

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043519.D
 Acq On : 04 May 2021 14:35
 Operator : SY/MD
 Sample : M2195-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J2

Quant Time: May 05 04:57:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

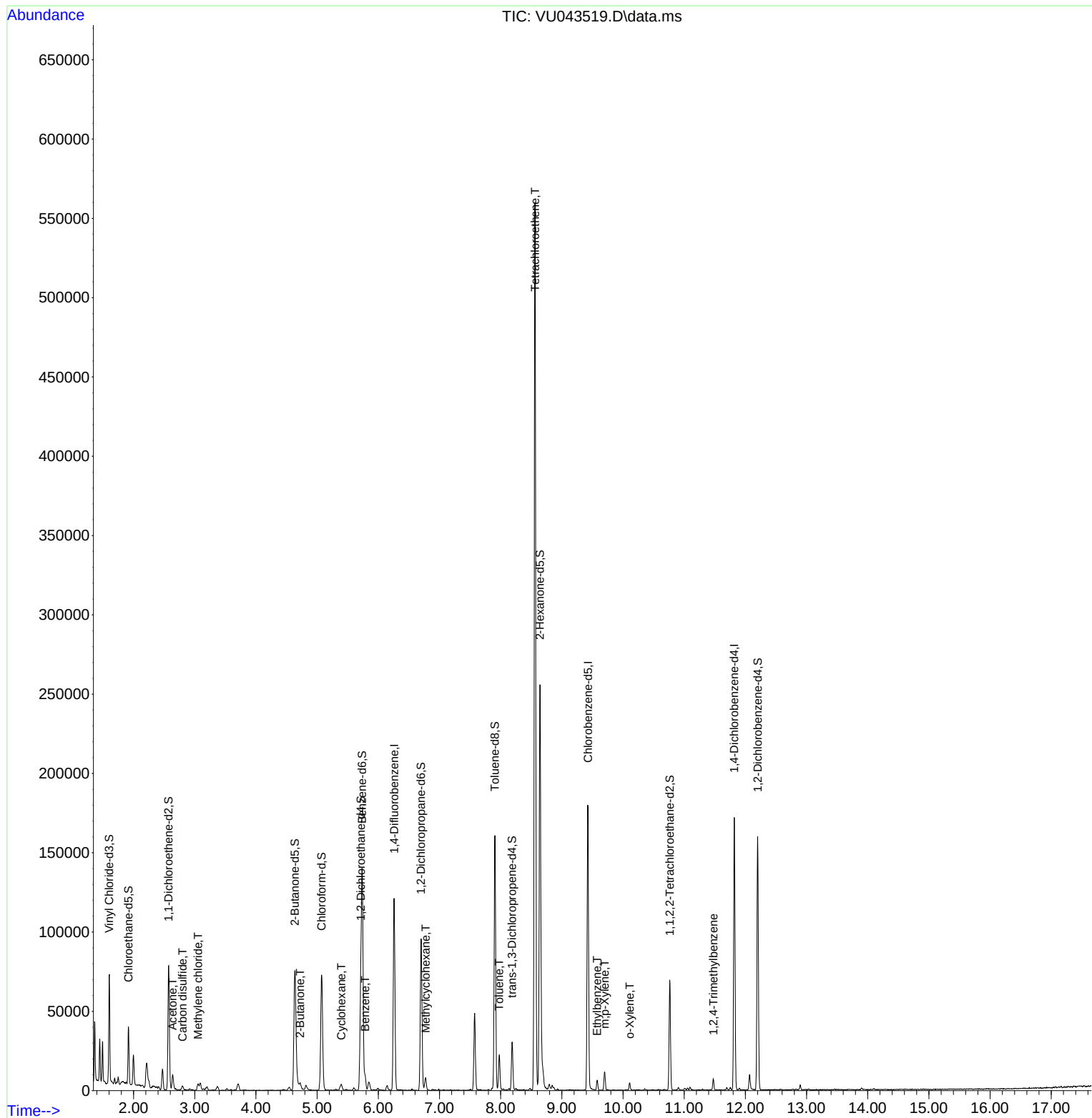
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87075	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89418	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40923	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29804	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.916	69	24573	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.571	65	15196	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.636	46	114146	52.51	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.073	84	63495	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.713	65	40367	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	115665	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	41887	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	96608	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloroprop...	8.185	79	15987	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.642	63	75483	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32796	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	37332	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
13) Acetone	2.639	43	11704	8.07	ug/L	94
14) Carbon disulfide	2.800	76	2111	0.17	ug/L #	92
16) Methylene chloride	3.054	84	1406	0.18	ug/L	97
21) 2-Butanone	4.723	43	6185	2.66	ug/L	86
30) Cyclohexane	5.398	56	1517	0.18	ug/L	97
33) Benzene	5.787	78	7318	0.31	ug/L	100
35) Methylcyclohexane	6.774	83	2419	0.31	ug/L	92
42) Toluene	7.976	91	14190	0.58	ug/L	95
47) Tetrachloroethene	8.562	164	114998	25.95	ug/L	97
52) Ethylbenzene	9.578	91	4589	0.18	ug/L	96
53) m,p-Xylene	9.703	106	2938	0.31	ug/L	97
54) o-Xylene	10.108	106	985	0.11	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	3323	0.19	ug/L	95

