

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063033.D
 Acq On : 27 Jan 2025 22:18
 Operator : MD/SY
 Sample : Q1174-15MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2944MS

Quant Time: Jan 29 07:32:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	90851	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	86435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	53844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12149	3.720	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.904	69	11865	4.785	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.554	65	9270	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.621	46	39190	41.345	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.680%
24) Chloroform-d	5.049	84	60441	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.689	65	33110	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.711	84	85757	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.676	67	21955	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.885	98	89706	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.168	79	14055	4.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.621	63	38676	49.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	22331	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	44704	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36547	4.491	ug/L	99
3) Chloromethane	1.515	50	14034	3.585	ug/L	93
5) Vinyl chloride	1.596	62	18360	4.201	ug/L	98
6) Bromomethane	1.847	94	10341	4.945	ug/L	100
8) Chloroethane	1.924	64	11936	5.409	ug/L	95
9) Trichlorofluoromethane	2.126	101	58449	5.290	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	28020	5.154	ug/L	90
12) 1,1-Dichloroethene	2.567	96	24679	5.229	ug/L	87
13) Acetone	2.641	43	28485	46.475	ug/L	81
14) Carbon disulfide	2.779	76	63499	5.252	ug/L	99
15) Methyl Acetate	2.953	43	5061	4.300	ug/L	94
16) Methylene chloride	3.030	84	24571	4.938	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	73811	5.221	ug/L	96
18) trans-1,2-Dichloroethene	3.338	96	25726	5.094	ug/L	87
19) 1,1-Dichloroethane	3.853	63	42979	4.909	ug/L	95
21) 2-Butanone	4.705	43	35733	42.746	ug/L	91
22) cis-1,2-Dichloroethene	4.650	96	31511	5.220	ug/L	91
23) Bromochloromethane	4.962	128	15769	5.206	ug/L #	84
25) Chloroform	5.072	83	62369	4.931	ug/L	95

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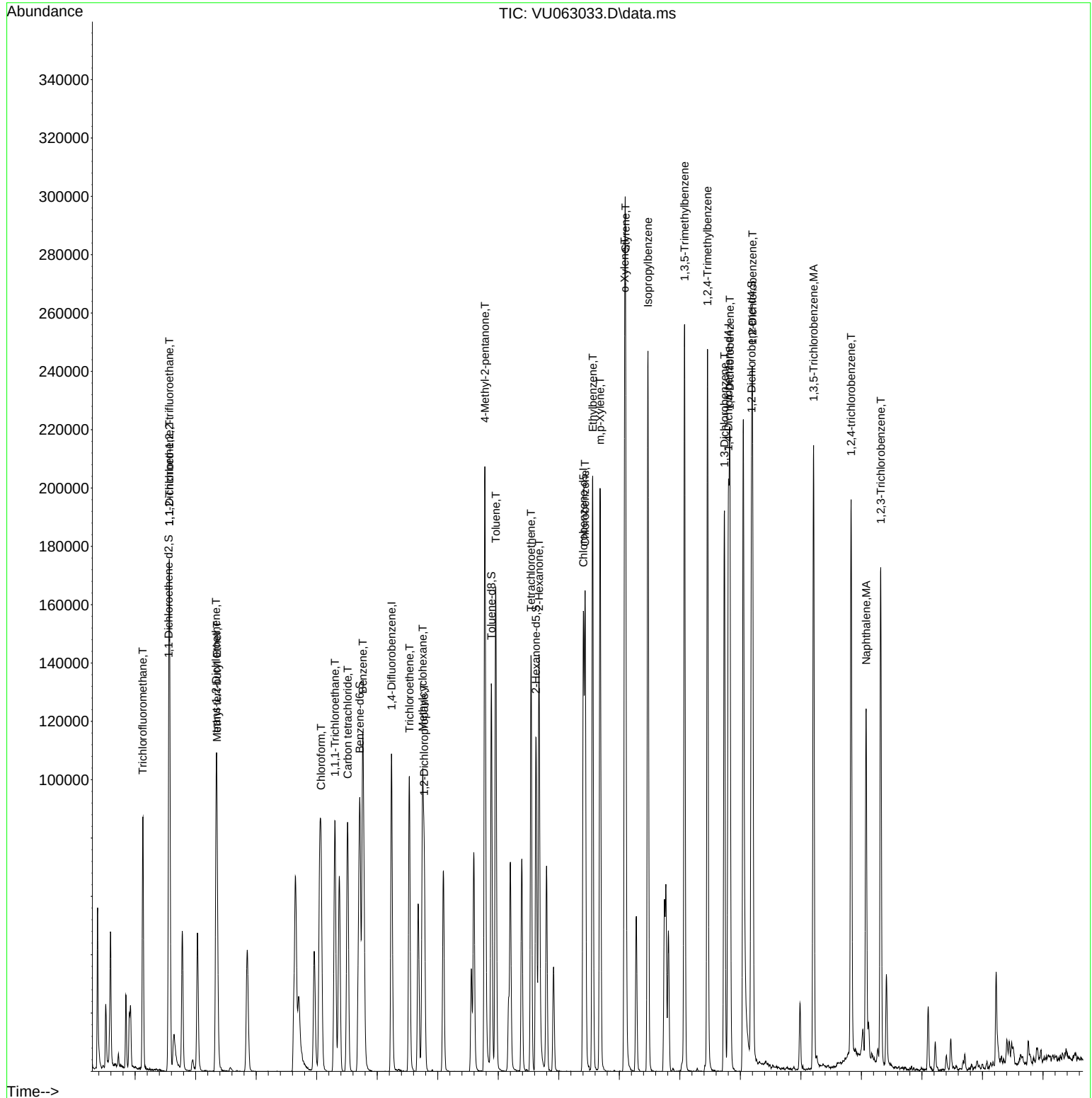
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	42714	4.818	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	66802	4.984	ug/L	97
30) Cyclohexane	5.374	56	29500	4.725	ug/L #	80
31) Carbon tetrachloride	5.512	117	62995	4.882	ug/L	99
33) Benzene	5.760	78	99056	4.730	ug/L	100
34) Trichloroethene	6.531	95	32808	4.611	ug/L	90
35) Methylcyclohexane	6.750	83	41836	4.666	ug/L	91
37) 1,2-Dichloropropane	6.776	63	21061	4.472	ug/L #	95
38) Bromodichloromethane	7.091	83	46267	4.902	ug/L	98
39) cis-1,3-Dichloropropene	7.596	75	43239	4.876	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	107498	47.313	ug/L #	93
42) Toluene	7.959	91	124577	5.005	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	40509	4.960	ug/L	99
45) 1,1,2-Trichloroethane	8.387	97	21986	4.960	ug/L	93
47) Tetrachloroethene	8.541	164	32748	5.291	ug/L	91
48) 2-Hexanone	8.673	43	79290	50.313	ug/L #	94
49) Dibromochloromethane	8.798	129	35777	5.172	ug/L	94
50) 1,2-Dibromoethane	8.914	107	23370	5.219	ug/L	96
51) Chlorobenzene	9.435	112	87833	5.089	ug/L	93
52) Ethylbenzene	9.560	91	145204	5.006	ug/L	97
53) m,p-Xylene	9.682	106	56158	5.013	ug/L	99
54) o-Xylene	10.087	106	55984	5.455	ug/L	92
55) Styrene	10.104	104	94418	5.442	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	23684	4.776	ug/L #	90
59) Bromoform	10.280	173	25035	4.893	ug/L	96
60) Isopropylbenzene	10.473	105	163170	4.782	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	18615	4.296	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	140875	4.709	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	142278	5.029	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	84110	4.856	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	83252	4.791	ug/L	98
67) 1,2-Dichlorobenzene	12.200	146	78731	4.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5956	5.198	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.209	180	72374	5.230	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	61022	5.635	ug/L	100
71) Naphthalene	14.078	128	99683	7.173	ug/L	98
72) 1,2,3-Trichlorobenzene	14.319	180	55001	5.878	ug/L	97

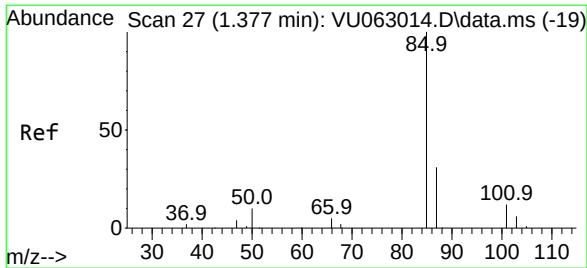
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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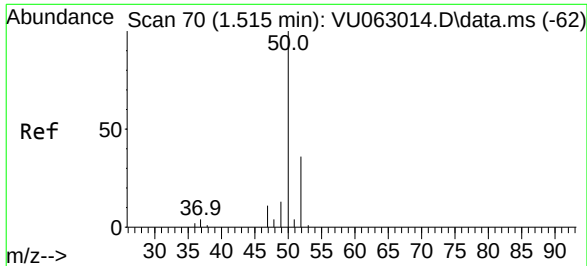
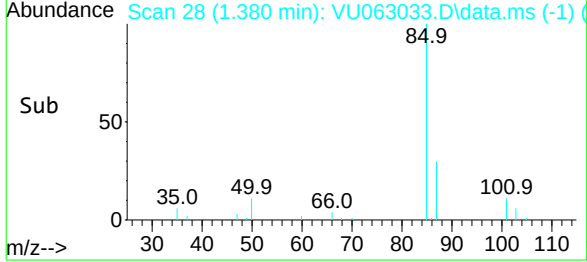
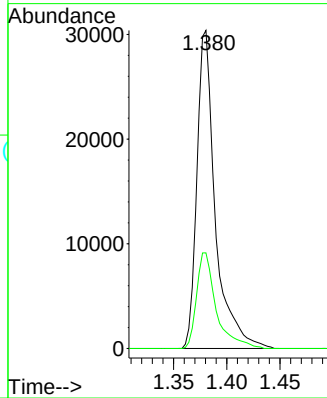
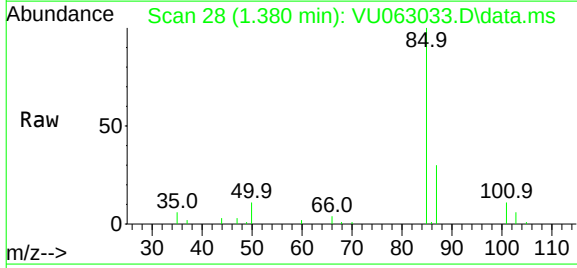




#2
Dichlorodifluoromethane
Concen: 4.491 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

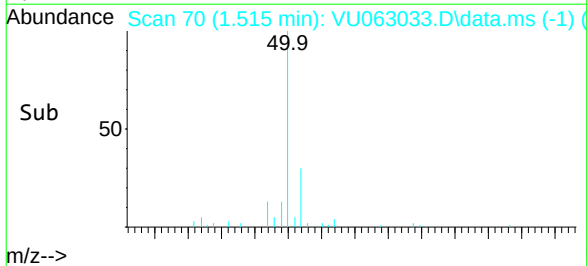
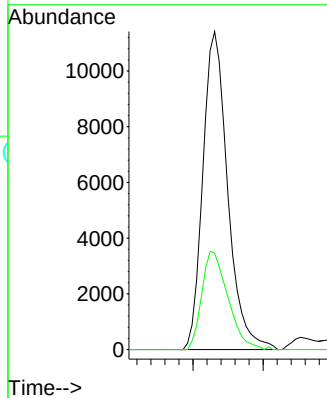
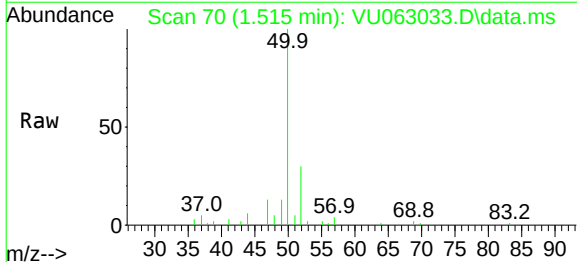
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MSVOA_U
ClientSampleId :
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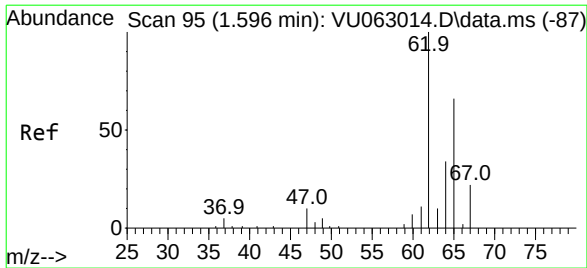
Tgt Ion: 85 Resp: 36547
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 3.585 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion: 50 Resp: 14034
Ion Ratio Lower Upper
50 100
52 30.3 24.1 44.7

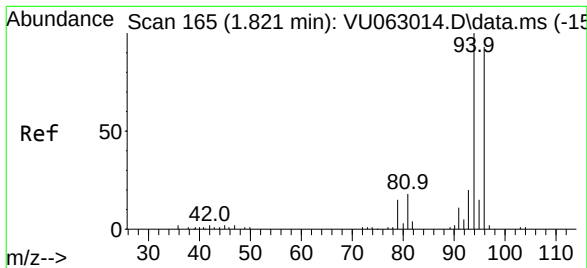
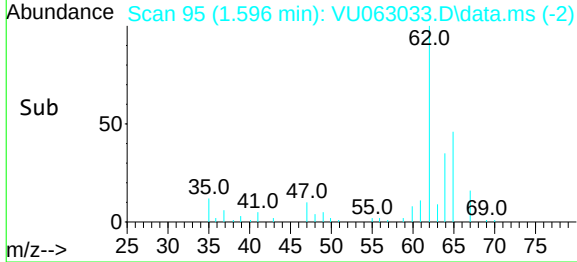
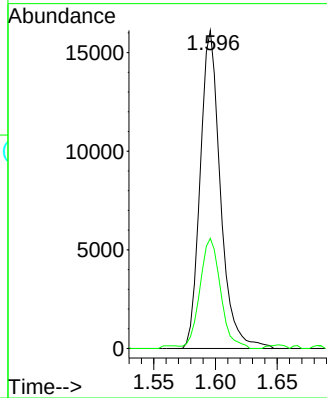
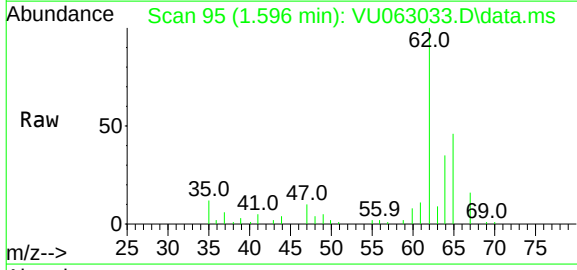




#5
 Vinyl chloride
 Concen: 4.201 ug/L
 RT: 1.596 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

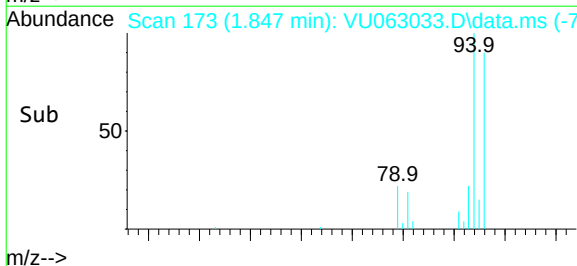
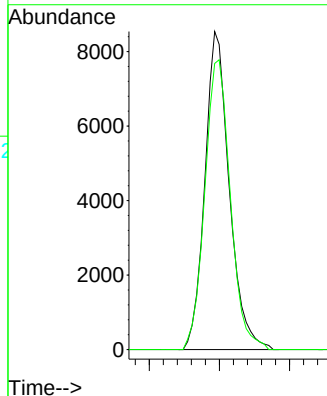
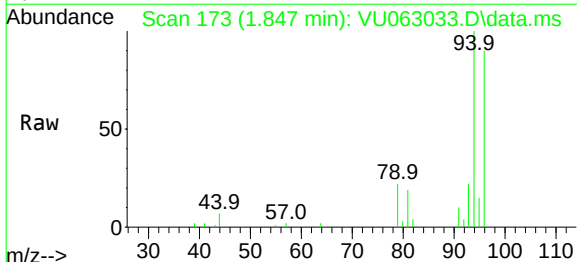
Instrument :
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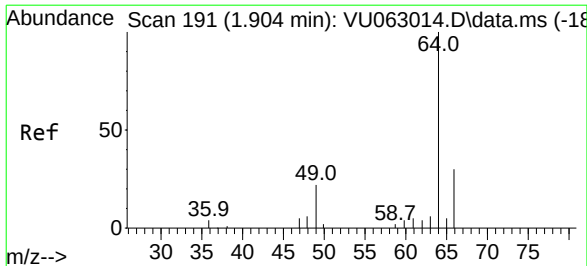
Tgt Ion: 62 Resp: 18360
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.4 43.4



