

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061945.D
 Acq On : 22 Nov 2024 03:17
 Operator : MD/SY
 Sample : P4904-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG414

Quant Time: Nov 22 04:39:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

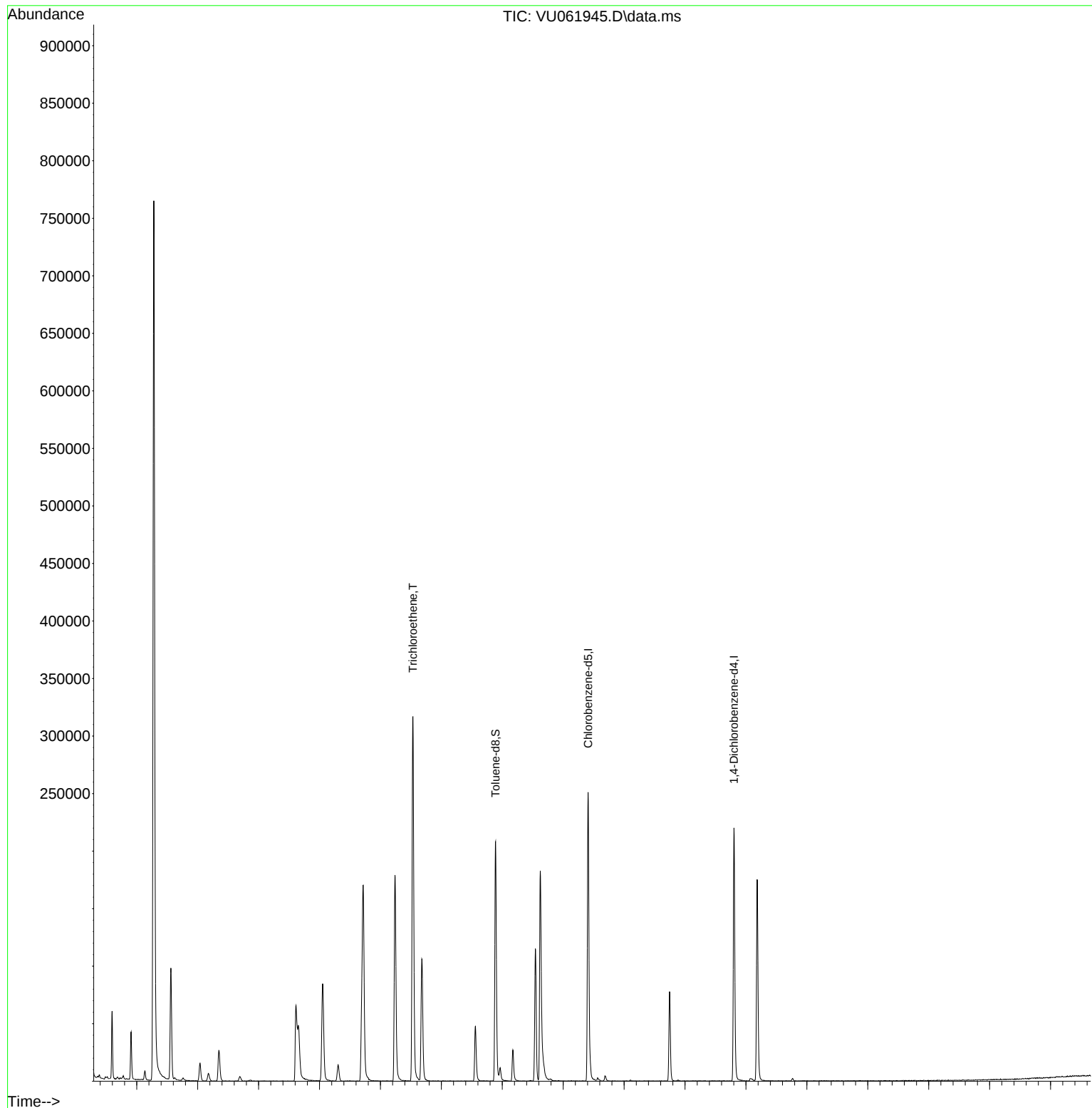
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	153327	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	143393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	62055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41316	5.493	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.800%
7) Chloroethane-d5	1.907	69	31506	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	18399	6.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.400%
20) 2-Butanone-d5	4.611	46	97845	41.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.860%
24) Chloroform-d	5.052	84	84247	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	42681	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.717	84	169149	6.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.000%
36) 1,2-Dichloropropane-d6	6.682	67	54630	5.755	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.891	98	147556	6.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.600%
43) trans-1,3-Dichloroprop...	8.174	79	17356	4.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.624	63	65143	40.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40682	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	48778	5.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	5556	0.309	ug/L	98
16) Methylene chloride	3.036	84	7960	0.645	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	4783	0.181	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	10908	1.004	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	19916	1.628	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	10656	0.645	ug/L	95
34) Trichloroethene	6.534	95	117250	10.145	ug/L	99
42) Toluene	7.965	91	8885	0.196	ug/L	91
47) Tetrachloroethene	8.544	164	26158	3.112	ug/L	97