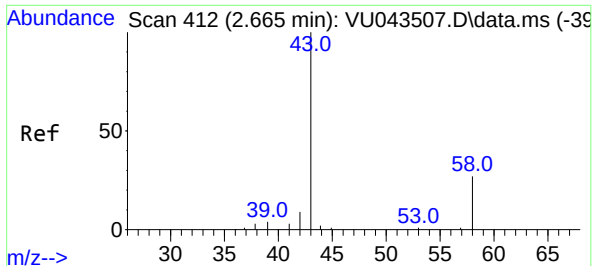
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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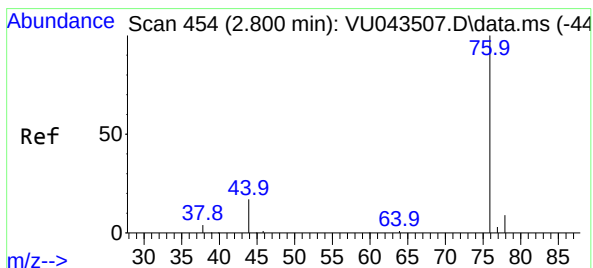
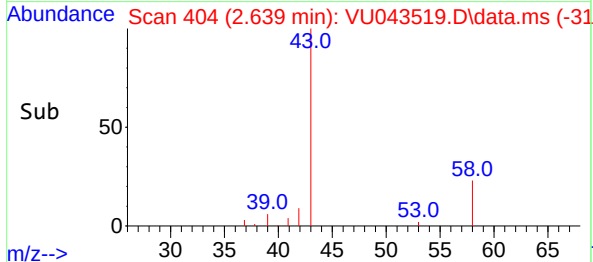
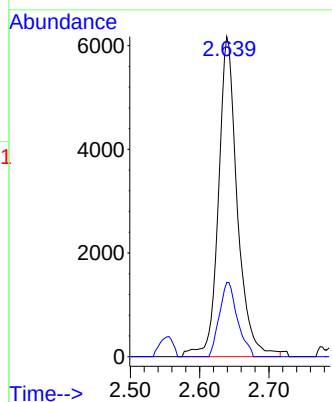
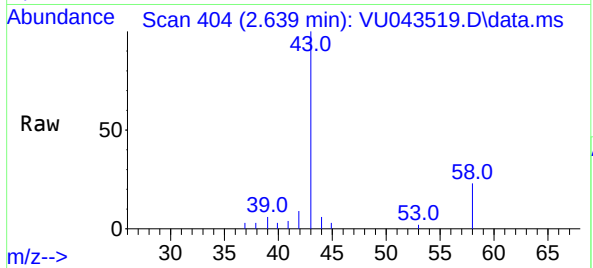




#13
Acetone
Concen: 8.07 ug/L
RT: 2.639 min Scan# 404
Delta R.T. -0.026 min
Lab File: VU043519.D
Acq: 04 May 2021 14:35

