

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052343.D
 Acq On : 12 Dec 2022 11:20
 Operator : JC/MD
 Sample : VU1212WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK158

Quant Time: Dec 12 12:42:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

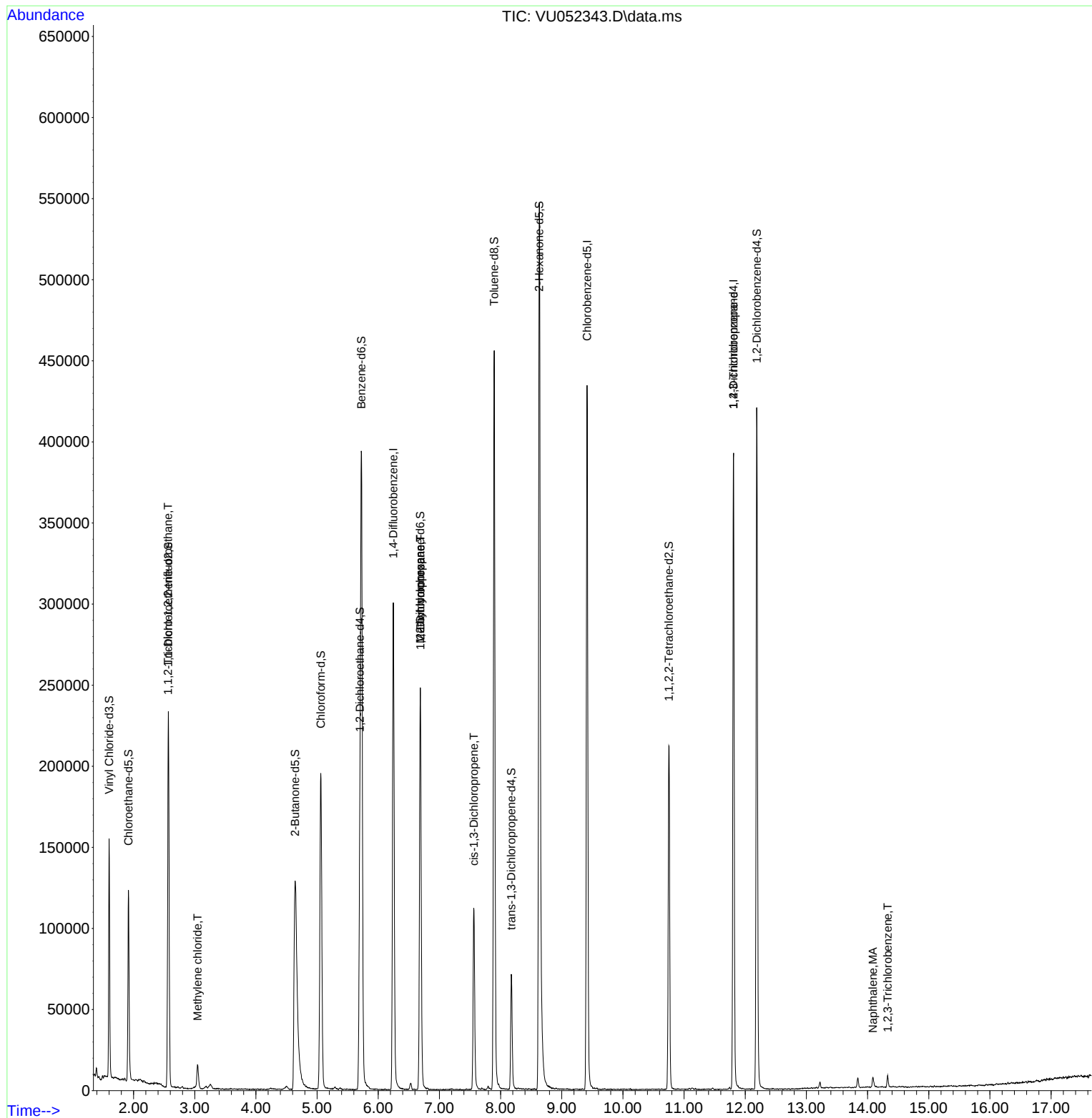
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	256335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	255849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108380	4.347	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.916	69	91239	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.568	65	42917	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.642	46	271499	60.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.140%
24) Chloroform-d	5.060	84	189885	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.700	65	98007	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.726	84	391058	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.687	67	127325	5.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.896	98	319534	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.176	79	42111	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.632	63	195516	53.858	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.720%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	111738	5.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	117570	5.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1395	0.074	ug/L #	20
16) Methylene chloride	3.047	84	7763	0.309	ug/L	97
35) Methylcyclohexane	6.687	83	28750	0.962	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	11946	0.554	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2651	0.096	ug/L #	69
61) 1,2,3-Trichloropropane	11.809	75	12332	0.985	ug/L #	68
71) Naphthalene	14.089	128	6555	0.184	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.330	180	2438	0.131	ug/L	93

