

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043294.D
 Acq On : 23 Apr 2021 16:22
 Operator : SY/MD
 Sample : M2124-14MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MSD

Manual Integrations
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 4/26/2021 2:45:47 PM

Quant Time: Apr 24 06:32:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108767	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	106898	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58029	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25885	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.919	69	23027	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.575	65	17000	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	4.665	46	129826	53.52	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	5.073	84	71776	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.710	65	43322	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.735	84	121620	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	42814	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.906	98	114993	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.186	79	16631	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.645	63	82011	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36798	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	44229	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						
3) Chloromethane	1.523	50	765	0.11	ug/L	Qvalue 93
5) Vinyl chloride	1.607	62	1320	0.18	ug/L	# 1
6) Bromomethane	1.864	94	1567	0.37	ug/L	91
8) Chloroethane	1.935	64	7266m	1.41	ug/L	
9) Trichlorofluoromethane	2.144	101	12903	0.97	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	14136	1.97	ug/L	95
12) 1,1-Dichloroethene	2.584	96	9157	1.51	ug/L	# 1
13) Acetone	2.687	43	82643	46.36	ug/L	99
14) Carbon disulfide	2.800	76	6838	0.44	ug/L	95
15) Methyl Acetate	2.970	43	16512	4.93	ug/L	# 78
16) Methylene chloride	3.054	84	20217	2.58	ug/L	# 77
17) Methyl tert-butyl Ether	3.375	73	71429	3.61	ug/L	# 90
18) trans-1,2-Dichloroethene	3.363	96	13290	2.06	ug/L	85
19) 1,1-Dichloroethane	3.880	63	47606	3.39	ug/L	97
21) 2-Butanone	4.742	43	146263	49.72	ug/L	81
22) cis-1,2-Dichloroethene	4.674	96	27509	3.60	ug/L	85
23) Bromochloromethane	4.983	128	13061	3.75	ug/L	# 79
25) Chloroform	5.099	83	59835	4.00	ug/L	97
27) 1,2-Dichloroethane	5.803	62	45242	4.12	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	45782	3.47	ug/L	95
30) Cyclohexane	5.398	56	15649	1.38	ug/L	86
31) Carbon tetrachloride	5.536	117	34913	3.17	ug/L	98
33) Benzene	5.784	78	89794	3.14	ug/L	100
34) Trichloroethene	6.549	95	30241	3.84	ug/L	93
35) Methylcyclohexane	6.771	83	18581	1.71	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	33945	4.22	ug/L	98
38) Bromodichloromethane	7.115	83	50202	4.65	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	48521	4.13	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	390395	54.22	ug/L #	83
42) Toluene	7.977	91	118429	3.71	ug/L	93
44) trans-1,3-Dichloropropene	8.218	75	48390	4.37	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	29313	4.88	ug/L	96
47) Tetrachloroethene	8.562	164	21209	3.40	ug/L	91
48) 2-Hexanone	8.697	43	307219	57.99	ug/L #	82
49) Dibromochloromethane	8.816	129	37334	4.92	ug/L	97
50) 1,2-Dibromoethane	8.931	107	26906	4.50	ug/L #	97
51) Chlorobenzene	9.452	112	89139	4.38	ug/L	93
52) Ethylbenzene	9.578	91	147059	4.02	ug/L	99
53) m,p-Xylene	9.700	106	53522	4.00	ug/L	85
54) o-Xylene	10.108	106	55664	4.20	ug/L	93
55) Styrene	10.121	104	100027	4.40	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	44365	5.61	ug/L	97
59) Bromoform	10.298	173	23327	4.92	ug/L	99
60) Isopropylbenzene	10.491	105	156776	4.21	ug/L	97
61) 1,2,3-Trichloropropane	10.829	75	32246	5.38	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	128953	4.23	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	133466	4.26	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	83097	4.70	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	85733	4.78	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	83442	4.86	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	7516	5.15	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	69111	4.77	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	57923	4.82	ug/L	99
71) Naphthalene	14.092	128	113204	5.59	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	58209	5.29	ug/L	100

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

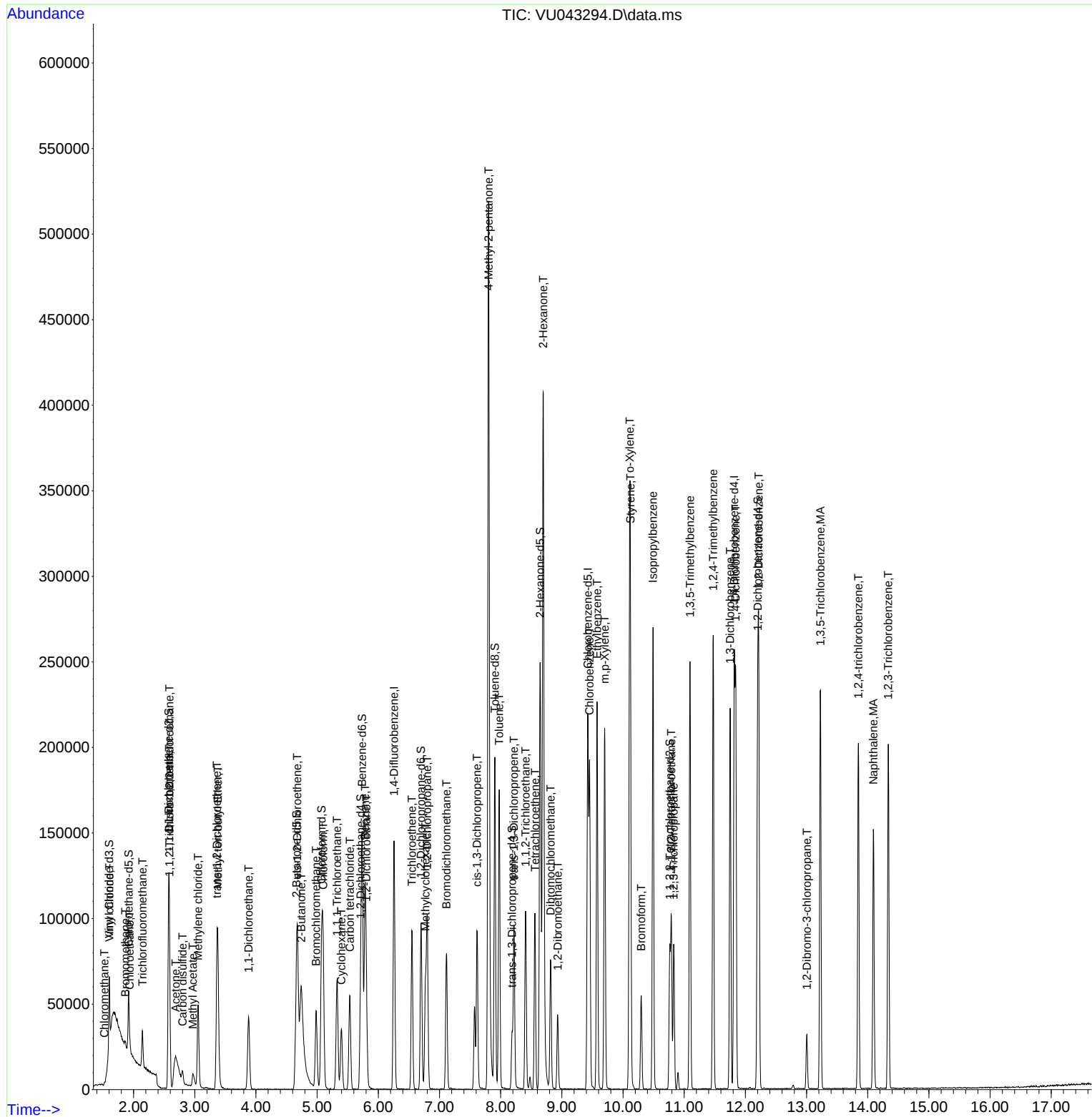
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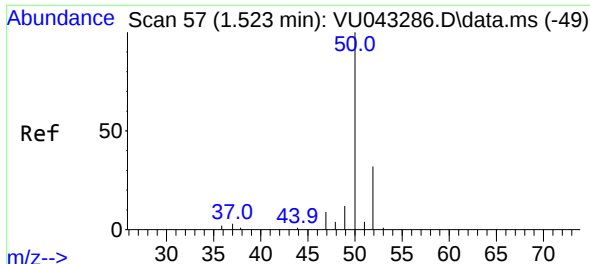
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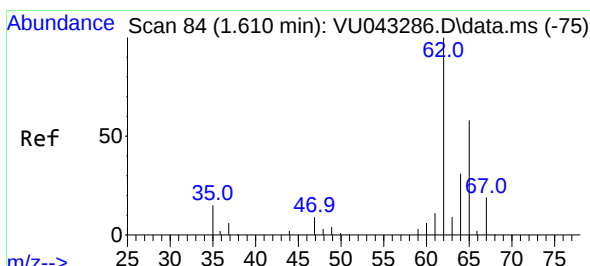
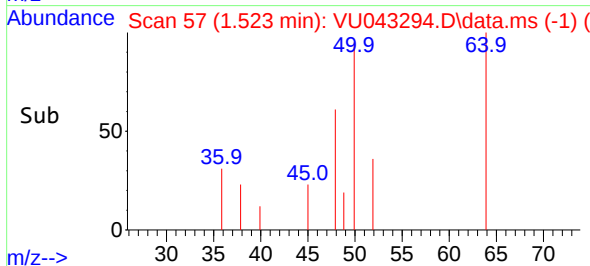
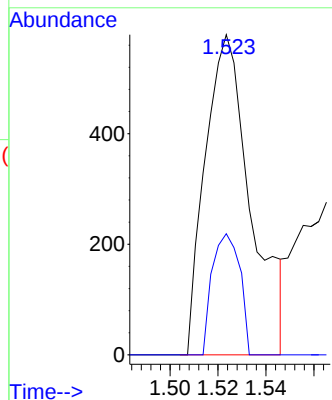
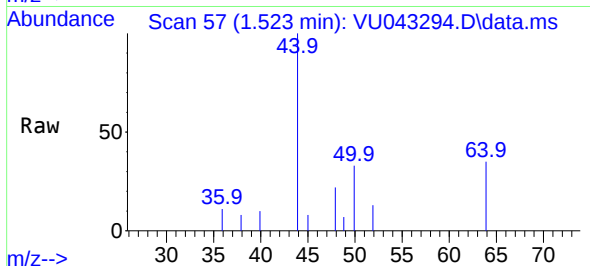
#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 50 Resp: 765
Ion Ratio Lower Upper
50 100
52 37.8 23.6 43.8

Instrument :
MSVOA_U
ClientSampled :
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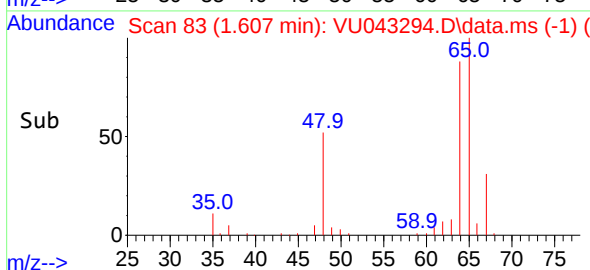
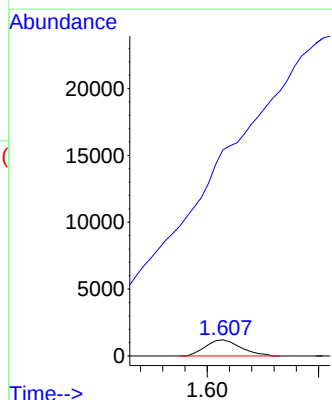
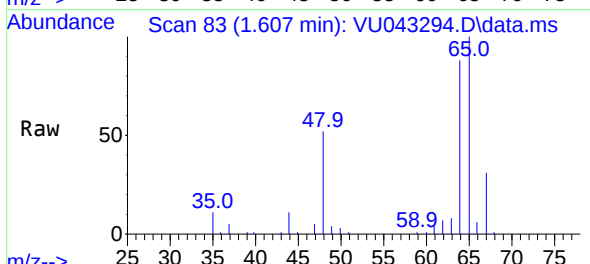
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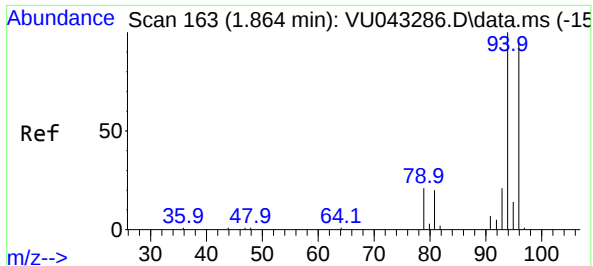
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#5
Vinyl chloride
Concen: 0.18 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 62 Resp: 1320
Ion Ratio Lower Upper
62 100
64 1270.8 22.8 42.4#





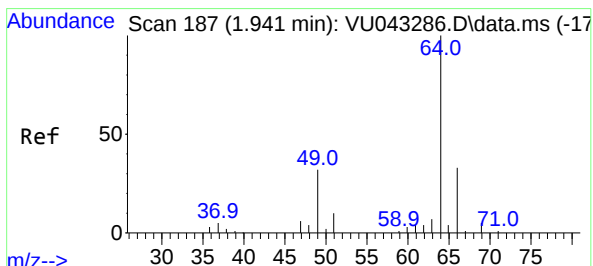
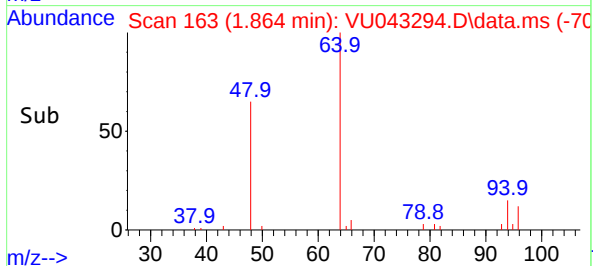
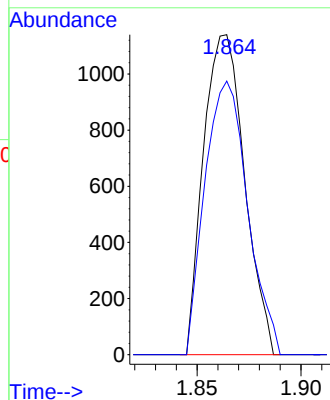
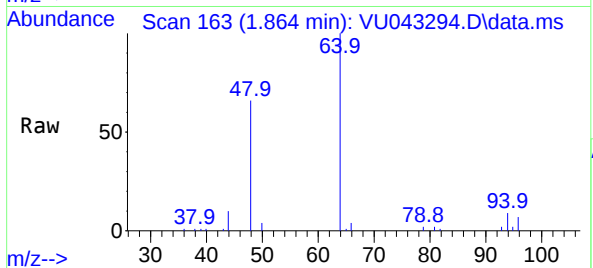
#6
Bromomethane
Concen: 0.37 ug/L
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 94 Resp: 1567
Ion Ratio Lower Upper
94 100
96 85.5 66.1 122.7

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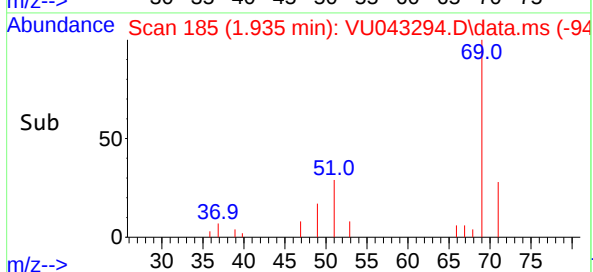
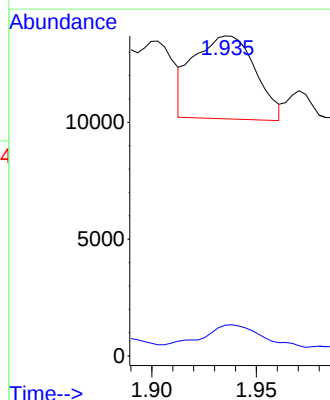
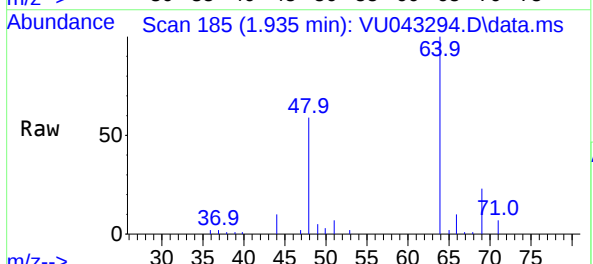
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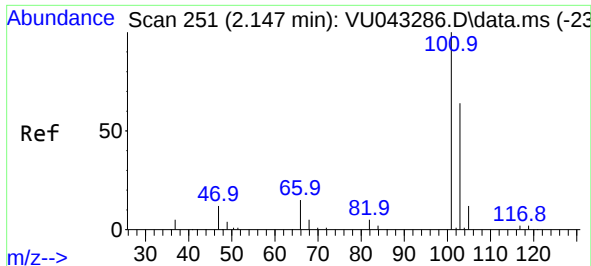
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#8
Chloroethane
Concen: 1.41 ug/L m
RT: 1.935 min Scan# 185
Delta R.T. -0.006 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 64 Resp: 7266
Ion Ratio Lower Upper
64 100
66 9.6 22.4 41.6#





