

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056385.D
 Acq On : 16 Nov 2023 04:10
 Operator : MD/SY
 Sample : 05411-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 06:16:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 05:41:06 2023
 Response via : Initial Calibration

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

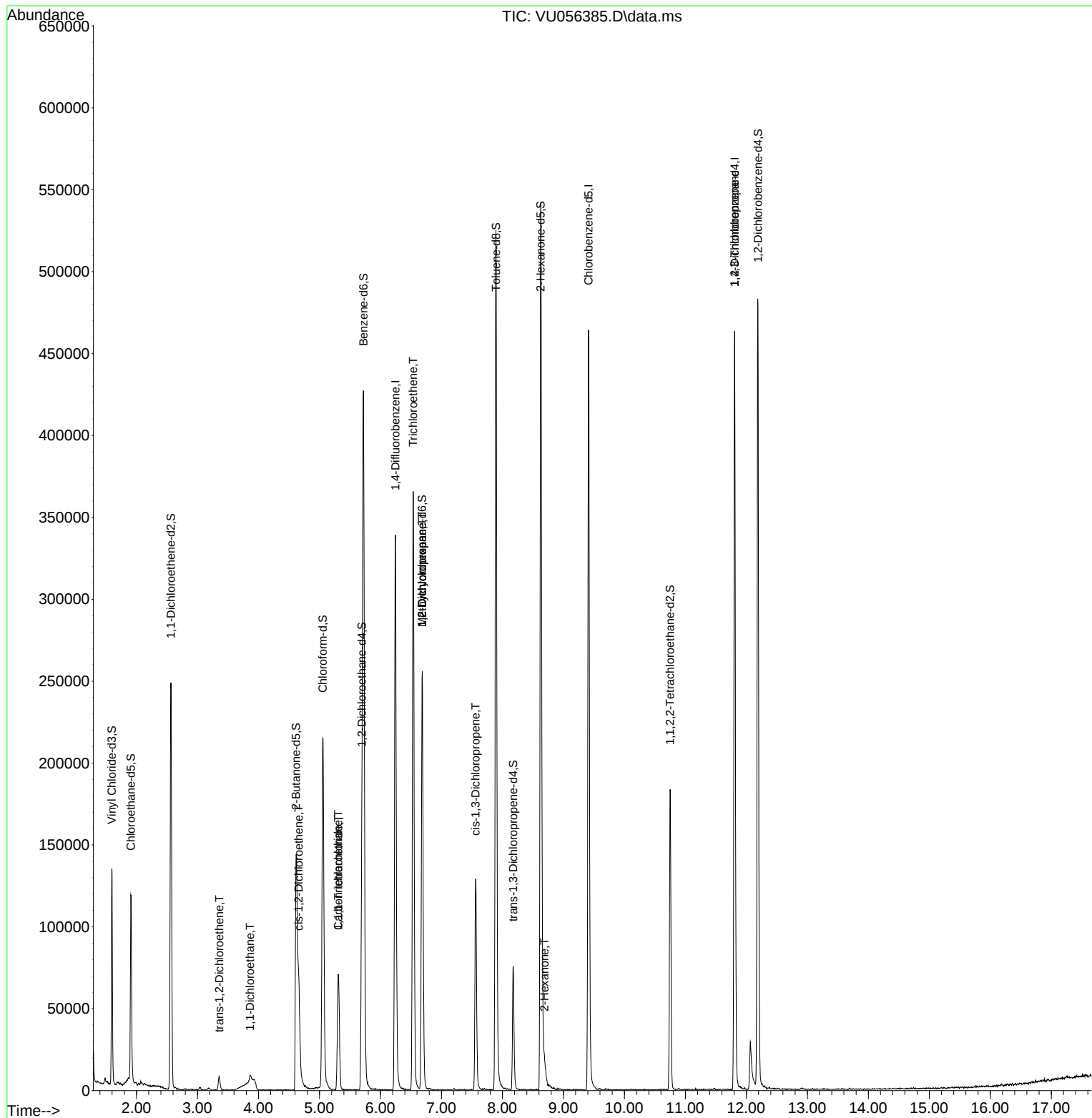
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	273079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	268352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92969	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	83402	5.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.563	65	48177	5.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.800%
20) 2-Butanone-d5	4.618	46	234031	57.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.055	84	206312	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.695	65	107062	5.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.721	84	409079	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	124291	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.894	98	360125	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.177	79	44819	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	187544	51.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93791	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	127777	5.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.358	96	2836	0.165	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5208	0.153	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	22474	1.152	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	54114	1.757	ug/L	97
31) Carbon tetrachloride	5.309	117	6742	0.255	ug/L	98
34) Trichloroethene	6.537	95	133679	6.408	ug/L	98
35) Methylcyclohexane	6.685	83	30045	0.998	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13437	0.673	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	3614	0.123	ug/L #	76
48) 2-Hexanone	8.688	43	6705	0.870	ug/L #	97
61) 1,2,3-Trichloropropane	11.807	75	16414	1.555	ug/L #	68

