

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062489.D
 Acq On : 19 Dec 2024 21:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:43:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	82685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22911	4.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.908	69	18174	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	11518	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.621	46	46125	43.154	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.300%
24) Chloroform-d	5.052	84	58441	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.692	65	31267	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	97748	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	27027	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.888	98	96494	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.171	79	13399	4.713	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.624	63	35379	41.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23189	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	35335	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	34356	4.436	ug/L	99
3) Chloromethane	1.515	50	23786	3.918	ug/L	100
5) Vinyl chloride	1.599	62	26896	4.255	ug/L	99
6) Bromomethane	1.853	94	20068	4.763	ug/L	100
8) Chloroethane	1.927	64	15299	4.321	ug/L	97
9) Trichlorofluoromethane	2.133	101	55599	5.068	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26931	4.510	ug/L #	88
12) 1,1-Dichloroethene	2.573	96	24344	4.361	ug/L	87
13) Acetone	2.641	43	35237	48.419	ug/L	100
14) Carbon disulfide	2.785	76	69173	3.918	ug/L	99
15) Methyl Acetate	2.953	43	7586	4.159	ug/L #	89
16) Methylene chloride	3.036	84	26929	4.595	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	68329	4.913	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	26219	4.571	ug/L	89
19) 1,1-Dichloroethane	3.856	63	48367	4.600	ug/L	96
21) 2-Butanone	4.702	43	49345	46.689	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	29972	4.662	ug/L	95
23) Bromochloromethane	4.965	128	14543	5.160	ug/L #	74
25) Chloroform	5.078	83	58931	4.976	ug/L	98

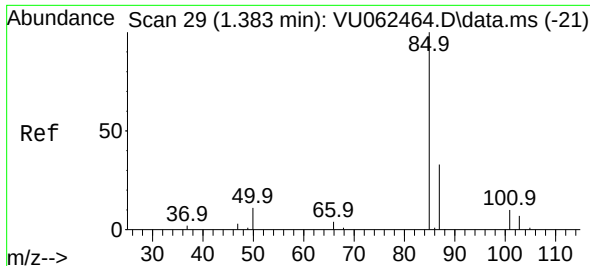
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062489.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	39049	5.189	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	55811	5.062	ug/L	95
30) Cyclohexane	5.377	56	34619	3.872	ug/L	87
31) Carbon tetrachloride	5.512	117	50006	4.946	ug/L	99
33) Benzene	5.763	78	107178	4.413	ug/L	100
34) Trichloroethene	6.531	95	31159	4.529	ug/L	92
35) Methylcyclohexane	6.753	83	41210	4.040	ug/L	95
37) 1,2-Dichloropropane	6.782	63	26035	4.402	ug/L	100
38) Bromodichloromethane	7.097	83	41627	4.988	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	42441	4.476	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	129486	46.708	ug/L #	91
42) Toluene	7.959	91	121071	4.623	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	37708	4.870	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	21804	4.883	ug/L	98
47) Tetrachloroethene	8.544	164	25315	4.765	ug/L	93
48) 2-Hexanone	8.676	43	94664	46.206	ug/L #	92
49) Dibromochloromethane	8.798	129	28482	5.279	ug/L	94
50) 1,2-Dibromoethane	8.917	107	21483	5.007	ug/L	97
51) Chlorobenzene	9.438	112	78445	4.674	ug/L	98
52) Ethylbenzene	9.560	91	135024	4.598	ug/L	99
53) m,p-Xylene	9.685	106	50950	4.699	ug/L	99
54) o-Xylene	10.090	106	50386	4.778	ug/L	100
55) Styrene	10.107	104	84123	4.840	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	24745	4.761	ug/L	97
59) Bromoform	10.283	173	17087	5.384	ug/L	98
60) Isopropylbenzene	10.476	105	138689	4.754	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18598	4.980	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	117058	4.741	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	115618	4.780	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	65148	4.861	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	64429	4.774	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	61430	4.960	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4602	5.649	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	49361	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39461	5.017	ug/L	97
71) Naphthalene	14.081	128	59910	5.072	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	34147	4.923	ug/L	97

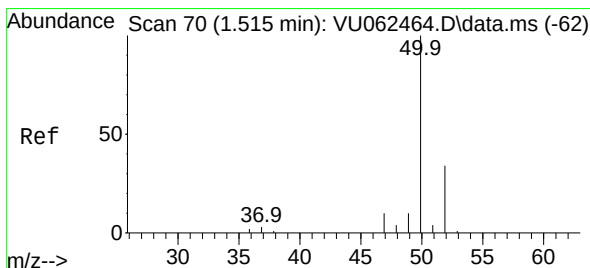
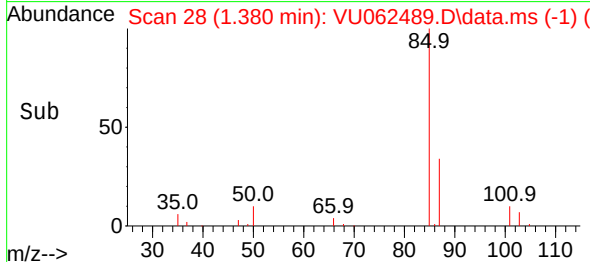
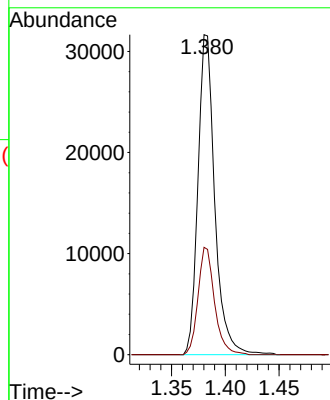
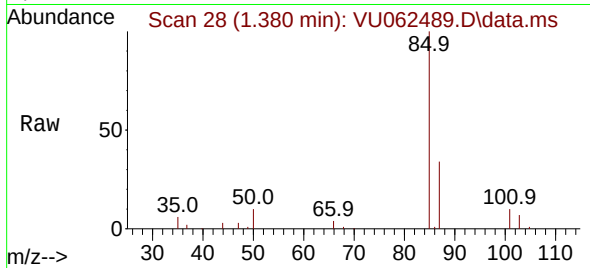
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.436 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

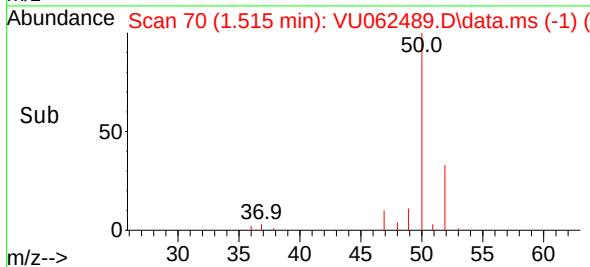
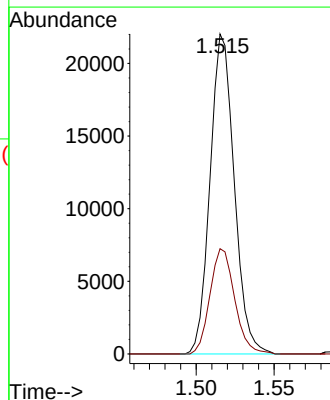
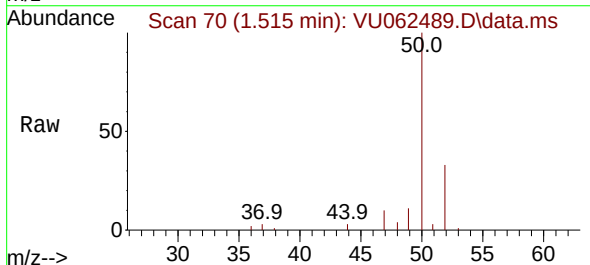
Instrument :
MSVOA_U
ClientSampleId :

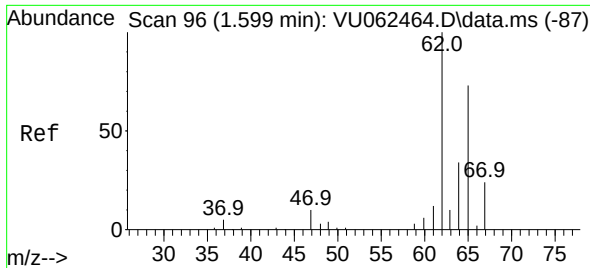
Tgt Ion: 85 Resp: 34356
Ion Ratio Lower Upper
85 100
87 32.9 26.6 40.0



#3
Chloromethane
Concen: 3.918 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

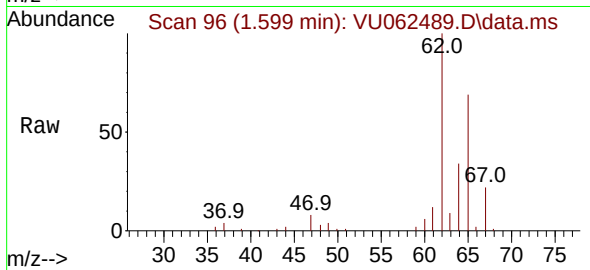
Tgt Ion: 50 Resp: 23786
Ion Ratio Lower Upper
50 100
52 32.9 23.1 42.9



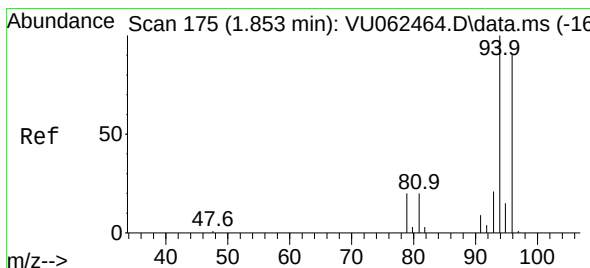
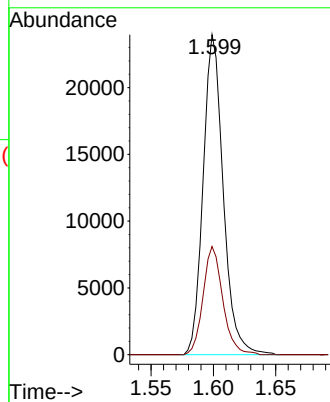
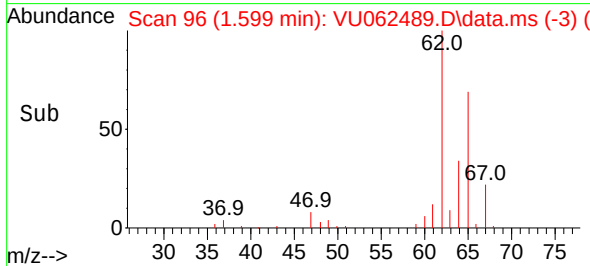


#5
 Vinyl chloride
 Concen: 4.255 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062489.D
 Acq: 19 Dec 2024 21:16

Instrument :
 MSVOA_U
 ClientSampleId :

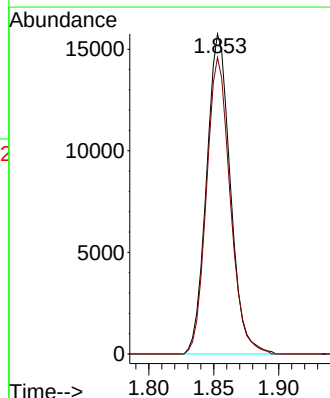
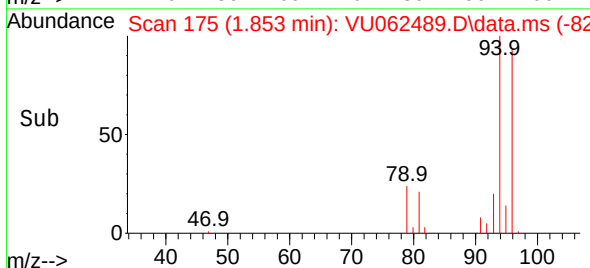
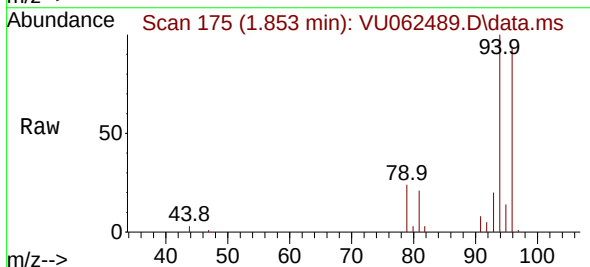


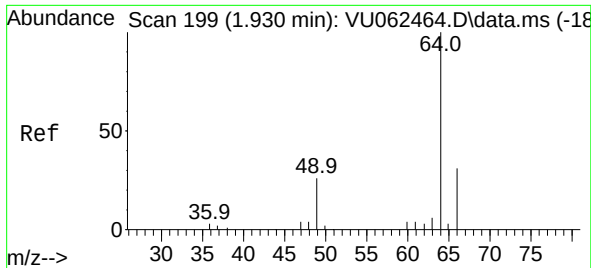
Tgt Ion: 62 Resp: 26896
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#6
 Bromomethane
 Concen: 4.763 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062489.D
 Acq: 19 Dec 2024 21:16

Tgt Ion: 94 Resp: 20068
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.5 119.9

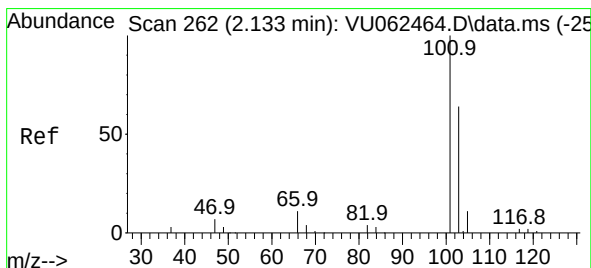
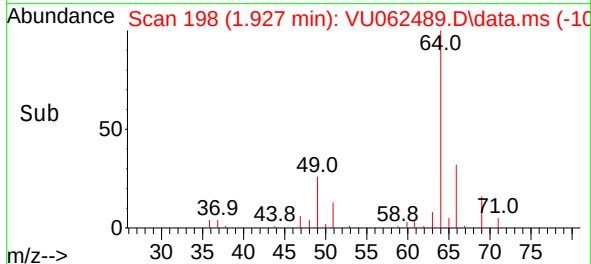
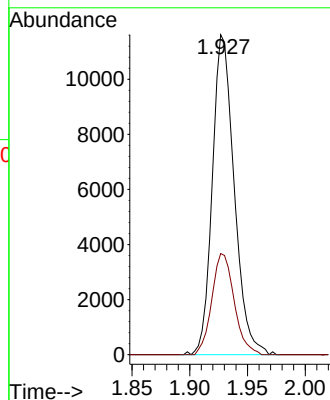
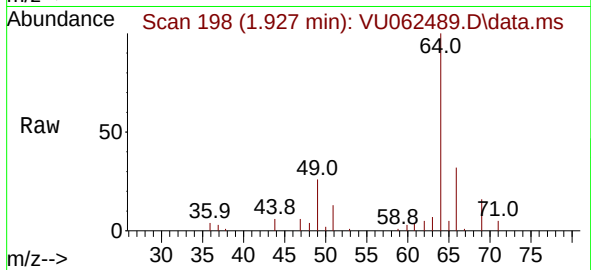




#8
Chloroethane
Concen: 4.321 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

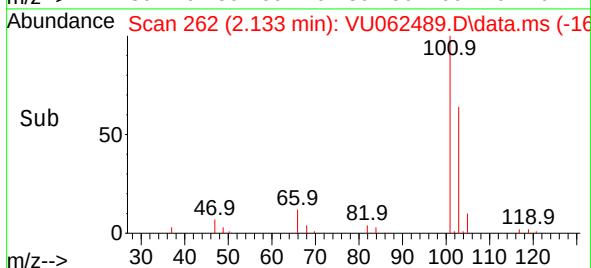
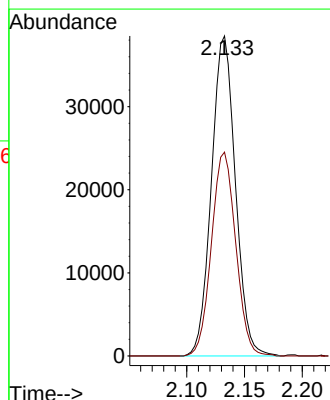
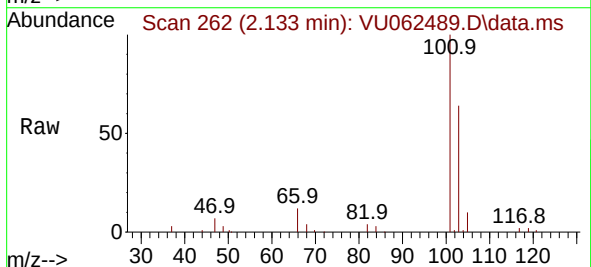
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MSVOA_U
ClientSampleId :

