

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058474.D
 Acq On : 08 Apr 2024 17:24
 Operator : MD/SY
 Sample : P1948-17DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

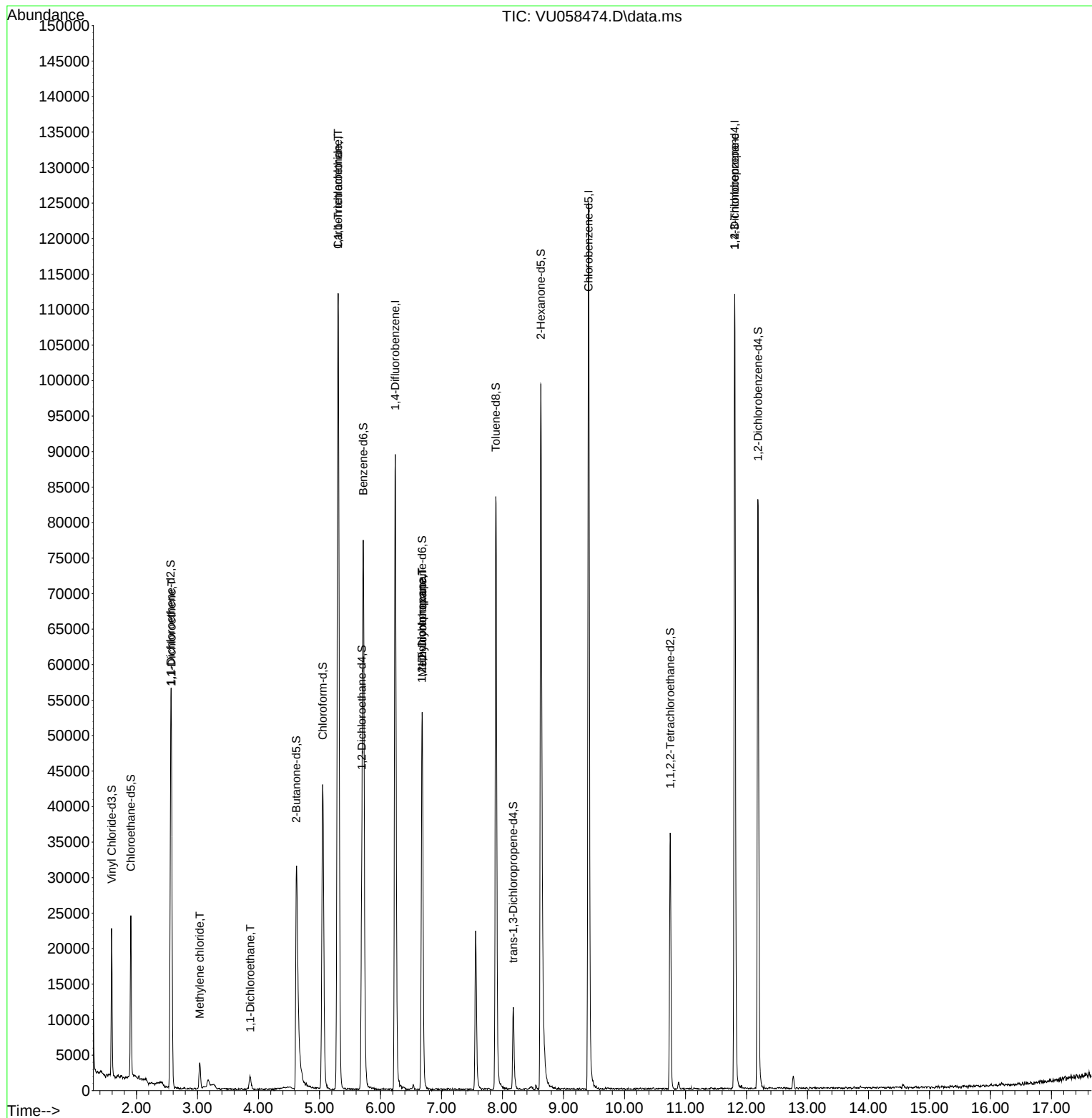
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14041	3.011	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	60.200%		
7) Chloroethane-d5	1.907	69	15415	3.804	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	76.000%		
11) 1,1-Dichloroethene-d2	2.560	65	6863	3.252	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.000%		
20) 2-Butanone-d5	4.621	46	53821	54.771	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	109.540%		
24) Chloroform-d	5.052	84	40313	4.331	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.600%		
26) 1,2-Dichloroethane-d4	5.695	65	20508	4.721	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.400%		
32) Benzene-d6	5.717	84	70690	3.840	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	76.800%		
36) 1,2-Dichloropropane-d6	6.682	67	25726	4.457	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	89.200%		
41) Toluene-d8	7.891	98	56822	3.481	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	69.600%#		
43) trans-1,3-Dichloroprop...	8.177	79	7406	4.133	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.600%		
46) 2-Hexanone-d5	8.627	63	35671	48.265	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.520%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18598	4.564	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	21916	4.377	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	87.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	11176	2.239	ug/L	91
16) Methylene chloride	3.036	84	1774	0.268	ug/L	92
19) 1,1-Dichloroethane	3.865	63	2907	0.255	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	78996	8.618	ug/L	98
31) Carbon tetrachloride	5.306	117	9661	1.244	ug/L	97
35) Methylcyclohexane	6.685	83	5485	0.583	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	2647	0.406	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3913	1.290	ug/L #	66