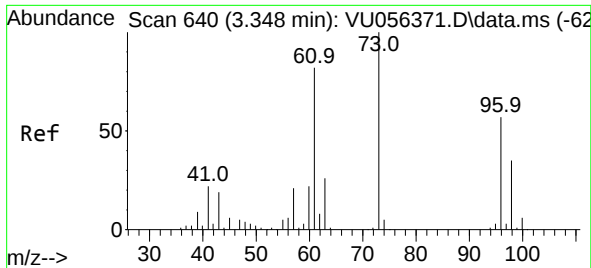
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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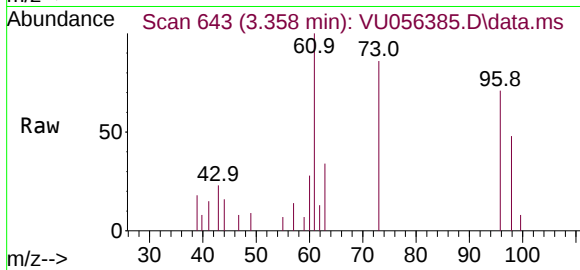
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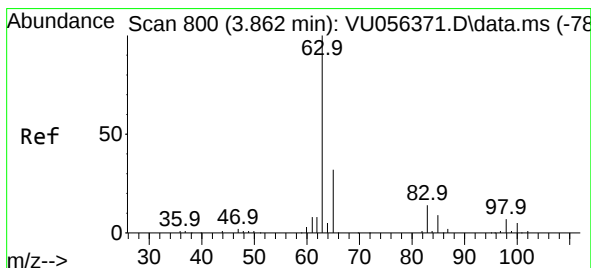
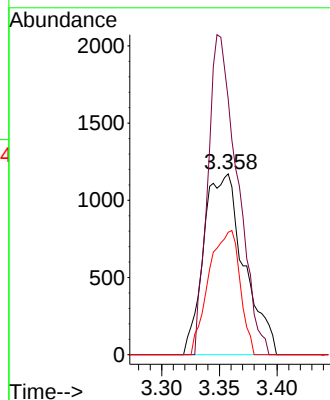
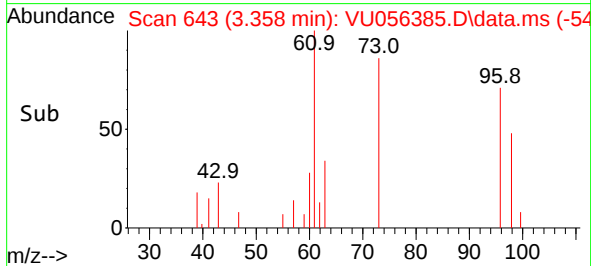
#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 3.358 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2836

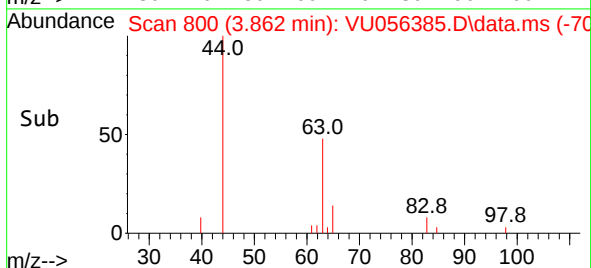
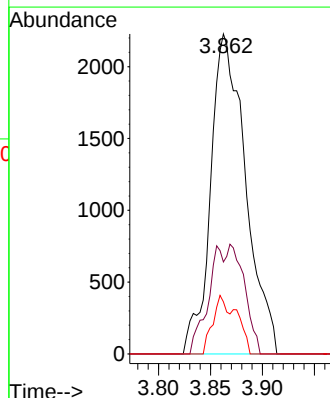
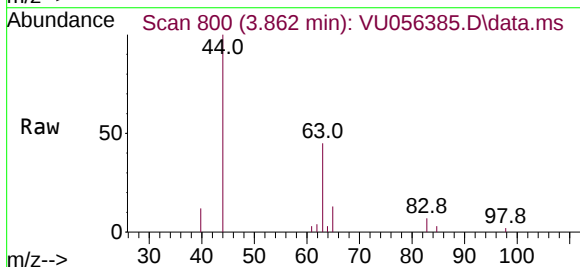
Ion	Ratio	Lower	Upper
96	100		
61	141.4	101.7	188.9
98	67.7	43.0	80.0