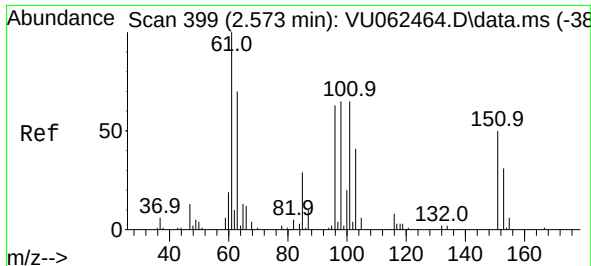
Tgt Ion: 64 Resp: 15299
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.068 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion:101 Resp: 55599
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

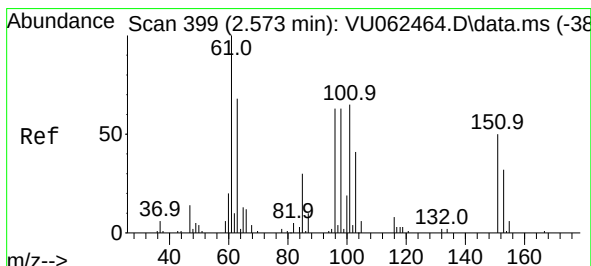
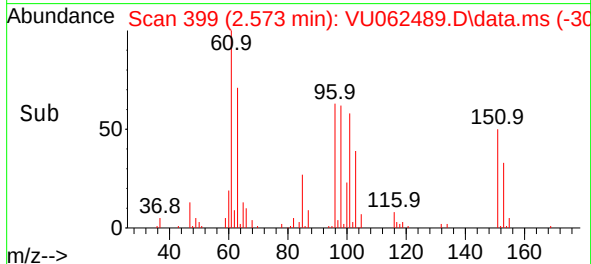
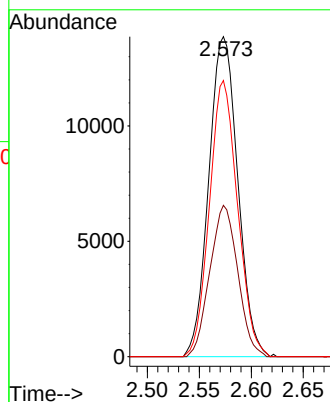
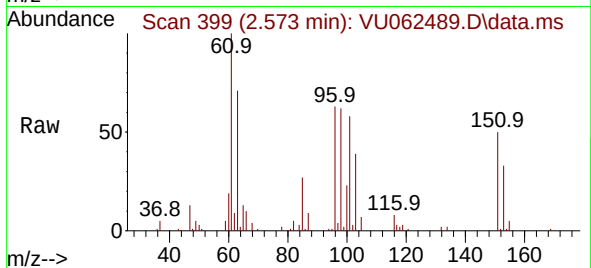




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.510 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

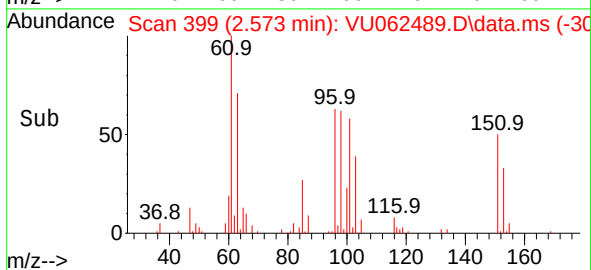
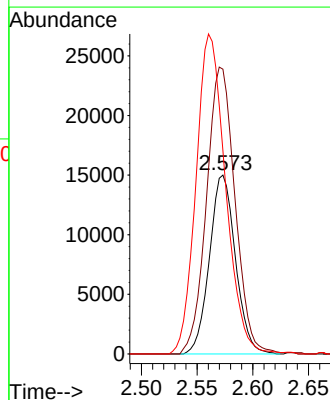
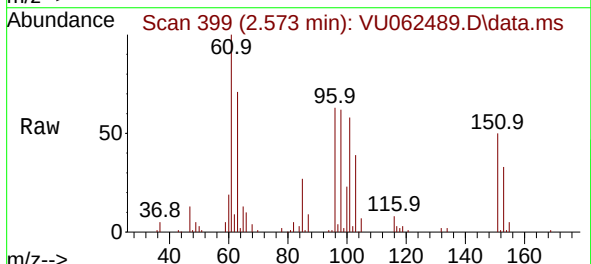
Instrument :
MSVOA_U
ClientSampleId :

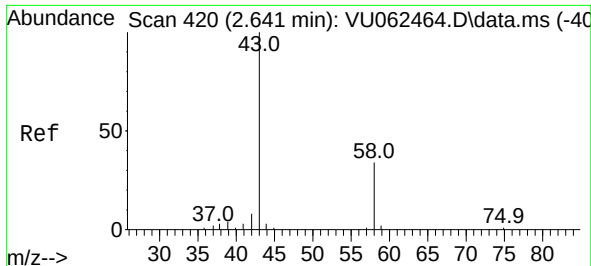
Tgt Ion:101 Resp: 26931
Ion Ratio Lower Upper
101 100
85 45.6 38.0 57.0
151 83.7 55.3 82.9#



#12
1,1-Dichloroethene
Concen: 4.361 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 96 Resp: 24344
Ion Ratio Lower Upper
96 100
61 159.2 119.6 222.2
63 113.6 65.0 120.6





#13

Acetone

Concen: 48.419 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

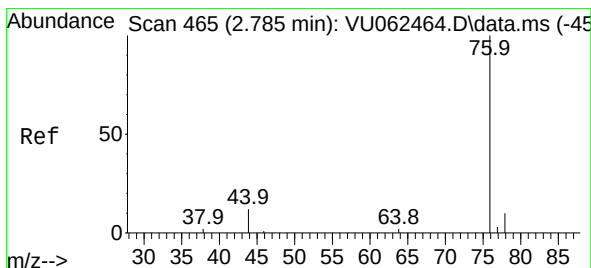
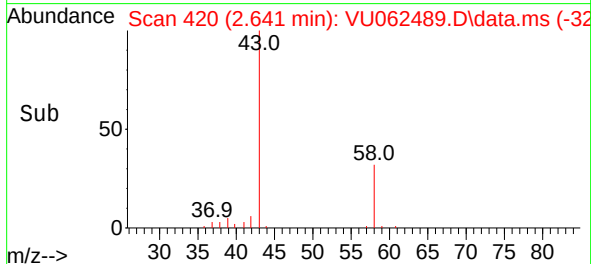
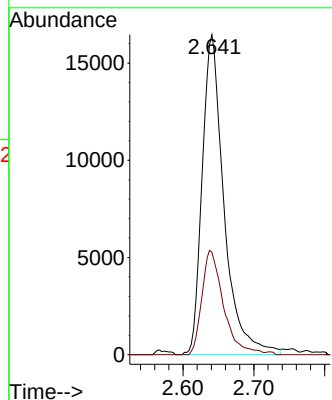
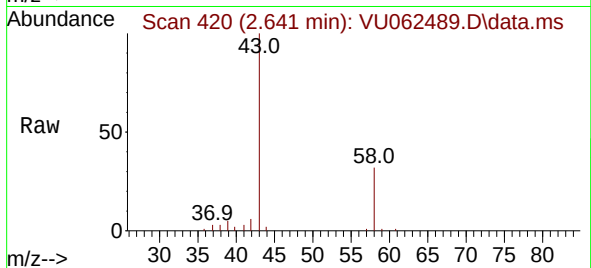
ClientSampleId :

Tgt Ion: 43 Resp: 35237

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#14

Carbon disulfide

Concen: 3.918 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062489.D

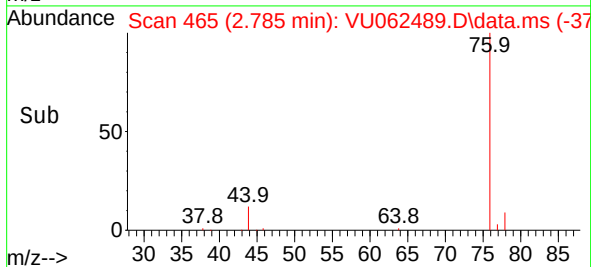
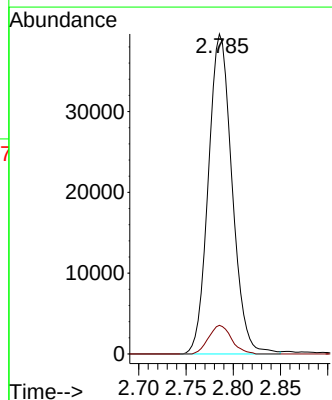
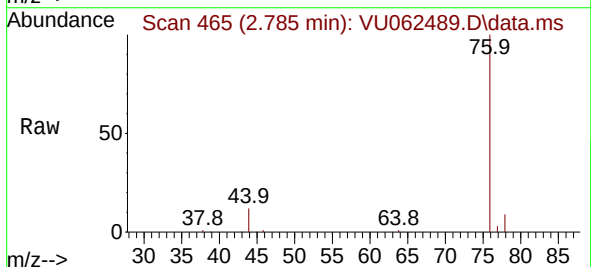
Acq: 19 Dec 2024 21:16

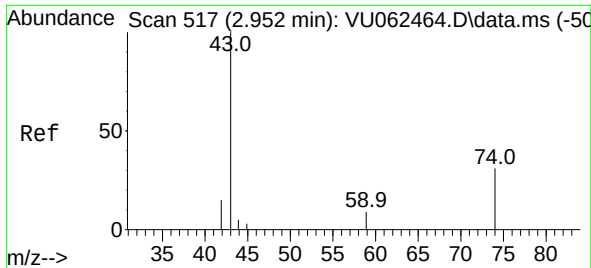
Tgt Ion: 76 Resp: 69173

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

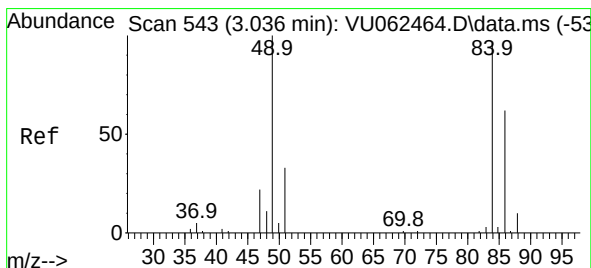
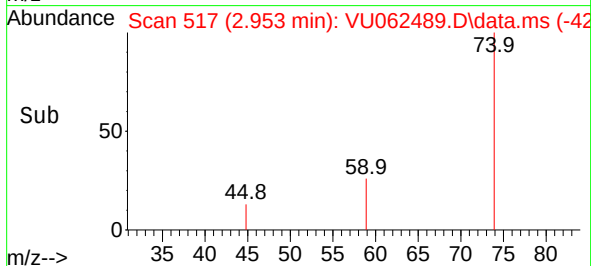
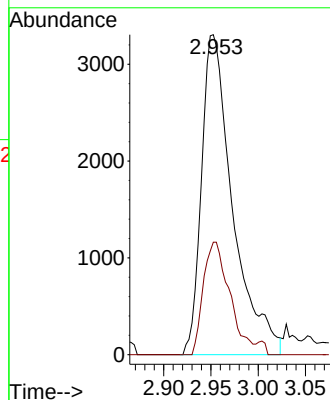
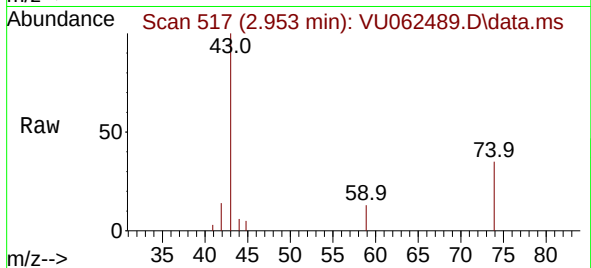




#15
Methyl Acetate
Concen: 4.159 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

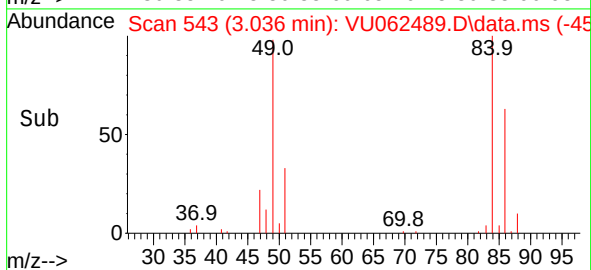
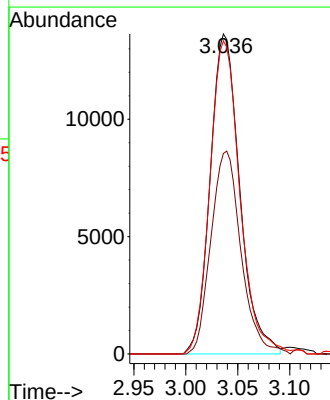
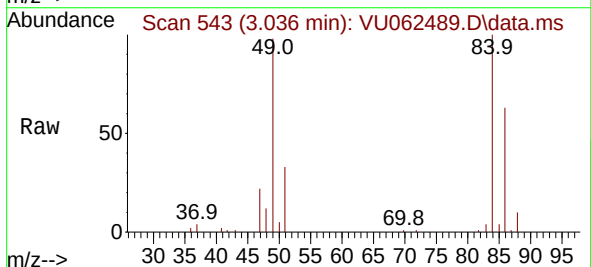
Instrument :
MSVOA_U
ClientSampleId :

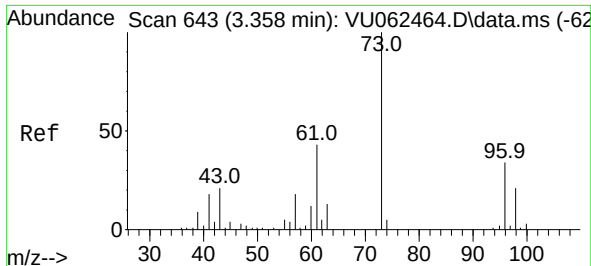
Tgt Ion: 43 Resp: 7586
Ion Ratio Lower Upper
43 100
74 29.9 19.4 29.2#



#16
Methylene chloride
Concen: 4.595 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 84 Resp: 26929
Ion Ratio Lower Upper
84 100
86 62.7 43.5 80.7
49 97.9 81.9 152.1

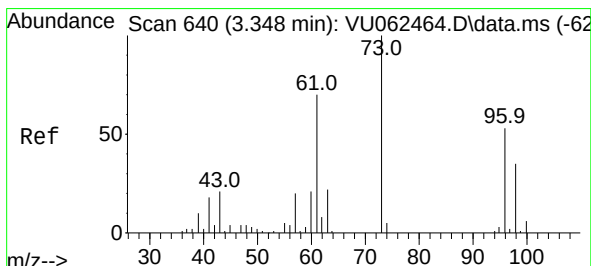
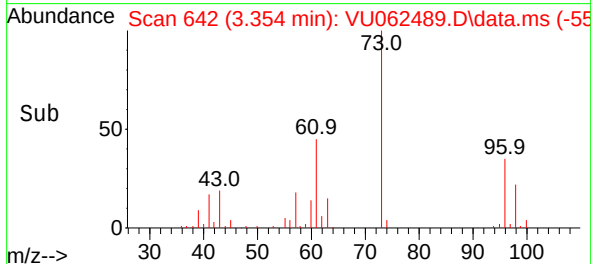
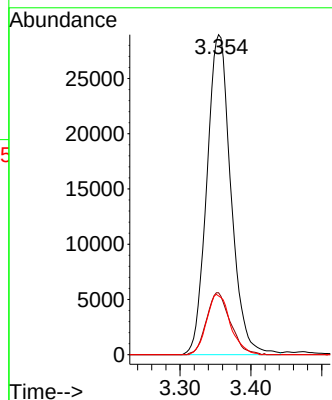
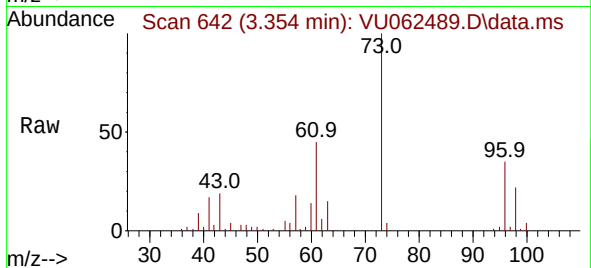




