

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067272.D
 Acq On : 14 Oct 2020 17:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:18:51 PM

Quant Time: Oct 15 06:53:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	345761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	521244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	478839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	164288	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	7.92	113	169771	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.34	98	625836	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.64	95	215786	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	133366	47.866	ug/l	91
3) Chloromethane	2.21	50	97183	44.660	ug/l	98
4) Vinyl Chloride	2.35	62	110868	46.435	ug/l	93
5) Bromomethane	2.77	94	88951	53.712	ug/l	96
6) Chloroethane	2.93	64	68850	46.303	ug/l	99
7) Trichlorofluoromethane	3.27	101	276542	45.997	ug/l	98
8) Diethyl Ether	3.71	74	66264	48.166	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	148841	46.597	ug/l	99
10) Methyl Iodide	4.30	142	147281	49.984	ug/l	100
11) Tert butyl alcohol	5.22	59	40595	219.921	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	135559	47.504	ug/l	98
13) Acrolein	3.93	56	44039	215.949	ug/l	98
14) Allyl chloride	4.72	41	158978	48.648	ug/l	99
15) Acrylonitrile	5.42	53	114741	249.956	ug/l	98
16) Acetone	4.16	43	109217	225.127	ug/l	97
17) Carbon Disulfide	4.41	76	369409	45.409	ug/l	98
18) Methyl Acetate	4.71	43	50259	45.420	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	285636	50.340	ug/l	99
20) Methylene Chloride	4.96	84	154181	49.577	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	158138	48.156	ug/l	100
22) Diisopropyl ether	6.36	45	305246	51.132	ug/l	98
23) Vinyl Acetate	6.31	43	916577	269.874	ug/l	99
24) 1,1-Dichloroethane	6.26	63	248681	48.664	ug/l	97
25) 2-Butanone	7.21	43	136364	246.588	ug/l	96
26) 2,2-Dichloropropane	7.21	77	251513	47.751	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	178904	49.709	ug/l	99
28) Bromochloromethane	7.55	49	86843	49.824	ug/l	100
29) Tetrahydrofuran	7.56	42	80435	261.659	ug/l	97
30) Chloroform	7.71	83	298695	48.930	ug/l	87
31) Cyclohexane	7.99	56	182349	45.704	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	290038	48.424	ug/l	99
36) 1,1-Dichloropropene	8.11	75	214180	48.480	ug/l	98
37) Ethyl Acetate	7.29	43	68075	52.373	ug/l #	94
38) Carbon Tetrachloride	8.10	117	265875	47.087	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	230975	50.010	ug/l	97
40) Benzene	8.36	78	588277	48.538	ug/l	99
41) Methacrylonitrile	7.53	41	30926	44.029	ug/l	97
42) 1,2-Dichloroethane	8.43	62	179011	47.196	ug/l	99
43) Isopropyl Acetate	8.46	43	132050	51.198	ug/l	99
44) Trichloroethene	9.11	130	190234	49.023	ug/l	99
45) 1,2-Dichloropropane	9.39	63	136902	48.739	ug/l	98
46) Dibromomethane	9.48	93	85340	48.763	ug/l	96
47) Bromodichloromethane	9.67	83	231897	49.457	ug/l	95
48) Methyl methacrylate	9.46	41	63261	50.472	ug/l	97
49) 1,4-Dioxane	9.47	88	17282	1021.060	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	323442	251.428	ug/l	98
52) Toluene	10.41	92	403870	48.925	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	208403	50.596	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	241042	50.004	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	117805	49.363	ug/l	98
56) Ethyl methacrylate	10.67	69	127072	51.341	ug/l	99
57) 1,3-Dichloropropane	10.95	76	190833	50.247	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	336871	265.316	ug/l	99
59) 2-Hexanone	10.99	43	219292	249.465	ug/l	95
60) Dibromochloromethane	11.14	129	170934	49.114	ug/l	98
61) 1,2-Dibromoethane	11.25	107	115978	49.295	ug/l	100
64) Tetrachloroethene	10.88	164	163437	47.109	ug/l	97
65) Chlorobenzene	11.68	112	460220	50.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	184286	50.497	ug/l	99
67) Ethyl Benzene	11.75	91	787285	50.018	ug/l	99
68) m/p-Xylenes	11.86	106	608255	100.351	ug/l	99
69) o-Xylene	12.18	106	283733	50.551	ug/l	96
70) Styrene	12.20	104	489433	50.655	ug/l	99
71) Bromoform	12.36	173	98900	50.445	ug/l #	99
73) Isopropylbenzene	12.48	105	787661	50.849	ug/l	100
74) N-amyl acetate	12.30	43	119288	50.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	115220	48.545	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	75671m	44.733	ug/l	
77) Bromobenzene	12.77	156	189572	49.088	ug/l	99
78) n-propylbenzene	12.83	91	905501	50.453	ug/l	100
79) 2-Chlorotoluene	12.91	91	520050	49.966	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	688687	51.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	37774	50.638	ug/l	95
82) 4-Chlorotoluene	13.01	91	546626	49.484	ug/l	99
83) tert-Butylbenzene	13.23	119	569673	50.101	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	680903	51.179	ug/l	99
85) sec-Butylbenzene	13.41	105	778255	49.881	ug/l	100
86) p-Isopropyltoluene	13.53	119	740225	50.265	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	359164	48.319	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	359077	48.758	ug/l	99
89) n-Butylbenzene	13.85	91	660184	50.958	ug/l	99
90) Hexachloroethane	14.12	117	124470	48.435	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	315217	48.543	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20503	47.550	ug/l	94

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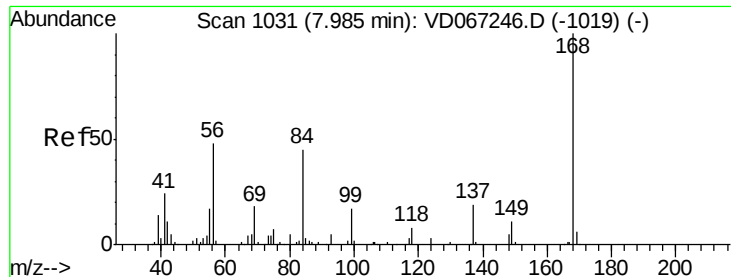
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	224254	51.222	ug/l	97
94) Hexachlorobutadiene	15.28	225	135435	49.815	ug/l	98
95) Naphthalene	15.41	128	377273	52.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	195098	51.582	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 345761

