

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063184.D
 Acq On : 06 Feb 2025 02:35
 Operator : MD/SY
 Sample : Q1226-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN9

Quant Time: Feb 06 08:12:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

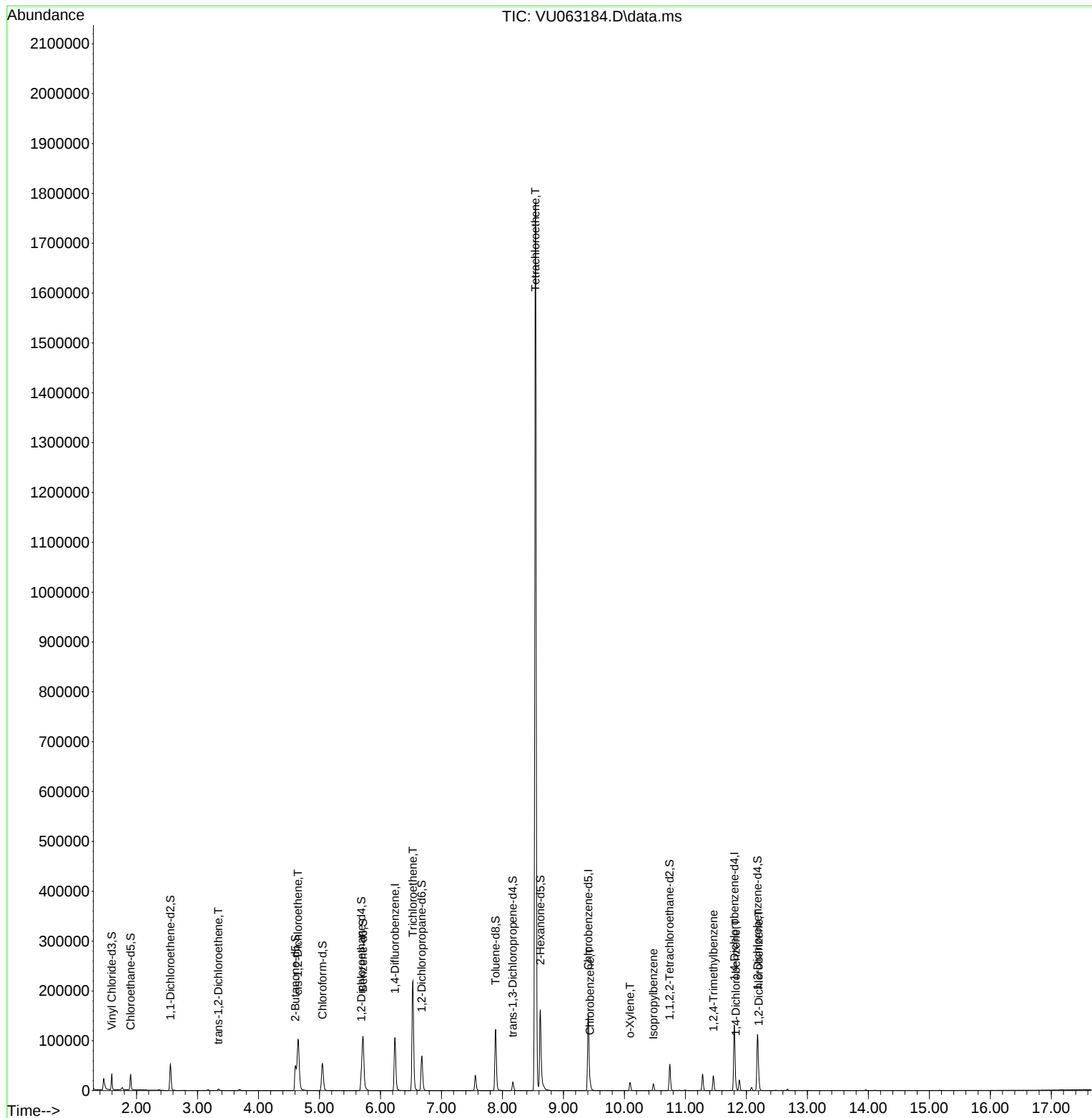
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90065	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20961	4.069	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.904	69	21992	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.557	65	9894	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.605	46	73312	43.227	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.460%
24) Chloroform-d	5.049	84	52010	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.688	65	27761	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.714	84	104162	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.676	67	35317	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	86533	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.171	79	11238	4.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.621	63	57254	41.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.380%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27831	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	30001	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
18) trans-1,2-Dichloroethene	3.341	96	1518	0.243	ug/L	90
22) cis-1,2-Dichloroethene	4.650	96	53594	7.675	ug/L	97
34) Trichloroethene	6.531	95	78700	10.986	ug/L	99
47) Tetrachloroethene	8.540	164	386768	76.877	ug/L	99
51) Chlorobenzene	9.438	112	7794	0.438	ug/L	97
54) o-Xylene	10.093	106	4653	0.422	ug/L	99
60) Isopropylbenzene	10.476	105	9117	0.350	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	17377	0.881	ug/L	100
65) 1,4-Dichlorobenzene	11.826	146	2188	0.185	ug/L	93
67) 1,2-Dichlorobenzene	12.203	146	6655	0.604	ug/L	96