#17
Methyl tert-butyl Ether
Concen: 4.913 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

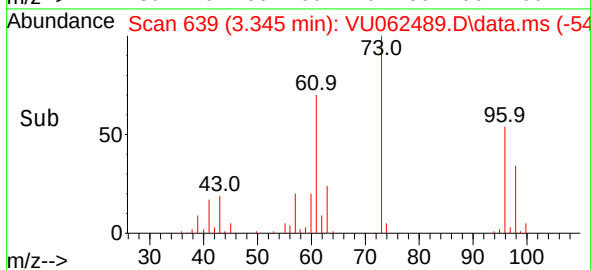
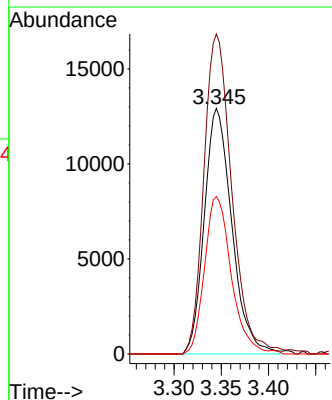
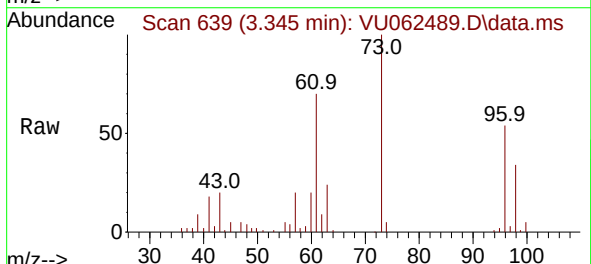
Instrument :
MSVOA_U
ClientSampleId :

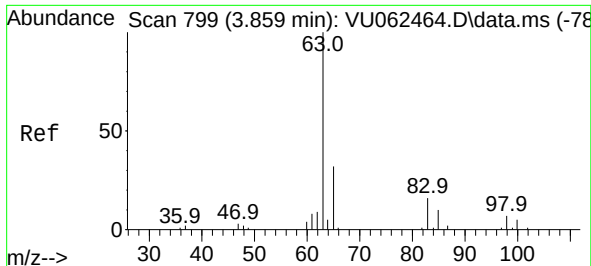
Tgt Ion: 73 Resp: 68329
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5
57 18.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.571 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 96 Resp: 26219
Ion Ratio Lower Upper
96 100
61 130.3 104.2 193.4
98 64.1 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.600 ug/L

RT: 3.856 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

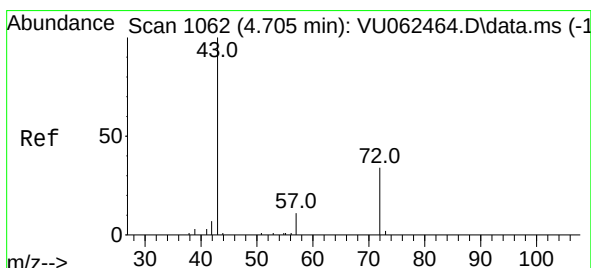
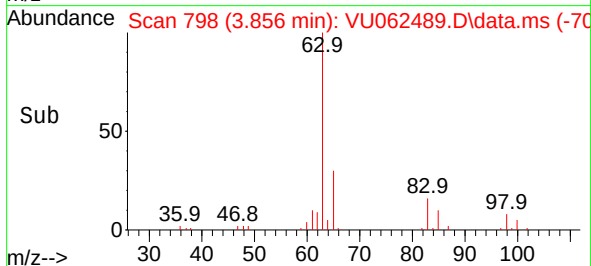
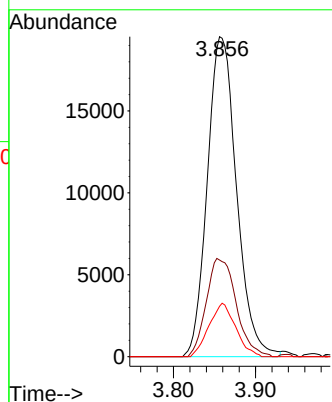
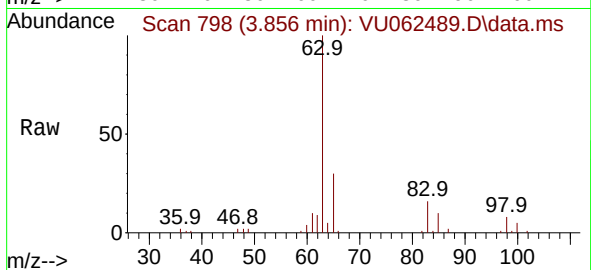
Tgt Ion: 63 Resp: 48367

Ion Ratio Lower Upper

63 100

65 30.2 22.7 42.3

83 15.8 9.9 18.3



#21

2-Butanone

Concen: 46.689 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. -0.003 min

Lab File: VU062489.D

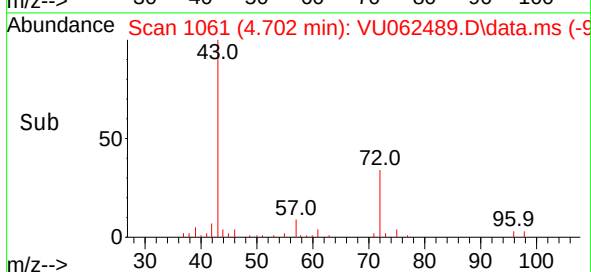
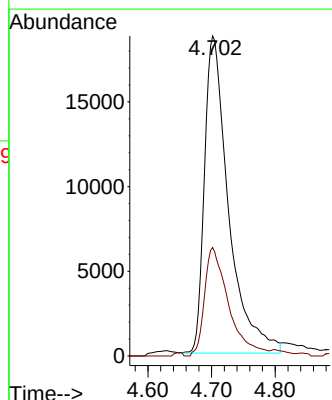
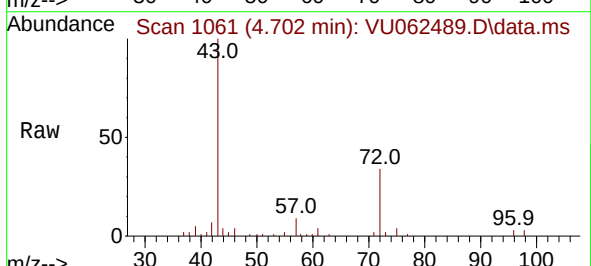
Acq: 19 Dec 2024 21:16

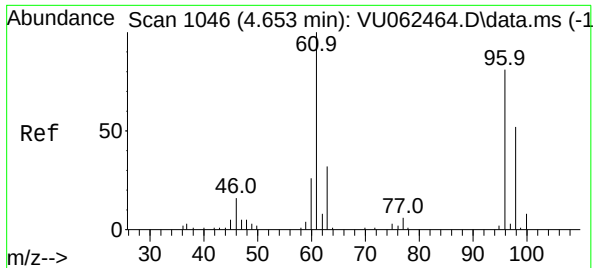
Tgt Ion: 43 Resp: 49345

Ion Ratio Lower Upper

43 100

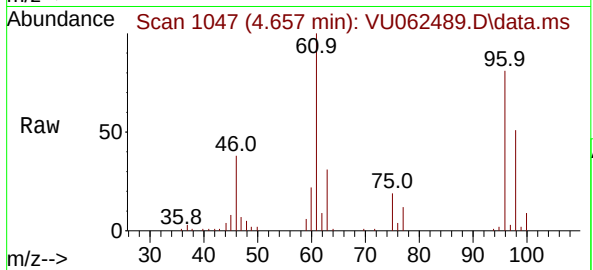
72 34.2 14.8 44.4



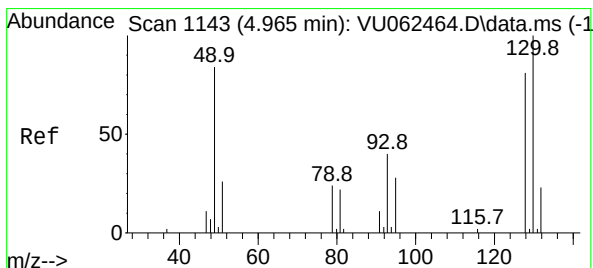
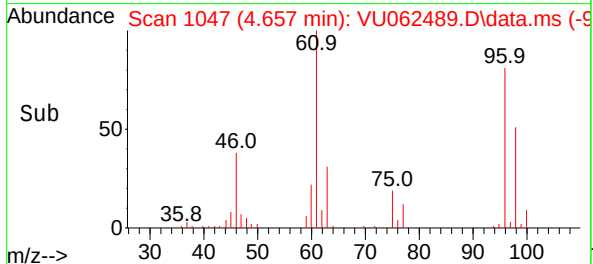
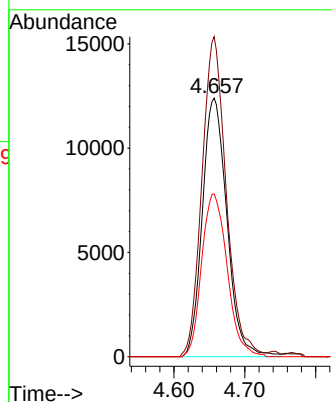


#22
 cis-1,2-Dichloroethene
 Concen: 4.662 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU062489.D
 Acq: 19 Dec 2024 21:16

Instrument :
 MSVOA_U
 ClientSampleId :

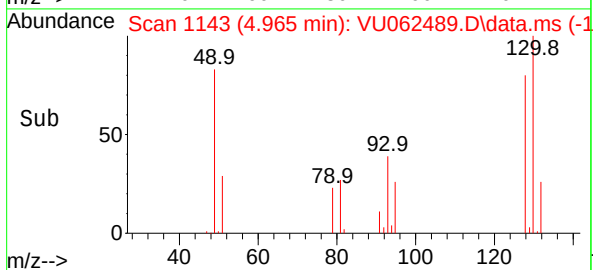
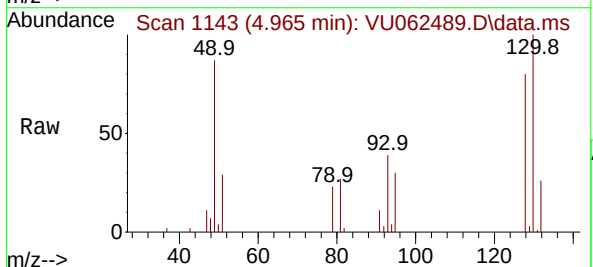
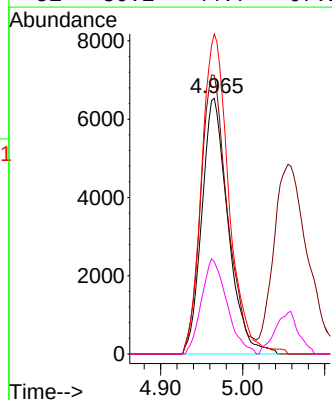


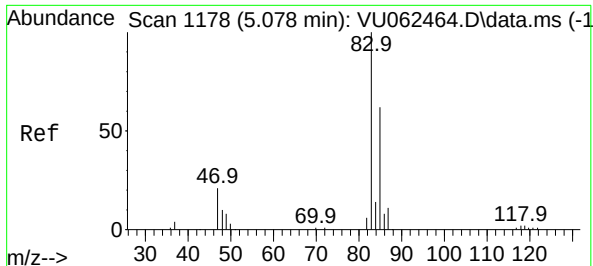
Tgt Ion: 96	Resp: 29972
Ion Ratio	Lower Upper
96	100
61	123.7 92.0 170.8
98	62.9 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.160 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU062489.D
 Acq: 19 Dec 2024 21:16

Tgt Ion: 128	Resp: 14543
Ion Ratio	Lower Upper
128	100
49	109.1 115.3 214.1#
130	125.2 92.0 170.8
51	36.2 44.7 67.1#

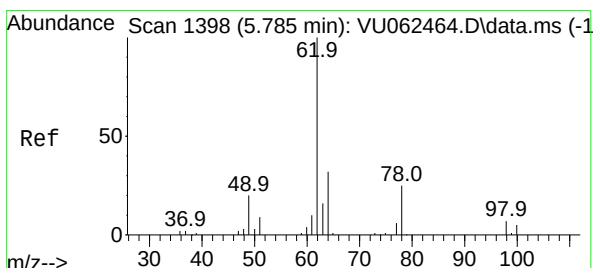
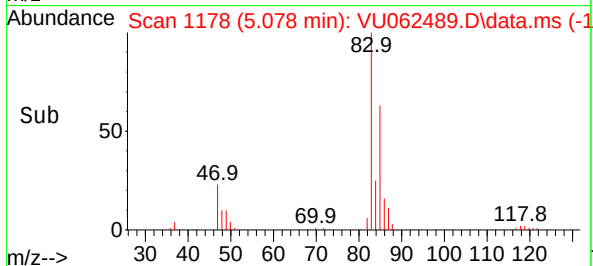
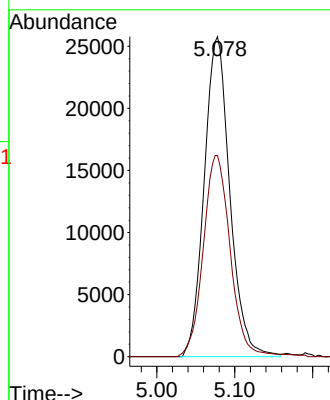
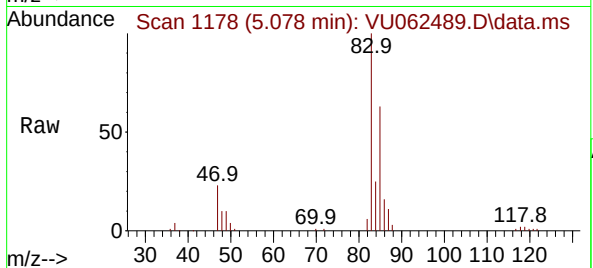




#25
Chloroform
Concen: 4.976 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

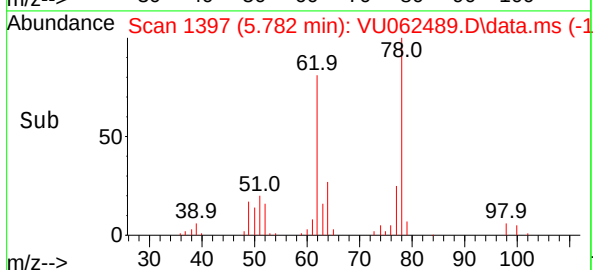
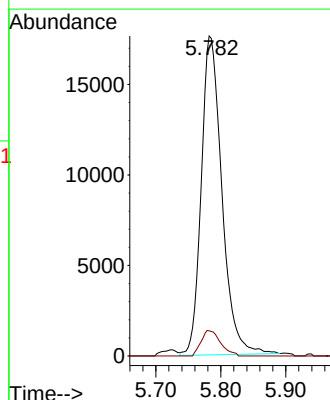
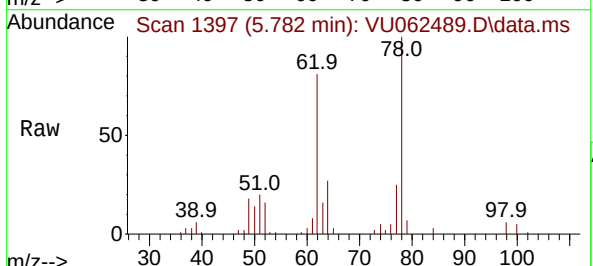
Instrument :
MSVOA_U
ClientSampleId :

