

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052730.D
 Acq On : 17 Jan 2023 18:48
 Operator : JC/MD
 Sample : 01168-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z6DL

Quant Time: Jan 18 01:20:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

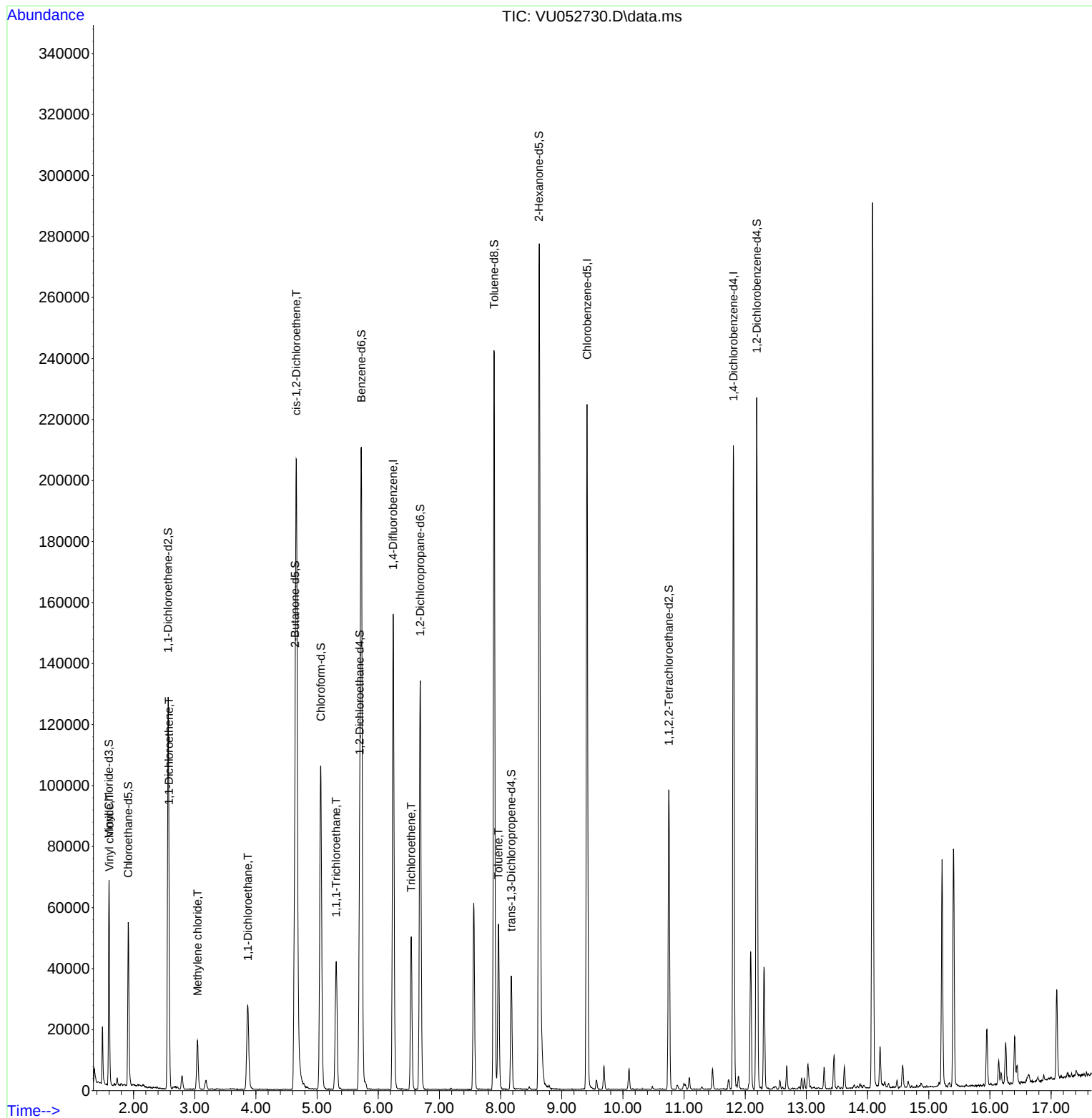
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	127781	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	57576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46439	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.912	69	42605	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.565	65	23129	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.642	46	135196	45.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.080%
24) Chloroform-d	5.060	84	101527	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.697	65	52676	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.723	84	200331	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.687	67	62759	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.896	98	160164	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.176	79	21009	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.629	63	92185	43.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	47995	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	59593	5.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
5) Vinyl chloride	1.604	62	3282	0.206	ug/L #	70
12) 1,1-Dichloroethene	2.578	96	6627	0.598	ug/L #	1
16) Methylene chloride	3.044	84	7758	0.526	ug/L	92
19) 1,1-Dichloroethane	3.867	63	31965	1.362	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	83323	6.867	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	30648	1.551	ug/L	98
34) Trichloroethene	6.539	95	17106	1.451	ug/L	94
42) Toluene	7.967	91	39927	0.804	ug/L	98

