

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042581.D
 Acq On : 11 Mar 2021 22:43
 Operator : SY/MD
 Sample : VU0312WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK24

Quant Time: Mar 12 02:43:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

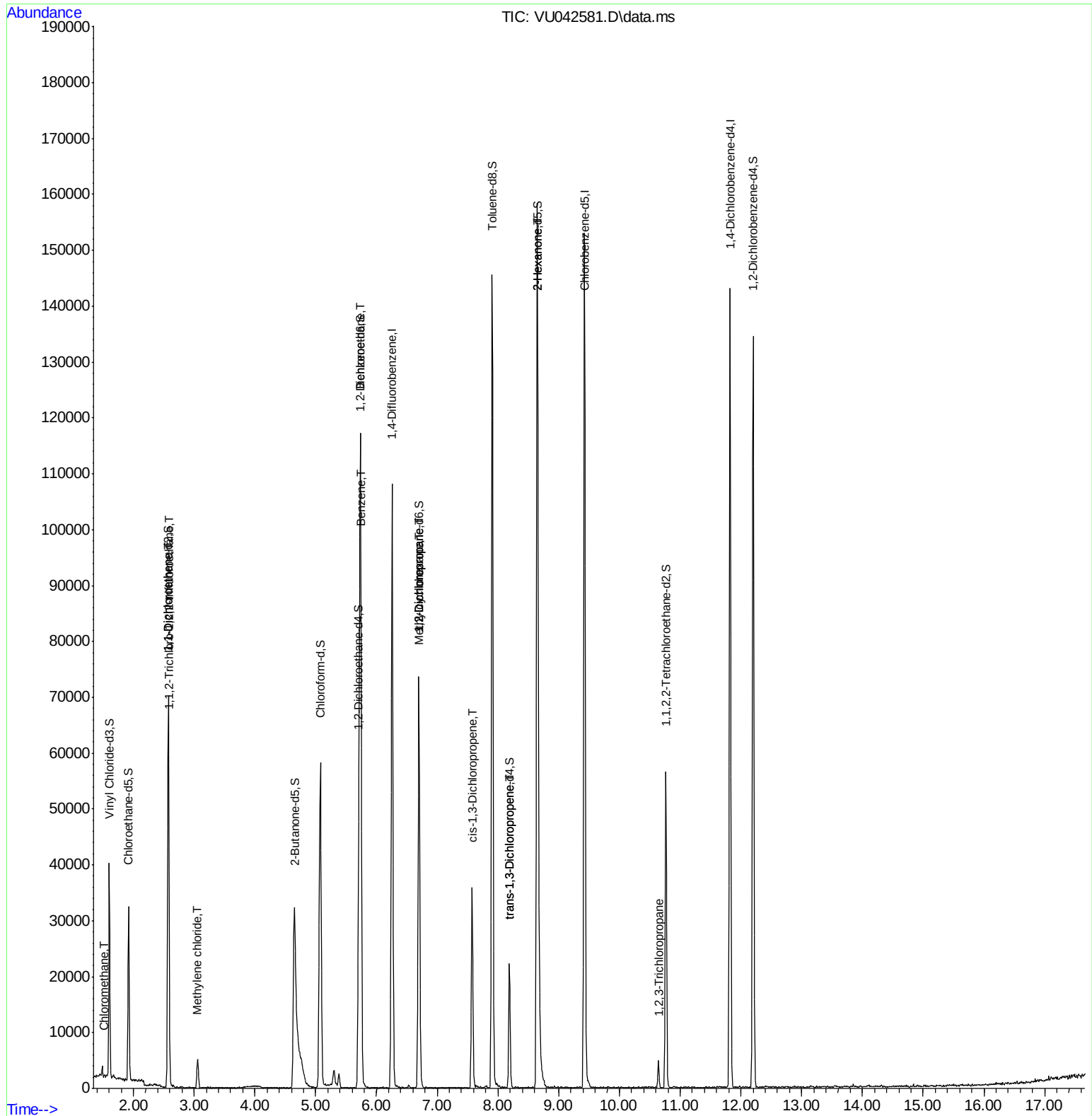
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	81118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	36764	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25646	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.922	69	20736	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.575	63	43603	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.652	46	77622	43.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.00%
24) Chloroform-d	5.076	84	51251	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.710	65	35912	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.735	84	93987	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	30851	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	91469	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.189	79	11764	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.648	63	60013	41.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.64%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25513	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	34151	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						
3) Chloromethane	1.520	50	385	0.05	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	326	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	330	0.06	ug/L #	1
16) Methylene chloride	3.057	84	2382	0.34	ug/L	96
27) 1,2-Dichloroethane	5.739	62	750	0.08	ug/L #	75
33) Benzene	5.745	78	725	0.03	ug/L	100
35) Methylcyclohexane	6.703	83	7103	0.66	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3927	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	979	0.10	ug/L #	76
44) trans-1,3-Dichloropropene	8.189	75	485	0.05	ug/L #	81
48) 2-Hexanone	8.645	43	8770	1.99	ug/L #	70
59) 1,2,3-Trichloropropane	10.642	75	999	0.19	ug/L #	42