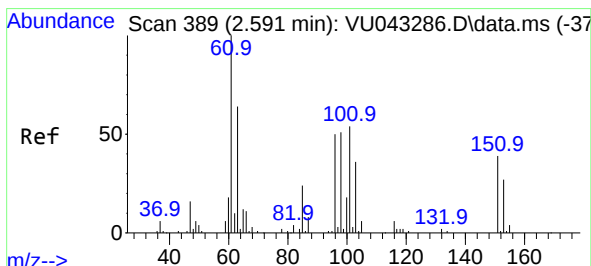
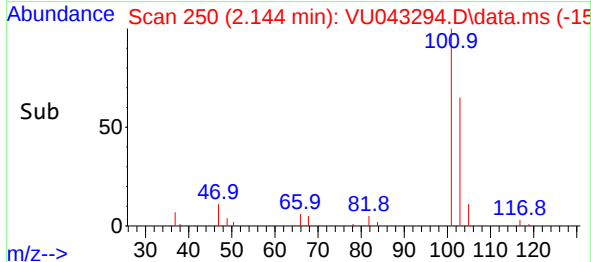
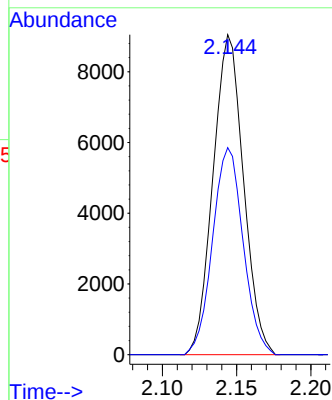
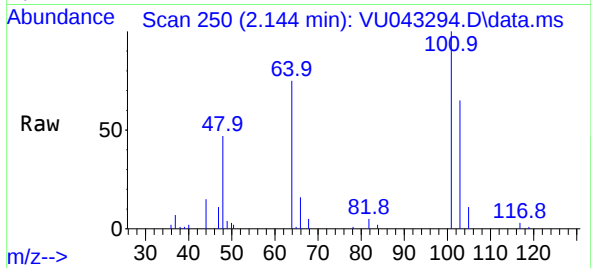
#9
Trichlorofluoromethane
Concen: 0.97 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:101 Resp: 12903
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

Instrument :
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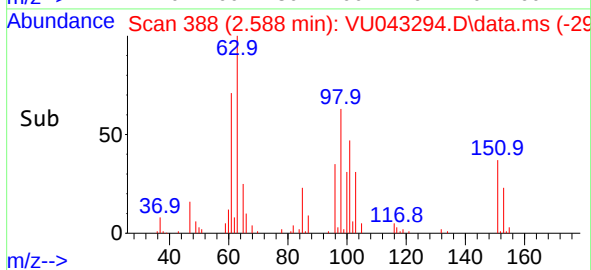
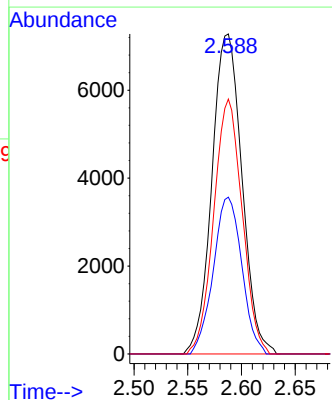
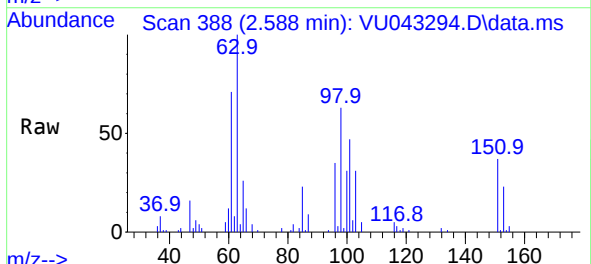
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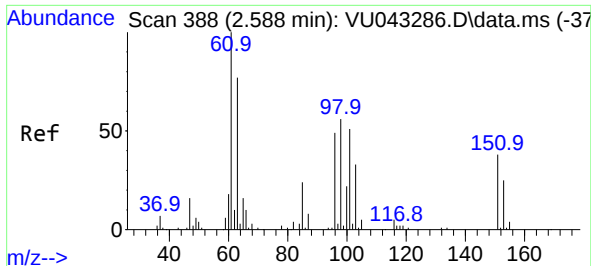
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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.97 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:101 Resp: 14136
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 75.2 57.4 86.2





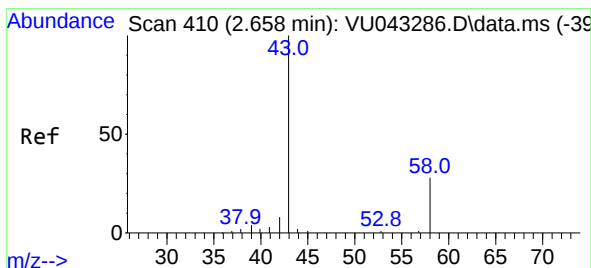
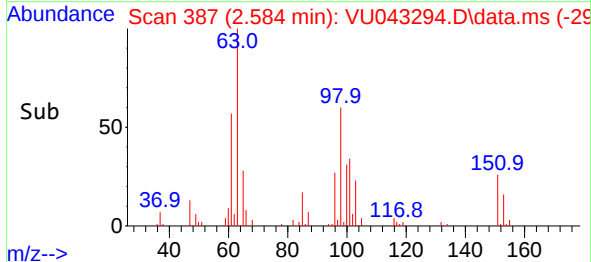
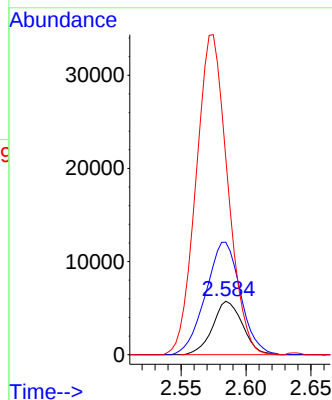
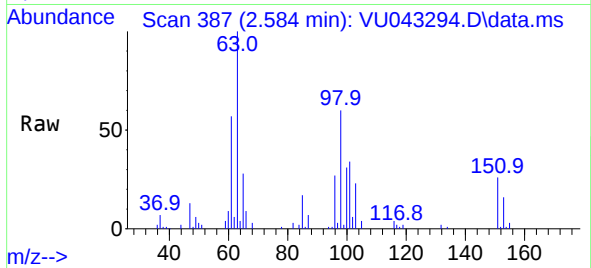
#12
1,1-Dichloroethene
Concen: 1.51 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 96 Resp: 9157
Ion Ratio Lower Upper
96 100
61 210.8 115.1 213.7
63 367.8 84.1 156.1#

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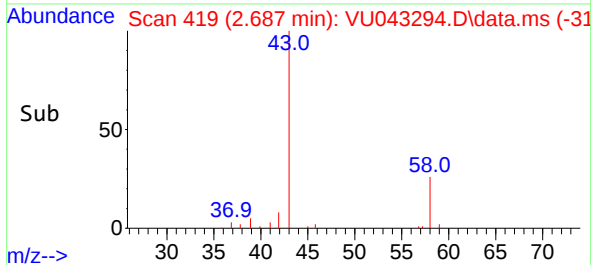
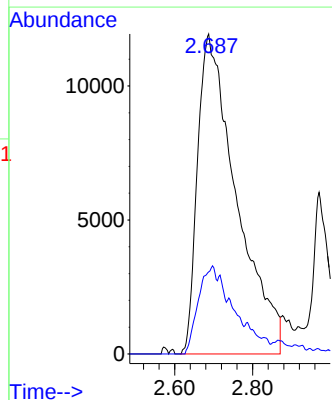
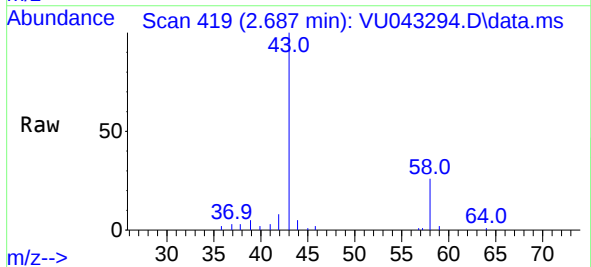
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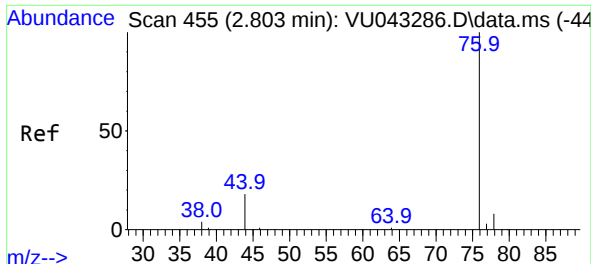
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#13
Acetone
Concen: 46.36 ug/L
RT: 2.687 min Scan# 419
Delta R.T. 0.029 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 43 Resp: 82643
Ion Ratio Lower Upper
43 100
58 12.8 0.0 25.0





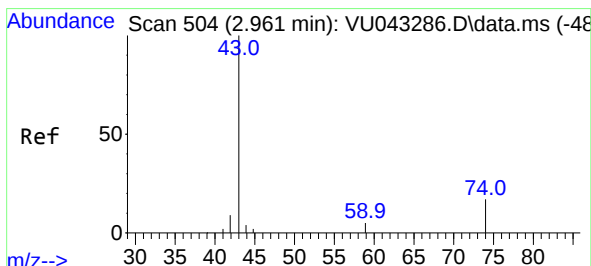
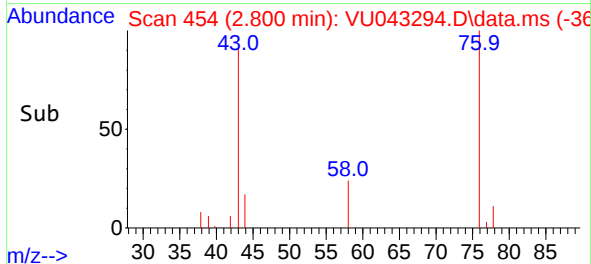
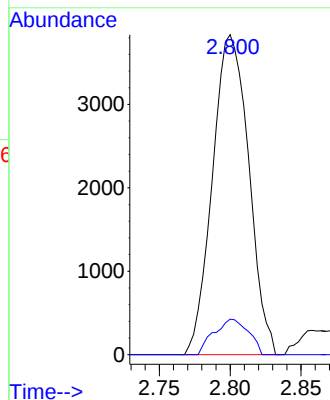
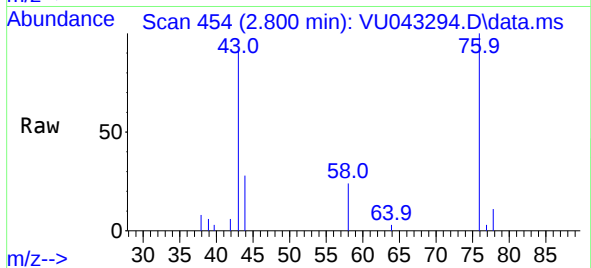
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Carbon disulfide
Concen: 0.44 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 76 Resp: 6838
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3

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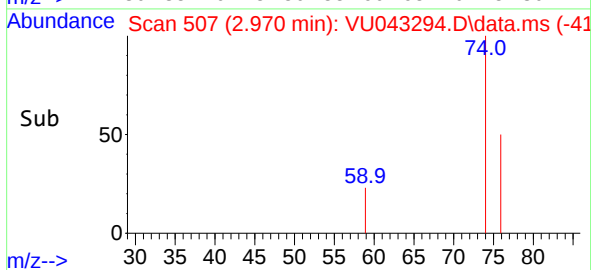
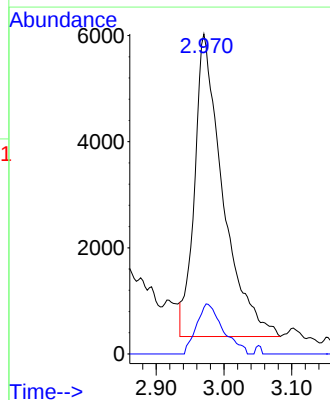
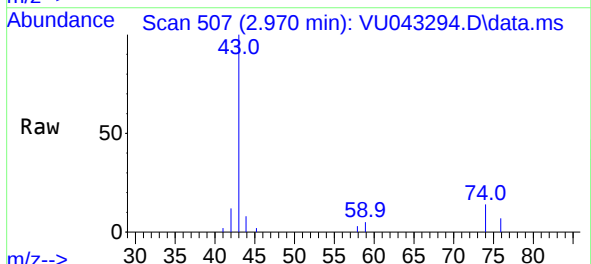
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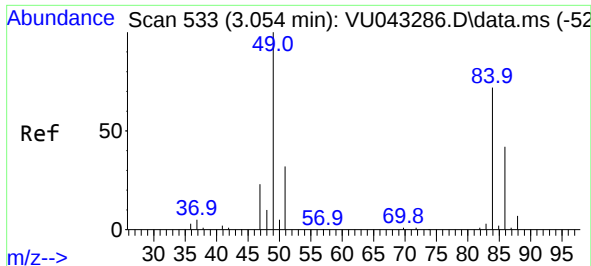
MMDadoda
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#15
Methyl Acetate
Concen: 4.93 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.010 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

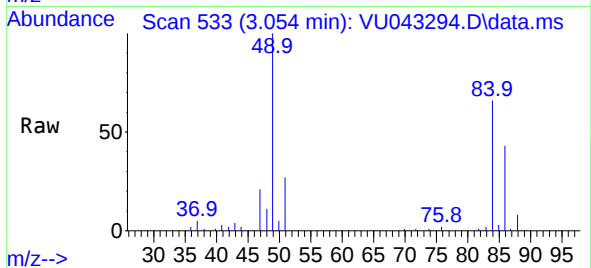
Tgt Ion: 43 Resp: 16512
Ion Ratio Lower Upper
43 100
74 15.6 21.5 32.3#





#16
Methylene chloride
Concen: 2.58 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

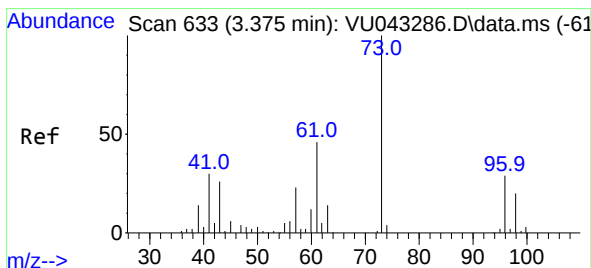
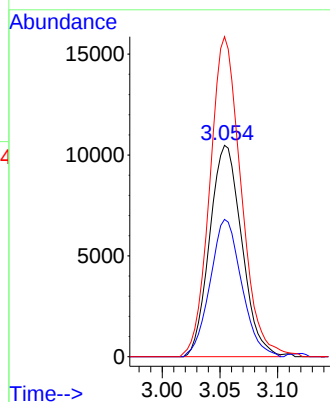
Instrument :
MSVOA_U
ClientSampleId :
H4511MSD



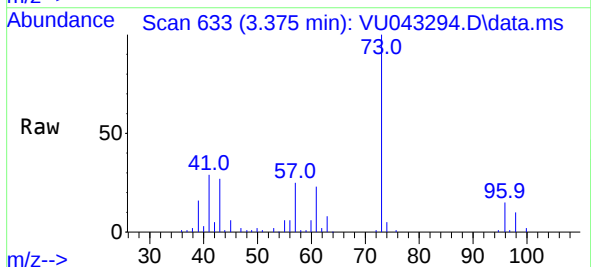
Tgt Ion: 84 Resp: 20217
Ion Ratio Lower Upper
84 100
86 65.0 44.9 83.5
49 151.4 79.0 146.8#

