

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044496.D
 Acq On : 23 Aug 2021 12:39
 Operator : SY/MD
 Sample : M3515-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4555MSD

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:22:01 AM

Quant Time: Aug 24 03:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	126406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	124973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	62939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39537	3.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.916	69	38216	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.572	65	18077	4.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.636	46	140610	49.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	5.073	84	85668	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.710	65	46176	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.736	84	164717	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.700	67	53490	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.903	98	147208	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.186	79	19867	4.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.642	63	116565	53.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46033	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	50565	4.755	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	62472	4.806	ug/L	99
3) Chloromethane	1.520	50	105649	6.204	ug/L	100
5) Vinyl chloride	1.607	62	75637	4.804	ug/L	100
6) Bromomethane	1.861	94	43021	5.027	ug/L	99
8) Chloroethane	1.938	64	47555	4.941	ug/L	99
9) Trichlorofluoromethane	2.141	101	86448	4.802	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	47952	4.841	ug/L	99
12) 1,1-Dichloroethene	2.584	96	46203	4.756	ug/L	97
13) Acetone	2.639	43	104472m	44.498	ug/L	
14) Carbon disulfide	2.800	76	151193	4.798	ug/L	100
15) Methyl Acetate	2.957	43	22132	5.772	ug/L	98
16) Methylene chloride	3.051	84	55349	3.835	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	136785	5.444	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	50471	4.986	ug/L	99
19) 1,1-Dichloroethane	3.877	63	98508	5.020	ug/L	97
21) 2-Butanone	4.716	43	169628	50.700	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	54934	5.076	ug/L	99
23) Bromochloromethane	4.980	128	24407	5.116	ug/L	97
25) Chloroform	5.096	83	101020	5.018	ug/L	100

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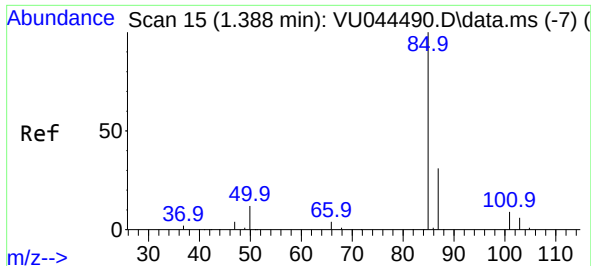
Manual Integrations
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SAM
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Quant Time: Aug 24 03:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68593	5.108	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	80631	5.155	ug/L	99
30) Cyclohexane	5.398	56	86405	4.997	ug/L	99
31) Carbon tetrachloride	5.533	117	66151	5.147	ug/L	99
33) Benzene	5.781	78	217567	5.131	ug/L	100
34) Trichloroethene	6.549	95	52369	4.996	ug/L	100
35) Methylcyclohexane	6.771	83	85953	4.916	ug/L	99
37) 1,2-Dichloropropane	6.800	63	57197	5.152	ug/L	100
38) Bromodichloromethane	7.112	83	69509	5.099	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	79650	5.115	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	410519	54.456	ug/L	100
42) Toluene	7.977	91	225385	5.103	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	69449	5.262	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	41292	5.215	ug/L	97
47) Tetrachloroethene	8.559	164	35997	4.966	ug/L	99
48) 2-Hexanone	8.694	43	297274	55.265	ug/L	98
49) Dibromochloromethane	8.816	129	43234	5.160	ug/L	100
50) 1,2-Dibromoethane	8.928	107	39592	5.228	ug/L	99
51) Chlorobenzene	9.452	112	135694	5.006	ug/L	99
52) Ethylbenzene	9.575	91	236345	5.066	ug/L	99
53) m,p-Xylene	9.700	106	91428	5.212	ug/L	96
54) o-Xylene	10.105	106	89216	5.222	ug/L	99
55) Styrene	10.118	104	144687	5.165	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	55274	5.302	ug/L	99
59) Bromoform	10.295	173	22806	5.129	ug/L	100
60) Isopropylbenzene	10.491	105	232447	5.061	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	40550	5.156	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	191534	5.100	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	196921	5.113	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	100504	4.983	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	100414	4.928	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	98603	5.129	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	8643	5.372	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	68924	4.854	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	56439	5.071	ug/L	100
71) Naphthalene	14.092	128	113990	5.372	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	54242	5.323	ug/L	99

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



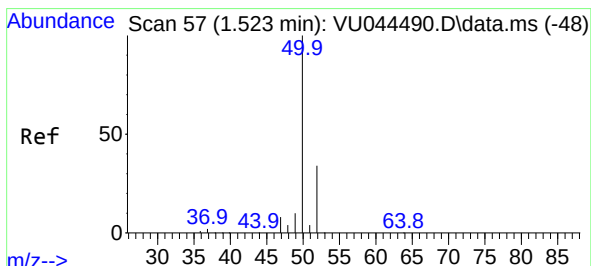
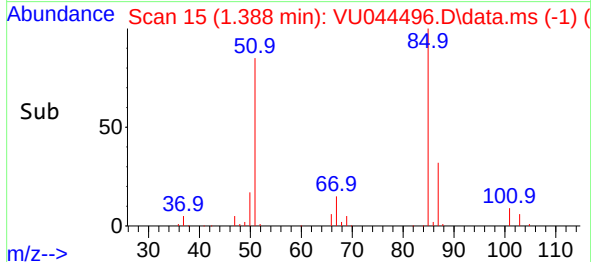
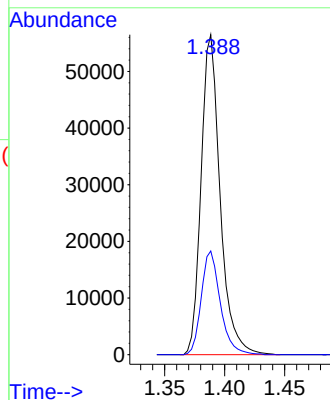
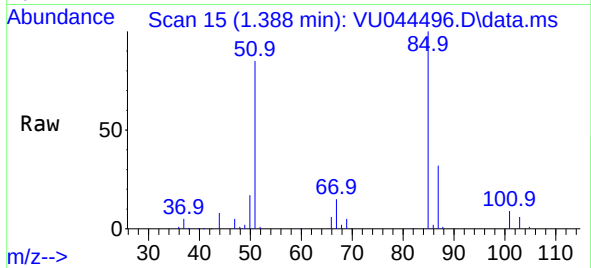
#2
Dichlorodifluoromethane
Concen: 4.806 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 85 Resp: 62472
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5

Instrument :
MSVOA_U
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H4555MSD

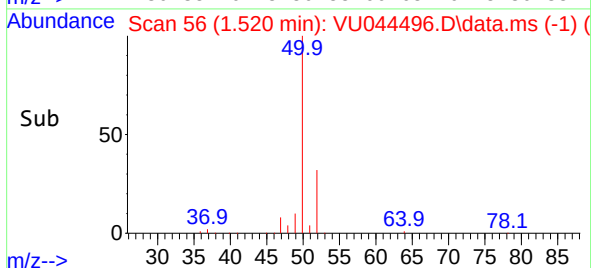
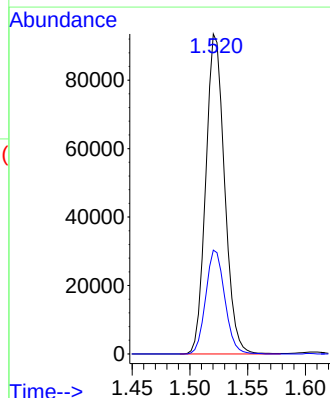
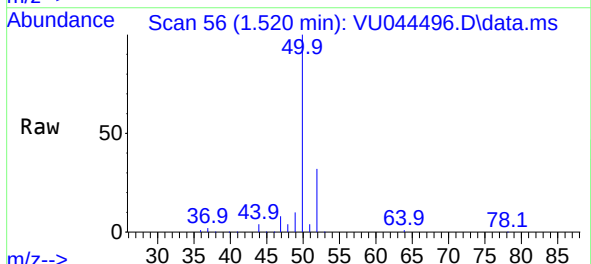
Manual Integrations
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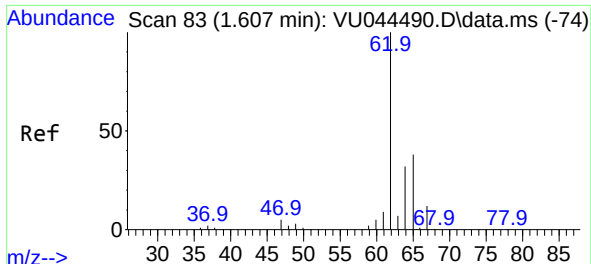
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#3
Chloromethane
Concen: 6.204 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 50 Resp: 105649
Ion Ratio Lower Upper
50 100
52 32.4 22.8 42.4





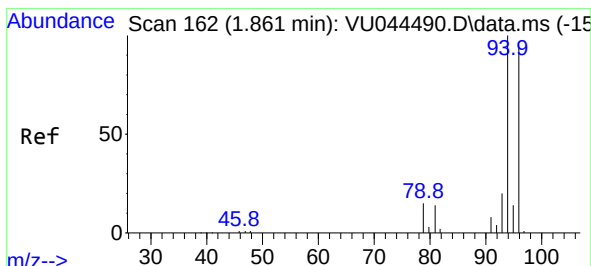
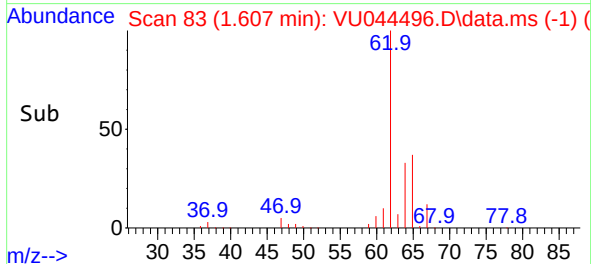
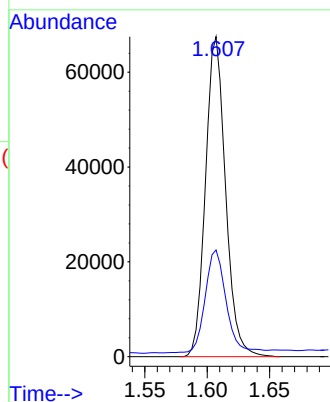
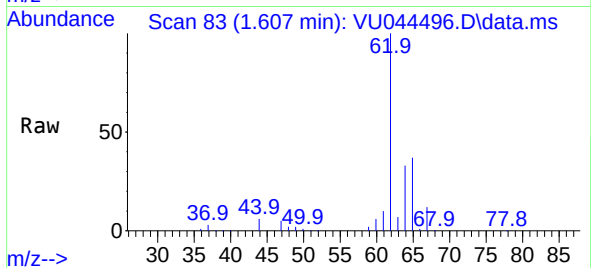
#5
 Vinyl chloride
 Concen: 4.804 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044496.D
 Acq: 23 Aug 2021 12:39

Instrument :
 MSVOA_U
 ClientSampled :
 H4555MSD

Tgt Ion: 62 Resp: 75637
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0

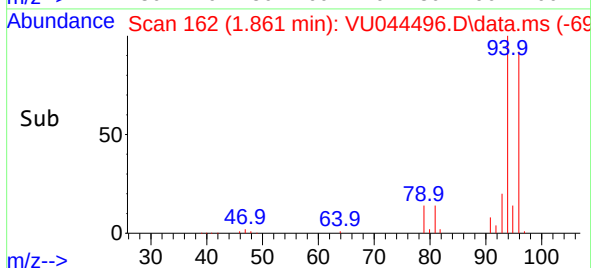
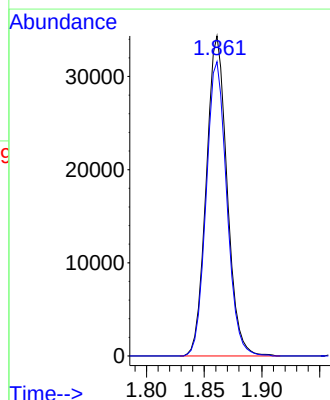
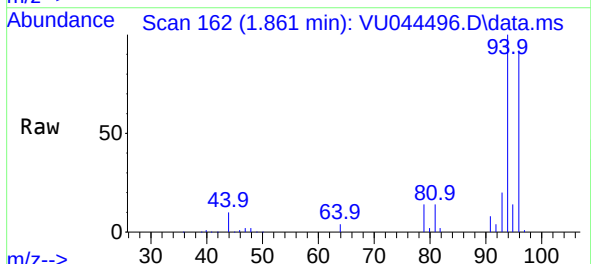
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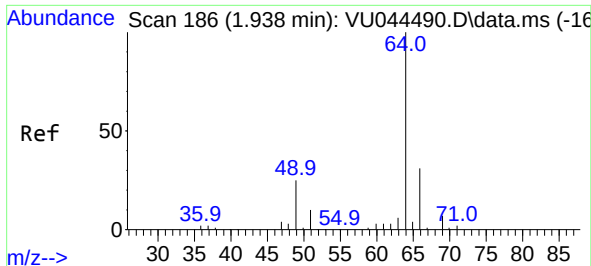
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#6
 Bromomethane
 Concen: 5.027 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044496.D
 Acq: 23 Aug 2021 12:39

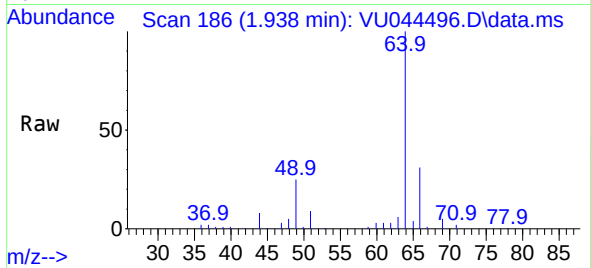
Tgt Ion: 94 Resp: 43021
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.2 121.2





#8
Chloroethane
Concen: 4.941 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

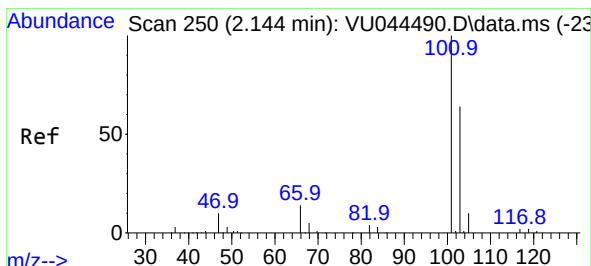
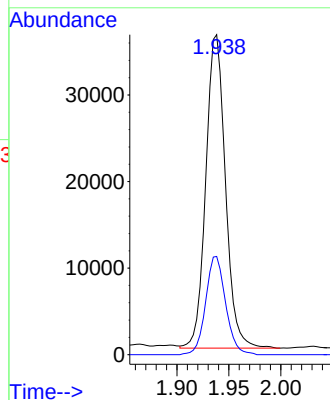
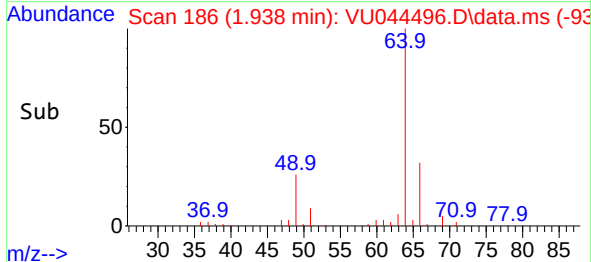
Instrument :
MSVOA_U
ClientSampled :
H4555MSD



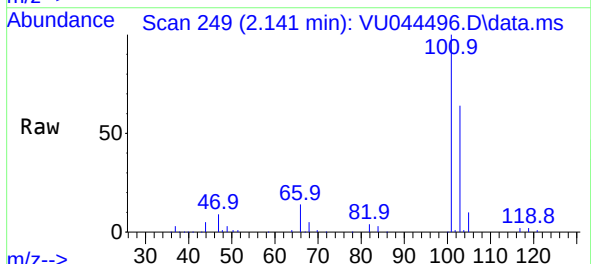
Tgt Ion: 64 Resp: 47555
Ion Ratio Lower Upper
64 100
66 30.7 21.3 39.5

