

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043517.D
 Acq On : 04 May 2021 13:23
 Operator : SY/MD
 Sample : M2195-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H9

Quant Time: May 05 04:55:53 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	6.256	114	94266	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	93662	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42720	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31628	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.916	69	26692	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.572	65	15988	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.636	46	122199	51.93	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	5.073	84	66631	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.710	65	42437	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.735	84	123792	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.697	67	42735	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	103274	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.185	79	16469	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.642	63	75616	50.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34468	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	38995	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	911	0.14	ug/L	95
13) Acetone	2.646	43	6917	4.41	ug/L	94
14) Carbon disulfide	2.800	76	1514	0.11	ug/L #	74
15) Methyl Acetate	3.047	43	535	0.15	ug/L #	58
30) Cyclohexane	5.401	56	1703	0.19	ug/L #	53
33) Benzene	5.784	78	4842	0.20	ug/L	100
34) Trichloroethene	6.549	95	447	0.07	ug/L #	63
35) Methylcyclohexane	6.768	83	2208	0.27	ug/L #	88
37) 1,2-Dichloropropane	6.700	63	4777	0.65	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1295	0.13	ug/L #	50
42) Toluene	7.976	91	11257	0.44	ug/L	95
47) Tetrachloroethene	8.558	164	23499	5.06	ug/L	97
48) 2-Hexanone	8.694	43	5550	1.24	ug/L #	89
49) Dibromochloromethane	8.558	129	22514	3.66	ug/L #	12
52) Ethylbenzene	9.574	91	4554	0.17	ug/L	100
53) m,p-Xylene	9.700	106	2106	0.21	ug/L	91
54) o-Xylene	10.105	106	731	0.08	ug/L	84
61) 1,2,3-Trichloropropane	11.819	75	5826	1.35	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.475	105	1919	0.10	ug/L	93

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QLast Update : Wed May 05 04:50:58 2021
Response via : Initial Calibration

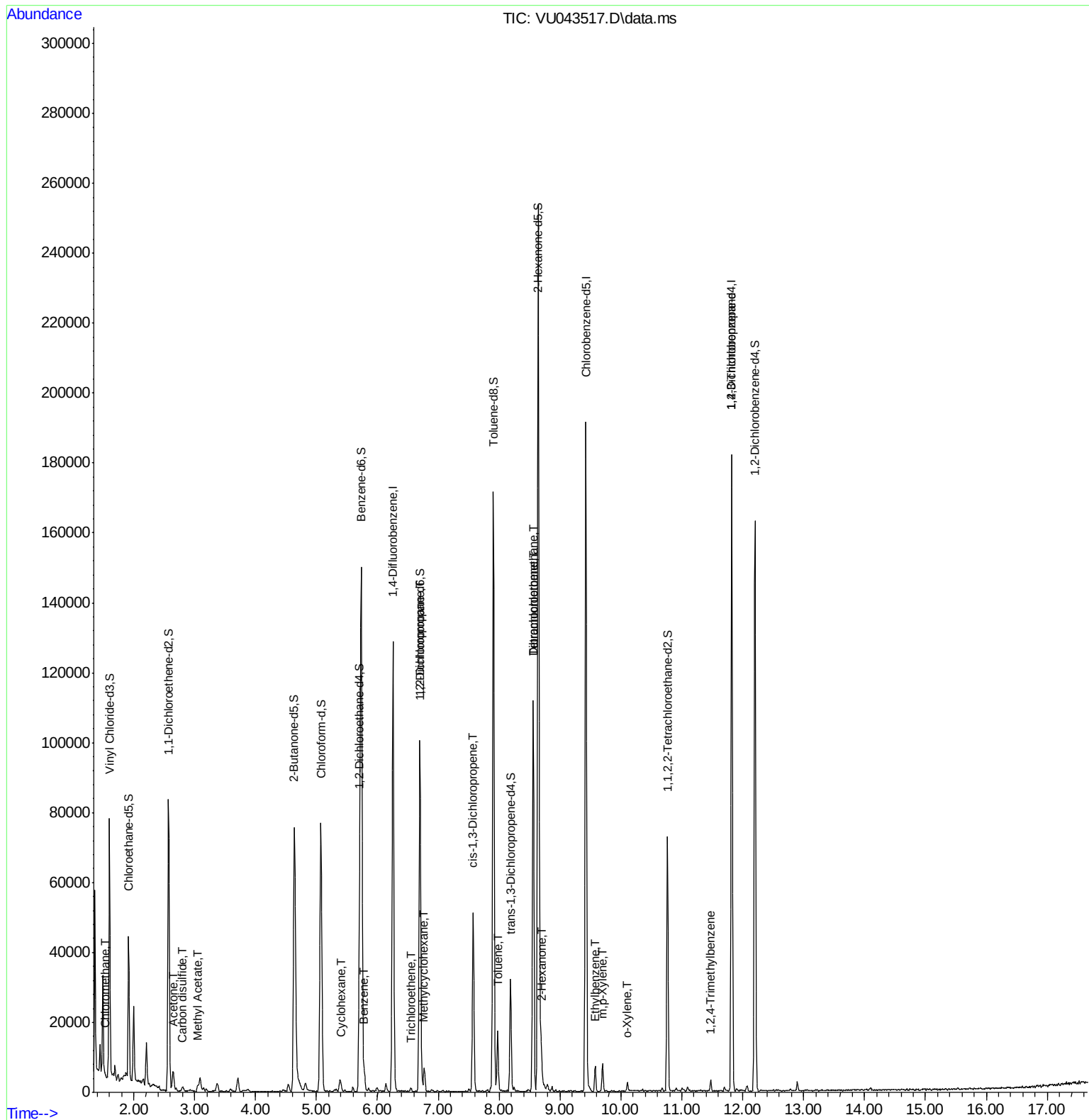
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

