

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043530.D
 Acq On : 04 May 2021 19:22
 Operator : SY/MD
 Sample : M2195-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J2DL

Quant Time: May 05 08:14:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

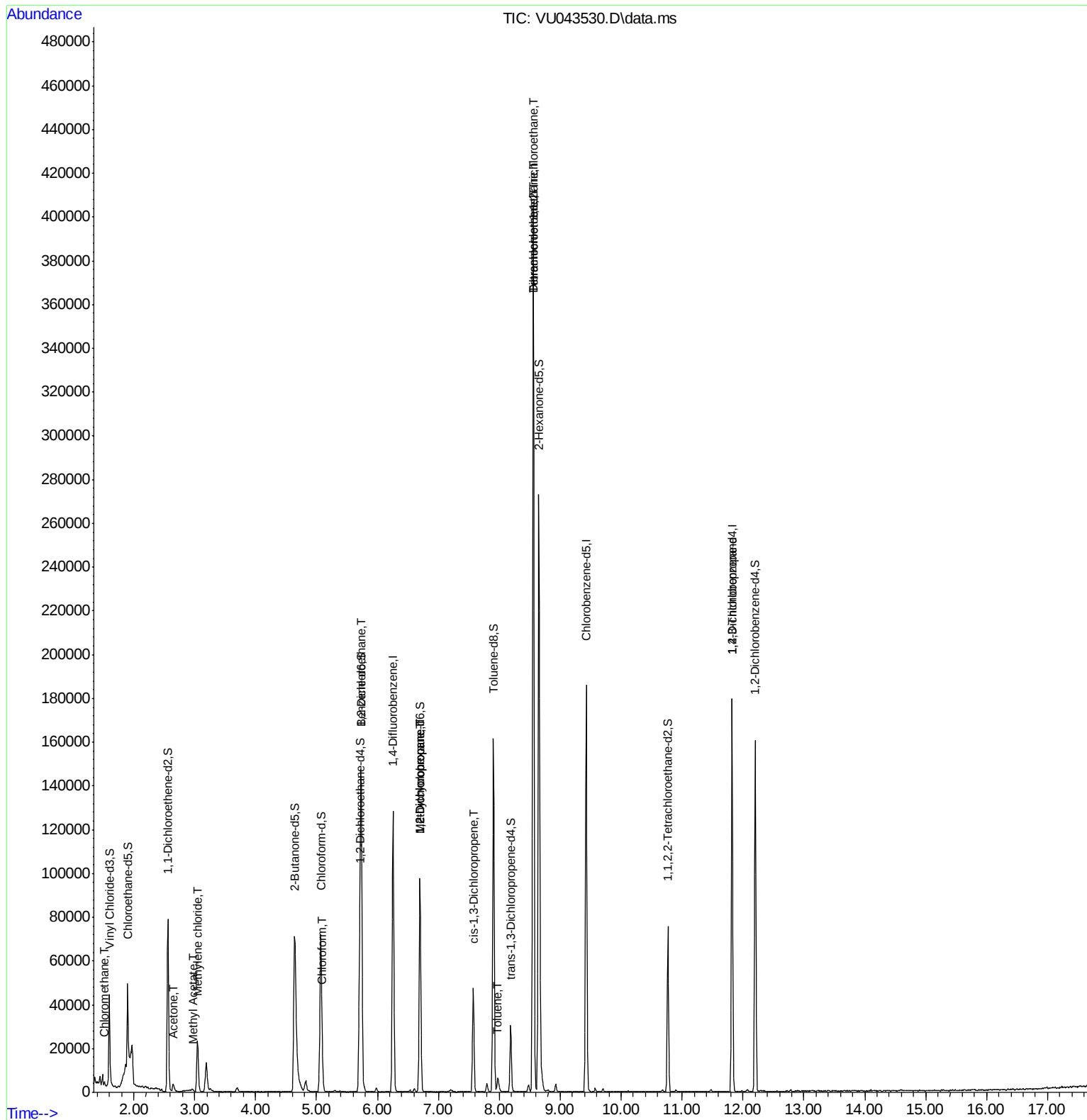
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92539	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93711	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	41597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30541	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.00%		
7) Chloroethane-d5	1.900	69	21282	3.90	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery =	78.00%		
11) 1,1-Dichloroethene-d2	2.559	65	15441	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	84.60%		
20) 2-Butanone-d5	4.642	46	130374	56.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	112.88%		
24) Chloroform-d	5.070	84	60361	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.80%		
26) 1,2-Dichloroethane-d4	5.710	65	42112	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.20%		
32) Benzene-d6	5.732	84	118043	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.20%		
36) 1,2-Dichloropropane-d6	6.697	67	41580	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	93.60%		
41) Toluene-d8	7.906	98	97660	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.80%		
43) trans-1,3-Dichloroprop...	8.185	79	16115	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.80%		
46) 2-Hexanone-d5	8.649	63	85807	57.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	114.10%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	35902	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	100.80%		
66) 1,2-Dichlorobenzene-d4	12.201	152	36938	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.60%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1734	0.26	ug/L	95
13) Acetone	2.646	43	4596	2.98	ug/L	91
15) Methyl Acetate	2.970	43	1003	0.29	ug/L	96
16) Methylene chloride	3.047	84	9944	1.20	ug/L	96
25) Chloroform	5.092	83	5945	0.44	ug/L	92
27) 1,2-Dichloroethane	5.732	62	776	0.08	ug/L #	78
35) Methylcyclohexane	6.697	83	9420	1.16	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	5077	0.69	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1180	0.12	ug/L #	64
42) Toluene	7.973	91	4287	0.17	ug/L	85
45) 1,1,2-Trichloroethane	8.555	97	674	0.13	ug/L #	1
47) Tetrachloroethene	8.558	164	80172	17.26	ug/L	96
49) Dibromochloromethane	8.558	129	76302	12.39	ug/L #	12
61) 1,2,3-Trichloropropane	11.822	75	5517	1.31	ug/L #	64

