

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068289.D
 Acq On : 04 Feb 2021 20:56
 Operator : VA/SY
 Sample : M1292-03MSD
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-005-0510MSD

Manual Integrations
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 2/5/2021 10:50:36 AM

Quant Time: Feb 05 00:07:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	48001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	105433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	105108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	41542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	42736	93.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.14%#			
35) Dibromofluoromethane	7.914	113	33316	57.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.32%			
50) Toluene-d8	10.344	98	103263	44.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.58%			
62) 4-Bromofluorobenzene	12.632	95	41248	49.13	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	17737	31.11	ug/l	96
3) Chloromethane	2.209	50	36213	58.97	ug/l	95
4) Vinyl Chloride	2.350	62	31751	46.49	ug/l	97
5) Bromomethane	2.750	94	31855	68.01	ug/l	94
6) Chloroethane	2.920	64	26479	63.46	ug/l	91
7) Trichlorofluoromethane	3.273	101	34779	38.79	ug/l	94
8) Diethyl Ether	3.709	74	27458	104.02	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.103	101	19786	37.84	ug/l	95
10) Methyl Iodide	4.303	142	23715	41.04	ug/l	93
11) Tert butyl alcohol	5.232	59	39455	1205.09	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	23459	44.61	ug/l	91
13) Acrolein	3.920	56	31338	866.04	ug/l	98
14) Allyl chloride	4.709	41	49261	64.40	ug/l #	87
15) Acrylonitrile	5.420	53	128958	1233.34	ug/l	99
16) Acetone	4.156	43	105686	1289.02	ug/l	95
17) Carbon Disulfide	4.409	76	73532	43.41	ug/l	97
18) Methyl Acetate	4.720	43	80218	376.97	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	132412	108.91	ug/l	94
20) Methylene Chloride	4.967	84	48453	87.69	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	32475	53.79	ug/l	94
22) Diisopropyl ether	6.361	45	127823	82.81	ug/l #	93
23) Vinyl Acetate	6.309	43	404866	492.07	ug/l	98
24) 1,1-Dichloroethane	6.273	63	65452	65.44	ug/l	96
25) 2-Butanone	7.214	43	154285	1249.76	ug/l	93
26) 2,2-Dichloropropane	7.208	77	44246	46.76	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	46630	71.14	ug/l	98
28) Bromochloromethane	7.550	49	31689	93.00	ug/l #	76
29) Tetrahydrofuran	7.567	42	100495	1255.75	ug/l	92
30) Chloroform	7.714	83	72313	71.55	ug/l	100
31) Cyclohexane	7.991	56	32039	32.22	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	45064	49.48	ug/l	96
36) 1,1-Dichloropropene	8.108	75	36474	34.31	ug/l	98
37) Ethyl Acetate	7.297	43	61557	163.67	ug/l	97
38) Carbon Tetrachloride	8.097	117	31896	32.05	ug/l	98
39) Methylcyclohexane	9.355	83	28127	20.23	ug/l	97
40) Benzene	8.355	78	150381	50.59	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	27980m	123.27	ug/l	
42) 1,2-Dichloroethane	8.426	62	62632	78.85	ug/l	98
43) Isopropyl Acetate	8.455	43	94491	120.56	ug/l	93
44) Trichloroethene	9.120	130	35204	43.12	ug/l	95
45) 1,2-Dichloropropane	9.391	63	44449	61.06	ug/l	95
46) Dibromomethane	9.473	93	33313	90.31	ug/l	93
47) Bromodichloromethane	9.667	83	63962	64.26	ug/l	99
48) Methyl methacrylate	9.461	41	48860	125.25	ug/l	96
49) 1,4-Dioxane	9.461	88	21156	4894.08	ug/l	90
51) 4-Methyl-2-Pentanone	10.232	43	302156	829.33	ug/l	97
52) Toluene	10.402	92	89868	46.40	ug/l	93
53) t-1,3-Dichloropropene	10.626	75	69691	69.18	ug/l	94
54) cis-1,3-Dichloropropene	10.091	75	74166	61.84	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	48449	92.68	ug/l	92
56) Ethyl methacrylate	10.661	69	67576	97.04	ug/l #	93
57) 1,3-Dichloropropane	10.949	76	82526	89.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	186693	580.96	ug/l	91
59) 2-Hexanone	10.985	43	216207	856.10	ug/l	98
60) Dibromochloromethane	11.144	129	51357	78.35	ug/l	100
61) 1,2-Dibromoethane	11.249	107	49211	95.41	ug/l	98
64) Tetrachloroethene	10.879	164	24359	32.88	ug/l	93
65) Chlorobenzene	11.673	112	104435	46.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	42527	54.14	ug/l	95
67) Ethyl Benzene	11.744	91	158505	38.33	ug/l	98
68) m/p-Xylenes	11.855	106	119443	76.51	ug/l	99
69) o-Xylene	12.179	106	60494	41.72	ug/l	99
70) Styrene	12.196	104	108350	43.78	ug/l	96
71) Bromoform	12.361	173	34973	87.83	ug/l #	100
73) Isopropylbenzene	12.479	105	129179	37.37	ug/l	99
74) N-amyl acetate	12.291	43	66290	92.26	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	68719	124.99	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	56023m	139.48	ug/l	
77) Bromobenzene	12.761	156	42349	57.14	ug/l	70
78) n-propylbenzene	12.820	91	144725	35.39	ug/l	96
79) 2-Chlorotoluene	12.908	91	101171	44.06	ug/l	95
80) 1,3,5-Trimethylbenzene	12.955	105	108859	37.81	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	21960	110.63	ug/l	94
82) 4-Chlorotoluene	13.002	91	105349	44.12	ug/l	95
83) tert-Butylbenzene	13.220	119	77588	31.81	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	114309	40.00	ug/l	100
85) sec-Butylbenzene	13.402	105	90505	26.52	ug/l	99
86) p-Isopropyltoluene	13.514	119	84796	27.32	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	61463	43.13	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	66218	47.17	ug/l	99
89) n-Butylbenzene	13.843	91	64320	21.59	ug/l	97
90) Hexachloroethane	14.108	117	14924	26.62	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	65836	53.94	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	13834	153.74	ug/l	82
93) 1,2,4-Trichlorobenzene	15.161	180	25665	30.67	ug/l	99
94) Hexachlorobutadiene	15.261	225	4591	9.90	ug/l	93
95) Naphthalene	15.396	128	129503	82.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	24559	34.80	ug/l	97

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OU421-005-0510MSD

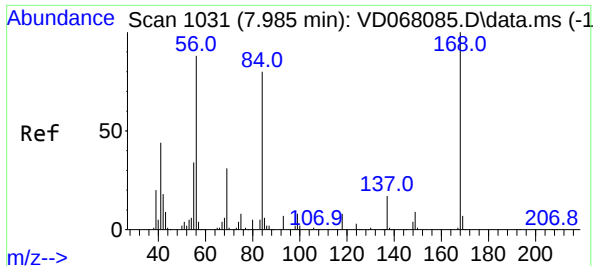
Manual Integrations
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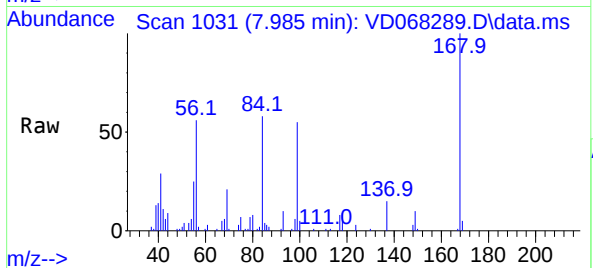
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068289.D
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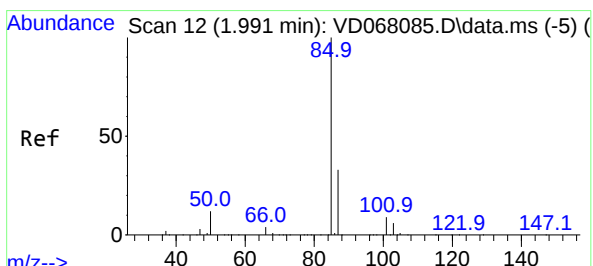
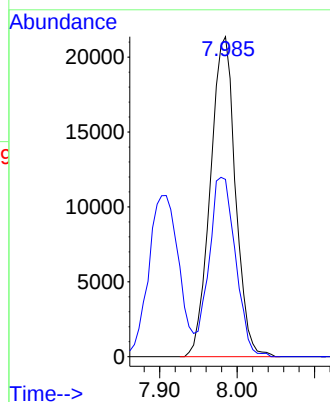
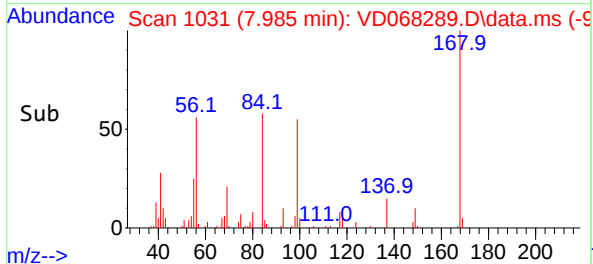
Instrument :
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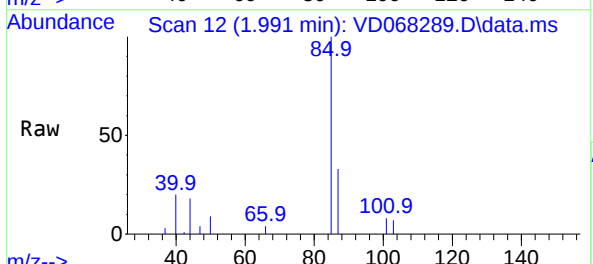
Tgt Ion:168 Resp: 48001
 Ion Ratio Lower Upper
 168 100
 99 55.4 43.5 65.3

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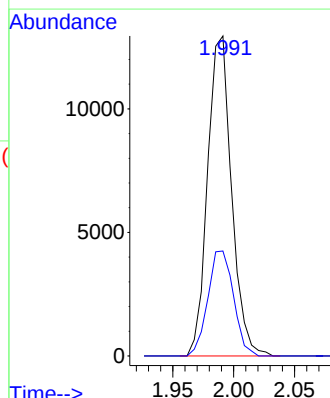
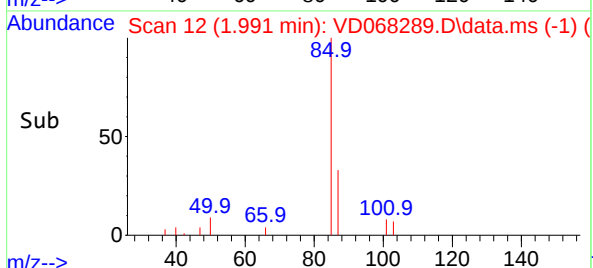
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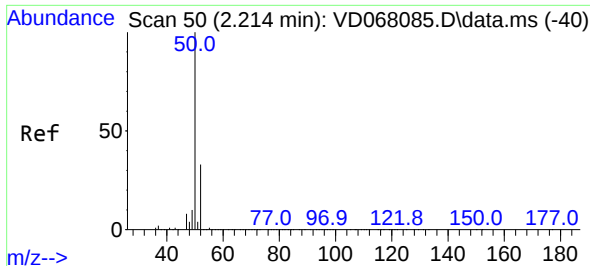


Dichlorodifluoromethane
 Concen: 31.11 ug/l
 RT: 1.991 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VD068289.D
 Acq: 04 Feb 2021 20:56



Tgt Ion: 85 Resp: 17737
 Ion Ratio Lower Upper
 85 100
 87 32.8 15.4 46.1





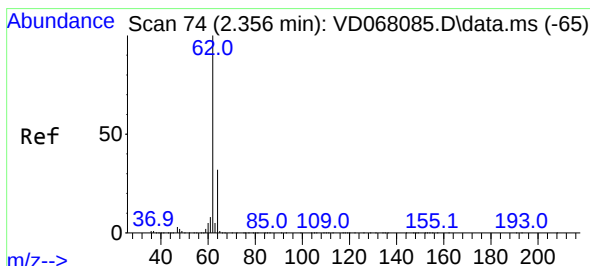
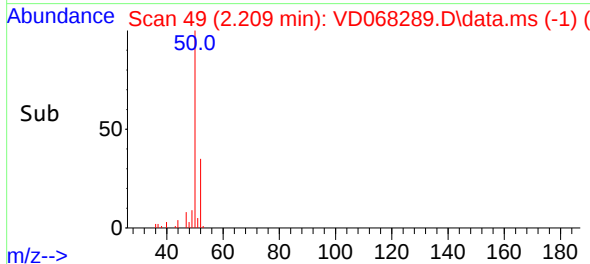
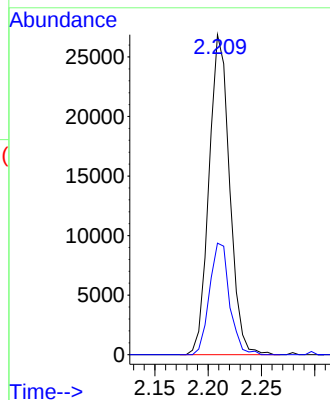
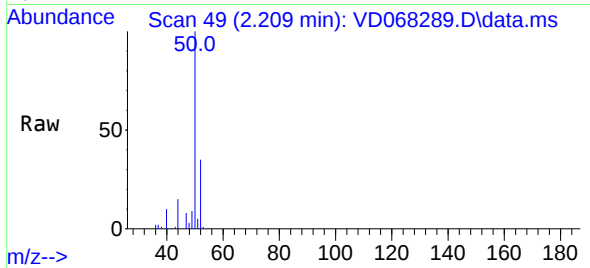
#3
Chloromethane
Concen: 58.97 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.005 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 50 Resp: 36213
Ion Ratio Lower Upper
50 100
52 34.9 25.4 38.2

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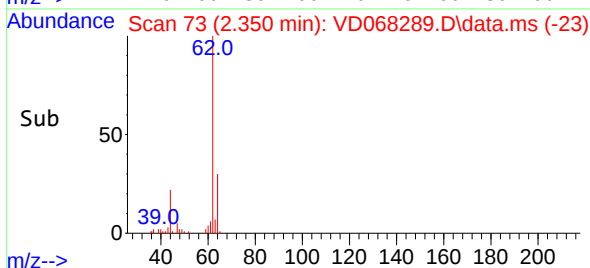
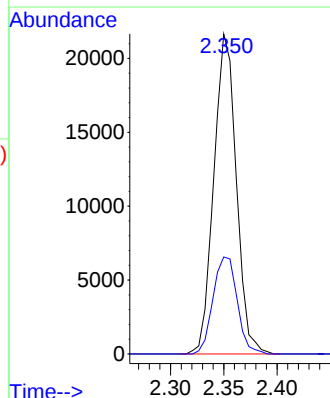
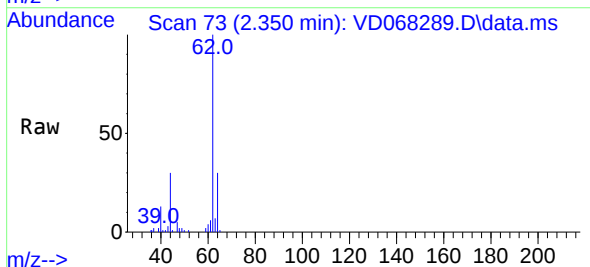
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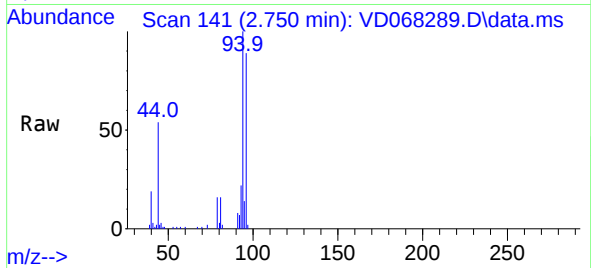
#4
Vinyl Chloride
Concen: 46.49 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 62 Resp: 31751
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.2

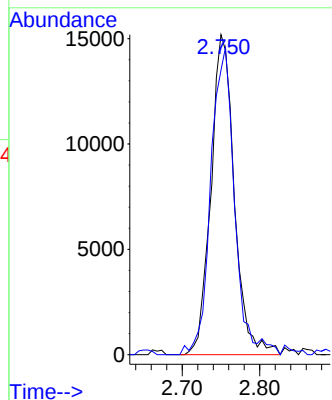




#5
Bromomethane
Concen: 68.01 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.023 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



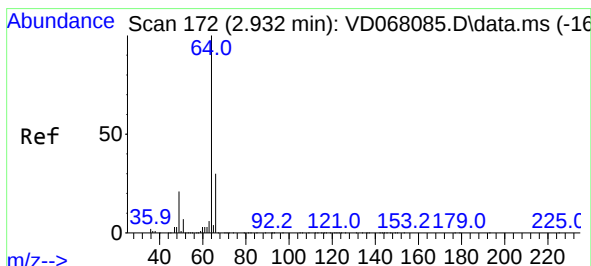
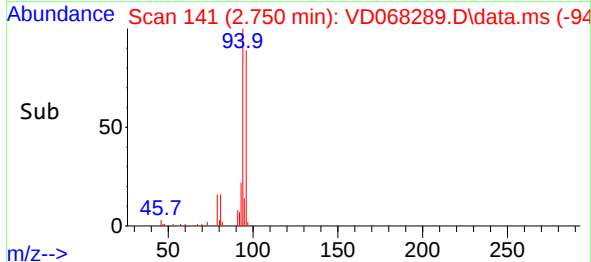
Tgt Ion: 94 Resp: 31855
Ion Ratio Lower Upper
94 100
96 88.9 75.8 113.8



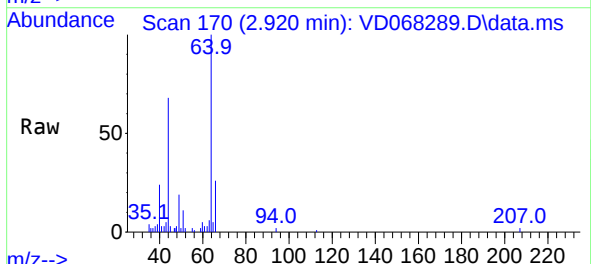
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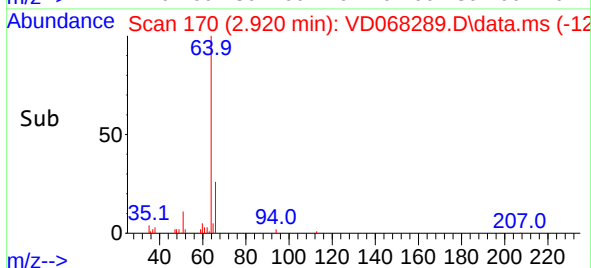
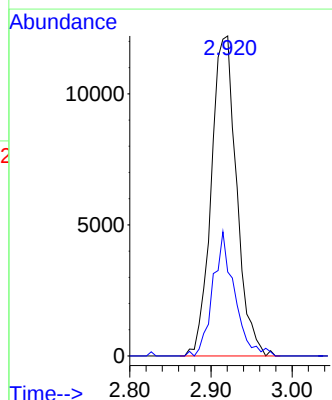
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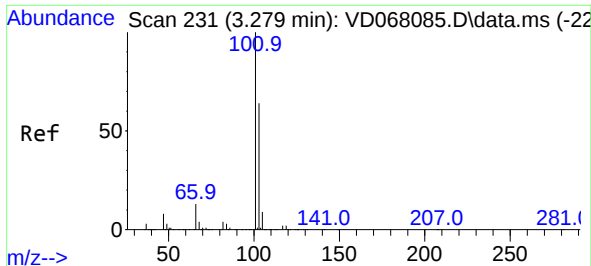


#6
Chloroethane
Concen: 63.46 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



Tgt Ion: 64 Resp: 26479
Ion Ratio Lower Upper
64 100
66 26.2 25.1 37.7





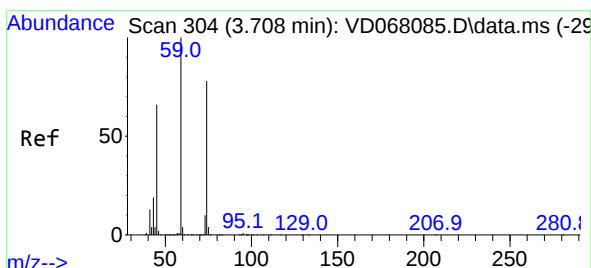
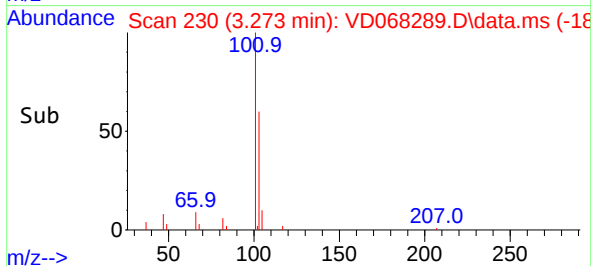
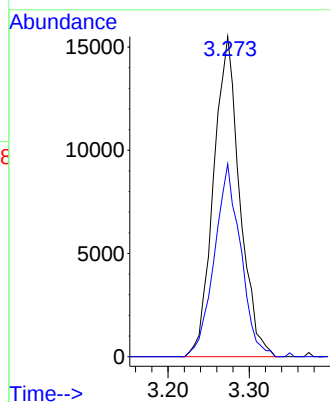
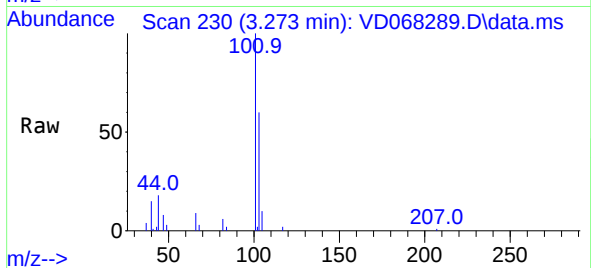
#7
Trichlorofluoromethane
Concen: 38.79 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:101 Resp: 34779
Ion Ratio Lower Upper
101 100
103 60.2 52.0 78.0

Instrument :
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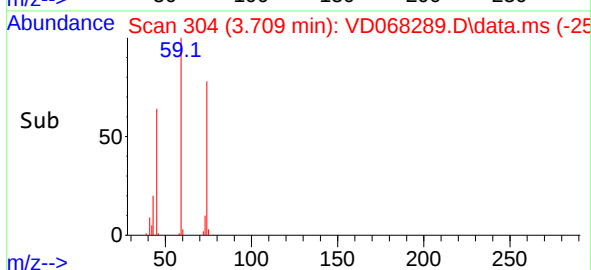
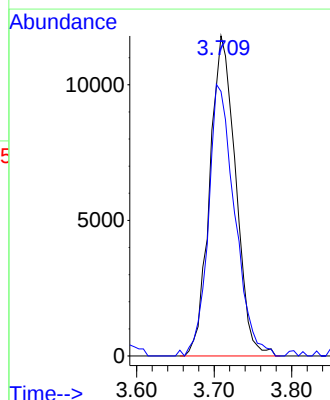
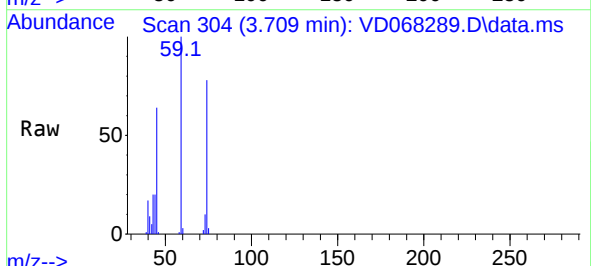
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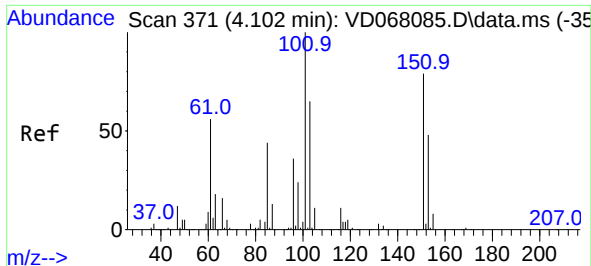
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#8
Diethyl Ether
Concen: 104.02 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.001 min
Lab File: VD068289.D
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Tgt Ion: 74 Resp: 27458
Ion Ratio Lower Upper
74 100
45 86.7 42.1 126.4





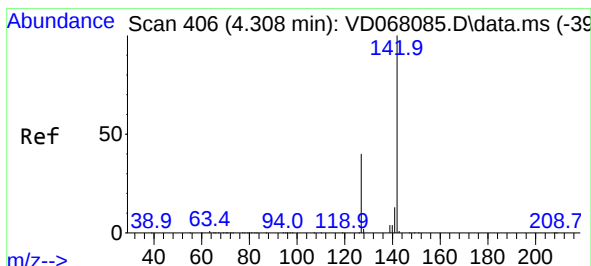
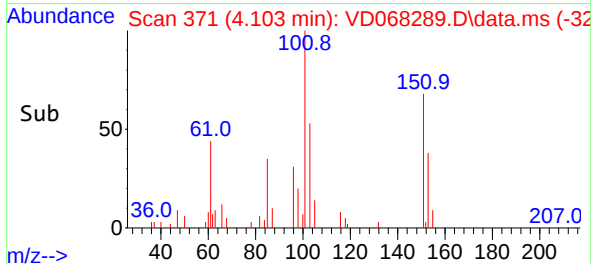
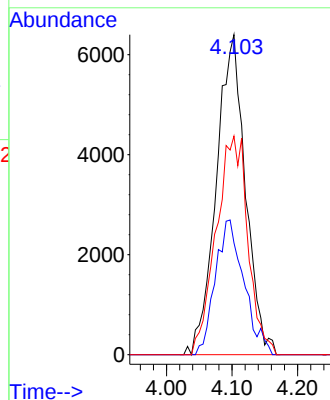
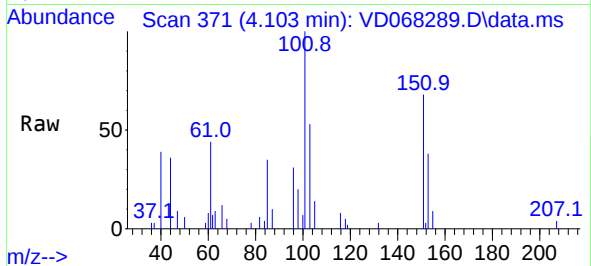
#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.84 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.001 min
Lab File: VD068289.D
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Tgt Ion:	101	Resp:	19786
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.0	51.0
151	74.4	64.1	96.1

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ClientSampleId :
OU421-005-0510MSD

