

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056416.D
 Acq On : 16 Nov 2023 18:46
 Operator : MD/SY
 Sample : 05371-05DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:40:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

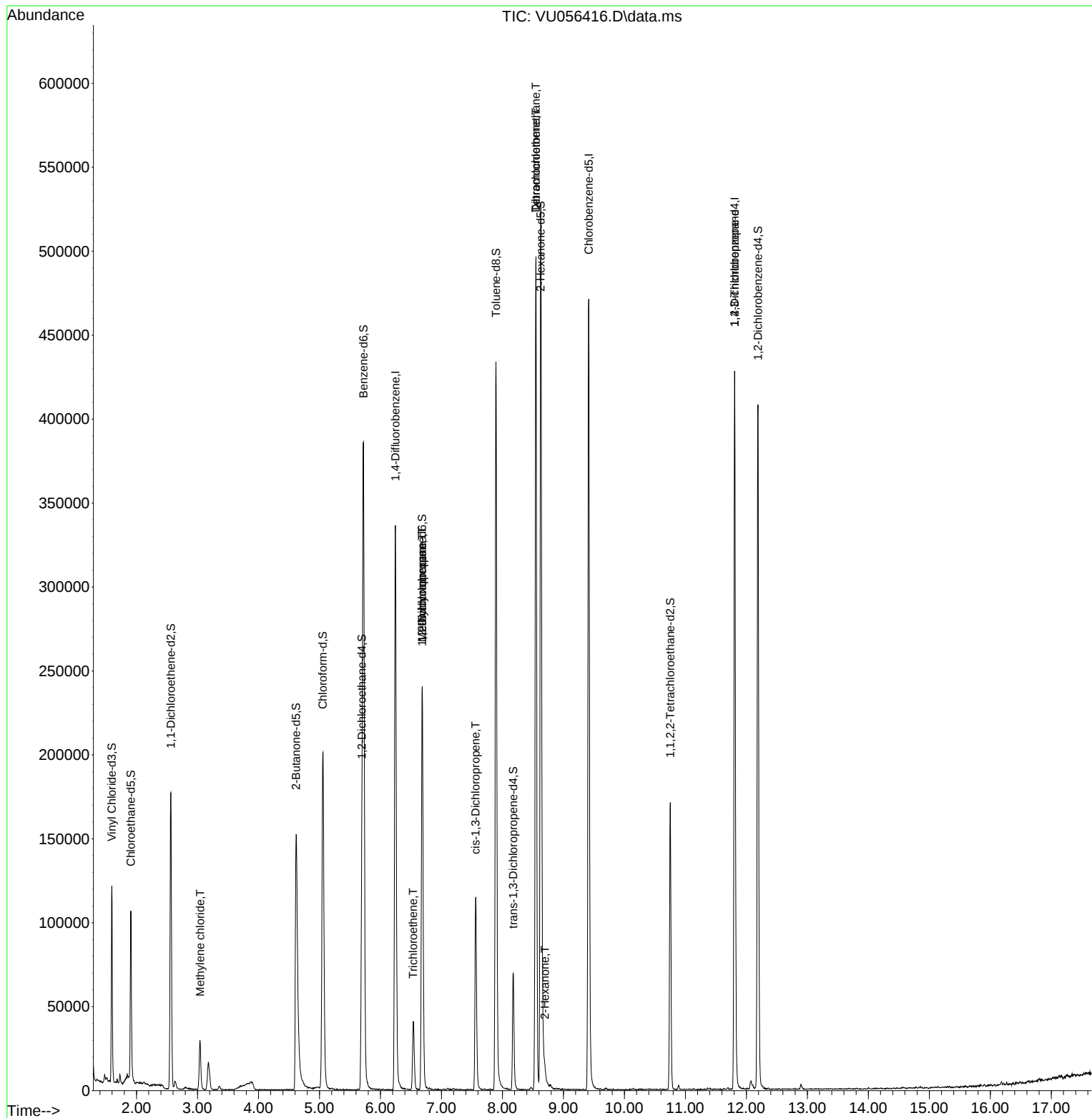
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275638	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	266023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83256	4.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.907	69	74016	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.563	65	33393	3.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.618	46	228254	55.523	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	5.055	84	192631	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	97853	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.721	84	369877	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	118061	4.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.894	98	299380	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	42218	4.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	183852	51.066	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85699	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	110158	5.165	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	13805	0.618	ug/L	97
34) Trichloroethene	6.537	95	14703	0.711	ug/L	95
35) Methylcyclohexane	6.685	83	28914	0.968	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	12694	0.641	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3251	0.112	ug/L #	57
47) Tetrachloroethene	8.550	164	107154	7.684	ug/L	98
48) 2-Hexanone	8.695	43	5265	0.689	ug/L #	87
49) Dibromochloromethane	8.550	129	108466	7.235	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	14379	1.452	ug/L #	66