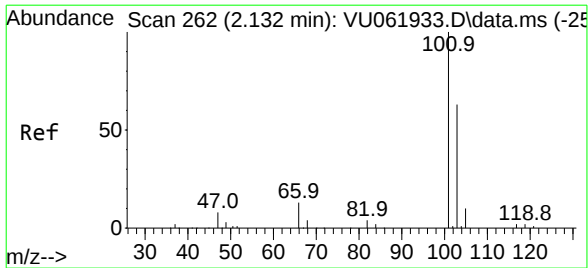
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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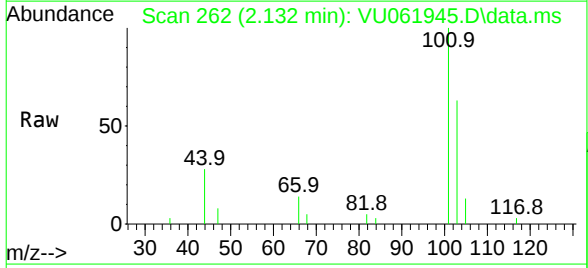
Quant Time: Nov 22 04:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
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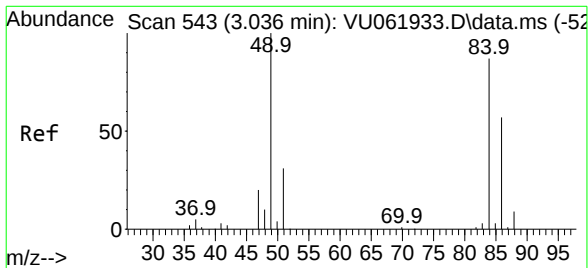
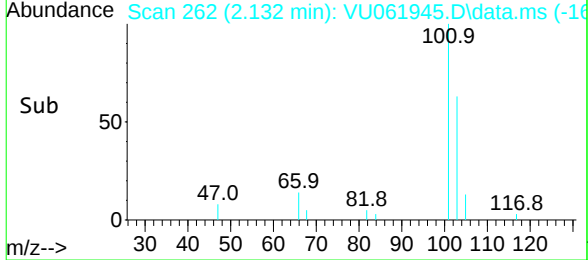
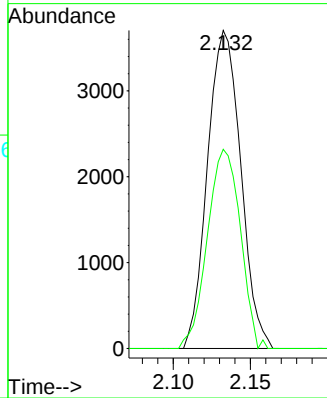


#9
 Trichlorofluoromethane
 Concen: 0.309 ug/L
 RT: 2.132 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VU061945.D
 Acq: 22 Nov 2024 03:17