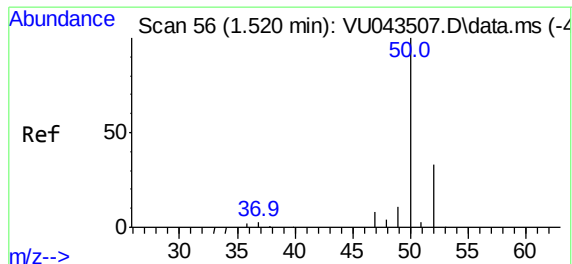
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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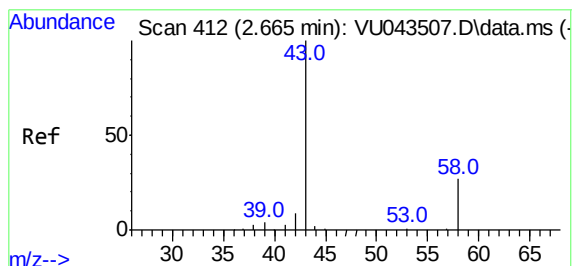
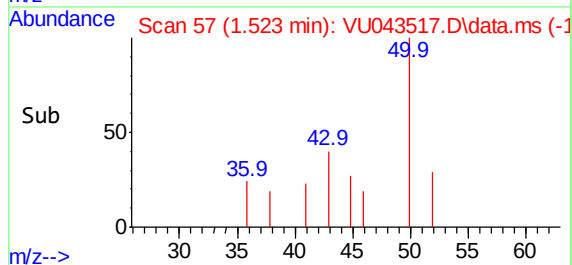
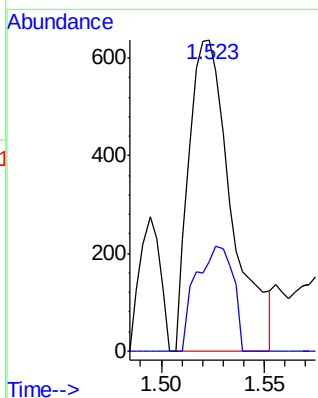
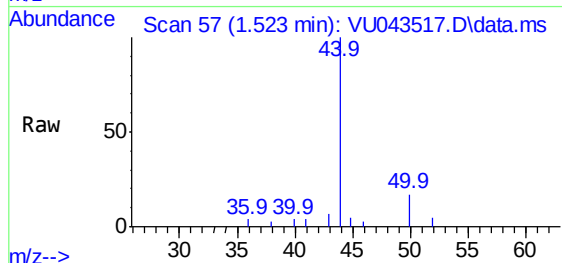




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

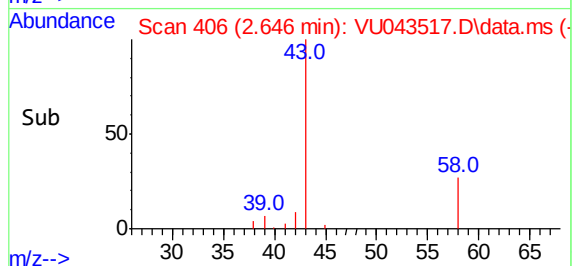
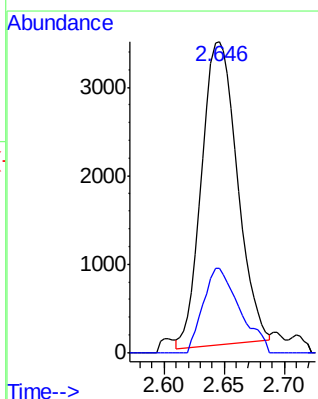
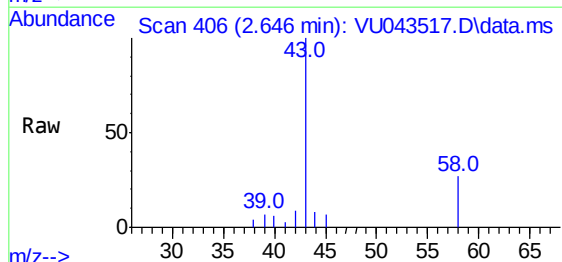
Instrument :
MSVOA_U
ClientSampled :
GB3H9

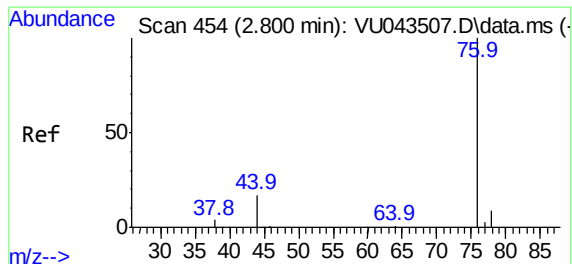
Tgt Ion: 50 Resp: 911
Ion Ratio Lower Upper
50 100
52 28.7 22.1 41.1



#13
Acetone
Concen: 4.41 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.019 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 43 Resp: 6917
Ion Ratio Lower Upper
43 100
58 28.2 0.0 50.8

