

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062676.D
 Acq On : 10 Jan 2025 11:45
 Operator : MD/SY
 Sample : Q1058-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X1

Quant Time: Jan 10 22:43:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

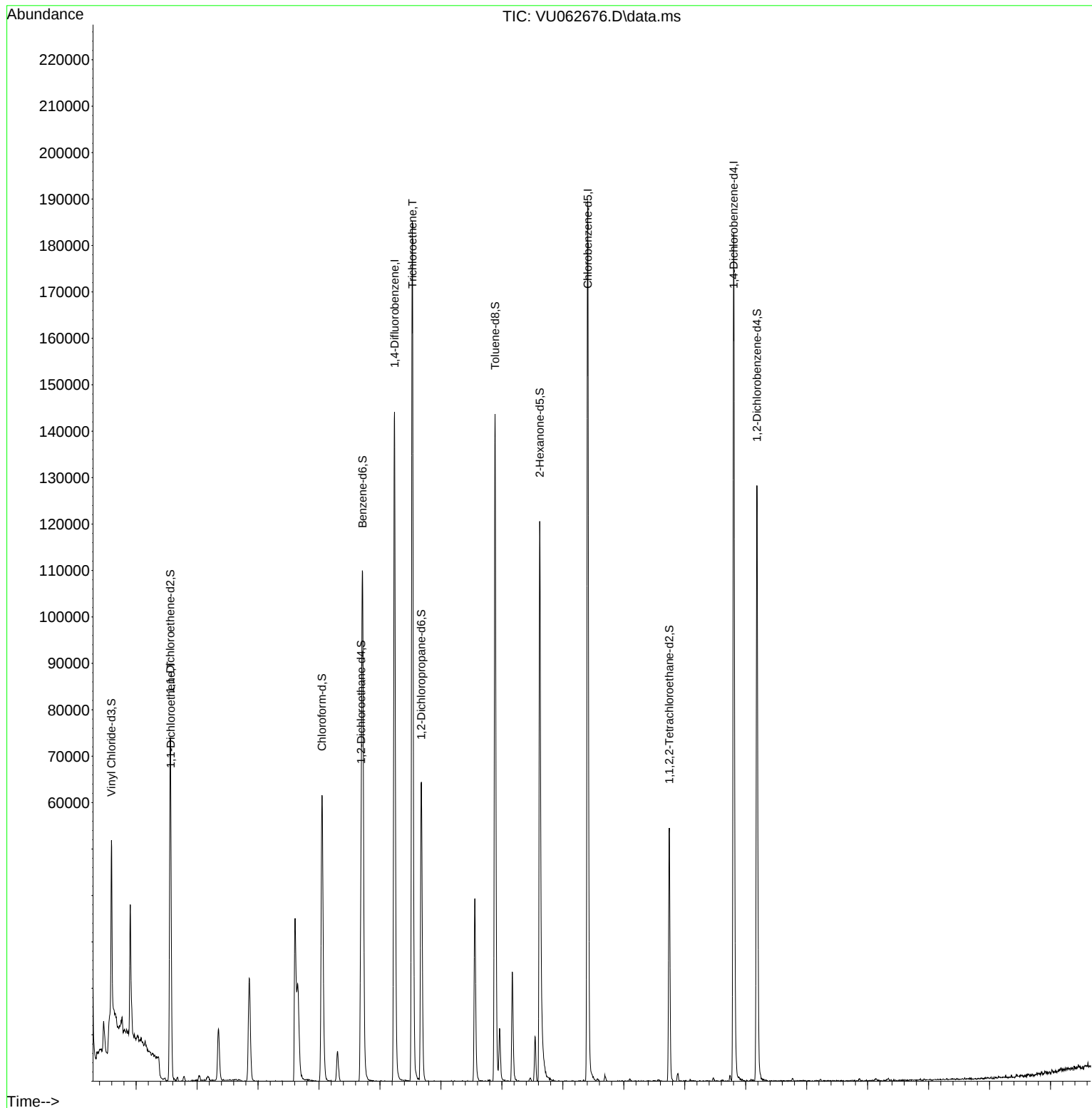
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	119335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	107329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22282	3.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.904	69	19628	3.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	11984	3.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.608	46	49909	36.948	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.900%
24) Chloroform-d	5.049	84	60401	3.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	5.692	65	34883	3.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
32) Benzene-d6	5.714	84	103217	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.676	67	28766	3.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.888	98	99056	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.171	79	14608	4.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.621	63	41619	36.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25034	4.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	37006	4.277	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.570	96	8229	1.111	ug/L #	24
17) Methyl tert-butyl Ether	3.351	73	12414	0.610	ug/L	100
19) 1,1-Dichloroethane	3.856	63	25605	1.804	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	9522	1.102	ug/L	97
25) Chloroform	5.074	83	3923	0.225	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	5042	0.310	ug/L #	85
34) Trichloroethene	6.531	95	65567	6.224	ug/L	96
42) Toluene	7.962	91	8541	0.253	ug/L	100