Manual Integrations
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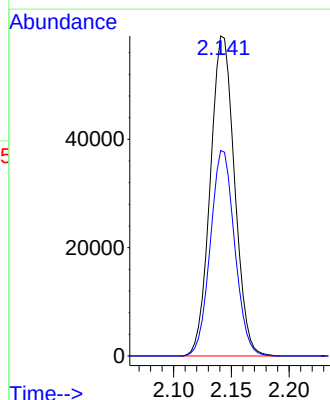
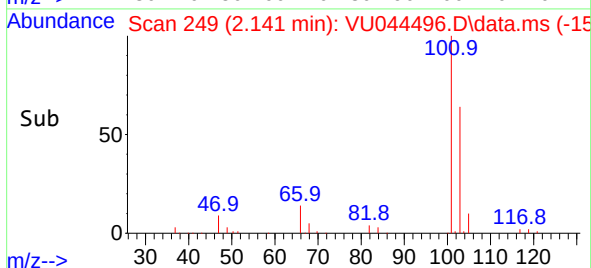
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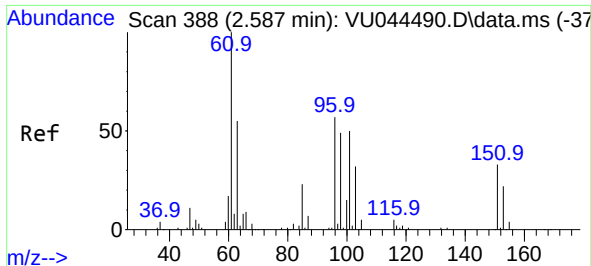


#9
Trichlorofluoromethane
Concen: 4.802 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



Tgt Ion: 101 Resp: 86448
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4





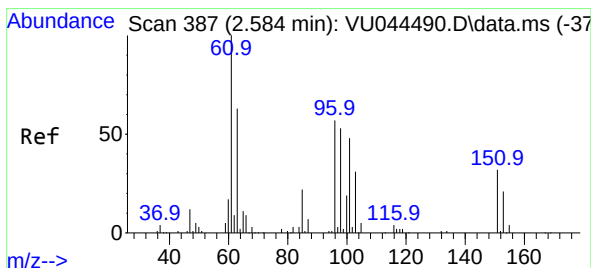
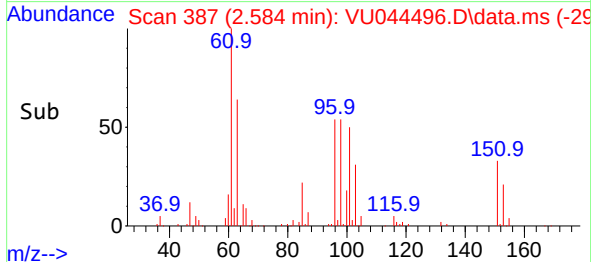
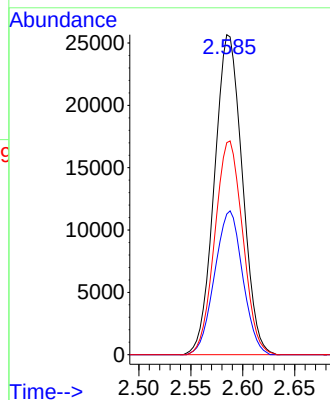
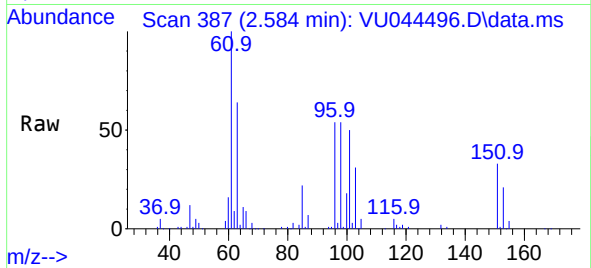
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.841 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

Tgt Ion:101 Resp: 47952
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 67.1 53.0 79.6

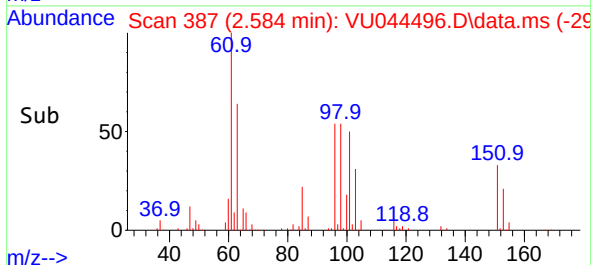
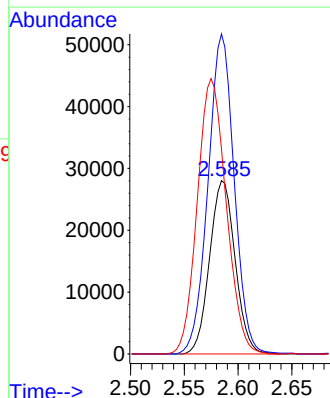
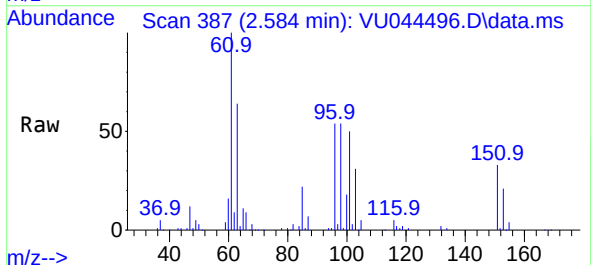
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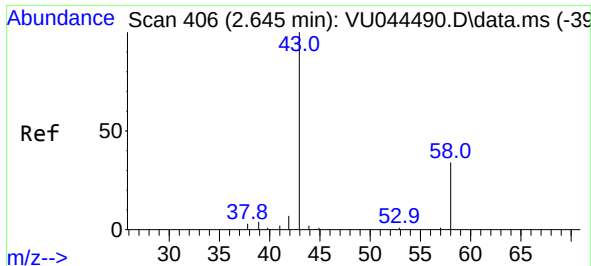
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#12
1,1-Dichloroethene
Concen: 4.756 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 96 Resp: 46203
Ion Ratio Lower Upper
96 100
61 184.6 126.1 234.3
63 118.2 84.8 157.6





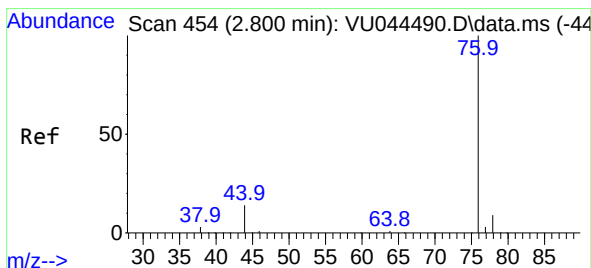
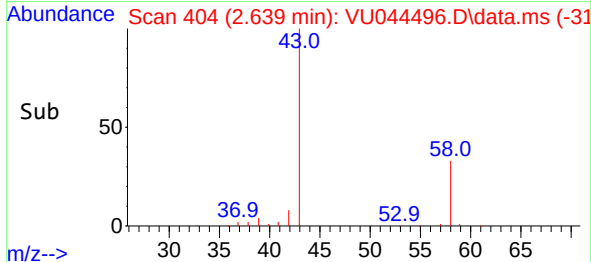
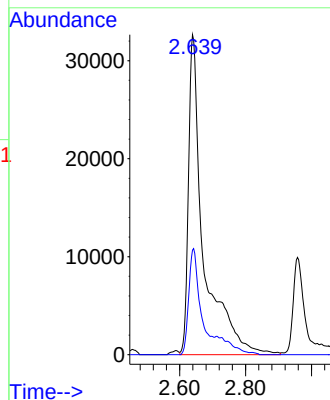
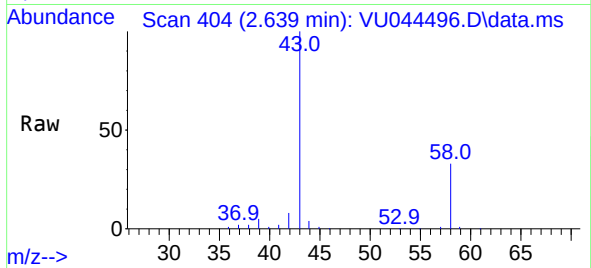
#13
Acetone
Concen: 44.498 ug/L m
RT: 2.639 min Scan# 404
Delta R.T. -0.006 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 43 Resp: 104472
Ion Ratio Lower Upper
43 100
58 25.6 0.0 45.4

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

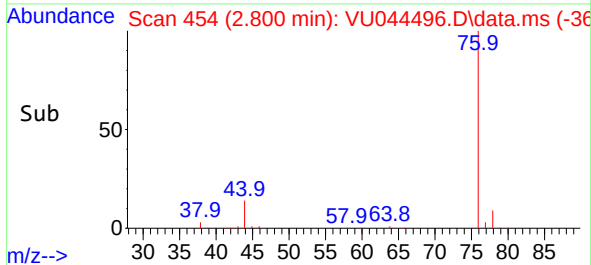
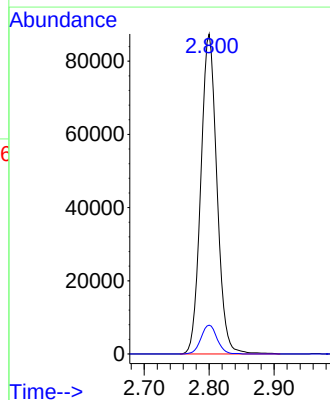
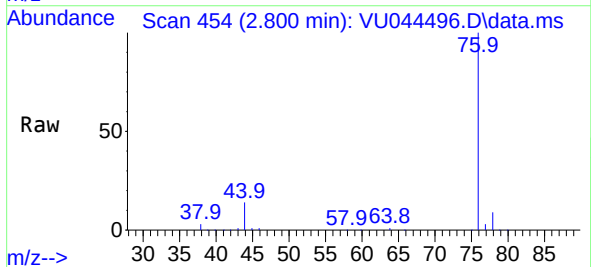
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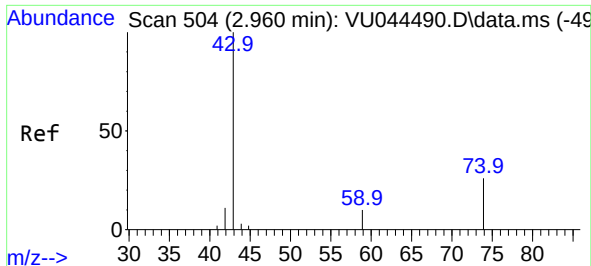
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#14
Carbon disulfide
Concen: 4.798 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 76 Resp: 151193
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





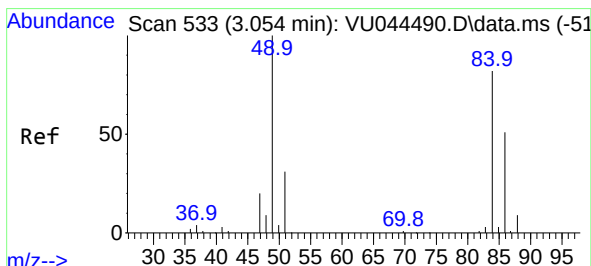
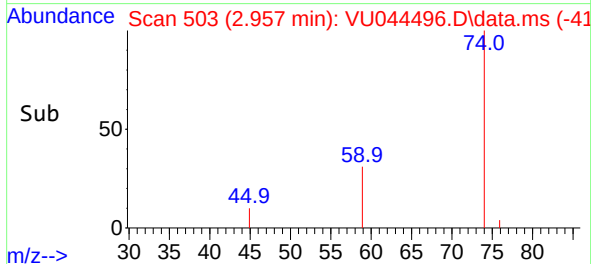
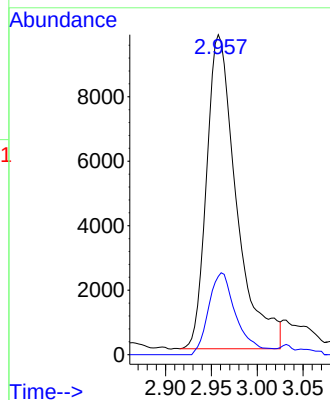
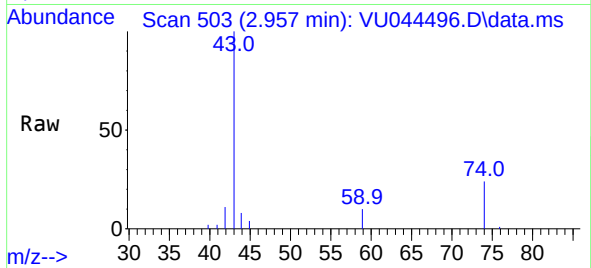
#15
Methyl Acetate
Concen: 5.772 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 43 Resp: 22132
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

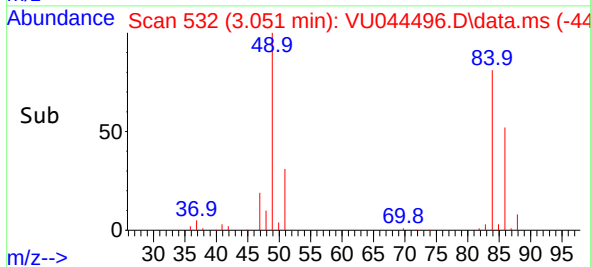
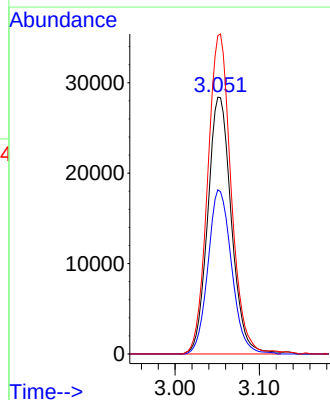
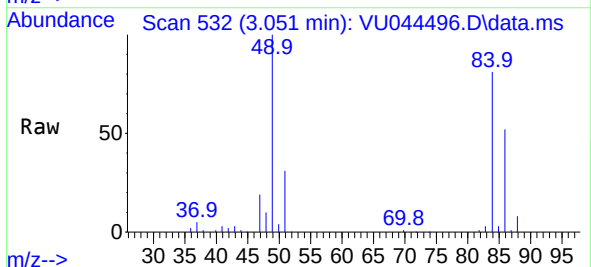
Manual Integrations
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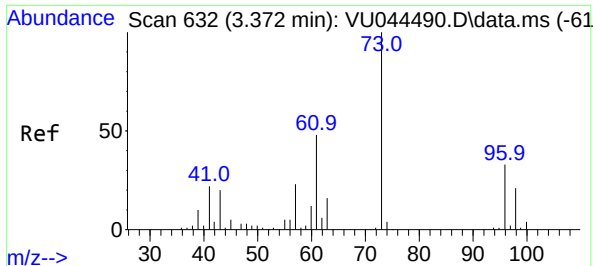
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#16
Methylene chloride
Concen: 3.835 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 84 Resp: 55349
Ion Ratio Lower Upper
84 100
86 63.9 45.2 84.0
49 123.9 88.8 165.0





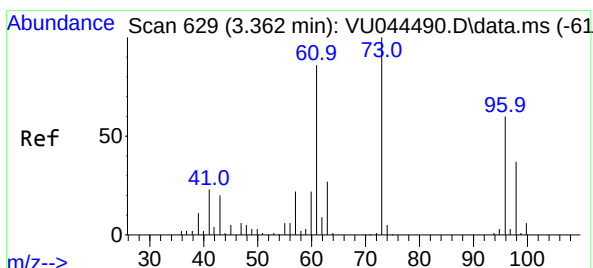
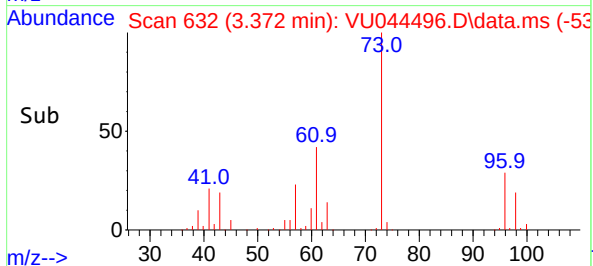
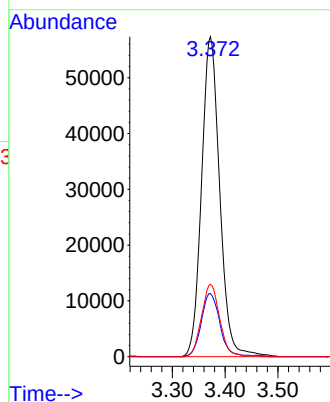
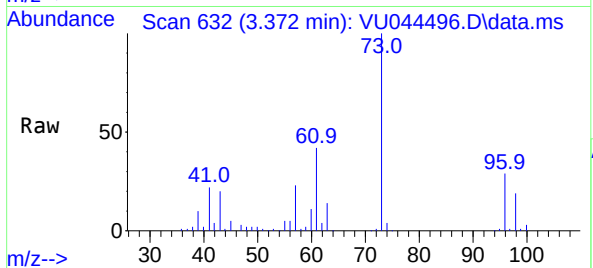
#17
Methyl tert-butyl Ether
Concen: 5.444 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:	73	Resp:	136785
Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.4
57	22.6	17.8	26.8