Ion Ratio Lower Upper

168 100

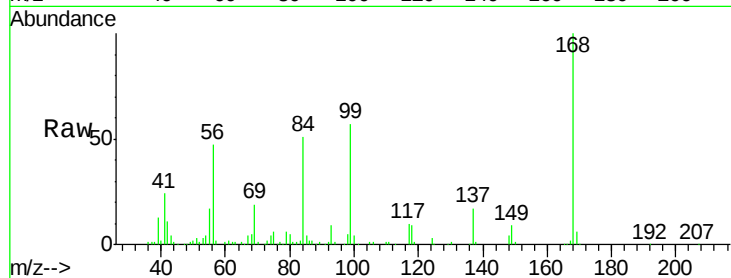
99 56.8 45.9 68.9

Manual Integrations

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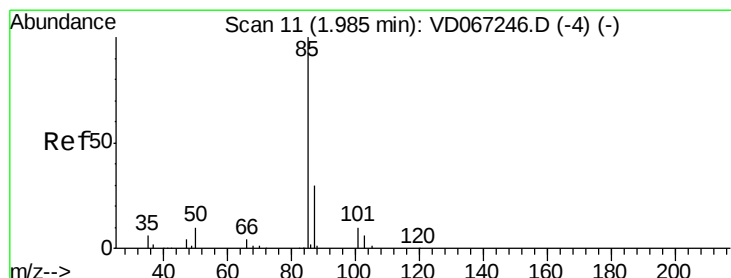
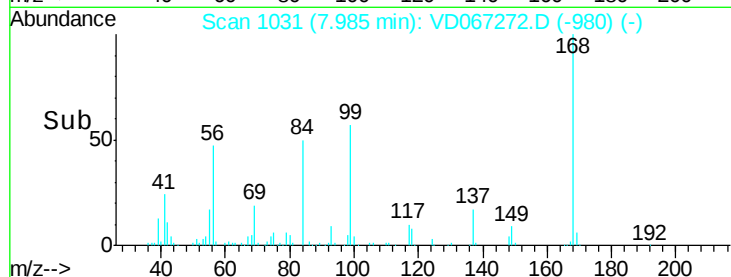
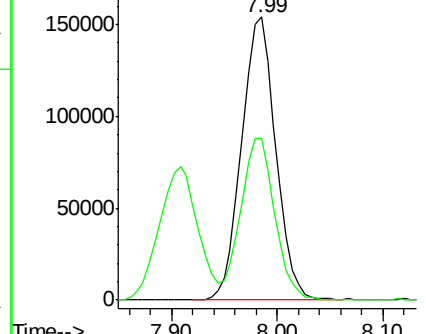
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.866 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067272.D

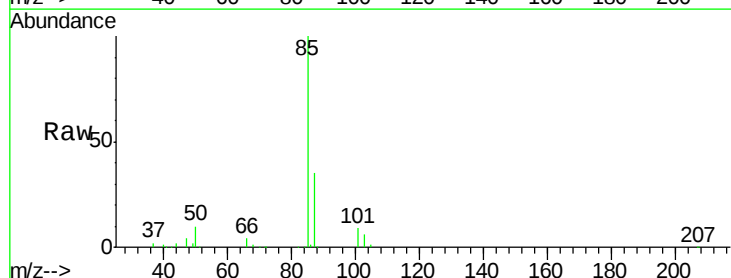
Acq: 14 Oct 2020 17:33

Tgt Ion: 85 Resp: 133366

Ion Ratio Lower Upper

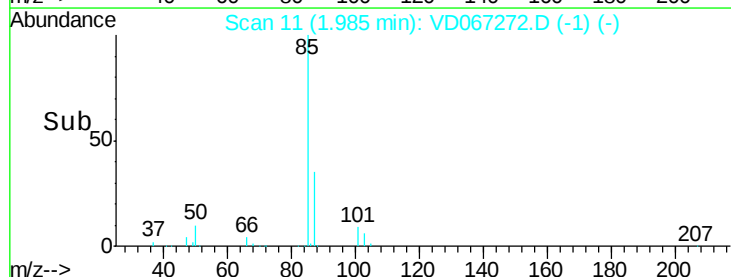
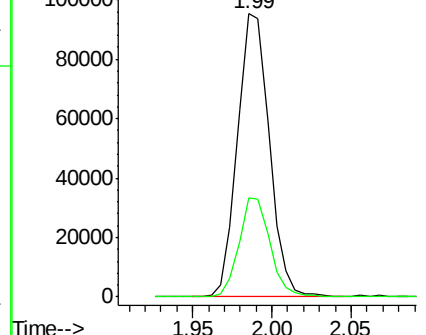
85 100

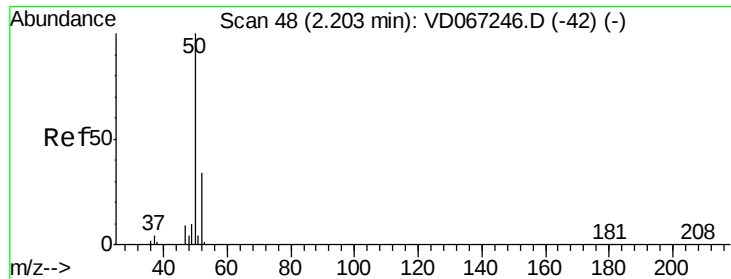
87 35.1 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.660 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 97183

Ion Ratio Lower Upper

50 100

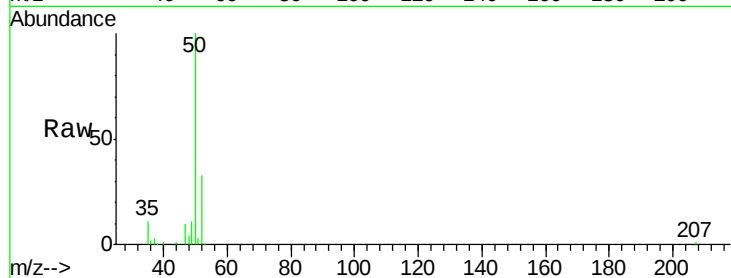
52 32.6 27.1 40.7

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

60000

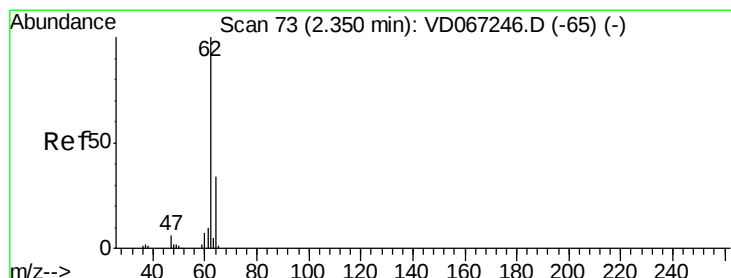
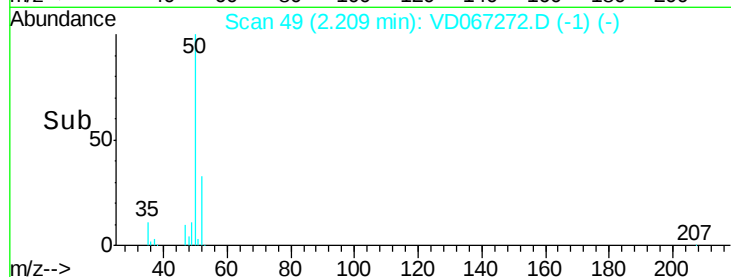
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 46.435 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067272.D

