

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068084.D
 Acq On : 19 Jan 2021 11:34
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Jan 19 12:24:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:20:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	556372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	956056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	849038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	385132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115013	23.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	47.70%#		
35) Dibromofluoromethane	7.920	113	113916	21.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.04%#		
50) Toluene-d8	10.343	98	466108	23.10	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	46.20%#		
62) 4-Bromofluorobenzene	12.631	95	162517	22.79	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	45.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	135683	26.34	ug/l	91
3) Chloromethane	2.208	50	142953	28.87	ug/l	99
4) Vinyl Chloride	2.350	62	159483	29.19	ug/l	99
5) Bromomethane	2.755	94	105765	25.49	ug/l	99
6) Chloroethane	2.920	64	97222	28.31	ug/l	97
7) Trichlorofluoromethane	3.273	101	207645	20.83	ug/l	98
8) Diethyl Ether	3.714	74	58944	23.59	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.102	101	120608	21.95	ug/l	95
10) Methyl Iodide	4.308	142	108339	19.12	ug/l	94
11) Tert butyl alcohol	5.208	59	68089	168.34	ug/l	95
12) 1,1-Dichloroethene	4.073	96	121413	22.96	ug/l	98
13) Acrolein	3.926	56	45430	121.53	ug/l	97
14) Allyl chloride	4.720	41	175022	27.20	ug/l	96
15) Acrylonitrile	5.426	53	117443	121.65	ug/l	97
16) Acetone	4.161	43	88416	113.12	ug/l	93
17) Carbon Disulfide	4.414	76	391320	24.52	ug/l	100
18) Methyl Acetate	4.720	43	48941	23.89	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	275819	25.03	ug/l	92
20) Methylene Chloride	4.973	84	142898	18.66	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	135478	22.88	ug/l	94
22) Diisopropyl ether	6.367	45	353331	27.57	ug/l #	94
23) Vinyl Acetate	6.308	43	933020	138.96	ug/l	95
24) 1,1-Dichloroethane	6.267	63	229941	24.37	ug/l	96
25) 2-Butanone	7.214	43	138643	134.23	ug/l	98
26) 2,2-Dichloropropane	7.208	77	213630	23.10	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	152280	23.77	ug/l	92
28) Bromochloromethane	7.549	49	85268	27.17	ug/l #	78
29) Tetrahydrofuran	7.567	42	89457	134.90	ug/l	93
30) Chloroform	7.714	83	228068	21.87	ug/l	97
31) Cyclohexane	7.985	56	223426	26.29	ug/l	92
32) 1,1,1-Trichloroethane	7.908	97	209611	20.98	ug/l	96
36) 1,1-Dichloropropene	8.114	75	188729	21.87	ug/l	97
37) Ethyl Acetate	7.296	43	65874	24.27	ug/l	98
38) Carbon Tetrachloride	8.102	117	175954	17.79	ug/l	98
39) Methylcyclohexane	9.355	83	248199	23.54	ug/l	96
40) Benzene	8.355	78	530393	21.88	ug/l	94

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Quant Time: Jan 19 12:24:16 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	41901m	27.10	ug/l	
42) 1,2-Dichloroethane	8.432	62	142818	21.14	ug/l	98
43) Isopropyl Acetate	8.455	43	138279	26.63	ug/l	97
44) Trichloroethene	9.114	130	145712	19.89	ug/l	98
45) 1,2-Dichloropropane	9.390	63	129253	22.95	ug/l	94
46) Dibromomethane	9.479	93	63698	19.75	ug/l	95
47) Bromodichloromethane	9.667	83	176753	20.18	ug/l	95
48) Methyl methacrylate	9.461	41	68947	25.91	ug/l	96
49) 1,4-Dioxane	9.467	88	15906	459.85	ug/l #	85
51) 4-Methyl-2-Pentanone	10.232	43	322432	126.13	ug/l	96
52) Toluene	10.408	92	347040	21.52	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	180300	23.05	ug/l	99
54) cis-1,3-Dichloropropene	10.090	75	214966	23.05	ug/l	94
55) 1,1,2-Trichloroethane	10.802	97	91647	20.01	ug/l	95
56) Ethyl methacrylate	10.661	69	123958	25.37	ug/l	95
57) 1,3-Dichloropropane	10.949	76	163264	22.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	310625	130.04	ug/l	93
59) 2-Hexanone	10.984	43	221612	125.19	ug/l	95
60) Dibromochloromethane	11.143	129	116456	18.84	ug/l	100
61) 1,2-Dibromoethane	11.249	107	91146	20.83	ug/l	98
64) Tetrachloroethene	10.879	164	119639	19.77	ug/l	97
65) Chlorobenzene	11.673	112	361176	21.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	123424	19.34	ug/l	96
67) Ethyl Benzene	11.743	91	662038	22.39	ug/l	96
68) m/p-Xylenes	11.855	106	501179	43.68	ug/l	97
69) o-Xylene	12.184	106	228583	21.84	ug/l	99
70) Styrene	12.196	104	396427	22.03	ug/l	98
71) Bromoform	12.361	173	64063	18.98	ug/l #	97
73) Isopropylbenzene	12.478	105	631942	23.36	ug/l	99
74) N-amyl acetate	12.290	43	130129	28.99	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.731	83	98463	22.89	ug/l	100
76) 1,2,3-Trichloropropane	12.784	75	66556m	21.89	ug/l	
77) Bromobenzene	12.761	156	133957	20.83	ug/l	84
78) n-propylbenzene	12.820	91	755470	23.75	ug/l	98
79) 2-Chlorotoluene	12.908	91	420917	23.30	ug/l	95
80) 1,3,5-Trimethylbenzene	12.961	105	529402	22.91	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	36046	25.04	ug/l	94
82) 4-Chlorotoluene	13.008	91	440620	22.99	ug/l	97
83) tert-Butylbenzene	13.225	119	443978	22.77	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	528646	23.33	ug/l	99
85) sec-Butylbenzene	13.402	105	627227	22.96	ug/l	99
86) p-Isopropyltoluene	13.514	119	570188	22.57	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	261870	21.11	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	256964	20.52	ug/l	97
89) n-Butylbenzene	13.843	91	548174	23.79	ug/l	98
90) Hexachloroethane	14.114	117	100538	20.67	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	224798	20.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	16153	23.08	ug/l	82
93) 1,2,4-Trichlorobenzene	15.161	180	150694	20.65	ug/l	98
94) Hexachlorobutadiene	15.267	225	84517	18.50	ug/l	99
95) Naphthalene	15.402	128	281469	22.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	129196	20.67	ug/l	98

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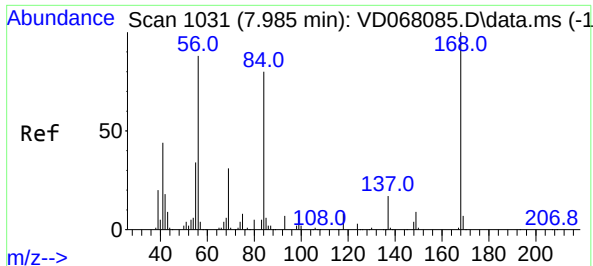
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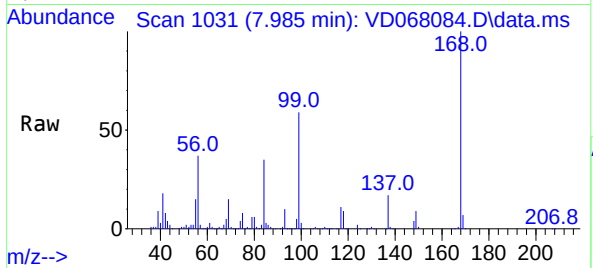
Quant Time: Jan 19 12:24:16 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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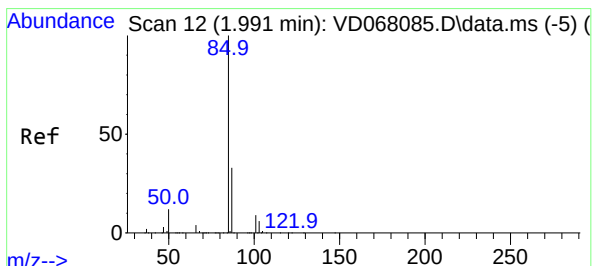
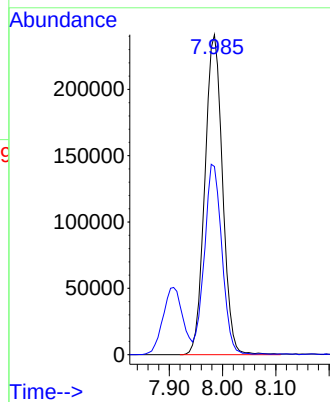
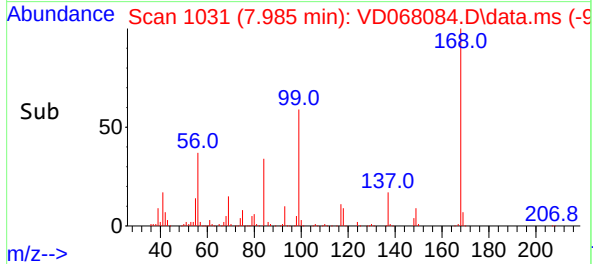
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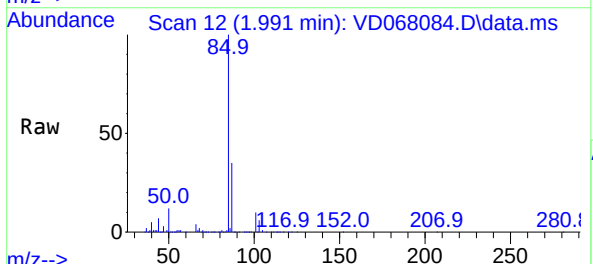
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
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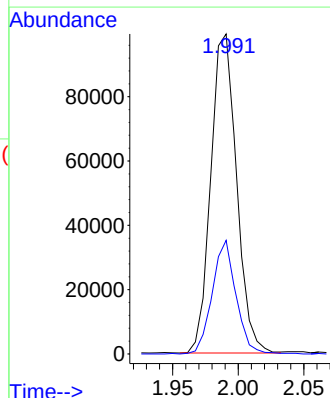
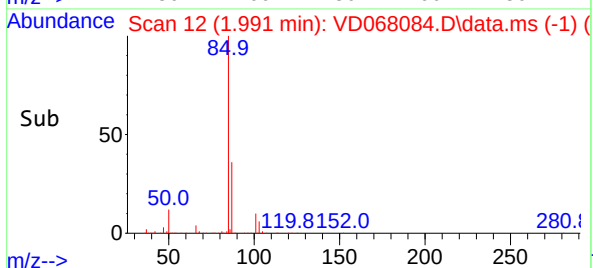
Tgt Ion: 168 Resp: 556372
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 26.34 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



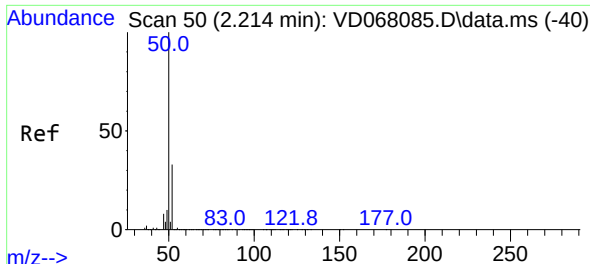
Tgt Ion: 85 Resp: 135683
Ion Ratio Lower Upper
85 100
87 35.6 15.4 46.1



Instrument :
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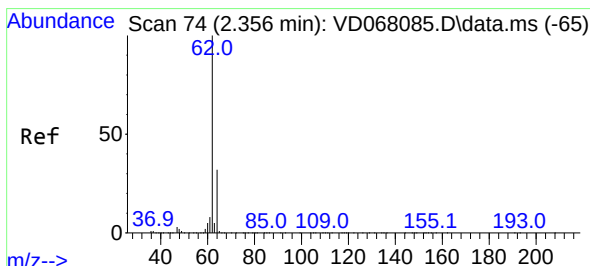
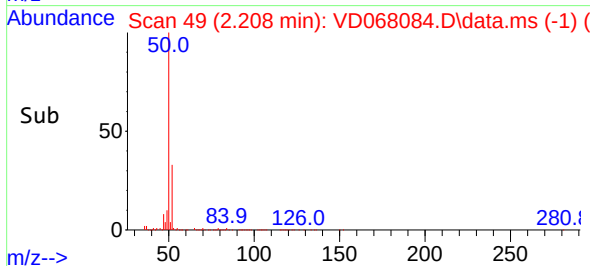
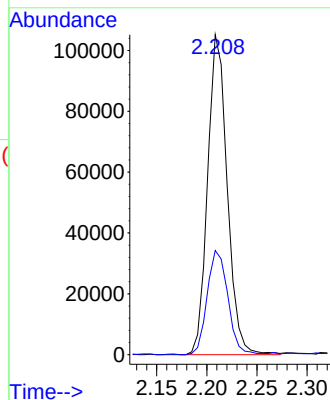
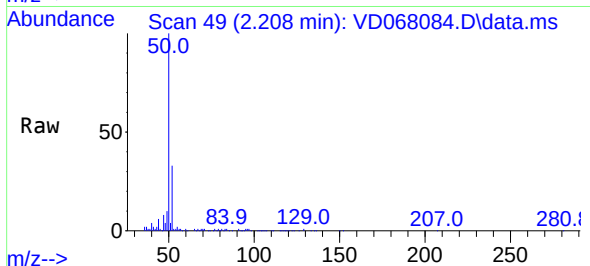
#3
Chloromethane
Concen: 28.87 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 50 Resp: 142953
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

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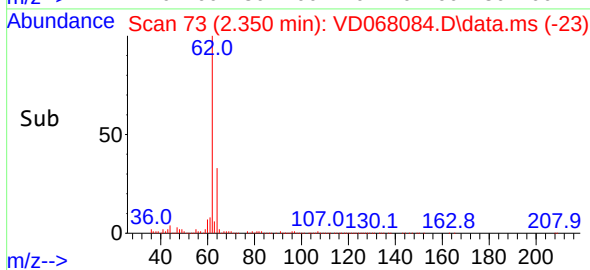
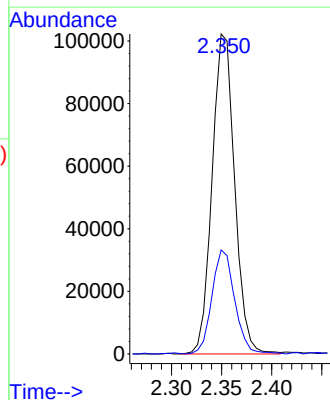
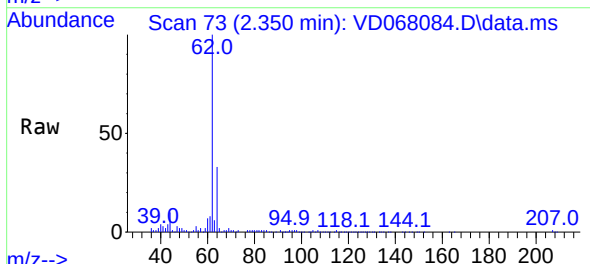
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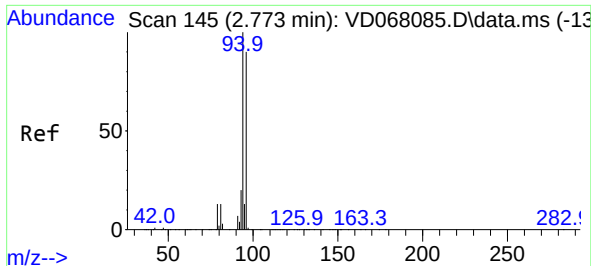
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#4
Vinyl Chloride
Concen: 29.19 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

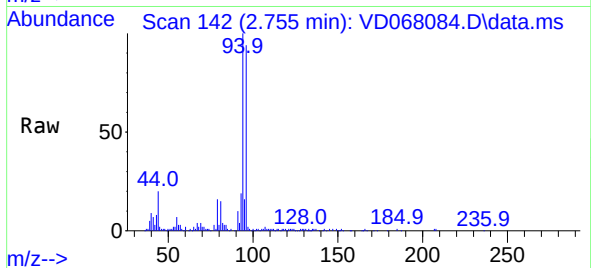
Tgt Ion: 62 Resp: 159483
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5
Bromomethane
Concen: 25.49 ug/l
RT: 2.755 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

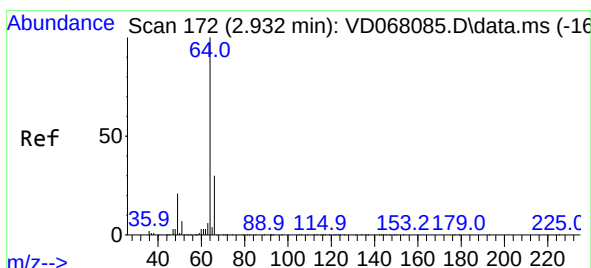
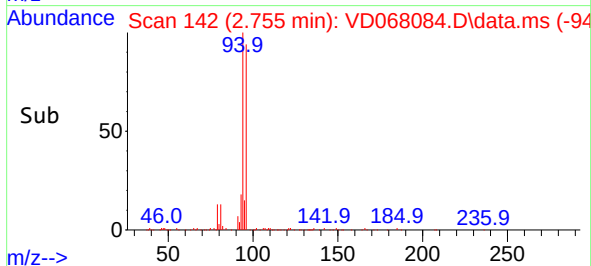
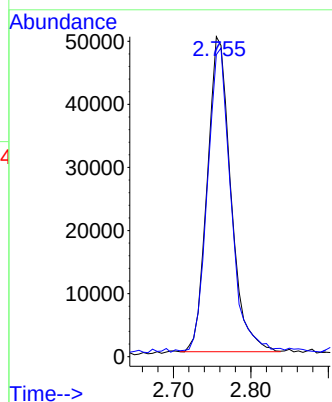
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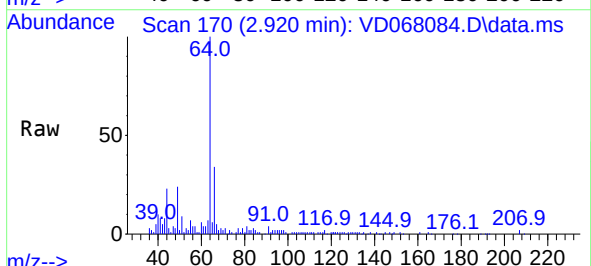
Tgt Ion: 94 Resp: 105765
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8

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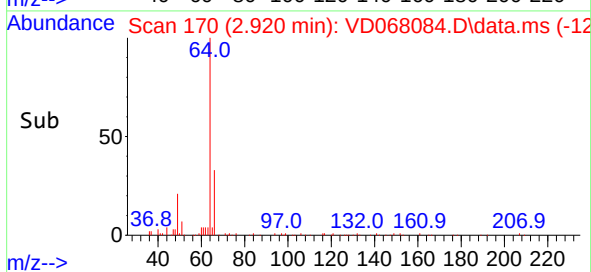
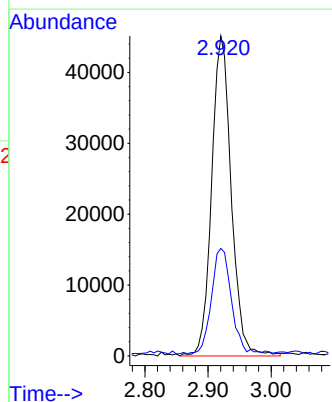
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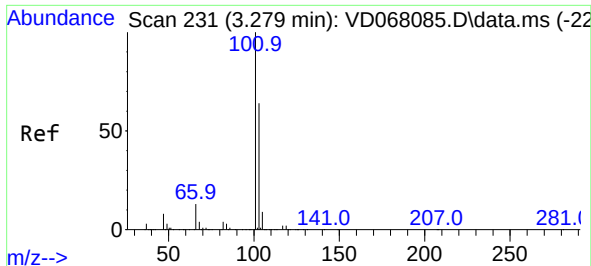


#6
Chloroethane
Concen: 28.31 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



Tgt Ion: 64 Resp: 97222
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





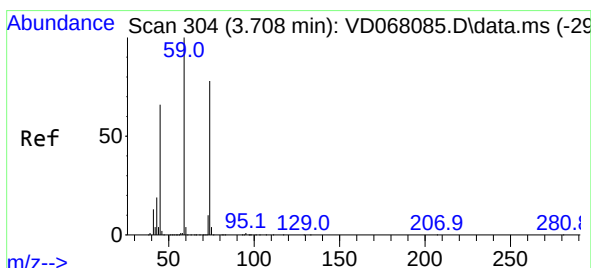
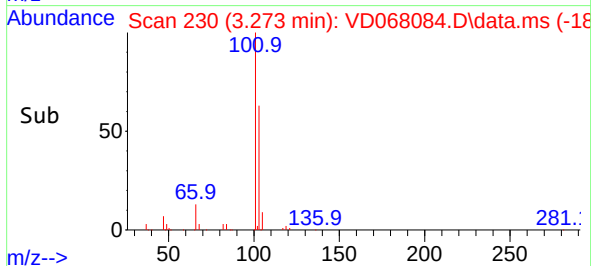
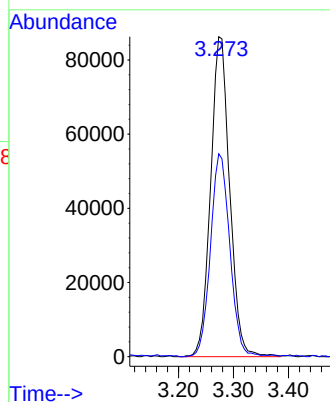
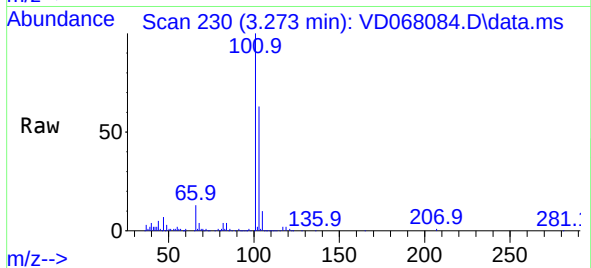
#7
Trichlorofluoromethane
Concen: 20.83 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068084.D
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Tgt Ion:101 Resp: 207645
Ion Ratio Lower Upper
101 100
103 63.4 52.0 78.0

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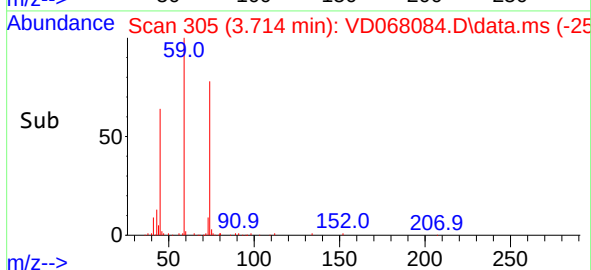
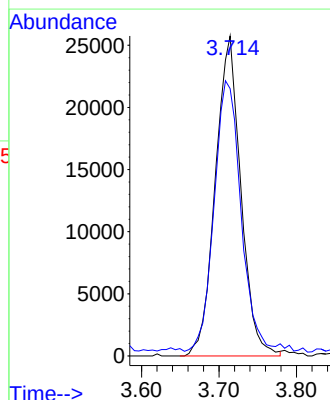
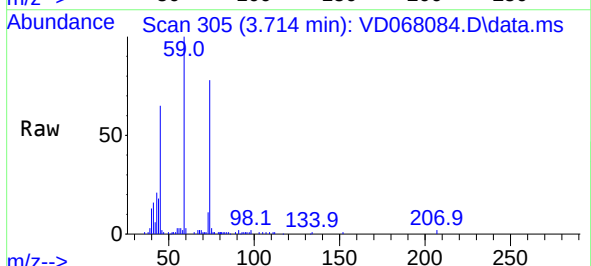
Manual Integrations
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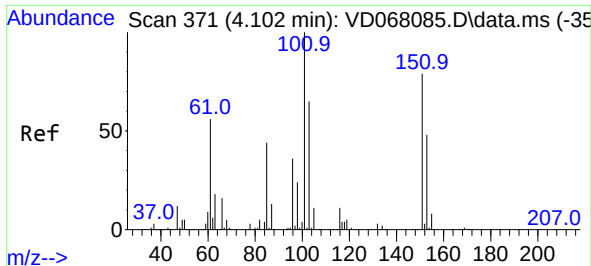
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#8
Diethyl Ether
Concen: 23.59 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 74 Resp: 58944
Ion Ratio Lower Upper
74 100
45 88.6 42.1 126.4





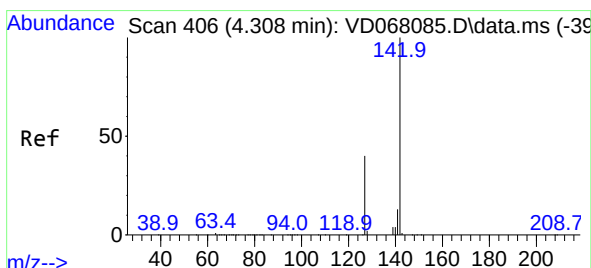
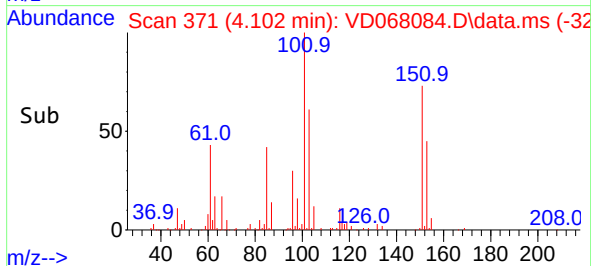
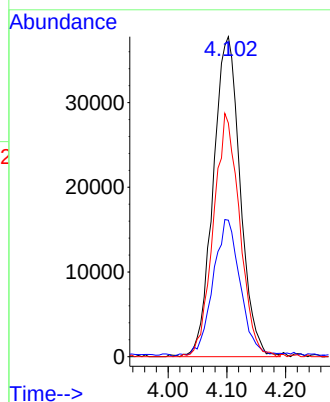
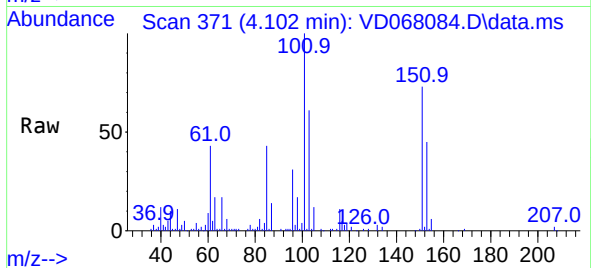
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.95 ug/l
RT: 4.102 min Scan# 371
Delta R.T. -0.000 min
Lab File: VD068084.D
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Tgt Ion:101 Resp: 120608
Ion Ratio Lower Upper
101 100
85 44.0 34.0 51.0
151 73.9 64.1 96.1