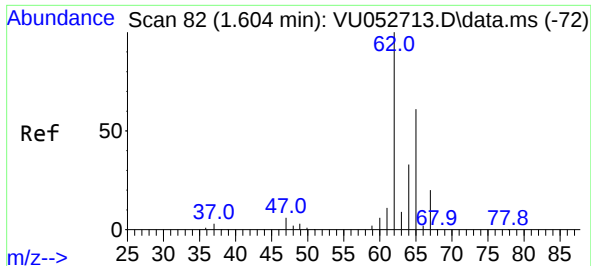
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration

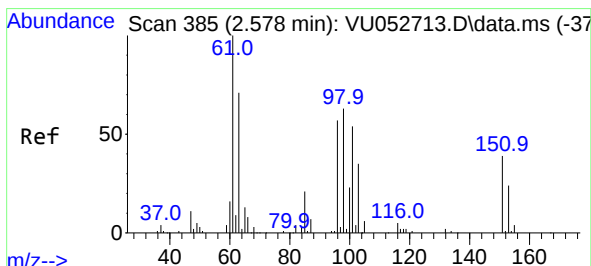
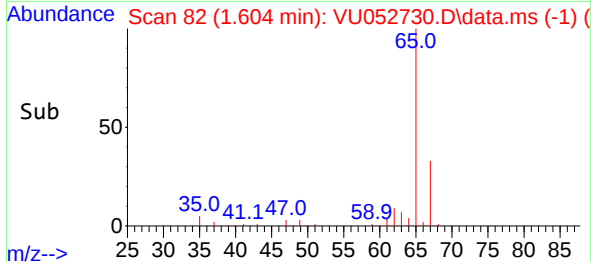
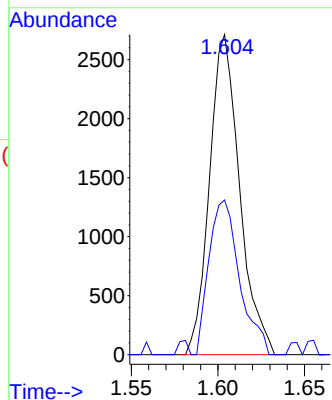
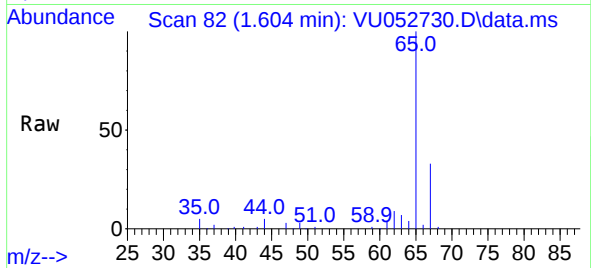




#5
 Vinyl chloride
 Concen: 0.206 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052730.D
 Acq: 17 Jan 2023 18:48

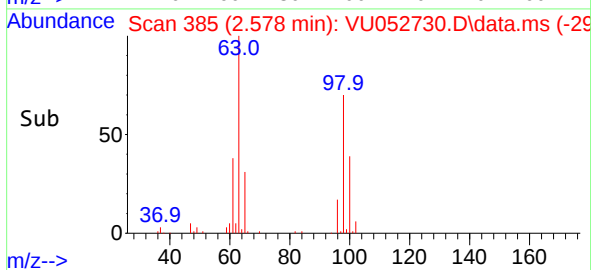
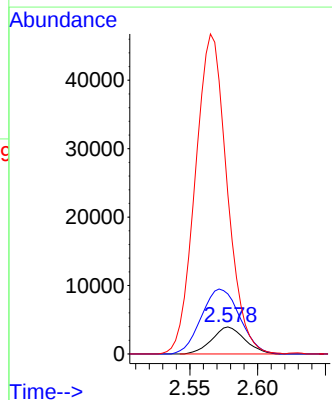
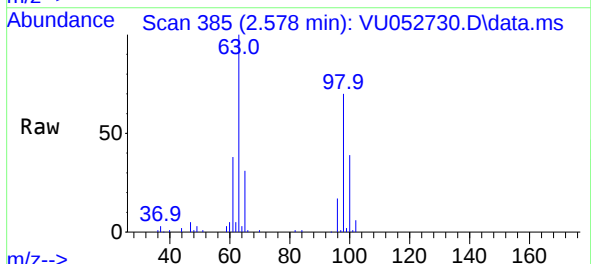
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z6DL