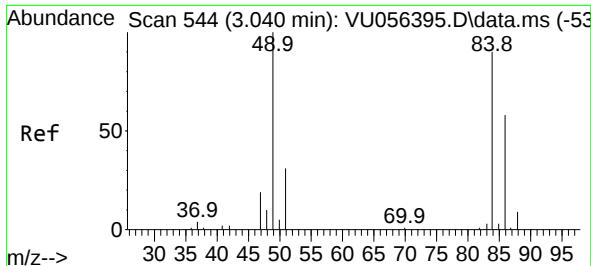
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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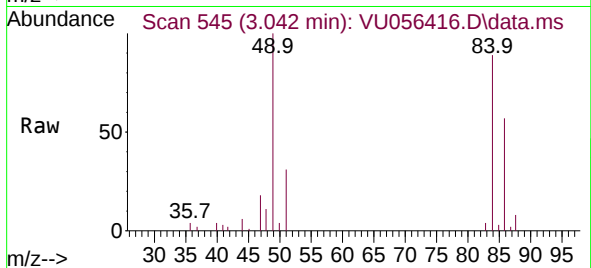
Quant Time: Nov 17 01:40:41 2023
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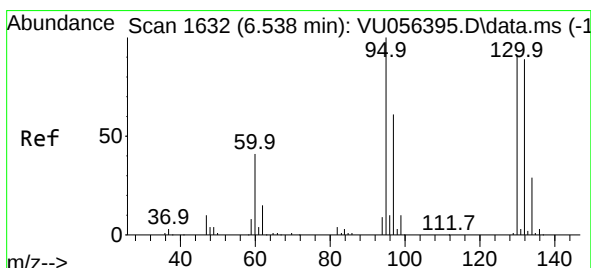
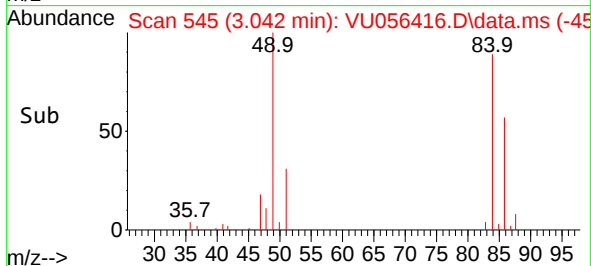
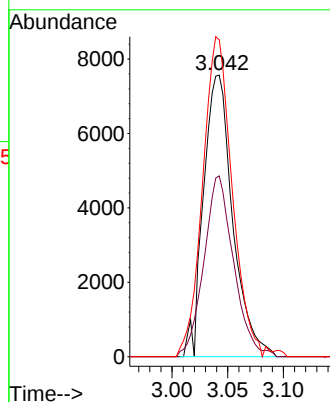
#16
Methylene chloride
Concen: 0.618 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU056416.D
Acq: 16 Nov 2023 18:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 13805

