

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061843.D
 Acq On : 19 Nov 2024 04:41
 Operator : MD/SY
 Sample : P4885-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3R0

Quant Time: Nov 19 05:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

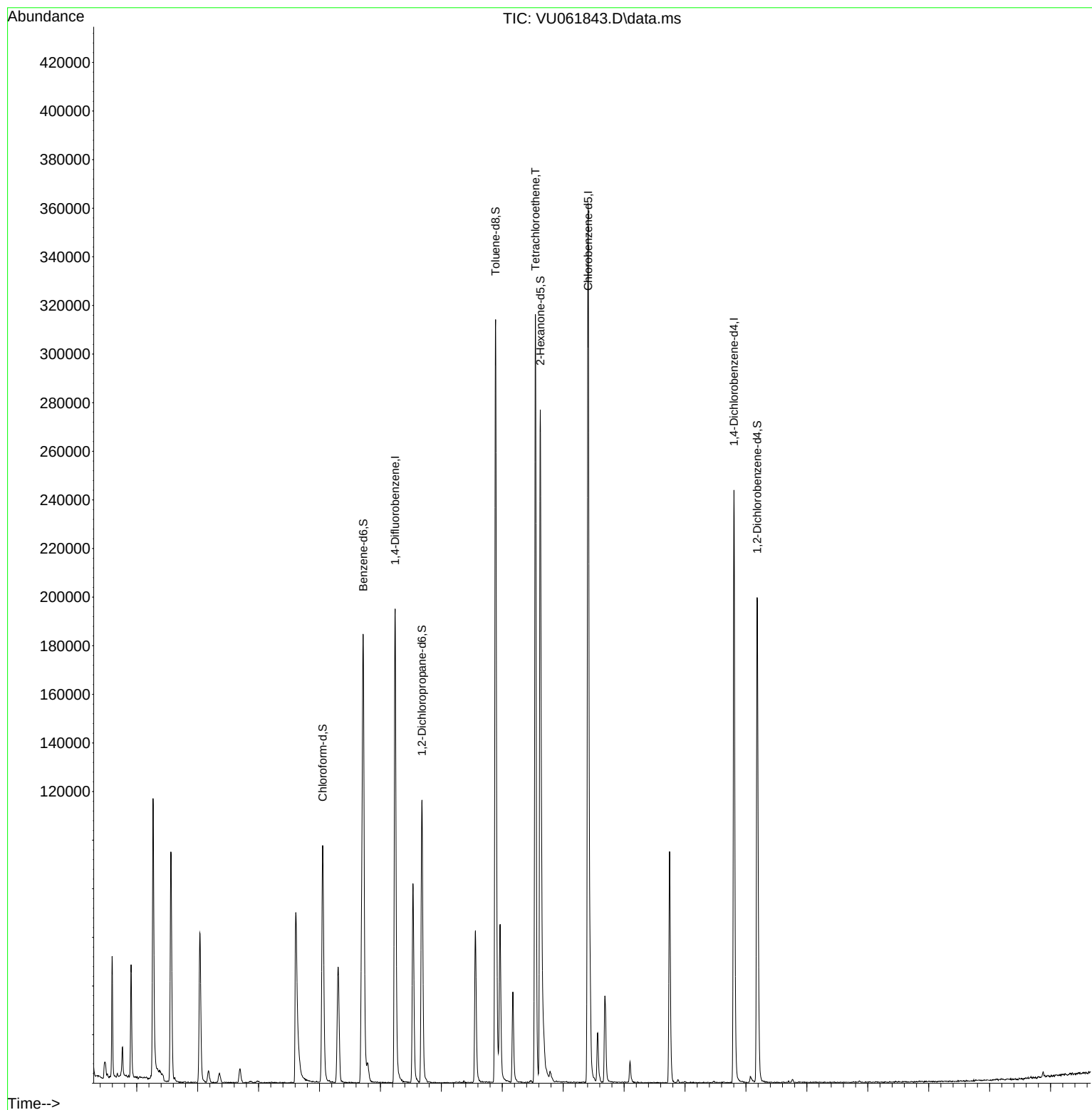
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173751	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	215995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33504	2.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.907	69	33751	3.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.560	65	16470	3.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.611	46	104914	44.030	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.060%
24) Chloroform-d	5.052	84	91146	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.692	65	48408	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.718	84	182068	3.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.000%#
36) 1,2-Dichloropropane-d6	6.682	67	58110	3.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.000%
41) Toluene-d8	7.891	98	228414	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.174	79	22836	3.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.624	63	103993	40.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47226	3.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	56591	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6690	0.595	ug/L	95
16) Methylene chloride	3.036	84	32778	2.712	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	4594	0.179	ug/L #	88
27) 1,2-Dichloroethane	5.795	62	4976	0.359	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	35148	1.430	ug/L	99
34) Trichloroethene	6.534	95	28828	1.633	ug/L	98
42) Toluene	7.965	91	51340	0.729	ug/L	98
47) Tetrachloroethene	8.544	164	71052	5.357	ug/L	97
51) Chlorobenzene	9.441	112	22043	0.487	ug/L	95
52) Ethylbenzene	9.566	91	15871	0.212	ug/L	99
53) m,p-Xylene	9.692	106	12538	0.437	ug/L	82
67) 1,2-Dichlorobenzene	12.203	146	9764	0.480	ug/L #	84