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ClientSampleId :
VSTDIC020

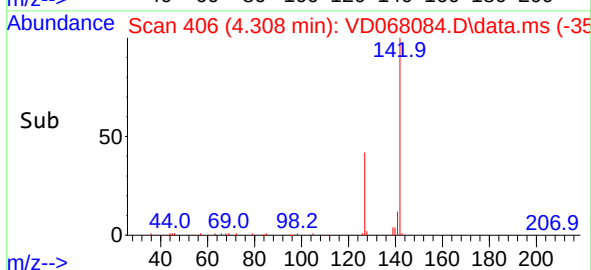
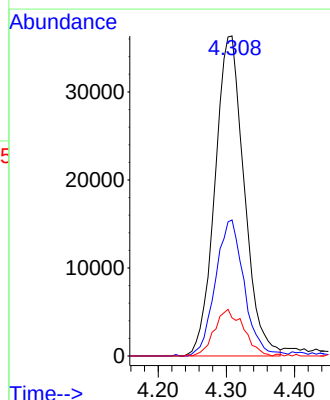
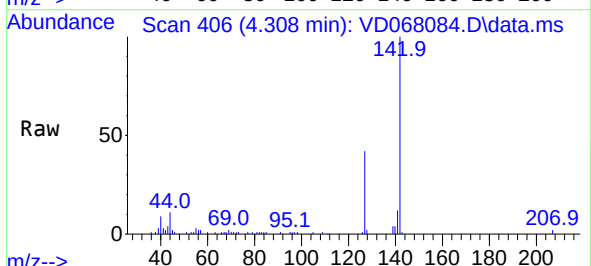
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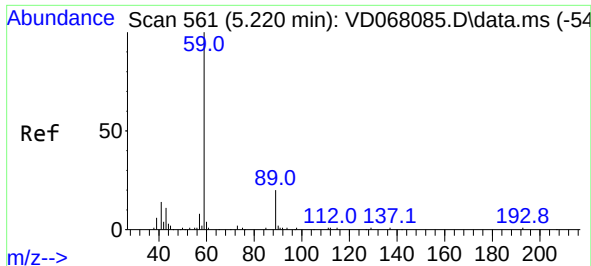
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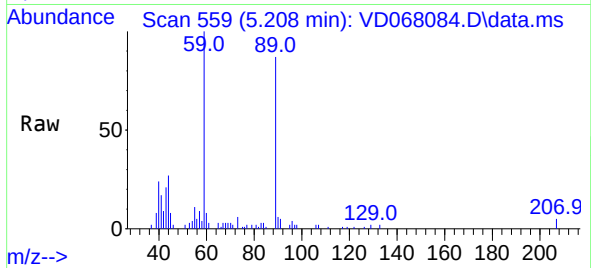
#10
Methyl Iodide
Concen: 19.12 ug/l
RT: 4.308 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:142 Resp: 108339
Ion Ratio Lower Upper
142 100
127 41.8 37.9 56.9
141 14.5 11.5 17.3

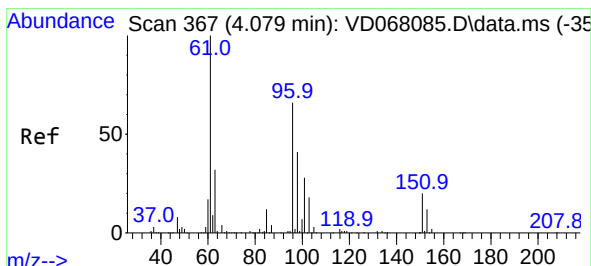
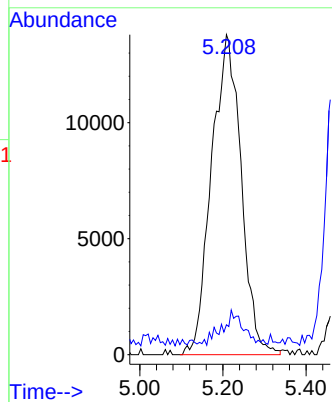
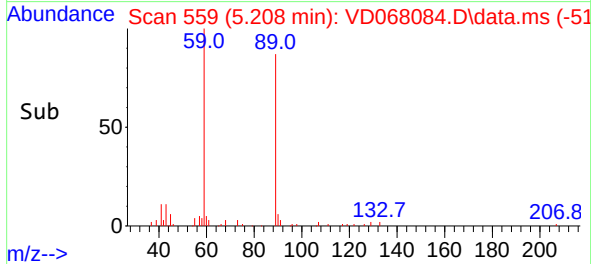




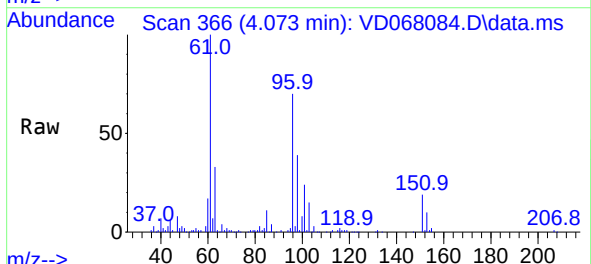
#11
Tert butyl alcohol
Concen: 168.34 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



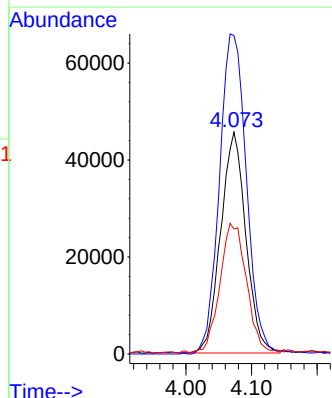
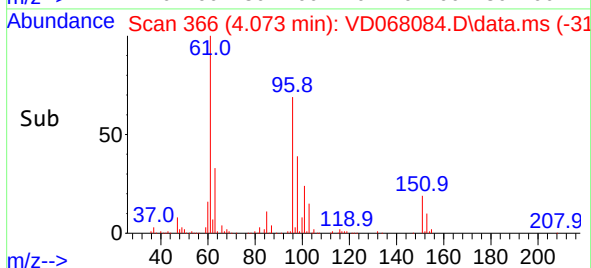
Tgt Ion: 59 Resp: 68089
Ion Ratio Lower Upper
59 100
57 7.5 7.4 11.2



#12
1,1-Dichloroethene
Concen: 22.96 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



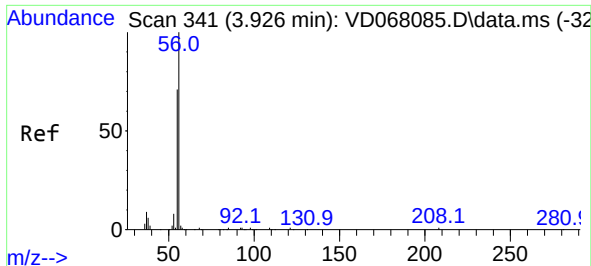
Tgt Ion: 96 Resp: 121413
Ion Ratio Lower Upper
96 100
61 144.2 116.2 174.4
98 56.0 48.6 73.0



Instrument :
MSVOA_D
ClientSampleId :
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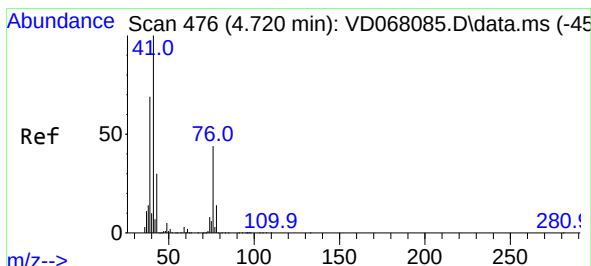
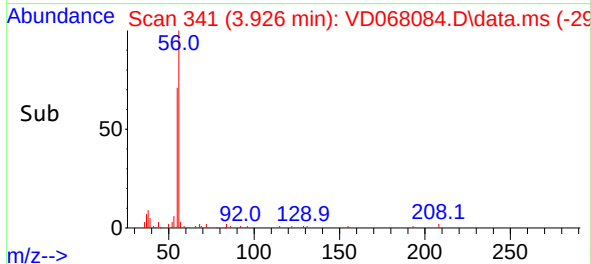
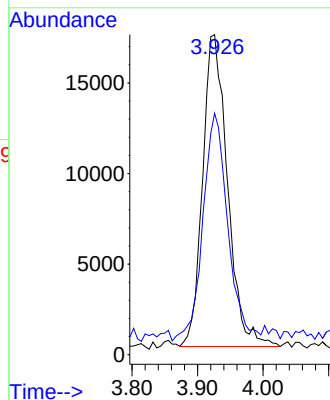
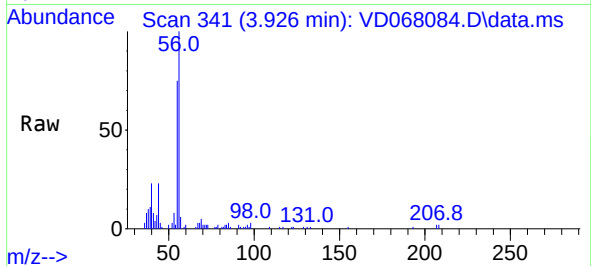
#13
Acrolein
Concen: 121.53 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 56 Resp: 45430
Ion Ratio Lower Upper
56 100
55 73.2 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

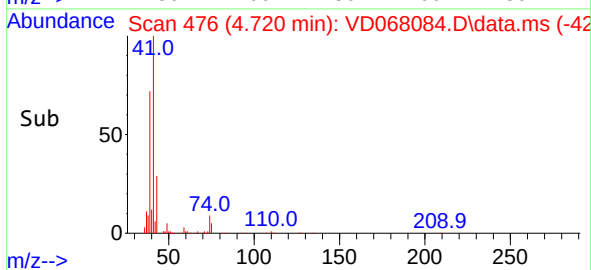
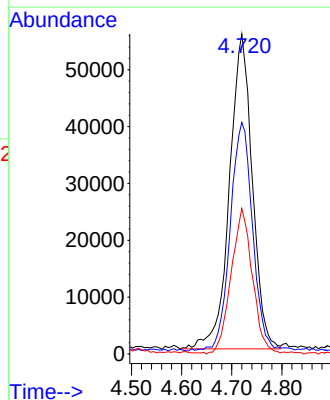
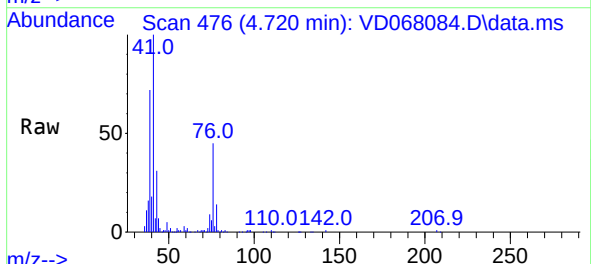
Manual Integrations
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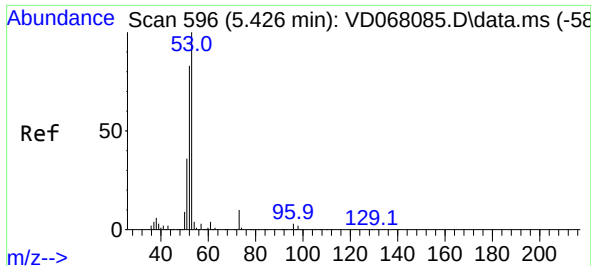
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#14
Allyl chloride
Concen: 27.20 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

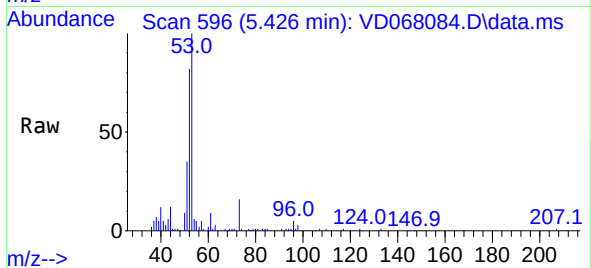
Tgt Ion: 41 Resp: 175022
Ion Ratio Lower Upper
41 100
39 71.6 56.3 84.5
76 43.3 38.9 58.3





#15
Acrylonitrile
Concen: 121.65 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

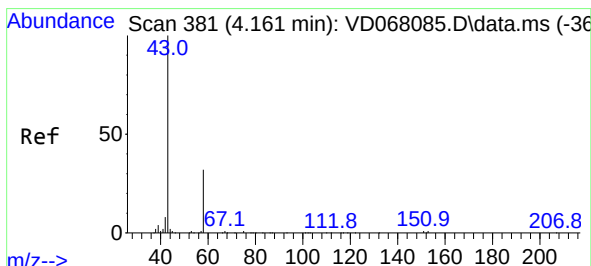
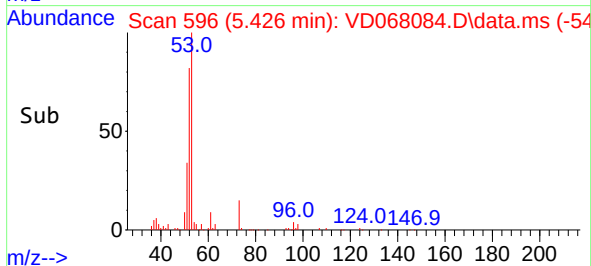
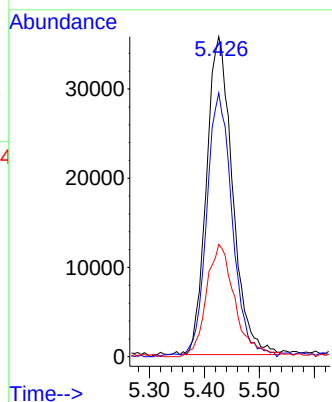
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



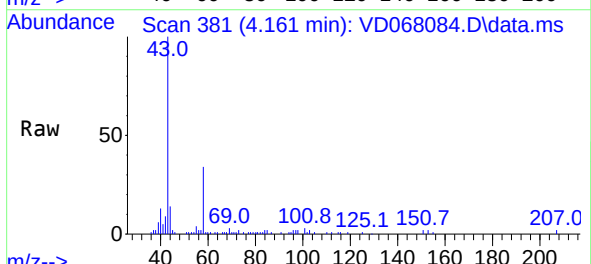
Tgt Ion: 53 Resp: 117443
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.2
51 39.0 29.0 43.4

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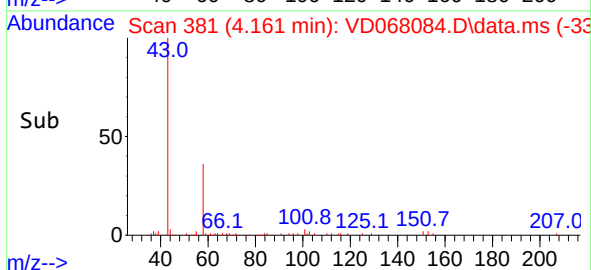
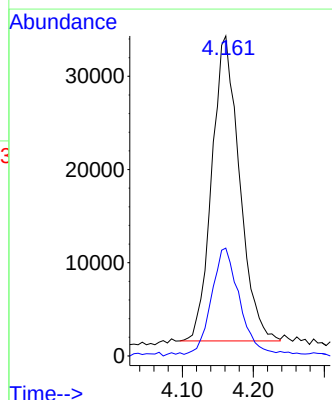
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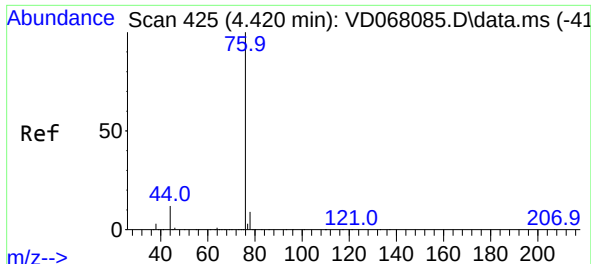


#16
Acetone
Concen: 113.12 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



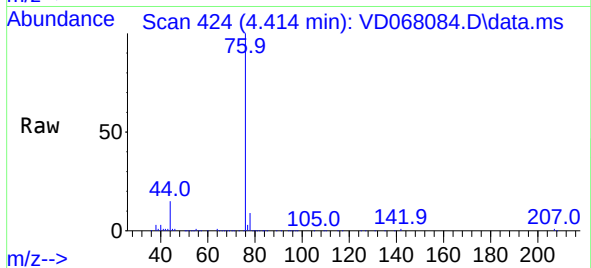
Tgt Ion: 43 Resp: 88416
Ion Ratio Lower Upper
43 100
58 34.3 24.2 36.4





#17
Carbon Disulfide
Concen: 24.52 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

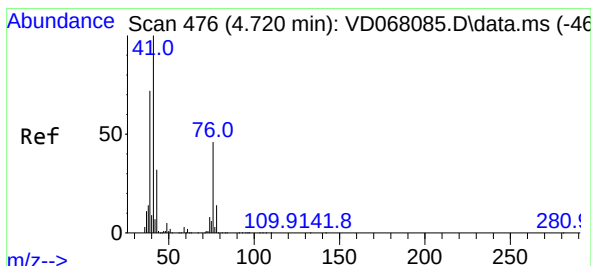
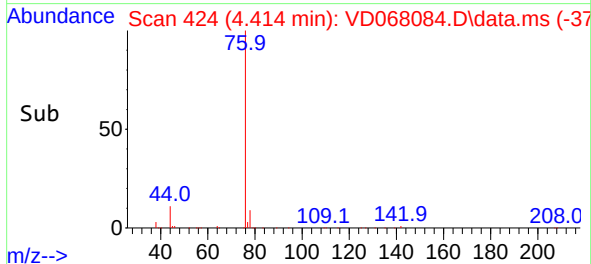
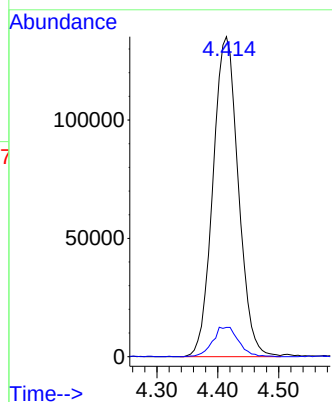
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 391320
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

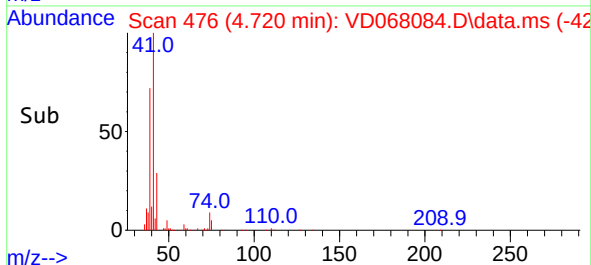
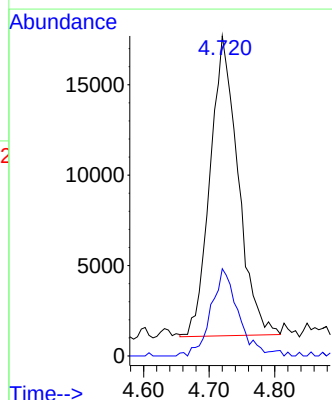
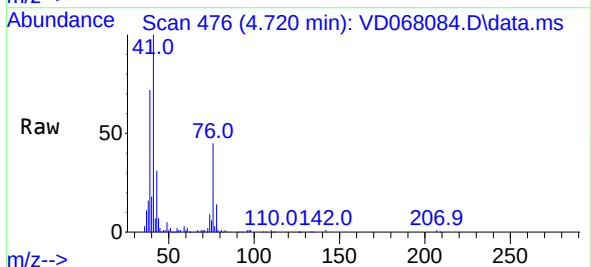
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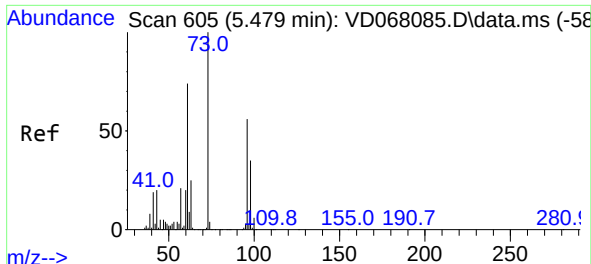
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#18
Methyl Acetate
Concen: 23.89 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 43 Resp: 48941
Ion Ratio Lower Upper
43 100
74 28.1 25.4 38.0





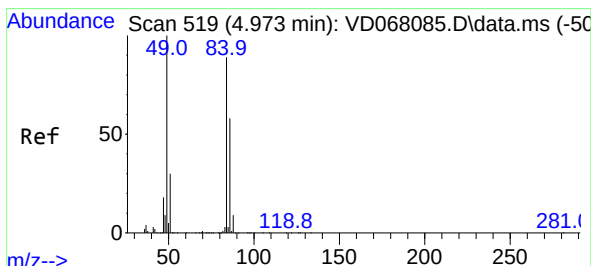
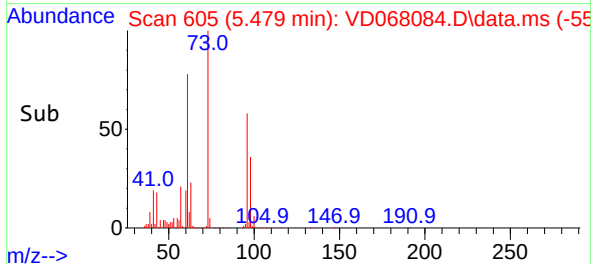
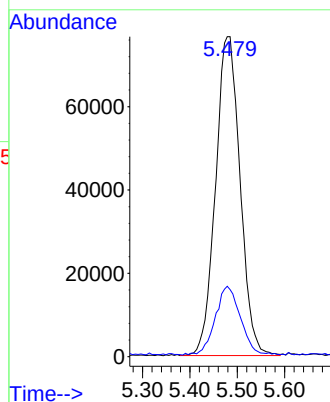
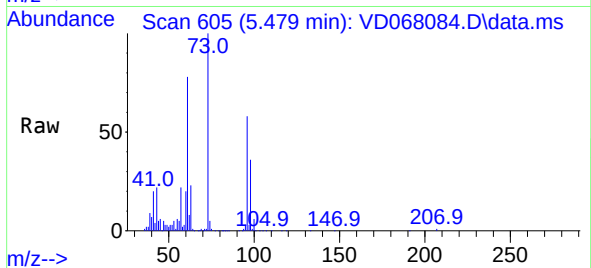
#19
Methyl tert-butyl Ether
Concen: 25.03 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 73 Resp: 275819
Ion Ratio Lower Upper
73 100
57 21.4 14.4 21.6

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC020

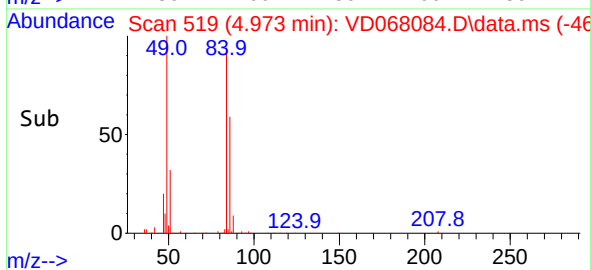
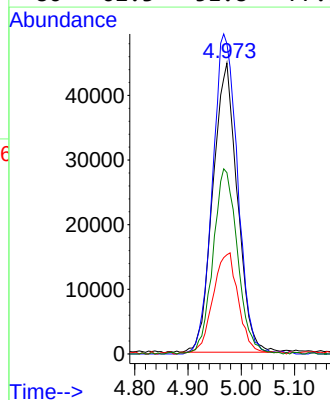
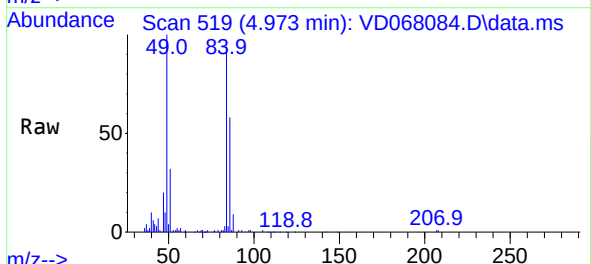
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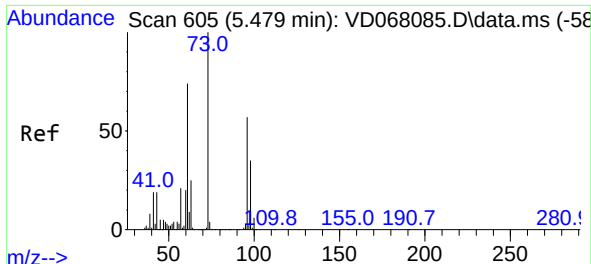
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#20
Methylene Chloride
Concen: 18.66 ug/l
RT: 4.973 min Scan# 519
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

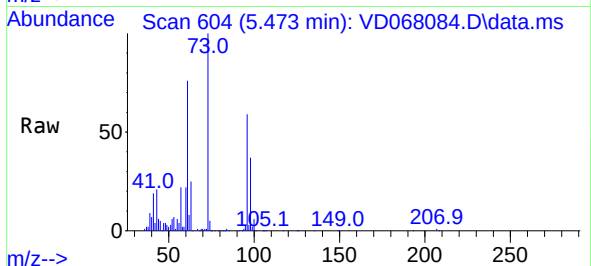
Tgt Ion: 84 Resp: 142898
Ion Ratio Lower Upper
84 100
49 107.3 77.4 116.2
51 33.8 26.1 39.1
86 62.3 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 22.88 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

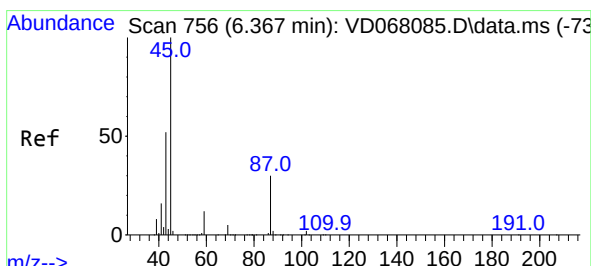
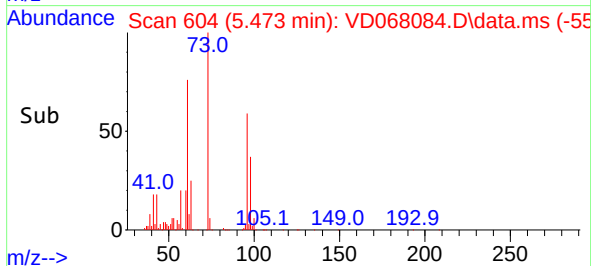
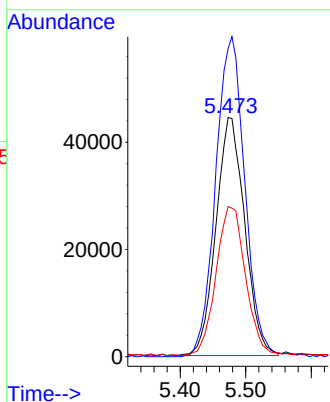
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



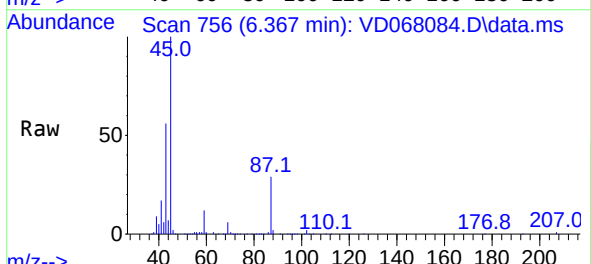
Tgt Ion: 96 Resp: 135478
Ion Ratio Lower Upper
96 100
61 129.5 96.7 145.1
98 62.4 47.6 71.4

