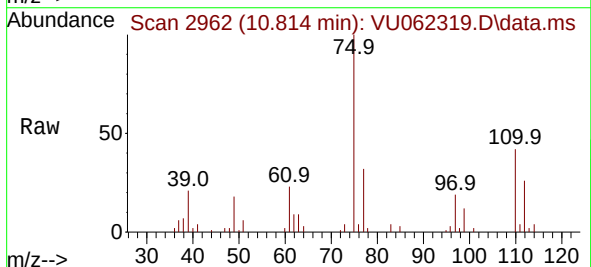
Instrument :
MSVOA_U
ClientSampleId :

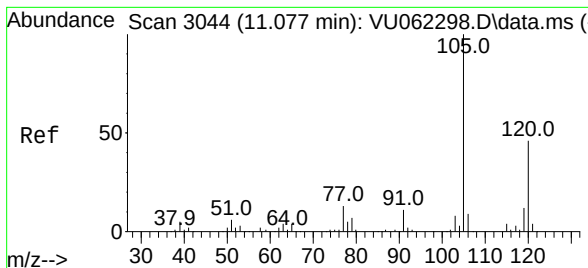
Tgt Ion:105 Resp: 183482
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.333 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion: 75 Resp: 24001
Ion Ratio Lower Upper
75 100
110 39.9 28.9 43.3
77 31.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.172 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

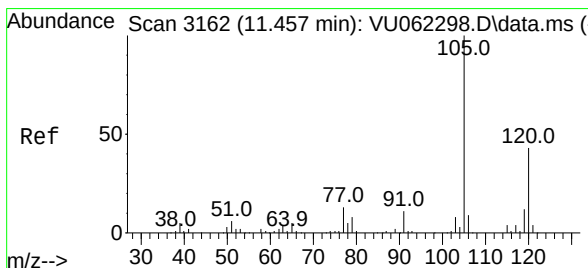
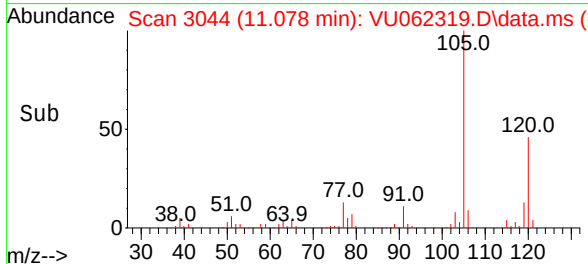
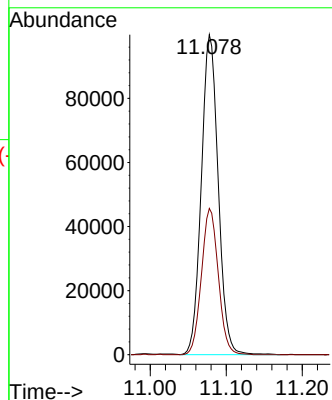
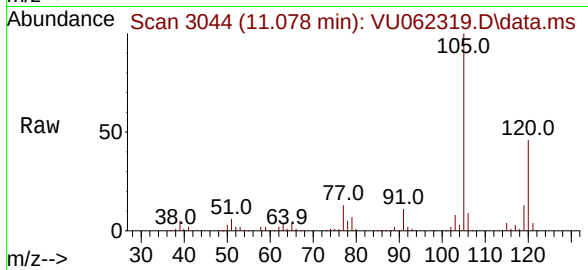
ClientSampleId :

Tgt Ion:105 Resp: 153899

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.255 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU062319.D

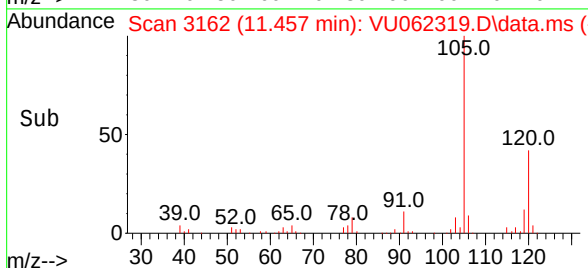
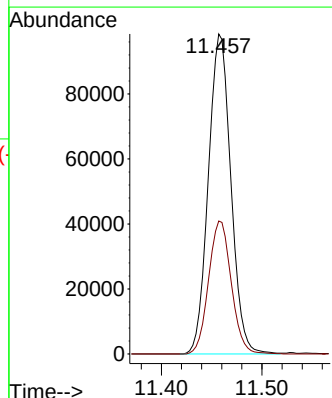
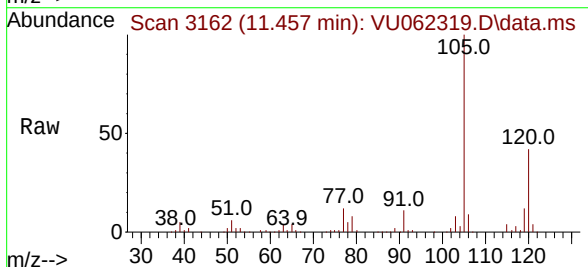
Acq: 13 Dec 2024 17:48

