

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056513.D
 Acq On : 19 Nov 2023 05:21
 Operator : MD/SY
 Sample : 05455-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 05:40:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

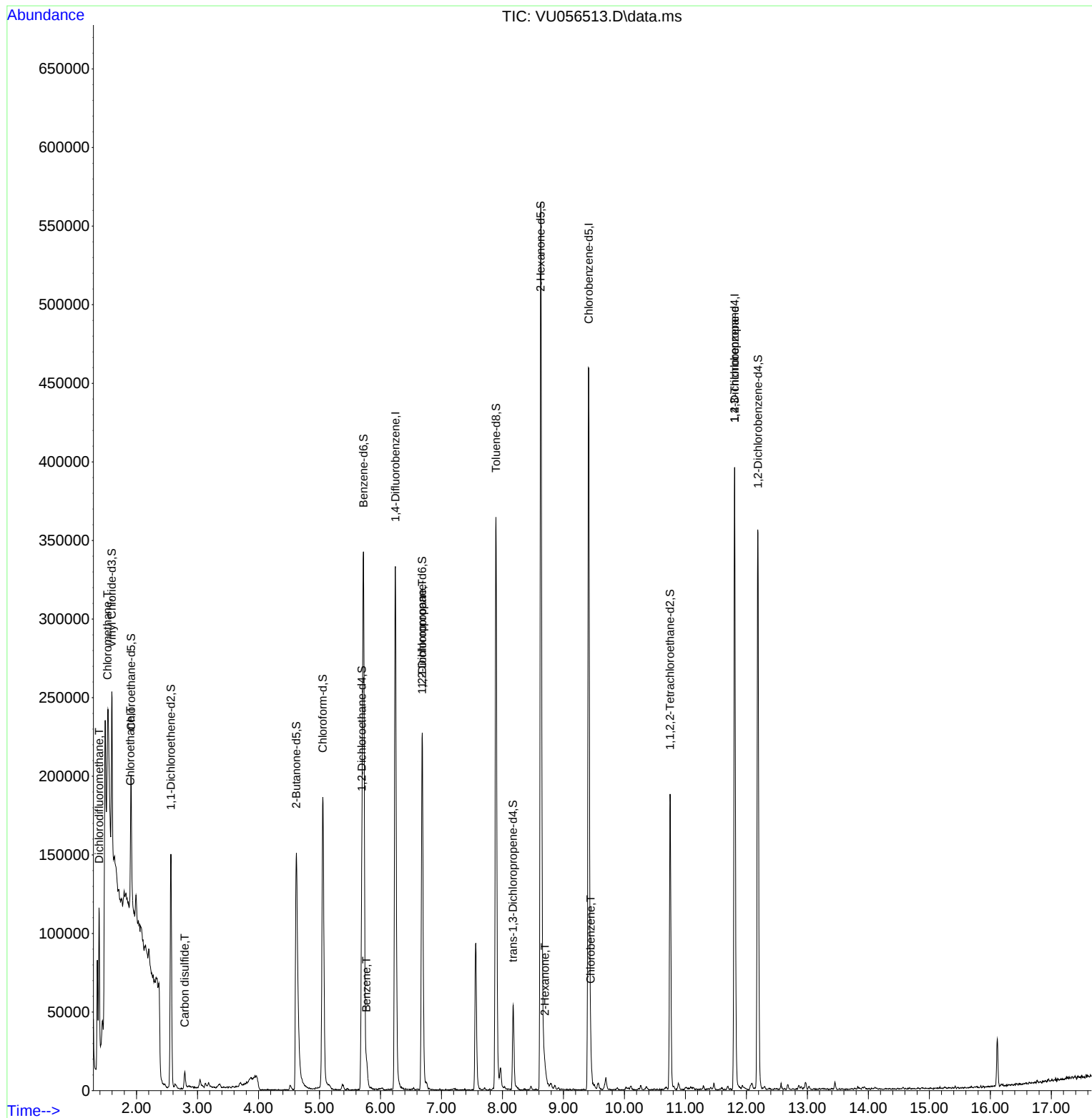
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59798	2.894	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.911	69	58314	3.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.563	65	28193	3.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	4.621	46	249738	60.605	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.220%
24) Chloroform-d	5.055	84	178435	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	95880	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	329015	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.685	67	110629	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	252883	3.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.174	79	33548	3.678	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.627	63	196422	54.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92944	5.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	95064	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.386	85	2558	0.117	ug/L	99
3) Chloromethane	1.525	50	6652	0.297	ug/L #	40
8) Chloroethane	1.901	64	4004	0.304	ug/L #	49
14) Carbon disulfide	2.792	76	14353	0.261	ug/L	98
33) Benzene	5.769	78	12499	0.165	ug/L	100
37) 1,2-Dichloropropane	6.682	63	11610	0.589	ug/L #	88
48) 2-Hexanone	8.695	43	6477	0.851	ug/L #	85
51) Chlorobenzene	9.447	112	10803	0.215	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	13236	1.498	ug/L #	68

