

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068374.D
 Acq On : 16 Feb 2021 17:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Feb 17 00:06:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	360409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	644227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	600091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	268679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	213610	57.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.96%			
35) Dibromofluoromethane	7.920	113	207455	54.25	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.50%			
50) Toluene-d8	10.344	98	829373	52.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.66%			
62) 4-Bromofluorobenzene	12.632	95	267529	51.82	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	129332	39.16	ug/l	93
3) Chloromethane	2.209	50	174732	44.44	ug/l	95
4) Vinyl Chloride	2.350	62	198107	42.09	ug/l	96
5) Bromomethane	2.773	94	145547	43.26	ug/l	99
6) Chloroethane	2.926	64	135952	44.22	ug/l	94
7) Trichlorofluoromethane	3.273	101	243711	42.07	ug/l	95
8) Diethyl Ether	3.714	74	81851	48.11	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	150616	42.72	ug/l	93
10) Methyl Iodide	4.309	142	148422	44.83	ug/l	93
11) Tert butyl alcohol	5.226	59	47518	257.24	ug/l	99
12) 1,1-Dichloroethene	4.067	96	145196	42.36	ug/l	96
13) Acrolein	3.926	56	70801	335.18	ug/l	98
14) Allyl chloride	4.720	41	209695	47.05	ug/l	98
15) Acrylonitrile	5.426	53	185459	252.54	ug/l	98
16) Acetone	4.162	43	129248	227.37	ug/l	100
17) Carbon Disulfide	4.414	76	418884	42.20	ug/l	99
18) Methyl Acetate	4.720	43	79440	50.92	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	379104	49.02	ug/l	94
20) Methylene Chloride	4.973	84	187802	47.38	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	178042	44.88	ug/l	95
22) Diisopropyl ether	6.361	45	490134	49.70	ug/l	93
23) Vinyl Acetate	6.308	43	1300364	255.36	ug/l	98
24) 1,1-Dichloroethane	6.273	63	321062	47.58	ug/l	98
25) 2-Butanone	7.214	43	202549	254.84	ug/l	97
26) 2,2-Dichloropropane	7.208	77	246858	42.77	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	213125	47.26	ug/l	96
28) Bromochloromethane	7.550	49	164210	58.67	ug/l #	78
29) Tetrahydrofuran	7.561	42	132048	256.84	ug/l	96
30) Chloroform	7.714	83	336189	47.90	ug/l	96
31) Cyclohexane	7.985	56	255610	46.49	ug/l	87
32) 1,1,1-Trichloroethane	7.902	97	276828	45.64	ug/l	96
36) 1,1-Dichloropropene	8.114	75	244689	42.93	ug/l	96
37) Ethyl Acetate	7.291	43	92961	48.27	ug/l	98
38) Carbon Tetrachloride	8.102	117	230838	42.46	ug/l	98
39) Methylcyclohexane	9.355	83	285382	40.82	ug/l	95
40) Benzene	8.355	78	741346	45.60	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	54798	49.43	ug/l	96
42) 1,2-Dichloroethane	8.426	62	202952	46.80	ug/l	99
43) Isopropyl Acetate	8.455	43	183800	49.84	ug/l	97
44) Trichloroethene	9.114	130	194058	43.86	ug/l	91
45) 1,2-Dichloropropane	9.391	63	187238	47.20	ug/l	94
46) Dibromomethane	9.479	93	98752	45.89	ug/l	93
47) Bromodichloromethane	9.667	83	260808	46.75	ug/l	99
48) Methyl methacrylate	9.455	41	87183	47.37	ug/l	89
49) 1,4-Dioxane	9.467	88	24084	957.96	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	476304	251.47	ug/l	100
52) Toluene	10.402	92	475035	45.45	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	242841	47.03	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	292376	46.35	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	143252	48.19	ug/l	96
56) Ethyl methacrylate	10.661	69	175879	49.86	ug/l	97
57) 1,3-Dichloropropane	10.949	76	248504	47.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	515684	273.04	ug/l	92
59) 2-Hexanone	10.985	43	324847	253.71	ug/l	98
60) Dibromochloromethane	11.144	129	171078	46.38	ug/l	97
61) 1,2-Dibromoethane	11.249	107	134047	46.66	ug/l	100
64) Tetrachloroethene	10.879	164	151647	41.07	ug/l	96
65) Chlorobenzene	11.673	112	516078	44.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	182044	45.22	ug/l	97
67) Ethyl Benzene	11.743	91	919943	44.47	ug/l	98
68) m/p-Xylenes	11.855	106	675602	86.41	ug/l	98
69) o-Xylene	12.179	106	319238	44.51	ug/l	99
70) Styrene	12.196	104	557930	44.72	ug/l	99
71) Bromoform	12.361	173	94457	45.66	ug/l #	99
73) Isopropylbenzene	12.479	105	867267	44.19	ug/l	99
74) N-amyl acetate	12.291	43	169322	48.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	164057	48.24	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	117187m	45.84	ug/l	
77) Bromobenzene	12.761	156	196883	44.91	ug/l	89
78) n-propylbenzene	12.820	91	1021746	43.49	ug/l	97
79) 2-Chlorotoluene	12.908	91	571209	43.90	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	709736	44.26	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	47112	46.19	ug/l	95
82) 4-Chlorotoluene	13.002	91	615036	44.71	ug/l	96
83) tert-Butylbenzene	13.220	119	606753	43.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	721308	45.15	ug/l	100
85) sec-Butylbenzene	13.402	105	847695	43.57	ug/l	97
86) p-Isopropyltoluene	13.514	119	766258	43.87	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	373241	44.00	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	367362	43.53	ug/l	99
89) n-Butylbenzene	13.843	91	735032	43.12	ug/l	97
90) Hexachloroethane	14.108	117	139934	44.12	ug/l	89
91) 1,2-Dichlorobenzene	13.890	146	328011	44.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	23673	47.61	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	216304	44.90	ug/l	100
94) Hexachlorobutadiene	15.267	225	112828	42.58	ug/l	98
95) Naphthalene	15.396	128	428558	47.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	183799	43.74	ug/l	100

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ClientSampleId :
VSTDCCC050EC

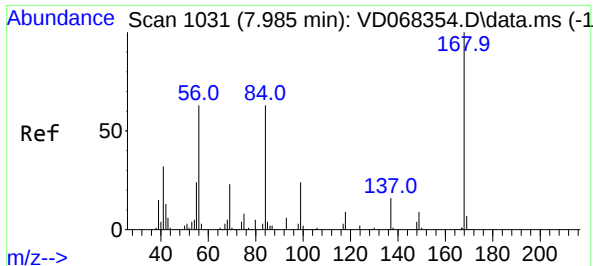
Manual Integrations
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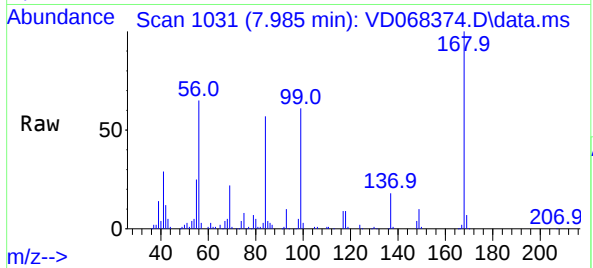
Quant Time: Feb 17 00:06:11 2021
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Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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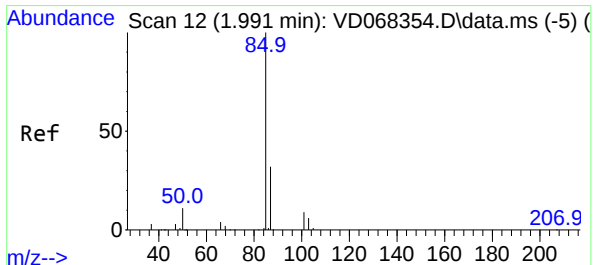
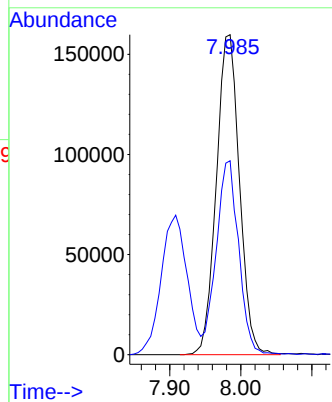
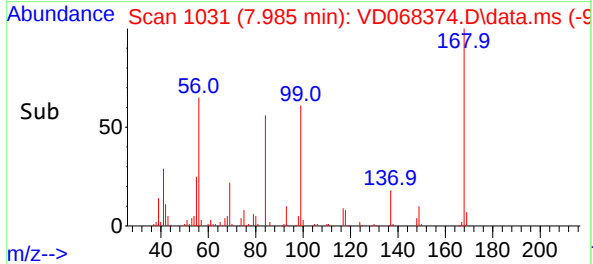
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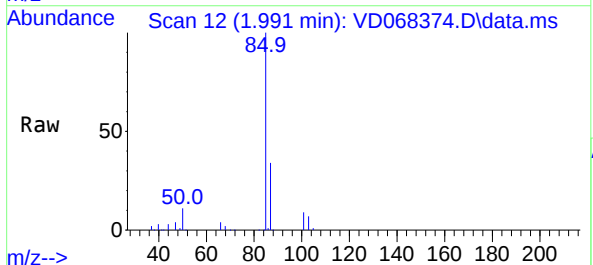
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



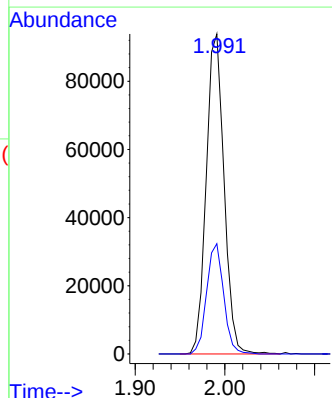
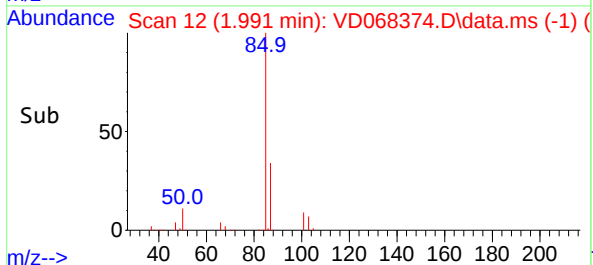
Tgt Ion:168 Resp: 360409
Ion Ratio Lower Upper
168 100
99 60.3 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 39.16 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



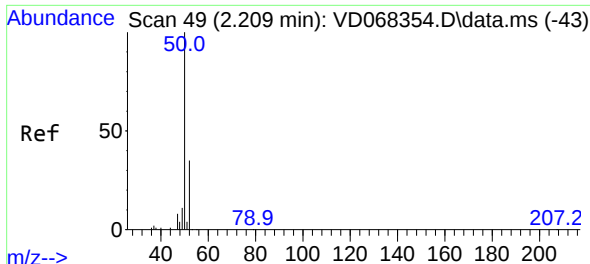
Tgt Ion: 85 Resp: 129332
Ion Ratio Lower Upper
85 100
87 34.4 15.4 46.1



Instrument :
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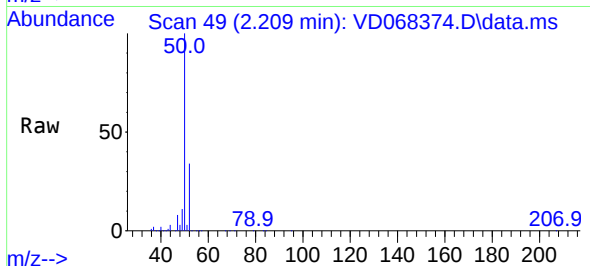
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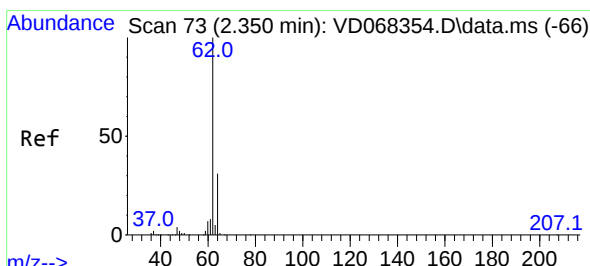
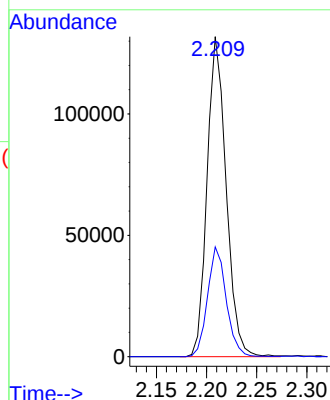
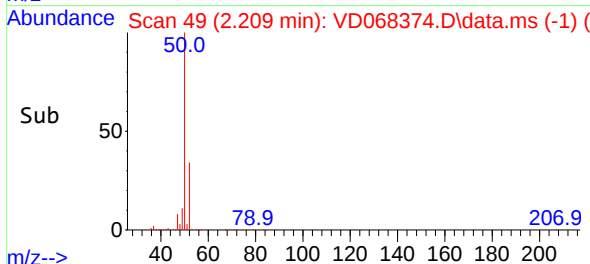


#3
Chloromethane
Concen: 44.44 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

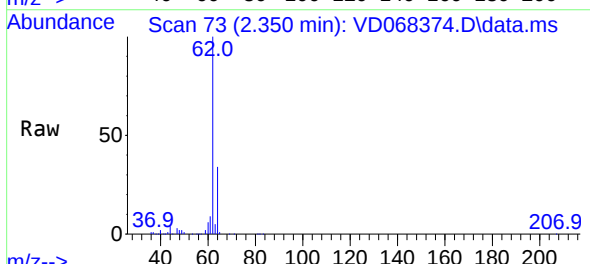
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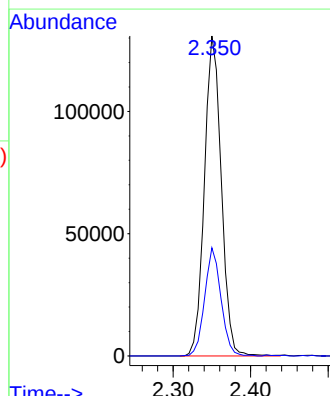
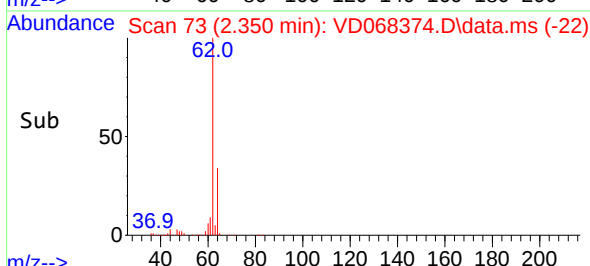
Tgt Ion: 50 Resp: 174732
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.2

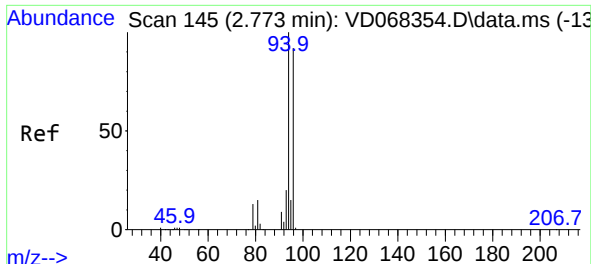


#4
Vinyl Chloride
Concen: 42.09 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



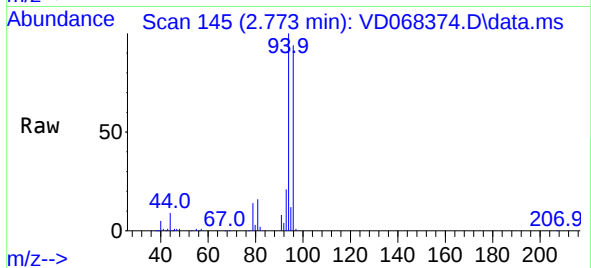
Tgt Ion: 62 Resp: 198107
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.2





#5
Bromomethane
Concen: 43.26 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

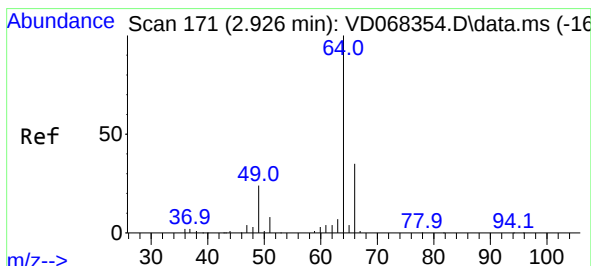
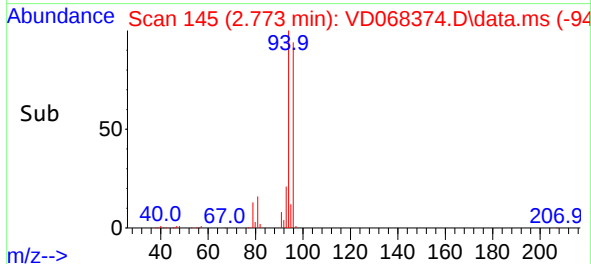
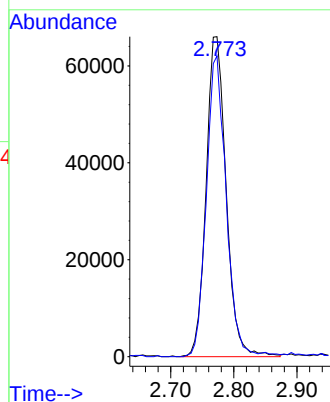
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 145547
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8

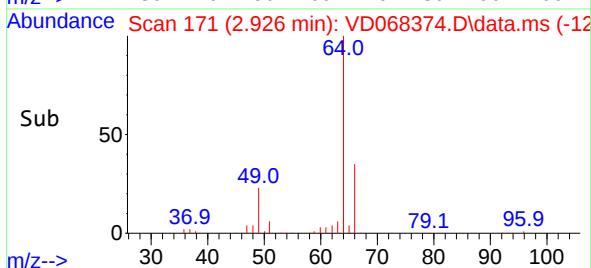
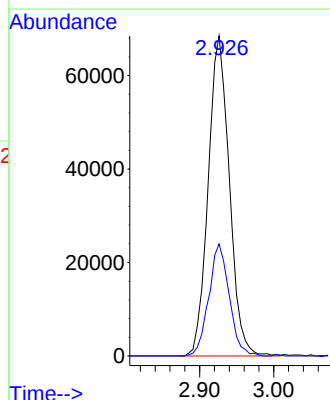
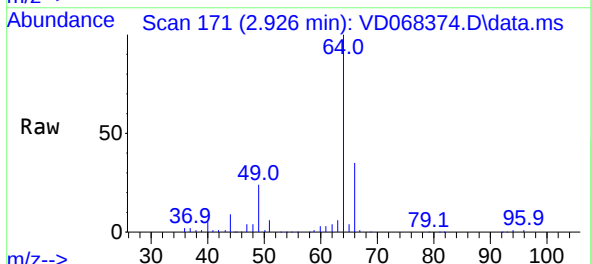
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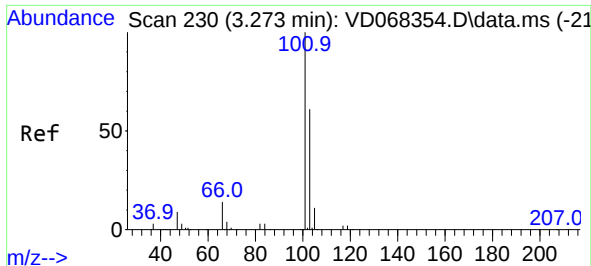
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#6
Chloroethane
Concen: 44.22 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 64 Resp: 135952
Ion Ratio Lower Upper
64 100
66 35.0 25.1 37.7





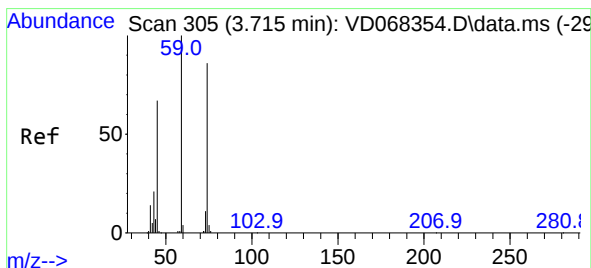
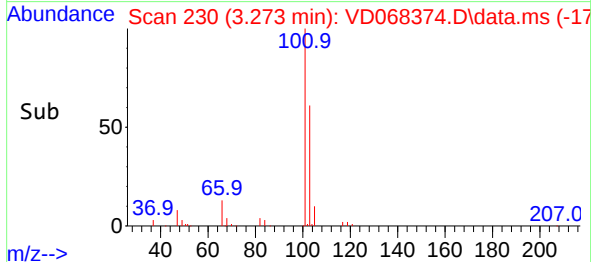
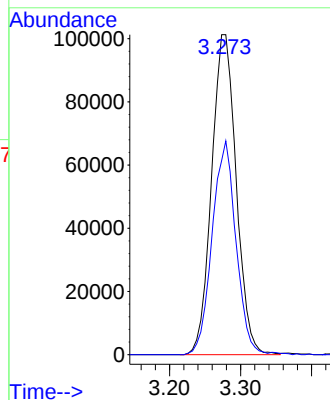
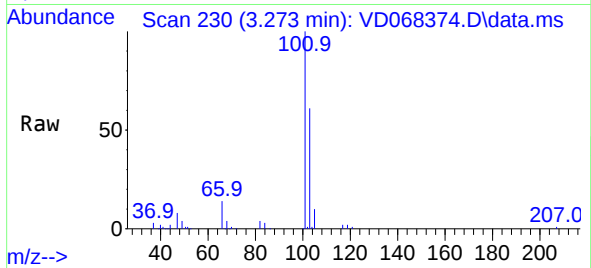
#7
Trichlorofluoromethane
Concen: 42.07 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion:101 Resp: 243711
Ion Ratio Lower Upper
101 100
103 60.7 52.0 78.0

Instrument :
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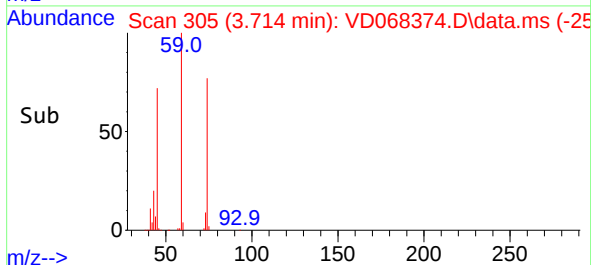
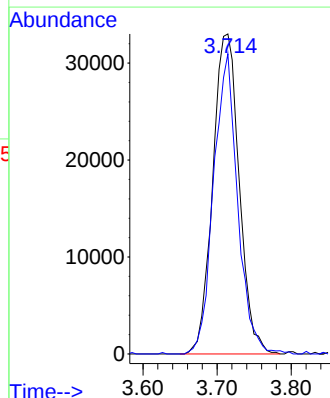
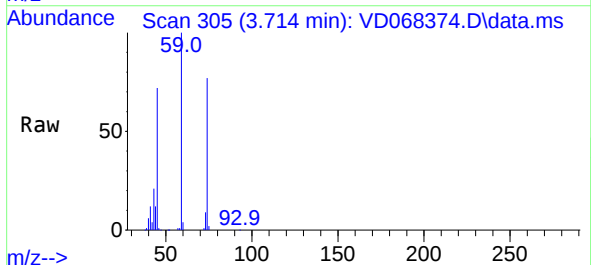
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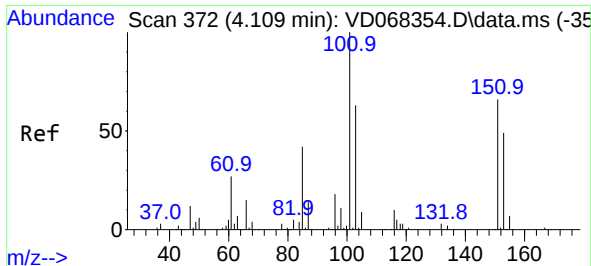
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#8
Diethyl Ether
Concen: 48.11 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068374.D
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Tgt Ion: 74 Resp: 81851
Ion Ratio Lower Upper
74 100
45 85.6 42.1 126.4





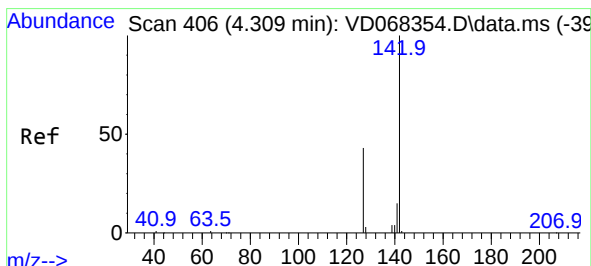
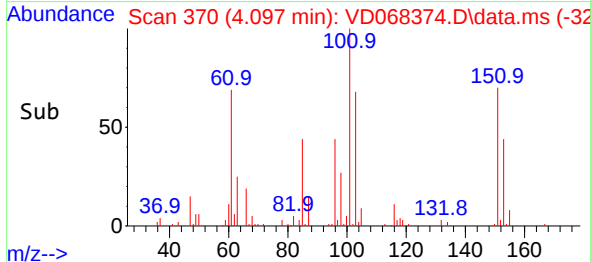
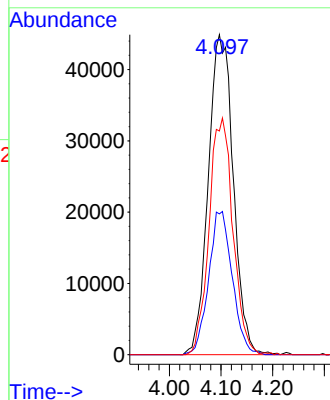
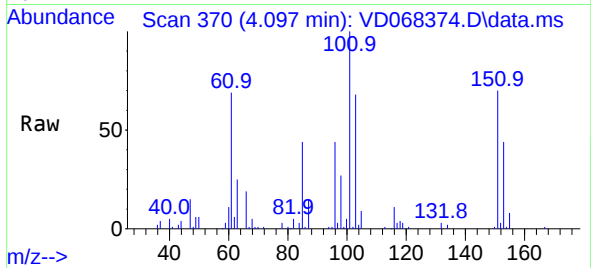
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.72 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068374.D
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Tgt Ion:101 Resp: 150616
Ion Ratio Lower Upper
101 100
85 42.4 34.0 51.0
151 70.8 64.1 96.1

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ClientSampleId :
VSTDCCC050EC