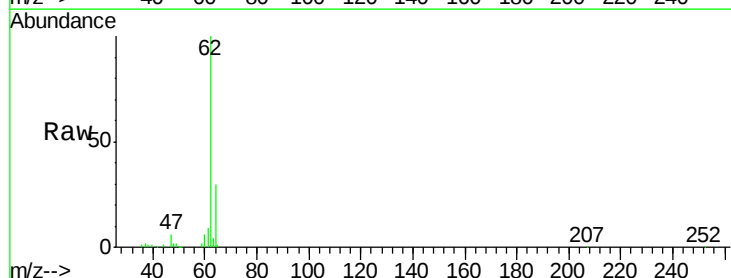
Acq: 14 Oct 2020 17:33

Tgt Ion: 62 Resp: 110868

Ion Ratio Lower Upper

62 100

64 30.0 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

60000

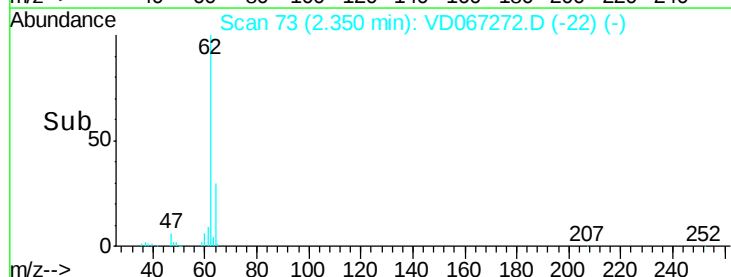
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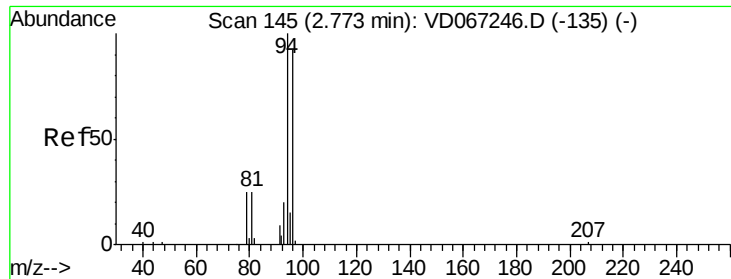
20000

0

Time-->

2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 53.712 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 88951

Ion Ratio Lower Upper

94 100

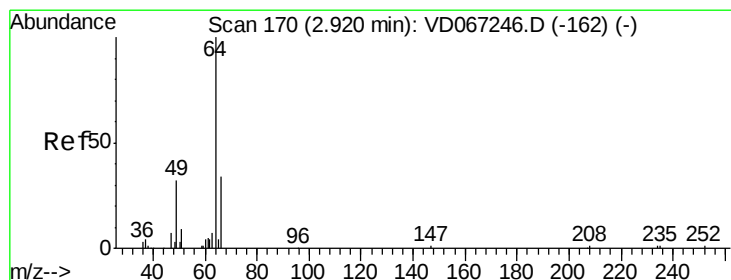
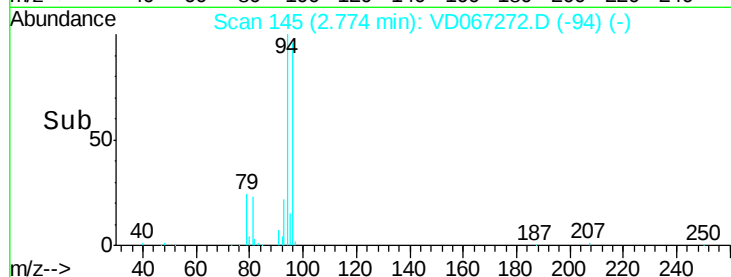
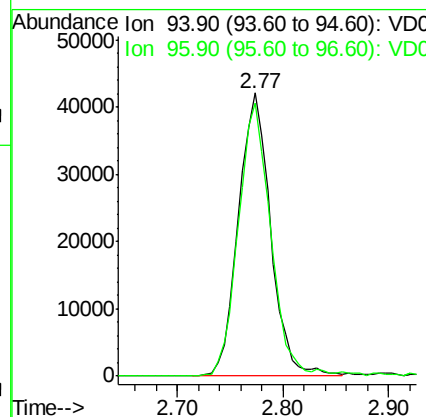
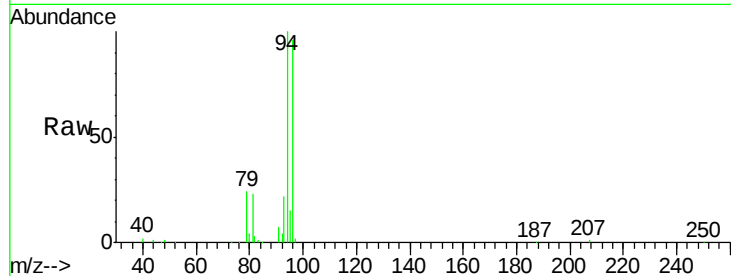
96 96.4 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 46.303 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067272.D

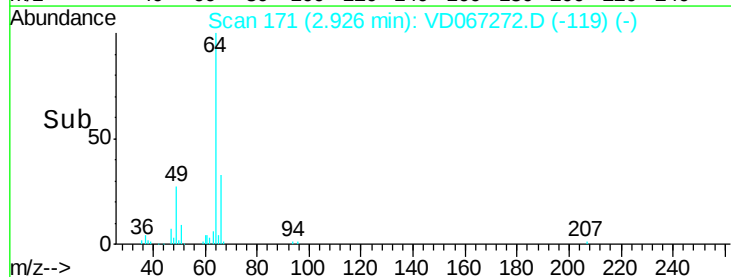
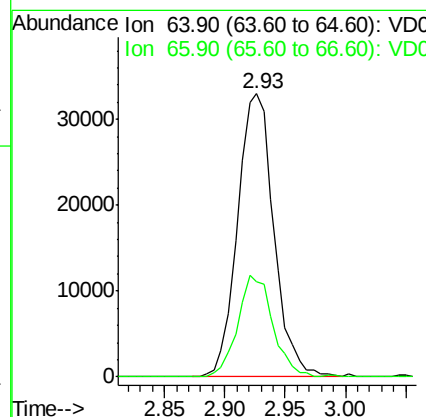
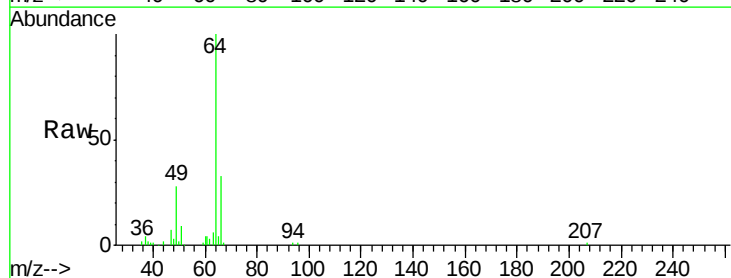
Acq: 14 Oct 2020 17:33