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

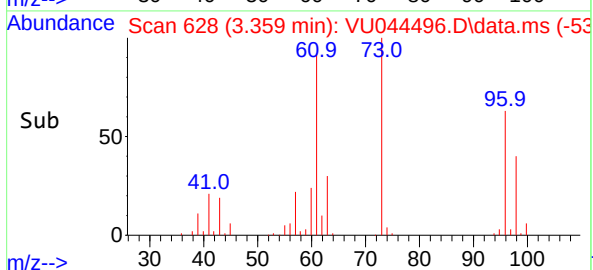
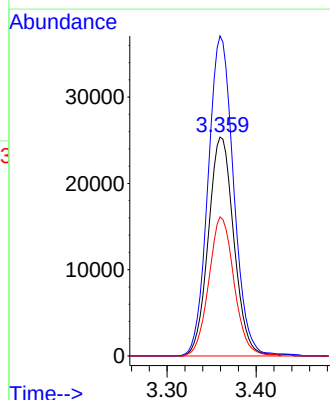
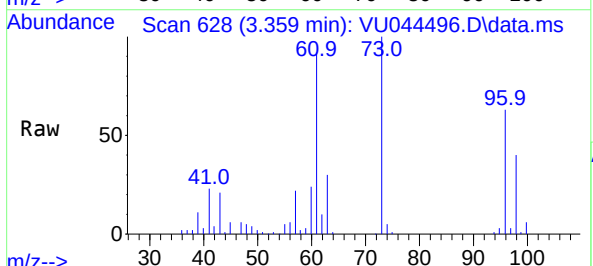
Manual Integrations
APPROVED

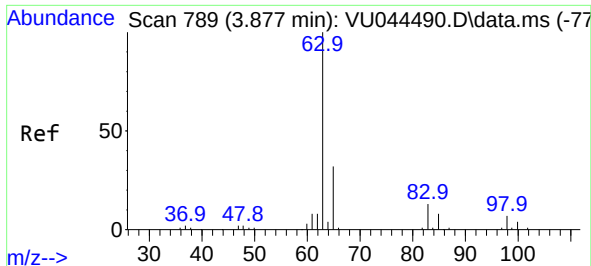
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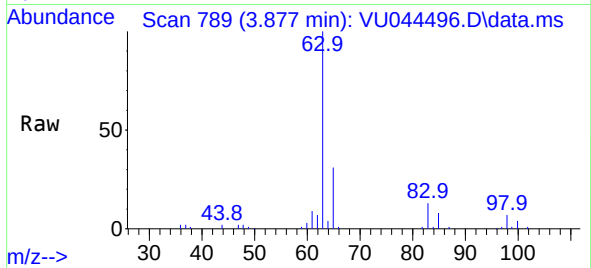
#18
trans-1,2-Dichloroethene
Concen: 4.986 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:	96	Resp:	50471
Ion	Ratio	Lower	Upper
96	100		
61	146.2	103.7	192.5
98	63.5	44.7	83.1

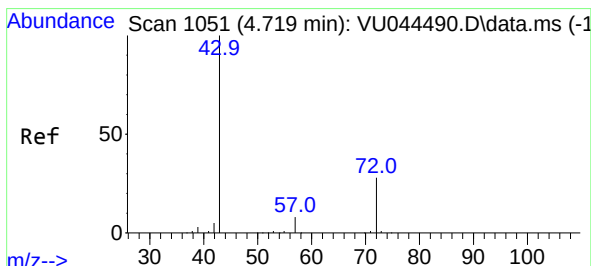
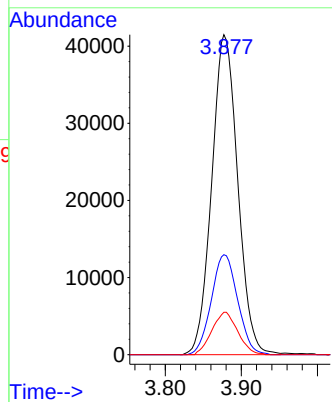
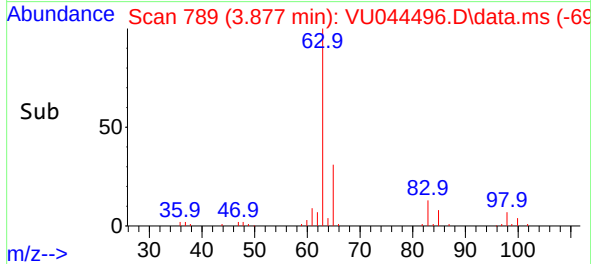




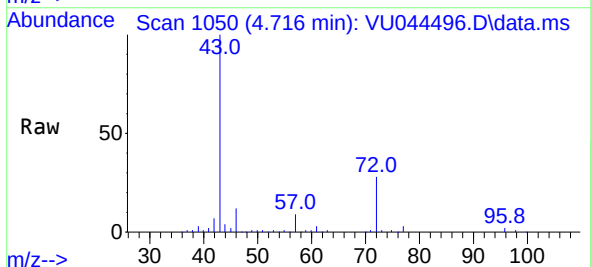
#19
1,1-Dichloroethane
Concen: 5.020 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



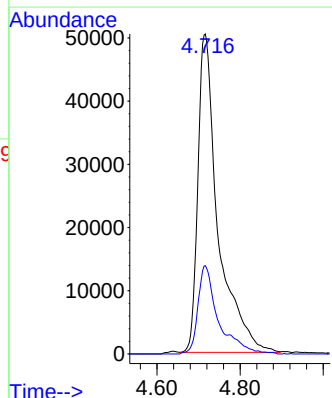
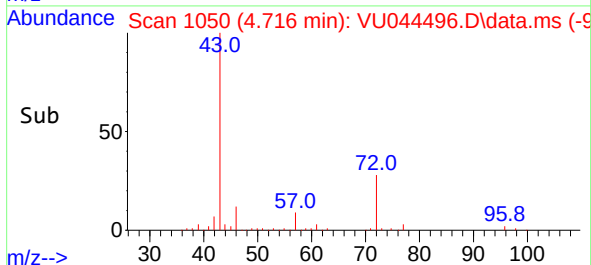
Tgt Ion:	63	Resp:	98508
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.4	43.6
83	13.3	9.0	16.6



#21
2-Butanone
Concen: 50.700 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



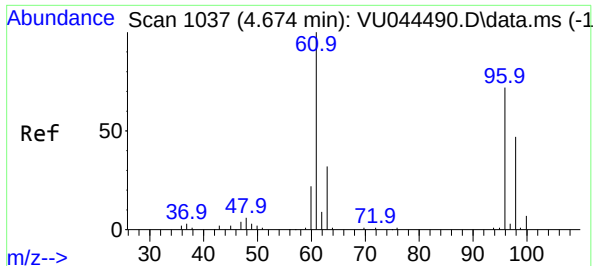
Tgt Ion:	43	Resp:	169628
Ion	Ratio	Lower	Upper
43	100		
72	23.5	14.1	42.4



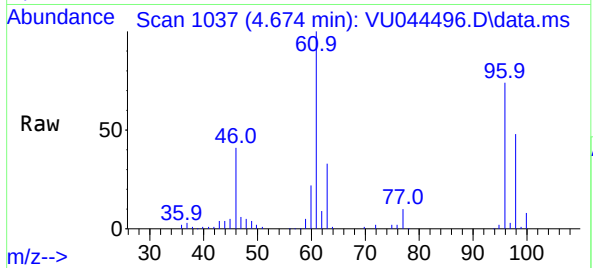
Instrument :
MSVOA_U
ClientSampled :
H4555MSD

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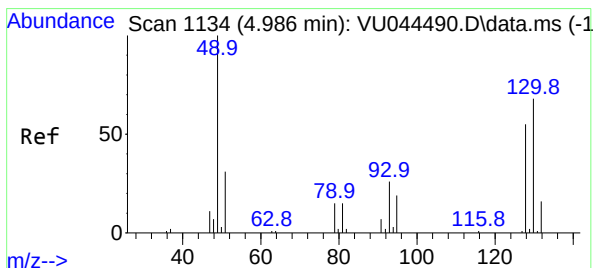
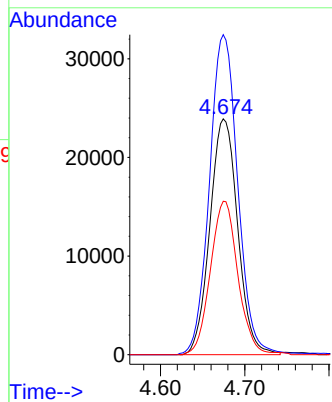
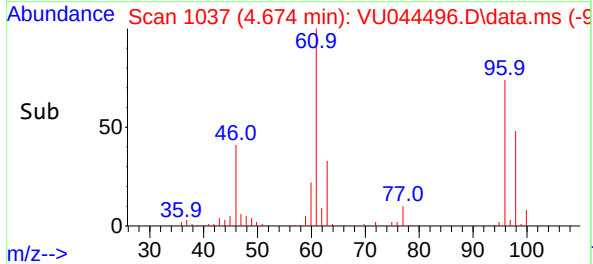
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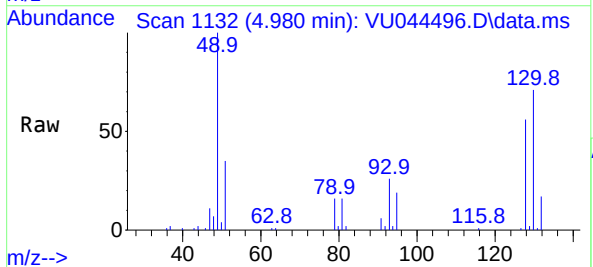
#22
cis-1,2-Dichloroethene
Concen: 5.076 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



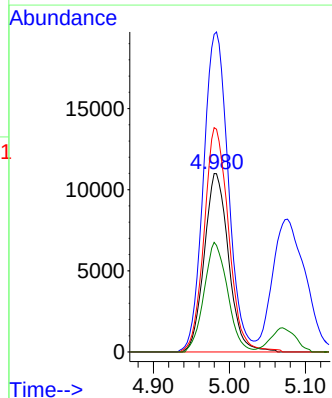
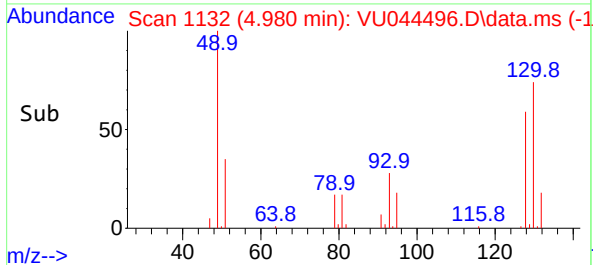
Tgt Ion: 96 Resp: 54934
Ion Ratio Lower Upper
96 100
61 135.7 93.9 174.5
98 65.1 44.7 83.1



#23
Bromochloromethane
Concen: 5.116 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



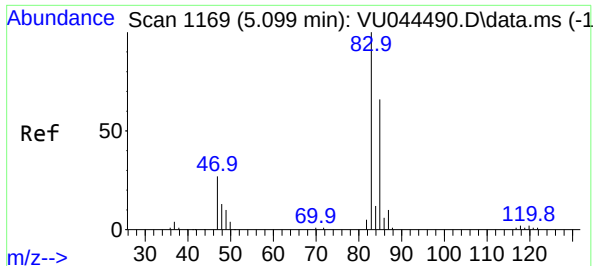
Tgt Ion: 128 Resp: 24407
Ion Ratio Lower Upper
128 100
49 178.0 128.1 237.9
130 125.7 89.2 165.8
51 61.4 48.0 72.0



Instrument :
MSVOA_U
ClientSampled :
H4555MSD

Manual Integrations
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#25

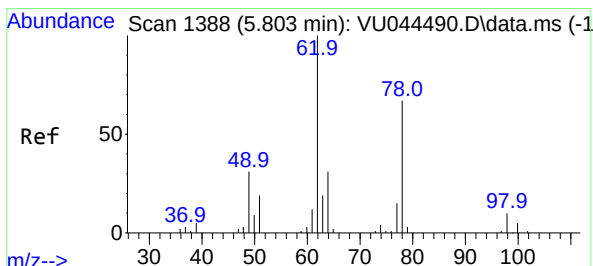
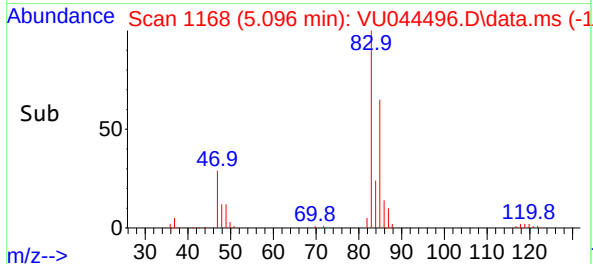
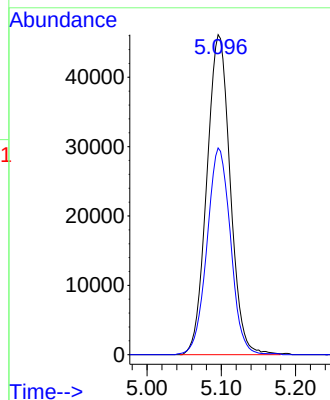
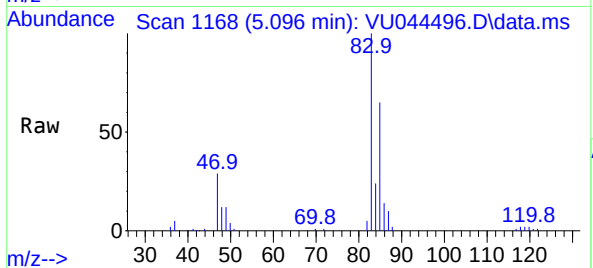
Chloroform
Concen: 5.018 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

Tgt Ion: 83 Resp: 101020
Ion Ratio Lower Upper
83 100
85 64.6 45.3 84.1

Manual Integrations
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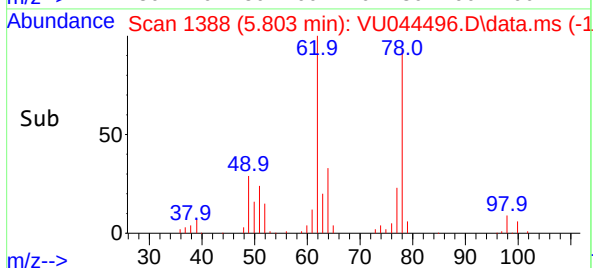
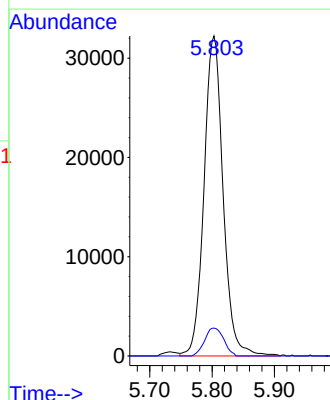
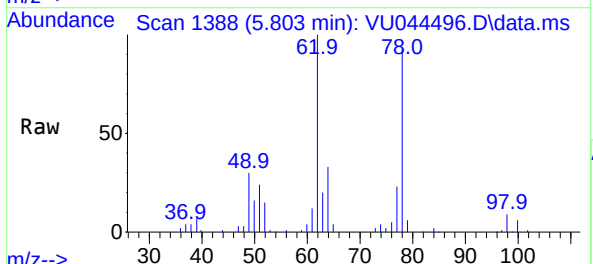
SAM
8/24/2021 11:22:01 AM

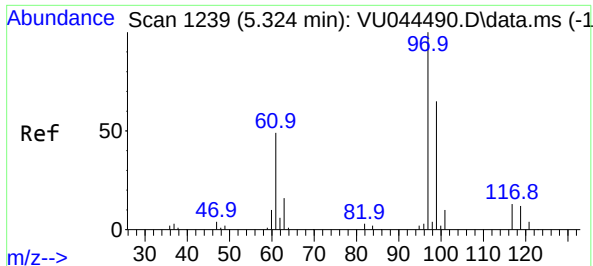


#27

1,2-Dichloroethane
Concen: 5.108 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 62 Resp: 68593
Ion Ratio Lower Upper
62 100
98 8.7 8.0 12.0





