

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043540.D
 Acq On : 04 May 2021 23:25
 Operator : SY/MD
 Sample : M2195-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 05 08:20:05 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)

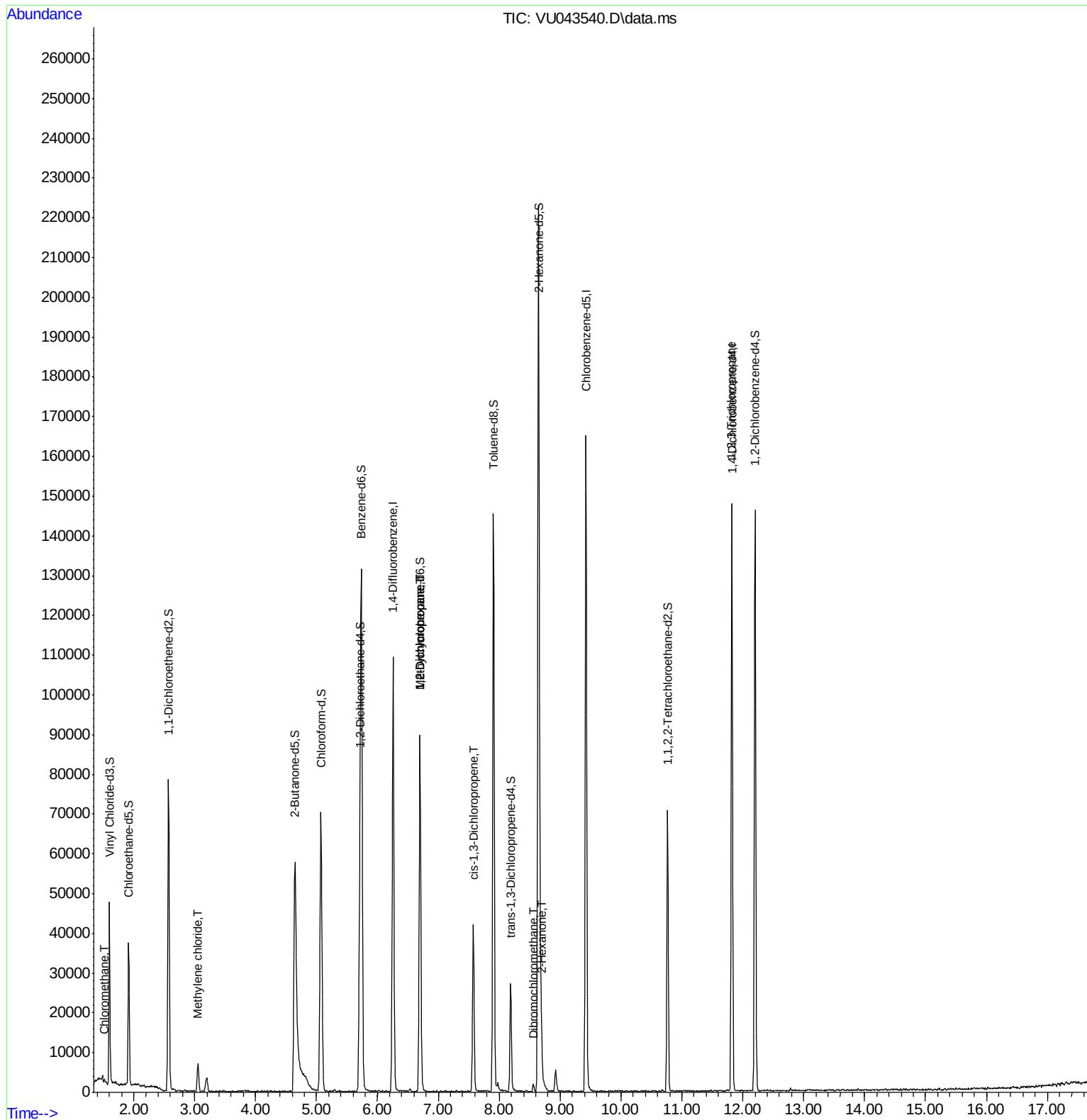
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	79310	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	82908	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	35522	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30179	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.916	69	23623	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.572	65	14975	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	4.645	46	105310	53.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	5.073	84	61557	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.713	65	39244	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.739	84	109786	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.700	67	39636	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.906	98	88877	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	8.189	79	13855	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.645	63	72044	54.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33042	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	34249	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%
Target Compounds						
3) Chloromethane	1.520	50	604	0.11	ug/L	89
16) Methylene chloride	3.054	84	2870	0.40	ug/L	95
35) Methylcyclohexane	6.700	83	8566	1.19	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4793	0.74	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1026	0.12	ug/L #	74
48) 2-Hexanone	8.693	43	4892	1.24	ug/L #	76
49) Dibromochloromethane	8.558	129	381	0.07	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	4368	1.22	ug/L #	63