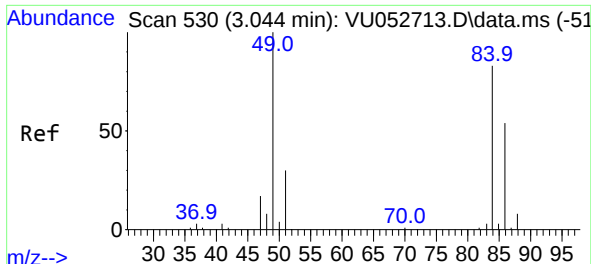
Tgt Ion: 62 Resp: 3282
 Ion Ratio Lower Upper
 62 100
 64 48.4 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 0.598 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052730.D
 Acq: 17 Jan 2023 18:48

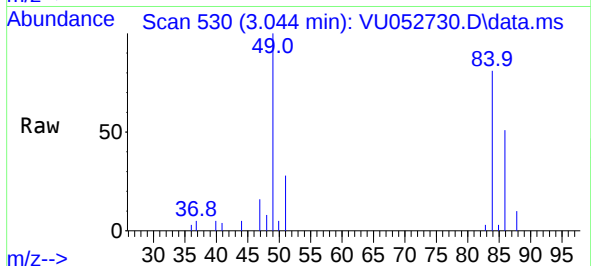
Tgt Ion: 96 Resp: 6627
 Ion Ratio Lower Upper
 96 100
 61 222.4 129.6 240.8
 63 590.5 83.7 155.5#





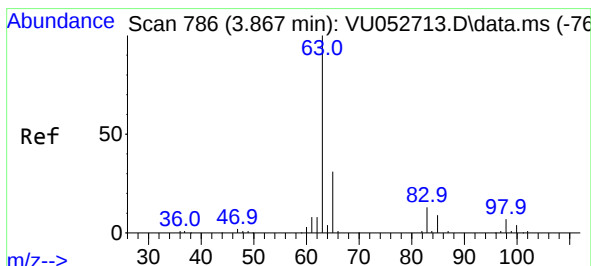
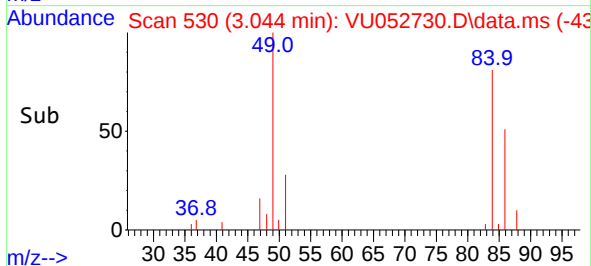
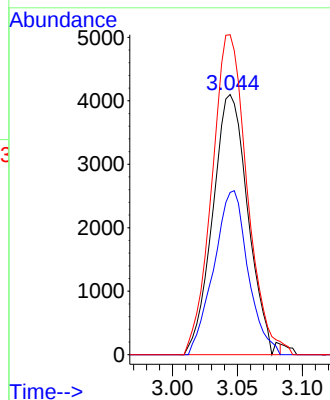
#16
Methylene chloride
Concen: 0.526 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL



Tgt Ion: 84 Resp: 7758

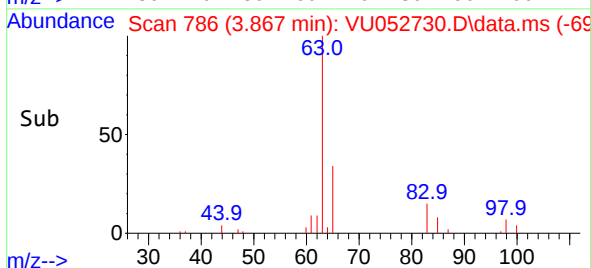
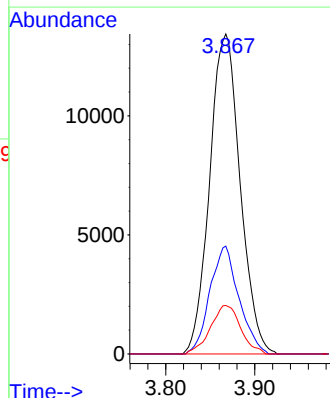
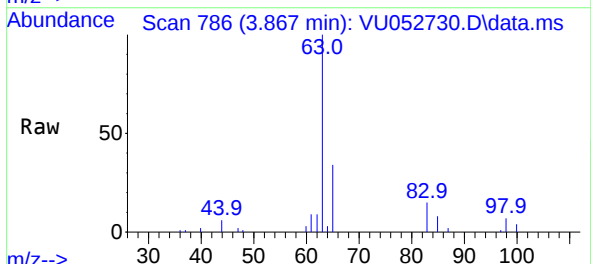
Ion	Ratio	Lower	Upper
84	100		
86	62.4	45.6	84.6
49	123.0	94.8	176.0