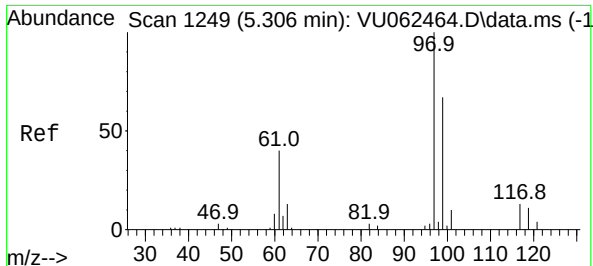
Tgt Ion: 83 Resp: 58931
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.189 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 62 Resp: 39049
Ion Ratio Lower Upper
62 100
98 7.9 7.4 11.0

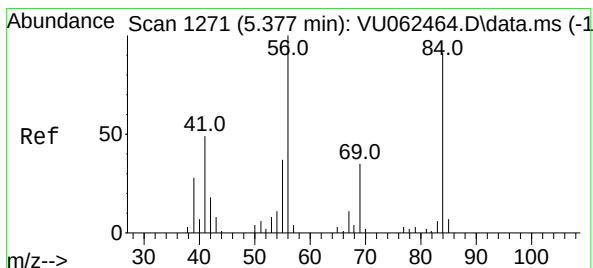
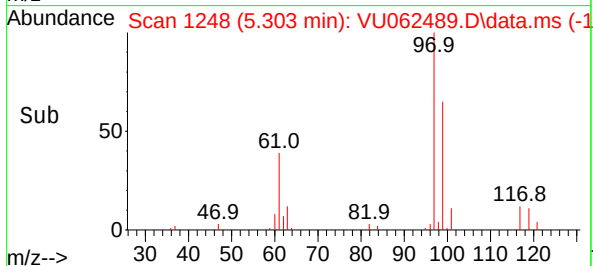
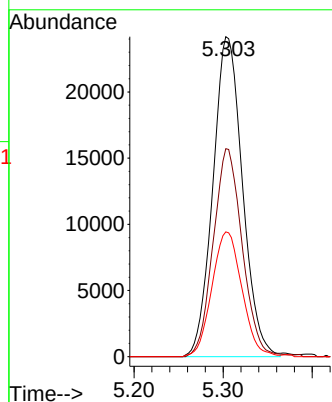
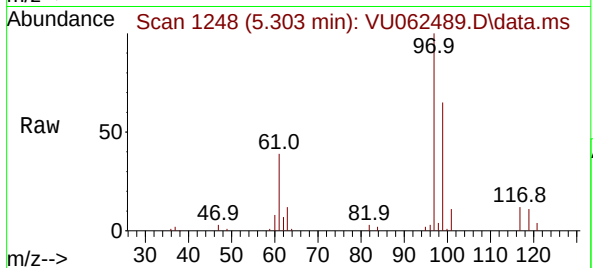




#29
1,1,1-Trichloroethane
Concen: 5.062 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

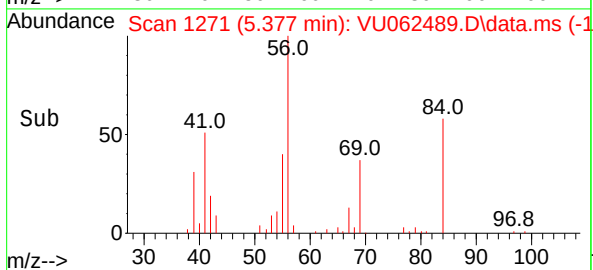
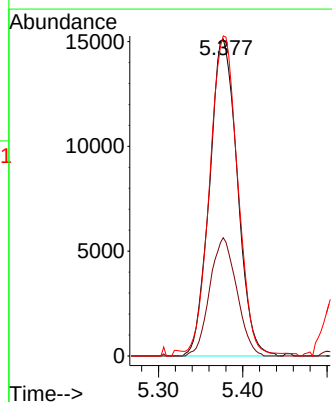
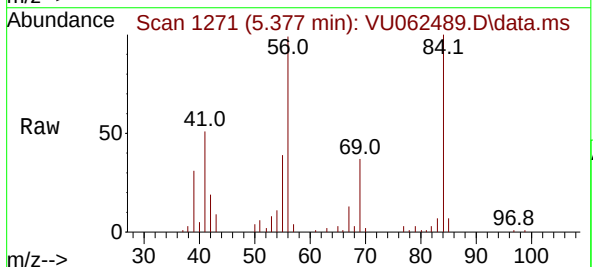
Instrument :
MSVOA_U
ClientSampleId :

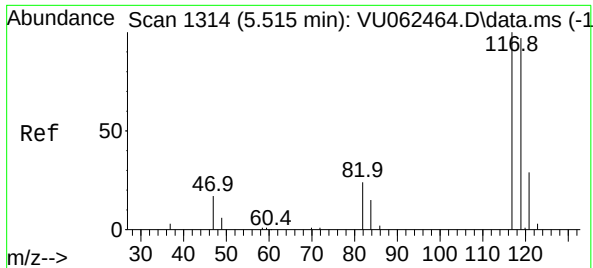
Tgt Ion: 97 Resp: 55811
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 39.5 37.8 56.6



#30
Cyclohexane
Concen: 3.872 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 56 Resp: 34619
Ion Ratio Lower Upper
56 100
69 36.2 25.1 37.7
84 102.3 70.6 105.8

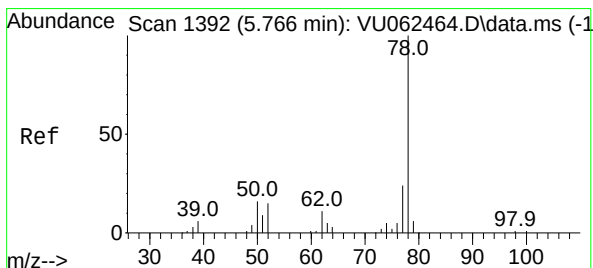
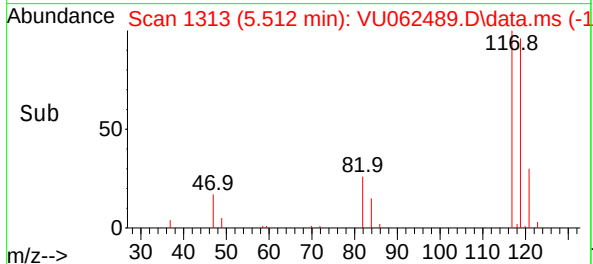
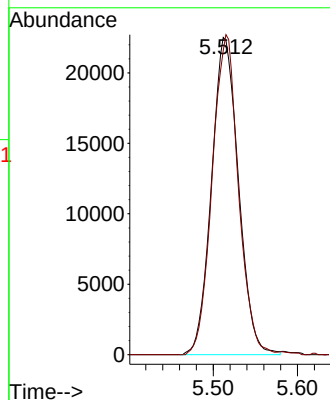
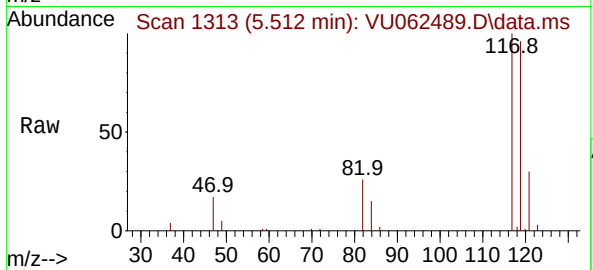




#31
Carbon tetrachloride
Concen: 4.946 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

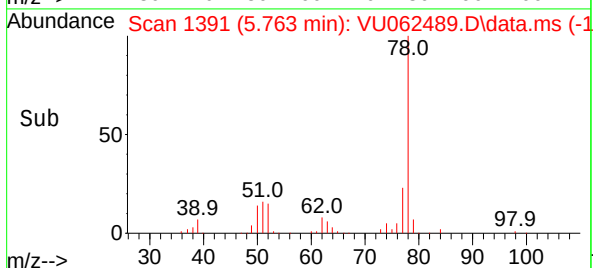
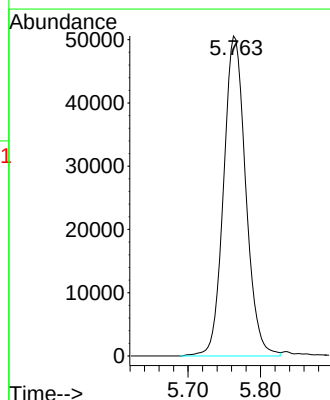
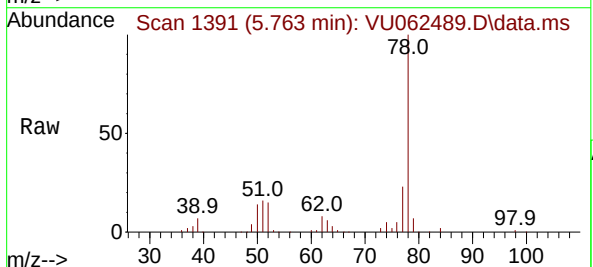
Instrument :
MSVOA_U
ClientSampleId :

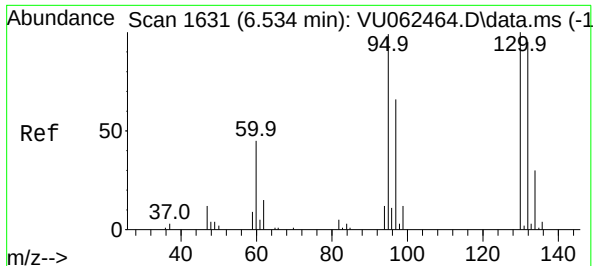
Tgt Ion:117 Resp: 50006
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 4.413 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 78 Resp: 107178

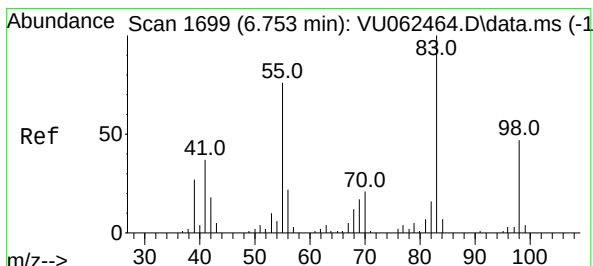
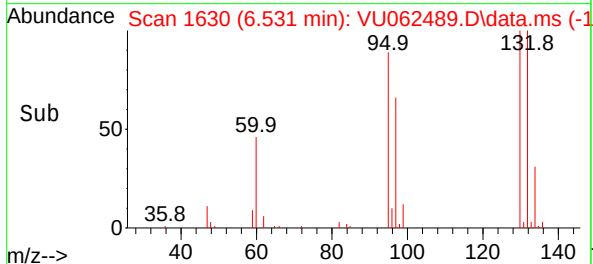
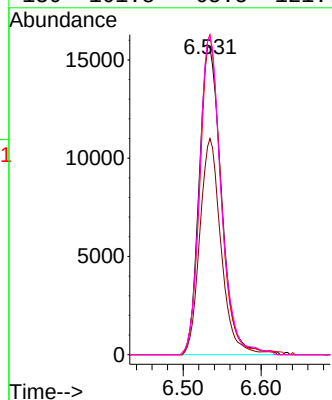
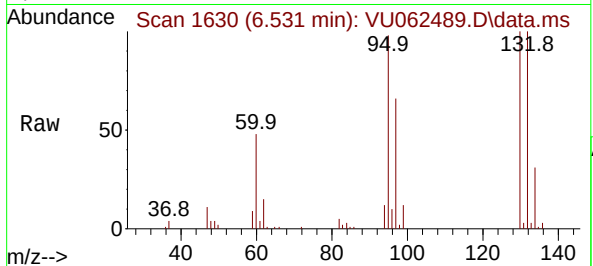




#34
Trichloroethene
Concen: 4.529 ug/L
RT: 6.531 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

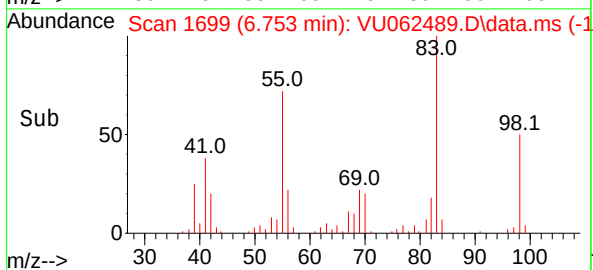
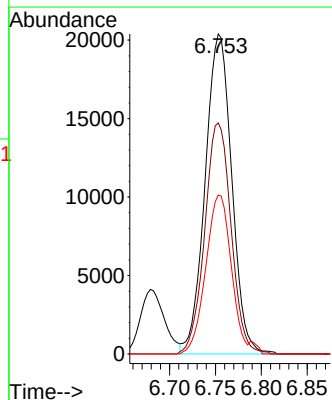
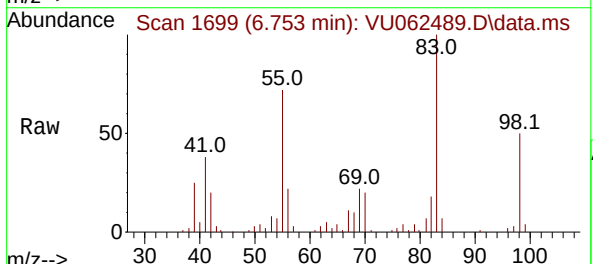
Instrument :
MSVOA_U
ClientSampleId :

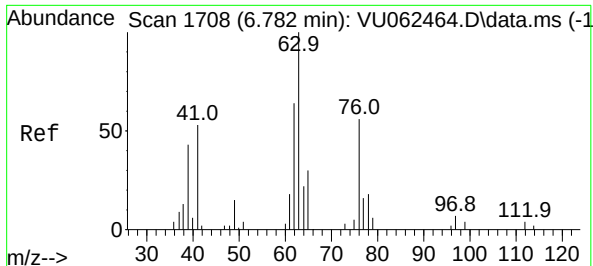
Tgt Ion: 95 Resp: 31159
Ion Ratio Lower Upper
95 100
97 67.6 45.9 85.3
132 102.1 63.8 118.4
130 101.8 65.5 121.7



#35
Methylcyclohexane
Concen: 4.040 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 83 Resp: 41210
Ion Ratio Lower Upper
83 100
55 71.5 60.7 91.1
98 47.3 34.8 52.2

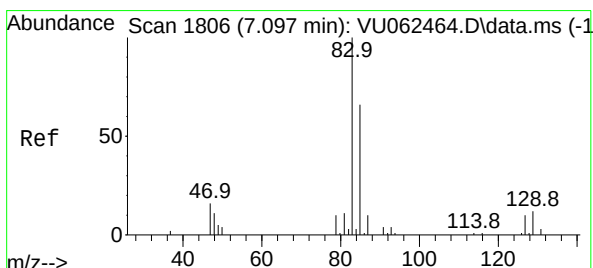
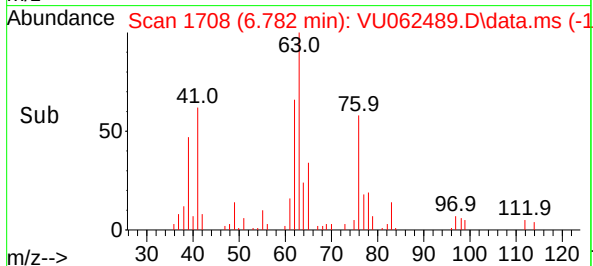
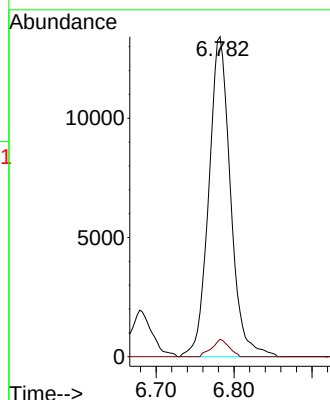
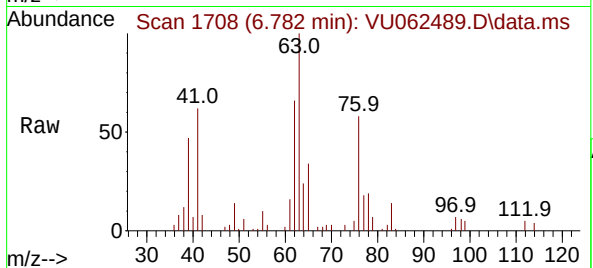