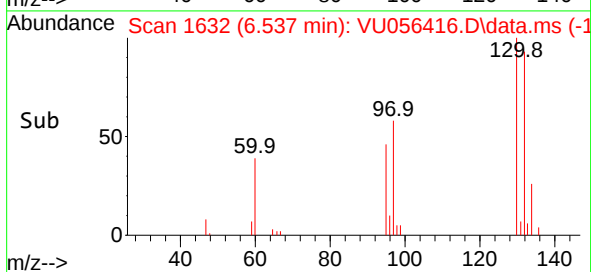
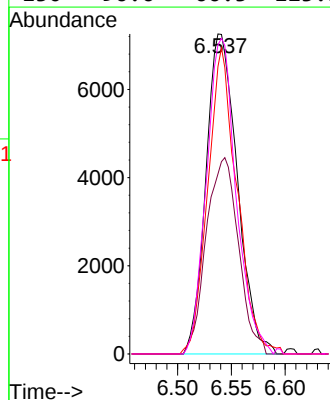
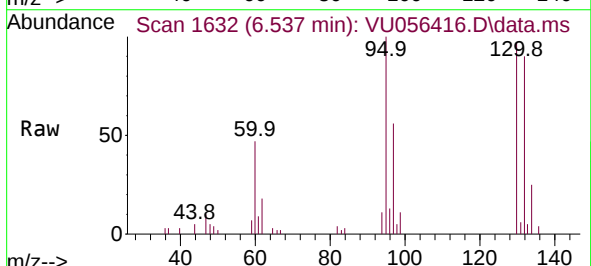
Ion	Ratio	Lower	Upper
84	100		
86	64.2	44.7	83.1
49	112.5	81.8	152.0

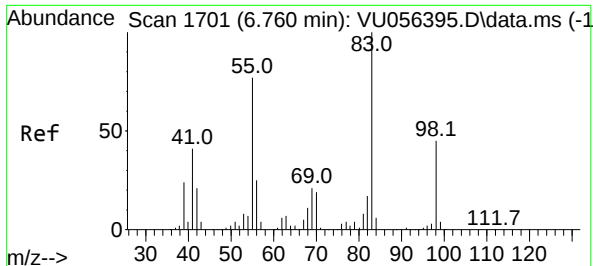


#34
Trichloroethene
Concen: 0.711 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056416.D
Acq: 16 Nov 2023 18:46

Tgt Ion: 95 Resp: 14703

Ion	Ratio	Lower	Upper
95	100		
97	56.2	46.5	86.3
132	89.8	62.0	115.2
130	96.6	66.3	123.1





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056416.D

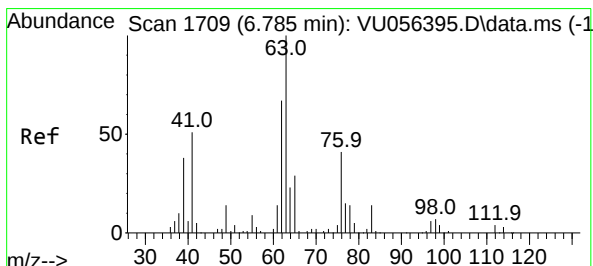
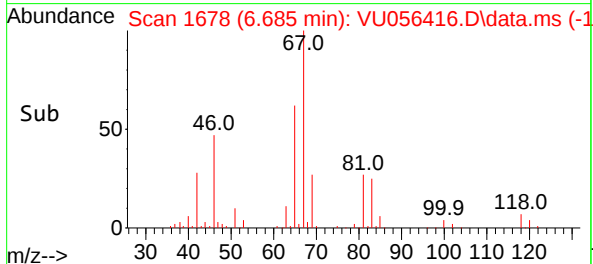
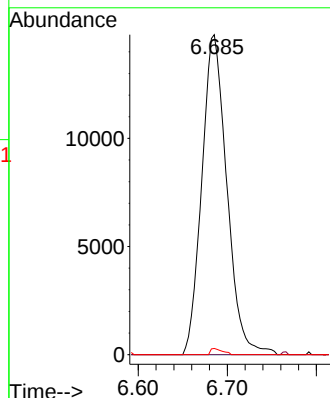
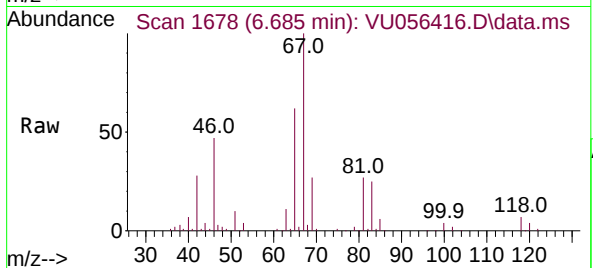
Acq: 16 Nov 2023 18:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 28914
Ion Ratio	Lower Upper
83 100	
55 0.2	62.9 94.3#
98 0.9	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.641 ug/L