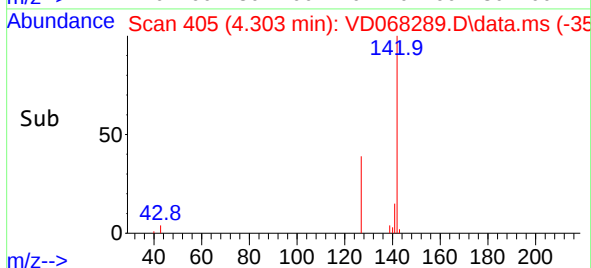
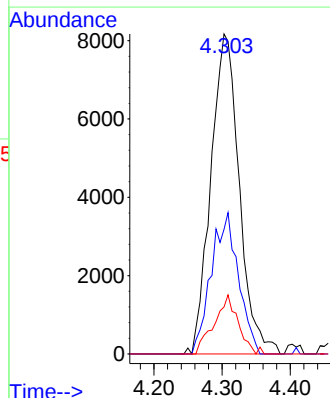
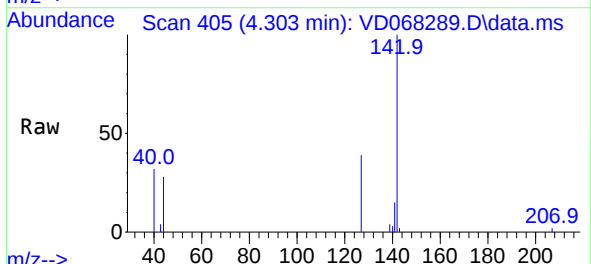
Manual Integrations
APPROVED

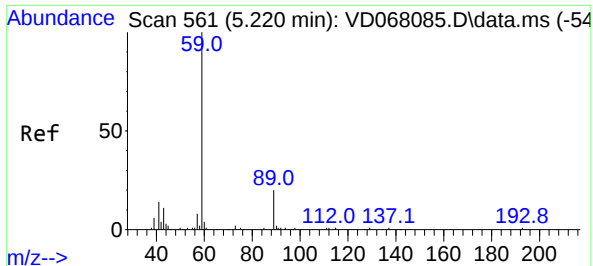
MMDadoda
2/5/2021 10:50:36 AM



#10
Methyl Iodide
Concen: 41.04 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:	142	Resp:	23715
Ion Ratio	Lower	Upper	
142	100		
127	42.2	37.9	56.9
141	15.5	11.5	17.3





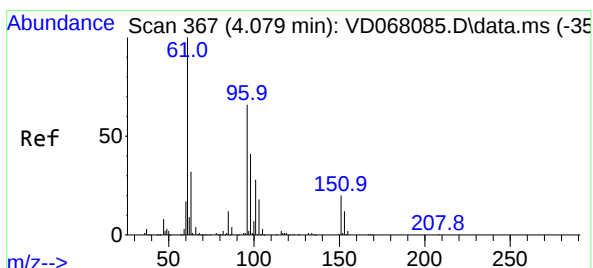
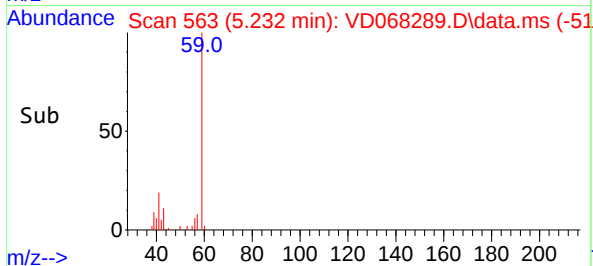
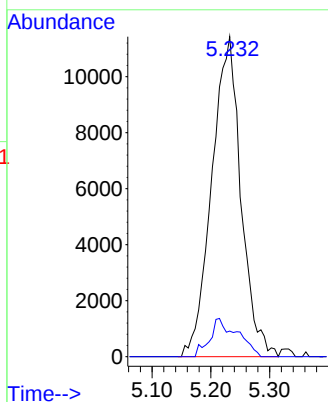
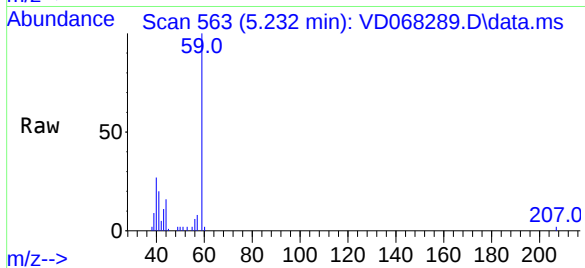
#11
Tert butyl alcohol
Concen: 1205.09 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 59 Resp: 39455
Ion Ratio Lower Upper
59 100
57 11.3 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

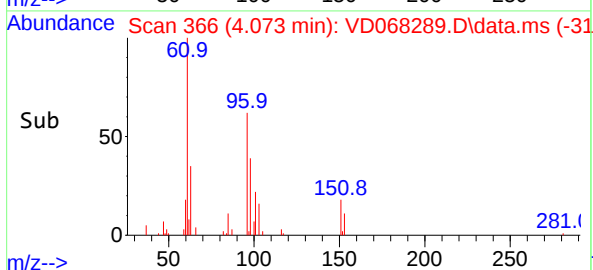
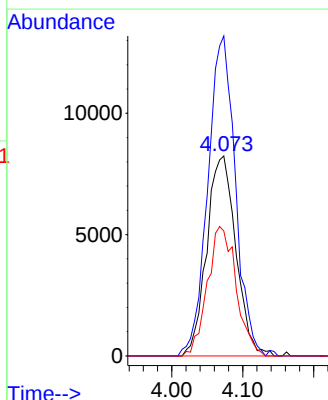
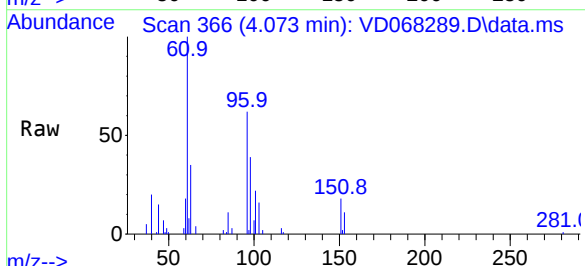
Manual Integrations
APPROVED

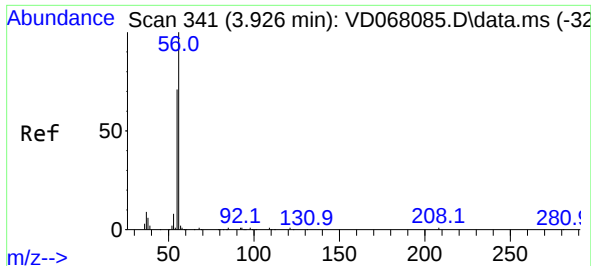
MMDadoda
2/5/2021 10:50:36 AM



#12
1,1-Dichloroethene
Concen: 44.61 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 96 Resp: 23459
Ion Ratio Lower Upper
96 100
61 160.0 116.2 174.4
98 62.5 48.6 73.0





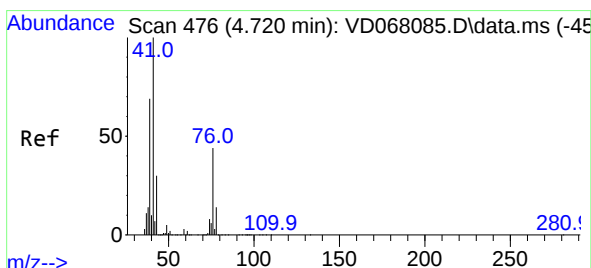
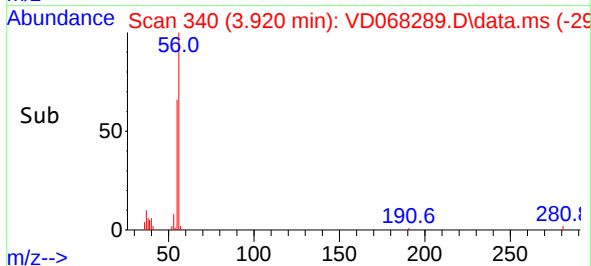
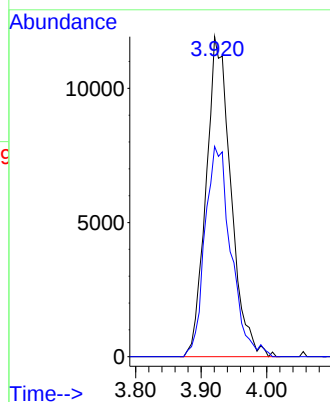
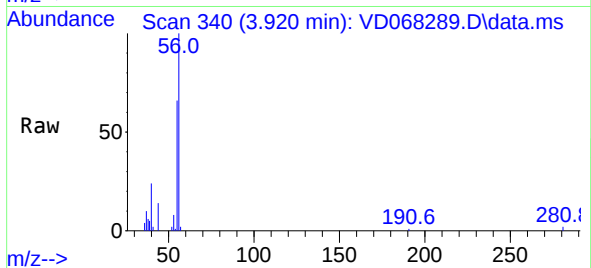
#13
Acrolein
Concen: 866.04 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 56 Resp: 31338
Ion Ratio Lower Upper
56 100
55 69.2 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

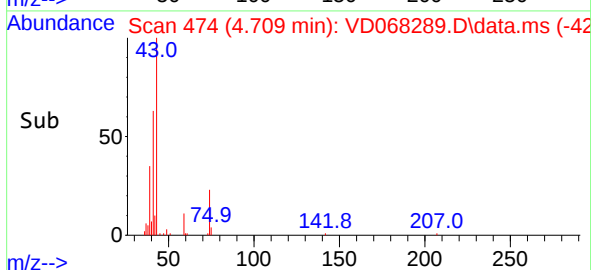
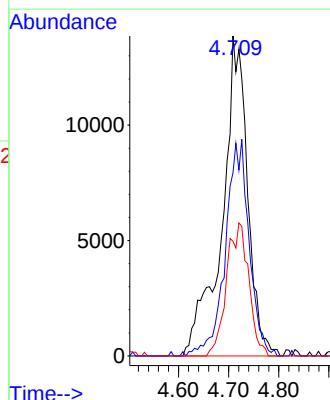
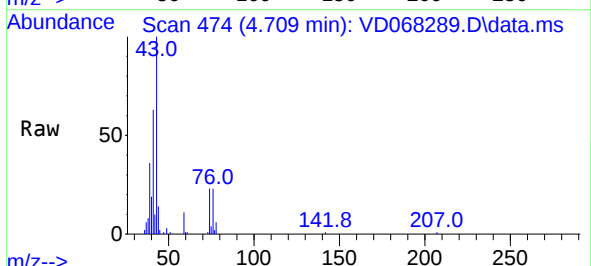
Manual Integrations
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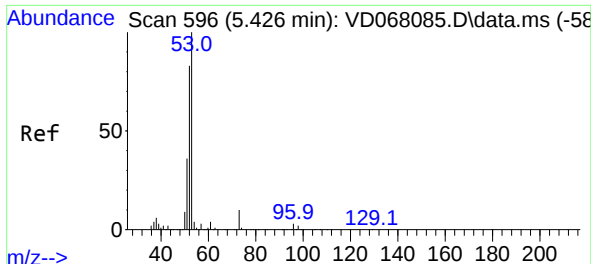
MMDadoda
2/5/2021 10:50:36 AM



#14
Allyl chloride
Concen: 64.40 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 41 Resp: 49261
Ion Ratio Lower Upper
41 100
39 62.6 56.3 84.5
76 35.9 38.9 58.3#





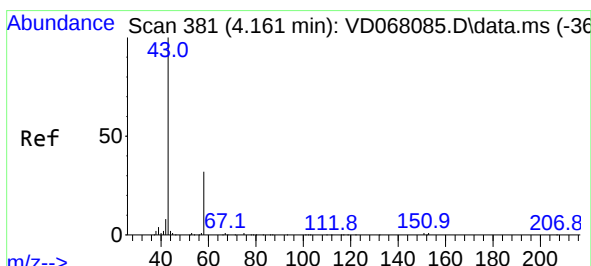
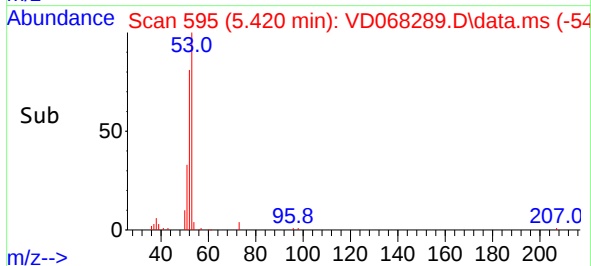
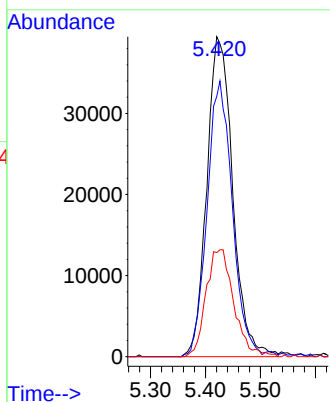
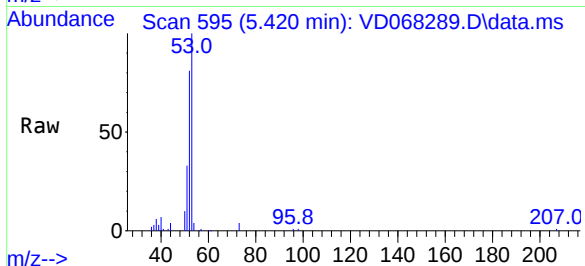
#15
Acrylonitrile
Concen: 1233.34 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 53	Resp: 128958
Ion Ratio	Lower Upper
53 100	
52 83.9	66.2 99.2
51 35.9	29.0 43.4

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

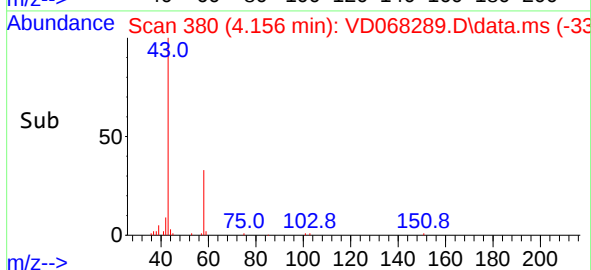
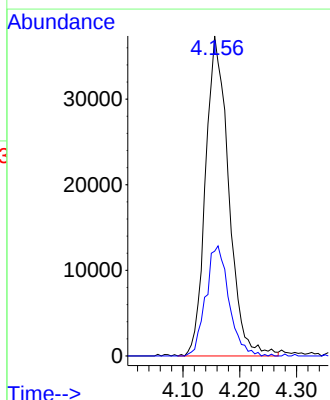
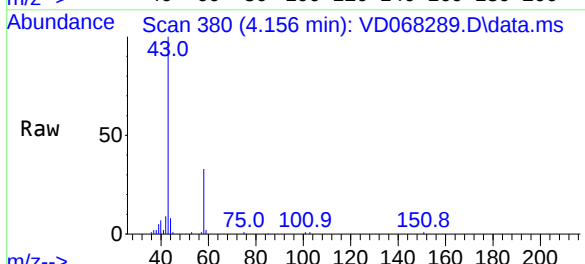
Manual Integrations
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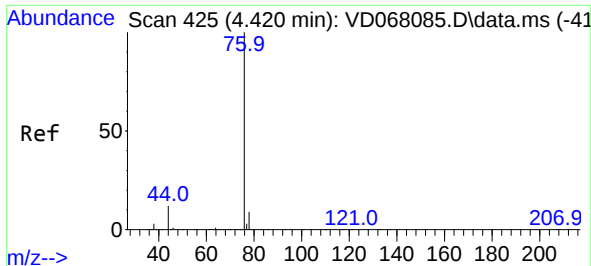
MMDadoda
2/5/2021 10:50:36 AM



#16
Acetone
Concen: 1289.02 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

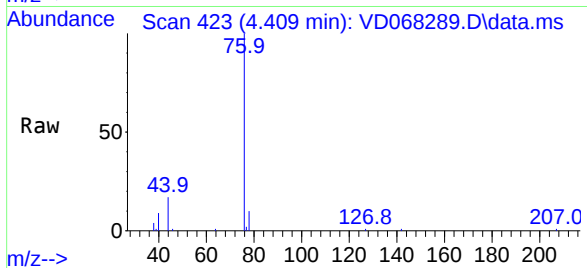
Tgt Ion: 43	Resp: 105686
Ion Ratio	Lower Upper
43 100	
58 32.8	24.2 36.4





#17
Carbon Disulfide
Concen: 43.41 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.011 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

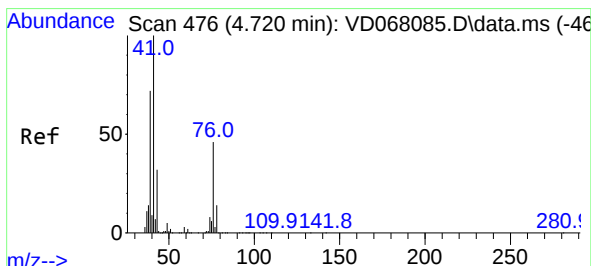
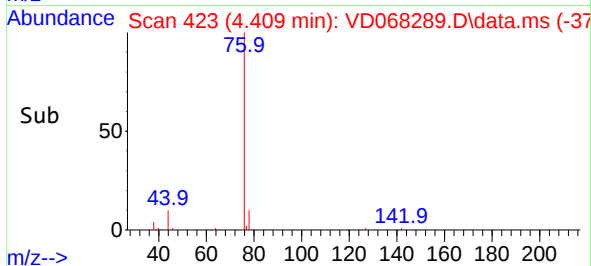
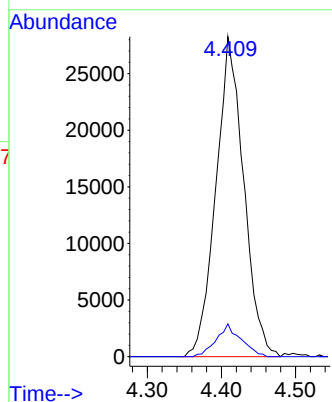
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



Tgt Ion: 76 Resp: 73532
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9

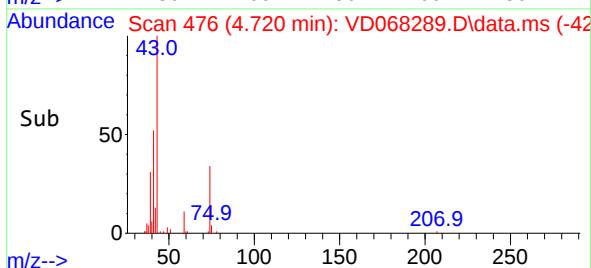
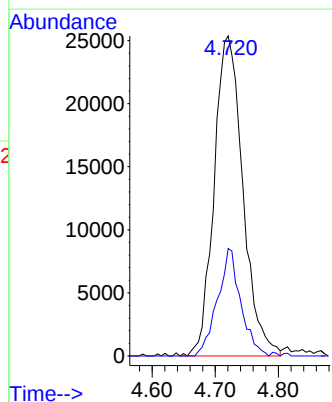
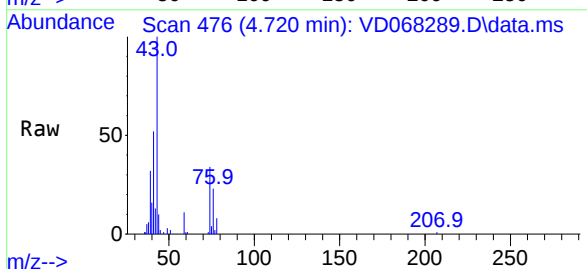
Manual Integrations
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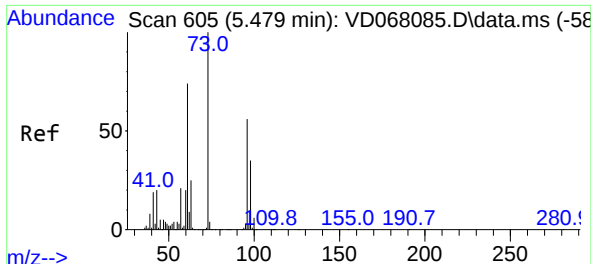
MMDadoda
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#18
Methyl Acetate
Concen: 376.97 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 43 Resp: 80218
Ion Ratio Lower Upper
43 100
74 27.0 25.4 38.0





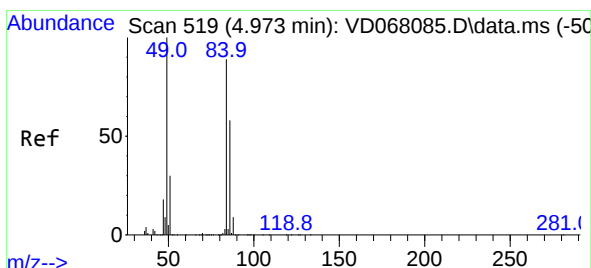
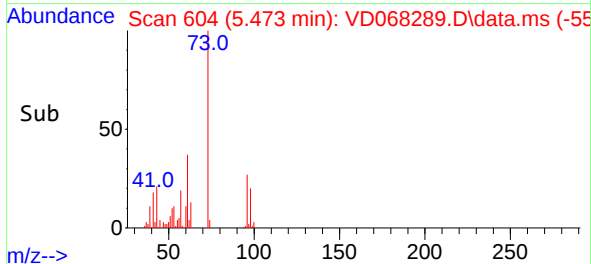
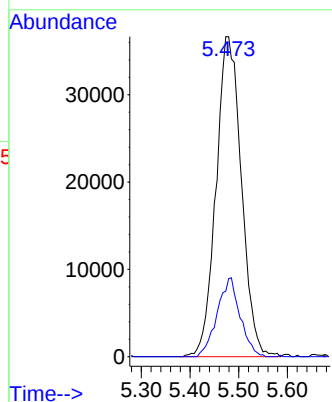
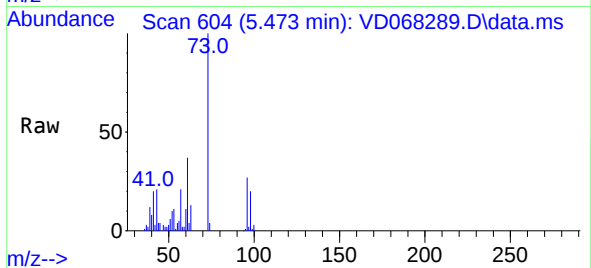
#19
Methyl tert-butyl Ether
Concen: 108.91 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 73 Resp: 132412
Ion Ratio Lower Upper
73 100
57 20.5 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

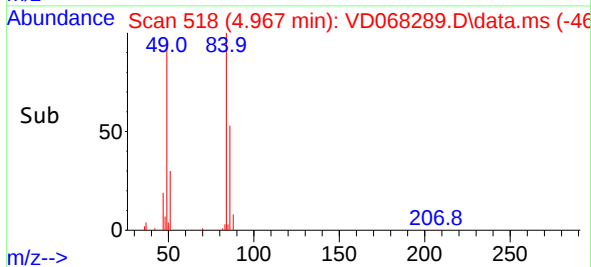
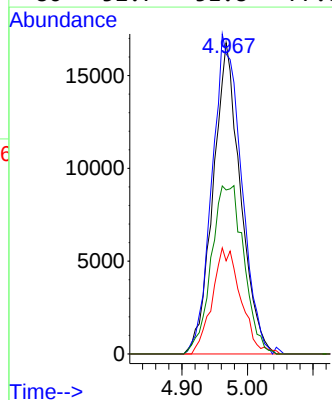
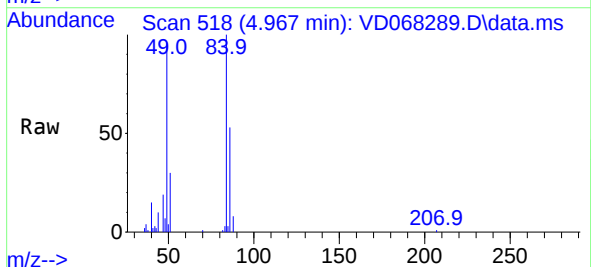
Manual Integrations
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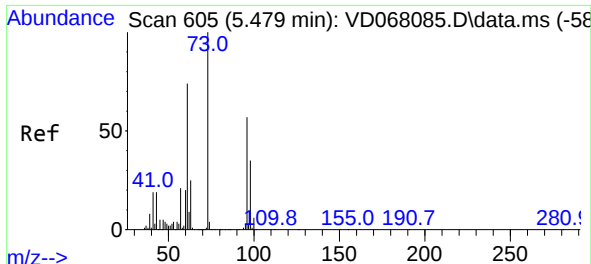
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#20
Methylene Chloride
Concen: 87.69 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

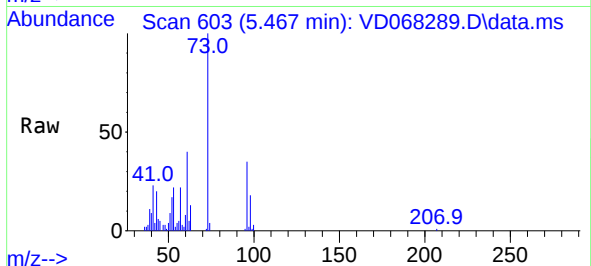
Tgt Ion: 84 Resp: 48453
Ion Ratio Lower Upper
84 100
49 96.4 77.4 116.2
51 29.9 26.1 39.1
86 52.7 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 53.79 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

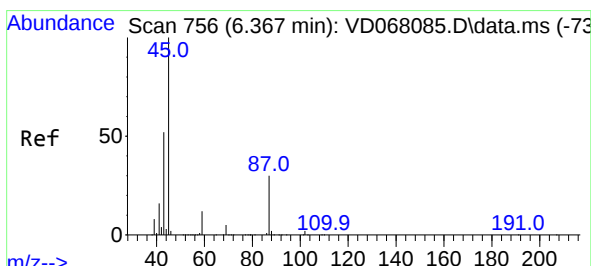
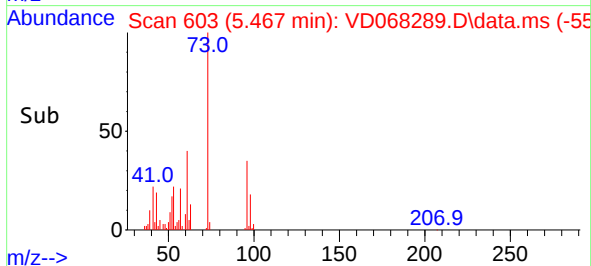
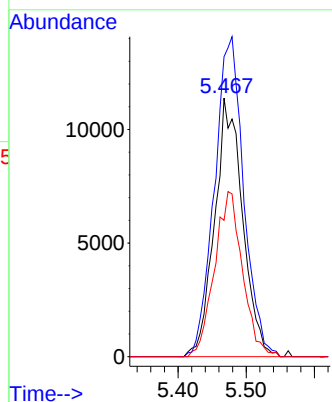
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