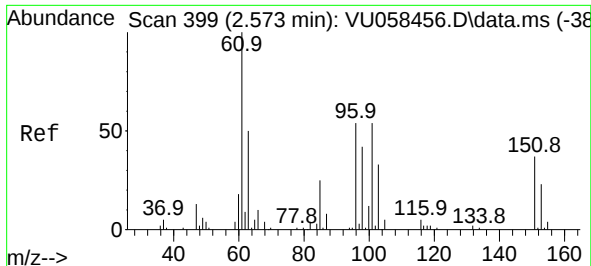
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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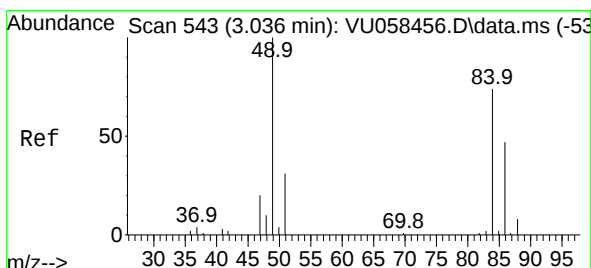
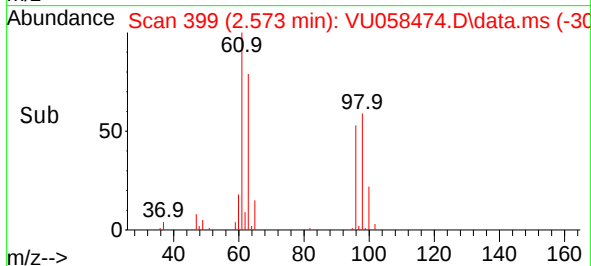
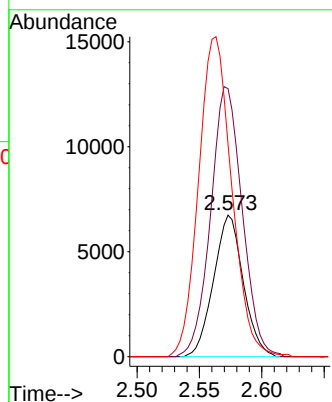
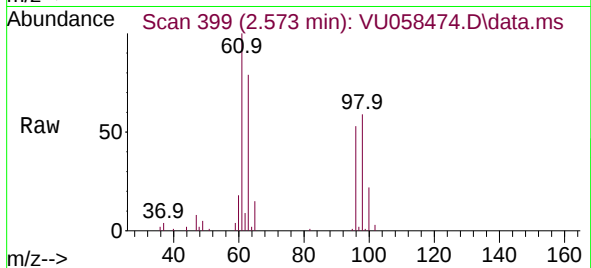




#12
1,1-Dichloroethene
Concen: 2.239 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058474.D
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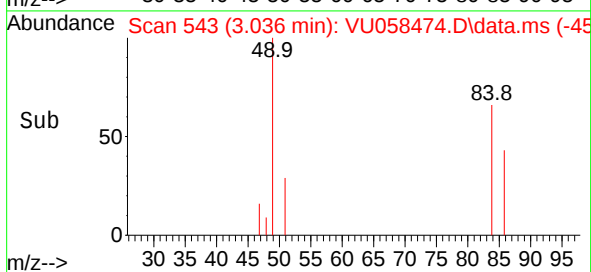
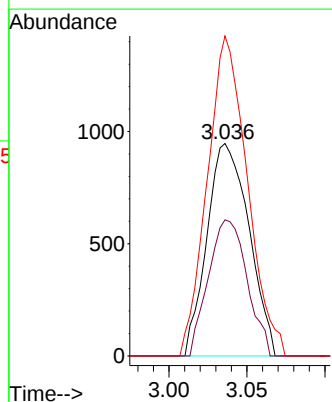
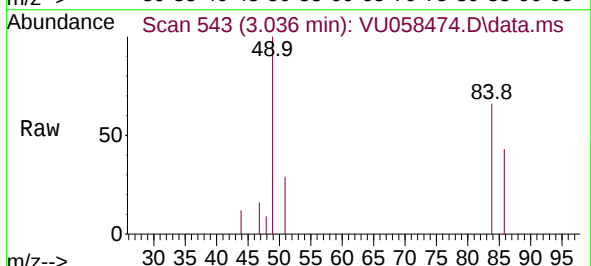
Instrument :
MSVOA_U
ClientSampleId :

