

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061093.D
 Acq On : 10 Oct 2024 16:46
 Operator : MD/SY
 Sample : P4380-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27H7

Quant Time: Oct 11 06:50:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

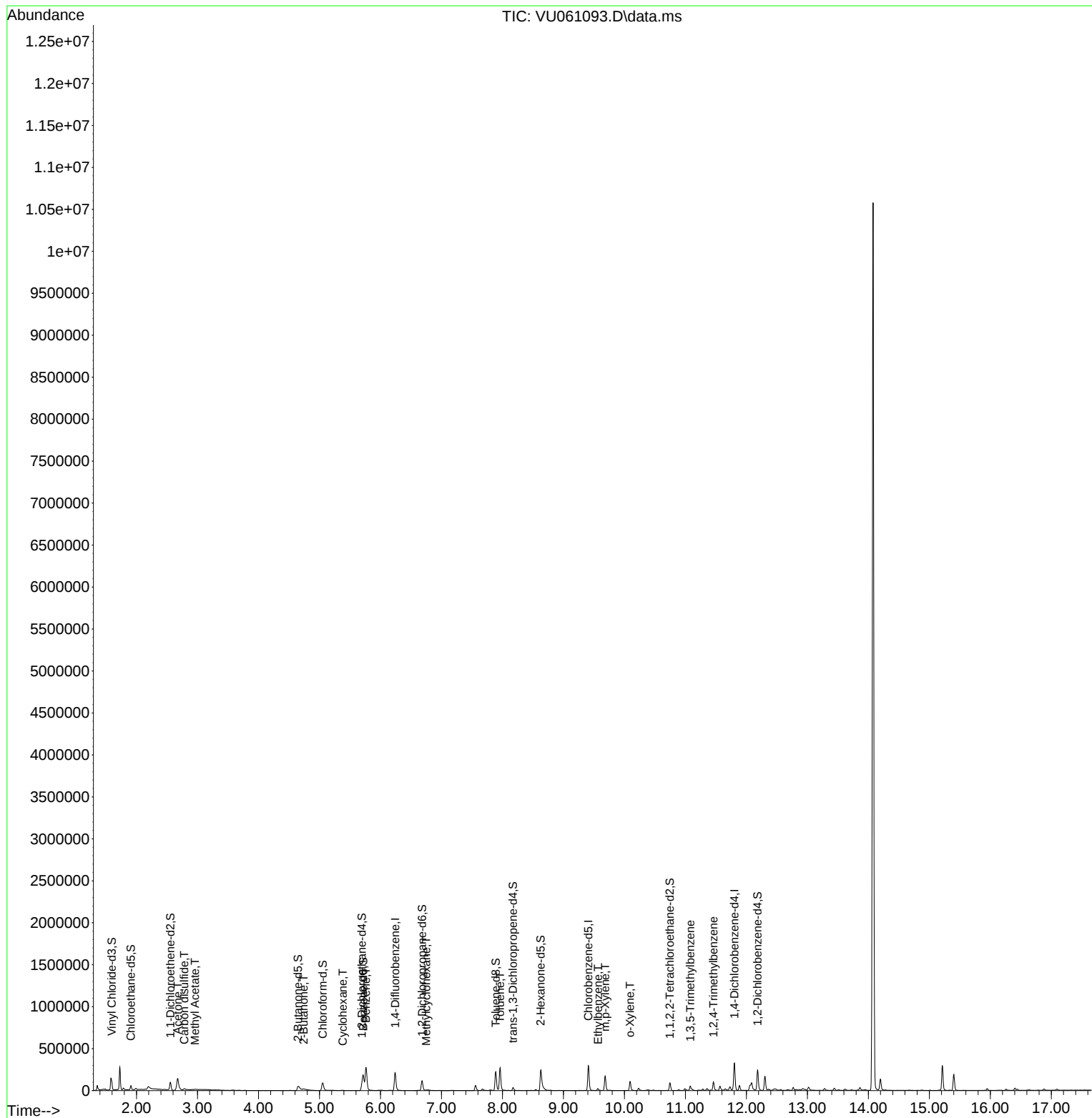
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39728	3.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.907	69	34510	3.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.557	65	18351	3.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.650	46	91595	30.017	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.040%
24) Chloroform-d	5.052	84	86434	3.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.695	65	45472	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.718	84	167894	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.682	67	58514	4.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.891	98	153896	3.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.174	79	21638	3.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.627	63	102951	41.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42237	4.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	55980	4.282	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
13) Acetone	2.676	43	141907	72.311	ug/L	100
14) Carbon disulfide	2.782	76	15757	0.451	ug/L #	95
15) Methyl Acetate	2.959	43	5092	1.066	ug/L	94
21) 2-Butanone	4.740	43	28245	8.743	ug/L	100
30) Cyclohexane	5.380	56	2004	0.095	ug/L	84
33) Benzene	5.763	78	267775	5.578	ug/L	100
35) Methylcyclohexane	6.750	83	1965	0.093	ug/L #	79
42) Toluene	7.962	91	202086	3.951	ug/L	99
52) Ethylbenzene	9.566	91	17741	0.306	ug/L	98
53) m,p-Xylene	9.685	106	48601	2.299	ug/L	91
54) o-Xylene	10.094	106	29047	1.396	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	29055	0.603	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	54892	1.129	ug/L	95