Tgt Ion: 64 Resp: 68850

Ion Ratio Lower Upper

64 100

66 33.5 27.4 41.0





#7

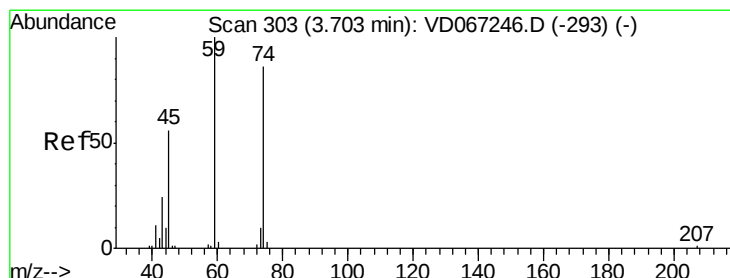
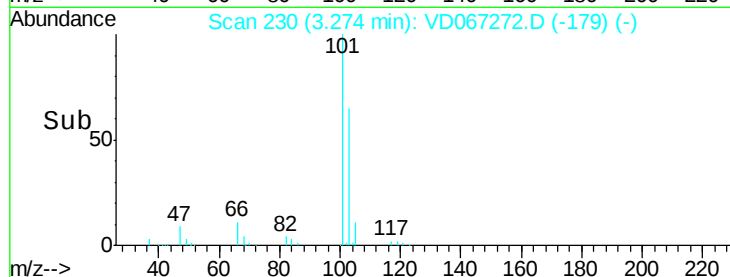
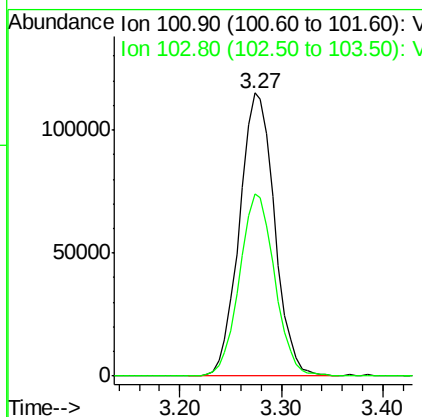
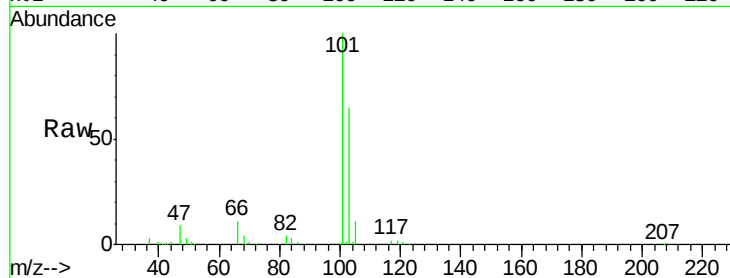
Trichlorofluoromethane
Concen: 45.997 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.1	79.7

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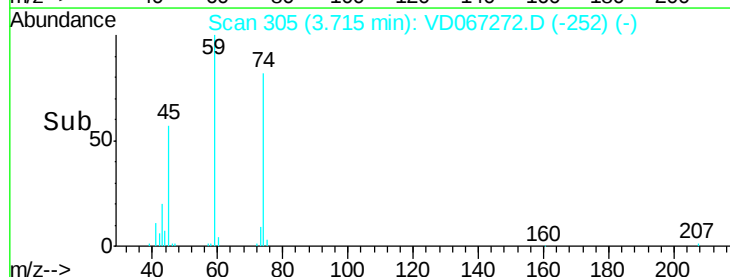
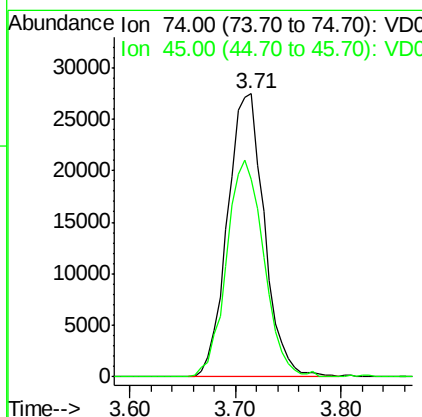
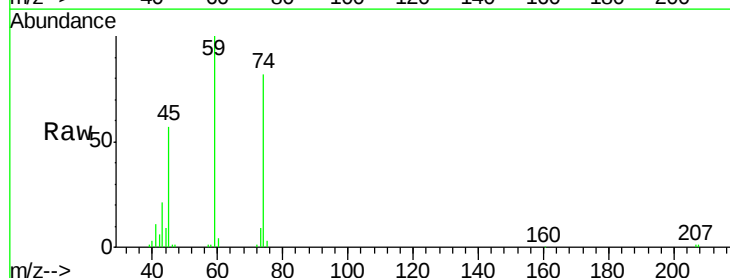
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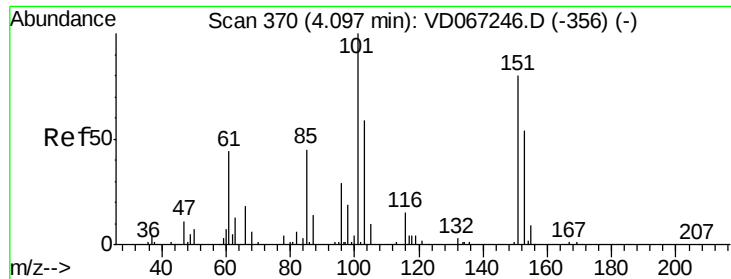


#8

Diethyl Ether
Concen: 48.166 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.5	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.597 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