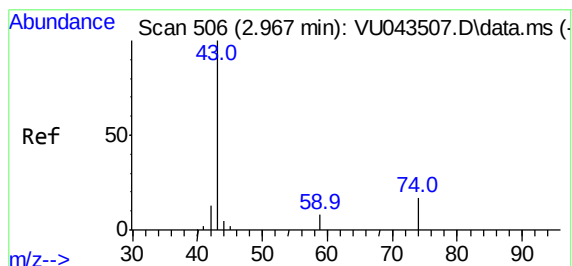
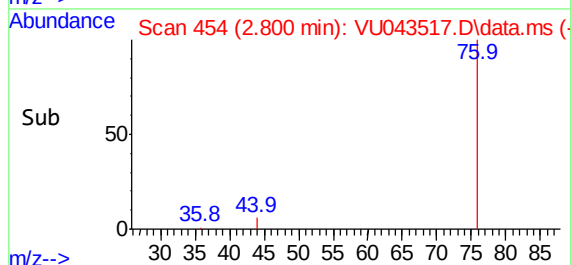
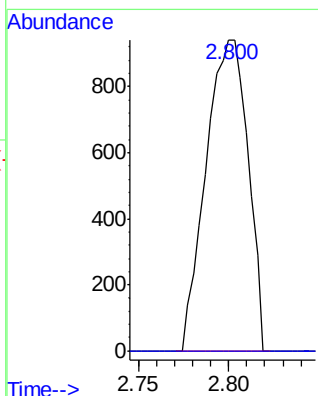
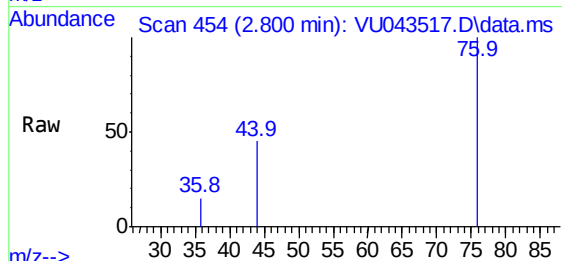




#14
Carbon disulfide
Concen: 0.11 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

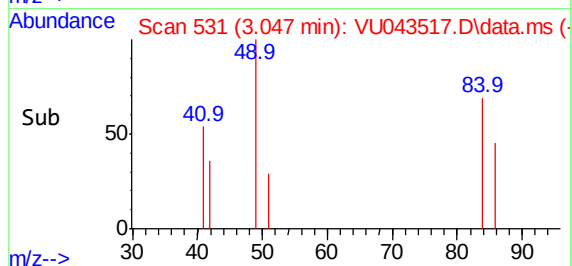
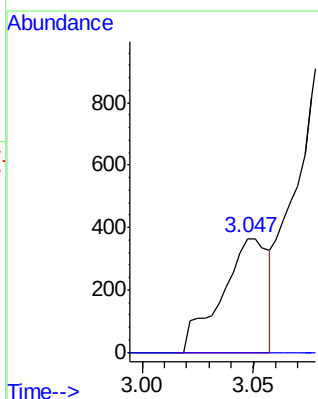
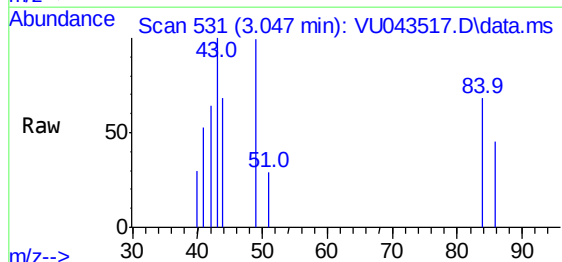
Instrument :
MSVOA_U
ClientSampled :
GB3H9

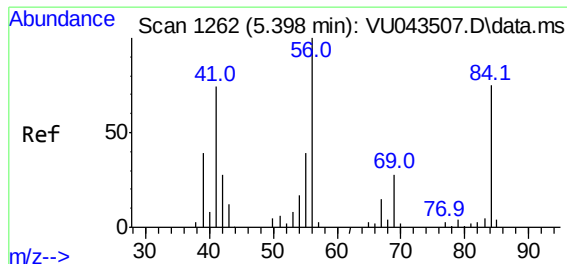
Tgt Ion: 76 Resp: 1514
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#15
Methyl Acetate
Concen: 0.15 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.080 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#

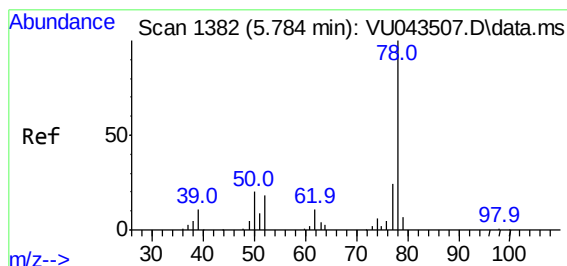
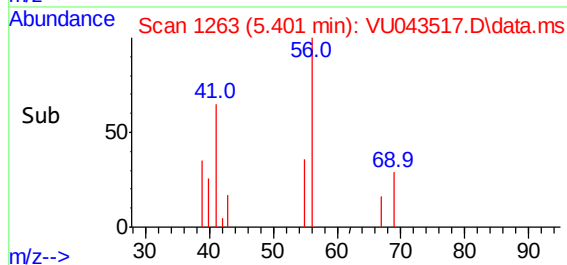
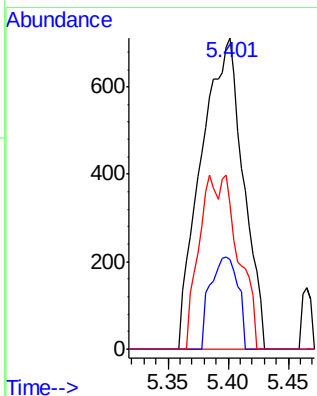
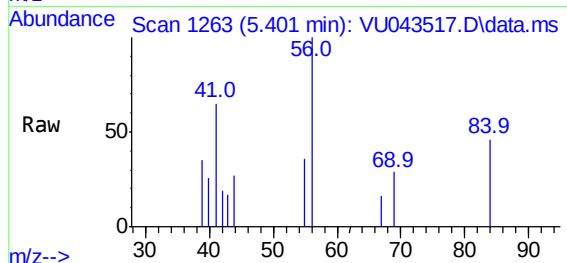




#30
Cyclohexane
Concen: 0.19 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