Instrument :
 MSVOA_U
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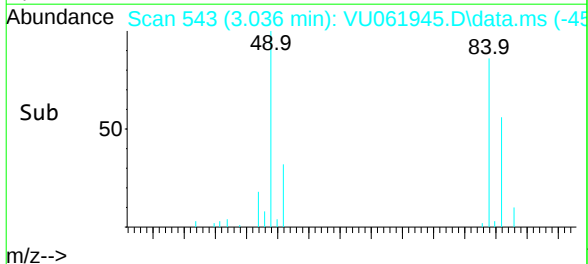
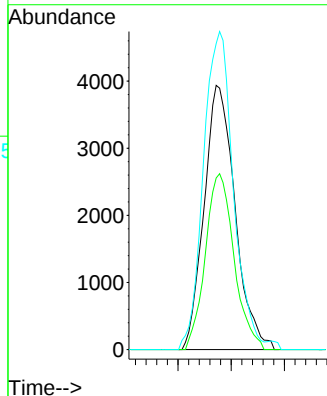
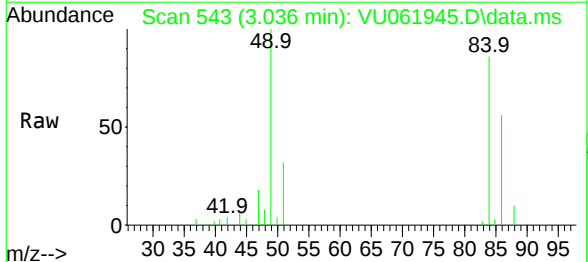


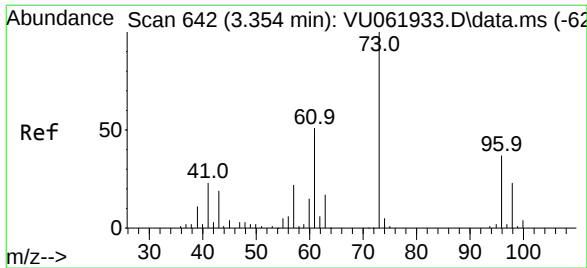
Tgt Ion: 101 Resp: 5556
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.6 75.8



#16
 Methylene chloride
 Concen: 0.645 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: VU061945.D
 Acq: 22 Nov 2024 03:17

Tgt Ion: 84 Resp: 7960
 Ion Ratio Lower Upper
 84 100
 86 64.9 43.5 80.7
 49 115.8 81.9 152.1

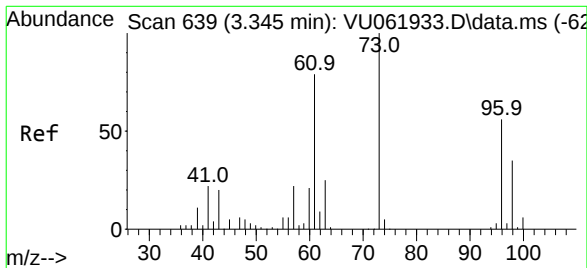
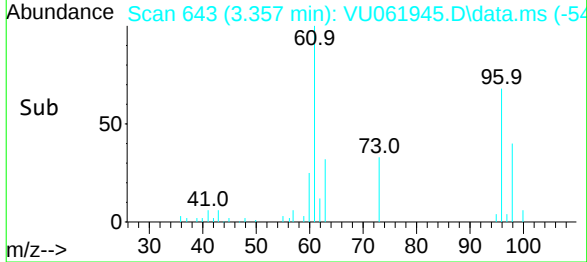
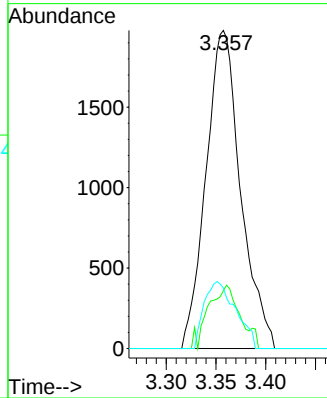
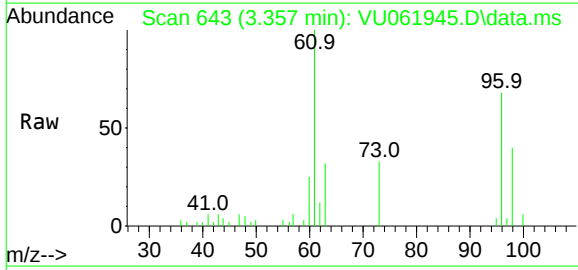




#17
Methyl tert-butyl Ether
Concen: 0.181 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061945.D
Acq: 22 Nov 2024 03:17