#6
 Bromomethane
 Concen: 4.945 ug/L
 RT: 1.847 min Scan# 173
 Delta R.T. 0.026 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

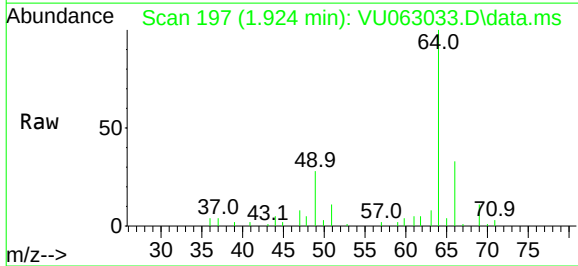
Tgt Ion: 94 Resp: 10341
 Ion Ratio Lower Upper
 94 100
 96 90.0 62.9 116.7



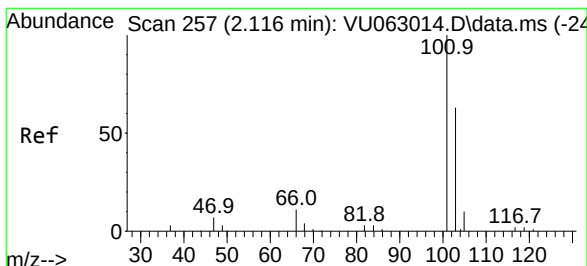
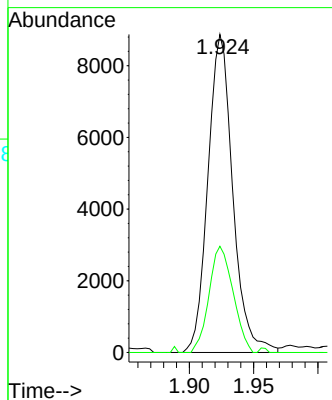
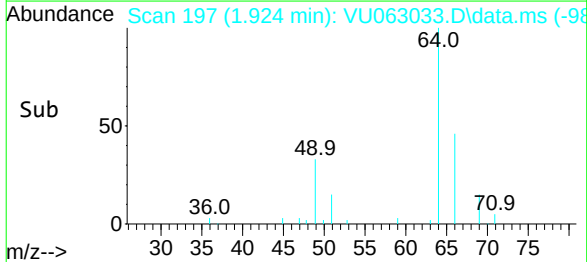


#8
Chloroethane
Concen: 5.409 ug/L
RT: 1.924 min Scan# 19
Delta R.T. 0.019 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Instrument :
MSVOA_U
ClientSampleId :
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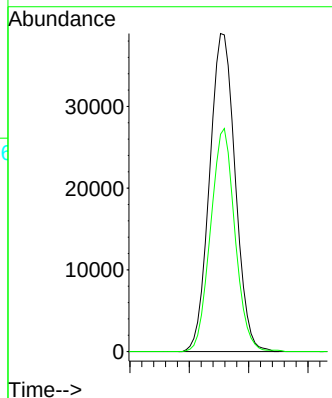
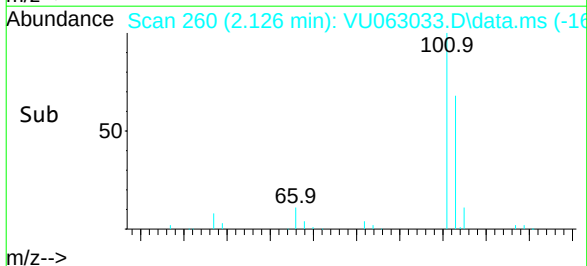
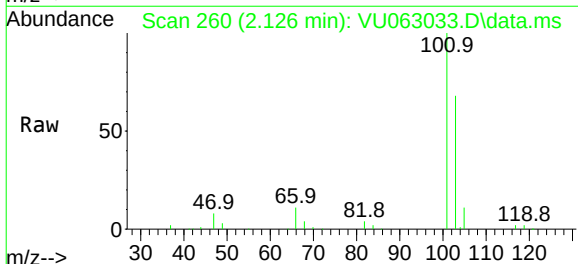


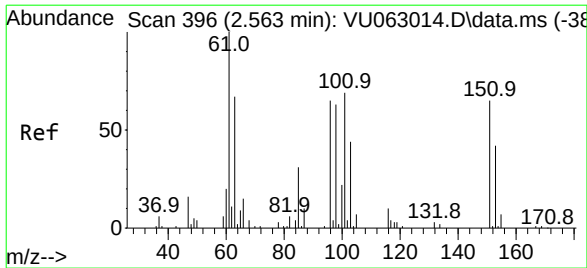
Tgt Ion: 64 Resp: 11936
Ion Ratio Lower Upper
64 100
66 33.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.290 ug/L
RT: 2.126 min Scan# 260
Delta R.T. 0.010 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion:101 Resp: 58449
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0

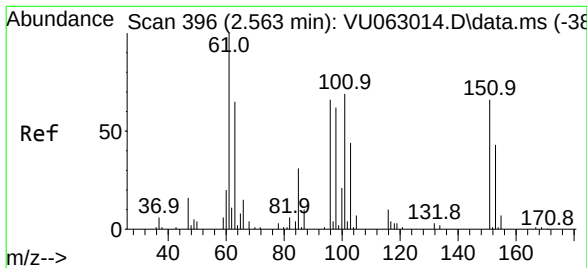
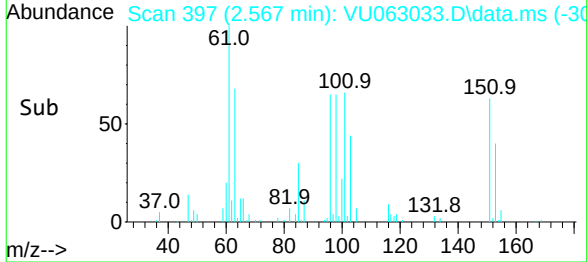
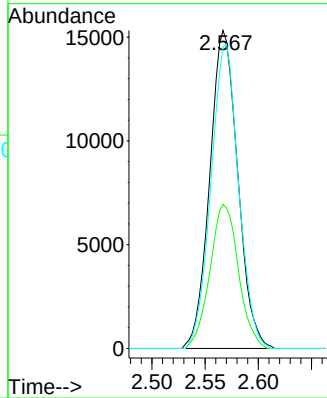
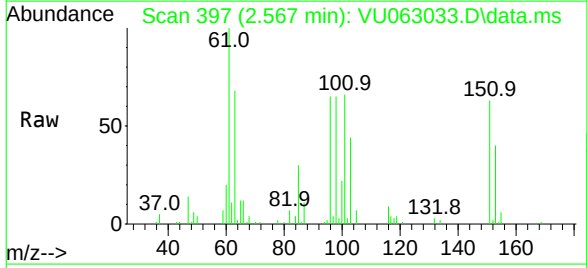




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.154 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063033.D
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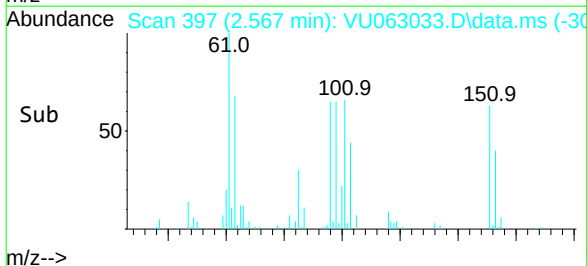
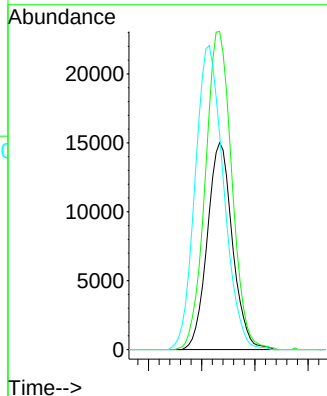
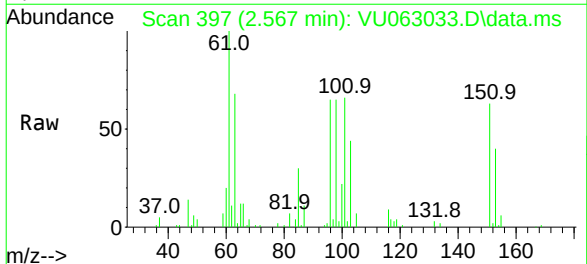
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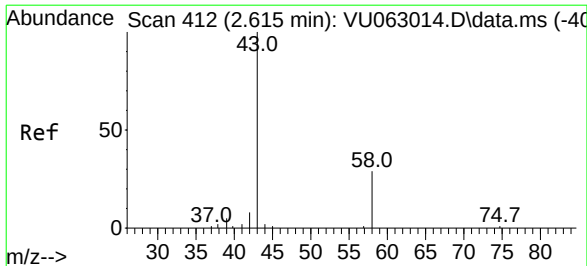
Tgt Ion:	101	Resp:	28020
Ion	Ratio	Lower	Upper
101	100		
85	46.2	37.0	55.6
151	94.5	64.4	96.6



#12
1,1-Dichloroethene
Concen: 5.229 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion:	96	Resp:	24679
Ion	Ratio	Lower	Upper
96	100		
61	153.7	120.4	223.6
63	103.9	82.3	152.9

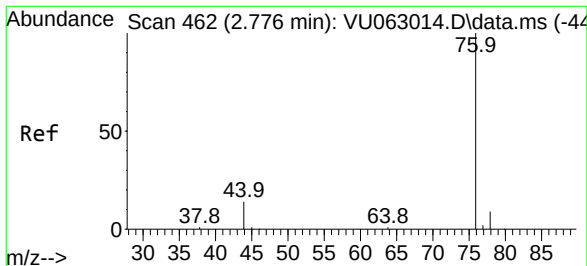
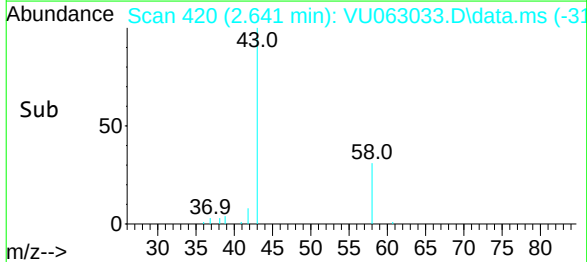
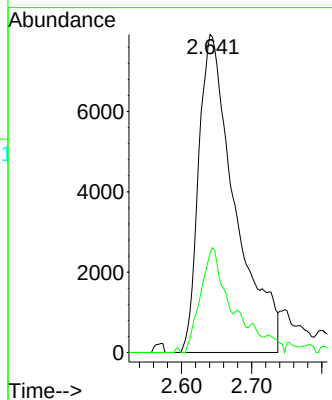
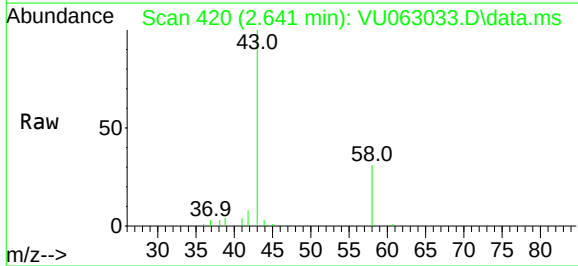




#13
Acetone
Concen: 46.475 ug/L
RT: 2.641 min Scan# 42
Delta R.T. 0.026 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

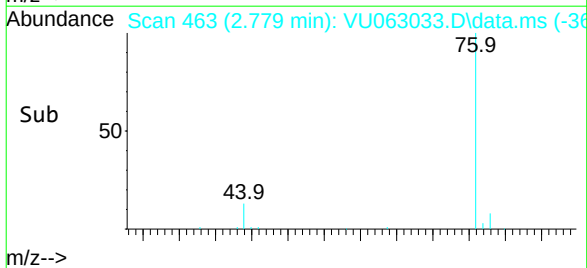
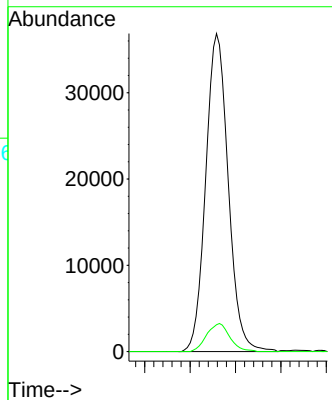
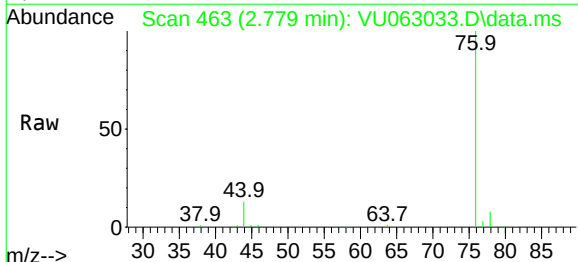
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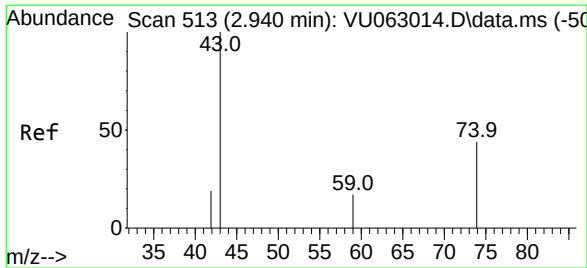
Tgt Ion: 43 Resp: 28485
Ion Ratio Lower Upper
43 100
58 21.3 0.0 64.4



#14
Carbon disulfide
Concen: 5.252 ug/L
RT: 2.779 min Scan# 463
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 63499
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

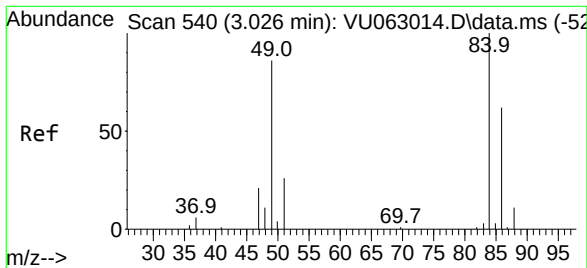
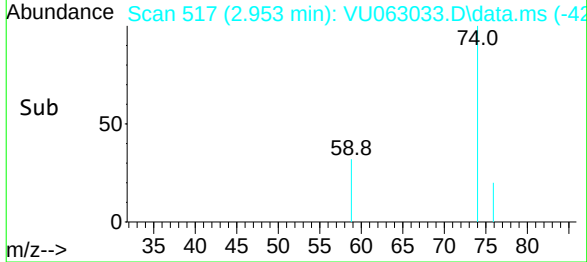
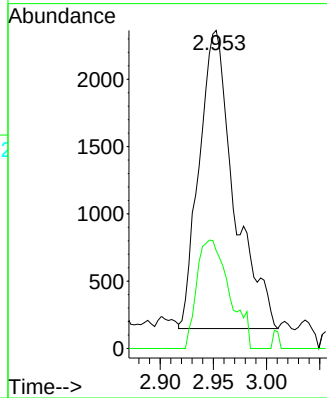
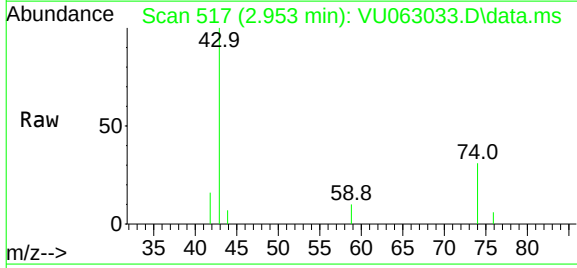




#15
Methyl Acetate
Concen: 4.300 ug/L
RT: 2.953 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