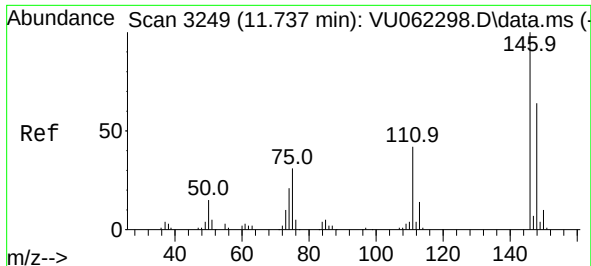
Tgt Ion:105 Resp: 153197

Ion Ratio Lower Upper

105 100

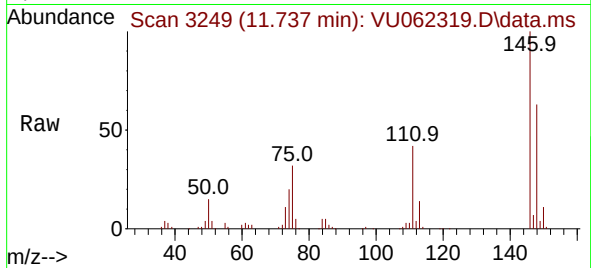
120 41.8 34.7 52.1



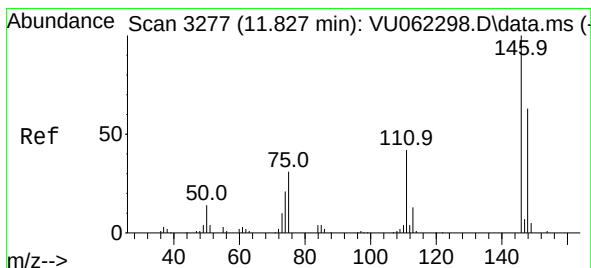
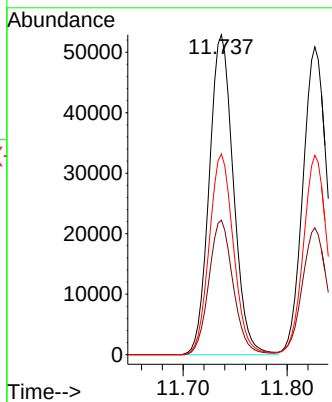
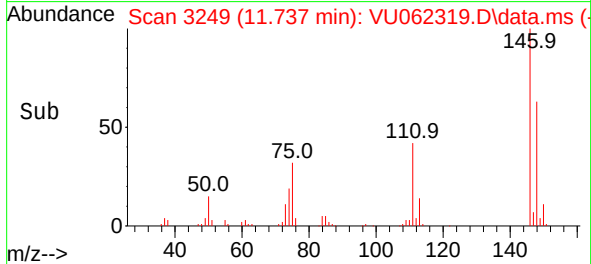


#64
1,3-Dichlorobenzene
Concen: 5.294 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

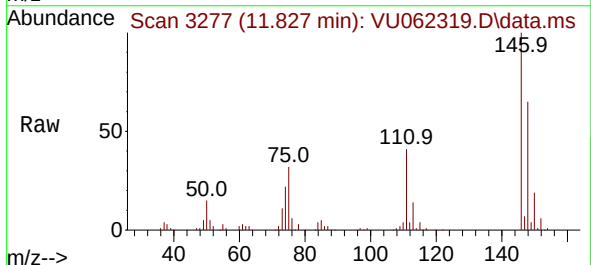
Instrument :
MSVOA_U
ClientSampleId :