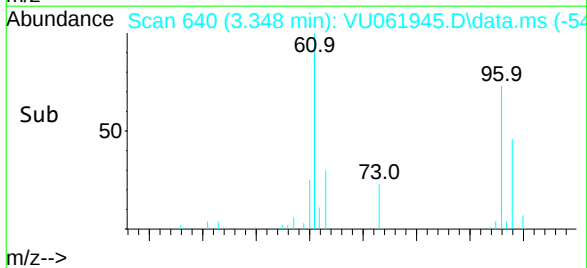
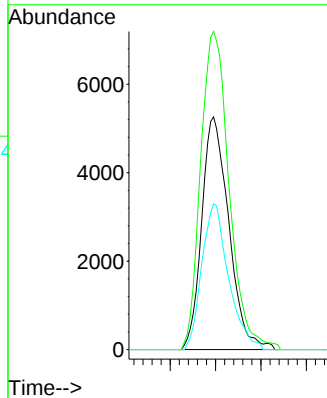
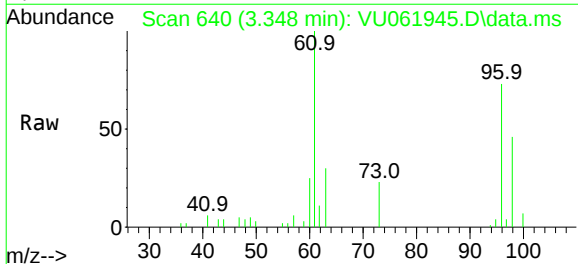
Instrument :
MSVOA_U
ClientSampleId :
BG414

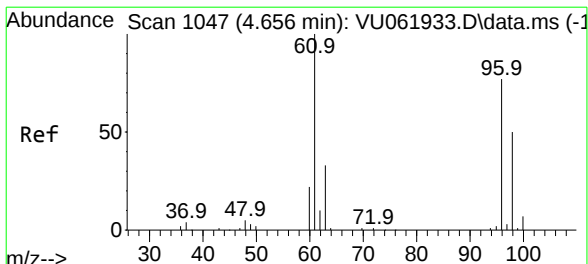
Tgt Ion:	73	Resp:	4783
Ion	Ratio	Lower	Upper
73	100		
43	18.1	16.3	24.5
57	19.2	17.1	25.7



#18
trans-1,2-Dichloroethene
Concen: 1.004 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061945.D
Acq: 22 Nov 2024 03:17

Tgt Ion:	96	Resp:	10908
Ion	Ratio	Lower	Upper
96	100		
61	136.7	104.2	193.4
98	62.7	45.7	84.9

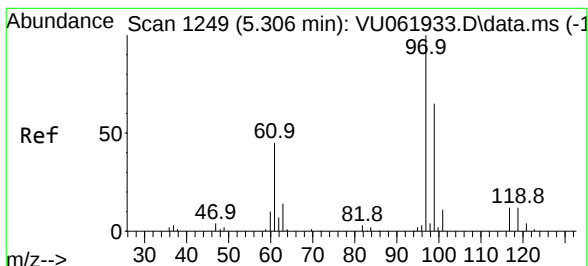
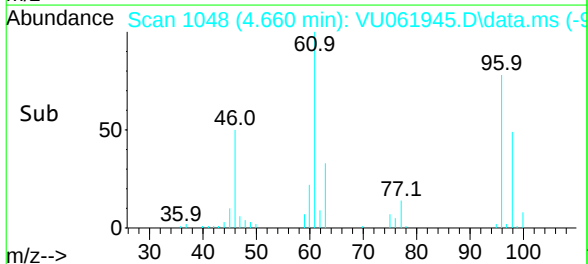
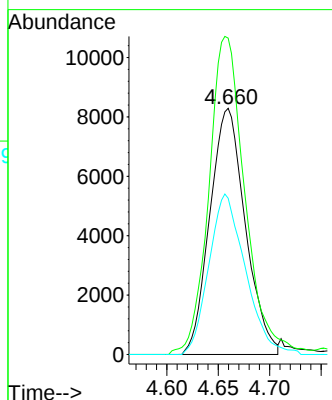
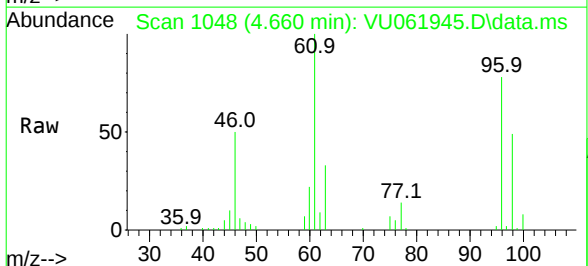