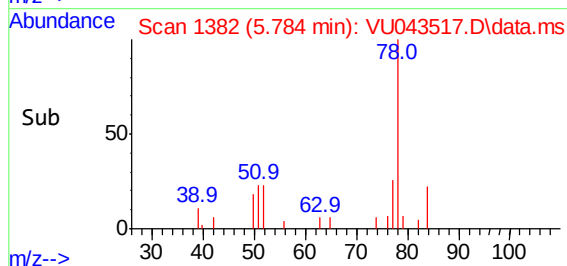
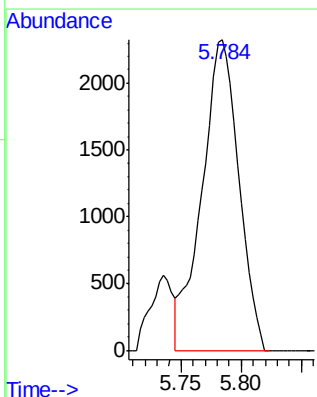
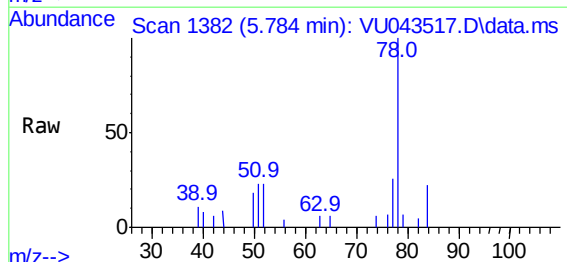
Instrument :
MSVOA_U
ClientSampleId :
GB3H9

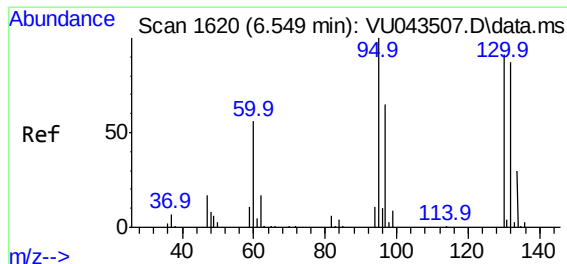
Tgt Ion: 56 Resp: 1703
Ion Ratio Lower Upper
56 100
69 19.1 23.0 34.4#
84 25.8 60.3 90.5#



#33
Benzene
Concen: 0.20 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 78 Resp: 4842

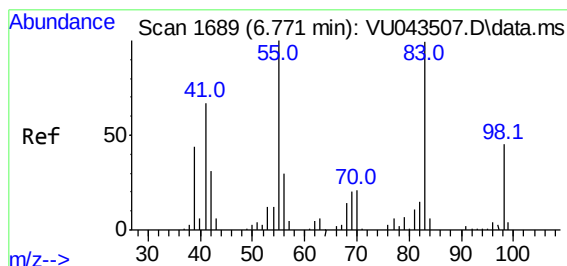
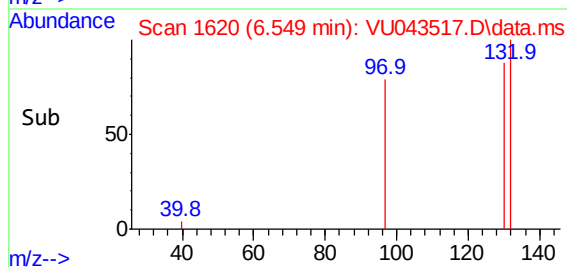
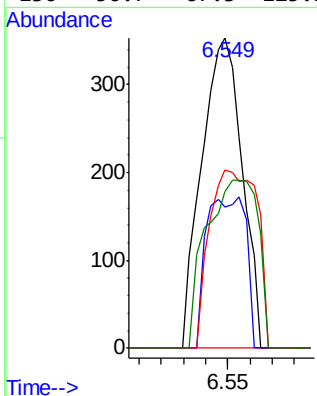
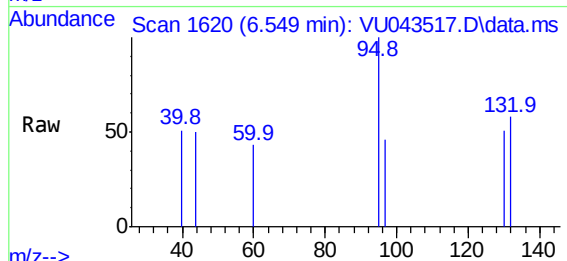




#34
Trichloroethene
Concen: 0.07 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

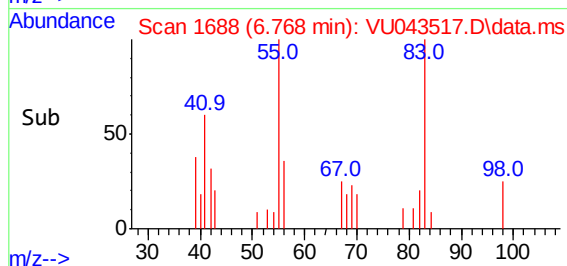
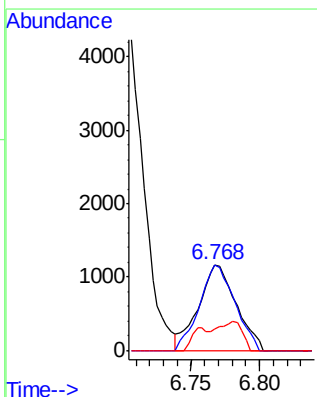
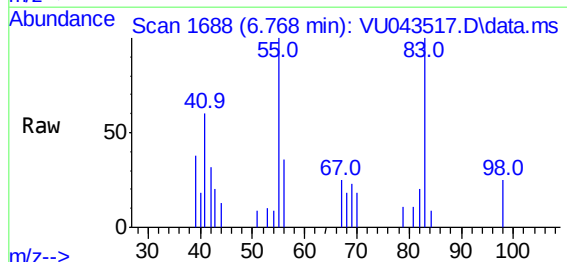
Instrument :
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ClientSampleId :
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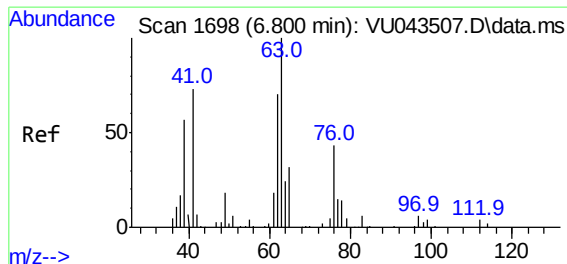
Tgt Ion: 95 Resp: 447
Ion Ratio Lower Upper
95 100
97 45.6 46.5 86.5#
132 57.5 64.1 119.1#
130 50.7 67.3 125.1#