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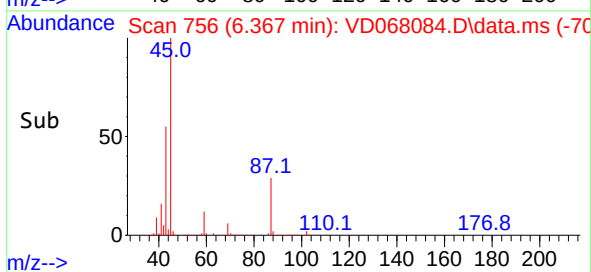
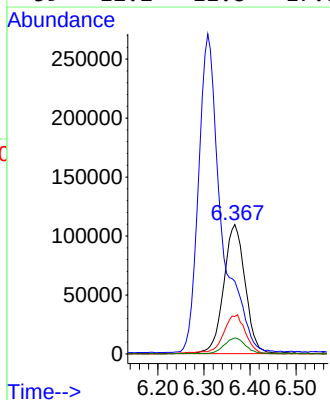
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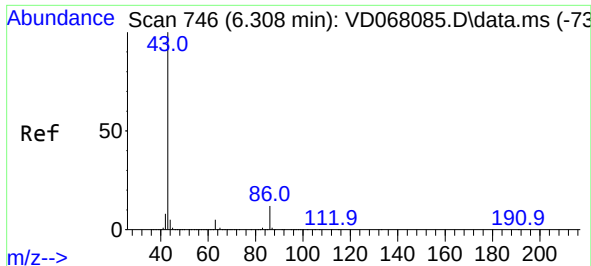


#22
Diisopropyl ether
Concen: 27.57 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



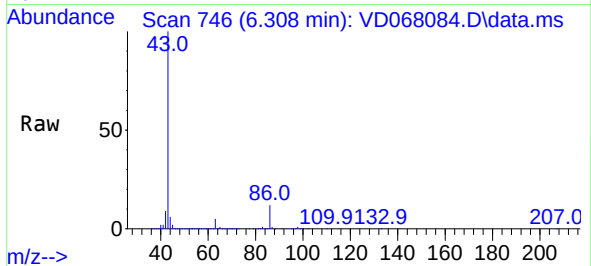
Tgt Ion: 45 Resp: 353331
Ion Ratio Lower Upper
45 100
43 54.7 43.9 65.9
87 28.8 29.9 44.9#
59 12.2 11.8 17.8





#23
 Vinyl Acetate
 Concen: 138.96 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD068084.D
 Acq: 19 Jan 2021 11:34

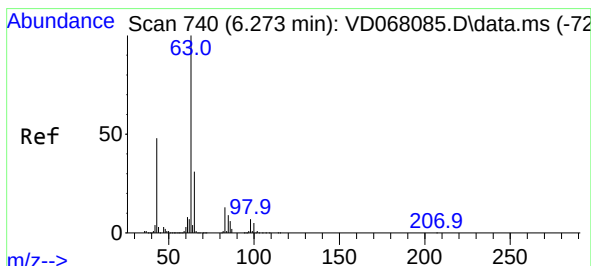
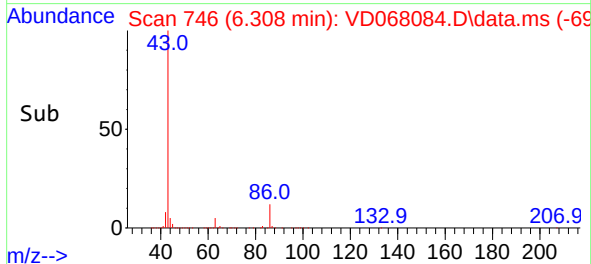
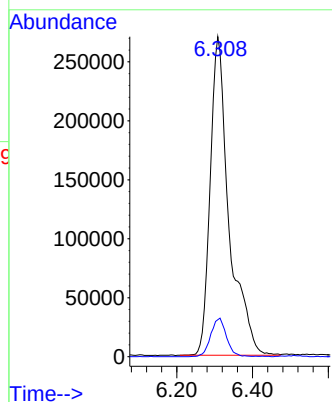
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



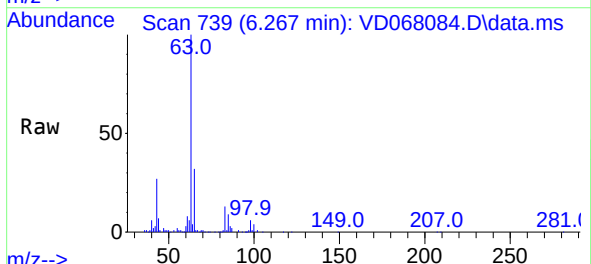
Tgt Ion: 43 Resp: 933020
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.8 16.2

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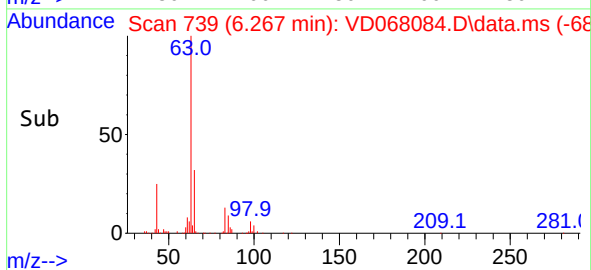
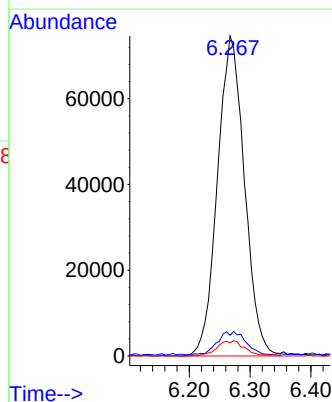
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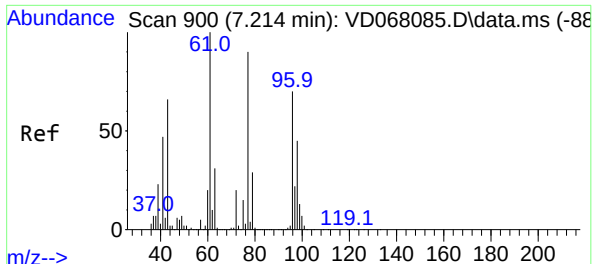


#24
 1,1-Dichloroethane
 Concen: 24.37 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068084.D
 Acq: 19 Jan 2021 11:34



Tgt Ion: 63 Resp: 229941
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.8 11.4
 100 4.2 2.6 8.0





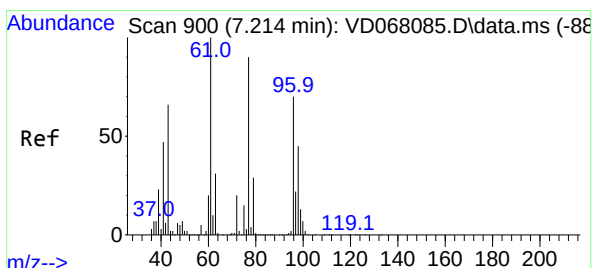
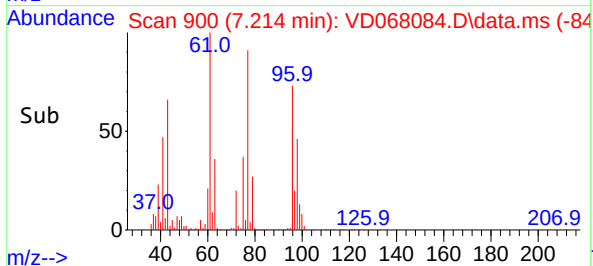
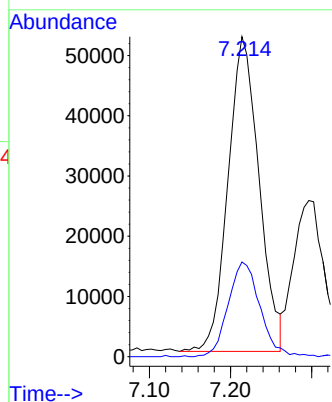
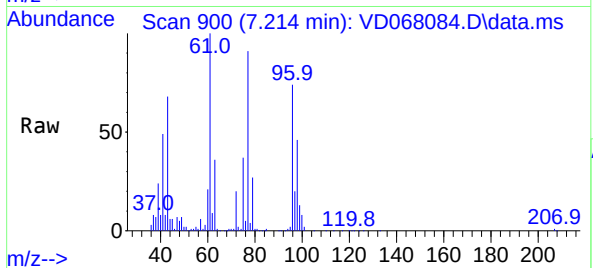
#25
2-Butanone
Concen: 134.23 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 43 Resp: 138643
Ion Ratio Lower Upper
43 100
72 30.1 25.1 37.7

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC020

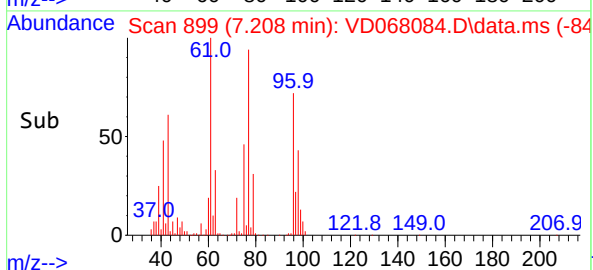
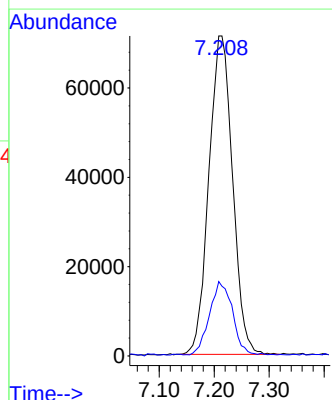
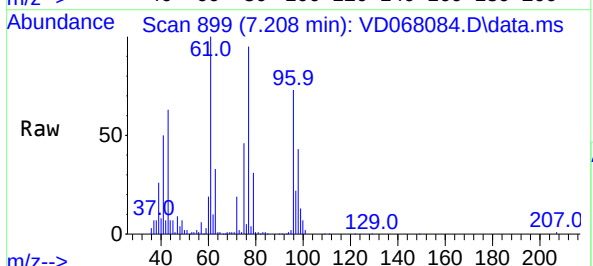
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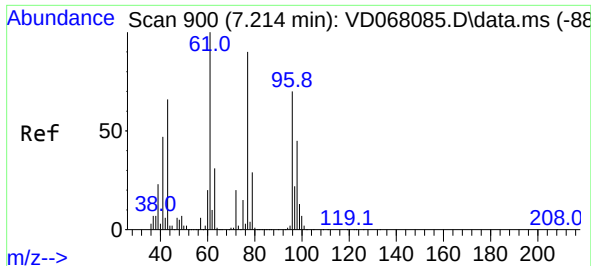
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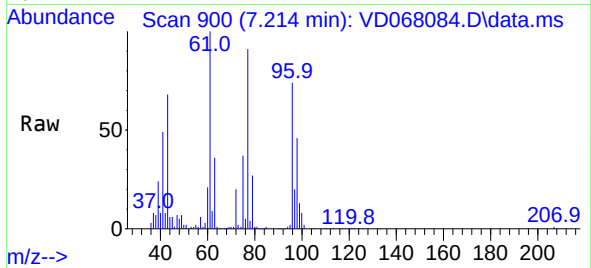
#26
2,2-Dichloropropane
Concen: 23.10 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 77 Resp: 213630
Ion Ratio Lower Upper
77 100
97 22.2 11.7 35.1

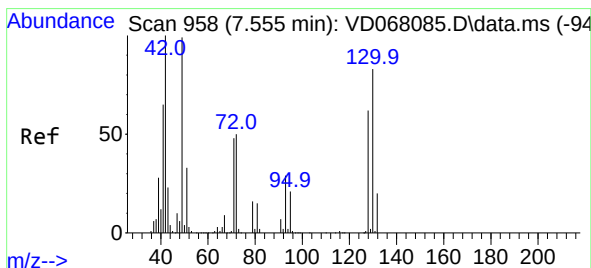
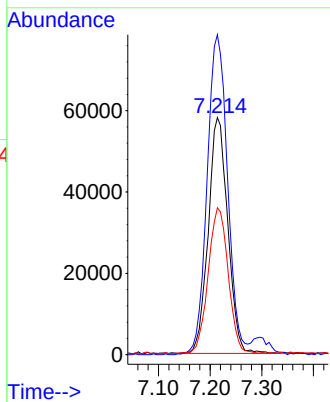
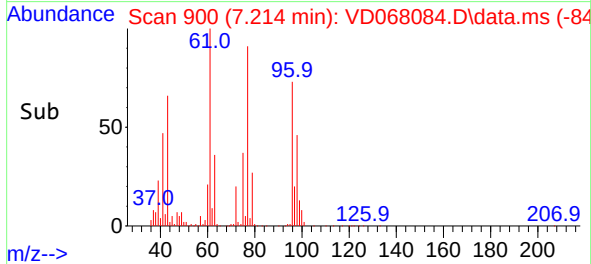




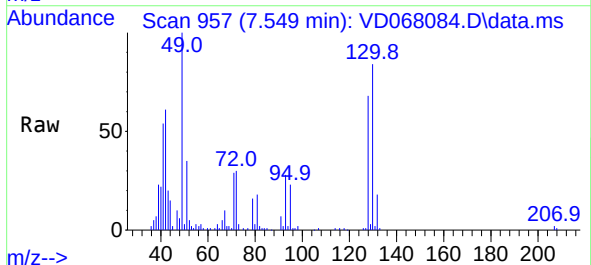
#27
cis-1,2-Dichloroethene
Concen: 23.77 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



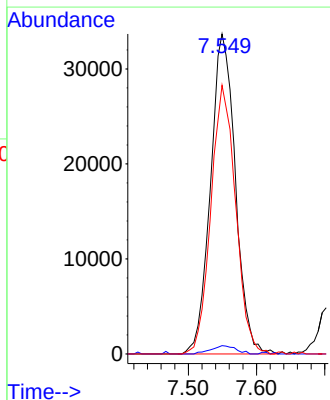
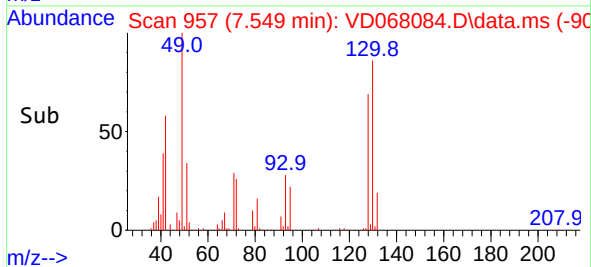
Tgt Ion: 96 Resp: 152280
Ion Ratio Lower Upper
96 100
61 141.9 0.0 257.4
98 63.4 0.0 126.6



#28
Bromochloromethane
Concen: 27.17 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



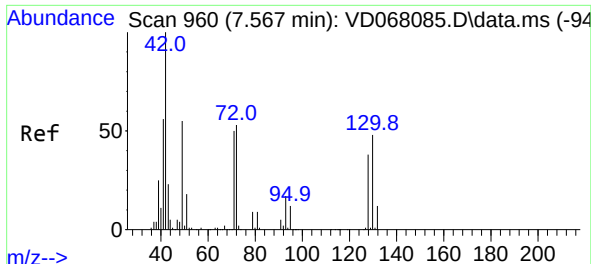
Tgt Ion: 49 Resp: 85268
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 83.5 85.5 128.3#



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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#29

Tetrahydrofuran

Concen: 134.90 ug/l

RT: 7.567 min Scan# 960

Delta R.T. -0.000 min

Lab File: VD068084.D

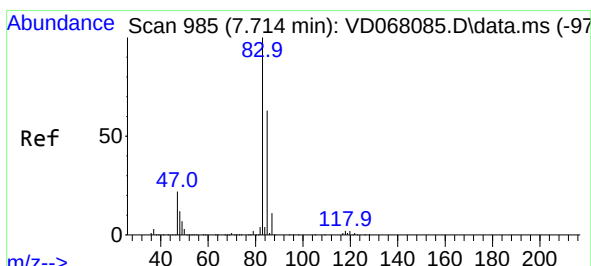
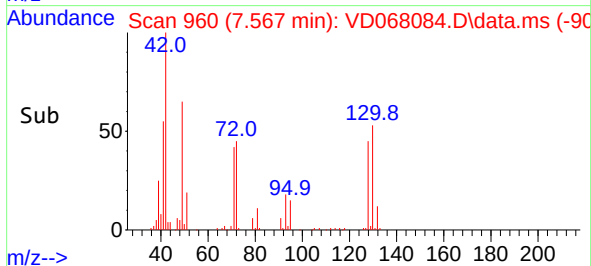
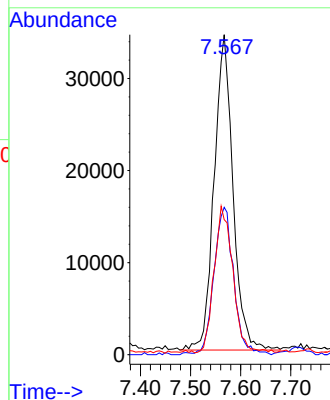
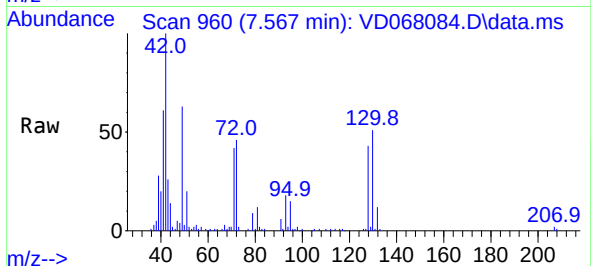
Acq: 19 Jan 2021 11:34

Tgt Ion:	42	Resp:	89457
Ion	Ratio	Lower	Upper
42	100		
72	48.8	43.4	65.0
71	46.4	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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#30

Chloroform

Concen: 21.87 ug/l

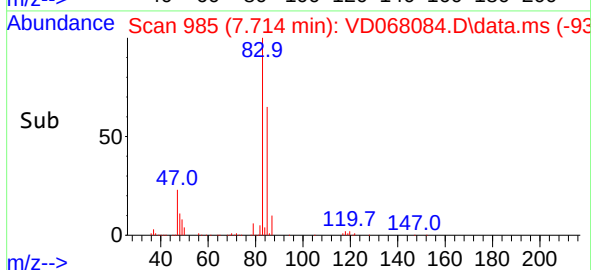
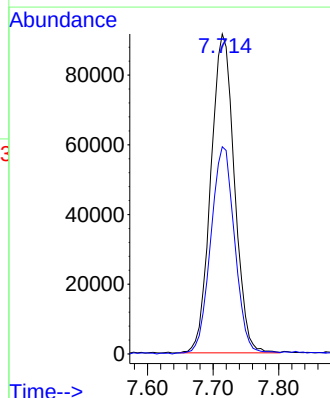
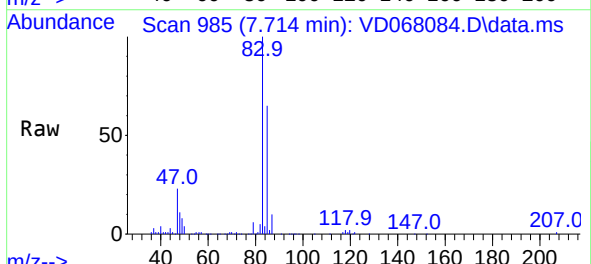
RT: 7.714 min Scan# 985

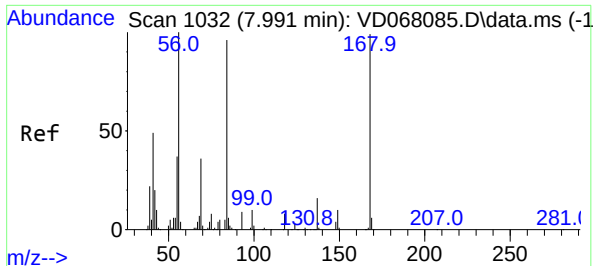
Delta R.T. -0.000 min

Lab File: VD068084.D

Acq: 19 Jan 2021 11:34

Tgt Ion:	83	Resp:	228068
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.4	80.0





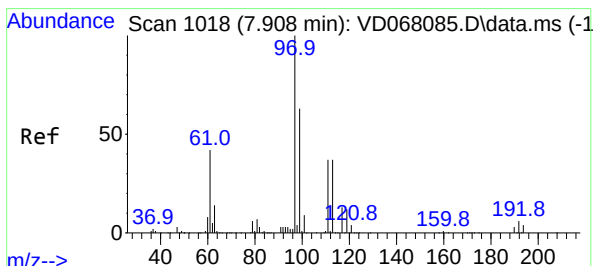
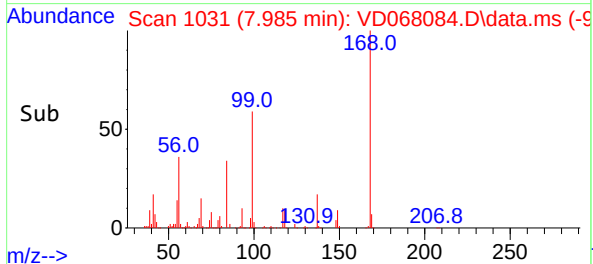
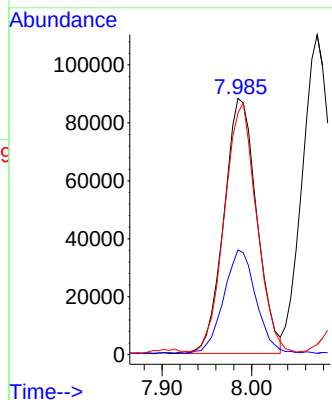
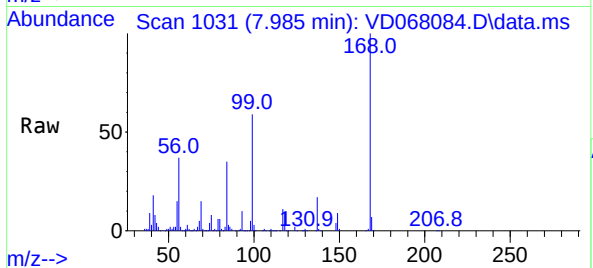
#31
Cyclohexane
Concen: 26.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampled :
VSTDIC020

Tgt Ion: 56 Resp: 223426
Ion Ratio Lower Upper
56 100
69 40.1 30.1 45.1
84 93.3 82.1 123.1

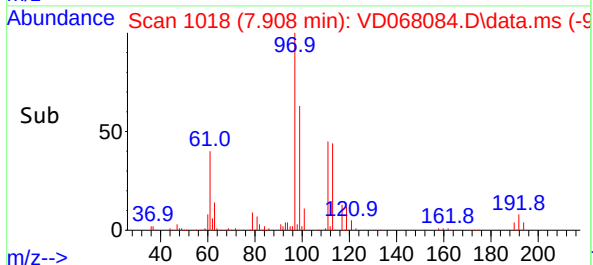
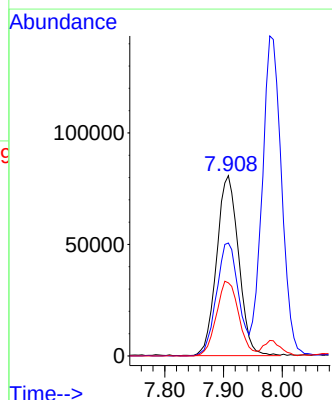
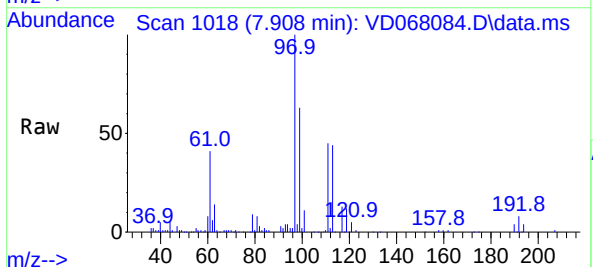
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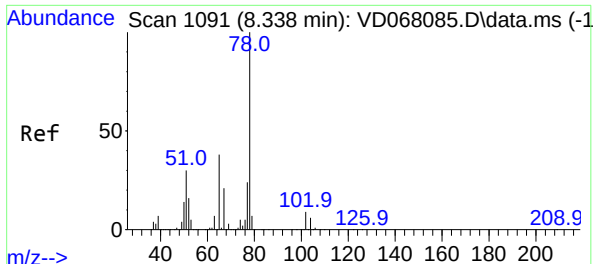
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#32
1,1,1-Trichloroethane
Concen: 20.98 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 97 Resp: 209611
Ion Ratio Lower Upper
97 100
99 63.4 52.1 78.1
61 42.3 30.1 45.1





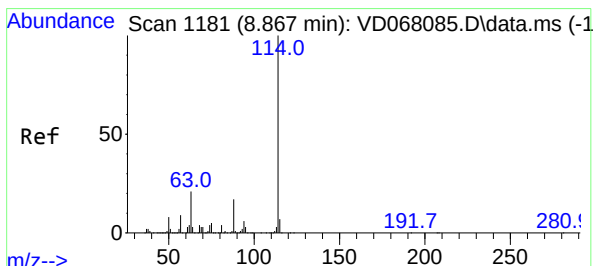
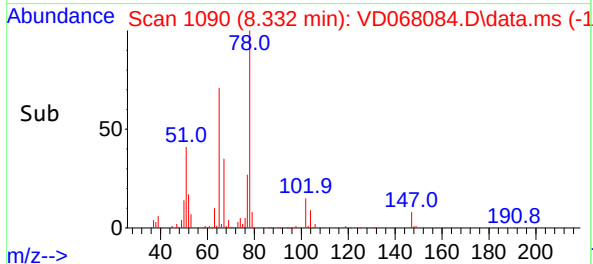
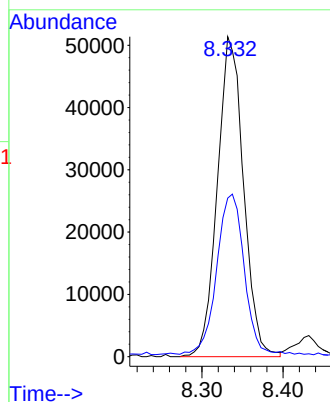
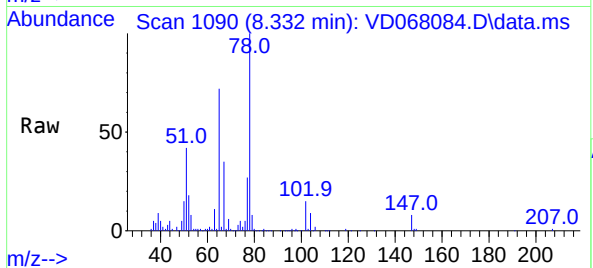
#33
1,2-Dichloroethane-d4
Concen: 23.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 65 Resp: 115013
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

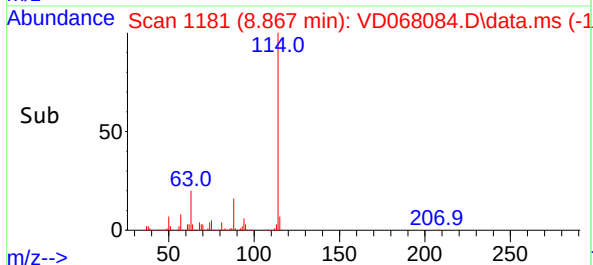
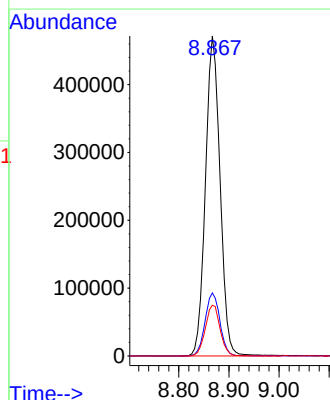
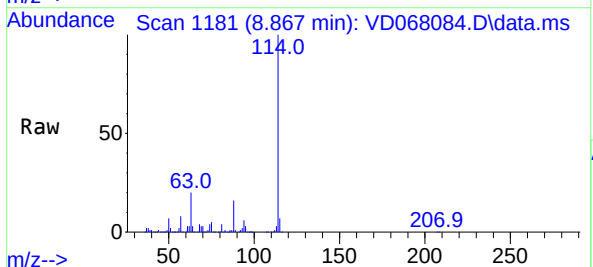
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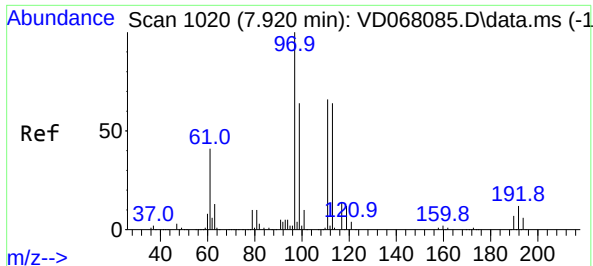
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 114 Resp: 956056
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.8 0.0 31.6