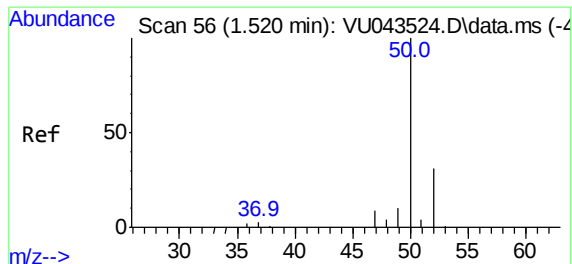
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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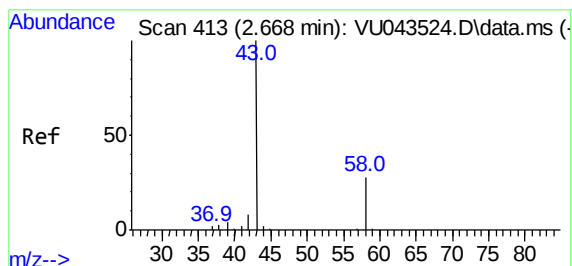
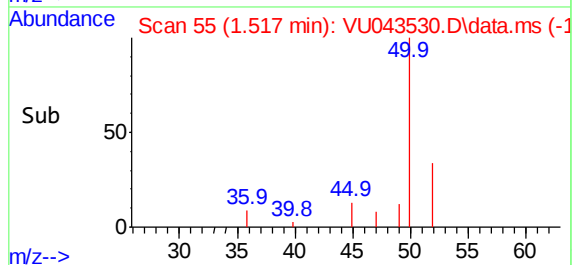
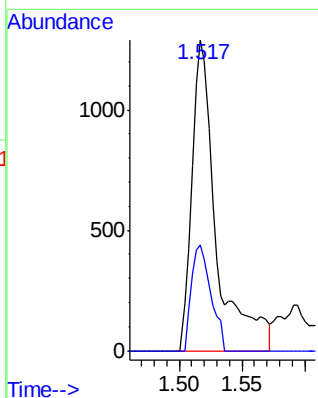
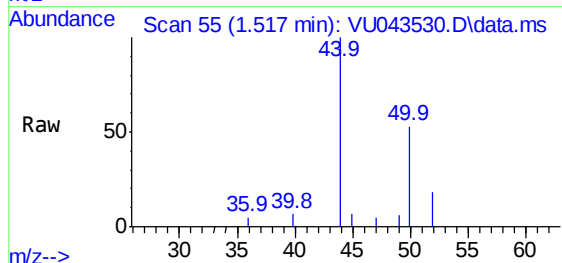




#3
Chloromethane
Concen: 0.26 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

