

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055432.D
 Acq On : 20 Sep 2023 18:06
 Operator : MD/SY
 Sample : 04398-01DL2 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:31:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

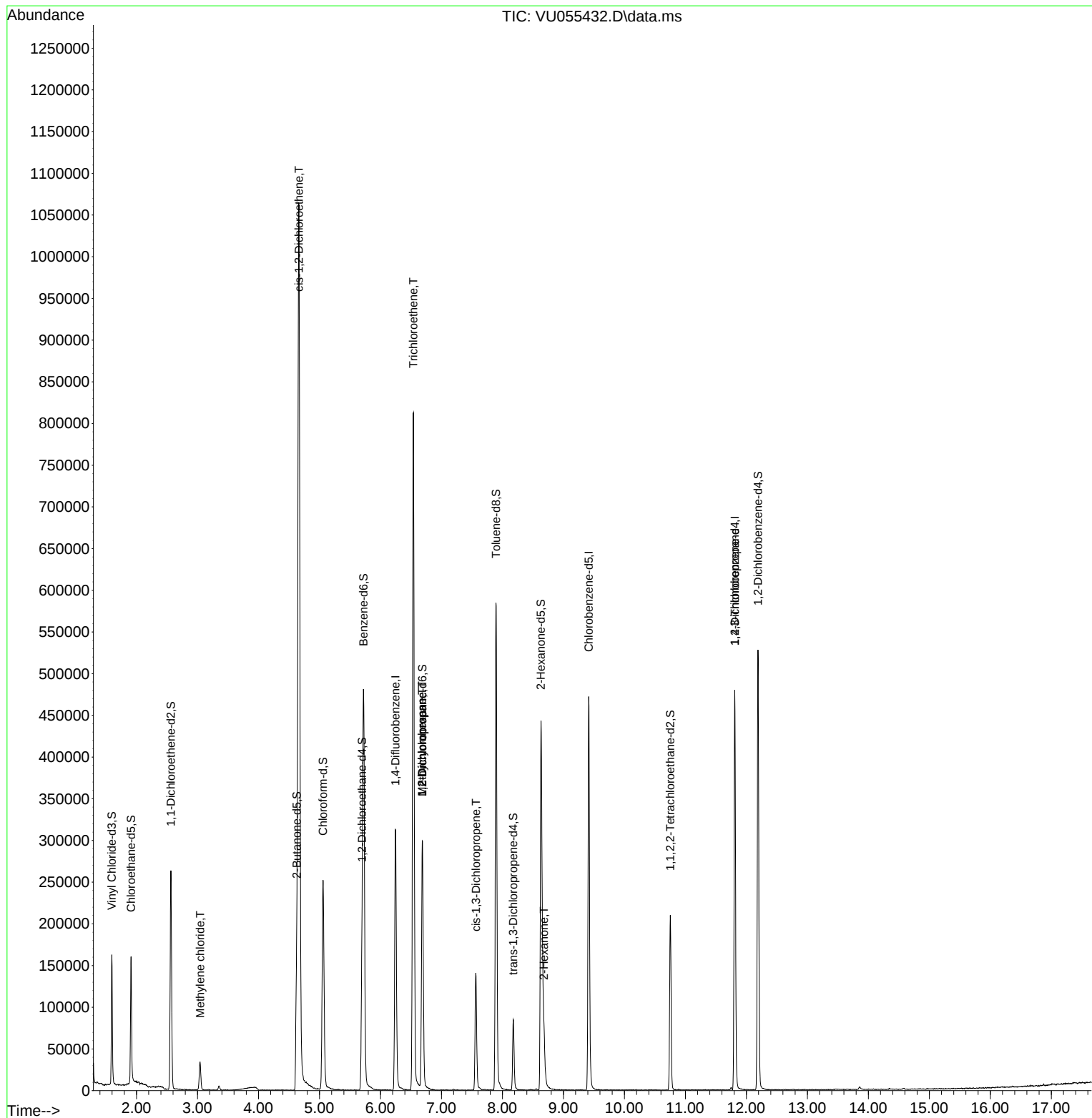
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	259185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	126749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112649	4.300	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.911	69	105790	4.583	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.563	65	48163	4.467	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.628	46	251707	53.198	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.400%	
24) Chloroform-d	5.058	84	235071	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.698	65	120814	5.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.724	84	467360	5.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.689	67	139684	5.030	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.894	98	401016	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.177	79	48599	4.987	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.631	63	136415	46.021	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.040%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103744	4.985	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	141638	5.537	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
16) Methylene chloride	3.042	84	16107	0.742	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	553055	26.117	ug/L	98
34) Trichloroethene	6.541	95	284926	13.171	ug/L	98
35) Methylcyclohexane	6.685	83	33837	1.086	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	15533	0.777	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	3682	0.138	ug/L #	54
48) 2-Hexanone	8.682	43	36152	5.141	ug/L #	85
61) 1,2,3-Trichloropropane	11.811	75	16664	1.684	ug/L #	68