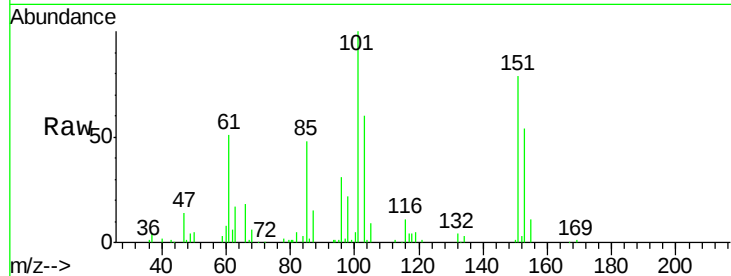
ClientSampleId :

VSTDCCC050EC

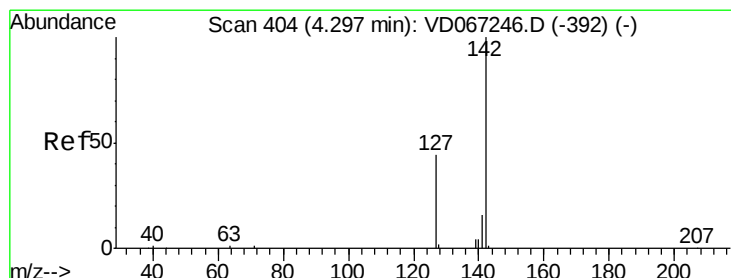
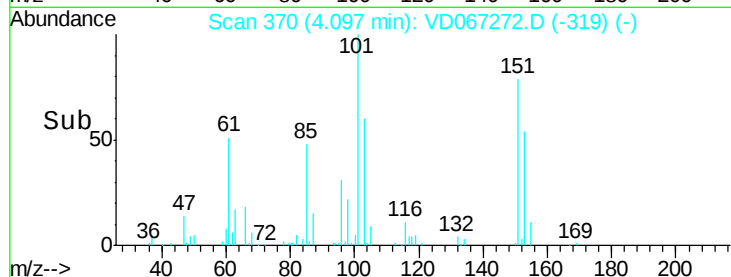
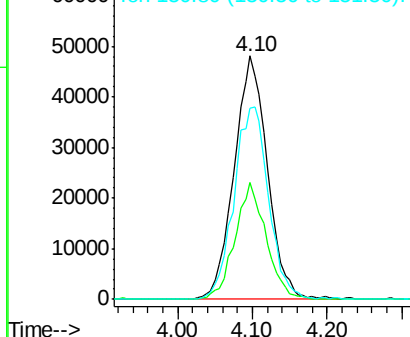
Tot Ion:	101	Resp:	148841
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.2	51.4
151	82.4	66.3	99.5

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.984 ug/l

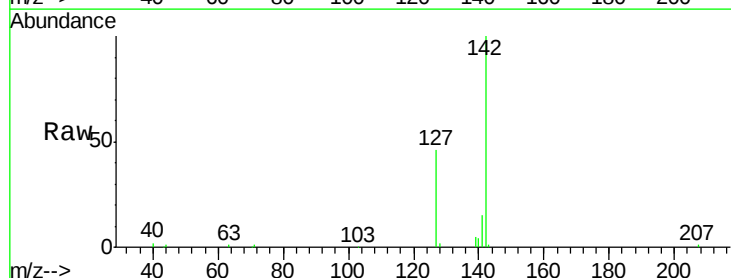
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

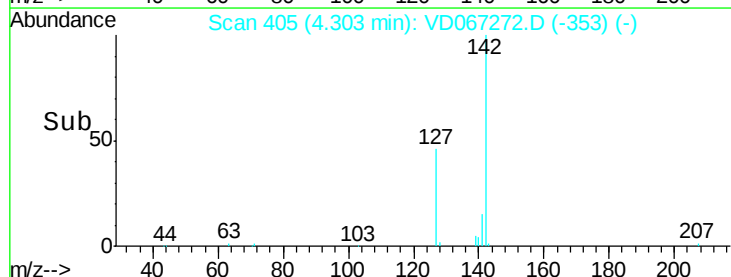
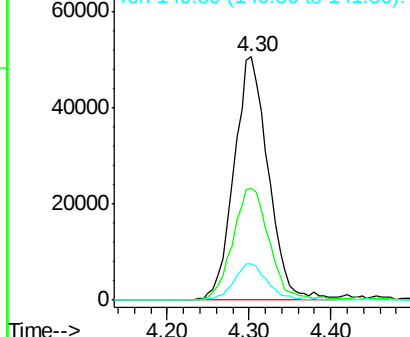
Lab File: VD067272.D

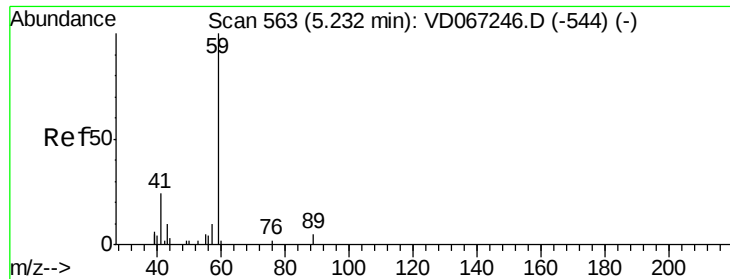
Acq: 14 Oct 2020 17:33

Tgt Ion:	142	Resp:	147281
Ion Ratio	Lower	Upper	
142	100		
127	48.2	38.4	57.6
141	14.6	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





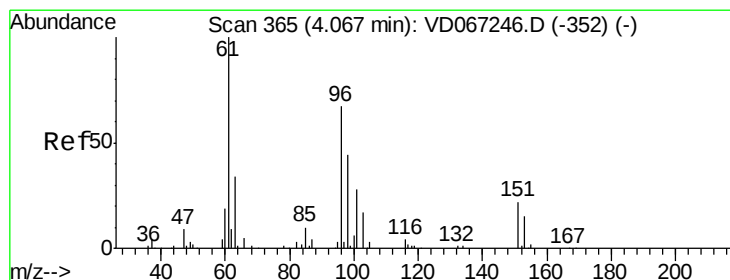
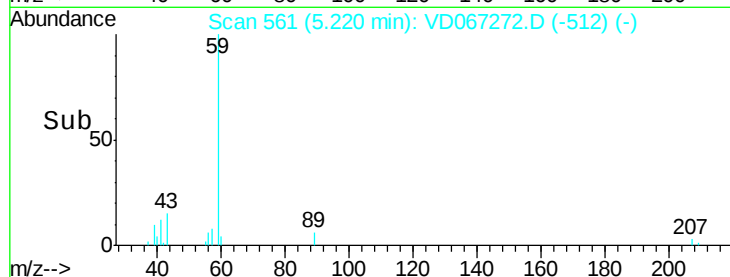
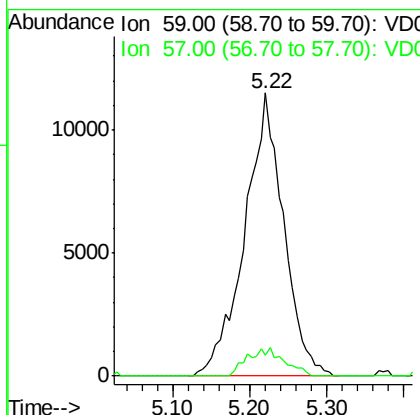
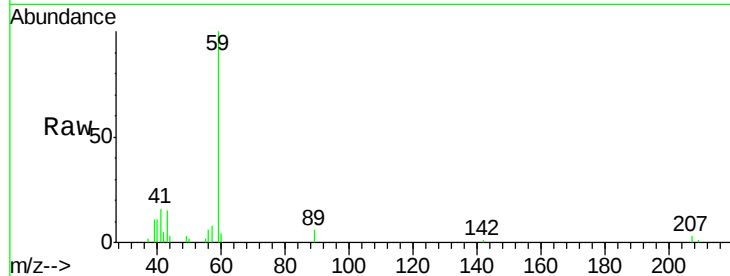
#11
Tert butyl alcohol
Concen: 219.921 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	40595		
57	9.4		5.1	7.7#