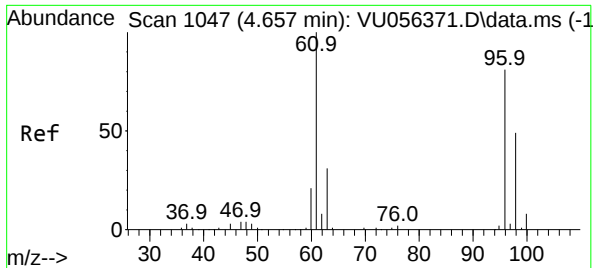


#19
1,1-Dichloroethane
Concen: 0.153 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

Tgt Ion: 63 Resp: 5208

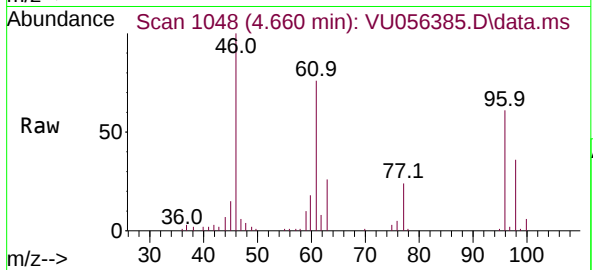
Ion	Ratio	Lower	Upper
63	100		
65	28.8	21.8	40.6
83	16.3	9.7	17.9



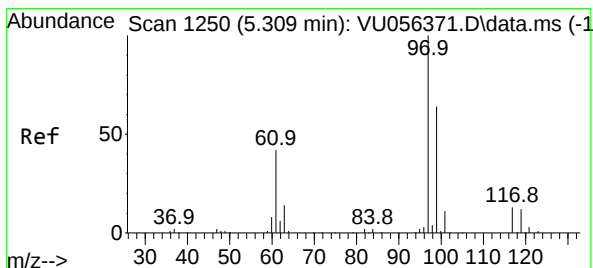
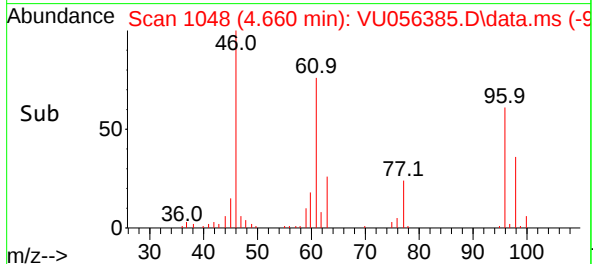
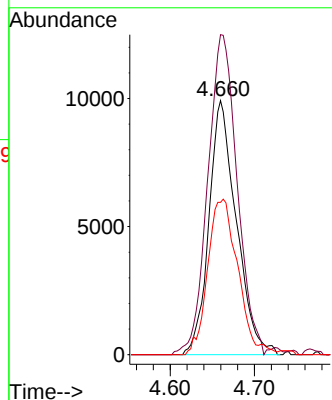


#22
 cis-1,2-Dichloroethene
 Concen: 1.152 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056385.D
 Acq: 16 Nov 2023 04:10

Instrument :
 MSVOA_U
 ClientSampleId :