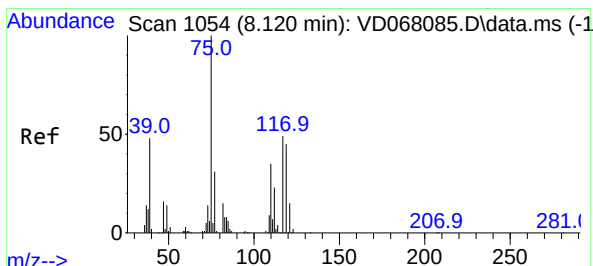
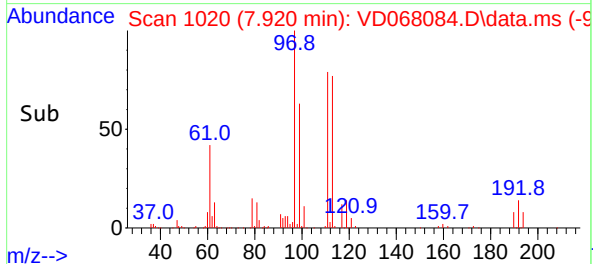
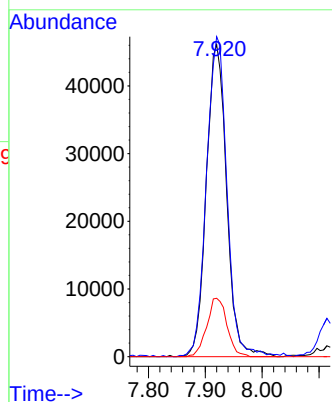
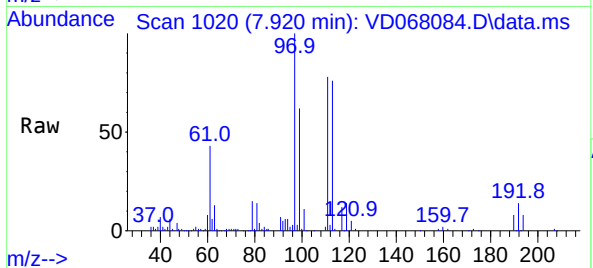
#35
Dibromofluoromethane
Concen: 21.02 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 113 Resp: 113916
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.7 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

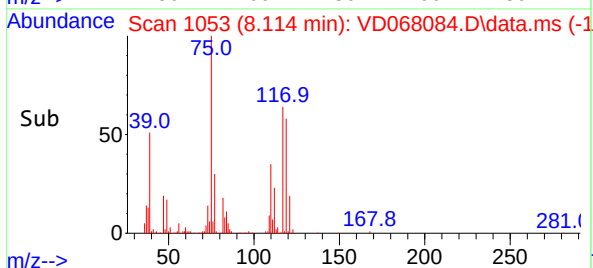
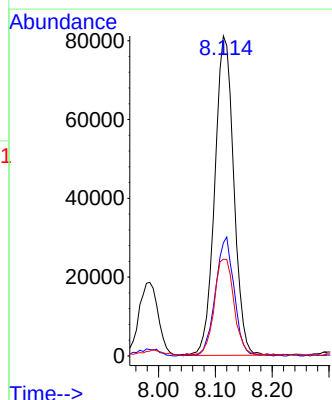
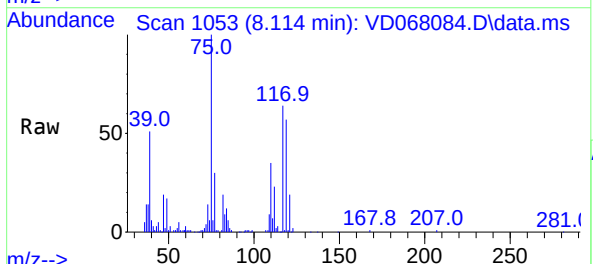
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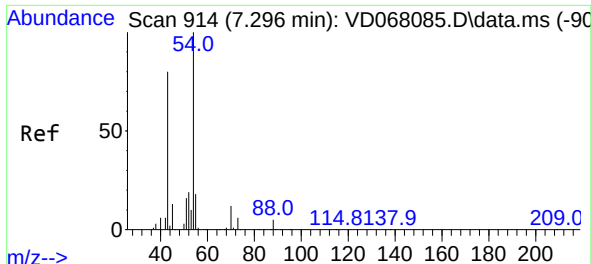
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#36
1,1-Dichloropropene
Concen: 21.87 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 75 Resp: 188729
Ion Ratio Lower Upper
75 100
110 36.0 19.4 58.2
77 32.2 25.3 37.9





#37

Ethyl Acetate

Concen: 24.27 ug/l

RT: 7.296 min Scan# 914

Delta R.T. -0.000 min

Lab File: VD068084.D

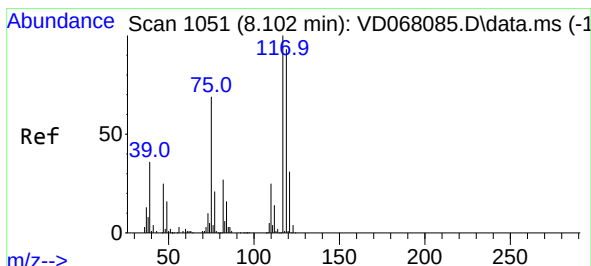
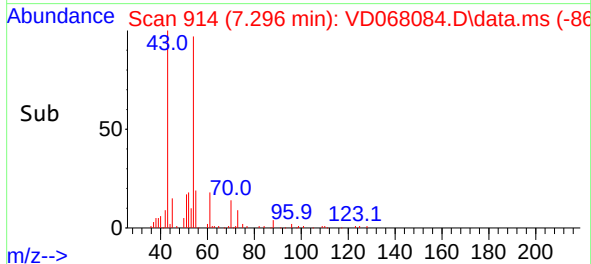
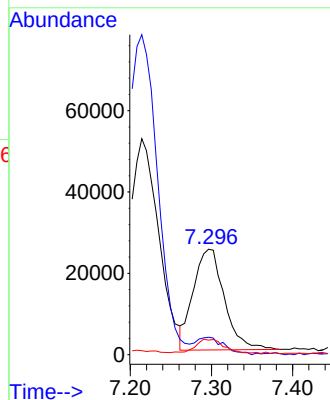
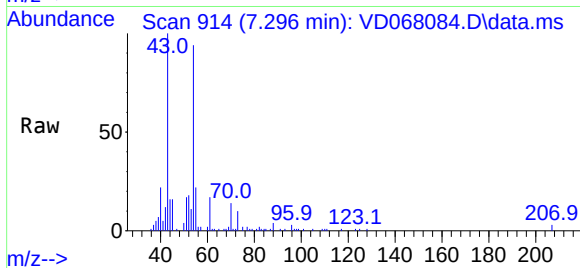
Acq: 19 Jan 2021 11:34

Tgt Ion:	43	Resp:	65874
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.9	19.3
70	12.0	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 17.79 ug/l

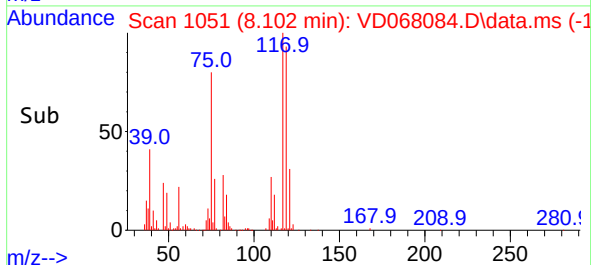
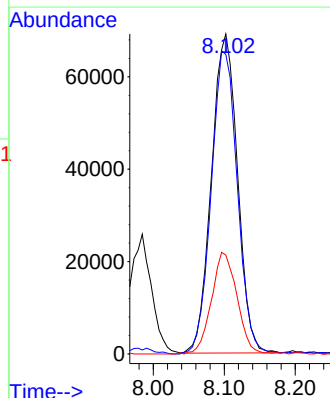
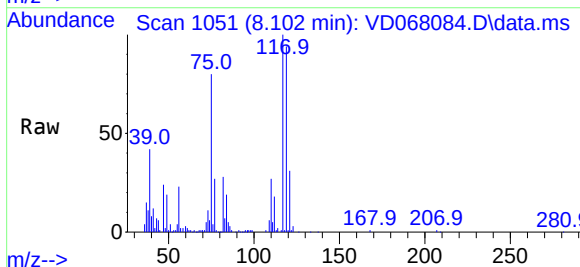
RT: 8.102 min Scan# 1051

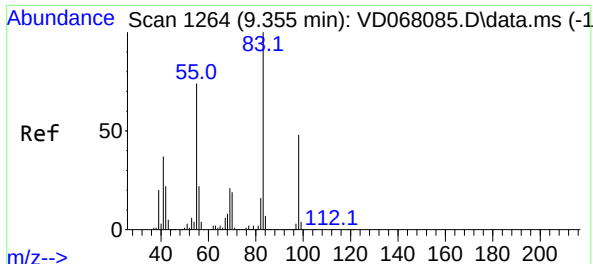
Delta R.T. -0.000 min

Lab File: VD068084.D

Acq: 19 Jan 2021 11:34

Tgt Ion:	117	Resp:	175954
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.3	115.9
121	30.7	24.7	37.1





#39

Methylcyclohexane

Concen: 23.54 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068084.D

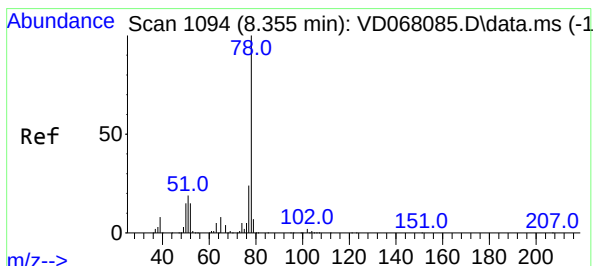
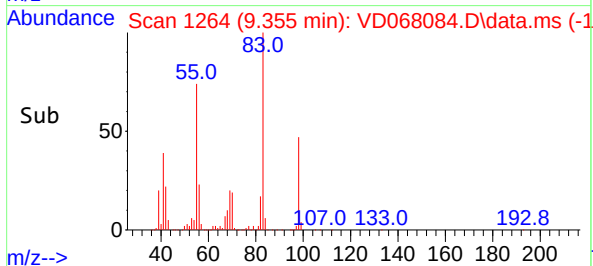
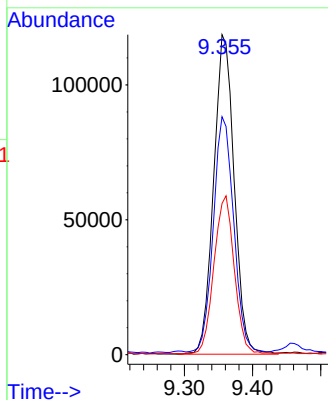
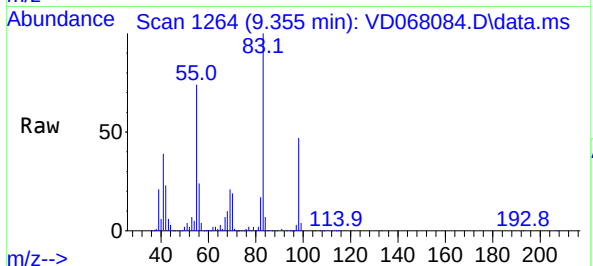
Acq: 19 Jan 2021 11:34

Tgt Ion:	83	Resp:	248199
Ion	Ratio	Lower	Upper
83	100		
55	73.3	55.2	82.8
98	46.9	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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#40

Benzene

Concen: 21.88 ug/l

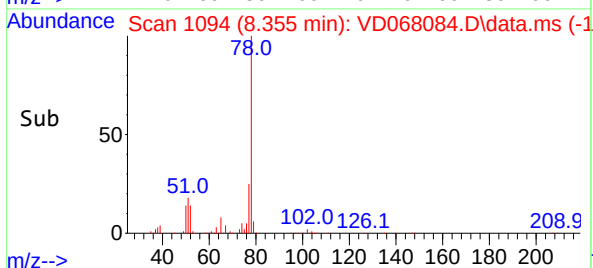
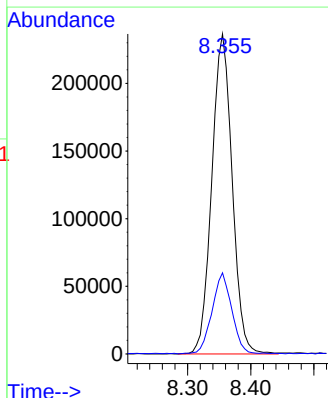
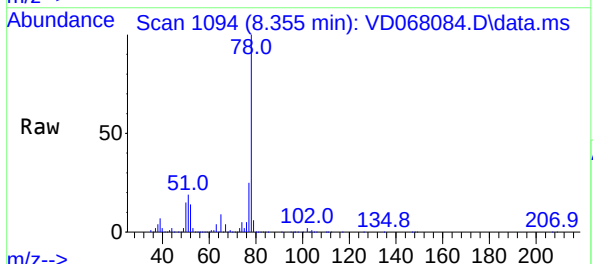
RT: 8.355 min Scan# 1094

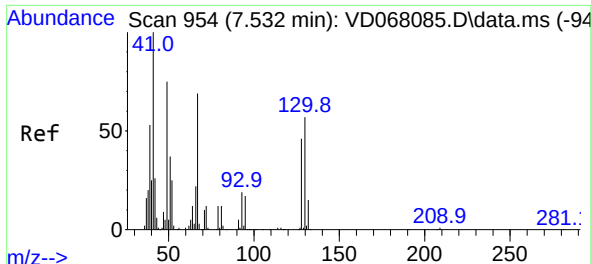
Delta R.T. -0.000 min

Lab File: VD068084.D

Acq: 19 Jan 2021 11:34

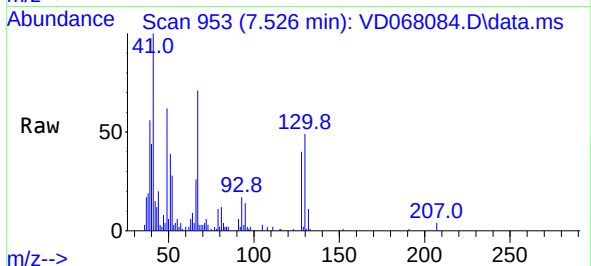
Tgt Ion:	78	Resp:	530393
Ion	Ratio	Lower	Upper
78	100		
77	25.3	17.8	26.6





#41
Methacrylonitrile
Concen: 27.10 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampled :
VSTDIC020

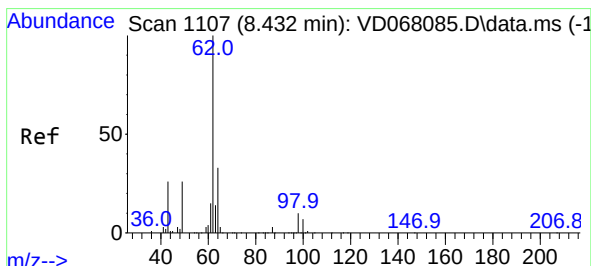
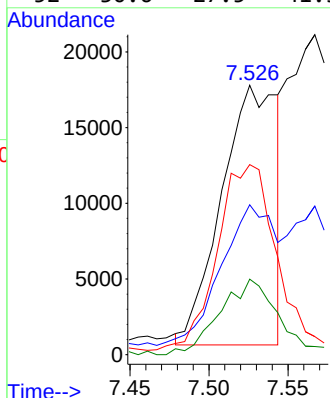
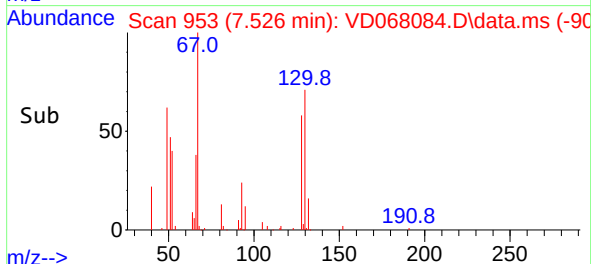


Tgt Ion: 41 Resp: 41901

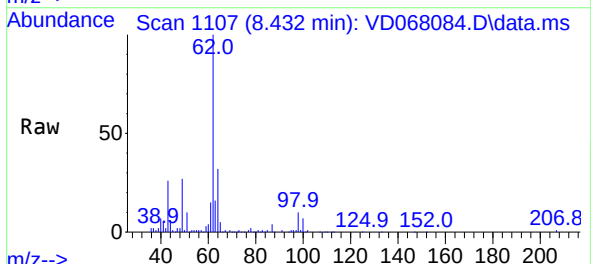
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.2	67.8
67	76.7	67.4	101.2
52	30.6	27.5	41.3

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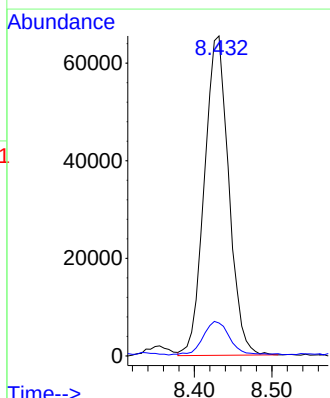
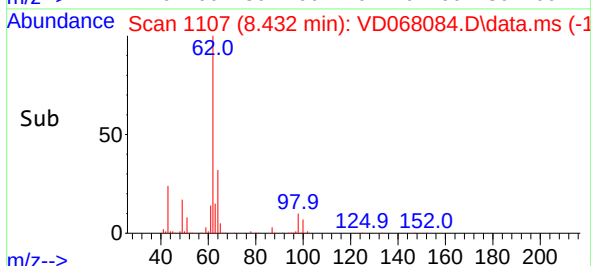


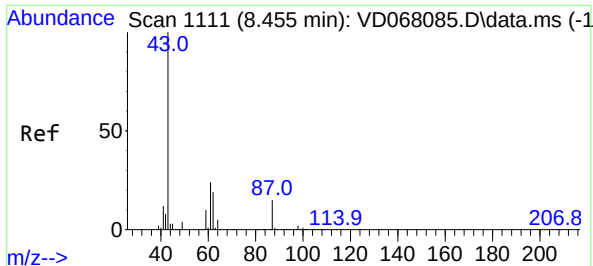
#42
1,2-Dichloroethane
Concen: 21.14 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



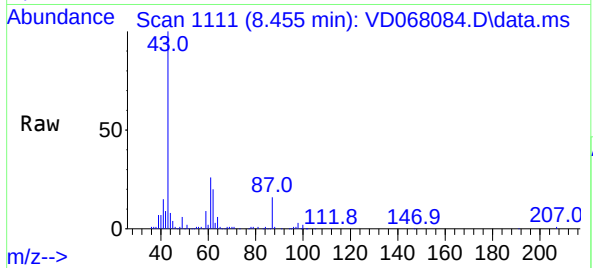
Tgt Ion: 62 Resp: 142818

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.8



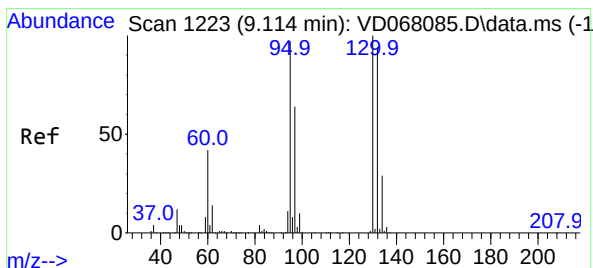
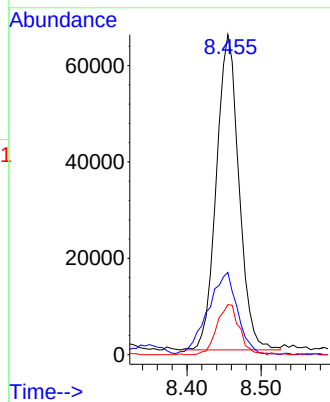
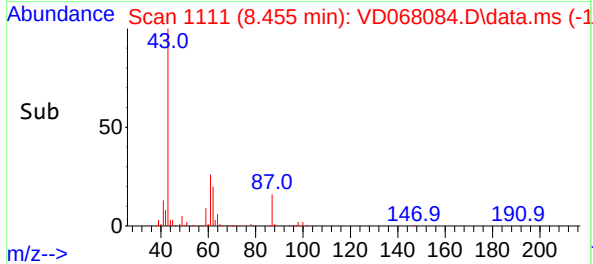


#43
Isopropyl Acetate
Concen: 26.63 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

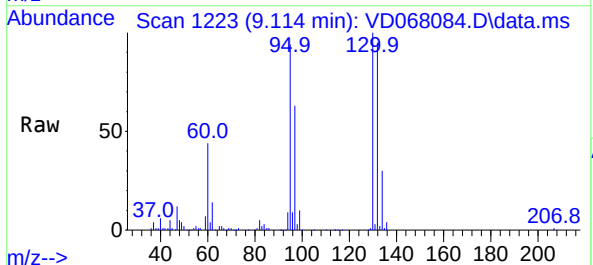


Tgt Ion: 43 Resp: 138279

Ion	Ratio	Lower	Upper
43	100		
61	34.3	28.7	43.1
87	15.8	13.9	20.9

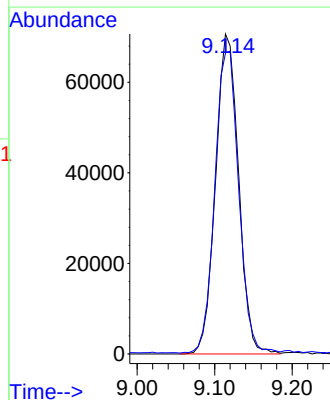
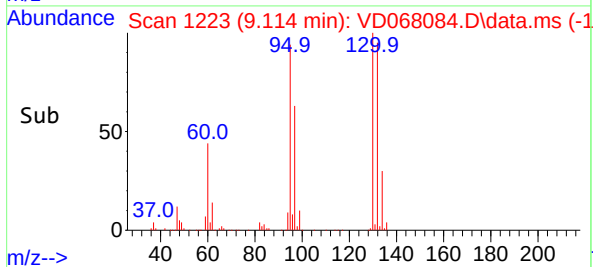


#44
Trichloroethene
Concen: 19.89 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



Tgt Ion: 130 Resp: 145712

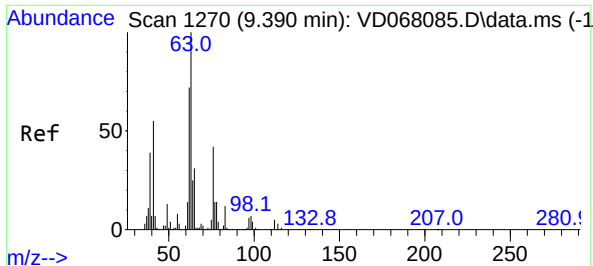
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	191.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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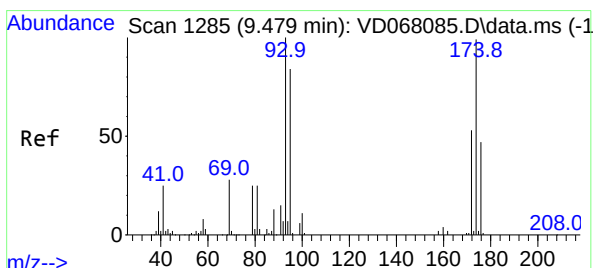
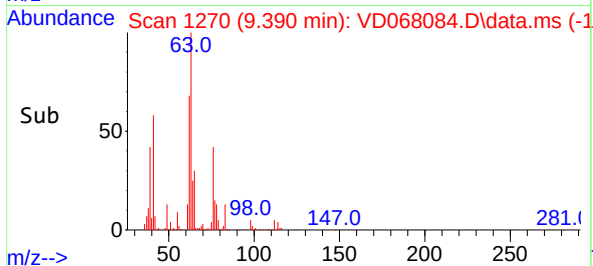
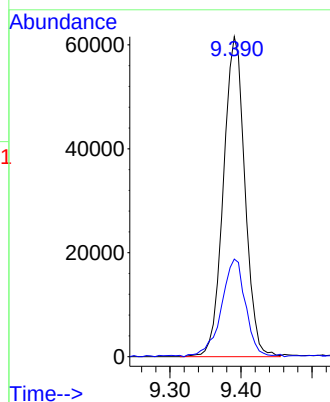
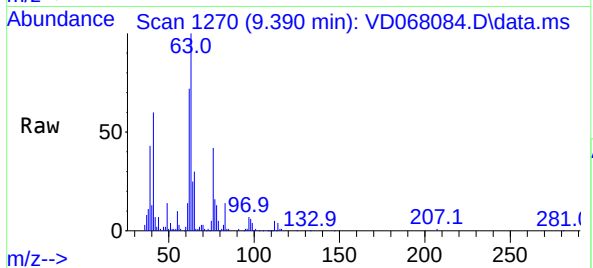
#45
1,2-Dichloropropane
Concen: 22.95 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 63 Resp: 129253
Ion Ratio Lower Upper
63 100
65 30.1 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

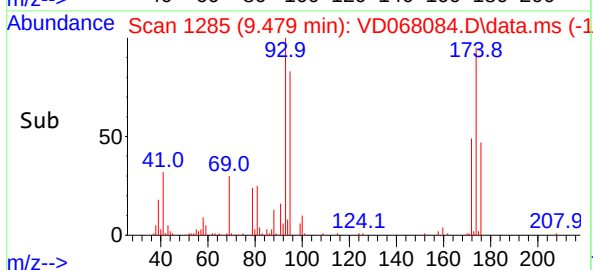
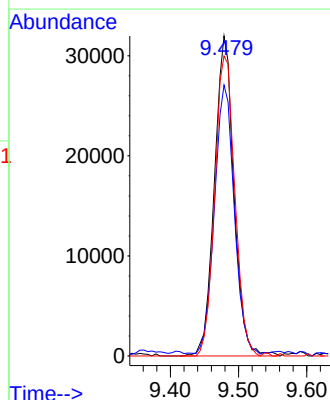
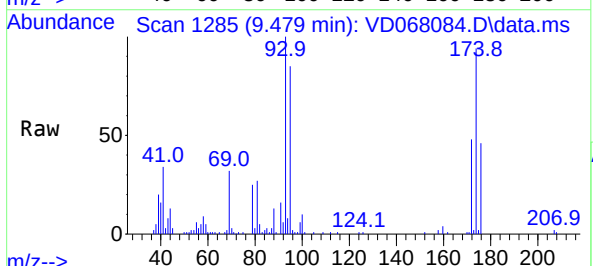
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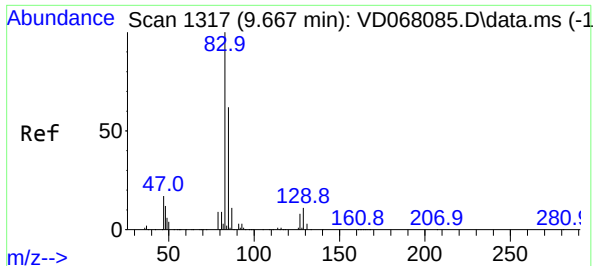
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#46
Dibromomethane
Concen: 19.75 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 93 Resp: 63698
Ion Ratio Lower Upper
93 100
95 84.3 67.3 100.9
174 96.1 84.6 127.0