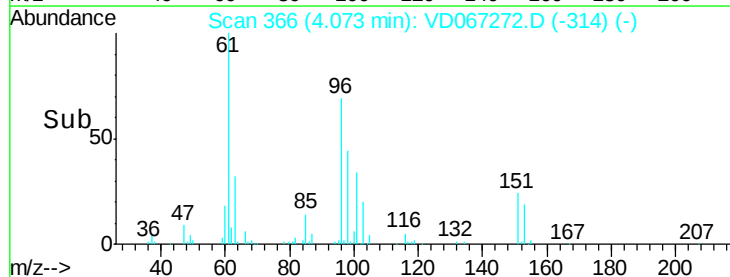
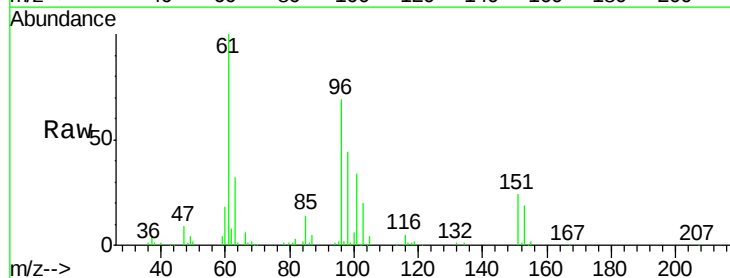
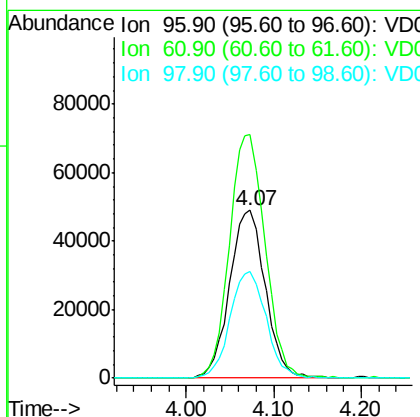
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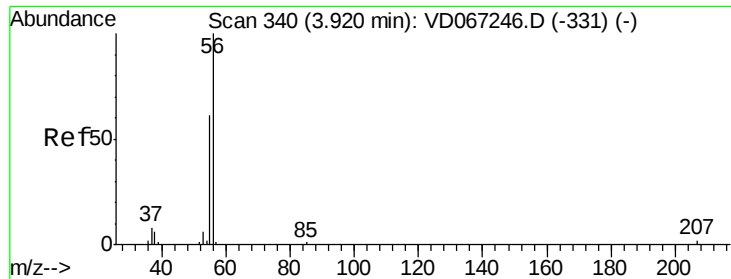
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#12
1,1-Dichloroethene
Concen: 47.504 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	135559		
61	145.0		118.6	177.8
98	63.5		51.8	77.6





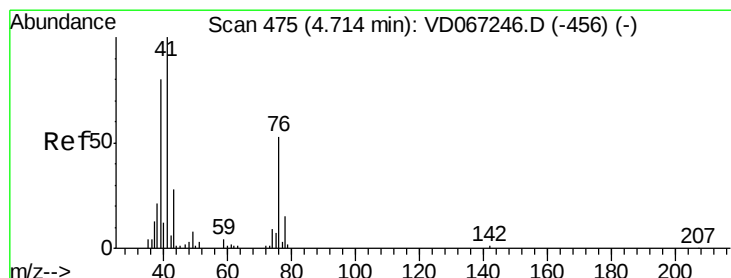
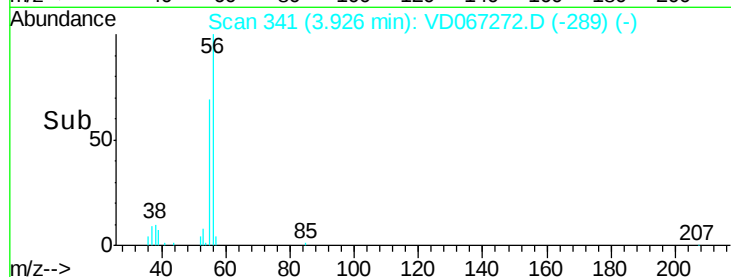
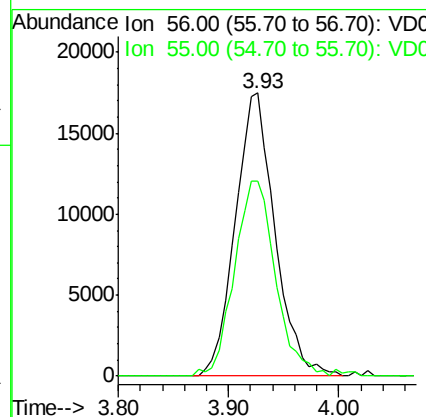
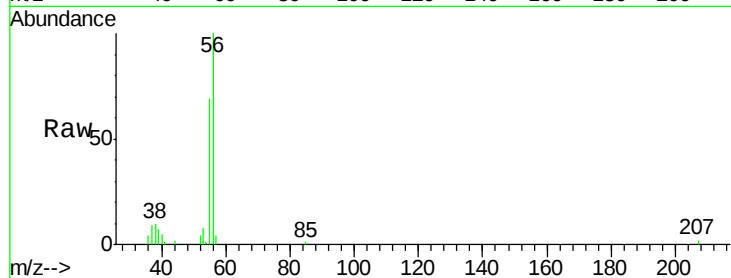
#13
 Acrolein
 Concen: 215.949 ug/l
 RT: 3.93 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	56	Resp	44039
Ion Ratio	100	Lower	Upper
55	71.4	56.0	84.0

