

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052385.D
 Acq On : 13 Dec 2022 18:19
 Operator : JC/MD
 Sample : N6030-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL30

Quant Time: Dec 14 03:21:53 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)

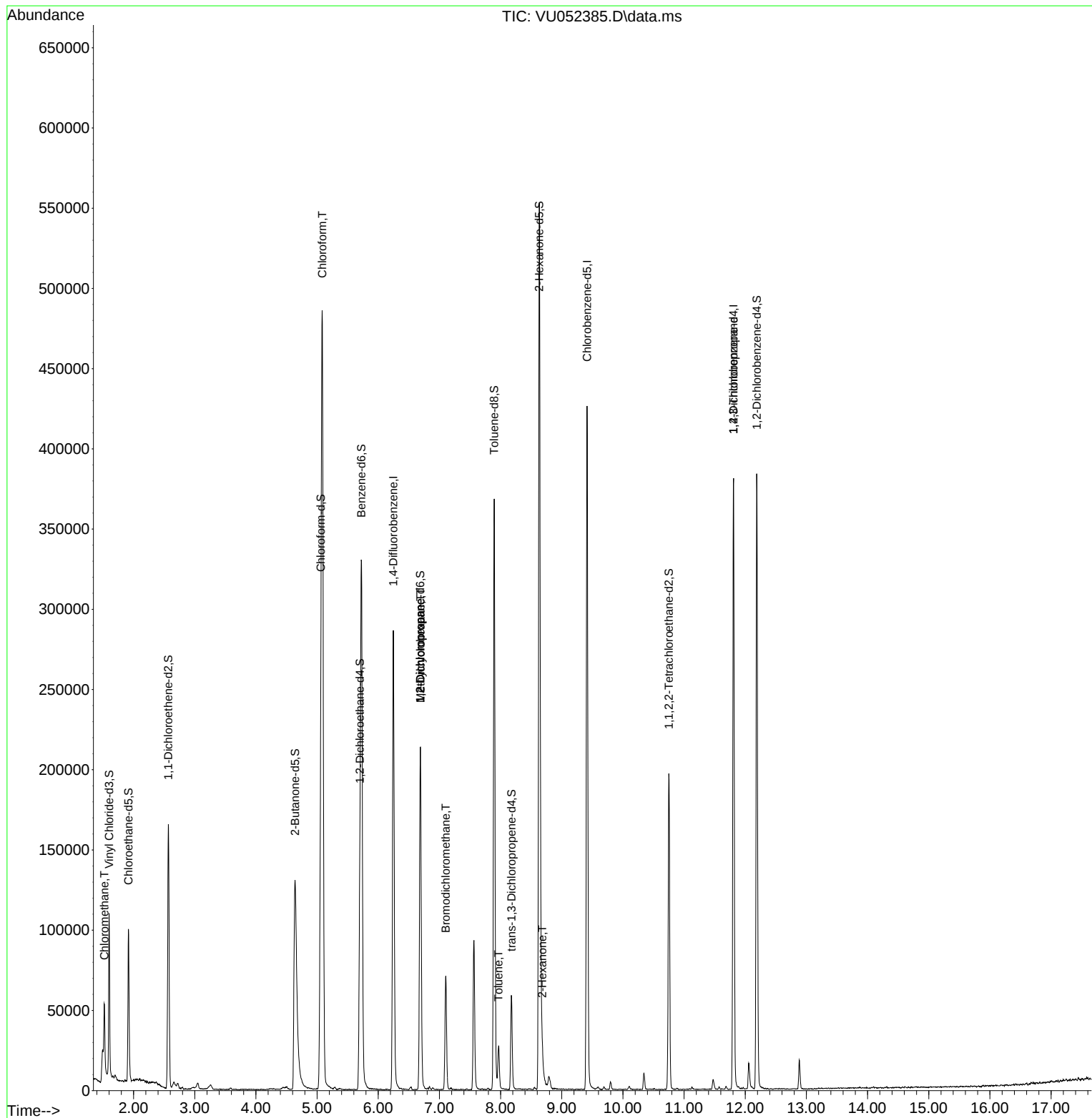
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73891	3.186	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.916	69	73359	4.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	31029	3.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.639	46	262814	62.511	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.020%
24) Chloroform-d	5.063	84	178199	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.700	65	86141	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.726	84	324180	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.687	67	110458	4.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.896	98	256305	3.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.179	79	35831	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.632	63	192371	54.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103585	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	108250	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	28155	1.043	ug/L	98
25) Chloroform	5.086	83	404917	11.957	ug/L	95
35) Methylcyclohexane	6.690	83	25211	0.871	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10294	0.493	ug/L #	88
38) Bromodichloromethane	7.102	83	47222	1.855	ug/L	99
42) Toluene	7.967	91	20143	0.243	ug/L	97
48) 2-Hexanone	8.684	43	5086	0.636	ug/L #	81
61) 1,2,3-Trichloropropane	11.809	75	12790	1.022	ug/L #	70