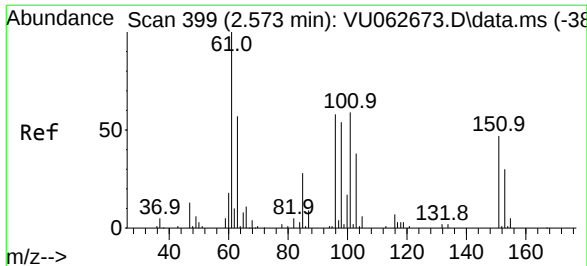
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

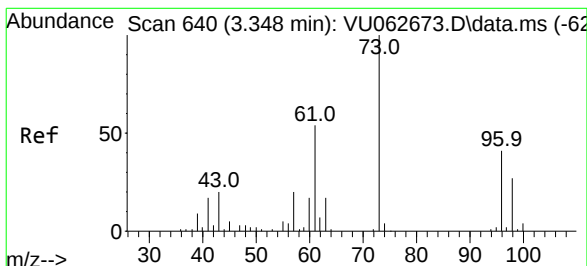
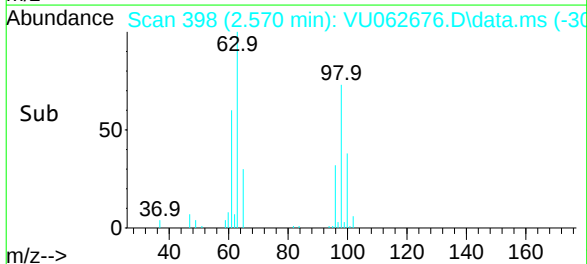
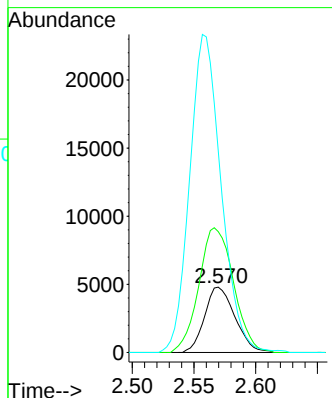
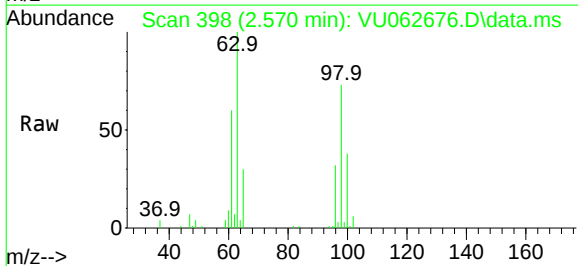




#12
1,1-Dichloroethene
Concen: 1.111 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

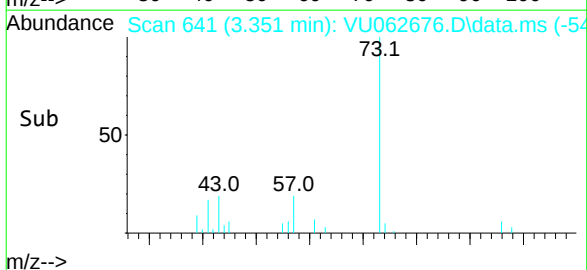
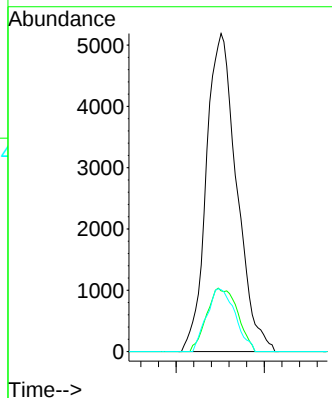
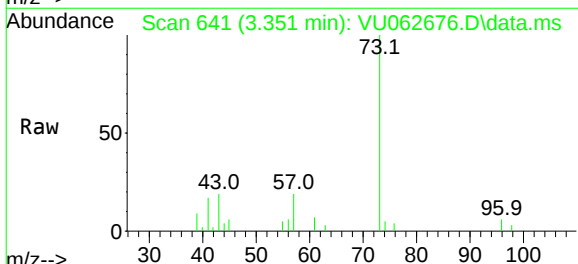
Instrument :
MSVOA_U
ClientSampleId :
BH8X1