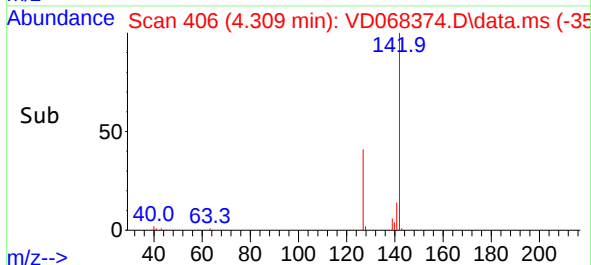
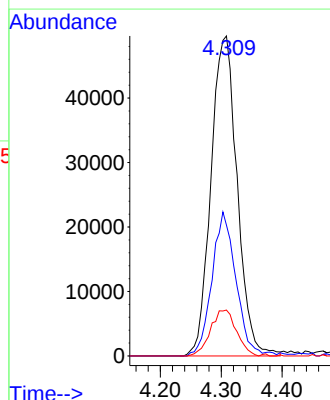
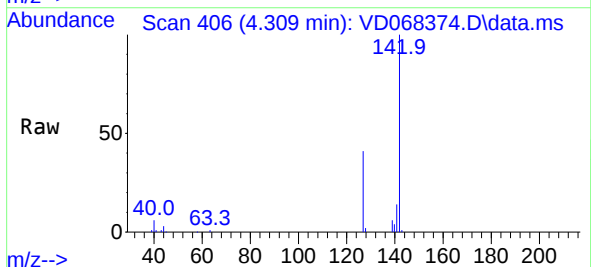
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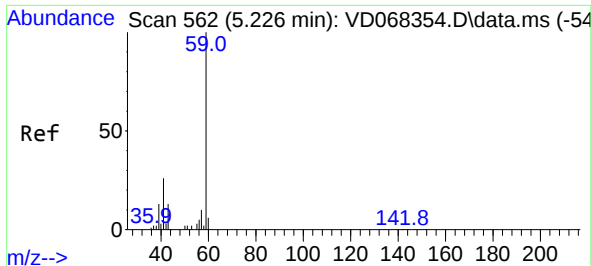
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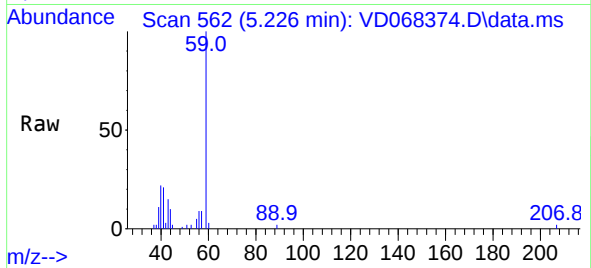
#10
Methyl Iodide
Concen: 44.83 ug/l
RT: 4.309 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion:142 Resp: 148422
Ion Ratio Lower Upper
142 100
127 41.3 37.9 56.9
141 14.2 11.5 17.3

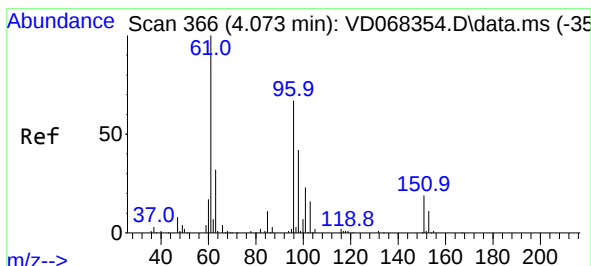
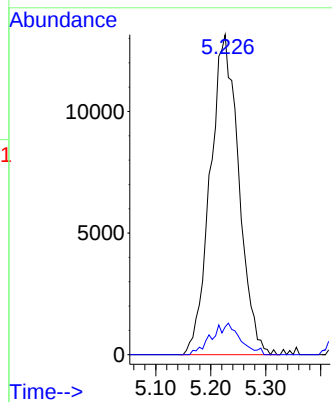
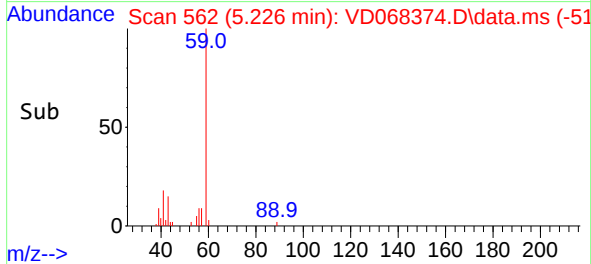




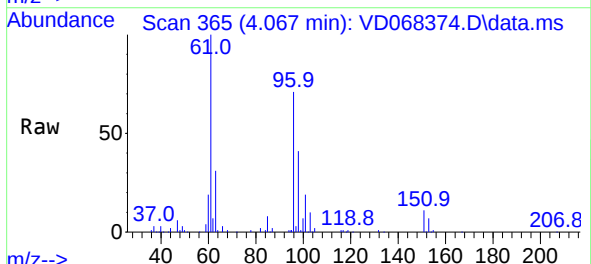
#11
Tert butyl alcohol
Concen: 257.24 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



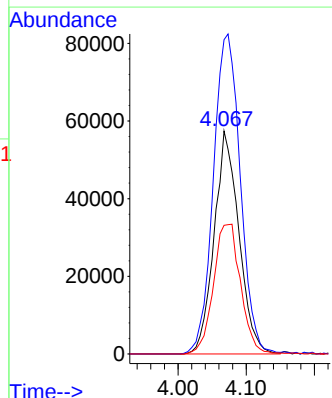
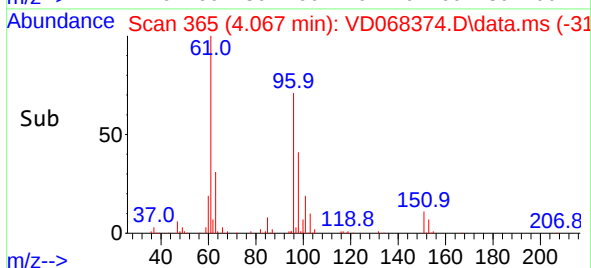
Tgt Ion: 59 Resp: 47518
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.2



#12
1,1-Dichloroethene
Concen: 42.36 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



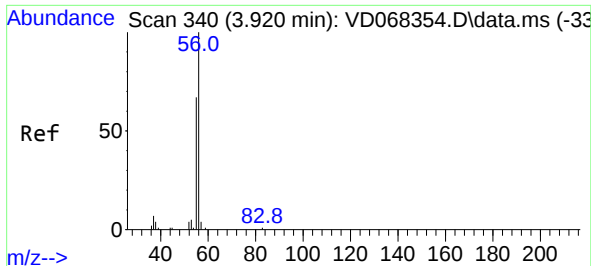
Tgt Ion: 96 Resp: 145196
Ion Ratio Lower Upper
96 100
61 141.0 116.2 174.4
98 57.8 48.6 73.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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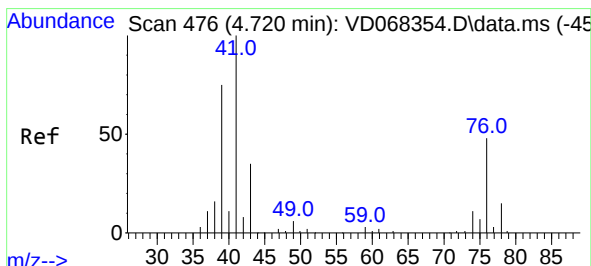
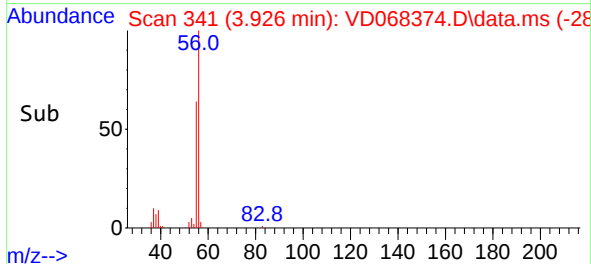
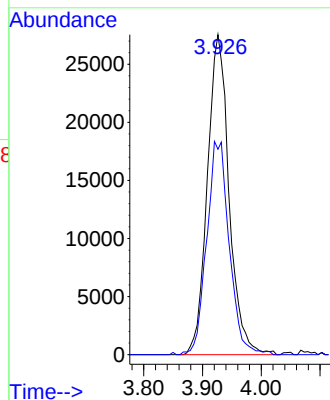
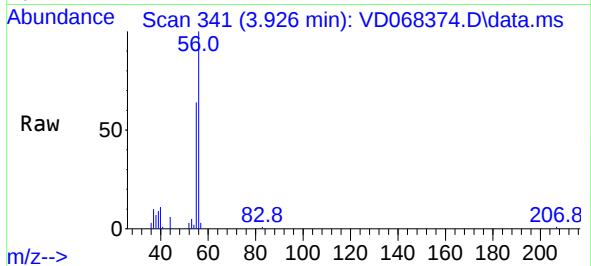
#13
Acrolein
Concen: 335.18 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 56 Resp: 70801
Ion Ratio Lower Upper
56 100
55 69.2 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

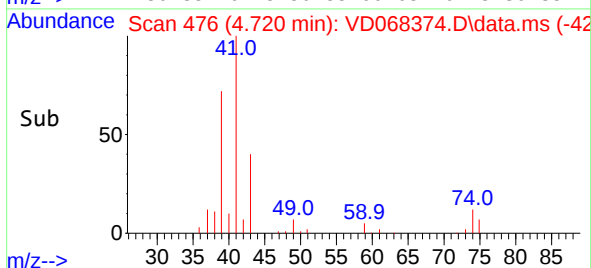
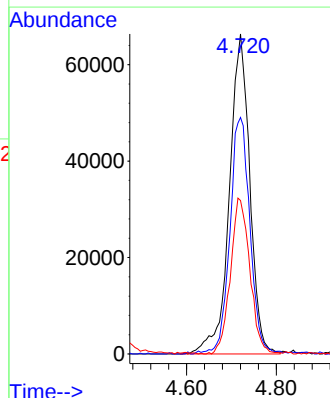
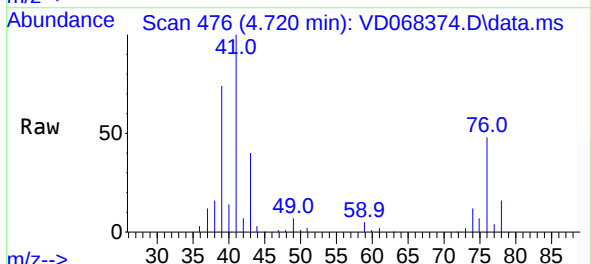
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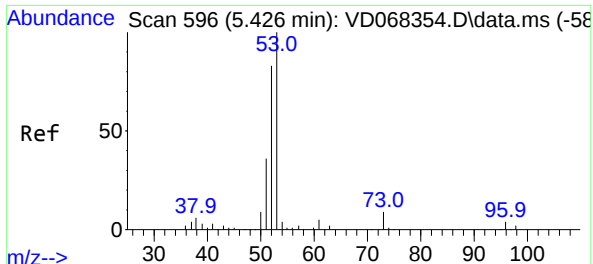
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#14
Allyl chloride
Concen: 47.05 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

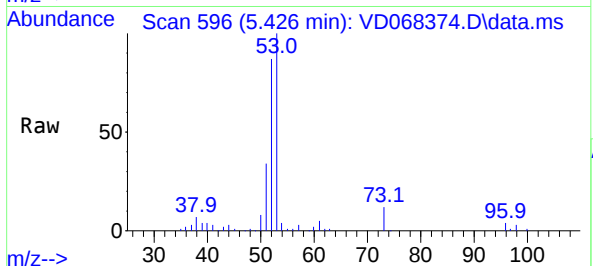
Tgt Ion: 41 Resp: 209695
Ion Ratio Lower Upper
41 100
39 71.5 56.3 84.5
76 46.3 38.9 58.3





#15
Acrylonitrile
Concen: 252.54 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

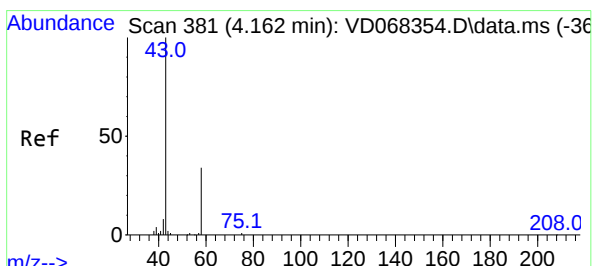
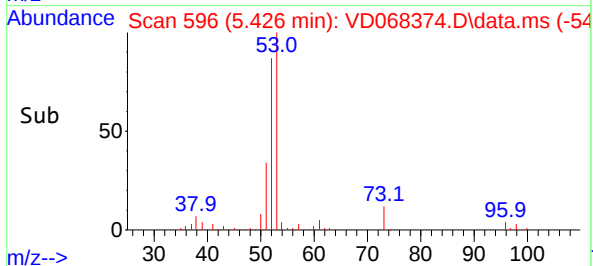
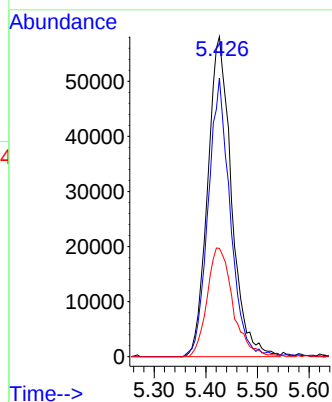


Tgt Ion: 53 Resp: 185459

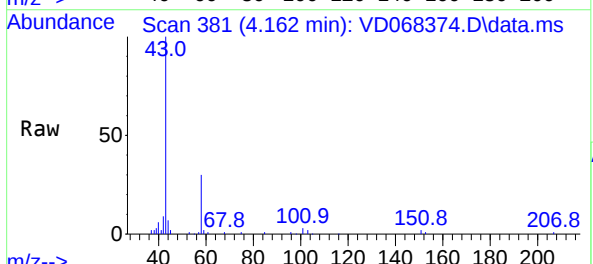
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.2	99.2
51	37.0	29.0	43.4

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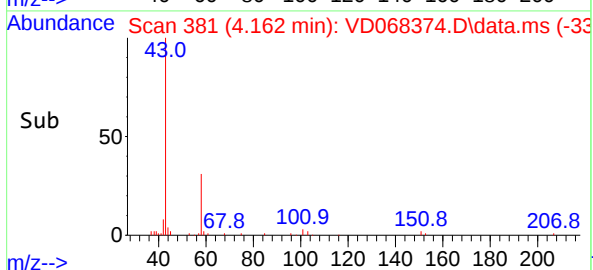
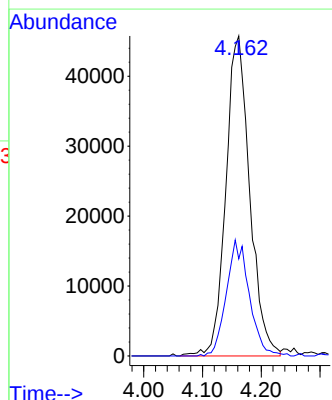


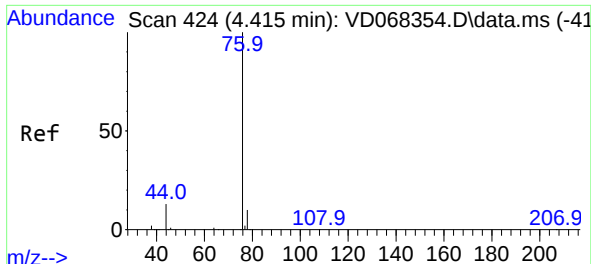
#16
Acetone
Concen: 227.37 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 43 Resp: 129248

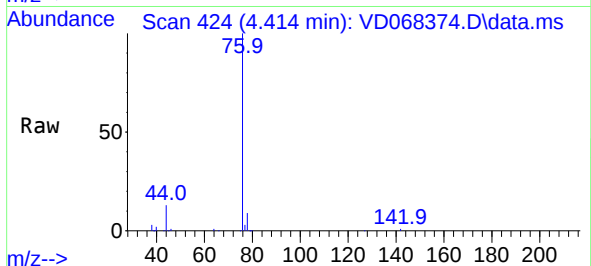
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.2	36.4



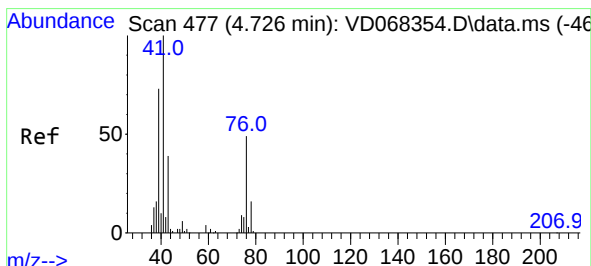
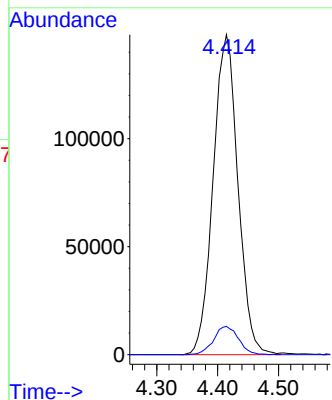
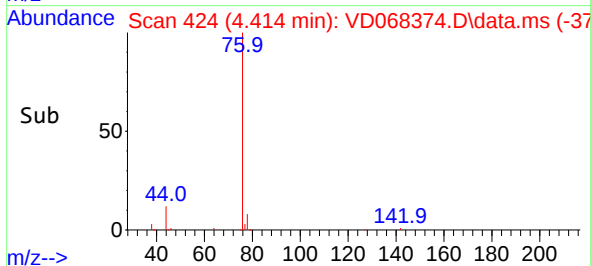


#17
Carbon Disulfide
Concen: 42.20 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

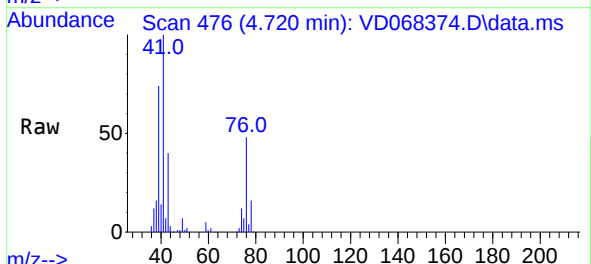
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



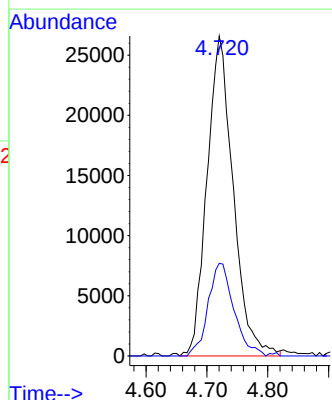
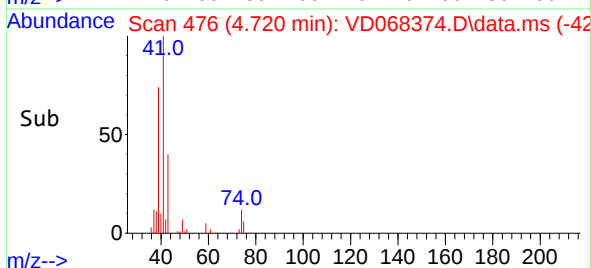
Tgt Ion: 76 Resp: 418884
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

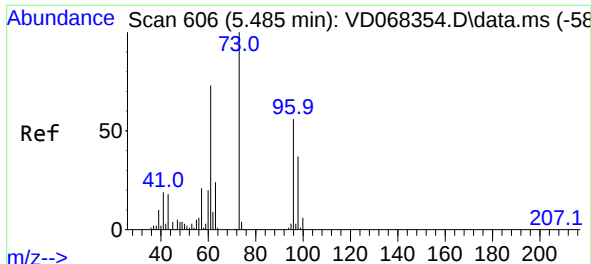


#18
Methyl Acetate
Concen: 50.92 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



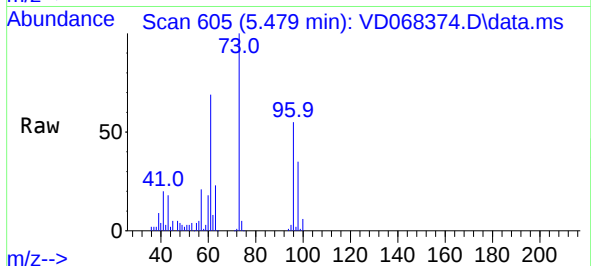
Tgt Ion: 43 Resp: 79440
Ion Ratio Lower Upper
43 100
74 28.5 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 49.02 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

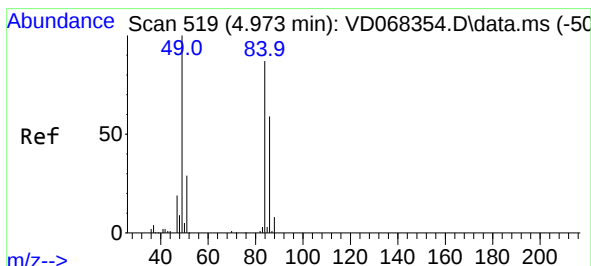
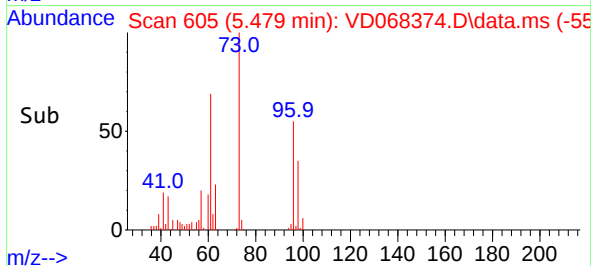
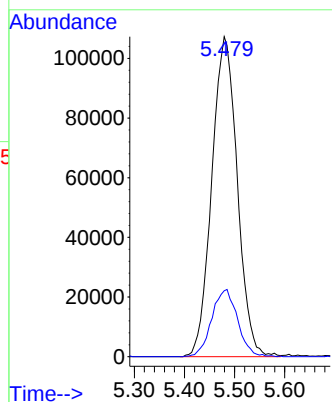
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



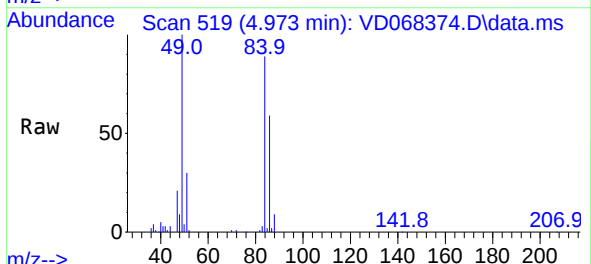
Tgt Ion: 73 Resp: 379104
Ion Ratio Lower Upper
73 100
57 20.6 14.4 21.6

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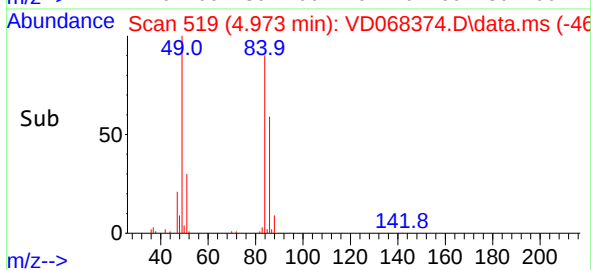
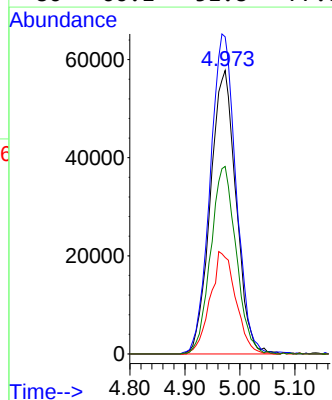
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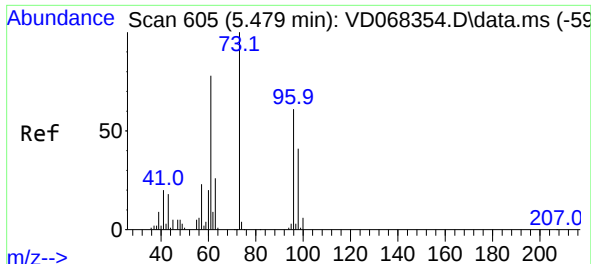


#20
Methylene Chloride
Concen: 47.38 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



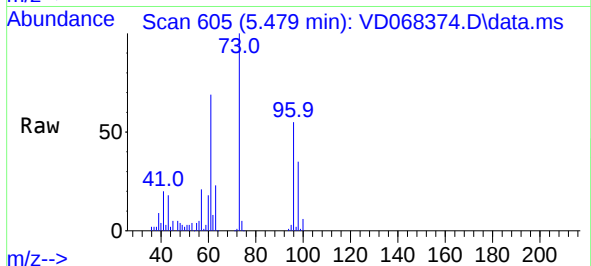
Tgt Ion: 84 Resp: 187802
Ion Ratio Lower Upper
84 100
49 111.9 77.4 116.2
51 34.0 26.1 39.1
86 66.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 44.88 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

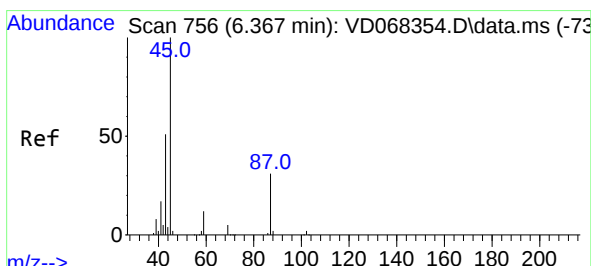
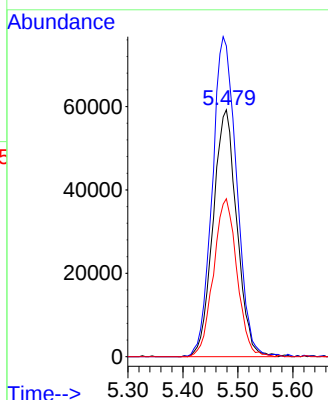
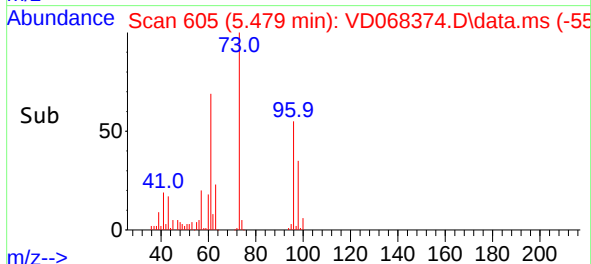
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



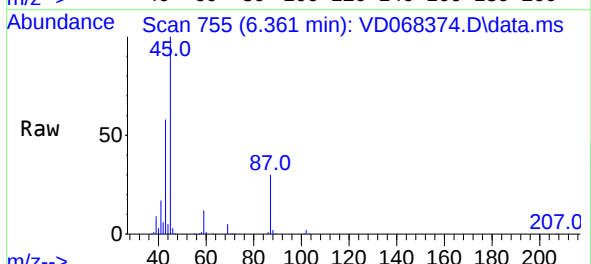
Tgt Ion: 96 Resp: 178042
Ion Ratio Lower Upper
96 100
61 125.8 96.7 145.1
98 64.0 47.6 71.4