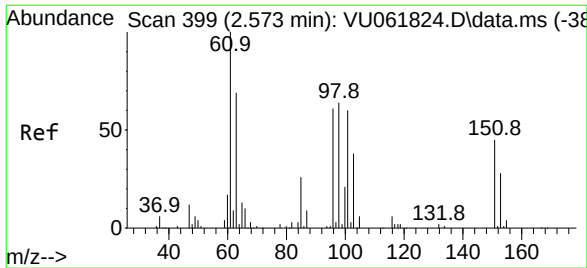
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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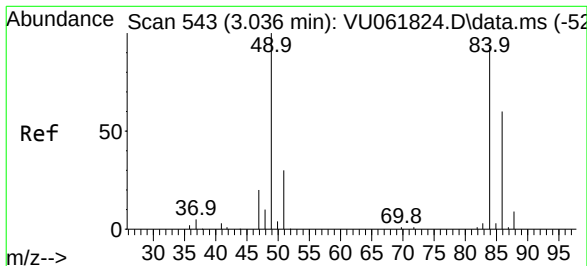
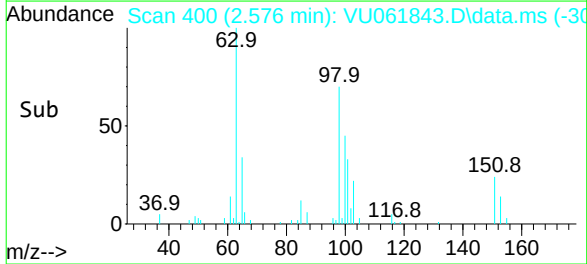
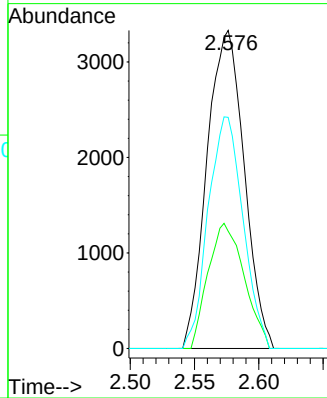
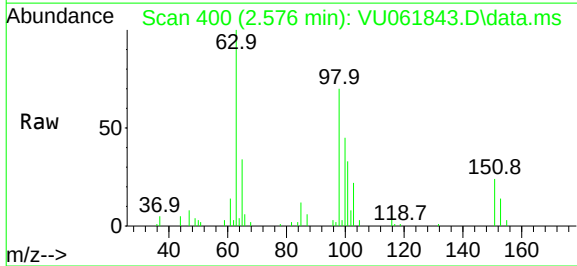




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.595 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU061843.D
Acq: 19 Nov 2024 04:41