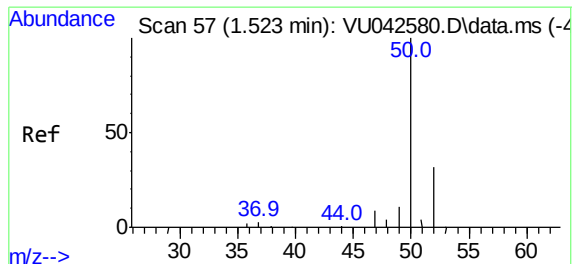
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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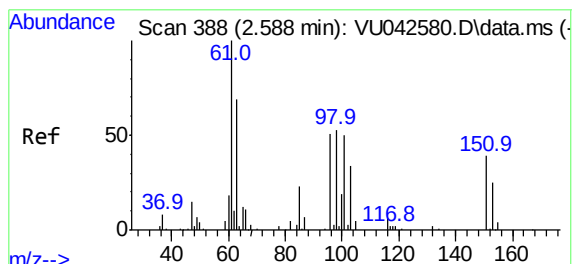
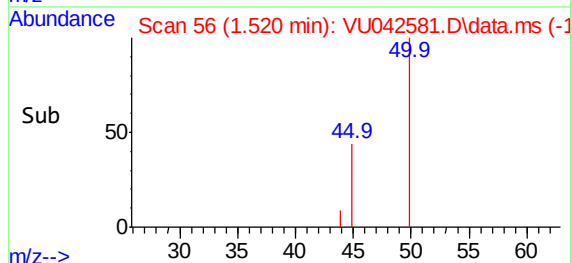
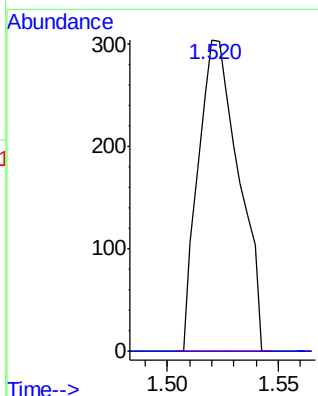
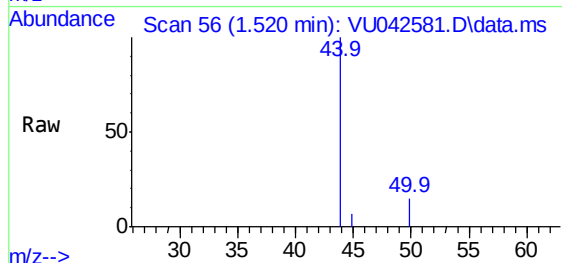