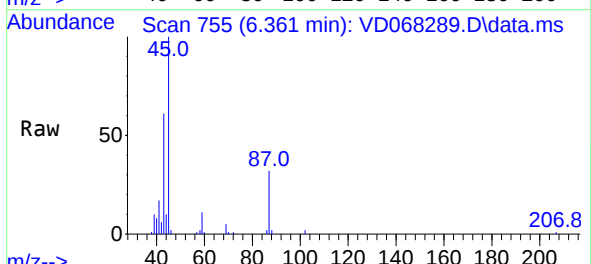
Tgt Ion: 96 Resp: 32475
Ion Ratio Lower Upper
96 100
61 116.0 96.7 145.1
98 52.7 47.6 71.4

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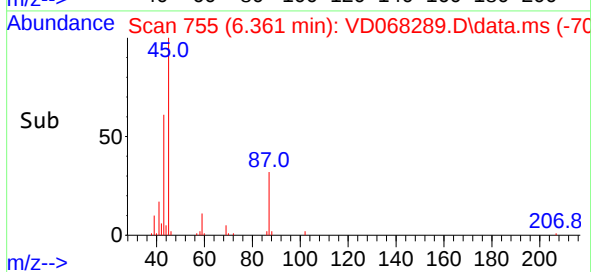
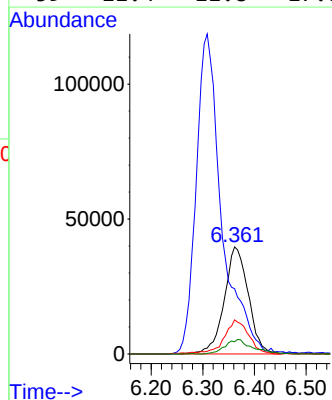
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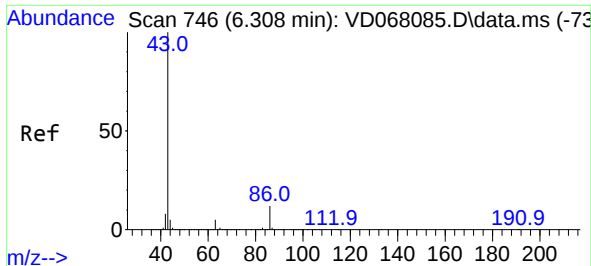


#22
Diisopropyl ether
Concen: 82.81 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



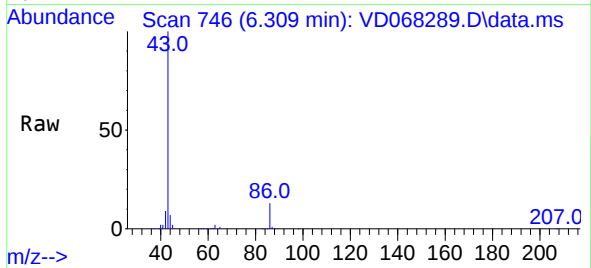
Tgt Ion: 45 Resp: 127823
Ion Ratio Lower Upper
45 100
43 59.0 43.9 65.9
87 31.8 29.9 44.9
59 11.4 11.8 17.8#





#23
 Vinyl Acetate
 Concen: 492.07 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068289.D
 Acq: 04 Feb 2021 20:56

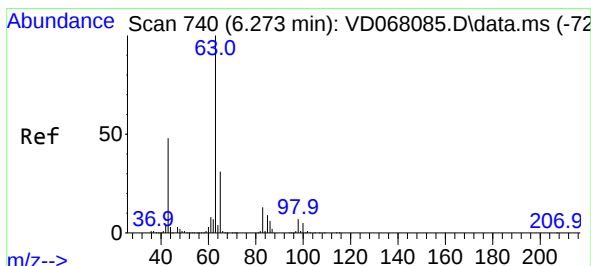
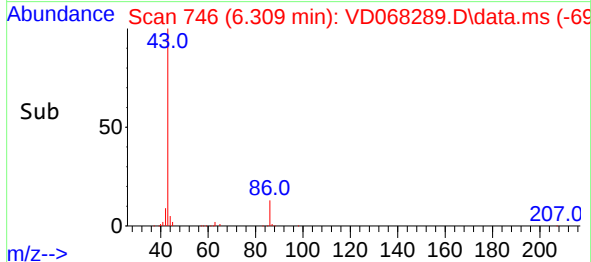
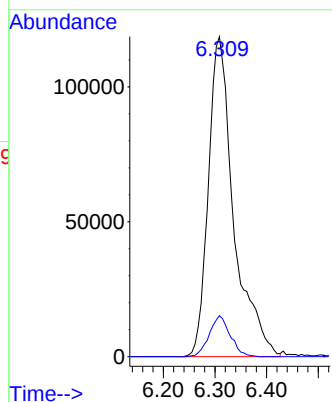
Instrument :
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 ClientSampleId :
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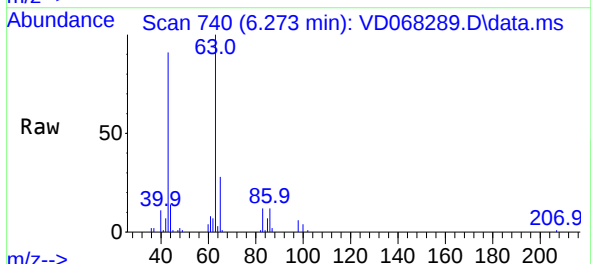
Tgt Ion: 43 Resp: 404866
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.8 16.2

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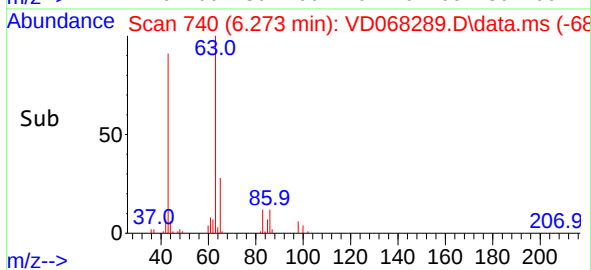
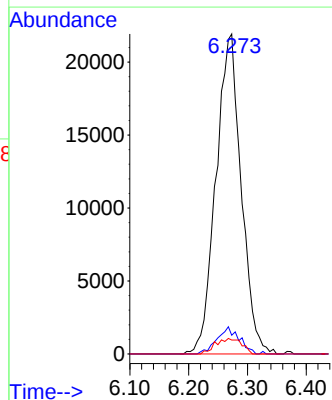
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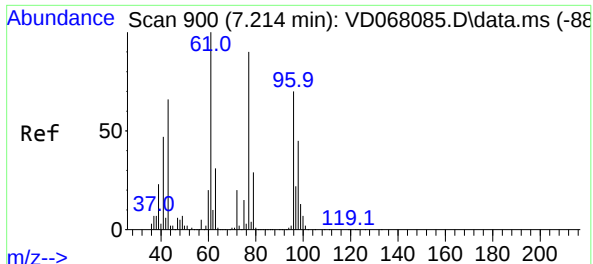


#24
 1,1-Dichloroethane
 Concen: 65.44 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD068289.D
 Acq: 04 Feb 2021 20:56



Tgt Ion: 63 Resp: 65452
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.8 11.4
 100 4.3 2.6 8.0





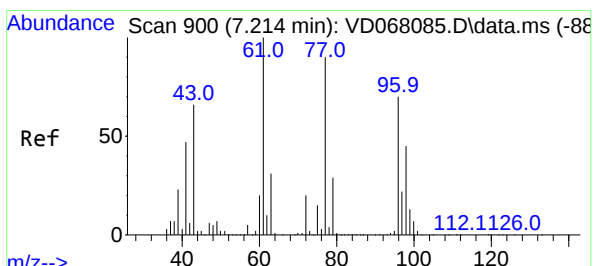
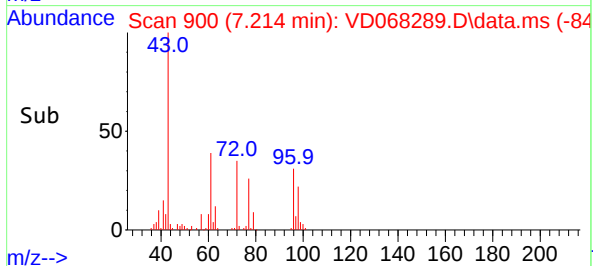
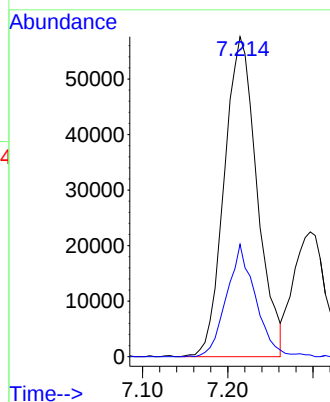
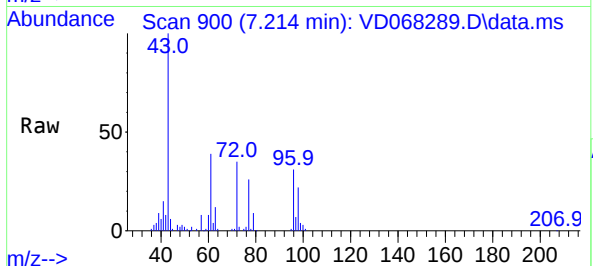
#25
2-Butanone
Concen: 1249.76 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 43 Resp: 154285
Ion Ratio Lower Upper
43 100
72 35.1 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

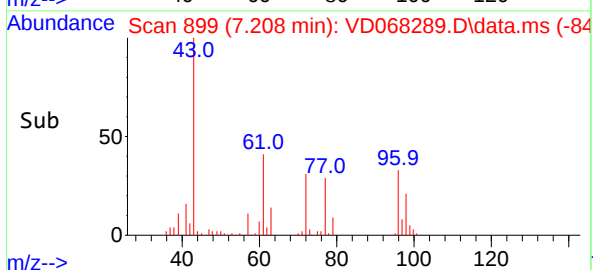
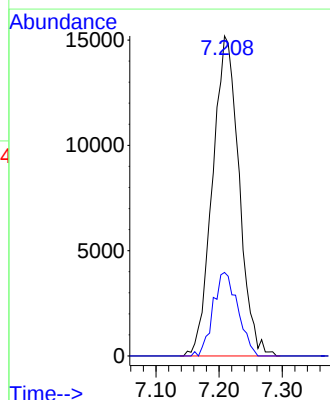
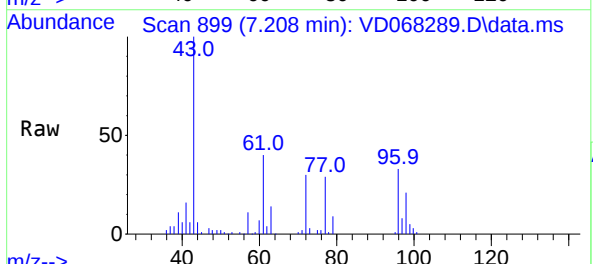
Manual Integrations
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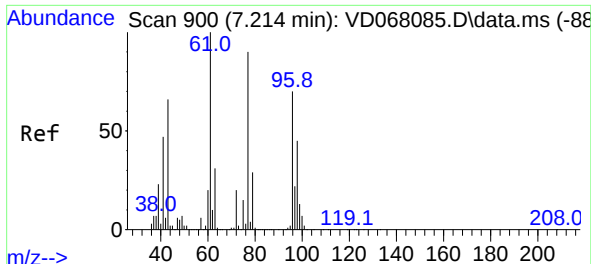
MMDadoda
2/5/2021 10:50:36 AM



#26
2,2-Dichloropropane
Concen: 46.76 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

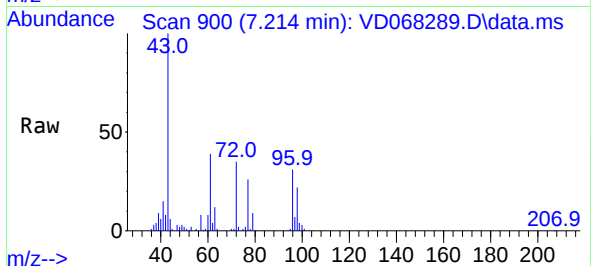
Tgt Ion: 77 Resp: 44246
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 71.14 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

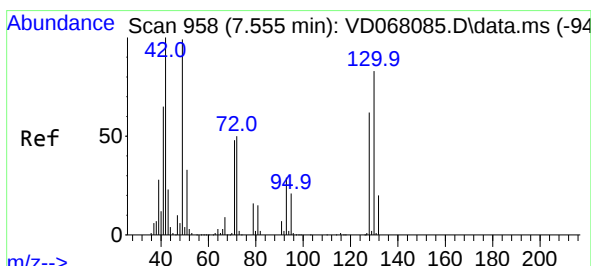
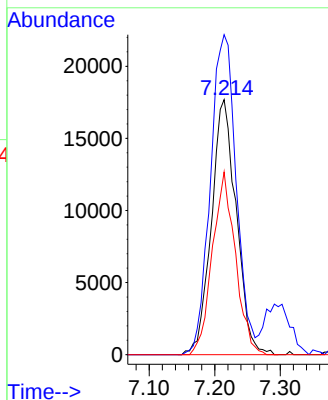
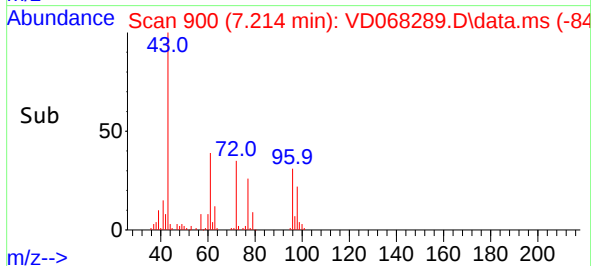
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



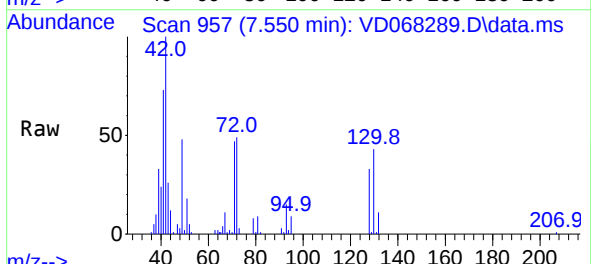
Tgt Ion: 96 Resp: 46630
Ion Ratio Lower Upper
96 100
61 130.3 0.0 257.4
98 66.3 0.0 126.6

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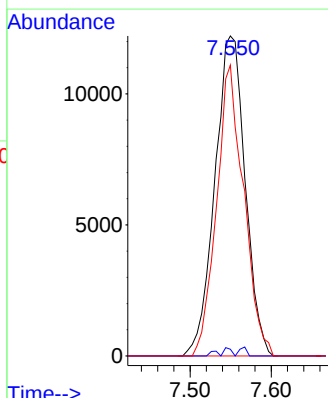
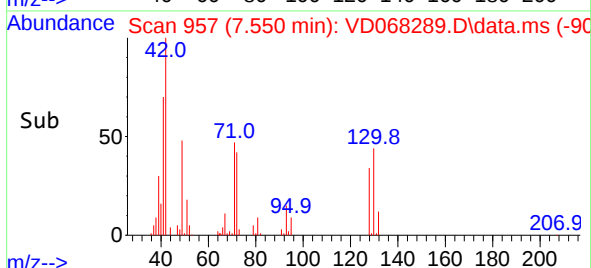
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2/5/2021 10:50:36 AM

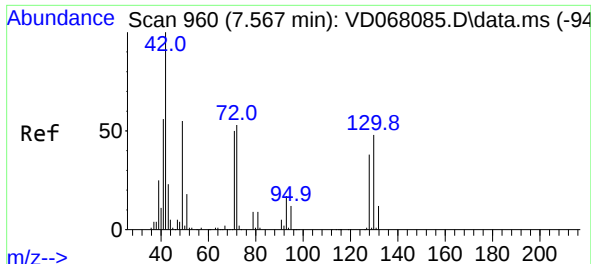


#28
Bromochloromethane
Concen: 93.00 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



Tgt Ion: 49 Resp: 31689
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.8
130 81.3 85.5 128.3#





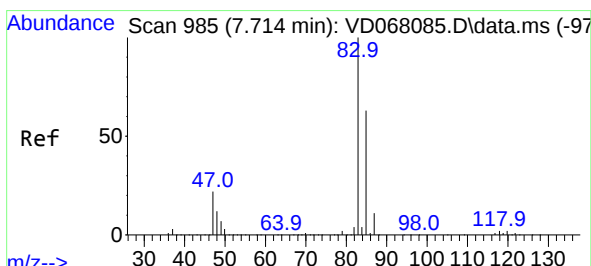
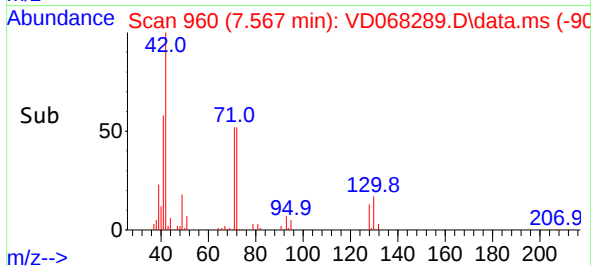
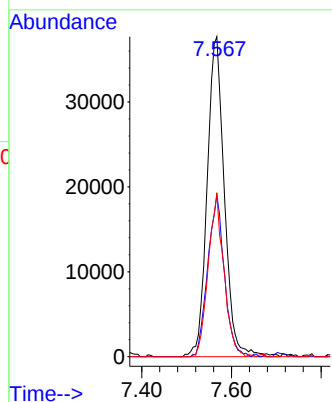
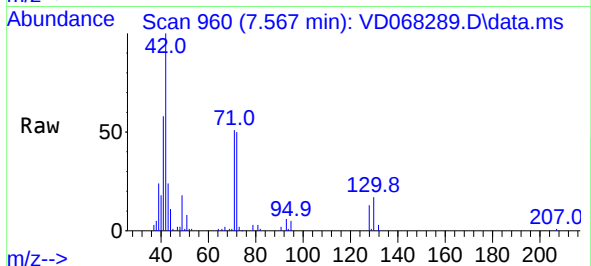
#29
Tetrahydrofuran
Concen: 1255.75 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:	42	Resp:	100495
Ion	Ratio	Lower	Upper
42	100		
72	48.4	43.4	65.0
71	46.2	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
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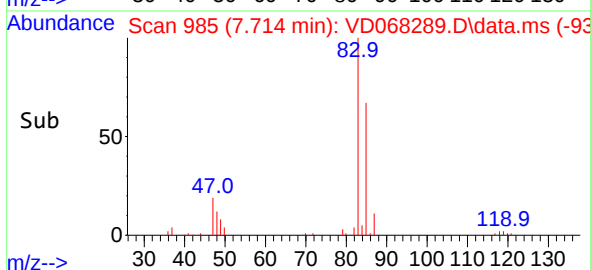
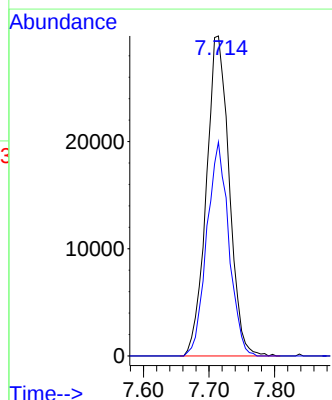
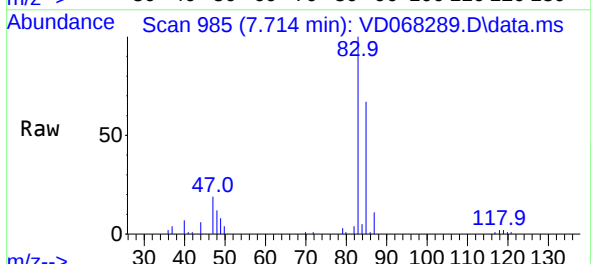
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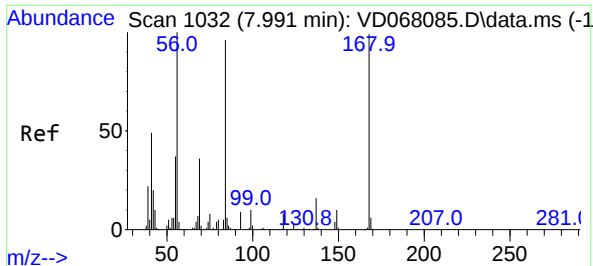
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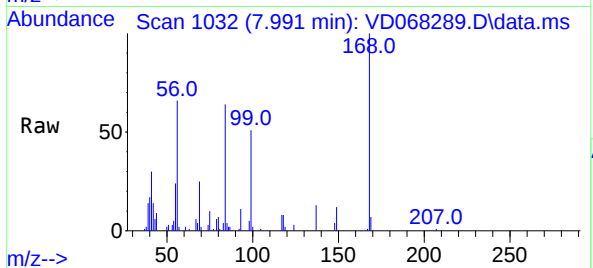
#30
Chloroform
Concen: 71.55 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:	83	Resp:	72313
Ion	Ratio	Lower	Upper
83	100		
85	66.9	53.4	80.0

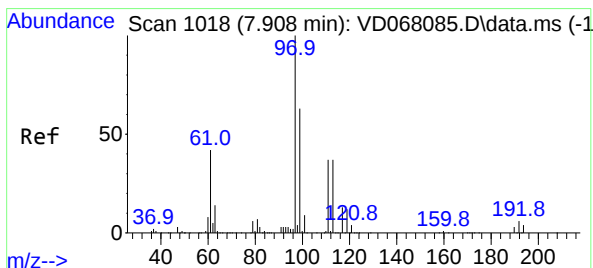
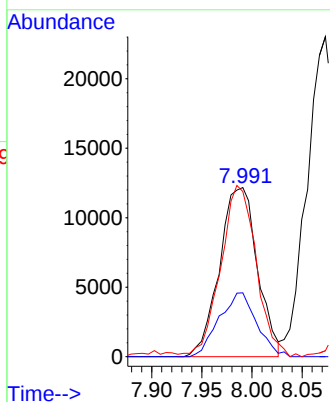
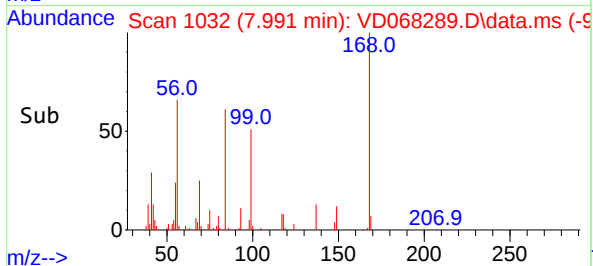




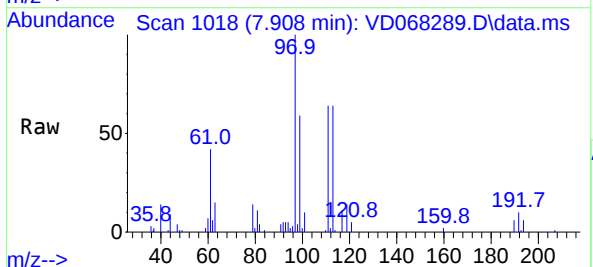
#31
Cyclohexane
Concen: 32.22 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



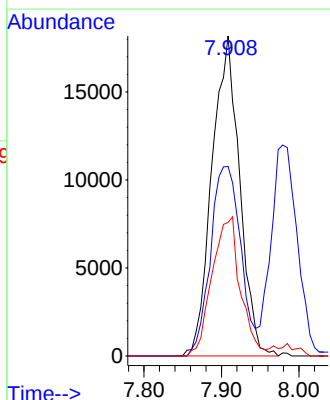
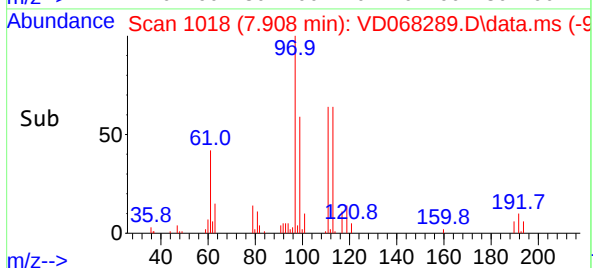
Tgt Ion: 56 Resp: 32039
Ion Ratio Lower Upper
56 100
69 37.8 30.1 45.1
84 96.3 82.1 123.1



#32
1,1,1-Trichloroethane
Concen: 49.48 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



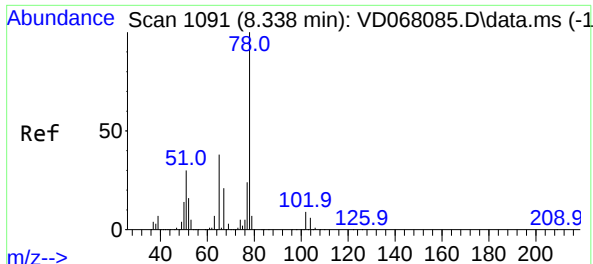
Tgt Ion: 97 Resp: 45064
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 44.4 30.1 45.1



Instrument :
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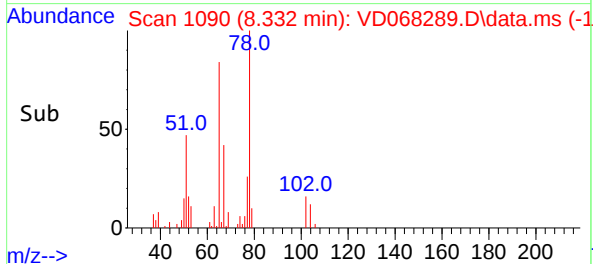
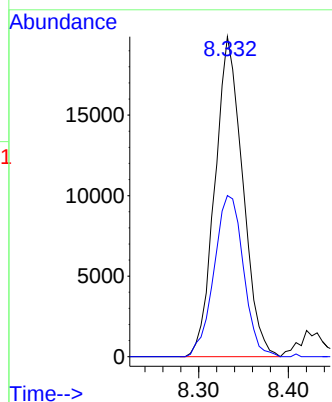
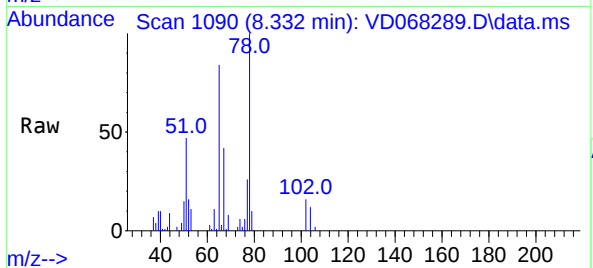
#33
1,2-Dichloroethane-d4
Concen: 93.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Instrument :
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ClientSampleId :
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Tgt Ion: 65 Resp: 42736
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0