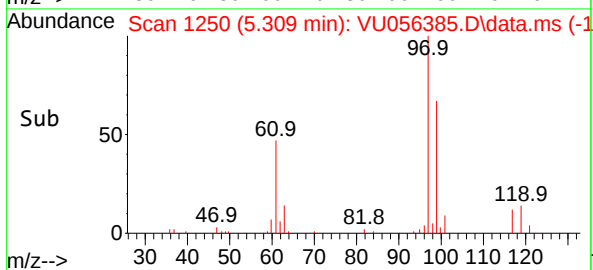
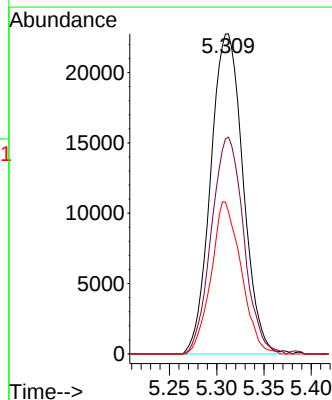
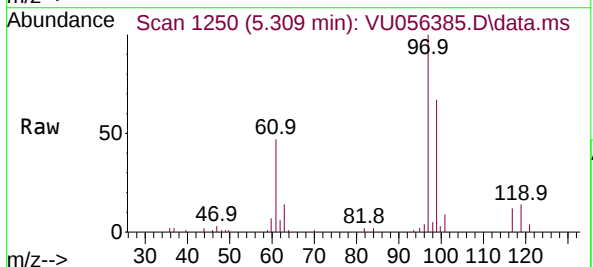


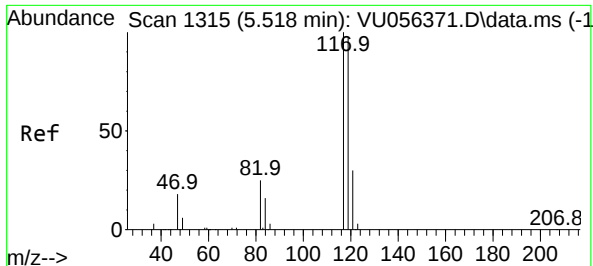
Tgt Ion: 96 Resp: 22474
 Ion Ratio Lower Upper
 96 100
 61 126.0 93.2 173.2
 98 59.9 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 1.757 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU056385.D
 Acq: 16 Nov 2023 04:10

Tgt Ion: 97 Resp: 54114
 Ion Ratio Lower Upper
 97 100
 99 67.8 51.6 77.4
 61 44.0 34.3 51.5

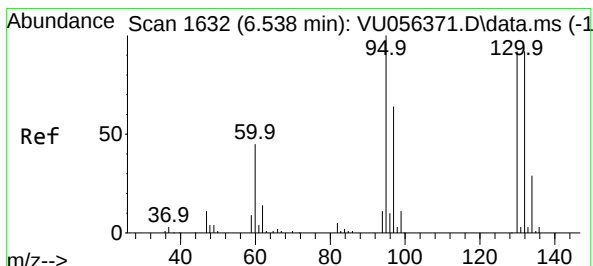
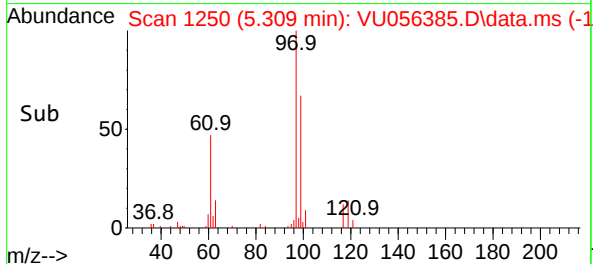
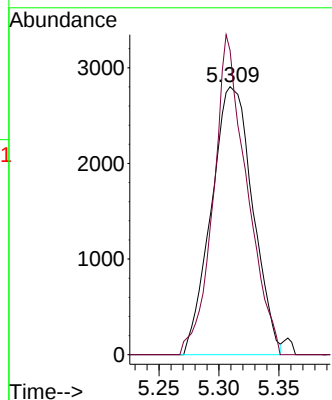
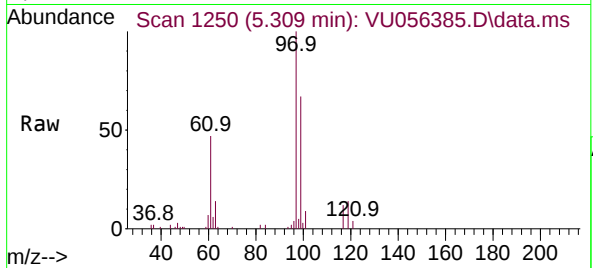