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

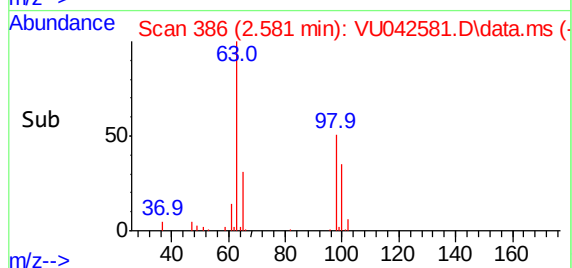
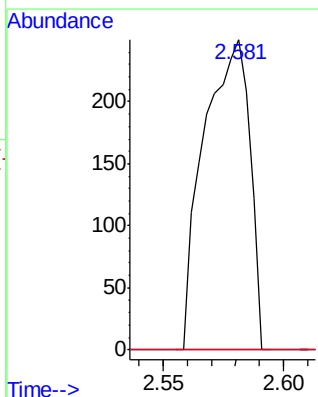
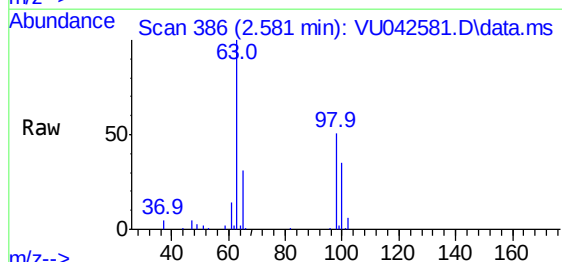
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

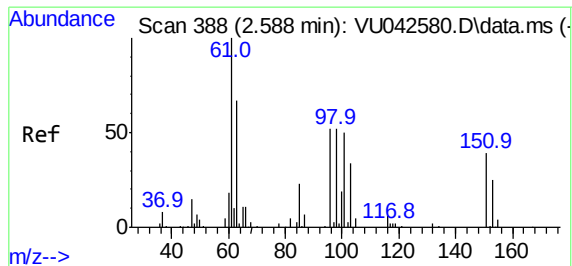
Tgt Ion: 50 Resp: 385
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

Tgt Ion:101 Resp: 326
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

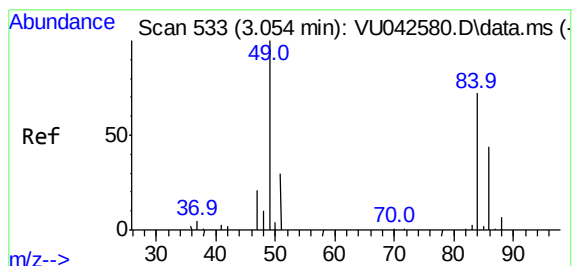
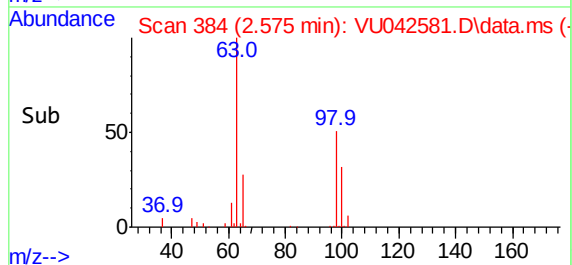
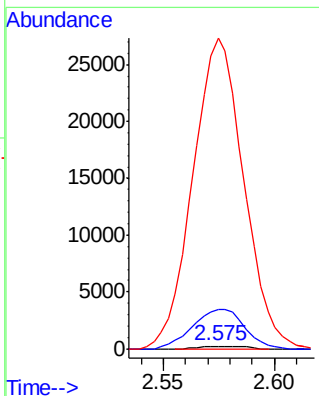
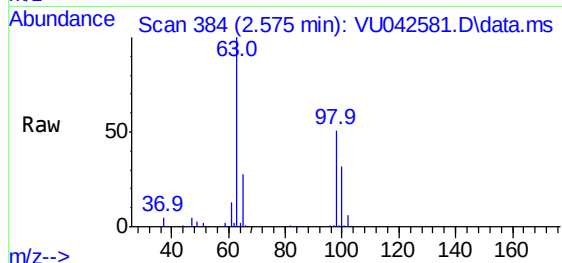




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

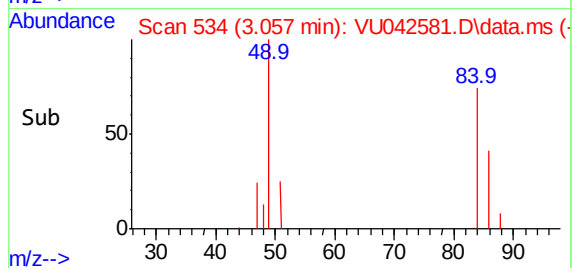
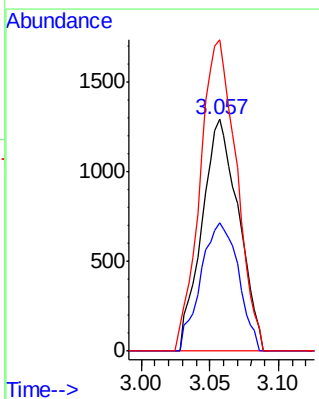
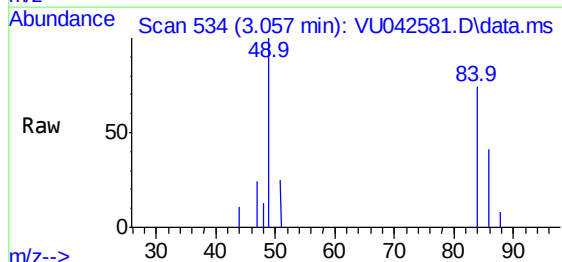
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