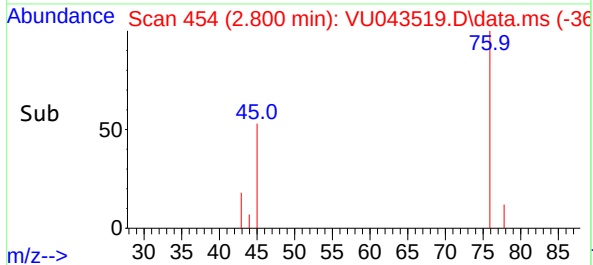
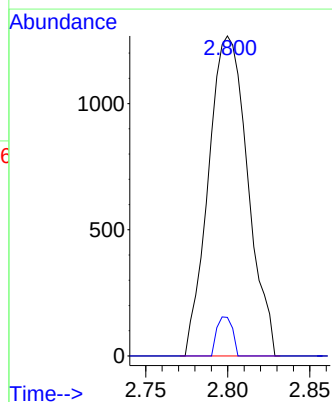
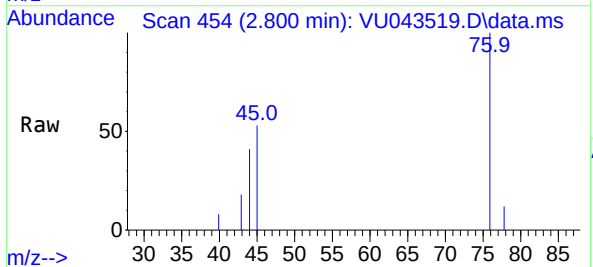
Instrument :
MSVOA_U
ClientSampled :
GB3J2

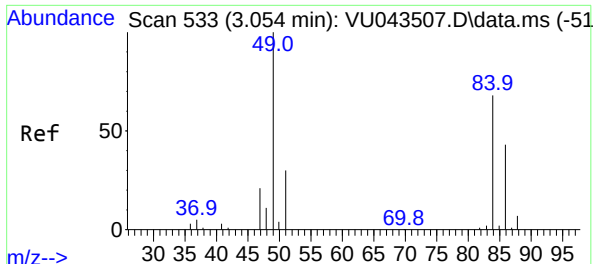
Tgt Ion: 43 Resp: 11704
Ion Ratio Lower Upper
43 100
58 22.1 0.0 50.8



#14
Carbon disulfide
Concen: 0.17 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043519.D
Acq: 04 May 2021 14:35

Tgt Ion: 76 Resp: 2111
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.2#





#16

Methylene chloride

Concen: 0.18 ug/L

RT: 3.054 min Scan# 533

Delta R.T. -0.000 min

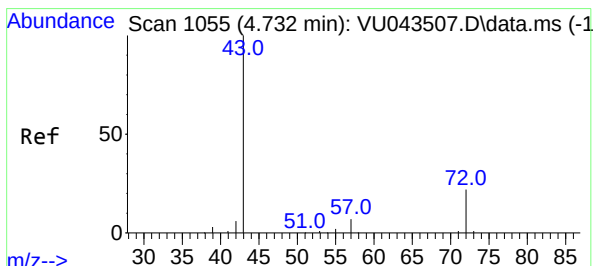
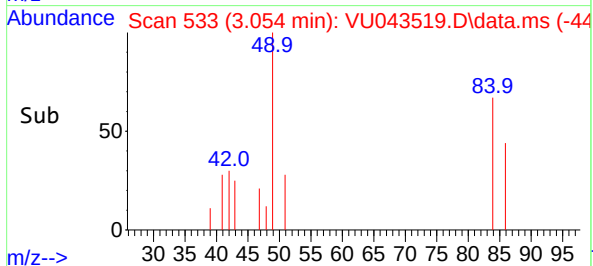
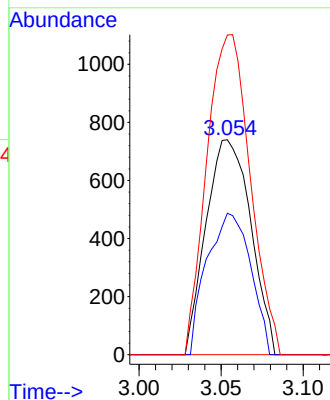
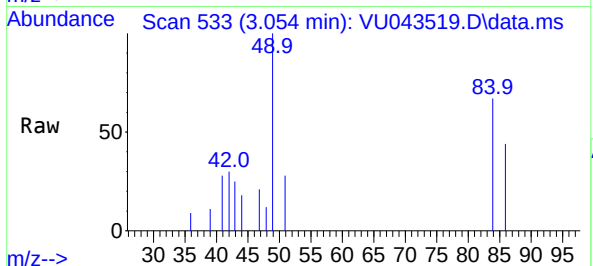
Lab File: VU043519.D