#37
1,2-Dichloropropane
Concen: 4.402 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

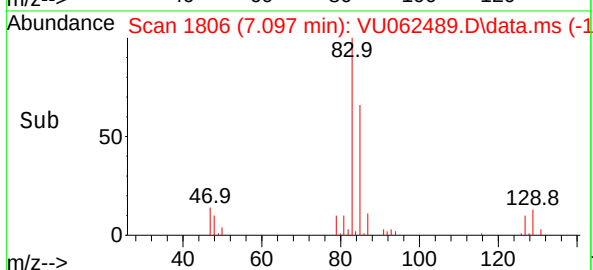
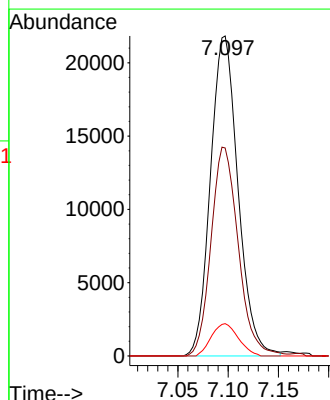
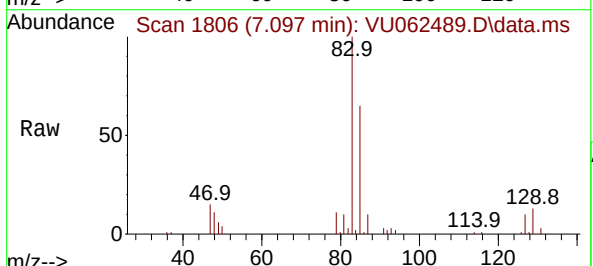
Instrument :
MSVOA_U
ClientSampleId :

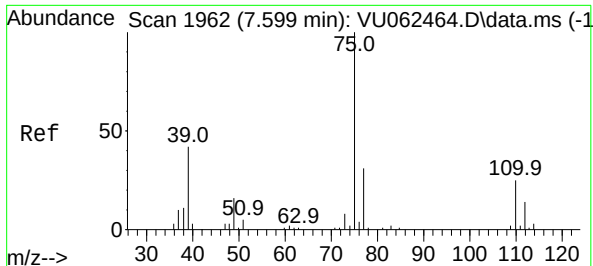
Tgt Ion: 63 Resp: 26035
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 4.988 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 83 Resp: 41627
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9
127 10.1 6.9 10.3

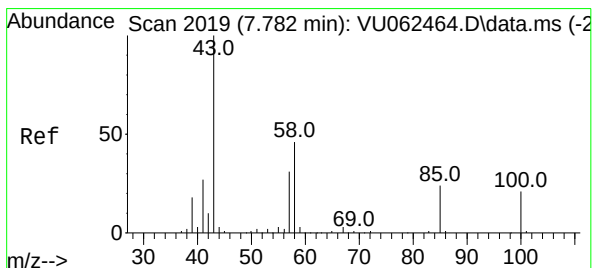
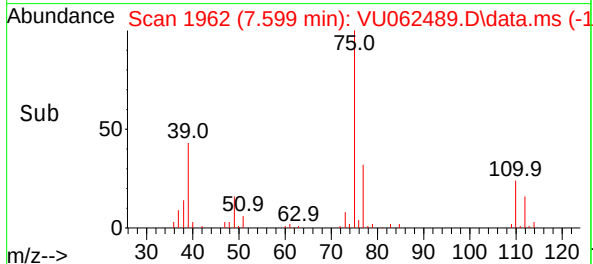
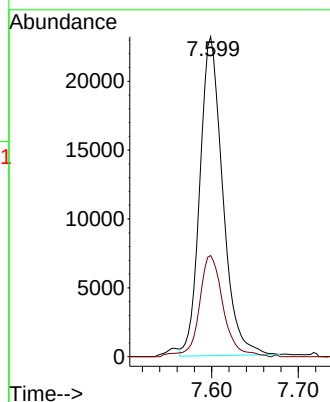
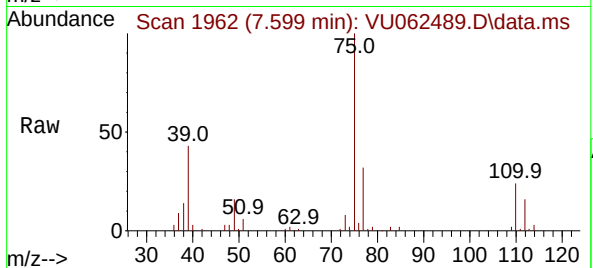




#39
 cis-1,3-Dichloropropene
 Concen: 4.476 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062489.D
 Acq: 19 Dec 2024 21:16

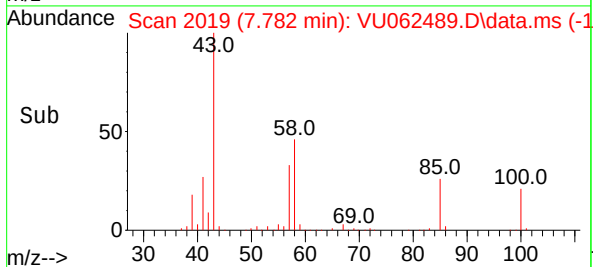
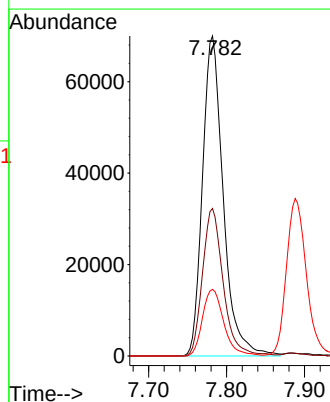
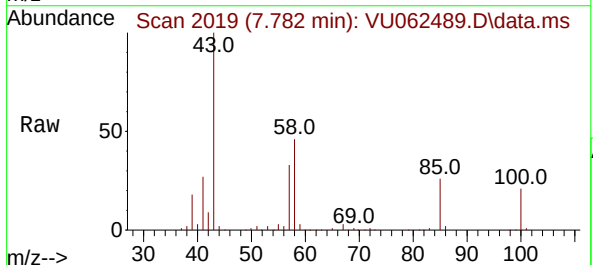
Instrument :
 MSVOA_U
 ClientSampleId :

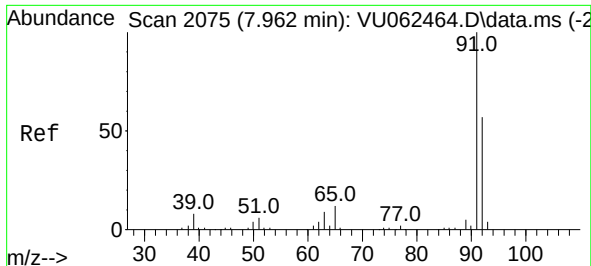
Tgt Ion: 75 Resp: 42441
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.708 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062489.D
 Acq: 19 Dec 2024 21:16

Tgt Ion: 43 Resp: 129486
 Ion Ratio Lower Upper
 43 100
 58 46.0 33.3 49.9
 100 21.3 12.4 18.6#





#42

Toluene

Concen: 4.623 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

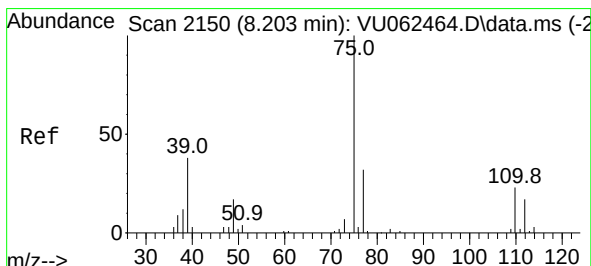
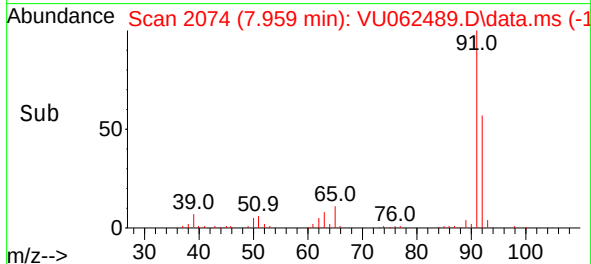
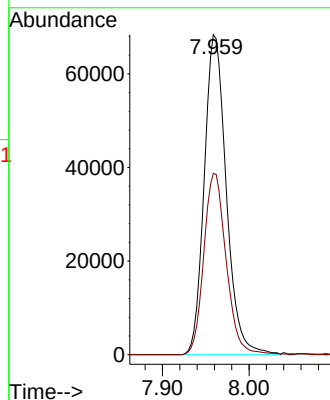
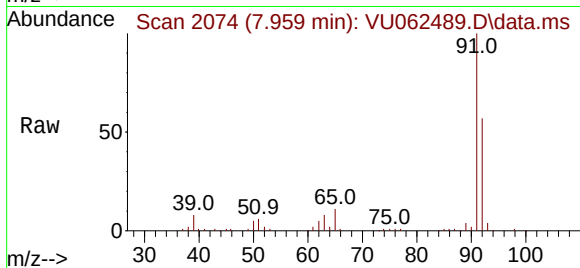
ClientSampleId :

Tgt Ion: 91 Resp: 121071

Ion Ratio Lower Upper

91 100

92 56.7 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.870 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062489.D

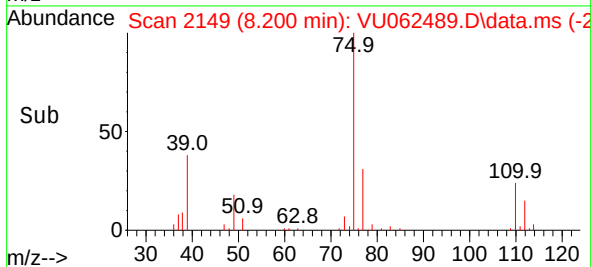
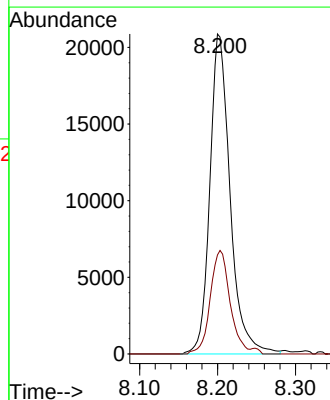
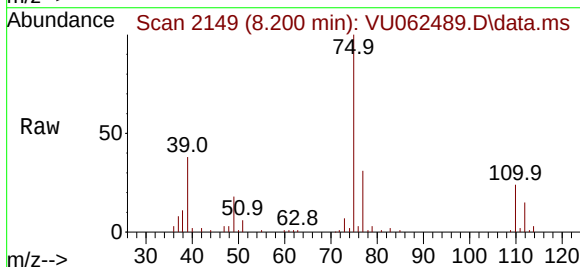
Acq: 19 Dec 2024 21:16

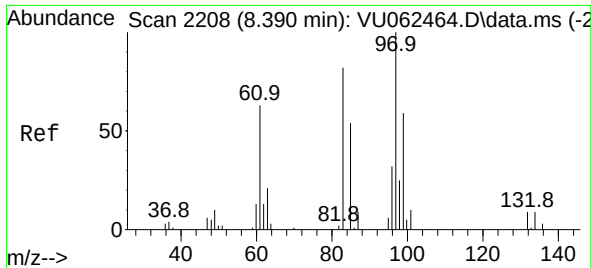
Tgt Ion: 75 Resp: 37708

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4

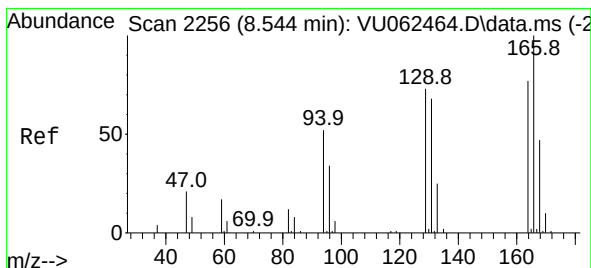
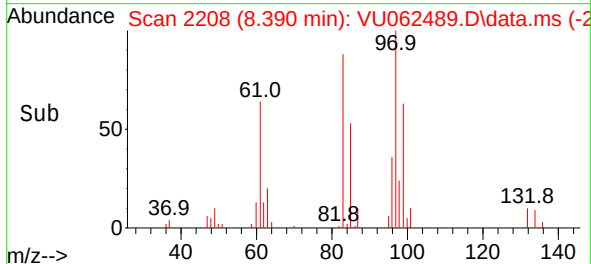
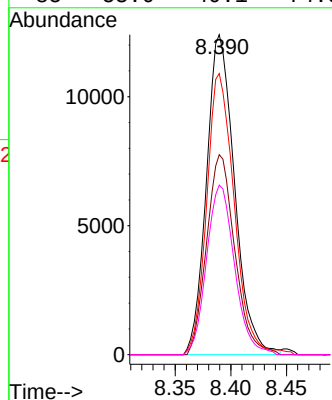
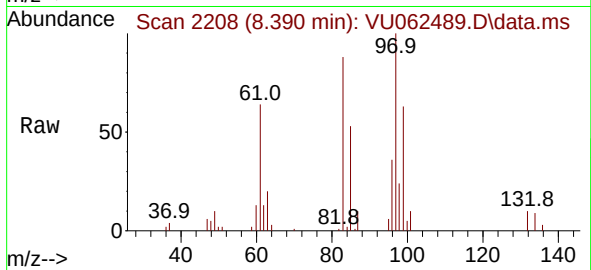




#45
1,1,2-Trichloroethane
Concen: 4.883 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

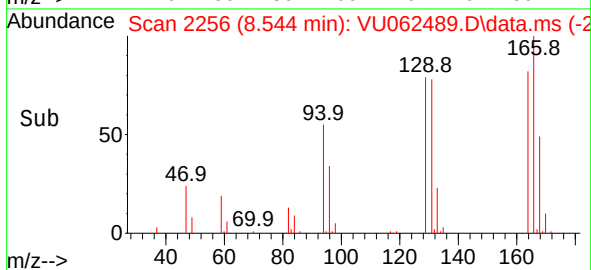
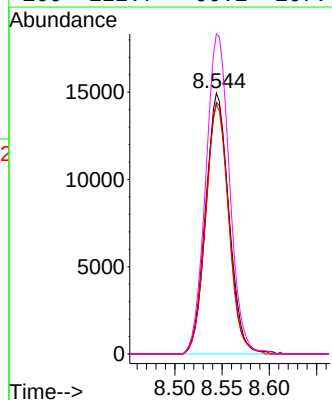
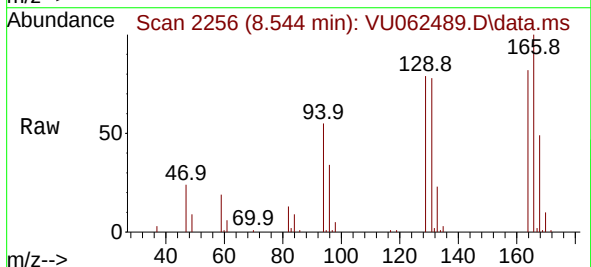
Instrument :
MSVOA_U
ClientSampleId :

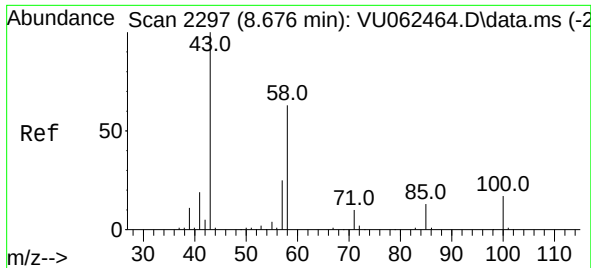
Tgt Ion:	97	Resp:	21804
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.0	79.8
83	87.9	61.7	114.5
85	53.0	40.1	74.5