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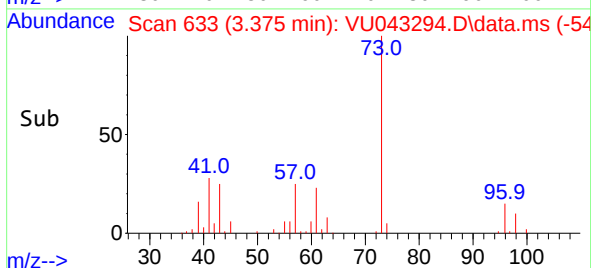
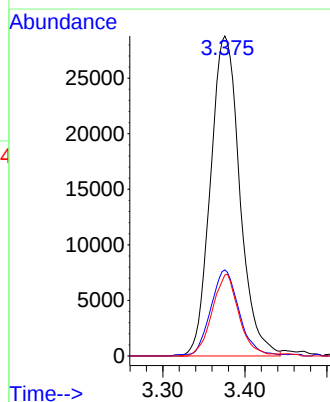
MMDadoda
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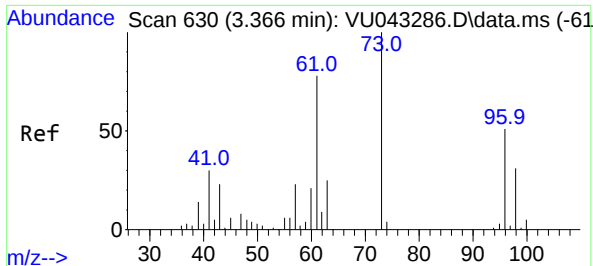


#17
Methyl tert-butyl Ether
Concen: 3.61 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

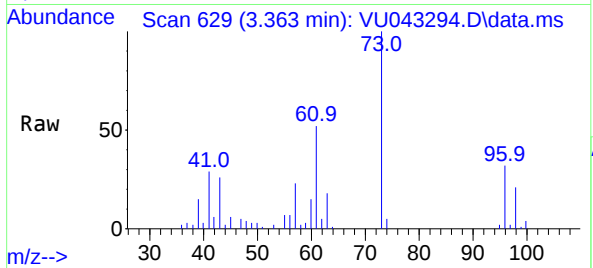


Tgt Ion: 73 Resp: 71429
Ion Ratio Lower Upper
73 100
43 26.3 15.0 22.4#
57 23.4 17.3 25.9

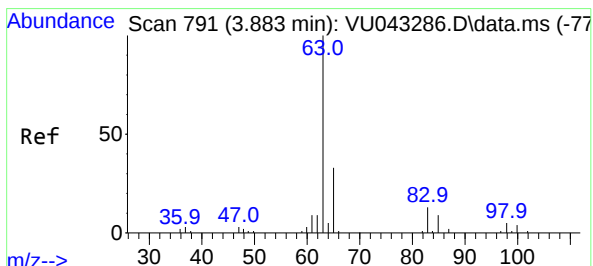
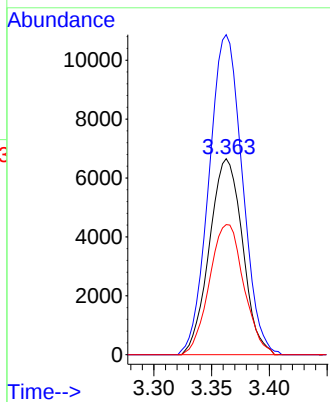
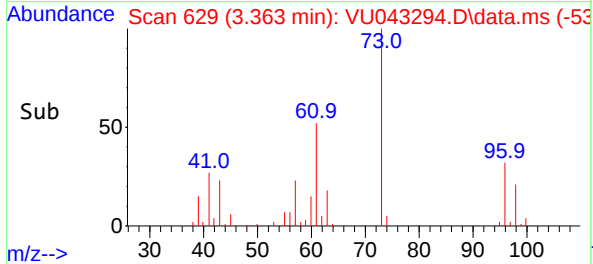




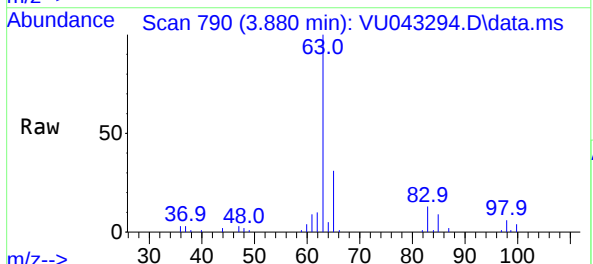
#18
trans-1,2-Dichloroethene
Concen: 2.06 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



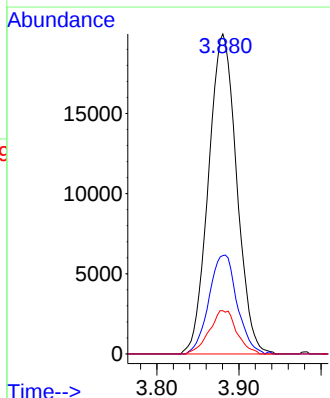
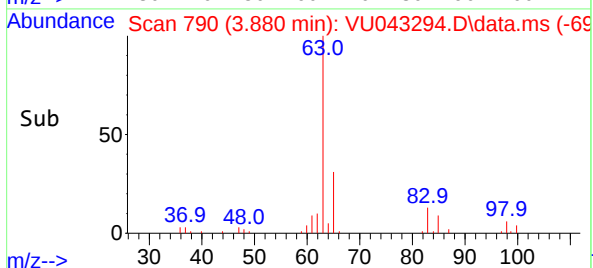
Tgt Ion: 96 Resp: 13290
Ion Ratio Lower Upper
96 100
61 163.3 96.6 179.4
98 66.4 44.7 82.9



#19
1,1-Dichloroethane
Concen: 3.39 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



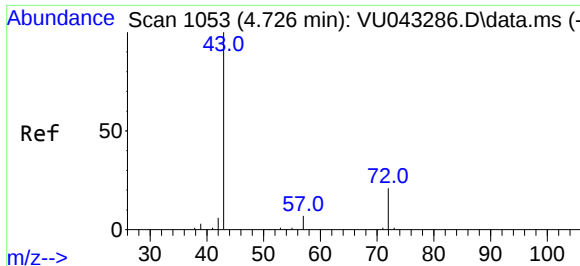
Tgt Ion: 63 Resp: 47606
Ion Ratio Lower Upper
63 100
65 30.8 23.2 43.0
83 13.5 9.9 18.3



Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

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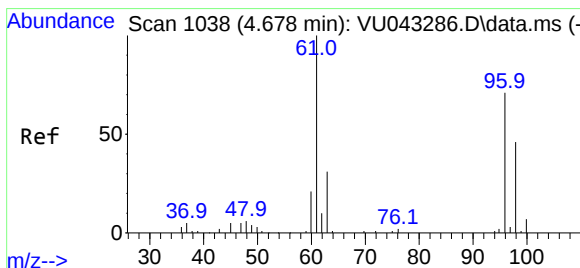
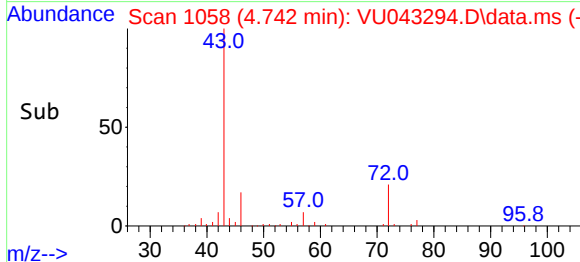
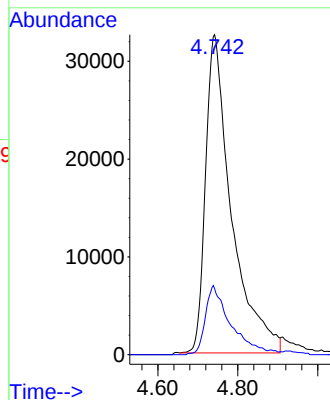
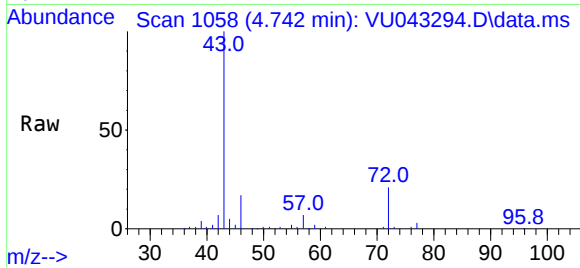
#21
2-Butanone
Concen: 49.72 ug/L
RT: 4.742 min Scan# 1058
Delta R.T. 0.016 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 43 Resp: 146263
Ion Ratio Lower Upper
43 100
72 20.9 15.8 47.3

Instrument :
MSVOA_U
ClientSampled :
H4511MSD

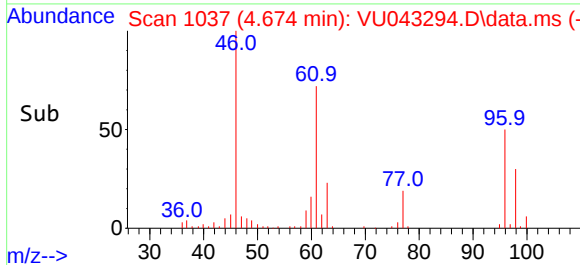
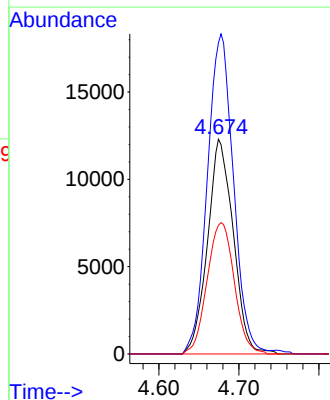
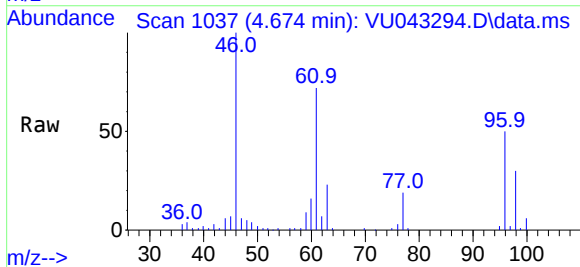
Manual Integrations
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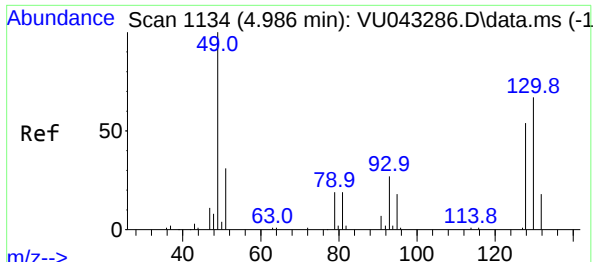
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#22
cis-1,2-Dichloroethene
Concen: 3.60 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 96 Resp: 27509
Ion Ratio Lower Upper
96 100
61 144.9 87.4 162.4
98 59.9 47.7 88.5





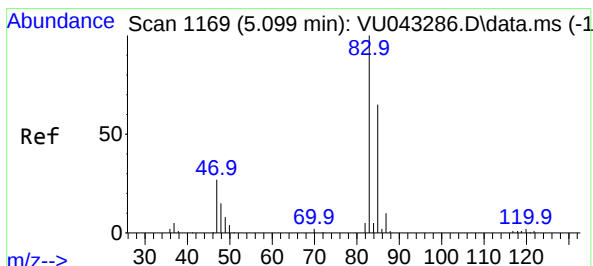
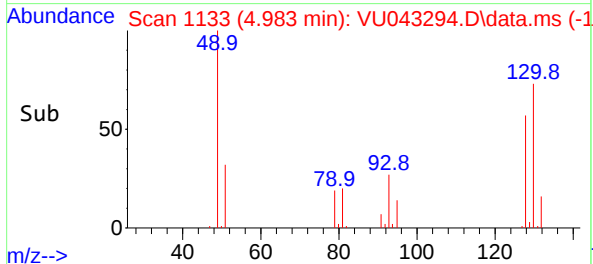
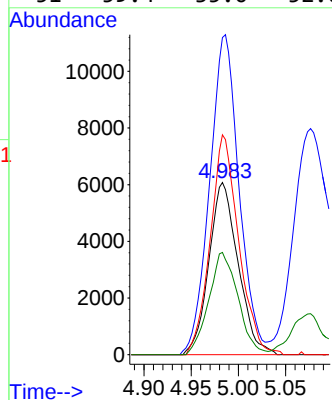
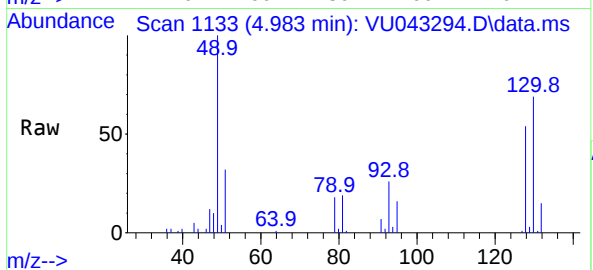
#23
Bromochloromethane
Concen: 3.75 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:128 Resp: 13061
Ion Ratio Lower Upper
128 100
49 184.2 96.4 179.0#
130 127.7 91.2 169.4
51 59.4 35.0 52.6#

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

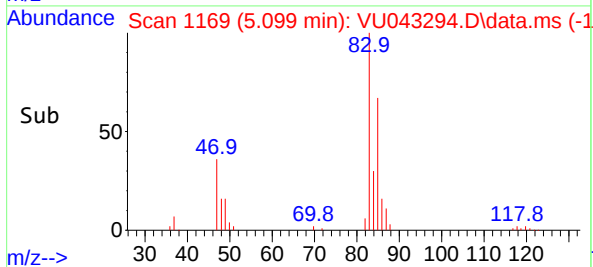
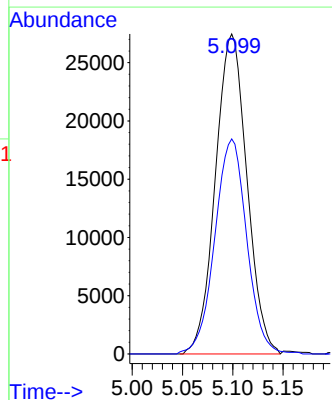
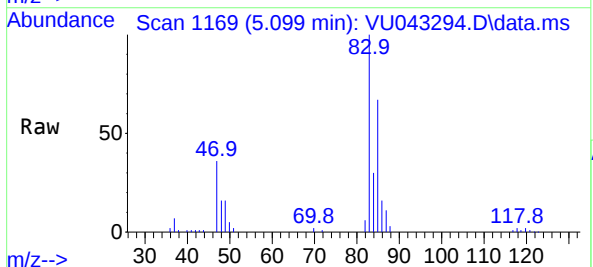
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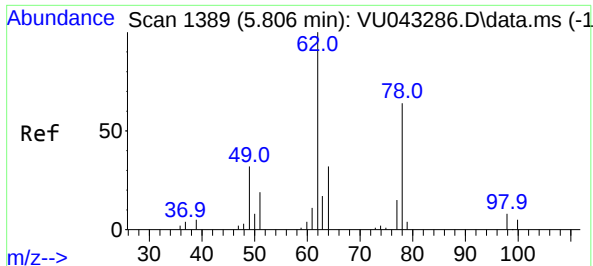
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#25
Chloroform
Concen: 4.00 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 83 Resp: 59835
Ion Ratio Lower Upper
83 100
85 67.2 45.6 84.8