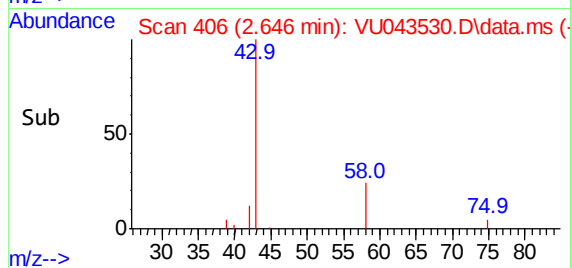
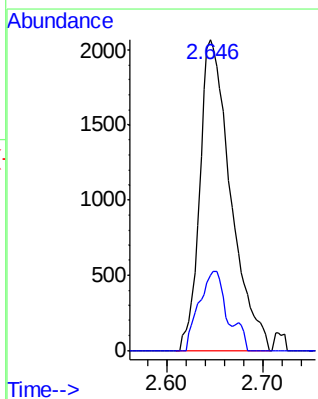
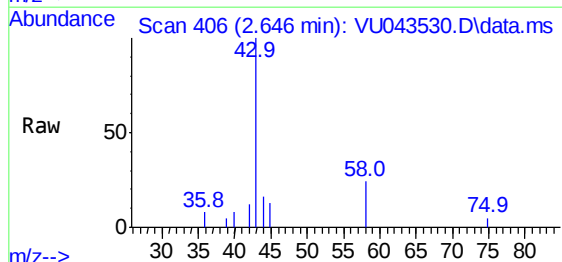
Instrument :
MSVOA_U
ClientSampleId :
GB3J2DL

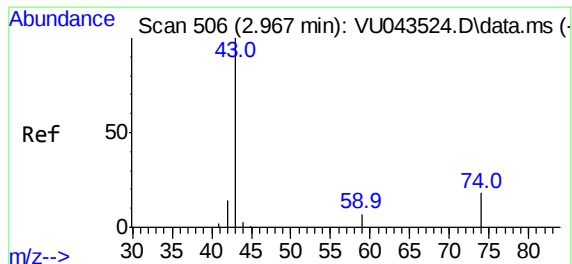
Tgt Ion: 50 Resp: 1734
Ion Ratio Lower Upper
50 100
52 34.3 22.1 41.1



#13
Acetone
Concen: 2.98 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.022 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
58 20.8 0.0 50.8

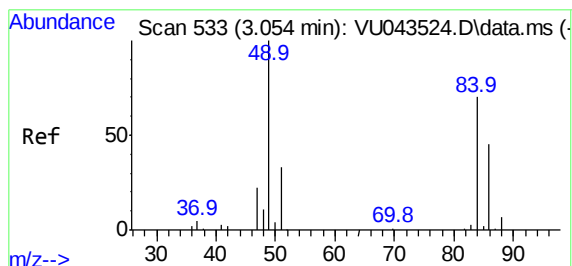
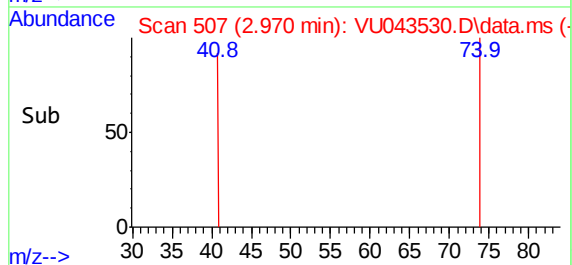
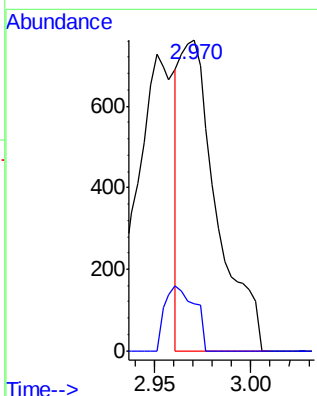
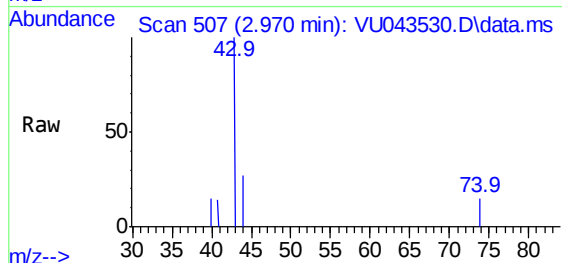




#15
Methyl Acetate
Concen: 0.29 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