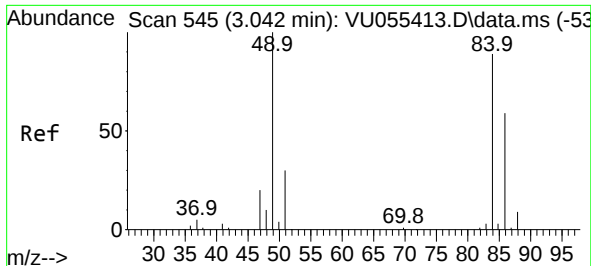
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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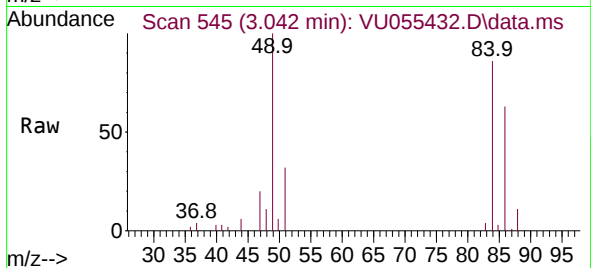
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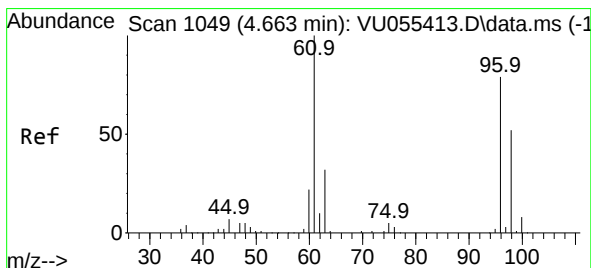
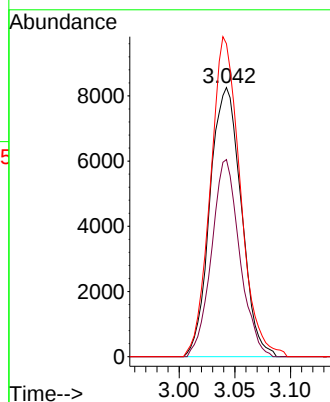
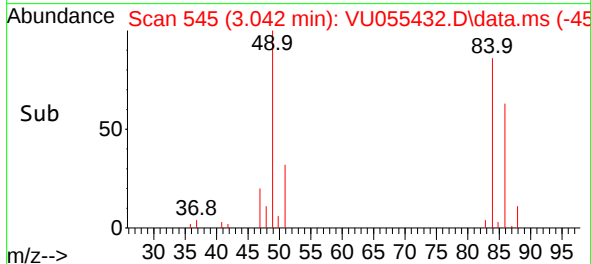


#16
Methylene chloride
Concen: 0.742 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055432.D
Acq: 20 Sep 2023 18:06

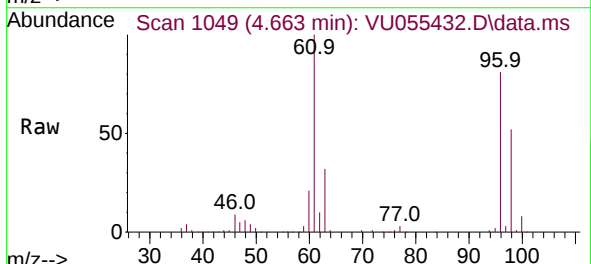
Instrument :
MSVOA_U
ClientSampleId :



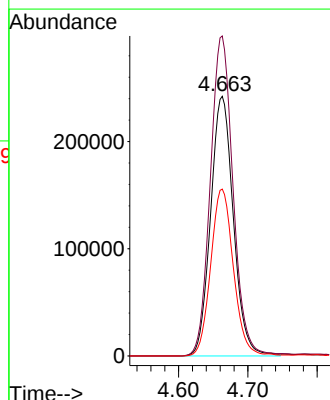
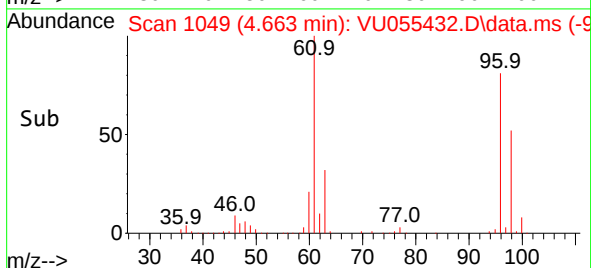
Tgt Ion: 84 Resp: 16107
Ion Ratio Lower Upper
84 100
86 73.2 44.9 83.3
49 123.1 78.8 146.3

