

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062311.D
 Acq On : 13 Dec 2024 14:33
 Operator : MD/SY
 Sample : P5262-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2AW1

Quant Time: Dec 14 03:49:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

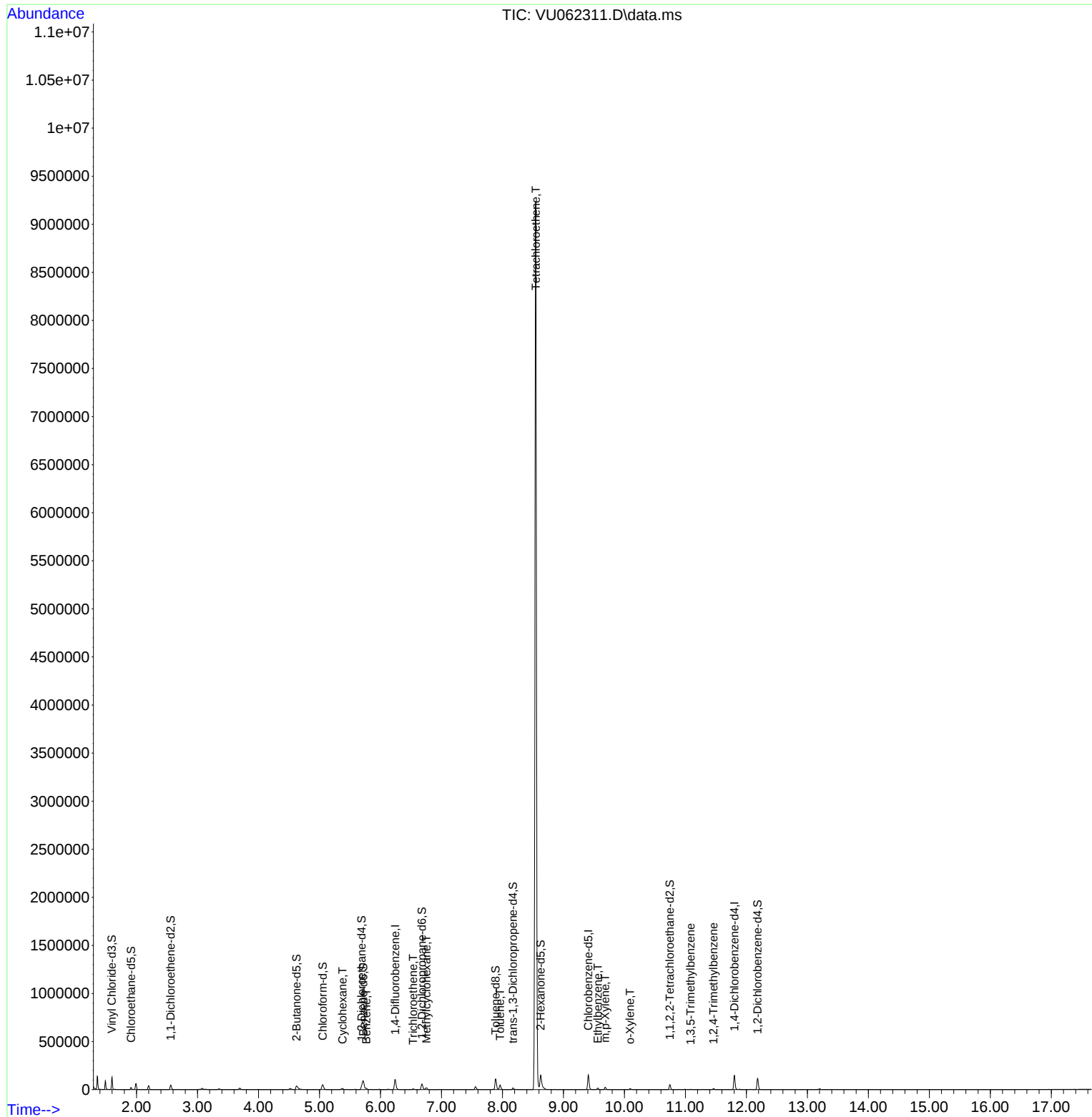
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91628	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18088	2.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.911	69	15910	3.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	8835	3.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.624	46	64208	54.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.052	84	51369	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.692	65	29447	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	90709	3.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	6.679	67	28561	3.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.888	98	79413	3.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.174	79	11976	3.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.627	63	49943	52.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25465	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	32644	4.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
30) Cyclohexane	5.377	56	5558	0.557	ug/L	94
33) Benzene	5.769	78	12524	0.462	ug/L	100
34) Trichloroethene	6.534	95	3209	0.418	ug/L	94
35) Methylcyclohexane	6.753	83	8305	0.729	ug/L	98
42) Toluene	7.962	91	37678	1.289	ug/L	95
47) Tetrachloroethene	8.547	164	2061012	347.623	ug/L	96
52) Ethylbenzene	9.563	91	13355	0.408	ug/L	100
53) m,p-Xylene	9.685	106	7575	0.626	ug/L	92
54) o-Xylene	10.094	106	3340	0.284	ug/L	85
62) 1,3,5-Trimethylbenzene	11.084	105	2639	0.105	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	7831	0.318	ug/L	95