#35
Methylcyclohexane
Concen: 0.27 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 83 Resp: 2208
Ion Ratio Lower Upper
83 100
55 93.9 75.8 113.8
98 21.8 35.5 53.3#

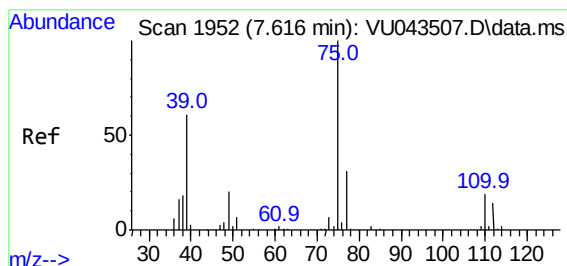
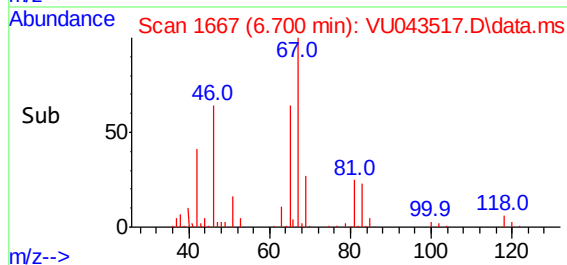
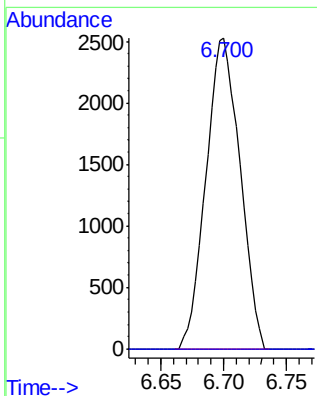
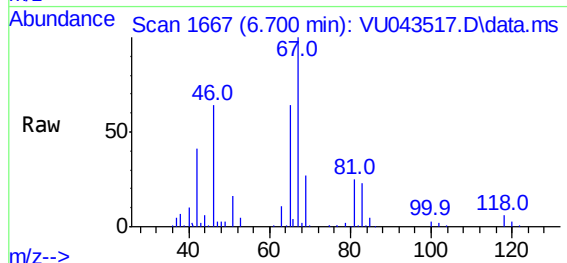




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

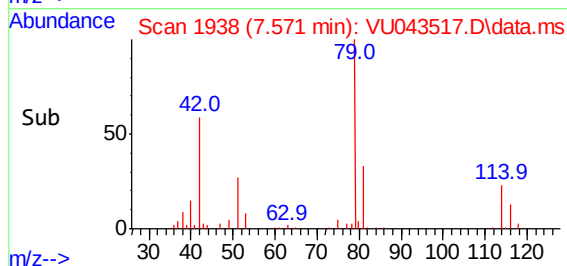
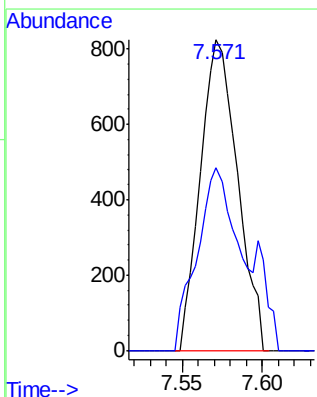
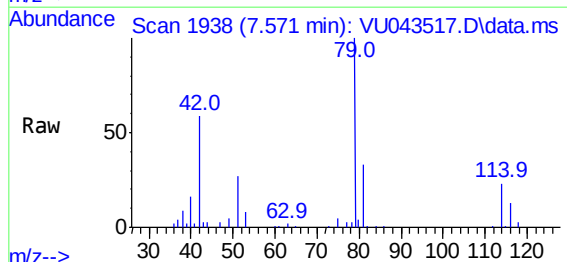
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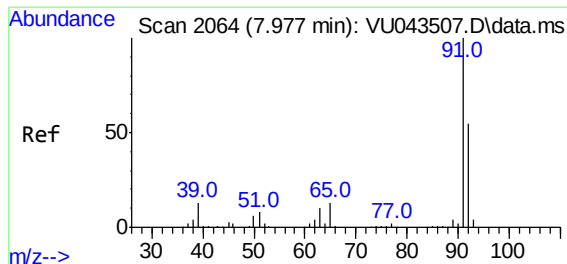
Tgt Ion: 63 Resp: 4777
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 75 Resp: 1295
Ion Ratio Lower Upper
75 100
77 58.8 21.9 40.7#