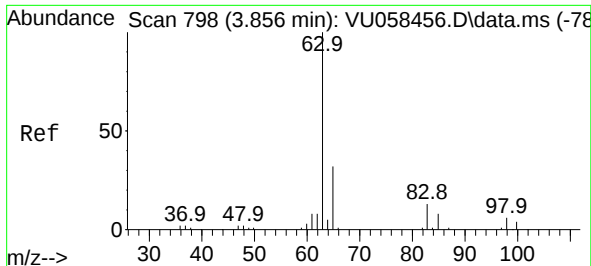
Tgt Ion: 96 Resp: 11176
Ion Ratio Lower Upper
96 100
61 189.3 132.5 246.1
63 149.9 87.7 162.9



#16
Methylene chloride
Concen: 0.268 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058474.D
Acq: 08 Apr 2024 17:24

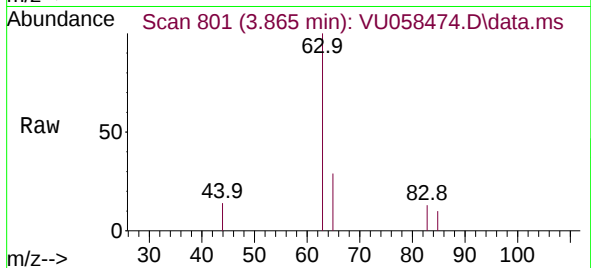
Tgt Ion: 84 Resp: 1774
Ion Ratio Lower Upper
84 100
86 64.1 44.3 82.3
49 150.6 96.0 178.2



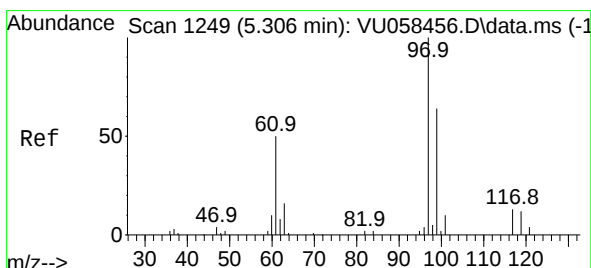
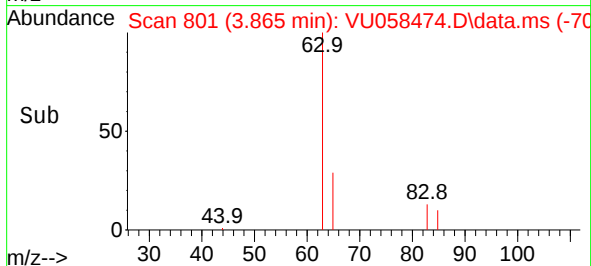
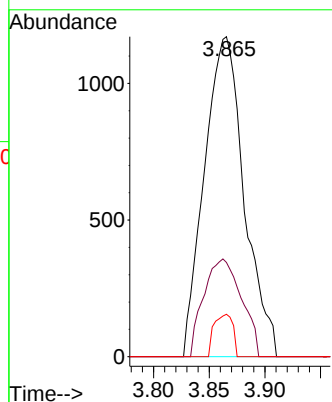


#19
1,1-Dichloroethane
Concen: 0.255 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.010 min
Lab File: VU058474.D
Acq: 08 Apr 2024 17:24

Instrument :
MSVOA_U
ClientSampleId :