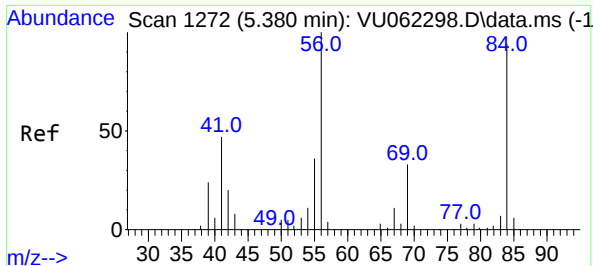
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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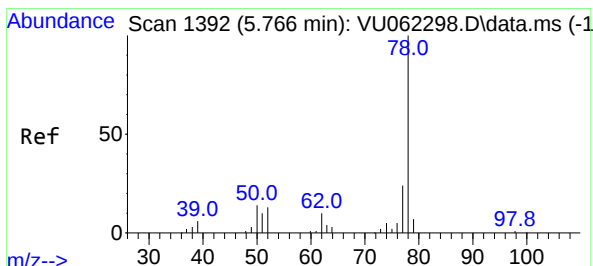
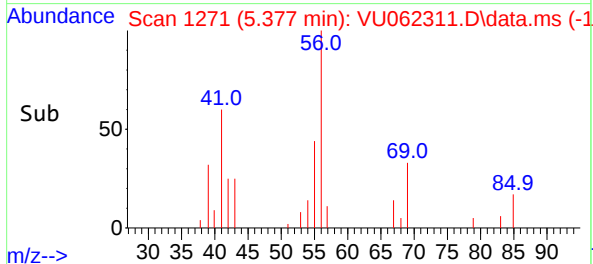
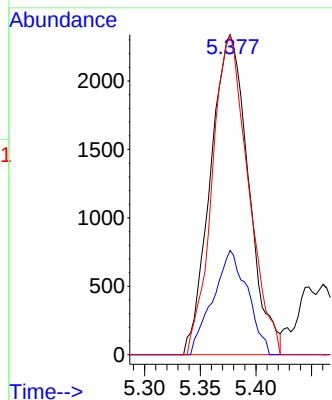
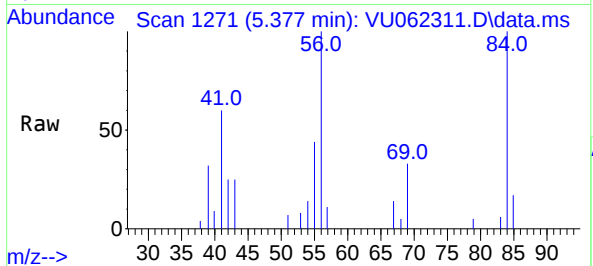




#30
Cyclohexane
Concen: 0.557 ug/L
RT: 5.377 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