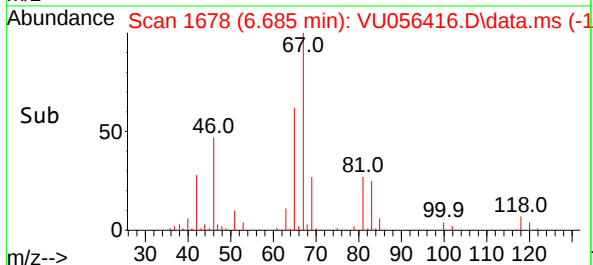
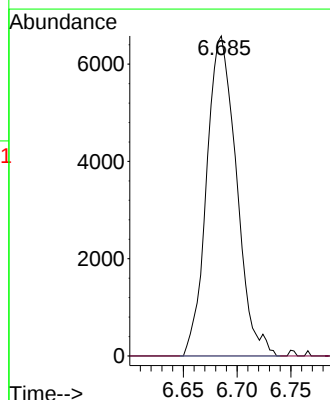
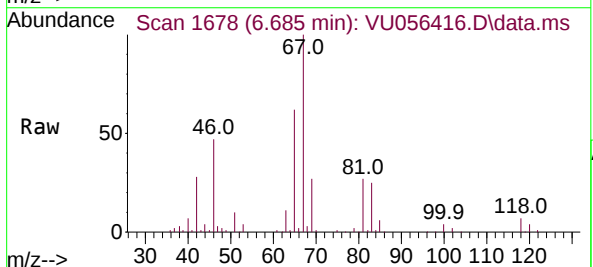
RT: 6.685 min Scan# 1678

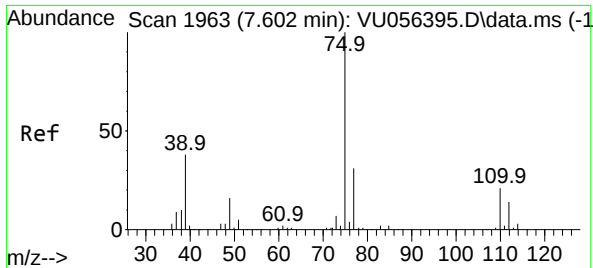
Delta R.T. -0.100 min

Lab File: VU056416.D

Acq: 16 Nov 2023 18:46

Tgt Ion: 63	Resp: 12694
Ion Ratio	Lower Upper
63 100	
112 0.8	3.2 4.8#

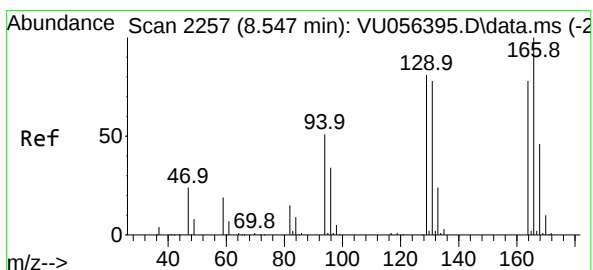
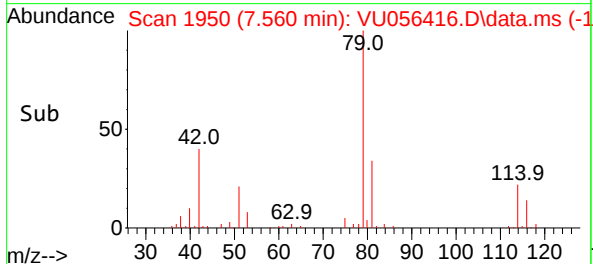
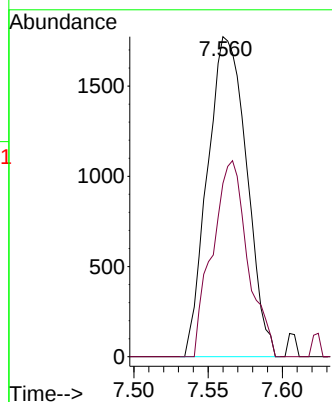
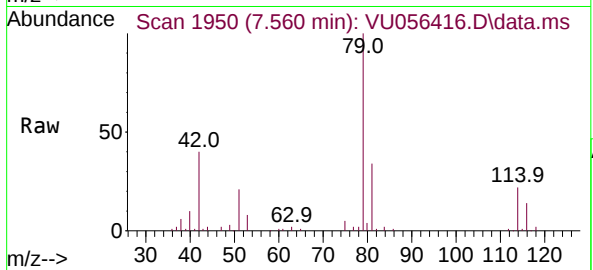