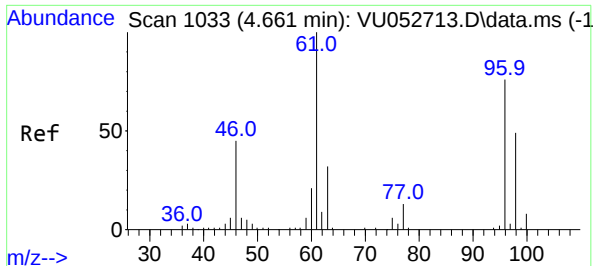


#19
1,1-Dichloroethane
Concen: 1.362 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Tgt Ion: 63 Resp: 31965

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.0	41.0
83	15.1	8.9	16.5

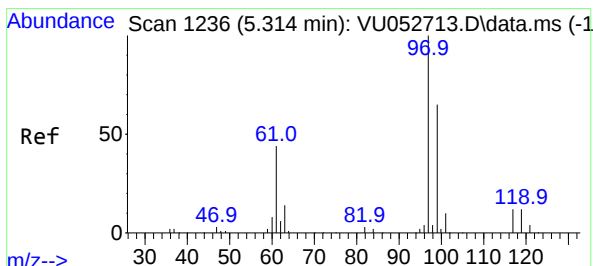
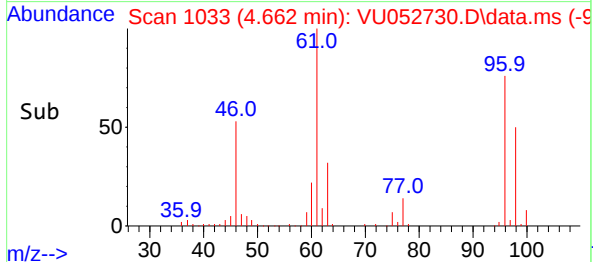
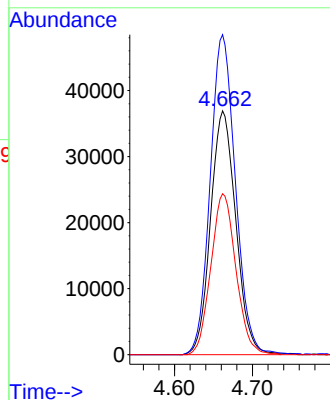
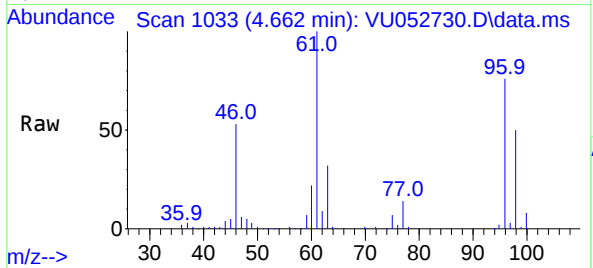




#22
cis-1,2-Dichloroethene
Concen: 6.867 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