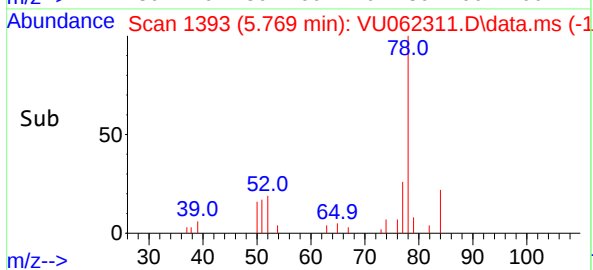
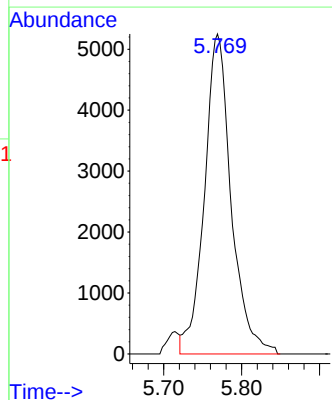
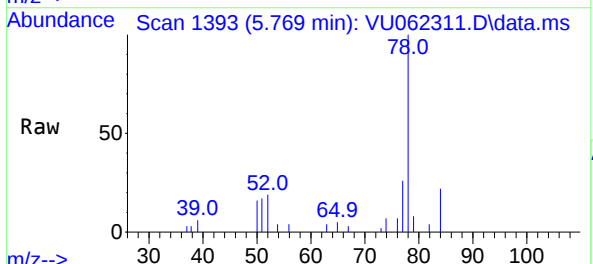
Instrument :
MSVOA_U
ClientSampleId :
E2AW1

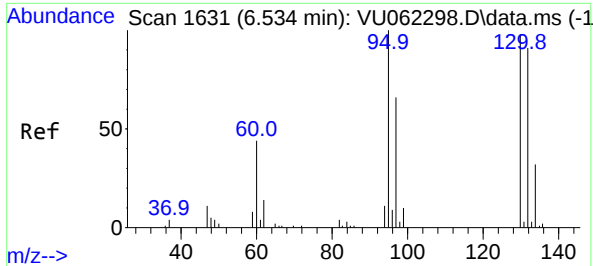
Tgt Ion: 56 Resp: 5558
Ion Ratio Lower Upper
56 100
69 29.7 25.1 37.7
84 94.5 70.6 105.8



#33
Benzene
Concen: 0.462 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion: 78 Resp: 12524

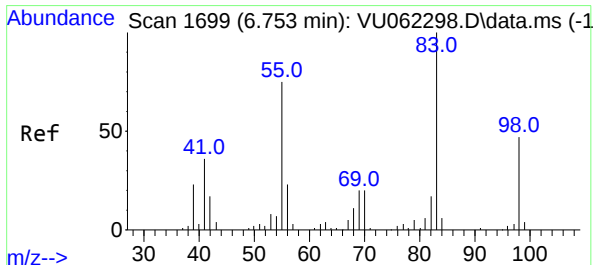
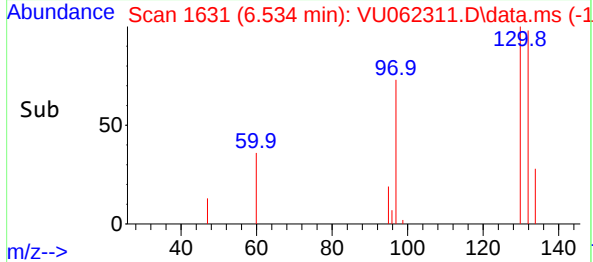
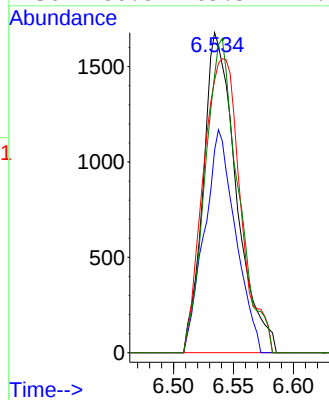
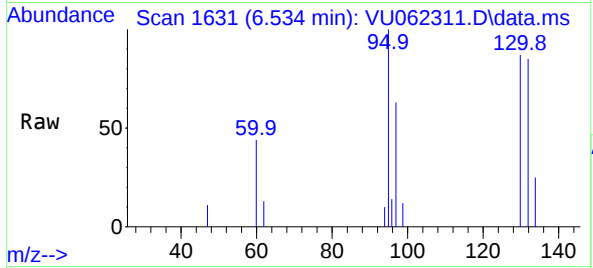