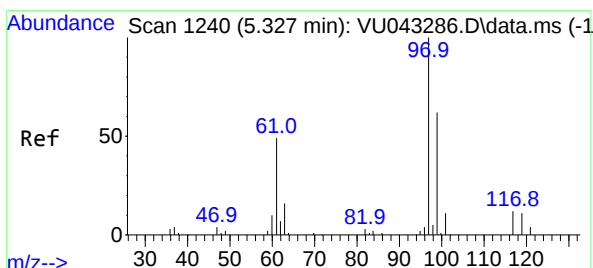
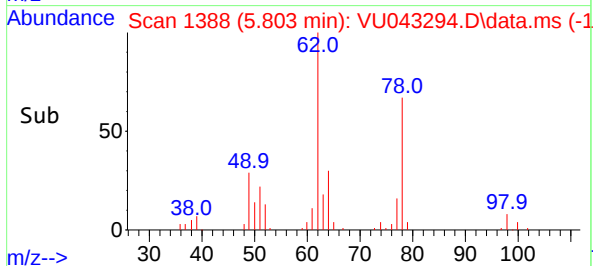
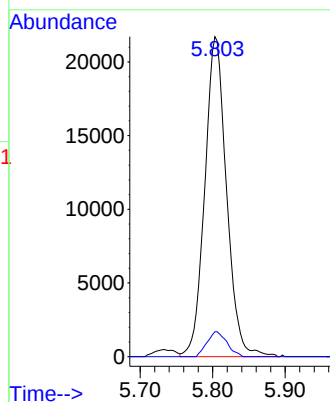
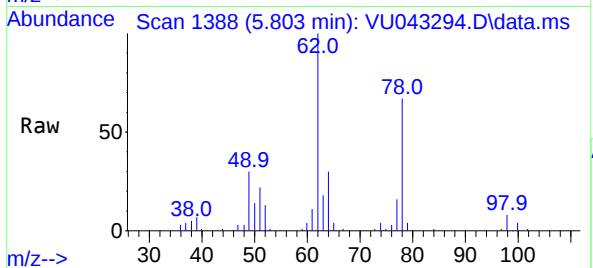
#27
1,2-Dichloroethane
Concen: 4.12 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 62 Resp: 45242
Ion Ratio Lower Upper
62 100
98 7.8 7.5 11.3

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

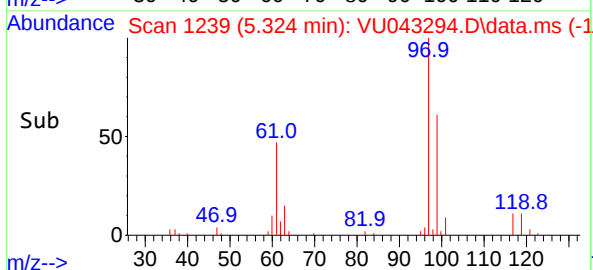
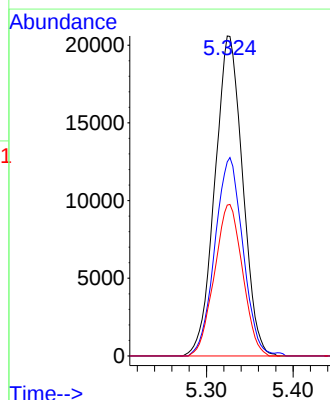
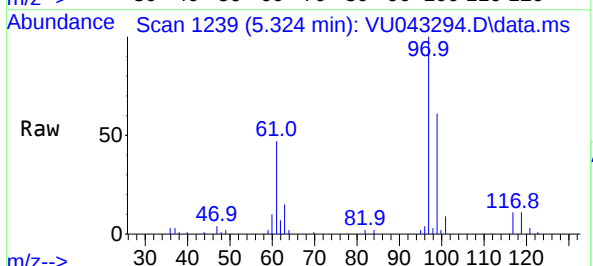
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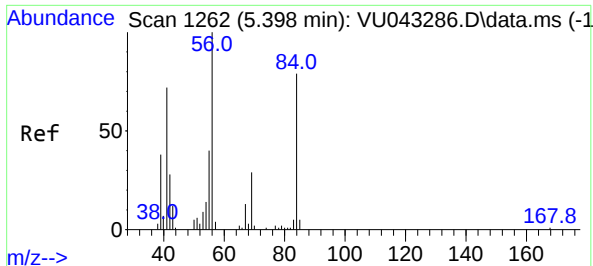
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#29
1,1,1-Trichloroethane
Concen: 3.47 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

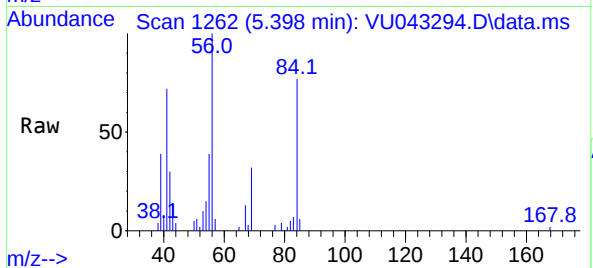
Tgt Ion: 97 Resp: 45782
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 48.0 32.7 49.1





#30
Cyclohexane
Concen: 1.38 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

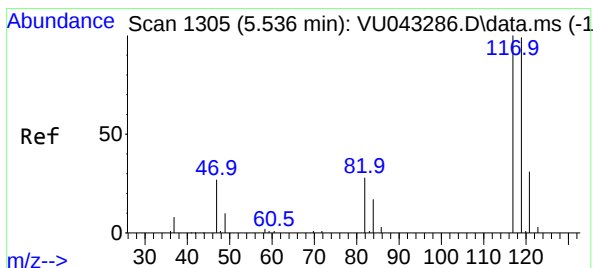
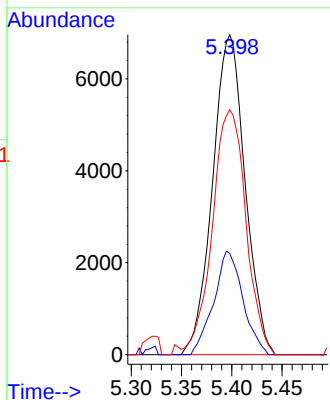
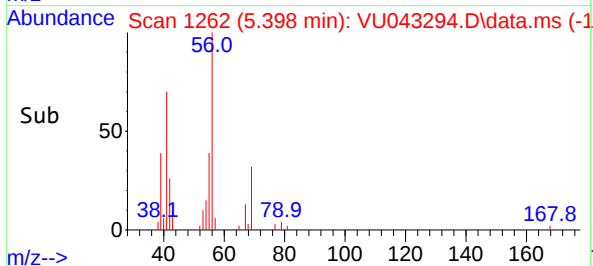
Instrument :
MSVOA_U
ClientSampleId :
H4511MSD



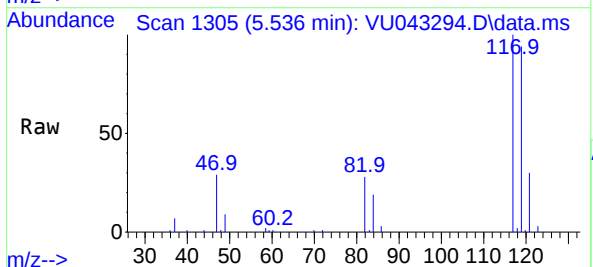
Tgt Ion: 56 Resp: 15649
Ion Ratio Lower Upper
56 100
69 29.1 25.2 37.8
84 78.8 76.2 114.4

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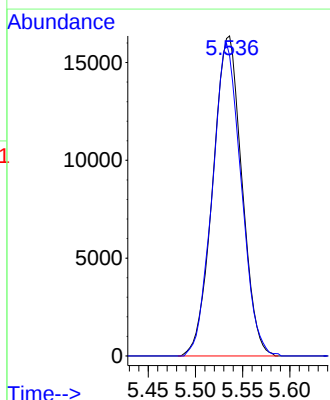
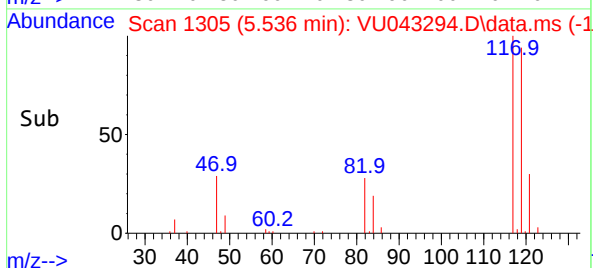
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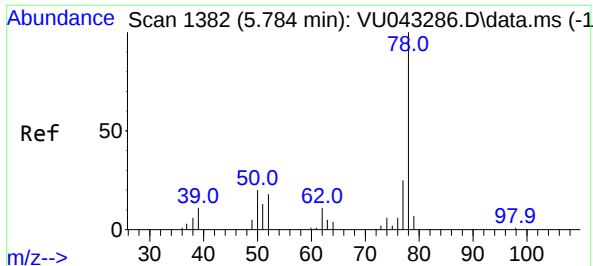


#31
Carbon tetrachloride
Concen: 3.17 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



Tgt Ion: 117 Resp: 34913
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.4





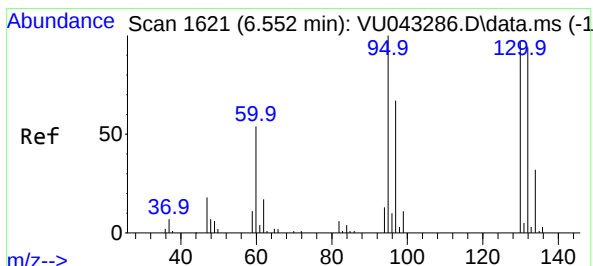
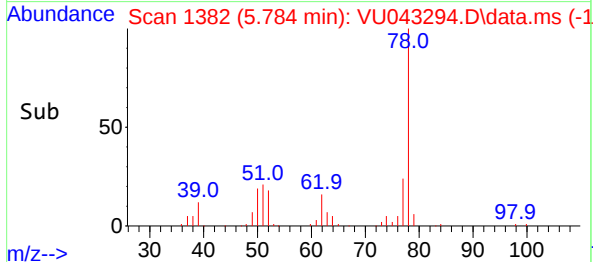
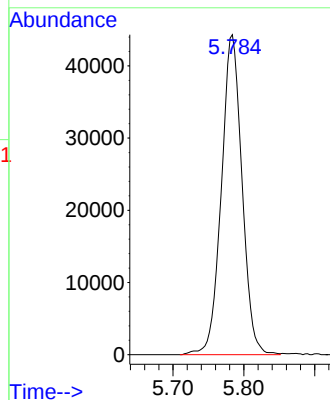
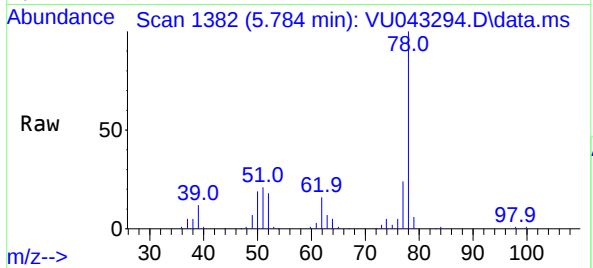
#33
Benzene
Concen: 3.14 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 78 Resp: 89794

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

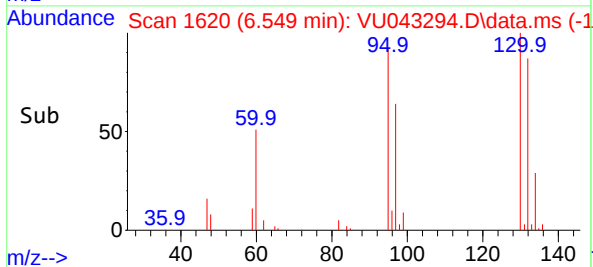
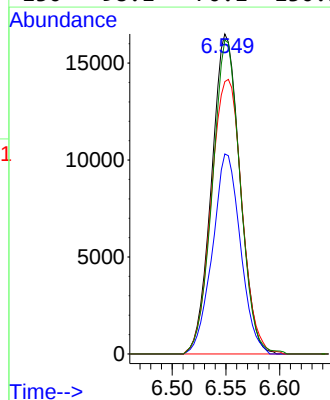
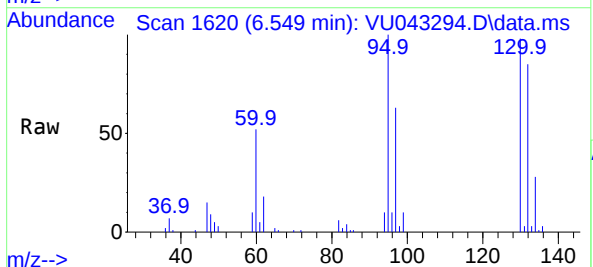
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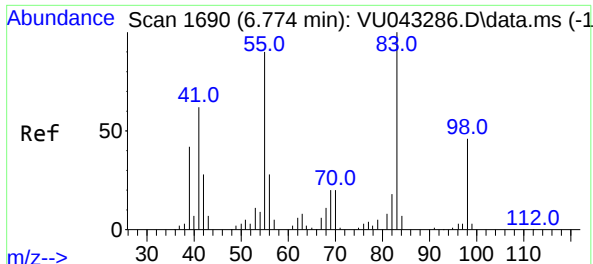
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#34
Trichloroethene
Concen: 3.84 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 95 Resp: 30241
Ion Ratio Lower Upper
95 100
97 62.5 45.8 85.2
132 85.1 68.7 127.7
130 98.1 70.1 130.3





#35

Methylcyclohexane

Concen: 1.71 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.003 min

Lab File: VU043294.D

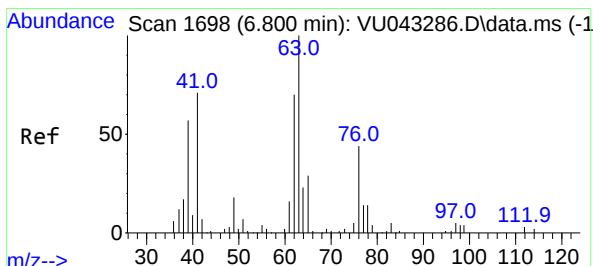
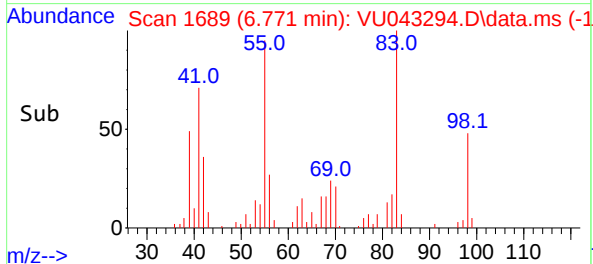
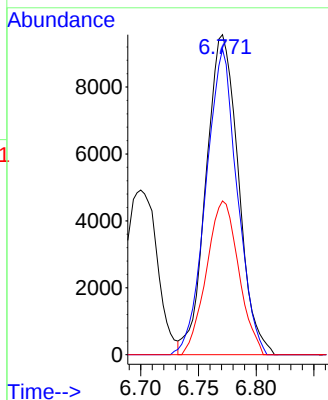
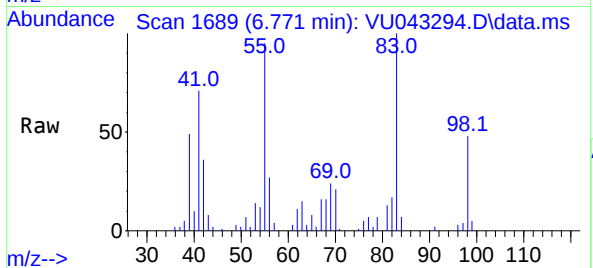
Acq: 23 Apr 2021 16:22

Tgt Ion:	83	Resp:	18581
Ion	Ratio	Lower	Upper
83	100		
55	92.7	59.5	89.3#
98	47.9	37.9	56.9

Instrument :
MSVOA_U
ClientSampleId :
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#37

1,2-Dichloropropane

Concen: 4.22 ug/L

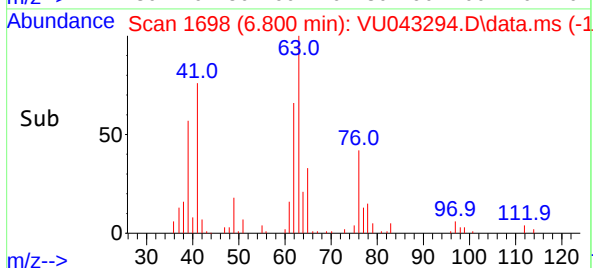
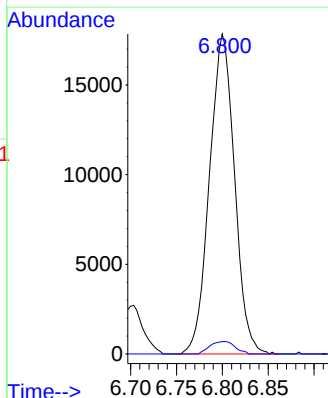
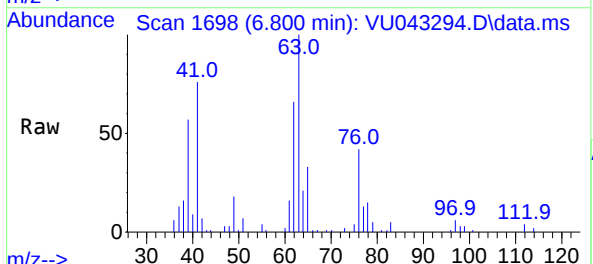
RT: 6.800 min Scan# 1698