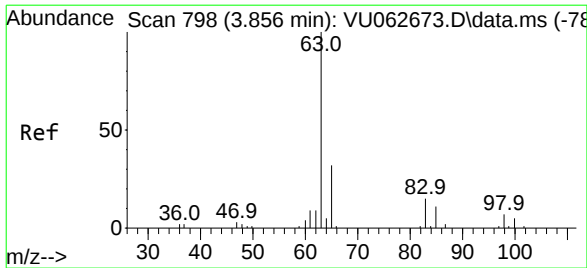
Tgt Ion: 96 Resp: 8229
Ion Ratio Lower Upper
96 100
61 185.0 120.4 223.6
63 308.7 82.3 152.9#



#17
Methyl tert-butyl Ether
Concen: 0.610 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

Tgt Ion: 73 Resp: 12414
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 18.5 14.6 22.0

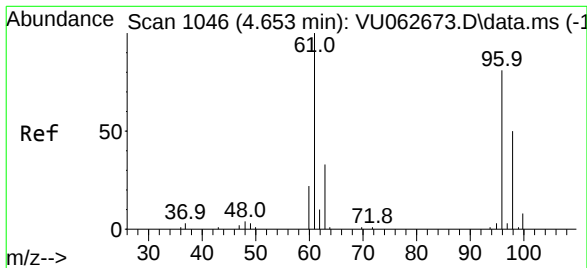
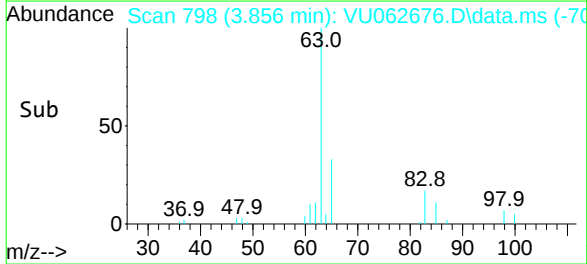
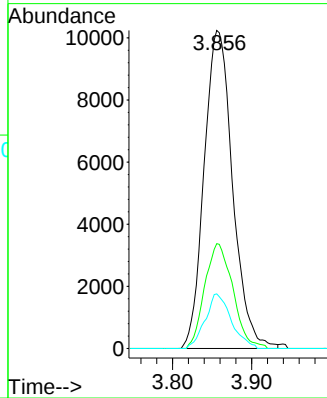
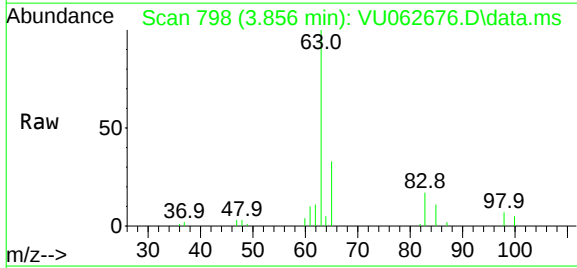




#19
1,1-Dichloroethane
Concen: 1.804 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

