

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052371.D
 Acq On : 13 Dec 2022 12:52
 Operator : JC/MD
 Sample : N6030-02 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL31DL

Quant Time: Dec 14 03:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

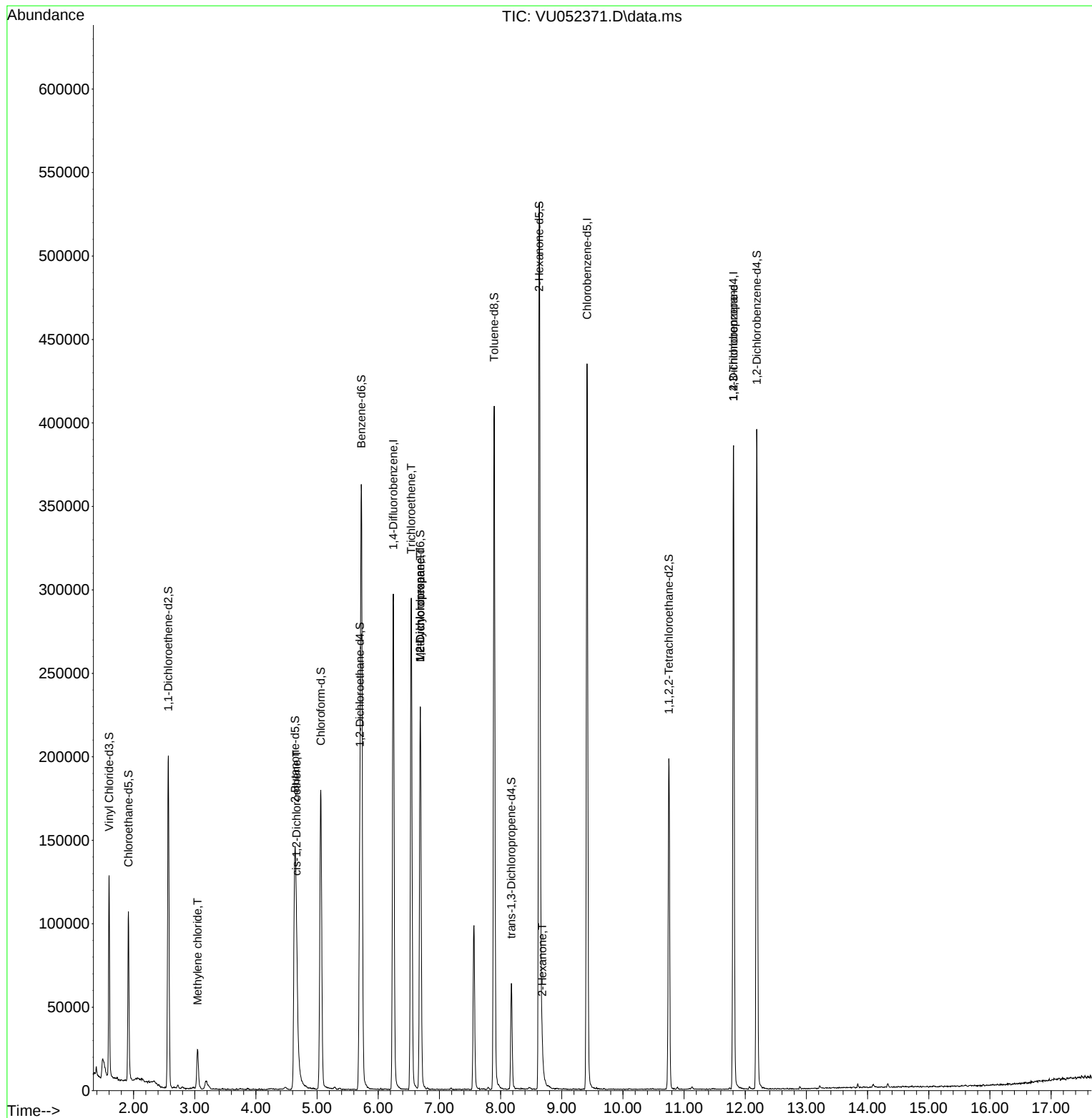
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	252199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	255490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	89075	3.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.916	69	79406	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.568	65	37307	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.639	46	259179	58.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.580%
24) Chloroform-d	5.060	84	171151	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.700	65	89417	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.726	84	356669	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.687	67	117207	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.896	98	289658	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.176	79	37613	4.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.632	63	189818	52.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102604	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	109956	5.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	12122	0.490	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	11857	0.576	ug/L	83
34) Trichloroethene	6.539	95	106407	5.131	ug/L	98
35) Methylcyclohexane	6.687	83	26417	0.885	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11529	0.536	ug/L #	88
48) 2-Hexanone	8.684	43	6588	0.799	ug/L #	37
61) 1,2,3-Trichloropropane	11.809	75	12470	0.983	ug/L #	69