#22
 cis-1,2-Dichloroethene
 Concen: 1.628 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061945.D
 Acq: 22 Nov 2024 03:17

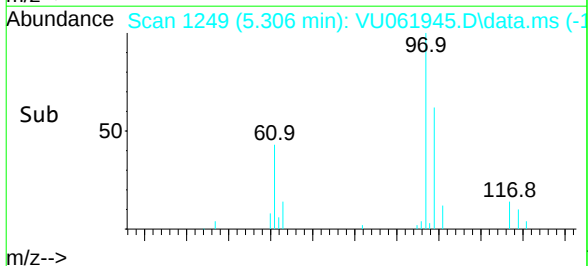
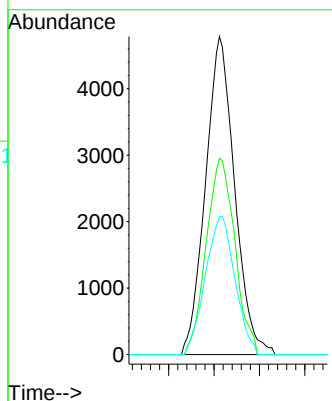
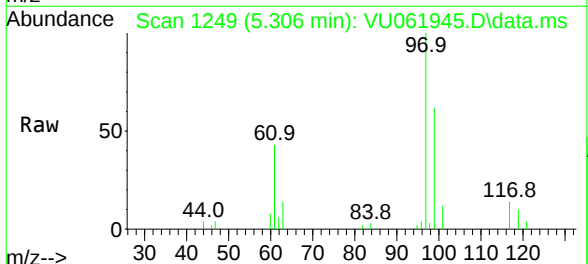
Instrument :
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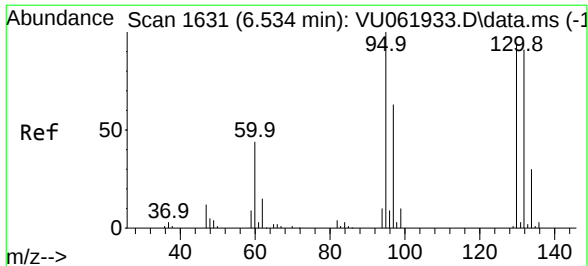
Tgt Ion:	96	Resp:	19916
Ion	Ratio	Lower	Upper
96	100		
61	128.5	92.0	170.8
98	63.5	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.645 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU061945.D
 Acq: 22 Nov 2024 03:17

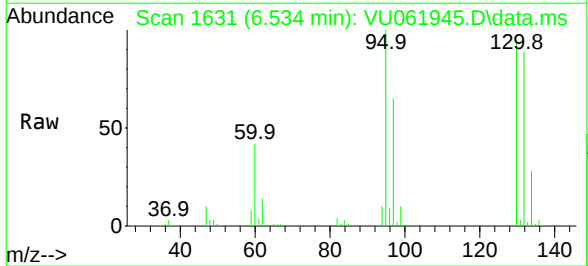
Tgt Ion:	97	Resp:	10656
Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.4	77.2
61	44.1	37.8	56.6