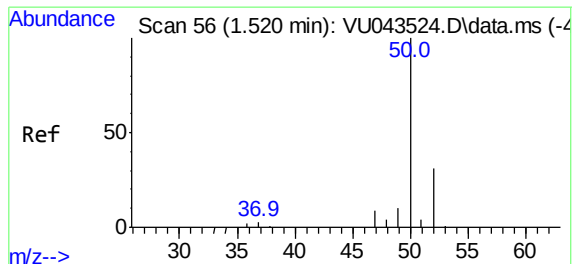
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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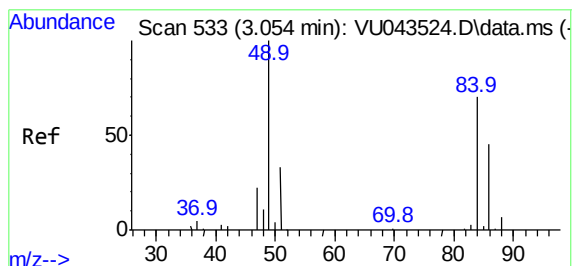
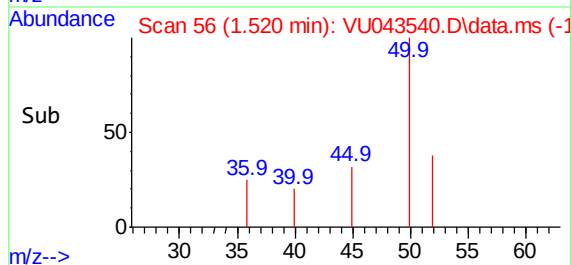
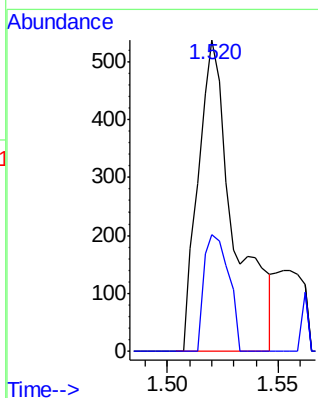
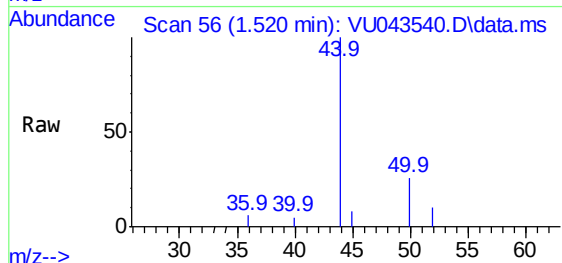




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043540.D
Acq: 04 May 2021 23:25

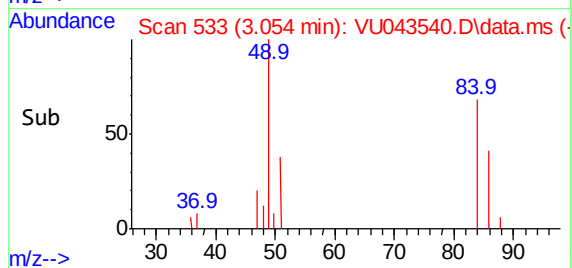
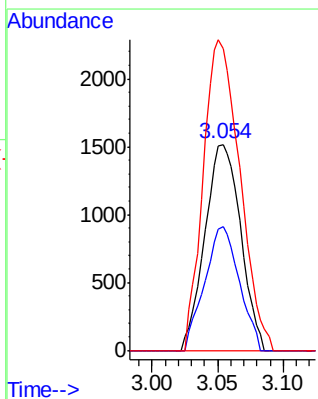
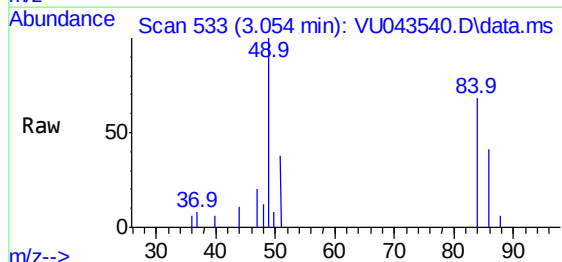
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MSVOA_U
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VHBLK001

