

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055189.D
 Acq On : 07 Sep 2023 15:26
 Operator : MD/SY
 Sample : 04286-21DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

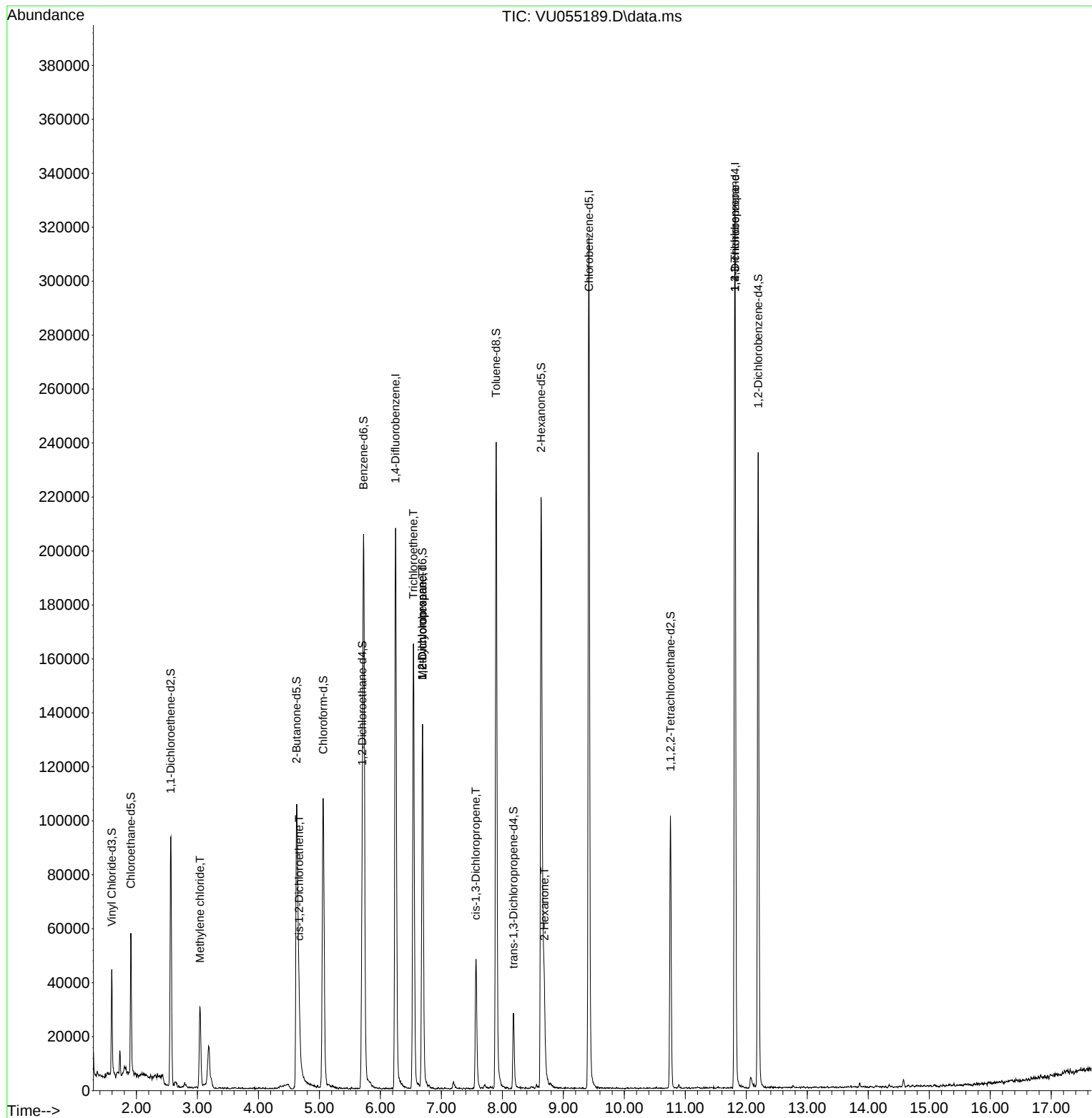
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	163941	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	82909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27561	3.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	36393	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17264	3.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.624	46	130108	58.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.700%
24) Chloroform-d	5.062	84	98720	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.702	65	53552	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.724	84	187562	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.689	67	65507	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.898	98	161186	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.181	79	15374	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.634	63	69082	45.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49249	5.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	59655	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
16) Methylene chloride	3.039	84	13732	1.186	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	7310	0.777	ug/L	85
34) Trichloroethene	6.541	95	54610	5.368	ug/L	96
35) Methylcyclohexane	6.689	83	14588	1.022	ug/L #	23
37) 1,2-Dichloropropane	6.689	63	6903	0.693	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	1547	0.114	ug/L #	83
48) 2-Hexanone	8.689	43	17230	3.869	ug/L	98
61) 1,2,3-Trichloropropane	11.811	75	12205	2.218	ug/L #	70