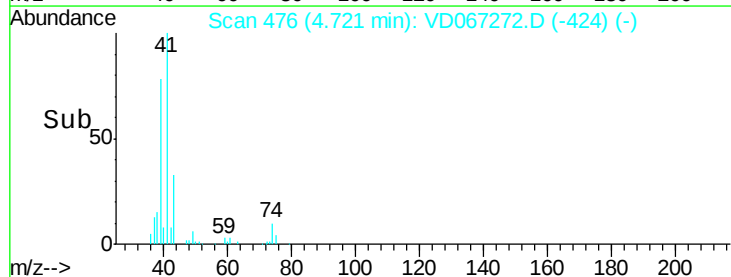
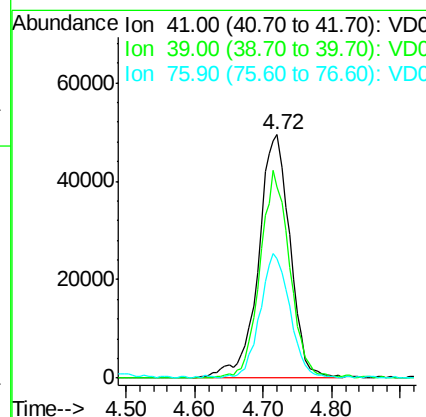
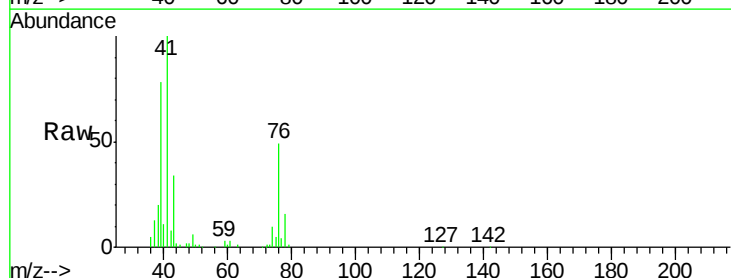
Manual Integrations
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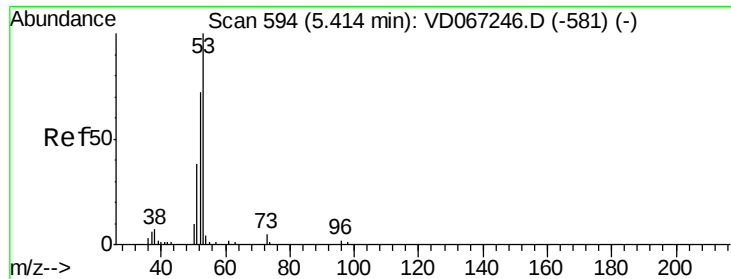
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#14
 Allyl chloride
 Concen: 48.648 ug/l
 RT: 4.72 min Scan# 476
 Delta R.T. 0.01 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	41	Resp	158978
Ion Ratio	100	Lower	Upper
39	79.8	63.8	95.6
76	48.6	40.4	60.6





#15

Acrylonitrile

Concen: 249.956 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

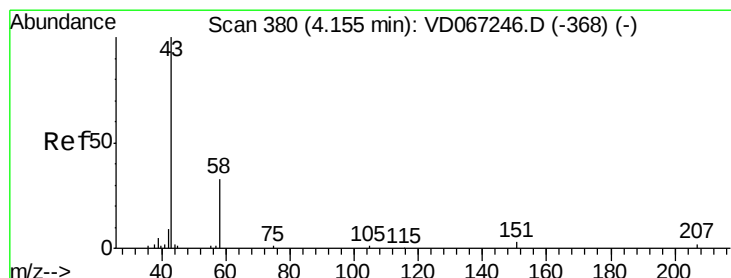
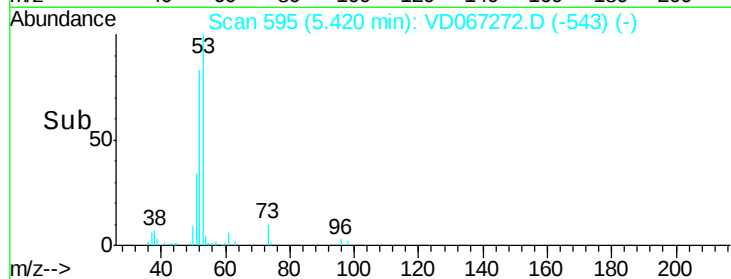
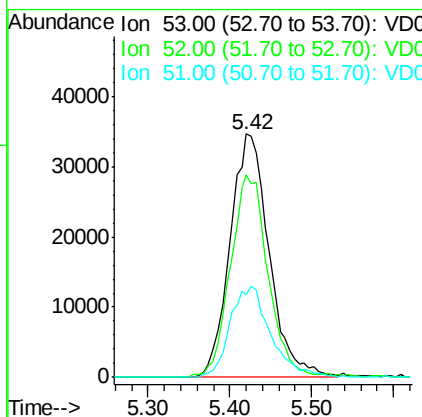
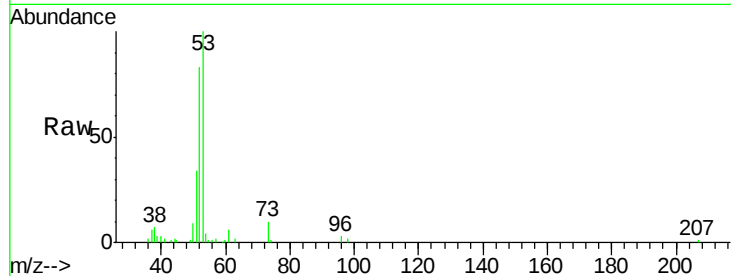
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	114741
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.6	98.4
51	38.8	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 225.127 ug/l

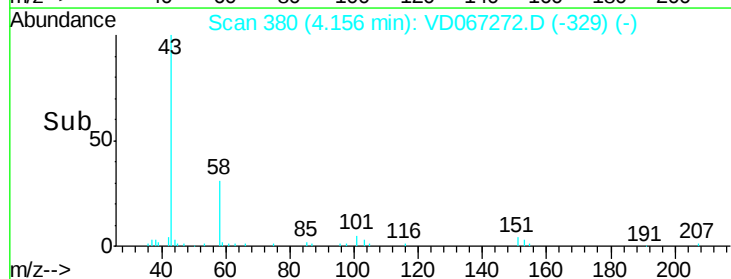
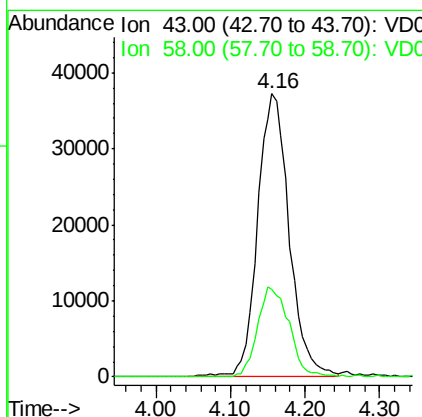
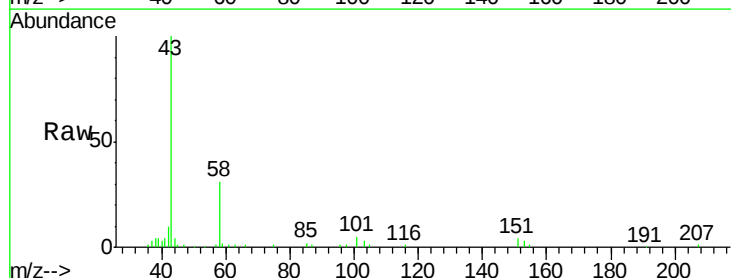
RT: 4.16 min Scan# 380