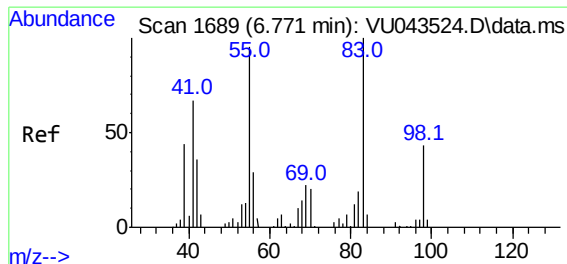
Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 37.5 22.1 41.1



#16
Methylene chloride
Concen: 0.40 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043540.D
Acq: 04 May 2021 23:25

Tgt Ion: 84 Resp: 2870
Ion Ratio Lower Upper
84 100
86 59.9 45.6 84.6
49 158.1 107.0 198.8

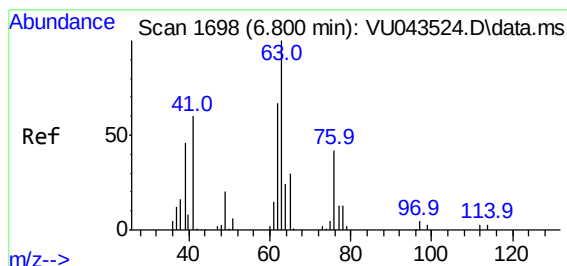
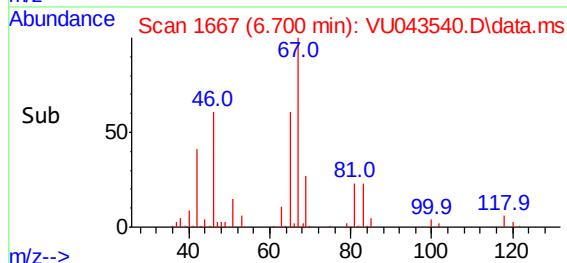
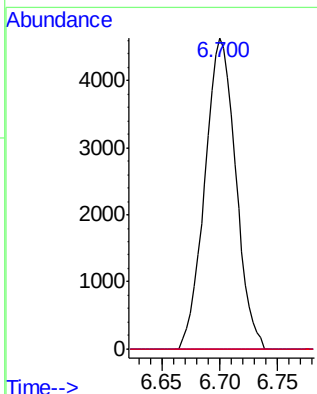
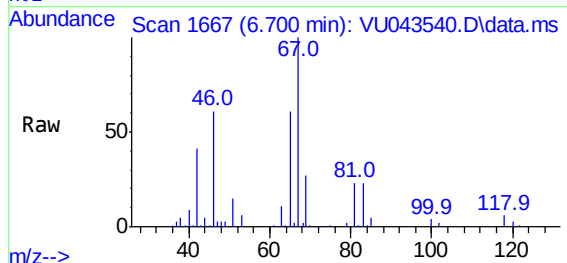




#35
Methylcyclohexane
Concen: 1.19 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043540.D
Acq: 04 May 2021 23:25