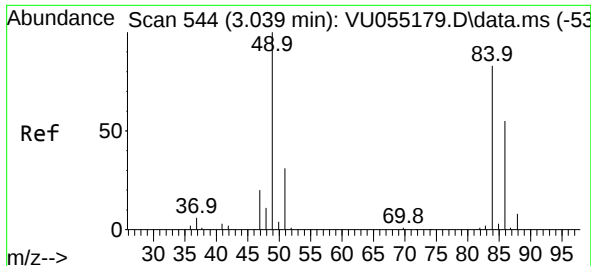
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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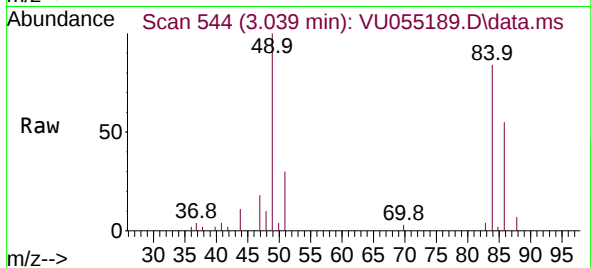
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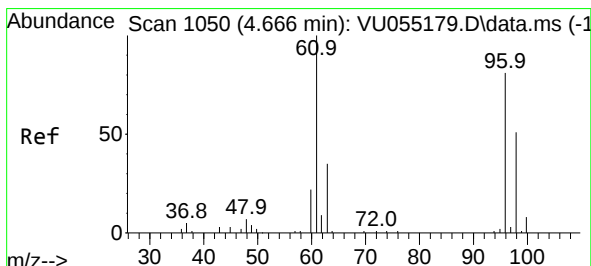
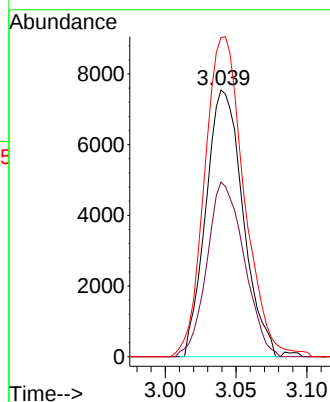
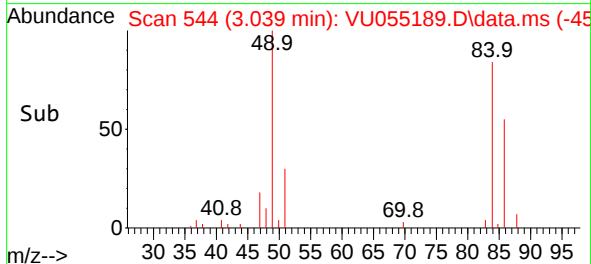


#16
Methylene chloride
Concen: 1.186 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055189.D
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Instrument :
MSVOA_U
ClientSampleId :

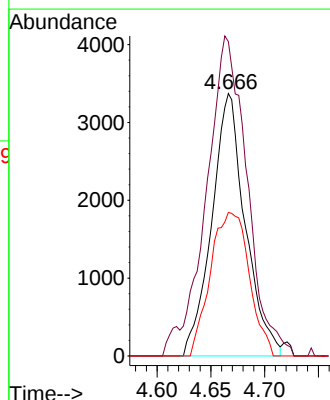
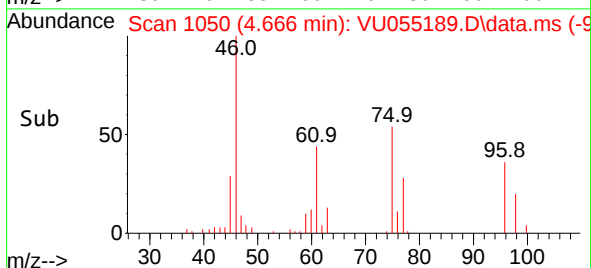
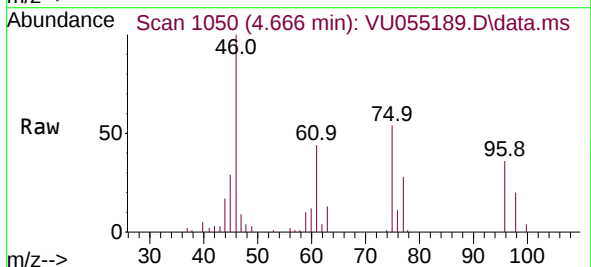