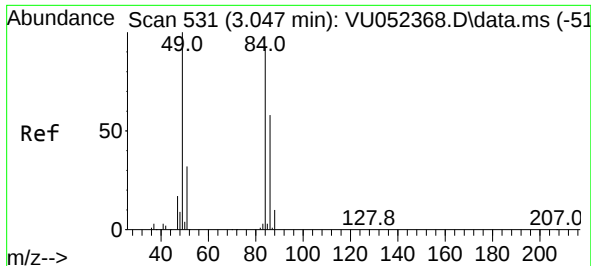
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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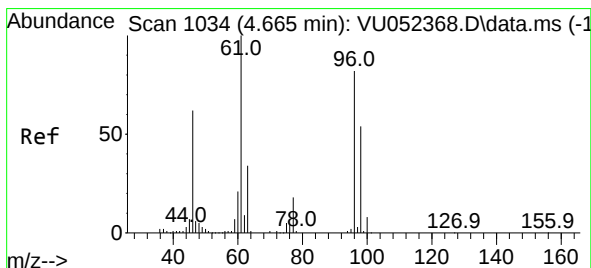
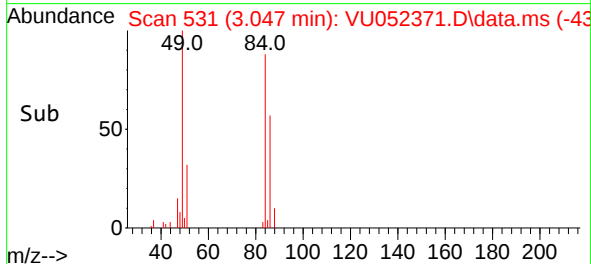
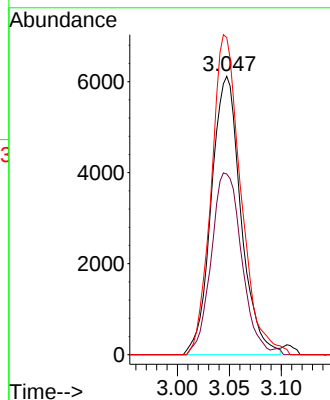
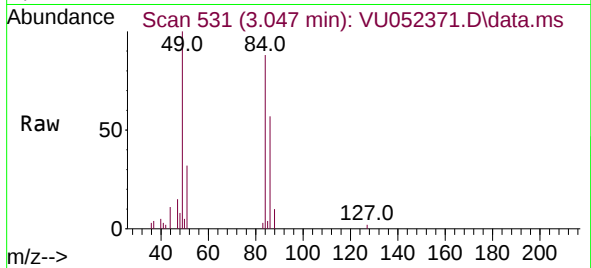




#16
Methylene chloride
Concen: 0.490 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052371.D
Acq: 13 Dec 2022 12:52