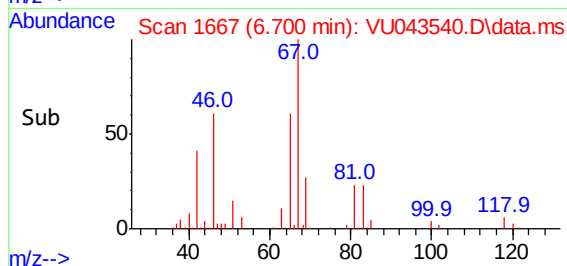
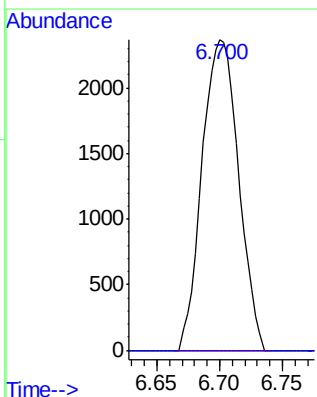
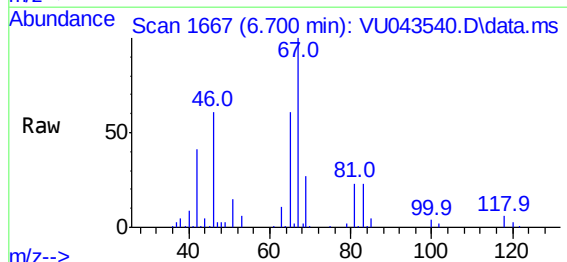
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

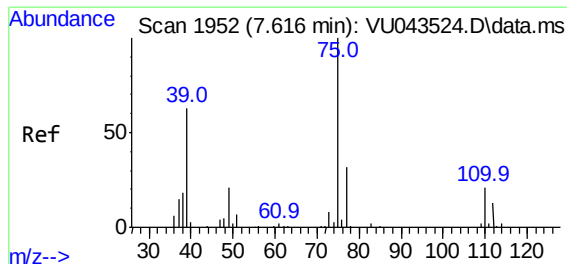
Tgt Ion: 83 Resp: 8566
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043540.D
Acq: 04 May 2021 23:25

Tgt Ion: 63 Resp: 4793
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

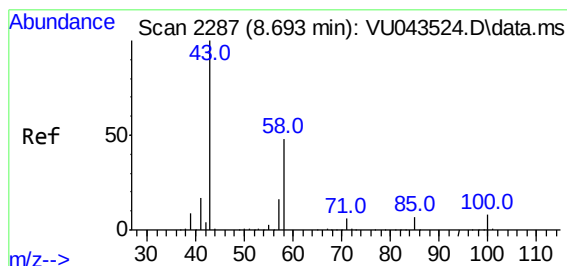
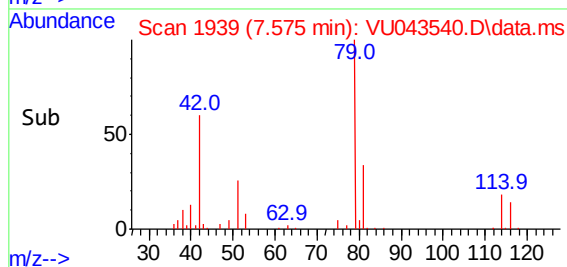
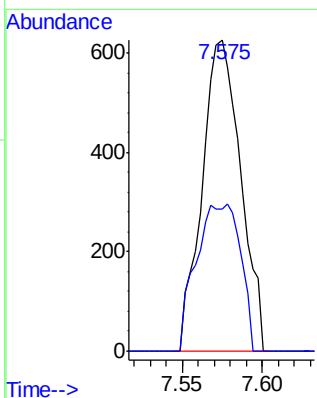
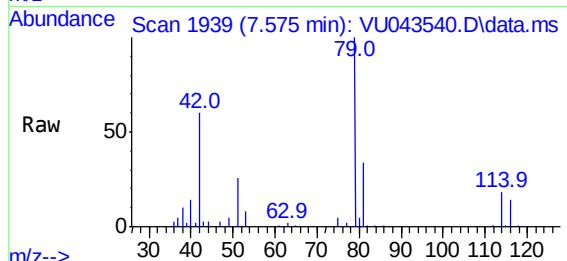




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043540.D
Acq: 04 May 2021 23:25