#31
Carbon tetrachloride
Concen: 0.255 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

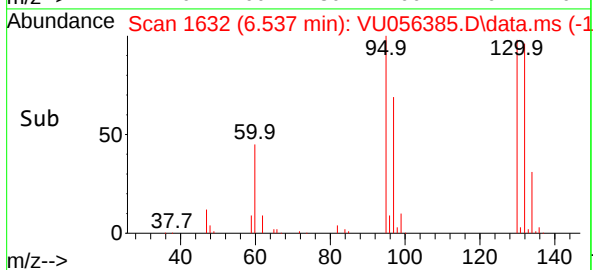
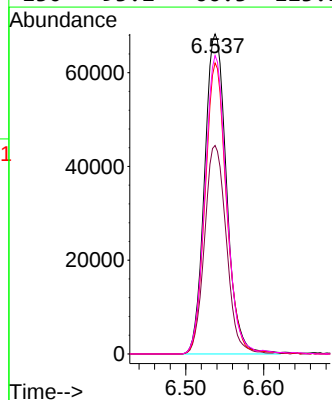
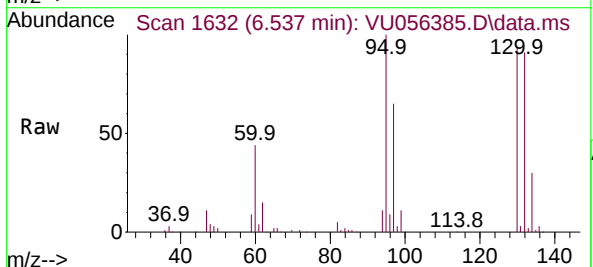
Instrument :
MSVOA_U
ClientSampleId :

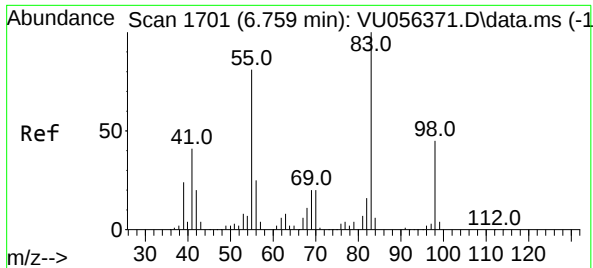
Tgt Ion:117 Resp: 6742
Ion Ratio Lower Upper
117 100
119 95.9 78.1 117.1



#34
Trichloroethene
Concen: 6.408 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

Tgt Ion: 95 Resp: 133679
Ion Ratio Lower Upper
95 100
97 65.2 46.5 86.3
132 90.9 62.0 115.2
130 93.2 66.3 123.1

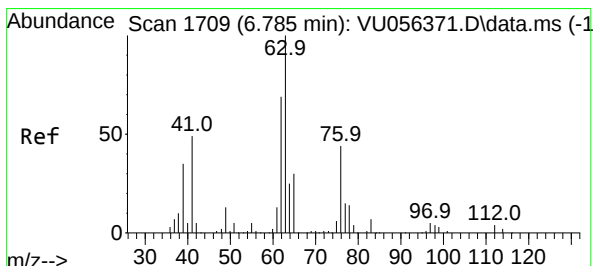
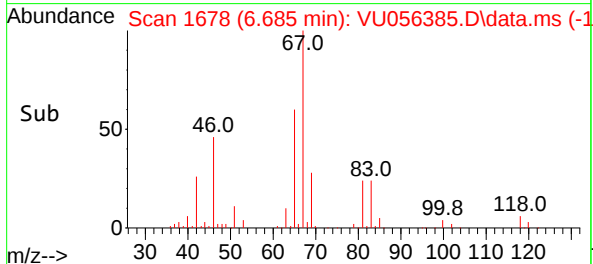
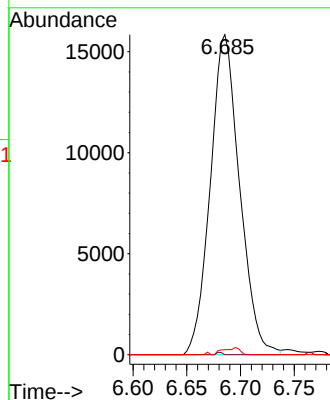
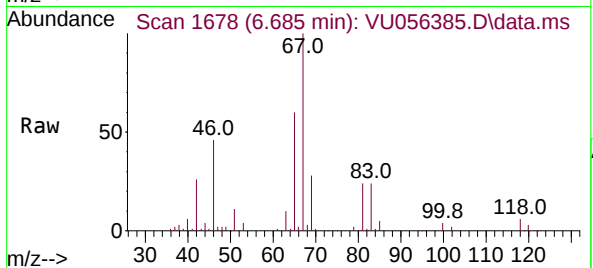