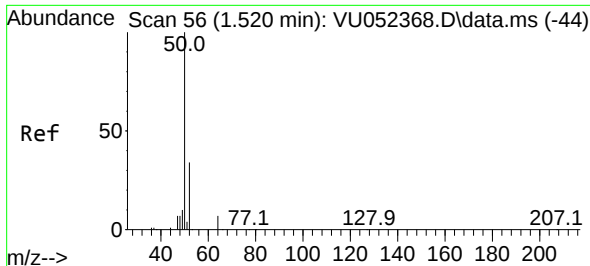
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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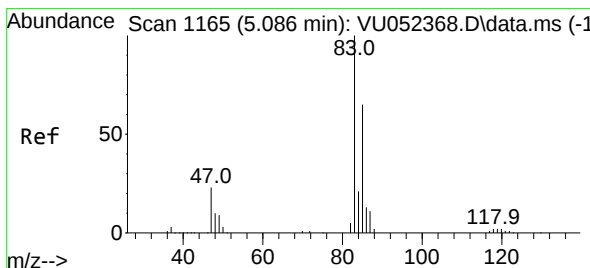
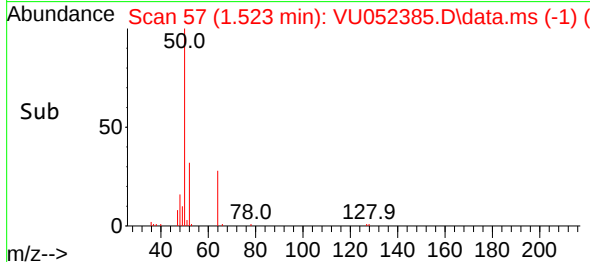
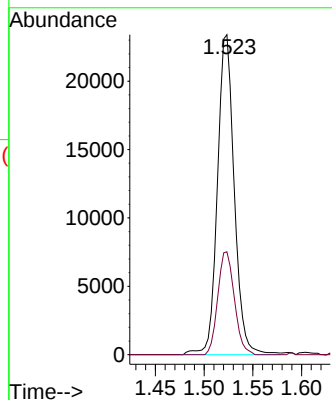
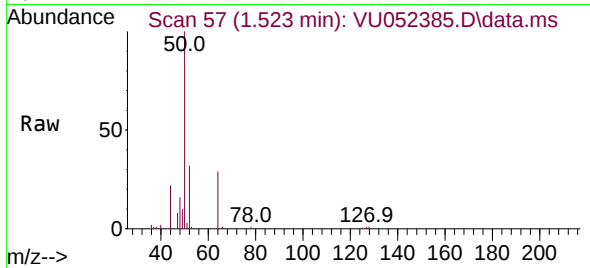




#3
Chloromethane
Concen: 1.043 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

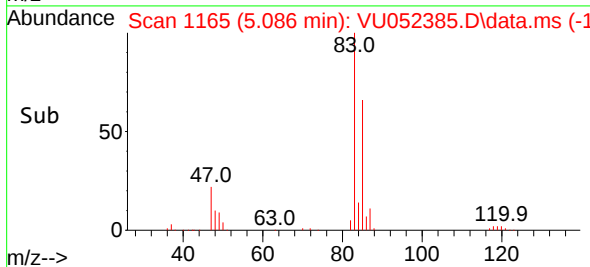
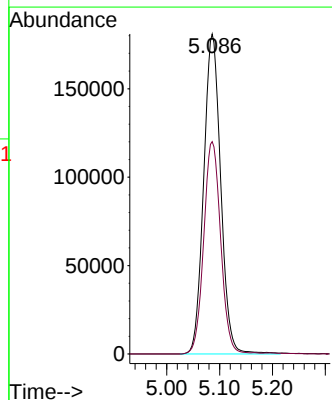
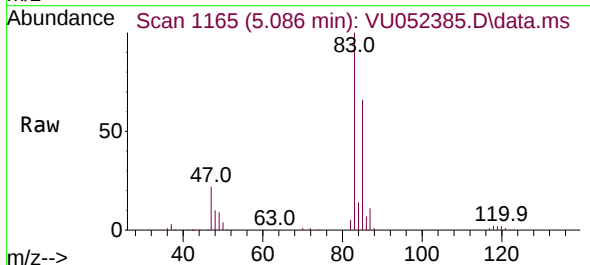
Instrument :
MSVOA_U
ClientSampleId :
COL30