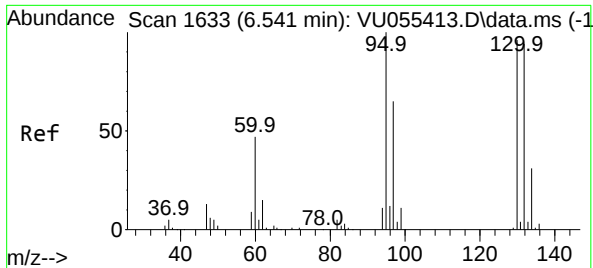


#22
cis-1,2-Dichloroethene
Concen: 26.117 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055432.D
Acq: 20 Sep 2023 18:06



Tgt Ion: 96 Resp: 553055
Ion Ratio Lower Upper
96 100
61 123.2 87.8 163.2
98 64.3 44.4 82.4

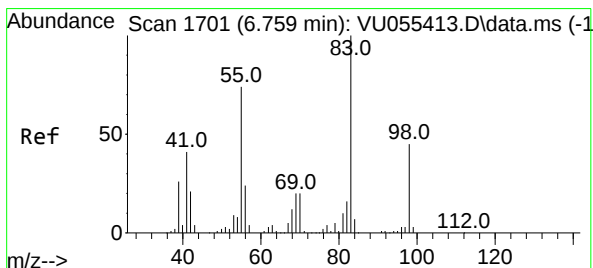
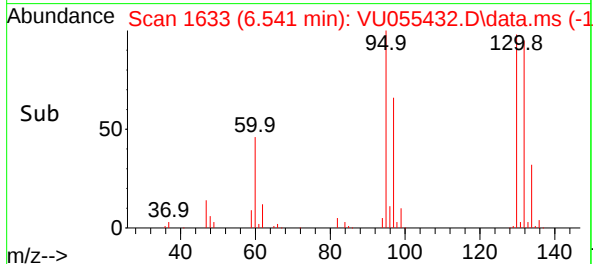
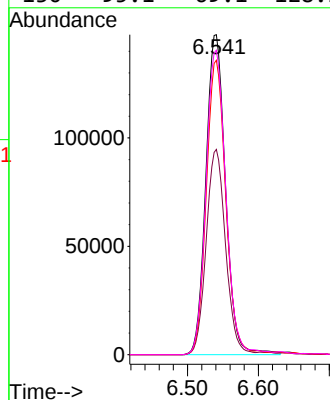
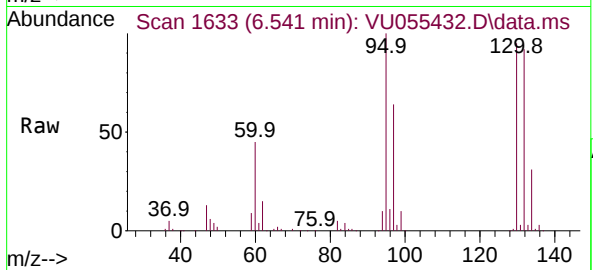




#34
Trichloroethene
Concen: 13.171 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055432.D
Acq: 20 Sep 2023 18:06

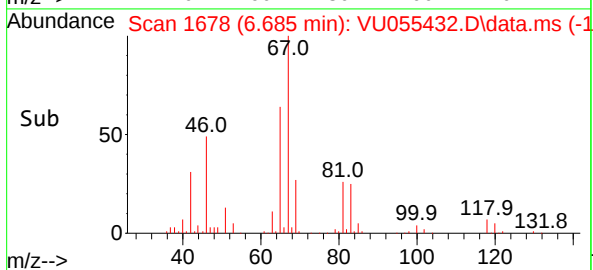
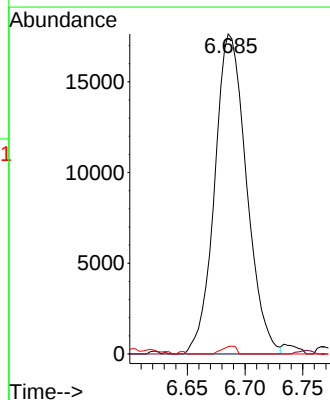
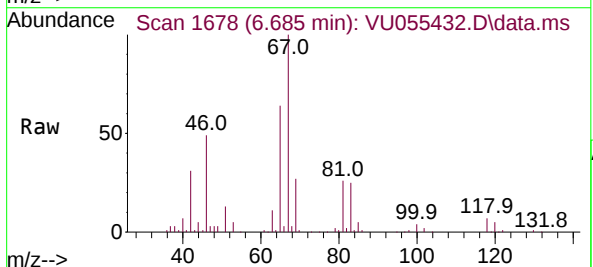
Instrument :
MSVOA_U
ClientSampleId :