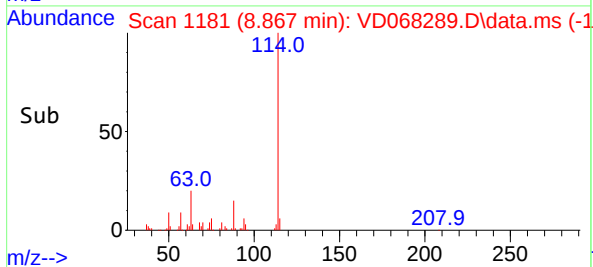
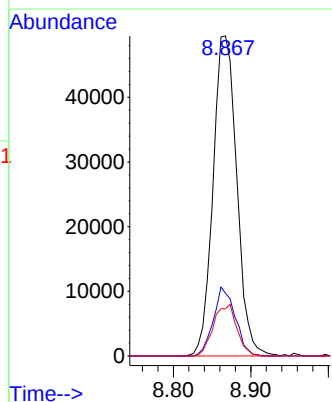
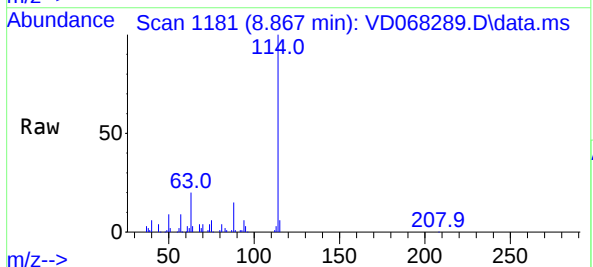
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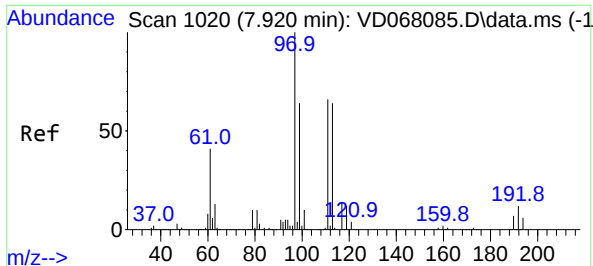
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 114 Resp: 105433
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 14.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 57.16 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068289.D

Acq: 04 Feb 2021 20:56

Tgt Ion:	113	Resp:	33316
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	18.4	16.1	24.1

Instrument :

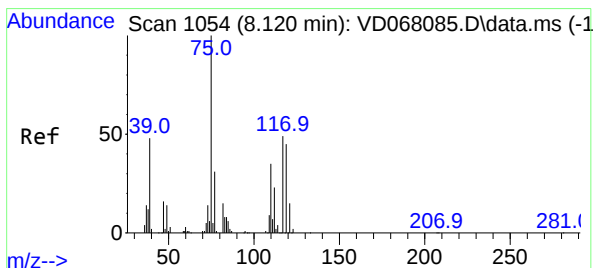
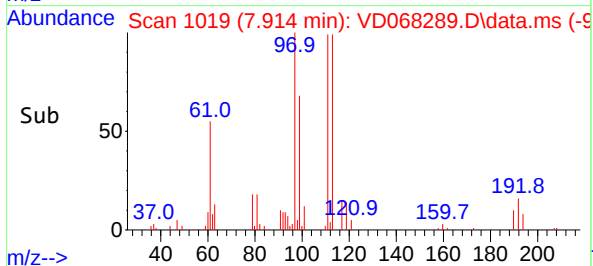
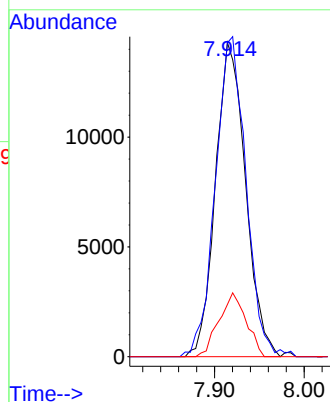
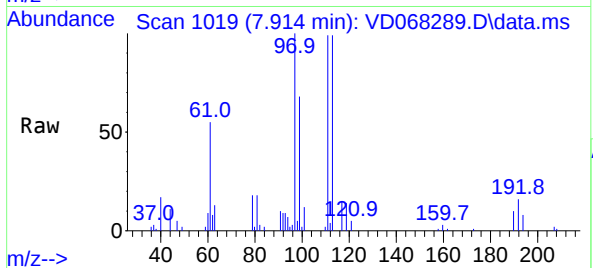
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ClientSampleId :

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#36

1,1-Dichloropropene

Concen: 34.31 ug/l

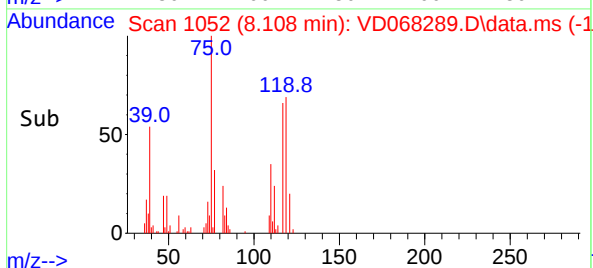
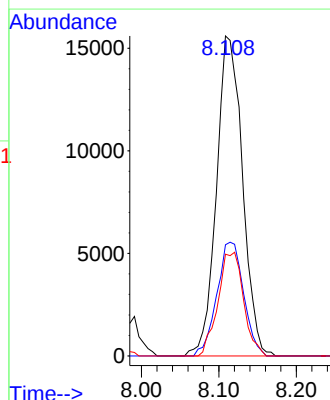
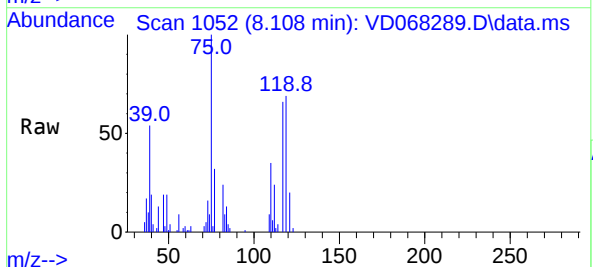
RT: 8.108 min Scan# 1052

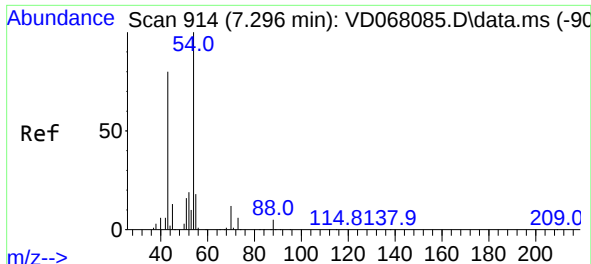
Delta R.T. -0.011 min

Lab File: VD068289.D

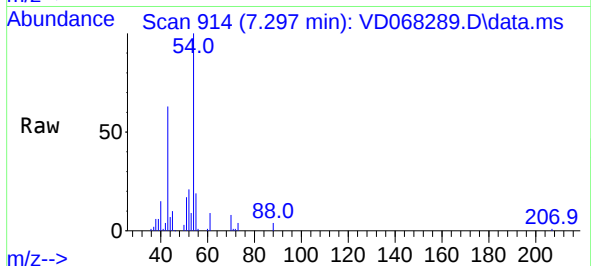
Acq: 04 Feb 2021 20:56

Tgt Ion:	75	Resp:	36474
Ion	Ratio	Lower	Upper
75	100		
110	36.5	19.4	58.2
77	31.9	25.3	37.9



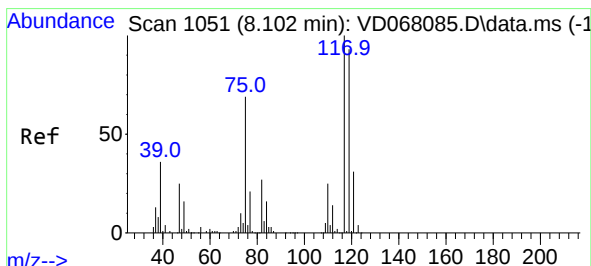
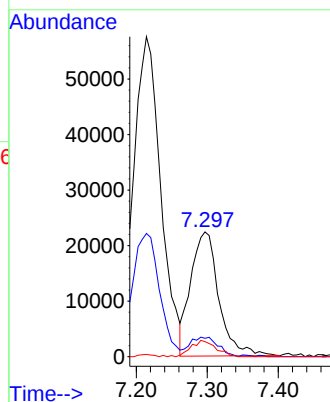
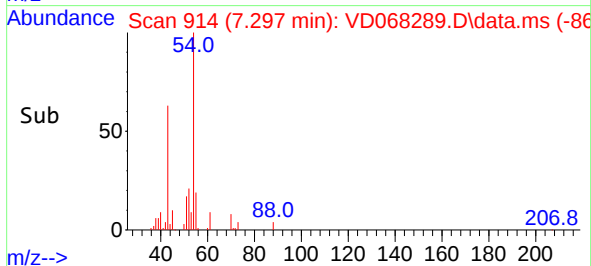


#37
Ethyl Acetate
Concen: 163.67 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

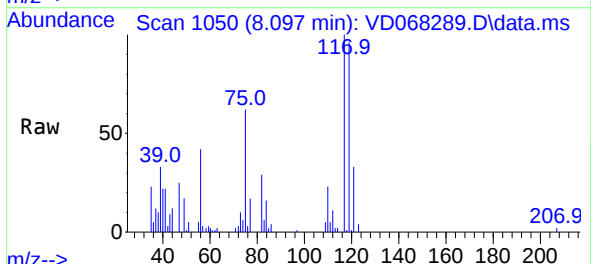


Tgt Ion: 43 Resp: 61557

Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.9	19.3
70	11.6	11.0	16.6

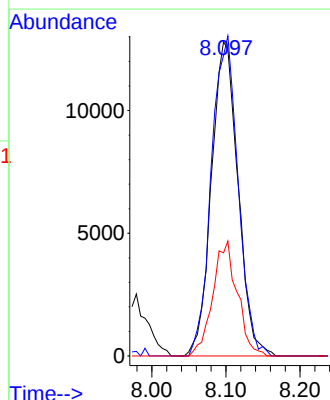
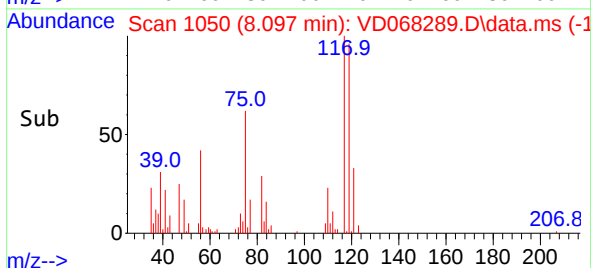


#38
Carbon Tetrachloride
Concen: 32.05 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



Tgt Ion: 117 Resp: 31896

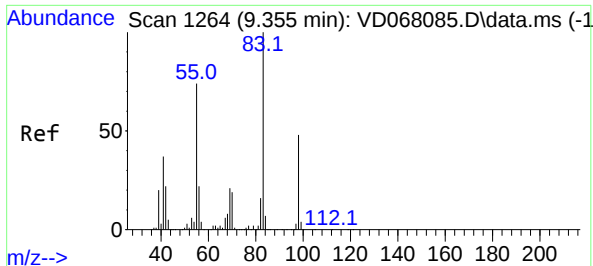
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	32.8	24.7	37.1



Instrument :
MSVOA_D
ClientSampleId :
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#39

Methylcyclohexane

Concen: 20.23 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068289.D

Acq: 04 Feb 2021 20:56

Tgt Ion:	83	Resp:	28127
Ion	Ratio	Lower	Upper
83	100		
55	73.4	55.2	82.8
98	49.0	39.1	58.7

Instrument :

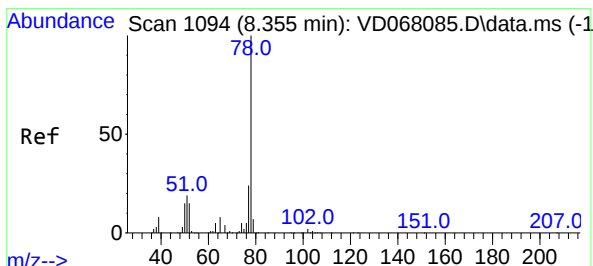
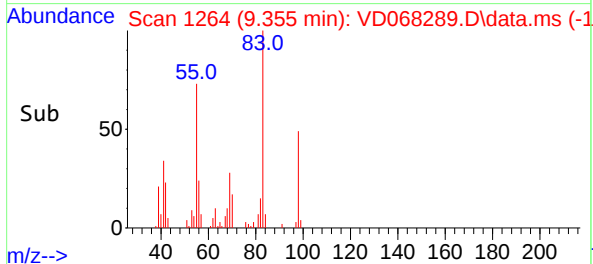
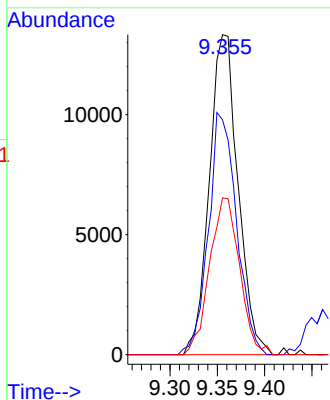
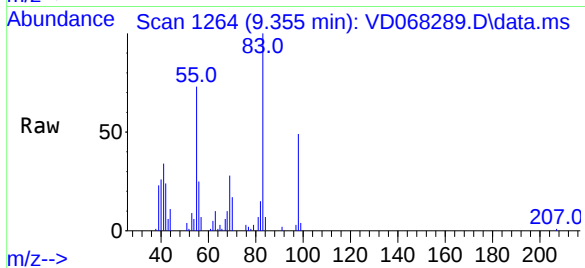
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ClientSampleId :

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#40

Benzene

Concen: 50.59 ug/l

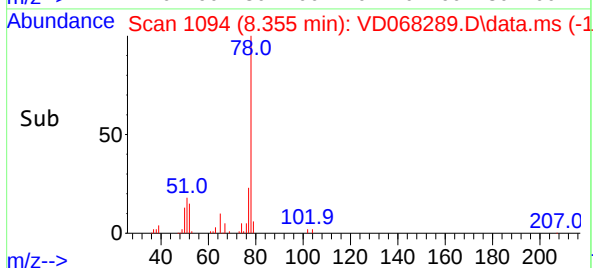
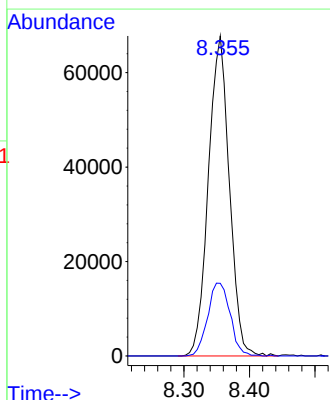
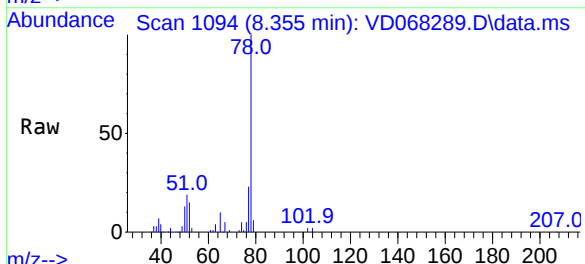
RT: 8.355 min Scan# 1094

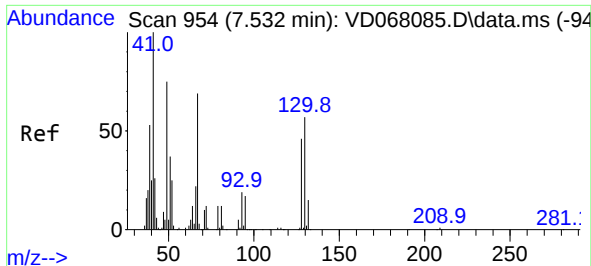
Delta R.T. 0.000 min

Lab File: VD068289.D

Acq: 04 Feb 2021 20:56

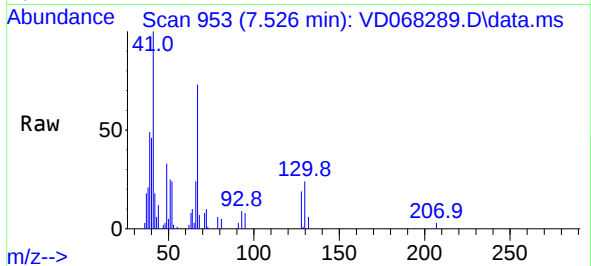
Tgt Ion:	78	Resp:	150381
Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.8	26.6





#41
Methacrylonitrile
Concen: 123.27 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

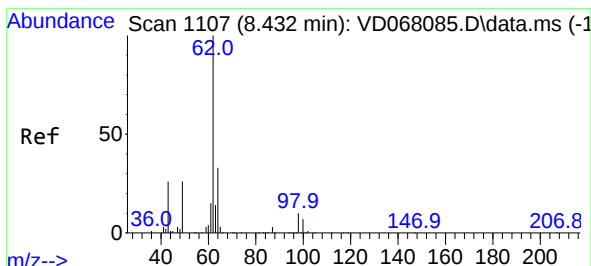
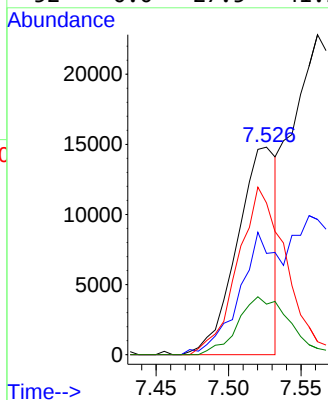
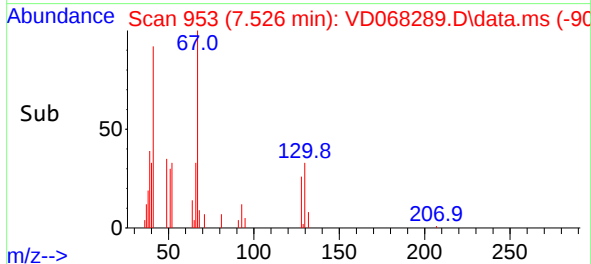
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



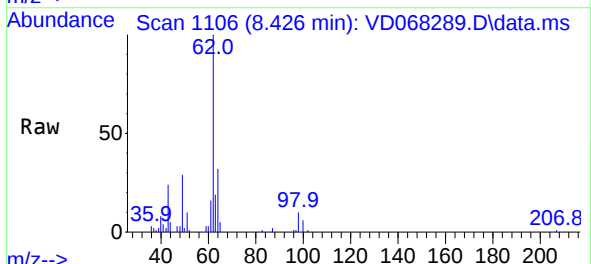
Tgt Ion:	41	Resp:	27980
Ion	Ratio	Lower	Upper
41	100		
39	93.4	45.2	67.8#
67	0.0	67.4	101.2#
52	0.0	27.5	41.3#

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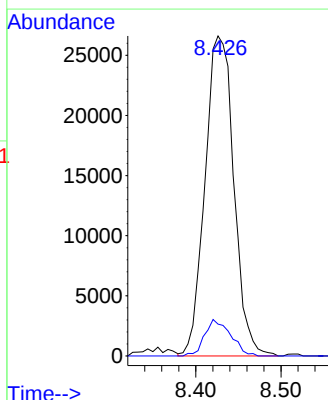
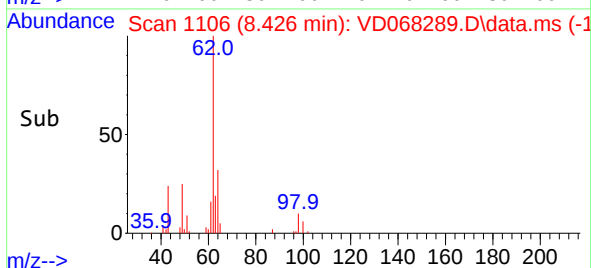
MMDadoda
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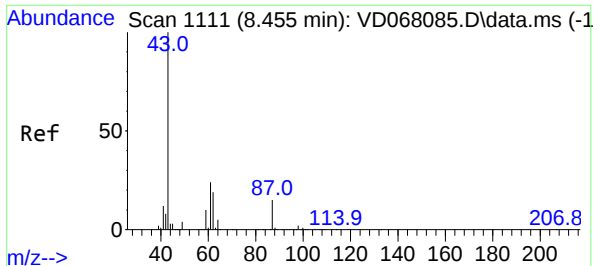


#42
1,2-Dichloroethane
Concen: 78.85 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



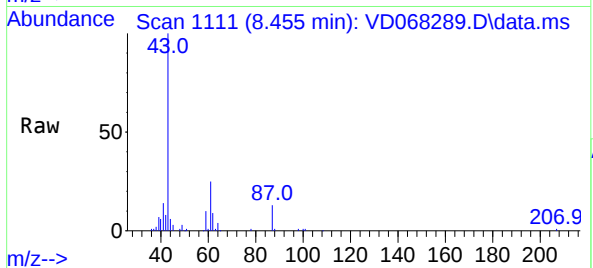
Tgt Ion:	62	Resp:	62632
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.8





#43
Isopropyl Acetate
Concen: 120.56 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

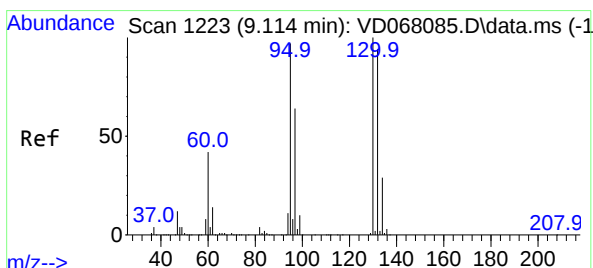
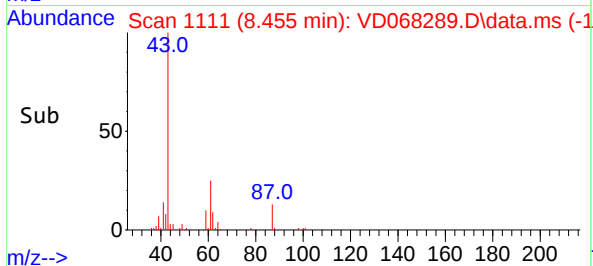
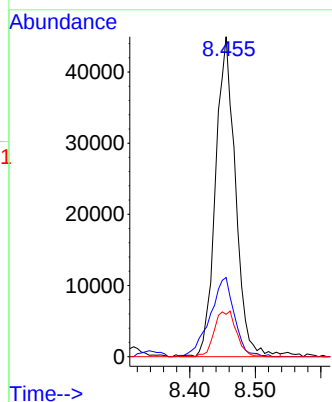
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



Tgt Ion: 43 Resp: 94491
Ion Ratio Lower Upper
43 100
61 30.5 28.7 43.1
87 15.9 13.9 20.9

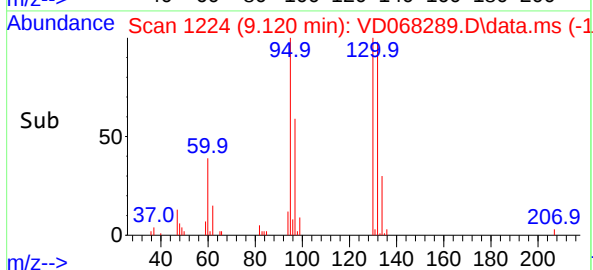
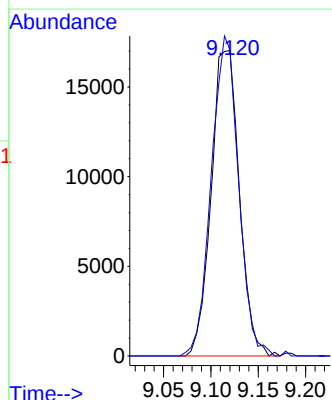
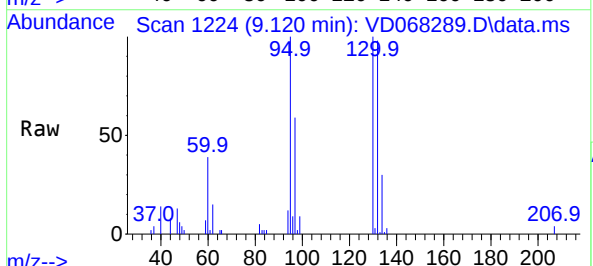
Manual Integrations
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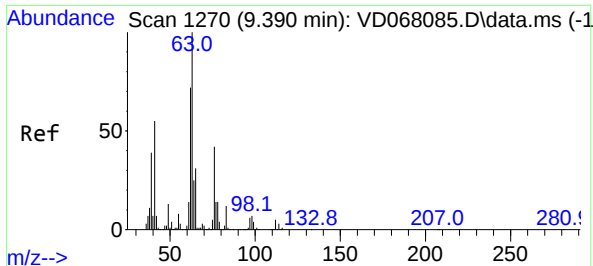
MMDadoda
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#44
Trichloroethene
Concen: 43.12 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:130 Resp: 35204
Ion Ratio Lower Upper
130 100
95 100.2 0.0 191.2





#45

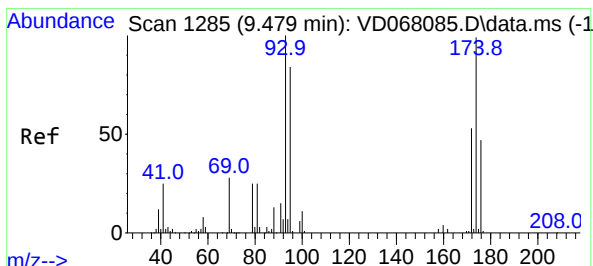
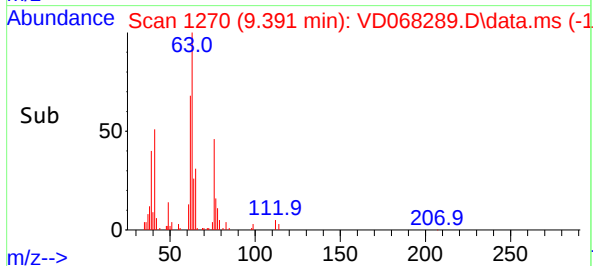
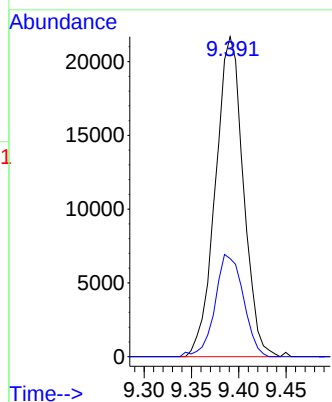
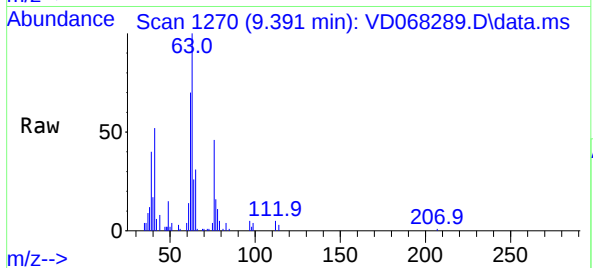
1,2-Dichloropropane
Concen: 61.06 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 63 Resp: 44449
Ion Ratio Lower Upper
63 100
65 30.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
APPROVED