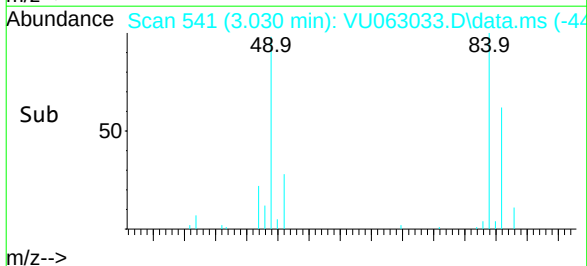
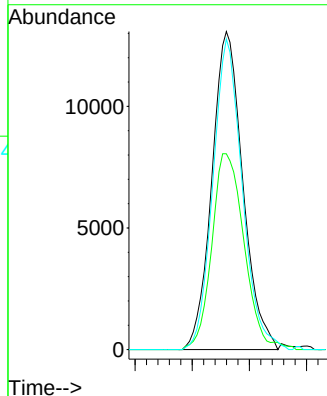
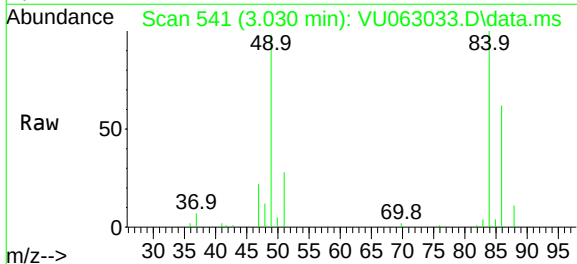
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

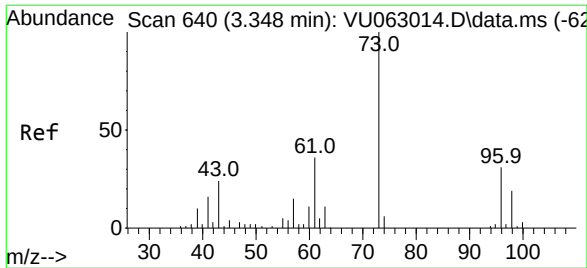
Tgt Ion: 43 Resp: 5061
Ion Ratio Lower Upper
43 100
74 33.7 24.4 36.6



#16
Methylene chloride
Concen: 4.938 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

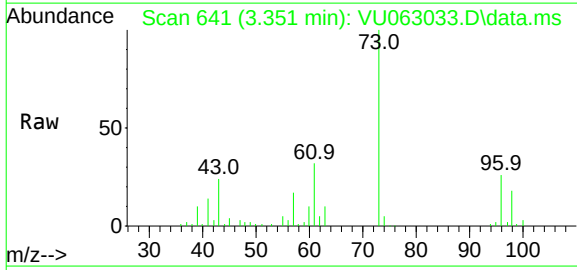
Tgt Ion: 84 Resp: 24571
Ion Ratio Lower Upper
84 100
86 61.6 44.7 83.1
49 97.7 68.3 126.9



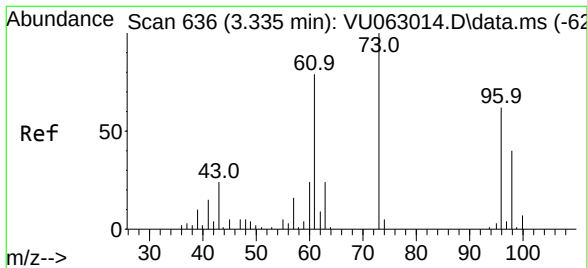
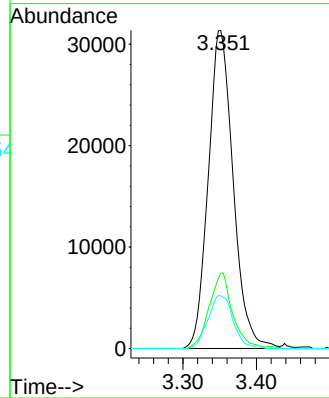
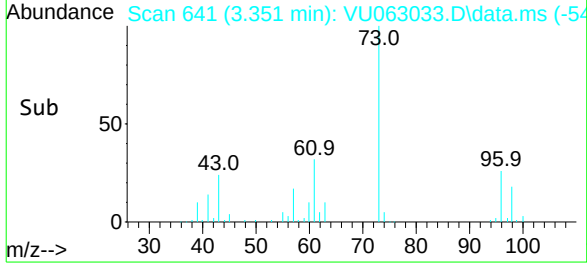


#17
Methyl tert-butyl Ether
Concen: 5.221 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

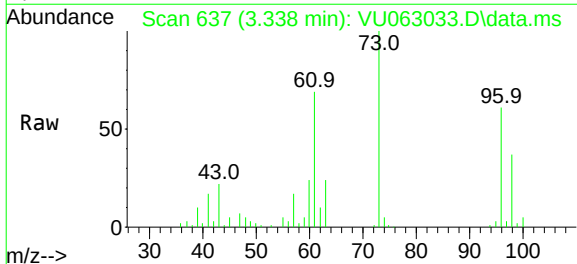
Instrument :
MSVOA_U
ClientSampleId :
E2944MS



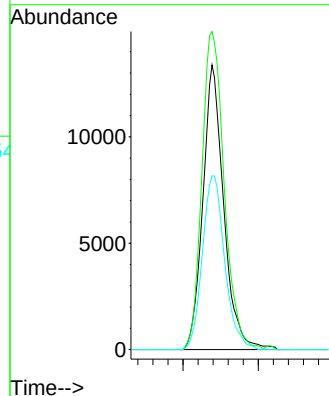
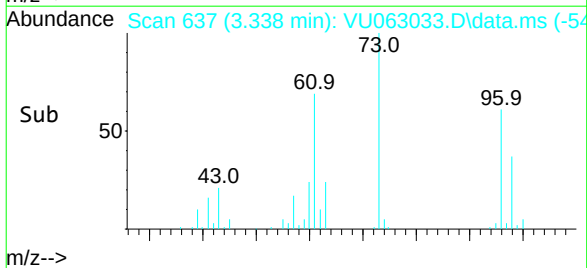
Tgt Ion: 73 Resp: 73811
Ion Ratio Lower Upper
73 100
43 22.1 16.2 24.4
57 16.6 14.6 22.0

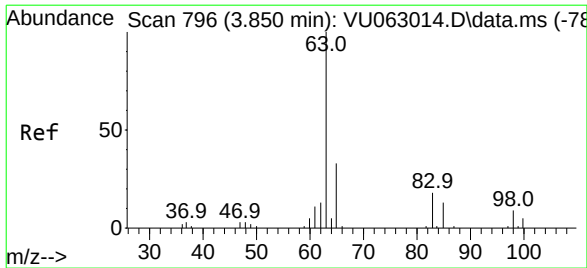


#18
trans-1,2-Dichloroethene
Concen: 5.094 ug/L
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18



Tgt Ion: 96 Resp: 25726
Ion Ratio Lower Upper
96 100
61 111.7 94.4 175.2
98 61.0 42.8 79.4

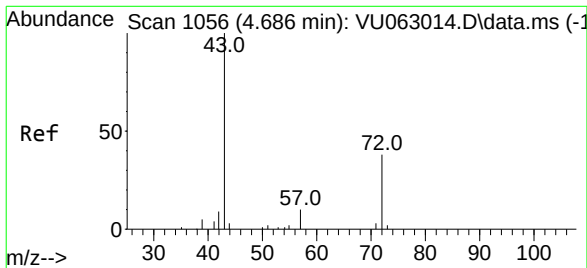
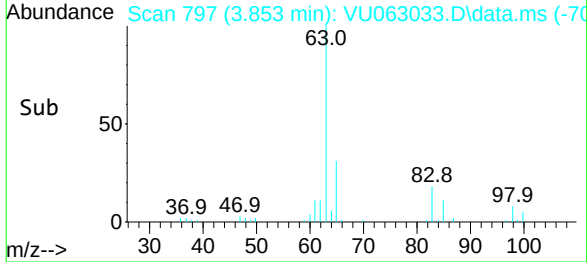
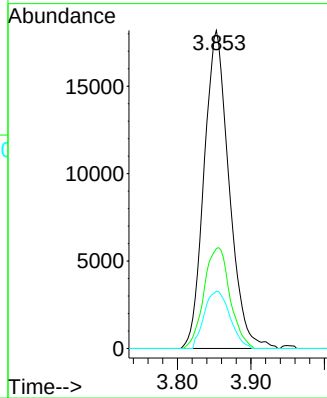
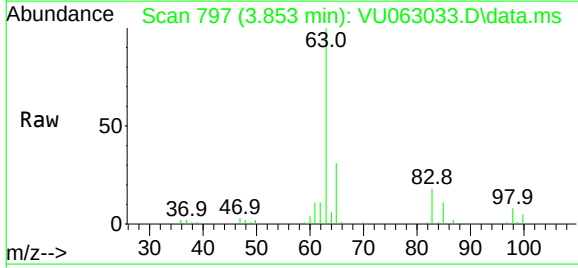




#19
1,1-Dichloroethane
Concen: 4.909 ug/L
RT: 3.853 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

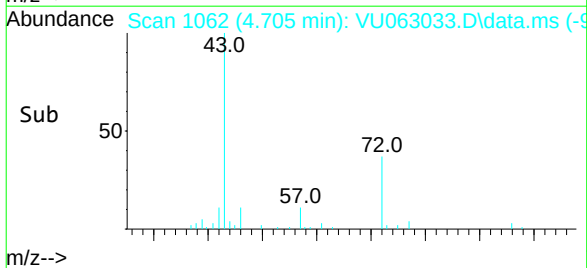
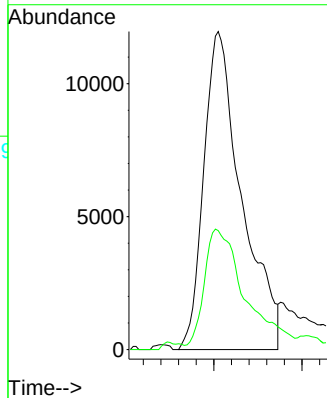
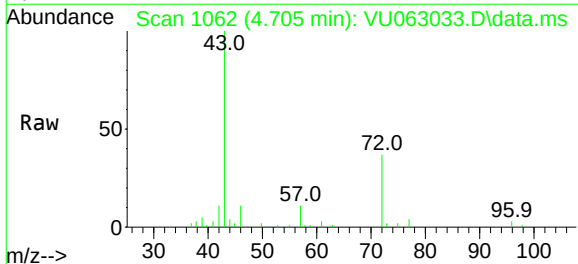
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

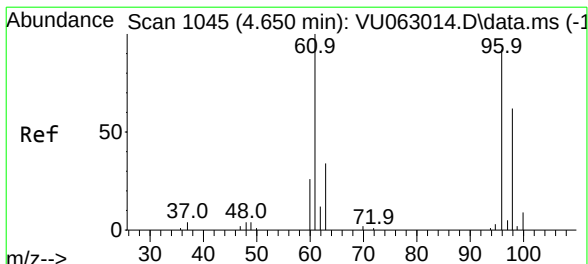
Tgt Ion: 63 Resp: 42979
Ion Ratio Lower Upper
63 100
65 31.4 20.7 38.5
83 18.0 10.5 19.5



#21
2-Butanone
Concen: 42.746 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.019 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion: 43 Resp: 35733
Ion Ratio Lower Upper
43 100
72 39.3 17.1 51.2

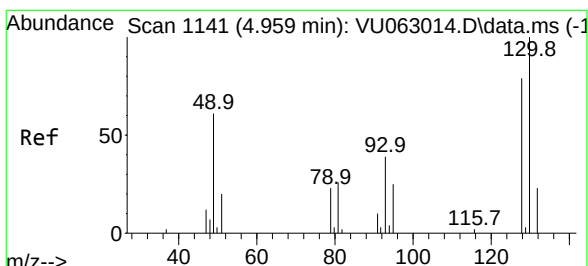
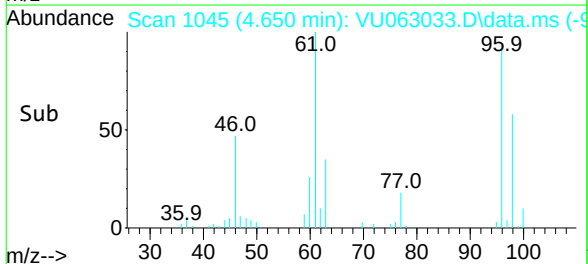
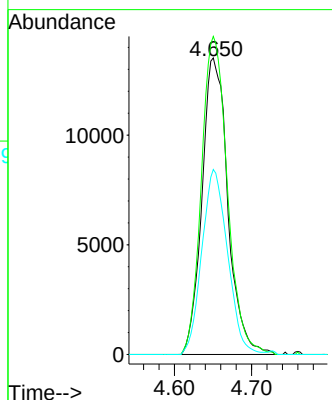
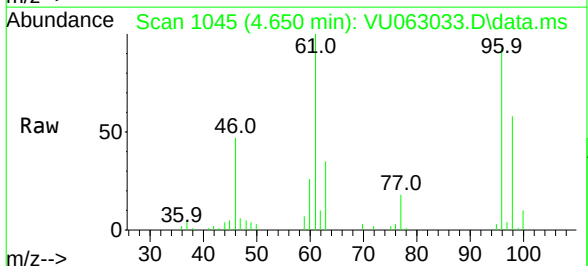




#22
 cis-1,2-Dichloroethene
 Concen: 5.220 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

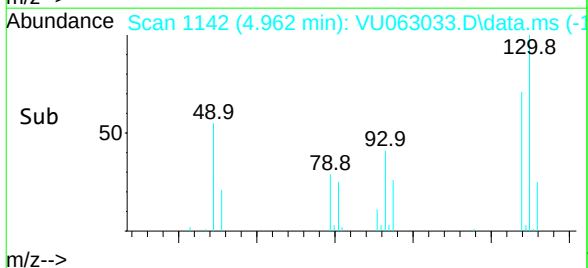
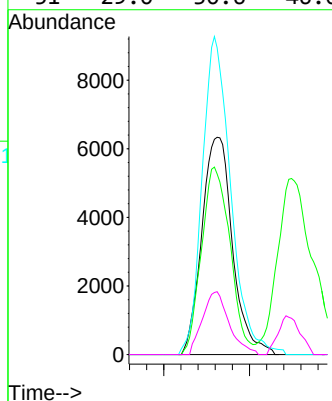
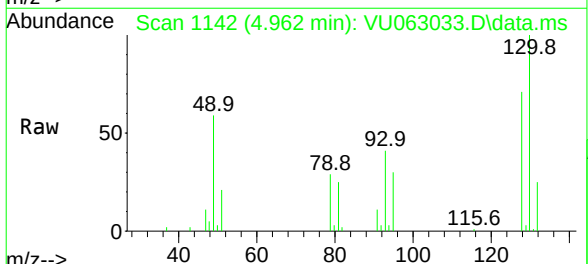
Instrument :
 MSVOA_U
 ClientSampleId :
 E2944MS

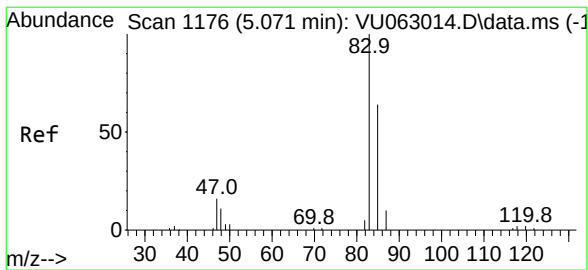
Tgt Ion:	96	Resp:	31511
Ion	Ratio	Lower	Upper
96	100		
61	107.3	84.8	157.6
98	62.4	43.1	80.1



#23
 Bromochloromethane
 Concen: 5.206 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

Tgt Ion:	128	Resp:	15769
Ion	Ratio	Lower	Upper
128	100		
49	83.1	81.1	150.7
130	141.2	94.9	176.3
51	29.0	30.6	46.0





#25

Chloroform

Concen: 4.931 ug/L

RT: 5.072 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Instrument :

MSVOA_U

ClientSampleId :