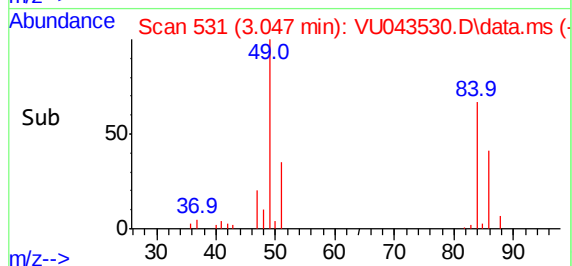
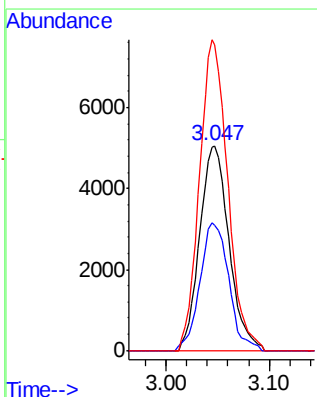
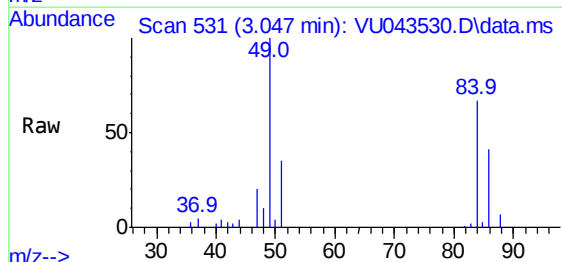
Instrument :
MSVOA_U
ClientSampleId :
GB3J2DL

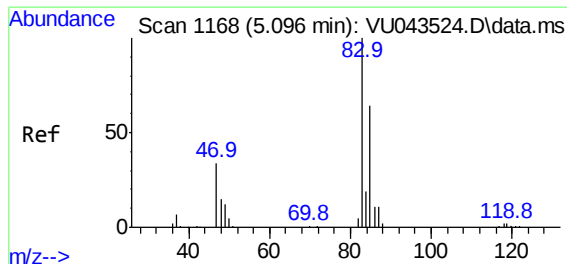
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
74 17.2 15.2 22.8



#16
Methylene chloride
Concen: 1.20 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.006 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Tgt Ion: 84 Resp: 9944
Ion Ratio Lower Upper
84 100
86 61.2 45.6 84.6
49 148.8 107.0 198.8

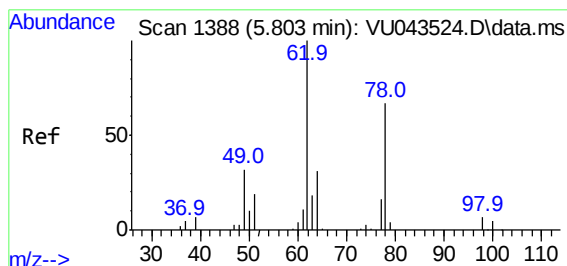
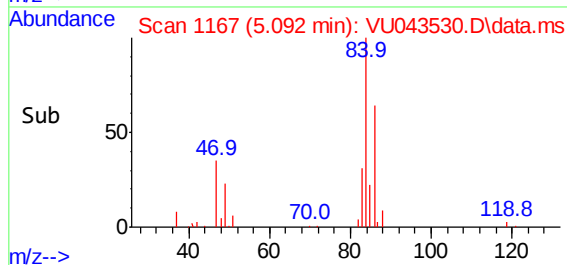
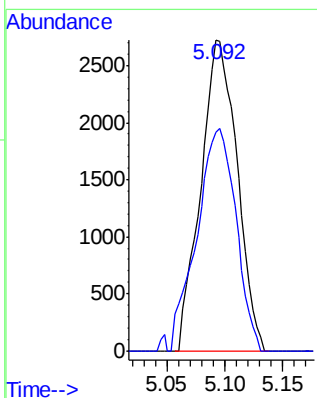
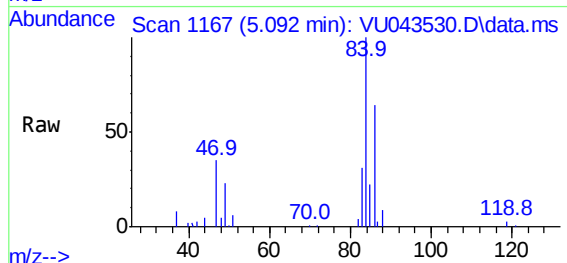




#25
Chloroform
Concen: 0.44 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