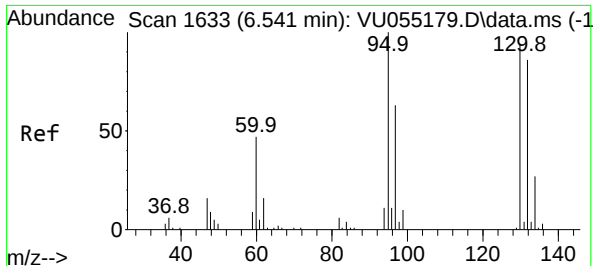
Tgt Ion: 84 Resp: 13732
Ion Ratio Lower Upper
84 100
86 65.5 43.4 80.6
49 119.7 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU055189.D
Acq: 07 Sep 2023 15:26

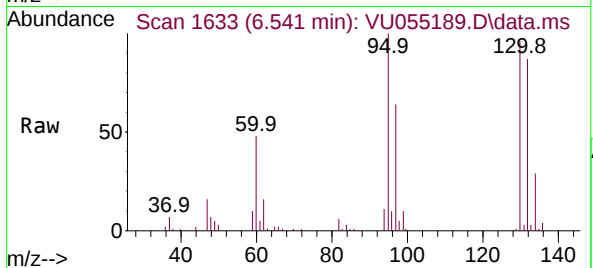
Tgt Ion: 96 Resp: 7310
Ion Ratio Lower Upper
96 100
61 119.8 97.2 180.4
98 54.7 46.1 85.7



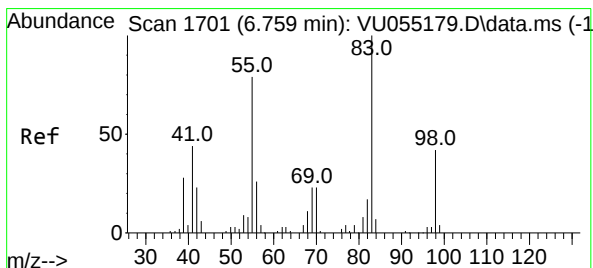
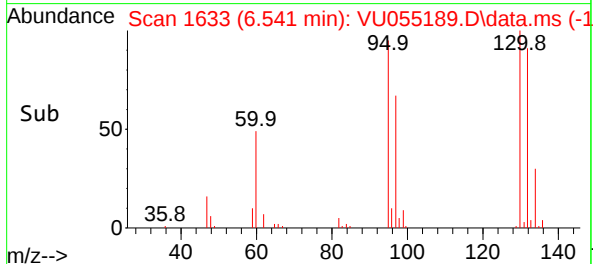
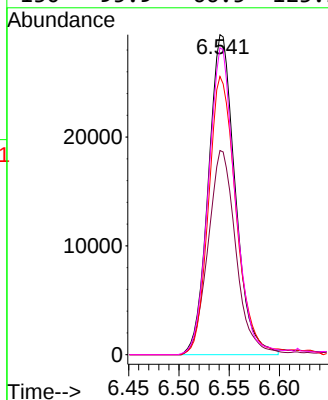


#34
Trichloroethene
Concen: 5.368 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055189.D
Acq: 07 Sep 2023 15:26

Instrument :
MSVOA_U
ClientSampleId :