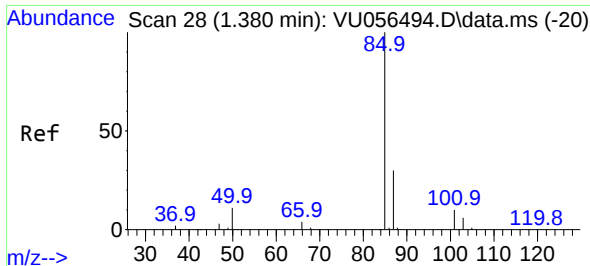
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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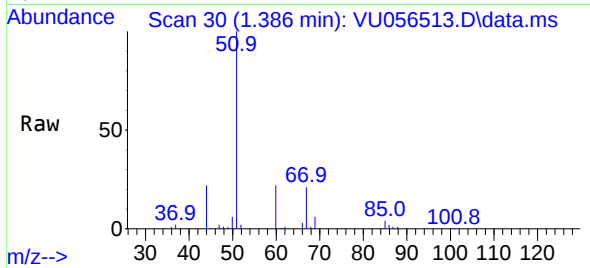
Quant Time: Nov 19 05:40:24 2023
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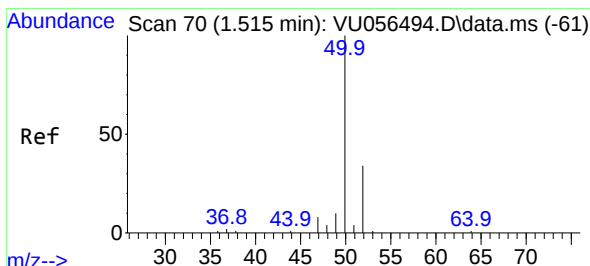
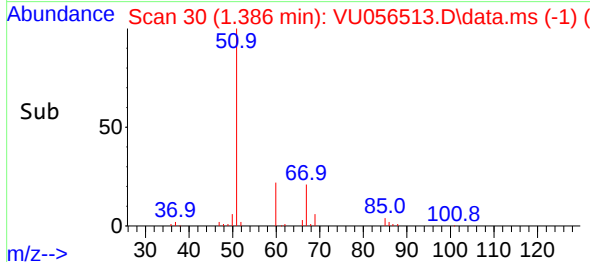
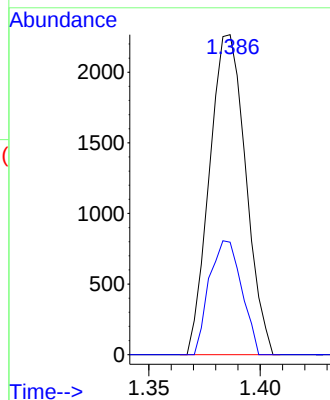


#2
 Dichlorodifluoromethane
 Concen: 0.117 ug/L
 RT: 1.386 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU056513.D
 Acq: 19 Nov 2023 05:21

Instrument :
 MSVOA_U
 ClientSampleId :