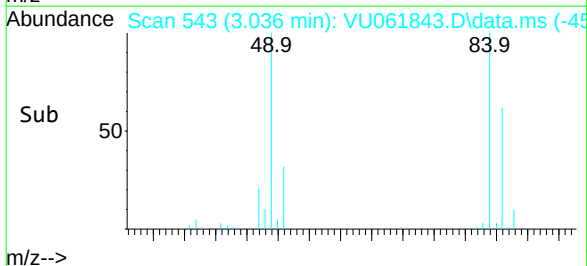
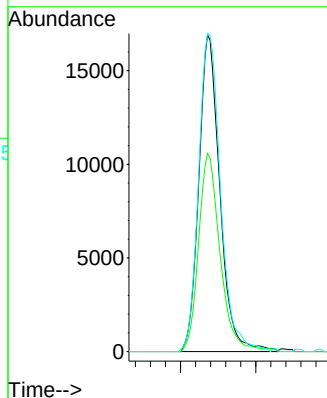
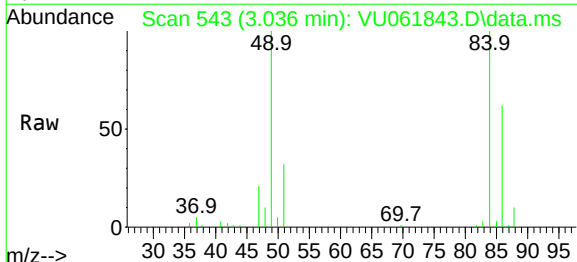
Instrument :
MSVOA_U
ClientSampleId :
BG3R0

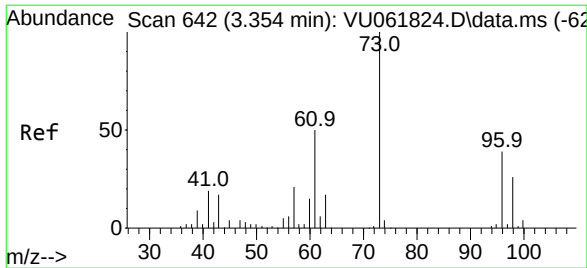
Tgt Ion: 101 Resp: 6690
Ion Ratio Lower Upper
101 100
85 38.3 35.1 52.7
151 68.2 56.9 85.3



#16
Methylene chloride
Concen: 2.712 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061843.D
Acq: 19 Nov 2024 04:41

Tgt Ion: 84 Resp: 32778
Ion Ratio Lower Upper
84 100
86 62.6 45.1 83.7
49 100.4 76.3 141.7

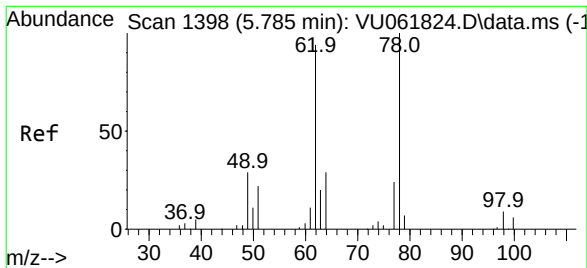
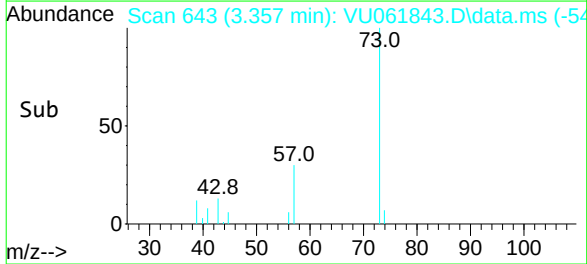
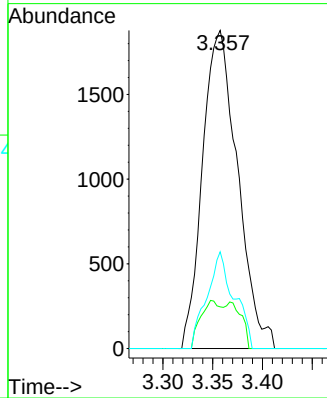
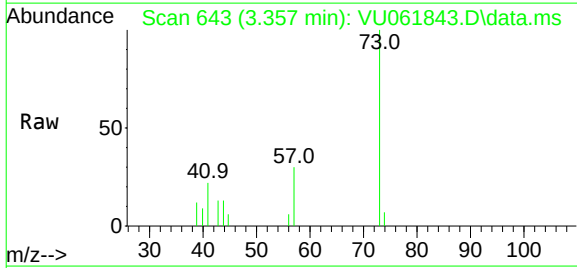