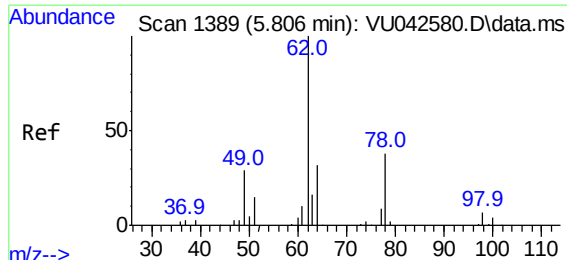
Tgt Ion: 96 Resp: 330
Ion Ratio Lower Upper
96 100
61 1408.2 126.2 234.4#
63 11200.0 77.8 144.4#



#16
Methylene chloride
Concen: 0.34 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

Tgt Ion: 84 Resp: 2382
Ion Ratio Lower Upper
84 100
86 55.2 44.1 81.9
49 134.4 95.0 176.4

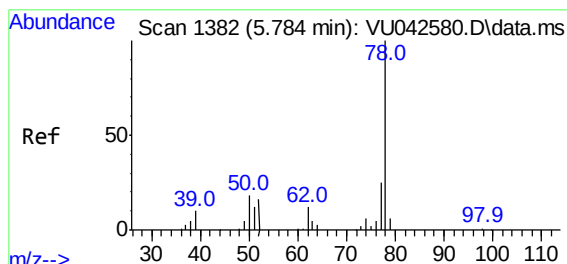
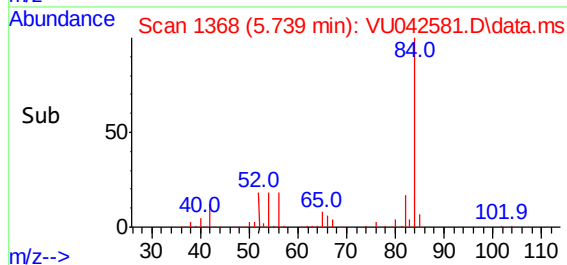
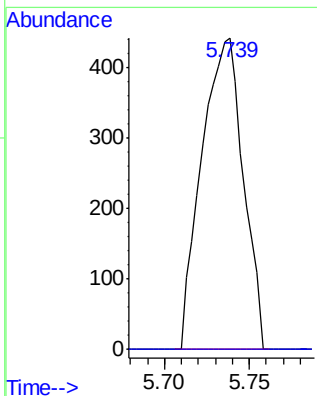
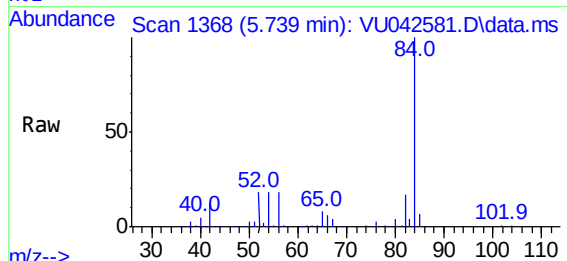