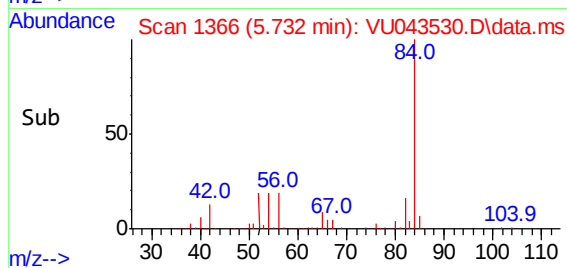
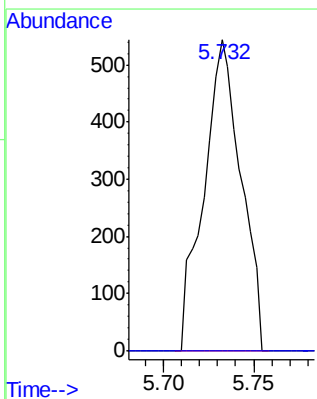
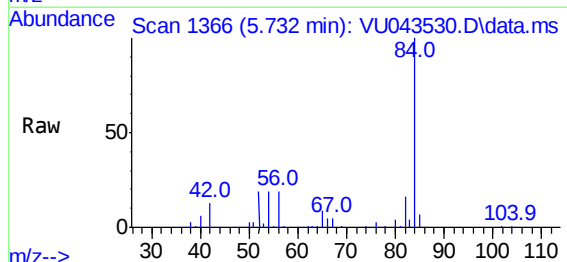
Instrument :
MSVOA_U
ClientSampleId :
GB3J2DL

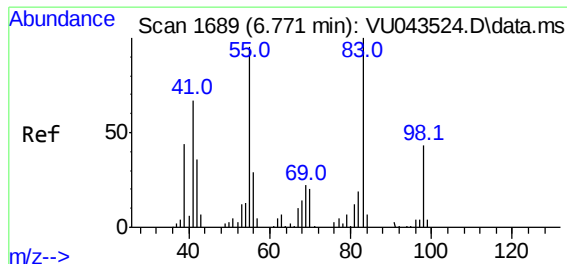
Tgt Ion: 83 Resp: 5945
Ion Ratio Lower Upper
83 100
85 70.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Tgt Ion: 62 Resp: 776
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

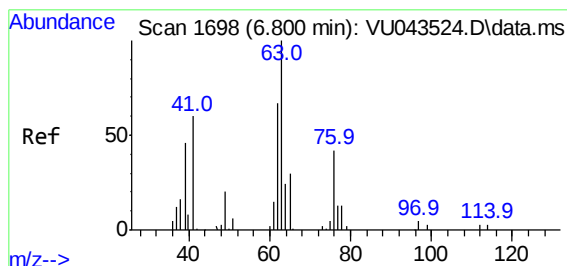
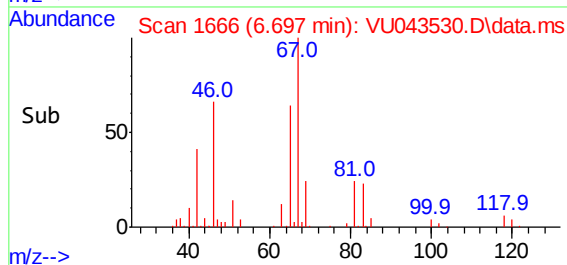
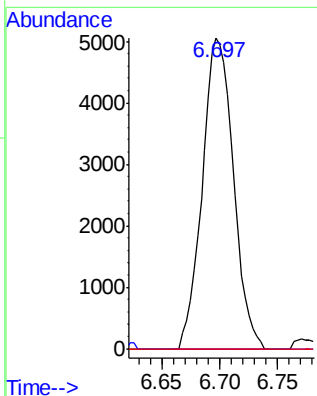
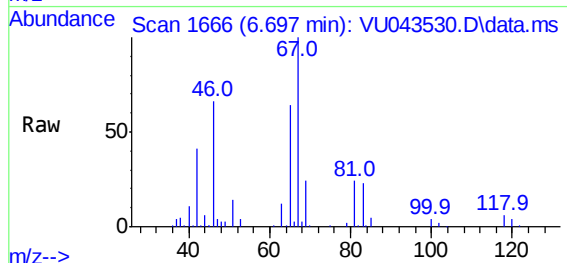




#35
Methylcyclohexane
Concen: 1.16 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