Acq: 04 May 2021 14:35

Instrument :
MSVOA_U
ClientSampleId :
GB3J2

Tgt Ion: 84 Resp: 1406

Ion	Ratio	Lower	Upper
84	100		
86	65.8	45.6	84.6
49	148.8	107.0	198.8



#21

2-Butanone

Concen: 2.66 ug/L

RT: 4.723 min Scan# 1052

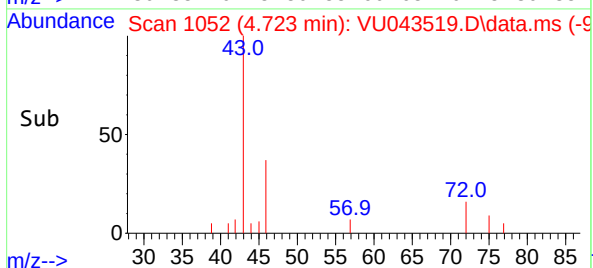
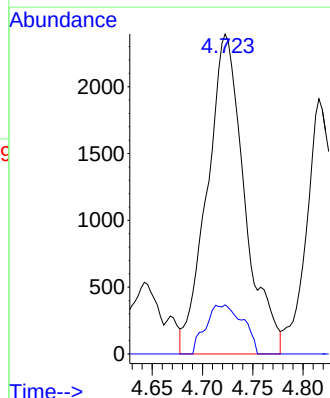
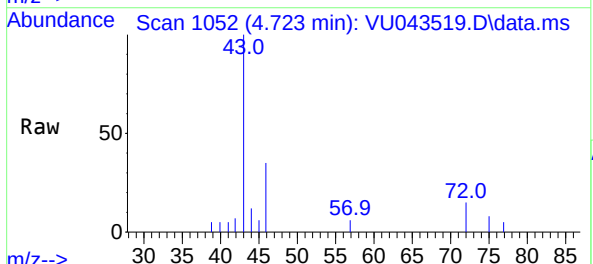
Delta R.T. -0.010 min

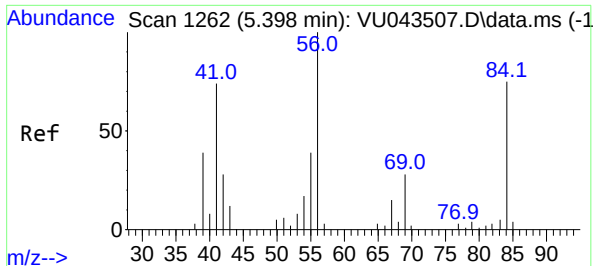
Lab File: VU043519.D

Acq: 04 May 2021 14:35

Tgt Ion: 43 Resp: 6185

Ion	Ratio	Lower	Upper
43	100		
72	15.1	10.8	32.4



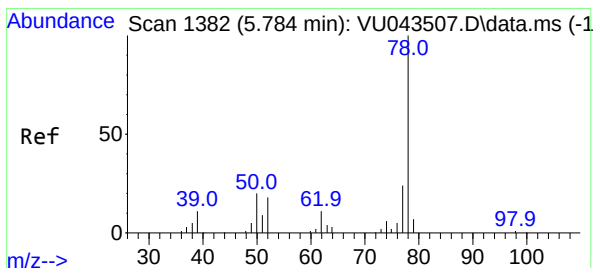
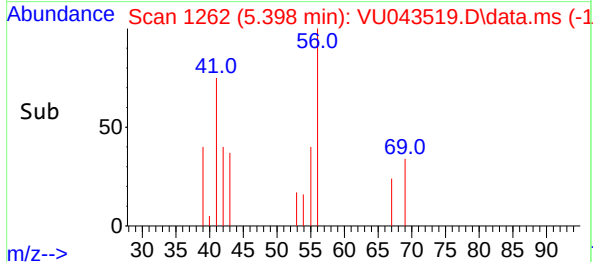
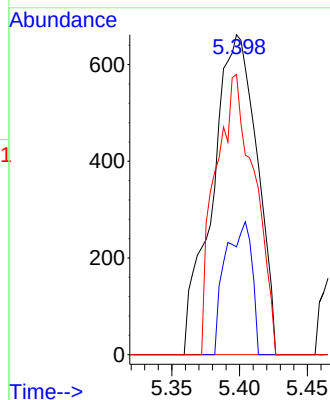
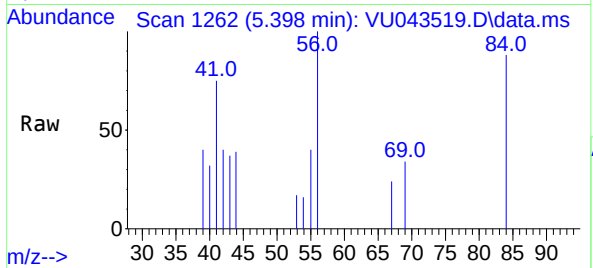