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

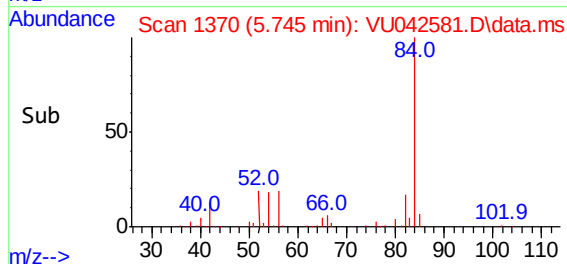
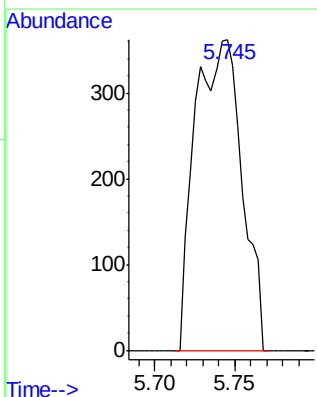
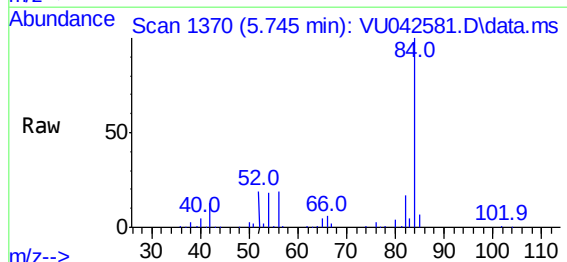
Instrument :
MSVOA_U
ClientSampleId :
VBLK24

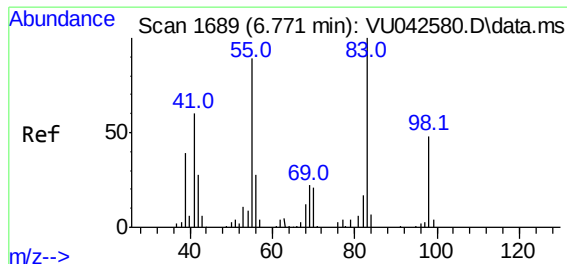
Tgt Ion: 62 Resp: 750
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.039 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

Tgt Ion: 78 Resp: 725

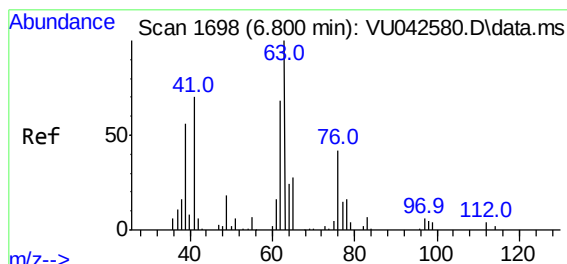
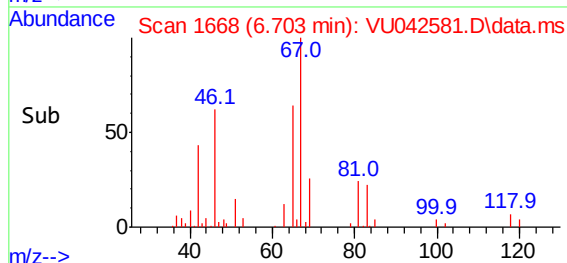
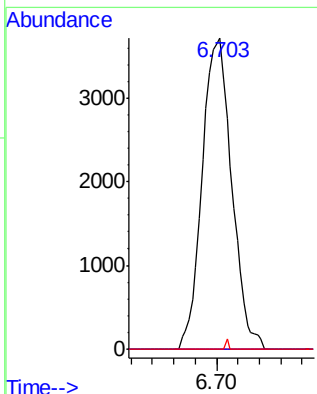
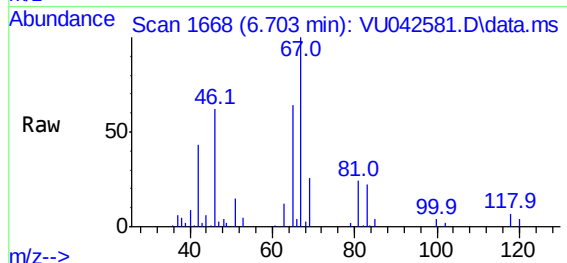