#17
Methyl tert-butyl Ether
Concen: 0.179 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061843.D
Acq: 19 Nov 2024 04:41

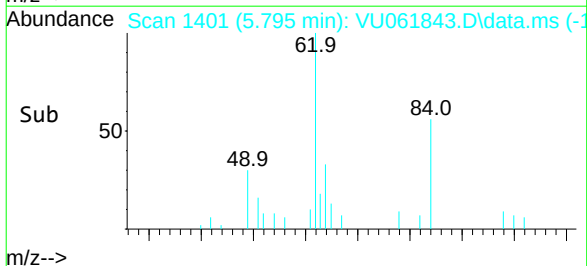
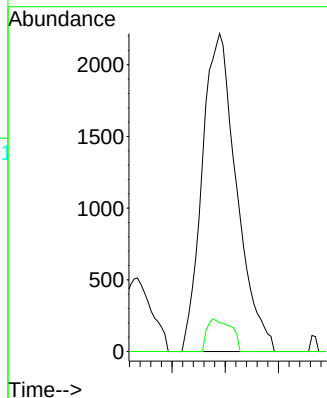
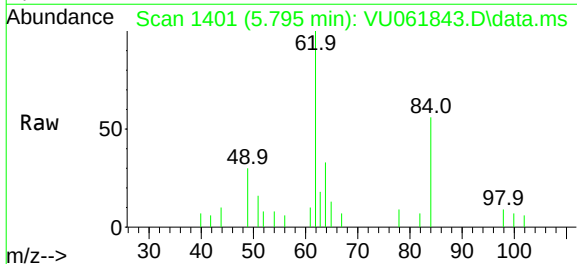
Instrument :
MSVOA_U
ClientSampleId :
BG3R0

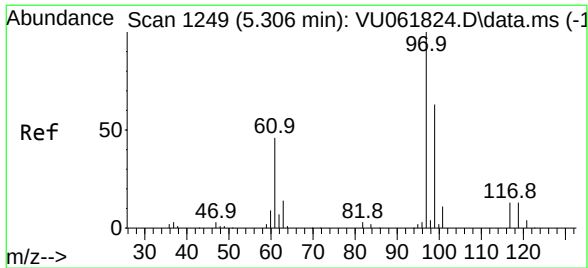
Tgt Ion: 73 Resp: 4594
Ion Ratio Lower Upper
73 100
43 9.3 14.2 21.4#
57 23.6 16.9 25.3



#27
1,2-Dichloroethane
Concen: 0.359 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU061843.D
Acq: 19 Nov 2024 04:41

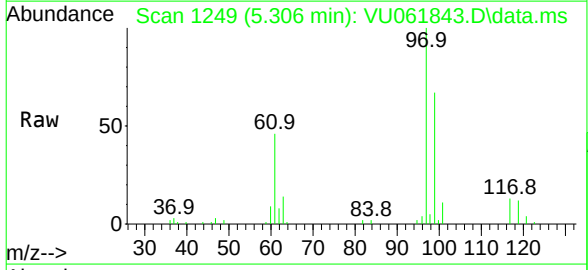
Tgt Ion: 62 Resp: 4976
Ion Ratio Lower Upper
62 100
98 9.0 7.7 11.5