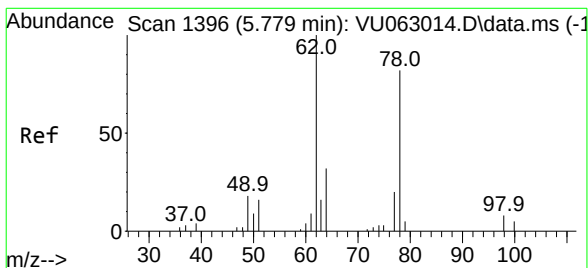
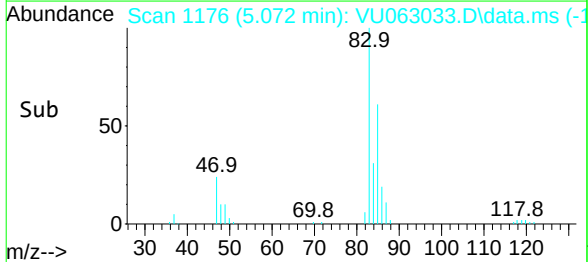
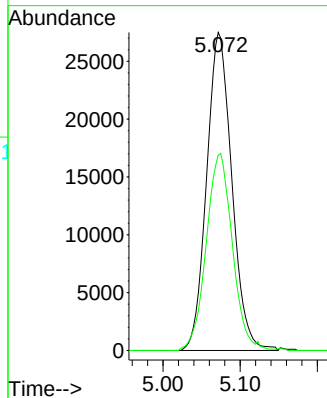
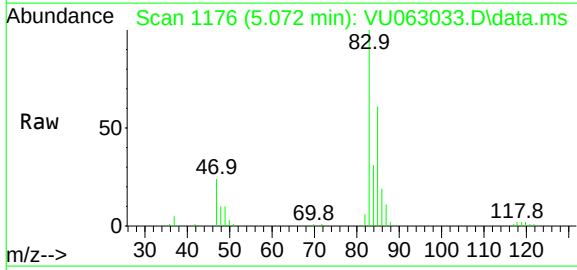
E2944MS

Tgt Ion: 83 Resp: 62369

Ion Ratio Lower Upper

83 100

85 61.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.818 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063033.D

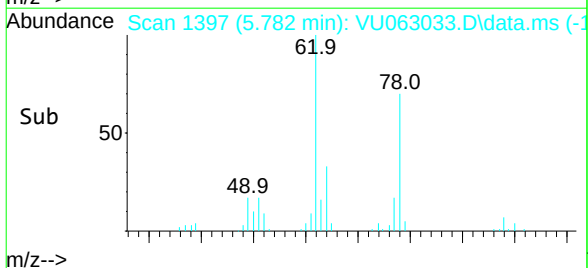
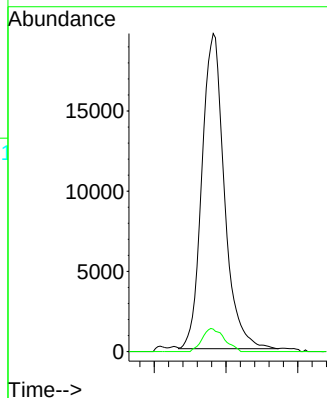
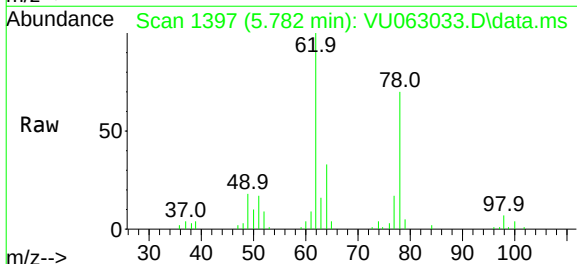
Acq: 27 Jan 2025 22:18

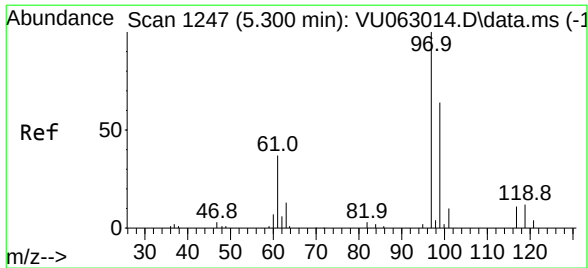
Tgt Ion: 62 Resp: 42714

Ion Ratio Lower Upper

62 100

98 7.1 5.8 8.6

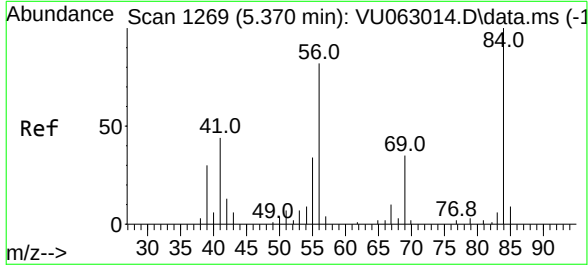
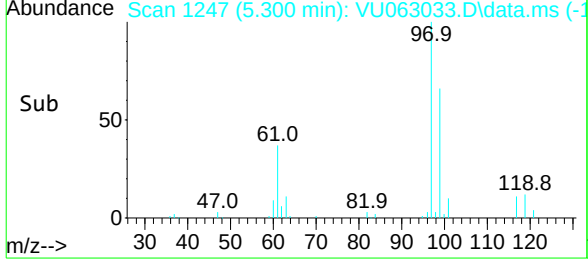
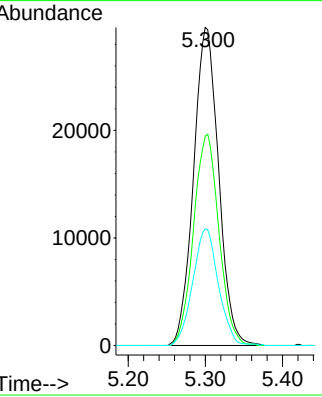
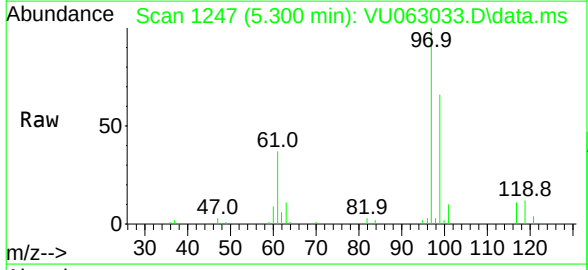




#29
 1,1,1-Trichloroethane
 Concen: 4.984 ug/L
 RT: 5.300 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

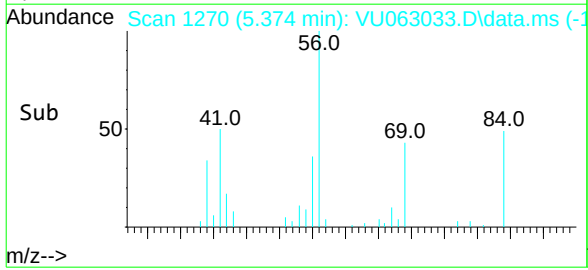
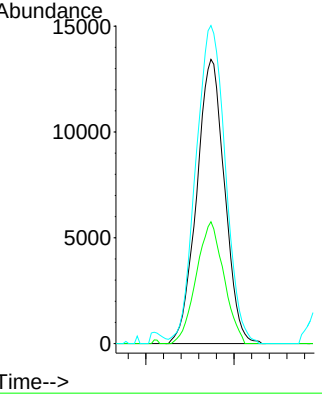
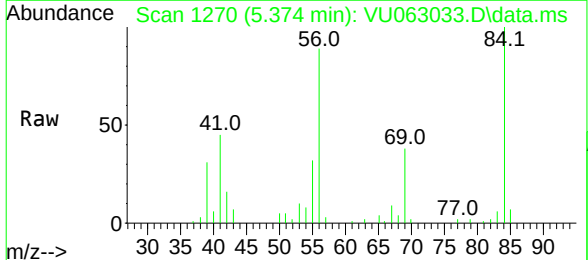
Instrument :
 MSVOA_U
 ClientSampleId :
 E2944MS

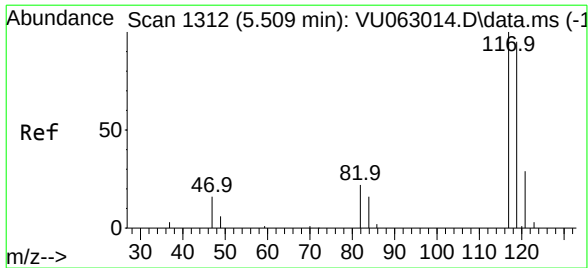
Tgt Ion:	97	Resp:	66802
Ion	Ratio	Lower	Upper
97	100		
99	67.1	52.4	78.6
61	37.5	32.2	48.4



#30
 Cyclohexane
 Concen: 4.725 ug/L
 RT: 5.374 min Scan# 1270
 Delta R.T. 0.003 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

Tgt Ion:	56	Resp:	29500
Ion	Ratio	Lower	Upper
56	100		
69	42.3	28.3	42.5
84	118.3	76.5	114.7

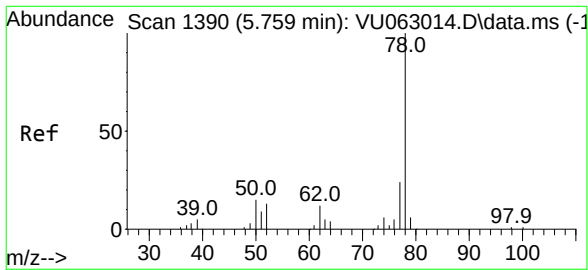
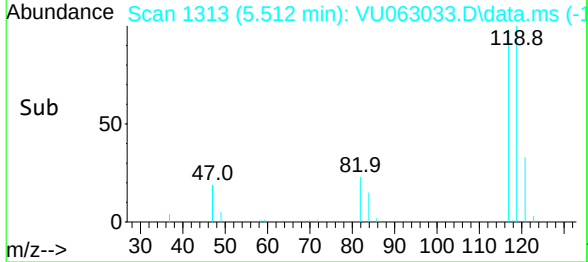
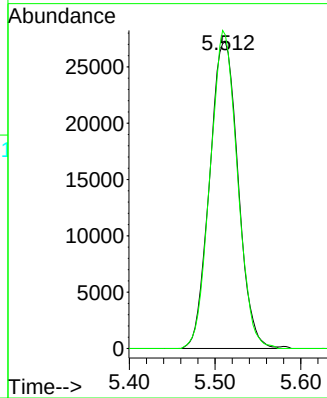
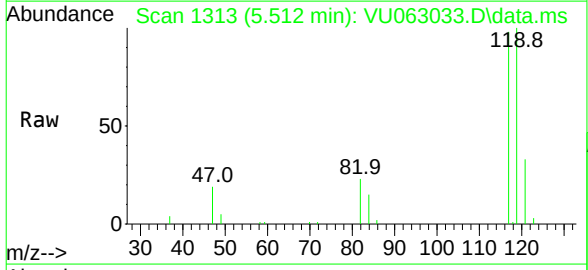




#31
Carbon tetrachloride
Concen: 4.882 ug/L
RT: 5.512 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

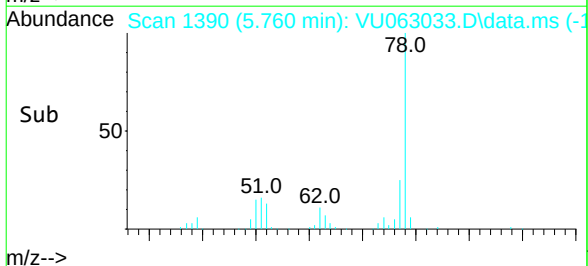
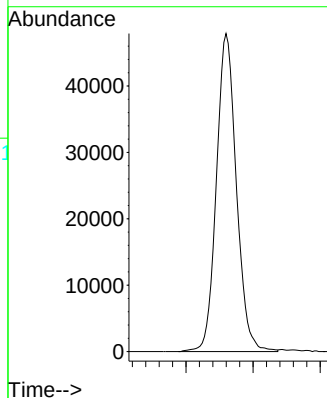
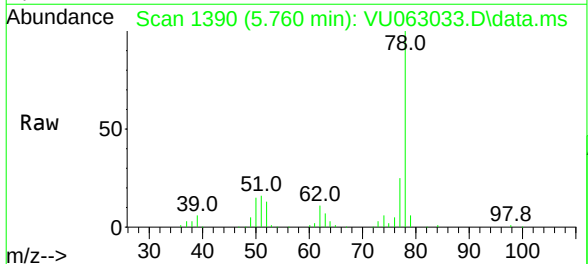
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

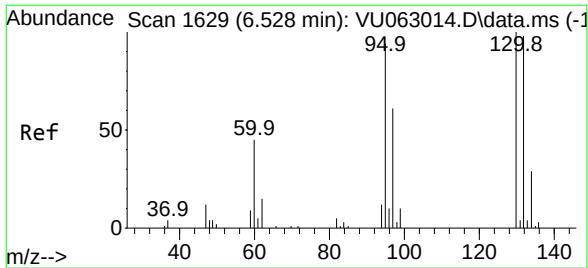
Tgt Ion:117 Resp: 62995
Ion Ratio Lower Upper
117 100
119 99.0 78.6 118.0



#33
Benzene
Concen: 4.730 ug/L
RT: 5.760 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

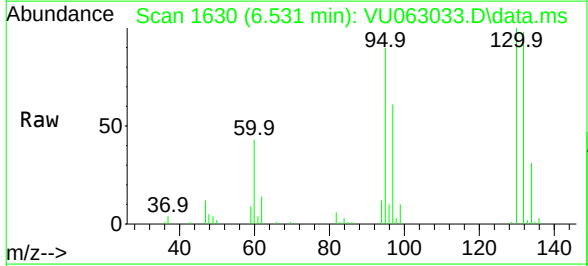
Tgt Ion: 78 Resp: 99056



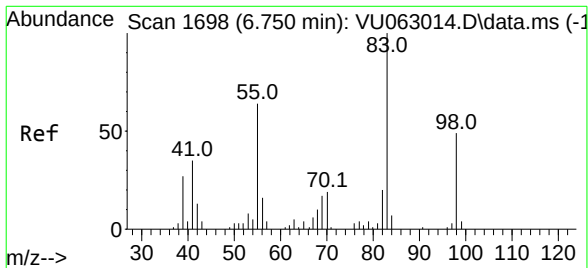
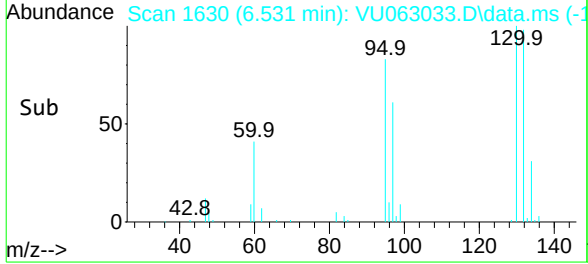
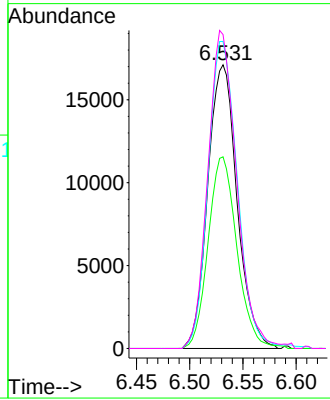


#34
Trichloroethene
Concen: 4.611 ug/L
RT: 6.531 min Scan# 1629
Delta R.T. 0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Instrument :
MSVOA_U
ClientSampleId :
E2944MS

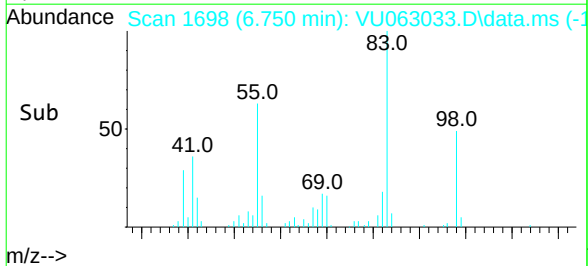
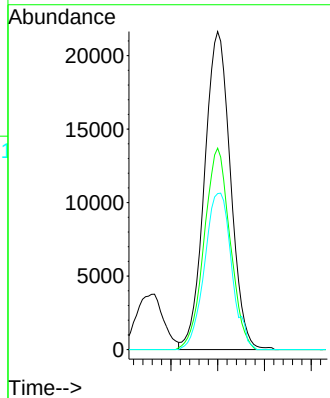
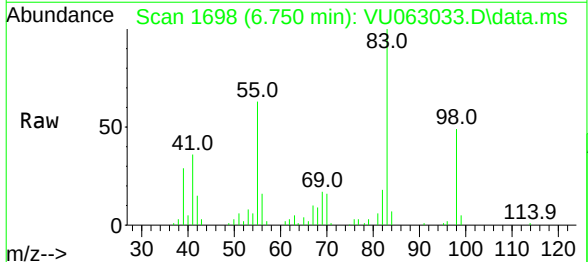


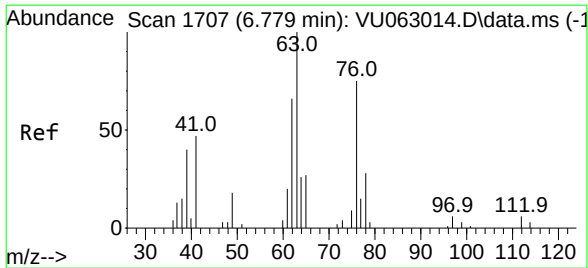
Tgt Ion:	95	Resp:	32808
Ion	Ratio	Lower	Upper
95	100		
97	67.6	47.5	88.3
132	108.2	66.9	124.3
130	110.7	68.6	127.4