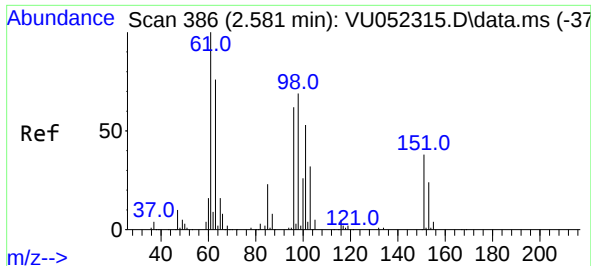
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU1212WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK158

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
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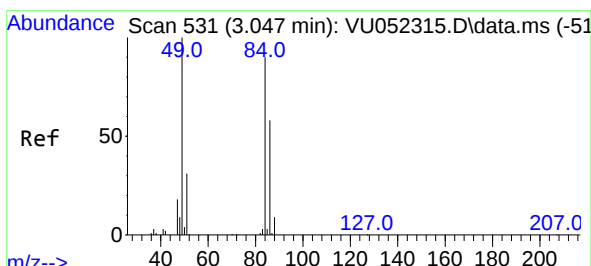
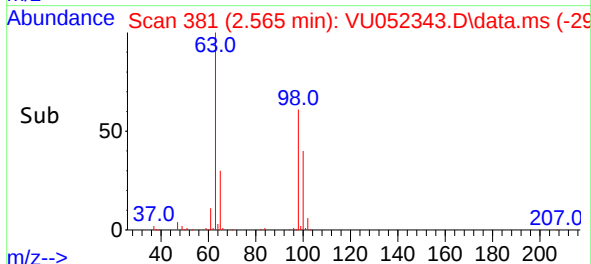
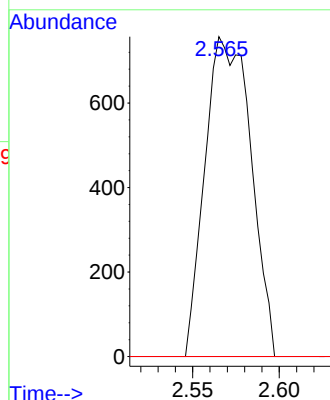
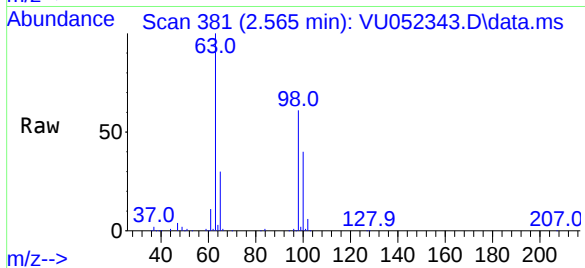




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.565 min Scan# 310
Delta R.T. -0.016 min
Lab File: VU052343.D
Acq: 12 Dec 2022 11:20

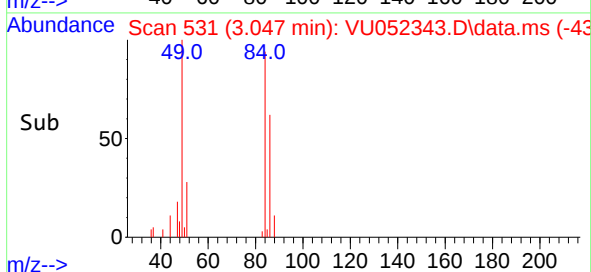
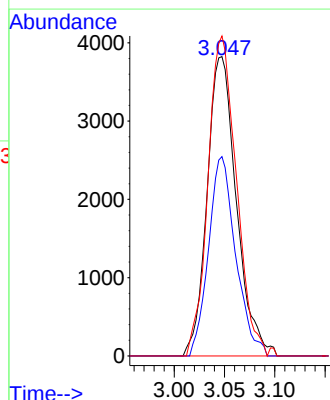
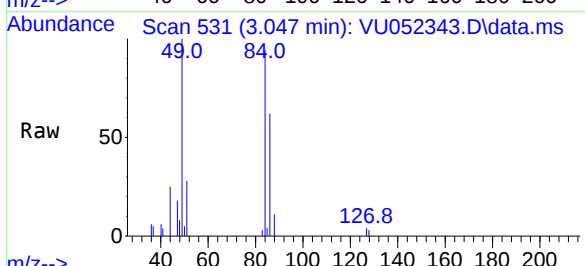
Instrument :
MSVOA_U
ClientSampleId :
VBLK158