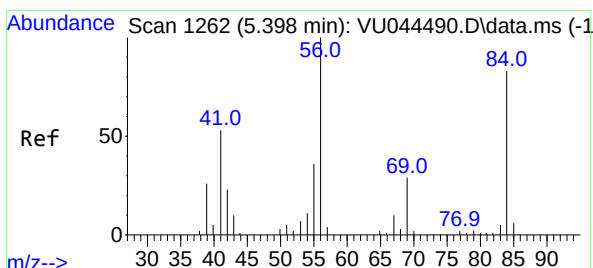
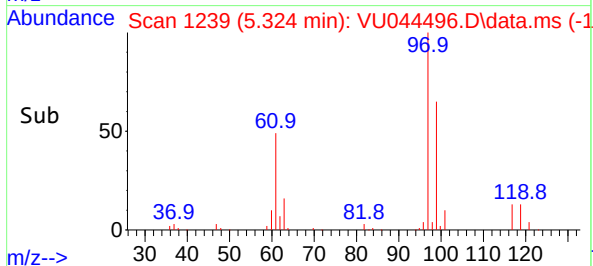
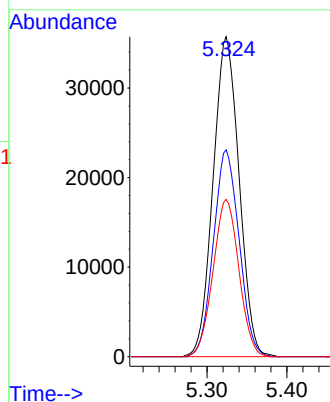
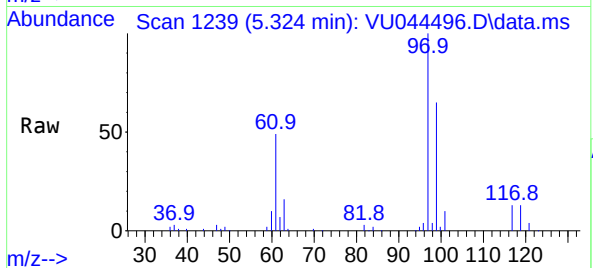
#29
1,1,1-Trichloroethane
Concen: 5.155 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 97 Resp: 80631
Ion Ratio Lower Upper
97 100
99 64.0 52.5 78.7
61 48.9 39.2 58.8

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

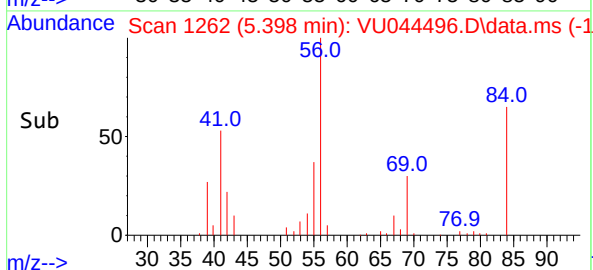
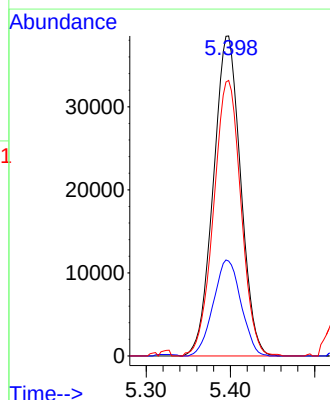
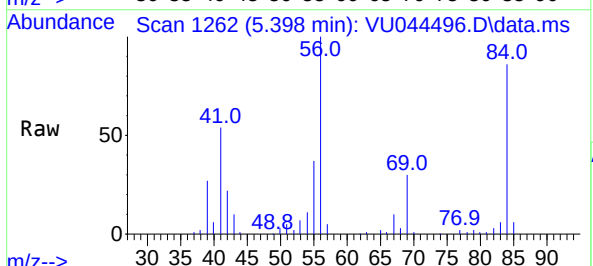
Manual Integrations
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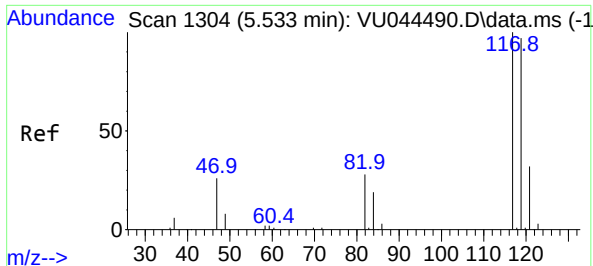
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#30
Cyclohexane
Concen: 4.997 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 56 Resp: 86405
Ion Ratio Lower Upper
56 100
69 30.5 24.3 36.5
84 86.4 68.4 102.6





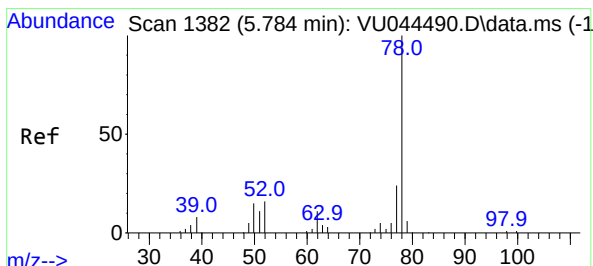
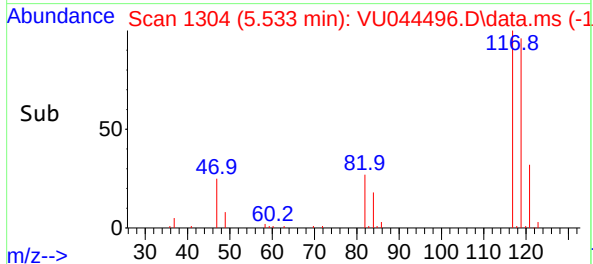
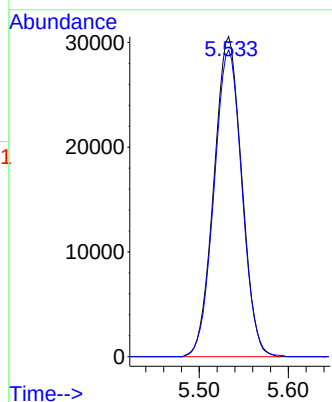
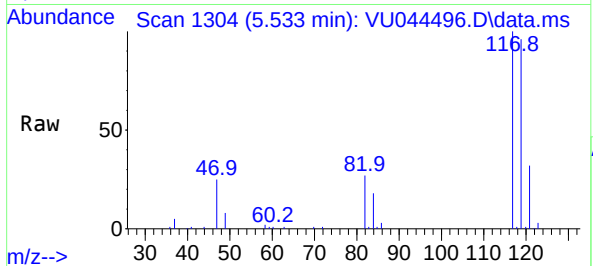
#31
Carbon tetrachloride
Concen: 5.147 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

Tgt Ion:117 Resp: 66151
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8

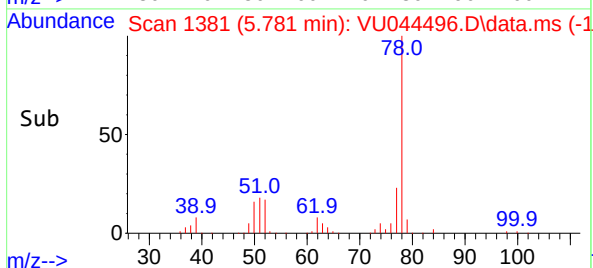
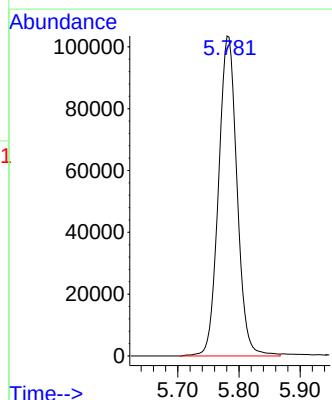
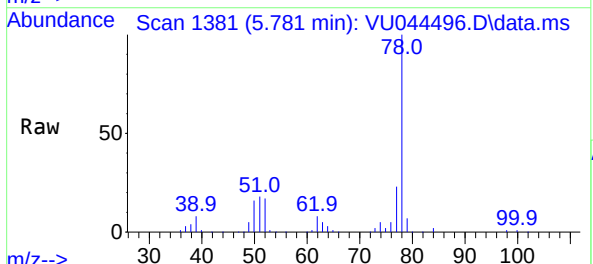
Manual Integrations
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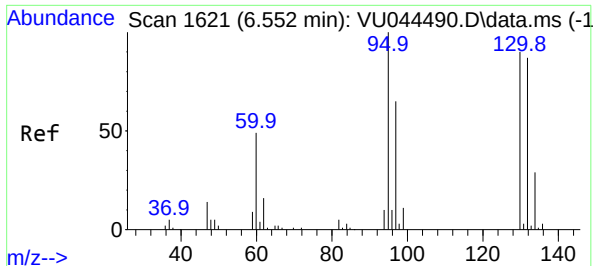
SAM
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#33
Benzene
Concen: 5.131 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 78 Resp: 217567





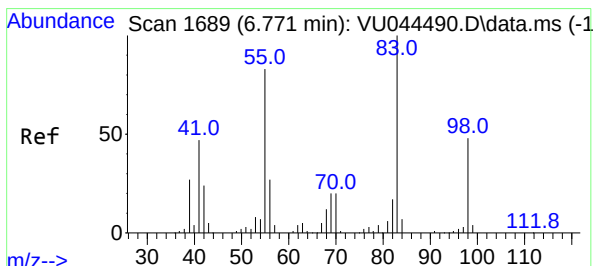
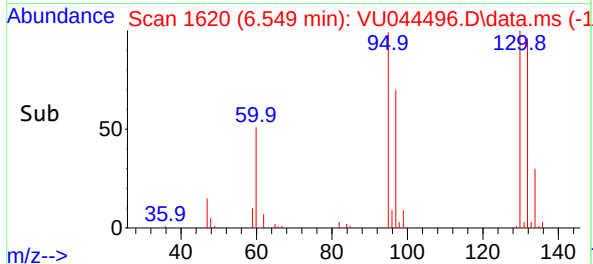
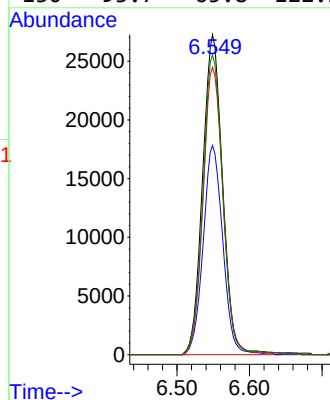
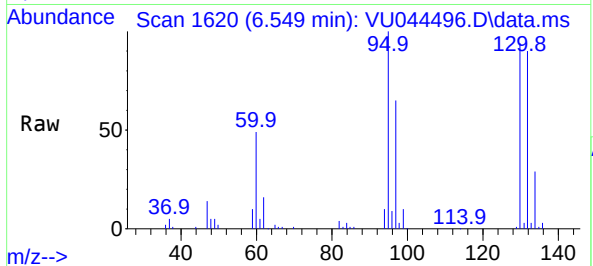
#34
Trichloroethene
Concen: 4.996 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:	95	Resp:	52369
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.6	84.8
132	89.8	63.4	117.8
130	93.7	65.8	122.2

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

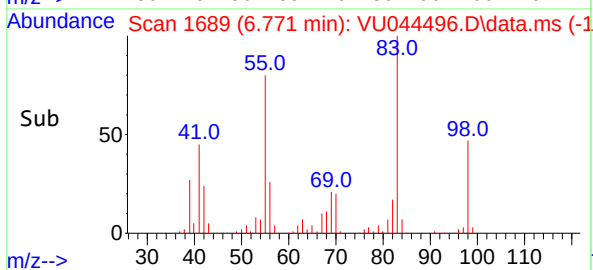
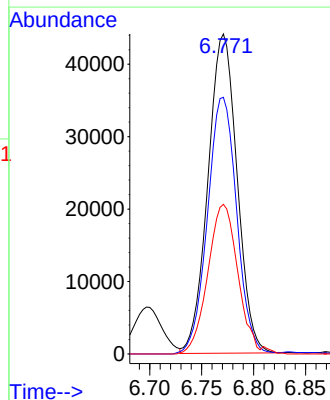
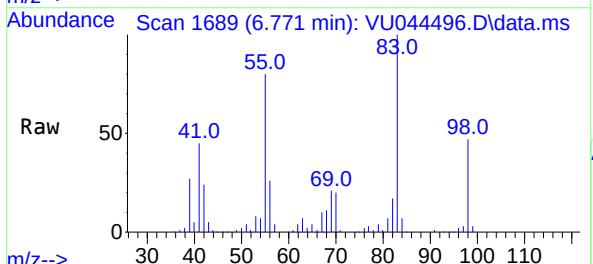
Manual Integrations
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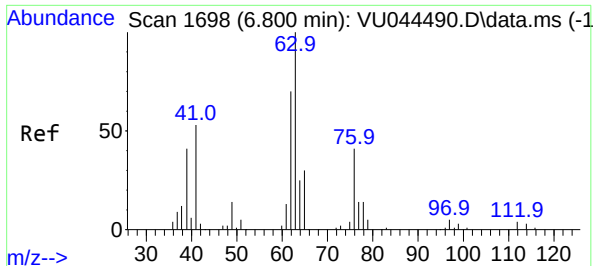
SAM
8/24/2021 11:22:01 AM



#35
Methylcyclohexane
Concen: 4.916 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:	83	Resp:	85953
Ion	Ratio	Lower	Upper
83	100		
55	80.7	64.8	97.2
98	47.9	37.5	56.3





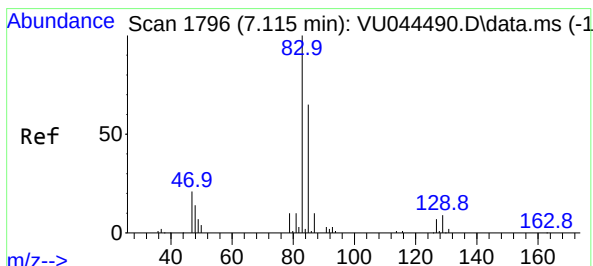
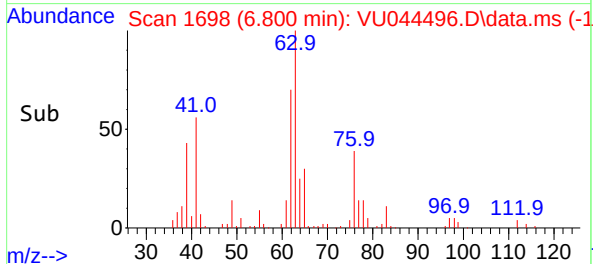
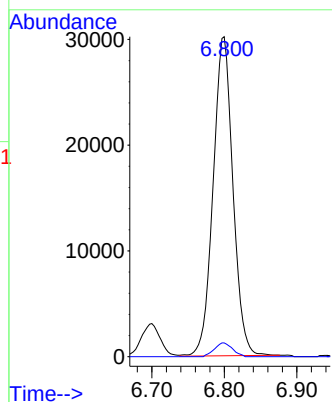
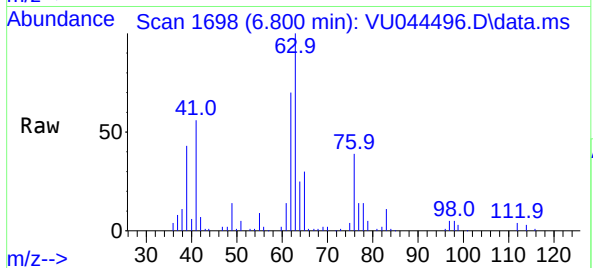
#37
1,2-Dichloropropane
Concen: 5.152 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 63 Resp: 57197
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