#35
Methylcyclohexane
Concen: 0.998 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

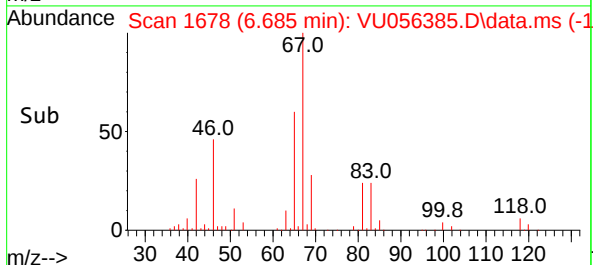
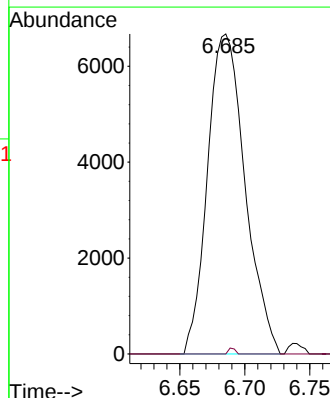
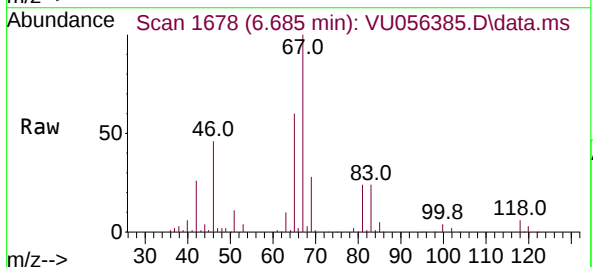
Instrument :
MSVOA_U
ClientSampleId :

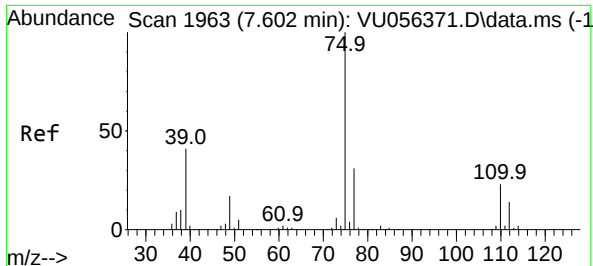
Tgt Ion: 83 Resp: 30045
Ion Ratio Lower Upper
83 100
55 0.1 62.9 94.3#
98 1.3 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056385.D
Acq: 16 Nov 2023 04:10

Tgt Ion: 63 Resp: 13437
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU056385.D

Acq: 16 Nov 2023 04:10

Instrument :

MSVOA_U

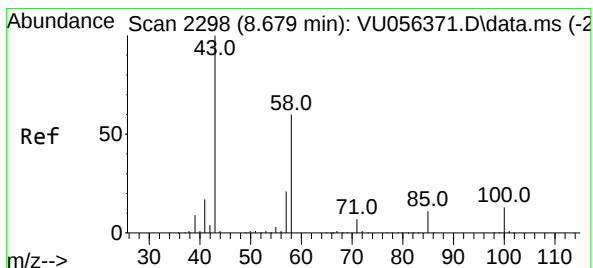
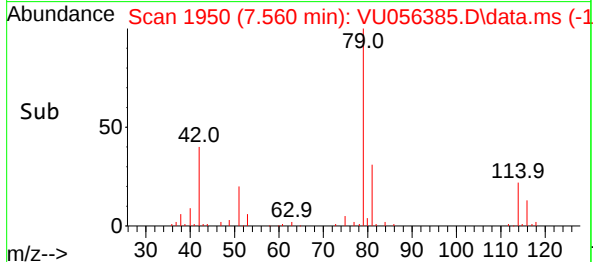
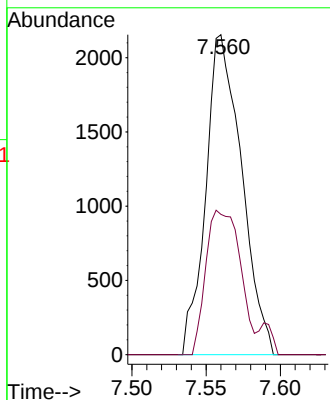
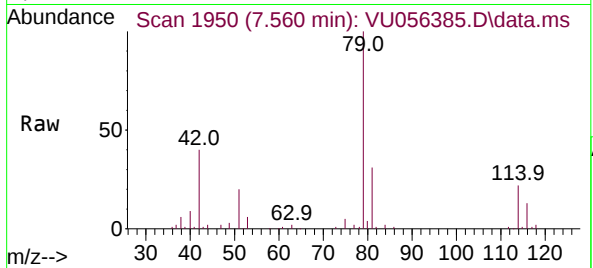
ClientSampleId :