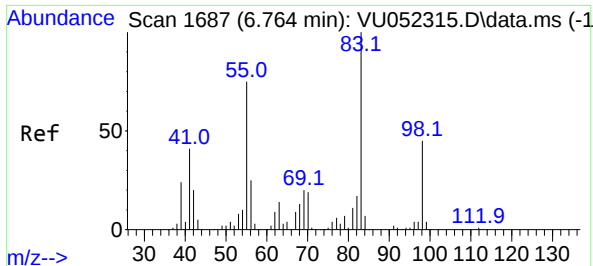
Tgt Ion:101 Resp: 1395
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.309 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU052343.D
Acq: 12 Dec 2022 11:20

Tgt Ion: 84 Resp: 7763
Ion Ratio Lower Upper
84 100
86 66.6 43.8 81.4
49 106.9 75.9 141.1

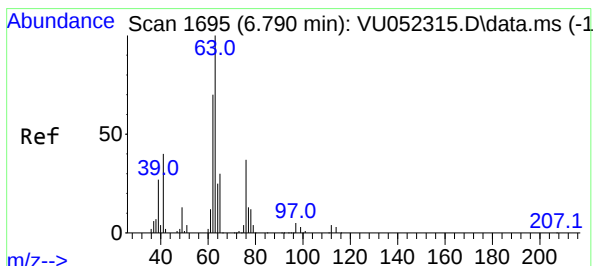
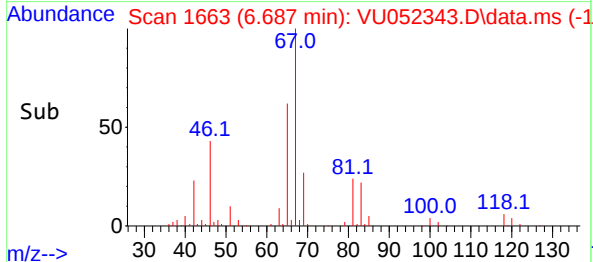
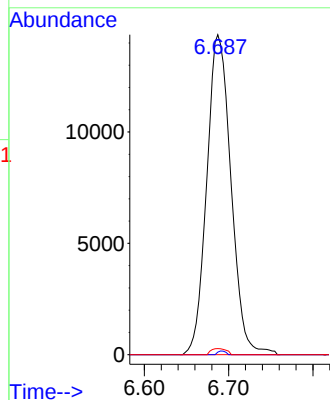
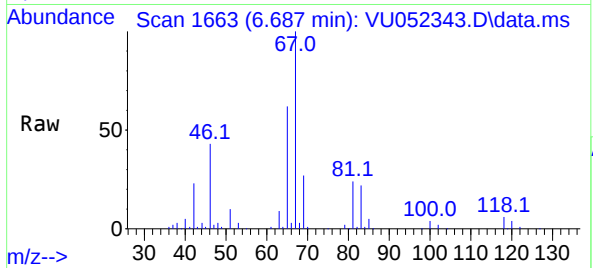




#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052343.D
Acq: 12 Dec 2022 11:20

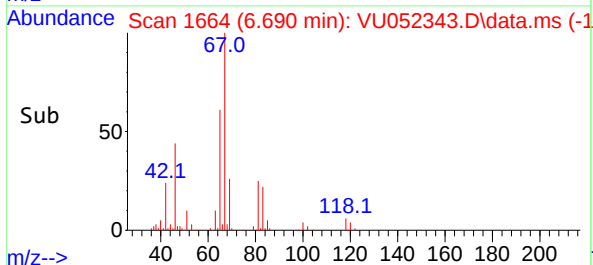
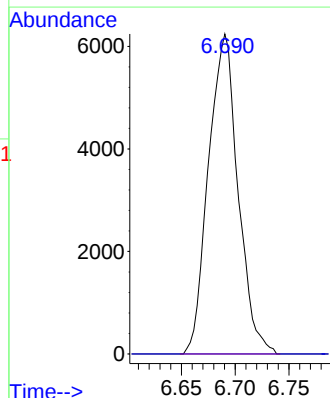
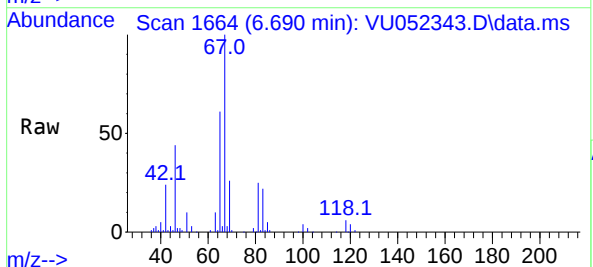
Instrument :
MSVOA_U
ClientSampleId :
VBLK158