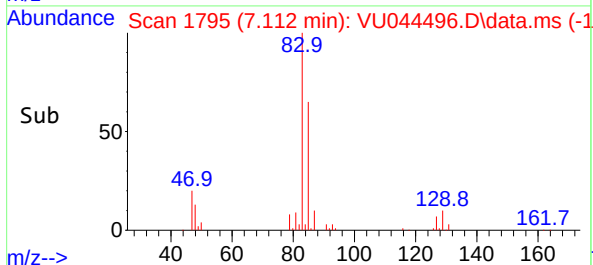
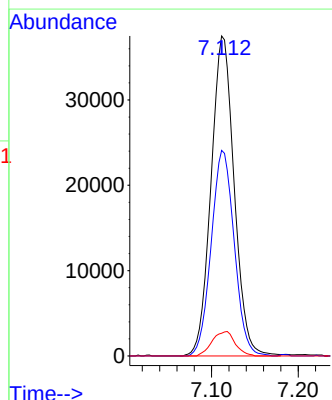
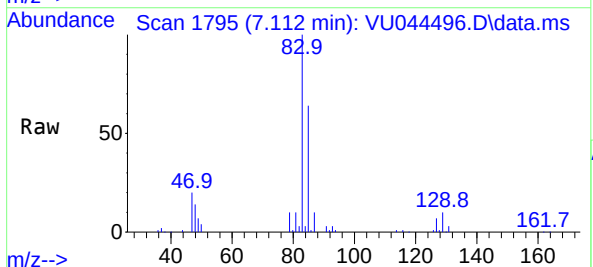
Manual Integrations
APPROVED

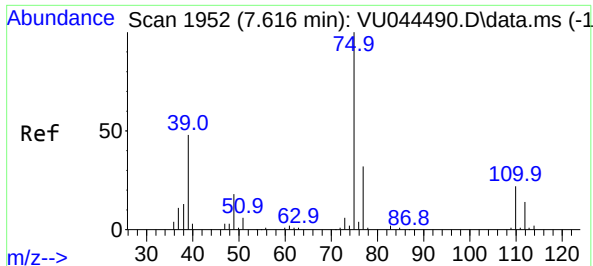
SAM
8/24/2021 11:22:01 AM



#38
Bromodichloromethane
Concen: 5.099 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 83 Resp: 69509
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8
127 7.1 5.9 8.9





#39

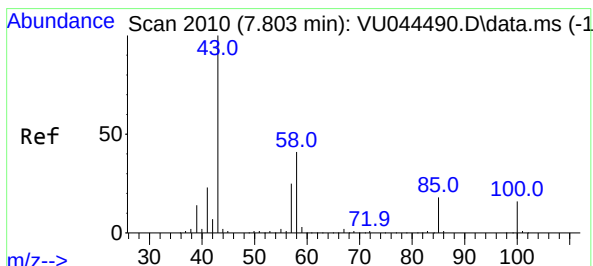
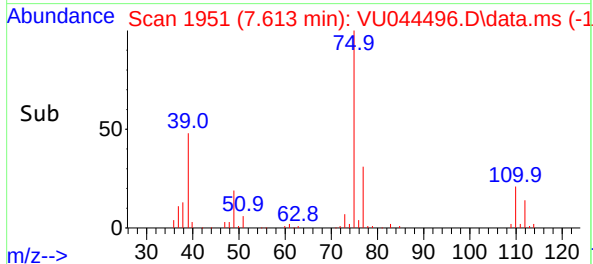
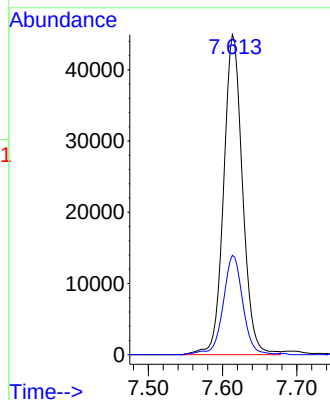
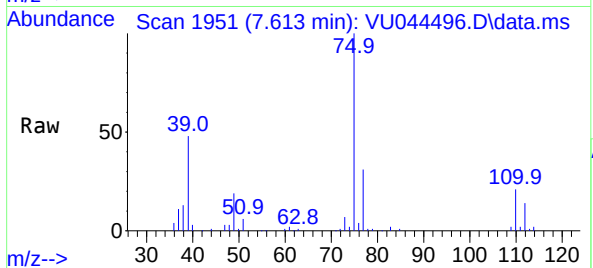
cis-1,3-Dichloropropene
Concen: 5.115 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 75 Resp: 79650
Ion Ratio Lower Upper
75 100
77 31.1 22.2 41.2

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

Manual Integrations
APPROVED

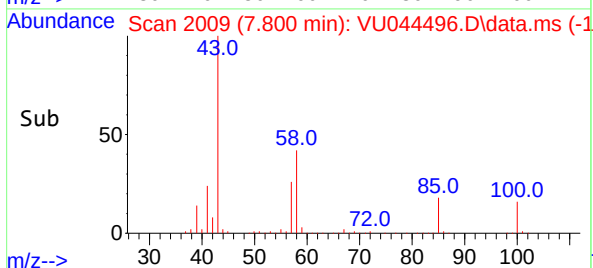
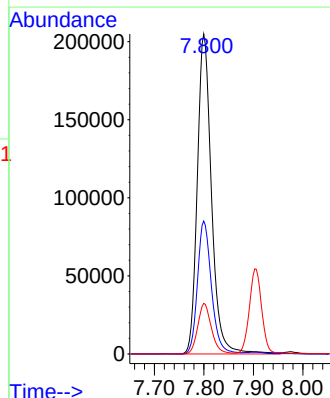
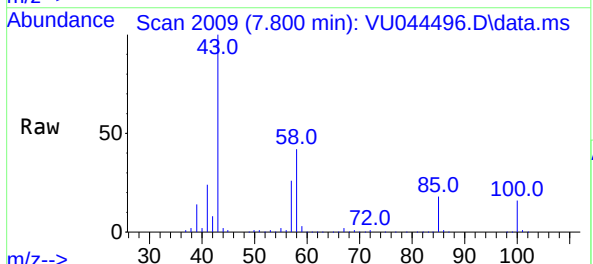
SAM
8/24/2021 11:22:01 AM

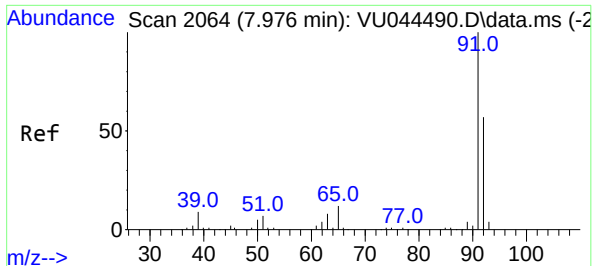


#40

4-Methyl-2-pentanone
Concen: 54.456 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

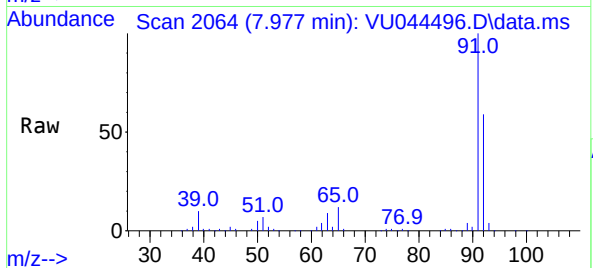
Tgt Ion: 43 Resp: 410519
Ion Ratio Lower Upper
43 100
58 40.8 32.5 48.7
100 15.2 12.3 18.5





#42
Toluene
Concen: 5.103 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

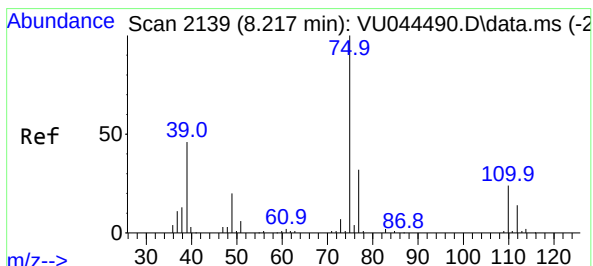
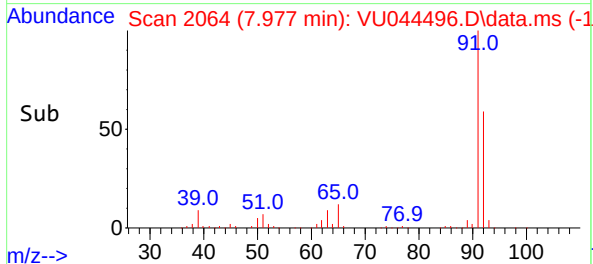
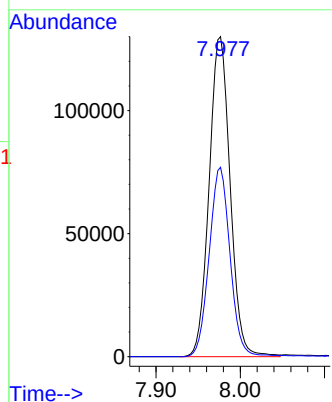
Instrument :
MSVOA_U
ClientSampled :
H4555MSD



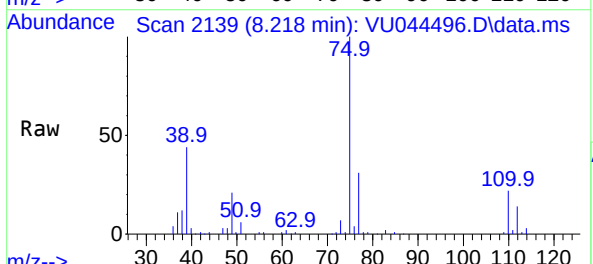
Tgt Ion: 91 Resp: 225385
Ion Ratio Lower Upper
91 100
92 59.2 40.7 75.5

Manual Integrations
APPROVED

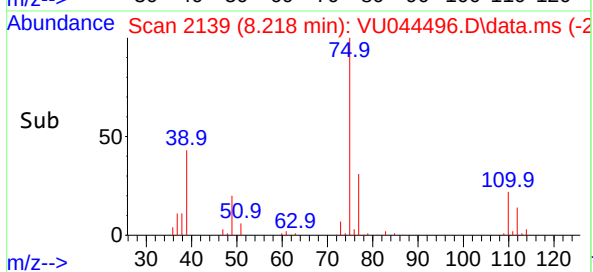
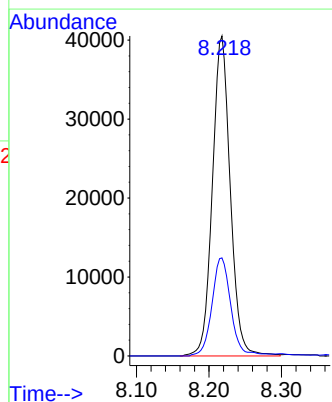
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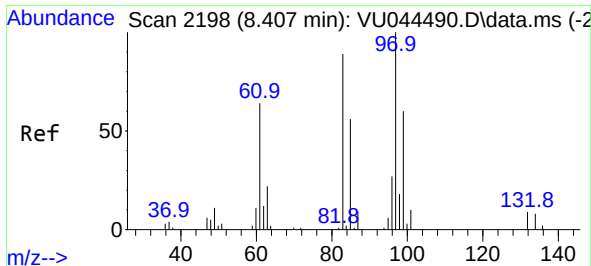


#44
trans-1,3-Dichloropropene
Concen: 5.262 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



Tgt Ion: 75 Resp: 69449
Ion Ratio Lower Upper
75 100
77 30.6 21.6 40.2





#45
1,1,2-Trichloroethane
Concen: 5.215 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

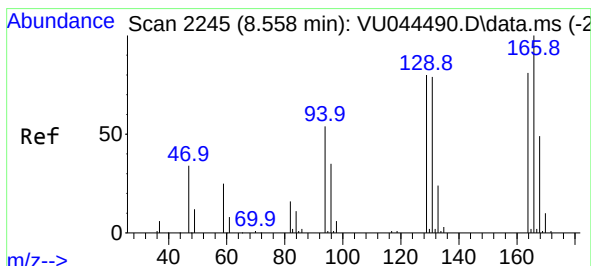
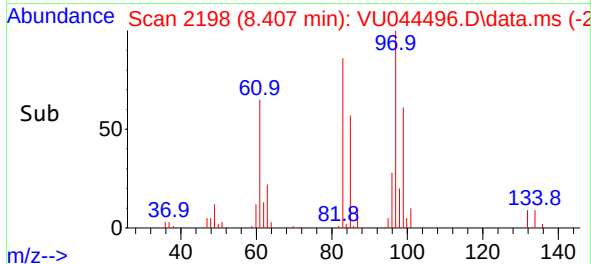
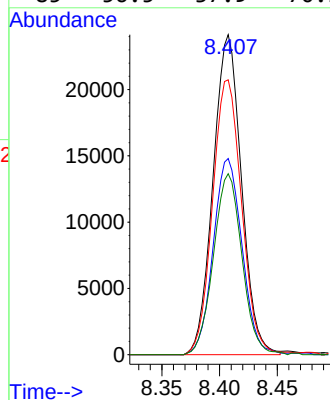
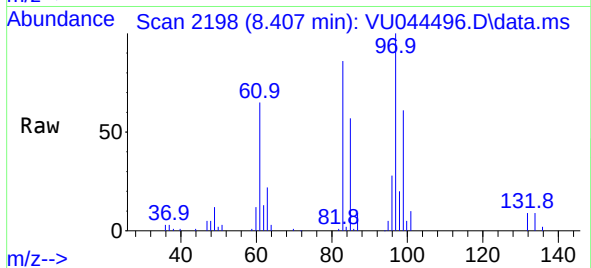
Tgt Ion: 97 Resp: 41292

Ion	Ratio	Lower	Upper
97	100		
99	61.3	41.3	76.7
83	85.9	58.6	108.8
85	56.5	37.9	70.5

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

Manual Integrations
APPROVED

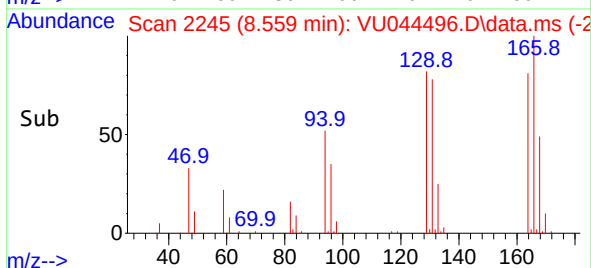
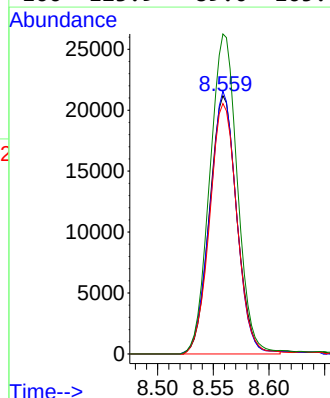
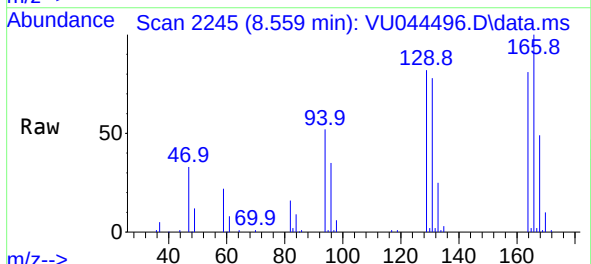
SAM
8/24/2021 11:22:01 AM

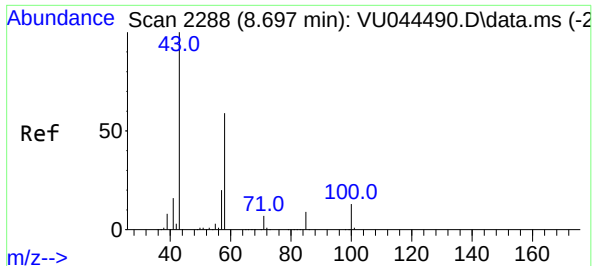


#47
Tetrachloroethene
Concen: 4.966 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 164 Resp: 35997

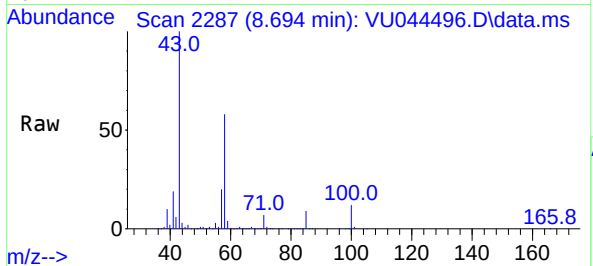
Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.0	131.8
131	97.0	68.0	126.4
166	123.9	89.0	165.4





#48
2-Hexanone
Concen: 55.265 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