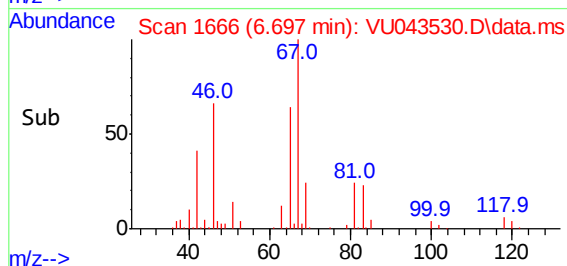
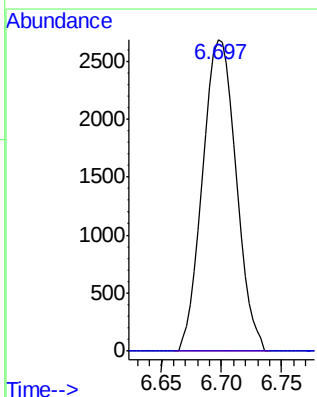
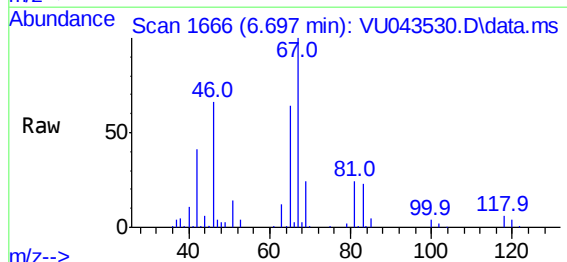
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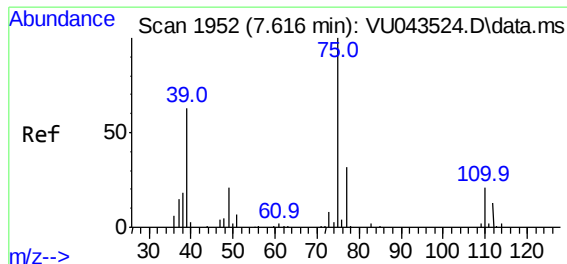
Tgt Ion: 83 Resp: 9420
Ion Ratio Lower Upper
83 100
55 0.4 75.8 113.8#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Tgt Ion: 63 Resp: 5077
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

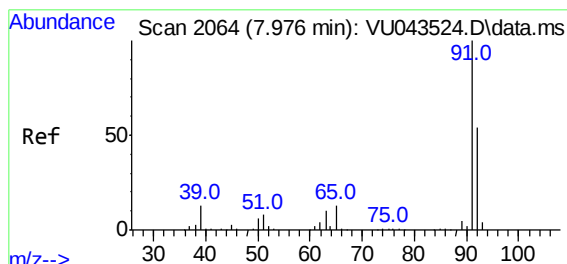
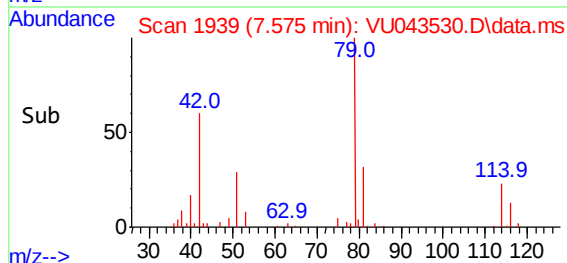
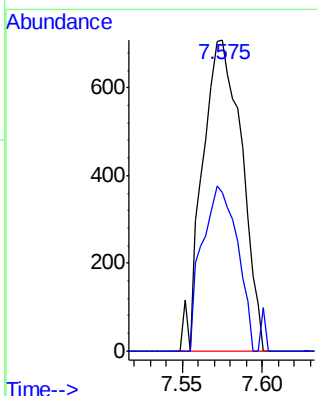
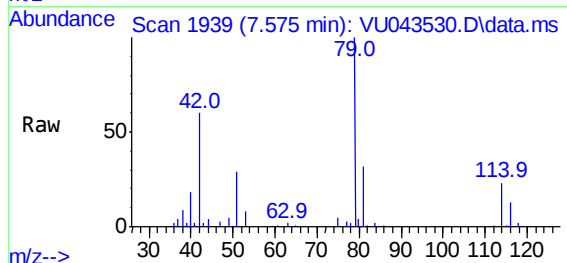