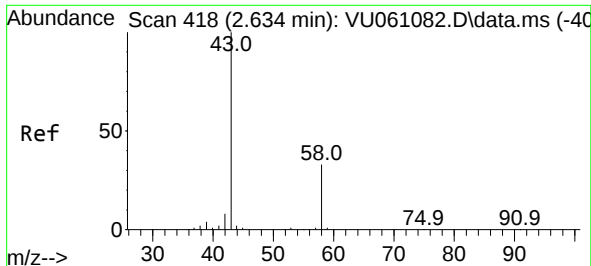
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 72.311 ug/L

RT: 2.676 min Scan# 41

Delta R.T. 0.042 min

Lab File: VU061093.D

Acq: 10 Oct 2024 16:46

Instrument :

MSVOA_U

ClientSampleId :

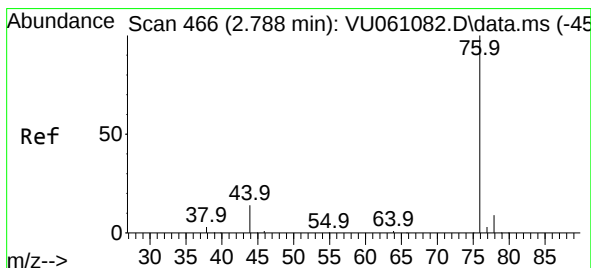
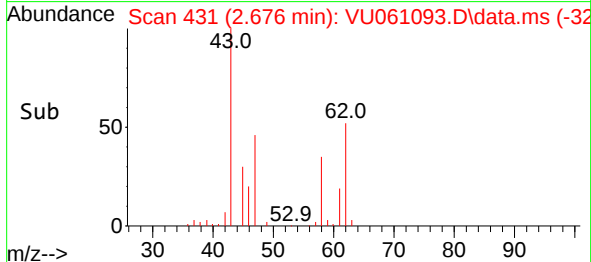
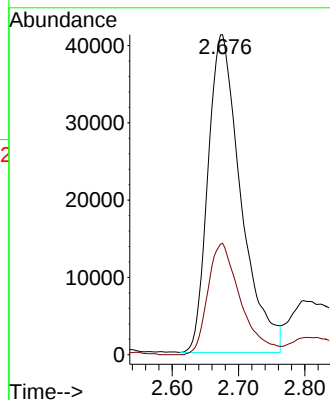
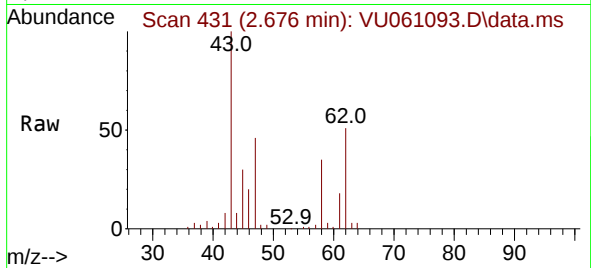
E27H7