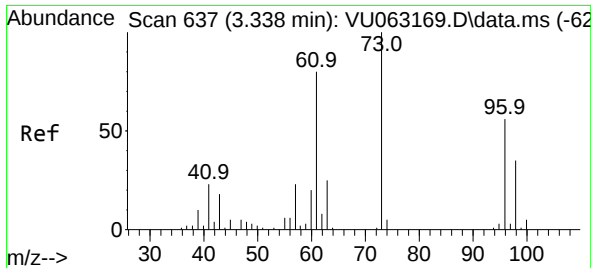
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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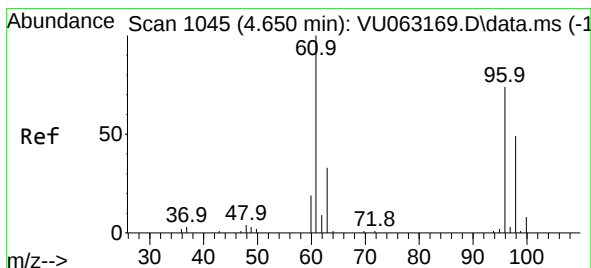
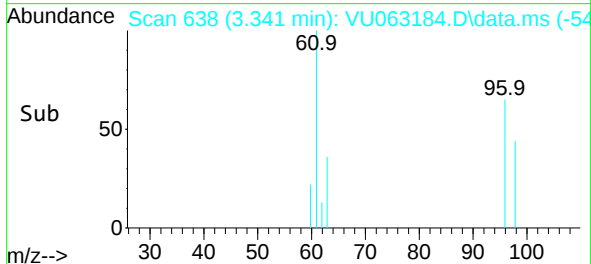
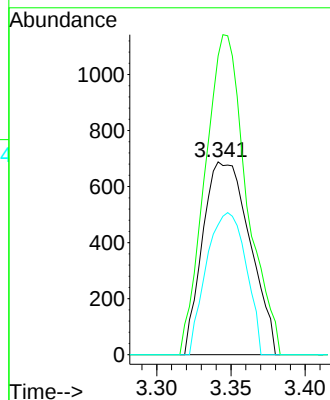
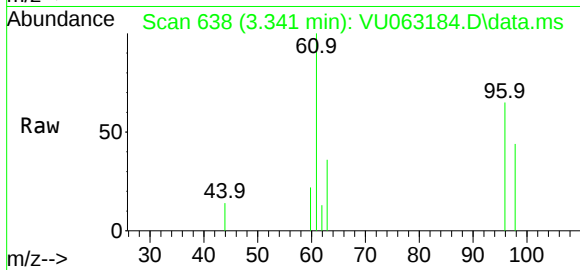