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

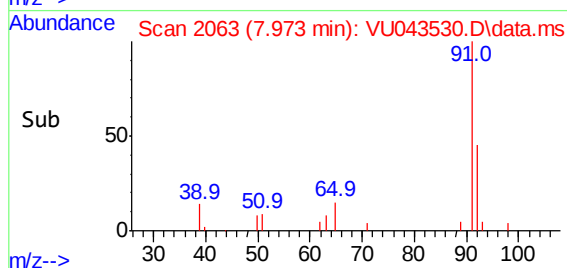
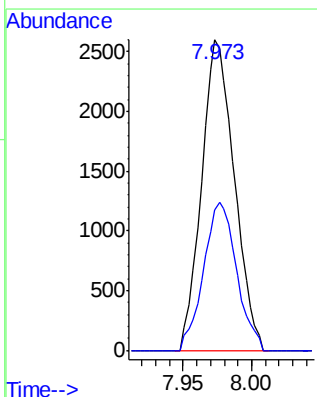
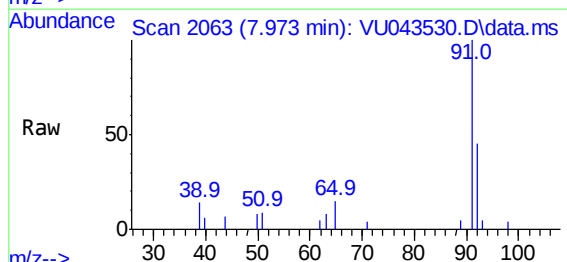
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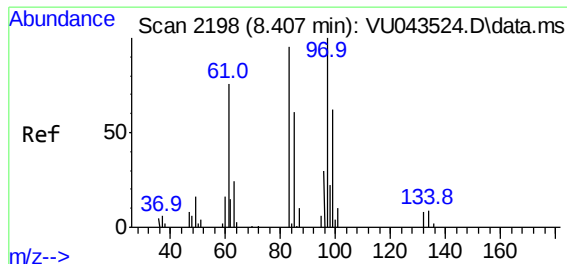
Tgt Ion: 75 Resp: 1180
Ion Ratio Lower Upper
75 100
77 51.2 21.9 40.7#



#42
Toluene
Concen: 0.17 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Tgt Ion: 91 Resp: 4287
Ion Ratio Lower Upper
91 100
92 45.0 39.1 72.5



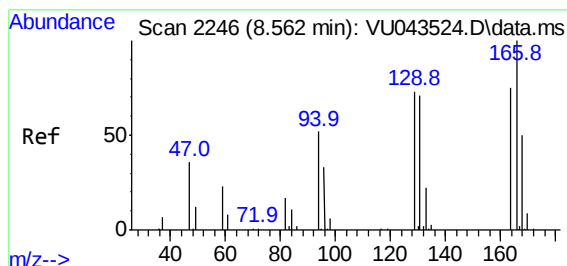
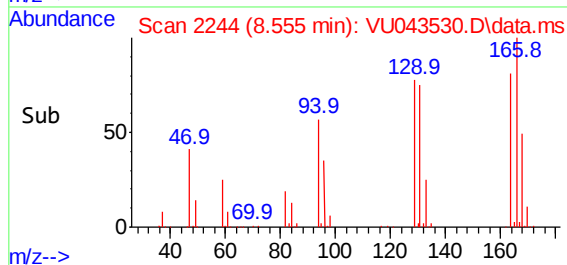
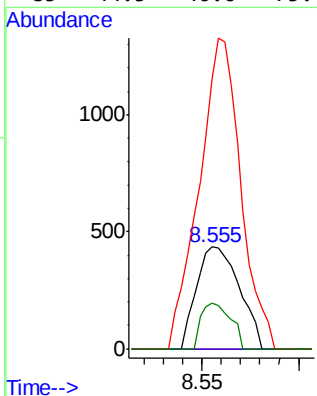
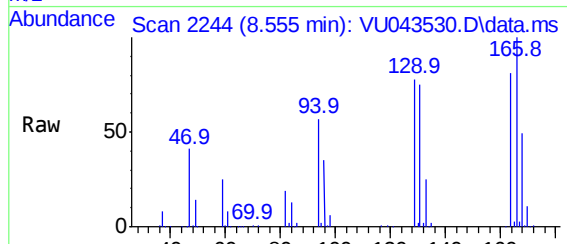


#45
1,1,2-Trichloroethane
Concen: 0.13 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.148 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Instrument :
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Tgt Ion: 97 Resp: 674