Tgt Ion: 43 Resp: 141907

Ion Ratio Lower Upper

43 100

58 34.9 0.0 69.6



#14

Carbon disulfide

Concen: 0.451 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU061093.D

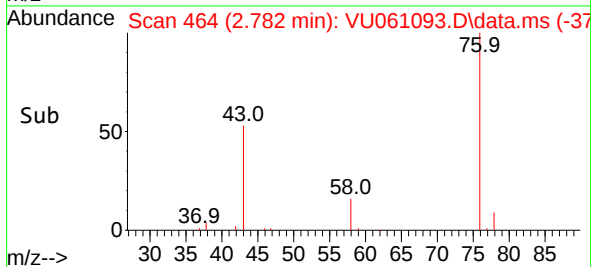
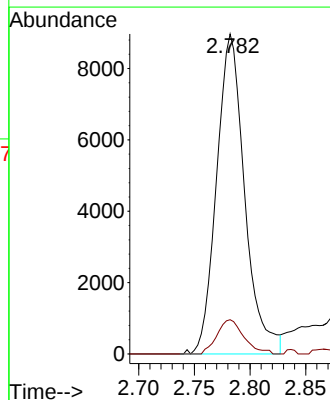
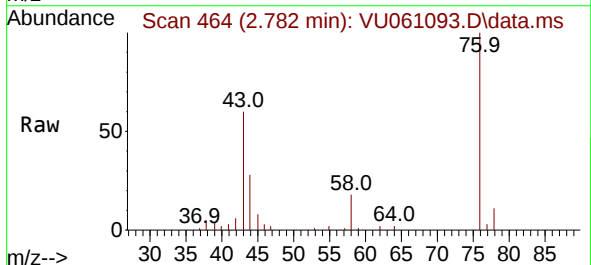
Acq: 10 Oct 2024 16:46

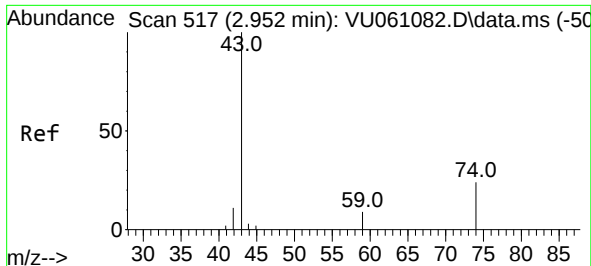
Tgt Ion: 76 Resp: 15757

Ion Ratio Lower Upper

76 100

78 10.7 7.1 10.7#

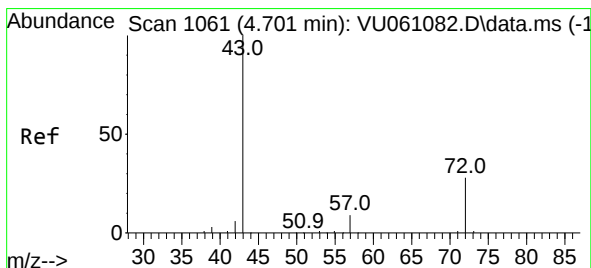
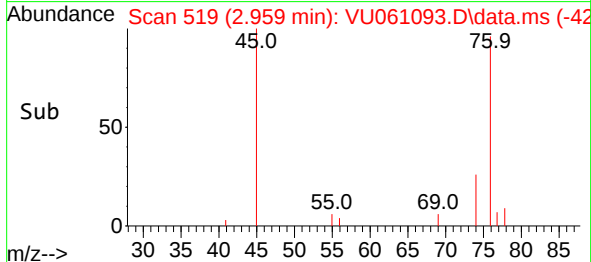
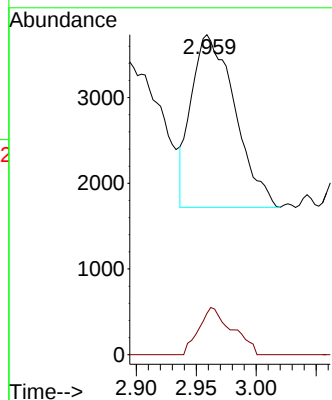
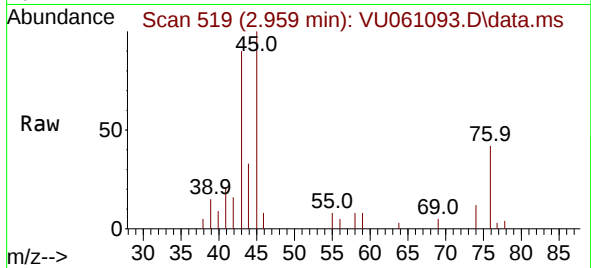