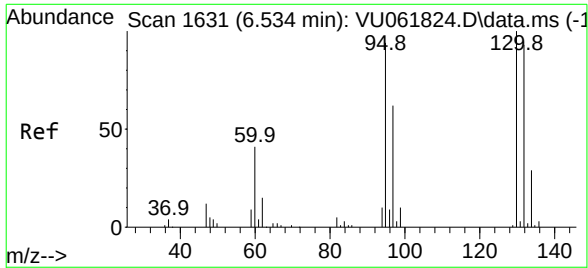
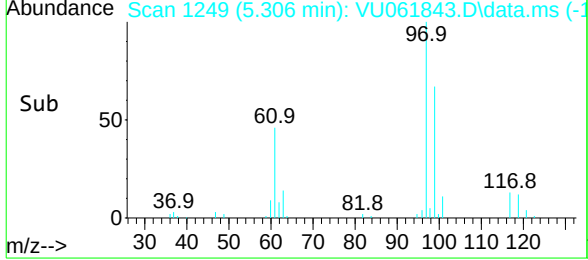
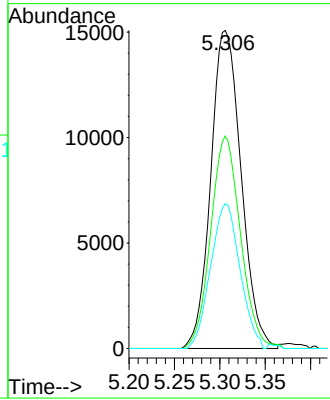


#29
 1,1,1-Trichloroethane
 Concen: 1.430 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061843.D
 Acq: 19 Nov 2024 04:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3R0

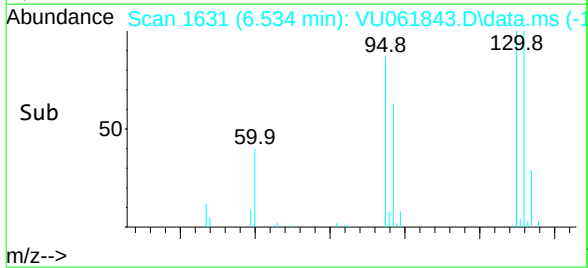
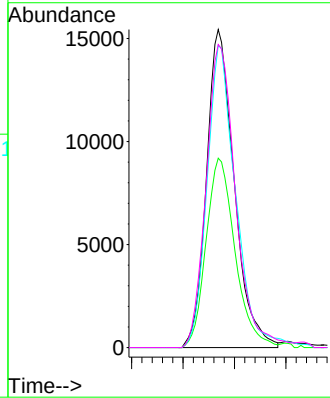
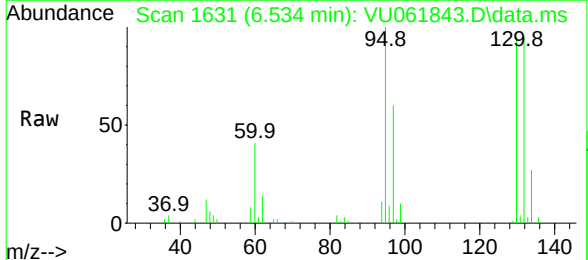


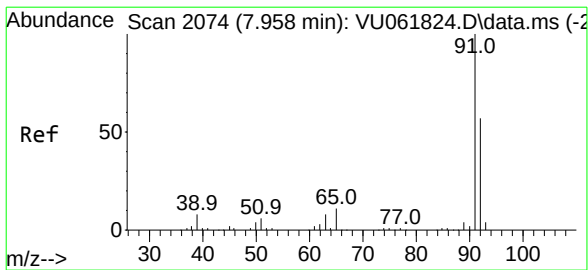
Tgt Ion:	97	Resp:	35148
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	44.0	35.4	53.0



#34
 Trichloroethene
 Concen: 1.633 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061843.D
 Acq: 19 Nov 2024 04:41

Tgt Ion:	95	Resp:	28828
Ion	Ratio	Lower	Upper
95	100		
97	59.6	43.5	80.9
132	95.0	65.2	121.0
130	95.3	67.5	125.3





#42

Toluene

Concen: 0.729 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.007 min

Lab File: VU061843.D

Acq: 19 Nov 2024 04:41

Instrument :