#35
Methylcyclohexane
Concen: 4.666 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion:	83	Resp:	41836
Ion	Ratio	Lower	Upper
83	100		
55	63.0	57.2	85.8
98	51.2	36.6	55.0

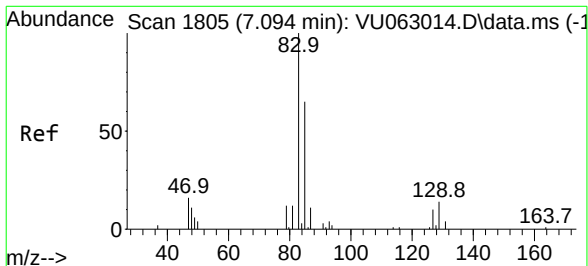
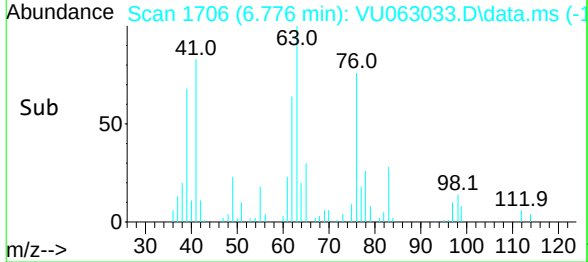
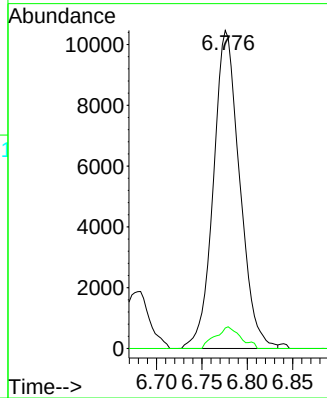
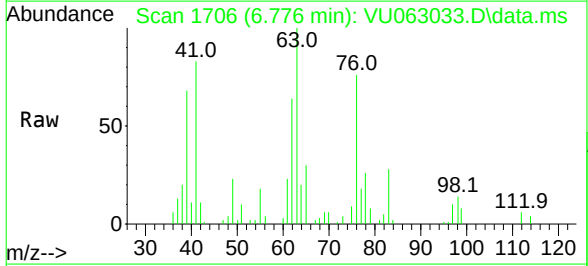




#37
1,2-Dichloropropane
Concen: 4.472 ug/L
RT: 6.776 min Scan# 17
Delta R.T. -0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

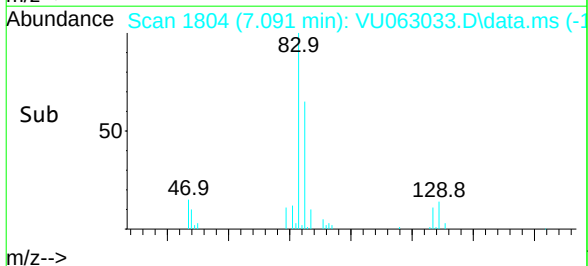
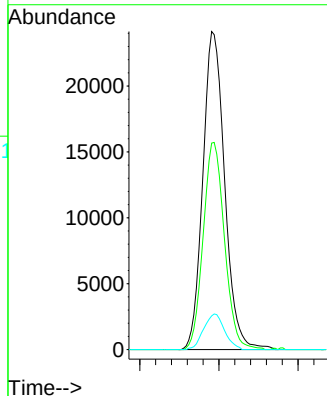
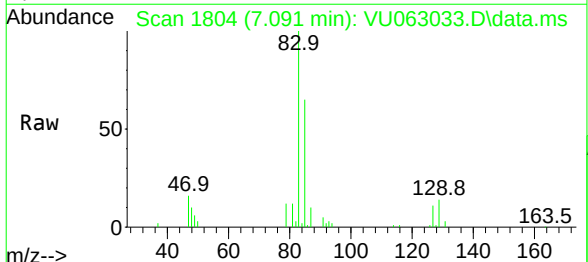
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

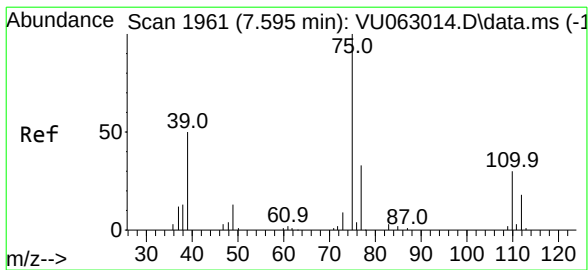
Tgt Ion: 63 Resp: 21061
Ion Ratio Lower Upper
63 100
112 6.5 3.8 5.8#



#38
Bromodichloromethane
Concen: 4.902 ug/L
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion: 83 Resp: 46267
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.0
127 10.6 7.8 11.8

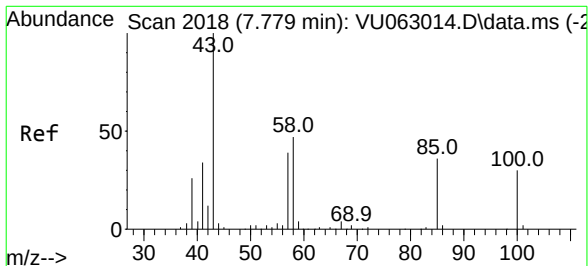
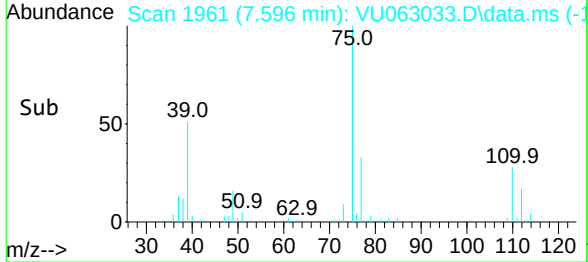
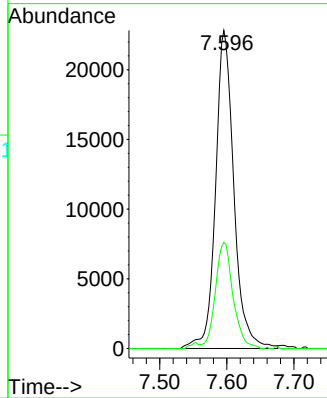
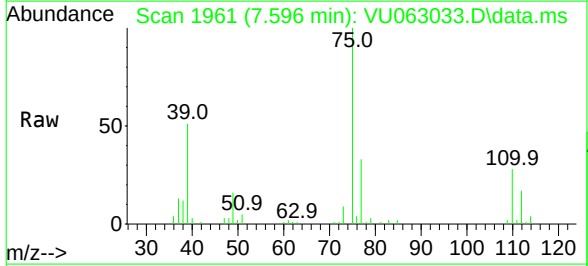




#39
 cis-1,3-Dichloropropene
 Concen: 4.876 ug/L
 RT: 7.596 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

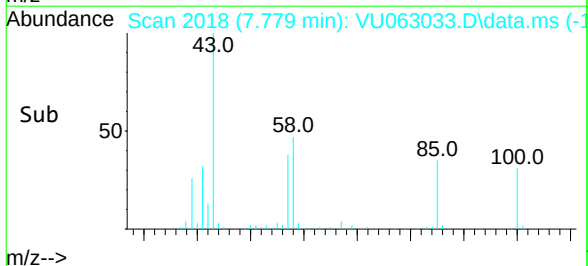
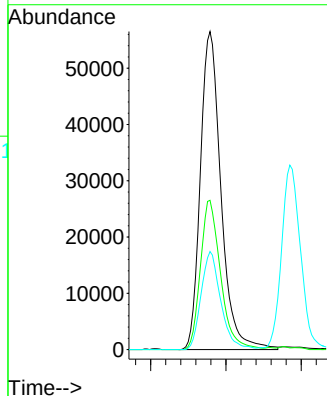
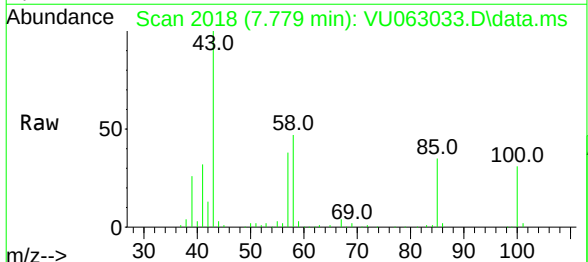
Instrument :
 MSVOA_U
 ClientSampleId :
 E2944MS

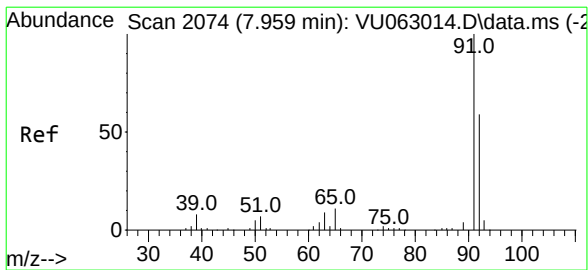
Tgt Ion: 75 Resp: 43239
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 47.313 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

Tgt Ion: 43 Resp: 107498
 Ion Ratio Lower Upper
 43 100
 58 45.8 35.8 53.8
 100 29.4 16.8 25.2#





#42

Toluene

Concen: 5.005 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063033.D

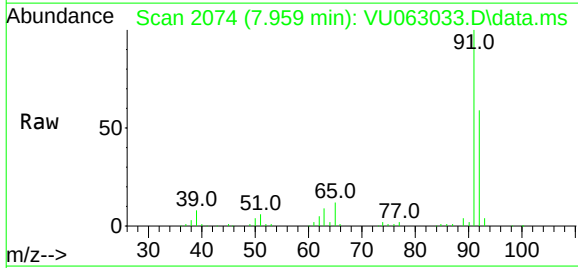
Acq: 27 Jan 2025 22:18

Instrument :

MSVOA_U

ClientSampleId :

E2944MS

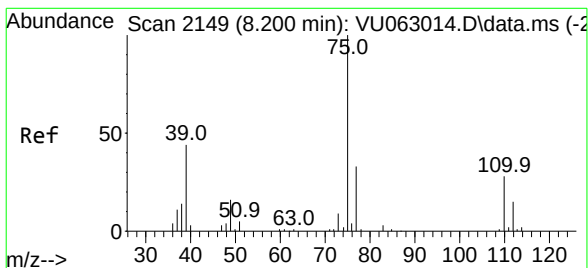
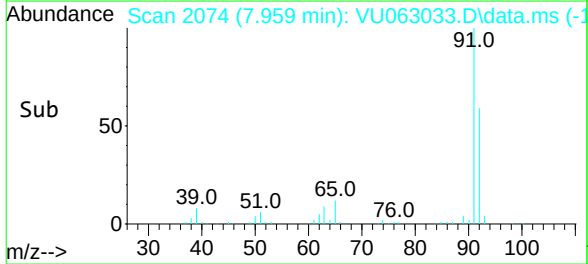
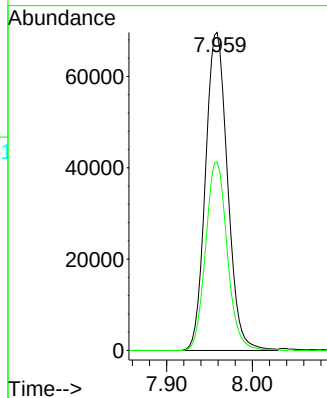


Tgt Ion: 91 Resp: 124577

Ion Ratio Lower Upper

91 100

92 59.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.960 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063033.D

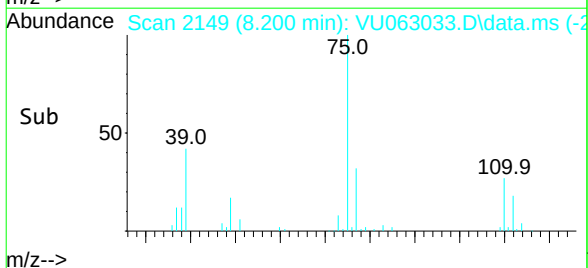
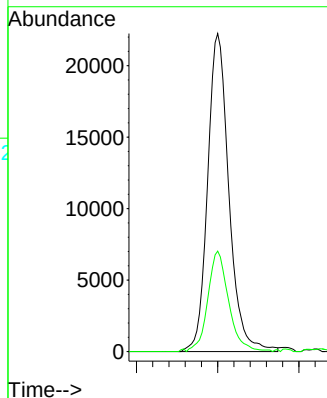
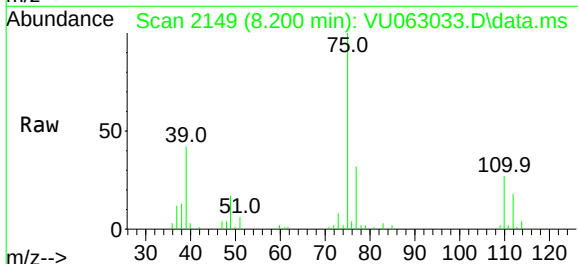
Acq: 27 Jan 2025 22:18

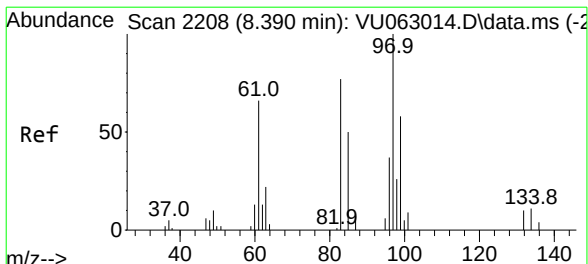
Tgt Ion: 75 Resp: 40509

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6

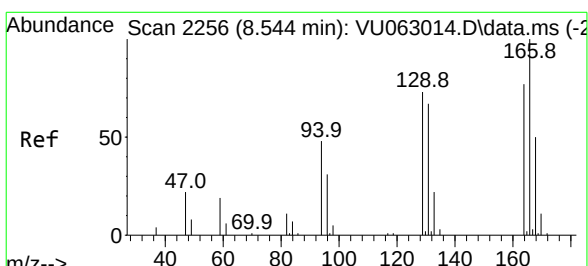
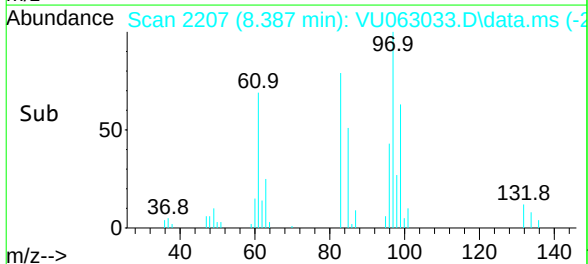
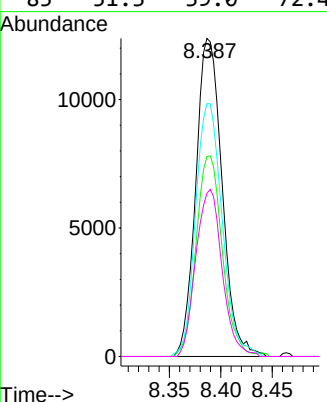
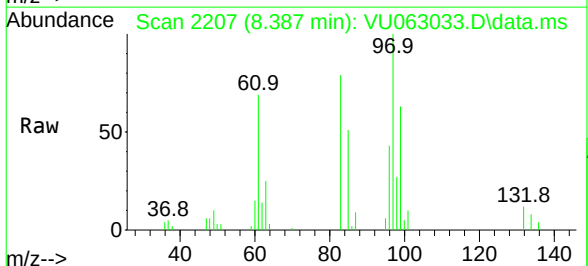




#45
 1,1,2-Trichloroethane
 Concen: 4.960 ug/L
 RT: 8.387 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