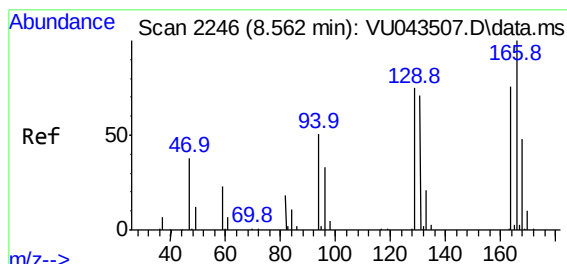
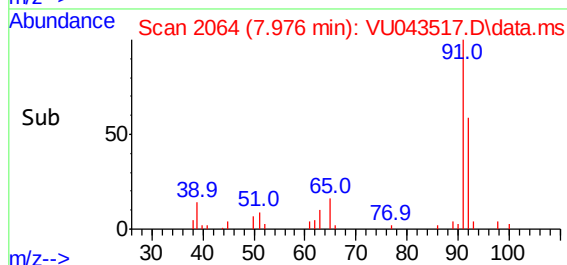
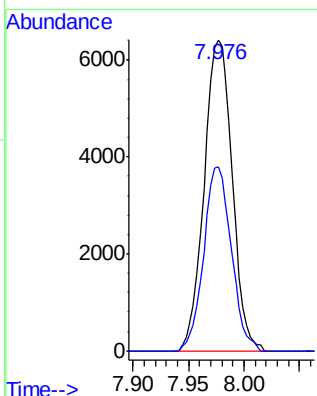
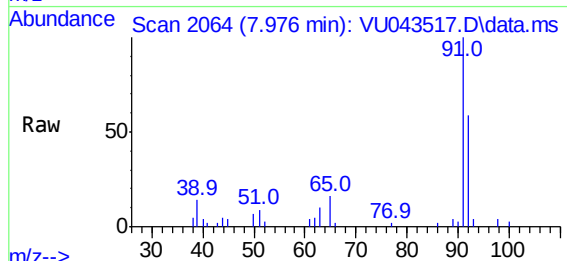




#42
Toluene
Concen: 0.44 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

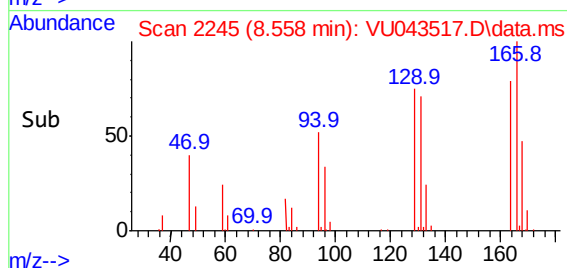
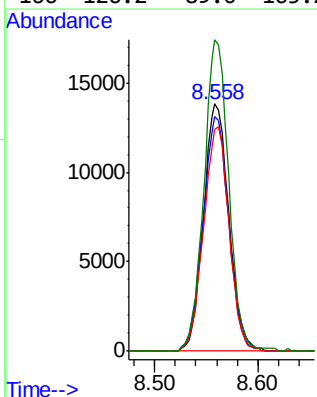
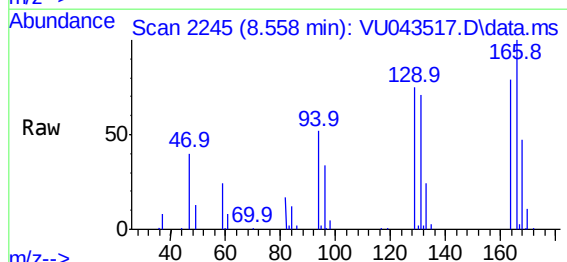
Instrument :
MSVOA_U
ClientSampleId :
GB3H9

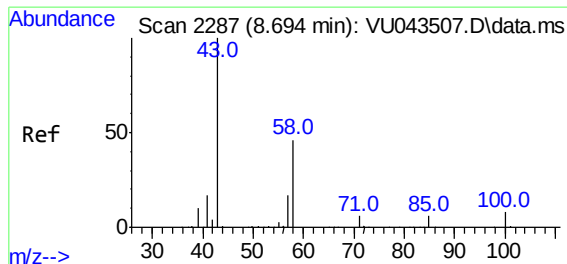
Tgt Ion: 91 Resp: 11257
Ion Ratio Lower Upper
91 100
92 59.2 39.1 72.5



#47
Tetrachloroethene
Concen: 5.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 164 Resp: 23499
Ion Ratio Lower Upper
164 100
129 95.1 62.5 116.1
131 90.0 64.9 120.5
166 126.2 89.0 165.2

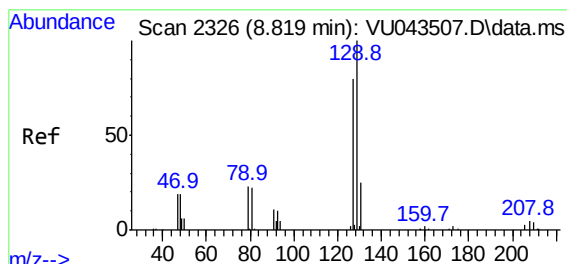
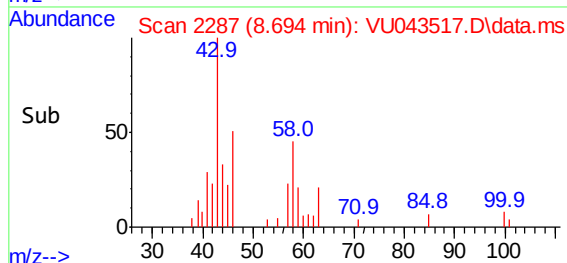
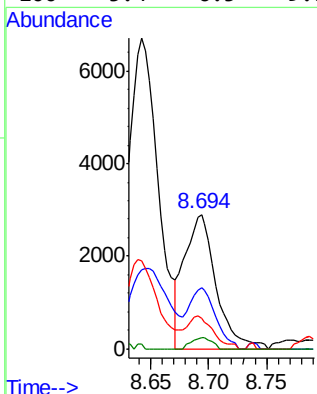
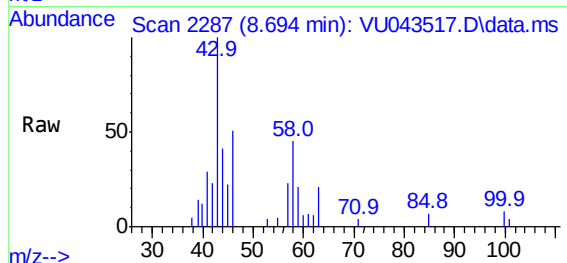




#48
2-Hexanone
Concen: 1.24 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