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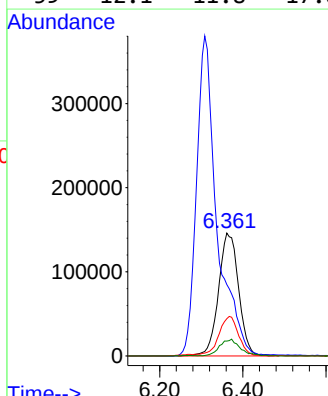
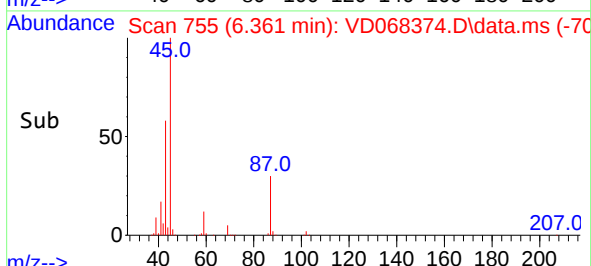
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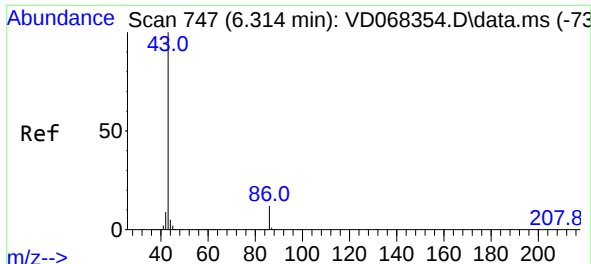


#22
Diisopropyl ether
Concen: 49.70 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



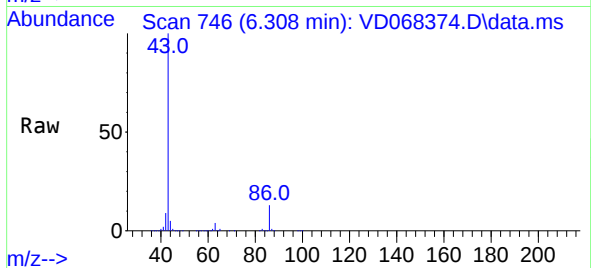
Tgt Ion: 45 Resp: 490134
Ion Ratio Lower Upper
45 100
43 57.8 43.9 65.9
87 30.2 29.9 44.9
59 12.1 11.8 17.8





#23
 Vinyl Acetate
 Concen: 255.36 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068374.D
 Acq: 16 Feb 2021 17:30

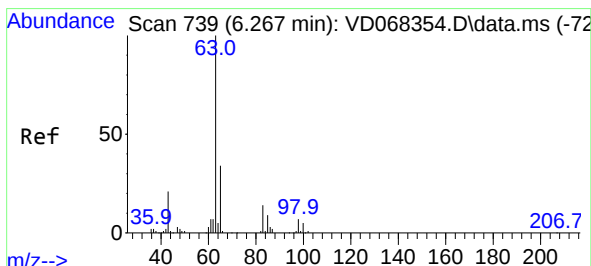
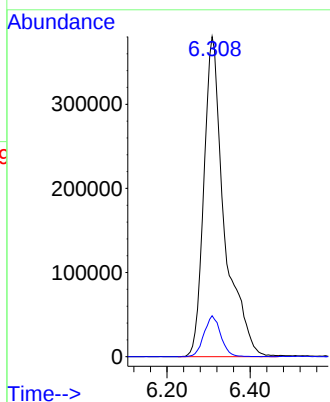
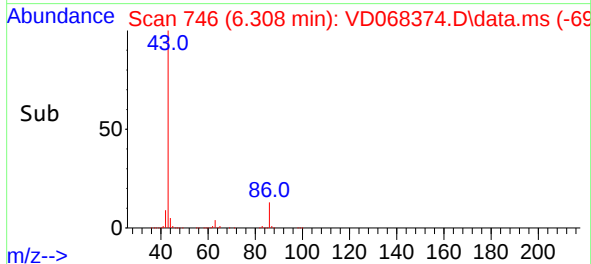
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



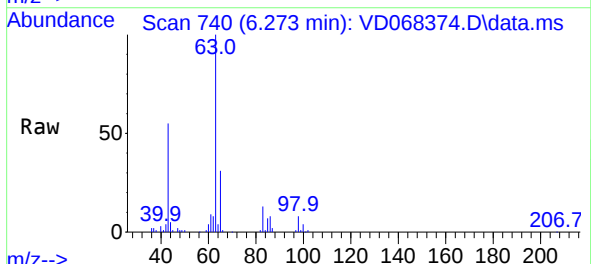
Tgt Ion: 43 Resp: 1300364
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.8 16.2

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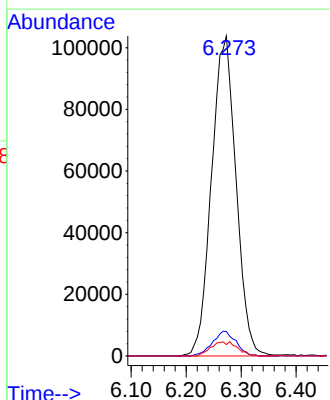
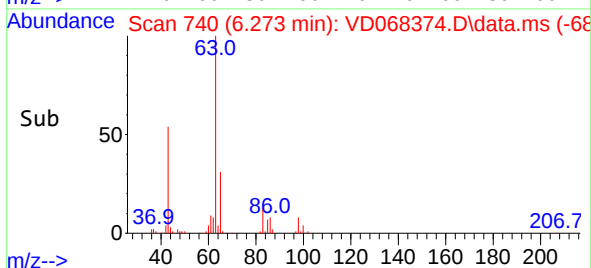
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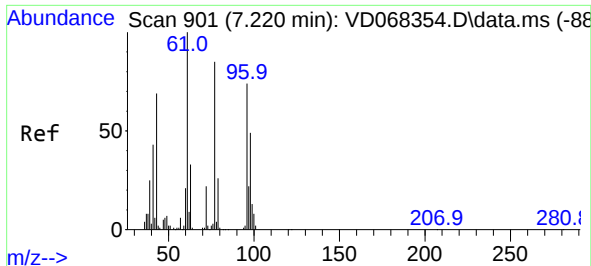


#24
 1,1-Dichloroethane
 Concen: 47.58 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.006 min
 Lab File: VD068374.D
 Acq: 16 Feb 2021 17:30



Tgt Ion: 63 Resp: 321062
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 3.6 2.6 8.0





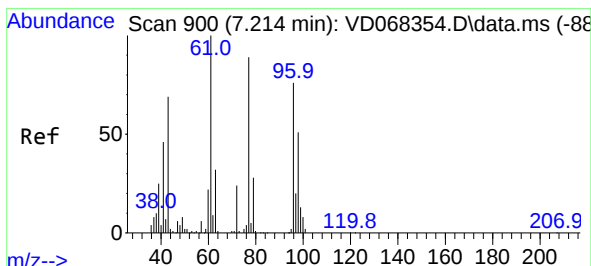
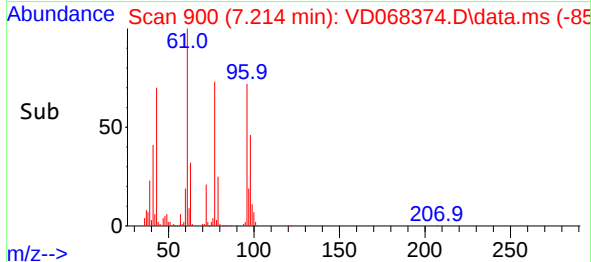
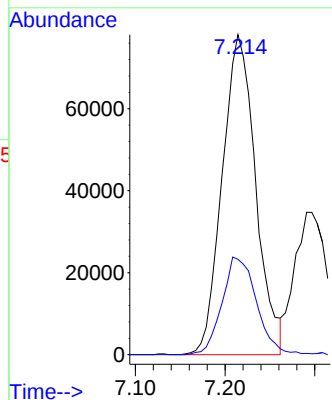
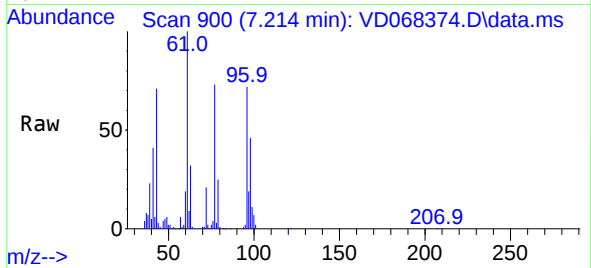
#25
2-Butanone
Concen: 254.84 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 43 Resp: 202549
Ion Ratio Lower Upper
43 100
72 29.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

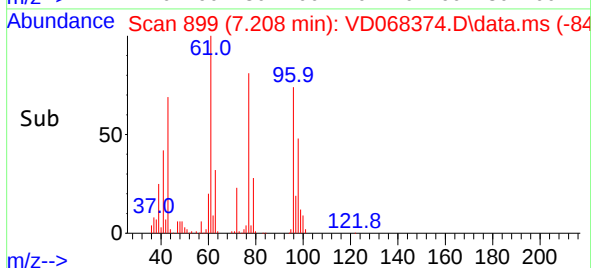
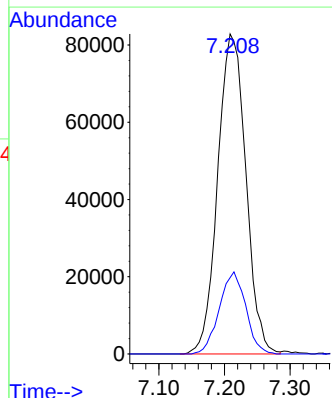
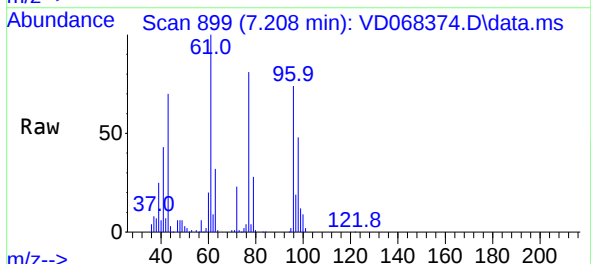
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#26
2,2-Dichloropropane
Concen: 42.77 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

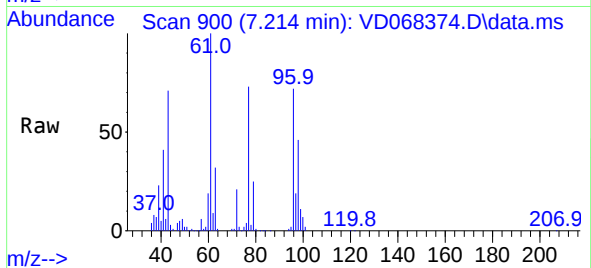
Tgt Ion: 77 Resp: 246858
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 47.26 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

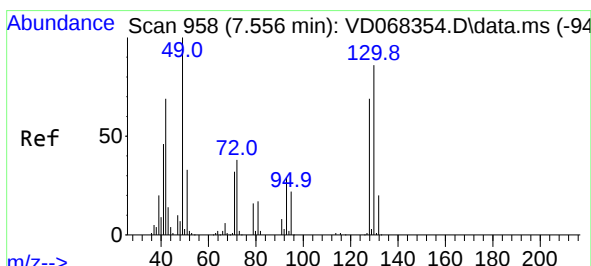
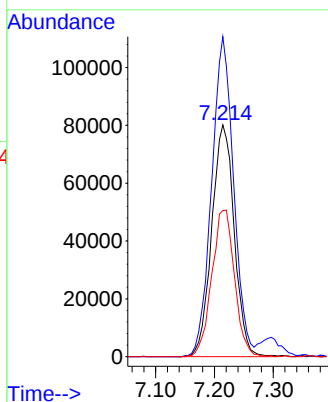
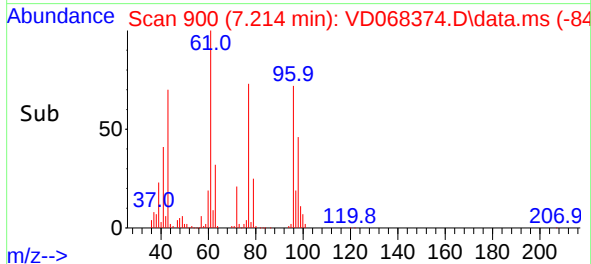
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



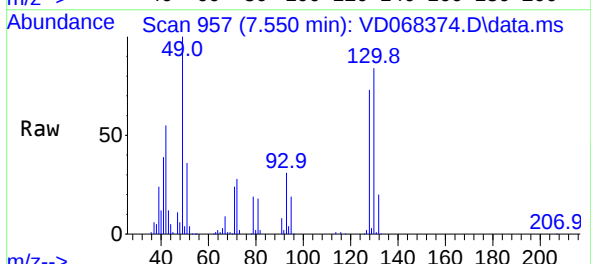
Tgt Ion: 96 Resp: 213125
Ion Ratio Lower Upper
96 100
61 134.8 0.0 257.4
98 64.0 0.0 126.6

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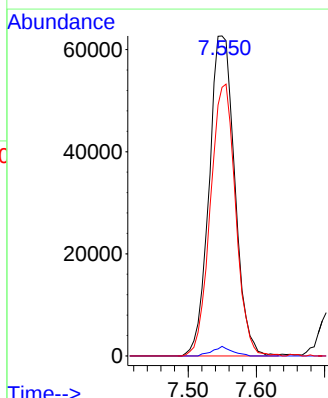
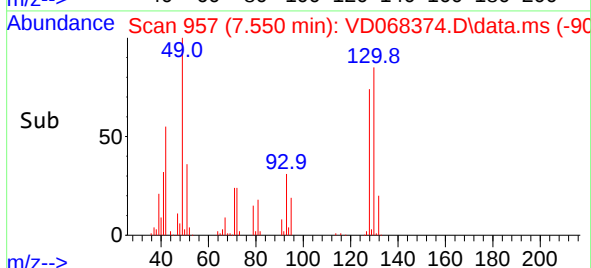
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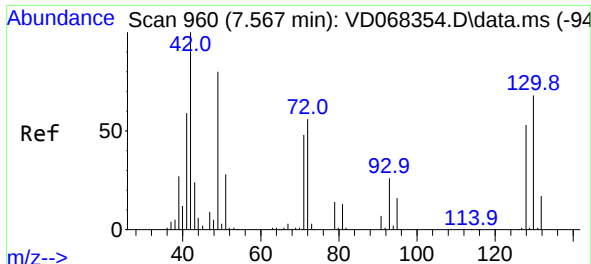


#28
Bromochloromethane
Concen: 58.67 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 49 Resp: 164210
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 83.2 85.5 128.3#





#29

Tetrahydrofuran

Concen: 256.84 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068374.D

Acq: 16 Feb 2021 17:30

Tgt Ion: 42 Resp: 132048

Ion Ratio Lower Upper

42 100

72 52.0 43.4 65.0

71 47.6 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

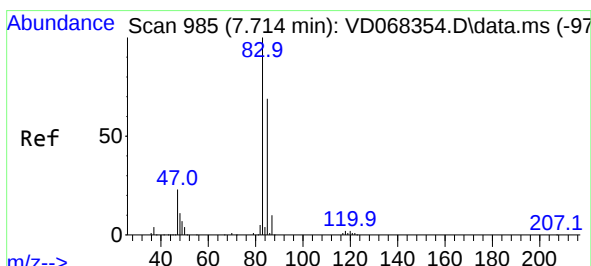
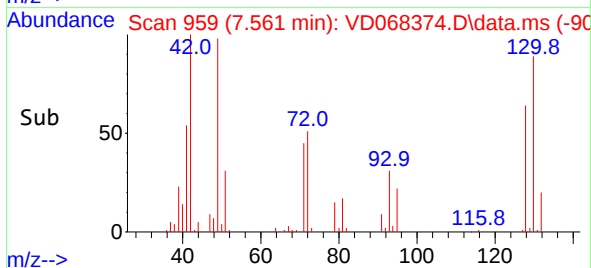
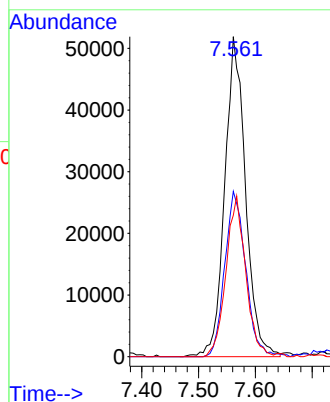
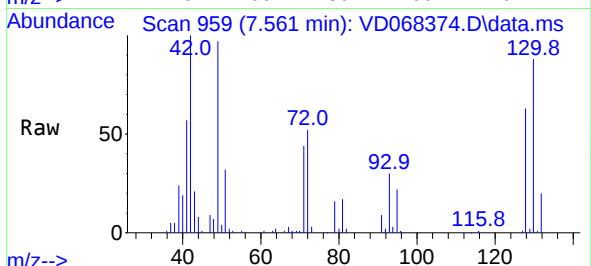
VSTDCCC050EC

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#30

Chloroform

Concen: 47.90 ug/l

RT: 7.714 min Scan# 985

Delta R.T. -0.000 min

Lab File: VD068374.D

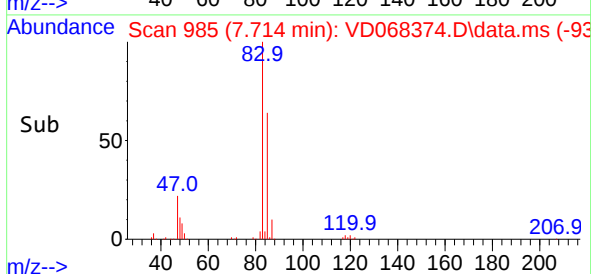
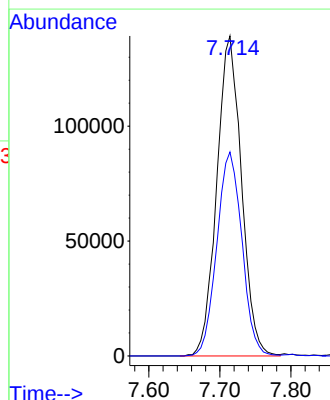
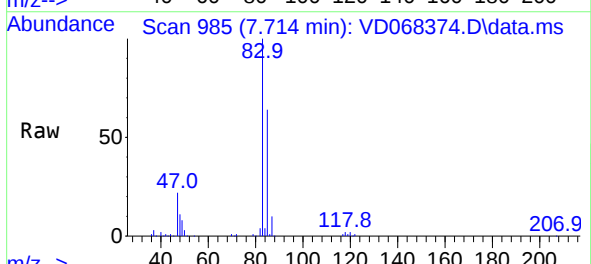
Acq: 16 Feb 2021 17:30

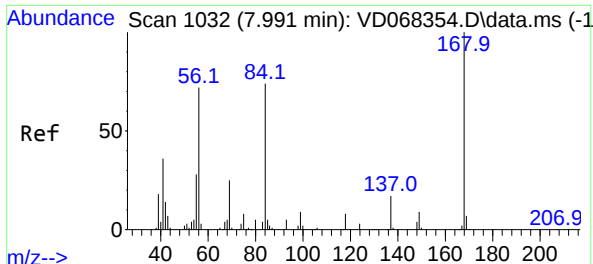
Tgt Ion: 83 Resp: 336189

Ion Ratio Lower Upper

83 100

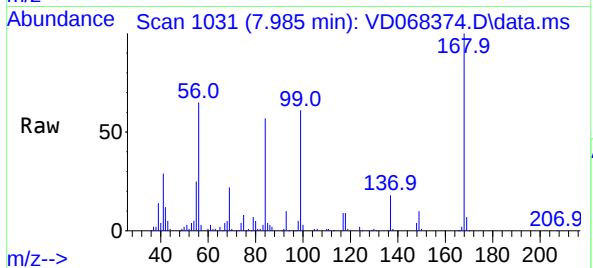
85 63.8 53.4 80.0





#31
Cyclohexane
Concen: 46.49 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

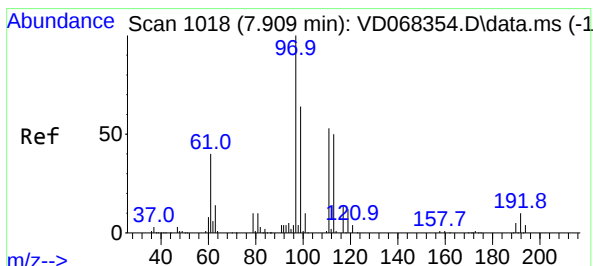
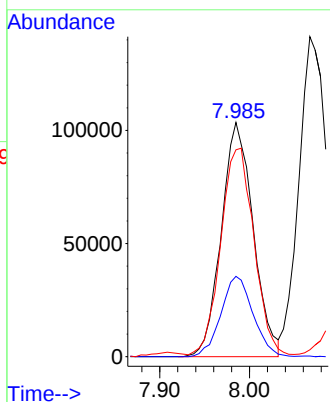
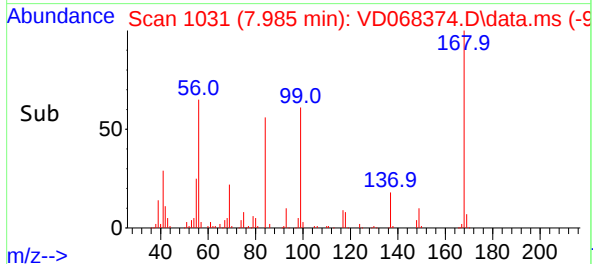
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



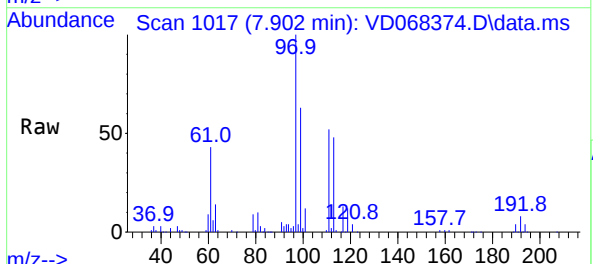
Tgt Ion: 56 Resp: 255610
Ion Ratio Lower Upper
56 100
69 34.3 30.1 45.1
84 87.0 82.1 123.1

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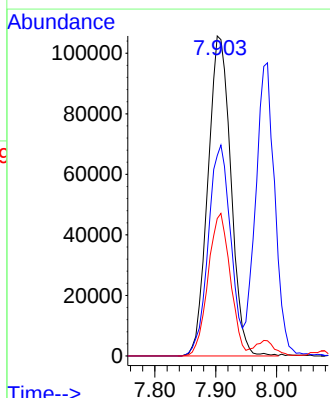
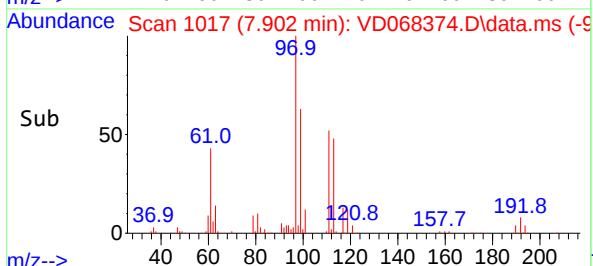
MMDadoda
2/17/2021 12:28:27 PM

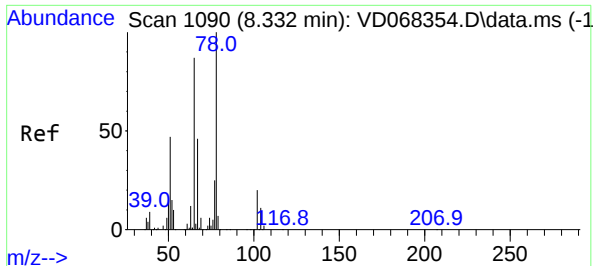


#32
1,1,1-Trichloroethane
Concen: 45.64 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 97 Resp: 276828
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 43.1 30.1 45.1





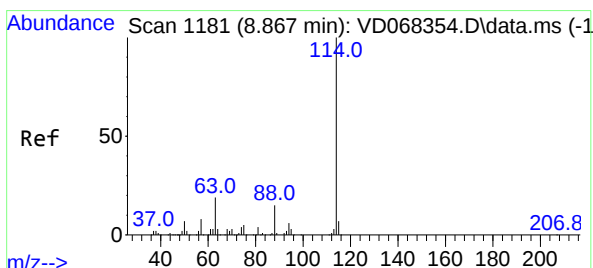
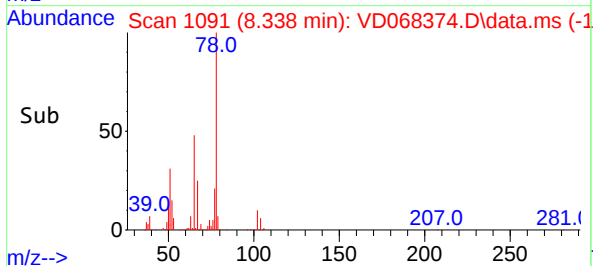
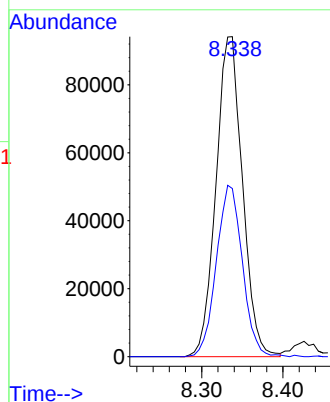
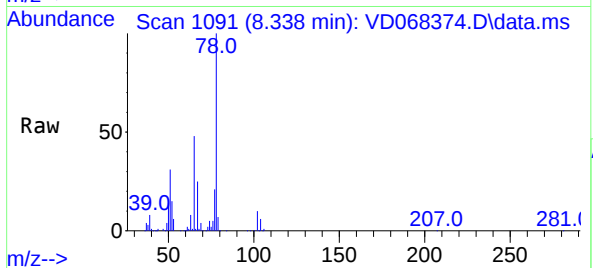
#33
1,2-Dichloroethane-d4
Concen: 57.98 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 65 Resp: 213610
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

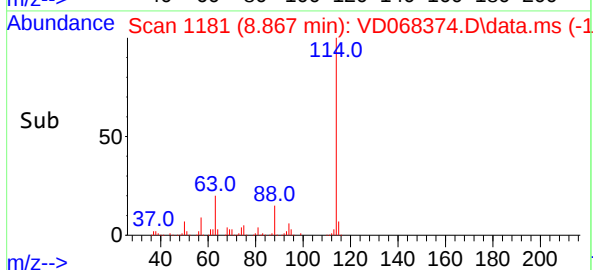
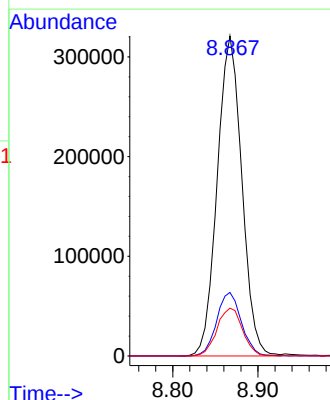
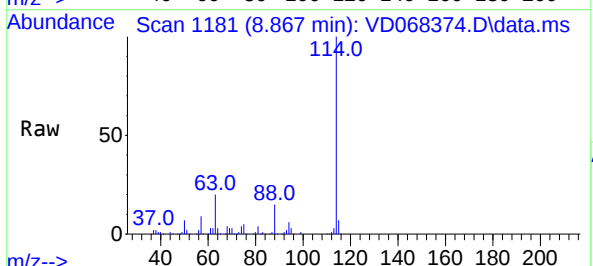
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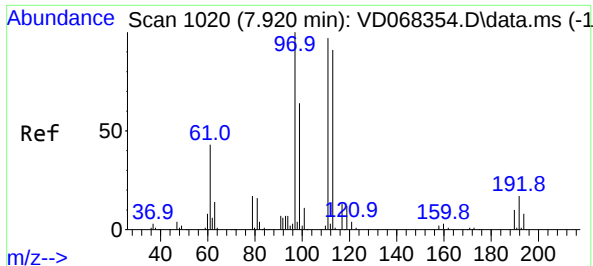
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 114 Resp: 644227
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 14.9 0.0 31.6