#34
Trichloroethene
Concen: 0.418 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

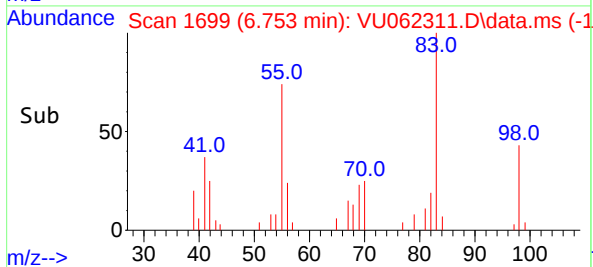
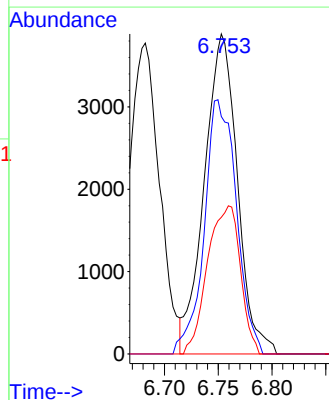
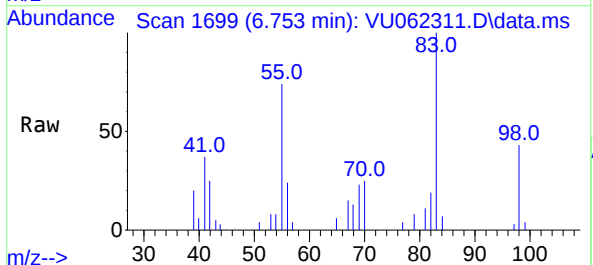
Instrument :
MSVOA_U
ClientSampleId :
E2AW1

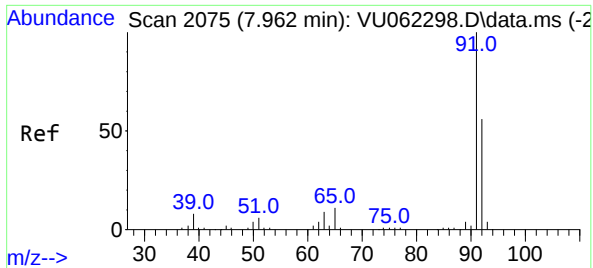
Tgt Ion: 95 Resp: 3209
Ion Ratio Lower Upper
95 100
97 63.3 45.9 85.3
132 85.1 63.8 118.4
130 86.8 65.5 121.7



#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion: 83 Resp: 8305
Ion Ratio Lower Upper
83 100
55 77.3 60.7 91.1
98 46.0 34.8 52.2

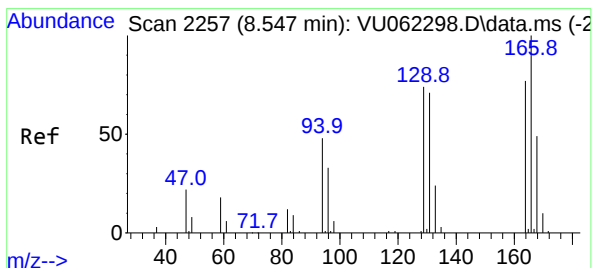
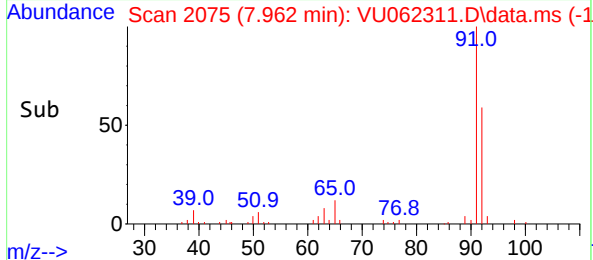
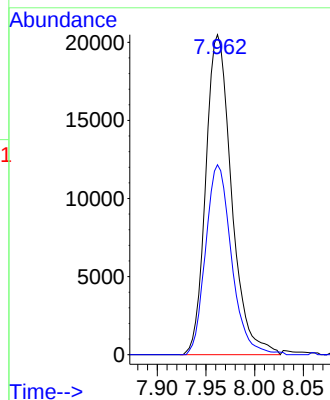
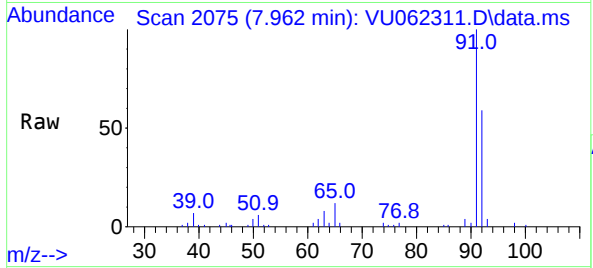