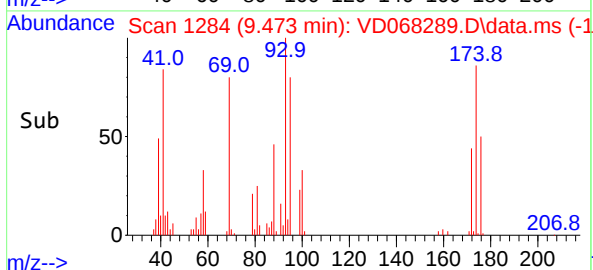
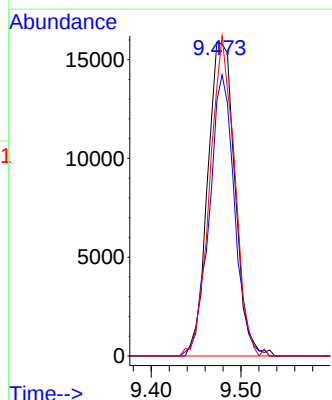
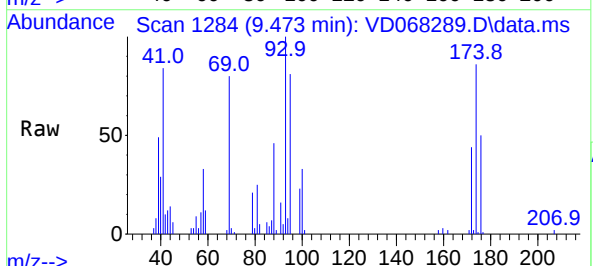
MMDadoda
2/5/2021 10:50:36 AM

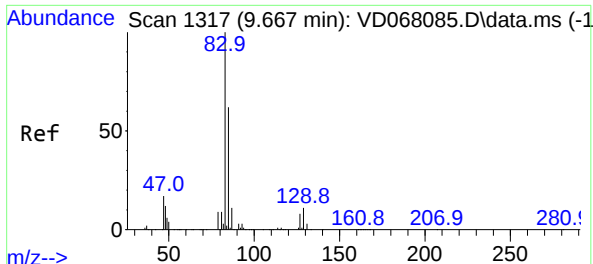


#46

Dibromomethane
Concen: 90.31 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 93 Resp: 33313
Ion Ratio Lower Upper
93 100
95 83.1 67.3 100.9
174 93.3 84.6 127.0





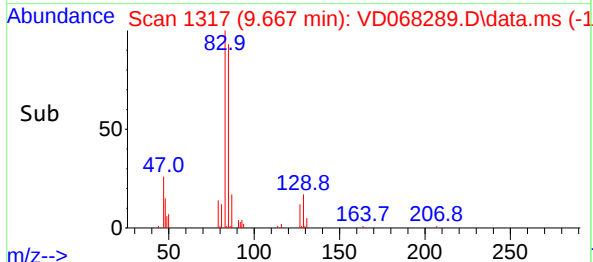
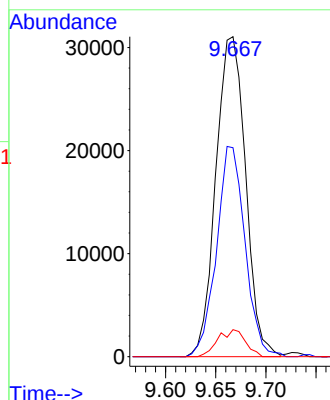
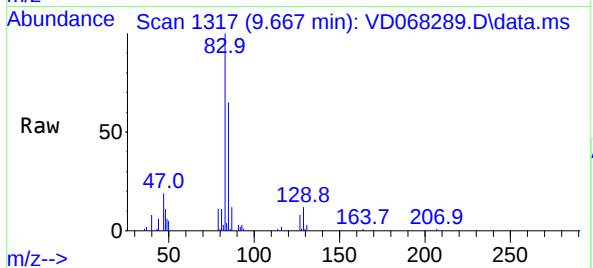
#47
Bromodichloromethane
Concen: 64.26 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 83 Resp: 63962
Ion Ratio Lower Upper
83 100
85 65.3 51.6 77.4
127 8.4 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

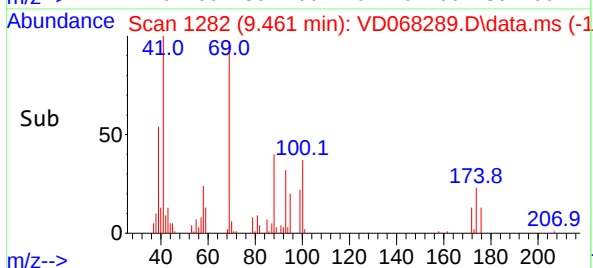
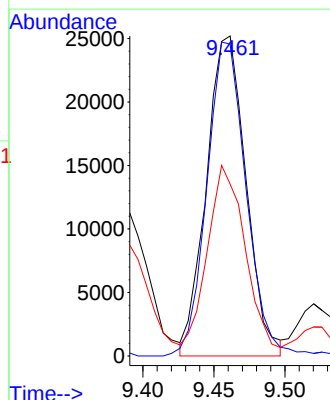
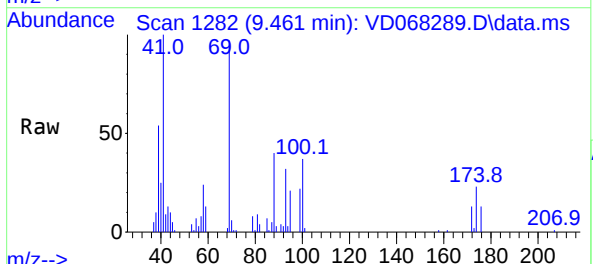
Manual Integrations
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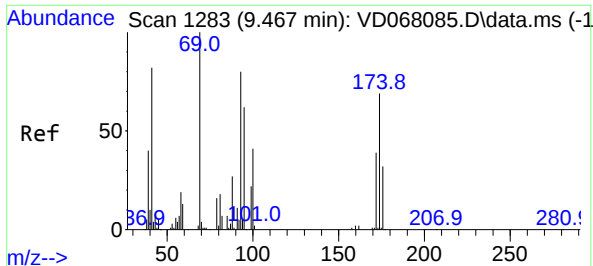
MMDadoda
2/5/2021 10:50:36 AM



#48
Methyl methacrylate
Concen: 125.25 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 41 Resp: 48860
Ion Ratio Lower Upper
41 100
69 97.9 77.1 115.7
39 58.1 41.5 62.3





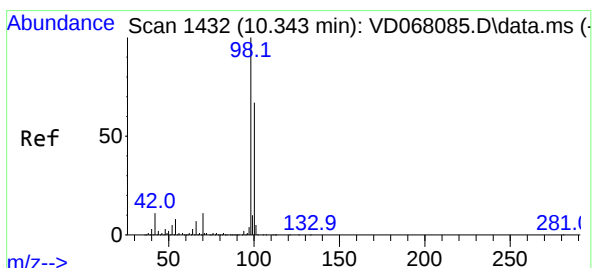
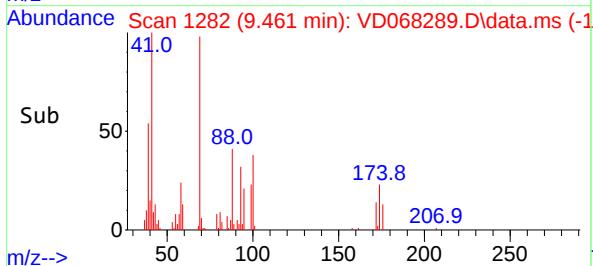
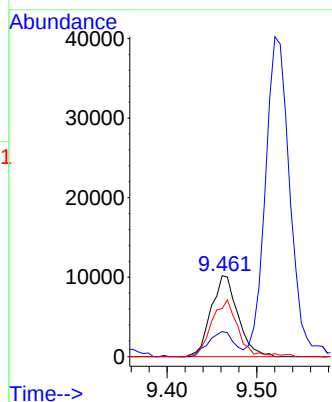
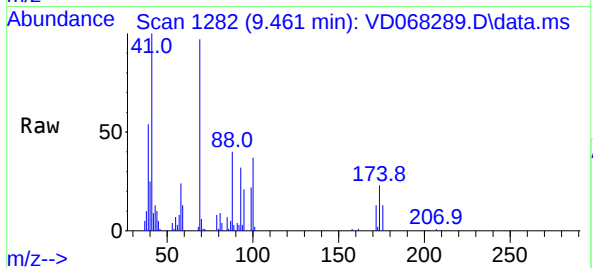
#49
1,4-Dioxane
Concen: 4894.08 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 88 Resp: 21156
Ion Ratio Lower Upper
88 100
43 29.7 22.1 33.1
58 67.8 46.7 70.1

Instrument :
MSVOA_D
ClientSampleID :
OU421-005-0510MSD

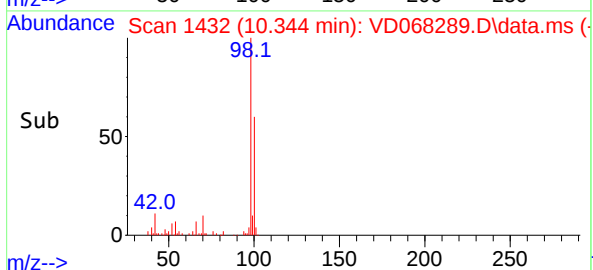
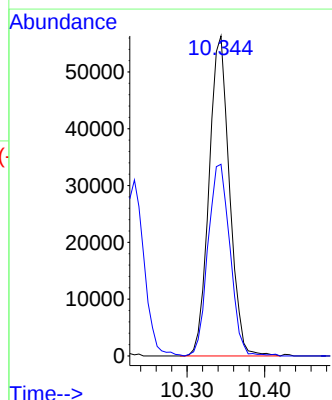
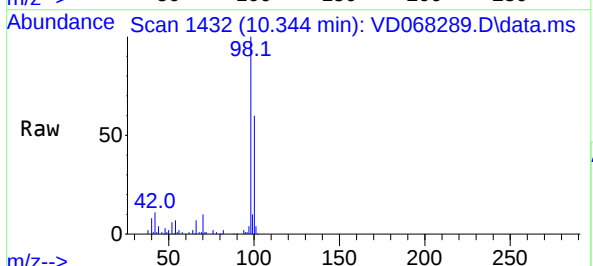
Manual Integrations
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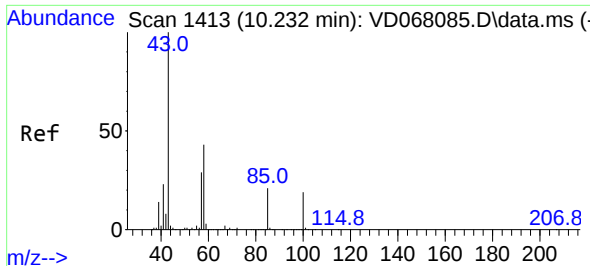
MMDadoda
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#50
Toluene-d8
Concen: 44.29 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 98 Resp: 103263
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4





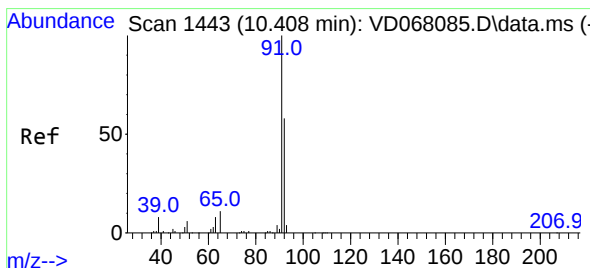
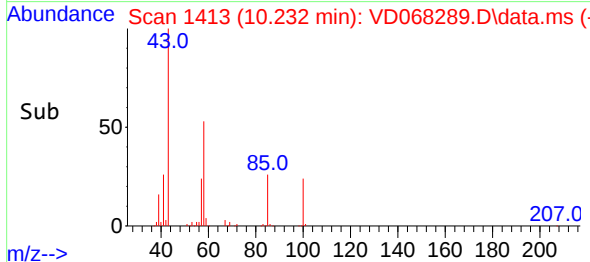
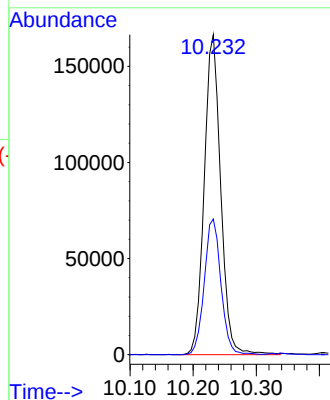
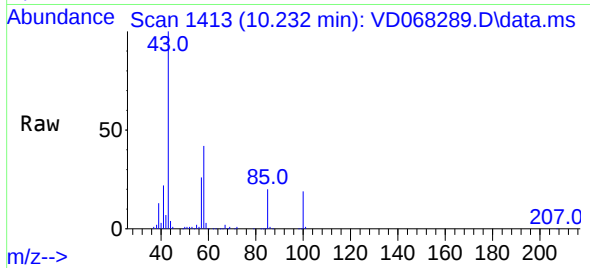
#51
4-Methyl-2-Pentanone
Concen: 829.33 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 43 Resp: 302156
Ion Ratio Lower Upper
43 100
58 42.9 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

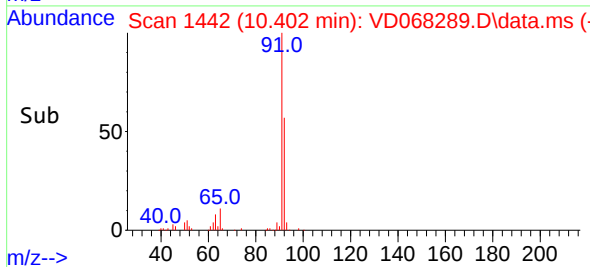
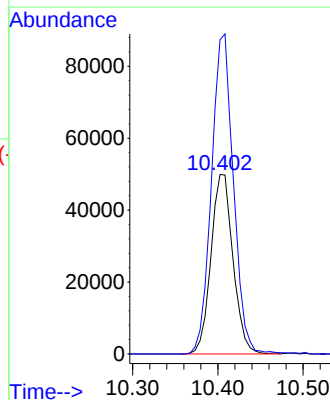
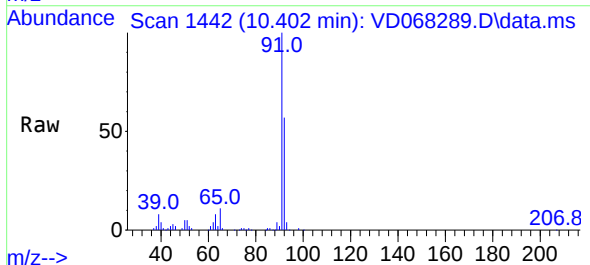
Manual Integrations
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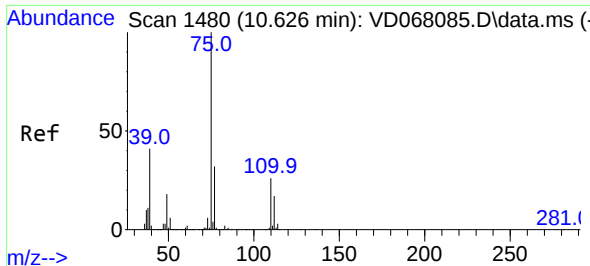
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#52
Toluene
Concen: 46.40 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 92 Resp: 89868
Ion Ratio Lower Upper
92 100
91 177.6 134.1 201.1





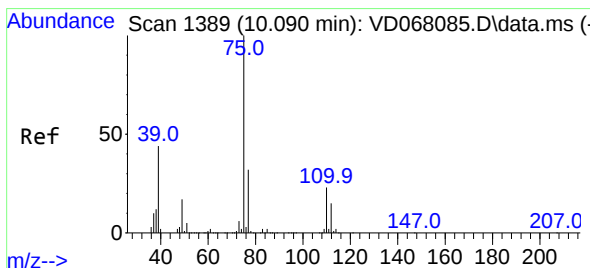
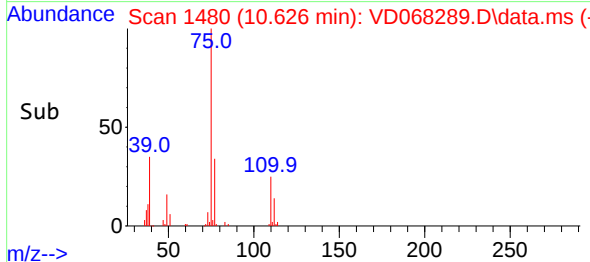
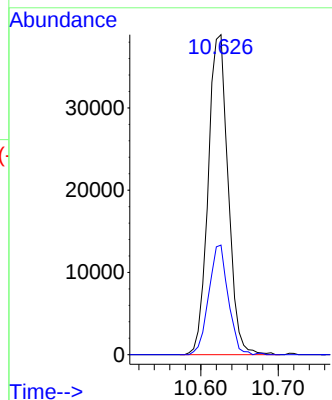
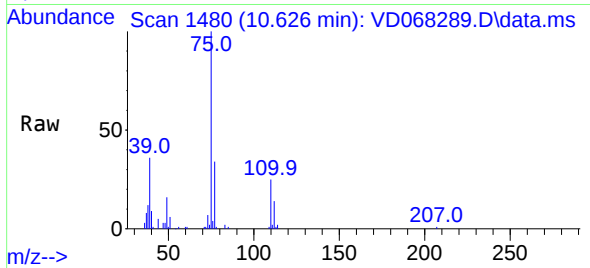
#53
t-1,3-Dichloropropene
Concen: 69.18 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 75 Resp: 69691
Ion Ratio Lower Upper
75 100
77 34.3 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
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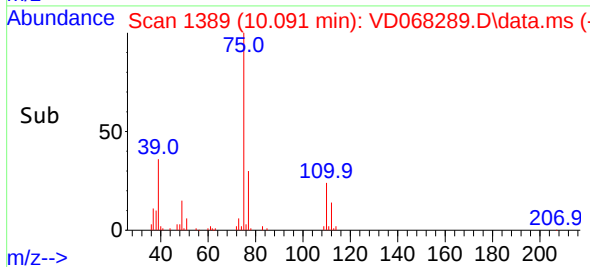
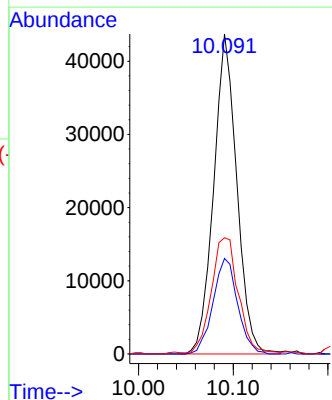
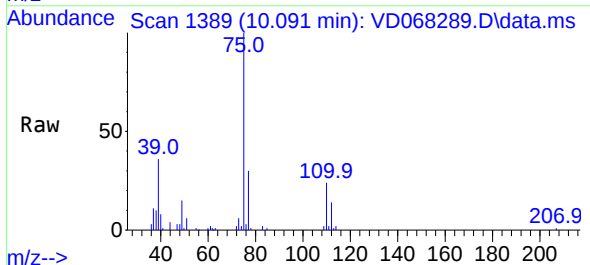
Manual Integrations
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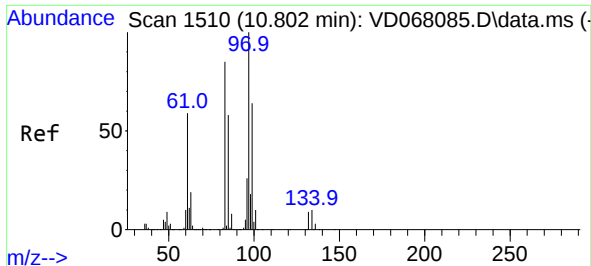
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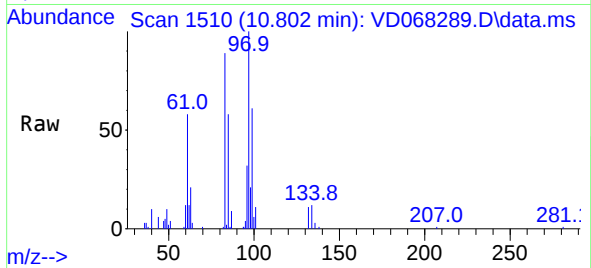
#54
cis-1,3-Dichloropropene
Concen: 61.84 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 75 Resp: 74166
Ion Ratio Lower Upper
75 100
77 29.9 24.6 37.0
39 35.9 31.4 47.0



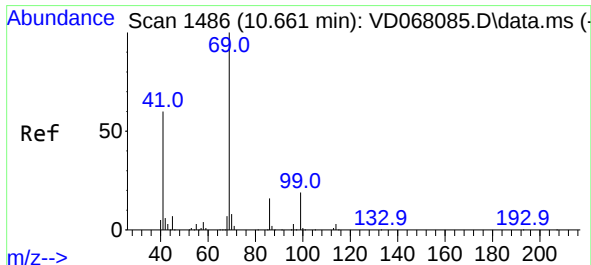
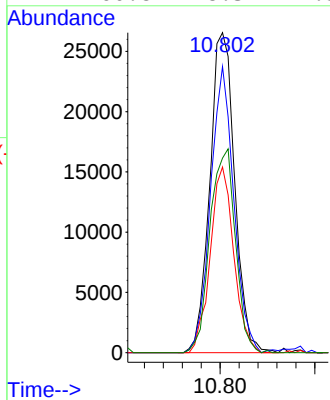
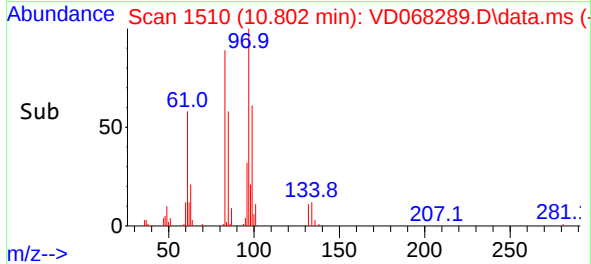


#55
1,1,2-Trichloroethane
Concen: 92.68 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

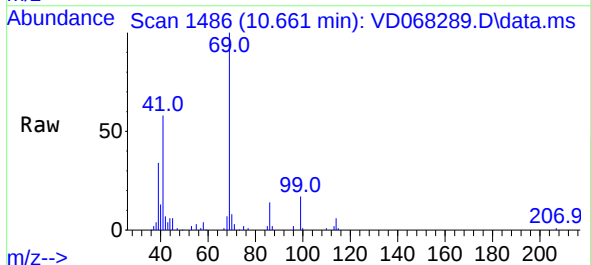


Tgt Ion: 97 Resp: 48449

Ion	Ratio	Lower	Upper
97	100		
83	89.4	61.8	92.6
85	58.0	42.2	63.2
99	60.8	48.3	72.5

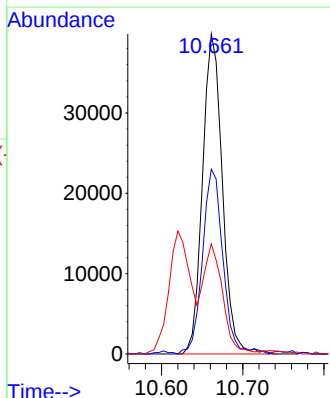
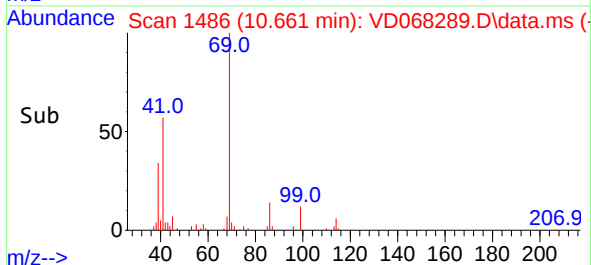


#56
Ethyl methacrylate
Concen: 97.04 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



Tgt Ion: 69 Resp: 67576

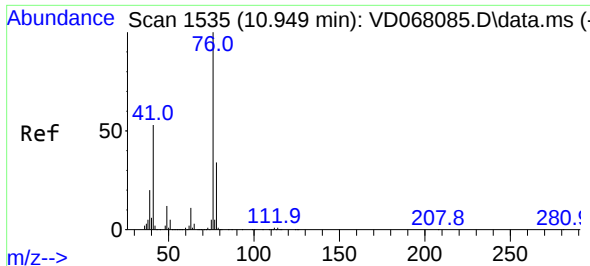
Ion	Ratio	Lower	Upper
69	100		
41	59.5	44.9	67.3
39	33.6	21.9	32.9#



Instrument :
MSVOA_D
ClientSampleId :
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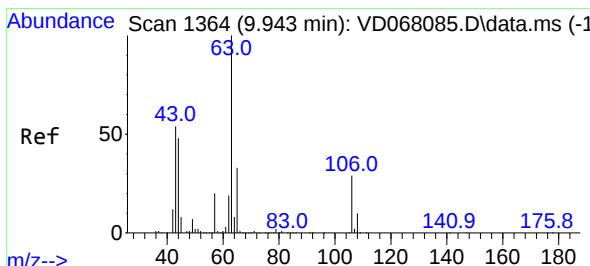
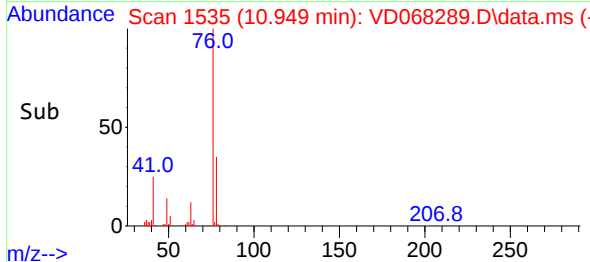
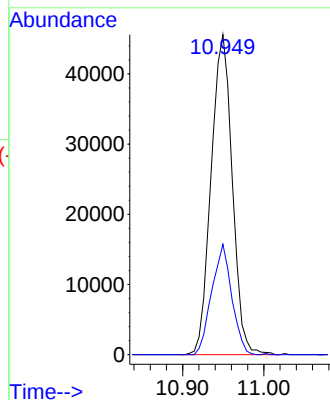
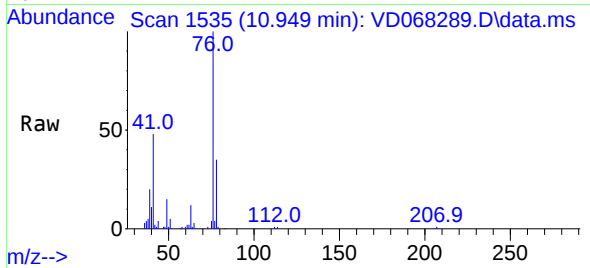
#57
1,3-Dichloropropane
Concen: 89.47 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 76 Resp: 82526
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