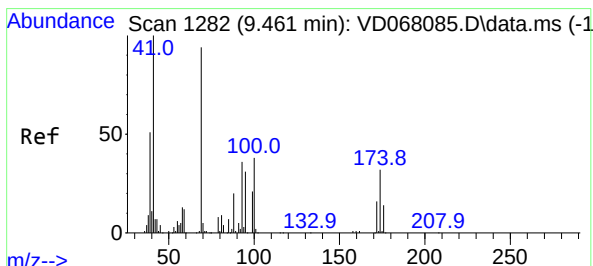
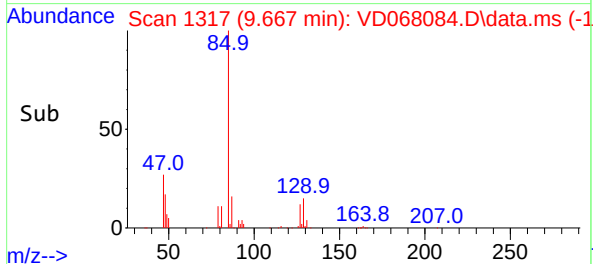
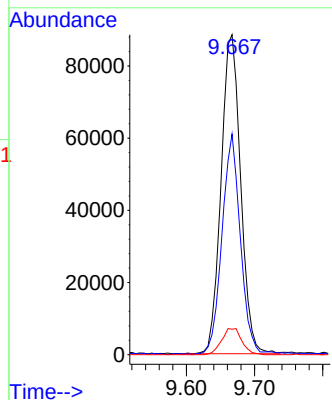
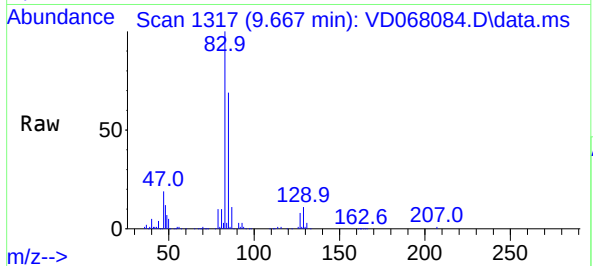
#47
Bromodichloromethane
Concen: 20.18 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 83 Resp: 176753
Ion Ratio Lower Upper
83 100
85 68.9 51.6 77.4
127 8.0 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

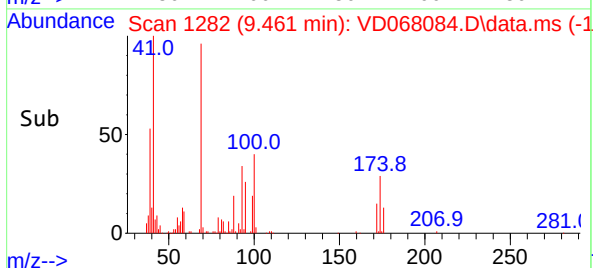
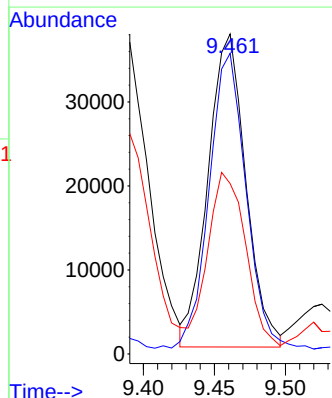
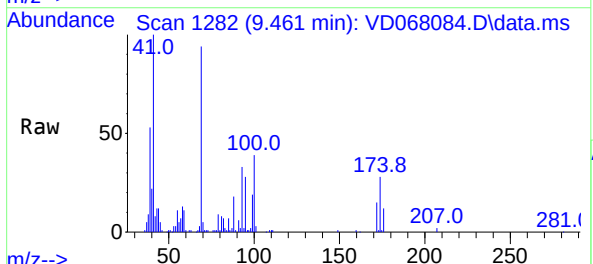
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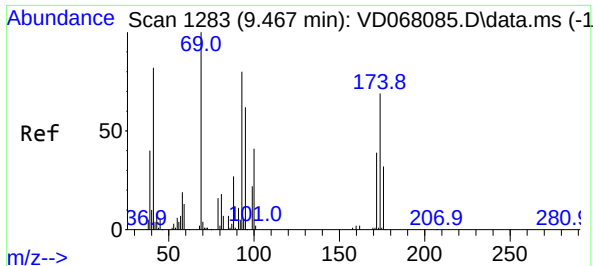
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#48
Methyl methacrylate
Concen: 25.91 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 41 Resp: 68947
Ion Ratio Lower Upper
41 100
69 92.7 77.1 115.7
39 54.2 41.5 62.3





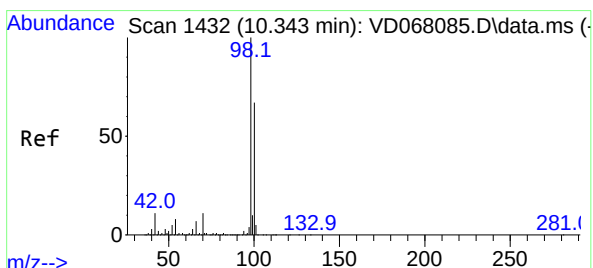
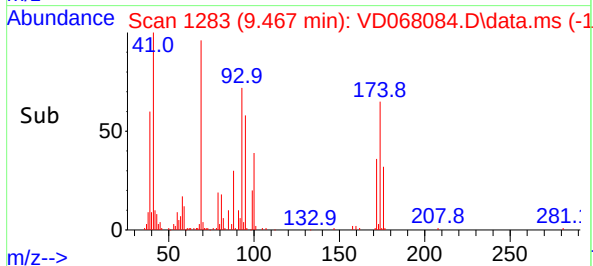
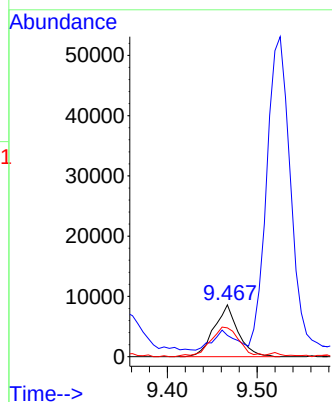
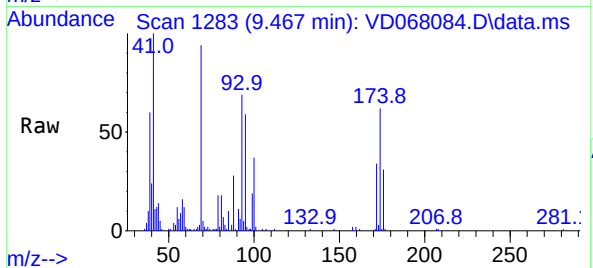
#49
1,4-Dioxane
Concen: 459.85 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 88 Resp: 15906
Ion Ratio Lower Upper
88 100
43 35.5 22.1 33.1#
58 69.0 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

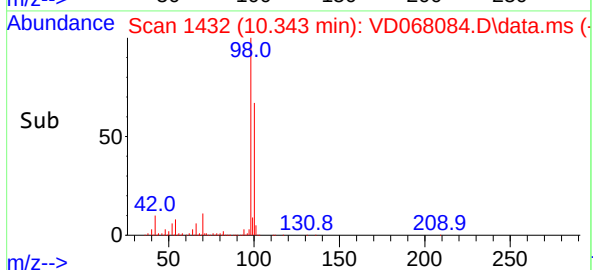
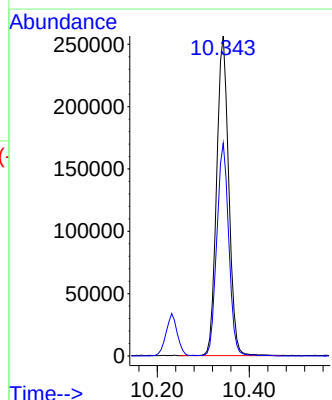
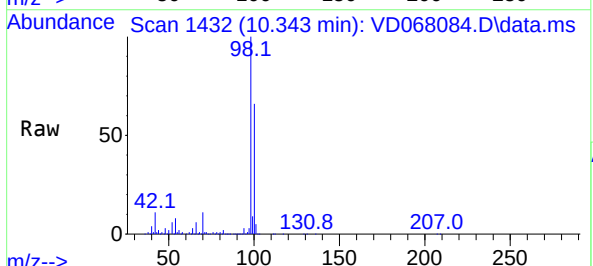
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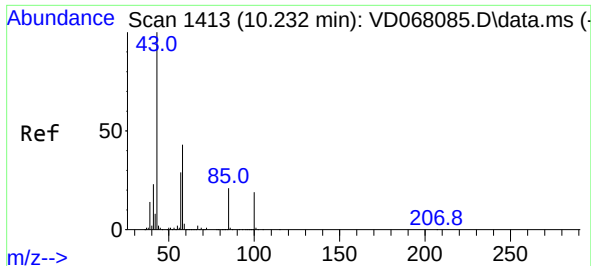
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#50
Toluene-d8
Concen: 23.10 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 98 Resp: 466108
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





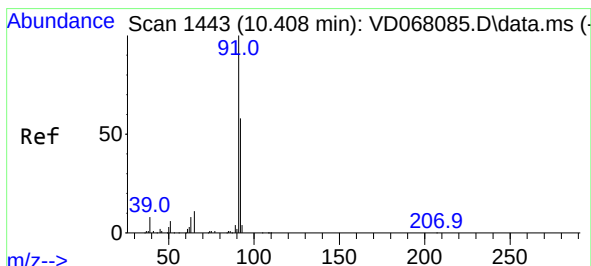
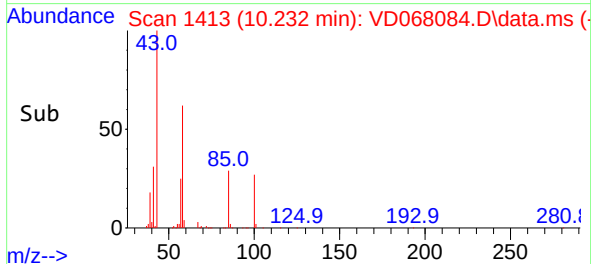
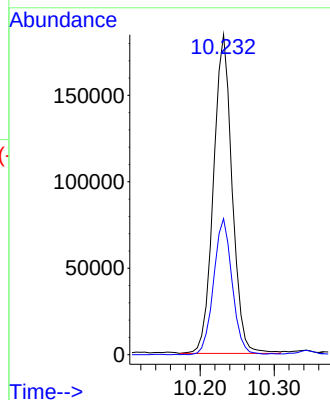
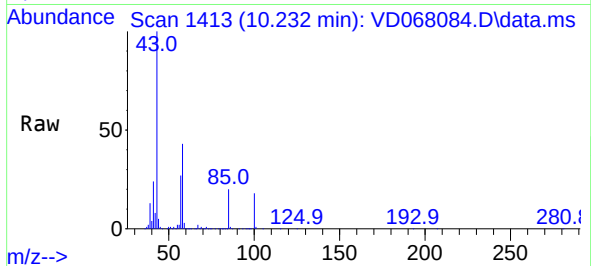
#51
4-Methyl-2-Pentanone
Concen: 126.13 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 43 Resp: 322432
Ion Ratio Lower Upper
43 100
58 42.4 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

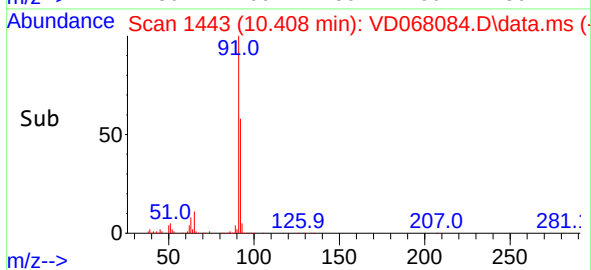
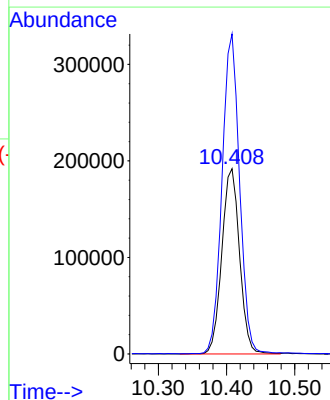
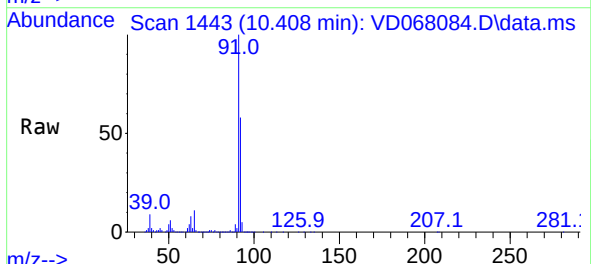
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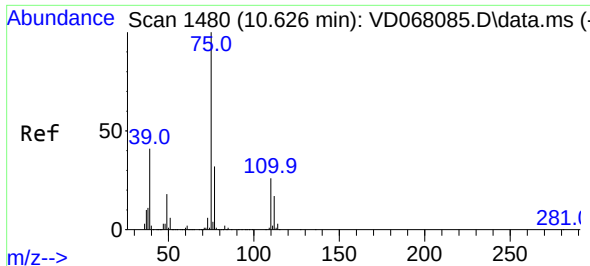
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#52
Toluene
Concen: 21.52 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 92 Resp: 347040
Ion Ratio Lower Upper
92 100
91 170.2 134.1 201.1





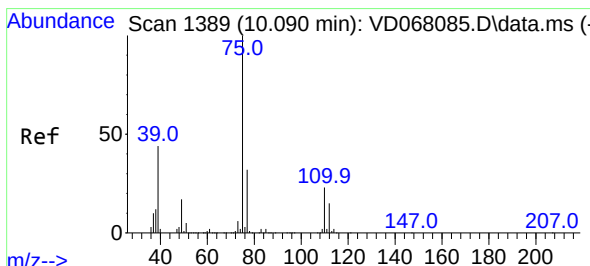
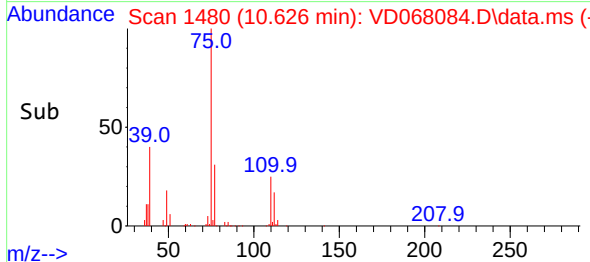
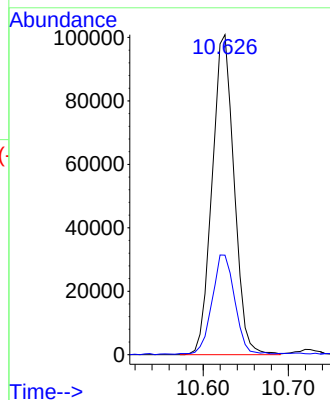
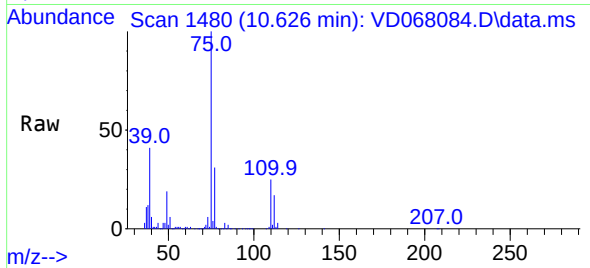
#53
 t-1,3-Dichloropropene
 Concen: 23.05 ug/l
 RT: 10.626 min Scan# 1480
 Delta R.T. -0.000 min
 Lab File: VD068084.D
 Acq: 19 Jan 2021 11:34

Tgt Ion: 75 Resp: 180300
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

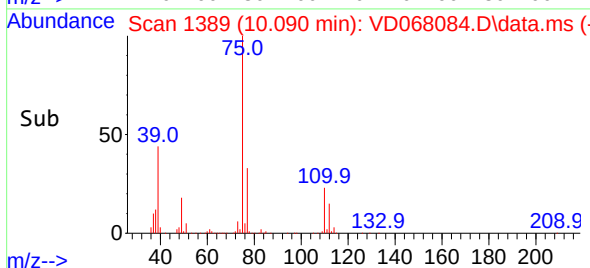
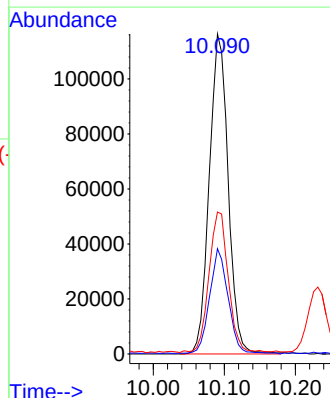
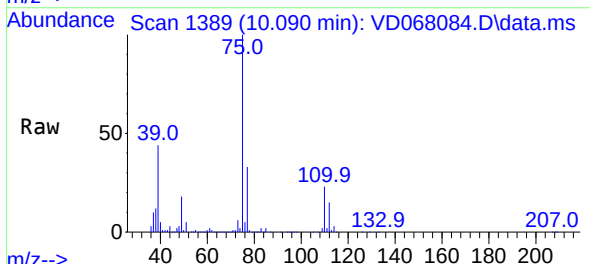
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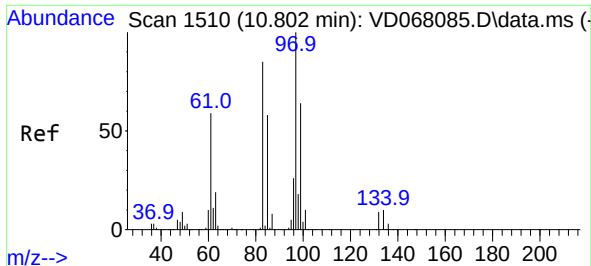
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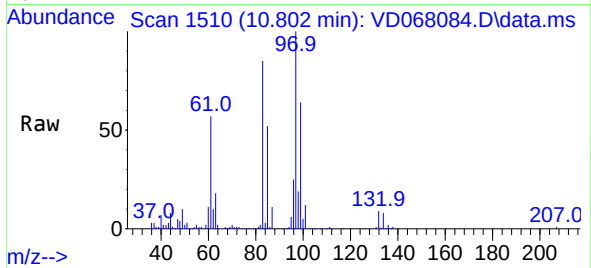
#54
 cis-1,3-Dichloropropene
 Concen: 23.05 ug/l
 RT: 10.090 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068084.D
 Acq: 19 Jan 2021 11:34

Tgt Ion: 75 Resp: 214966
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 37.0
 39 43.9 31.4 47.0

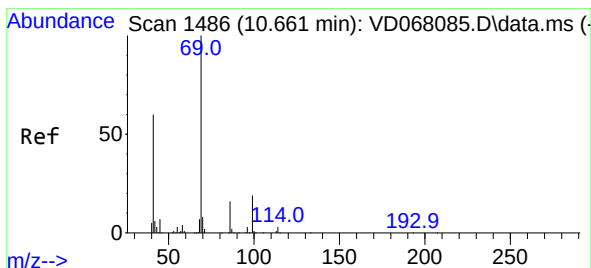
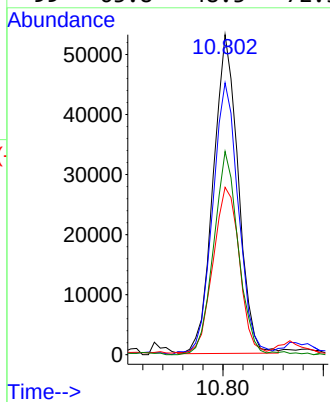
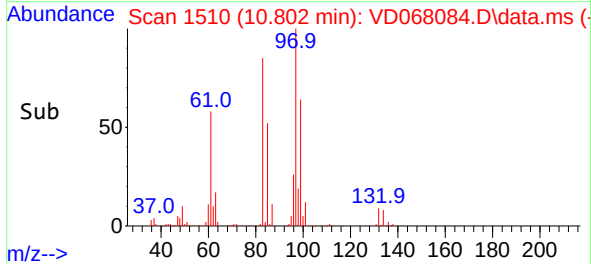




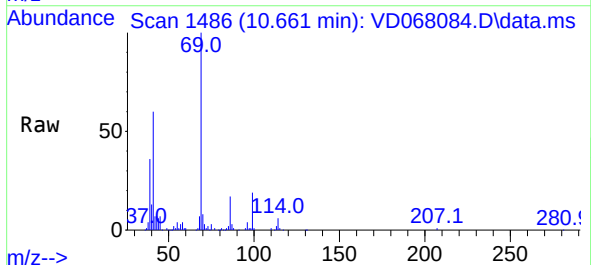
#55
1,1,2-Trichloroethane
Concen: 20.01 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



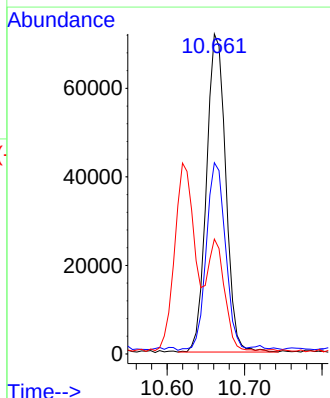
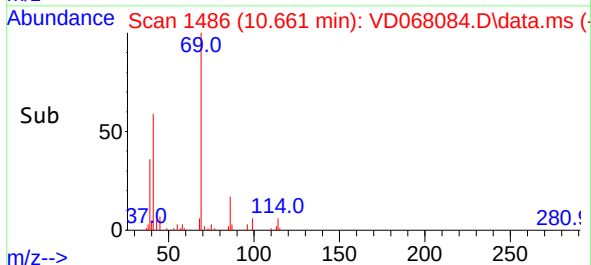
Tgt Ion:	97	Resp:	91647
Ion	Ratio	Lower	Upper
97	100		
83	84.4	61.8	92.6
85	51.8	42.2	63.2
99	63.8	48.3	72.5



#56
Ethyl methacrylate
Concen: 25.37 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



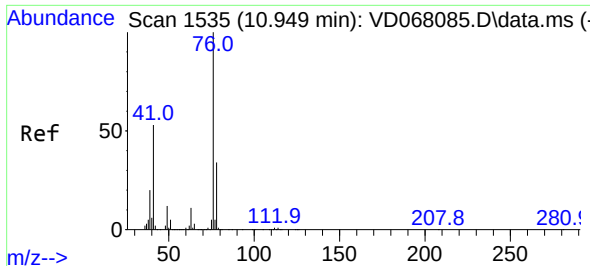
Tgt Ion:	69	Resp:	123958
Ion	Ratio	Lower	Upper
69	100		
41	58.8	44.9	67.3
39	32.0	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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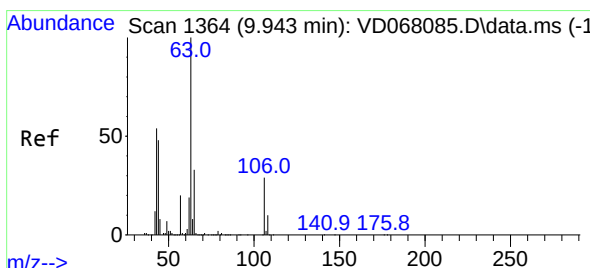
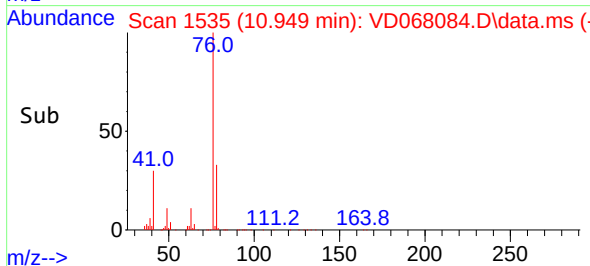
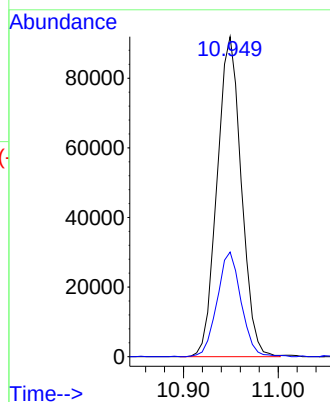
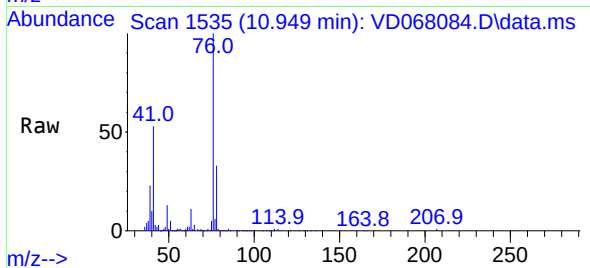
#57
1,3-Dichloropropane
Concen: 22.06 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 76 Resp: 163264
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

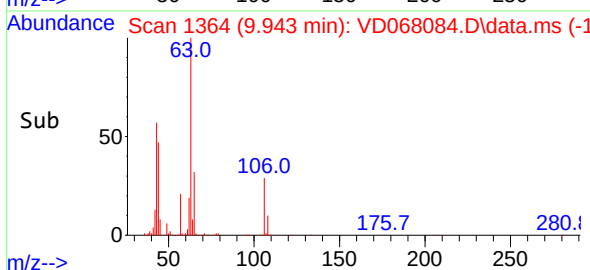
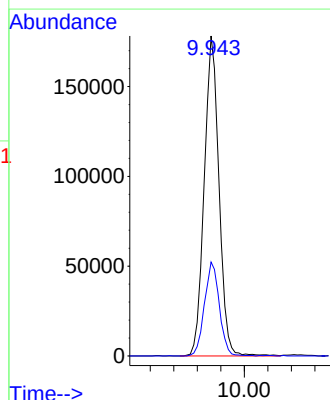
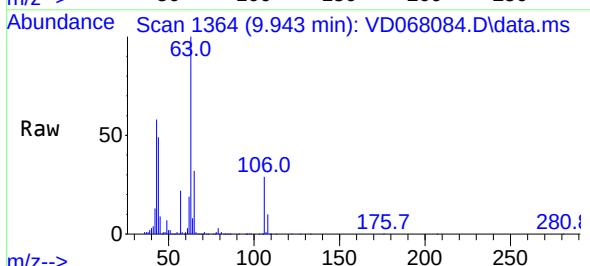
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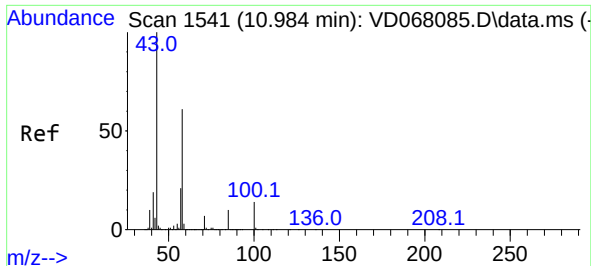
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#58
2-Chloroethyl Vinyl ether
Concen: 130.04 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 63 Resp: 310625
Ion Ratio Lower Upper
63 100
106 29.5 27.0 40.4