#42
Toluene
Concen: 1.289 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

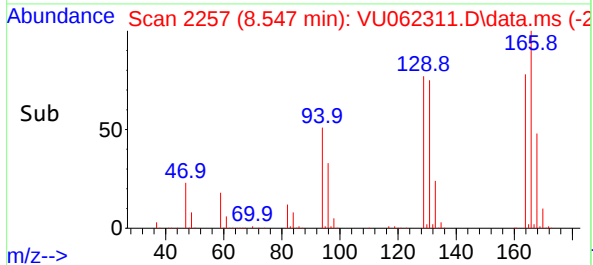
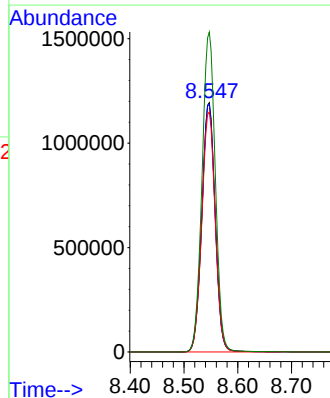
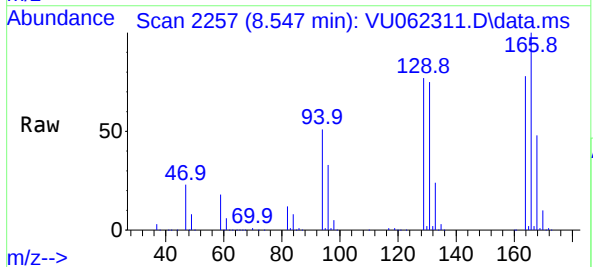
Instrument :
MSVOA_U
ClientSampleId :
E2AW1

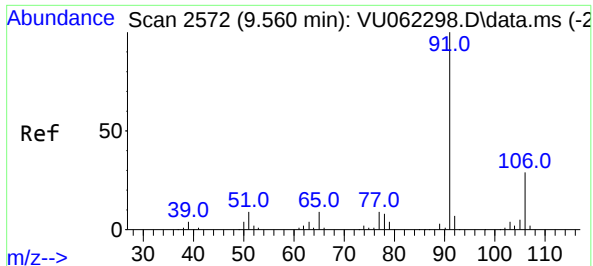
Tgt Ion: 91 Resp: 37678
Ion Ratio Lower Upper
91 100
92 59.4 39.0 72.4



#47
Tetrachloroethene
Concen: 347.623 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion:164 Resp: 2061012
Ion Ratio Lower Upper
164 100
129 99.4 73.2 136.0
131 96.3 72.3 134.3
166 128.4 90.2 167.4