#35

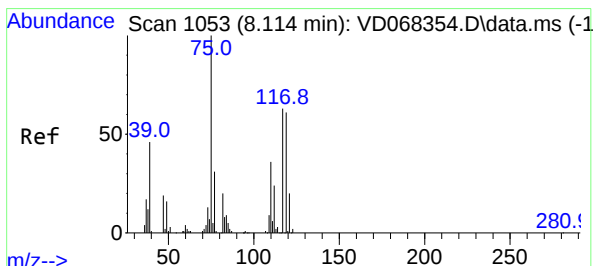
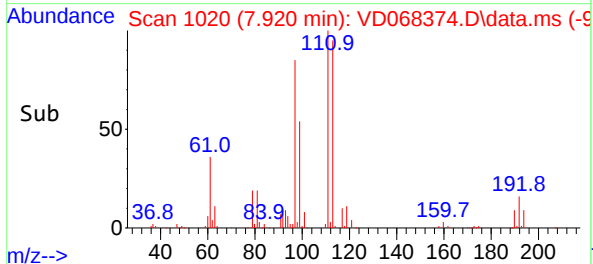
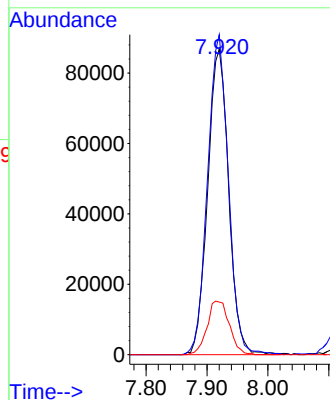
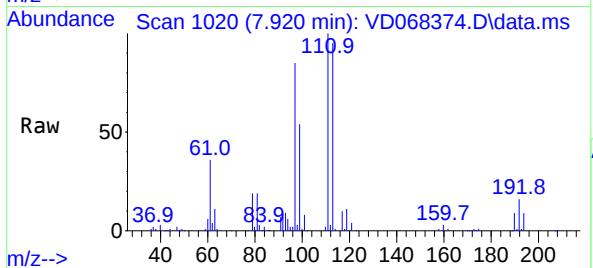
Dibromofluoromethane
Concen: 54.25 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 113 Resp: 207455
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 18.5 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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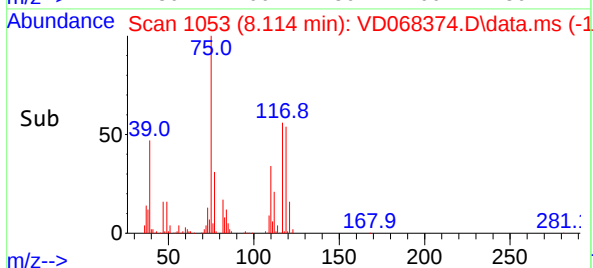
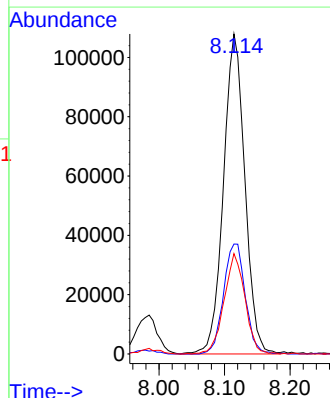
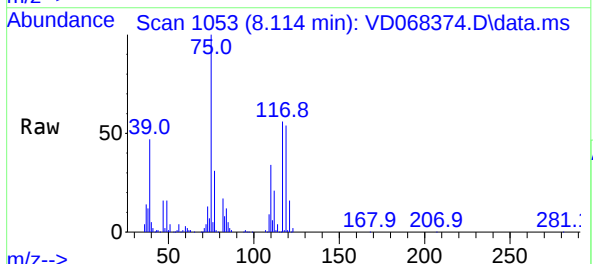
MMDadoda
2/17/2021 12:28:27 PM

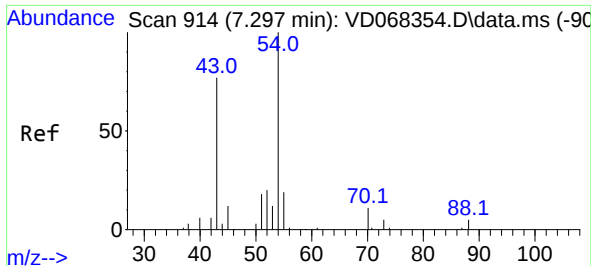


#36

1,1-Dichloropropene
Concen: 42.93 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 75 Resp: 244689
Ion Ratio Lower Upper
75 100
110 34.9 19.4 58.2
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 48.27 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD068374.D

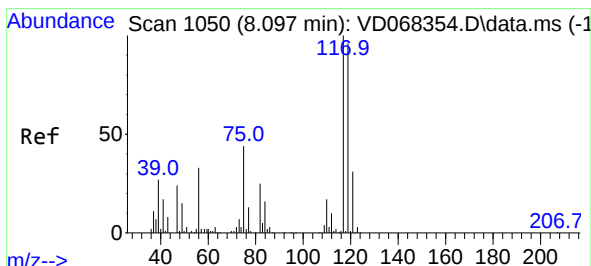
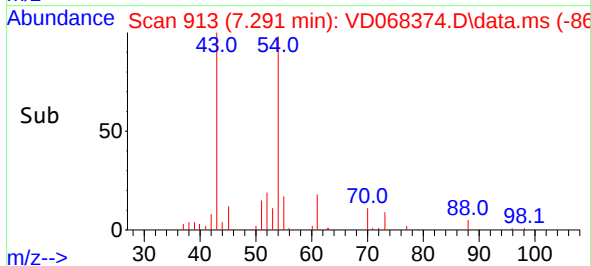
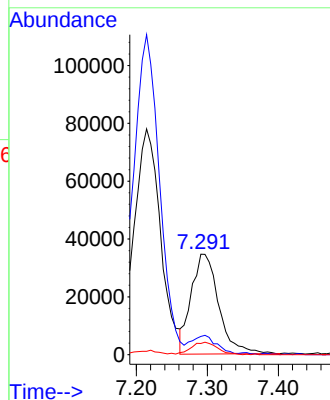
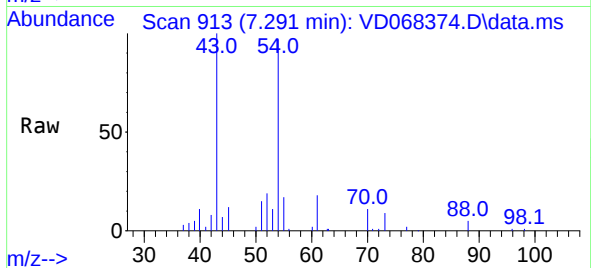
Acq: 16 Feb 2021 17:30

Tgt Ion:	43	Resp:	92961
Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.9	19.3
70	11.8	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#38

Carbon Tetrachloride

Concen: 42.46 ug/l

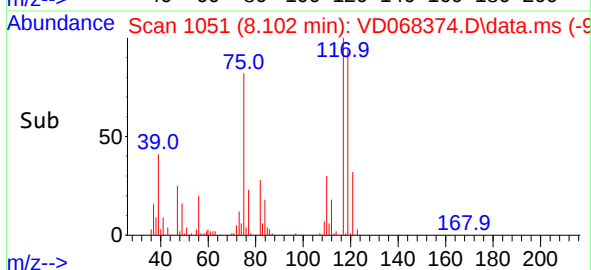
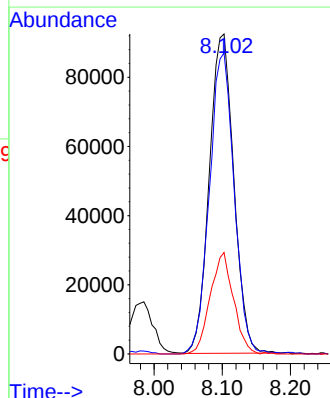
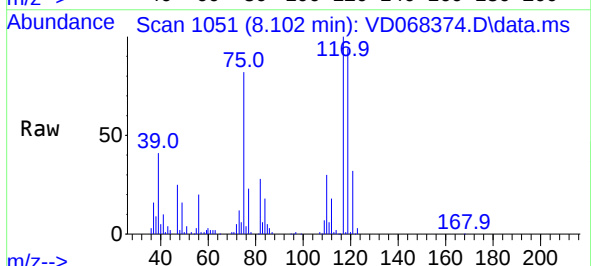
RT: 8.102 min Scan# 1051

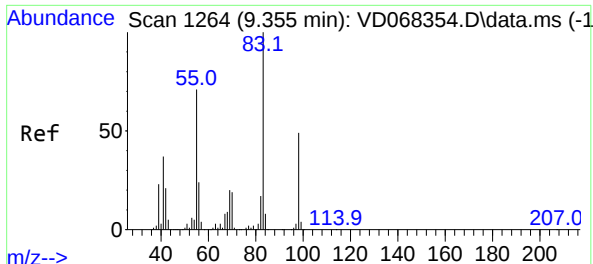
Delta R.T. 0.006 min

Lab File: VD068374.D

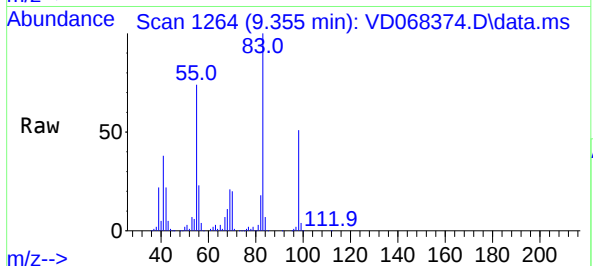
Acq: 16 Feb 2021 17:30

Tgt Ion:	117	Resp:	230838
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.3	115.9
121	31.8	24.7	37.1



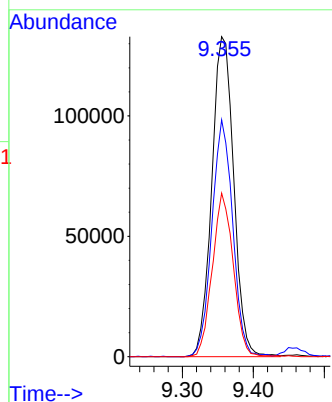


#39
Methylcyclohexane
Concen: 40.82 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 83 Resp: 285382

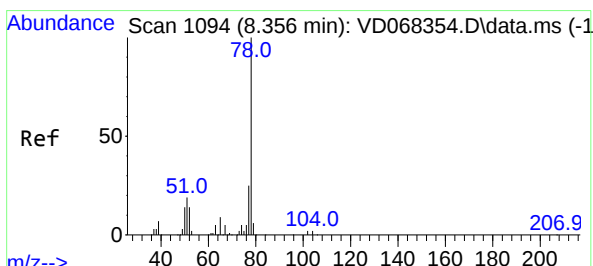
Ion	Ratio	Lower	Upper
83	100		
55	74.0	55.2	82.8
98	51.1	39.1	58.7



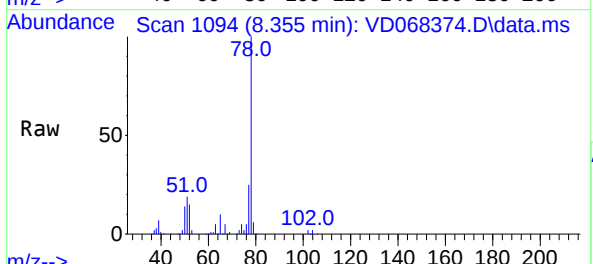
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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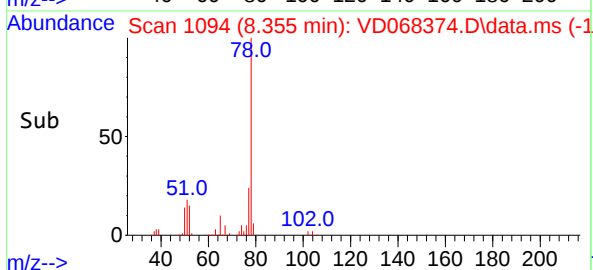
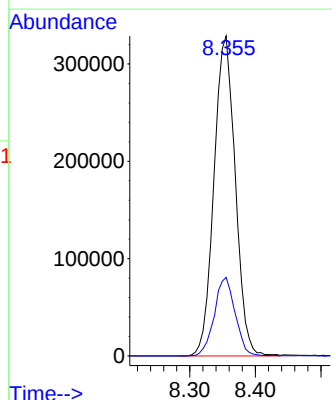


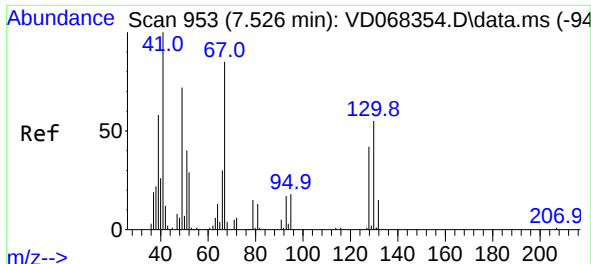
#40
Benzene
Concen: 45.60 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 78 Resp: 741346

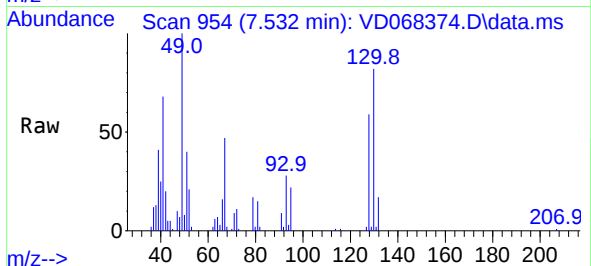
Ion	Ratio	Lower	Upper
78	100		
77	24.5	17.8	26.6





#41
Methacrylonitrile
Concen: 49.43 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

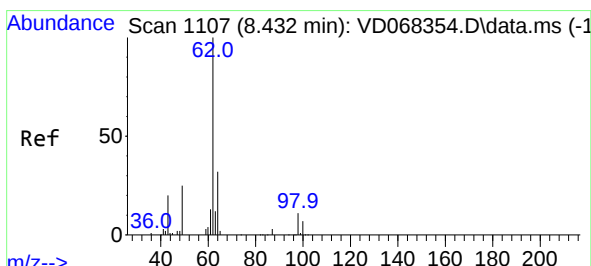
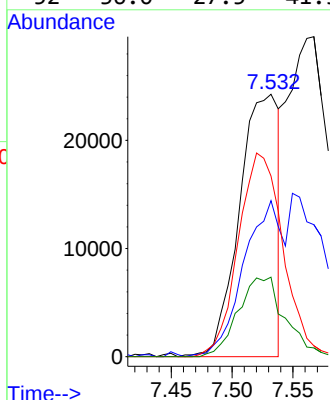
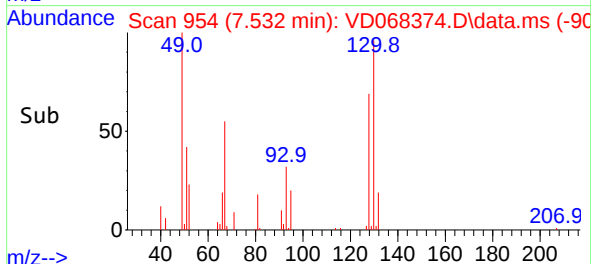
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



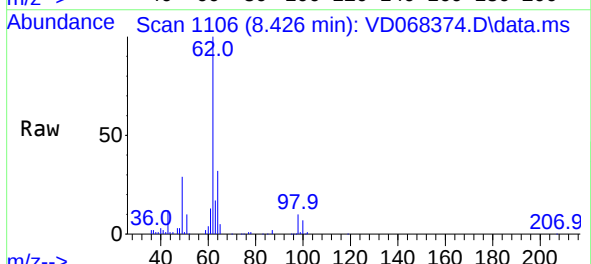
Tgt Ion: 41 Resp: 54798
Ion Ratio Lower Upper
41 100
39 59.3 45.2 67.8
67 88.5 67.4 101.2
52 36.0 27.5 41.3

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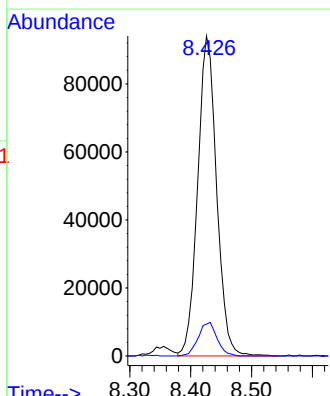
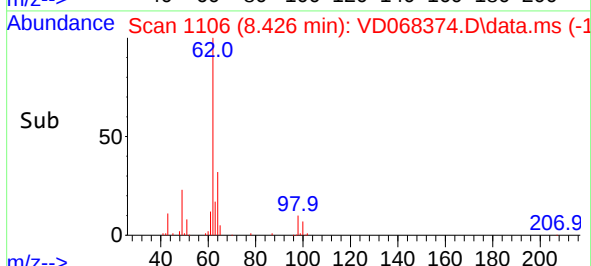
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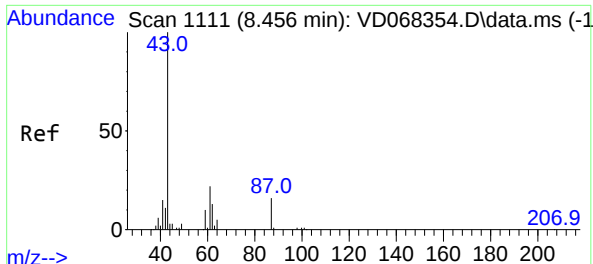


#42
1,2-Dichloroethane
Concen: 46.80 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



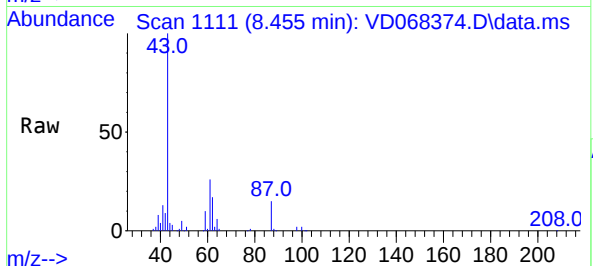
Tgt Ion: 62 Resp: 202952
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 49.84 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

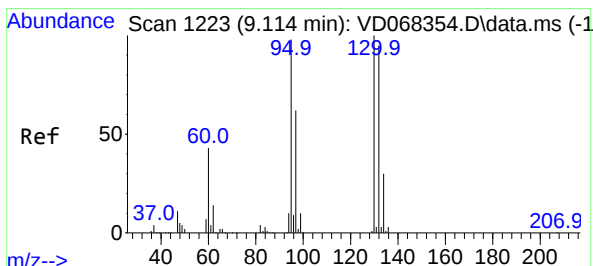
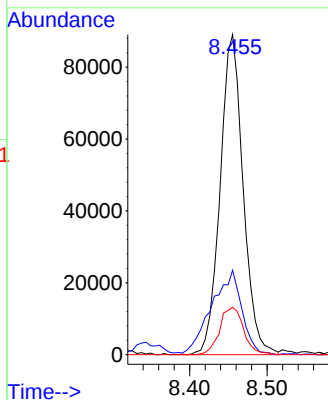
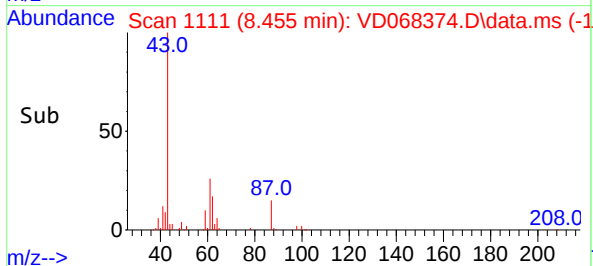
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



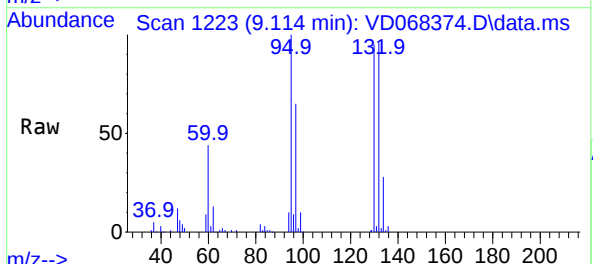
Tgt Ion: 43 Resp: 183800
Ion Ratio Lower Upper
43 100
61 34.7 28.7 43.1
87 15.4 13.9 20.9

Manual Integrations
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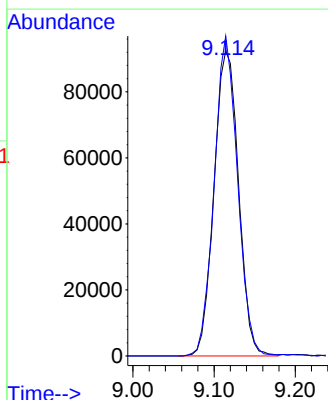
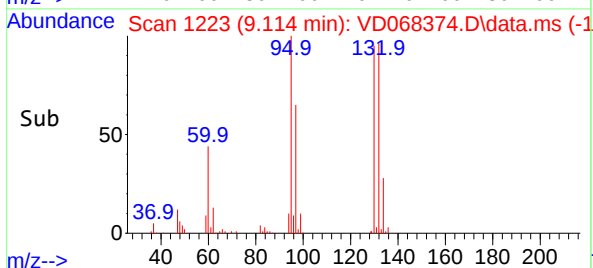
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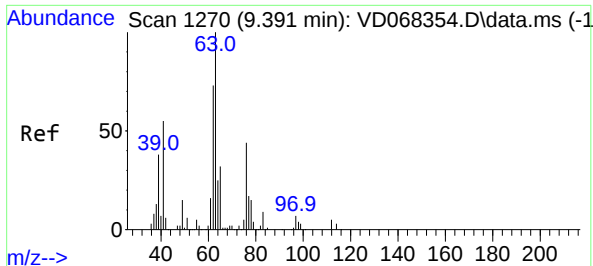


#44
Trichloroethene
Concen: 43.86 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion:130 Resp: 194058
Ion Ratio Lower Upper
130 100
95 104.8 0.0 191.2





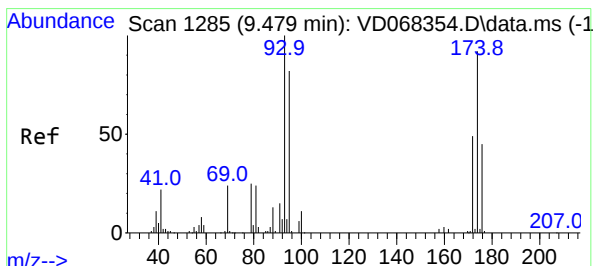
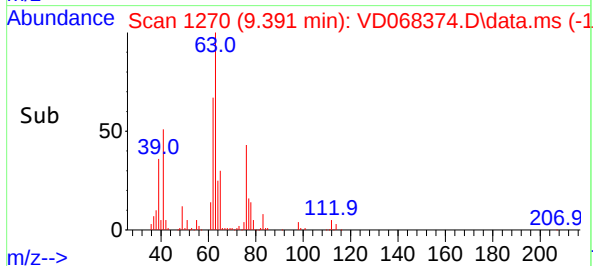
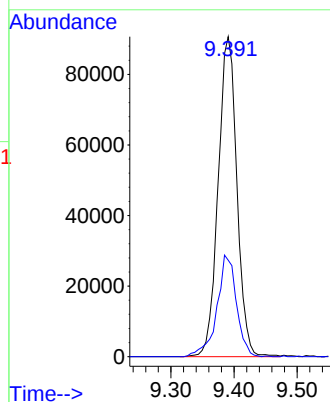
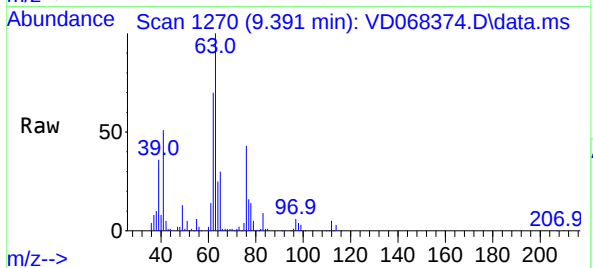
#45
1,2-Dichloropropane
Concen: 47.20 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 63 Resp: 187238
Ion Ratio Lower Upper
63 100
65 30.1 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

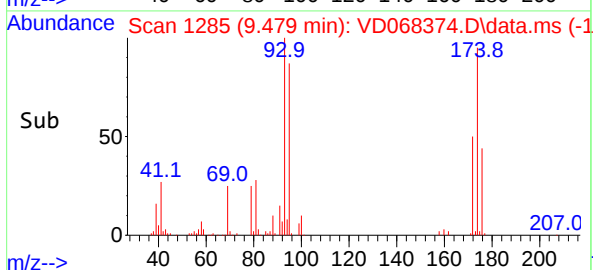
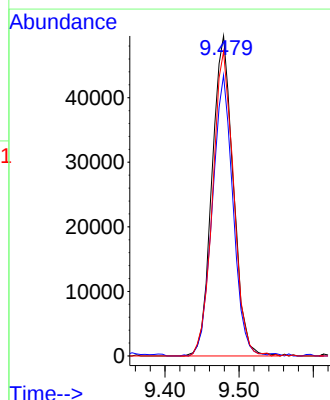
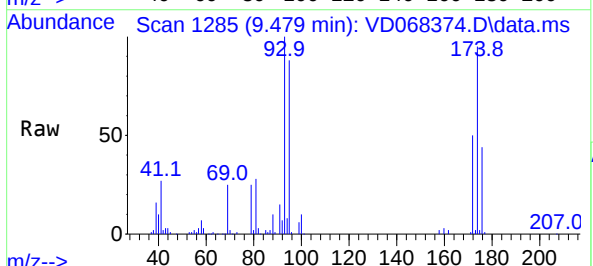
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#46
Dibromomethane
Concen: 45.89 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

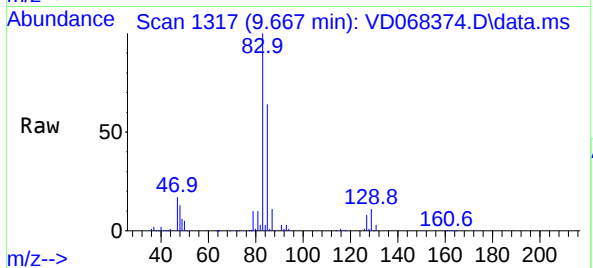
Tgt Ion: 93 Resp: 98752
Ion Ratio Lower Upper
93 100
95 84.9 67.3 100.9
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 46.75 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