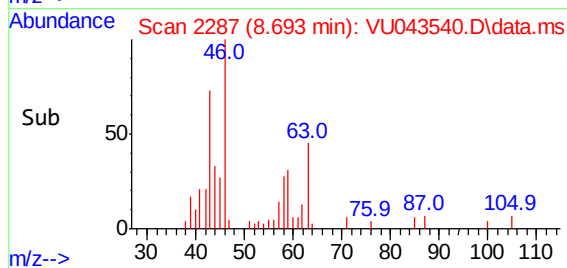
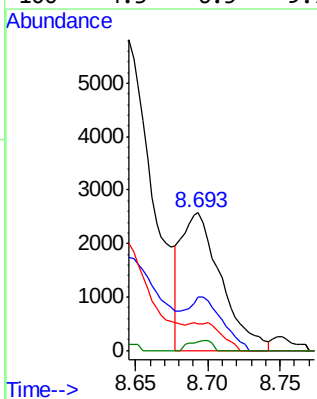
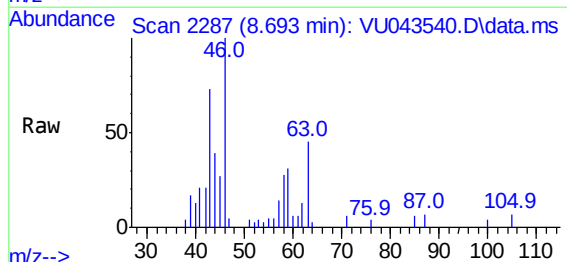
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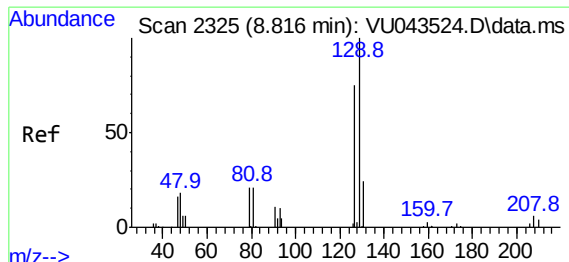
Tgt Ion: 75 Resp: 1026
Ion Ratio Lower Upper
75 100
77 45.6 21.9 40.7#



#48
2-Hexanone
Concen: 1.24 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043540.D
Acq: 04 May 2021 23:25

Tgt Ion: 43 Resp: 4892
Ion Ratio Lower Upper
43 100
58 31.6 36.8 55.2#
57 0.0 13.2 19.8#
100 4.3 6.5 9.7#

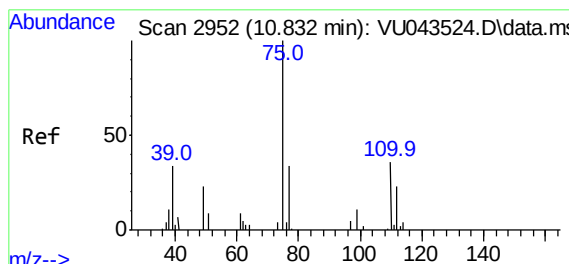
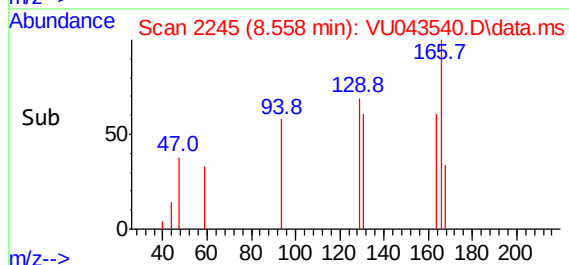
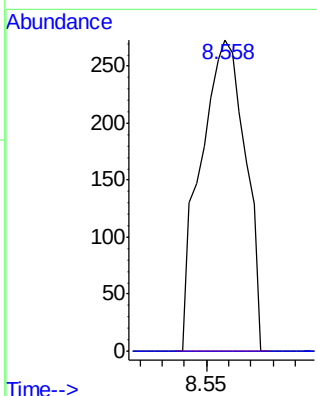
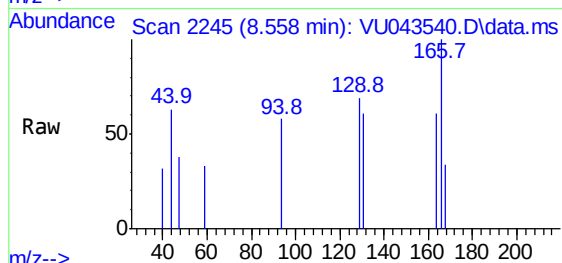




#49
 Dibromochloromethane
 Concen: 0.07 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. -0.257 min
 Lab File: VU043540.D
 Acq: 04 May 2021 23:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion:129 Resp: 381
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.22 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043540.D
 Acq: 04 May 2021 23:25

Tgt Ion: 75 Resp: 4368
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 42.8#
 77 38.0 25.7 38.5