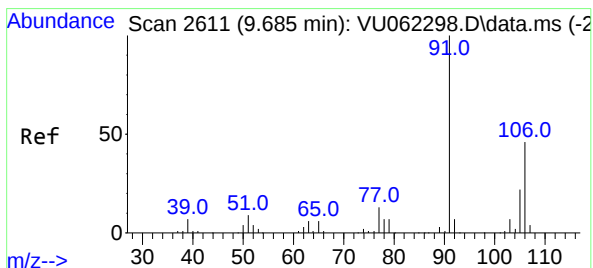
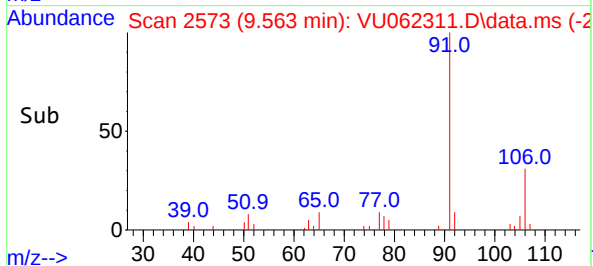
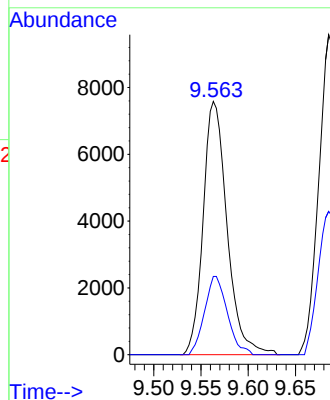
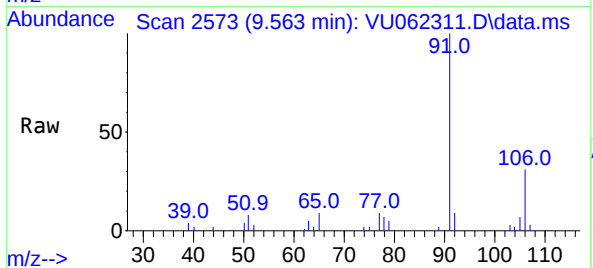




#52
Ethylbenzene
Concen: 0.408 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

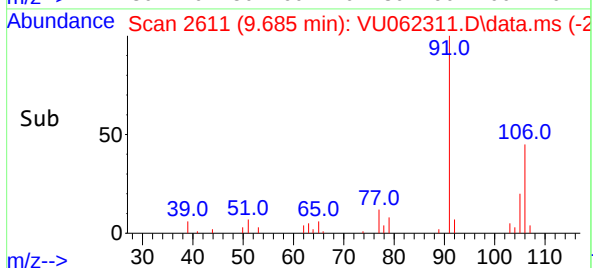
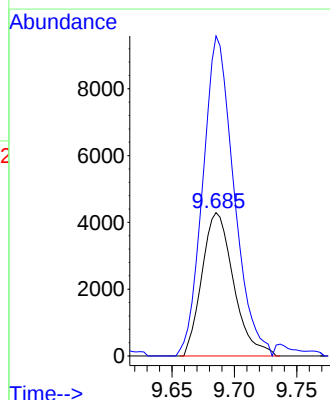
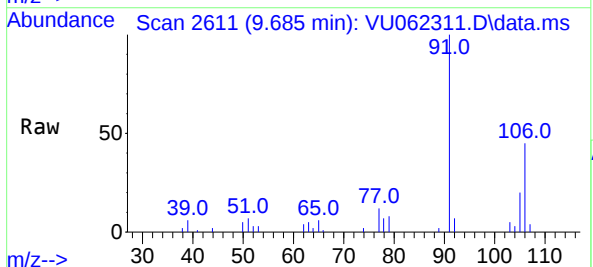
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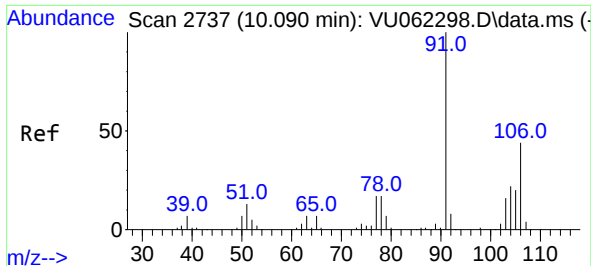
Tgt Ion: 91 Resp: 13355
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 0.626 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion: 106 Resp: 7575
Ion Ratio Lower Upper
106 100
91 223.2 147.6 274.0