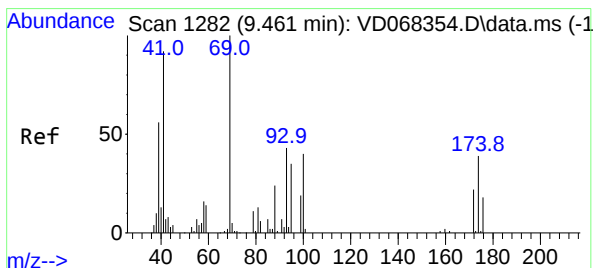
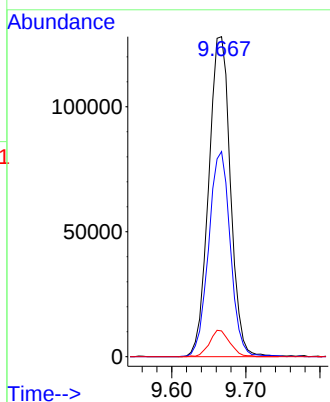
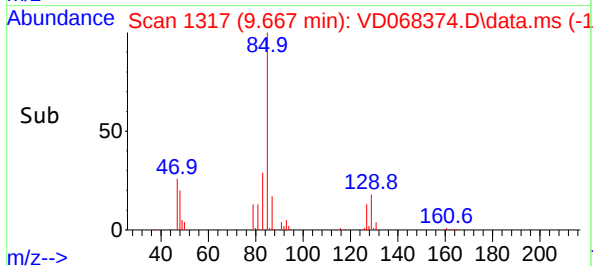
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



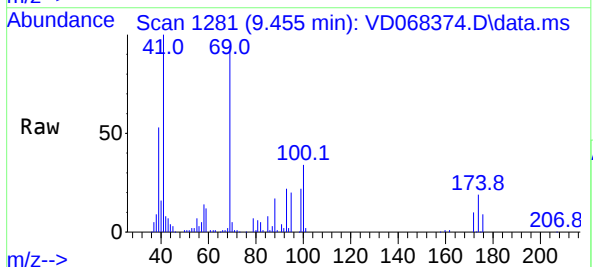
Tgt Ion: 83 Resp: 260808
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4
127 8.0 7.4 11.0

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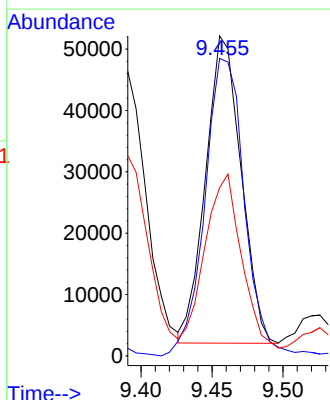
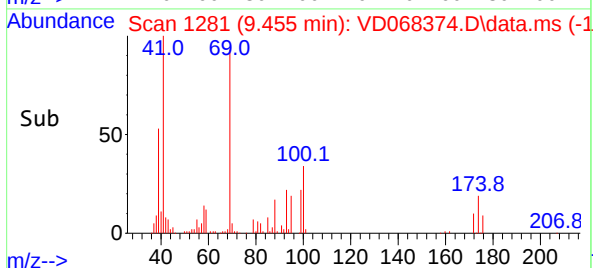
MMDadoda
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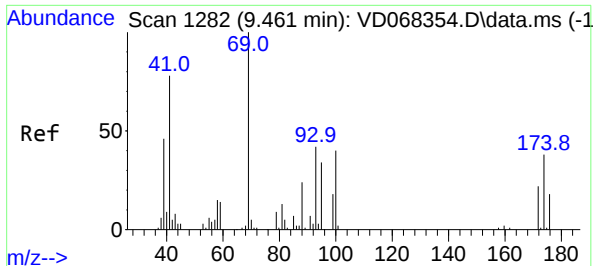


#48
Methyl methacrylate
Concen: 47.37 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 41 Resp: 87183
Ion Ratio Lower Upper
41 100
69 108.4 77.1 115.7
39 58.0 41.5 62.3





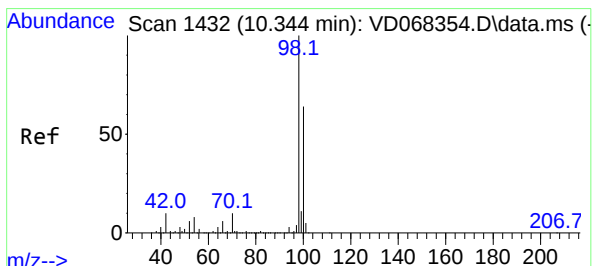
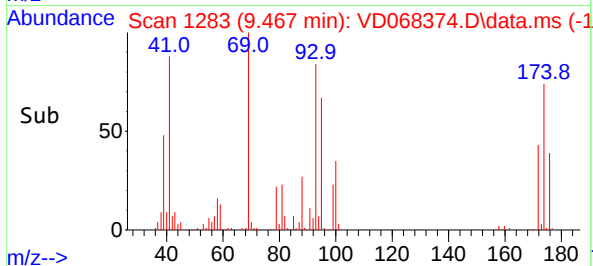
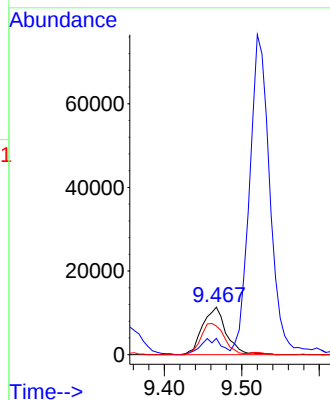
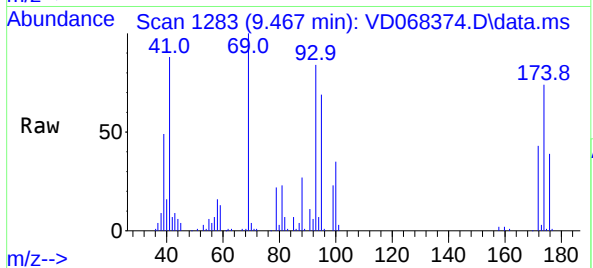
#49
1,4-Dioxane
Concen: 957.96 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 88 Resp: 24084
Ion Ratio Lower Upper
88 100
43 30.8 22.1 33.1
58 64.6 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

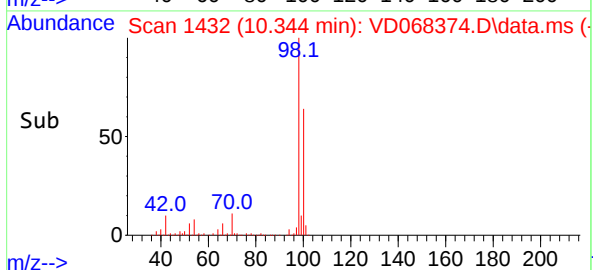
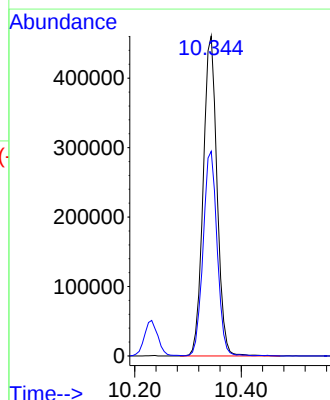
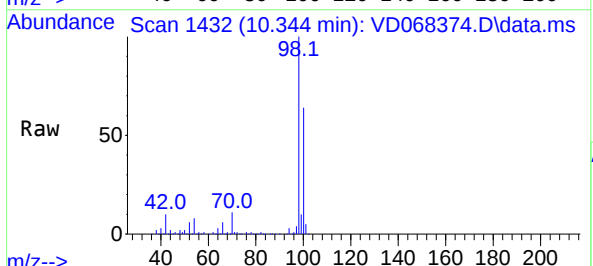
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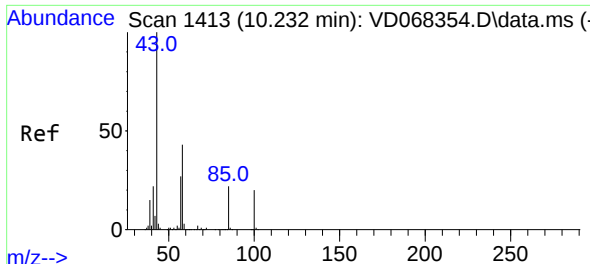
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#50
Toluene-d8
Concen: 52.33 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 98 Resp: 829373
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4





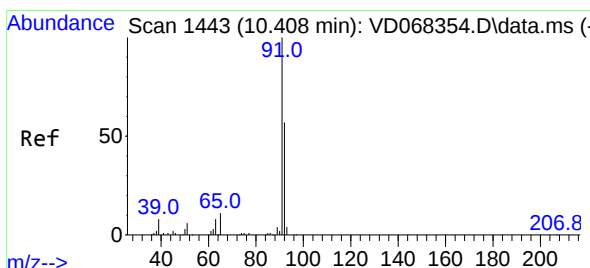
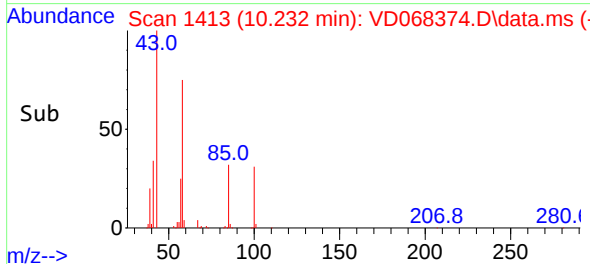
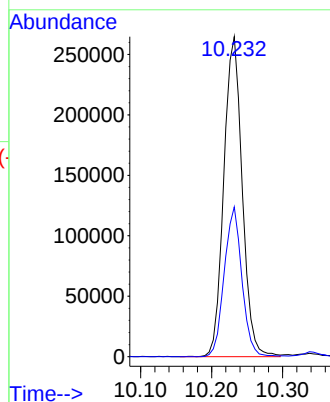
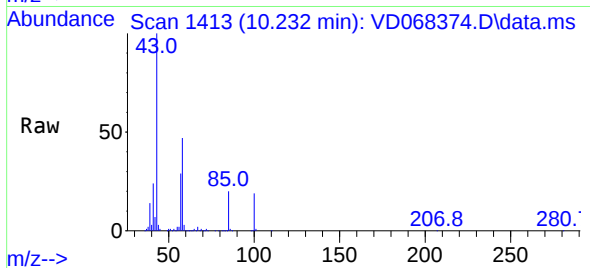
#51
4-Methyl-2-Pentanone
Concen: 251.47 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 43 Resp: 476304
Ion Ratio Lower Upper
43 100
58 44.9 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

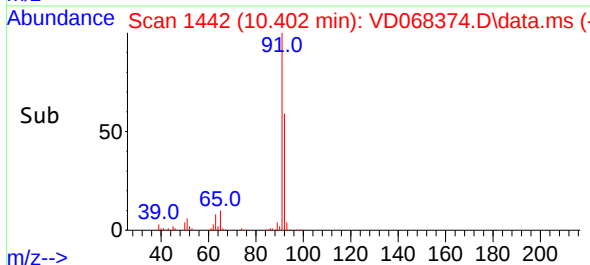
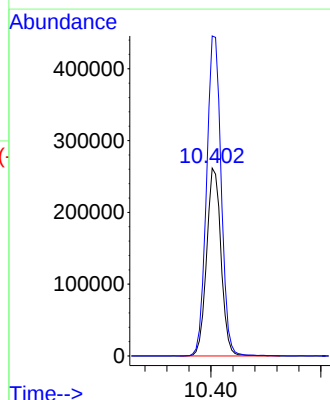
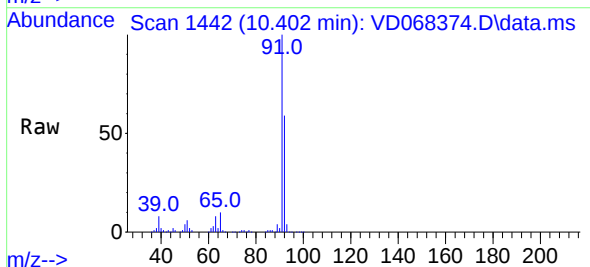
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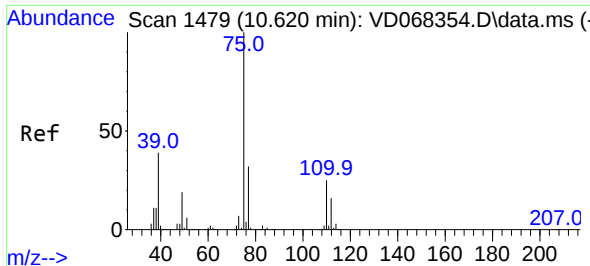
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#52
Toluene
Concen: 45.45 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

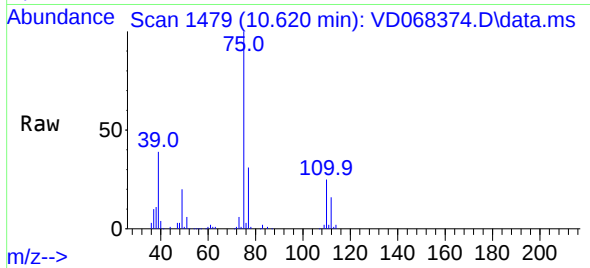
Tgt Ion: 92 Resp: 475035
Ion Ratio Lower Upper
92 100
91 173.3 134.1 201.1





#53
t-1,3-Dichloropropene
Concen: 47.03 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

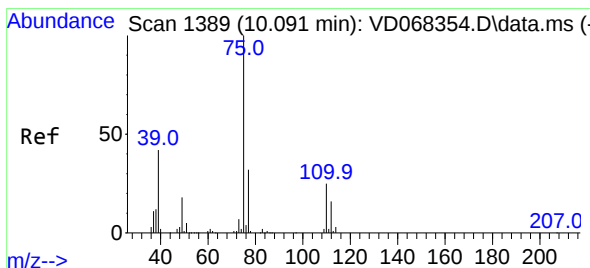
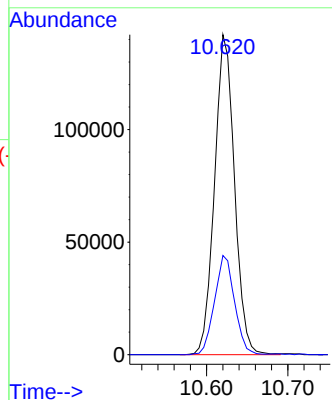
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



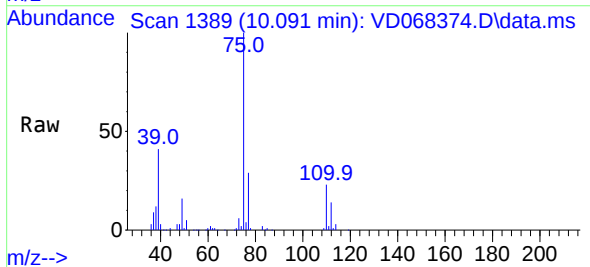
Tgt Ion: 75 Resp: 242841
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

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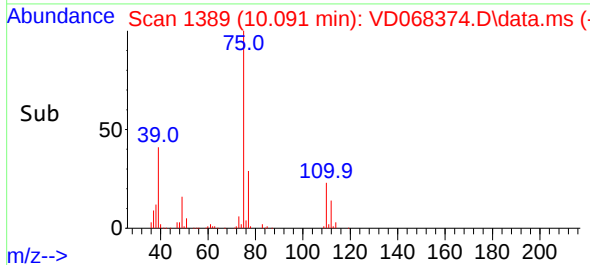
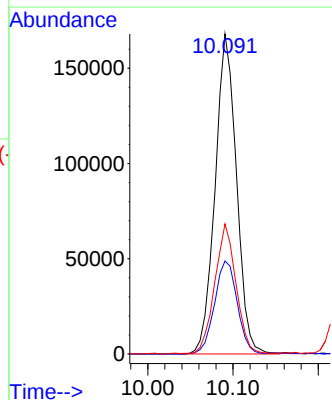
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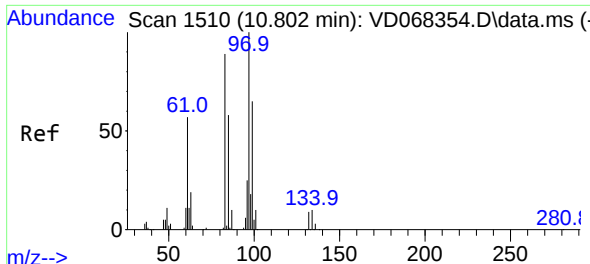


#54
cis-1,3-Dichloropropene
Concen: 46.35 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



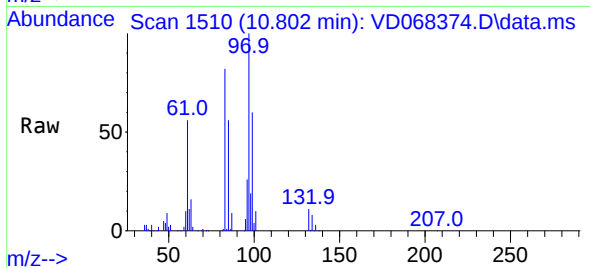
Tgt Ion: 75 Resp: 292376
Ion Ratio Lower Upper
75 100
77 29.1 24.6 37.0
39 40.5 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 48.19 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

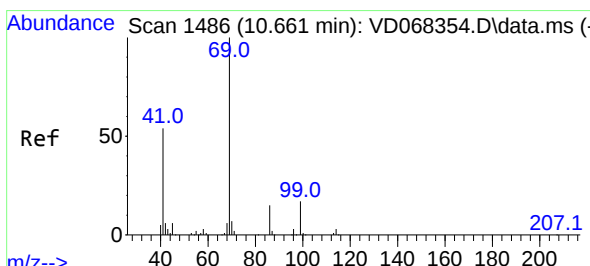
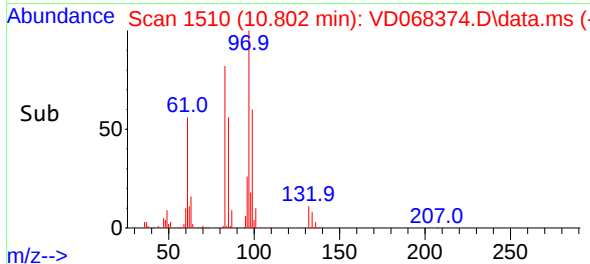
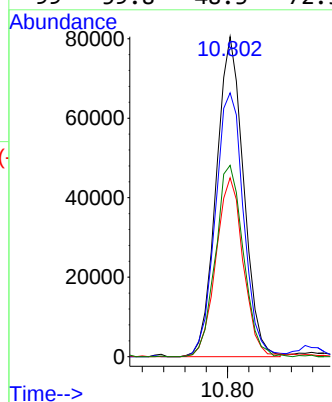


Tgt Ion: 97 Resp: 143252

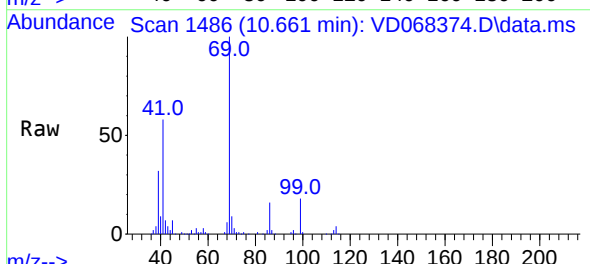
Ion	Ratio	Lower	Upper
97	100		
83	82.4	61.8	92.6
85	55.9	42.2	63.2
99	59.8	48.3	72.5

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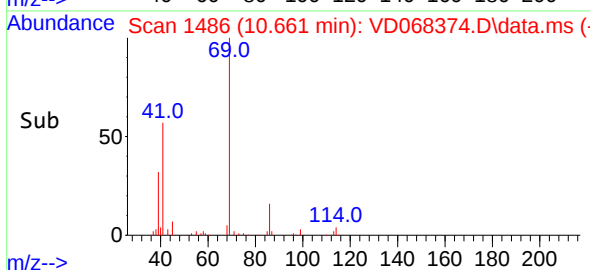
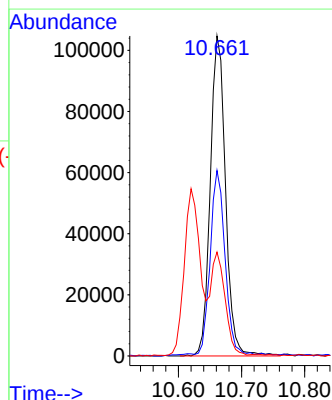


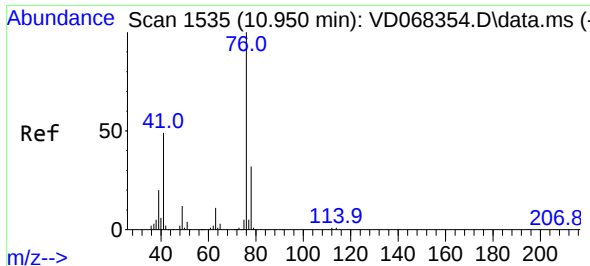
#56
Ethyl methacrylate
Concen: 49.86 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 69 Resp: 175879

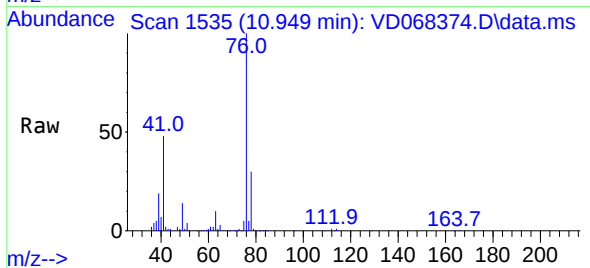
Ion	Ratio	Lower	Upper
69	100		
41	57.9	44.9	67.3
39	30.1	21.9	32.9





#57
1,3-Dichloropropane
Concen: 47.64 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

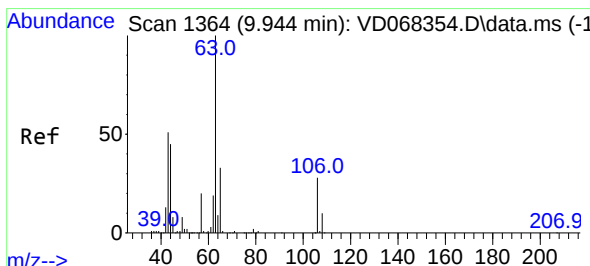
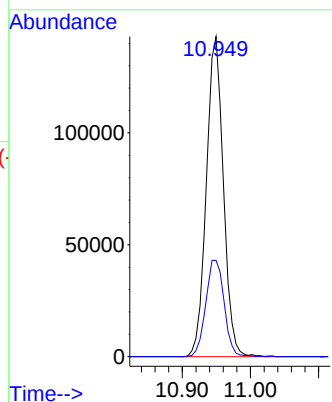
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



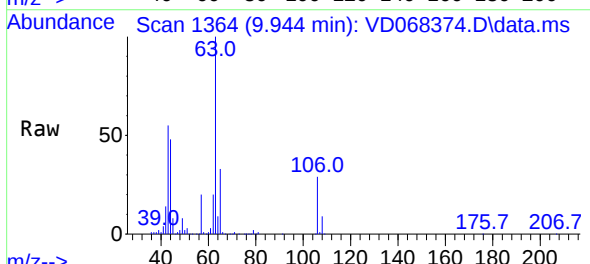
Tgt Ion: 76 Resp: 248504
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

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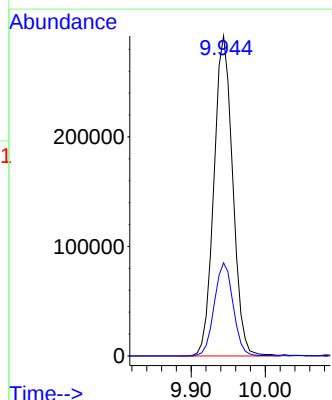
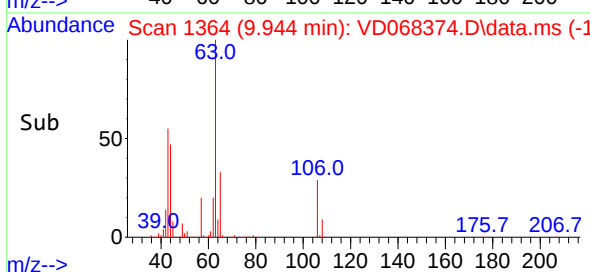
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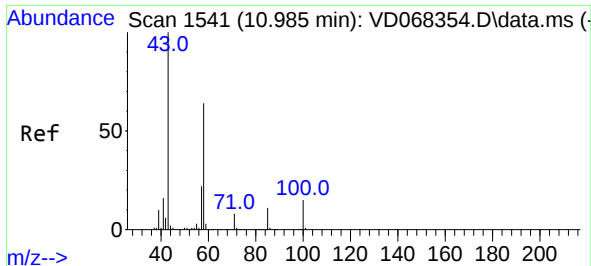


#58
2-Chloroethyl Vinyl ether
Concen: 273.04 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 63 Resp: 515684
Ion Ratio Lower Upper
63 100
106 29.1 27.0 40.4





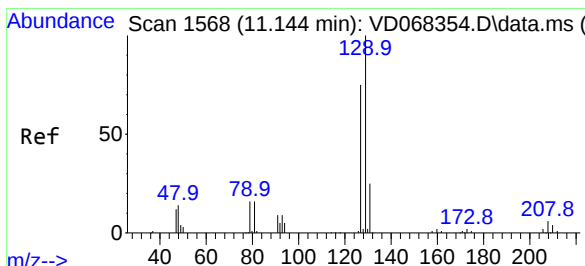
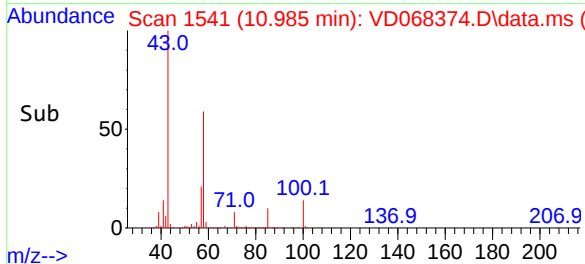
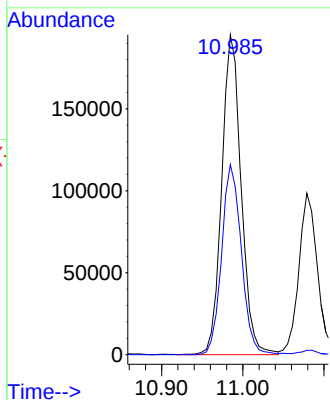
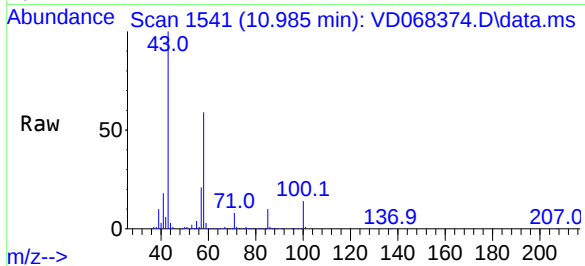
#59
2-Hexanone
Concen: 253.71 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 43 Resp: 324847
Ion Ratio Lower Upper
43 100
58 60.4 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