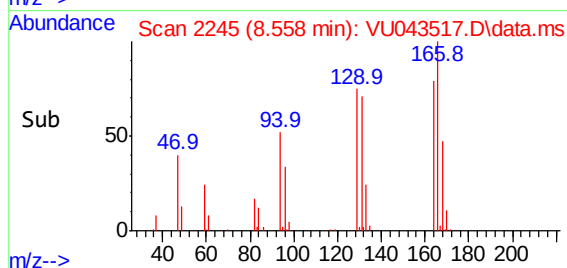
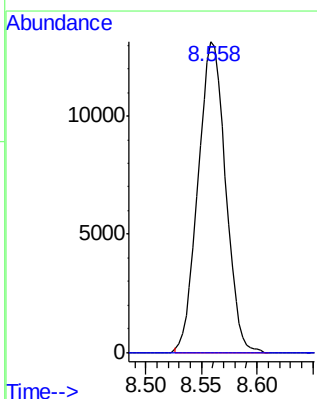
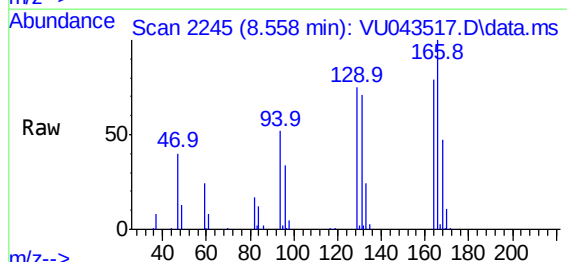
Instrument :
MSVOA_U
ClientSampleId :
GB3H9

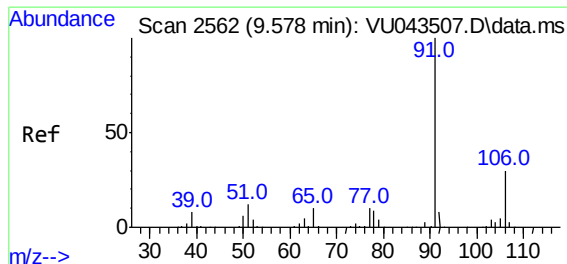
Tgt Ion:	43	Resp:	5550
Ion	Ratio	Lower	Upper
43	100		
58	37.5	36.8	55.2
57	19.2	13.2	19.8
100	5.4	6.5	9.7



#49
Dibromochloromethane
Concen: 3.66 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion:	129	Resp:	22514
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4

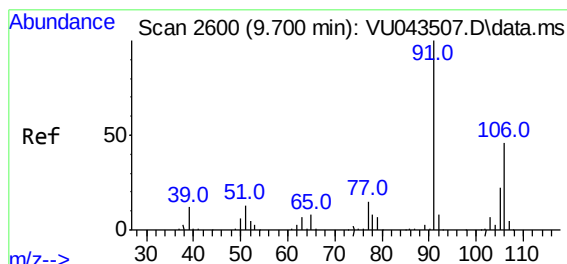
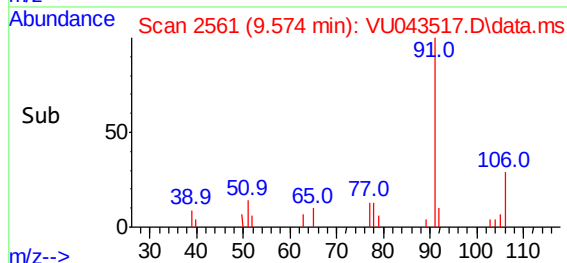
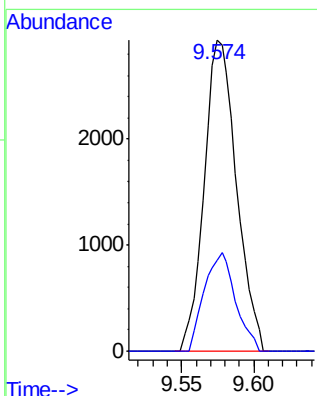
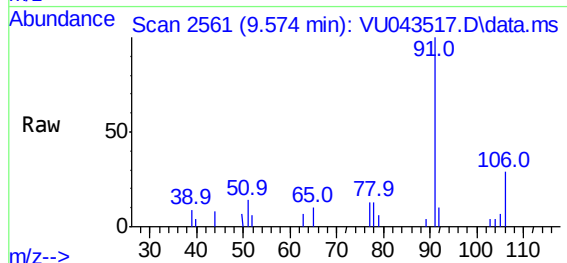




#52
Ethylbenzene
Concen: 0.17 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

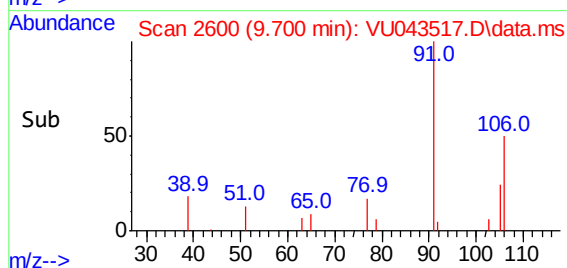
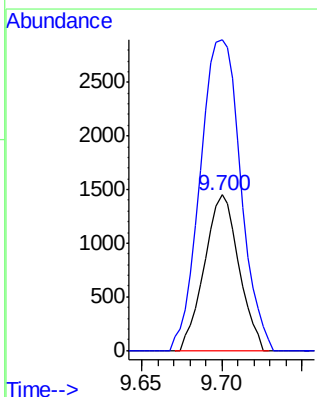
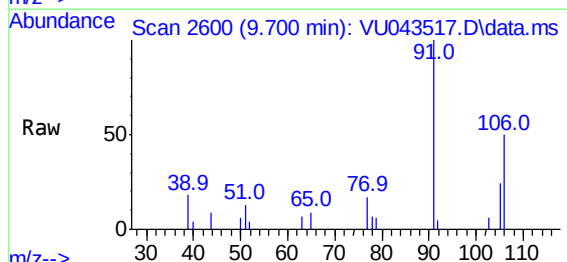
Instrument :
MSVOA_U
ClientSampleId :
GB3H9