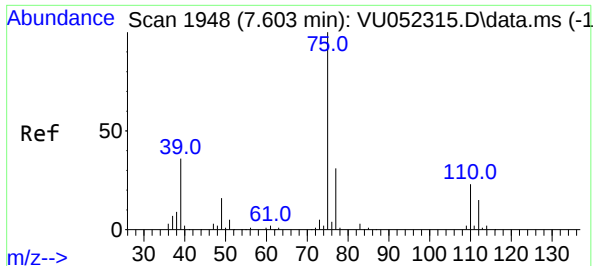
Tgt Ion: 83 Resp: 28750
Ion Ratio Lower Upper
83 100
55 0.4 60.8 91.2#
98 1.2 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052343.D
Acq: 12 Dec 2022 11:20

Tgt Ion: 63 Resp: 11946
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

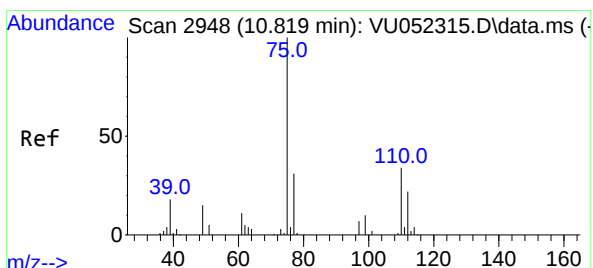
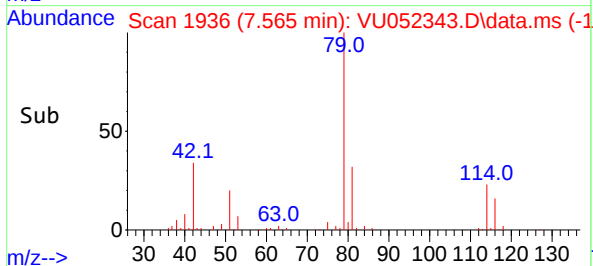
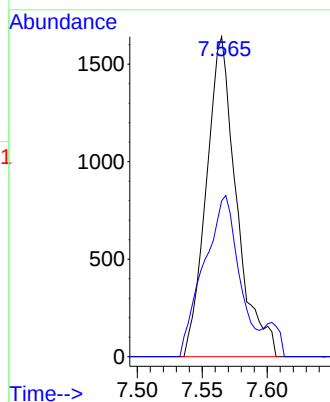
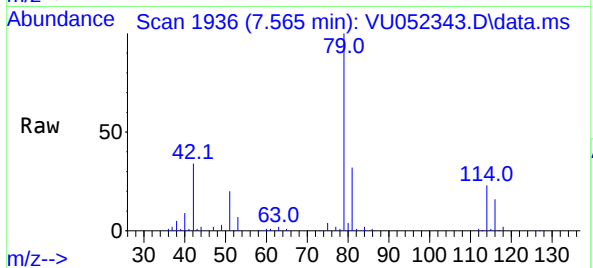




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.565 min Scan# 11
 Delta R.T. -0.039 min
 Lab File: VU052343.D
 Acq: 12 Dec 2022 11:20