#18
 trans-1,2-Dichloroethene
 Concen: 0.243 ug/L
 RT: 3.341 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU063184.D
 Acq: 06 Feb 2025 02:35

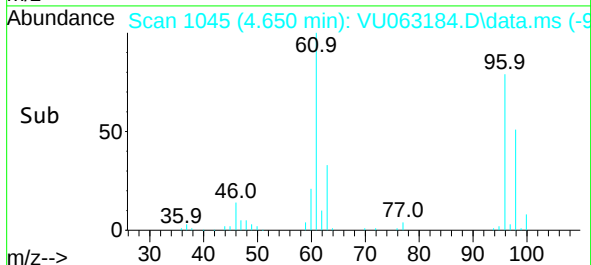
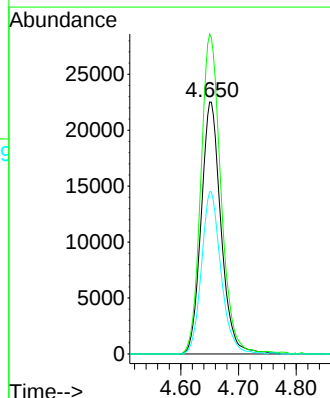
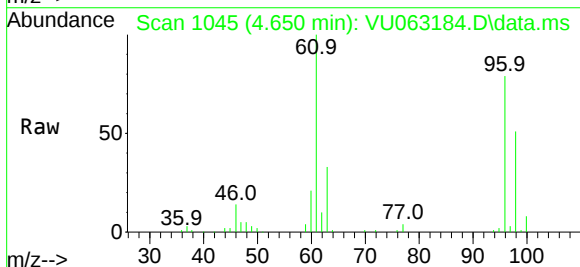
Instrument :
 MSVOA_U
 ClientSampleId :
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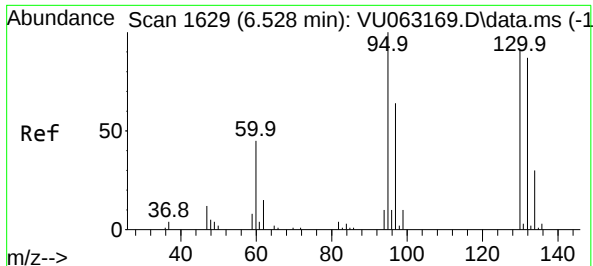
Tgt Ion: 96 Resp: 1518
 Ion Ratio Lower Upper
 96 100
 61 154.9 99.2 184.2
 98 67.4 43.2 80.2



#22
 cis-1,2-Dichloroethene
 Concen: 7.675 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU063184.D
 Acq: 06 Feb 2025 02:35

Tgt Ion: 96 Resp: 53594
 Ion Ratio Lower Upper
 96 100
 61 127.0 91.8 170.6
 98 64.4 44.4 82.4

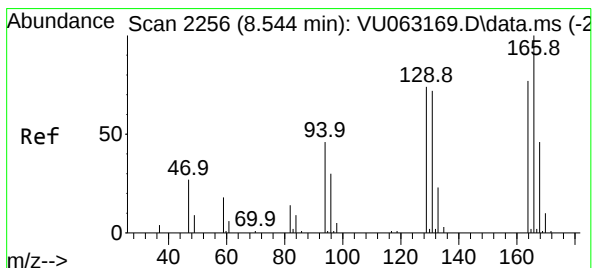
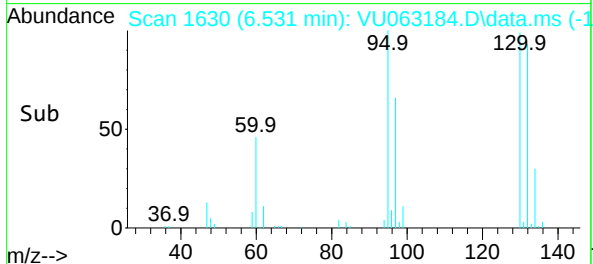
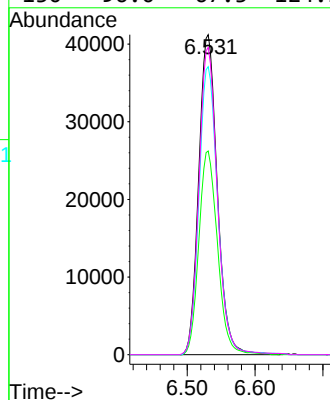
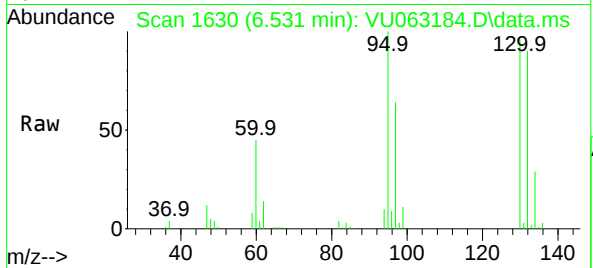