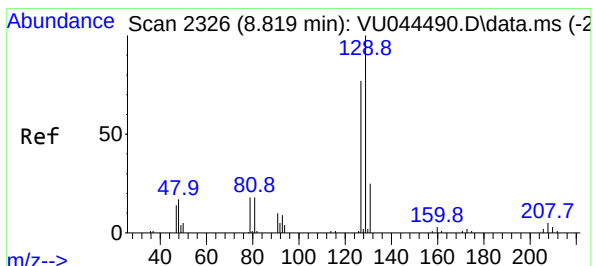
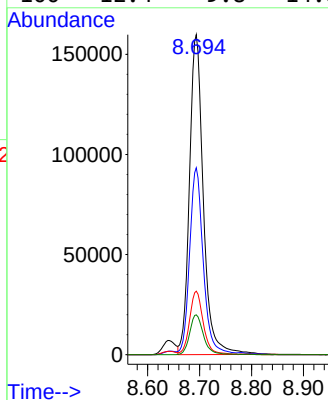
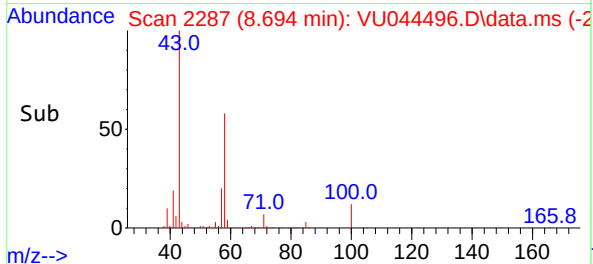
Instrument :
MSVOA_U
ClientSampled :
H4555MSD



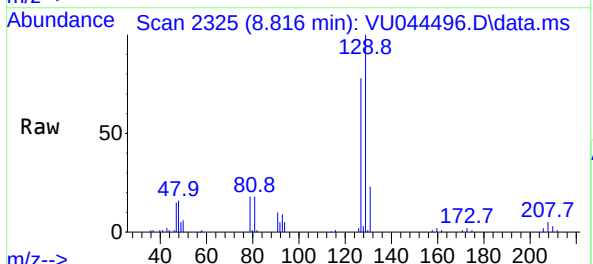
Tgt Ion: 43 Resp: 297274
Ion Ratio Lower Upper
43 100
58 56.1 46.5 69.7
57 19.7 15.8 23.8
100 12.4 9.8 14.8

Manual Integrations
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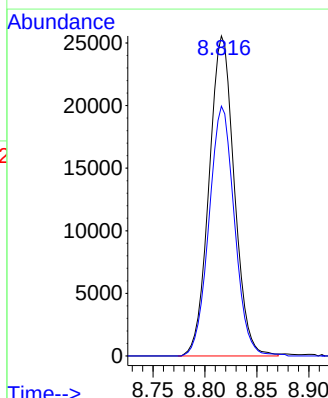
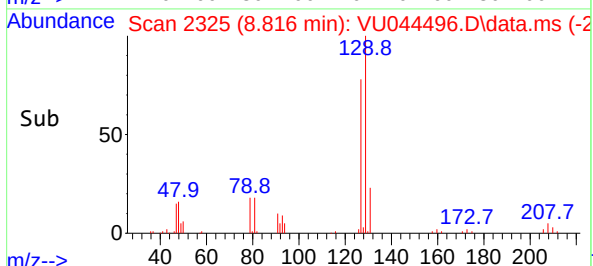
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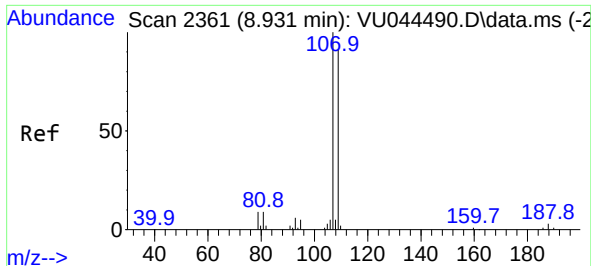


#49
Dibromochloromethane
Concen: 5.160 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



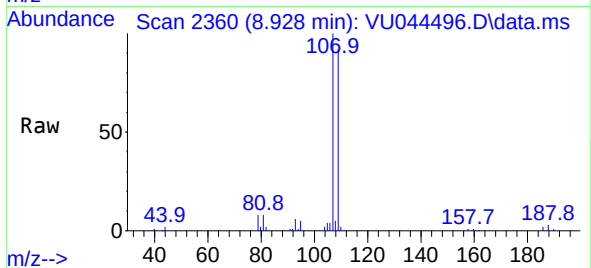
Tgt Ion: 129 Resp: 43234
Ion Ratio Lower Upper
129 100
127 78.0 54.7 101.7





#50
1,2-Dibromoethane
Concen: 5.228 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

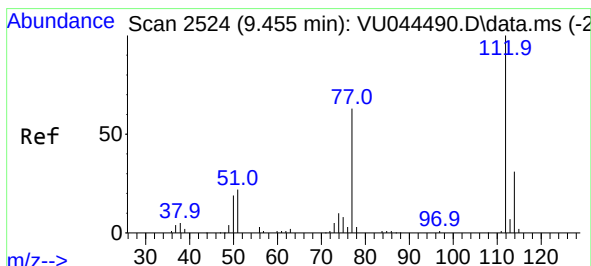
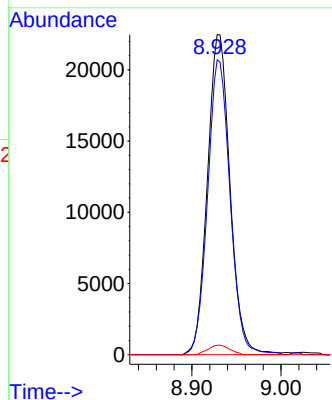
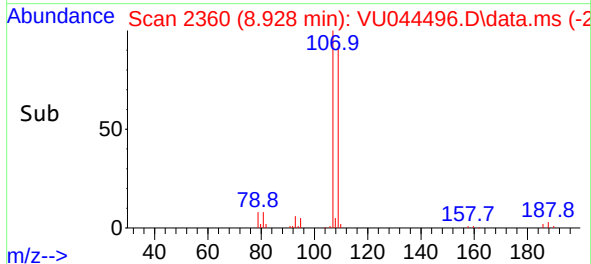
Instrument :
MSVOA_U
ClientSampleId :
H4555MSD



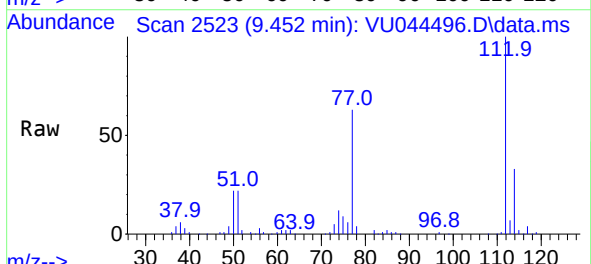
Tgt Ion:107 Resp: 39592
Ion Ratio Lower Upper
107 100
109 92.2 65.2 121.0
188 2.9 2.4 3.6

Manual Integrations
APPROVED

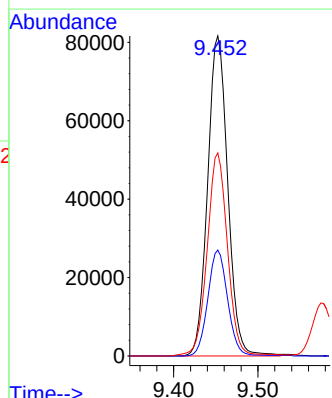
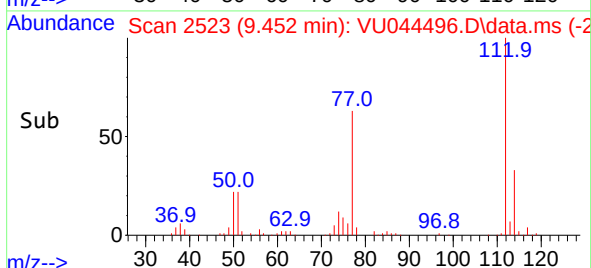
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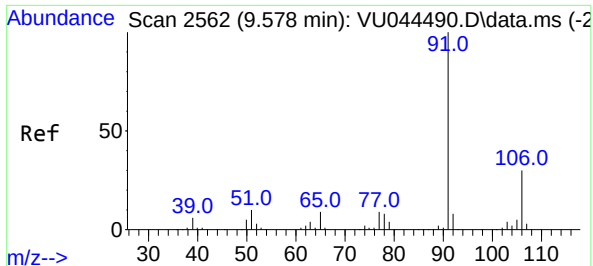


#51
Chlorobenzene
Concen: 5.006 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



Tgt Ion:112 Resp: 135694
Ion Ratio Lower Upper
112 100
114 33.1 22.7 42.1
77 63.5 51.3 76.9





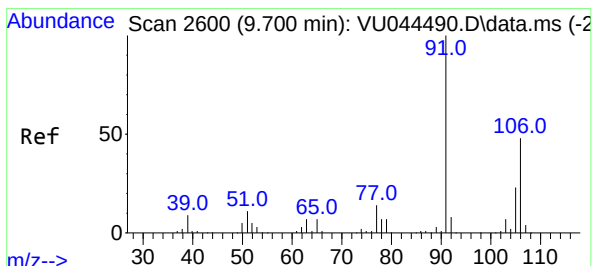
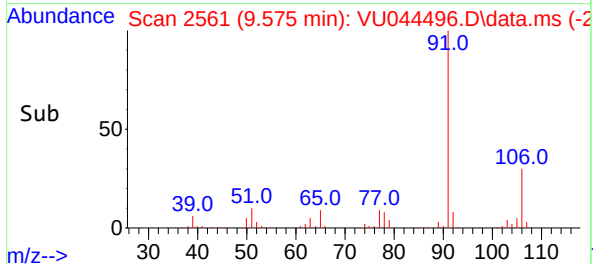
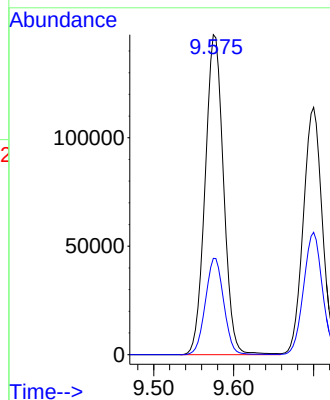
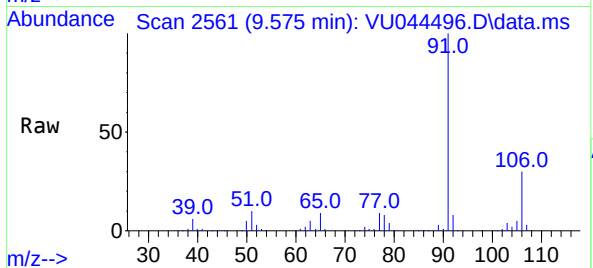
#52
Ethylbenzene
Concen: 5.066 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 91 Resp: 236345
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.6

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

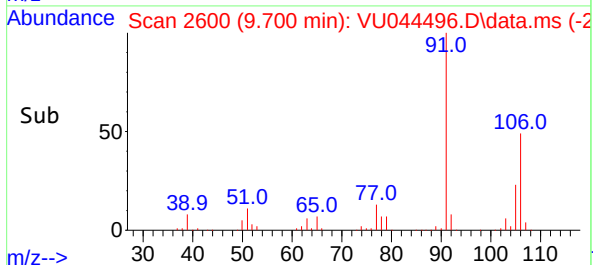
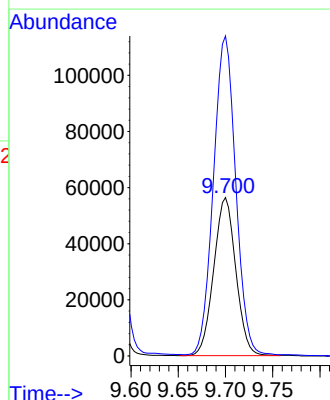
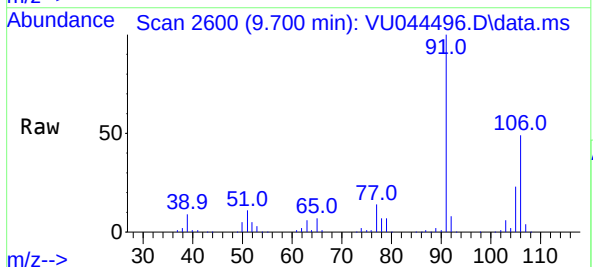
Manual Integrations
APPROVED

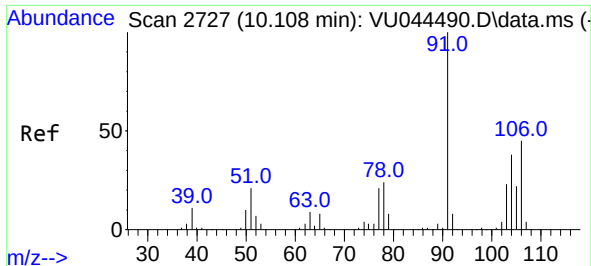
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#53
m,p-Xylene
Concen: 5.212 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 106 Resp: 91428
Ion Ratio Lower Upper
106 100
91 202.1 146.2 271.6





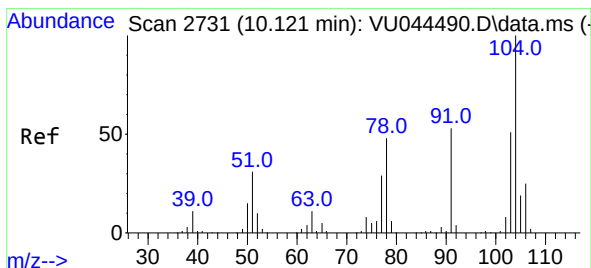
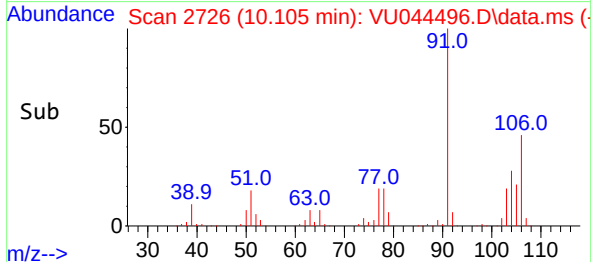
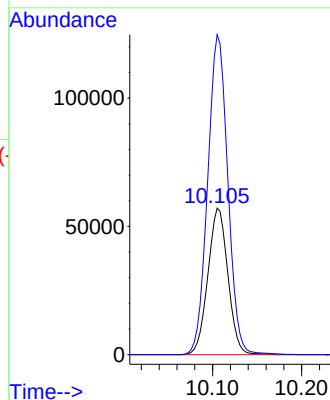
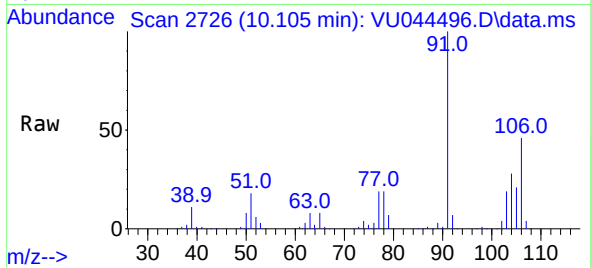
#54
o-Xylene
Concen: 5.222 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:106 Resp: 89216
Ion Ratio Lower Upper
106 100
91 218.3 154.4 286.8

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

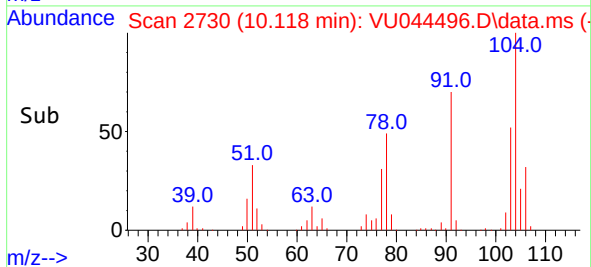
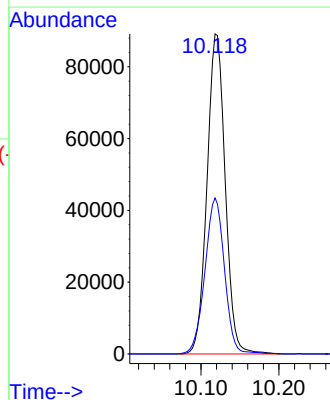
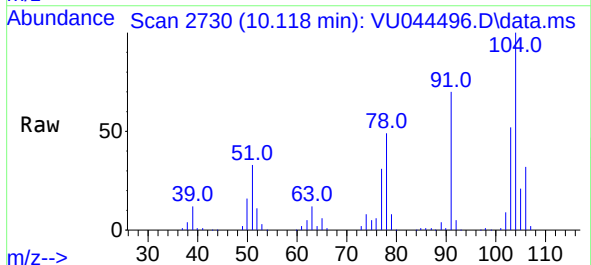
Manual Integrations
APPROVED