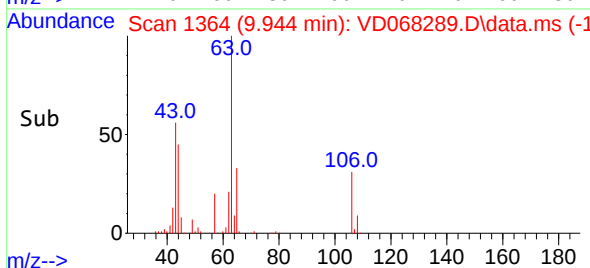
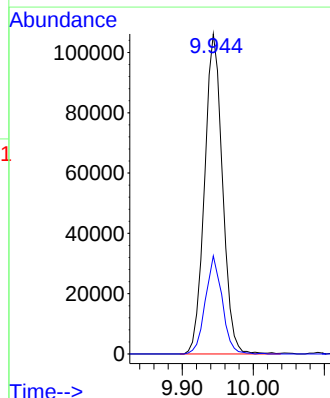
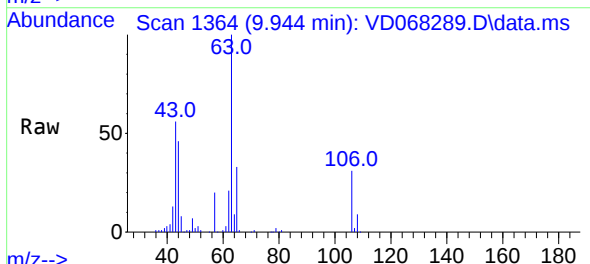
Manual Integrations
APPROVED

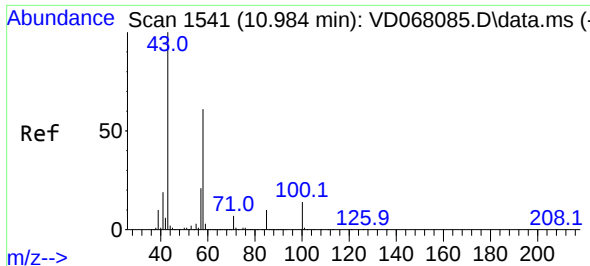
MMDadoda
2/5/2021 10:50:36 AM



#58
2-Chloroethyl Vinyl ether
Concen: 580.96 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

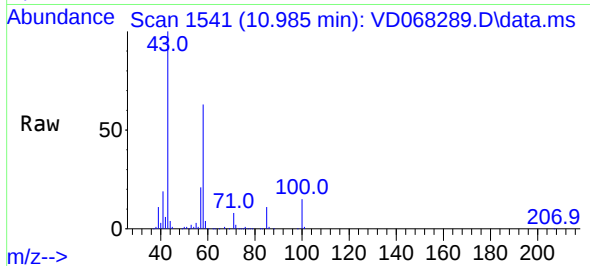
Tgt Ion: 63 Resp: 186693
Ion Ratio Lower Upper
63 100
106 28.7 27.0 40.4





#59
2-Hexanone
Concen: 856.10 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

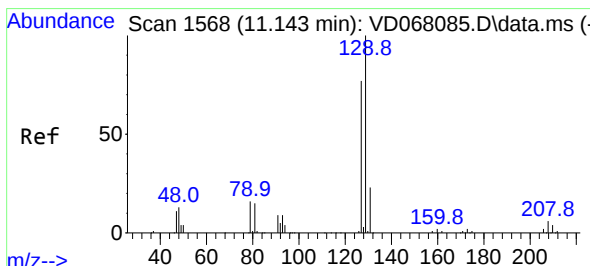
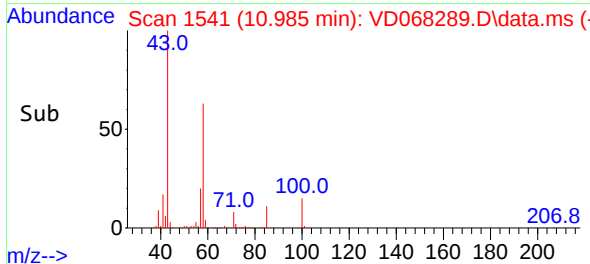
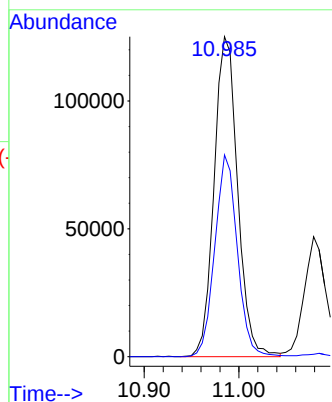
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



Tgt Ion: 43 Resp: 216207
Ion Ratio Lower Upper
43 100
58 60.3 31.0 93.0

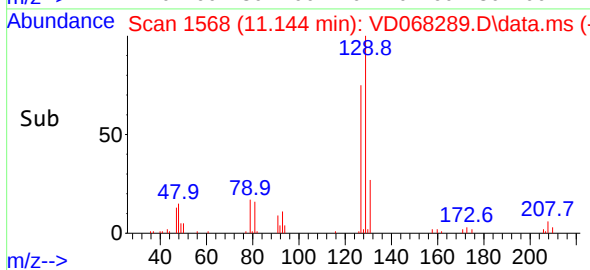
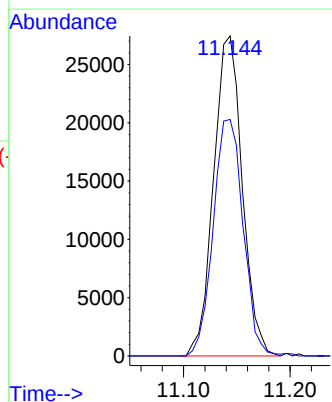
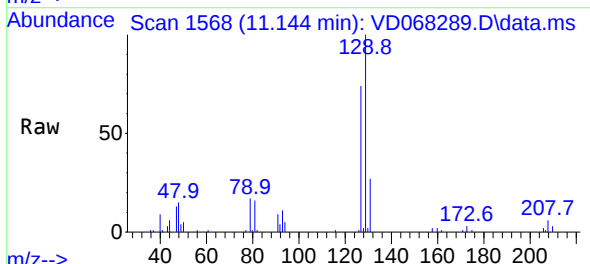
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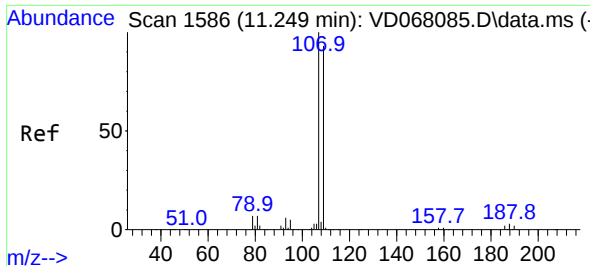
MMDadoda
2/5/2021 10:50:36 AM



#60
Dibromochloromethane
Concen: 78.35 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

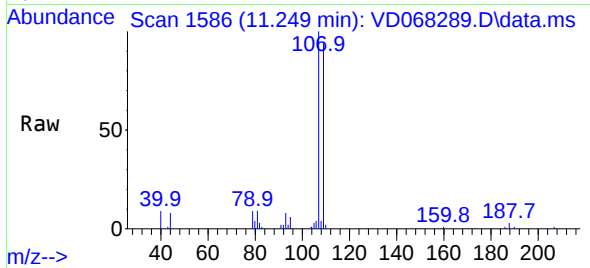
Tgt Ion: 129 Resp: 51357
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 95.41 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

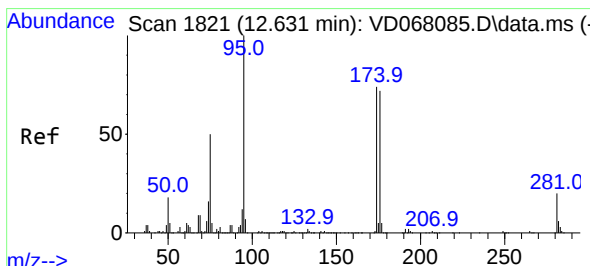
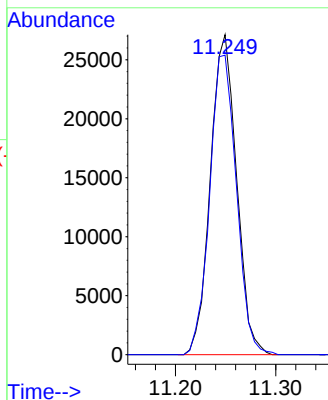
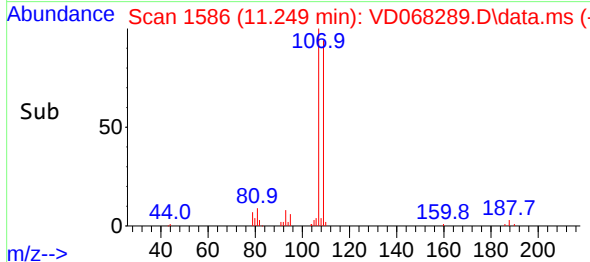
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



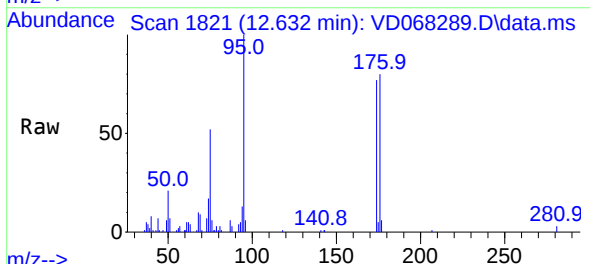
Tgt Ion:107 Resp: 49211
Ion Ratio Lower Upper
107 100
109 95.6 74.8 112.2

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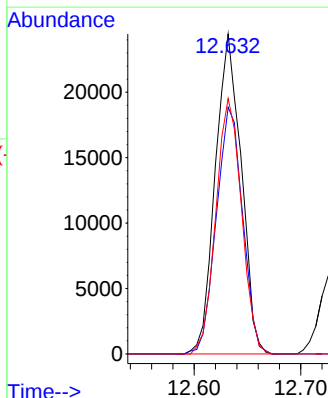
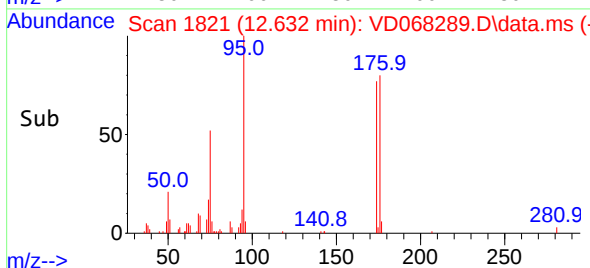
MMDadoda
2/5/2021 10:50:36 AM

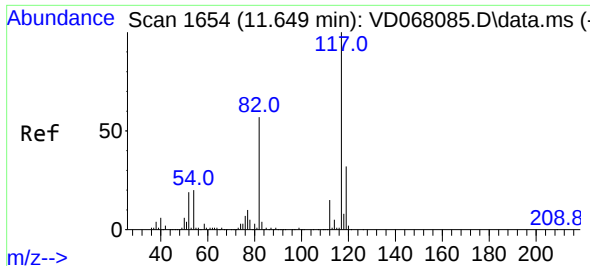


#62
4-Bromofluorobenzene
Concen: 49.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



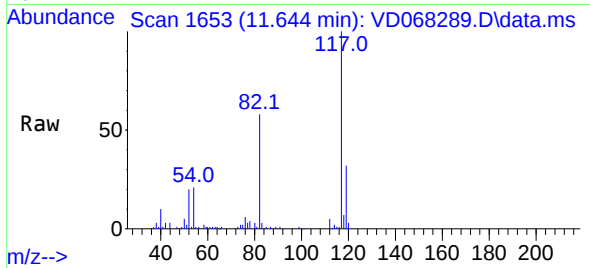
Tgt Ion: 95 Resp: 41248
Ion Ratio Lower Upper
95 100
174 78.1 0.0 172.4
176 79.0 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

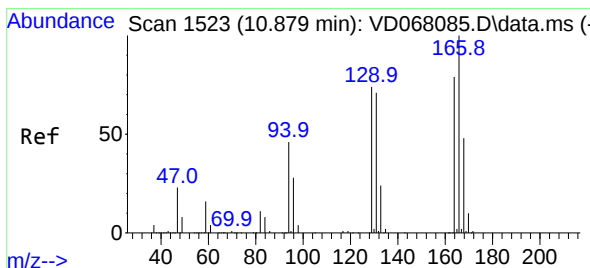
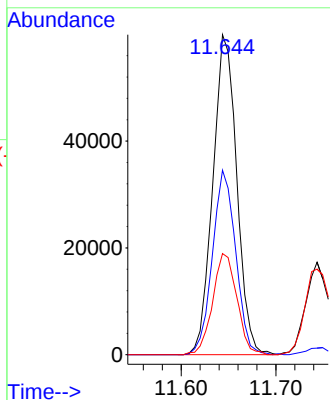
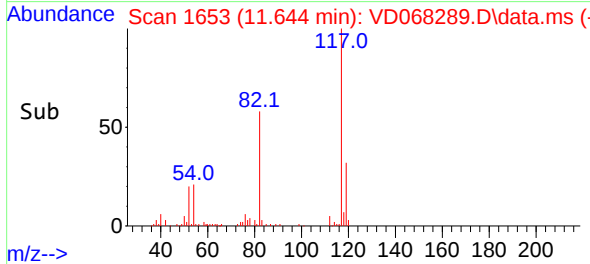
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



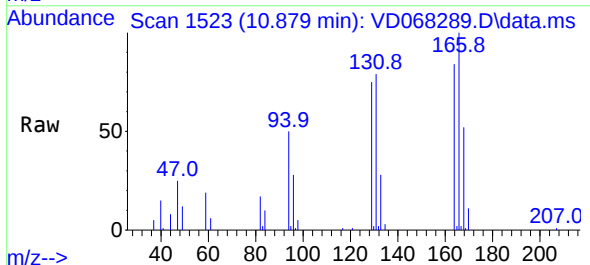
Tgt Ion:117 Resp: 105108
Ion Ratio Lower Upper
117 100
82 57.6 41.4 62.0
119 31.6 26.1 39.1

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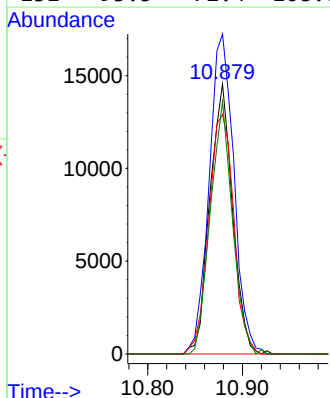
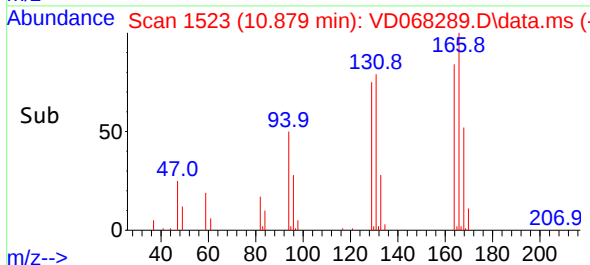
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2/5/2021 10:50:36 AM

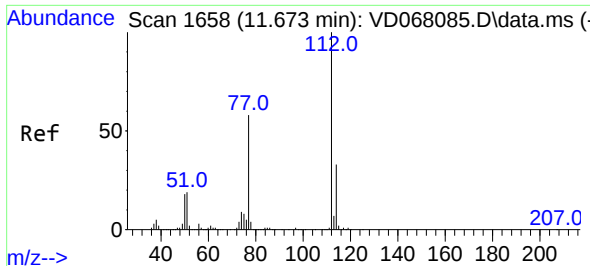


#64
Tetrachloroethene
Concen: 32.88 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



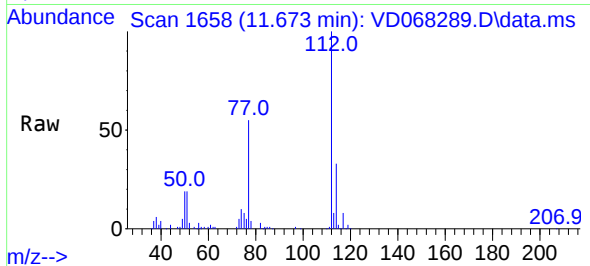
Tgt Ion:164 Resp: 24359
Ion Ratio Lower Upper
164 100
166 118.6 105.5 158.3
129 88.7 75.6 113.4
131 93.5 72.4 108.6





#65
Chlorobenzene
Concen: 46.76 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

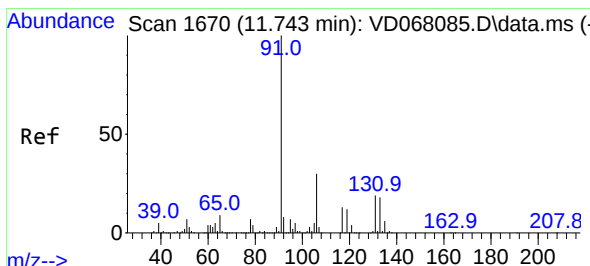
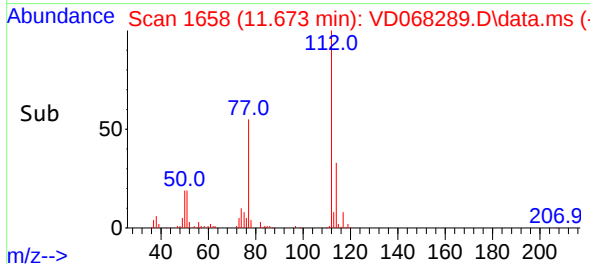
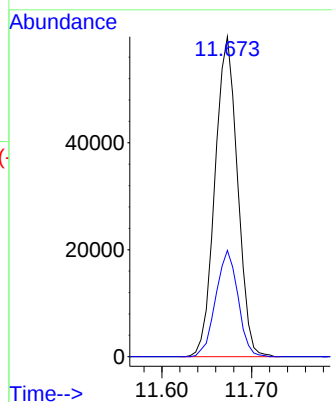
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



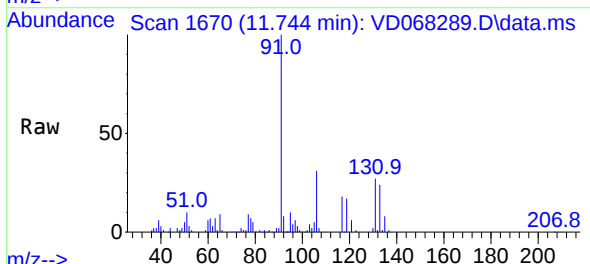
Tgt Ion:112 Resp: 104435
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5

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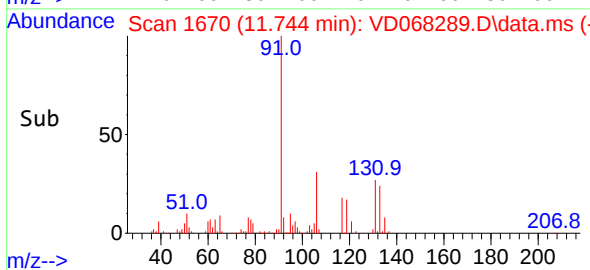
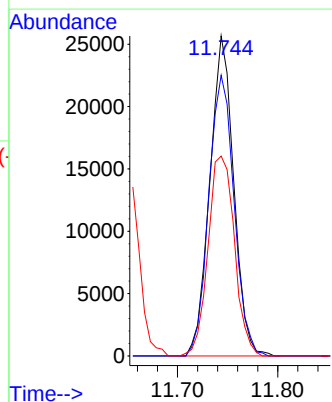
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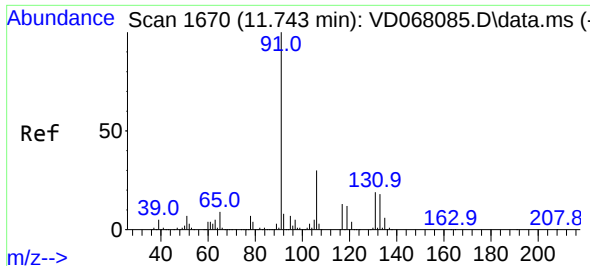


#66
1,1,1,2-Tetrachloroethane
Concen: 54.14 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



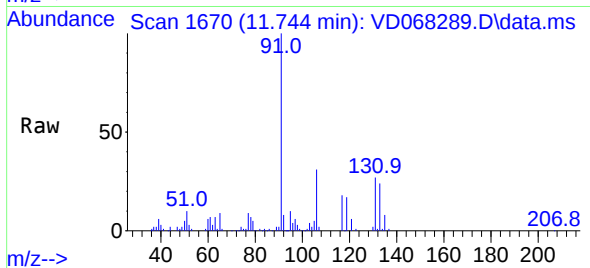
Tgt Ion:131 Resp: 42527
Ion Ratio Lower Upper
131 100
133 92.7 48.1 144.4
119 68.9 31.6 94.8





#67
Ethyl Benzene
Concen: 38.33 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

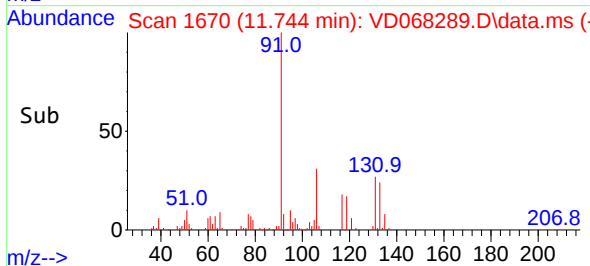
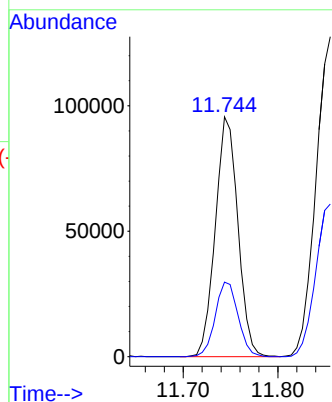
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



Tgt Ion: 91 Resp: 158505
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9

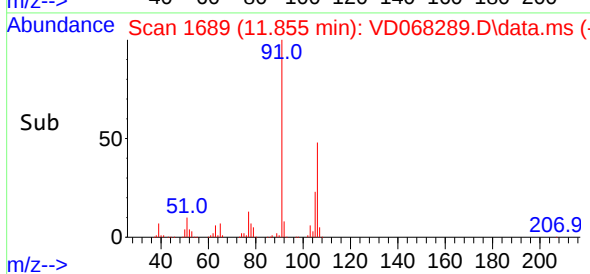
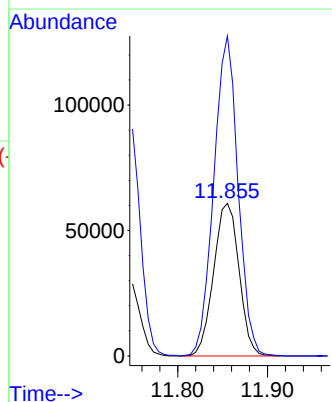
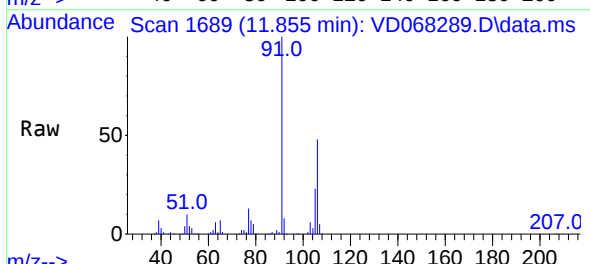
Manual Integrations
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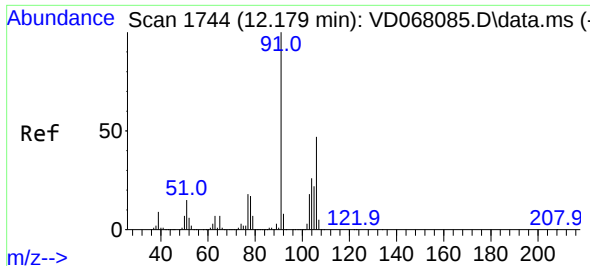
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#68
m/p-Xylenes
Concen: 76.51 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

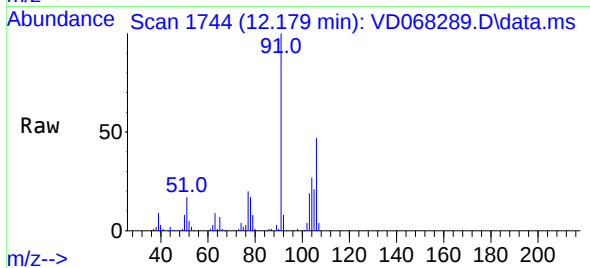
Tgt Ion: 106 Resp: 119443
Ion Ratio Lower Upper
106 100
91 200.6 159.1 238.7





#69
o-Xylene
Concen: 41.72 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

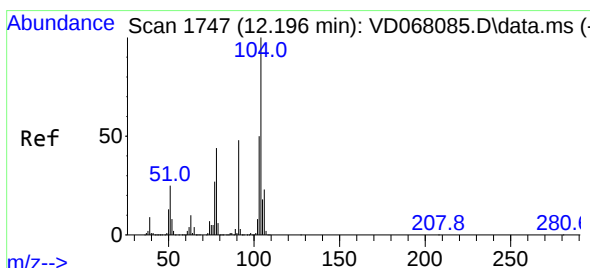
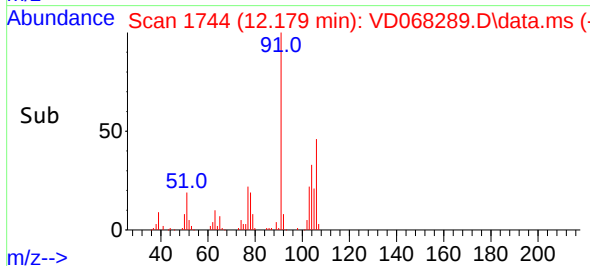
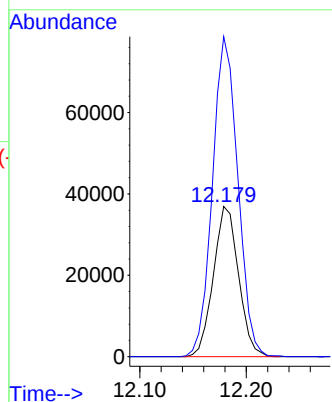
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



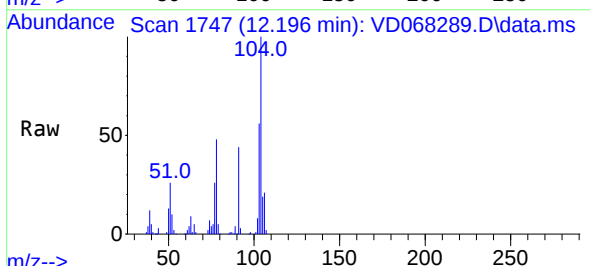
Tgt Ion:106 Resp: 60494
Ion Ratio Lower Upper
106 100
91 215.1 108.7 325.9