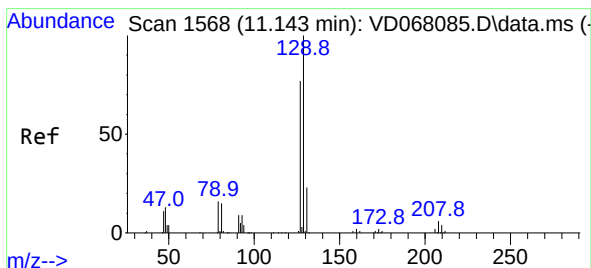
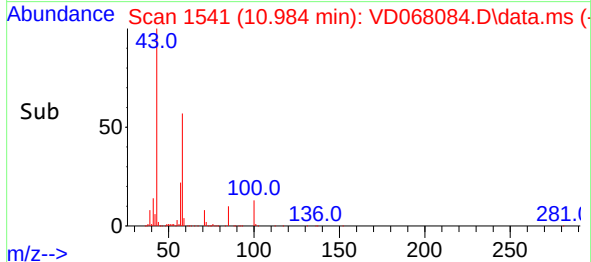
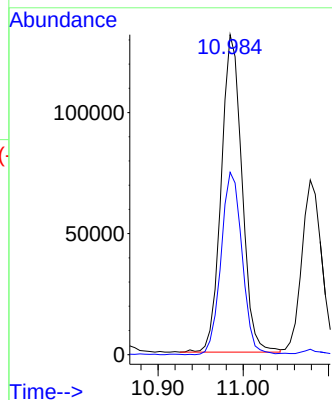
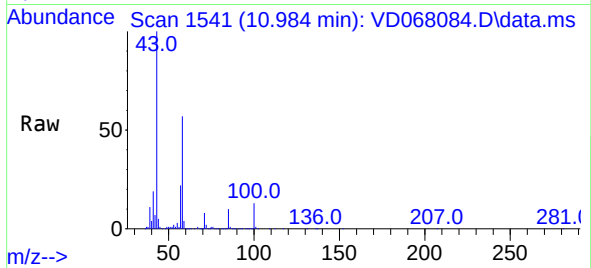
#59
2-Hexanone
Concen: 125.19 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 43 Resp: 221612
Ion Ratio Lower Upper
43 100
58 58.5 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

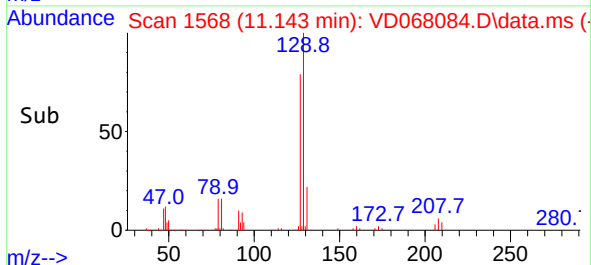
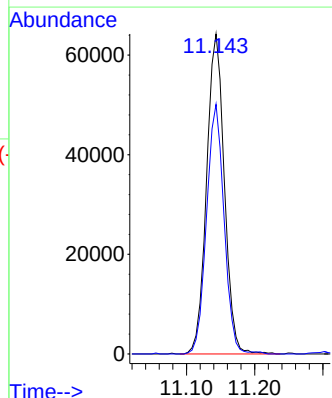
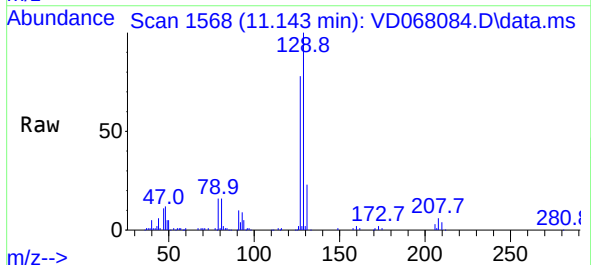
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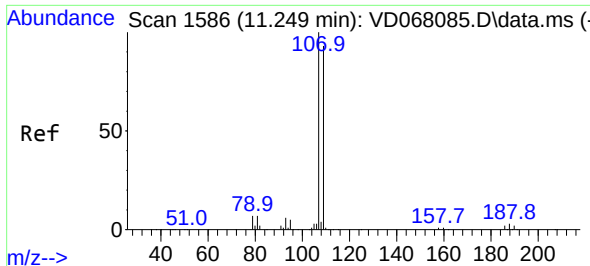
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#60
Dibromochloromethane
Concen: 18.84 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

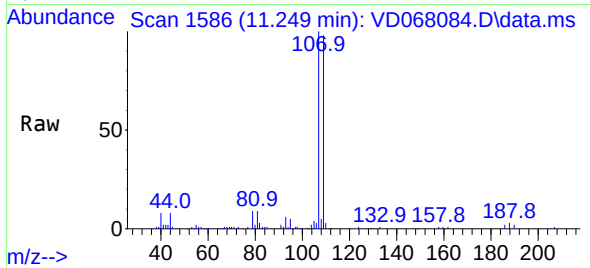
Tgt Ion: 129 Resp: 116456
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.83 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

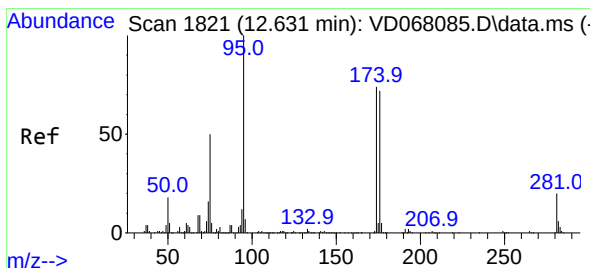
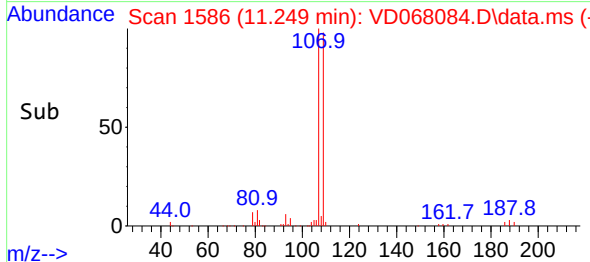
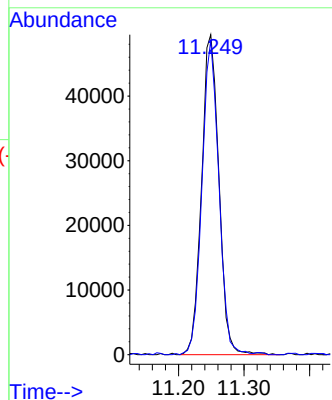
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



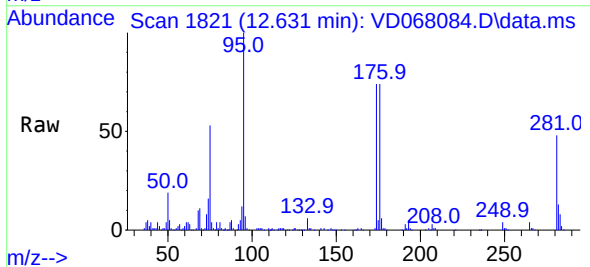
Tgt Ion:107 Resp: 91146
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2

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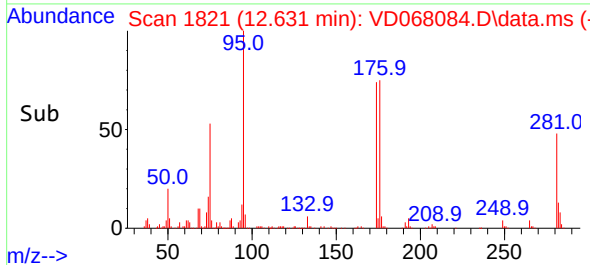
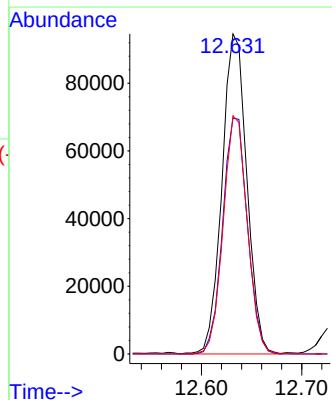
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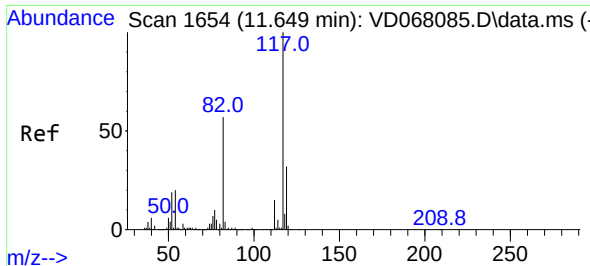


#62
4-Bromofluorobenzene
Concen: 22.79 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



Tgt Ion: 95 Resp: 162517
Ion Ratio Lower Upper
95 100
174 73.4 0.0 172.4
176 71.8 0.0 168.4





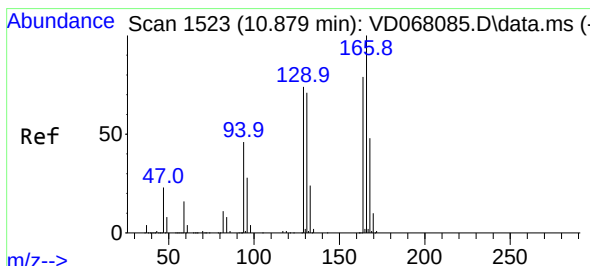
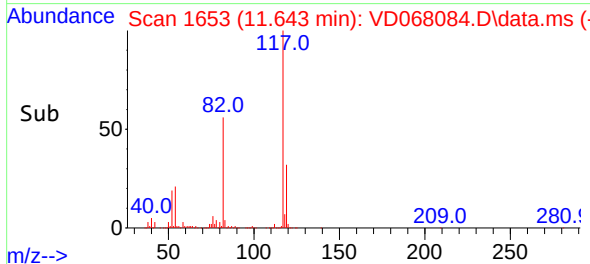
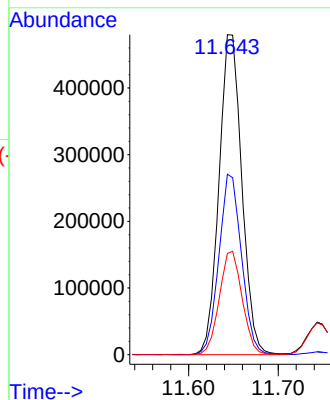
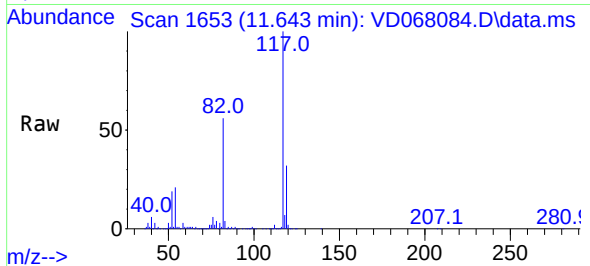
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:117 Resp: 849038
Ion Ratio Lower Upper
117 100
82 56.3 41.4 62.0
119 31.6 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

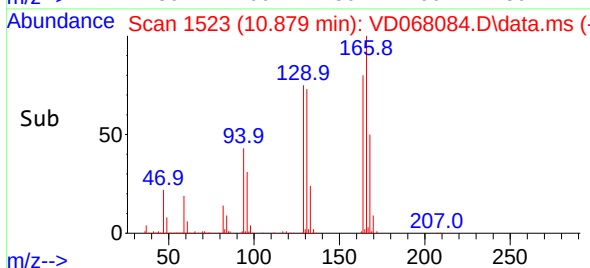
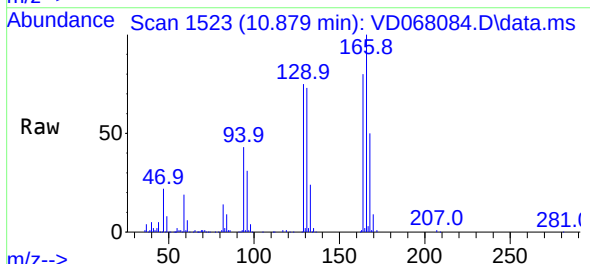
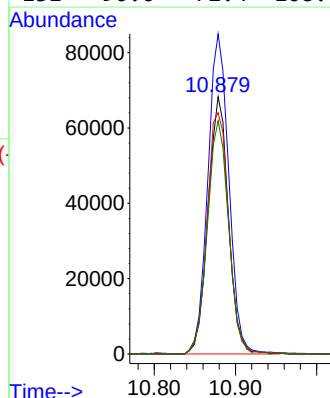
Manual Integrations
APPROVED

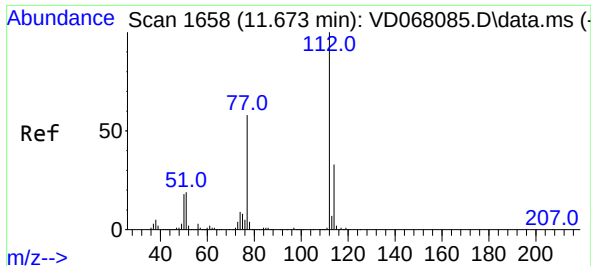
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#64
Tetrachloroethene
Concen: 19.77 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:164 Resp: 119639
Ion Ratio Lower Upper
164 100
166 124.3 105.5 158.3
129 93.8 75.6 113.4
131 90.6 72.4 108.6





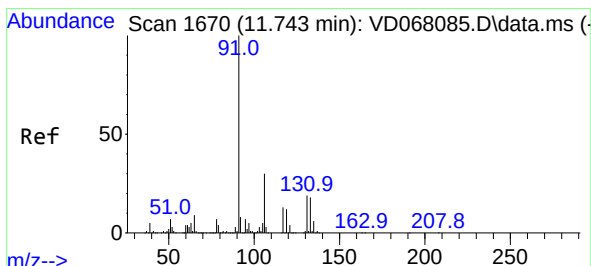
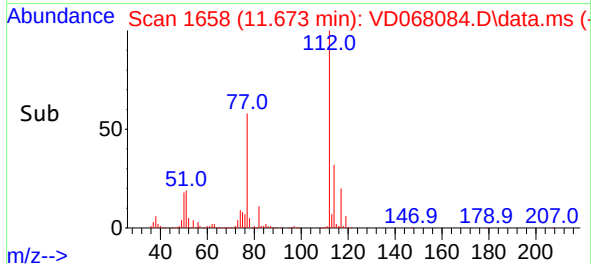
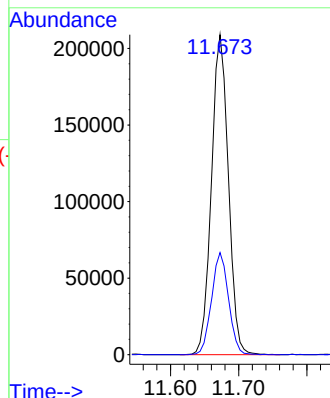
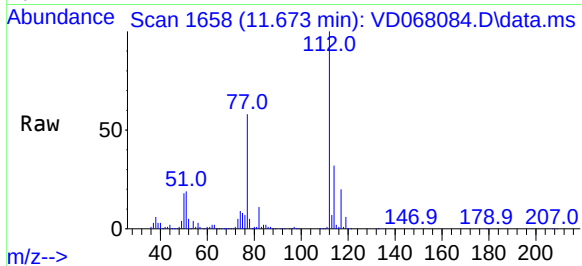
#65
Chlorobenzene
Concen: 21.29 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 361176
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

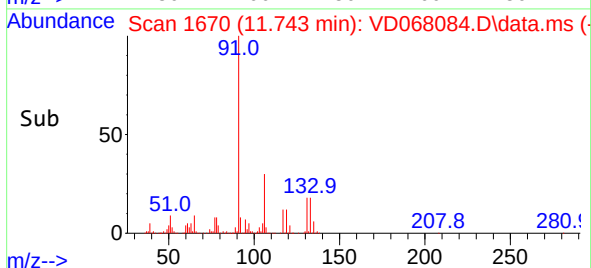
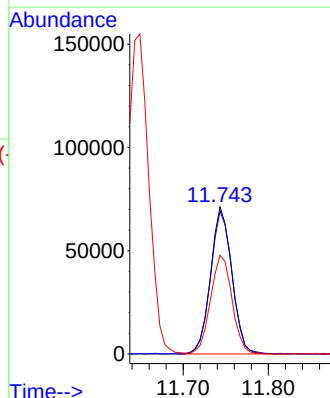
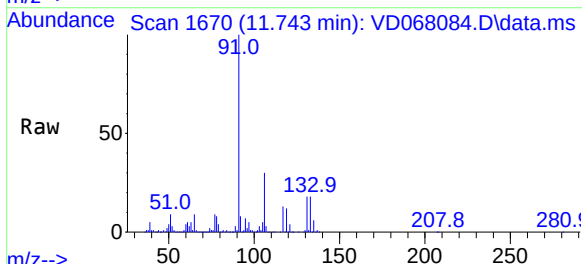
Manual Integrations
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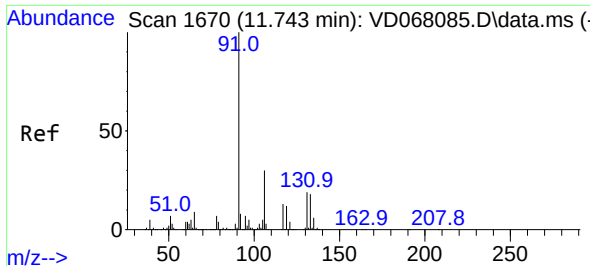
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.34 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:131 Resp: 123424
Ion Ratio Lower Upper
131 100
133 99.0 48.1 144.4
119 67.9 31.6 94.8





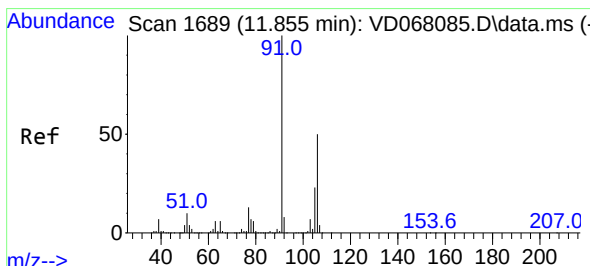
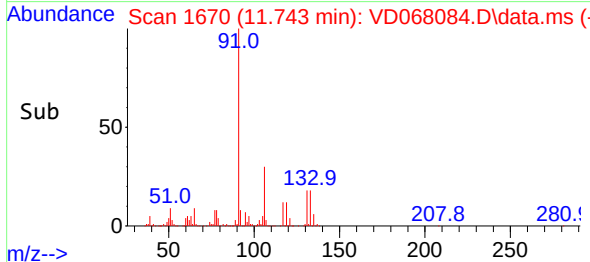
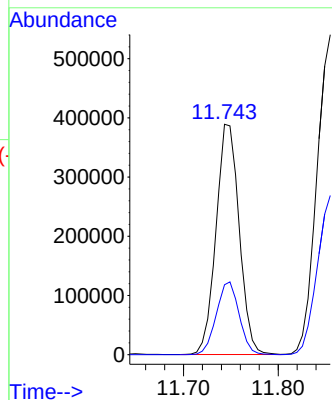
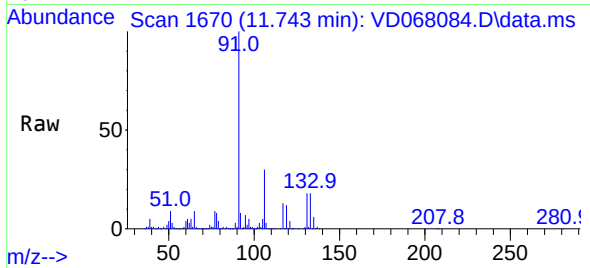
#67
Ethyl Benzene
Concen: 22.39 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 91 Resp: 662038
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

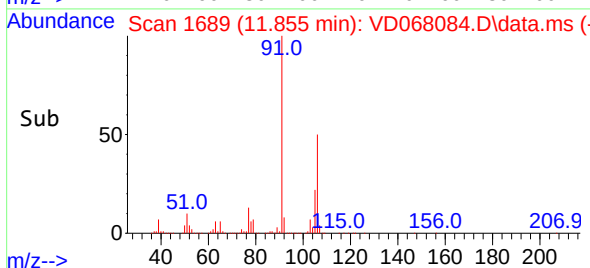
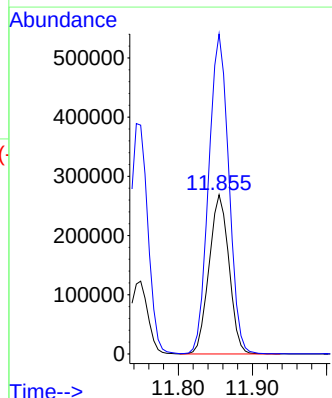
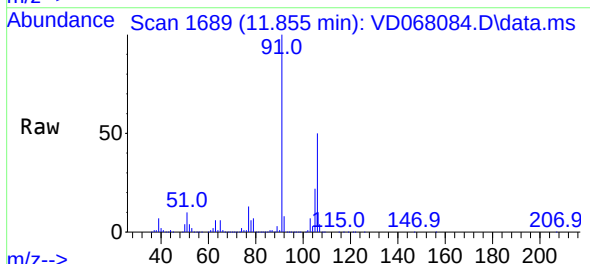
Manual Integrations
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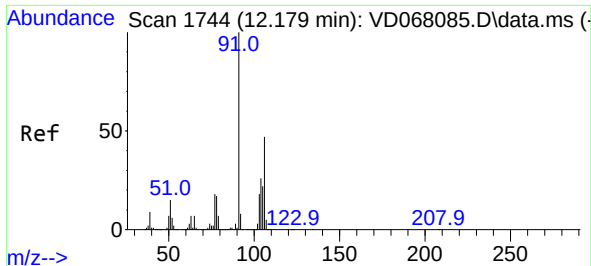
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#68
m/p-Xylenes
Concen: 43.68 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 106 Resp: 501179
Ion Ratio Lower Upper
106 100
91 203.0 159.1 238.7





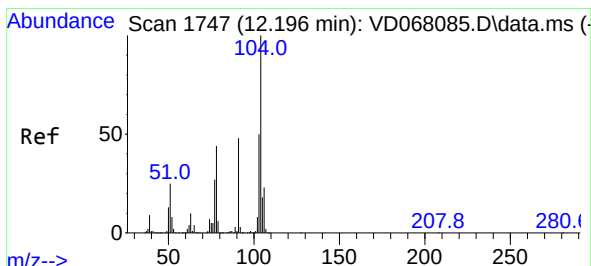
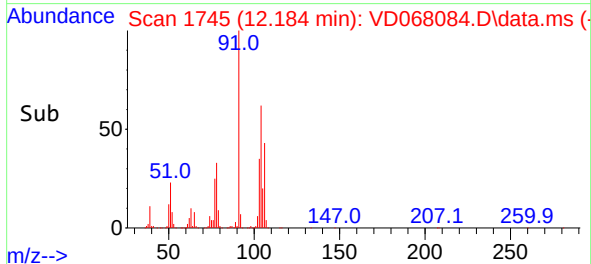
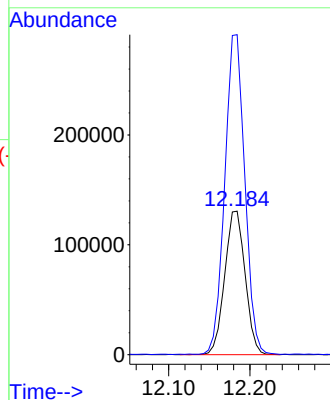
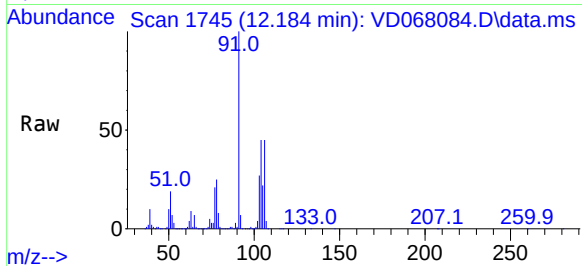
#69
o-Xylene
Concen: 21.84 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:106 Resp: 228583
Ion Ratio Lower Upper
106 100
91 218.8 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

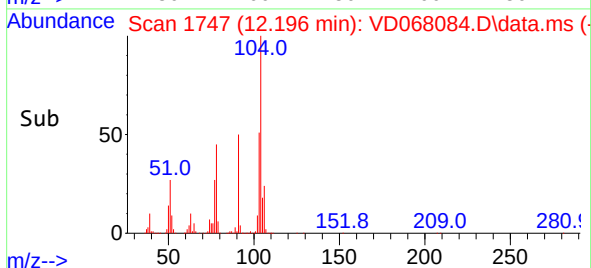
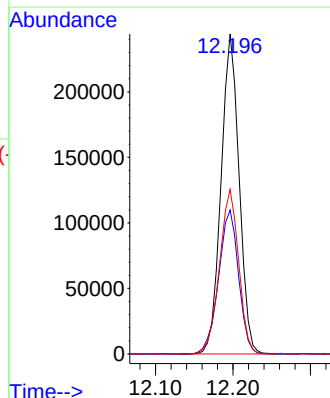
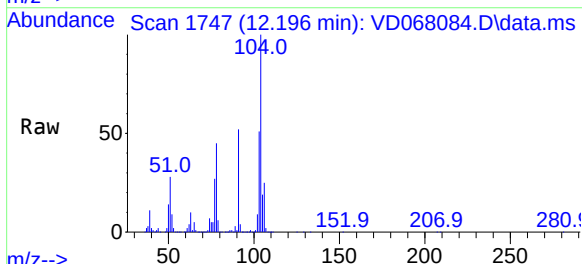
Manual Integrations
APPROVED

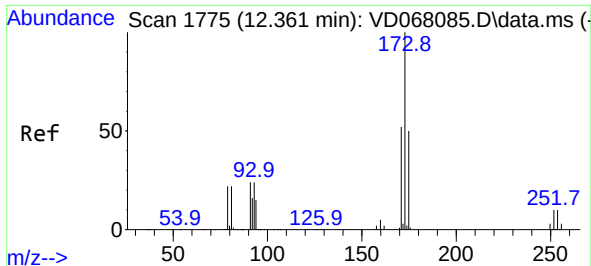
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#70
Styrene
Concen: 22.03 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:104 Resp: 396427
Ion Ratio Lower Upper
104 100
78 49.7 38.2 57.2
103 54.6 43.1 64.7