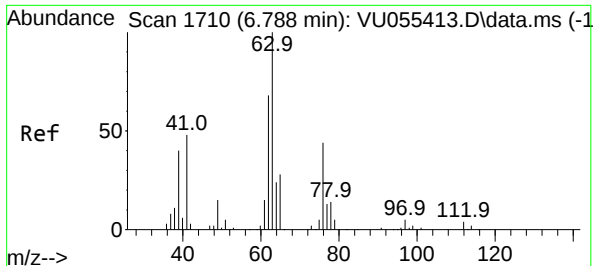
Tgt Ion: 95 Resp: 284926
Ion Ratio Lower Upper
95 100
97 64.2 45.4 84.2
132 92.0 65.2 121.2
130 95.1 69.1 128.3



#35
Methylcyclohexane
Concen: 1.086 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055432.D
Acq: 20 Sep 2023 18:06

Tgt Ion: 83 Resp: 33837
Ion Ratio Lower Upper
83 100
55 0.1 59.1 88.7#
98 0.0 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.777 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055432.D

Acq: 20 Sep 2023 18:06

Instrument :

MSVOA_U

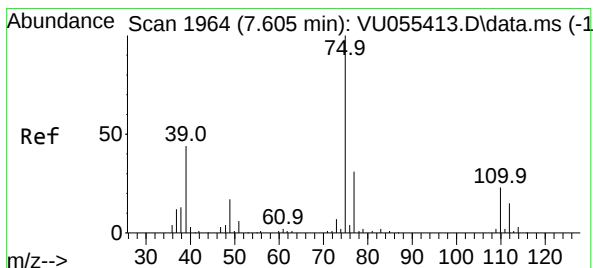
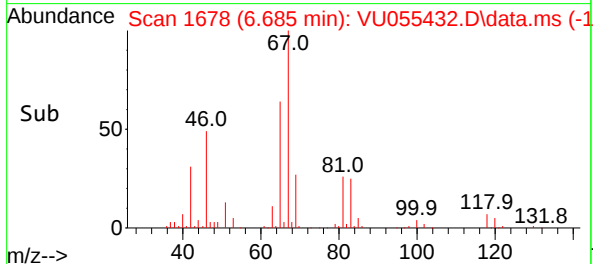
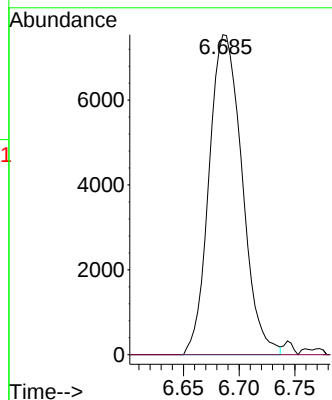
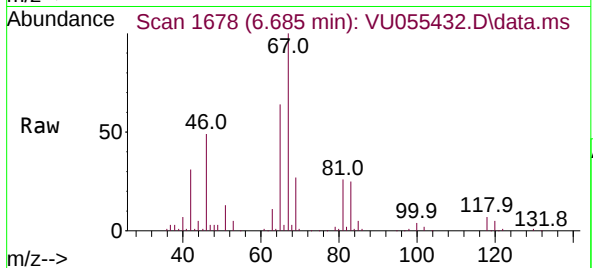
ClientSampleId :