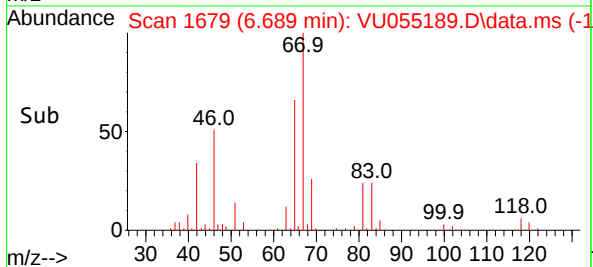
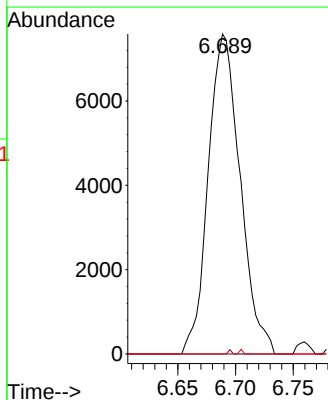
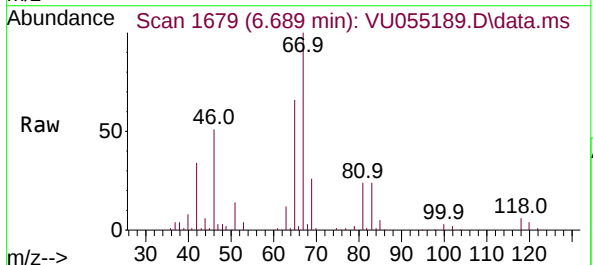


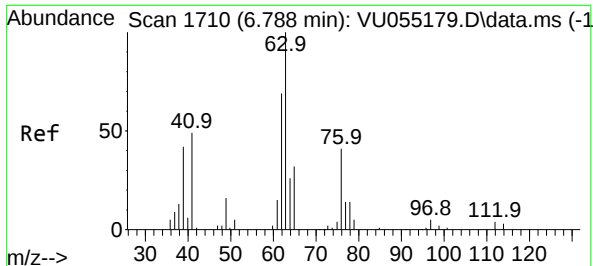
Tgt Ion:	95	Resp:	54610
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	83.1
132	86.9	66.6	123.6
130	95.9	66.5	123.5



#35
Methylcyclohexane
Concen: 1.022 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055189.D
Acq: 07 Sep 2023 15:26

Tgt Ion:	83	Resp:	14588
Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	6.0	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055189.D

Acq: 07 Sep 2023 15:26

Instrument :

MSVOA_U

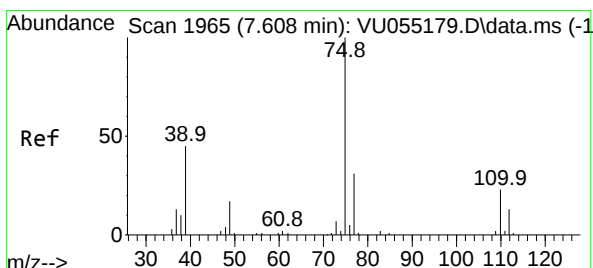
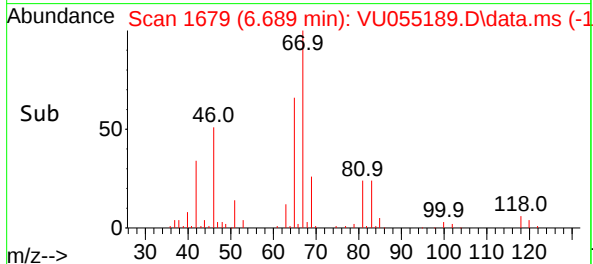
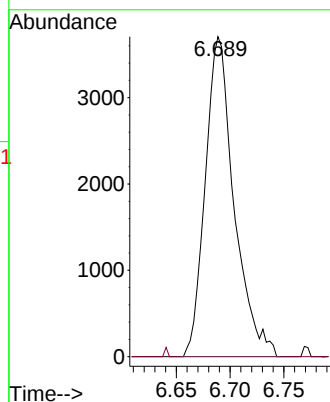
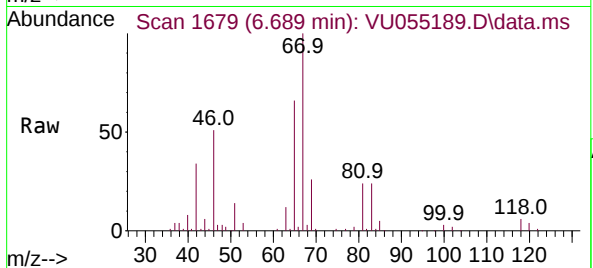
ClientSampleId :