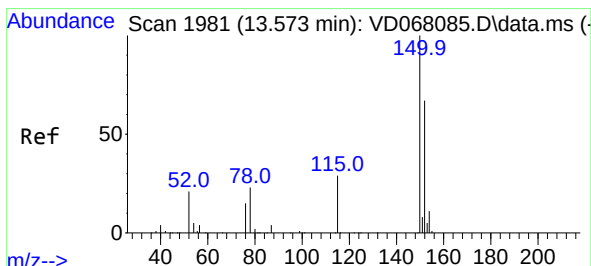
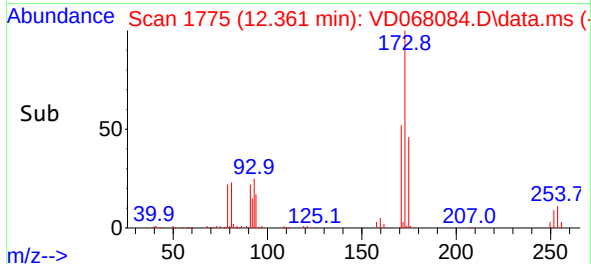
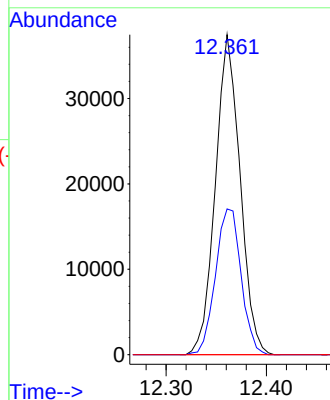
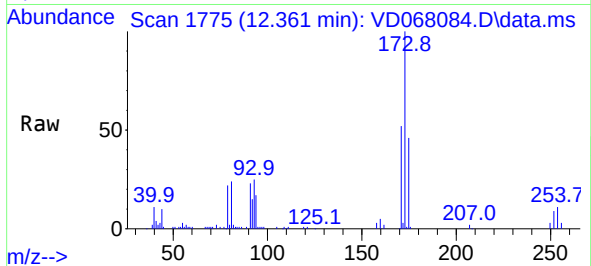
#71
Bromoform
Concen: 18.98 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:	173	Resp:	64063
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
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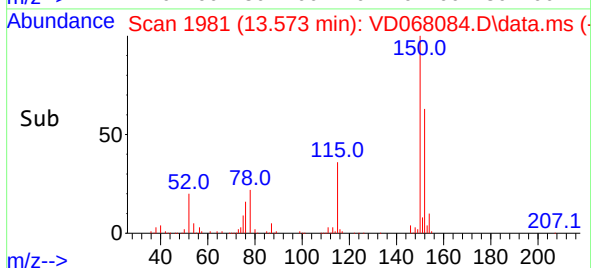
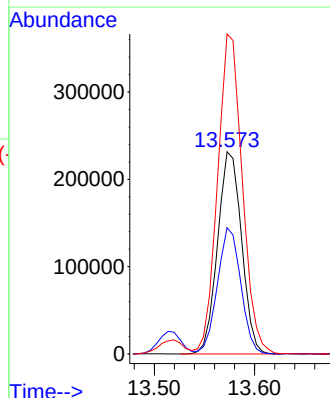
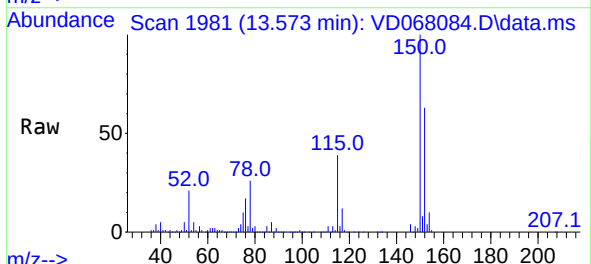
Manual Integrations
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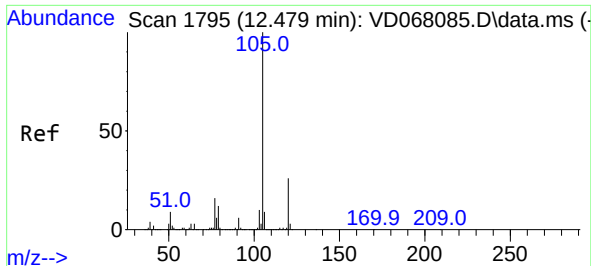
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:	152	Resp:	385132
Ion Ratio	Lower	Upper	
152	100		
115	60.9	28.9	86.8
150	163.2	0.0	344.4





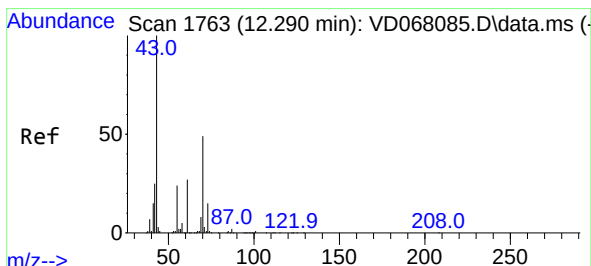
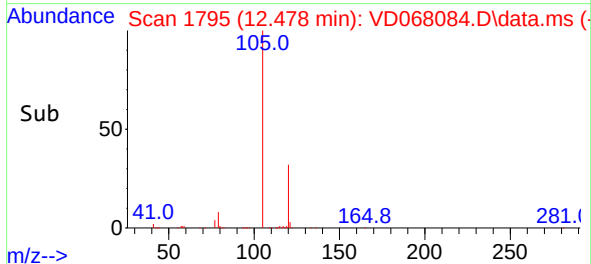
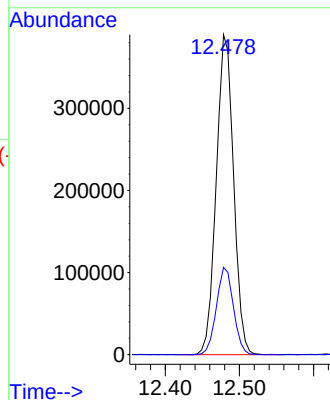
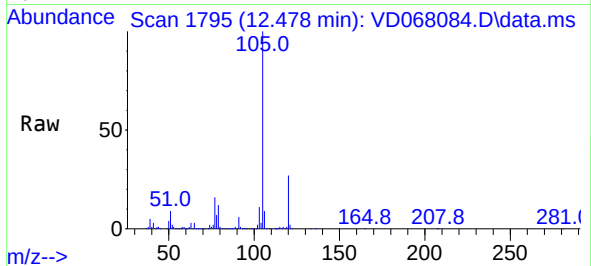
#73
Isopropylbenzene
Concen: 23.36 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 105 Resp: 631942
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

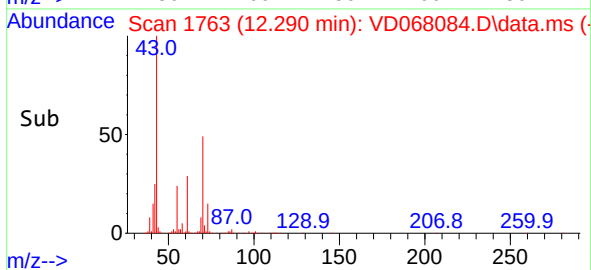
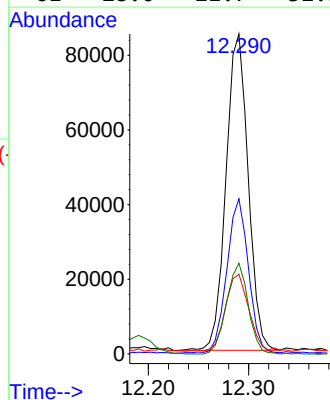
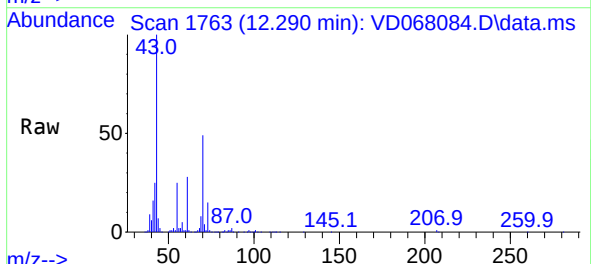
Manual Integrations
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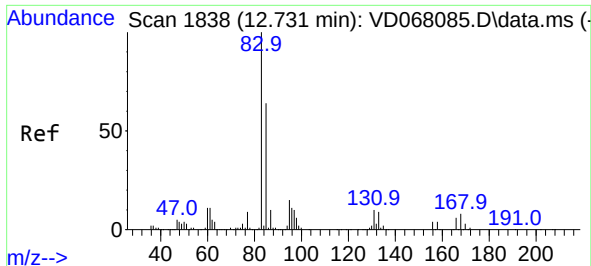
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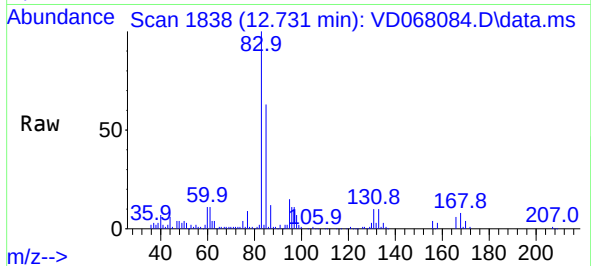
#74
N-ethyl acetate
Concen: 28.99 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 43 Resp: 130129
Ion Ratio Lower Upper
43 100
70 47.8 41.8 62.8
55 26.1 24.2 36.4
61 28.0 21.7 32.5

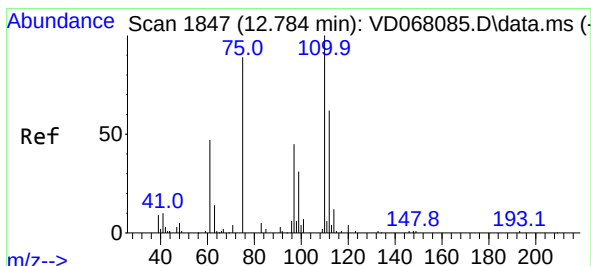
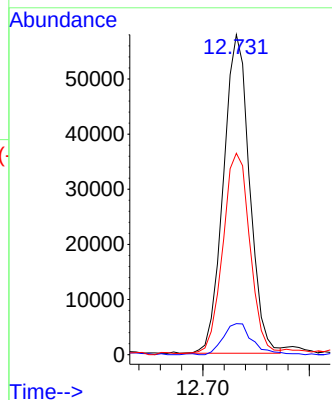
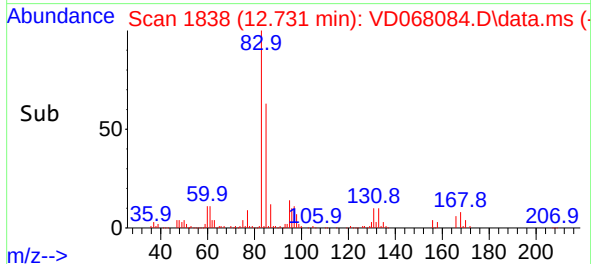




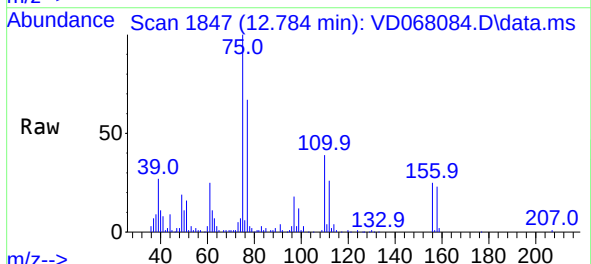
#75
1,1,2,2-Tetrachloroethane
Concen: 22.89 ug/l
RT: 12.731 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



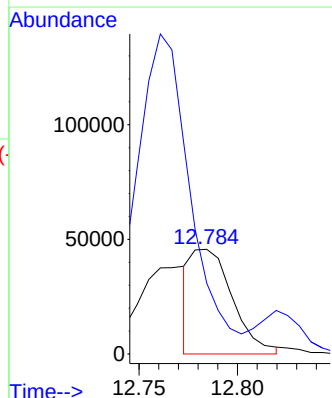
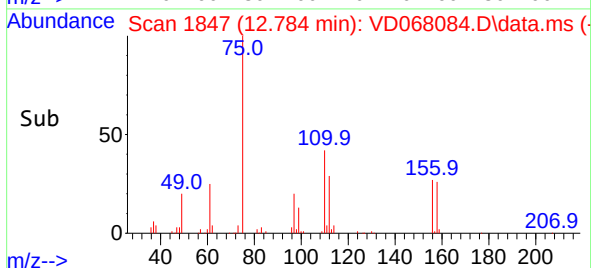
Tgt Ion: 83 Resp: 98463
Ion Ratio Lower Upper
83 100
131 10.9 5.8 17.4
85 64.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 21.89 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



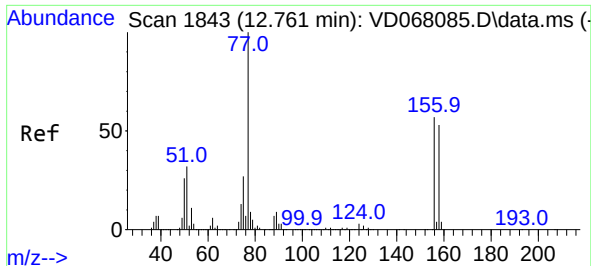
Tgt Ion: 75 Resp: 66556
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



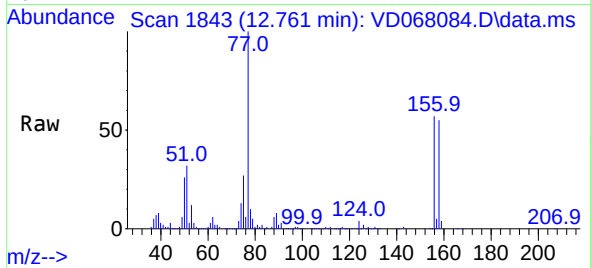
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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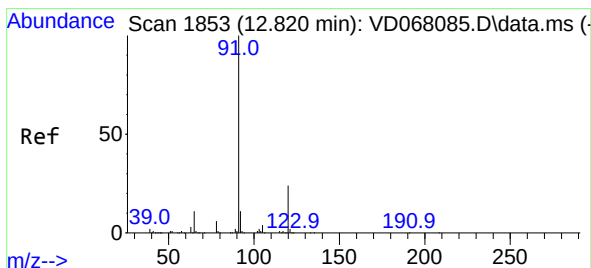
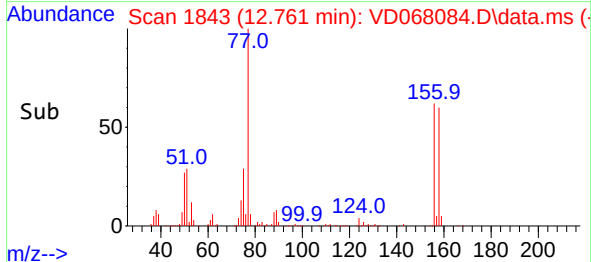
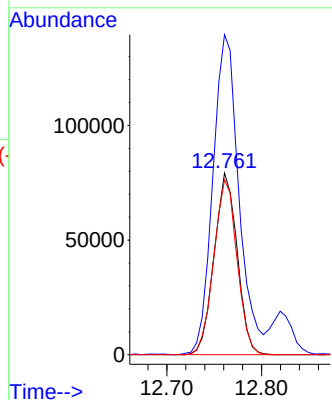
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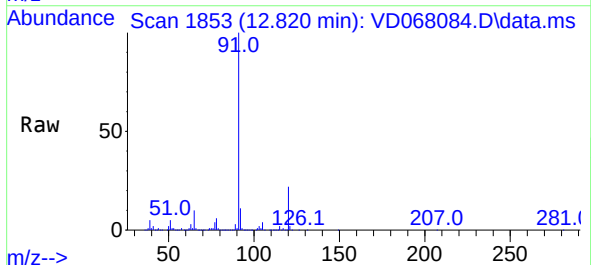
#77
Bromobenzene
Concen: 20.83 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



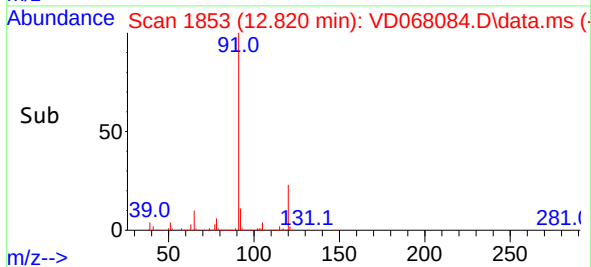
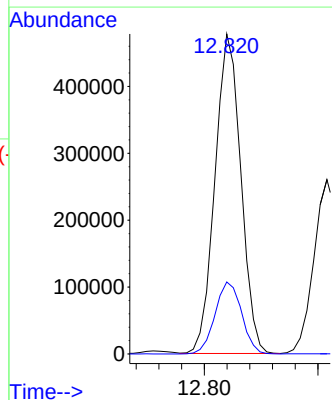
Tgt Ion:156 Resp: 133957
Ion Ratio Lower Upper
156 100
77 198.8 82.8 248.3
158 97.1 48.0 144.0



#78
n-propylbenzene
Concen: 23.75 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



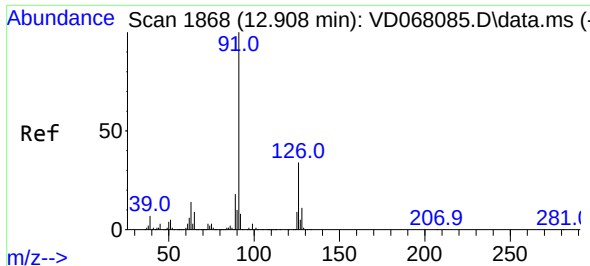
Tgt Ion: 91 Resp: 755470
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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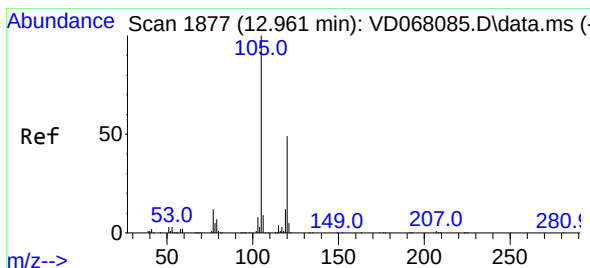
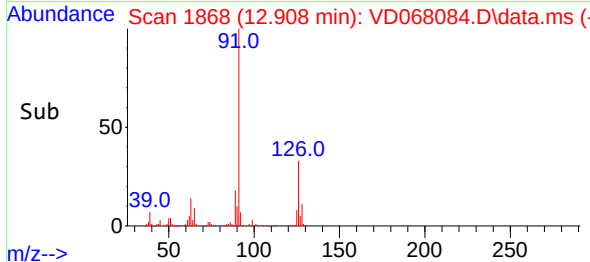
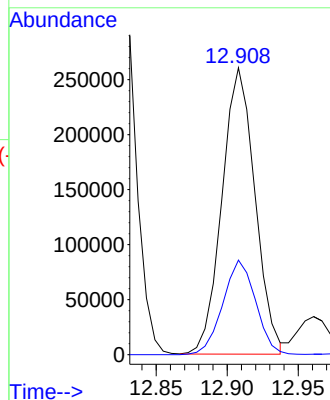
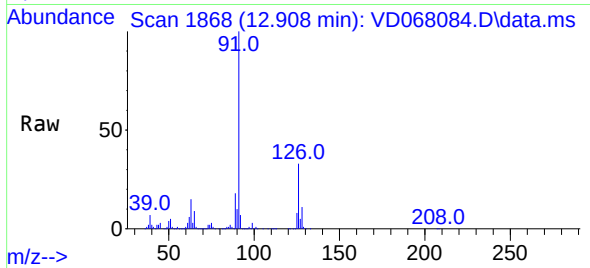
#79
2-Chlorotoluene
Concen: 23.30 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 91 Resp: 420917
Ion Ratio Lower Upper
91 100
126 32.9 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

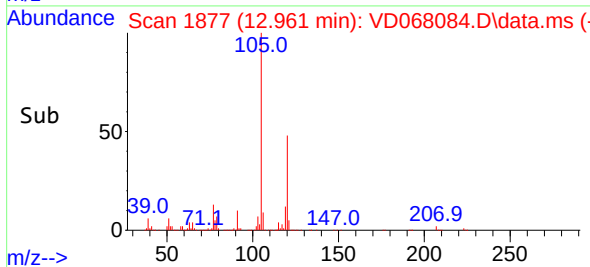
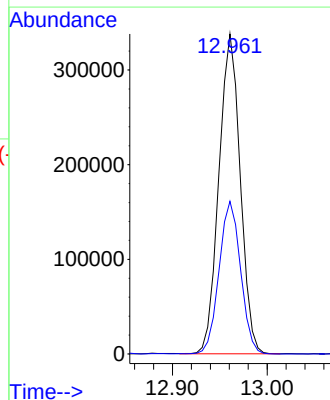
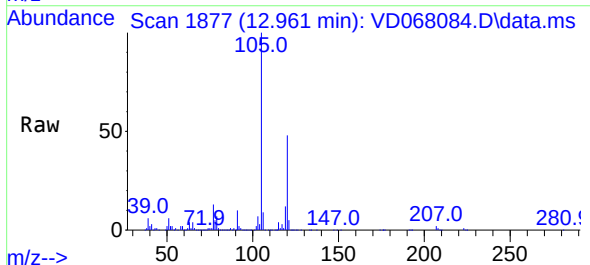
Manual Integrations
APPROVED

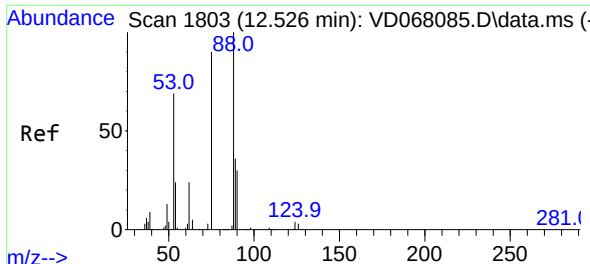
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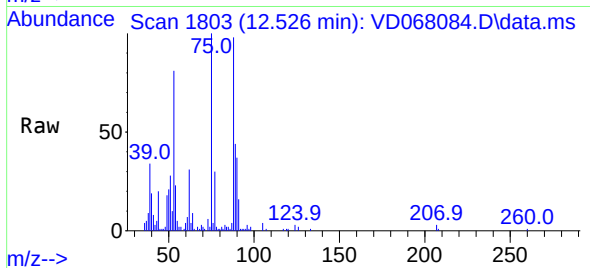
#80
1,3,5-Trimethylbenzene
Concen: 22.91 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 105 Resp: 529402
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6

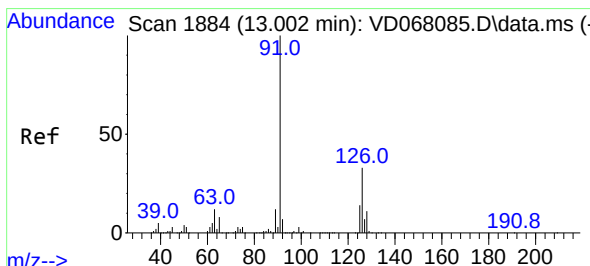
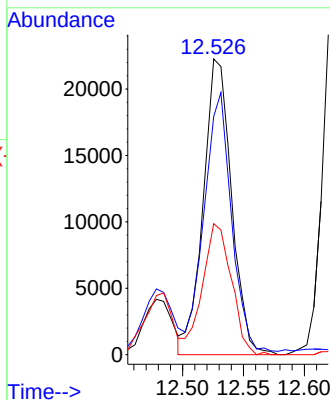
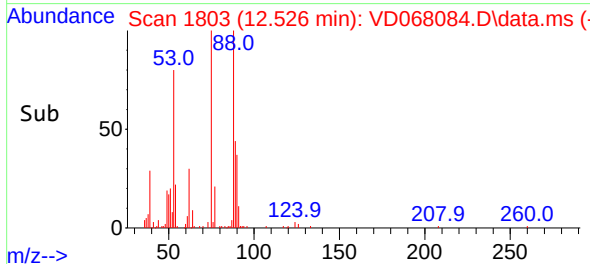




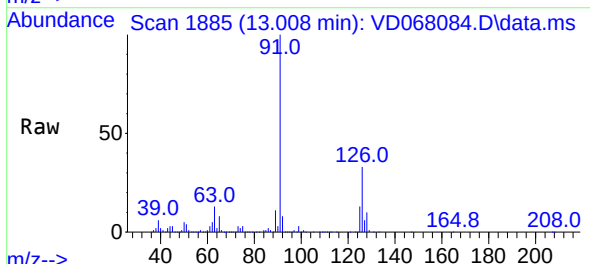
#81
trans-1,4-Dichloro-2-butene
Concen: 25.04 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



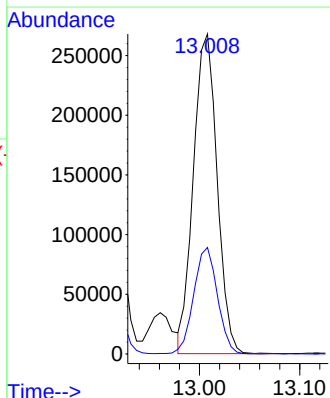
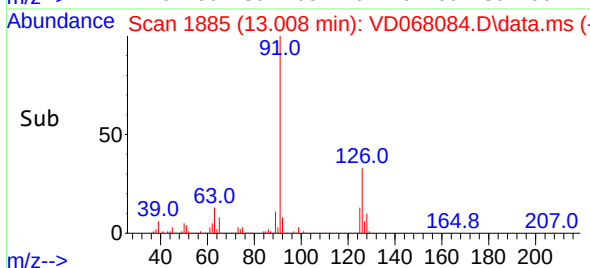
Tgt Ion: 75 Resp: 36046
Ion Ratio Lower Upper
75 100
53 84.0 70.2 105.2
89 44.5 40.3 60.5



#82
4-Chlorotoluene
Concen: 22.99 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



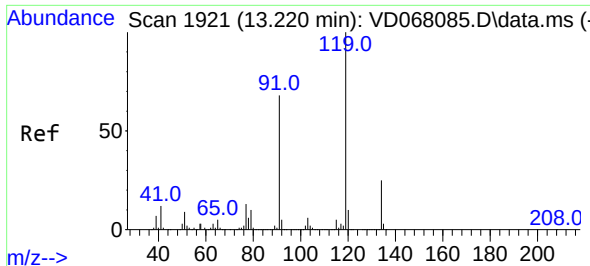
Tgt Ion: 91 Resp: 440620
Ion Ratio Lower Upper
91 100
126 33.4 17.7 53.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

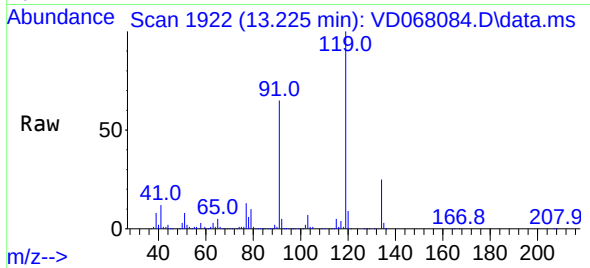
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#83
tert-Butylbenzene
Concen: 22.77 ug/l
RT: 13.225 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

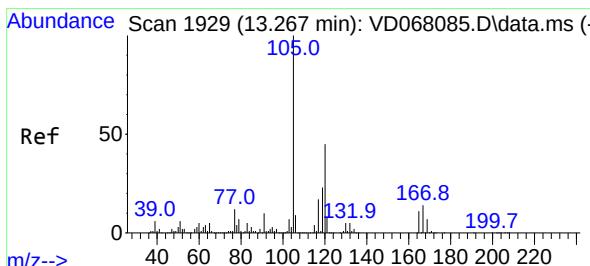
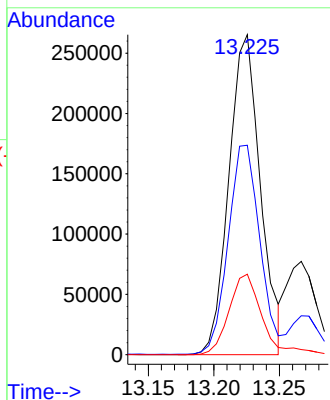
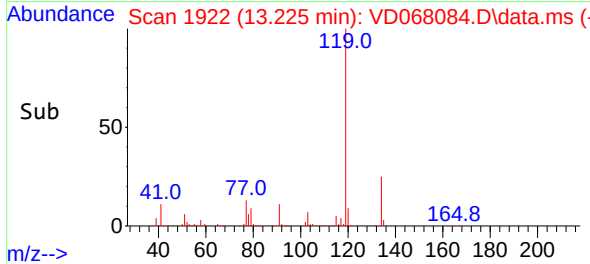
Instrument :
MSVOA_D
ClientSampled :
VSTDIC020