#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

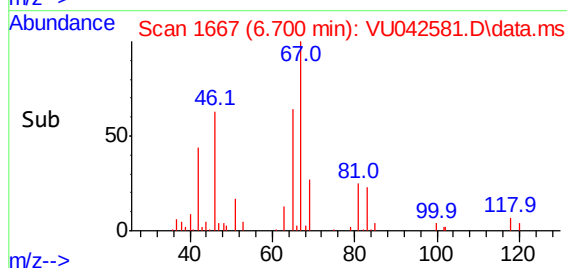
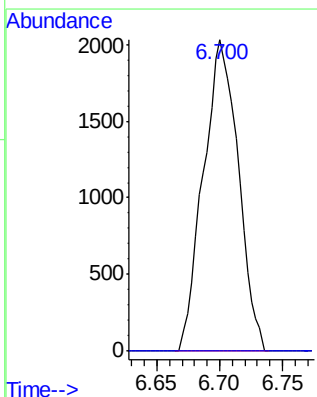
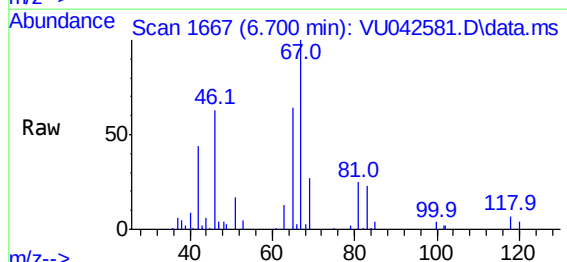
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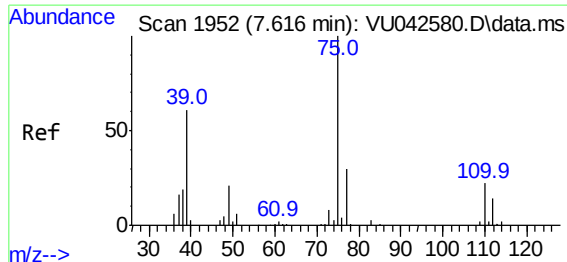
Tgt Ion: 83 Resp: 7103
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.3 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

Tgt Ion: 63 Resp: 3927
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

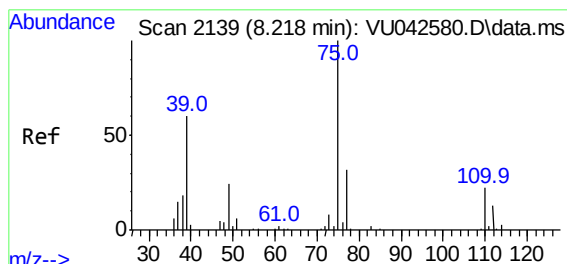
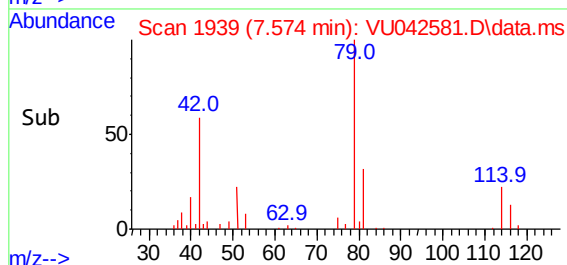
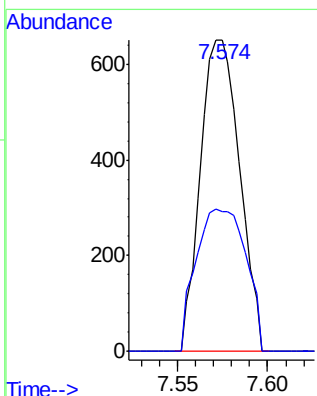
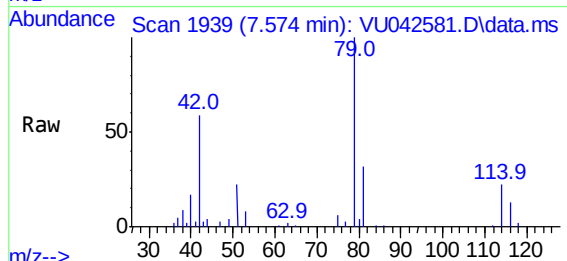