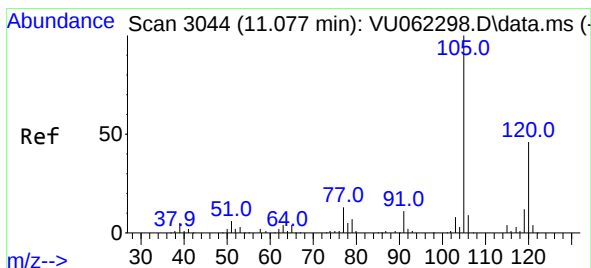
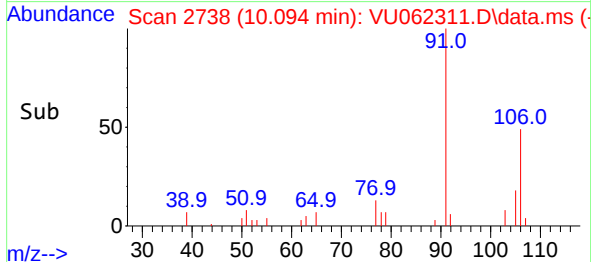
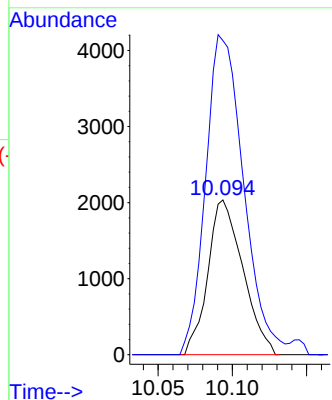
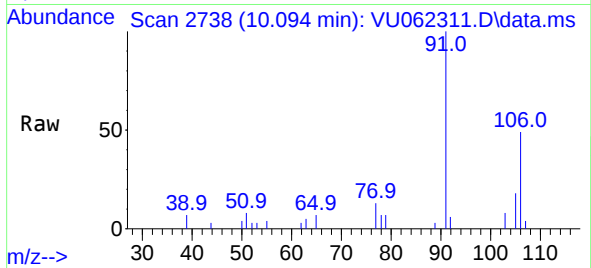




#54
o-Xylene
Concen: 0.284 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

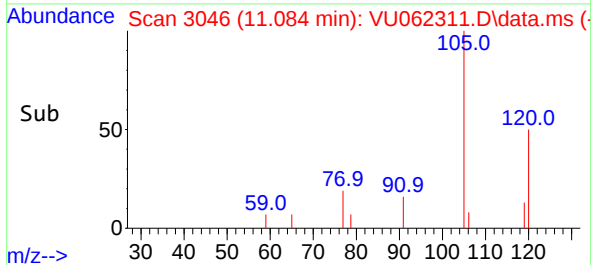
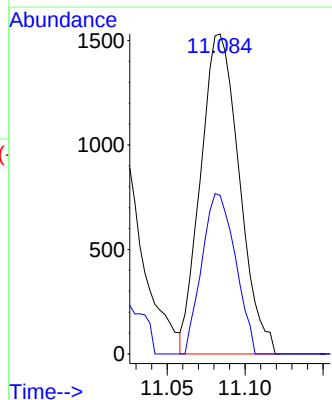
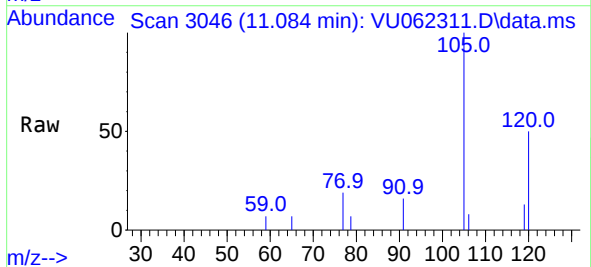
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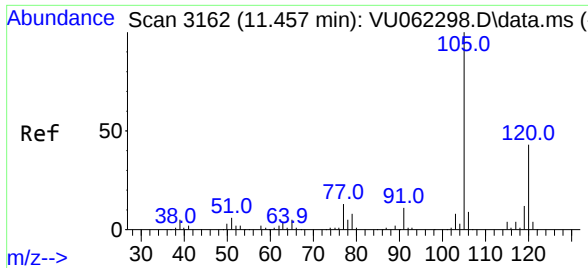
Tgt Ion:106 Resp: 3340
Ion Ratio Lower Upper
106 100
91 203.0 159.8 296.8



#62
1,3,5-Trimethylbenzene
Concen: 0.105 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.006 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion:105 Resp: 2639
Ion Ratio Lower Upper
105 100
120 43.3 36.7 55.1





#63
1,2,4-Trimethylbenzene
Concen: 0.318 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Instrument :
MSVOA_U
ClientSampleId :
E2AW1

Tgt Ion:105 Resp: 7831
Ion Ratio Lower Upper
105 100
120 40.5 34.7 52.1