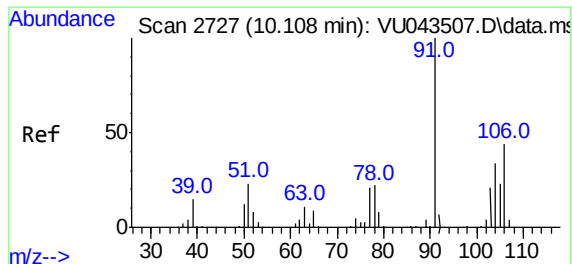
Tgt Ion: 91 Resp: 4554
Ion Ratio Lower Upper
91 100
106 29.3 20.5 38.1



#53
m,p-Xylene
Concen: 0.21 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 106 Resp: 2106
Ion Ratio Lower Upper
106 100
91 199.8 150.3 279.1

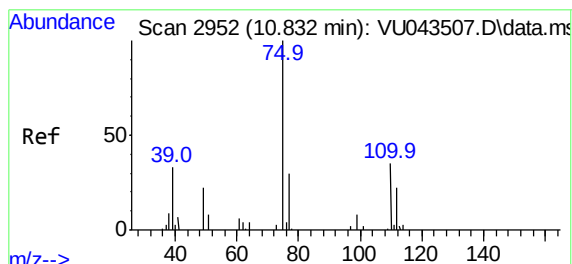
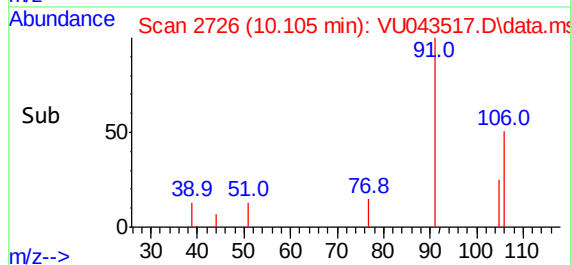
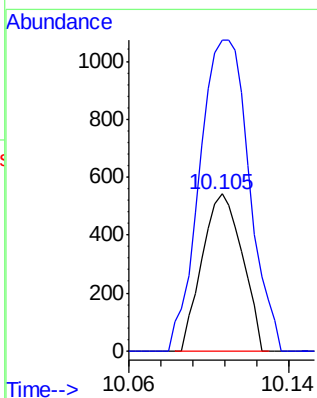
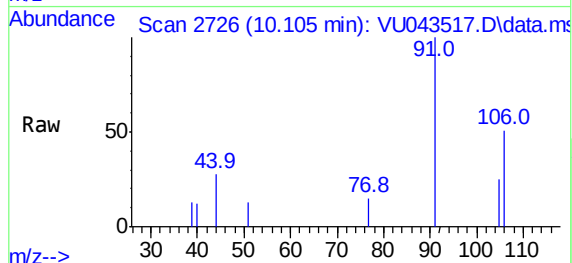




#54
o-Xylene
Concen: 0.08 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

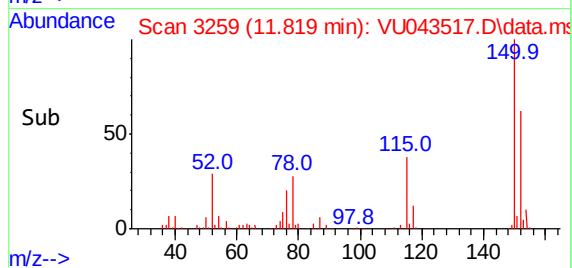
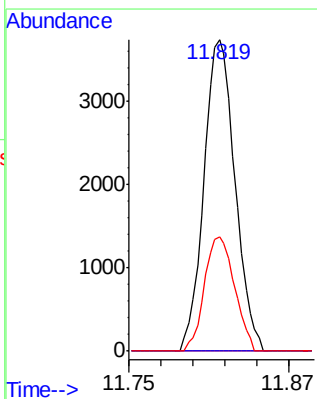
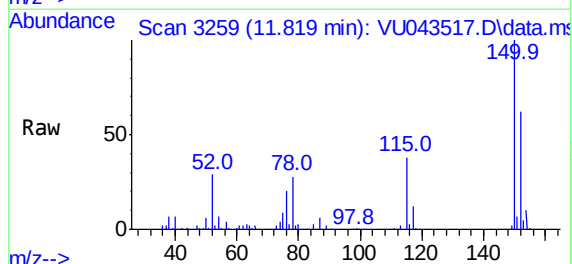
Instrument :
MSVOA_U
ClientSampleId :
GB3H9

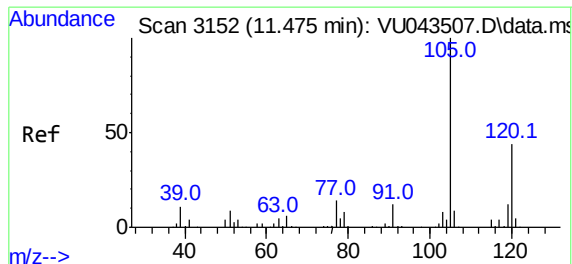
Tgt Ion: 106 Resp: 731
Ion Ratio Lower Upper
106 100
91 198.0 157.3 292.1



#61
1,2,3-Trichloropropane
Concen: 1.35 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043517.D
Acq: 04 May 2021 13:23

Tgt Ion: 75 Resp: 5826
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 35.4 25.7 38.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.10 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: VU043517.D
 Acq: 04 May 2021 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H9

Tgt Ion:105 Resp: 1919
 Ion Ratio Lower Upper
 105 100
 120 39.5 35.4 53.0