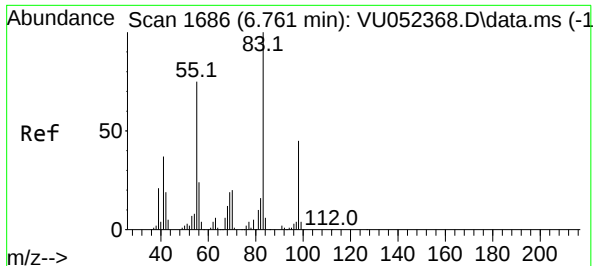
Tgt Ion: 50 Resp: 28155
Ion Ratio Lower Upper
50 100
52 32.1 23.4 43.4



#25
Chloroform
Concen: 11.957 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

Tgt Ion: 83 Resp: 404917
Ion Ratio Lower Upper
83 100
85 66.4 43.8 81.4

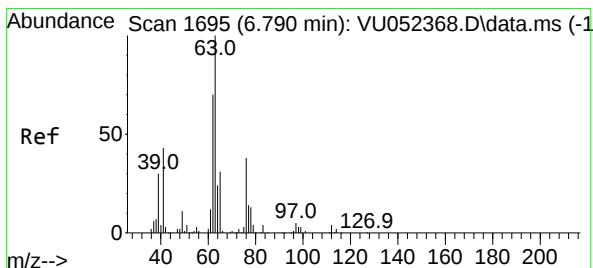
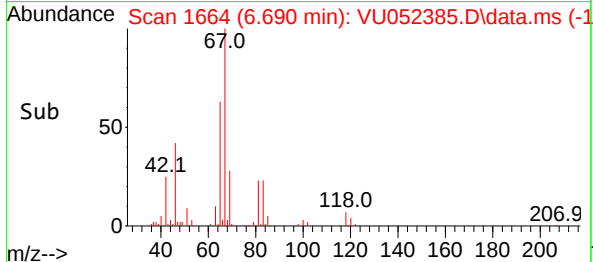
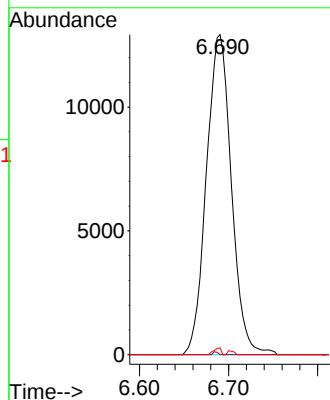
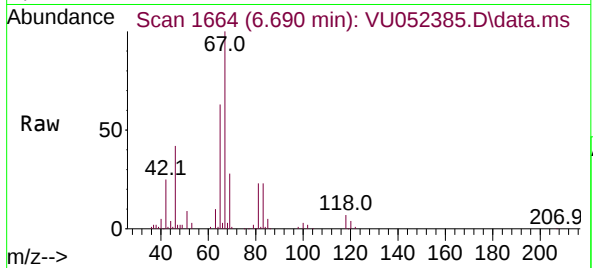




#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

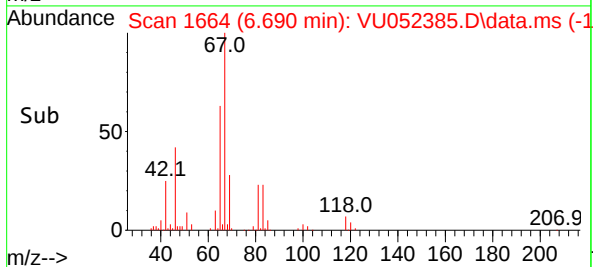
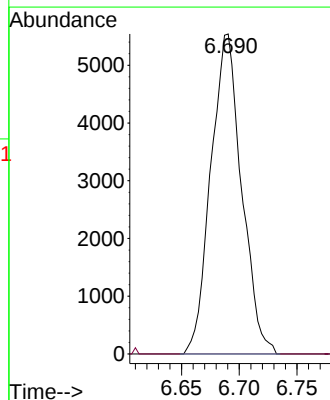
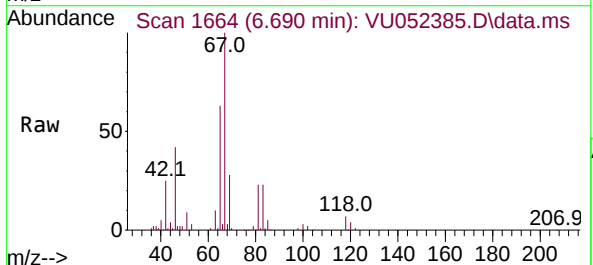
Instrument :
MSVOA_U
ClientSampleId :
COL30