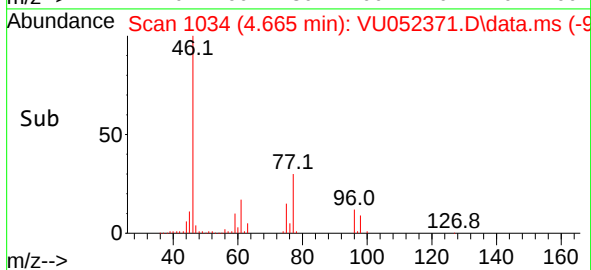
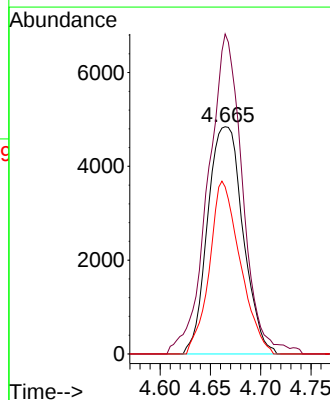
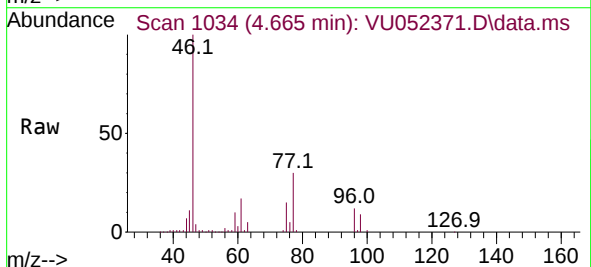
Instrument :
MSVOA_U
ClientSampleId :
COL31DL

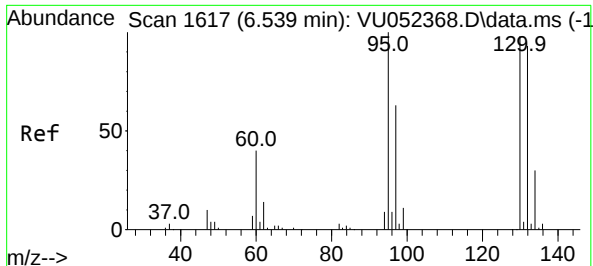
Tgt Ion: 84 Resp: 12122
Ion Ratio Lower Upper
84 100
86 64.9 43.8 81.4
49 113.9 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.576 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052371.D
Acq: 13 Dec 2022 12:52

Tgt Ion: 96 Resp: 11857
Ion Ratio Lower Upper
96 100
61 140.9 85.1 158.1
98 73.6 42.8 79.6

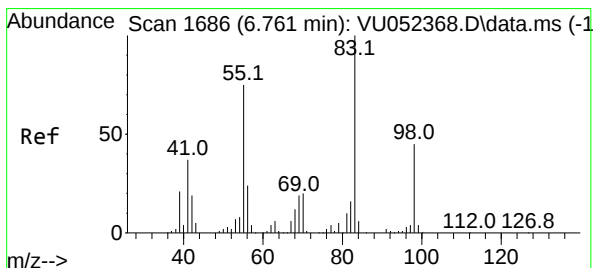
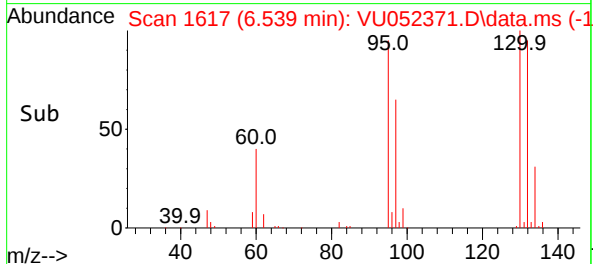
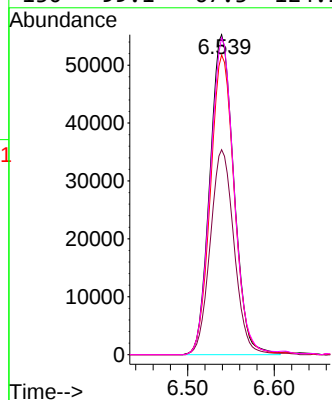
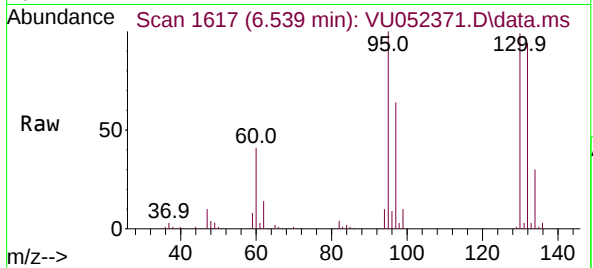