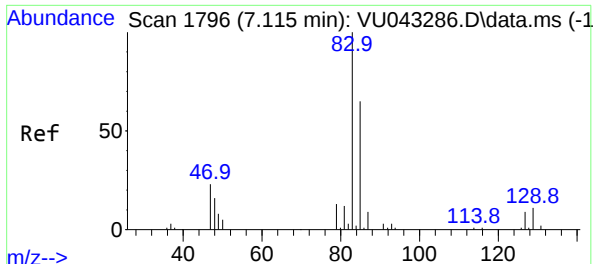
Delta R.T. -0.000 min

Lab File: VU043294.D

Acq: 23 Apr 2021 16:22

Tgt Ion:	63	Resp:	33945
Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.5	5.3





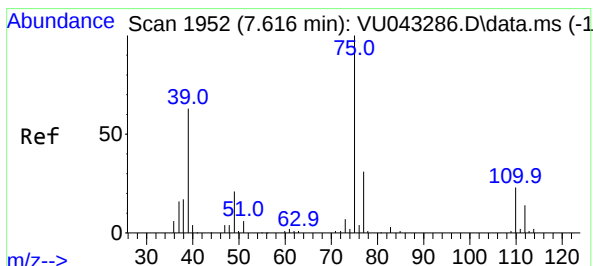
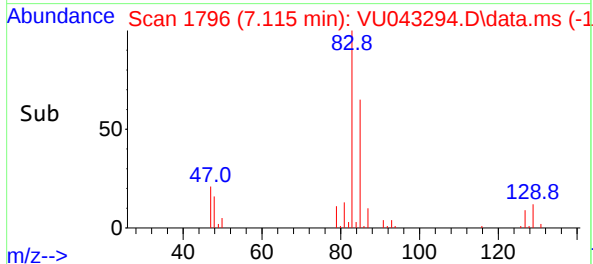
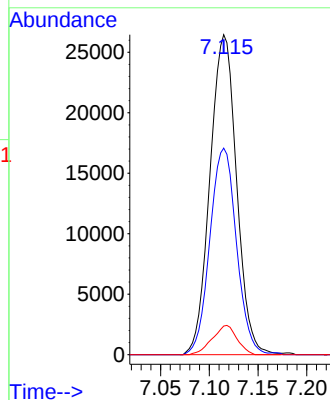
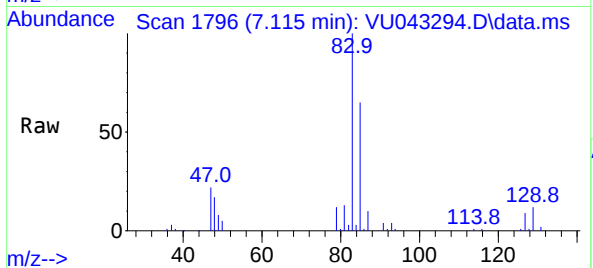
#38
Bromodichloromethane
Concen: 4.65 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:	83	Resp:	50202
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.6	82.8
127	8.9	7.4	11.2

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

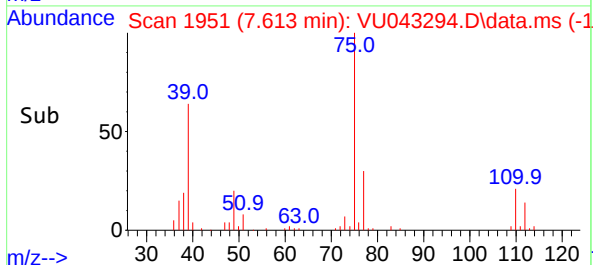
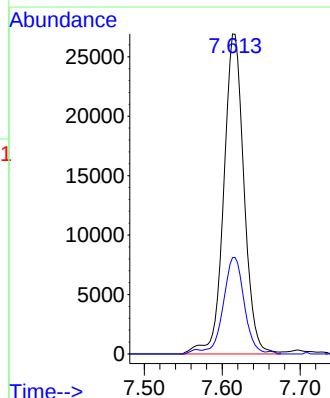
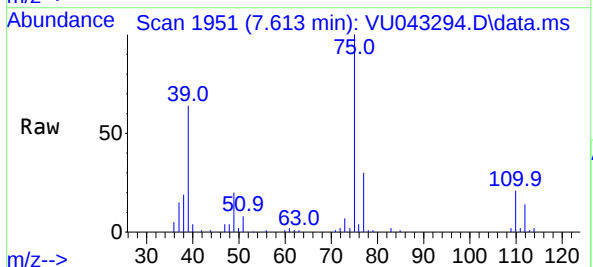
Manual Integrations
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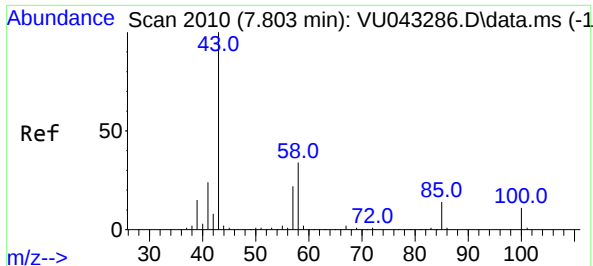
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#39
cis-1,3-Dichloropropene
Concen: 4.13 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:	75	Resp:	48521
Ion	Ratio	Lower	Upper
75	100		
77	30.1	21.8	40.6





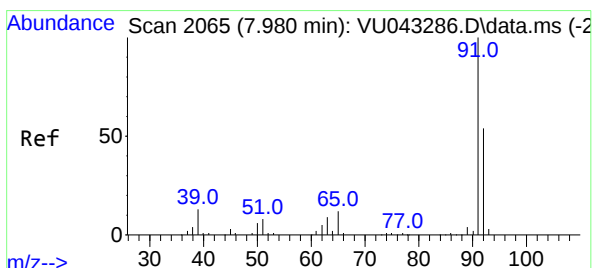
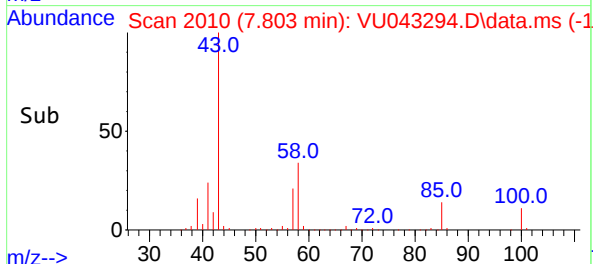
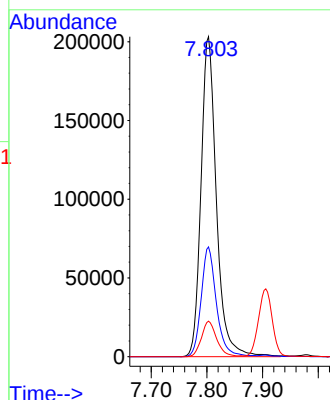
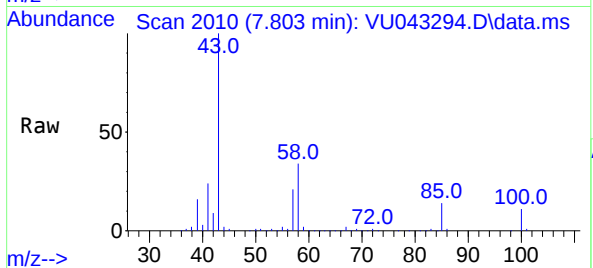
#40
4-Methyl-2-pentanone
Concen: 54.22 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 43 Resp: 390395
Ion Ratio Lower Upper
43 100
58 33.8 35.8 53.6#
100 11.1 15.1 22.7#

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

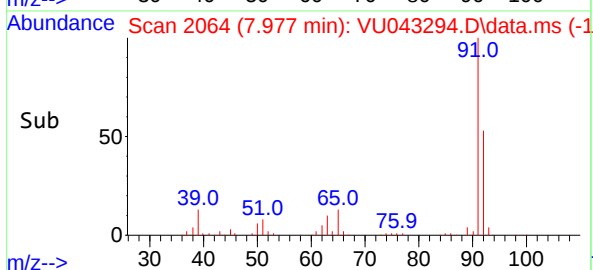
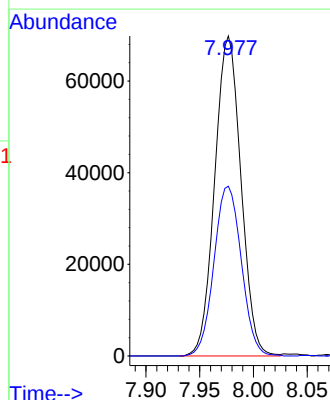
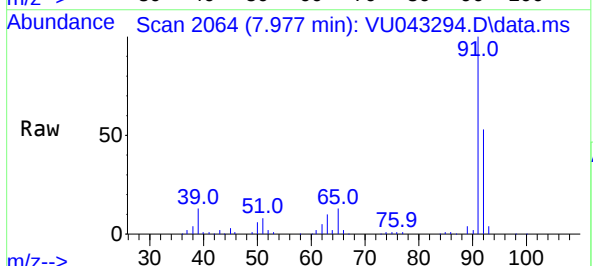
Manual Integrations
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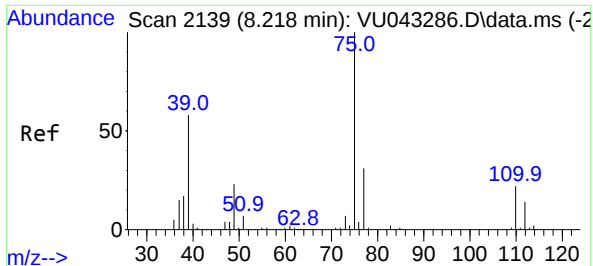
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#42
Toluene
Concen: 3.71 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 91 Resp: 118429
Ion Ratio Lower Upper
91 100
92 53.0 40.9 76.0





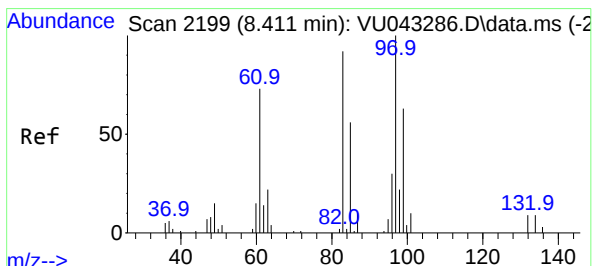
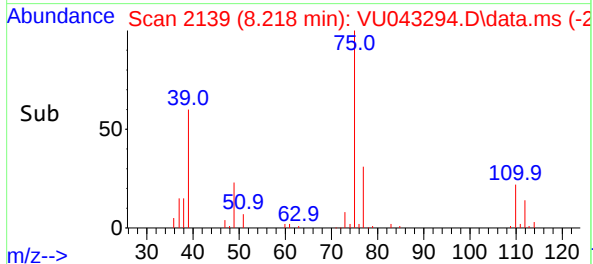
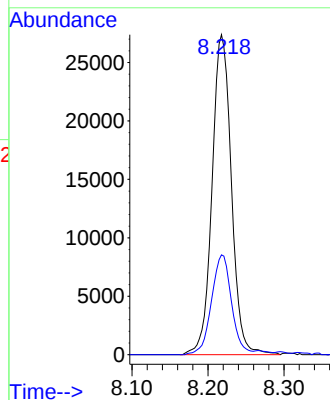
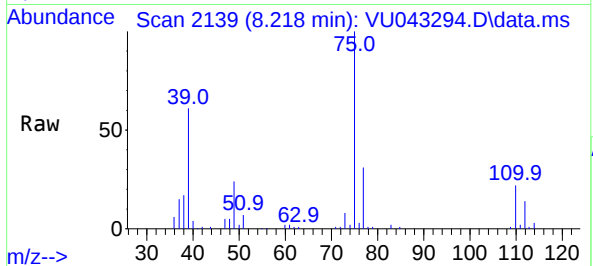
#44
trans-1,3-Dichloropropene
Concen: 4.37 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 75 Resp: 48390
Ion Ratio Lower Upper
75 100
77 31.2 23.4 43.4

Instrument :
MSVOA_U
ClientSampled :
H4511MSD

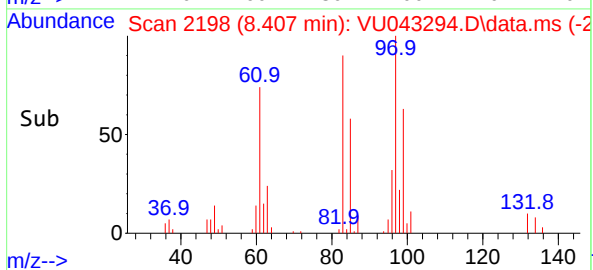
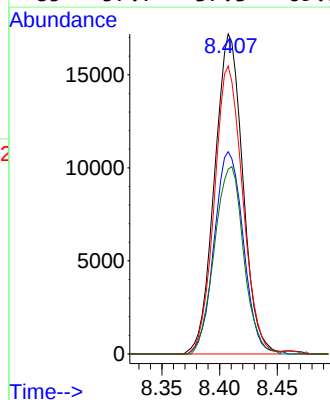
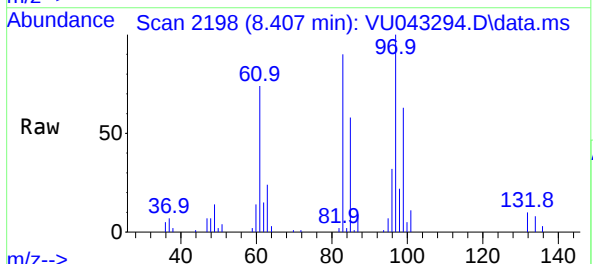
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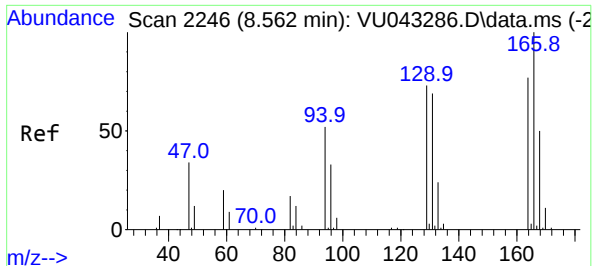
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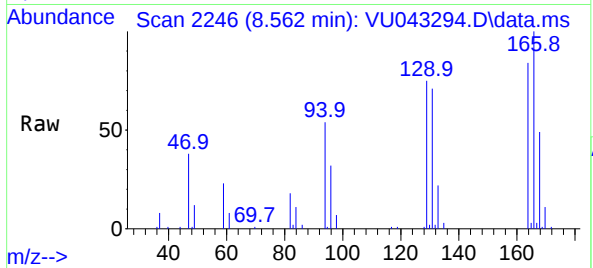
#45
1,1,2-Trichloroethane
Concen: 4.88 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 97 Resp: 29313
Ion Ratio Lower Upper
97 100
99 63.2 44.2 82.0
83 89.9 60.1 111.7
85 57.7 37.3 69.3



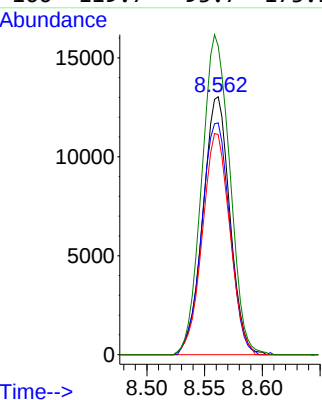


#47
Tetrachloroethene
Concen: 3.40 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



Tgt Ion: 164 Resp: 21209

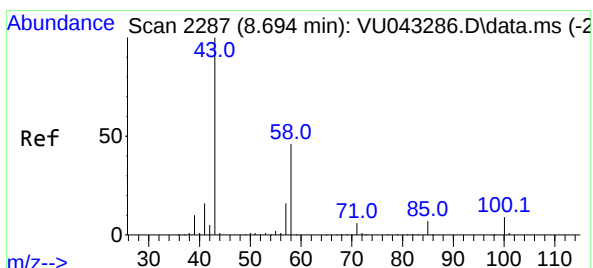
Ion	Ratio	Lower	Upper
164	100		
129	89.9	66.6	123.8
131	85.4	65.9	122.3
166	119.7	93.7	173.9