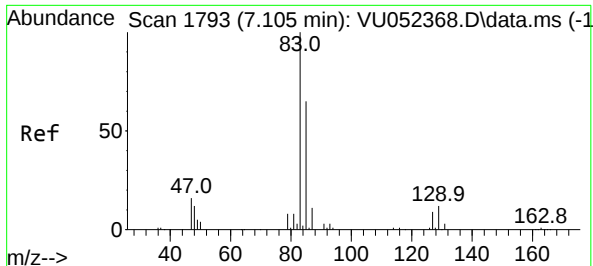
Tgt Ion: 83 Resp: 25211
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 0.6 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

Tgt Ion: 63 Resp: 10294
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#

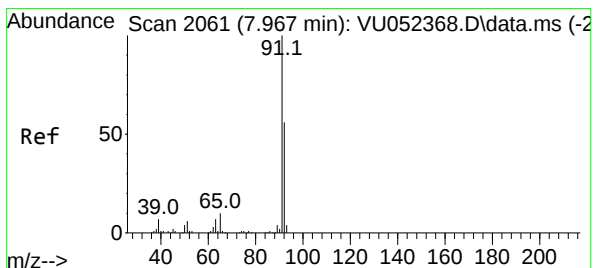
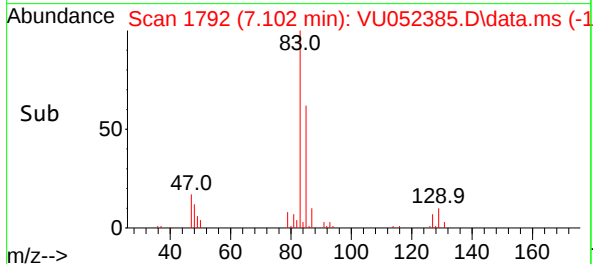
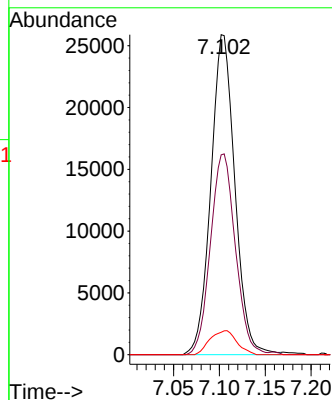
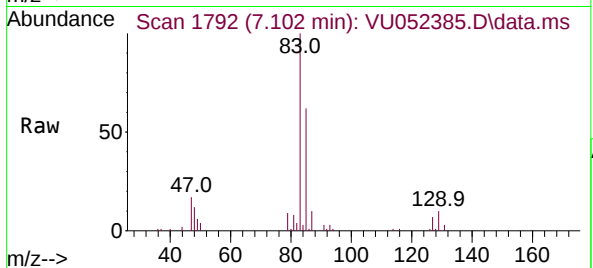




#38
Bromodichloromethane
Concen: 1.855 ug/L
RT: 7.102 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

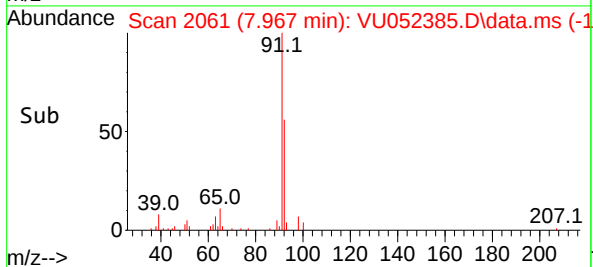
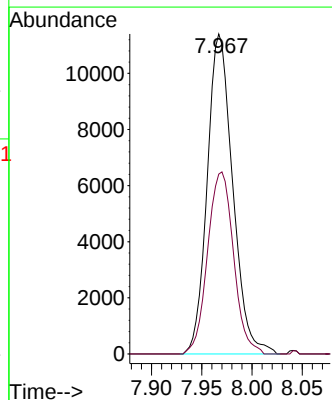
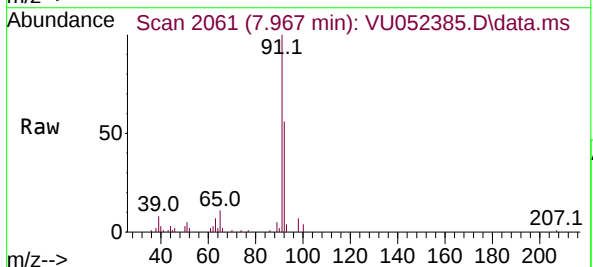
Instrument :
MSVOA_U
ClientSampleId :
COL30