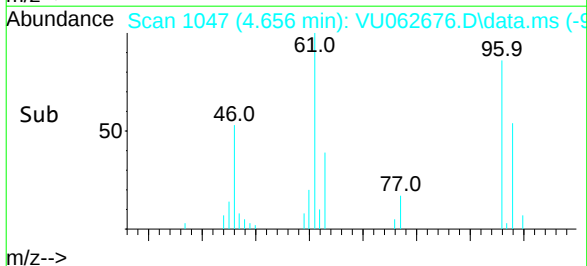
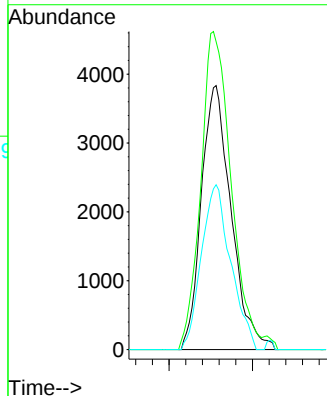
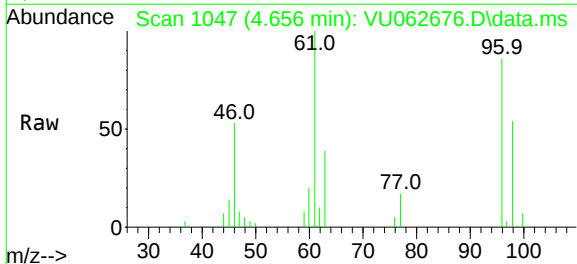
Instrument :
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ClientSampleId :
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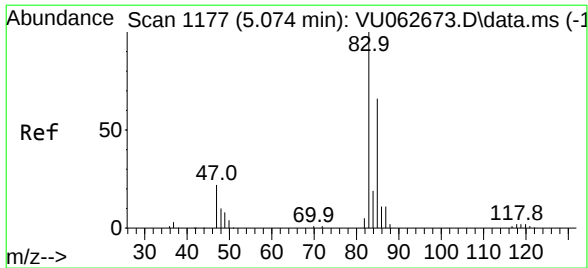
Tgt Ion:	63	Resp:	25605
Ion	Ratio	Lower	Upper
63	100		
65	33.0	20.7	38.5
83	17.2	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 1.102 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

Tgt Ion:	96	Resp:	9522
Ion	Ratio	Lower	Upper
96	100		
61	116.6	84.8	157.6
98	62.4	43.1	80.1

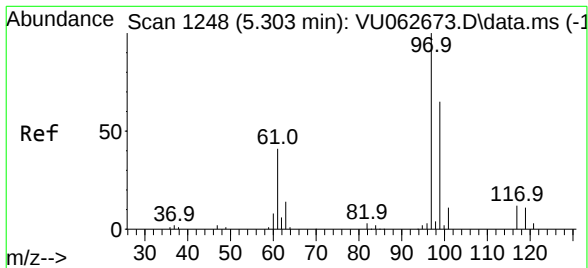
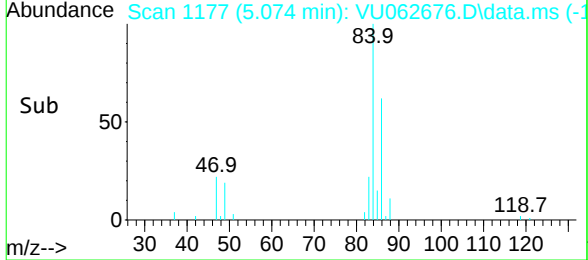
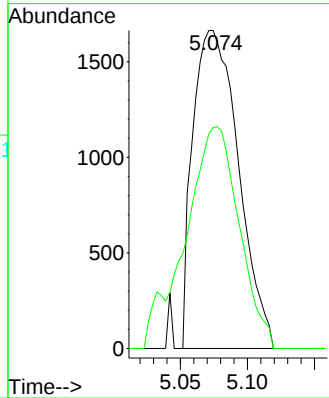
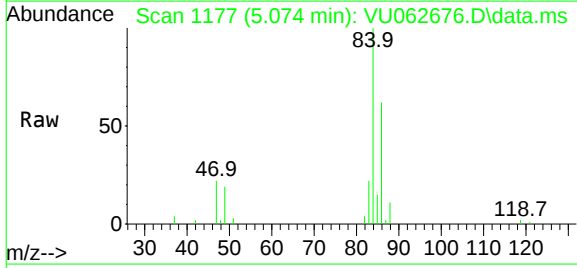




#25
 Chloroform
 Concen: 0.225 ug/L
 RT: 5.074 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: VU062676.D
 Acq: 10 Jan 2025 11:45