#34
Trichloroethene
Concen: 5.131 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052371.D
Acq: 13 Dec 2022 12:52

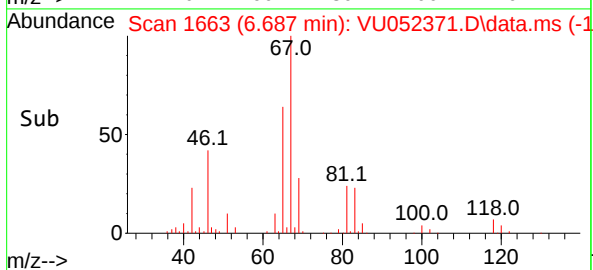
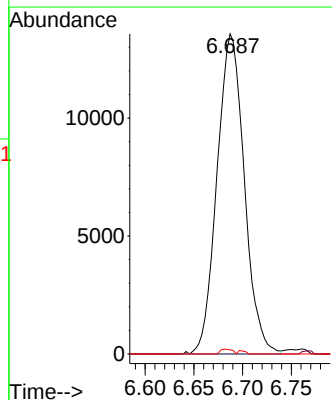
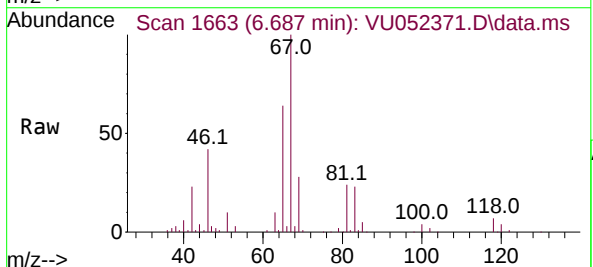
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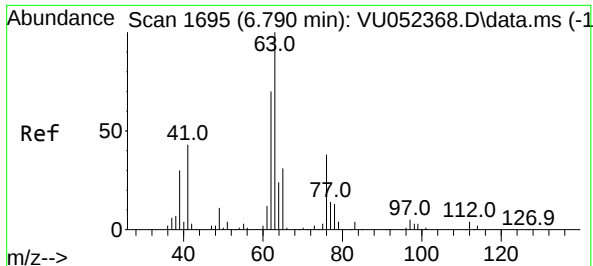
Tgt Ion: 95 Resp: 106407
Ion Ratio Lower Upper
95 100
97 64.1 43.7 81.1
132 93.6 64.3 119.3
130 99.1 67.3 124.9



#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052371.D
Acq: 13 Dec 2022 12:52

Tgt Ion: 83 Resp: 26417
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 0.6 35.1 52.7#