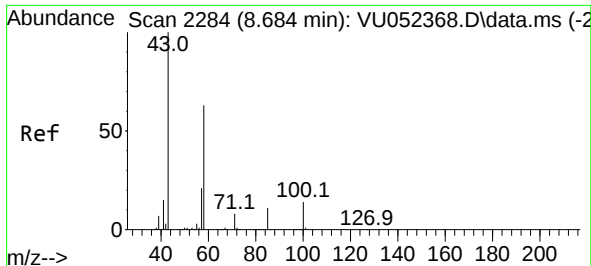
Tgt Ion: 83 Resp: 47222
Ion Ratio Lower Upper
83 100
85 62.5 43.5 80.9
127 7.0 6.8 10.2



#42
Toluene
Concen: 0.243 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

Tgt Ion: 91 Resp: 20143
Ion Ratio Lower Upper
91 100
92 56.2 40.7 75.5

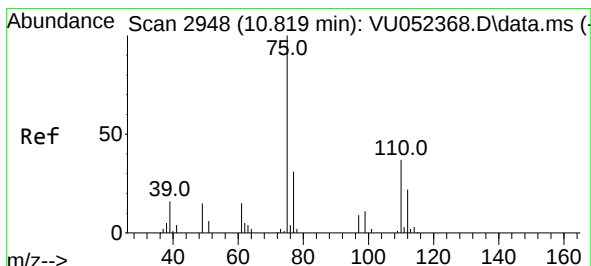
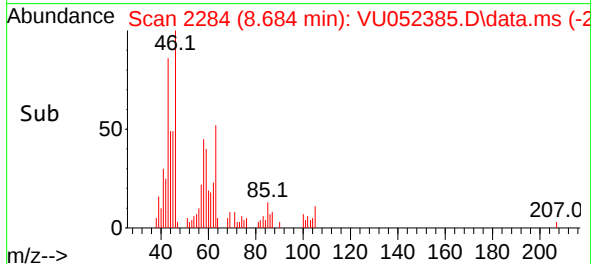
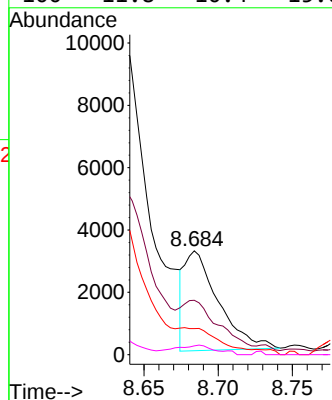
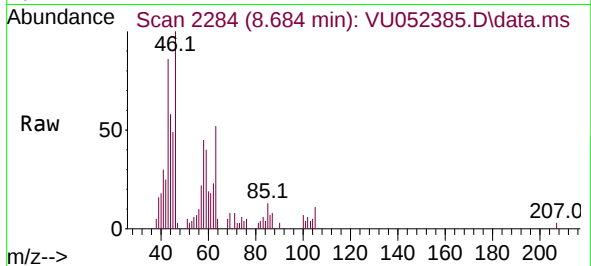




#48
2-Hexanone
Concen: 0.636 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

Instrument :
MSVOA_U
ClientSampleId :
COL30

Tgt Ion: 43	Resp:	5086
Ion Ratio	Lower	Upper
43	100	
58	51.1	49.4 74.0
57	0.0	16.3 24.5#
100	11.8	10.4 15.6



#61
1,2,3-Trichloropropane
Concen: 1.022 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052385.D
Acq: 13 Dec 2022 18:19

Tgt Ion: 75	Resp:	12790
Ion Ratio	Lower	Upper
75	100	
110	1.6	28.3 42.5#
77	32.6	26.2 39.2