#15
Methyl Acetate
Concen: 1.066 ug/L
RT: 2.959 min Scan# 517
Delta R.T. 0.007 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

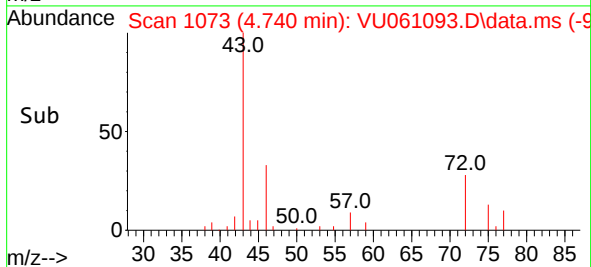
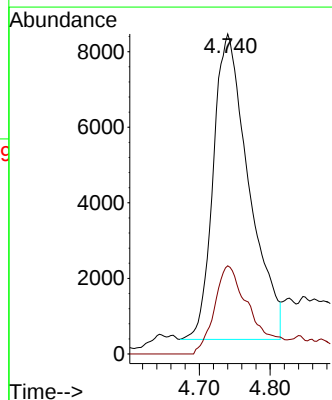
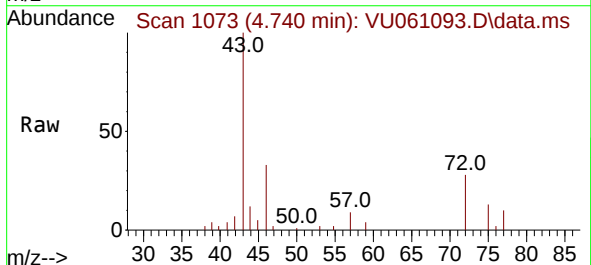
Instrument :
MSVOA_U
ClientSampleId :
E27H7

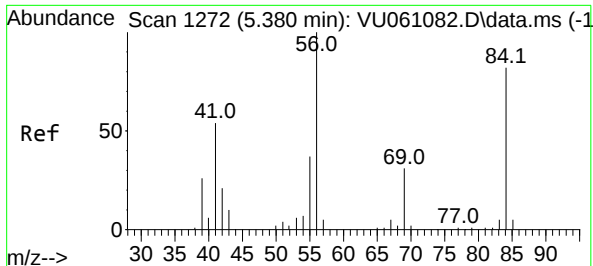
Tgt Ion: 43 Resp: 5092
Ion Ratio Lower Upper
43 100
74 20.9 18.9 28.3



#21
2-Butanone
Concen: 8.743 ug/L
RT: 4.740 min Scan# 1073
Delta R.T. 0.039 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Tgt Ion: 43 Resp: 28245
Ion Ratio Lower Upper
43 100
72 29.3 14.8 44.3



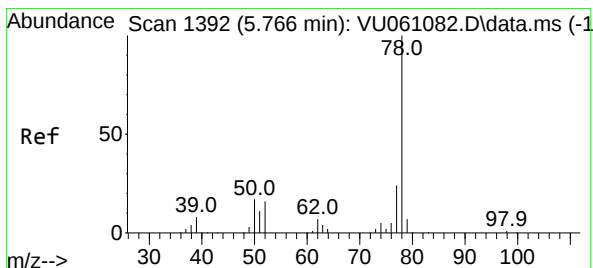
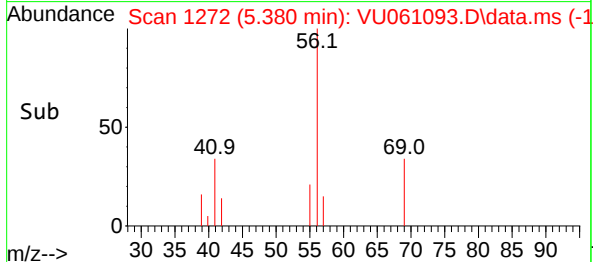
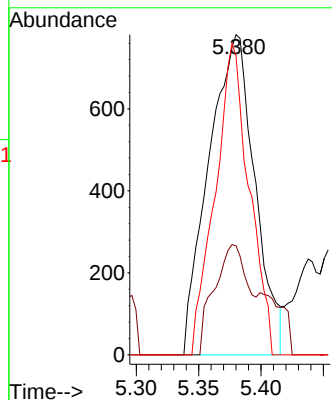
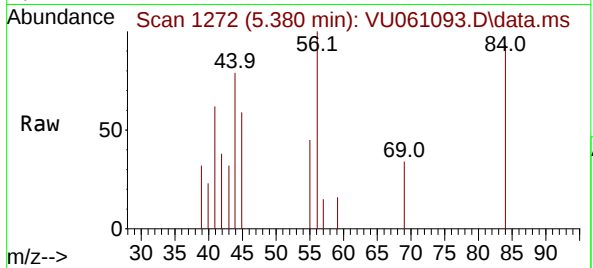