#34
Trichloroethene
Concen: 10.986 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063184.D
Acq: 06 Feb 2025 02:35

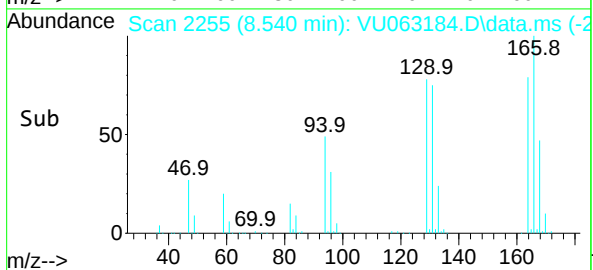
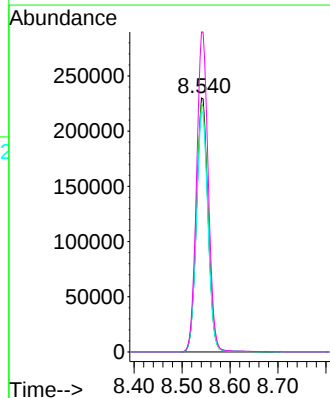
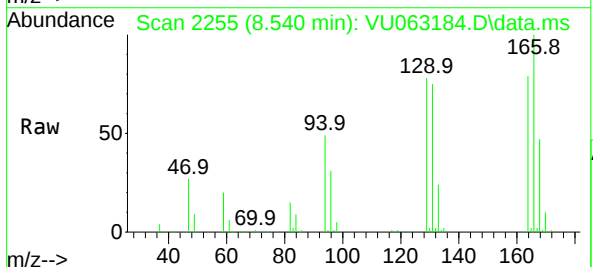
Instrument :
MSVOA_U
ClientSampleId :
DCZN9

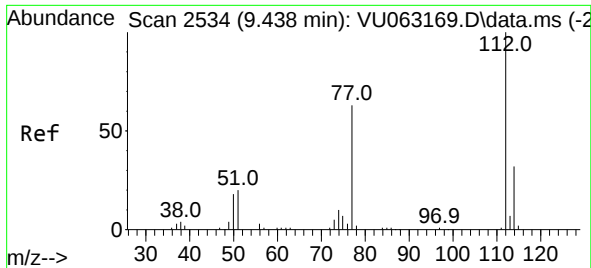
Tgt Ion: 95 Resp: 78700
Ion Ratio Lower Upper
95 100
97 63.6 46.7 86.7
132 90.0 62.4 115.8
130 96.0 67.3 124.9



#47
Tetrachloroethene
Concen: 76.877 ug/L
RT: 8.540 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063184.D
Acq: 06 Feb 2025 02:35

Tgt Ion:164 Resp: 386768
Ion Ratio Lower Upper
164 100
129 97.8 68.6 127.4
131 95.0 66.5 123.5
166 126.0 89.9 167.0