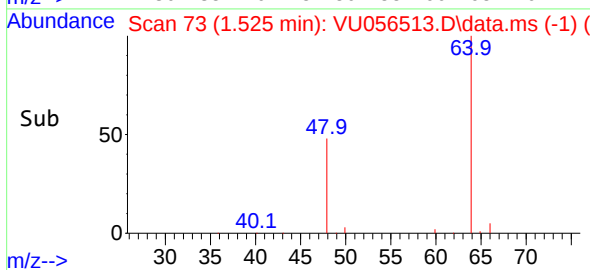
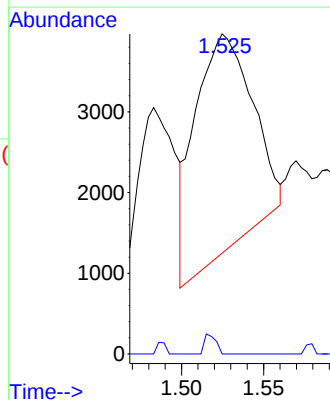
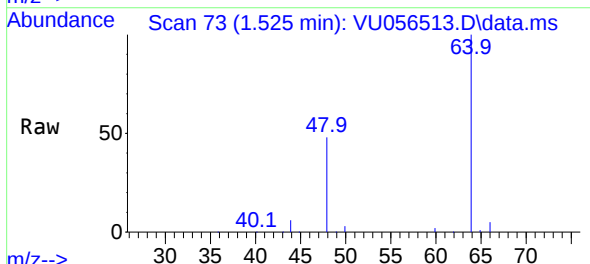


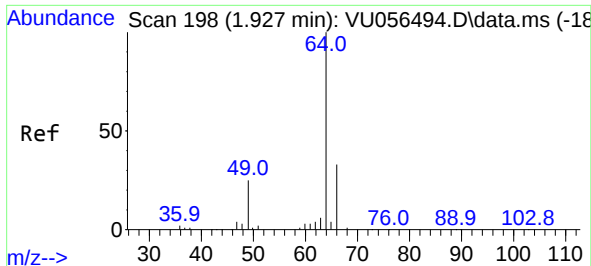
Tgt Ion: 85 Resp: 2558
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.4



#3
 Chloromethane
 Concen: 0.297 ug/L
 RT: 1.525 min Scan# 73
 Delta R.T. 0.010 min
 Lab File: VU056513.D
 Acq: 19 Nov 2023 05:21

Tgt Ion: 50 Resp: 6652
 Ion Ratio Lower Upper
 50 100
 52 0.0 24.3 45.1#

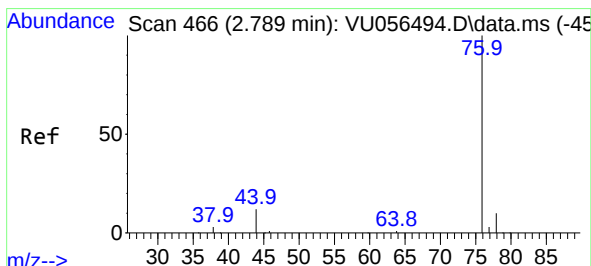
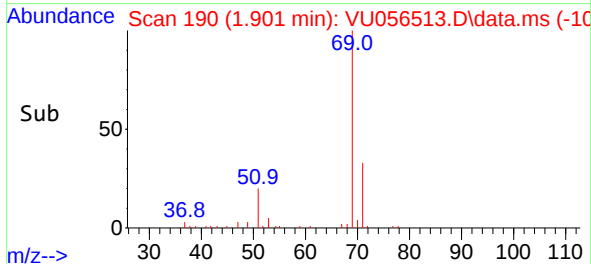
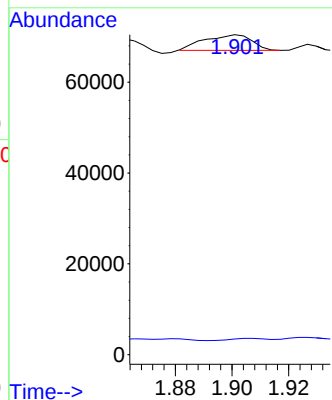
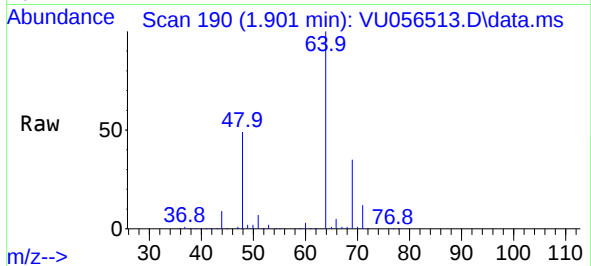




#8
Chloroethane
Concen: 0.304 ug/L
RT: 1.901 min Scan# 19
Delta R.T. -0.026 min
Lab File: VU056513.D
Acq: 19 Nov 2023 05:21