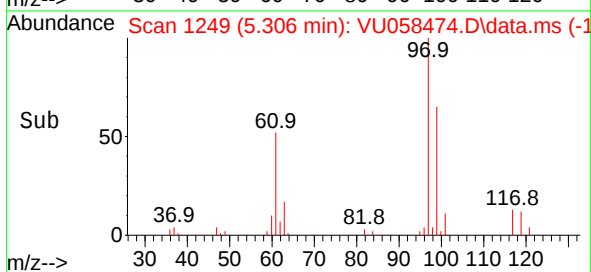
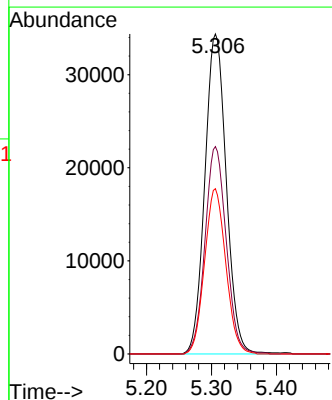
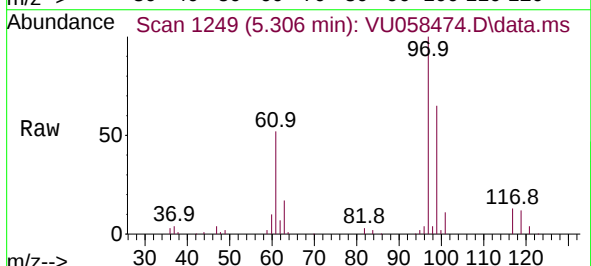


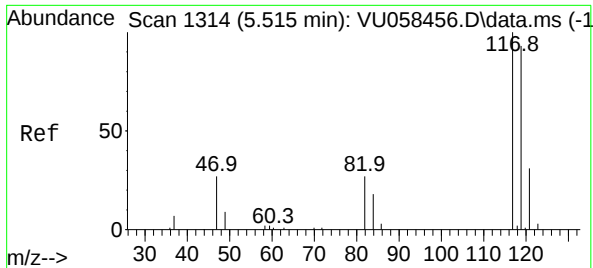
Tgt Ion:	63	Resp:	2907
Ion Ratio	Lower	Upper	
63	100		
65	29.5	22.9	42.5
83	13.2	9.6	17.8



#29
1,1,1-Trichloroethane
Concen: 8.618 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058474.D
Acq: 08 Apr 2024 17:24

Tgt Ion:	97	Resp:	78996
Ion Ratio	Lower	Upper	
97	100		
99	64.2	50.4	75.6
61	51.1	39.4	59.0

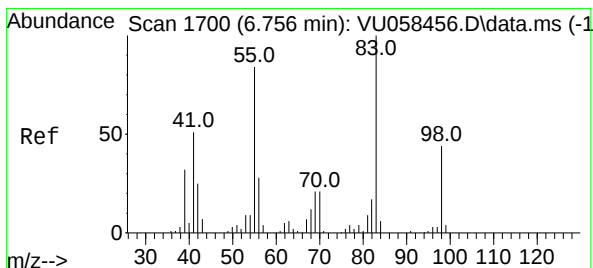
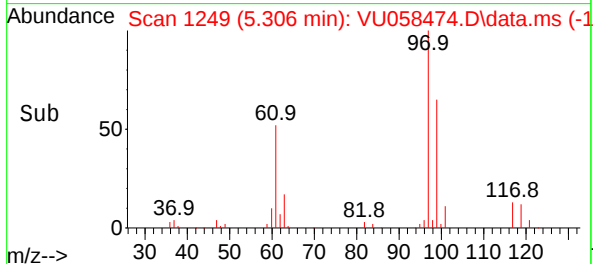
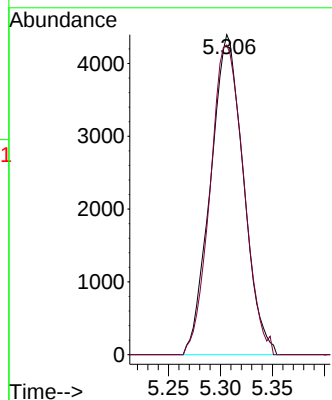
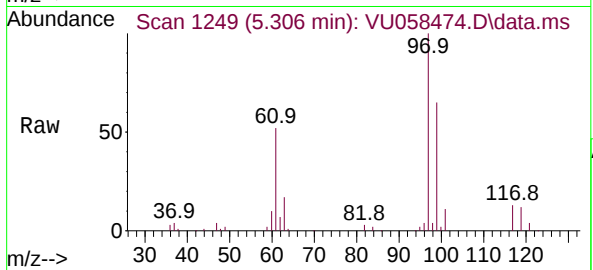




#31
Carbon tetrachloride
Concen: 1.244 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU058474.D
Acq: 08 Apr 2024 17:24