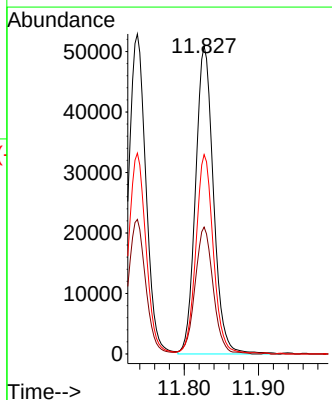
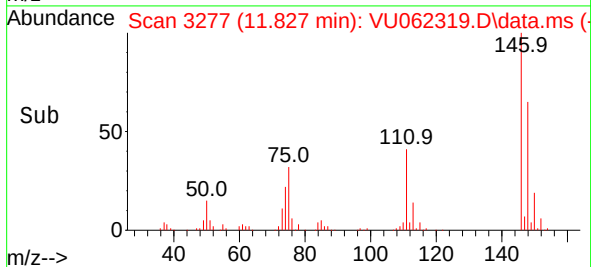
Tgt Ion:146 Resp: 85503
Ion Ratio Lower Upper
146 100
111 42.0 30.7 57.1
148 62.7 45.1 83.7

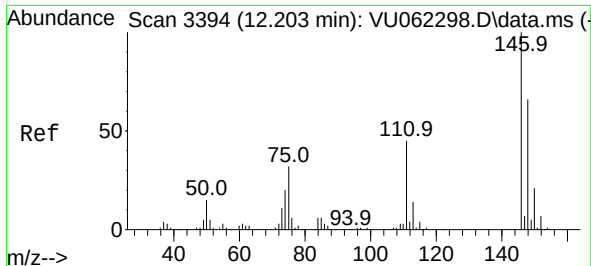


#65
1,4-Dichlorobenzene
Concen: 5.263 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48



Tgt Ion:146 Resp: 85589
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 64.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.173 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

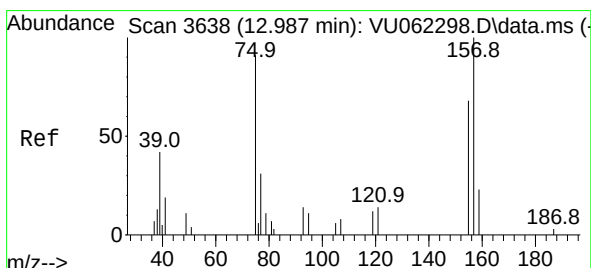
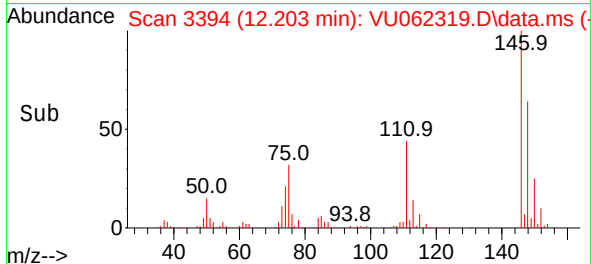
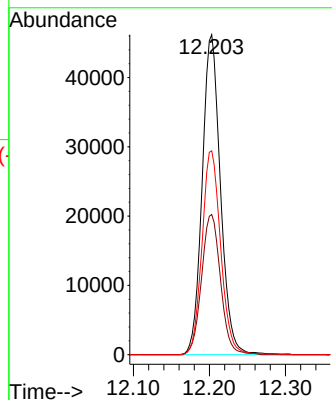
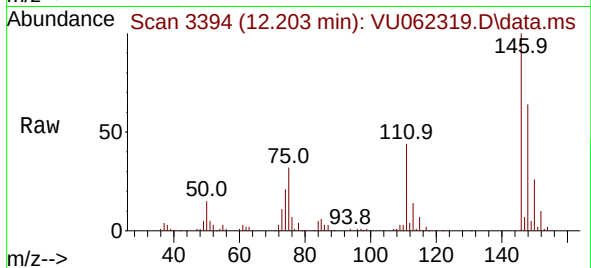
Tgt Ion:146 Resp: 77216

Ion Ratio Lower Upper

146 100

111 43.8 36.0 54.0

148 63.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.327 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