Tgt Ion: 63 Resp: 6903

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU055189.D

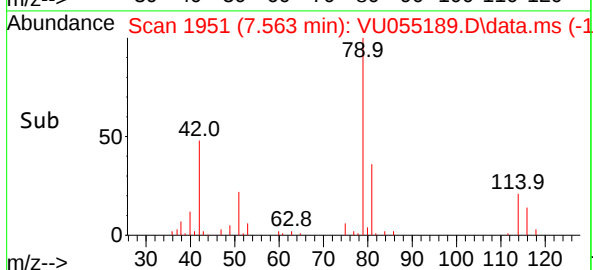
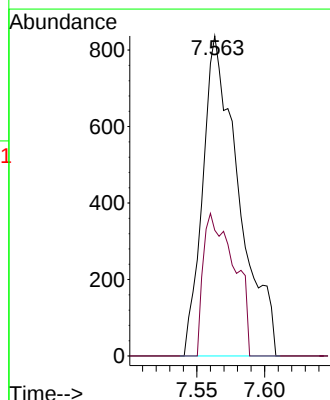
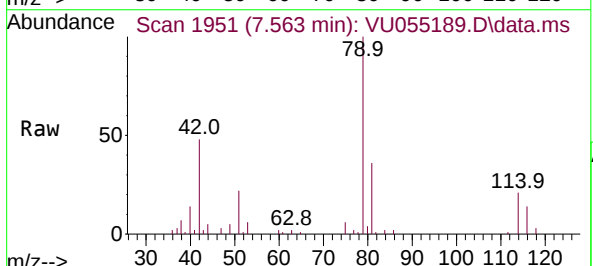
Acq: 07 Sep 2023 15:26

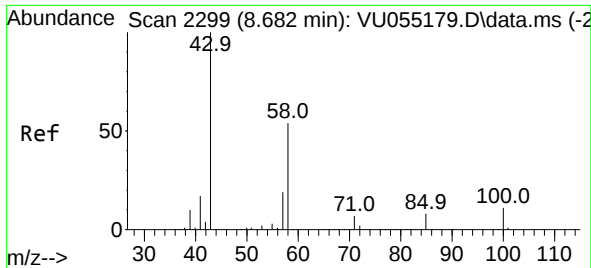
Tgt Ion: 75 Resp: 1547

Ion Ratio Lower Upper

75 100

77 39.3 20.9 38.9#



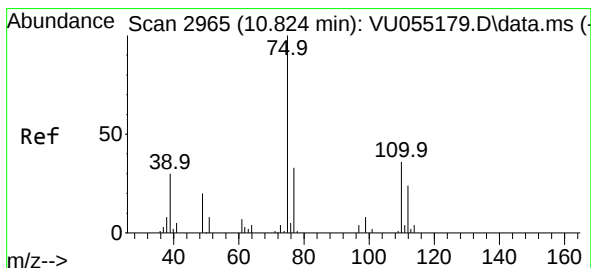
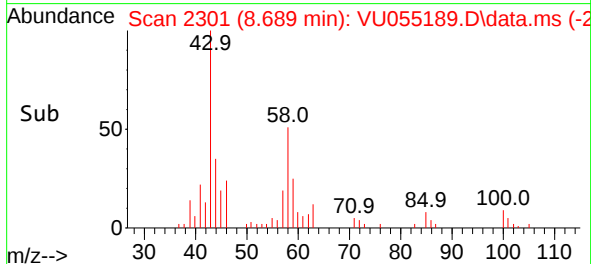
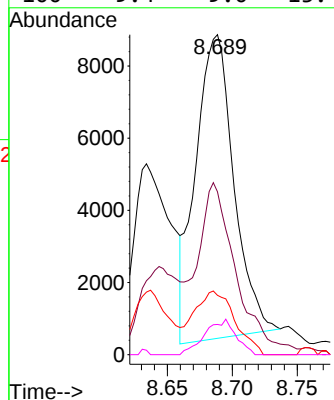
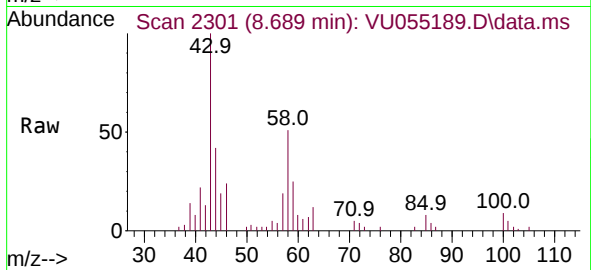


#48
2-Hexanone
Concen: 3.869 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055189.D
Acq: 07 Sep 2023 15:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 17230

Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.0	66.0
57	22.8	16.2	24.2
100	9.4	9.0	13.4



#61
1,2,3-Trichloropropane
Concen: 2.218 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055189.D
Acq: 07 Sep 2023 15:26

Tgt Ion: 75 Resp: 12205

Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.2	42.2#
77	33.5	26.2	39.4