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.560 min Scan# 1963
 Delta R.T. -0.042 min
 Lab File: VU056416.D
 Acq: 16 Nov 2023 18:46

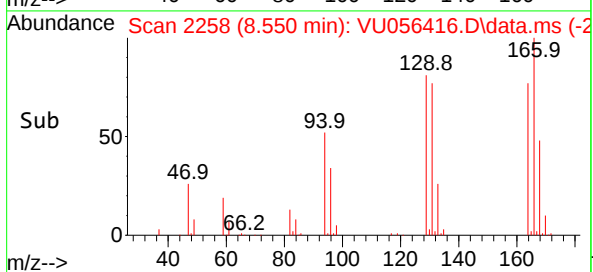
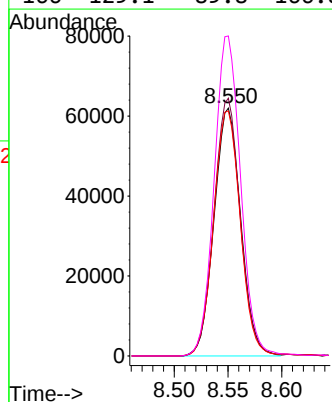
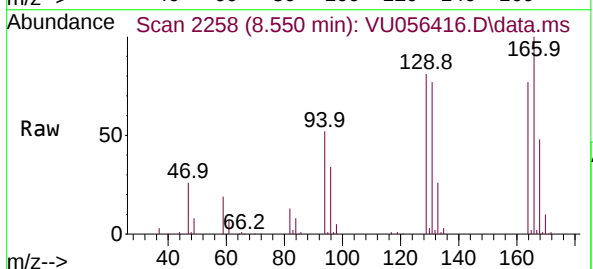
Instrument :
 MSVOA_U
 ClientSampleId :

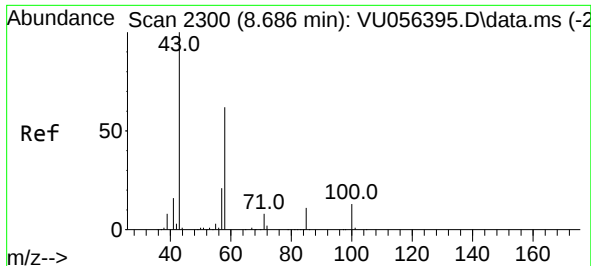
Tgt Ion: 75 Resp: 3251
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.5 39.9#



#47
 Tetrachloroethene
 Concen: 7.684 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.003 min
 Lab File: VU056416.D
 Acq: 16 Nov 2023 18:46

Tgt Ion:164 Resp: 107154
 Ion Ratio Lower Upper
 164 100
 129 104.1 71.0 131.9
 131 98.9 70.3 130.7
 166 129.1 89.8 166.8

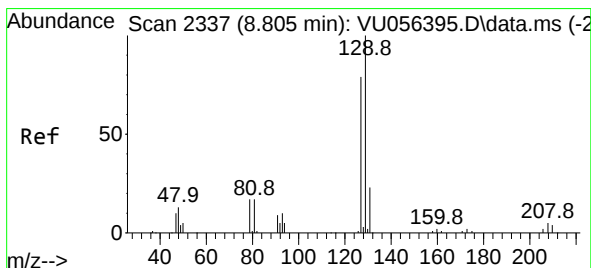
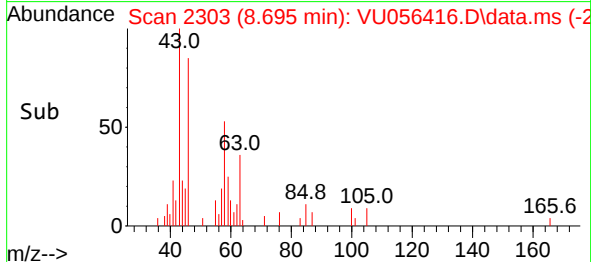
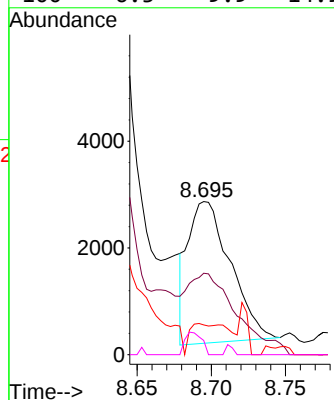
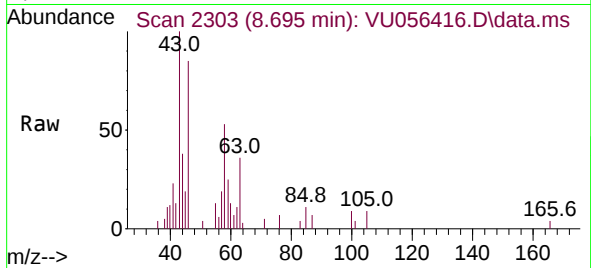