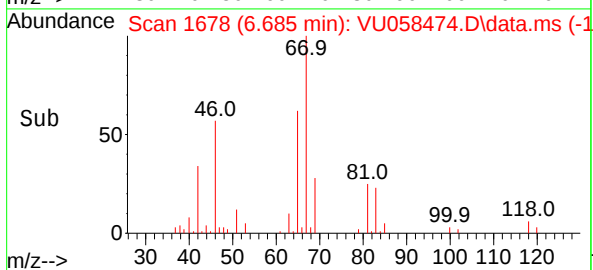
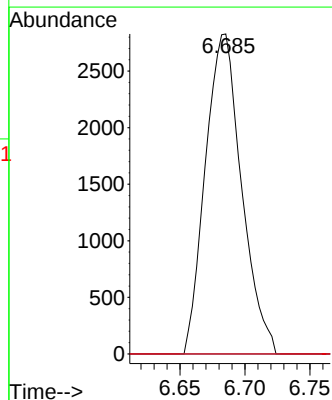
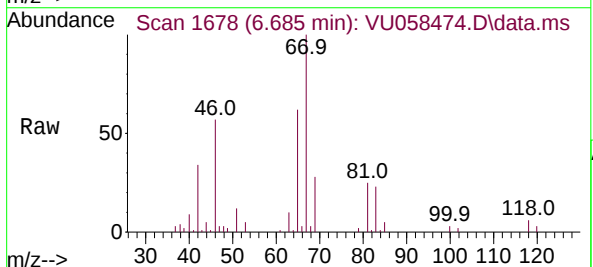
Instrument :
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ClientSampleId :

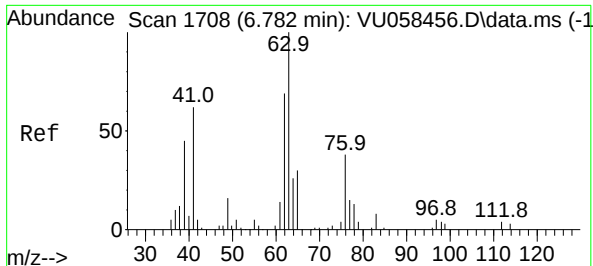
Tgt Ion:117 Resp: 9661
Ion Ratio Lower Upper
117 100
119 98.6 76.7 115.1



#35
Methylcyclohexane
Concen: 0.583 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058474.D
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Tgt Ion: 83 Resp: 5485
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

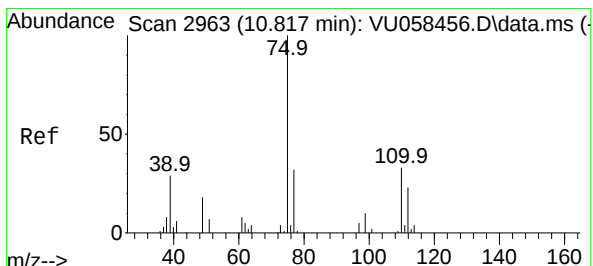
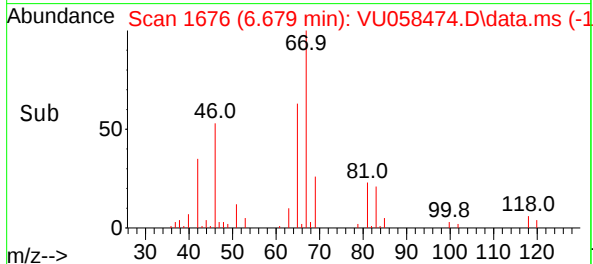
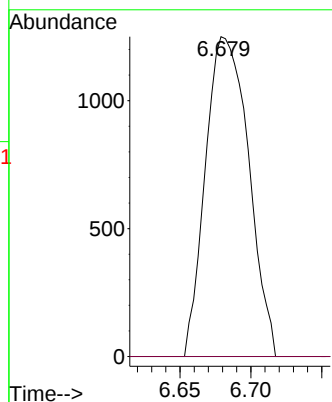
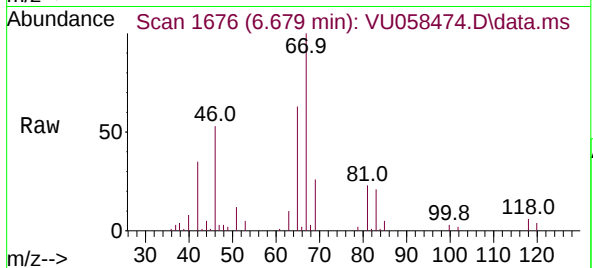




#37
1,2-Dichloropropane
Concen: 0.406 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058474.D
Acq: 08 Apr 2024 17:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2647
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.290 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058474.D
Acq: 08 Apr 2024 17:24

Tgt Ion: 75 Resp: 3913
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 36.4 25.1 37.7