Tgt Ion: 75 Resp: 3614

Ion Ratio Lower Upper

75 100

77 43.9 21.5 39.9#



#48

2-Hexanone

Concen: 0.870 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU056385.D

Acq: 16 Nov 2023 04:10

Tgt Ion: 43 Resp: 6705

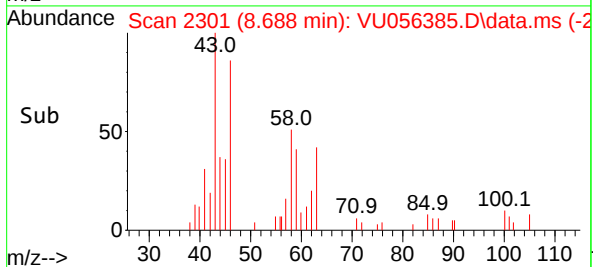
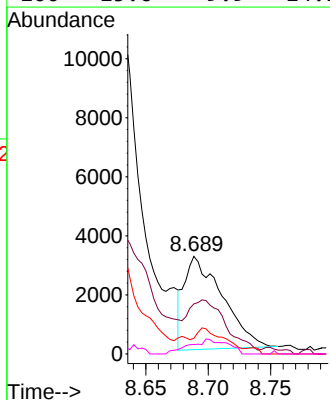
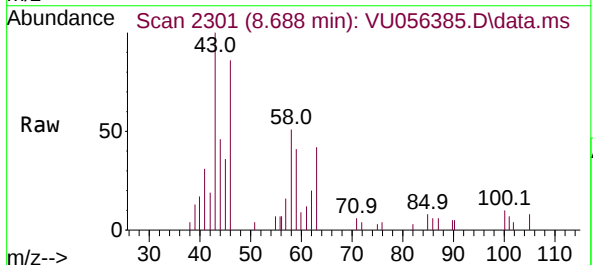
Ion Ratio Lower Upper

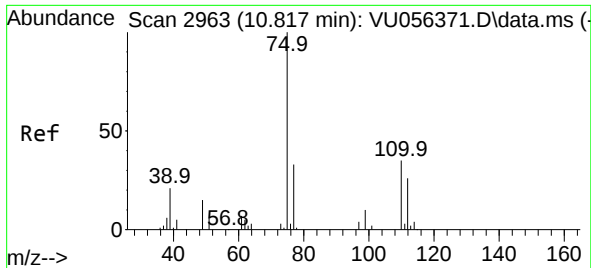
43 100

58 58.3 48.7 73.1

57 21.2 16.8 25.2

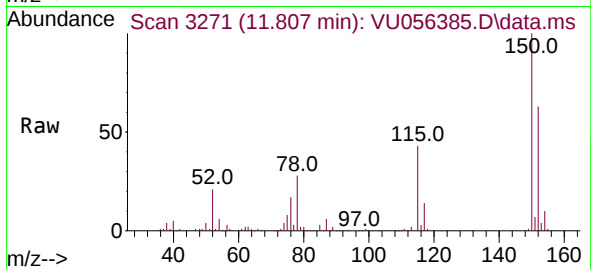
100 15.6 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.555 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056385.D
 Acq: 16 Nov 2023 04:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16414
 Ion Ratio Lower Upper
 75 100
 110 3.5 30.4 45.6#
 77 32.0 27.0 40.6