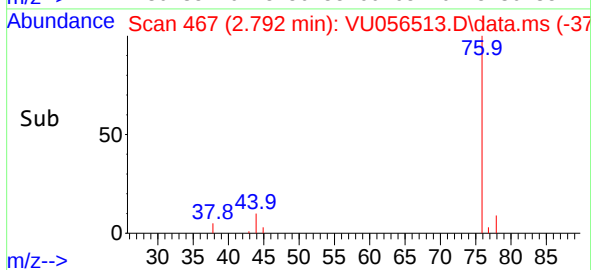
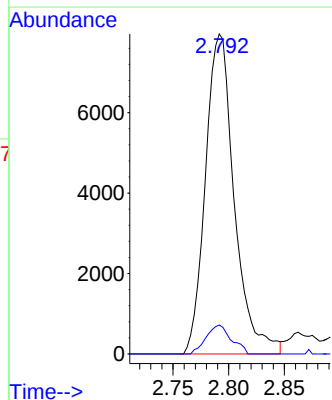
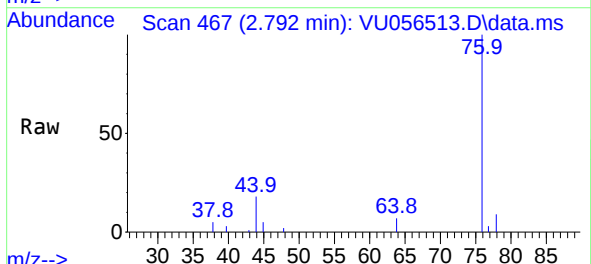
Instrument :
MSVOA_U
ClientSampleId :

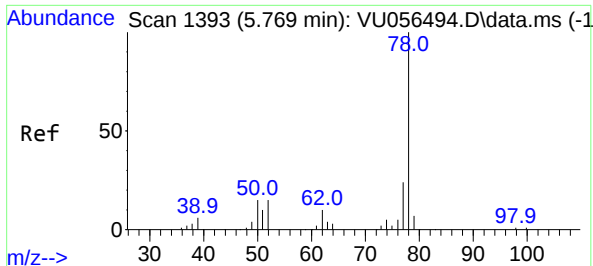
Tgt Ion: 64 Resp: 4004
Ion Ratio Lower Upper
64 100
66 4.9 23.9 44.5#



#14
Carbon disulfide
Concen: 0.261 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU056513.D
Acq: 19 Nov 2023 05:21

Tgt Ion: 76 Resp: 14353
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

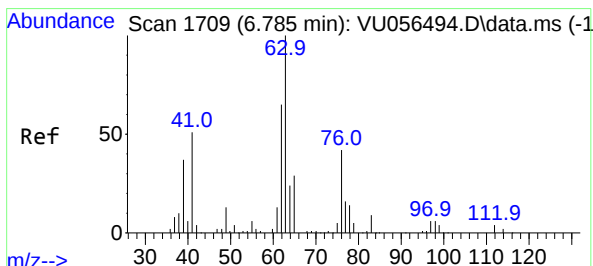
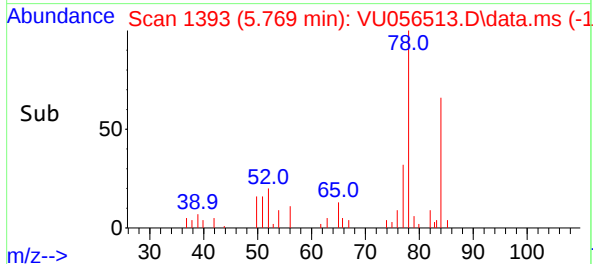
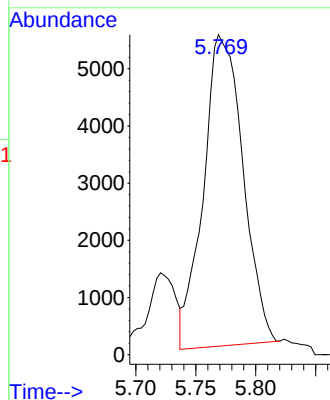
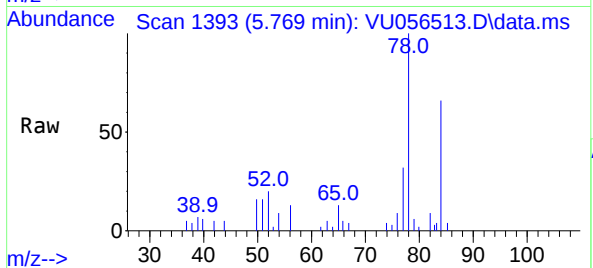