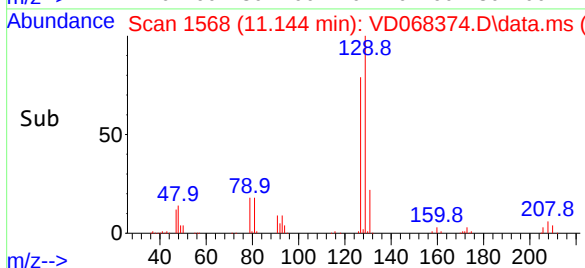
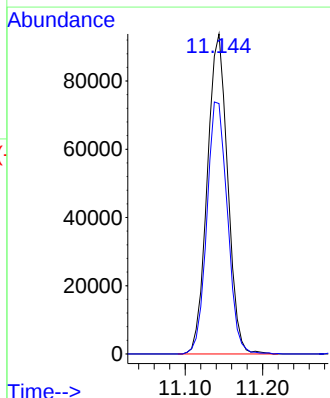
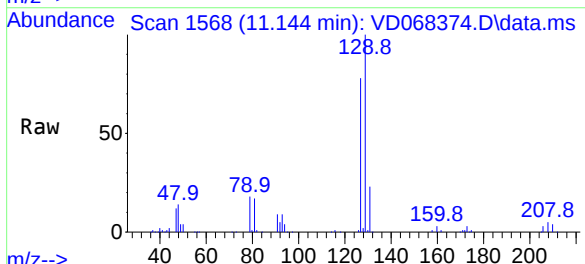
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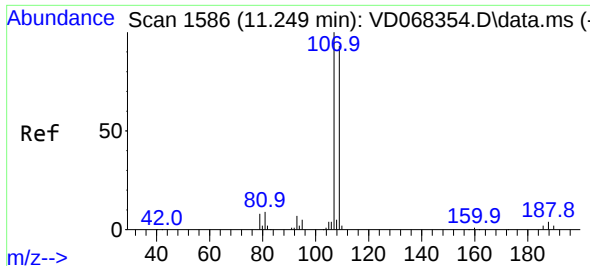
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#60
Dibromochloromethane
Concen: 46.38 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

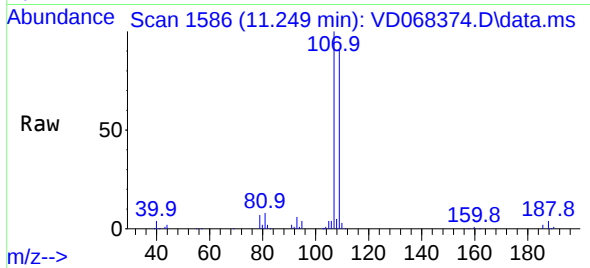
Tgt Ion: 129 Resp: 171078
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.66 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

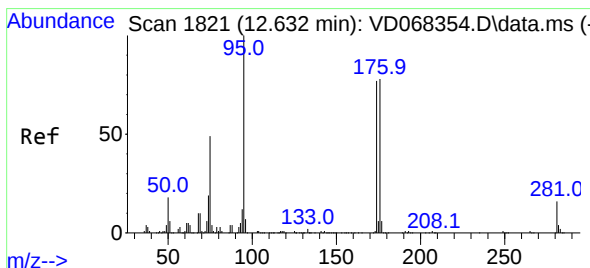
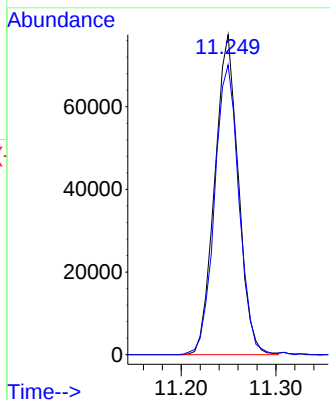
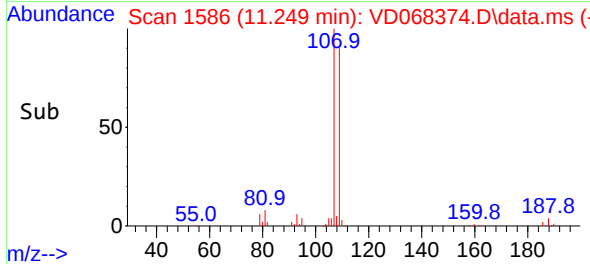
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



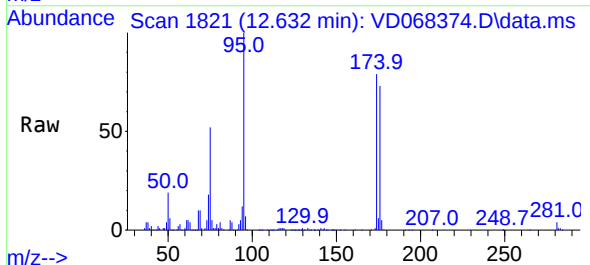
Tgt Ion:107 Resp: 134047
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

Manual Integrations
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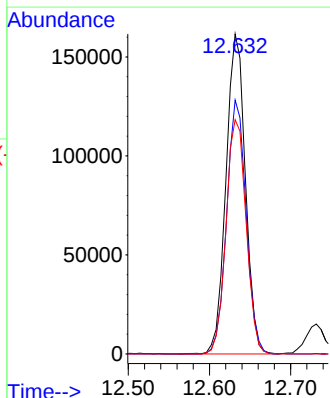
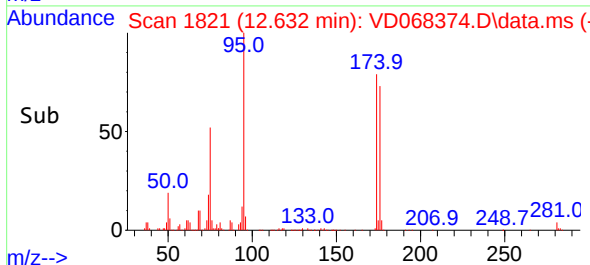
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2/17/2021 12:28:27 PM

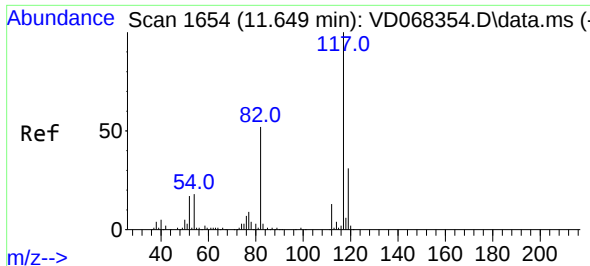


#62
4-Bromofluorobenzene
Concen: 51.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



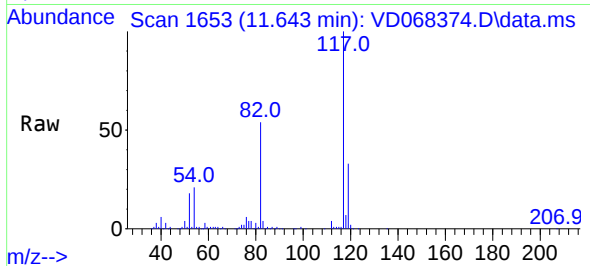
Tgt Ion: 95 Resp: 267529
Ion Ratio Lower Upper
95 100
174 79.7 0.0 172.4
176 75.8 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

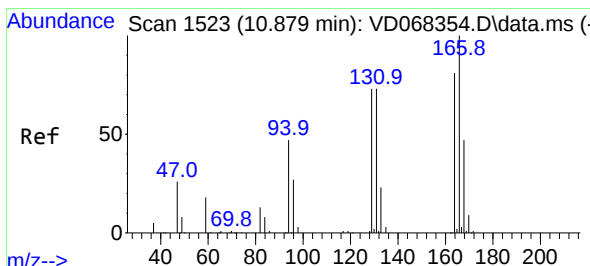
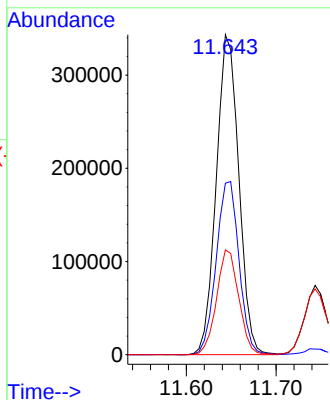
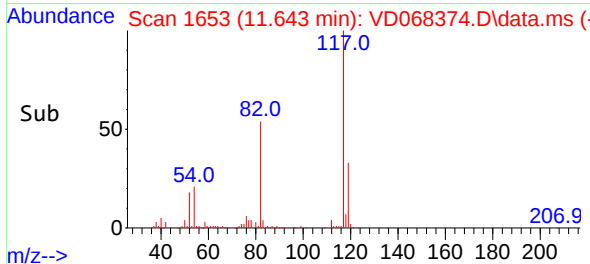
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



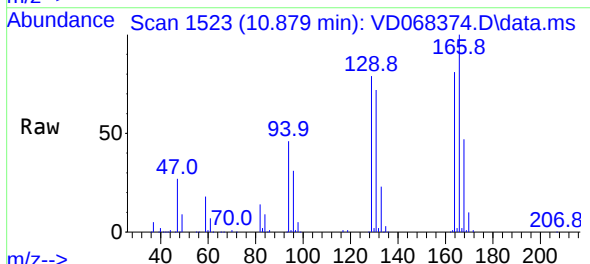
Tgt Ion:117 Resp: 600091
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.0
119 32.8 26.1 39.1

Manual Integrations
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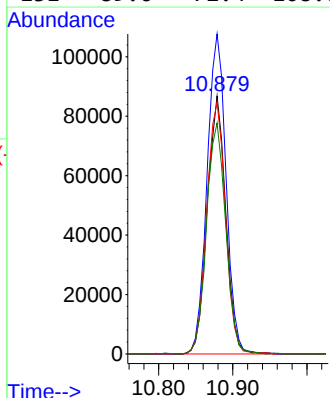
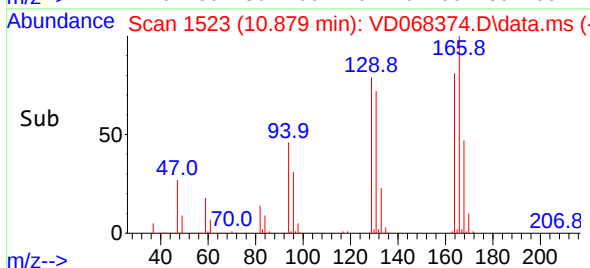
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2/17/2021 12:28:27 PM

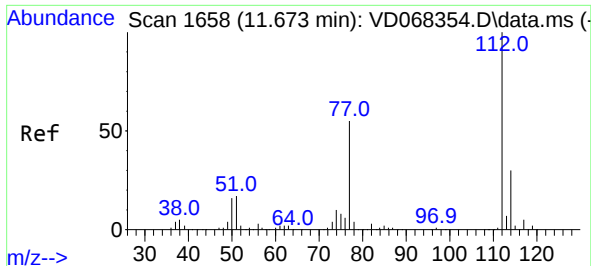


#64
Tetrachloroethene
Concen: 41.07 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



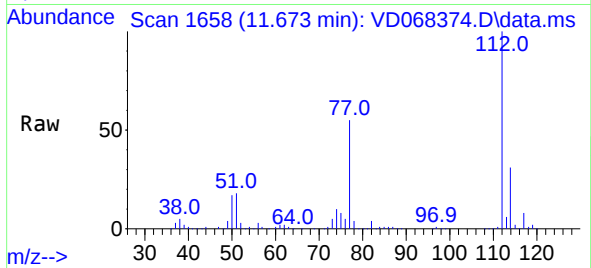
Tgt Ion:164 Resp: 151647
Ion Ratio Lower Upper
164 100
166 124.1 105.5 158.3
129 97.5 75.6 113.4
131 89.6 72.4 108.6





#65
Chlorobenzene
Concen: 44.73 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

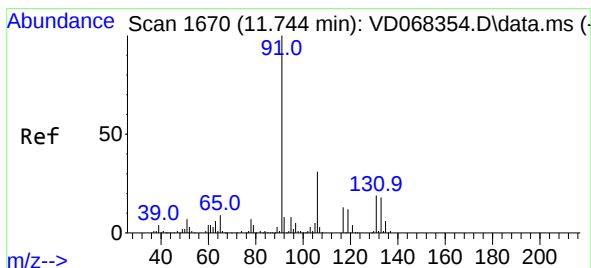
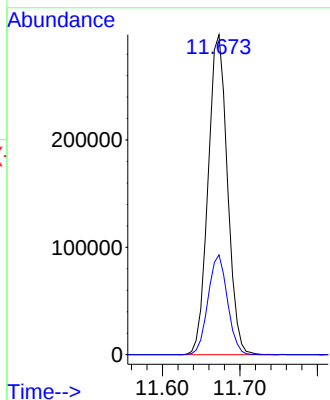
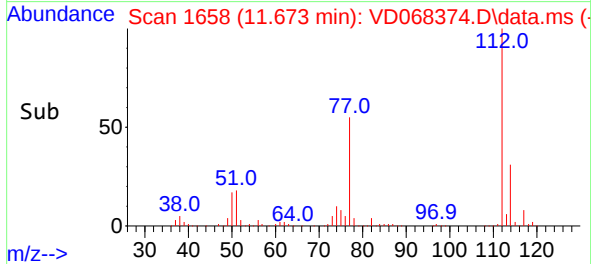
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



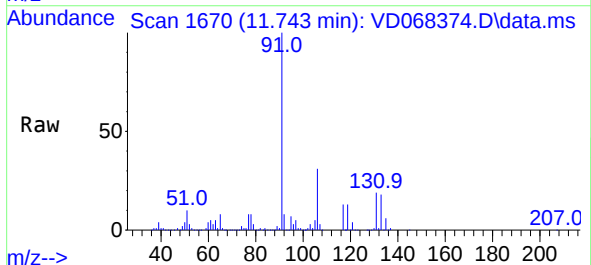
Tgt Ion:112 Resp: 516078
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

Manual Integrations
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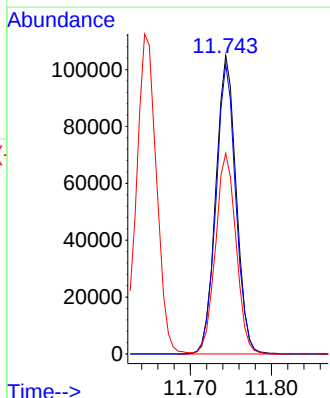
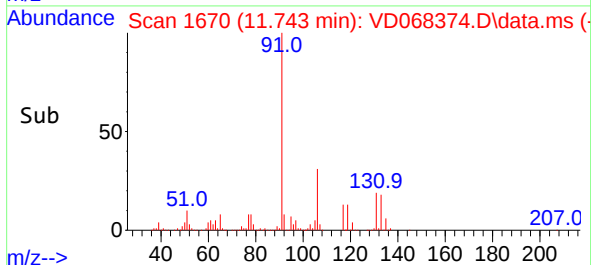
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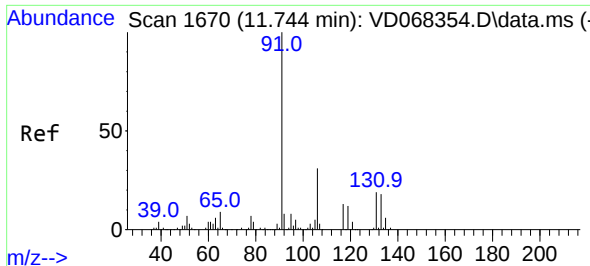


#66
1,1,1,2-Tetrachloroethane
Concen: 45.22 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion:131 Resp: 182044
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 68.2 31.6 94.8





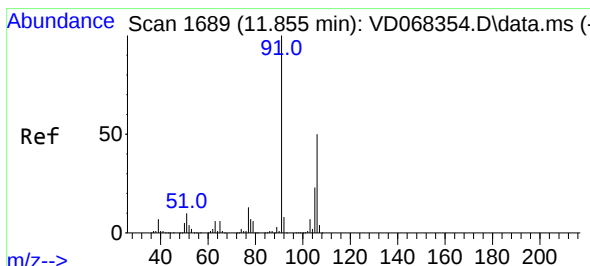
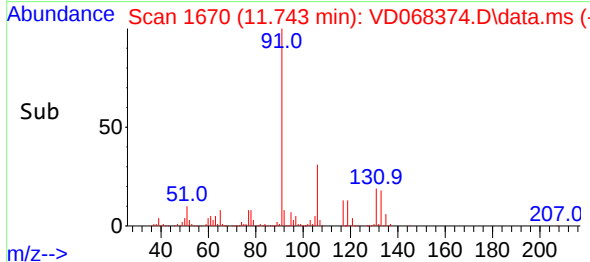
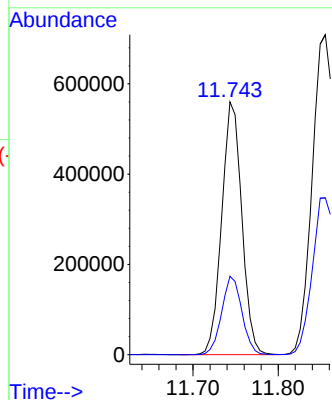
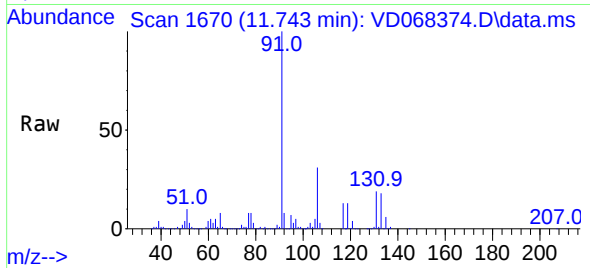
#67
Ethyl Benzene
Concen: 44.47 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 91 Resp: 919943
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

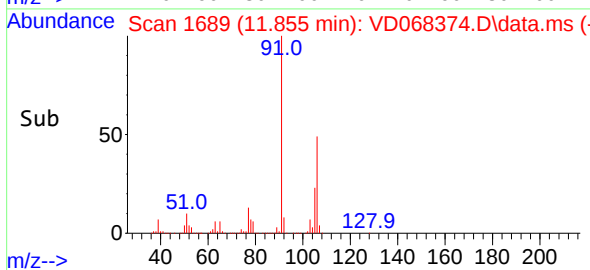
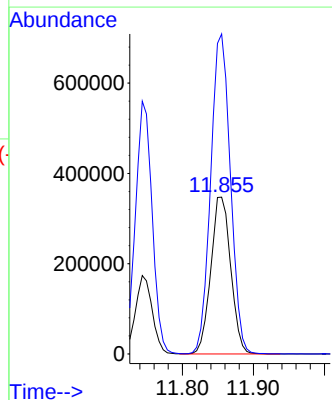
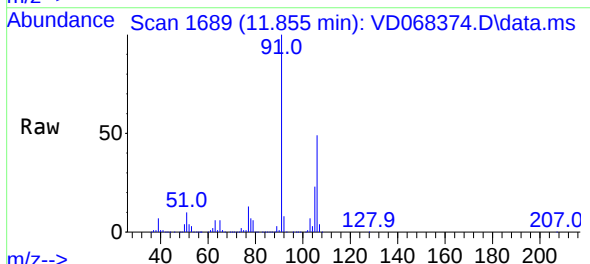
Manual Integrations
APPROVED

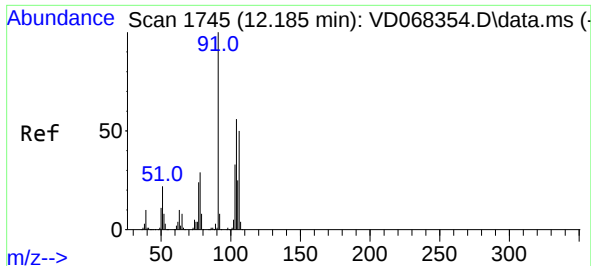
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#68
m/p-Xylenes
Concen: 86.41 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion:106 Resp: 675602
Ion Ratio Lower Upper
106 100
91 202.4 159.1 238.7





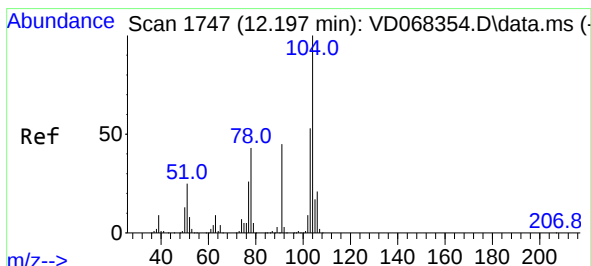
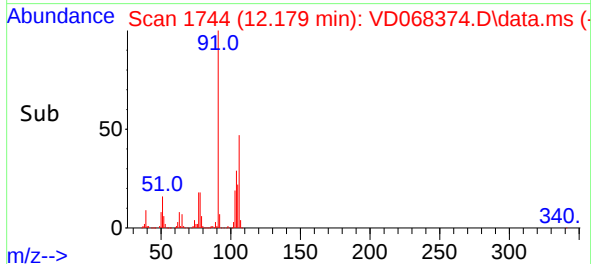
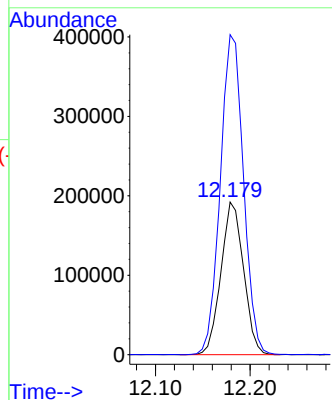
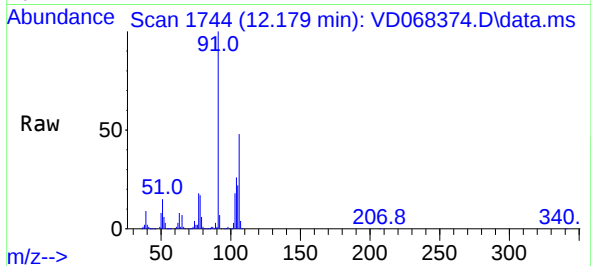
#69
o-Xylene
Concen: 44.51 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion:106 Resp: 319238
Ion Ratio Lower Upper
106 100
91 215.0 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

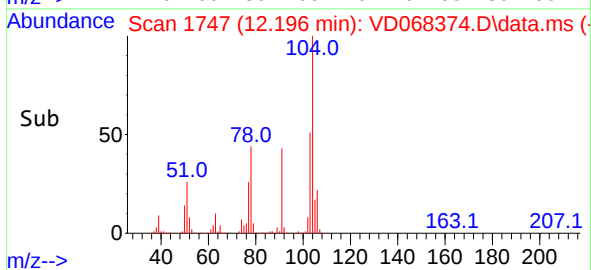
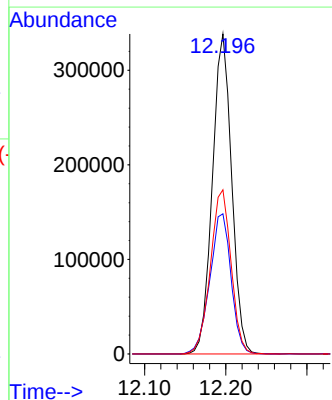
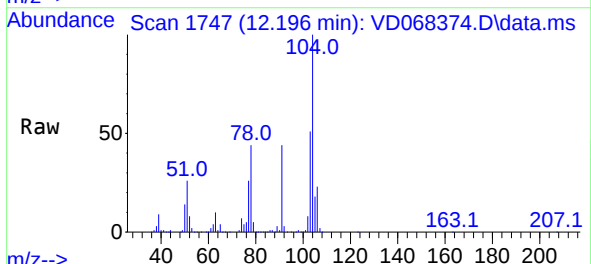
Manual Integrations
APPROVED

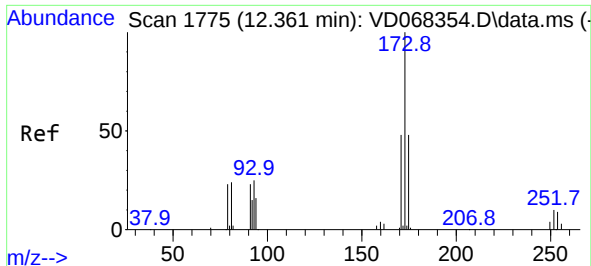
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#70
Styrene
Concen: 44.72 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion:104 Resp: 557930
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.2
103 55.0 43.1 64.7





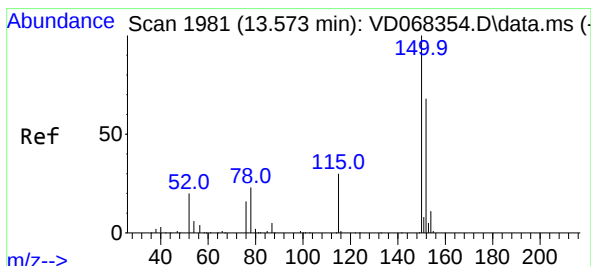
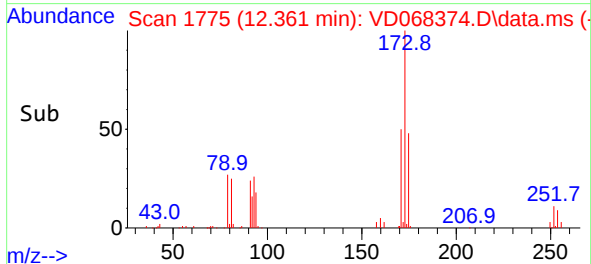
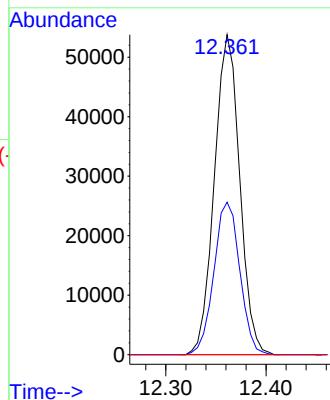
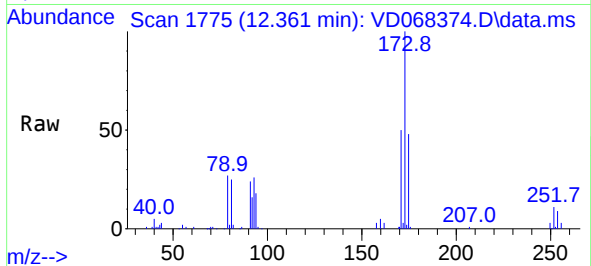
#71
Bromoform
Concen: 45.66 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion:173 Resp: 94457
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