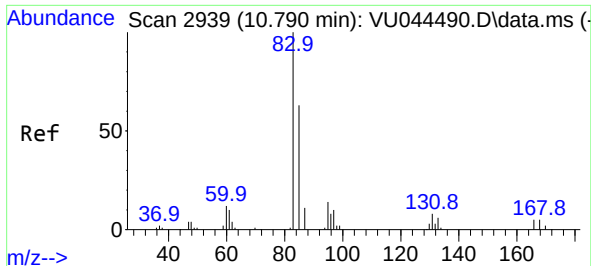
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#55
Styrene
Concen: 5.165 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:104 Resp: 144687
Ion Ratio Lower Upper
104 100
78 48.7 32.6 60.5





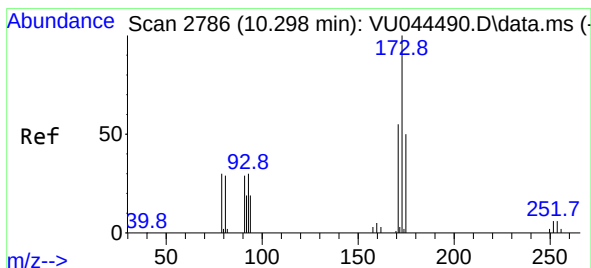
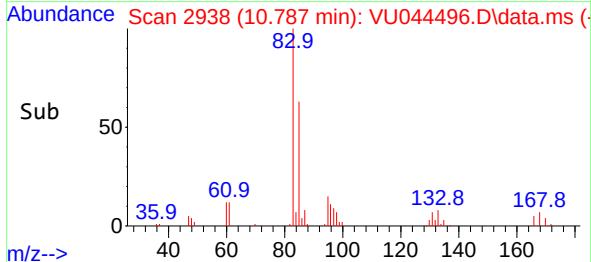
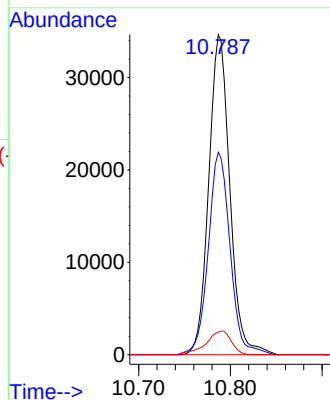
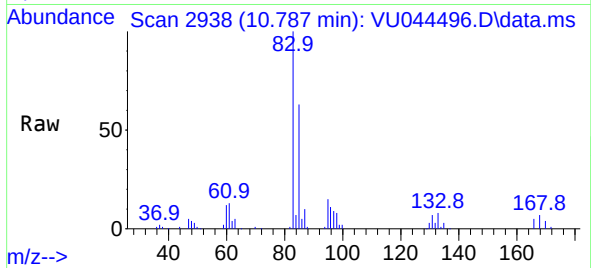
#57
1,1,2,2-Tetrachloroethane
Concen: 5.302 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion: 83 Resp: 55274
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
131 7.1 6.9 10.3

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

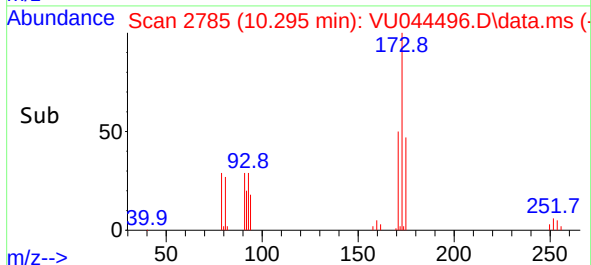
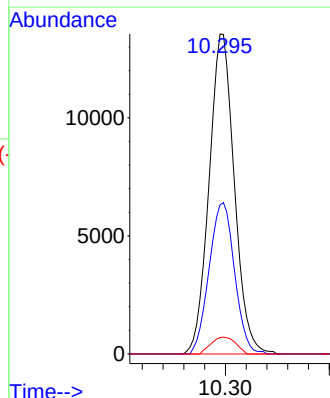
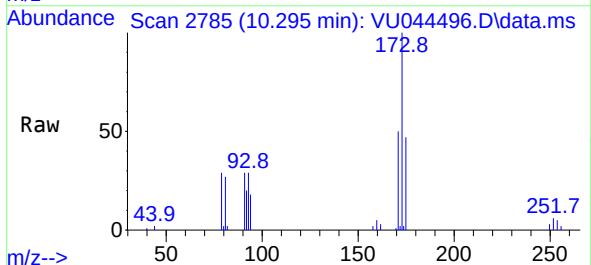
Manual Integrations
APPROVED

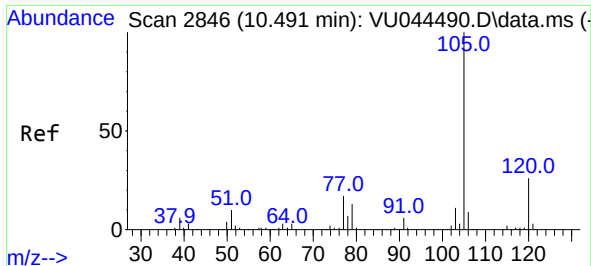
SAM
8/24/2021 11:22:01 AM



#59
Bromoform
Concen: 5.129 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

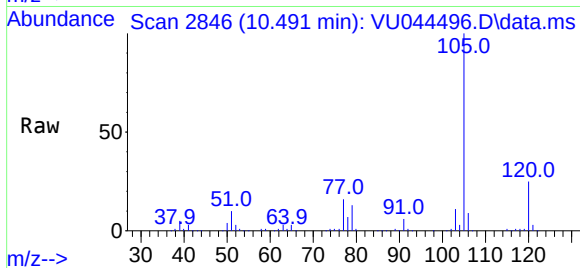
Tgt Ion: 173 Resp: 22806
Ion Ratio Lower Upper
173 100
175 47.6 38.0 57.0
254 5.1 4.3 6.5





#60
Isopropylbenzene
Concen: 5.061 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

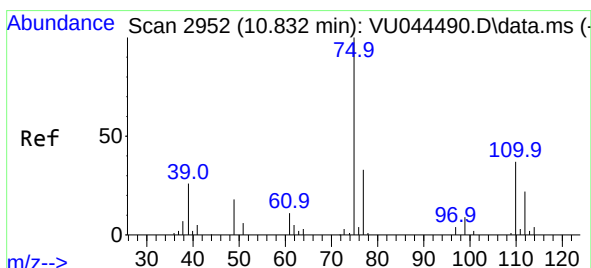
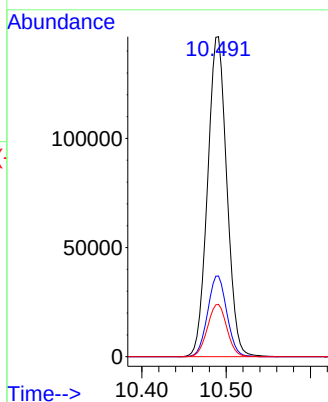
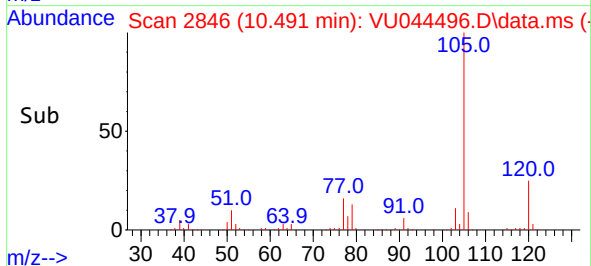
Instrument :
MSVOA_U
ClientSampled :
H4555MSD



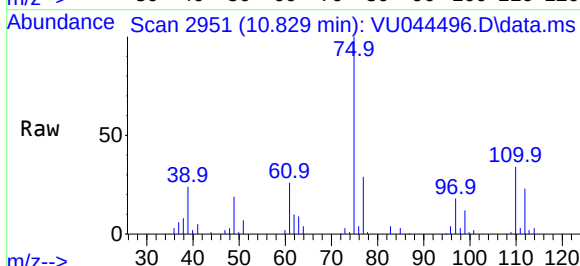
Tgt Ion:105 Resp: 232447
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 16.5 13.4 20.0

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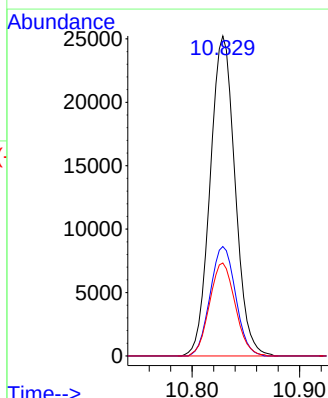
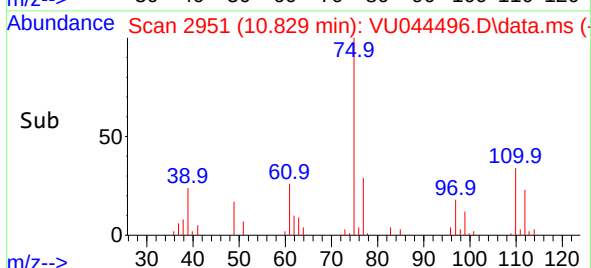
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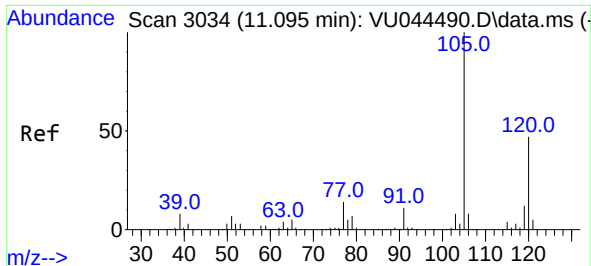


#61
1,2,3-Trichloropropane
Concen: 5.156 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



Tgt Ion: 75 Resp: 40550
Ion Ratio Lower Upper
75 100
110 35.0 28.4 42.6
77 30.1 26.5 39.7





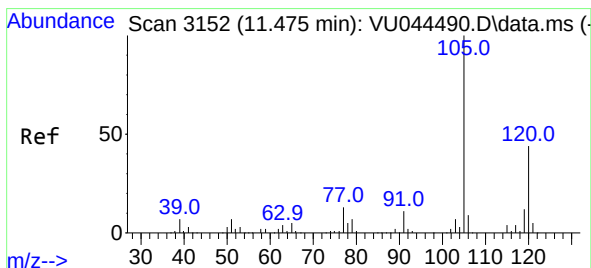
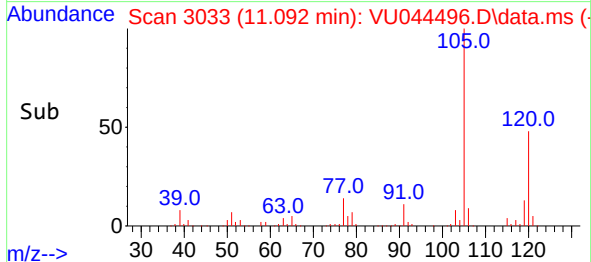
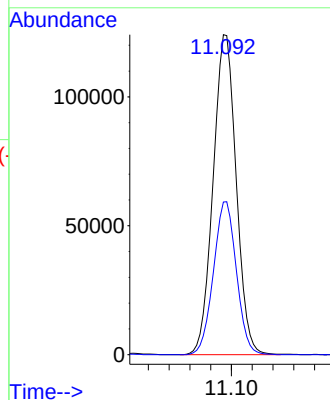
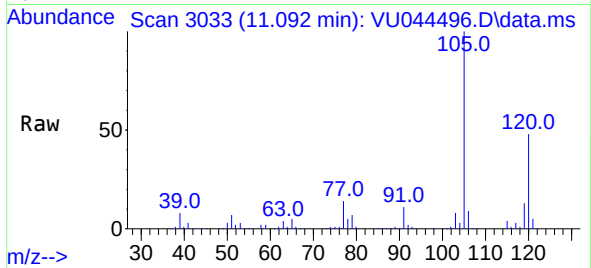
#62
1,3,5-Trimethylbenzene
Concen: 5.100 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:105 Resp: 191534
Ion Ratio Lower Upper
105 100
120 47.6 37.8 56.6

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

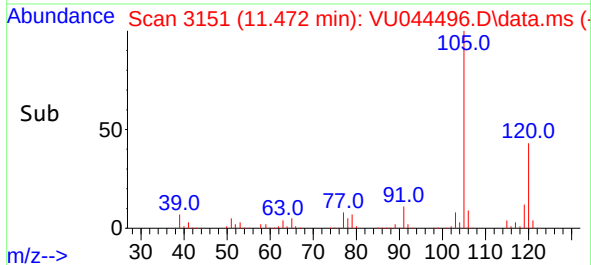
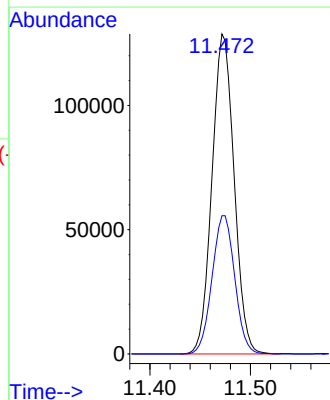
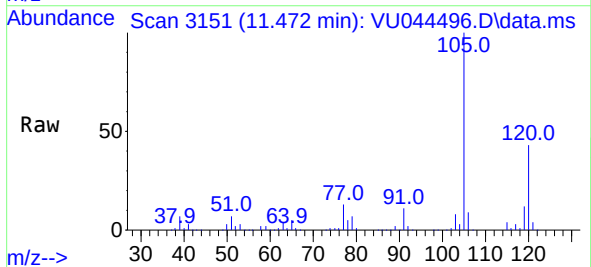
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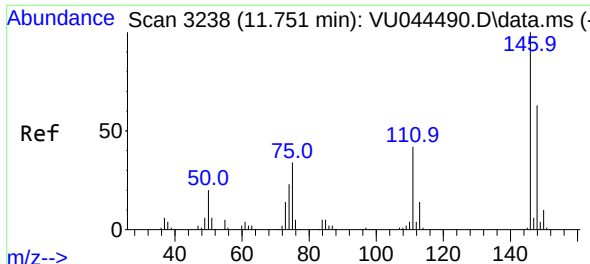
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#63
1,2,4-Trimethylbenzene
Concen: 5.113 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:105 Resp: 196921
Ion Ratio Lower Upper
105 100
120 44.3 35.2 52.8





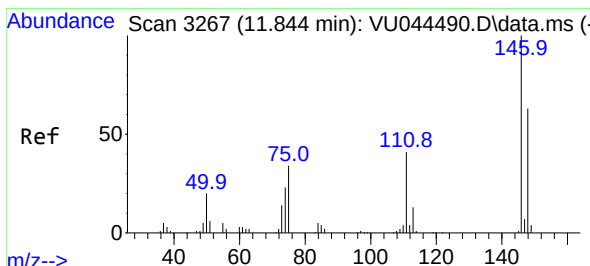
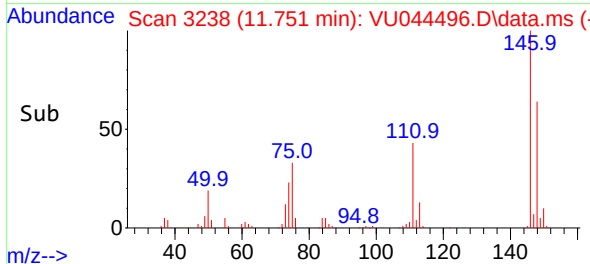
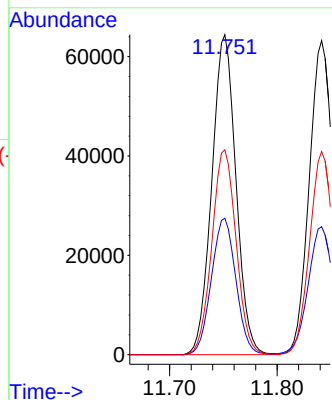
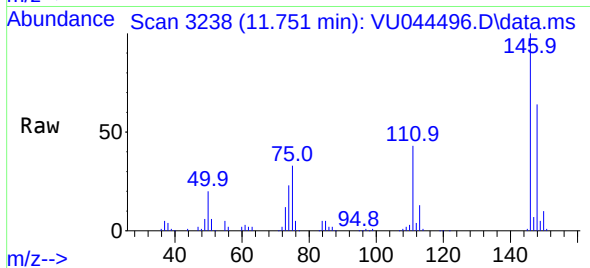
#64
1,3-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