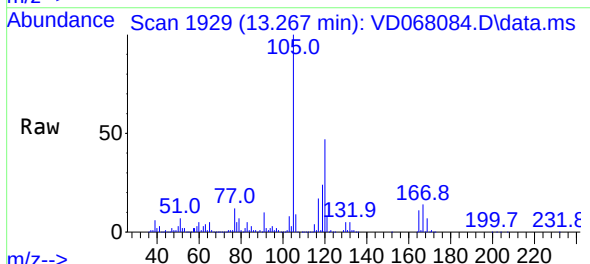
Tgt Ion:119 Resp: 443978
Ion Ratio Lower Upper
119 100
91 65.6 31.1 93.5
134 26.3 13.3 39.8

Manual Integrations
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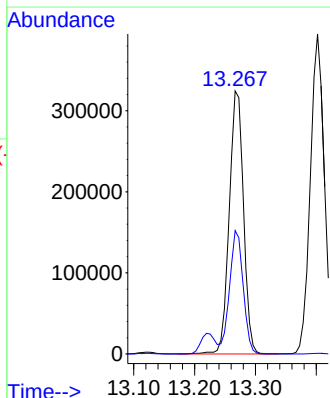
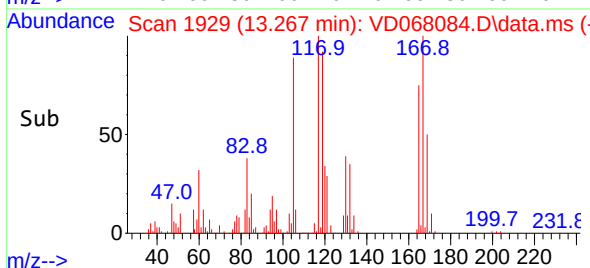
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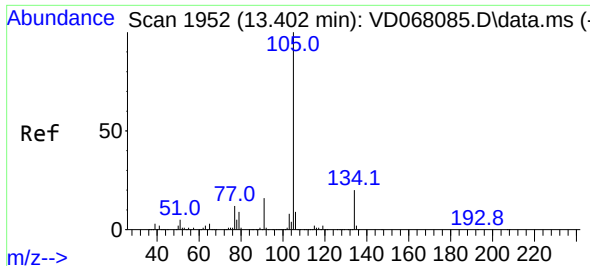


#84
1,2,4-Trimethylbenzene
Concen: 23.33 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



Tgt Ion:105 Resp: 528646
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0





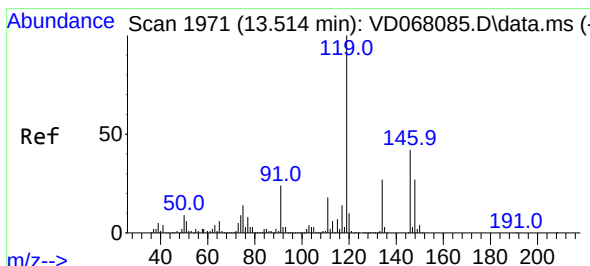
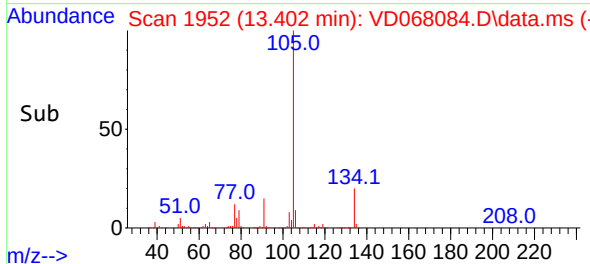
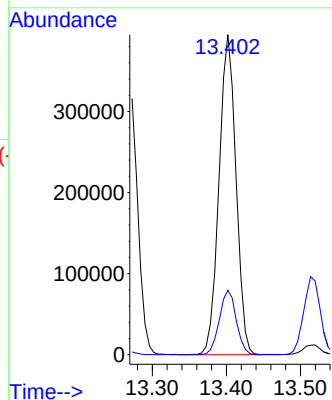
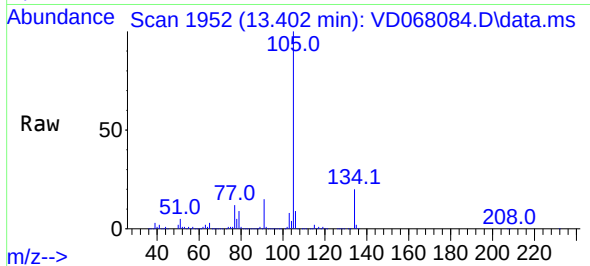
#85
sec-Butylbenzene
Concen: 22.96 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:105 Resp: 627227
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.9

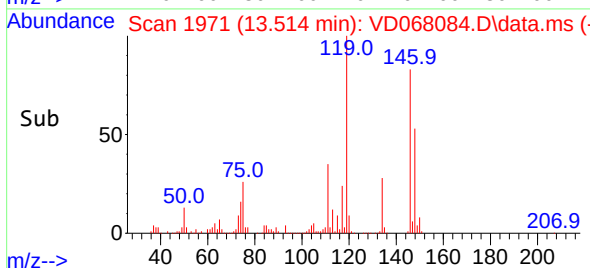
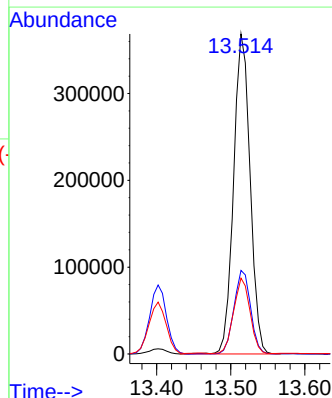
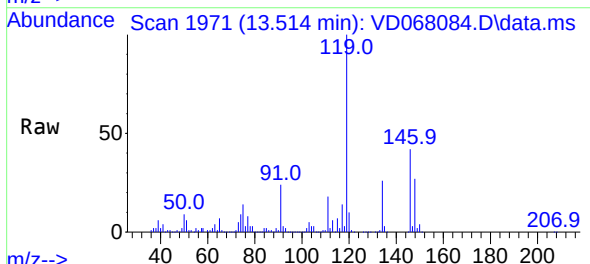
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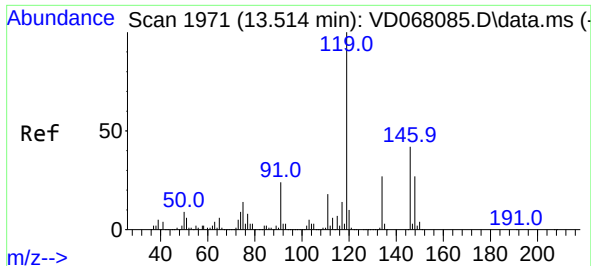
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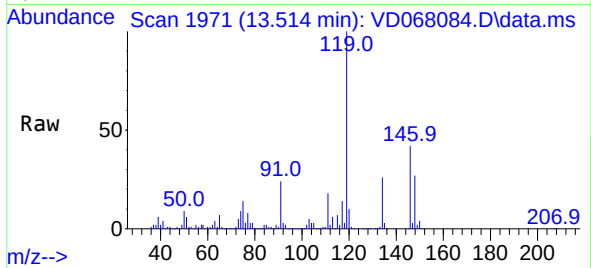
#86
p-Isopropyltoluene
Concen: 22.57 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:119 Resp: 570188
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.7
91 23.3 11.7 35.0

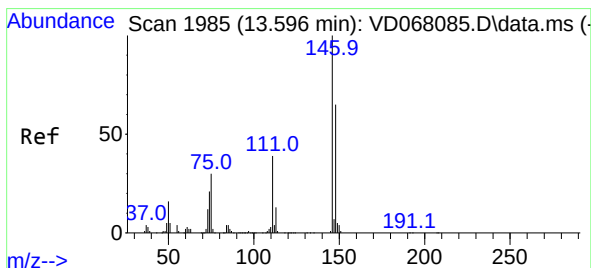
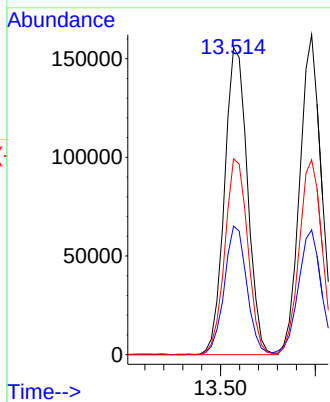
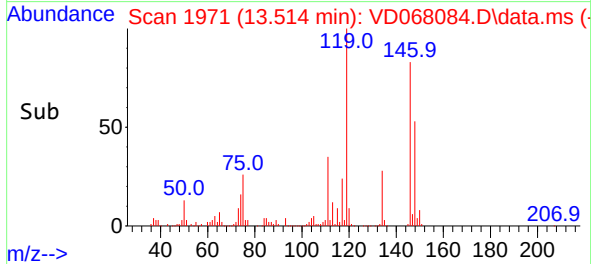




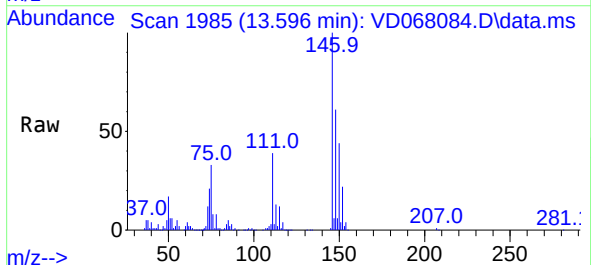
#87
1,3-Dichlorobenzene
Concen: 21.11 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



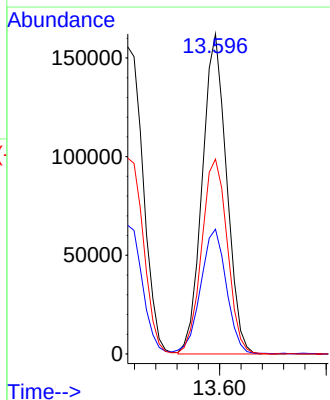
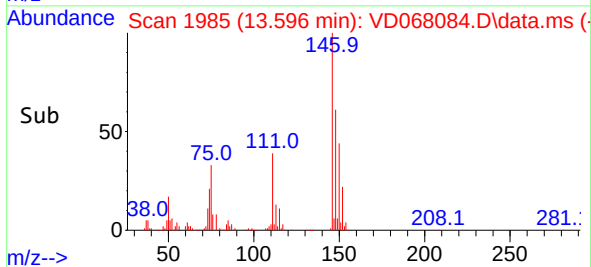
Tgt Ion:146 Resp: 261870
Ion Ratio Lower Upper
146 100
111 40.8 19.5 58.5
148 63.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.52 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



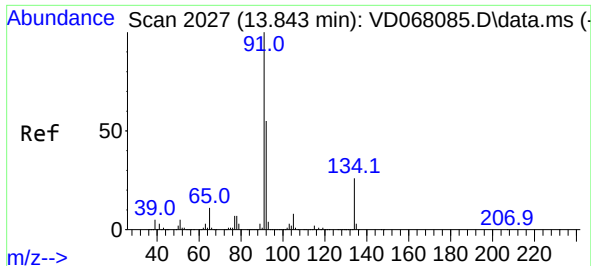
Tgt Ion:146 Resp: 256964
Ion Ratio Lower Upper
146 100
111 41.5 19.1 57.1
148 64.3 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

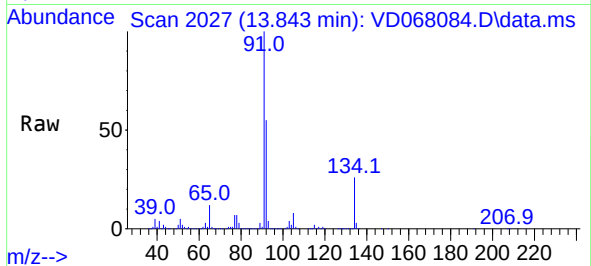
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#89
n-Butylbenzene
Concen: 23.79 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

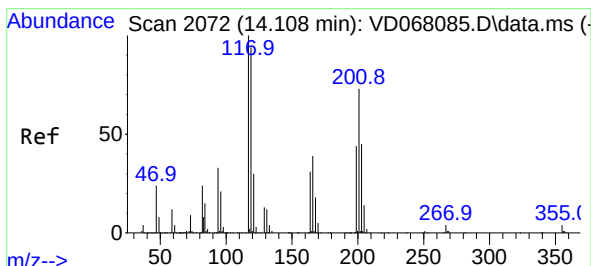
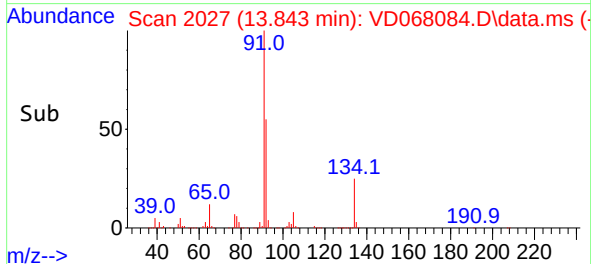
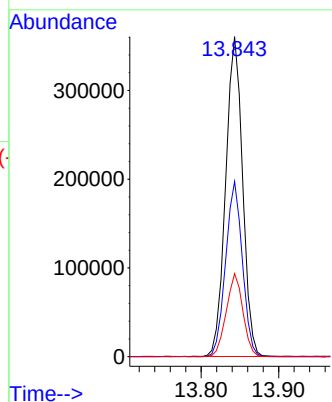
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 548174
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 25.6 13.9 41.7

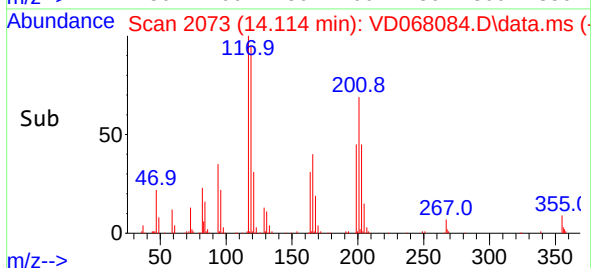
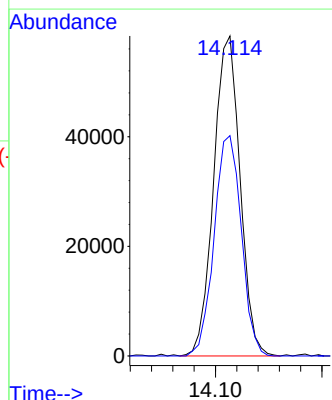
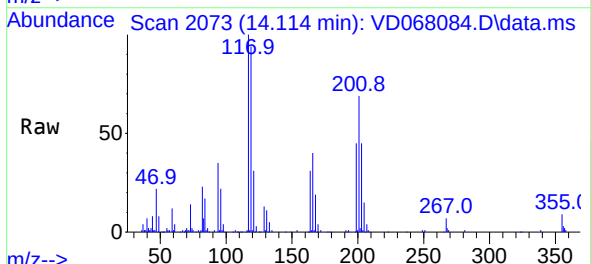
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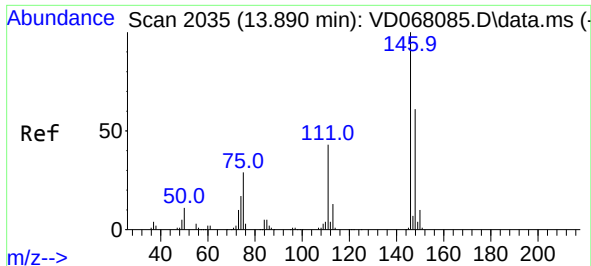
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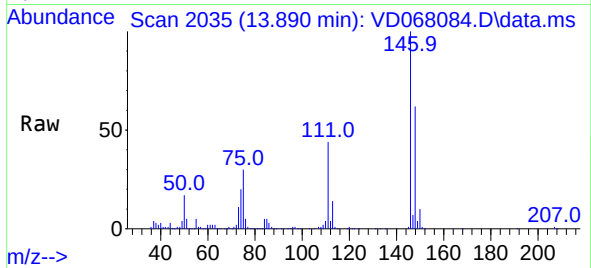
#90
Hexachloroethane
Concen: 20.67 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion: 117 Resp: 100538
Ion Ratio Lower Upper
117 100
201 70.7 39.5 118.5

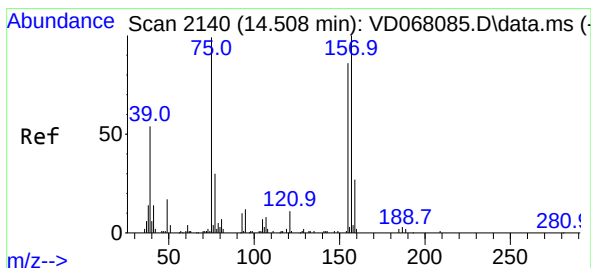
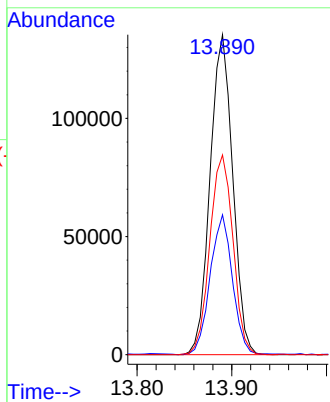
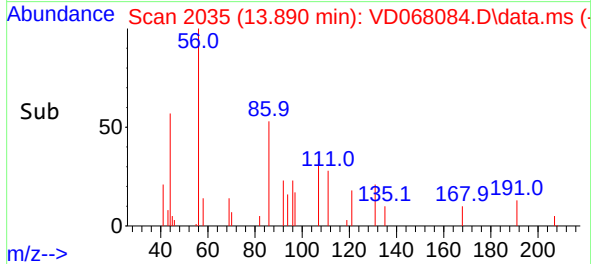




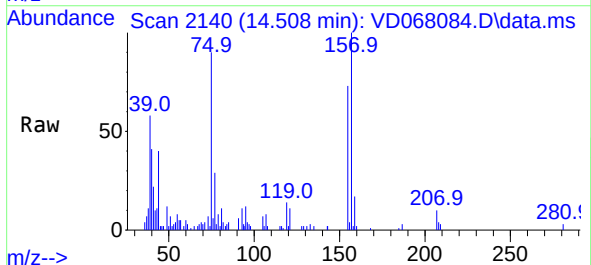
#91
1,2-Dichlorobenzene
Concen: 20.95 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



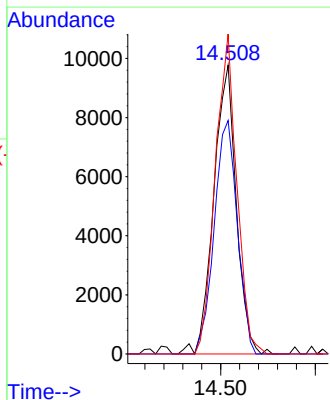
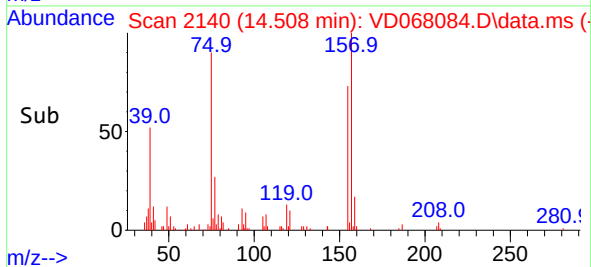
Tgt Ion:146 Resp: 224798
Ion Ratio Lower Upper
146 100
111 43.2 20.3 60.9
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.08 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



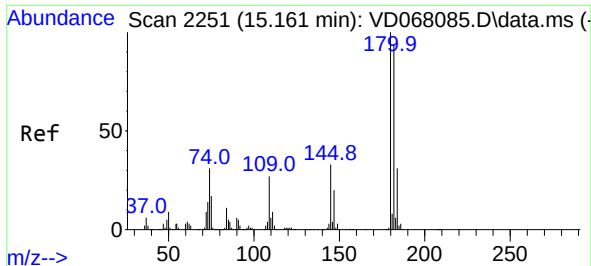
Tgt Ion: 75 Resp: 16153
Ion Ratio Lower Upper
75 100
155 82.7 48.0 144.2
157 105.8 65.0 194.8



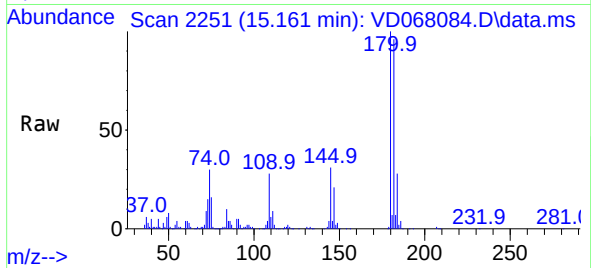
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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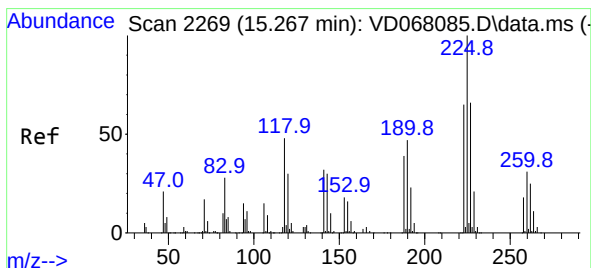
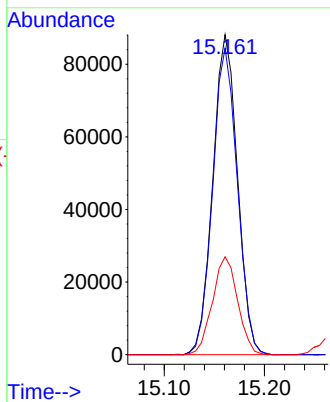
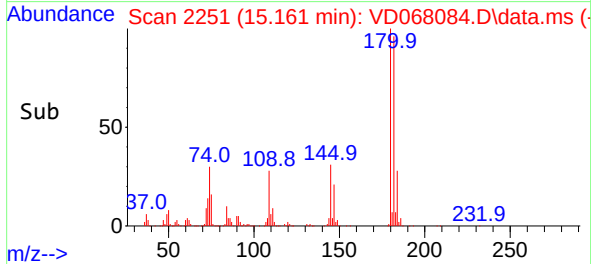
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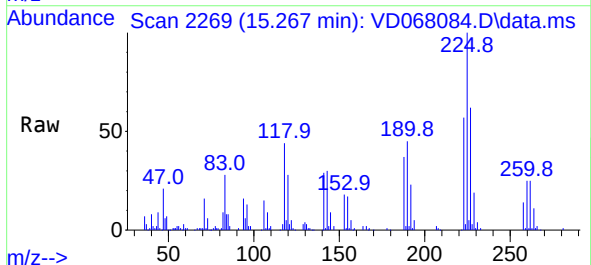
#93
1,2,4-Trichlorobenzene
Concen: 20.65 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



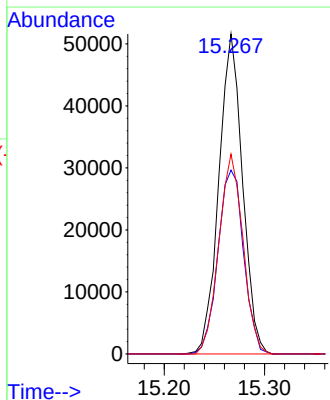
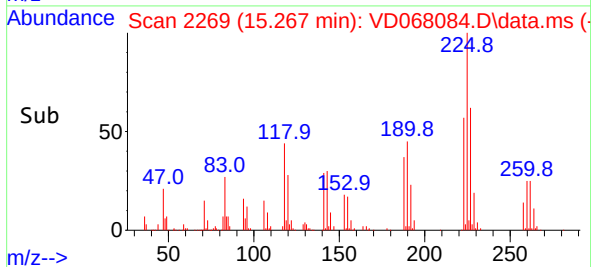
Tgt Ion:180 Resp: 150694
Ion Ratio Lower Upper
180 100
182 95.9 46.8 140.4
145 31.3 15.2 45.5



#94
Hexachlorobutadiene
Concen: 18.50 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34



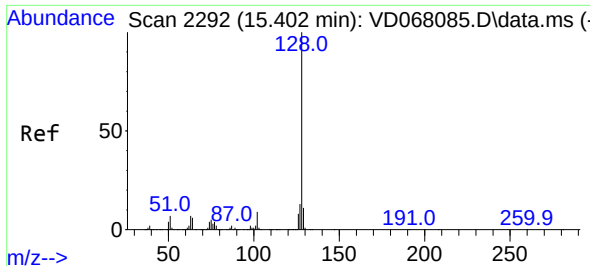
Tgt Ion:225 Resp: 84517
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.5
227 63.7 32.1 96.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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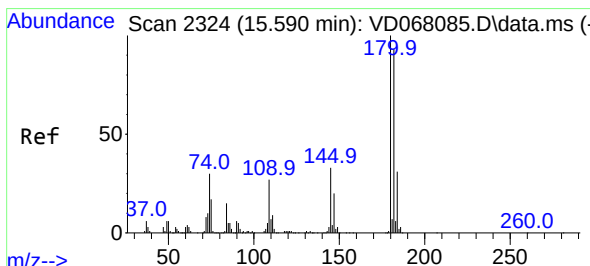
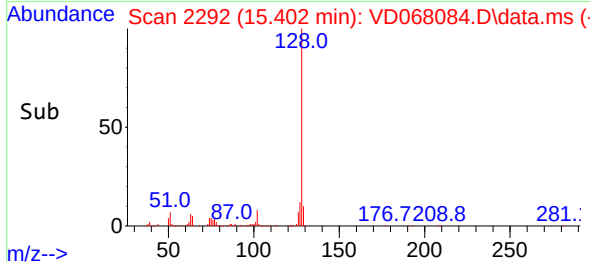
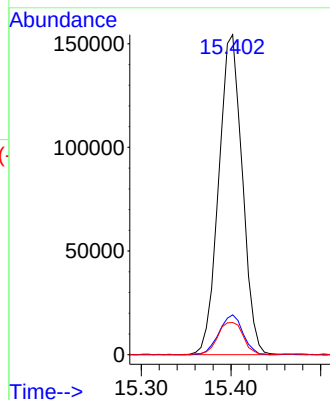
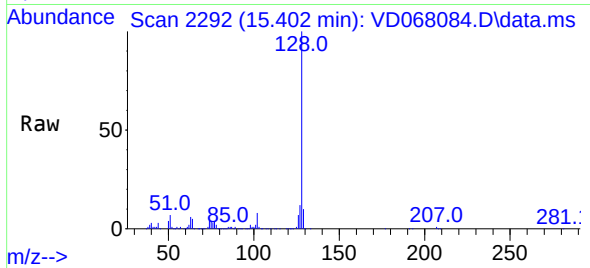
#95
Naphthalene
Concen: 22.90 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:	128	Resp:	281469
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
1/20/2021 4:56:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.67 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068084.D
Acq: 19 Jan 2021 11:34

Tgt Ion:	180	Resp:	129196
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.3	144.8
145	33.2	16.7	50.1