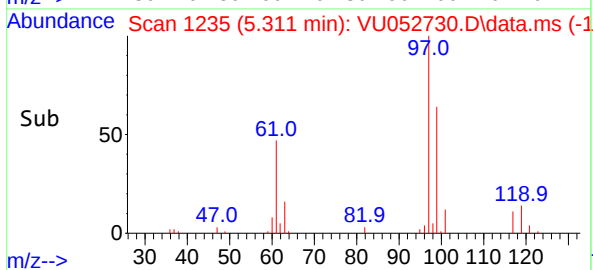
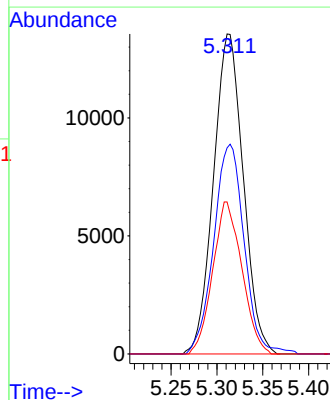
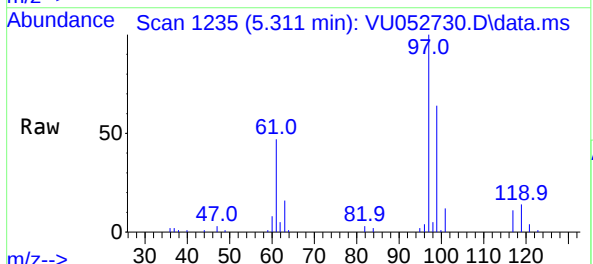
Instrument :
MSVOA_U
ClientSampleId :
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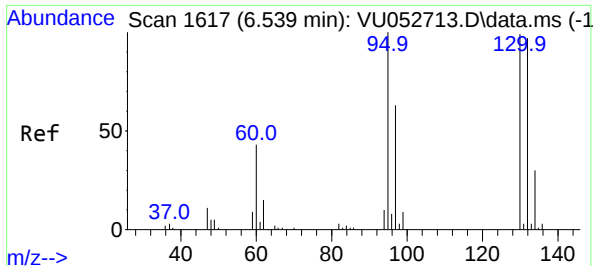
Tgt Ion: 96 Resp: 83323
Ion Ratio Lower Upper
96 100
61 131.2 94.6 175.8
98 66.0 43.3 80.3



#29
1,1,1-Trichloroethane
Concen: 1.551 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Tgt Ion: 97 Resp: 30648
Ion Ratio Lower Upper
97 100
99 67.0 52.4 78.6
61 46.5 38.5 57.7

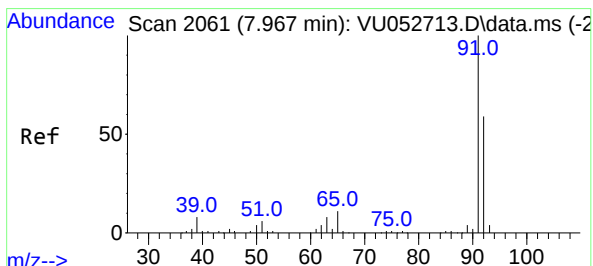
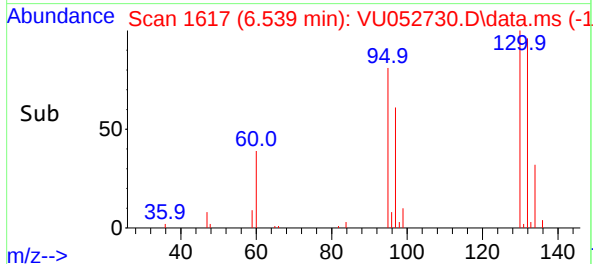
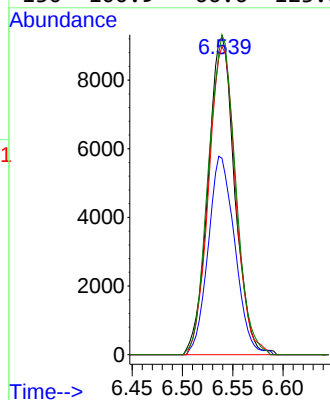
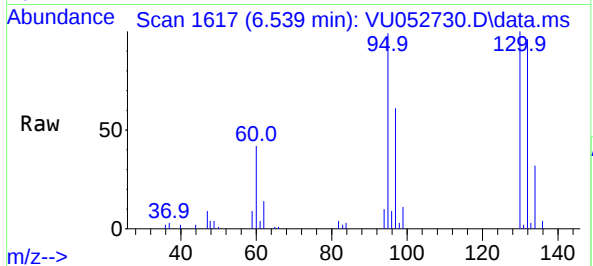




#34
Trichloroethene
Concen: 1.451 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6DL

Tgt Ion: 95 Resp: 17106
Ion Ratio Lower Upper
95 100
97 61.9 46.0 85.4
132 97.1 64.0 118.8
130 100.9 66.6 123.8



#42
Toluene
Concen: 0.804 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Tgt Ion: 91 Resp: 39927
Ion Ratio Lower Upper
91 100
92 59.3 40.5 75.1