Tgt Ion:146 Resp: 100504
Ion Ratio Lower Upper
146 100
111 42.6 29.6 55.0
148 64.1 44.7 83.1

Instrument :
MSVOA_U
ClientSampled :
H4555MSD

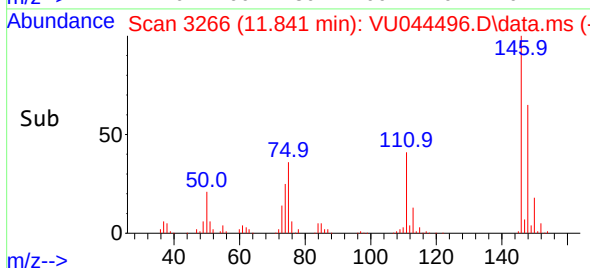
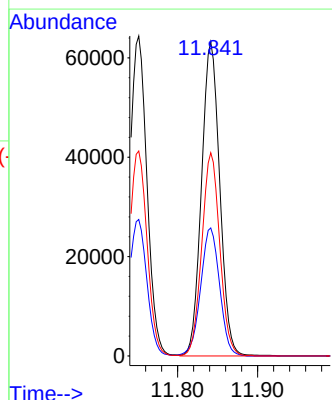
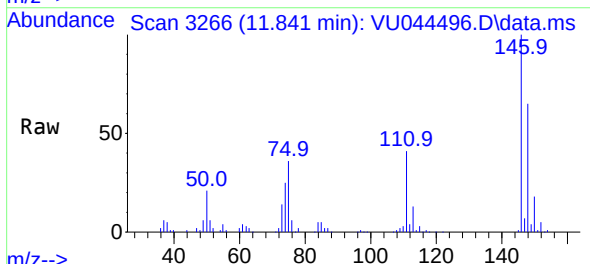
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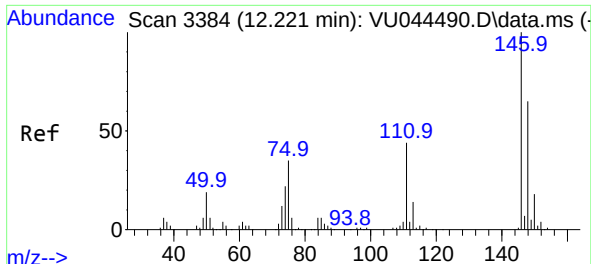
SAM
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#65
1,4-Dichlorobenzene
Concen: 4.928 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

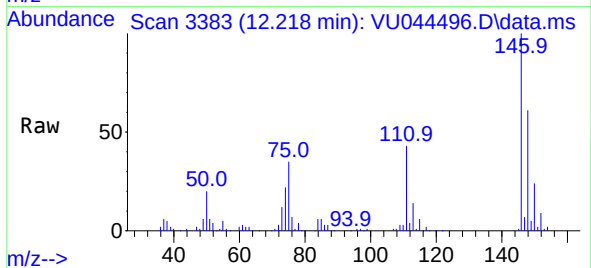
Tgt Ion:146 Resp: 100414
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 64.7 43.6 81.0





#67
1,2-Dichlorobenzene
Concen: 5.129 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

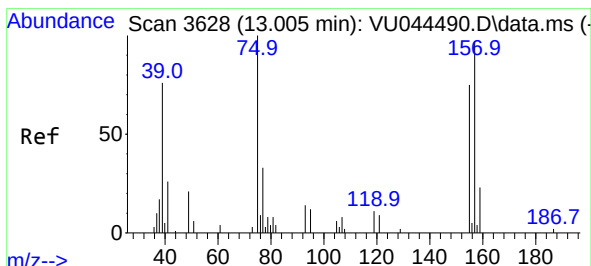
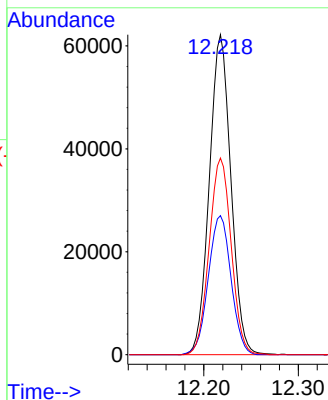
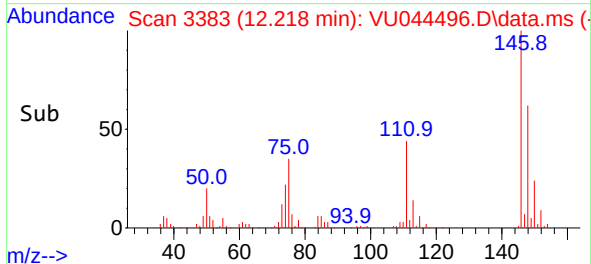
Instrument :
MSVOA_U
ClientSampled :
H4555MSD



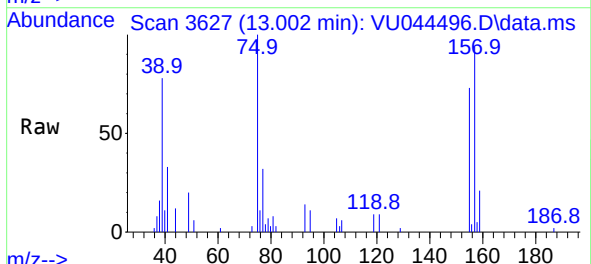
Tgt Ion:146 Resp: 98603
Ion Ratio Lower Upper
146 100
111 43.5 34.9 52.3
148 61.4 49.3 73.9

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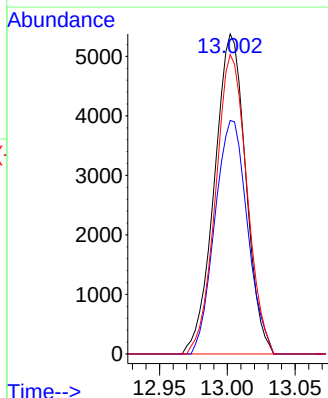
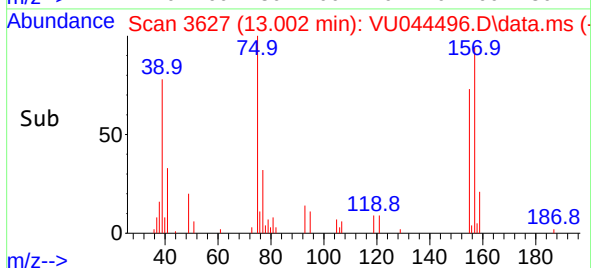
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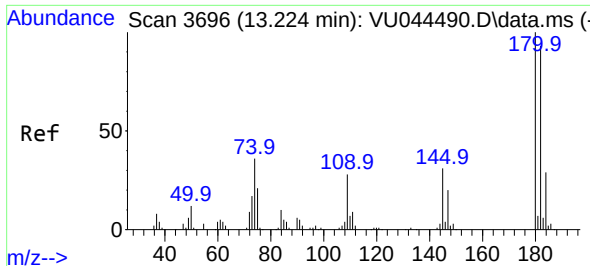


#68
1,2-Dibromo-3-chloropropane
Concen: 5.372 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



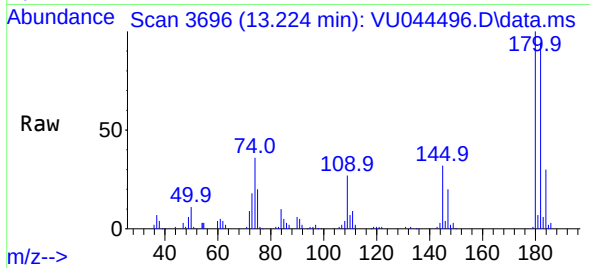
Tgt Ion: 75 Resp: 8643
Ion Ratio Lower Upper
75 100
155 72.9 61.2 91.8
157 93.5 74.2 111.2





#69
1,3,5-Trichlorobenzene
Concen: 4.854 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

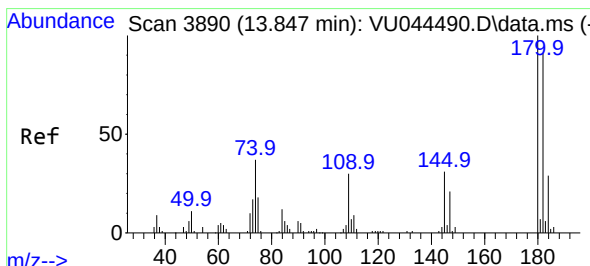
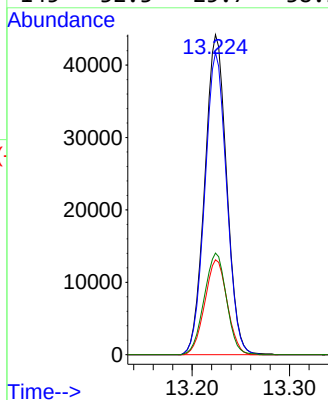
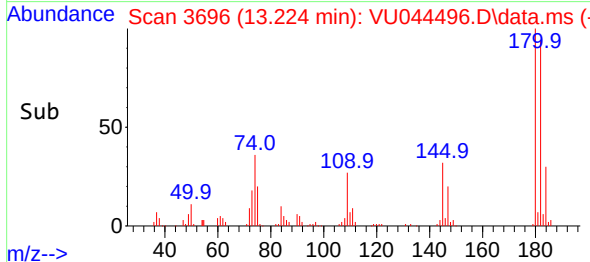
Instrument :
MSVOA_U
ClientSampled :
H4555MSD



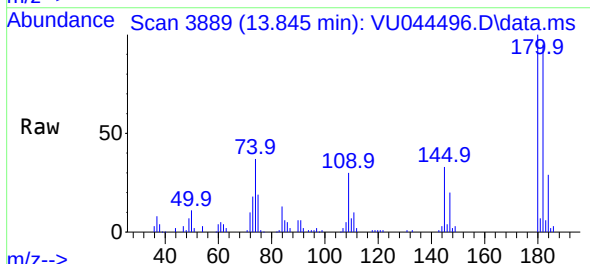
Tgt Ion:180 Resp: 68924
Ion Ratio Lower Upper
180 100
182 94.0 75.0 112.6
184 30.3 24.3 36.5
145 32.3 25.7 38.5

Manual Integrations
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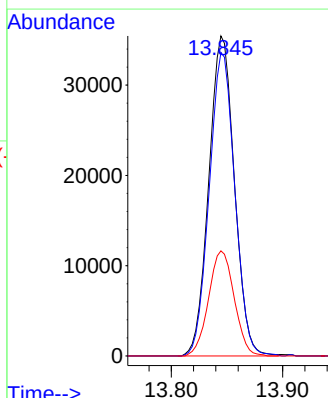
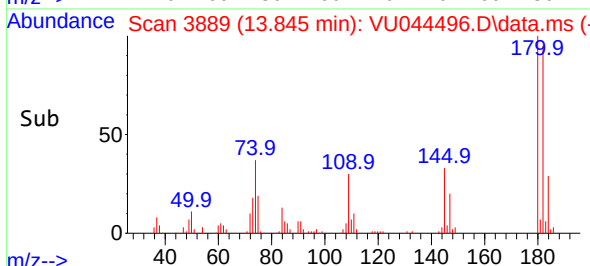
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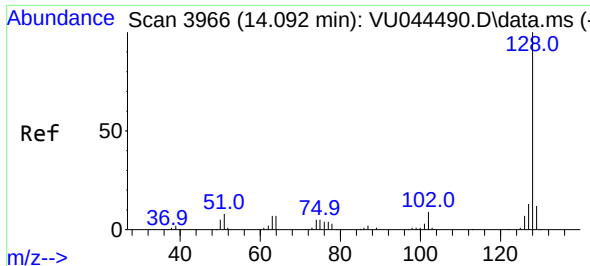


#70
1,2,4-trichlorobenzene
Concen: 5.071 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39

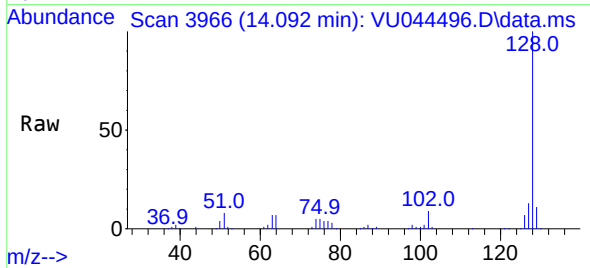


Tgt Ion:180 Resp: 56439
Ion Ratio Lower Upper
180 100
182 94.7 76.0 114.0
145 32.9 26.3 39.5

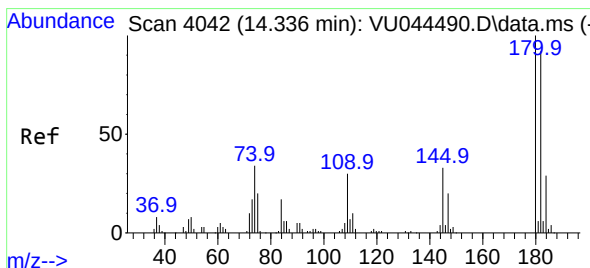
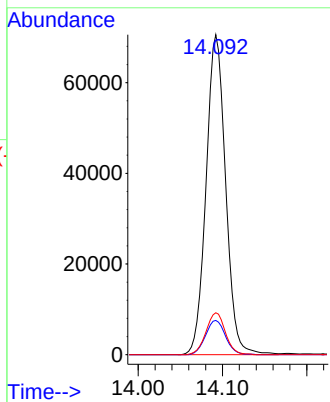
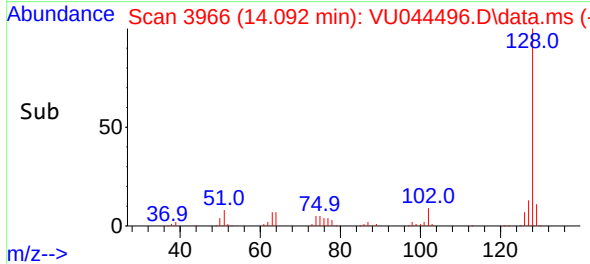




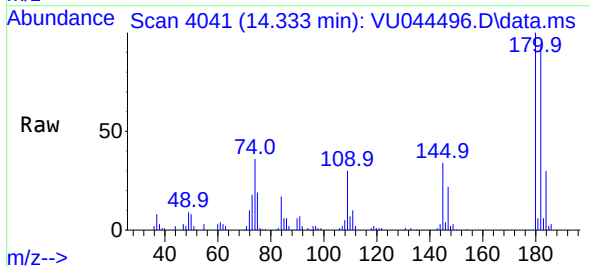
#71
Naphthalene
Concen: 5.372 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



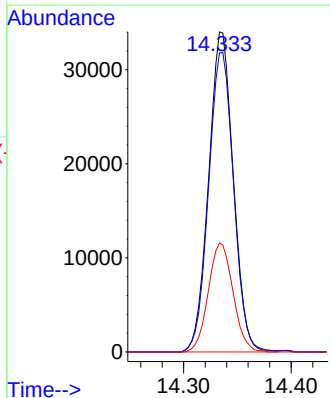
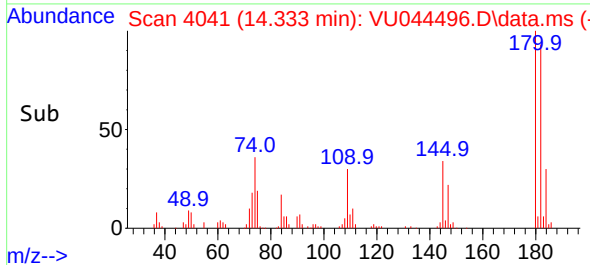
Tgt Ion:128 Resp: 113990
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.323 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU044496.D
Acq: 23 Aug 2021 12:39



Tgt Ion:180 Resp: 54242
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 34.1 27.1 40.7



Instrument :
MSVOA_U
ClientSampled :
H4555MSD

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