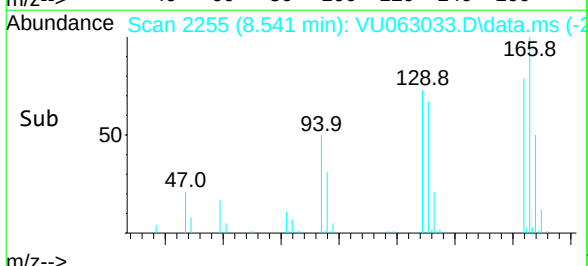
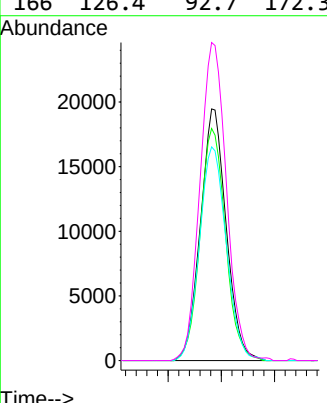
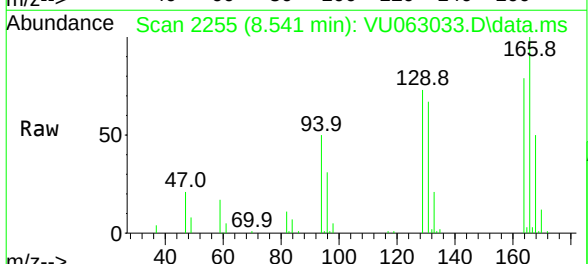
Instrument :
 MSVOA_U
 ClientSampleId :
 E2944MS

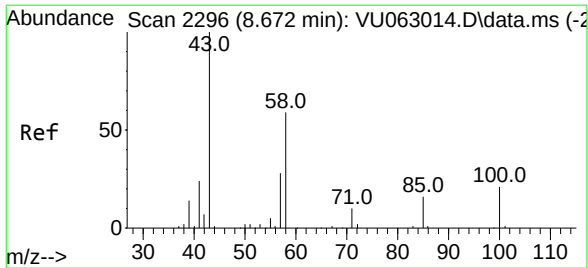
Tgt Ion:	97	Resp:	21986
Ion	Ratio	Lower	Upper
97	100		
99	62.9	45.6	84.6
83	79.5	63.0	117.0
85	51.3	39.0	72.4



#47
 Tetrachloroethene
 Concen: 5.291 ug/L
 RT: 8.541 min Scan# 2255
 Delta R.T. -0.003 min
 Lab File: VU063033.D
 Acq: 27 Jan 2025 22:18

Tgt Ion:	164	Resp:	32748
Ion	Ratio	Lower	Upper
164	100		
129	92.2	71.0	131.9
131	84.9	69.4	129.0
166	126.4	92.7	172.3

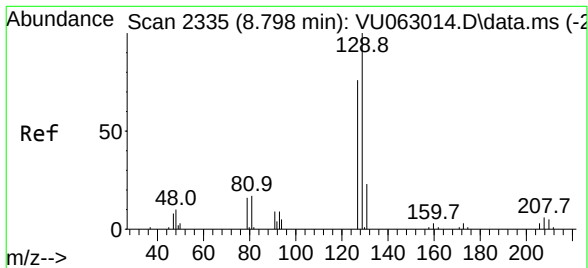
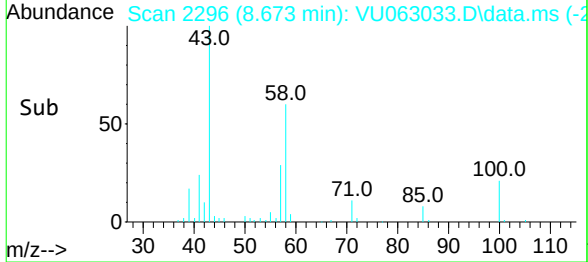
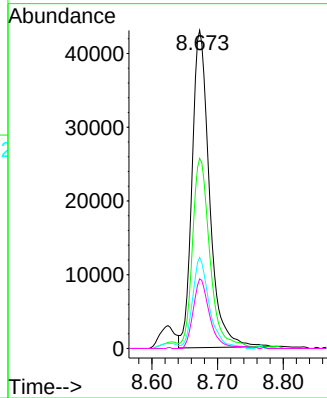
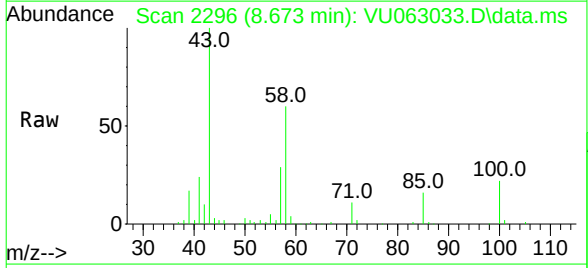




#48
2-Hexanone
Concen: 50.313 ug/L
RT: 8.673 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

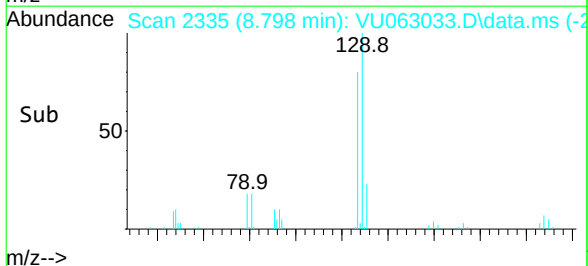
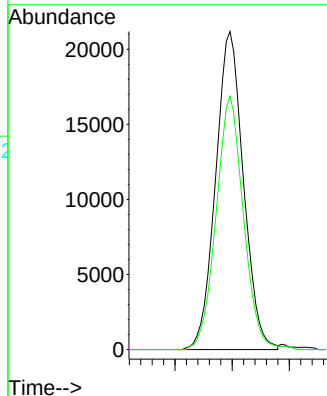
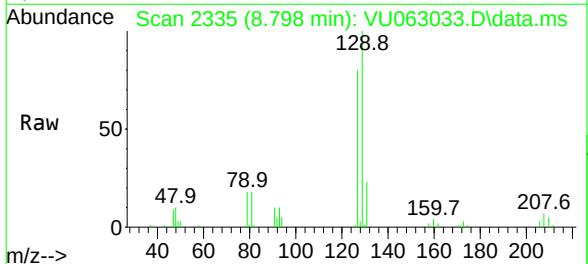
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

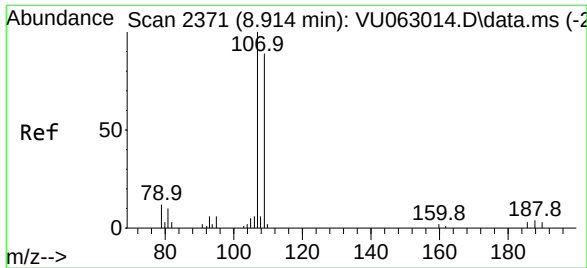
Tgt Ion: 43	Resp: 79290
Ion Ratio	Lower Upper
43 100	
58 59.0	50.2 75.4
57 27.7	19.9 29.9
100 20.9	12.6 18.8



#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion: 129	Resp: 35777
Ion Ratio	Lower Upper
129 100	
127 79.7	52.1 96.9





#50

1,2-Dibromoethane

Concen: 5.219 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU063033.D

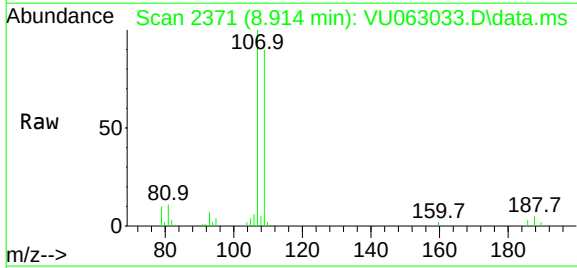
Acq: 27 Jan 2025 22:18

Instrument :

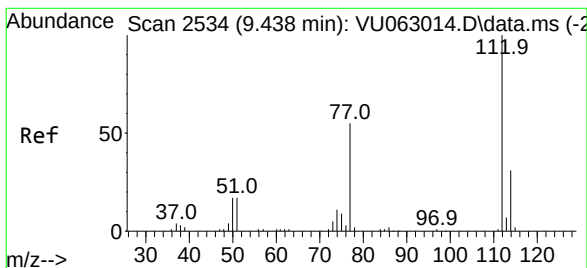
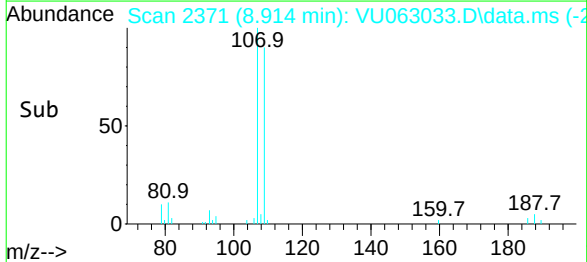
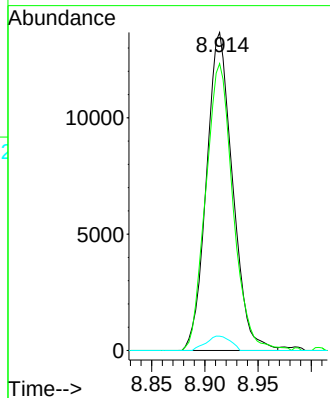
MSVOA_U

ClientSampleId :

E2944MS



Tgt Ion:	107	Resp:	23370
Ion	Ratio	Lower	Upper
107	100		
109	90.2	65.7	121.9
188	4.5	3.4	5.2



#51

Chlorobenzene

Concen: 5.089 ug/L

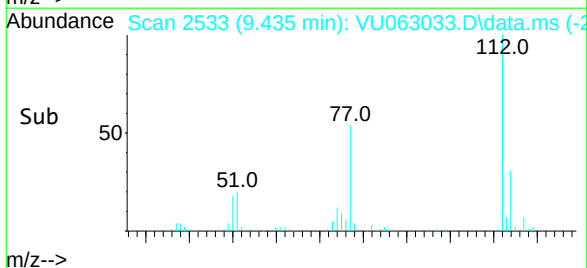
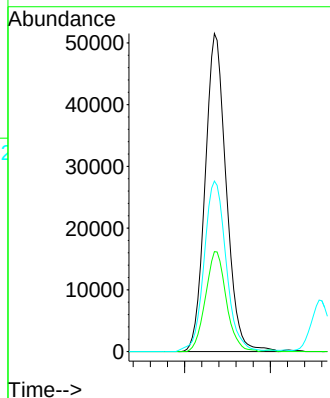
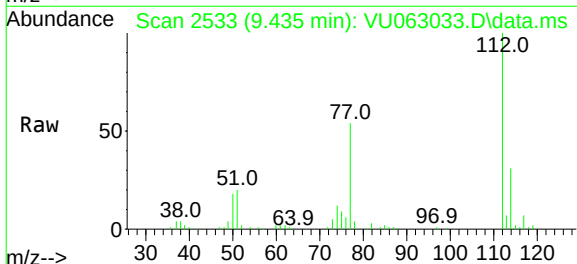
RT: 9.435 min Scan# 2533

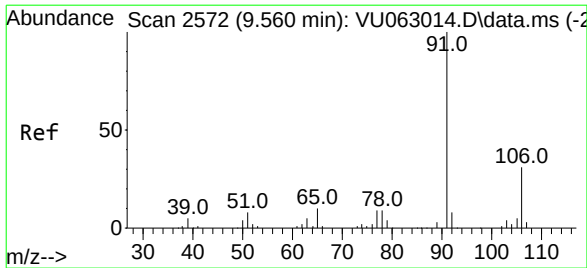
Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Tgt Ion:	112	Resp:	87833
Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.7	40.3
77	53.6	48.6	73.0

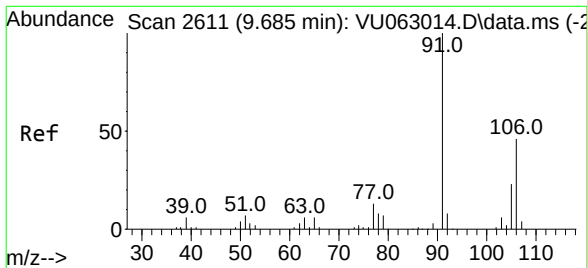
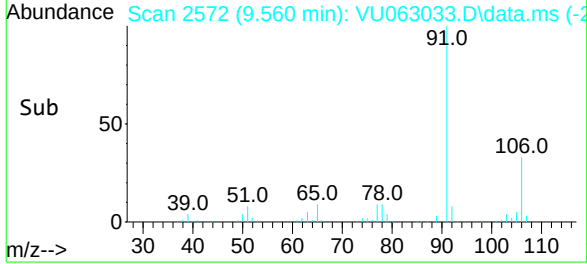
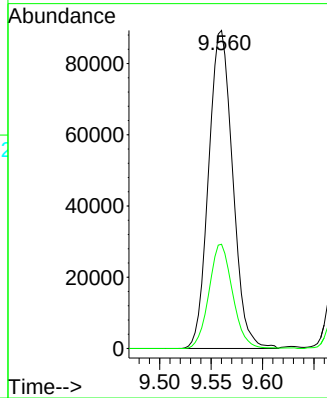
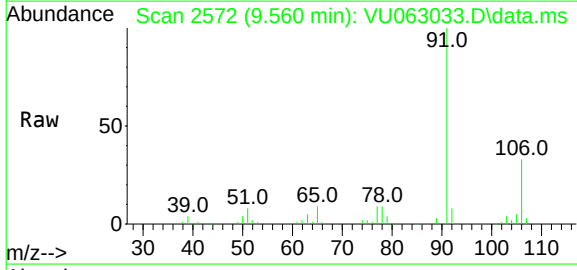




#52
Ethylbenzene
Concen: 5.006 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

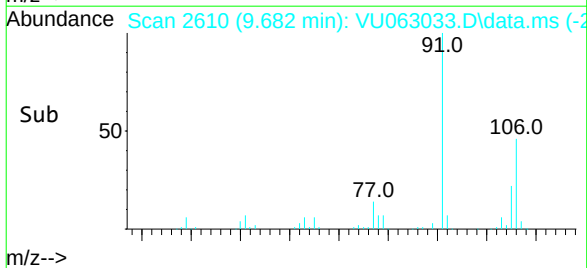
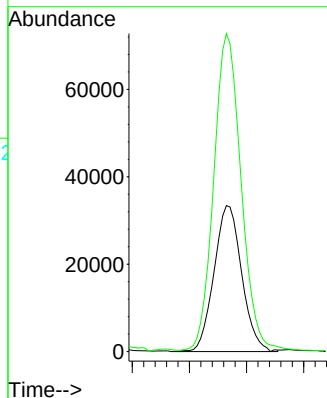
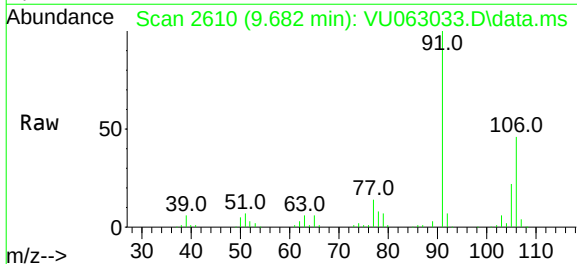
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

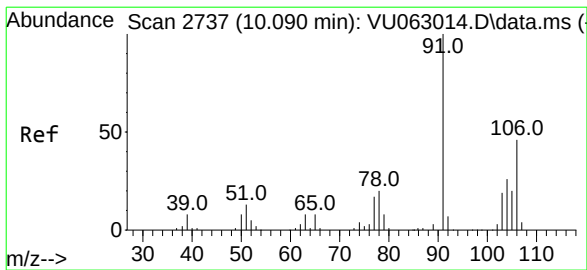
Tgt Ion: 91 Resp: 145204
Ion Ratio Lower Upper
91 100
106 32.8 21.9 40.7



#53
m,p-Xylene
Concen: 5.013 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion:106 Resp: 56158
Ion Ratio Lower Upper
106 100
91 217.9 153.1 284.3





#54

o-Xylene

Concen: 5.455 ug/L

RT: 10.087 min Scan# 2737

Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Instrument :

MSVOA_U

ClientSampleId :