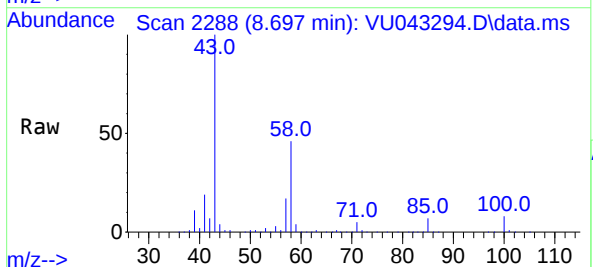
Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

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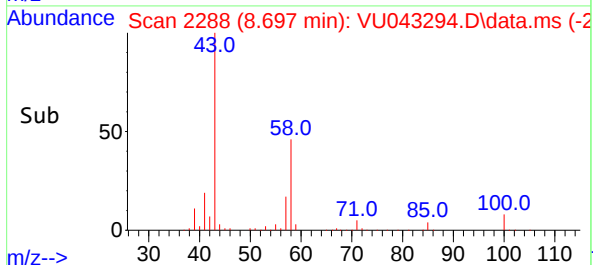
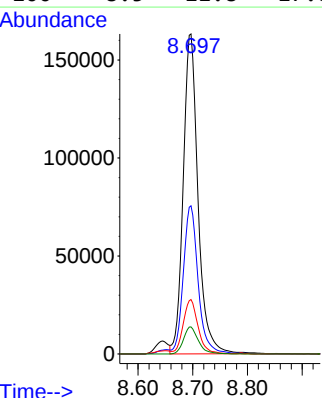


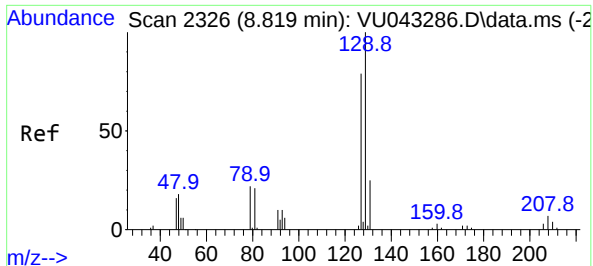
#48
2-Hexanone
Concen: 57.99 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



Tgt Ion: 43 Resp: 307219

Ion	Ratio	Lower	Upper
43	100		
58	46.6	50.0	75.0#
57	16.8	17.4	26.0#
100	8.5	11.8	17.8#





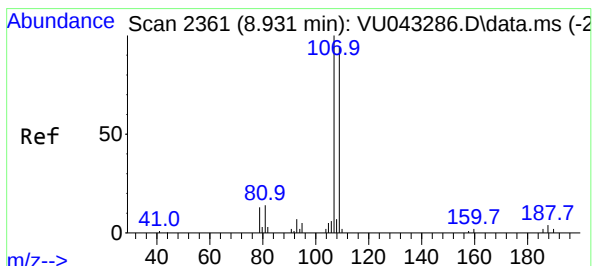
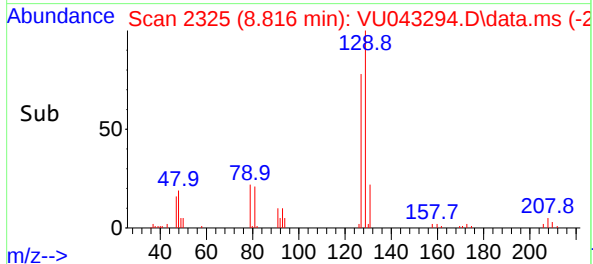
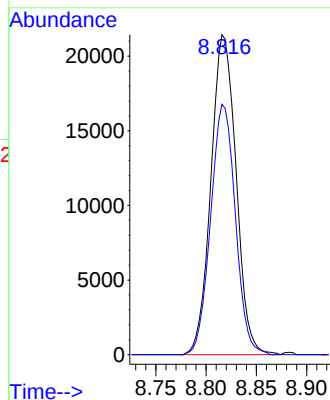
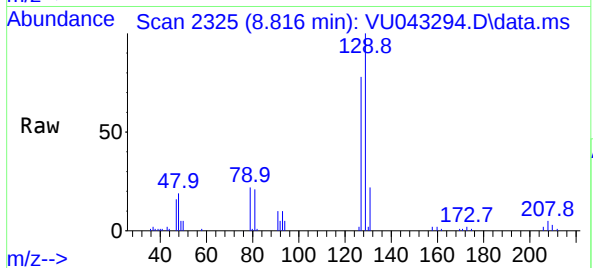
#49
Dibromochloromethane
Concen: 4.92 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:129 Resp: 37334
Ion Ratio Lower Upper
129 100
127 78.2 56.6 105.2

Instrument :
MSVOA_U
ClientSampled :
H4511MSD

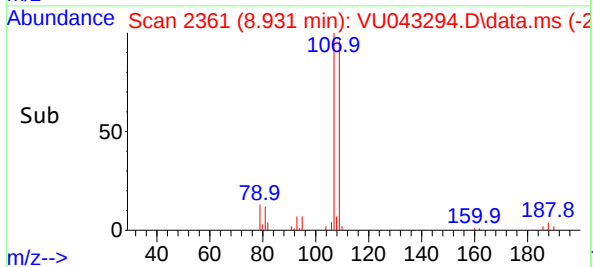
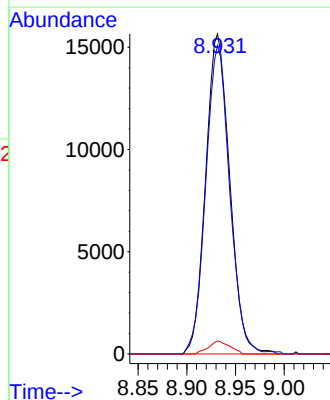
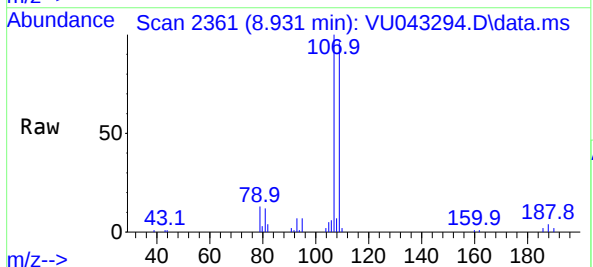
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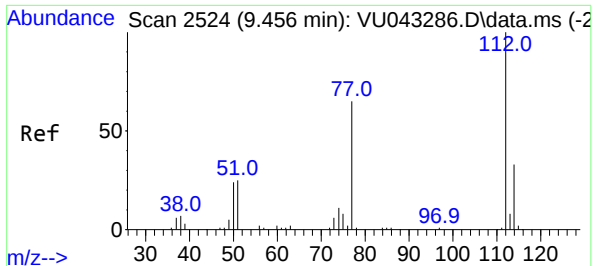
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#50
1,2-Dibromoethane
Concen: 4.50 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:107 Resp: 26906
Ion Ratio Lower Upper
107 100
109 96.3 65.4 121.4
188 4.0 2.5 3.7#





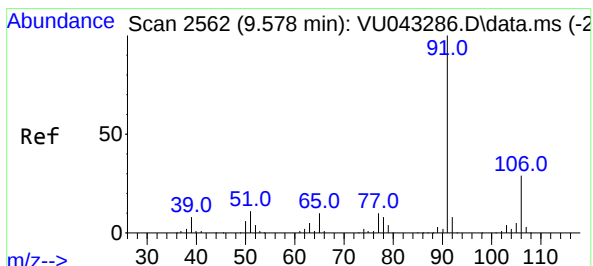
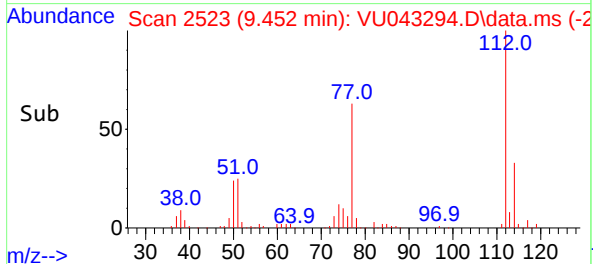
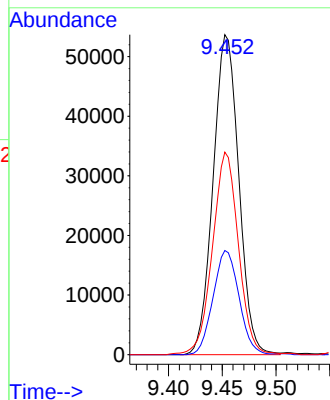
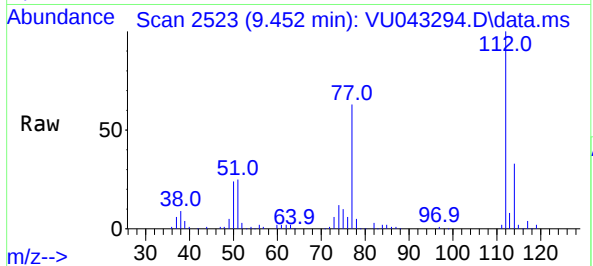
#51
Chlorobenzene
Concen: 4.38 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:	112	Resp:	89139
Ion Ratio	Lower	Upper	
112	100		
114	32.5	21.9	40.7
77	63.3	45.1	67.7

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

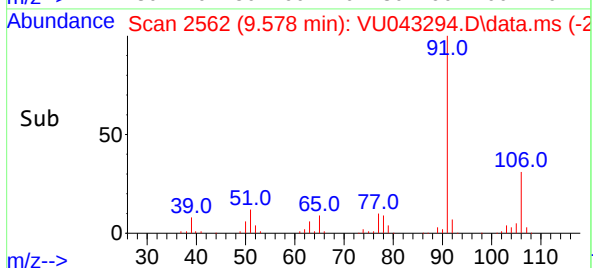
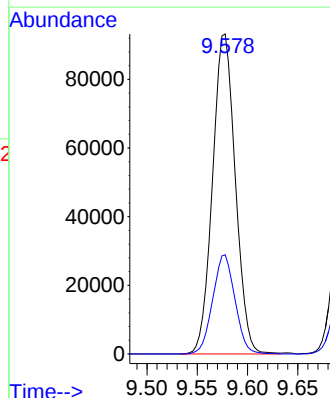
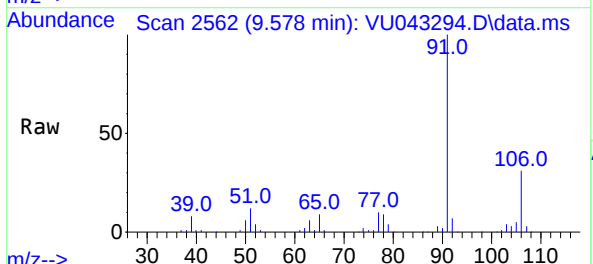
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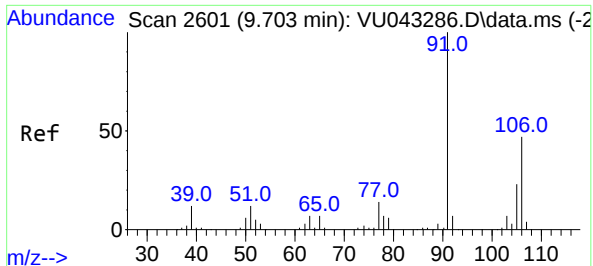
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#52
Ethylbenzene
Concen: 4.02 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:	91	Resp:	147059
Ion Ratio	Lower	Upper	
91	100		
106	31.0	22.0	40.8





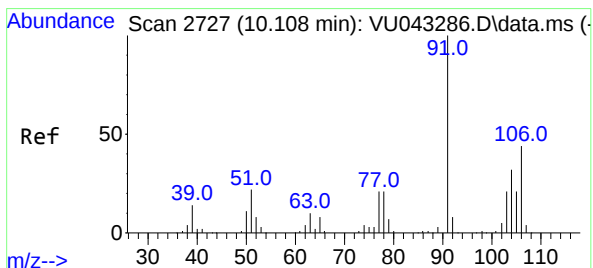
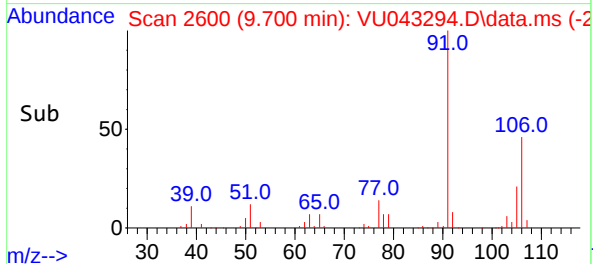
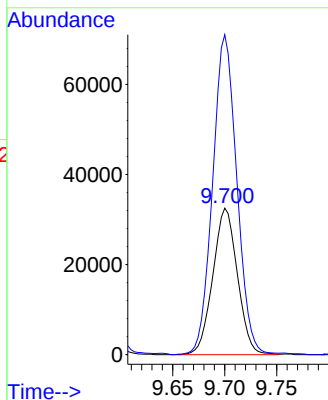
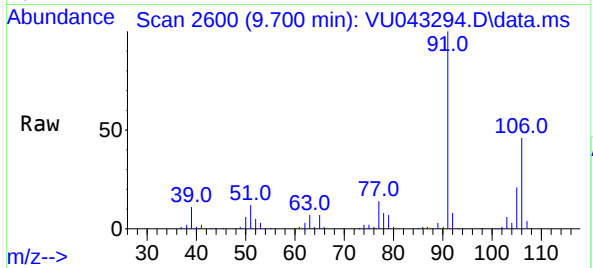
#53
m,p-Xylene
Concen: 4.00 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:106 Resp: 53522
Ion Ratio Lower Upper
106 100
91 218.4 137.6 255.6

Instrument :
MSVOA_U
ClientSampleId :
H4511MSD

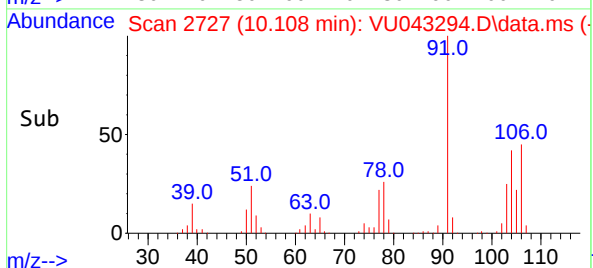
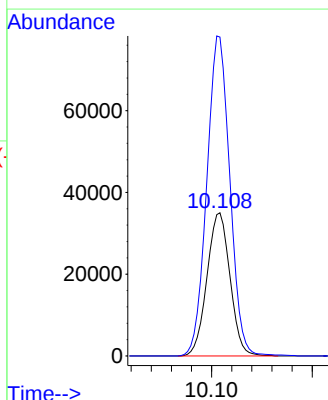
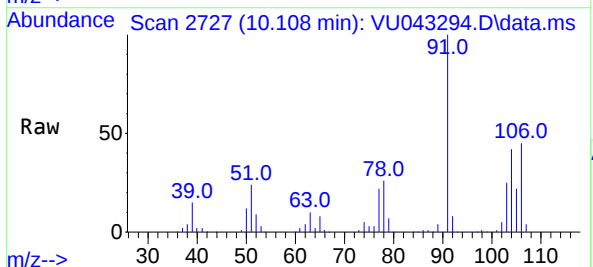
Manual Integrations
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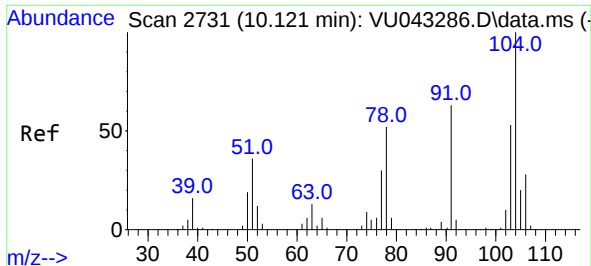
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#54
o-Xylene
Concen: 4.20 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:106 Resp: 55664
Ion Ratio Lower Upper
106 100
91 222.6 148.5 275.9