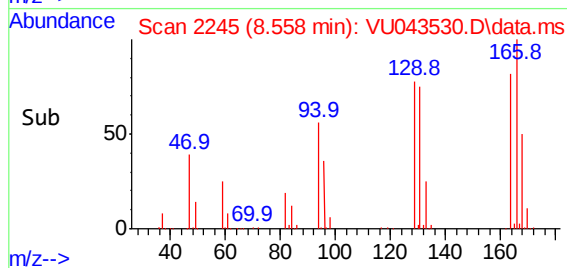
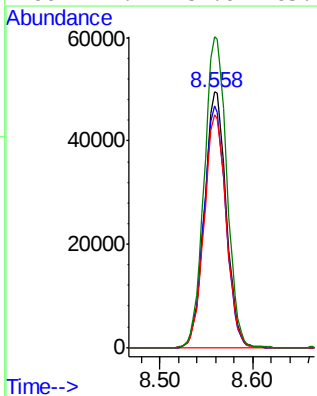
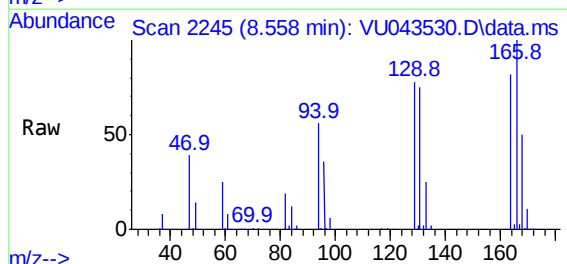
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.6	79.0#
83	265.9	64.1	119.1#
85	44.5	40.6	75.4

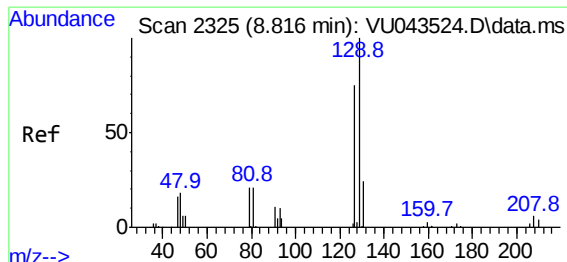


#47
Tetrachloroethene
Concen: 17.26 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043530.D
Acq: 04 May 2021 19:22

Tgt Ion: 164 Resp: 80172

Ion	Ratio	Lower	Upper
164	100		
129	94.8	62.5	116.1
131	91.0	64.9	120.5
166	121.7	89.0	165.2

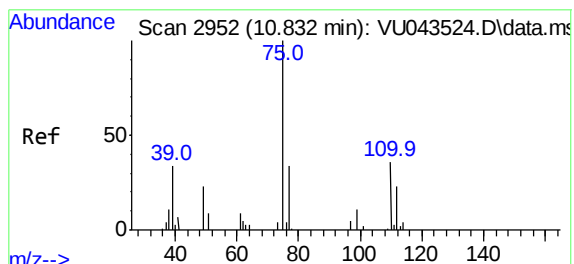
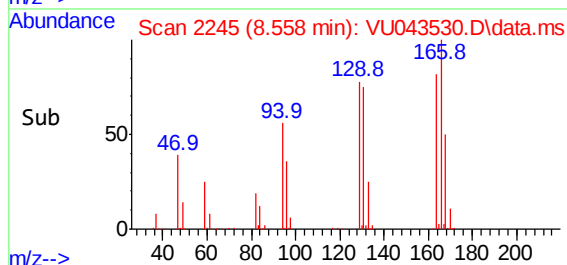
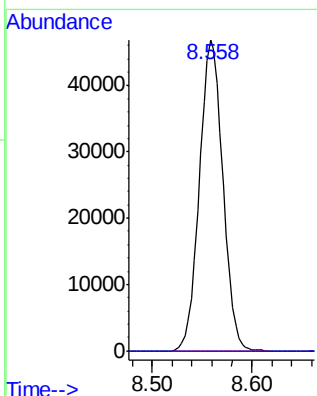
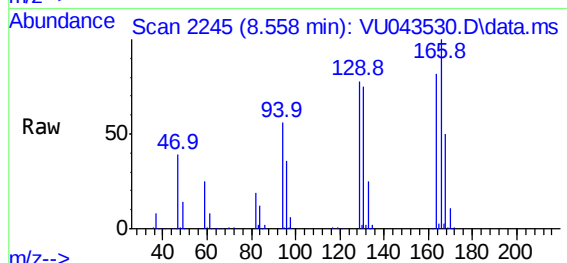




#49
 Dibromochloromethane
 Concen: 12.39 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. -0.257 min
 Lab File: VU043530.D
 Acq: 04 May 2021 19:22

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J2DL

Tgt Ion:129 Resp: 76302
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.31 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043530.D
 Acq: 04 May 2021 19:22

Tgt Ion: 75 Resp: 5517
 Ion Ratio Lower Upper
 75 100
 110 0.8 28.6 42.8#
 77 37.5 25.7 38.5