#30
Cyclohexane
Concen: 0.18 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043519.D
Acq: 04 May 2021 14:35

Instrument :
MSVOA_U
ClientSampleId :
GB3J2

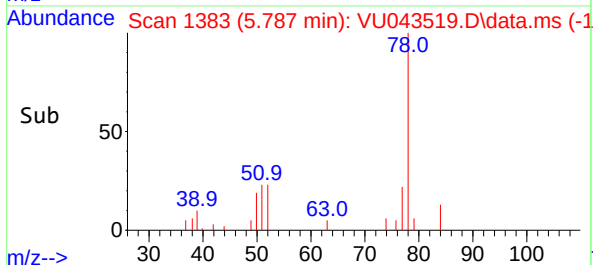
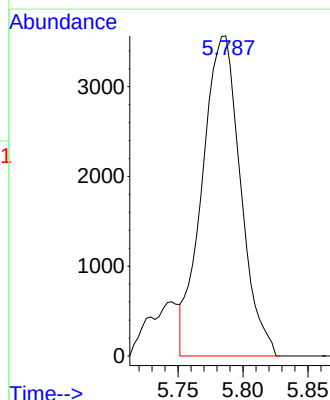
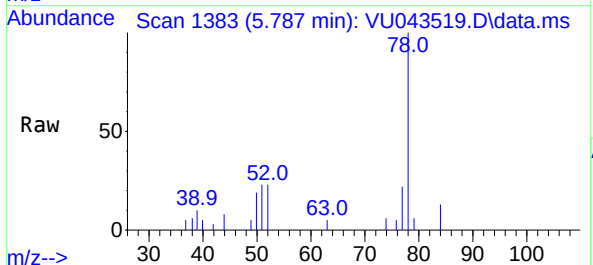
Tgt Ion: 56 Resp: 1517

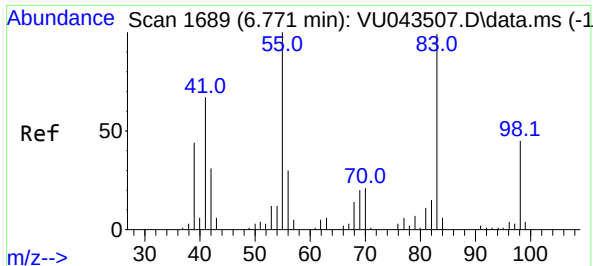
Ion	Ratio	Lower	Upper
56	100		
69	24.6	23.0	34.4
84	76.9	60.3	90.5



#33
Benzene
Concen: 0.31 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU043519.D
Acq: 04 May 2021 14:35

Tgt Ion: 78 Resp: 7318





#35

Methylcyclohexane

Concen: 0.31 ug/L

RT: 6.774 min Scan# 1690

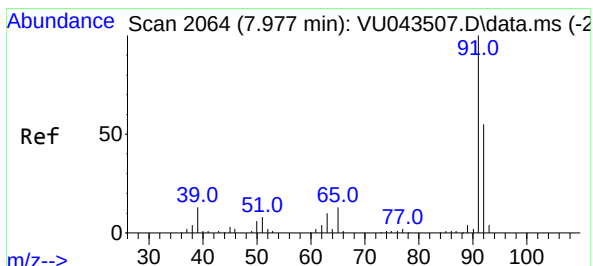
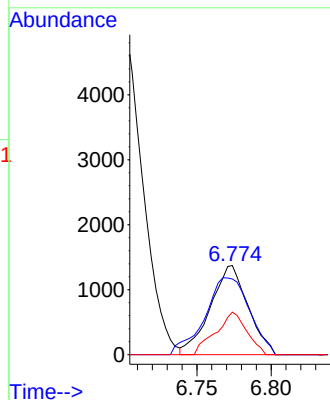
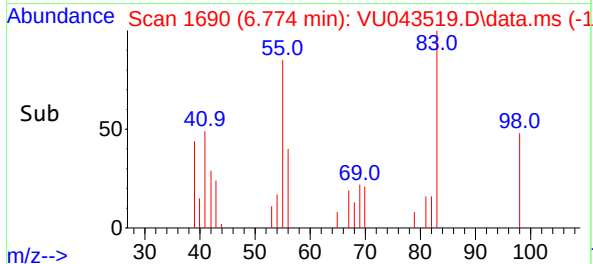
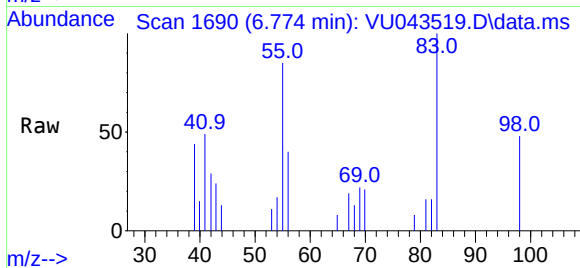
Delta R.T. 0.003 min