#47
Tetrachloroethene
Concen: 4.765 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

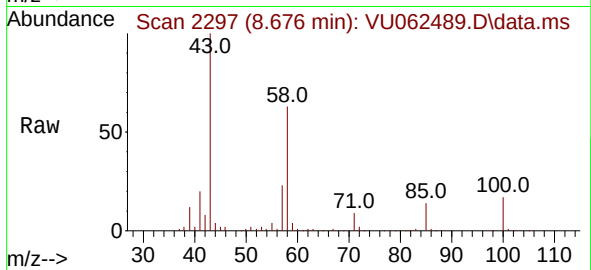
Tgt Ion:	164	Resp:	25315
Ion	Ratio	Lower	Upper
164	100		
129	96.5	73.2	136.0
131	95.6	72.3	134.3
166	122.7	90.2	167.4



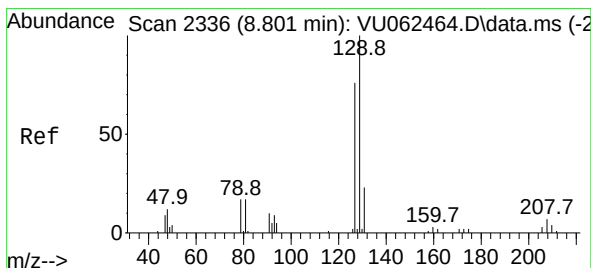
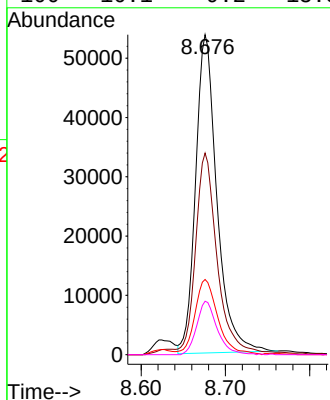
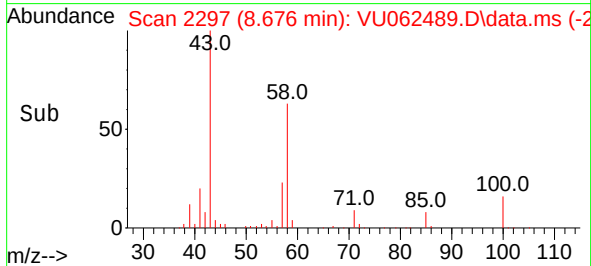


#48
2-Hexanone
Concen: 46.206 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Instrument :
MSVOA_U
ClientSampleId :

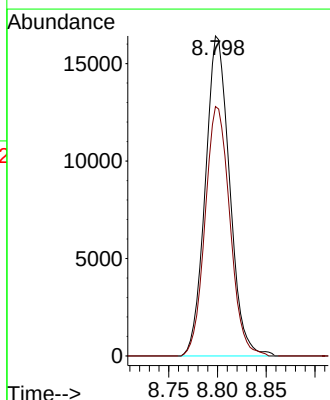
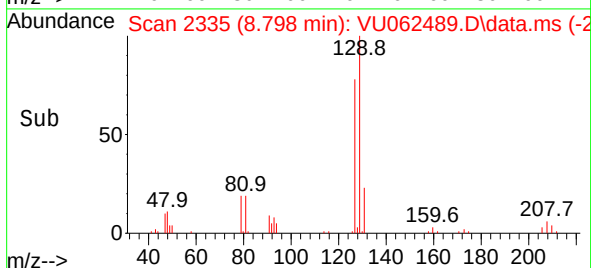
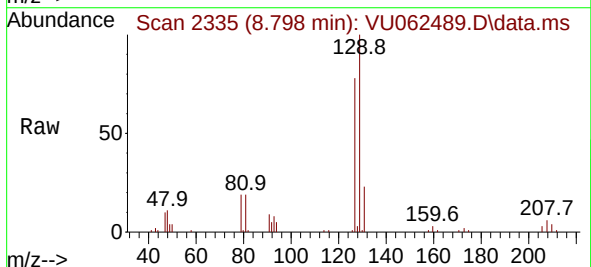


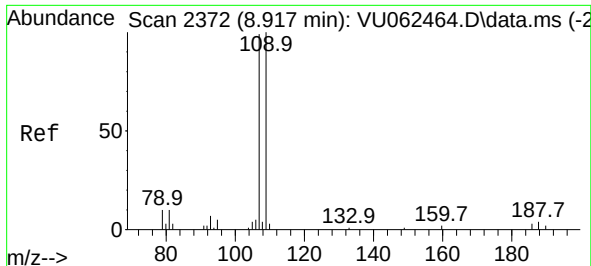
Tgt Ion:	43	Resp:	94664
Ion Ratio	Lower	Upper	
43	100		
58	63.8	47.5	71.3
57	25.5	15.6	23.4#
100	16.1	9.2	13.8#



#49
Dibromochloromethane
Concen: 5.279 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion:	129	Resp:	28482
Ion Ratio	Lower	Upper	
129	100		
127	77.9	51.1	94.9

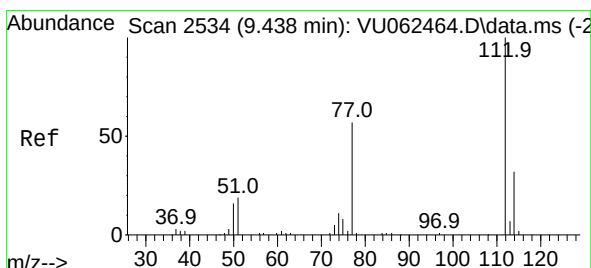
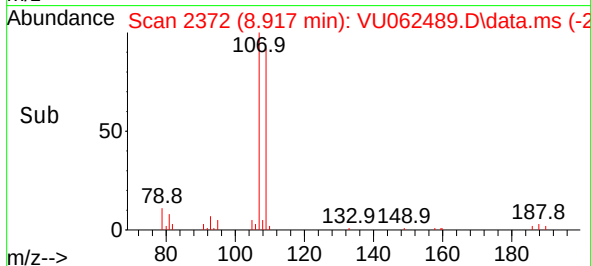
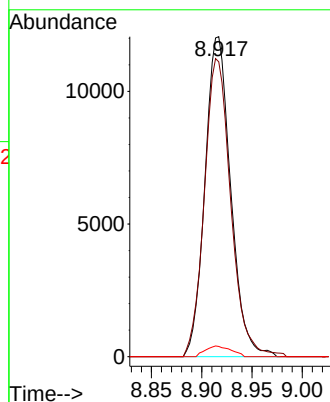
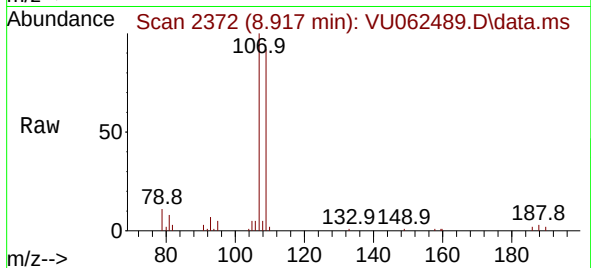




#50
1,2-Dibromoethane
Concen: 5.007 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

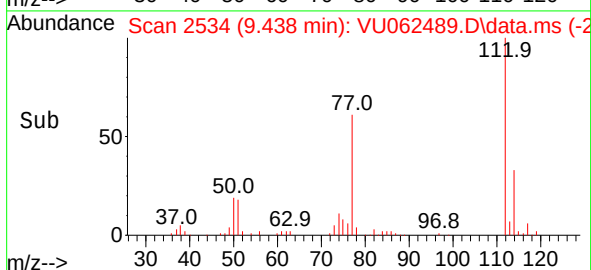
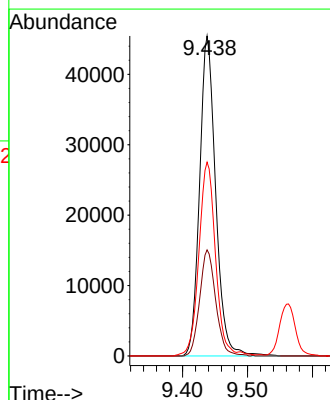
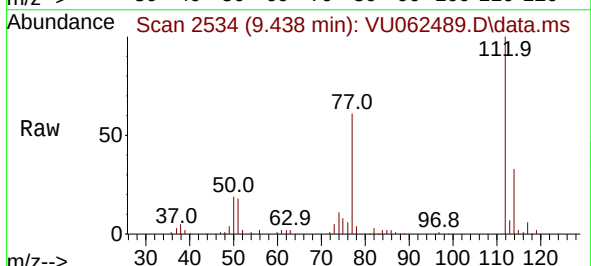
Instrument :
MSVOA_U
ClientSampleId :

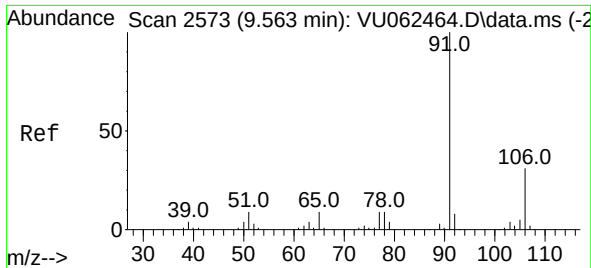
Tgt Ion:107 Resp: 21483
Ion Ratio Lower Upper
107 100
109 92.1 66.8 124.2
188 3.2 2.3 3.5



#51
Chlorobenzene
Concen: 4.674 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion:112 Resp: 78445
Ion Ratio Lower Upper
112 100
114 33.1 23.0 42.6
77 60.6 50.5 75.7





#52

Ethylbenzene

Concen: 4.598 ug/L

RT: 9.560 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

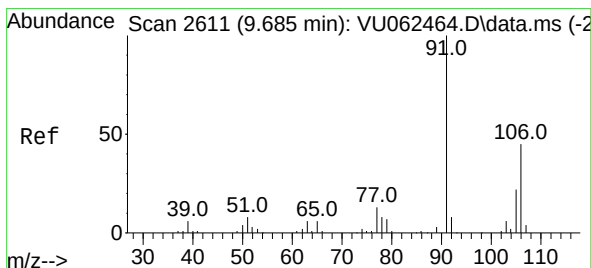
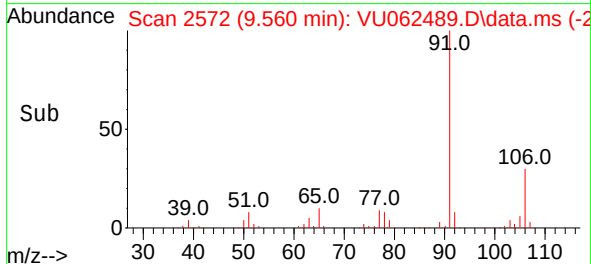
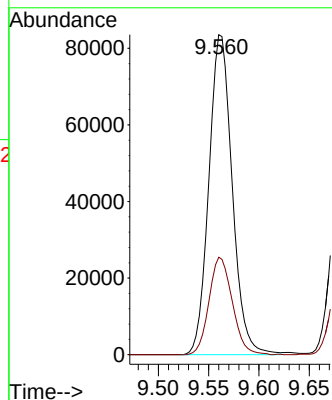
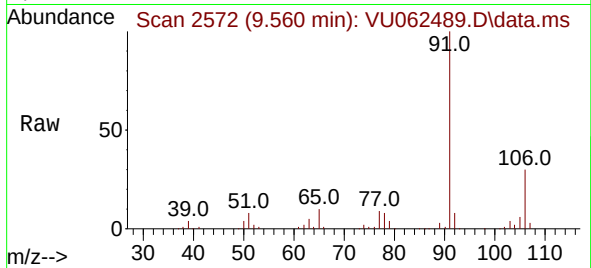
ClientSampleId :

Tgt Ion: 91 Resp: 135024

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 4.699 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU062489.D

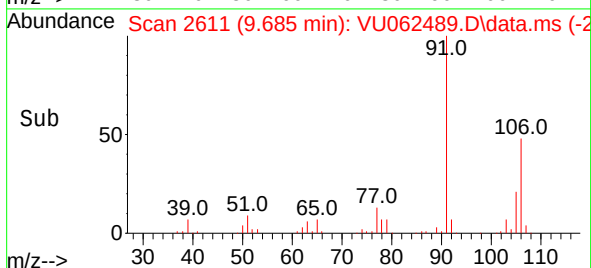
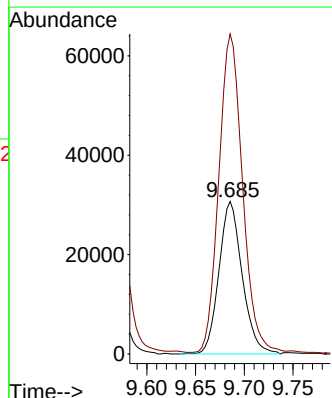
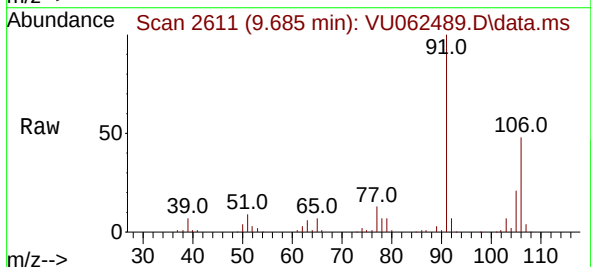
Acq: 19 Dec 2024 21:16

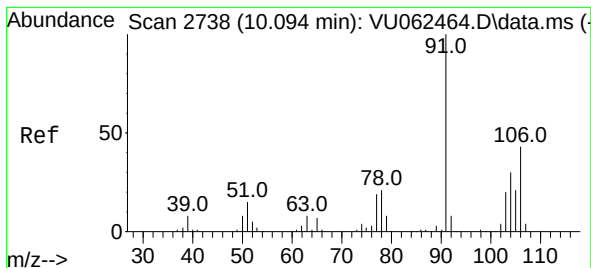
Tgt Ion:106 Resp: 50950

Ion Ratio Lower Upper

106 100

91 209.9 147.6 274.0





#54

o-Xylene

Concen: 4.778 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

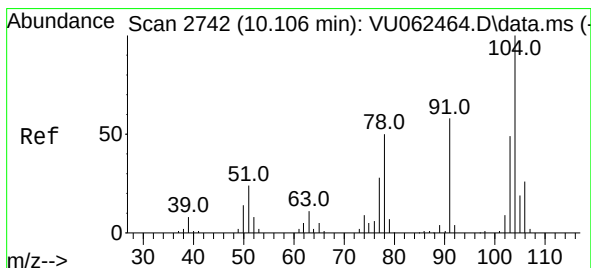
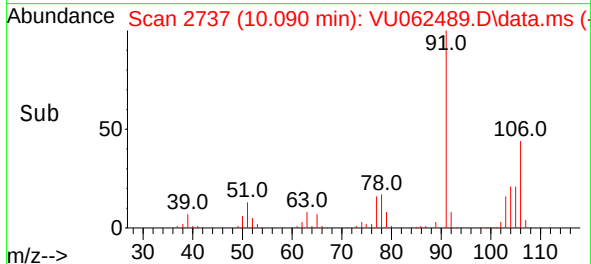
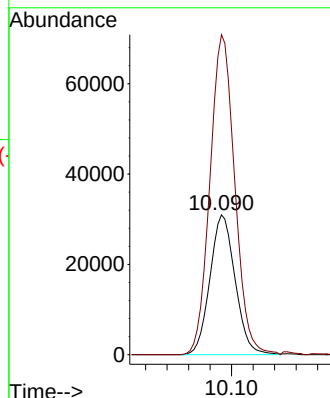
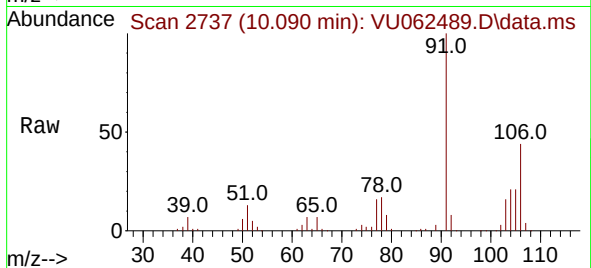
ClientSampleId :