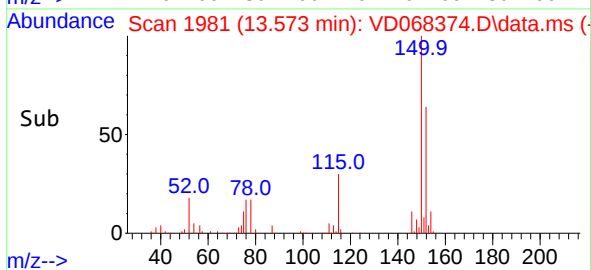
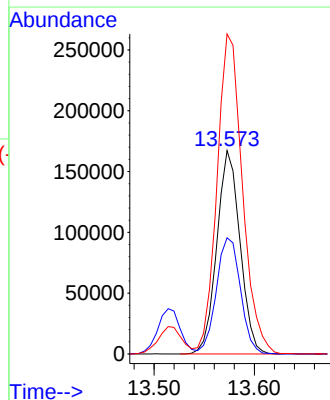
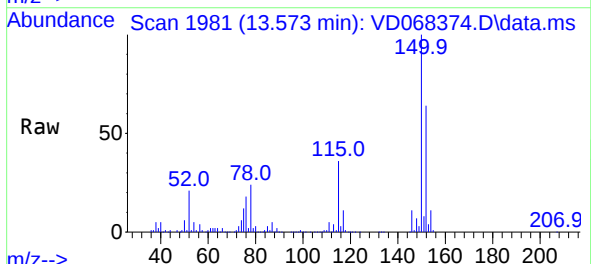
Manual Integrations
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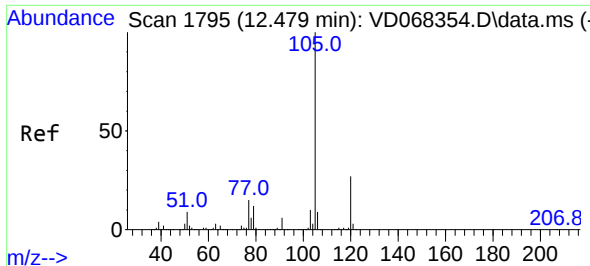
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

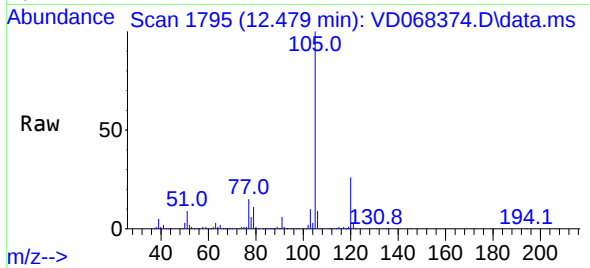
Tgt Ion:152 Resp: 268679
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 172.7 0.0 344.4





#73
Isopropylbenzene
Concen: 44.19 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

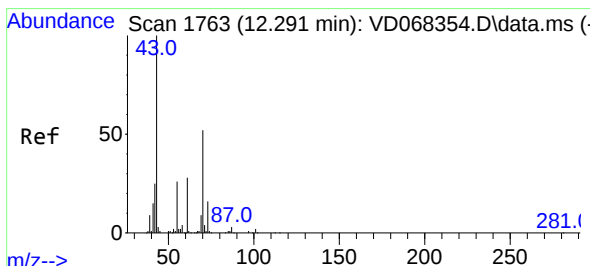
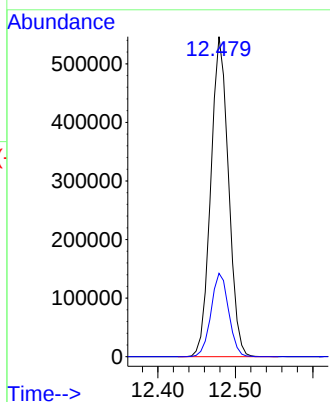
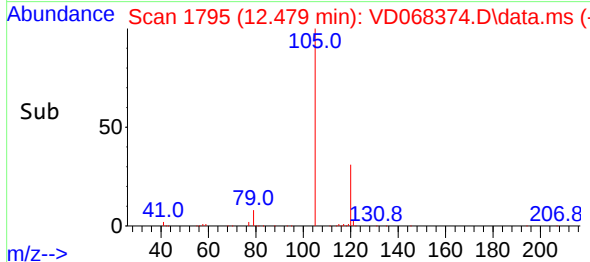
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



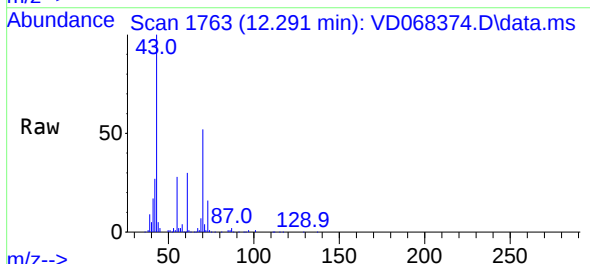
Tgt Ion:105 Resp: 867267
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

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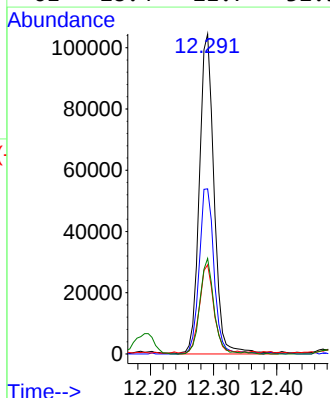
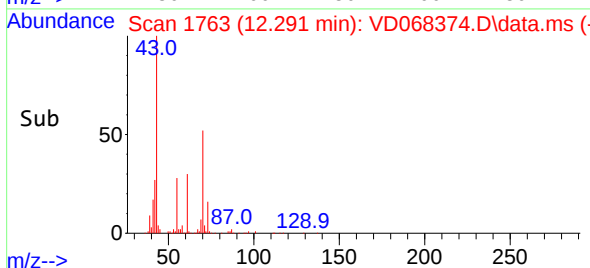
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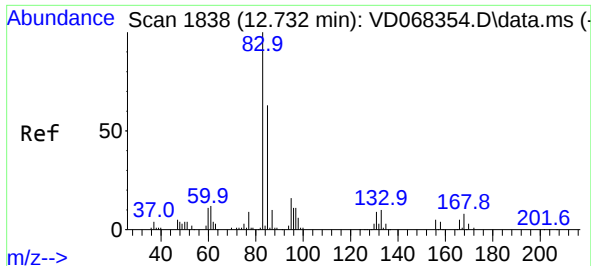


#74
N-ethyl acetate
Concen: 48.86 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



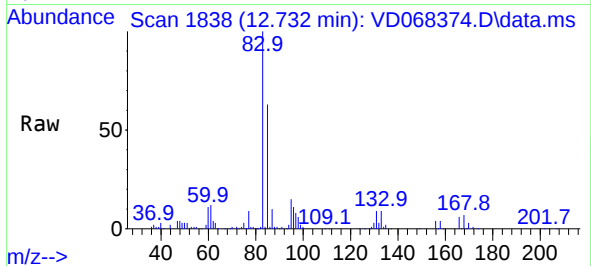
Tgt Ion: 43 Resp: 169322
Ion Ratio Lower Upper
43 100
70 52.2 41.8 62.8
55 27.0 24.2 36.4
61 28.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 48.24 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

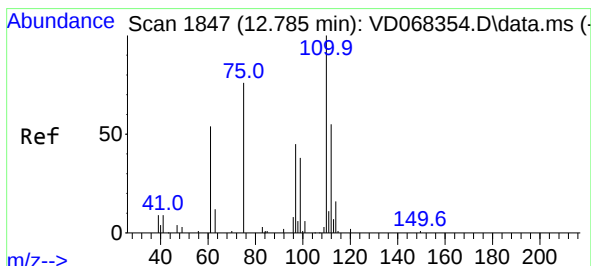
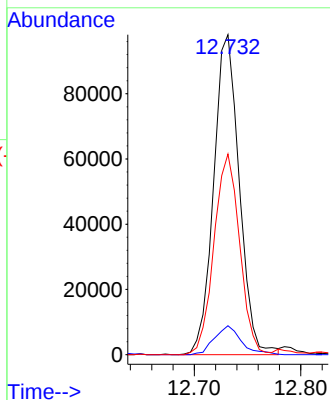
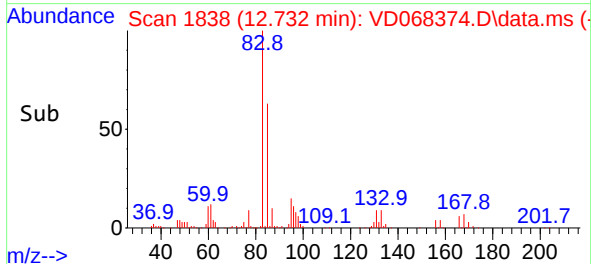
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



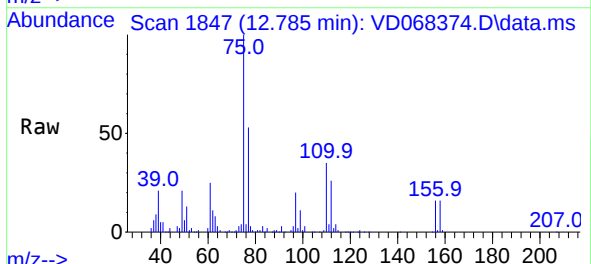
Tgt Ion: 83 Resp: 164057
Ion Ratio Lower Upper
83 100
131 9.5 5.8 17.4
85 62.6 32.4 97.2

Manual Integrations
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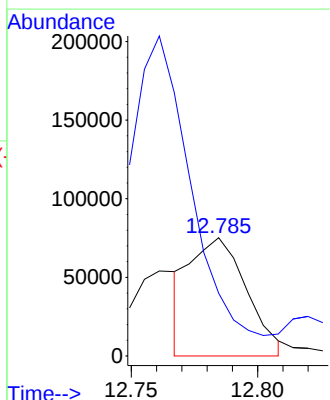
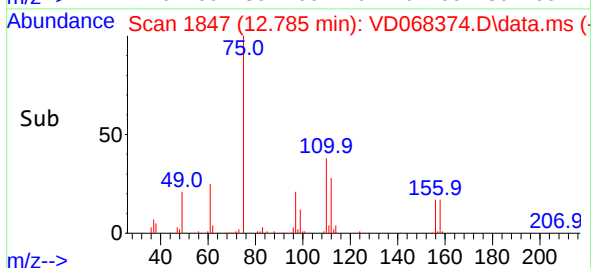
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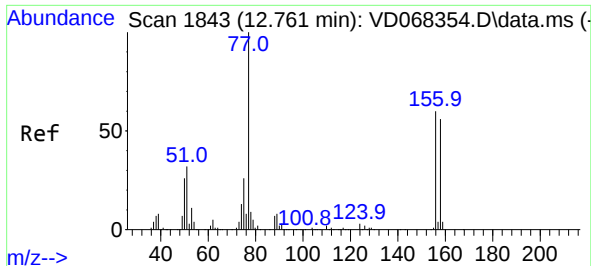


#76
1,2,3-Trichloropropane
Concen: 45.84 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion: 75 Resp: 117187
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





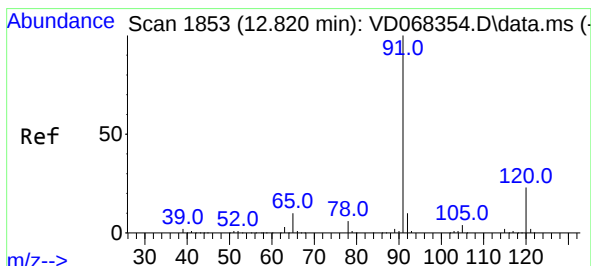
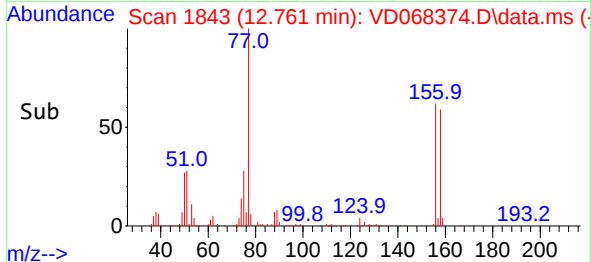
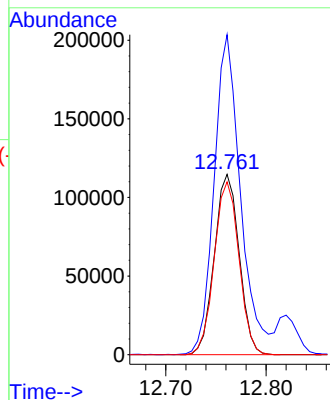
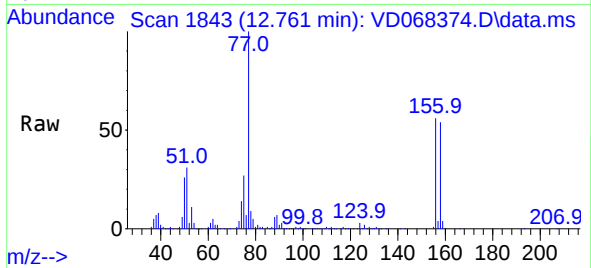
#77
Bromobenzene
Concen: 44.91 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 156 Resp: 196883
Ion Ratio Lower Upper
156 100
77 188.2 82.8 248.3
158 95.7 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

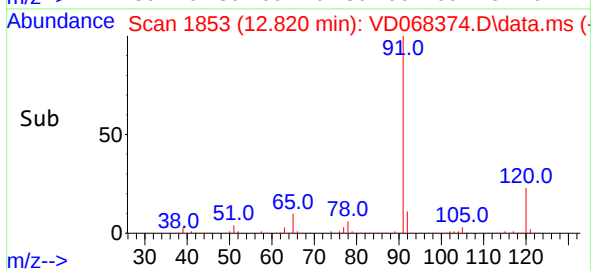
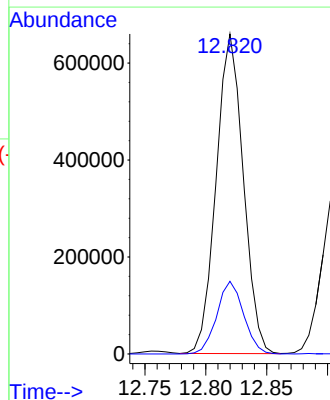
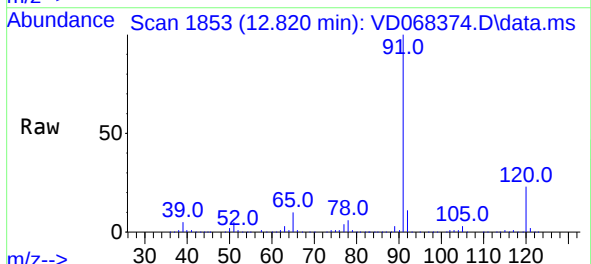
Manual Integrations
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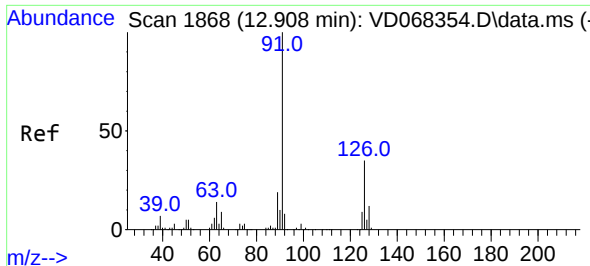
MMDadoda
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#78
n-propylbenzene
Concen: 43.49 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

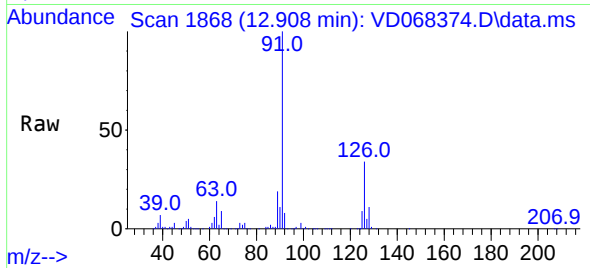
Tgt Ion: 91 Resp: 1021746
Ion Ratio Lower Upper
91 100
120 22.4 12.0 36.0





#79
2-Chlorotoluene
Concen: 43.90 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

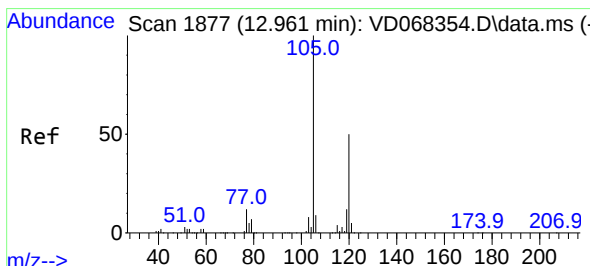
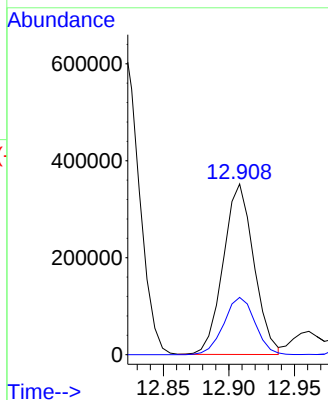
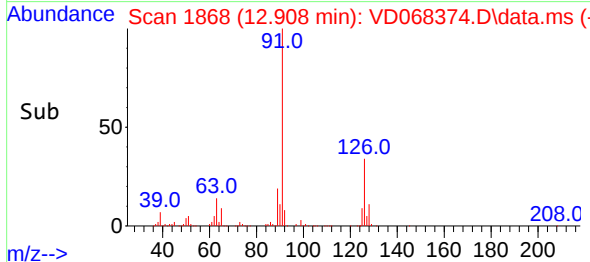
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



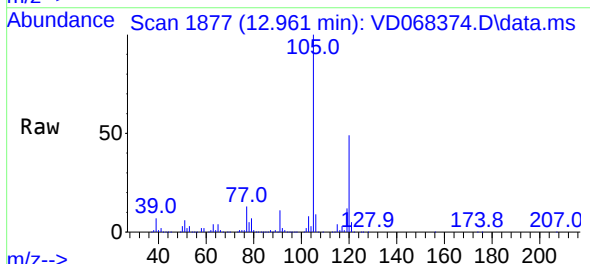
Tgt Ion: 91 Resp: 571209
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5

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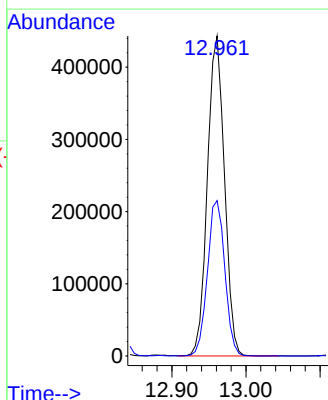
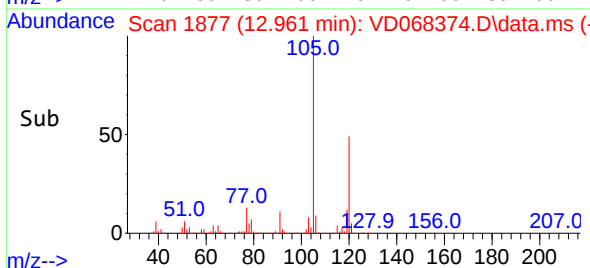
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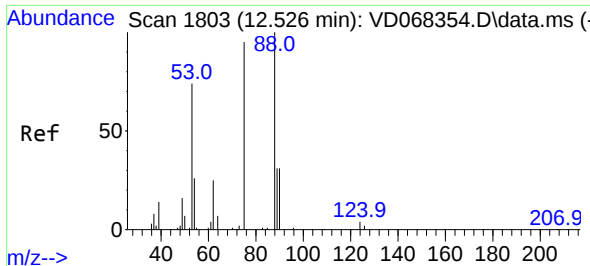


#80
1,3,5-Trimethylbenzene
Concen: 44.26 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



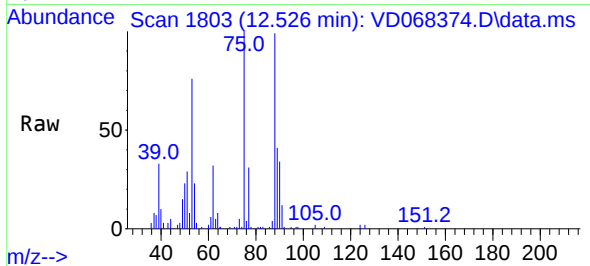
Tgt Ion:105 Resp: 709736
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.19 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

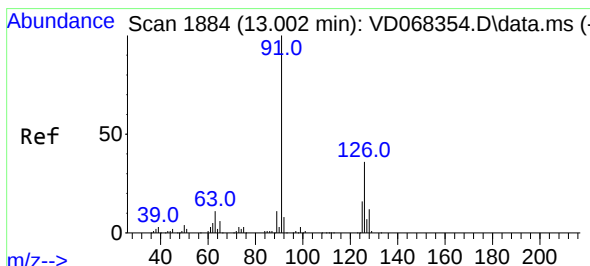
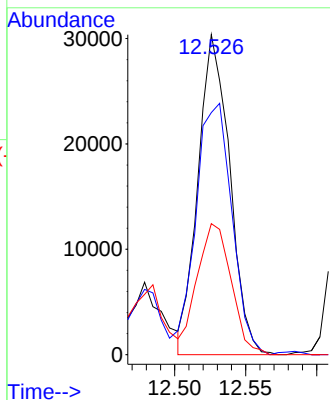
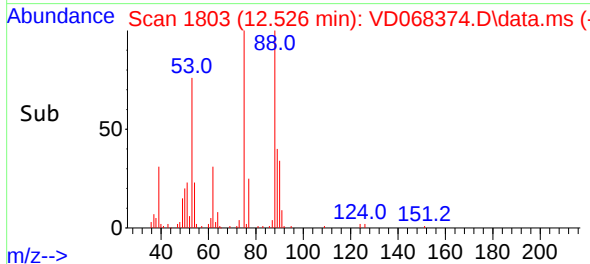
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



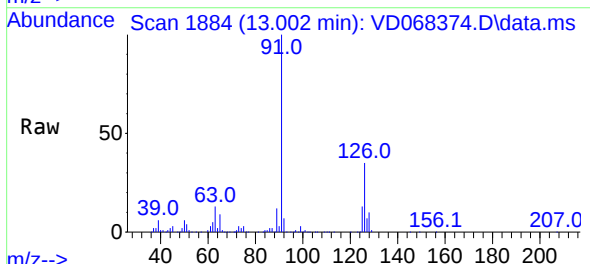
Tgt Ion: 75 Resp: 47112
Ion Ratio Lower Upper
75 100
53 89.8 70.2 105.2
89 44.1 40.3 60.5

Manual Integrations
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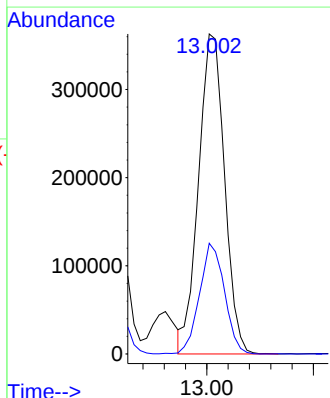
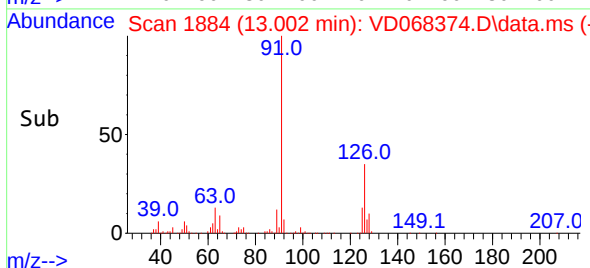
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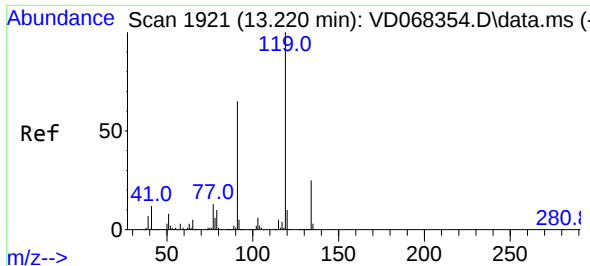


#82
4-Chlorotoluene
Concen: 44.71 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



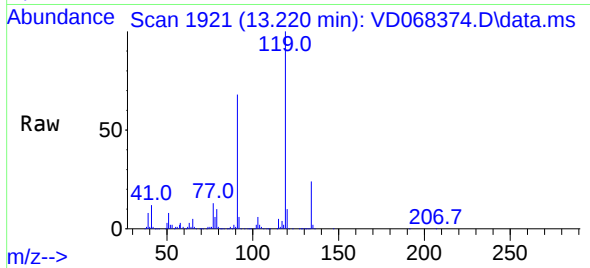
Tgt Ion: 91 Resp: 615036
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1





#83
tert-Butylbenzene
Concen: 43.61 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

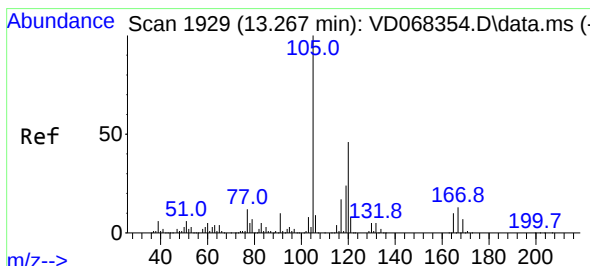
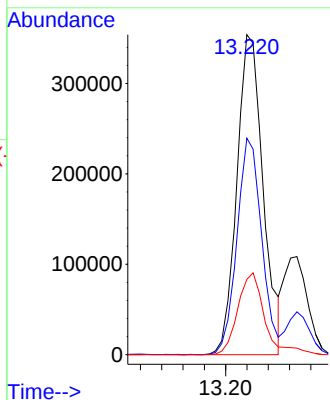
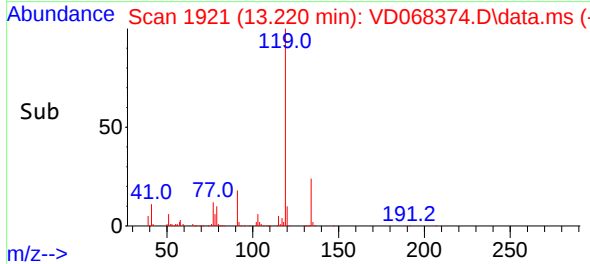
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



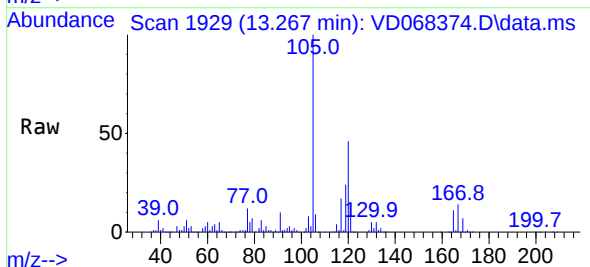
Tgt Ion:119 Resp: 606753
Ion Ratio Lower Upper
119 100
91 63.8 31.1 93.5
134 26.3 13.3 39.8