Lab File: VU043519.D

Acq: 04 May 2021 14:35

Tgt Ion: 83 Resp: 2419

Ion	Ratio	Lower	Upper
83	100		
55	102.3	75.8	113.8
98	39.4	35.5	53.3



#42

Toluene

Concen: 0.58 ug/L

RT: 7.976 min Scan# 2064

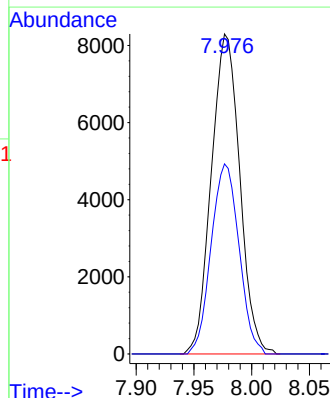
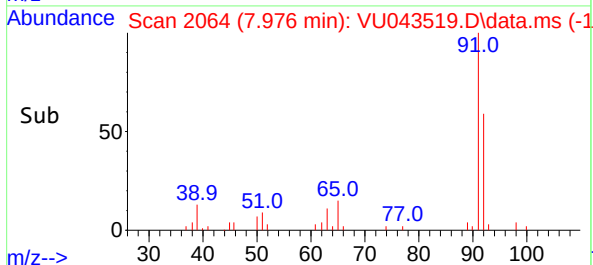
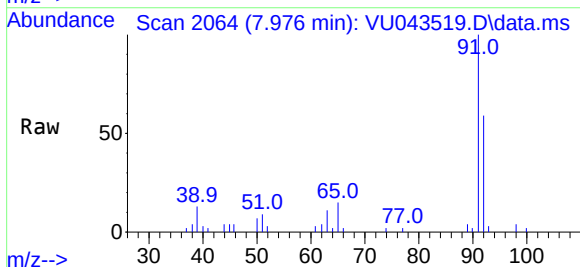
Delta R.T. -0.000 min