#30
Cyclohexane
Concen: 0.095 ug/L
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Instrument :
MSVOA_U
ClientSampleId :
E27H7

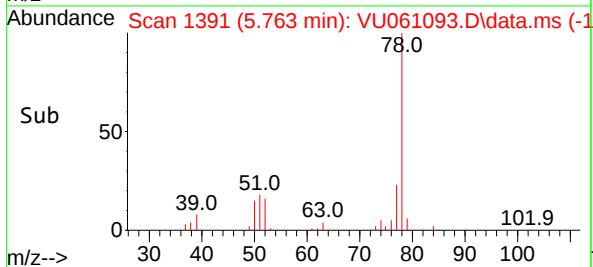
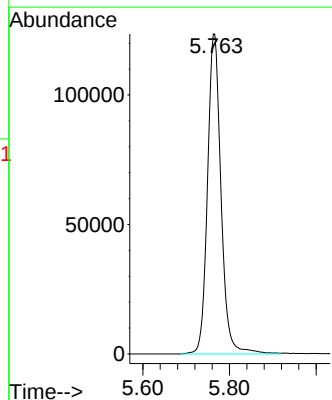
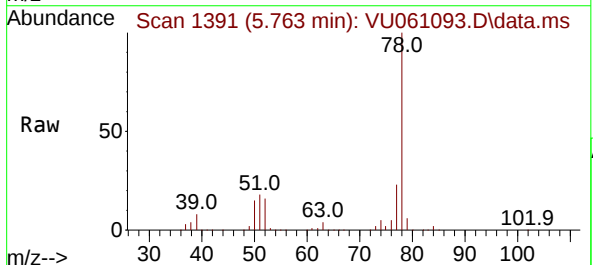
Tgt Ion: 56 Resp: 2004

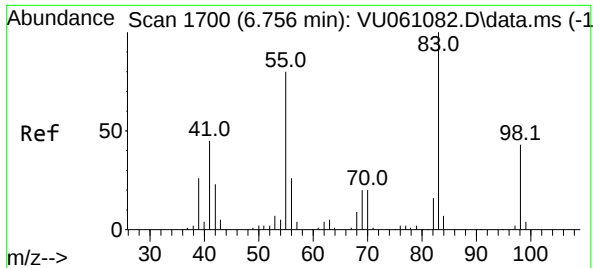
Ion	Ratio	Lower	Upper
56	100		
69	25.7	25.4	38.0
84	71.9	71.0	106.6



#33
Benzene
Concen: 5.578 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Tgt Ion: 78 Resp: 267775

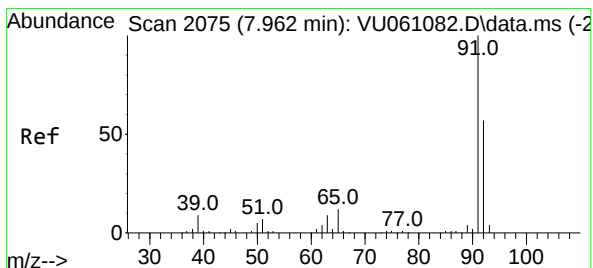
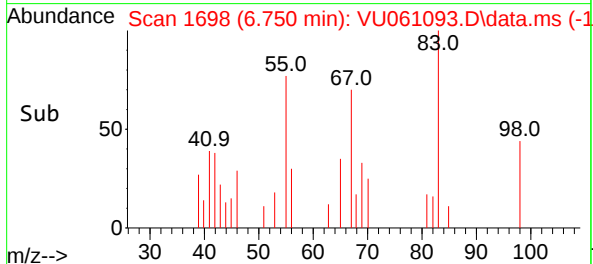
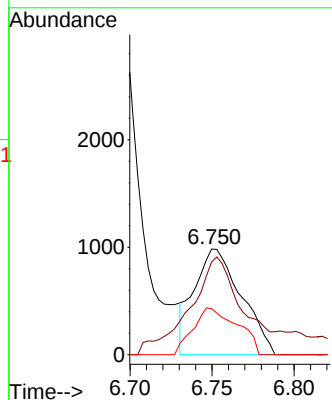
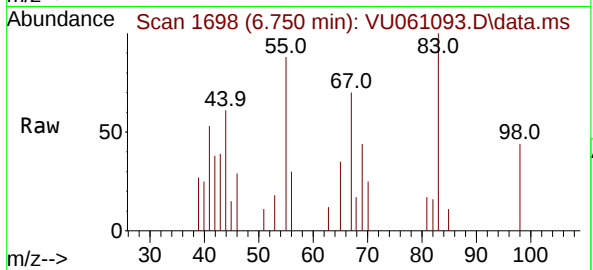