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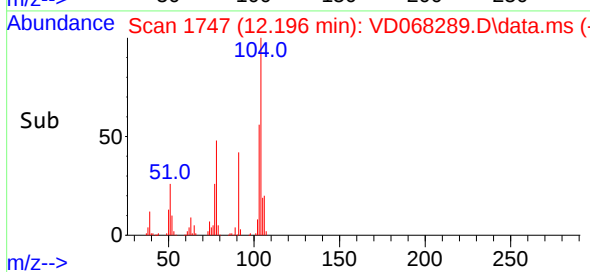
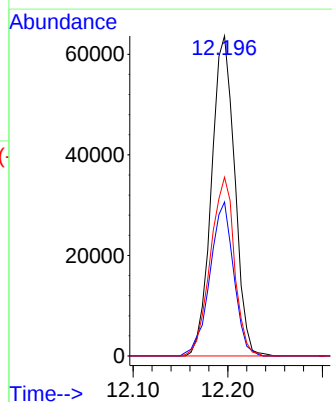
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#70
Styrene
Concen: 43.78 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



Tgt Ion:104 Resp: 108350
Ion Ratio Lower Upper
104 100
78 49.1 38.2 57.2
103 57.6 43.1 64.7





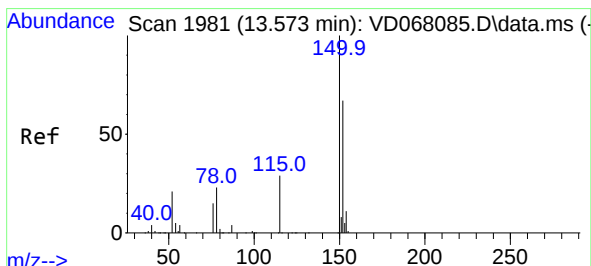
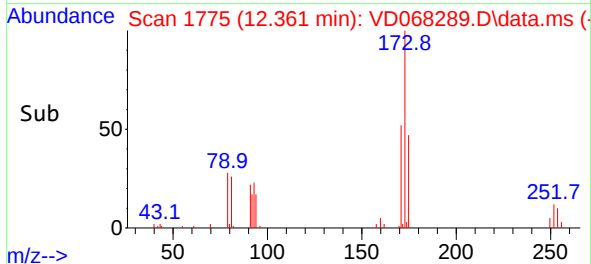
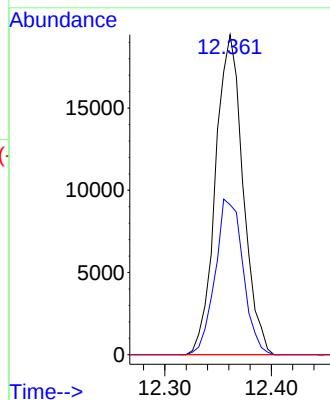
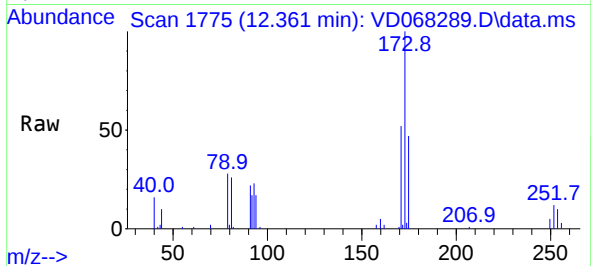
#71
Bromoform
Concen: 87.83 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:	173	Resp:	34973
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

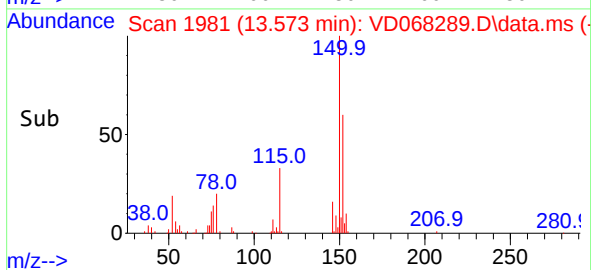
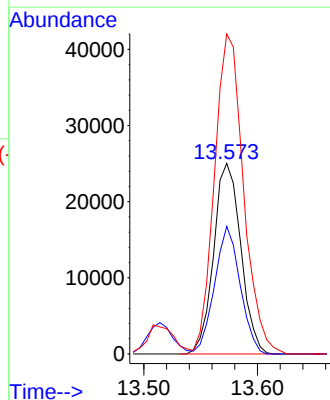
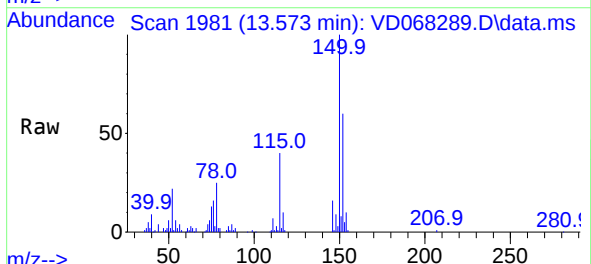
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

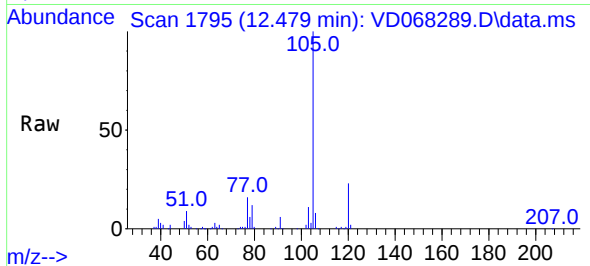
Tgt Ion:	152	Resp:	41542
Ion Ratio	Lower	Upper	
152	100		
115	62.9	28.9	86.8
150	179.5	0.0	344.4





#73
Isopropylbenzene
Concen: 37.37 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

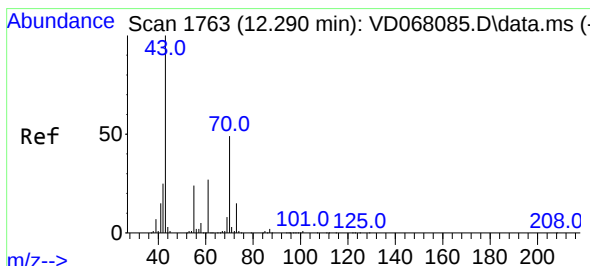
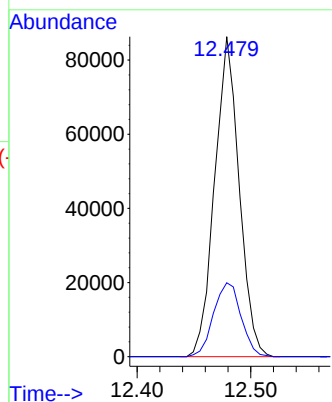
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



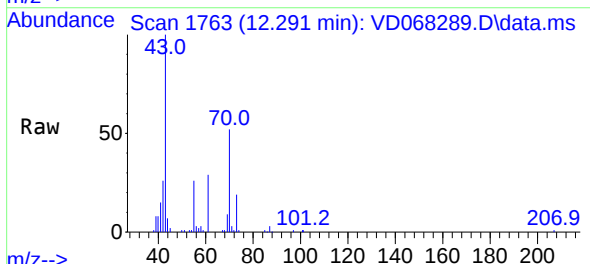
Tgt Ion:105 Resp: 129179
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

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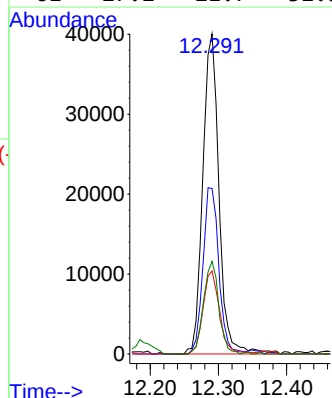
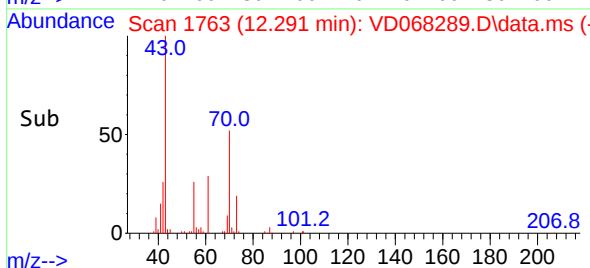
MMDadoda
2/5/2021 10:50:36 AM



#74
N-ethyl acetate
Concen: 92.26 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



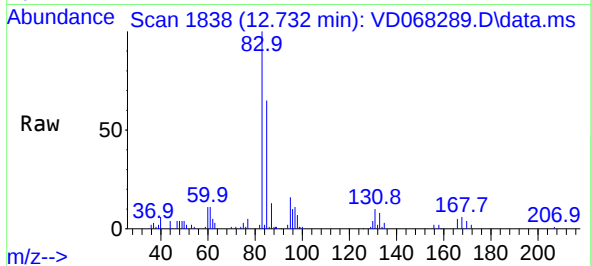
Tgt Ion: 43 Resp: 66290
Ion Ratio Lower Upper
43 100
70 50.8 41.8 62.8
55 26.2 24.2 36.4
61 27.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 124.99 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

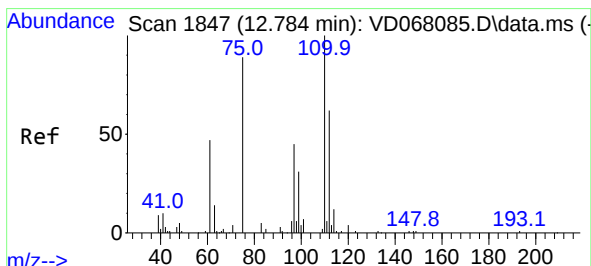
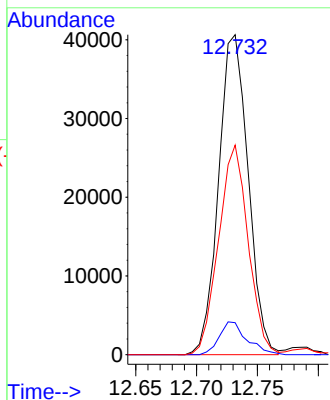
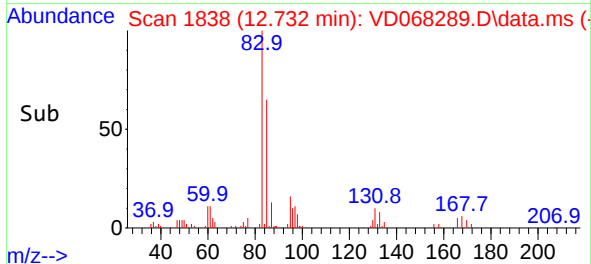
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD



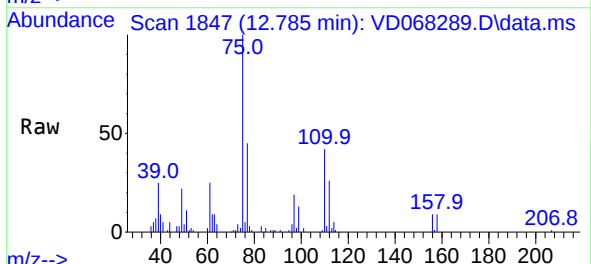
Tgt Ion: 83 Resp: 68719
Ion Ratio Lower Upper
83 100
131 9.6 5.8 17.4
85 65.3 32.4 97.2

Manual Integrations
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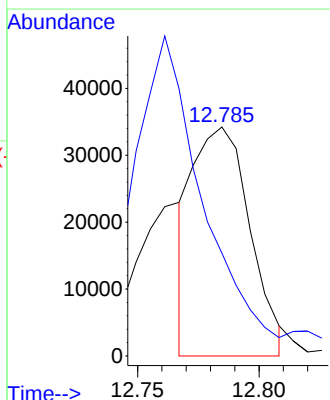
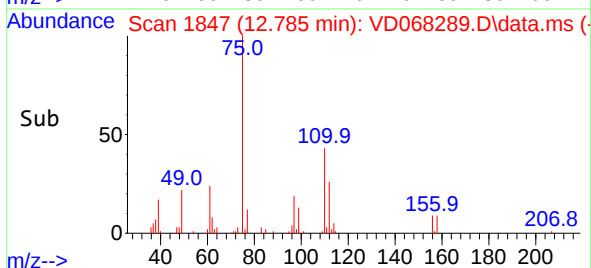
MMDadoda
2/5/2021 10:50:36 AM

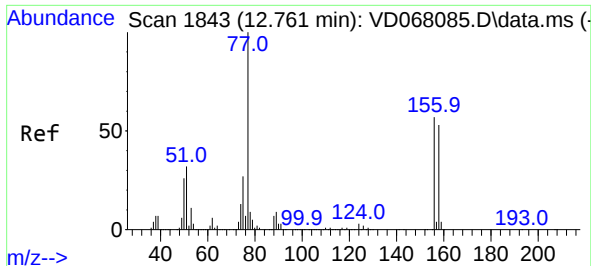


#76
1,2,3-Trichloropropane
Concen: 139.48 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



Tgt Ion: 75 Resp: 56023
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





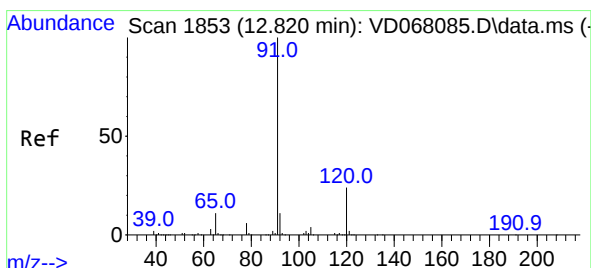
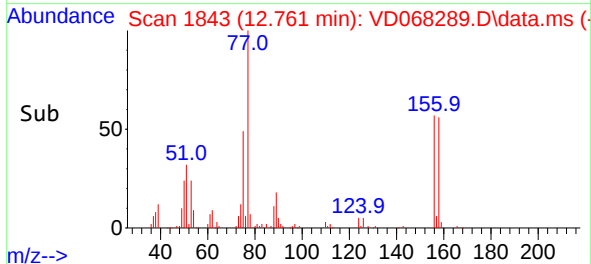
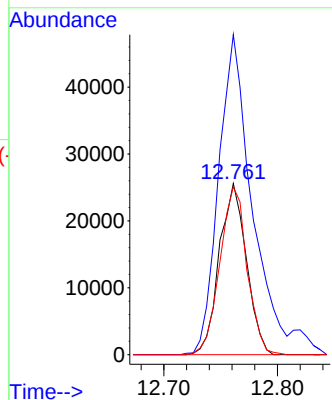
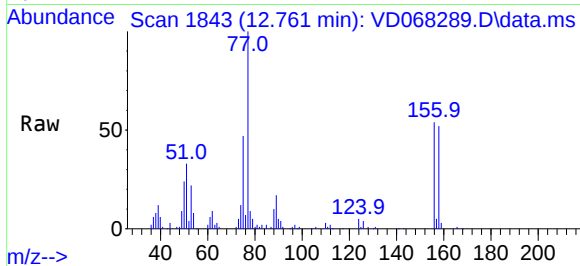
#77
Bromobenzene
Concen: 57.14 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 156 Resp: 42349
Ion Ratio Lower Upper
156 100
77 226.8 82.8 248.3
158 98.7 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

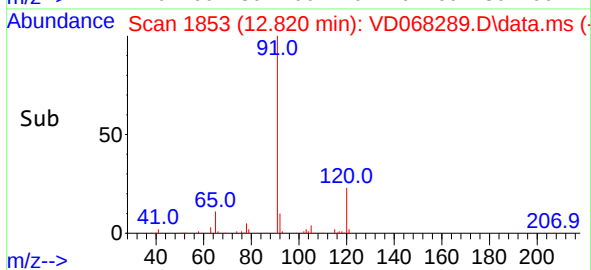
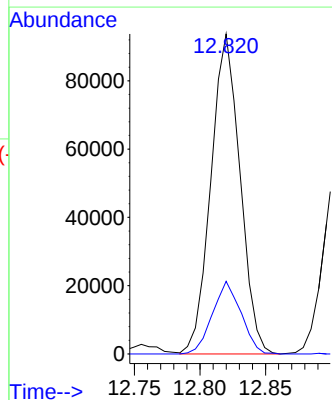
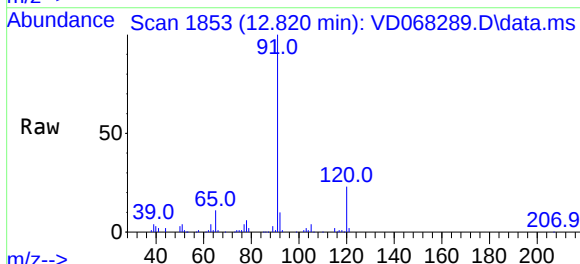
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#78
n-propylbenzene
Concen: 35.39 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 91 Resp: 144725
Ion Ratio Lower Upper
91 100
120 22.2 12.0 36.0





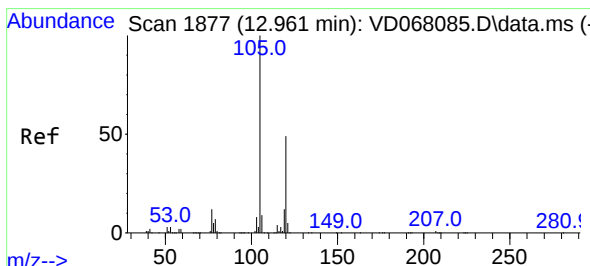
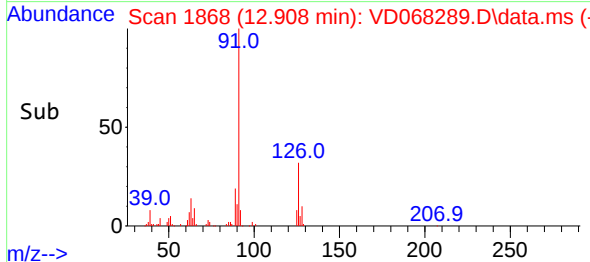
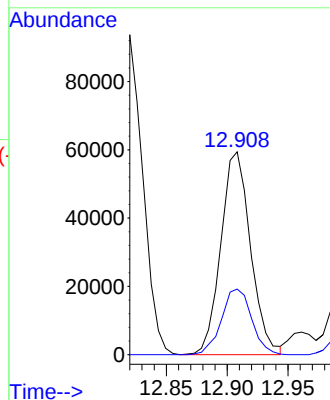
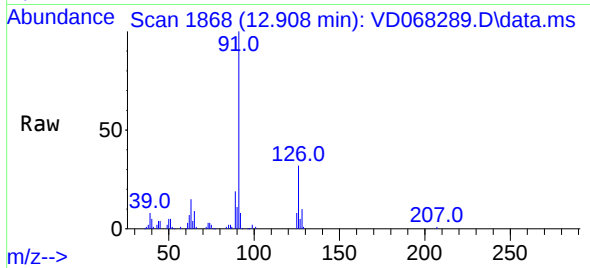
#79
2-Chlorotoluene
Concen: 44.06 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 91 Resp: 101171
Ion Ratio Lower Upper
91 100
126 32.9 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

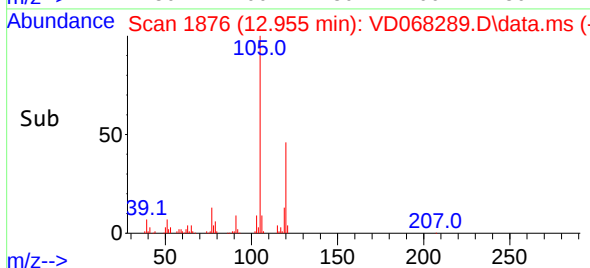
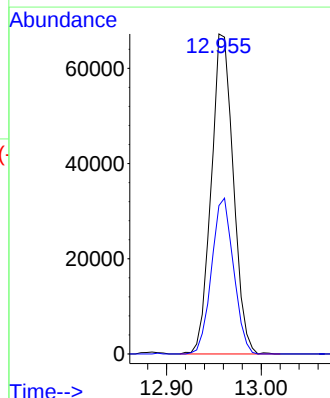
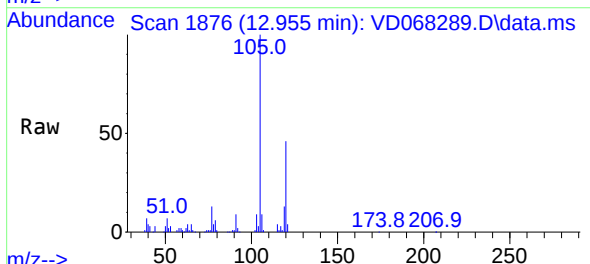
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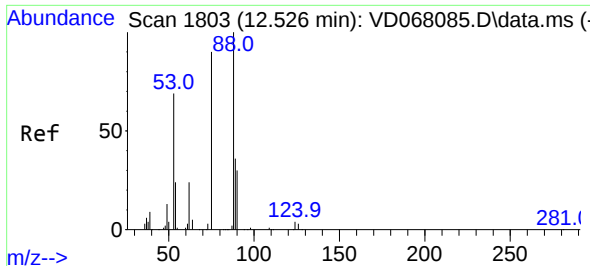
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#80
1,3,5-Trimethylbenzene
Concen: 37.81 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

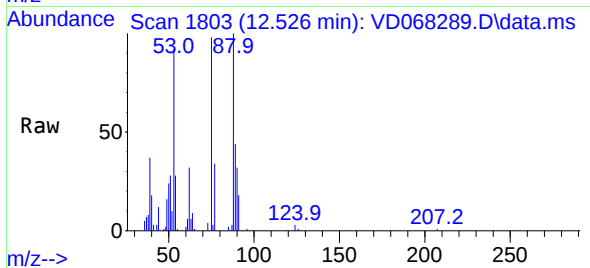
Tgt Ion: 105 Resp: 108859
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 110.63 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

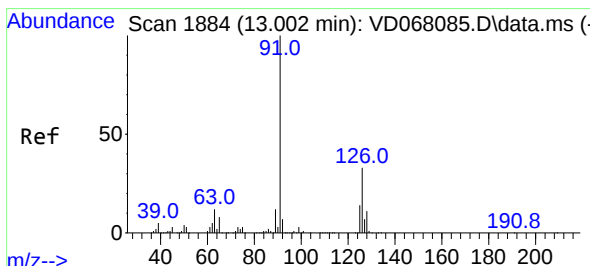
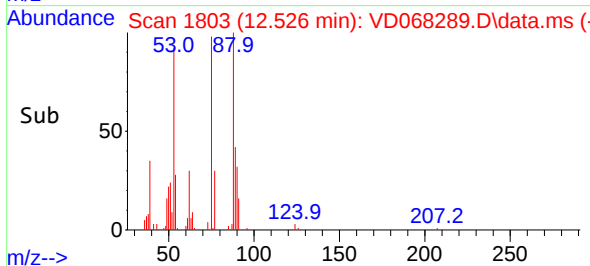
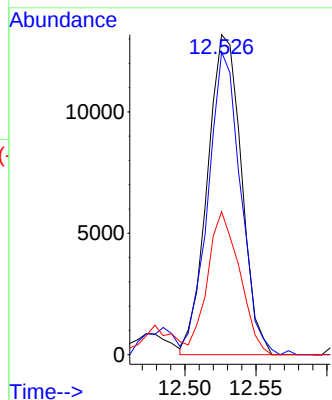
Instrument :
MSVOA_D
ClientSampleId :
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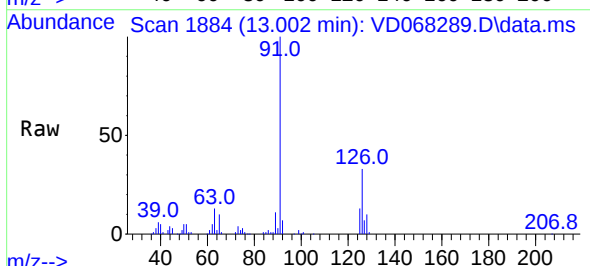
Tgt Ion: 75 Resp: 21960
Ion Ratio Lower Upper
75 100
53 90.8 70.2 105.2
89 42.1 40.3 60.5

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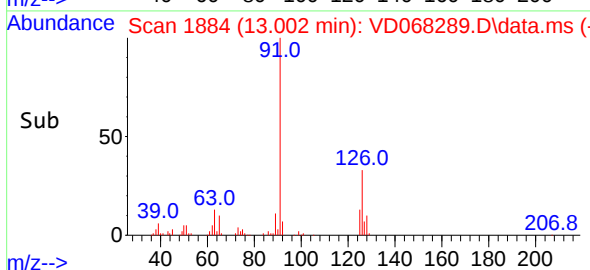
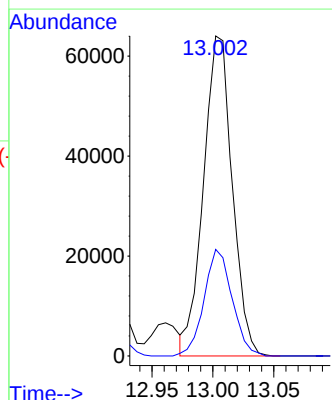
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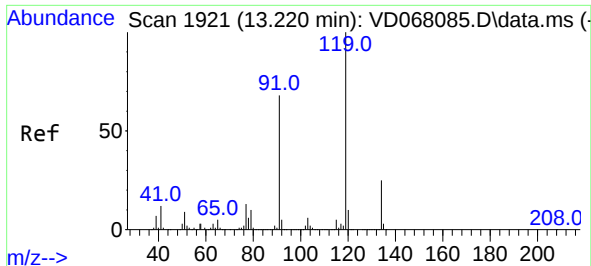


#82
4-Chlorotoluene
Concen: 44.12 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



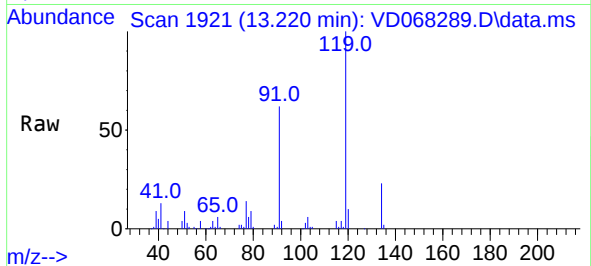
Tgt Ion: 91 Resp: 105349
Ion Ratio Lower Upper
91 100
126 32.5 17.7 53.1





#83
tert-Butylbenzene
Concen: 31.81 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