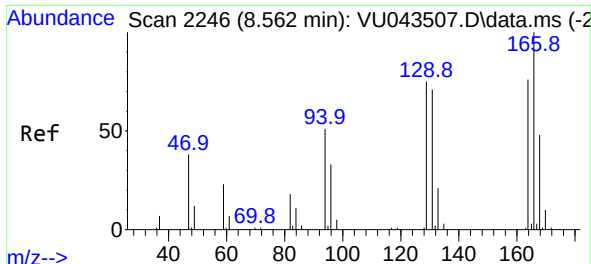
Lab File: VU043519.D

Acq: 04 May 2021 14:35

Tgt Ion: 91 Resp: 14190

Ion	Ratio	Lower	Upper
91	100		
92	59.4	39.1	72.5





#47

Tetrachloroethene

Concen: 25.95 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043519.D

Acq: 04 May 2021 14:35

Tgt Ion:164 Resp: 114998

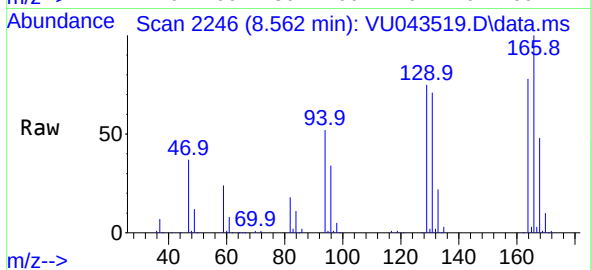
Ion Ratio Lower Upper

164 100

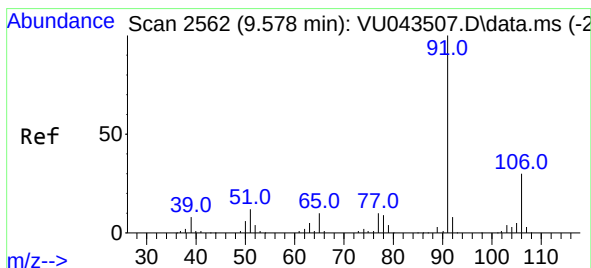
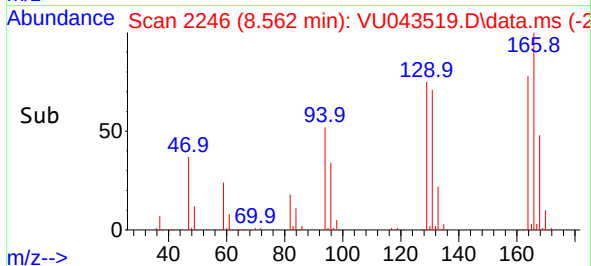
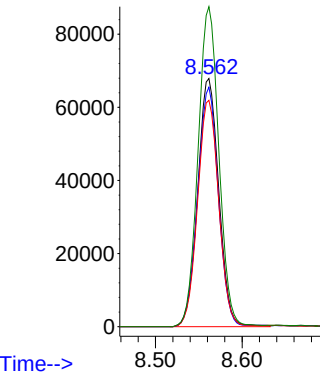
129 96.5 62.5 116.1

131 91.2 64.9 120.5

166 128.9 89.0 165.2



Abundance



#52

Ethylbenzene

Concen: 0.18 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043519.D

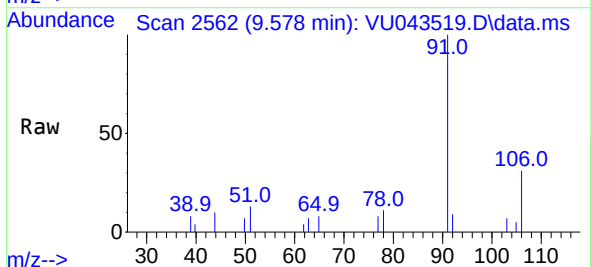
Acq: 04 May 2021 14:35

Tgt Ion: 91 Resp: 4589

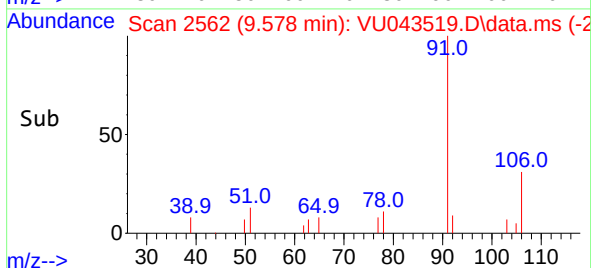
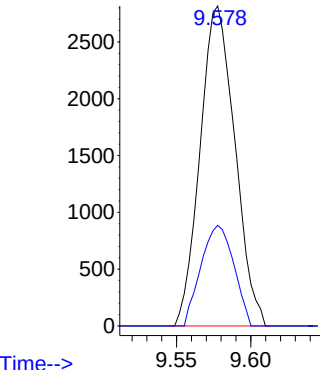
Ion Ratio Lower Upper