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

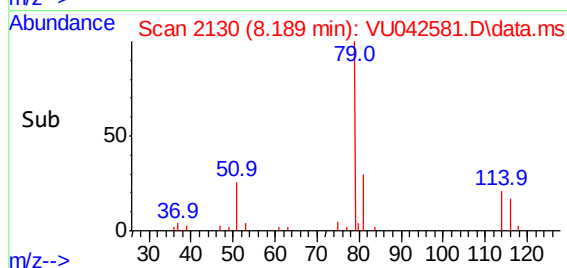
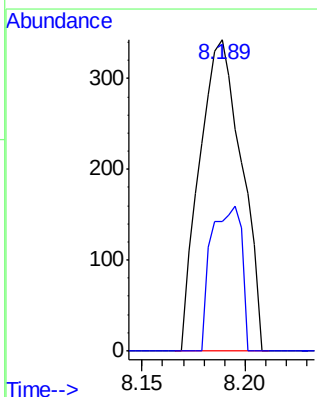
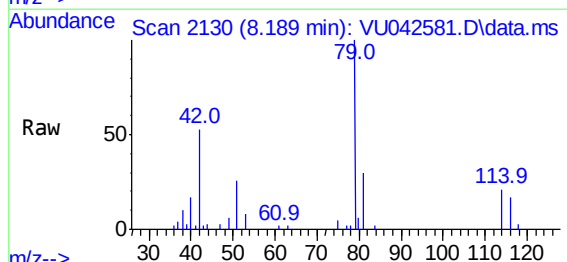
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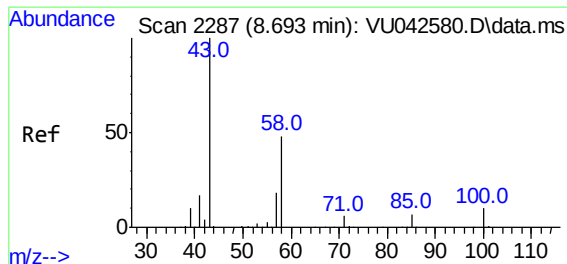
Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
77 44.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

Tgt Ion: 75 Resp: 485
Ion Ratio Lower Upper
75 100
77 41.7 21.8 40.4#

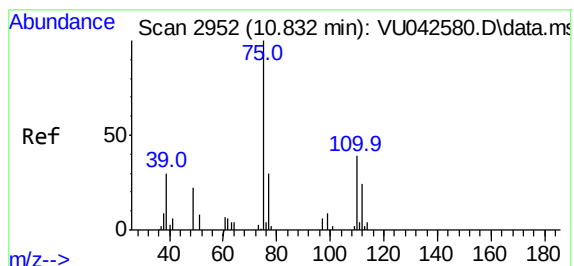
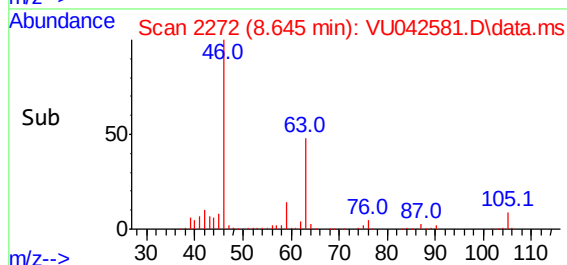
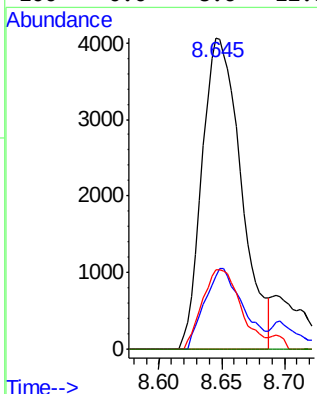
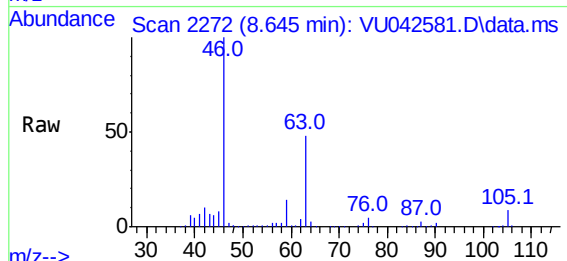




#48
2-Hexanone
Concen: 1.99 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

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Tgt Ion: 43 Resp: 8770
Ion Ratio Lower Upper
43 100
58 25.6 40.6 61.0#
57 25.3 14.9 22.3#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.19 ug/L
RT: 10.642 min Scan# 2893
Delta R.T. -0.190 min
Lab File: VU042581.D
Acq: 11 Mar 2021 22:43

Tgt Ion: 75 Resp: 999
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