Manual Integrations
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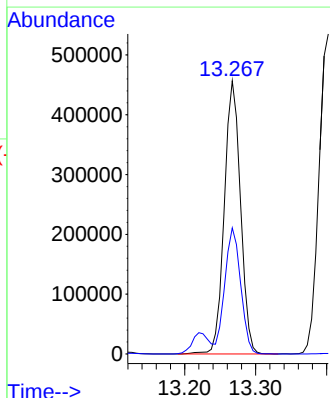
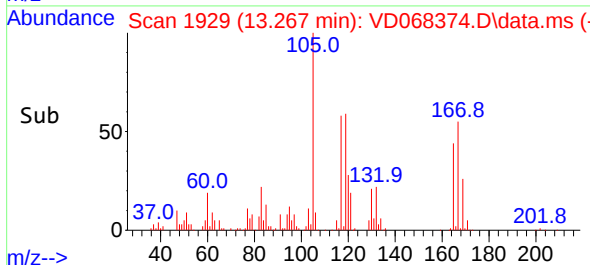
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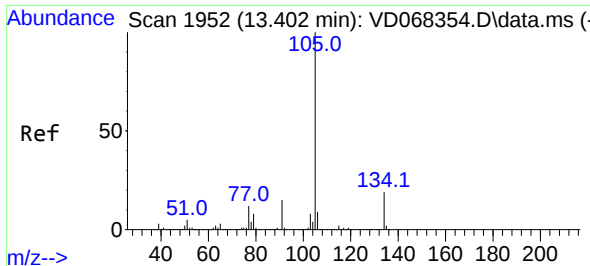


#84
1,2,4-Trimethylbenzene
Concen: 45.15 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



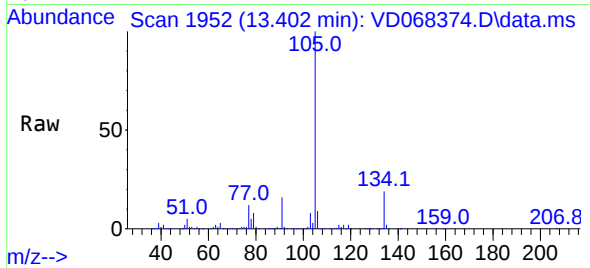
Tgt Ion:105 Resp: 721308
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 43.57 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD068374.D
 Acq: 16 Feb 2021 17:30

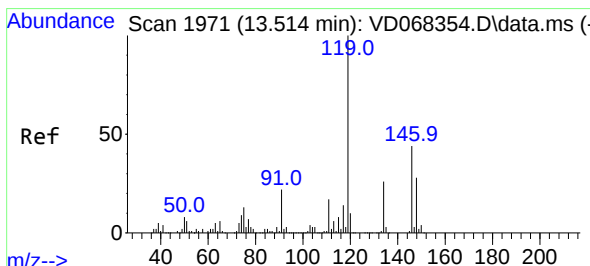
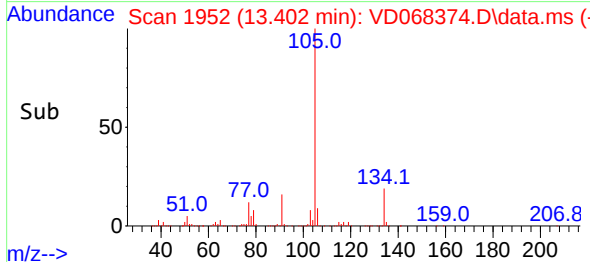
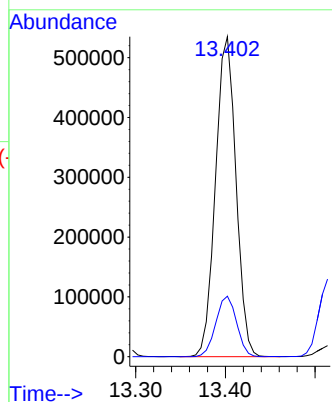
Instrument :
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 ClientSampleId :
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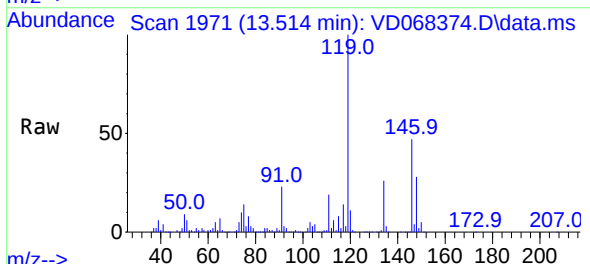
Tgt Ion:105 Resp: 847695
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.3 30.9

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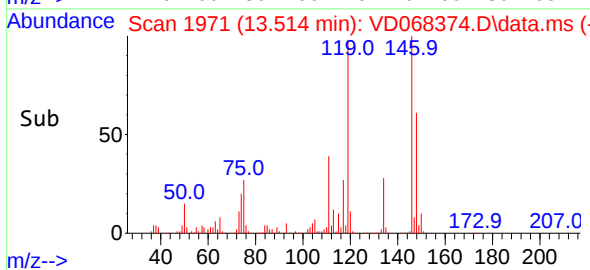
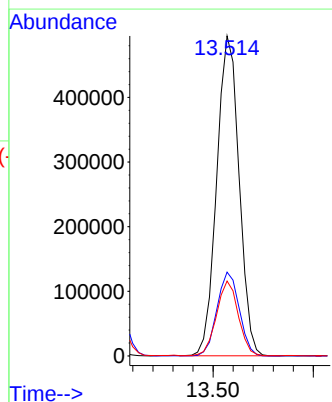
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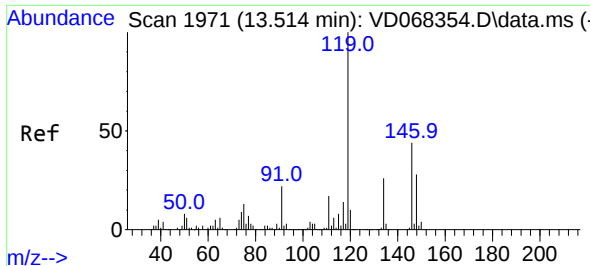


#86
 p-Isopropyltoluene
 Concen: 43.87 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068374.D
 Acq: 16 Feb 2021 17:30

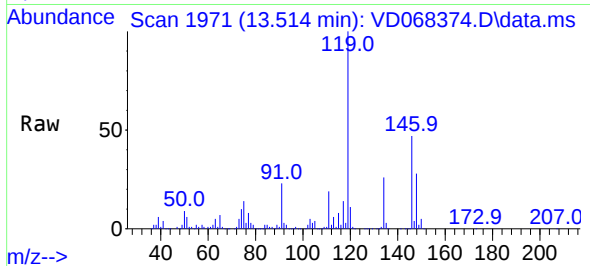


Tgt Ion:119 Resp: 766258
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 22.7 11.7 35.0

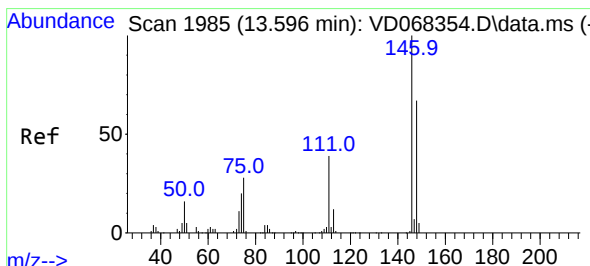
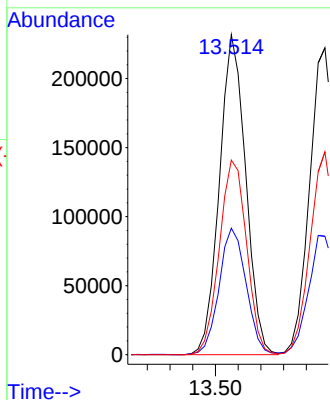
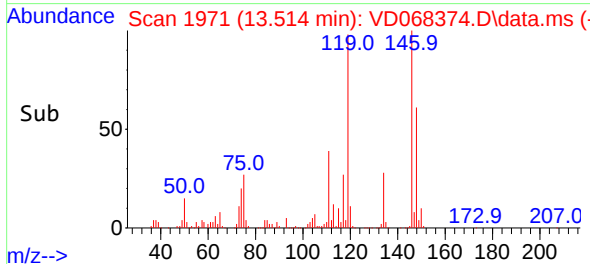




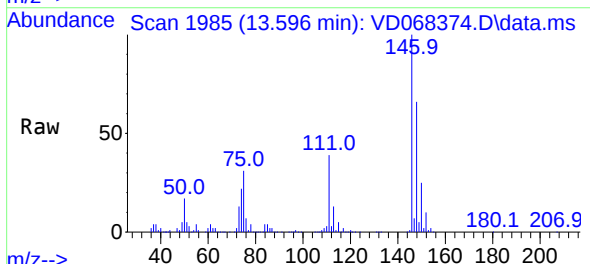
#87
1,3-Dichlorobenzene
Concen: 44.00 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



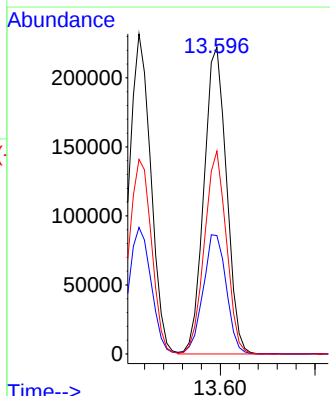
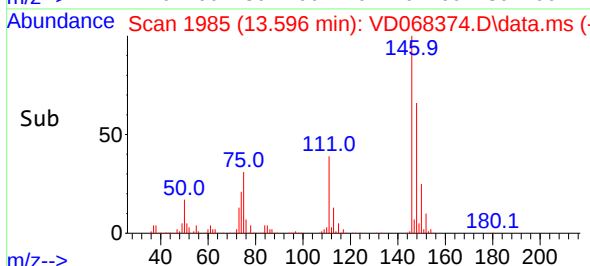
Tgt Ion:146 Resp: 373241
Ion Ratio Lower Upper
146 100
111 40.8 19.5 58.5
148 63.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 43.53 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



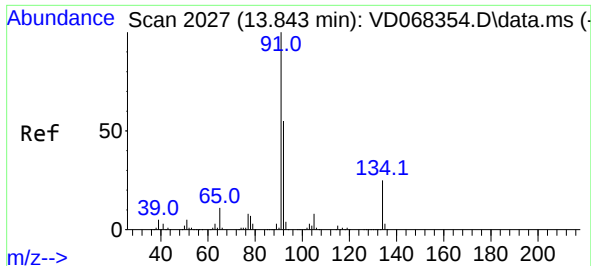
Tgt Ion:146 Resp: 367362
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 64.3 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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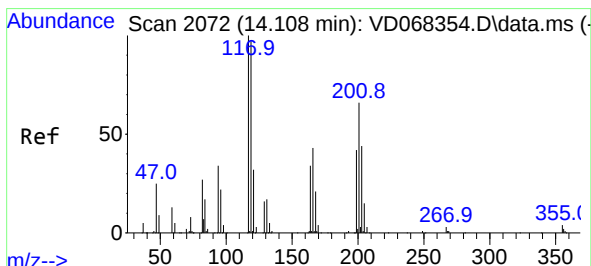
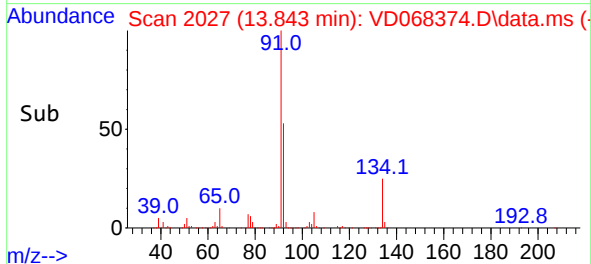
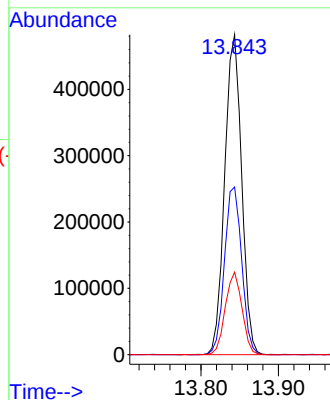
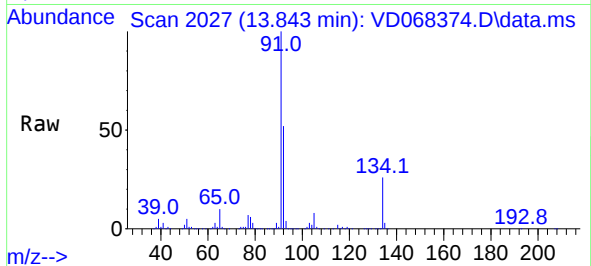
#89
n-Butylbenzene
Concen: 43.12 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

Tgt Ion: 91 Resp: 735032
Ion Ratio Lower Upper
91 100
92 53.2 27.2 81.6
134 25.4 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

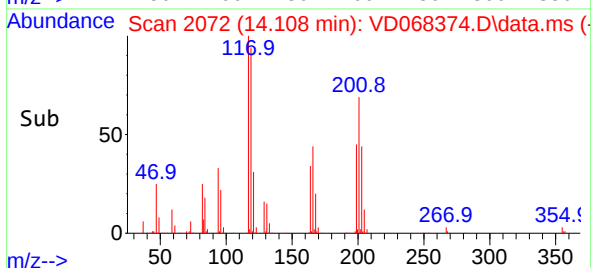
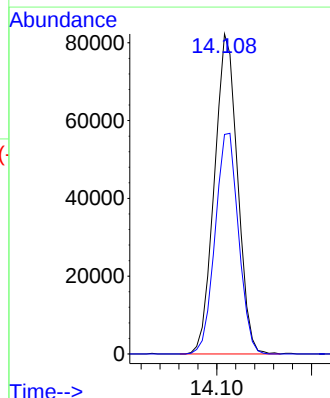
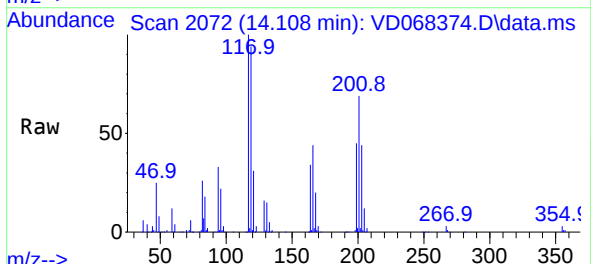
Manual Integrations
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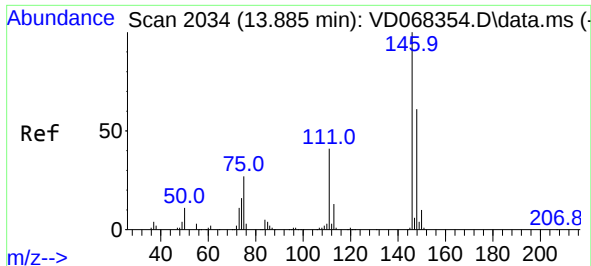
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#90
Hexachloroethane
Concen: 44.12 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

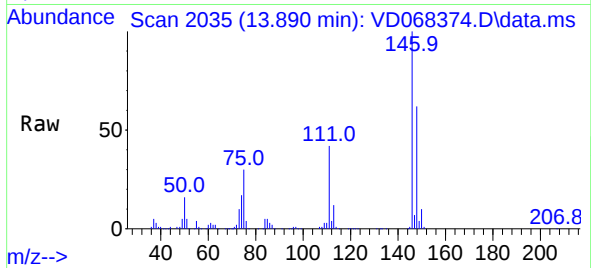
Tgt Ion: 117 Resp: 139934
Ion Ratio Lower Upper
117 100
201 69.7 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 44.60 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

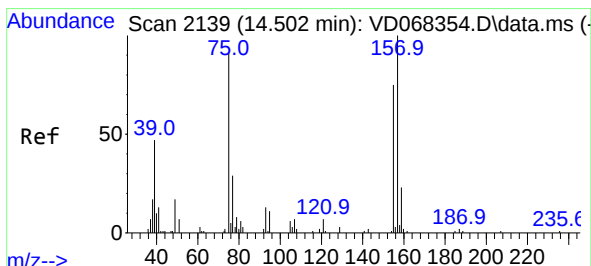
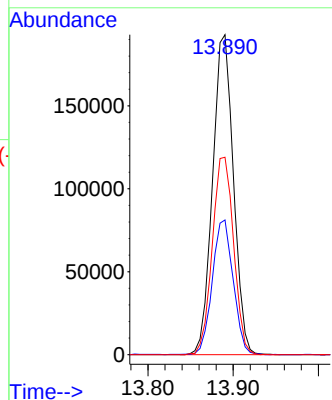
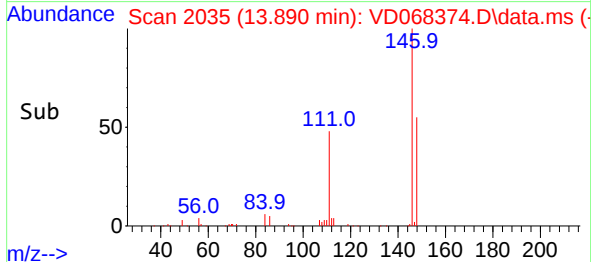
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ClientSampleId :
VSTDCCC050EC



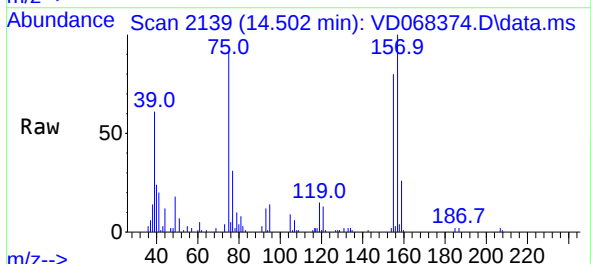
Tgt Ion:146 Resp: 328011
Ion Ratio Lower Upper
146 100
111 42.2 20.3 60.9
148 63.1 31.7 95.1

Manual Integrations
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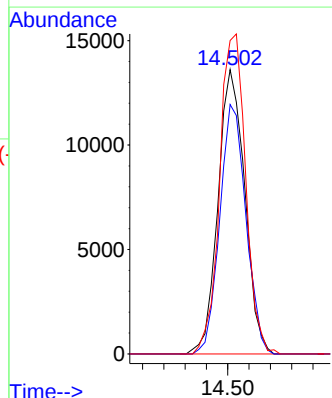
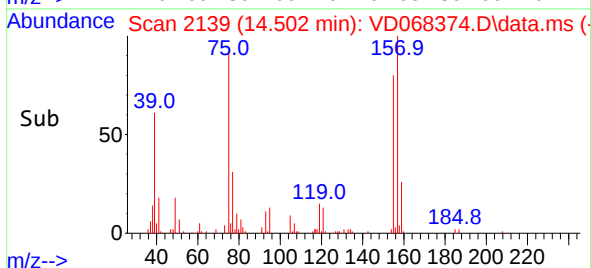
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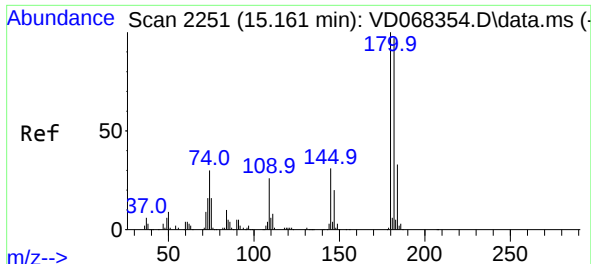


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.61 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

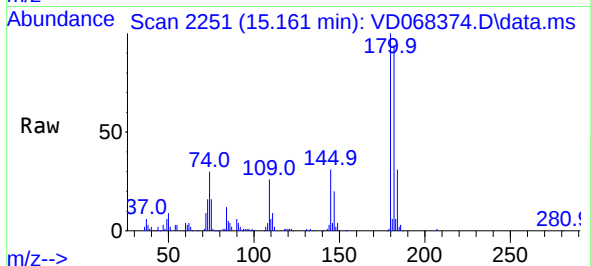


Tgt Ion: 75 Resp: 23673
Ion Ratio Lower Upper
75 100
155 85.8 48.0 144.2
157 109.4 65.0 194.8

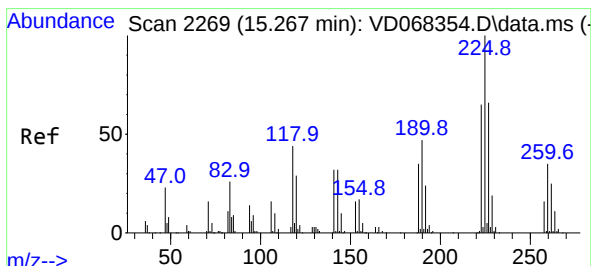
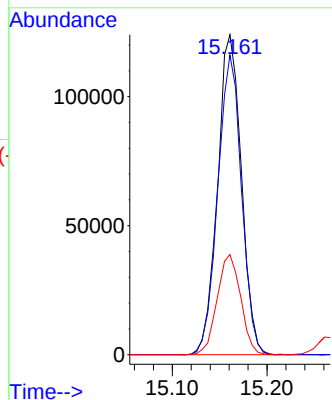
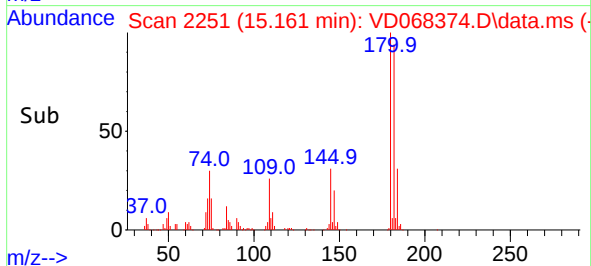




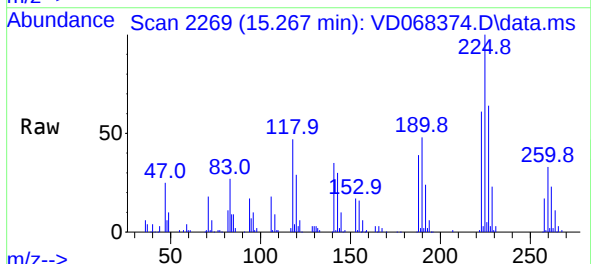
#93
1,2,4-Trichlorobenzene
Concen: 44.90 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



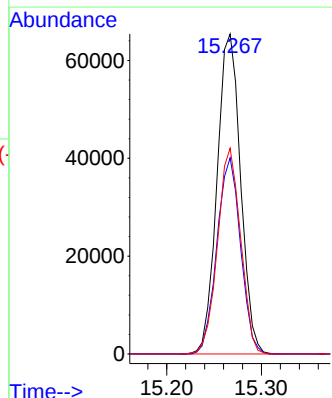
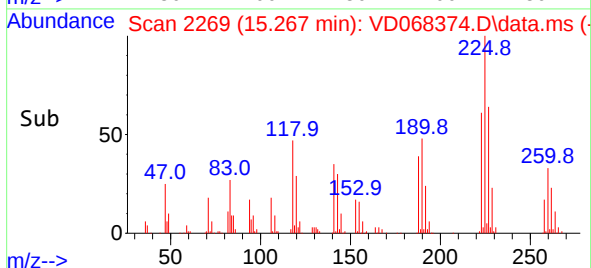
Tgt Ion:180 Resp: 216304
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.4
145 30.9 15.2 45.5



#94
Hexachlorobutadiene
Concen: 42.58 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



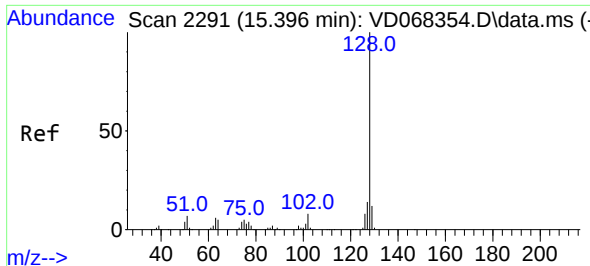
Tgt Ion:225 Resp: 112828
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.5
227 63.0 32.1 96.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

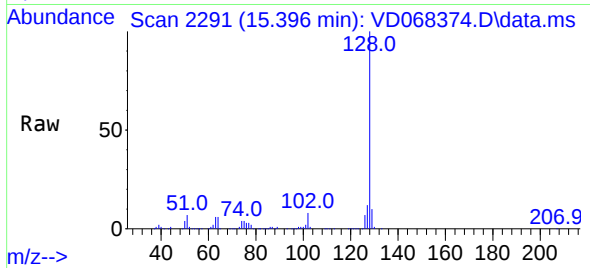
Manual Integrations
APPROVED

MMDadoda
2/17/2021 12:28:27 PM



#95
Naphthalene
Concen: 47.86 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30

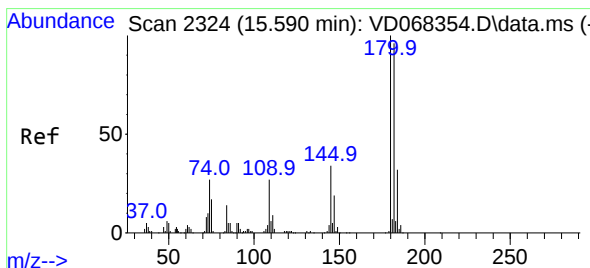
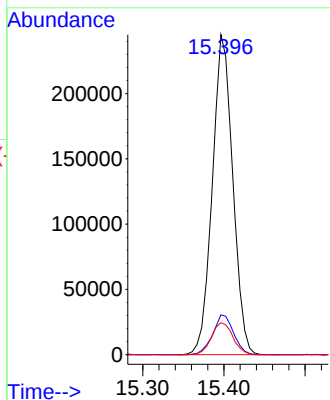
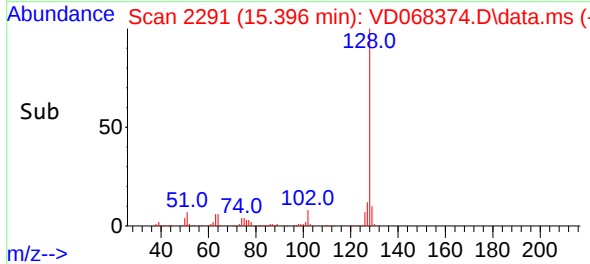
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



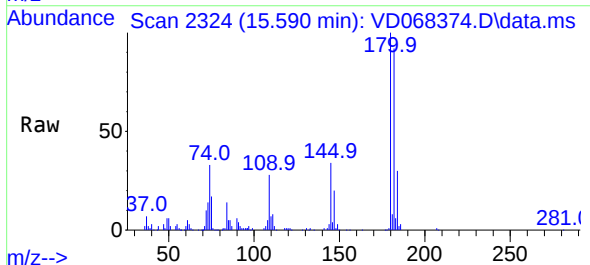
Tgt Ion:128 Resp: 428558
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.5 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
2/17/2021 12:28:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.74 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068374.D
Acq: 16 Feb 2021 17:30



Tgt Ion:180 Resp: 183799
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.8
145 33.3 16.7 50.1