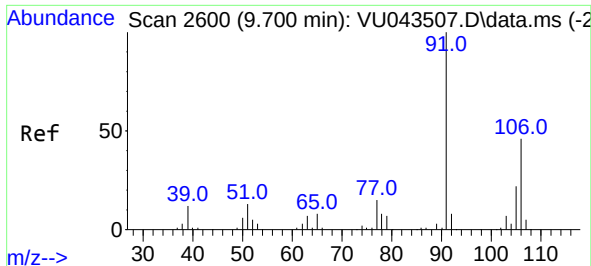
91 100

106 31.5 20.5 38.1



Abundance

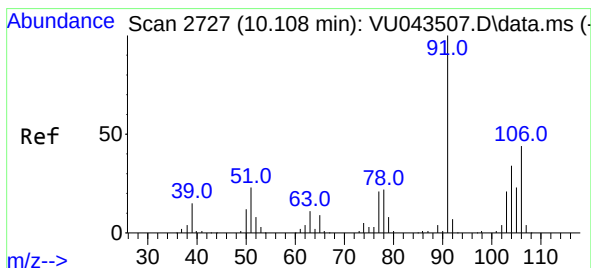
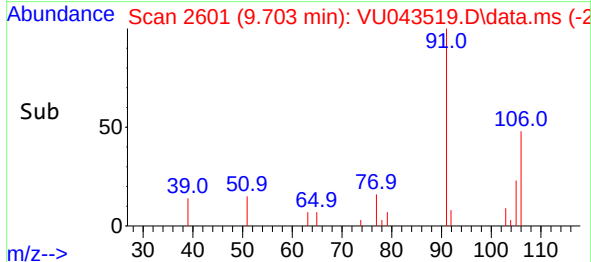
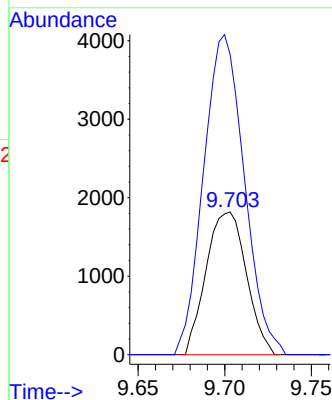
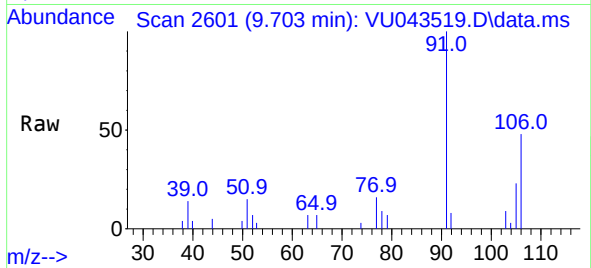




#53
m,p-Xylene
Concen: 0.31 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043519.D
Acq: 04 May 2021 14:35

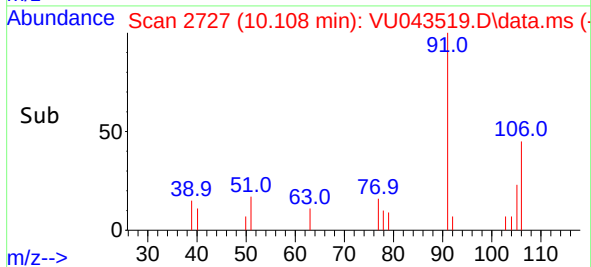
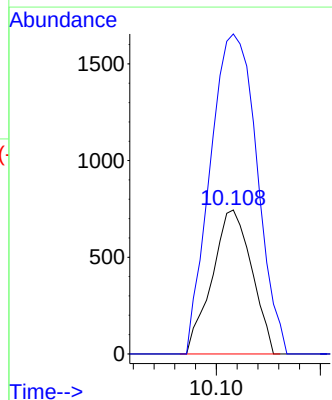
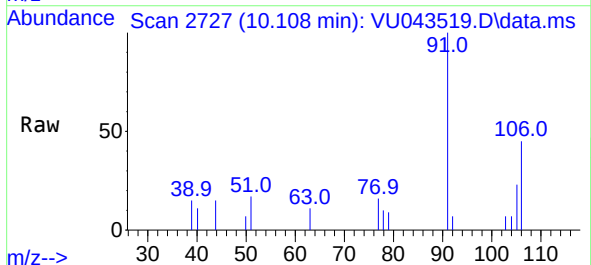
Instrument :
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ClientSampleId :
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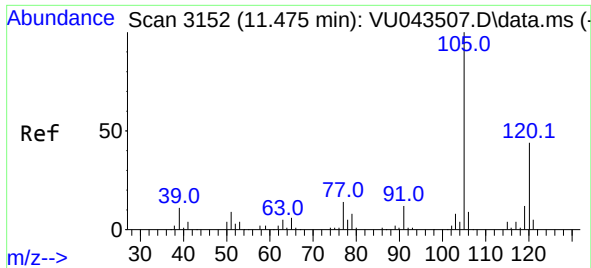
Tgt Ion:106 Resp: 2938
Ion Ratio Lower Upper
106 100
91 210.2 150.3 279.1



#54
o-Xylene
Concen: 0.11 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043519.D
Acq: 04 May 2021 14:35

Tgt Ion:106 Resp: 985
Ion Ratio Lower Upper
106 100
91 222.1 157.3 292.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.19 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VU043519.D
 Acq: 04 May 2021 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3J2

Tgt Ion:105 Resp: 3323
 Ion Ratio Lower Upper
 105 100
 120 47.5 35.4 53.0