#35
Methylcyclohexane
Concen: 0.093 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

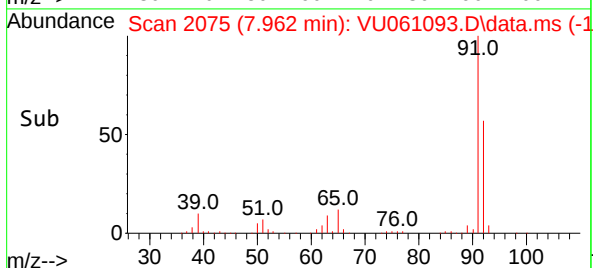
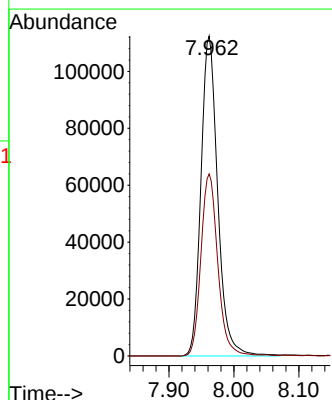
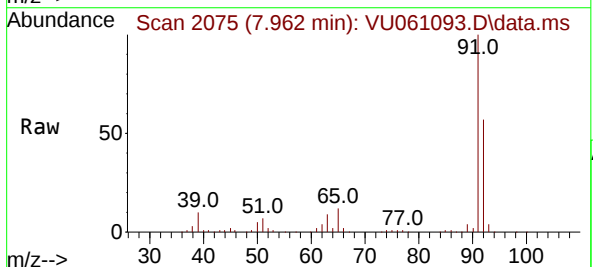
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ClientSampleId :
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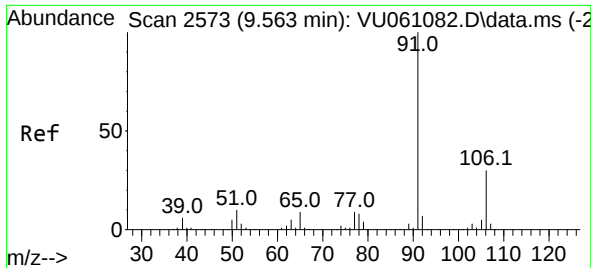
Tgt Ion: 83 Resp: 1965
Ion Ratio Lower Upper
83 100
55 103.6 62.6 94.0#
98 41.7 37.6 56.4



#42
Toluene
Concen: 3.951 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Tgt Ion: 91 Resp: 202086
Ion Ratio Lower Upper
91 100
92 56.9 40.5 75.3