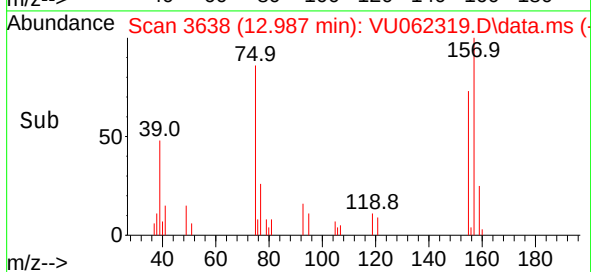
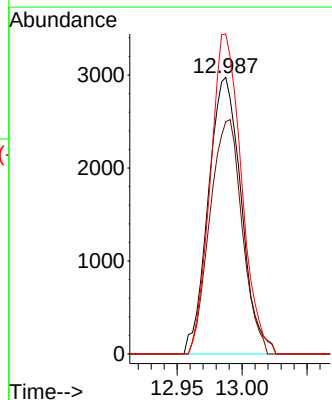
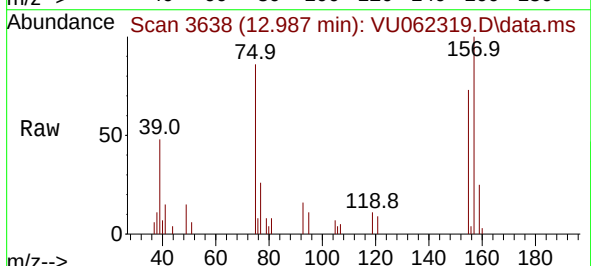
Tgt Ion: 75 Resp: 5230

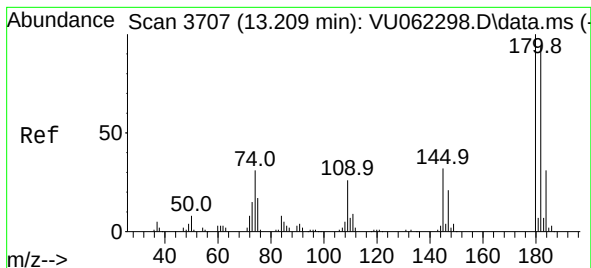
Ion Ratio Lower Upper

75 100

155 84.0 55.2 82.8#

157 115.7 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 5.082 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 61016

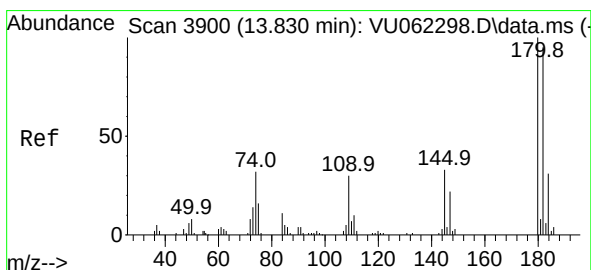
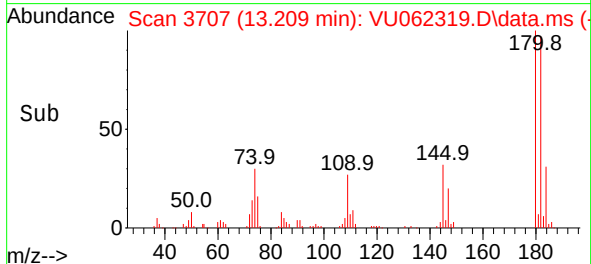
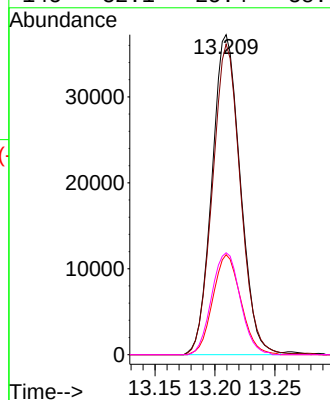
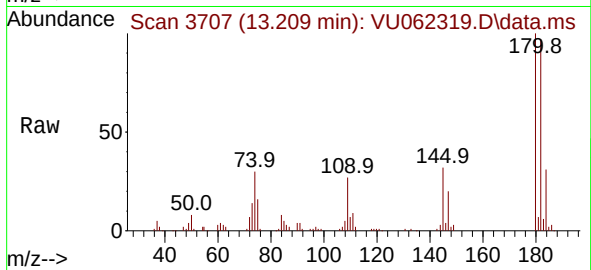
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

184 30.9 24.8 37.2

145 32.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.838 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU062319.D