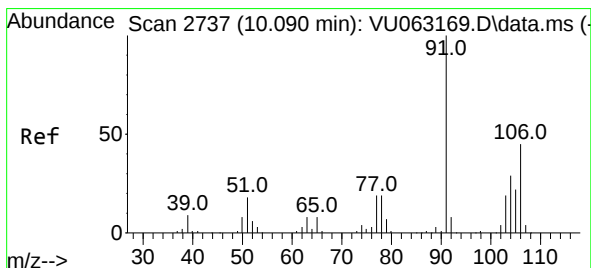
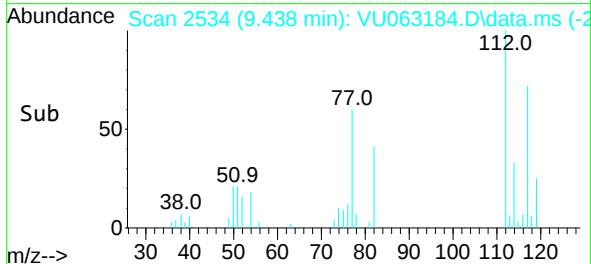
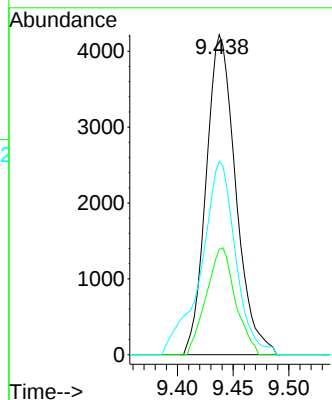
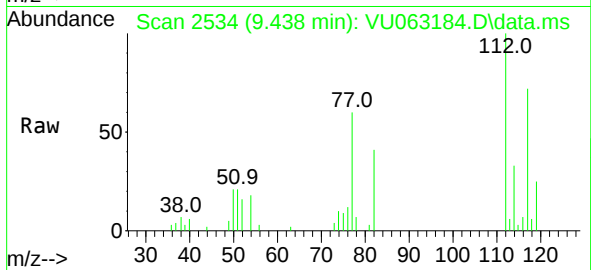




#51
Chlorobenzene
Concen: 0.438 ug/L
RT: 9.438 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063184.D
Acq: 06 Feb 2025 02:35

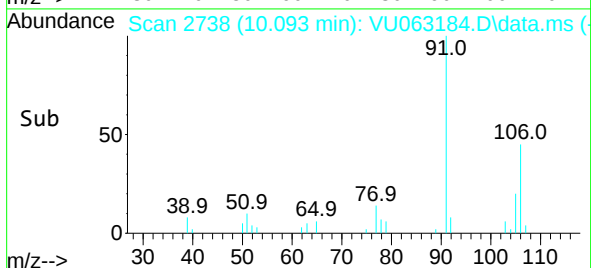
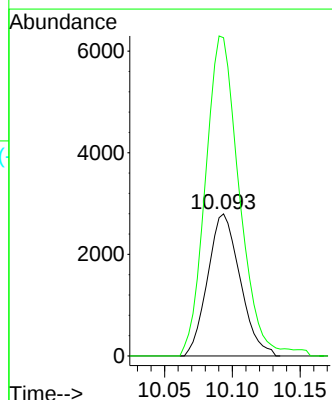
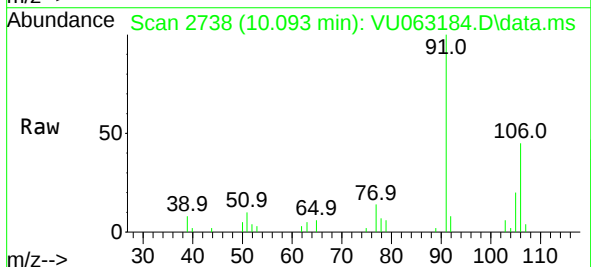
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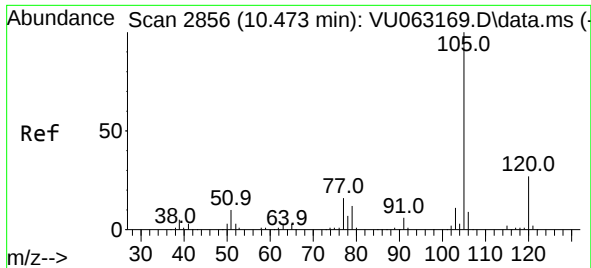
Tgt Ion:112 Resp: 7794
Ion Ratio Lower Upper
112 100
114 33.0 22.6 42.0
77 60.4 50.8 76.2