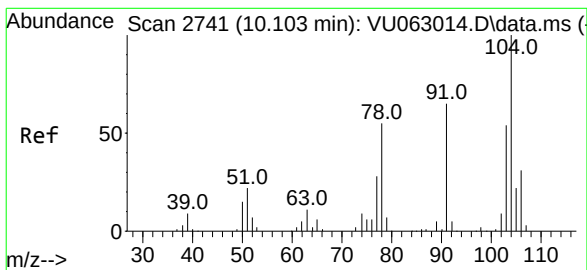
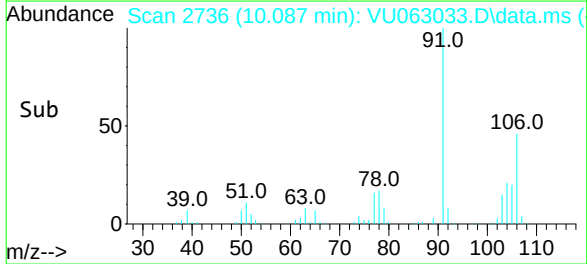
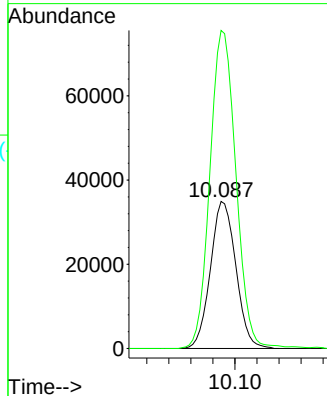
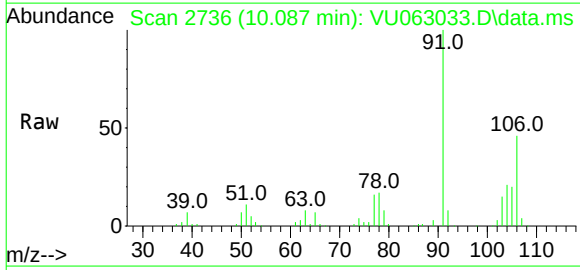
E2944MS

Tgt Ion:106 Resp: 55984

Ion Ratio Lower Upper

106 100

91 216.3 160.4 297.8



#55

Styrene

Concen: 5.442 ug/L

RT: 10.104 min Scan# 2741

Delta R.T. 0.000 min

Lab File: VU063033.D

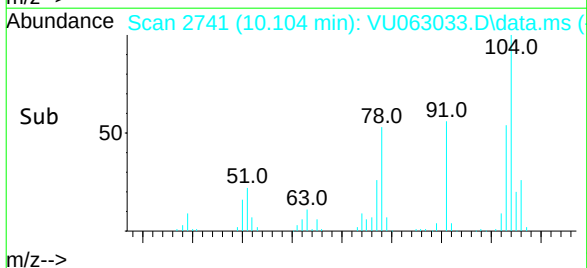
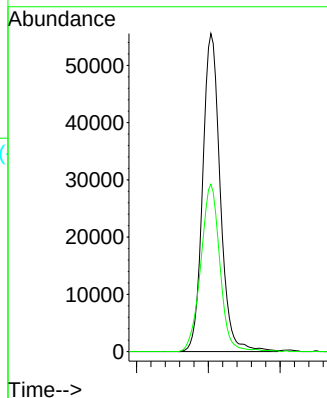
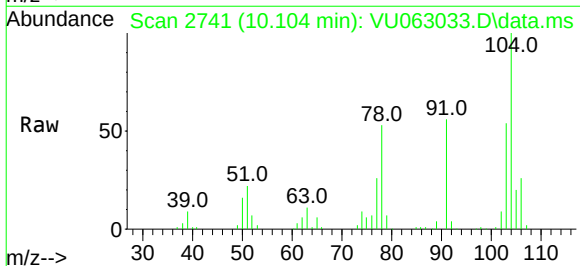
Acq: 27 Jan 2025 22:18

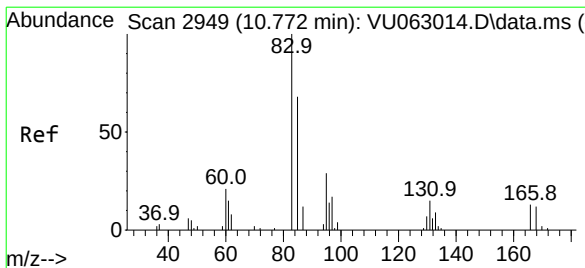
Tgt Ion:104 Resp: 94418

Ion Ratio Lower Upper

104 100

78 52.6 35.5 65.9

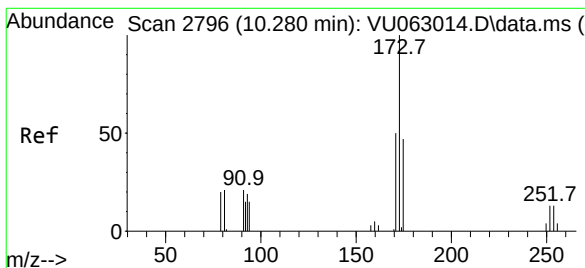
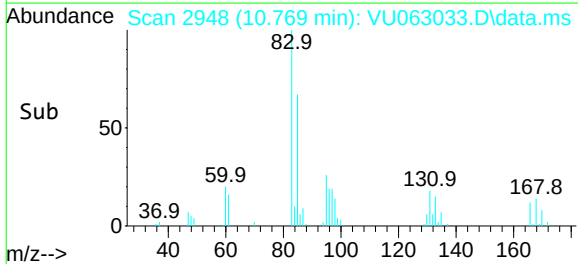
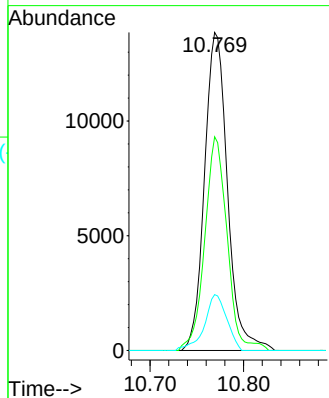
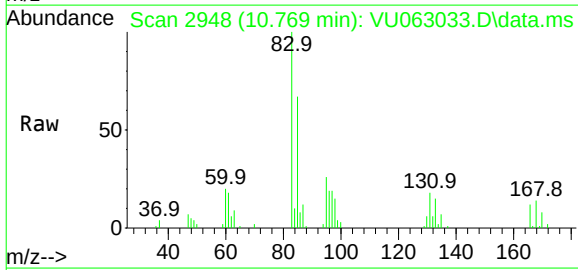




#57
1,1,2,2-Tetrachloroethane
Concen: 4.776 ug/L
RT: 10.769 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

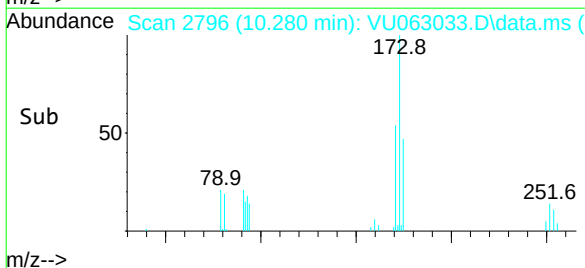
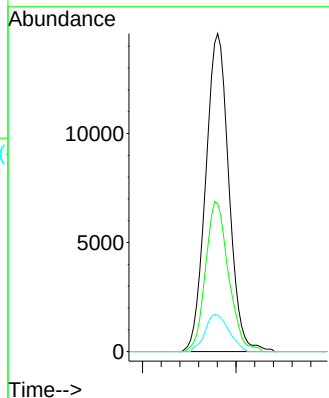
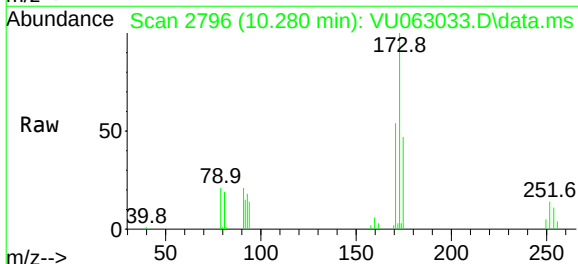
Instrument :
MSVOA_U
ClientSampleId :
E2944MS

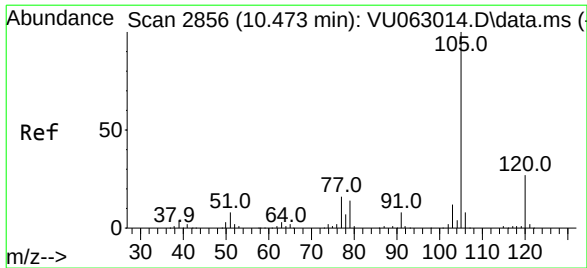
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	43.0	79.8
131	17.6	7.4	11.0



#59
Bromoform
Concen: 4.893 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063033.D
Acq: 27 Jan 2025 22:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.9	39.8	59.8
254	12.1	8.6	12.8





#60

Isopropylbenzene

Concen: 4.782 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

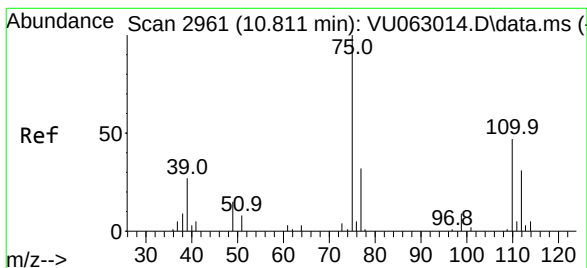
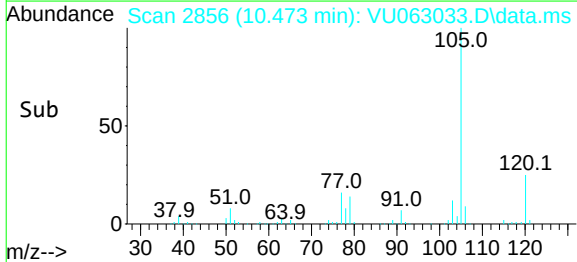
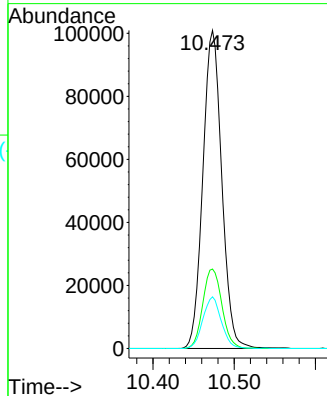
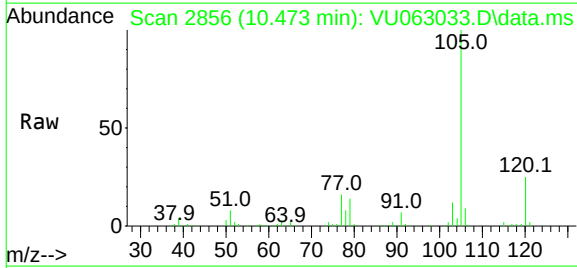
Instrument :

MSVOA_U

ClientSampleId :

E2944MS

Tgt Ion:	105	Resp:	163170
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.2	30.2
77	15.8	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 4.296 ug/L

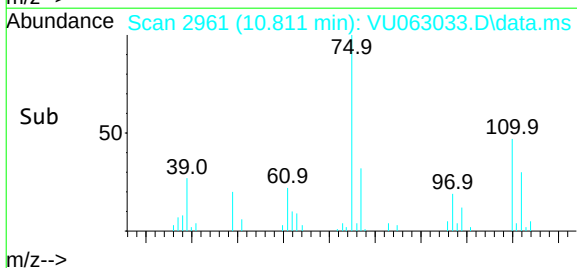
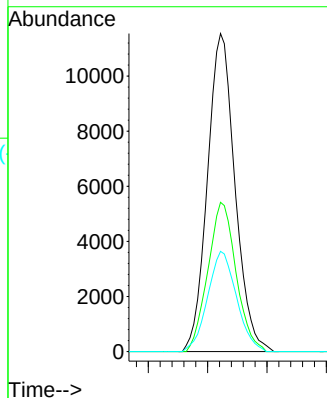
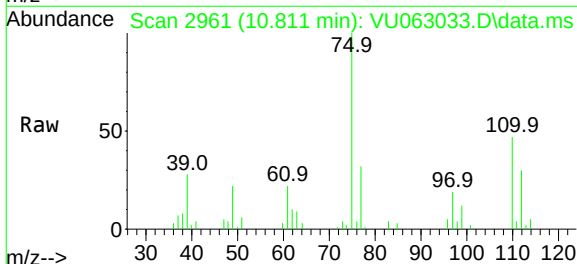
RT: 10.811 min Scan# 2961

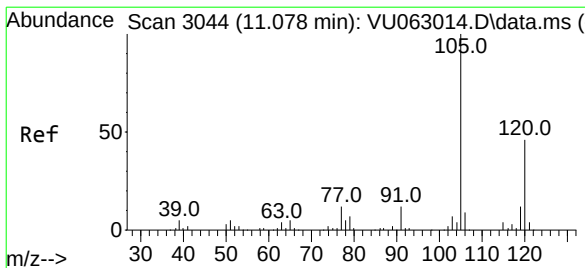
Delta R.T. 0.000 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Tgt Ion:	75	Resp:	18615
Ion Ratio	Lower	Upper	
75	100		
110	47.9	33.2	49.8
77	33.0	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.709 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Instrument :

MSVOA_U

ClientSampleId :

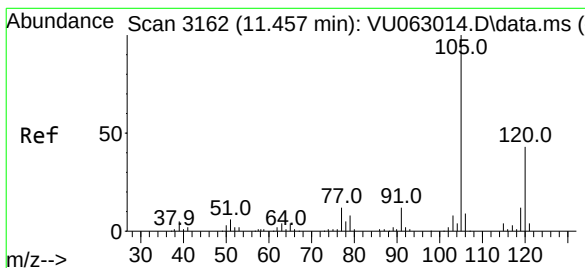
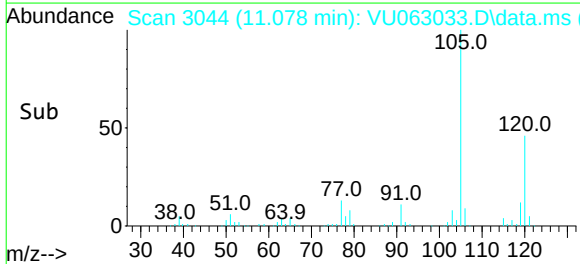
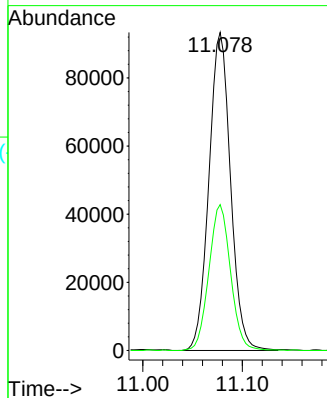
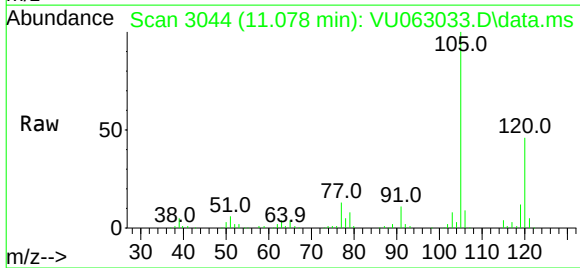
E2944MS

Tgt Ion:105 Resp: 140875

Ion Ratio Lower Upper

105 100

120 46.0 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.029 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063033.D

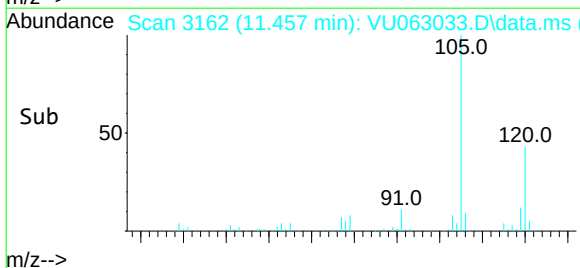
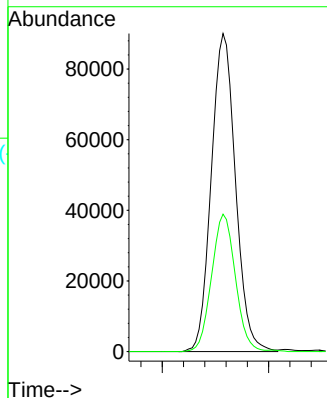
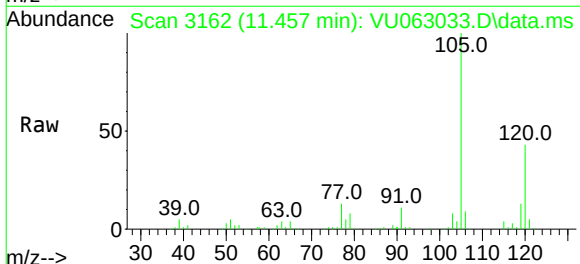
Acq: 27 Jan 2025 22:18