Tgt Ion:106 Resp: 50386

Ion Ratio Lower Upper

106 100

91 228.9 159.8 296.8



#55

Styrene

Concen: 4.840 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU062489.D

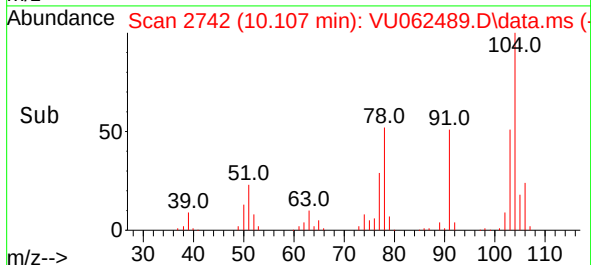
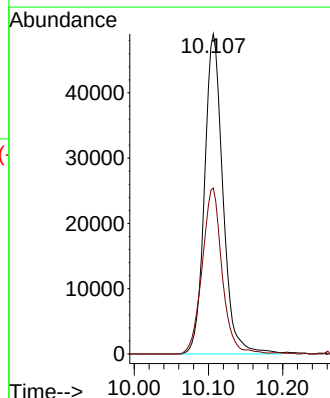
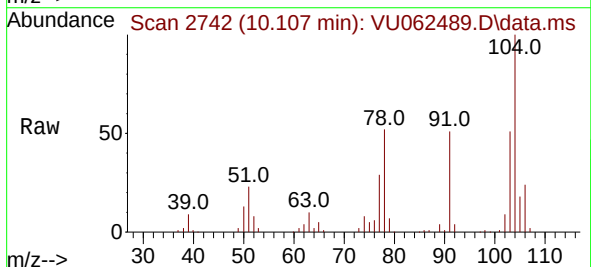
Acq: 19 Dec 2024 21:16

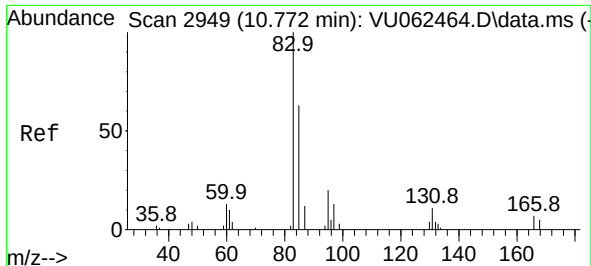
Tgt Ion:104 Resp: 84123

Ion Ratio Lower Upper

104 100

78 51.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.761 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

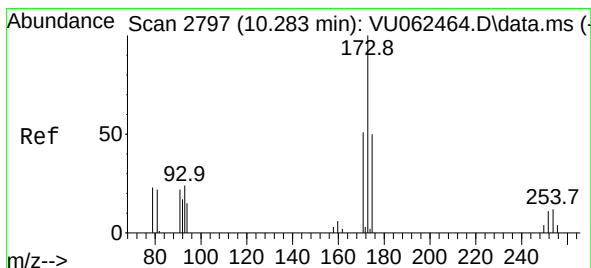
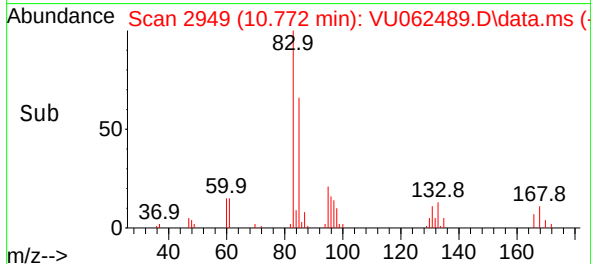
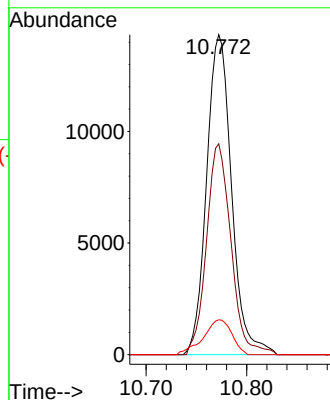
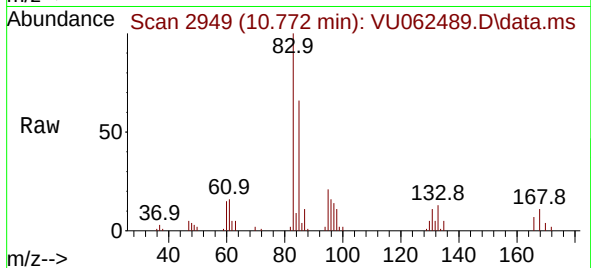
Tgt Ion: 83 Resp: 24745

Ion Ratio Lower Upper

83 100

85 65.9 44.4 82.4

131 10.9 7.3 10.9



#59

Bromoform

Concen: 5.384 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

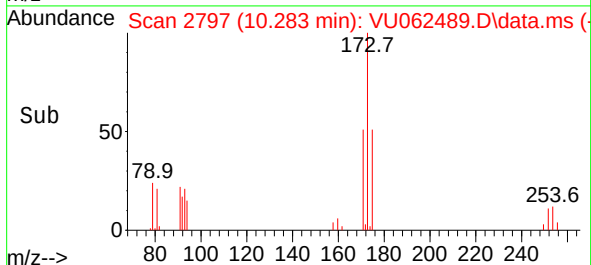
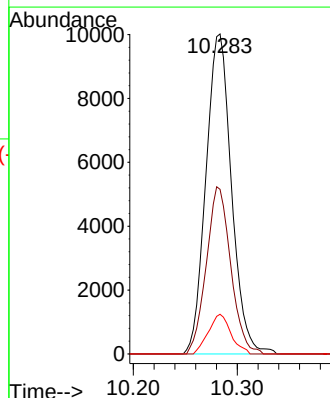
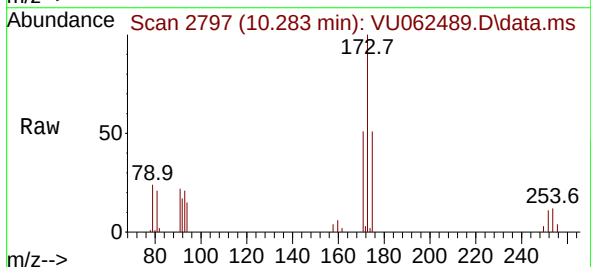
Tgt Ion:173 Resp: 17087

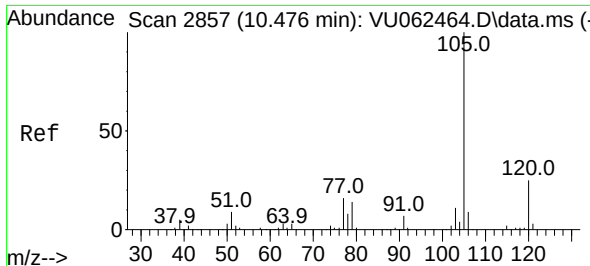
Ion Ratio Lower Upper

173 100

175 49.9 39.0 58.4

254 10.9 7.4 11.0

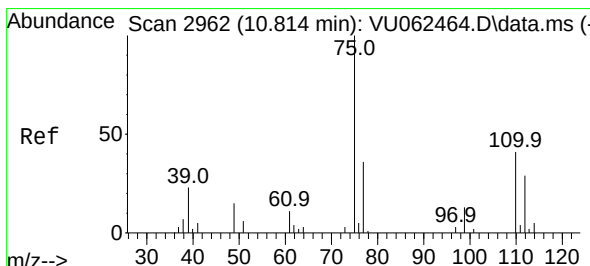
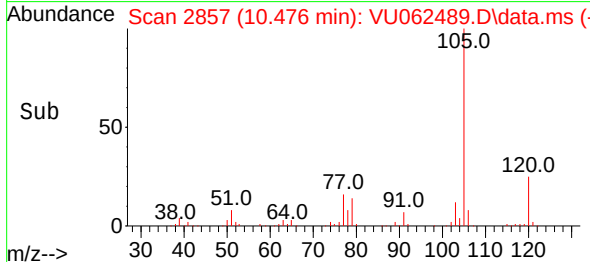
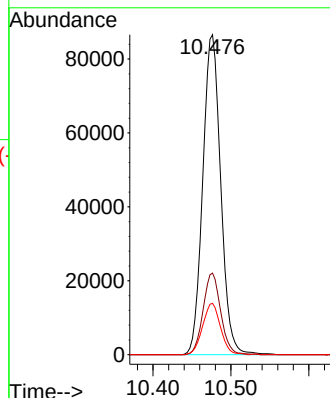
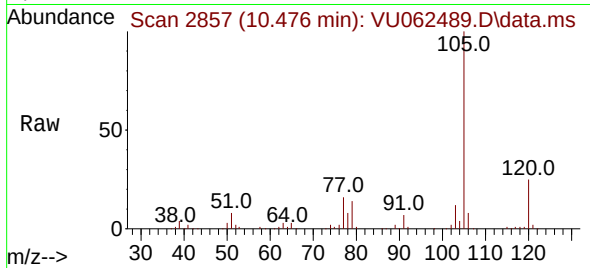




#60
Isopropylbenzene
Concen: 4.754 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

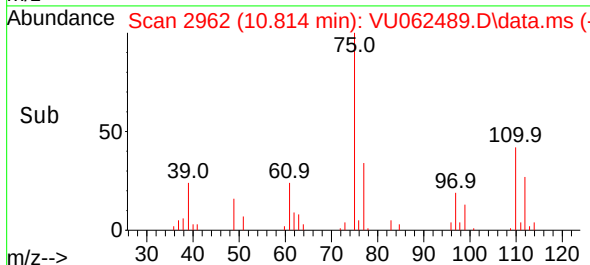
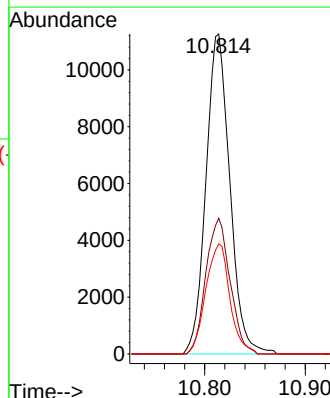
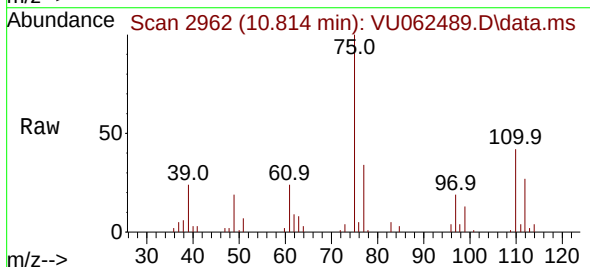
Instrument :
MSVOA_U
ClientSampleId :

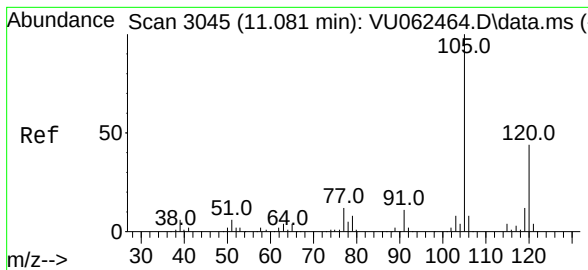
Tgt Ion:105 Resp: 138689
Ion Ratio Lower Upper
105 100
120 25.0 20.6 31.0
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.980 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion: 75 Resp: 18598
Ion Ratio Lower Upper
75 100
110 42.9 28.9 43.3
77 34.6 26.5 39.7

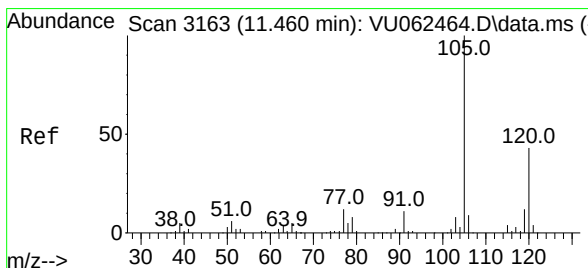
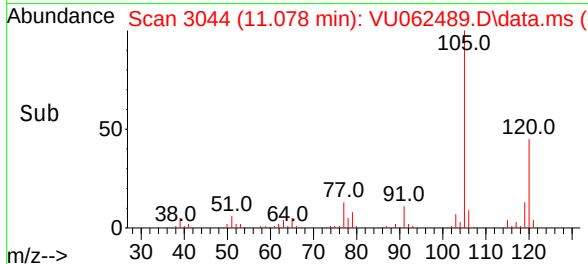
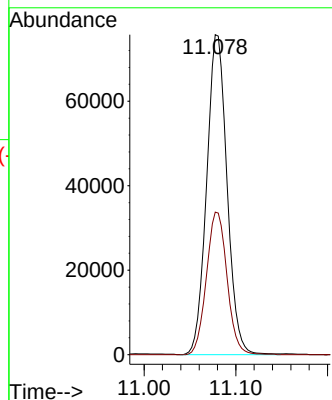
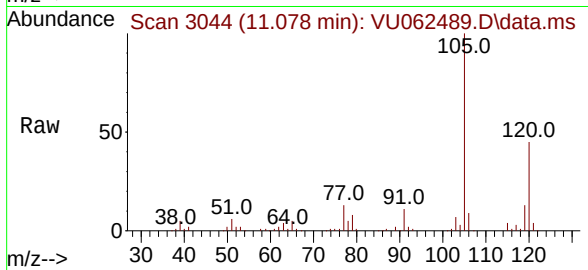




#62
1,3,5-Trimethylbenzene
Concen: 4.741 ug/L
RT: 11.078 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

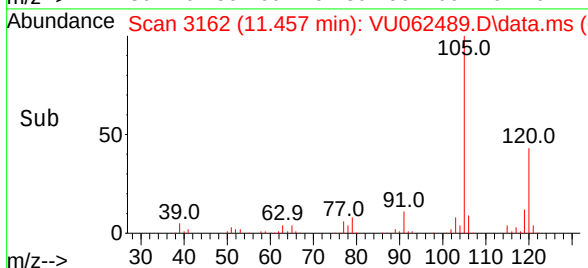
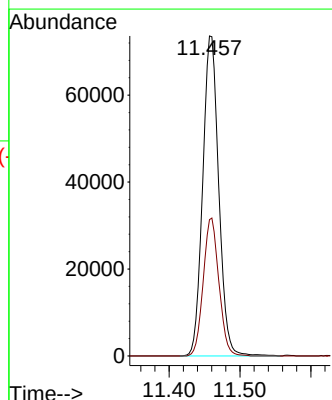
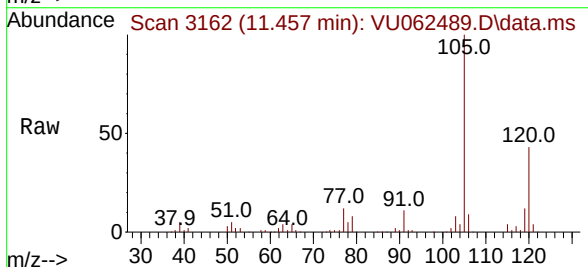
Instrument :
MSVOA_U
ClientSampleId :

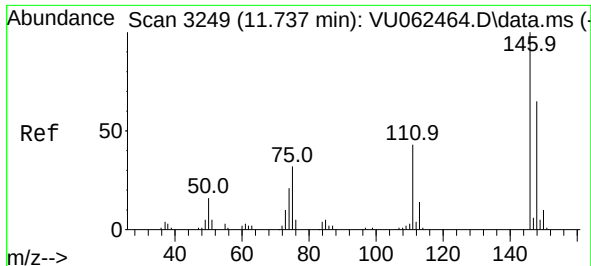
Tgt Ion:105 Resp: 117058
Ion Ratio Lower Upper
105 100
120 45.1 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.780 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