#54
o-Xylene
Concen: 0.422 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063184.D
Acq: 06 Feb 2025 02:35

Tgt Ion:106 Resp: 4653
Ion Ratio Lower Upper
106 100
91 223.9 155.4 288.6

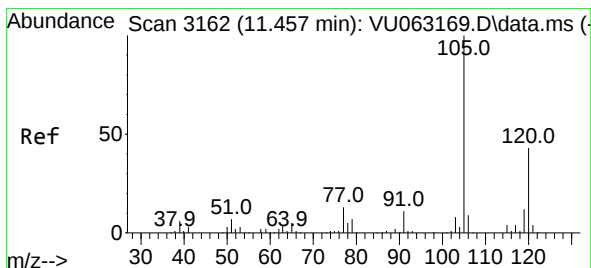
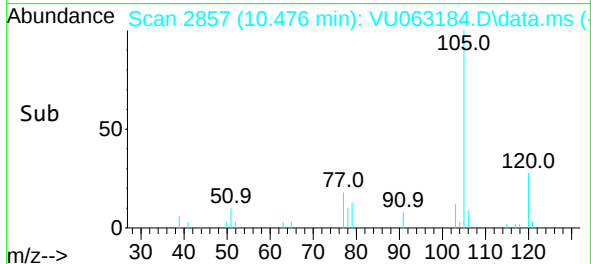
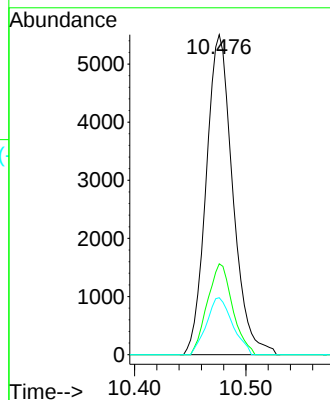
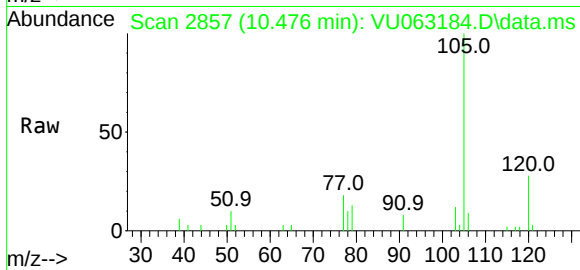




#60
Isopropylbenzene
Concen: 0.350 ug/L
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063184.D
Acq: 06 Feb 2025 02:35