Tgt Ion: 63 Resp: 15533

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 7.566 min Scan# 1952

Delta R.T. -0.039 min

Lab File: VU055432.D

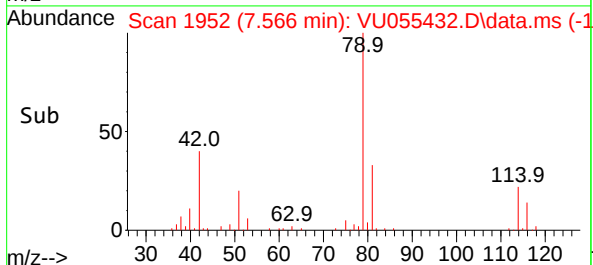
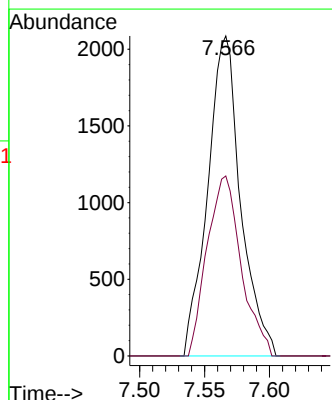
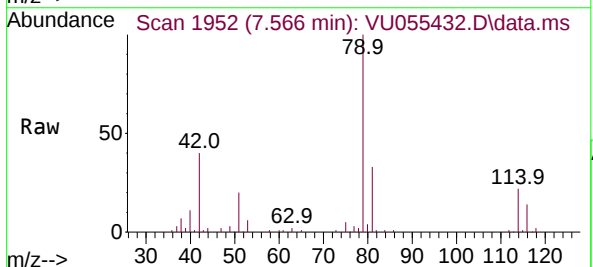
Acq: 20 Sep 2023 18:06

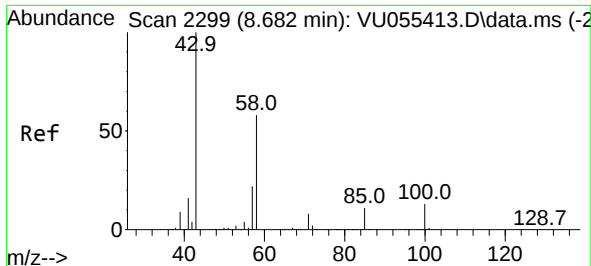
Tgt Ion: 75 Resp: 3682

Ion Ratio Lower Upper

75 100

77 56.3 21.6 40.2#

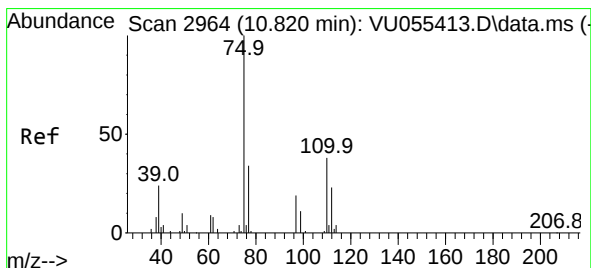
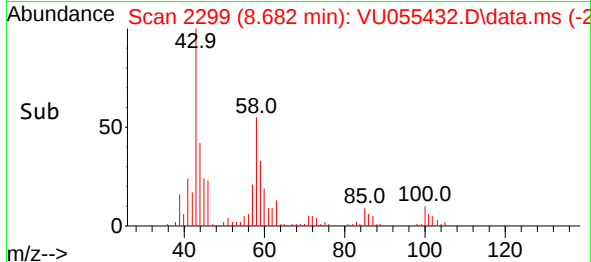
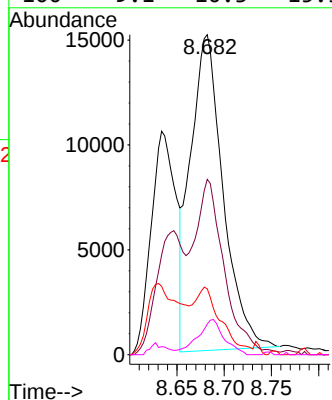
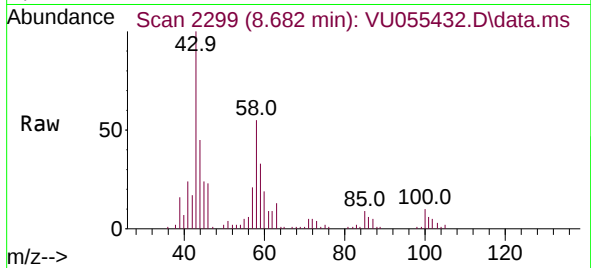




#48
2-Hexanone
Concen: 5.141 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055432.D
Acq: 20 Sep 2023 18:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 36152
Ion Ratio Lower Upper
43 100
58 47.1 48.5 72.7#
57 16.6 17.0 25.4#
100 9.1 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.684 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055432.D
Acq: 20 Sep 2023 18:06

Tgt Ion: 75 Resp: 16664
Ion Ratio Lower Upper
75 100
110 2.6 30.6 45.8#
77 32.5 26.7 40.1