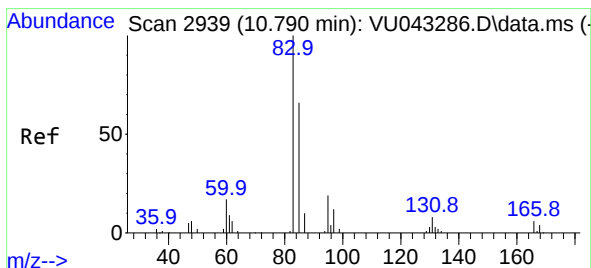
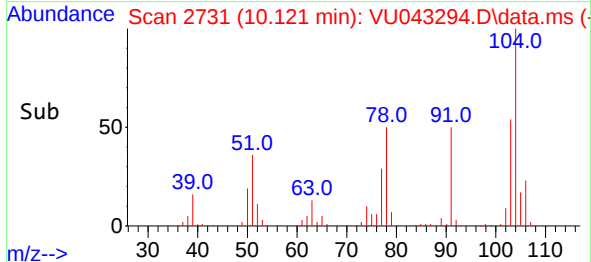
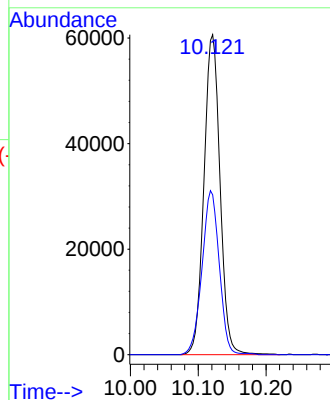
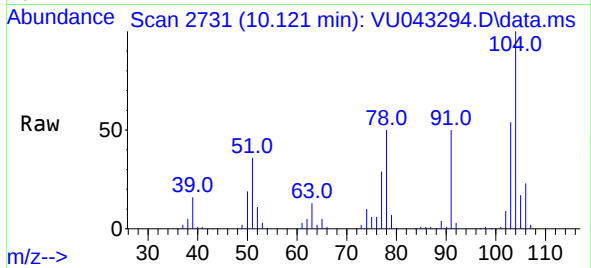
#55
Styrene
Concen: 4.40 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:104 Resp: 100027
Ion Ratio Lower Upper
104 100
78 50.0 32.3 60.1

Instrument :
MSVOA_U
ClientSampled :
H4511MSD

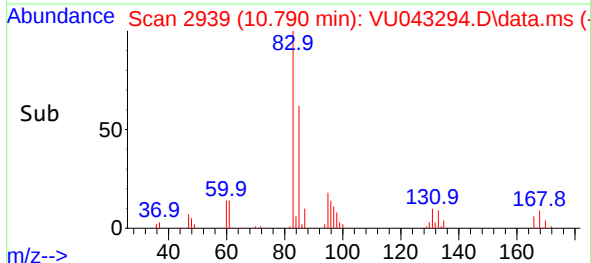
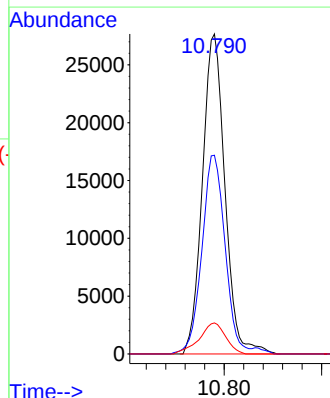
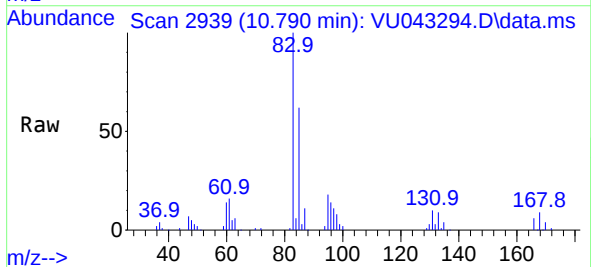
Manual Integrations
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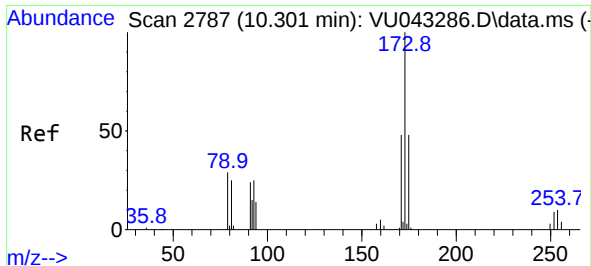
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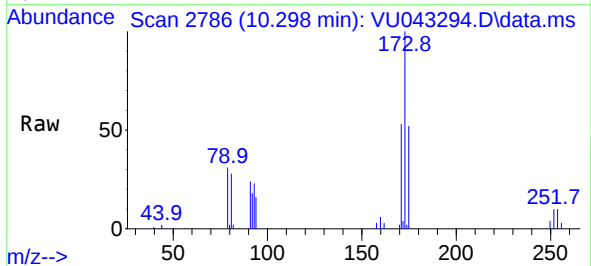
#57
1,1,2,2-Tetrachloroethane
Concen: 5.61 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 83 Resp: 44365
Ion Ratio Lower Upper
83 100
85 62.1 44.9 83.5
131 9.7 8.2 12.4

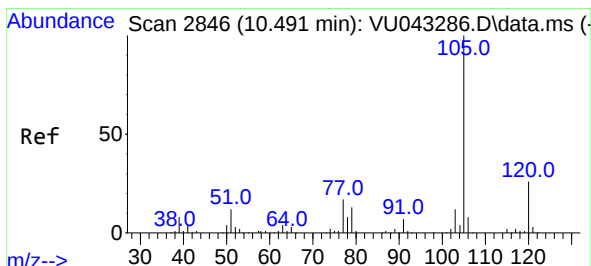
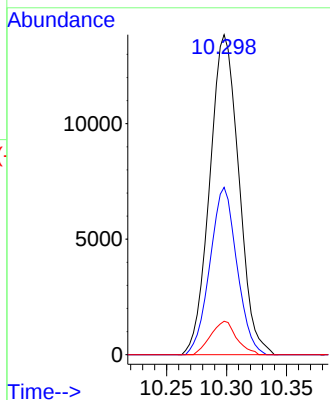
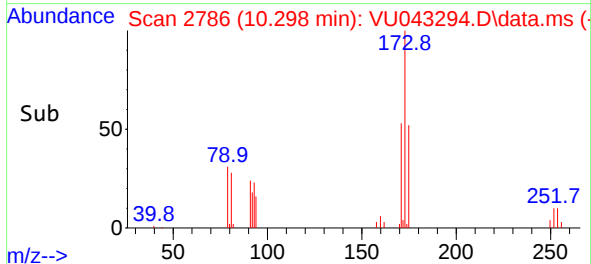




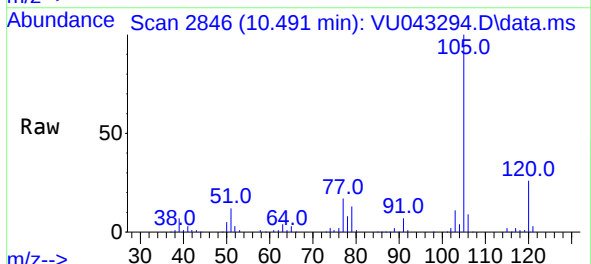
#59
Bromoform
Concen: 4.92 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



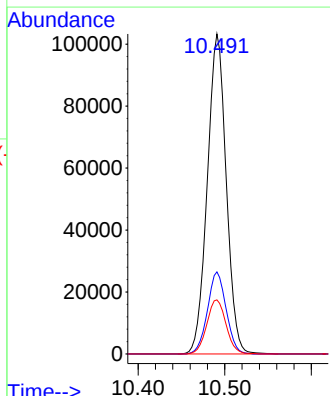
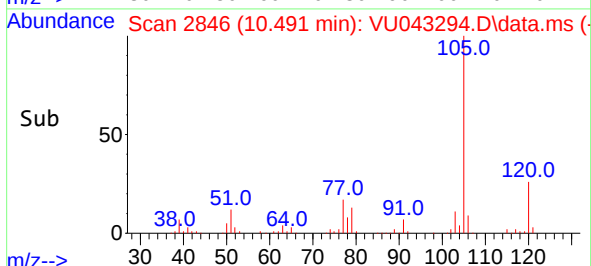
Tgt Ion:173 Resp: 23327
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 9.3 8.0 12.0



#60
Isopropylbenzene
Concen: 4.21 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



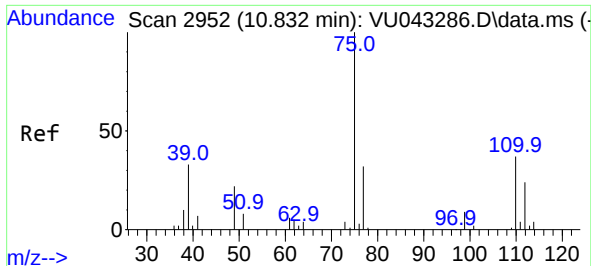
Tgt Ion:105 Resp: 156776
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3
77 17.2 11.8 17.8



Instrument :
MSVOA_U
ClientSampleId :
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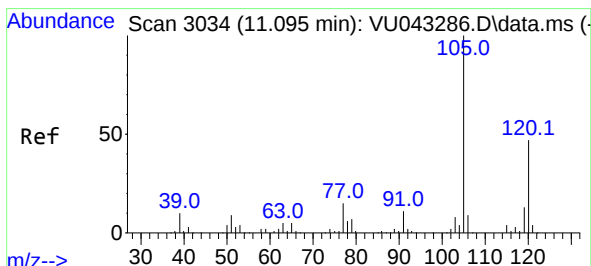
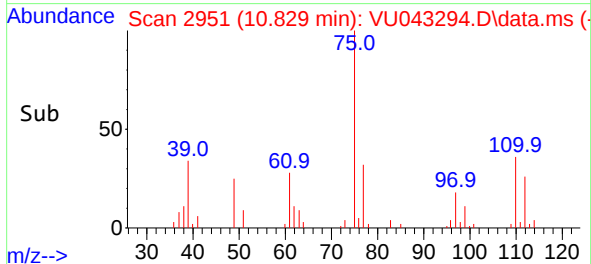
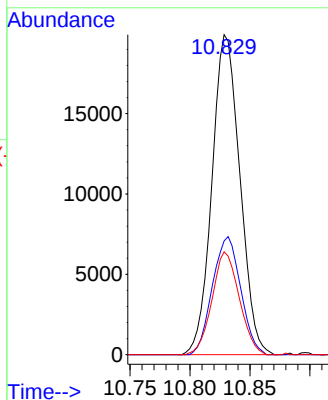
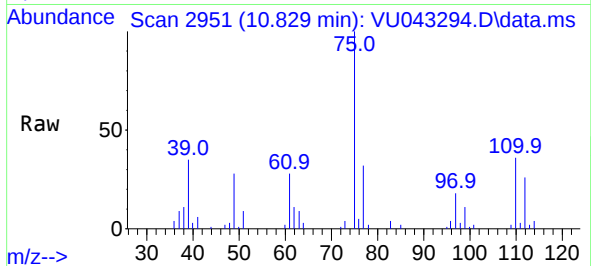
#61
1,2,3-Trichloropropane
Concen: 5.38 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion: 75 Resp: 32246
Ion Ratio Lower Upper
75 100
110 37.2 31.5 47.3
77 31.3 26.3 39.5

Instrument :
MSVOA_U
ClientSampleId :
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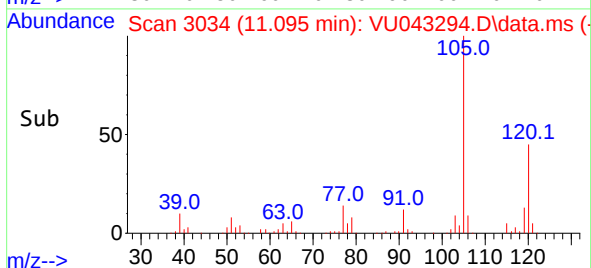
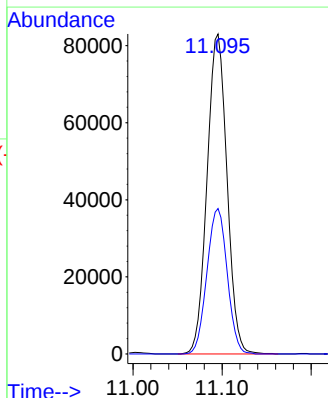
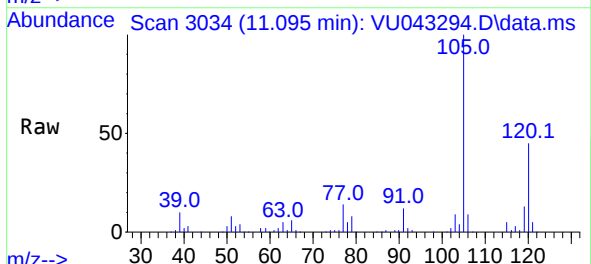
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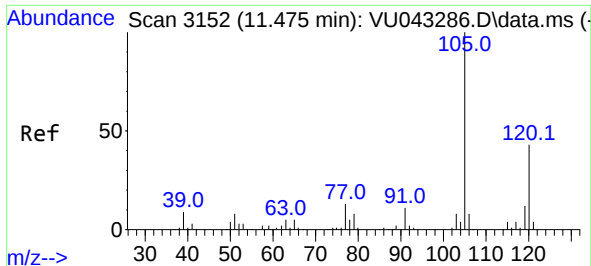
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#62
1,3,5-Trimethylbenzene
Concen: 4.23 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:105 Resp: 128953
Ion Ratio Lower Upper
105 100
120 46.2 39.5 59.3





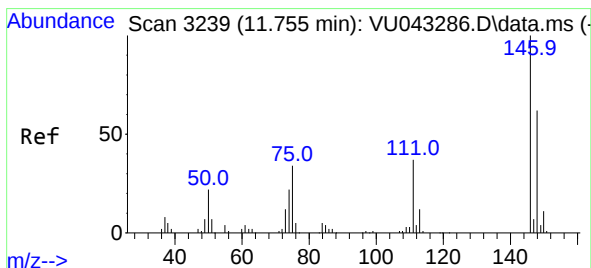
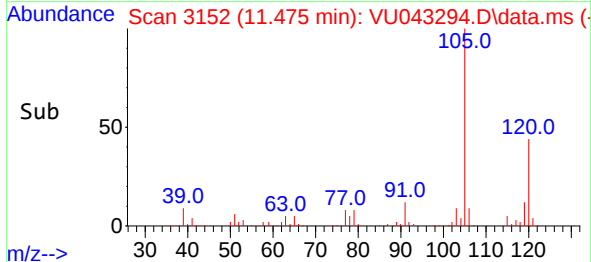
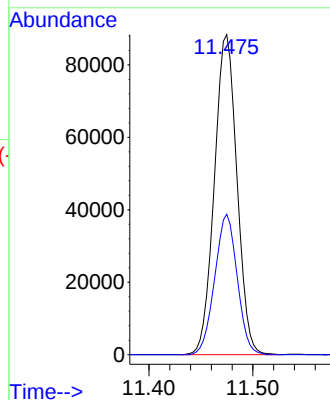
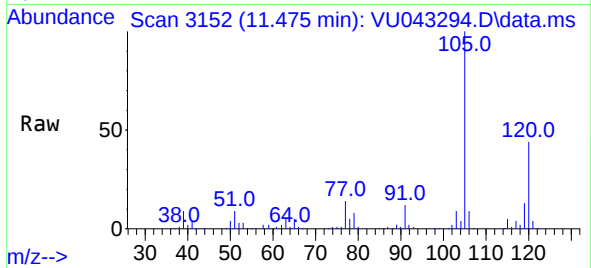
#63
1,2,4-Trimethylbenzene
Concen: 4.26 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Instrument :
MSVOA_U
ClientSampled :
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Tgt Ion:105 Resp: 133466
Ion Ratio Lower Upper
105 100
120 43.7 36.7 55.1