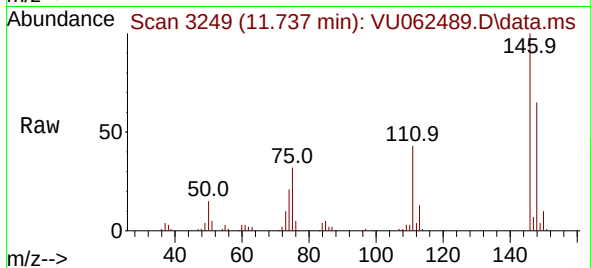
Tgt Ion:105 Resp: 115618
Ion Ratio Lower Upper
105 100
120 42.0 34.7 52.1



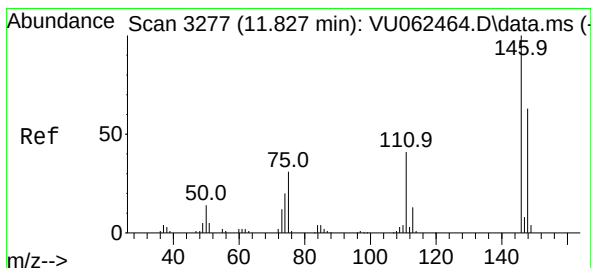
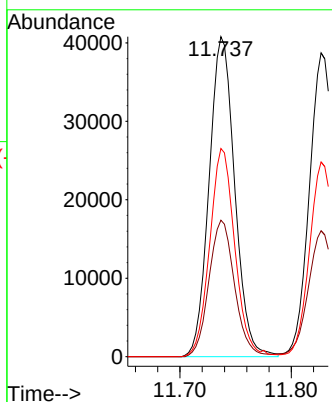
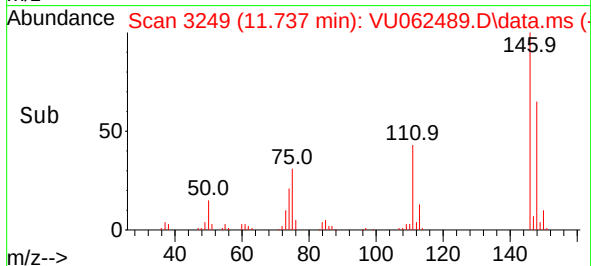


#64
1,3-Dichlorobenzene
Concen: 4.861 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

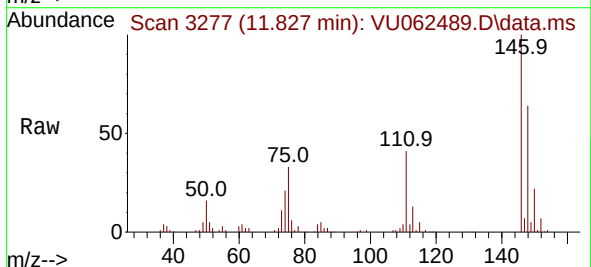
Instrument :
MSVOA_U
ClientSampleId :



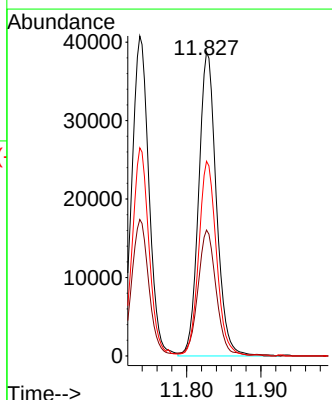
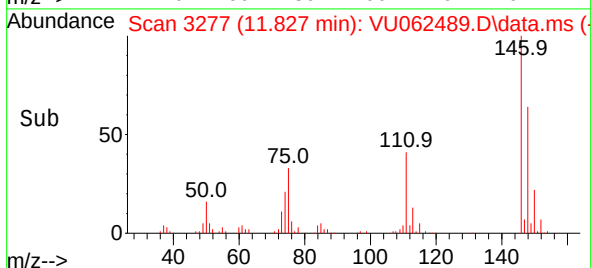
Tgt Ion:146 Resp: 65148
Ion Ratio Lower Upper
146 100
111 42.7 30.7 57.1
148 65.1 45.1 83.7

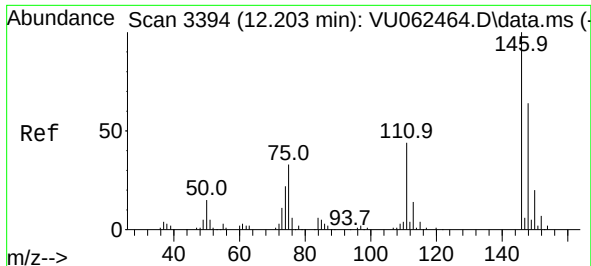


#65
1,4-Dichlorobenzene
Concen: 4.774 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16



Tgt Ion:146 Resp: 64429
Ion Ratio Lower Upper
146 100
111 41.5 29.3 54.3
148 64.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.960 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :

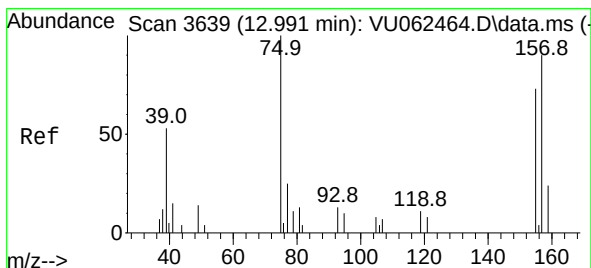
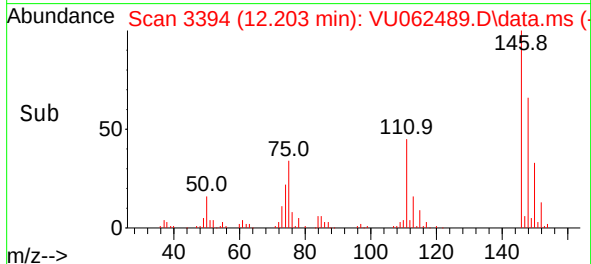
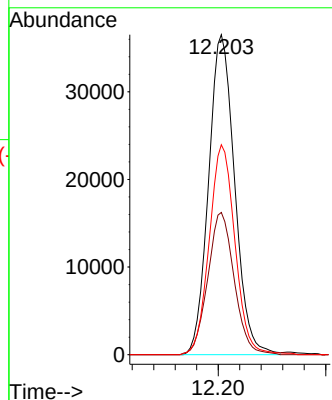
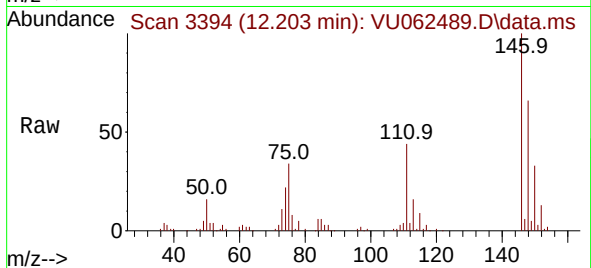
Tgt Ion:146 Resp: 61430

Ion Ratio Lower Upper

146 100

111 44.4 36.0 54.0

148 65.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.649 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

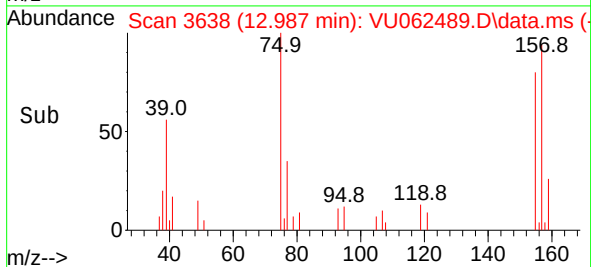
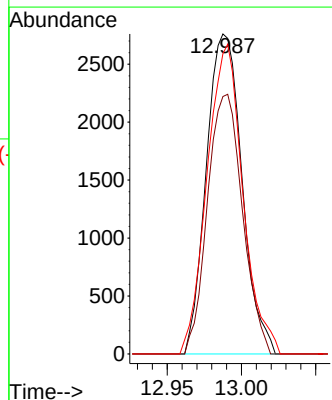
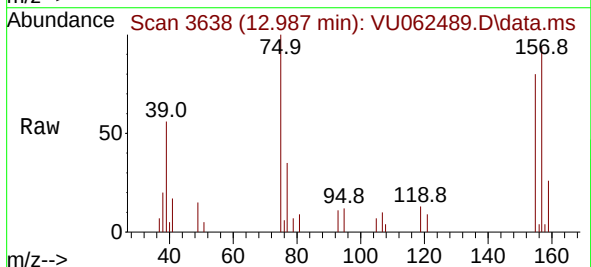
Tgt Ion: 75 Resp: 4602

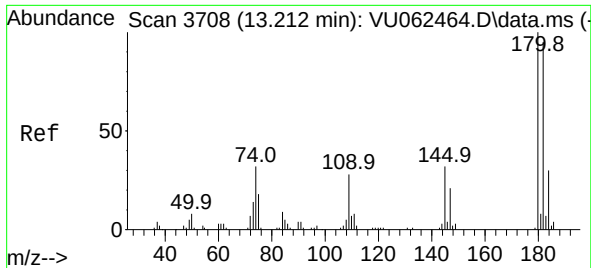
Ion Ratio Lower Upper

75 100

155 80.4 55.2 82.8

157 93.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.955 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

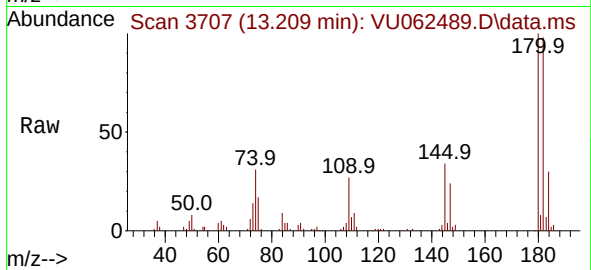
Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 49361

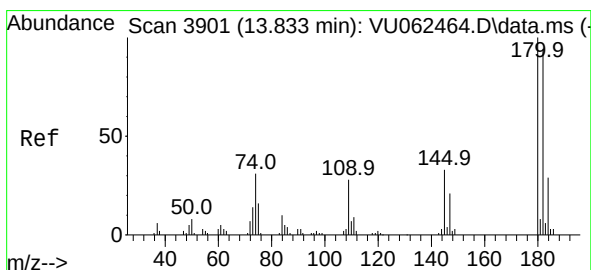
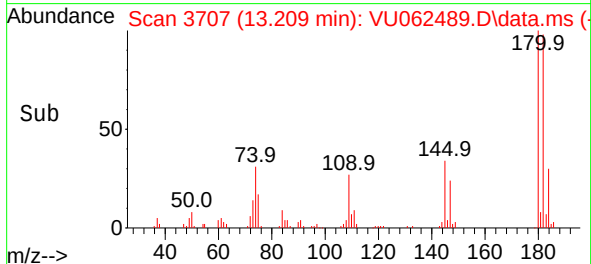
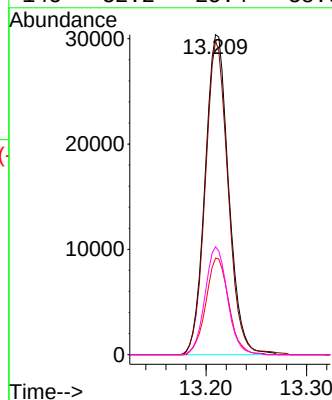
Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

184 29.5 24.8 37.2

145 32.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.017 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062489.D

Acq: 19 Dec 2024 21:16

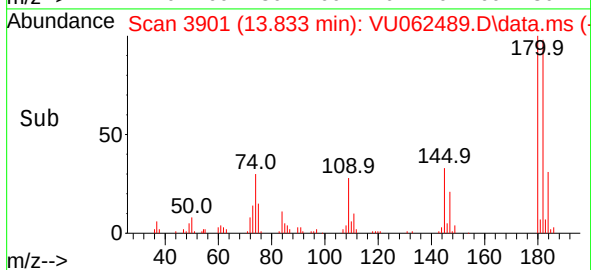
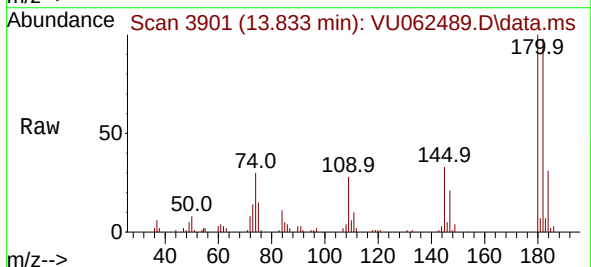
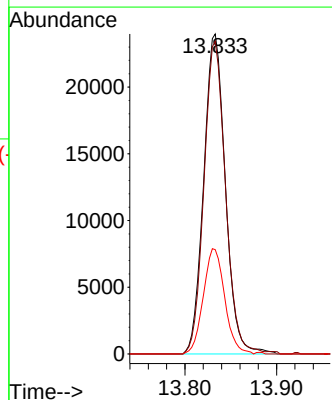
Tgt Ion:180 Resp: 39461

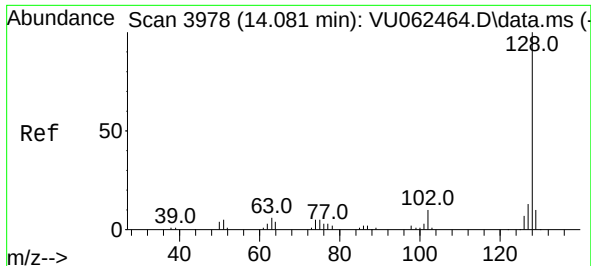
Ion Ratio Lower Upper

180 100

182 97.0 74.5 111.7

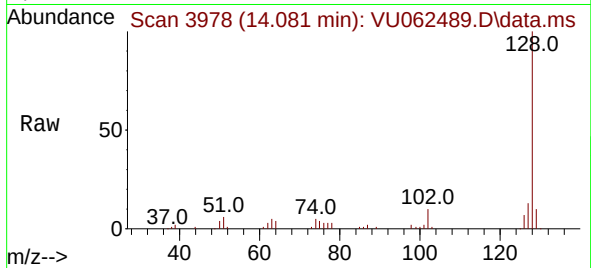
145 32.4 25.6 38.4



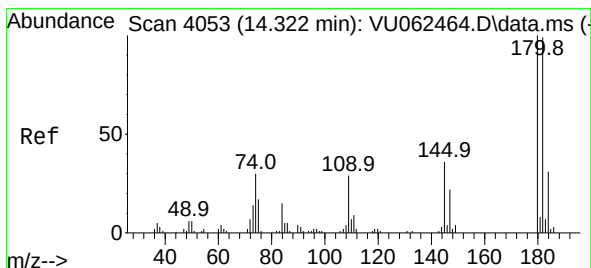
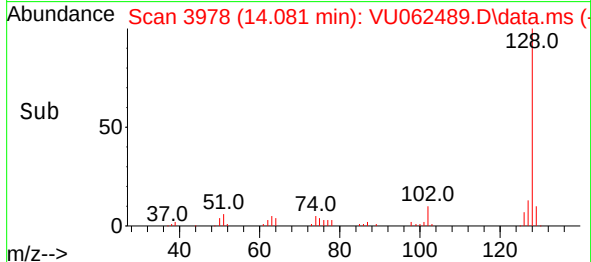
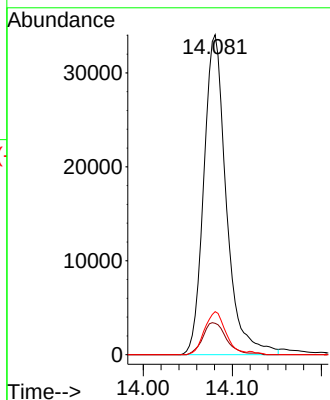


#71
Naphthalene
Concen: 5.072 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 59910
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.923 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062489.D
Acq: 19 Dec 2024 21:16

Tgt Ion:180 Resp: 34147
Ion Ratio Lower Upper
180 100
182 98.4 76.1 114.1
145 34.7 27.4 41.0