MSVOA_U

ClientSampleId :

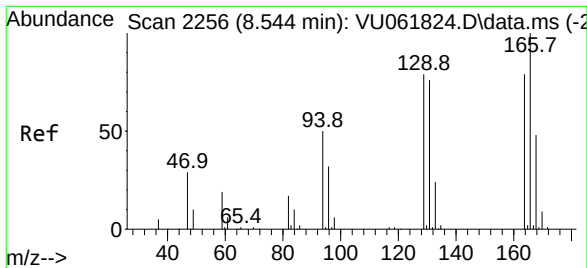
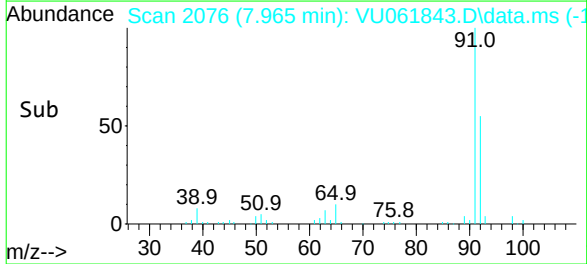
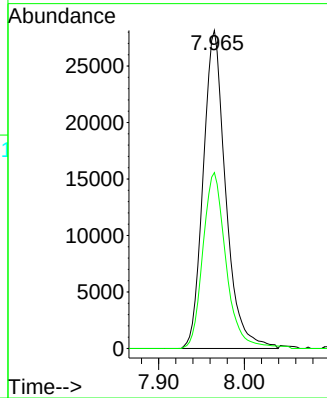
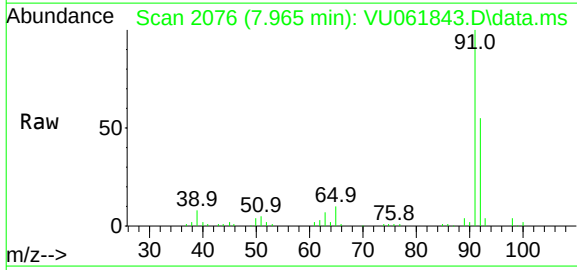
BG3R0

Tgt Ion: 91 Resp: 51340

Ion Ratio Lower Upper

91 100

92 55.3 39.7 73.7



#47

Tetrachloroethene

Concen: 5.357 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061843.D

Acq: 19 Nov 2024 04:41

Tgt Ion: 164 Resp: 71052

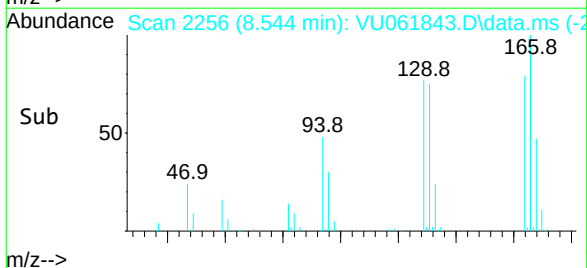
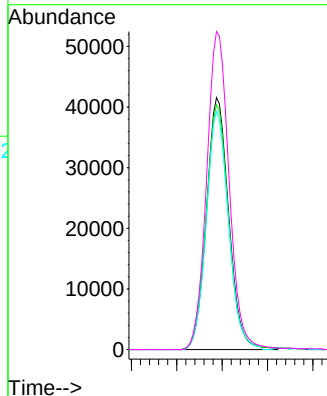
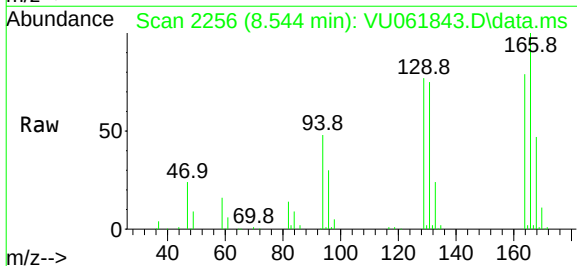
Ion Ratio Lower Upper