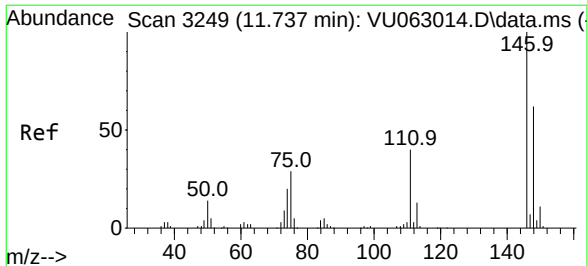
Tgt Ion:105 Resp: 142278

Ion Ratio Lower Upper

105 100

120 42.4 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 4.856 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063033.D

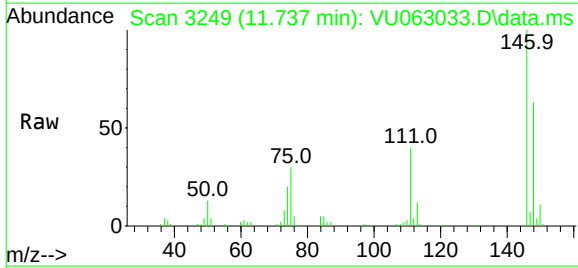
Acq: 27 Jan 2025 22:18

Instrument :

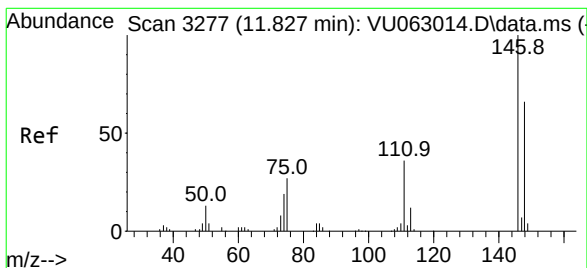
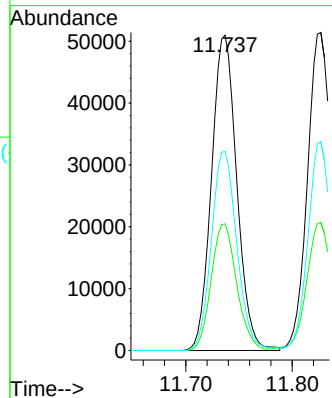
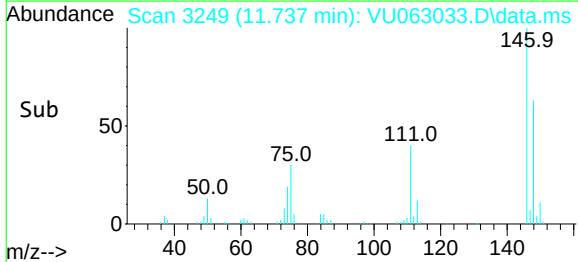
MSVOA_U

ClientSampleId :

E2944MS



Tgt Ion:	146	Resp:	84110
Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.6	53.0
148	63.2	44.0	81.6



#65

1,4-Dichlorobenzene

Concen: 4.791 ug/L

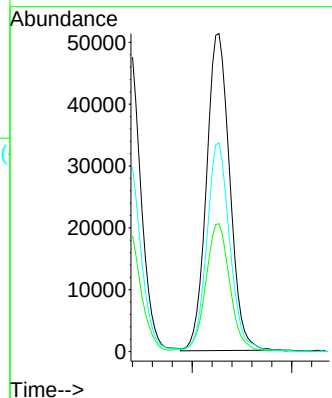
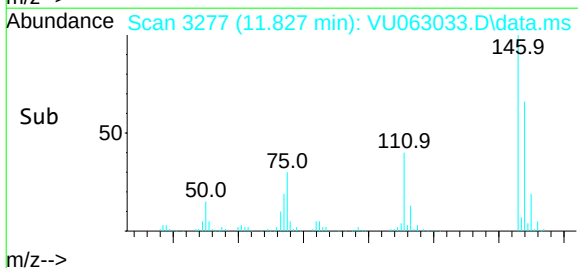
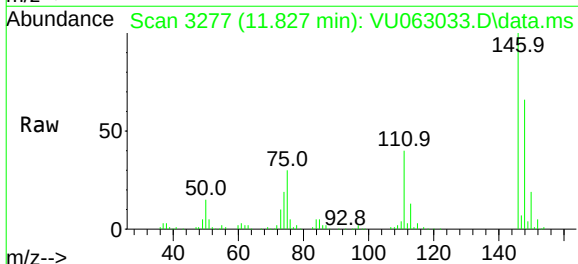
RT: 11.827 min Scan# 3277

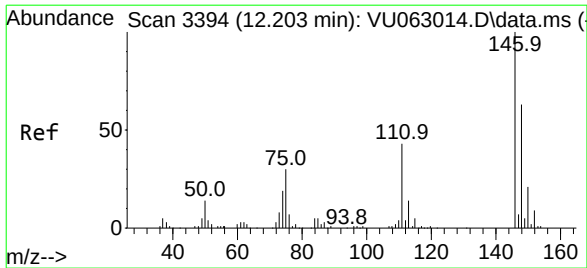
Delta R.T. 0.000 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Tgt Ion:	146	Resp:	83252
Ion	Ratio	Lower	Upper
146	100		
111	40.2	29.5	54.9
148	65.7	45.1	83.9





#67

1,2-Dichlorobenzene

Concen: 4.831 ug/L

RT: 12.200 min Scan# 33

Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Instrument :

MSVOA_U

ClientSampleId :

E2944MS

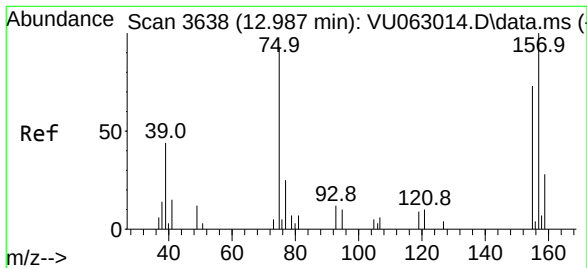
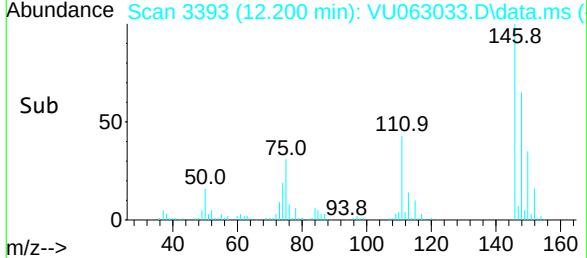
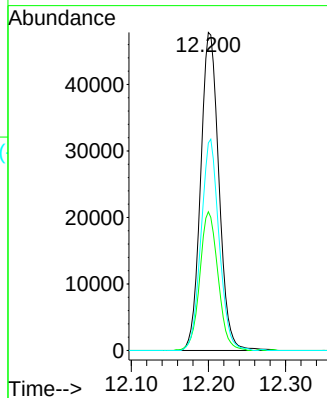
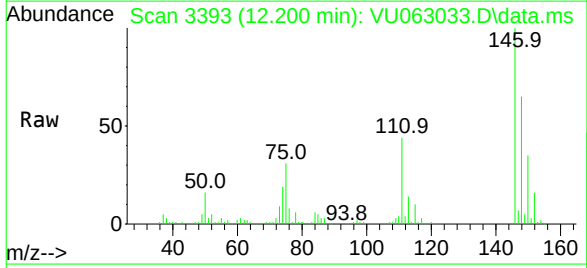
Tgt Ion:146 Resp: 78731

Ion Ratio Lower Upper

146 100

111 43.6 36.3 54.5

148 65.2 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.198 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

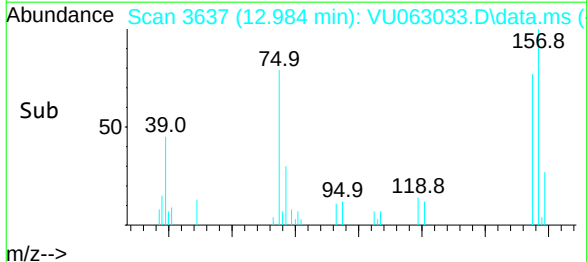
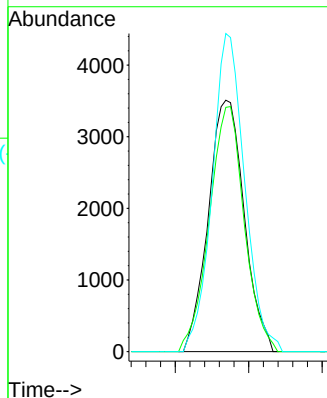
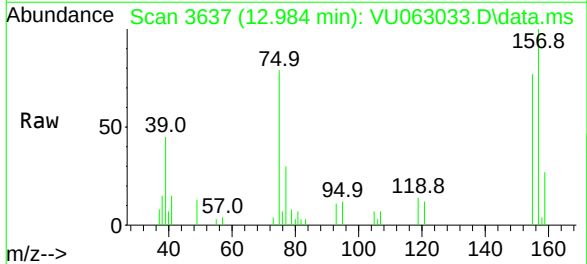
Tgt Ion: 75 Resp: 5956

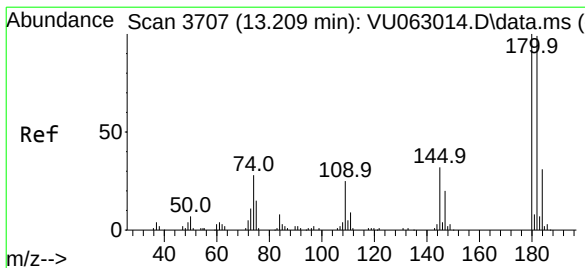
Ion Ratio Lower Upper

75 100

155 97.2 59.6 89.4#

157 126.5 70.8 106.2#





#69

1,3,5-Trichlorobenzene

Concen: 5.230 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU063033.D

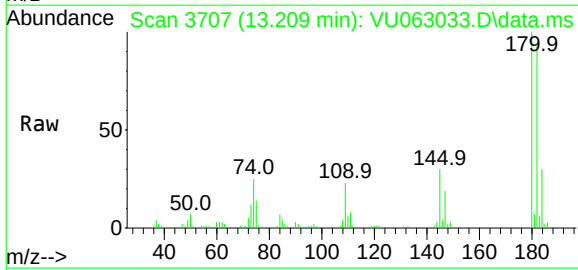
Acq: 27 Jan 2025 22:18

Instrument :

MSVOA_U

ClientSampleId :

E2944MS



Tgt Ion:180 Resp: 72374

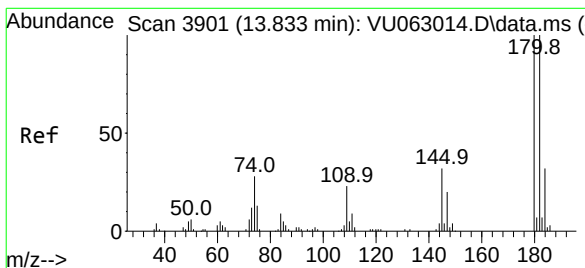
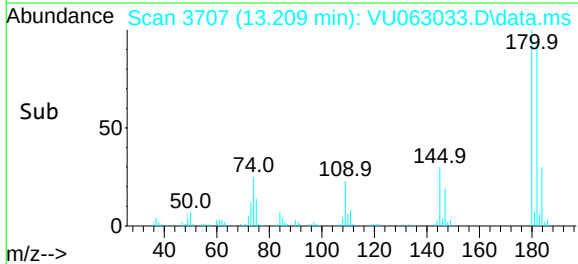
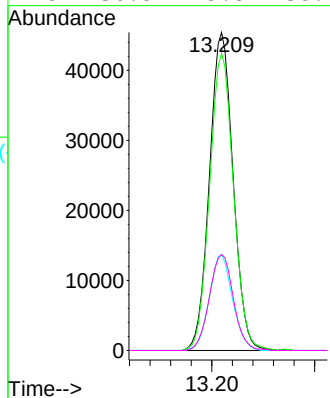
Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.8

184 29.7 24.7 37.1

145 30.8 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.635 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

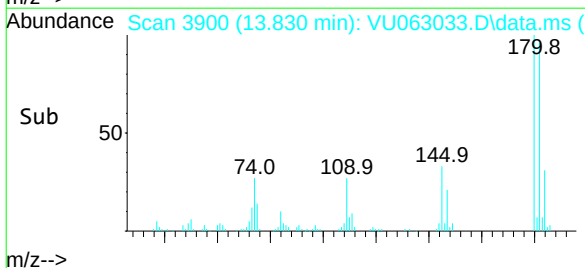
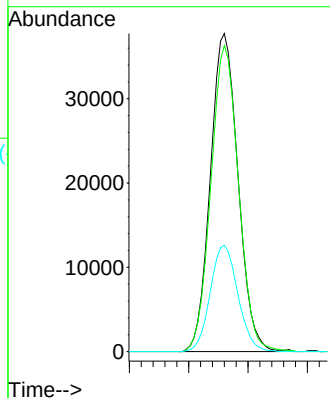
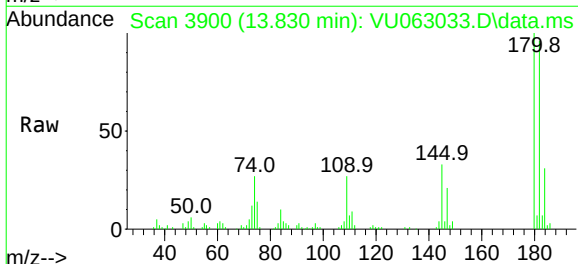
Tgt Ion:180 Resp: 61022

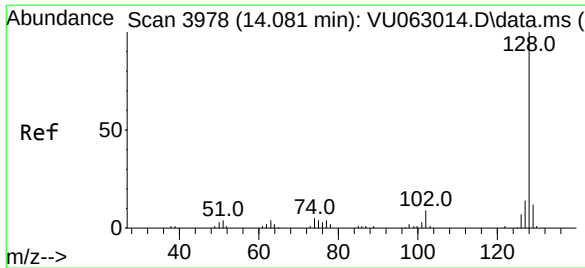
Ion Ratio Lower Upper

180 100

182 96.1 77.1 115.7

145 33.4 26.9 40.3





#71

Naphthalene

Concen: 7.173 ug/L

RT: 14.078 min Scan# 39

Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

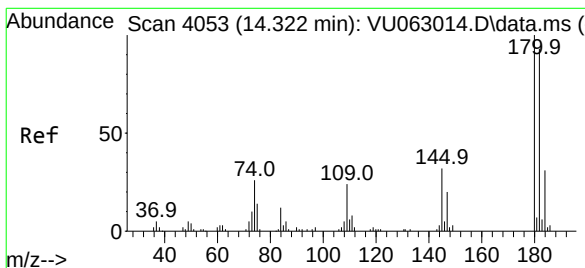
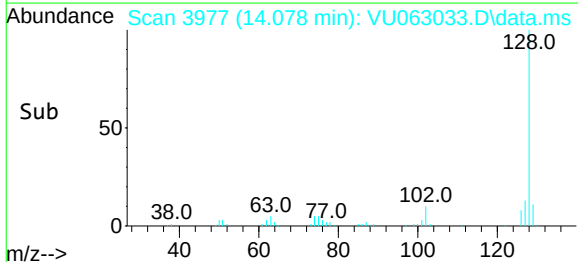
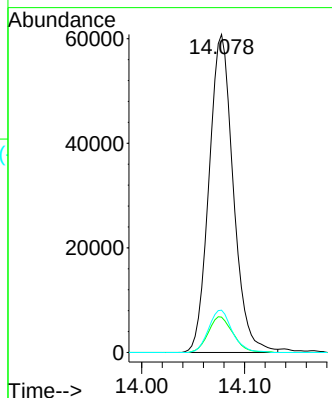
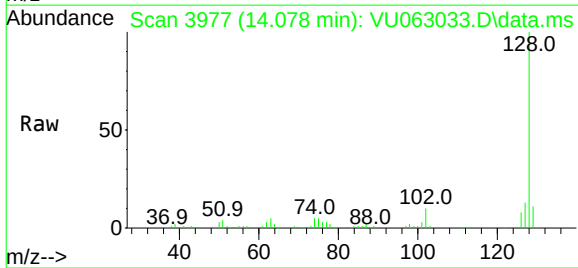
Instrument :

MSVOA_U

ClientSampleId :

E2944MS

Tgt Ion:	128	Resp:	99683
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	13.0	10.2	15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.878 ug/L

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063033.D

Acq: 27 Jan 2025 22:18

Tgt Ion:	180	Resp:	55001
Ion	Ratio	Lower	Upper
180	100		
182	96.9	79.8	119.6
145	33.7	29.2	43.8