#33
Benzene
Concen: 0.165 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056513.D
Acq: 19 Nov 2023 05:21

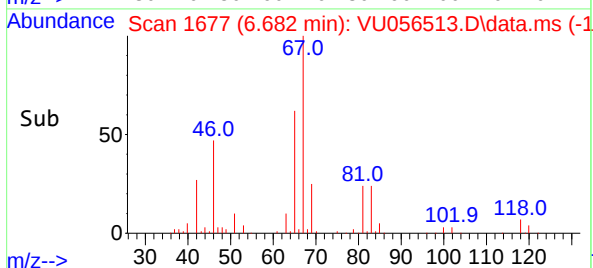
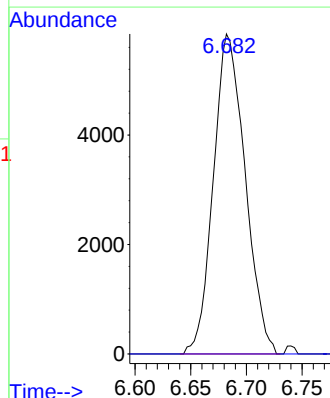
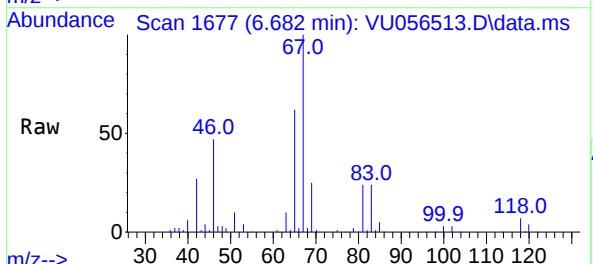
Instrument :
MSVOA_U
ClientSampleId :

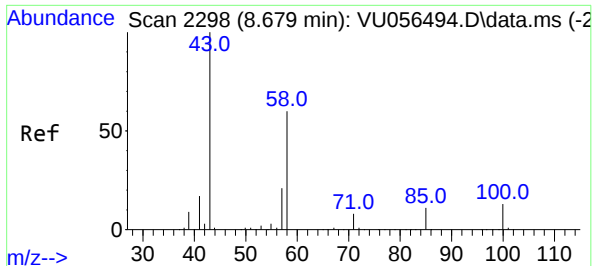
Tgt Ion: 78 Resp: 12499



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056513.D
Acq: 19 Nov 2023 05:21

Tgt Ion: 63 Resp: 11610
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



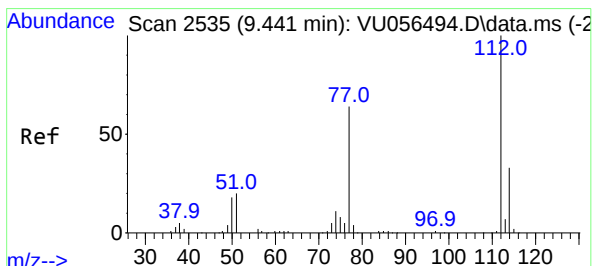
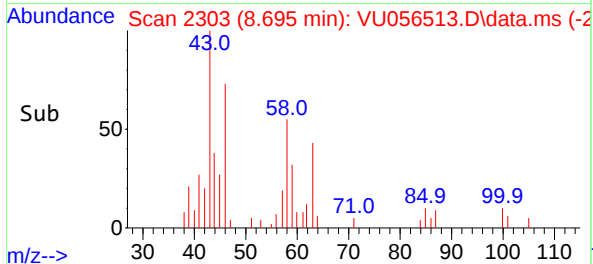
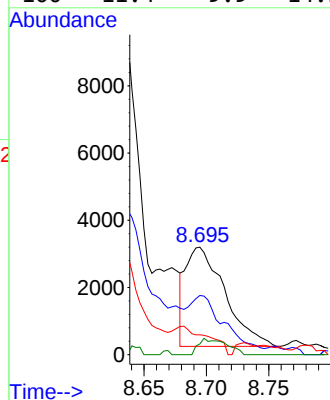
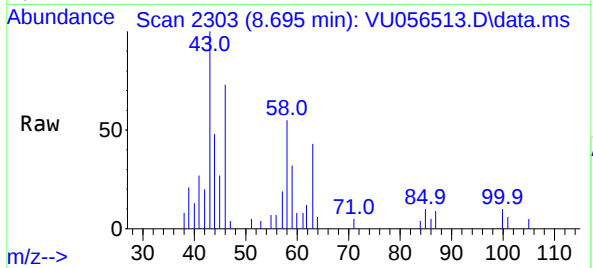