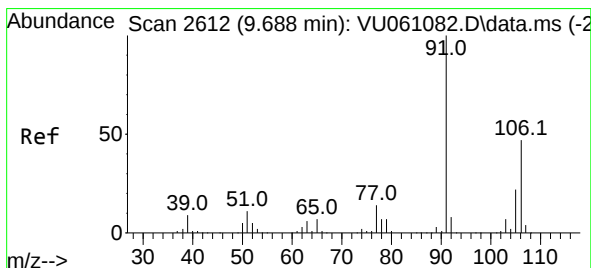
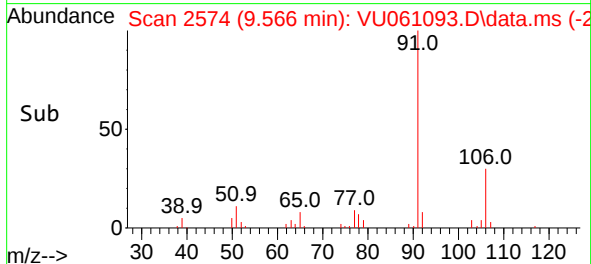
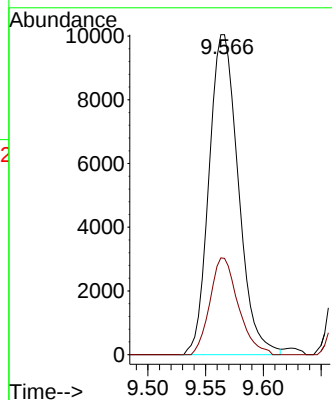
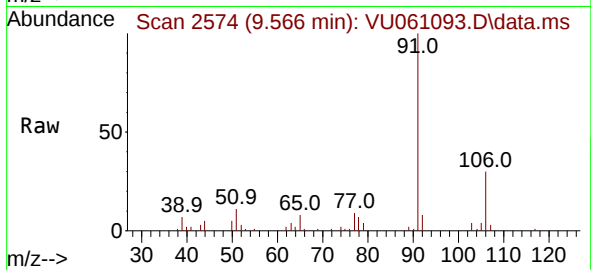




#52
Ethylbenzene
Concen: 0.306 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

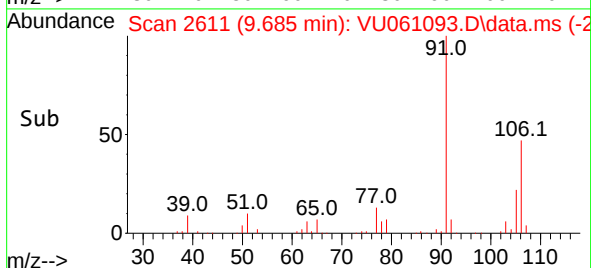
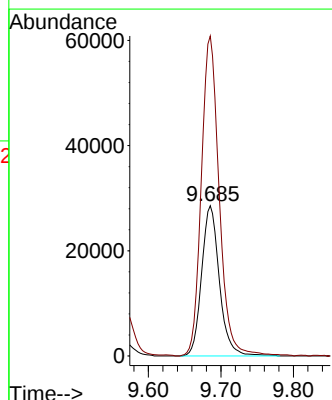
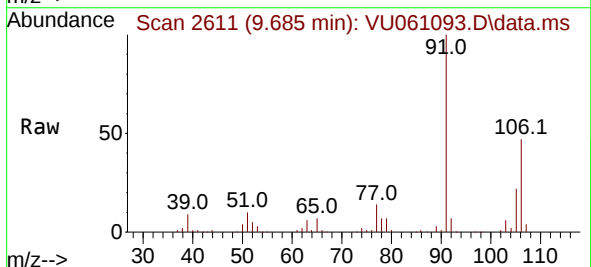
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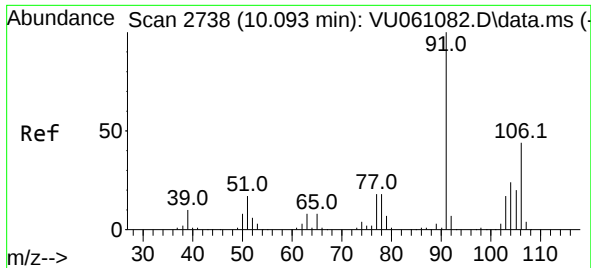
Tgt Ion: 91 Resp: 17741
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.6



#53
m,p-Xylene
Concen: 2.299 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Tgt Ion: 106 Resp: 48601
Ion Ratio Lower Upper
106 100
91 213.1 139.7 259.4