#48
2-Hexanone
Concen: 0.689 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056416.D
Acq: 16 Nov 2023 18:46

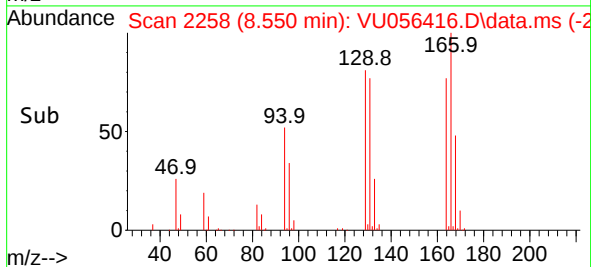
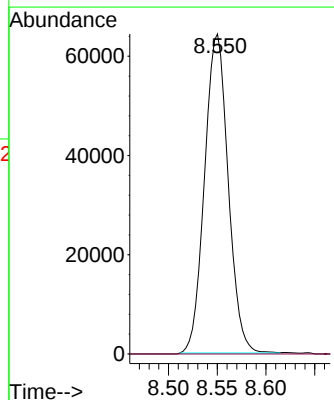
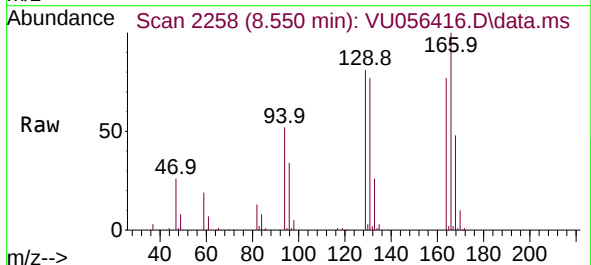
Instrument :
MSVOA_U
ClientSampleId :

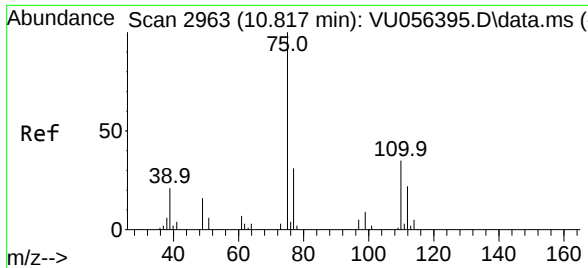
Tgt Ion: 43 Resp: 5265
Ion Ratio Lower Upper
43 100
58 67.8 48.7 73.1
57 10.0 16.8 25.2#
100 6.3 9.9 14.9#



#49
Dibromochloromethane
Concen: 7.235 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056416.D
Acq: 16 Nov 2023 18:46

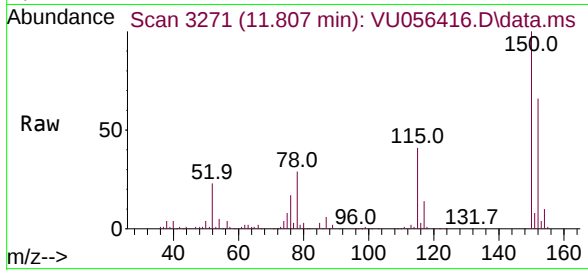
Tgt Ion:129 Resp: 108466
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.452 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056416.D
 Acq: 16 Nov 2023 18:46

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	14379
Ion	Ratio	Lower	Upper
75	100		
110	1.8	30.4	45.6#
77	36.1	27.0	40.6