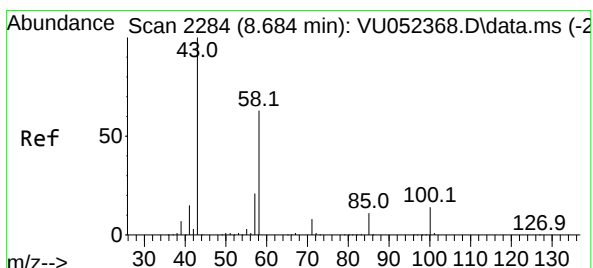
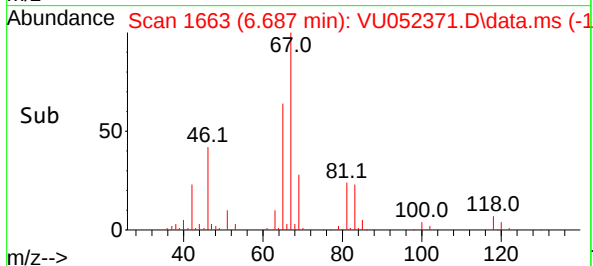
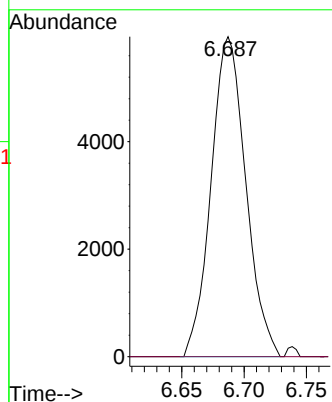
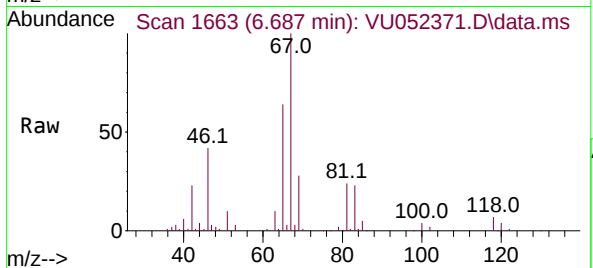




#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052371.D
Acq: 13 Dec 2022 12:52

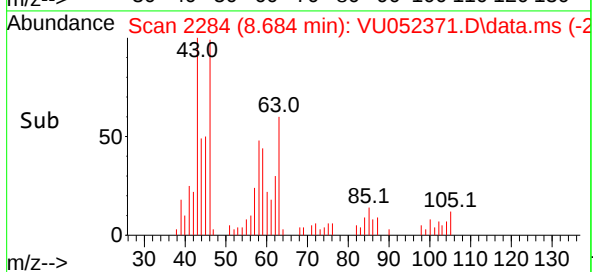
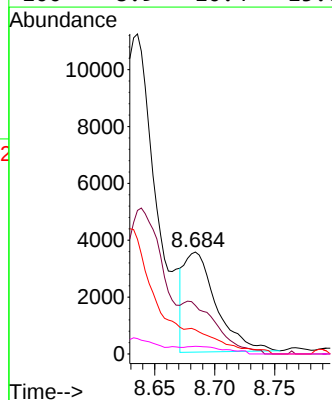
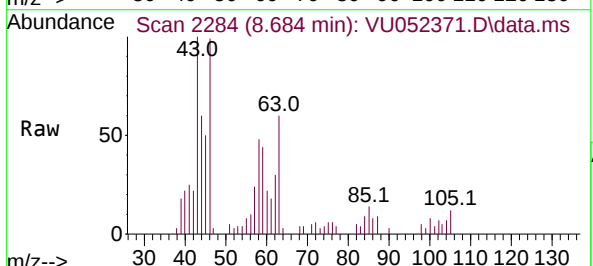
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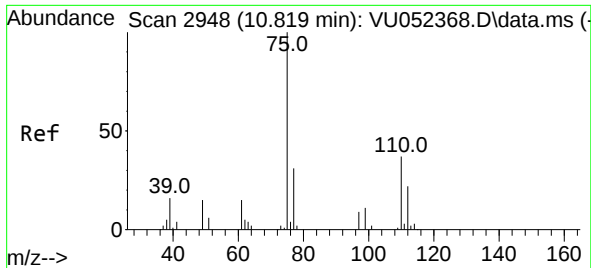
Tgt Ion: 63 Resp: 11529
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.799 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU052371.D
Acq: 13 Dec 2022 12:52

Tgt Ion: 43 Resp: 6588
Ion Ratio Lower Upper
43 100
58 0.0 49.4 74.0#
57 0.0 16.3 24.5#
100 8.9 10.4 15.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.983 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052371.D
 Acq: 13 Dec 2022 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 COL31DL

Tgt Ion: 75 Resp: 12470
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.3 42.5#
 77 31.1 26.2 39.2