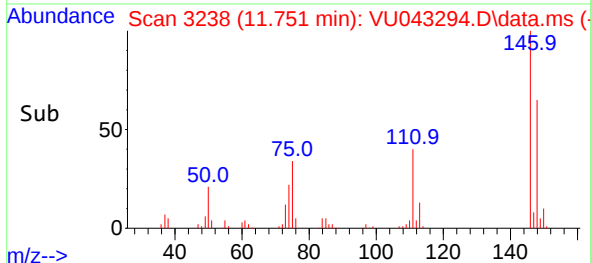
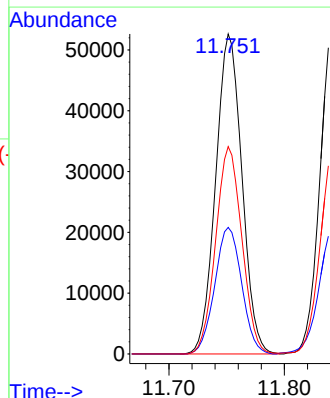
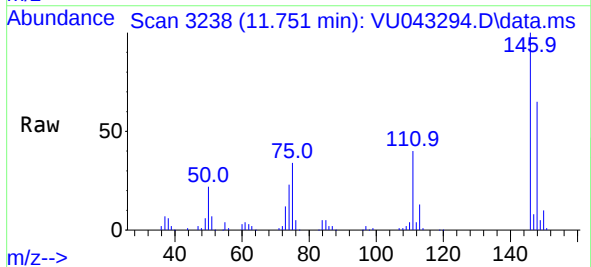
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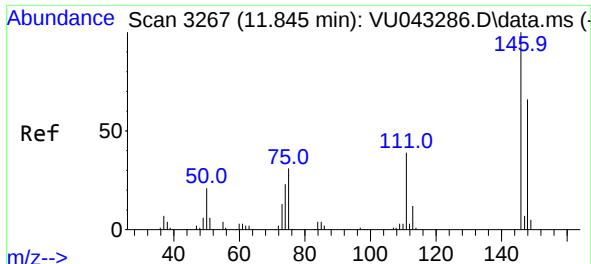
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#64
1,3-Dichlorobenzene
Concen: 4.70 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:146 Resp: 83097
Ion Ratio Lower Upper
146 100
111 39.6 27.6 51.2
148 64.8 44.9 83.3





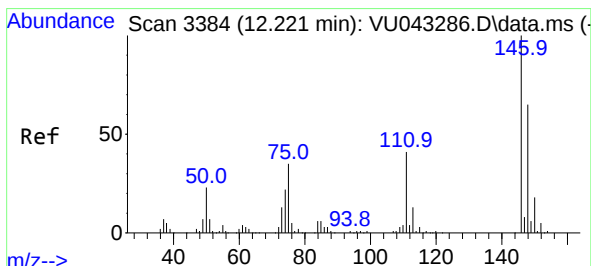
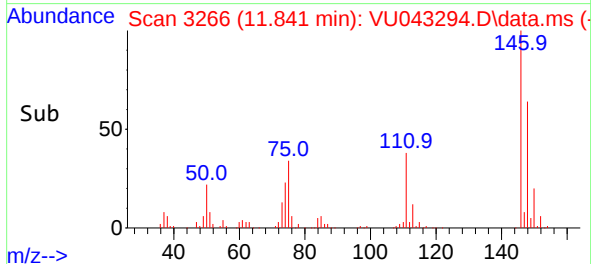
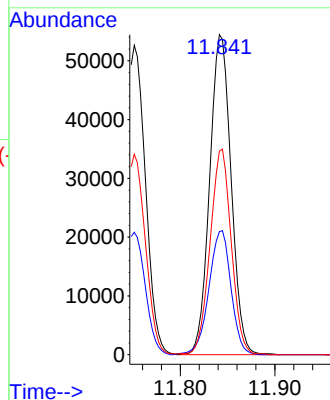
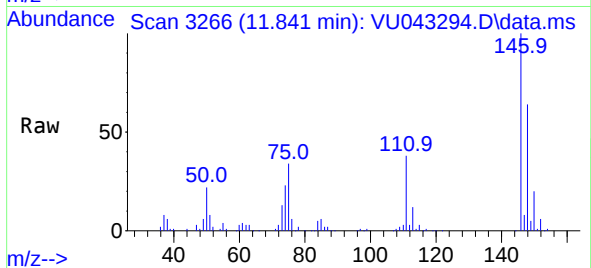
#65
1,4-Dichlorobenzene
Concen: 4.78 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:	146	Resp:	85733
Ion Ratio	Lower	Upper	
146	100		
111	38.5	26.7	49.5
148	63.6	43.9	81.5

Instrument :
MSVOA_U
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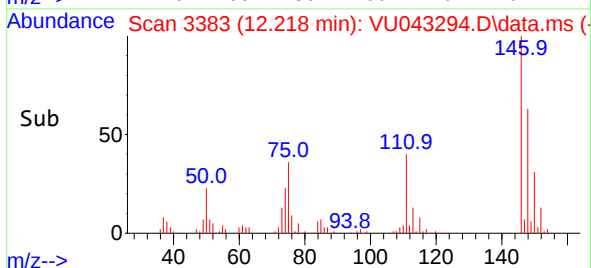
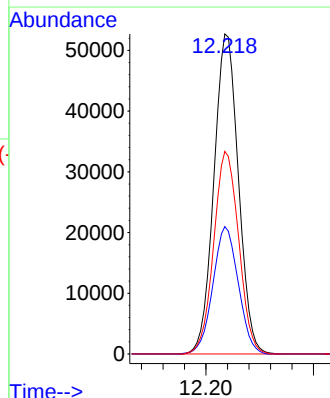
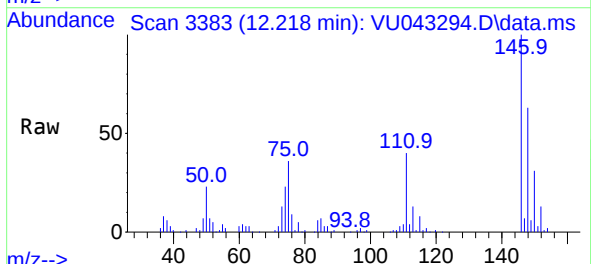
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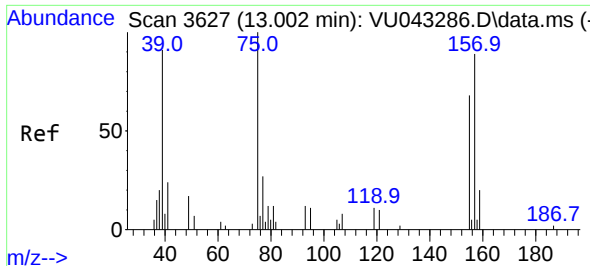
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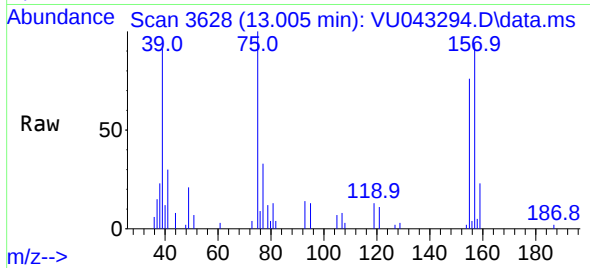
#67
1,2-Dichlorobenzene
Concen: 4.86 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

Tgt Ion:	146	Resp:	83442
Ion Ratio	Lower	Upper	
146	100		
111	39.8	31.9	47.9
148	63.3	48.8	73.2

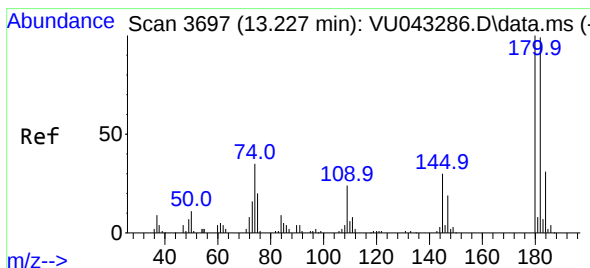
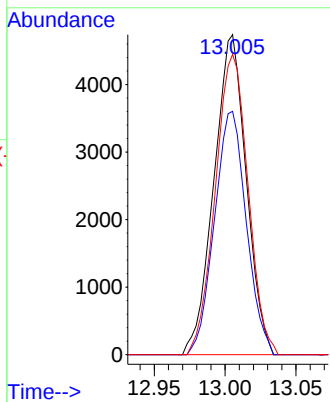
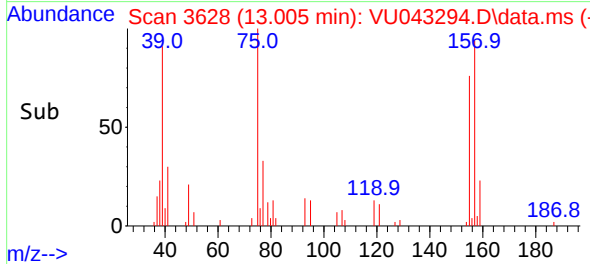




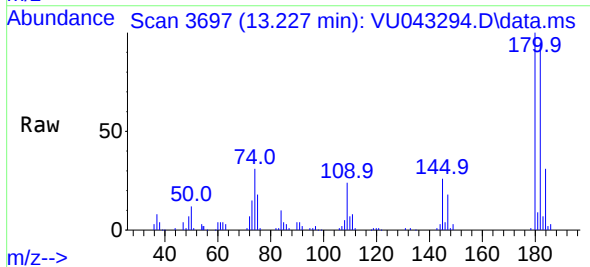
#68
1,2-Dibromo-3-chloropropane
Concen: 5.15 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



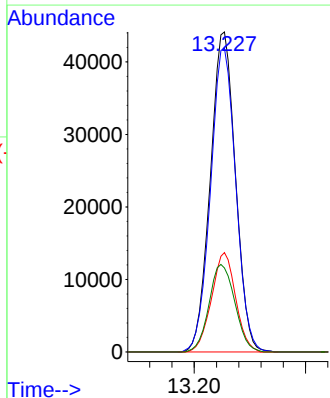
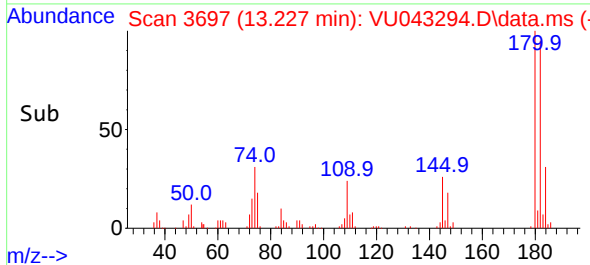
Tgt Ion: 75 Resp: 7516
Ion Ratio Lower Upper
75 100
155 76.0 67.8 101.8
157 93.9 82.4 123.6



#69
1,3,5-Trichlorobenzene
Concen: 4.77 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



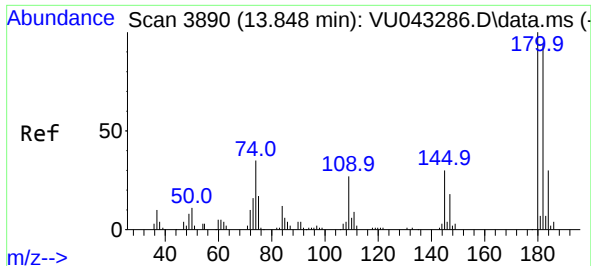
Tgt Ion: 180 Resp: 69111
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
184 29.8 24.0 36.0
145 28.1 23.2 34.8



Instrument :
MSVOA_U
ClientSampled :
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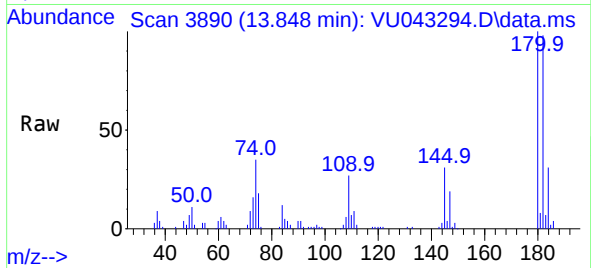
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#70
1,2,4-trichlorobenzene
Concen: 4.82 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22

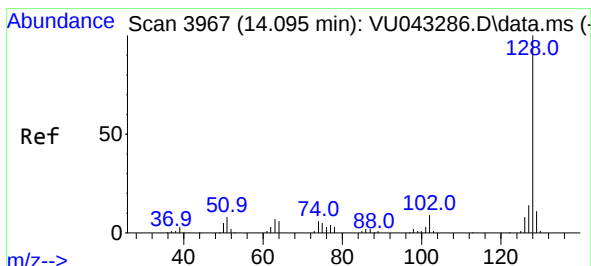
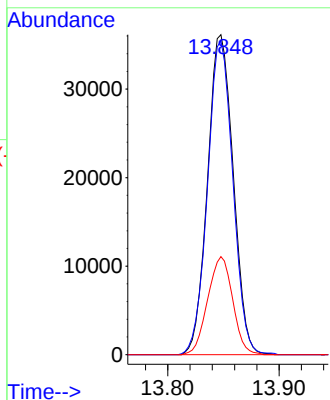
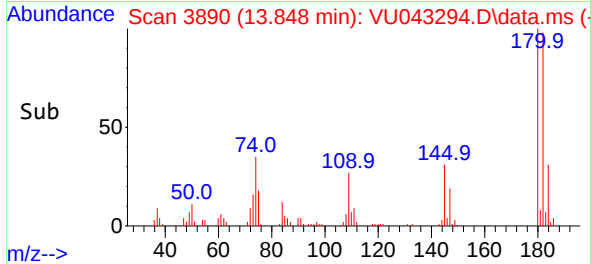
Instrument :
MSVOA_U
ClientSampleId :
H4511MSD



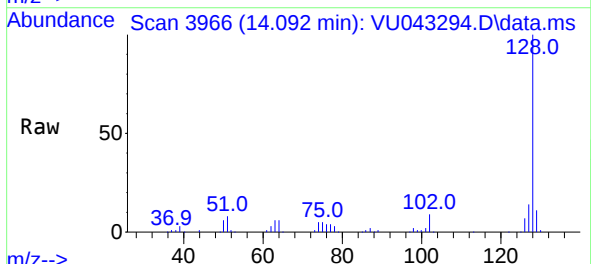
Tgt Ion:180 Resp: 57923
Ion Ratio Lower Upper
180 100
182 96.7 76.5 114.7
145 29.8 24.1 36.1

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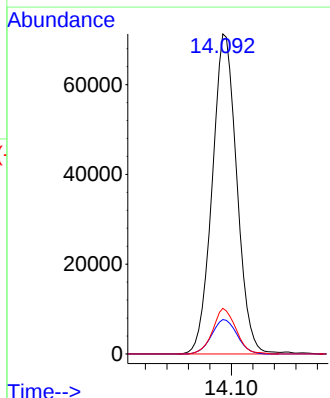
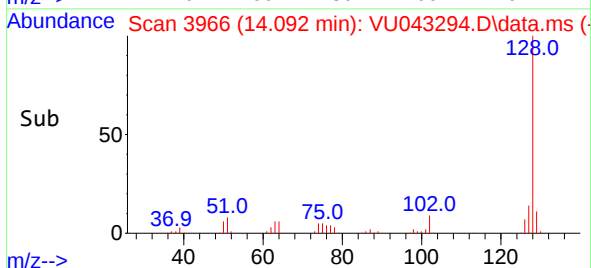
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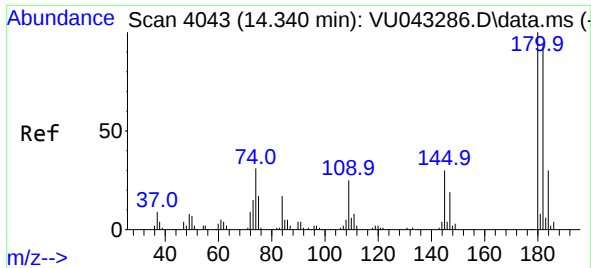


#71
Naphthalene
Concen: 5.59 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043294.D
Acq: 23 Apr 2021 16:22



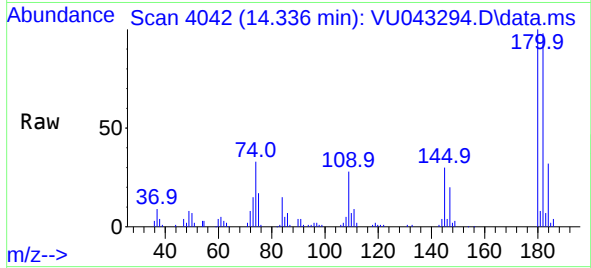
Tgt Ion:128 Resp: 113204
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.4 10.6 15.8





#72
 1,2,3-Trichlorobenzene
 Concen: 5.29 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. -0.003 min
 Lab File: VU043294.D
 Acq: 23 Apr 2021 16:22

Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MSD



Tgt Ion:	180	Resp:	58209
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.8	113.8
145	31.2	25.0	37.4

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