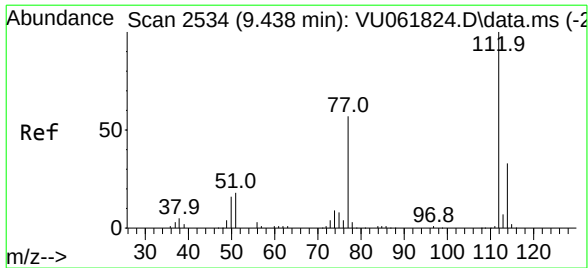
164 100

129 97.2 71.7 133.3

131 94.6 68.2 126.6

166 126.2 89.9 167.0





#51

Chlorobenzene

Concen: 0.487 ug/L

RT: 9.441 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VU061843.D

Acq: 19 Nov 2024 04:41

Instrument :

MSVOA_U

ClientSampleId :

BG3R0

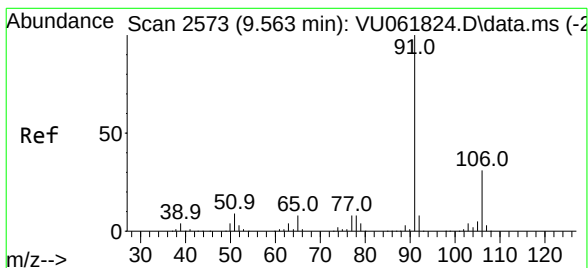
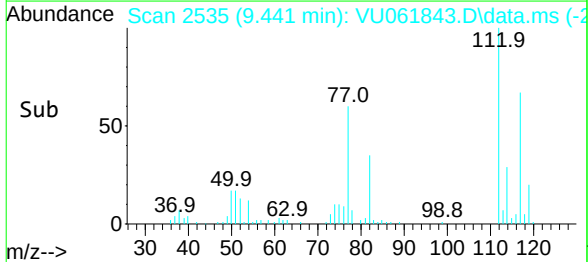
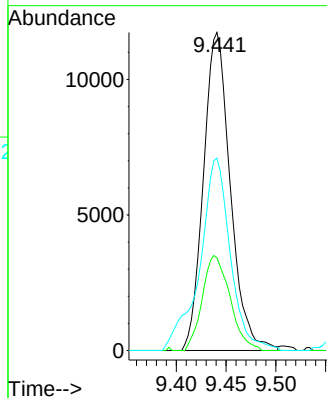
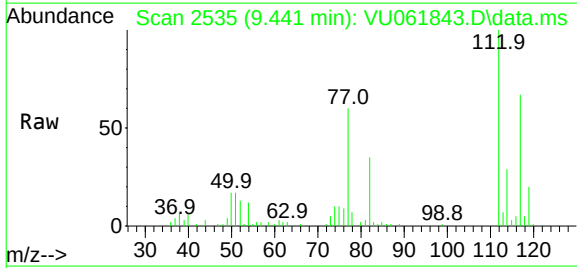
Tgt Ion:112 Resp: 22043

Ion Ratio Lower Upper

112 100

114 29.1 22.5 41.9

77 60.5 45.3 67.9



#52

Ethylbenzene

Concen: 0.212 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU061843.D

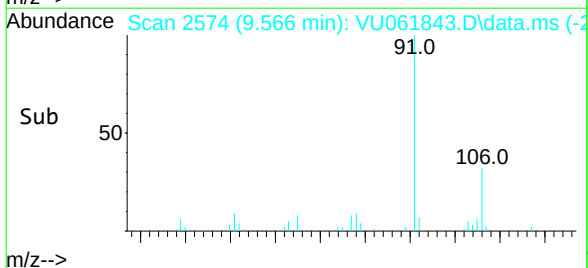
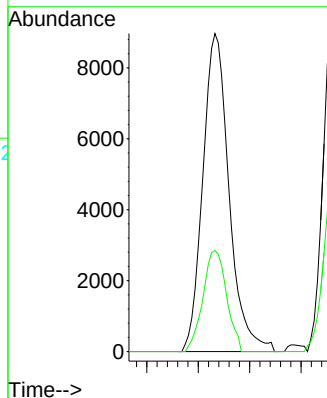
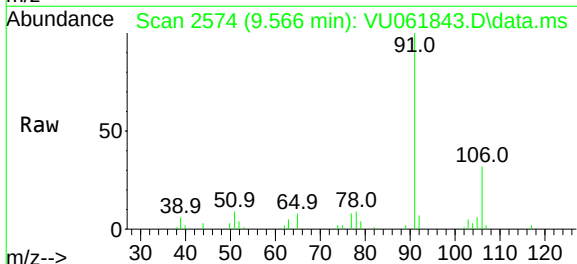
Acq: 19 Nov 2024 04:41