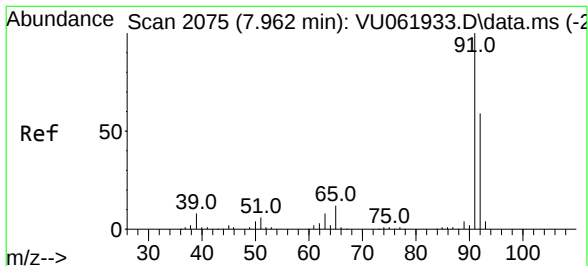
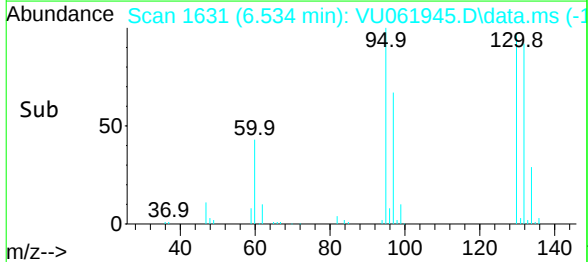
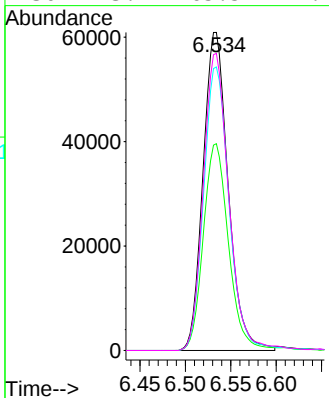


#34
Trichloroethene
Concen: 10.145 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061945.D
Acq: 22 Nov 2024 03:17

Instrument :
MSVOA_U
ClientSampleId :
BG414

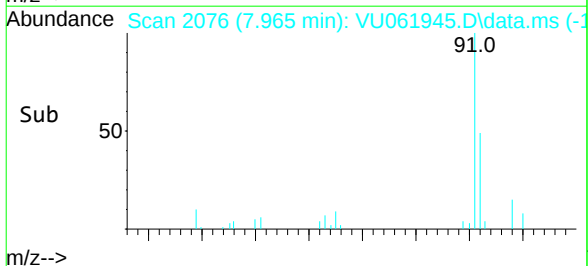
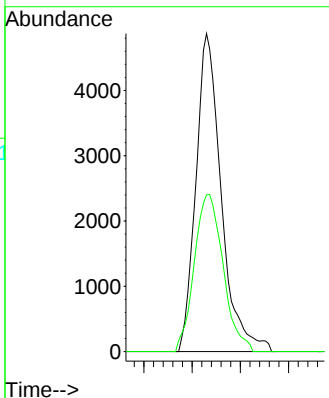
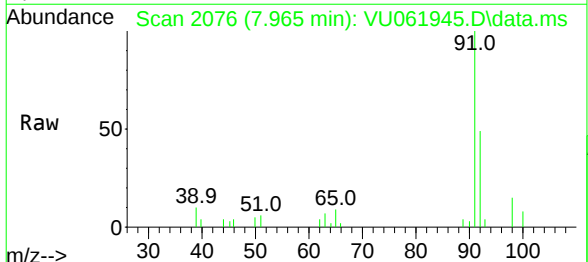


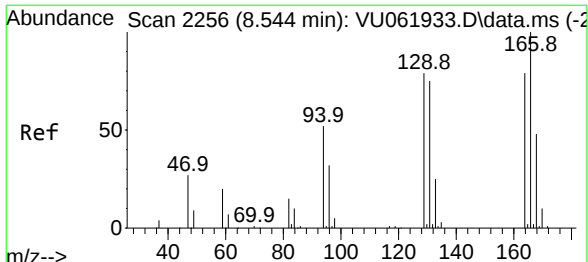
Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	89.2	63.8	118.4
130	93.4	65.5	121.7



#42
Toluene
Concen: 0.196 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061945.D
Acq: 22 Nov 2024 03:17

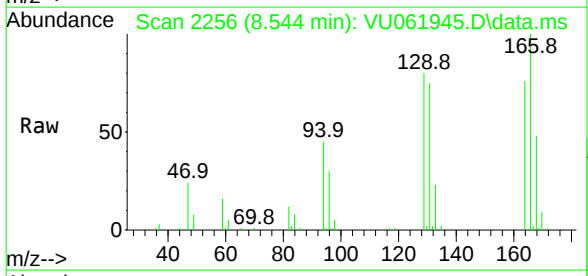
Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.3	39.0	72.4





#47
 Tetrachloroethene
 Concen: 3.112 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU061945.D
 Acq: 22 Nov 2024 03:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BG414



Tgt Ion:	164	Resp:	26158
Ion	Ratio	Lower	Upper
164	100		
129	105.1	73.2	136.0
131	98.5	72.3	134.3
166	131.8	90.2	167.4