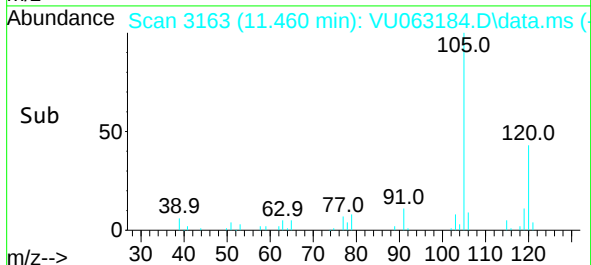
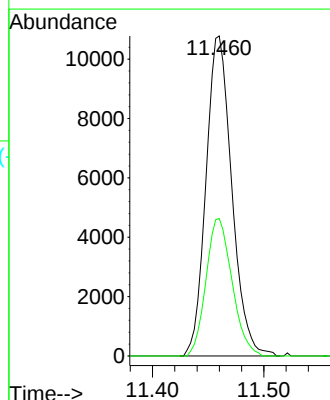
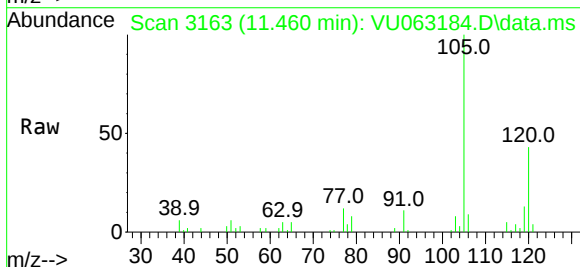
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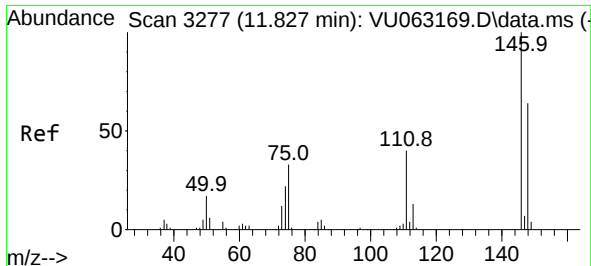
Tgt Ion:105 Resp: 9117
Ion Ratio Lower Upper
105 100
120 26.9 20.8 31.2
77 17.4 13.3 19.9



#63
1,2,4-Trimethylbenzene
Concen: 0.881 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063184.D
Acq: 06 Feb 2025 02:35

Tgt Ion:105 Resp: 17377
Ion Ratio Lower Upper
105 100
120 43.2 34.7 52.1

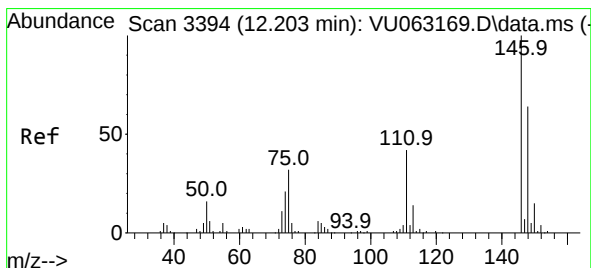
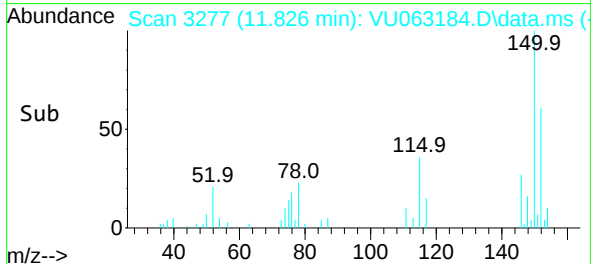
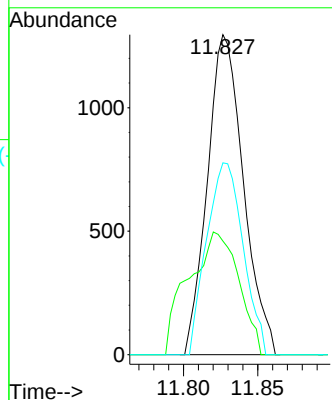
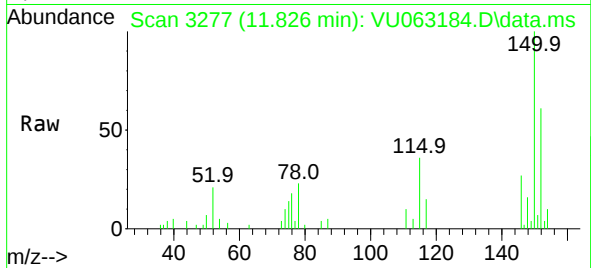




#65
1,4-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.826 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063184.D
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Instrument :
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Tgt Ion:146 Resp: 2188
Ion Ratio Lower Upper
146 100
111 35.5 28.5 52.9
148 60.0 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 0.604 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063184.D
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Tgt Ion:146 Resp: 6655
Ion Ratio Lower Upper
146 100
111 47.1 34.1 51.1
148 64.4 52.5 78.7