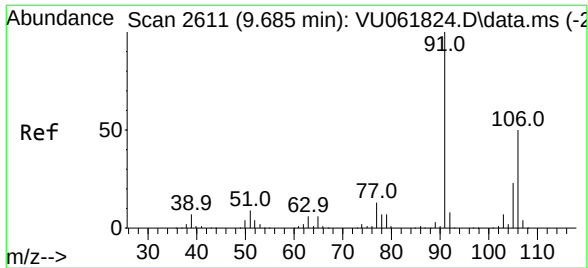
Tgt Ion: 91 Resp: 15871

Ion Ratio Lower Upper

91 100

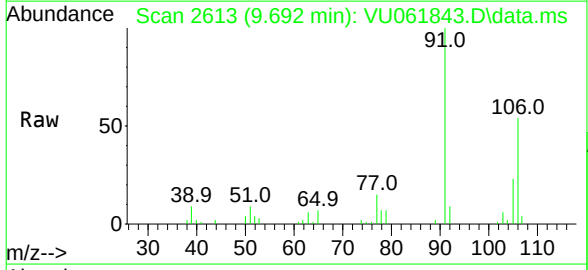
106 31.8 21.7 40.3



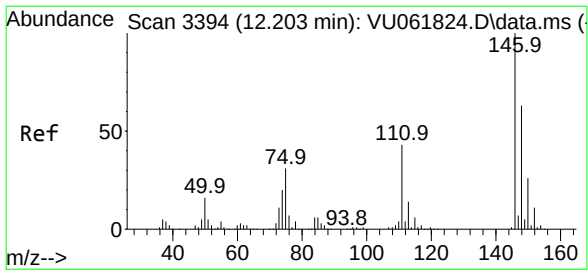
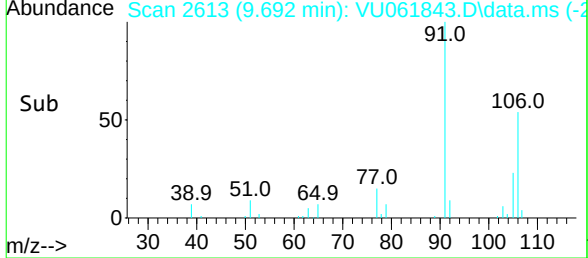
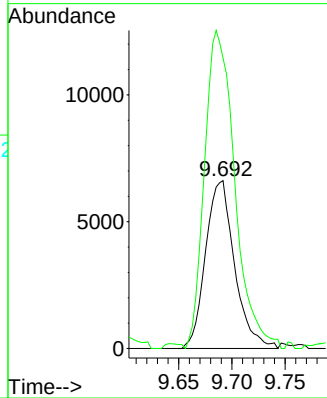


#53
m,p-Xylene
Concen: 0.437 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU061843.D
Acq: 19 Nov 2024 04:41

Instrument :
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ClientSampleId :
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Tgt Ion:106 Resp: 12538
Ion Ratio Lower Upper
106 100
91 173.0 140.4 260.8



#67
1,2-Dichlorobenzene
Concen: 0.480 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061843.D
Acq: 19 Nov 2024 04:41

Tgt Ion:146 Resp: 9764
Ion Ratio Lower Upper
146 100
111 49.4 35.2 52.8
148 82.2 52.6 79.0#