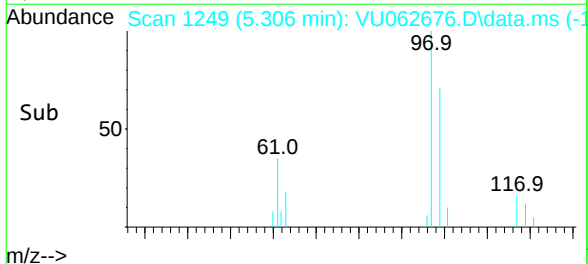
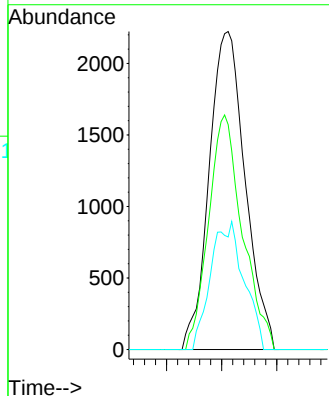
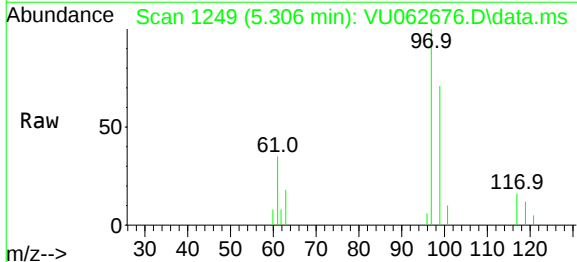
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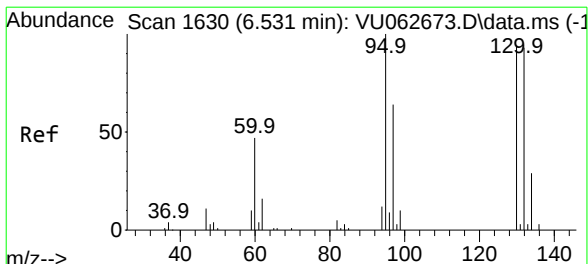
Tgt Ion:	83	Resp:	3923
Ion	Ratio	Lower	Upper
83	100		
85	69.5	45.8	85.2



#29
 1,1,1-Trichloroethane
 Concen: 0.310 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU062676.D
 Acq: 10 Jan 2025 11:45

Tgt Ion:	97	Resp:	5042
Ion	Ratio	Lower	Upper
97	100		
99	69.3	52.4	78.6
61	20.7	32.2	48.4

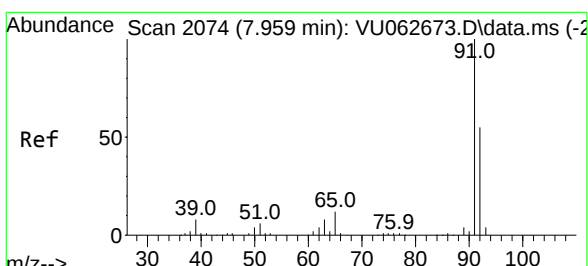
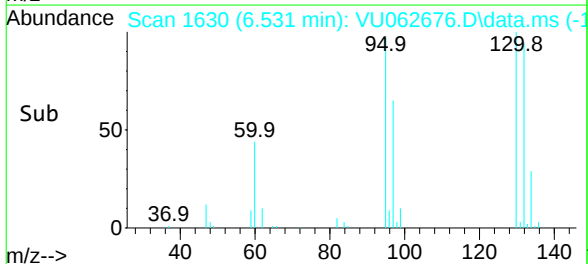
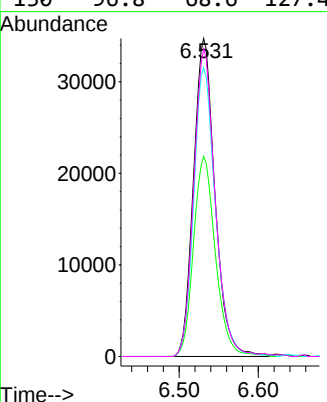
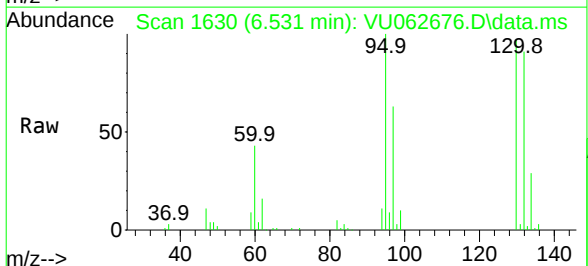




#34
 Trichloroethene
 Concen: 6.224 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VU062676.D
 Acq: 10 Jan 2025 11:45

Instrument : MSVOA_U
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Tgt Ion:	95	Resp:	65567
Ion	Ratio	Lower	Upper
95	100		
97	62.9	47.5	88.3
132	90.7	66.9	124.3
130	96.8	68.6	127.4



#42
 Toluene
 Concen: 0.253 ug/L
 RT: 7.962 min Scan# 2075
 Delta R.T. 0.003 min
 Lab File: VU062676.D
 Acq: 10 Jan 2025 11:45

Tgt Ion:	91	Resp:	8541
Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.4	75.0