Acq: 13 Dec 2024 17:48

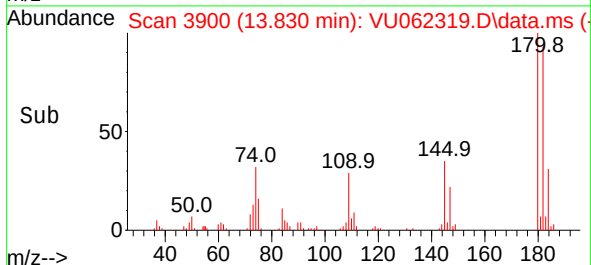
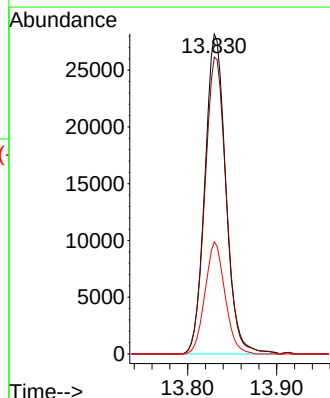
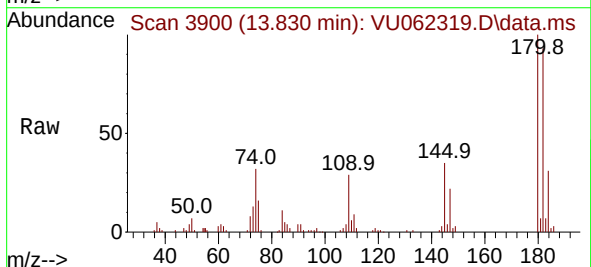
Tgt Ion:180 Resp: 45862

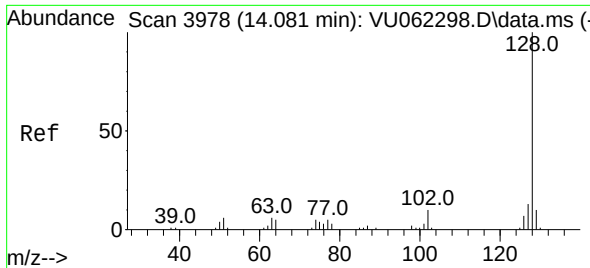
Ion Ratio Lower Upper

180 100

182 95.3 74.5 111.7

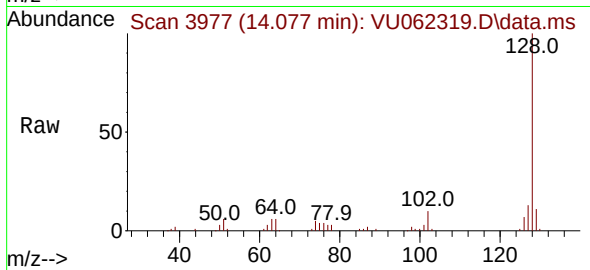
145 33.5 25.6 38.4



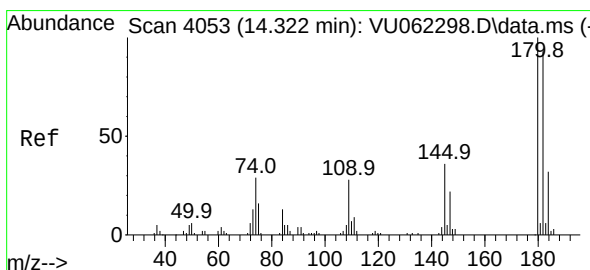
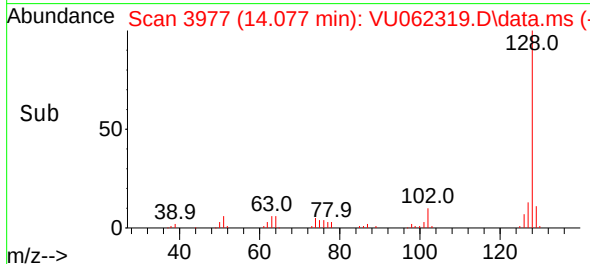
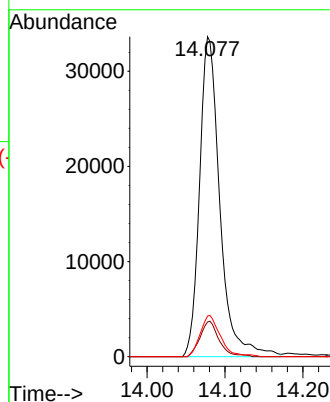


#71
Naphthalene
Concen: 4.274 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 60841
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.746 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062319.D
Acq: 13 Dec 2024 17:48

Tgt Ion:180 Resp: 39671
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
145 34.9 27.4 41.0