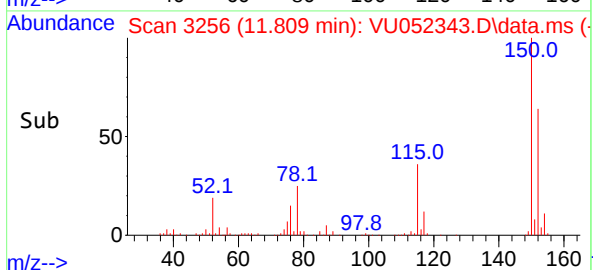
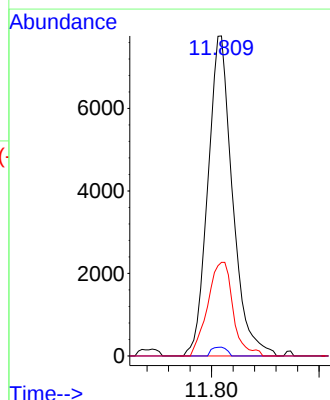
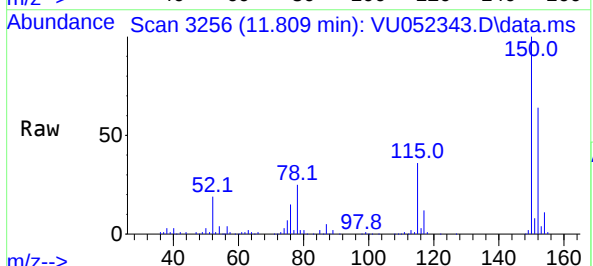
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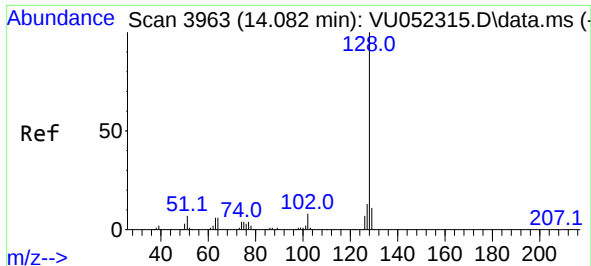
Tgt Ion: 75 Resp: 2651
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.0 40.8#



#61
 1,2,3-Trichloropropane
 Concen: 0.985 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU052343.D
 Acq: 12 Dec 2022 11:20

Tgt Ion: 75 Resp: 12332
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.3 42.5#
 77 30.1 26.2 39.2

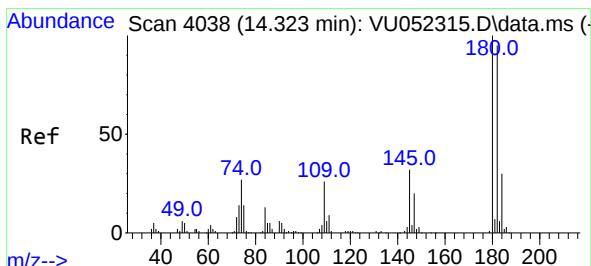
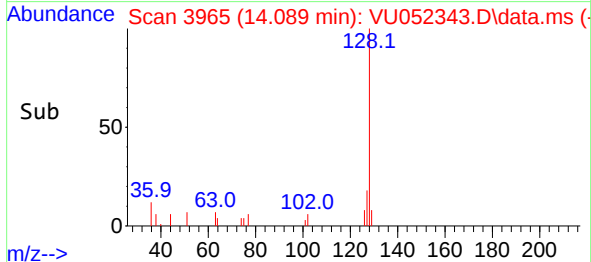
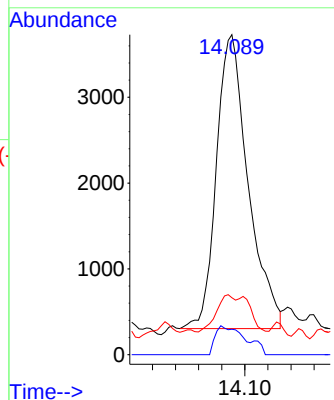
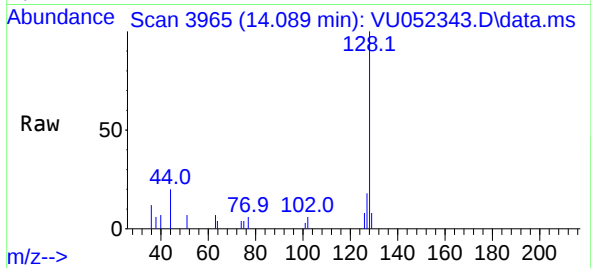




#71
Naphthalene
Concen: 0.184 ug/L
RT: 14.089 min Scan# 3963
Delta R.T. 0.006 min
Lab File: VU052343.D
Acq: 12 Dec 2022 11:20

Instrument :
MSVOA_U
ClientSampleId :
VBLK158

Tgt Ion:128 Resp: 6555
Ion Ratio Lower Upper
128 100
129 8.0 8.3 12.5#
127 7.5 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.131 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU052343.D
Acq: 12 Dec 2022 11:20

Tgt Ion:180 Resp: 2438
Ion Ratio Lower Upper
180 100
182 103.4 75.7 113.5
145 30.5 24.5 36.7