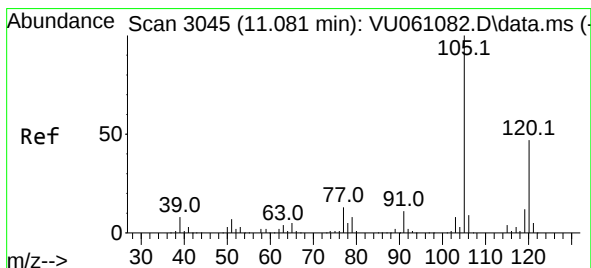
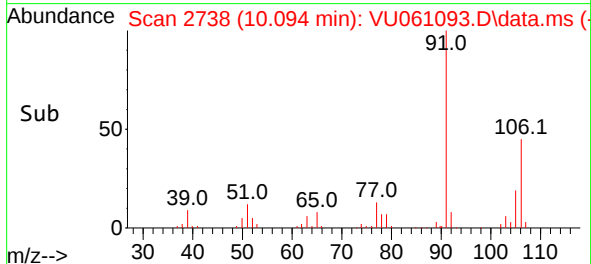
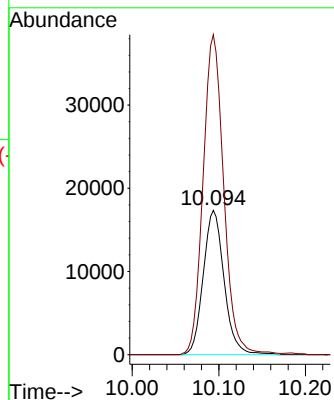
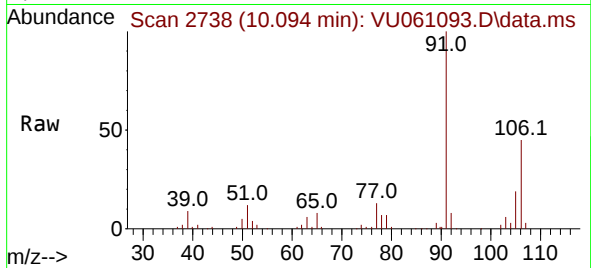




#54
o-Xylene
Concen: 1.396 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

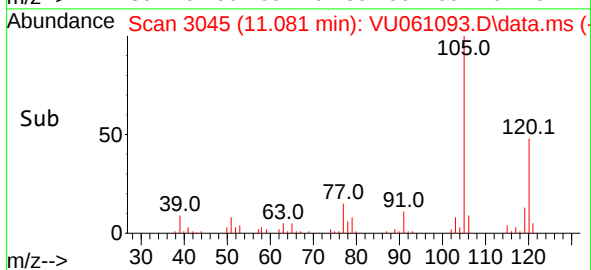
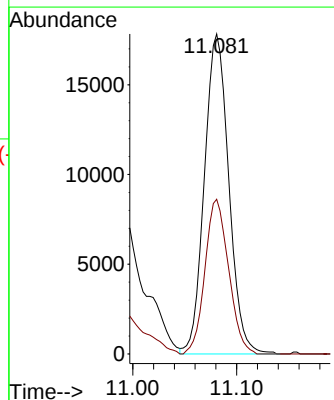
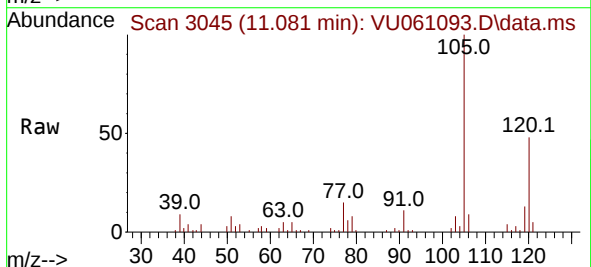
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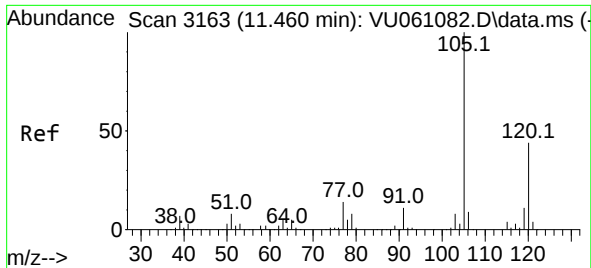
Tgt Ion:106 Resp: 29047
Ion Ratio Lower Upper
106 100
91 221.6 148.6 276.0



#62
1,3,5-Trimethylbenzene
Concen: 0.603 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Tgt Ion:105 Resp: 29055
Ion Ratio Lower Upper
105 100
120 46.9 38.5 57.7





#63
1,2,4-Trimethylbenzene
Concen: 1.129 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061093.D
Acq: 10 Oct 2024 16:46

Instrument :
MSVOA_U
ClientSampleId :
E27H7

Tgt Ion:105 Resp: 54892
Ion Ratio Lower Upper
105 100
120 41.9 36.1 54.1