#48
2-Hexanone
Concen: 0.851 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU056513.D
Acq: 19 Nov 2023 05:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 6477

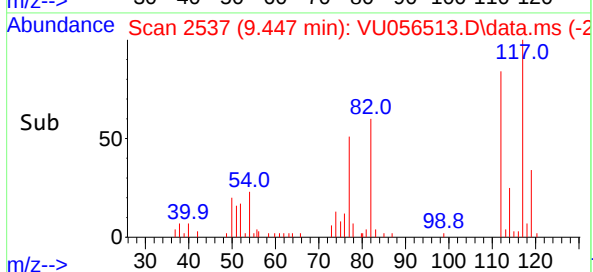
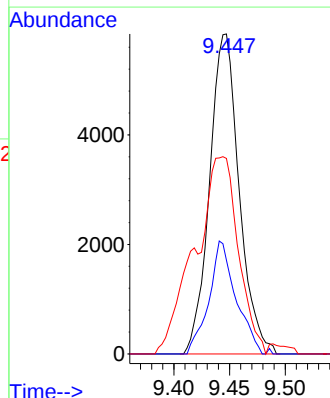
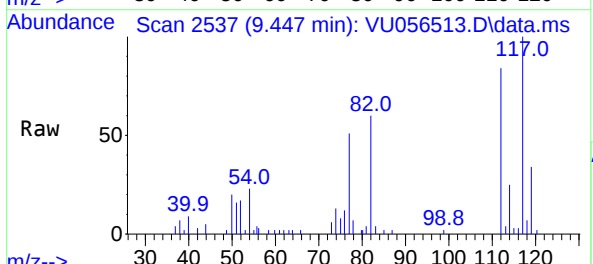
Ion	Ratio	Lower	Upper
43	100		
58	46.6	48.7	73.1#
57	25.5	16.8	25.2#
100	11.4	9.9	14.9

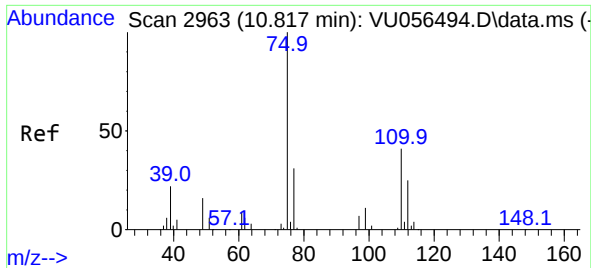


#51
Chlorobenzene
Concen: 0.215 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU056513.D
Acq: 19 Nov 2023 05:21

Tgt Ion: 112 Resp: 10803

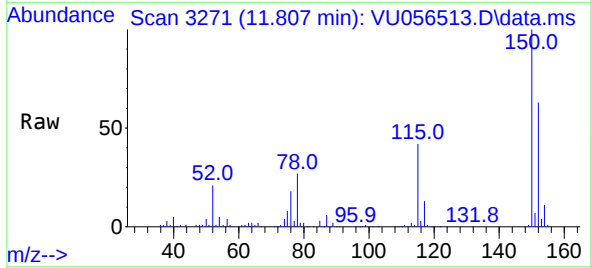
Ion	Ratio	Lower	Upper
112	100		
114	29.3	22.5	41.7
77	61.1	51.7	77.5





#61
 1,2,3-Trichloropropane
 Concen: 1.498 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056513.D
 Acq: 19 Nov 2023 05:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	13236
Ion	Ratio	Lower Upper
75	100	
110	1.9	30.4 45.6#
77	34.6	27.0 40.6