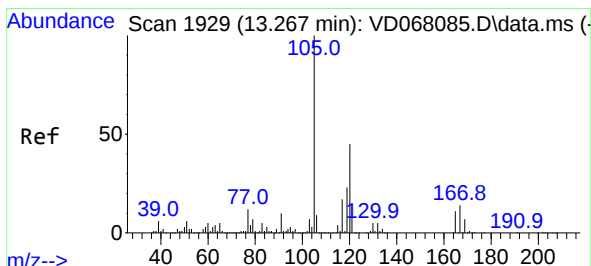
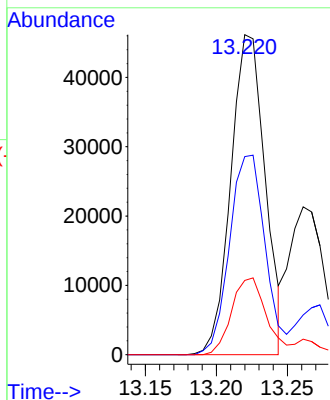
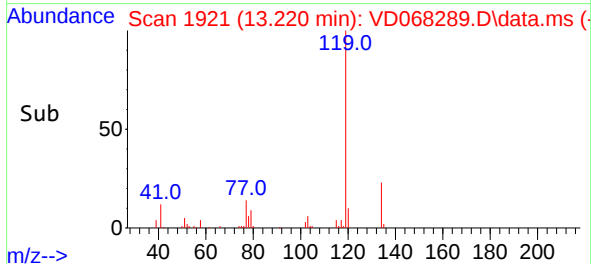
Instrument :
MSVOA_D
ClientSampleId :
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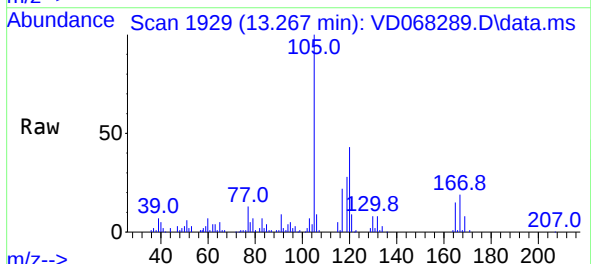
Tgt Ion:119 Resp: 77588
Ion Ratio Lower Upper
119 100
91 64.9 31.1 93.5
134 24.1 13.3 39.8

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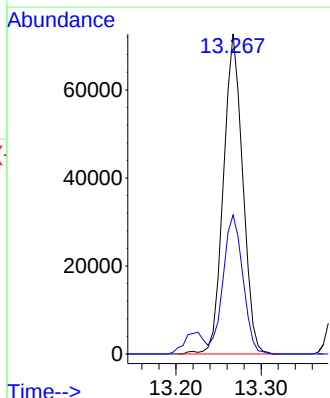
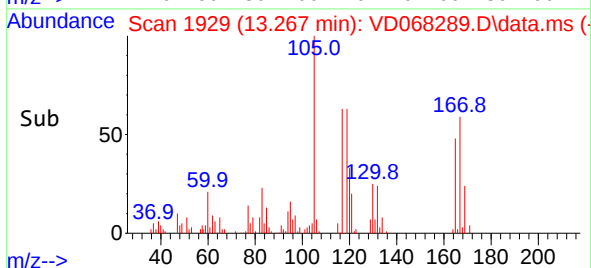
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#84
1,2,4-Trimethylbenzene
Concen: 40.00 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



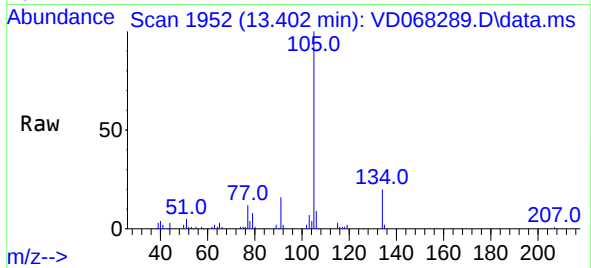
Tgt Ion:105 Resp: 114309
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 26.52 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068289.D
 Acq: 04 Feb 2021 20:56

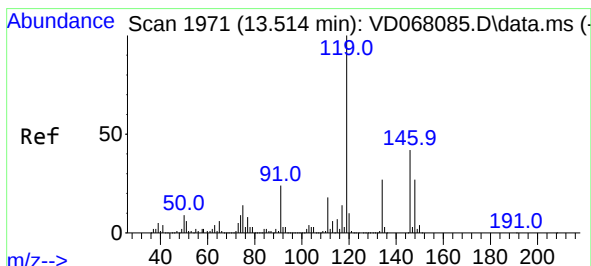
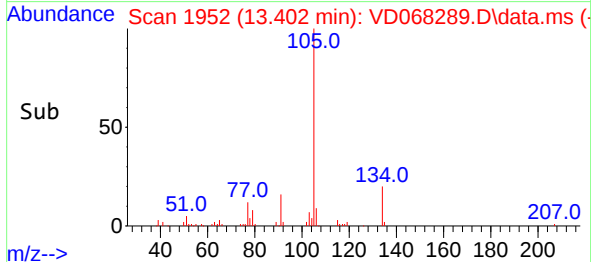
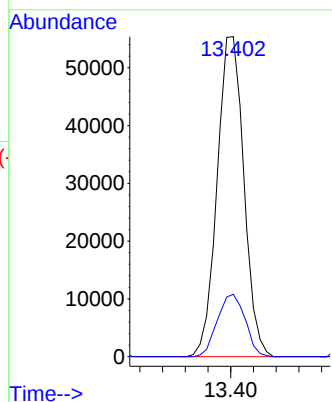
Instrument :
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 ClientSampleId :
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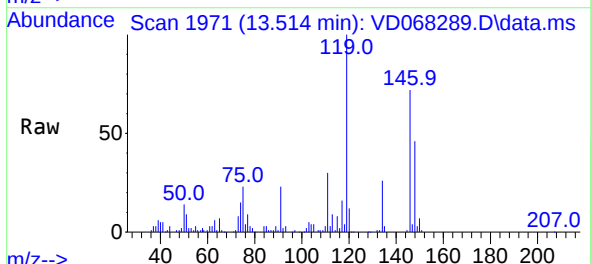
Tgt Ion:105 Resp: 90505
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9

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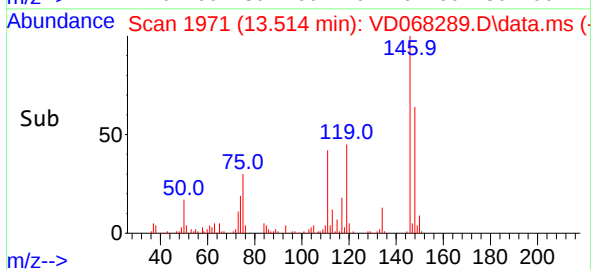
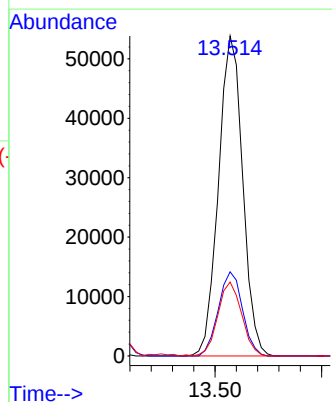
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#86
 p-Isopropyltoluene
 Concen: 27.32 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068289.D
 Acq: 04 Feb 2021 20:56

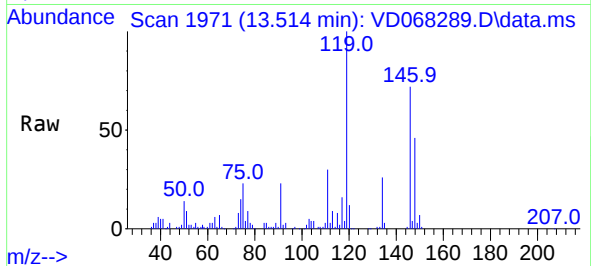


Tgt Ion:119 Resp: 84796
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 22.7 11.7 35.0

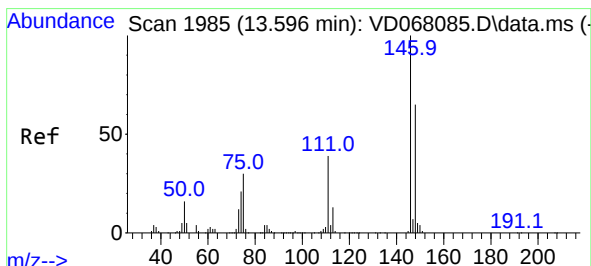
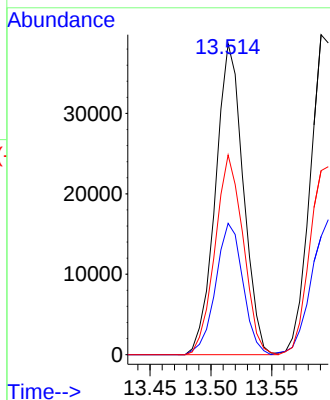
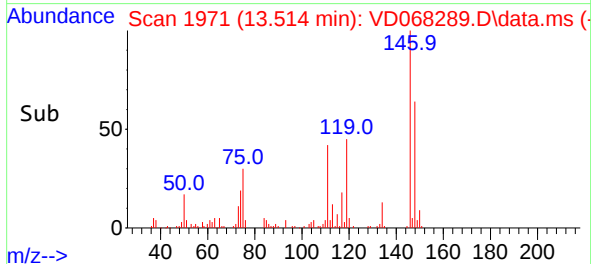




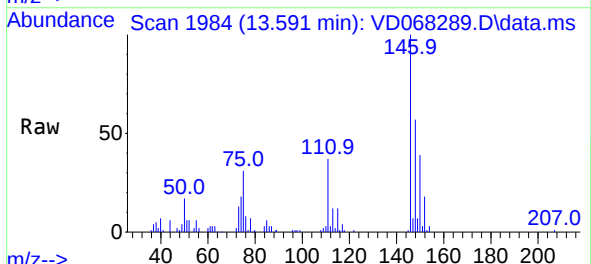
#87
1,3-Dichlorobenzene
Concen: 43.13 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



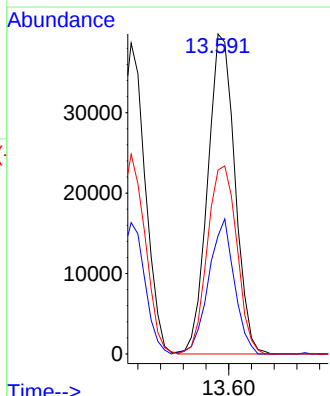
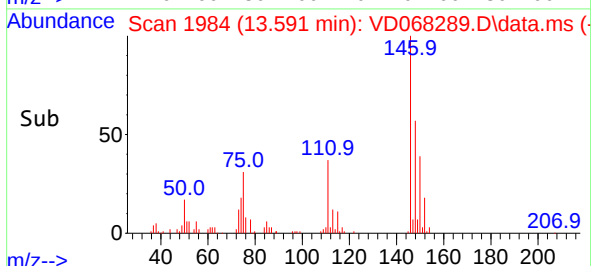
Tgt Ion:146 Resp: 61463
Ion Ratio Lower Upper
146 100
111 41.5 19.5 58.5
148 65.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.17 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



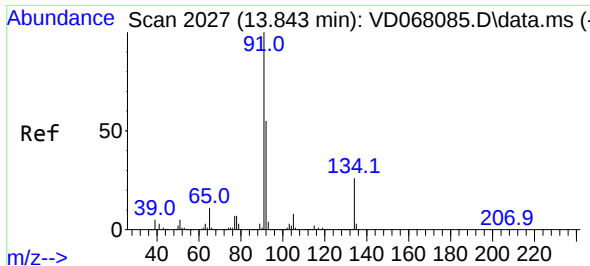
Tgt Ion:146 Resp: 66218
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 63.6 31.9 95.7



Instrument :
MSVOA_D
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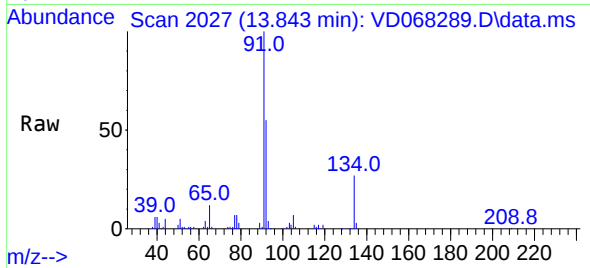
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#89
n-Butylbenzene
Concen: 21.59 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

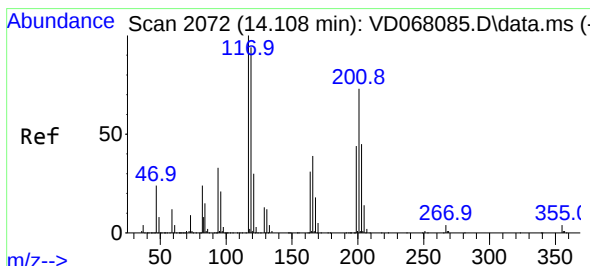
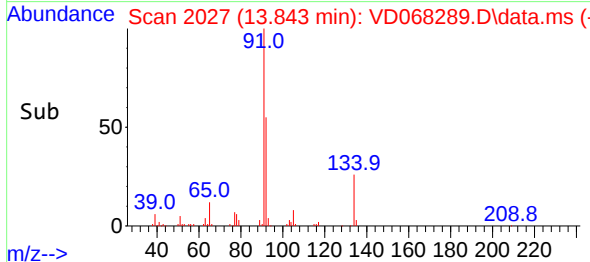
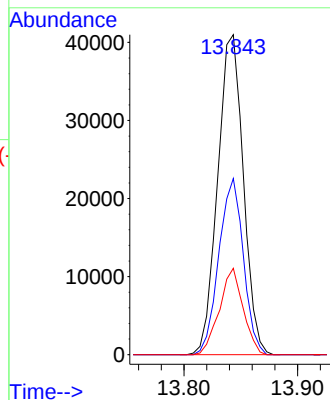
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 91 Resp: 64320
Ion Ratio Lower Upper
91 100
92 52.6 27.2 81.6
134 25.0 13.9 41.7

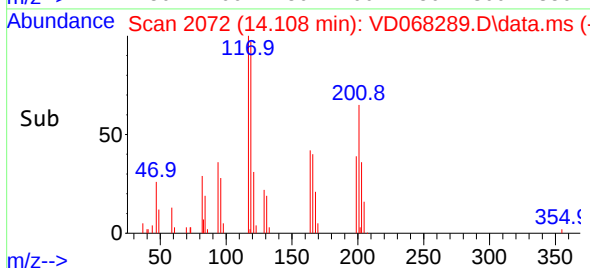
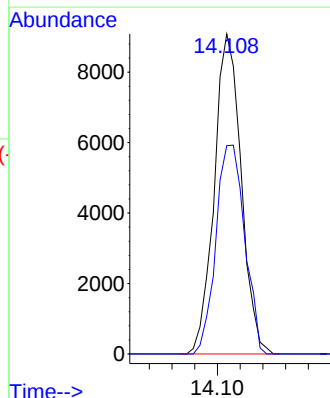
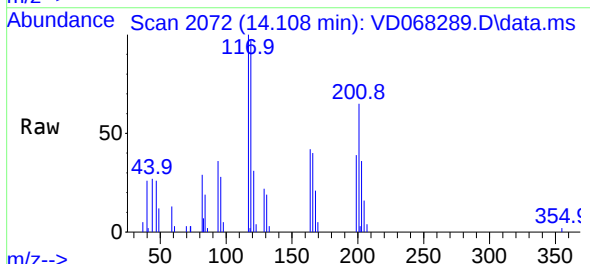
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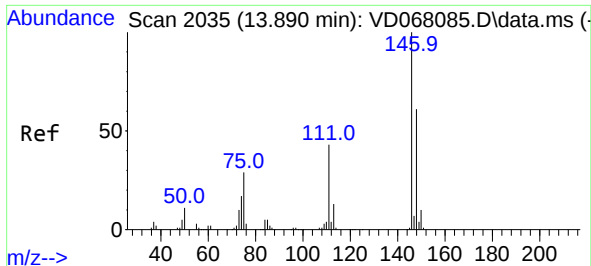
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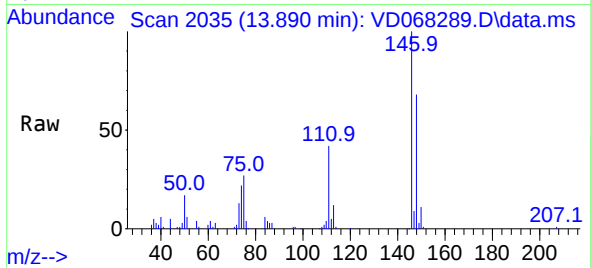
#90
Hexachloroethane
Concen: 26.62 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion: 117 Resp: 14924
Ion Ratio Lower Upper
117 100
201 69.9 39.5 118.5

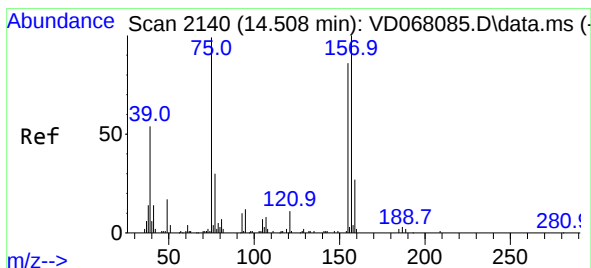
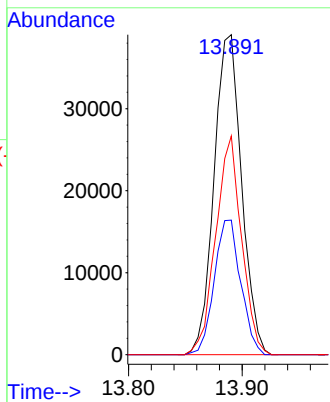
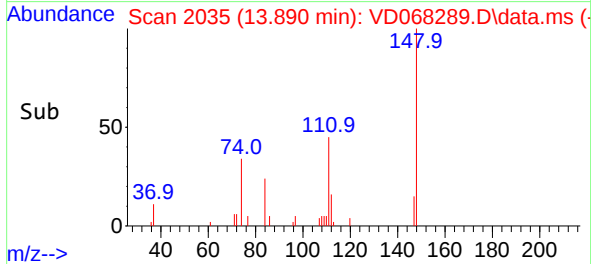




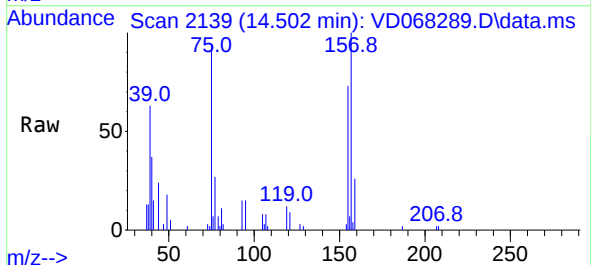
#91
1,2-Dichlorobenzene
Concen: 53.94 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



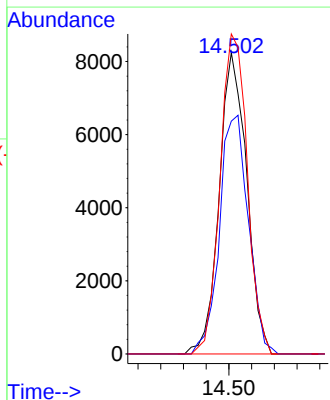
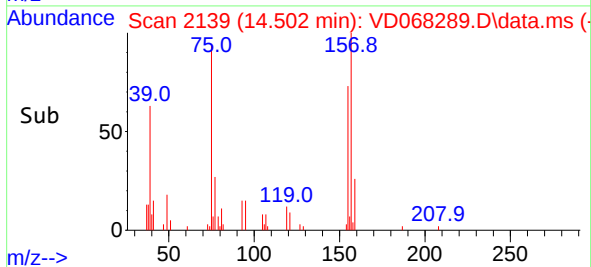
Tgt Ion: 146 Resp: 65836
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 153.74 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



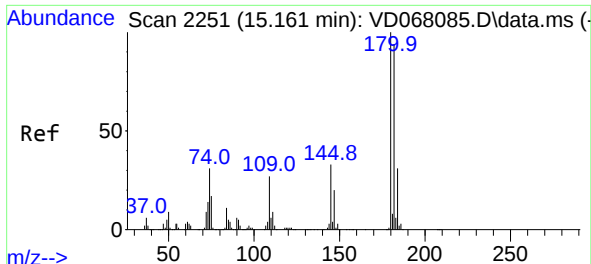
Tgt Ion: 75 Resp: 13834
Ion Ratio Lower Upper
75 100
155 83.6 48.0 144.2
157 105.4 65.0 194.8



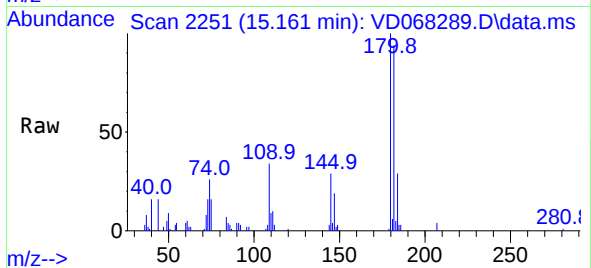
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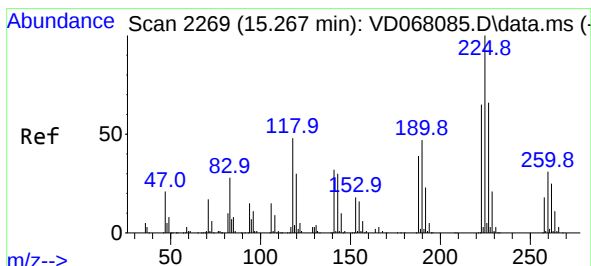
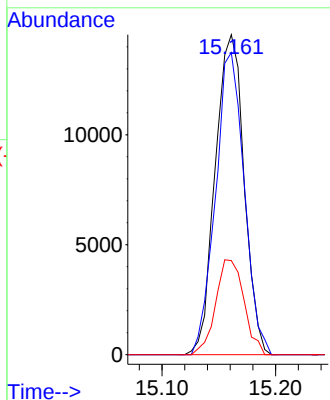
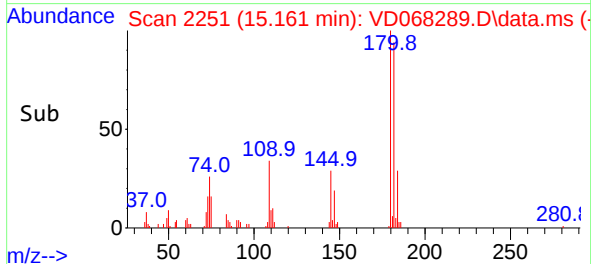
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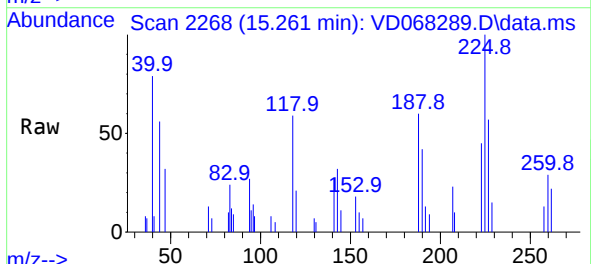
#93
1,2,4-Trichlorobenzene
Concen: 30.67 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



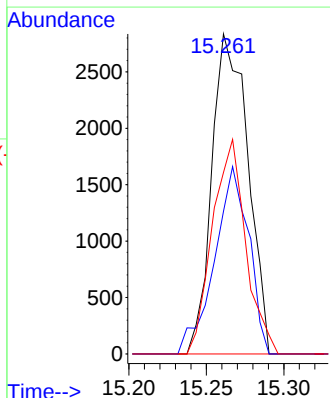
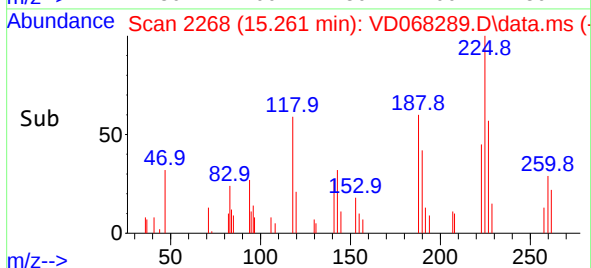
Tgt Ion:180 Resp: 25665
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.4
145 29.1 15.2 45.5



#94
Hexachlorobutadiene
Concen: 9.90 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56



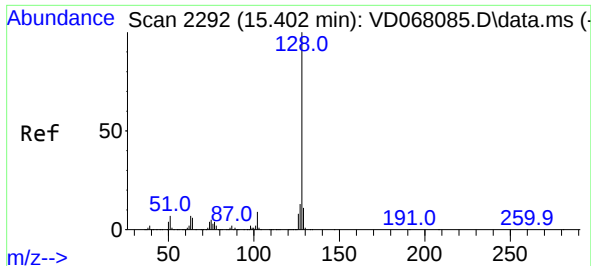
Tgt Ion:225 Resp: 4591
Ion Ratio Lower Upper
225 100
223 55.5 31.9 95.5
227 61.9 32.1 96.5



Instrument :
MSVOA_D
ClientSampleId :
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2/5/2021 10:50:36 AM



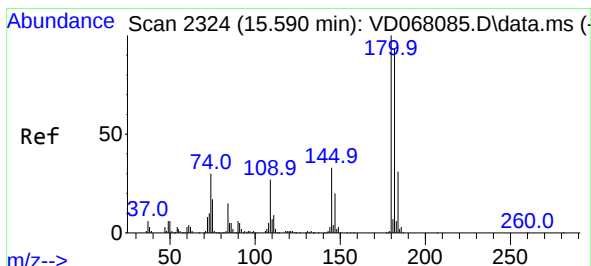
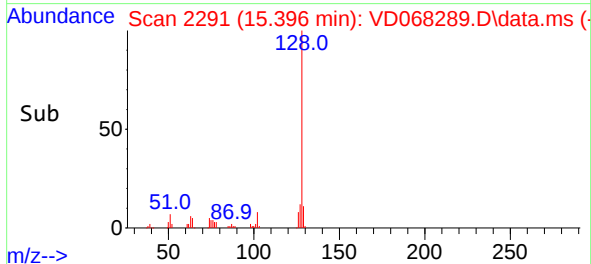
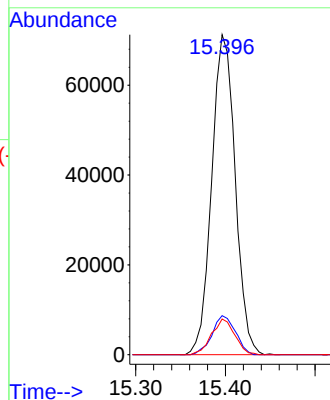
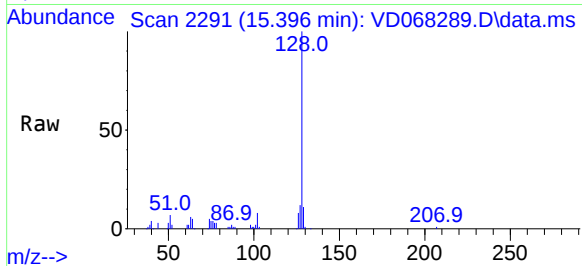
#95
Naphthalene
Concen: 82.55 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:	128	Resp:	129503
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0510MSD

Manual Integrations
APPROVED

MMDadoda
2/5/2021 10:50:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 34.80 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.006 min
Lab File: VD068289.D
Acq: 04 Feb 2021 20:56

Tgt Ion:	180	Resp:	24559
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.3	144.8
145	32.0	16.7	50.1