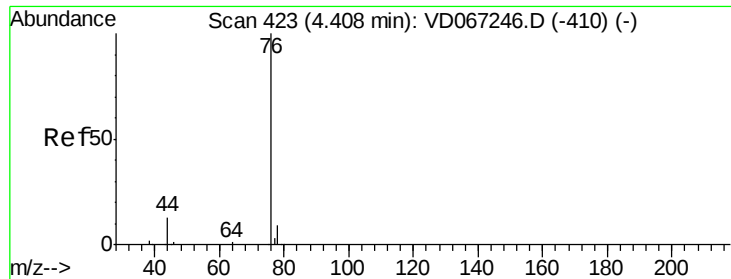
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	43	Resp:	109217
Ion	Ratio	Lower	Upper
43	100		
58	30.7	26.1	39.1





#17

Carbon Disulfide

Concen: 45.409 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 369409

Ion Ratio Lower Upper

76 100

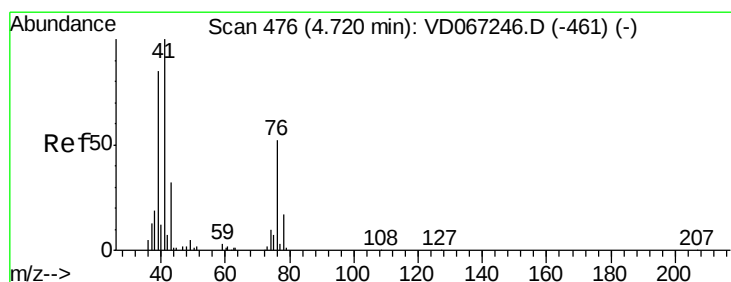
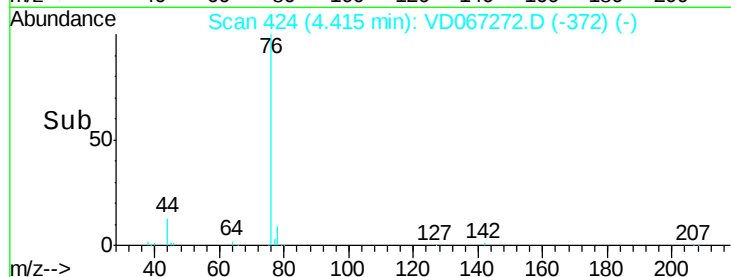
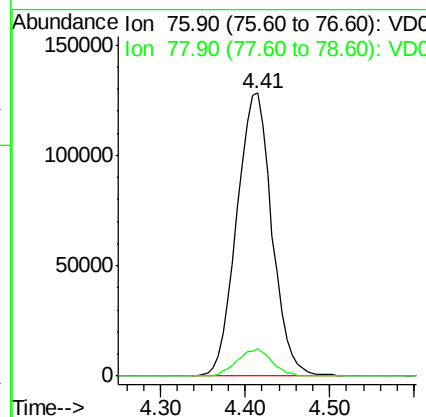
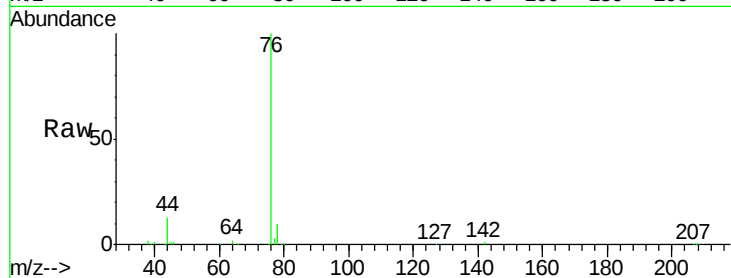
78 9.8 7.4 11.0

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#18

Methyl Acetate

Concen: 45.420 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067272.D

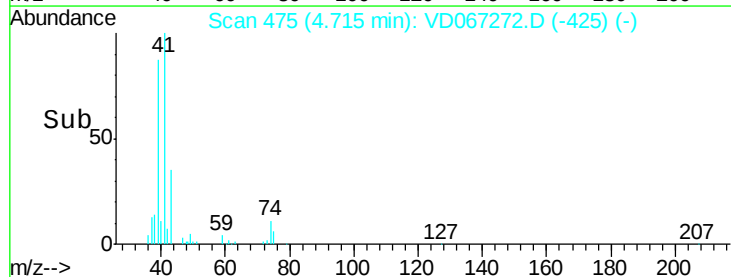
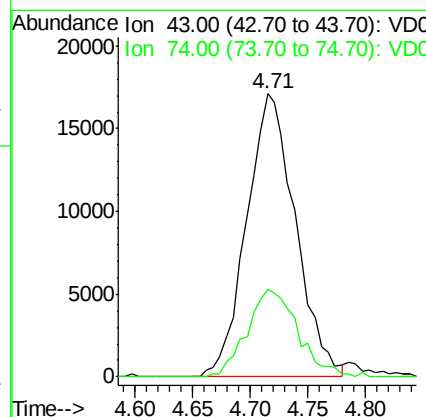
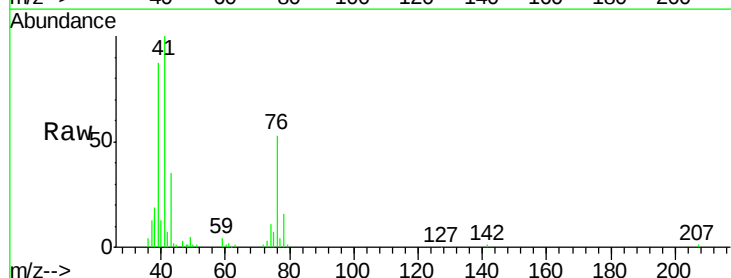
Acq: 14 Oct 2020 17:33

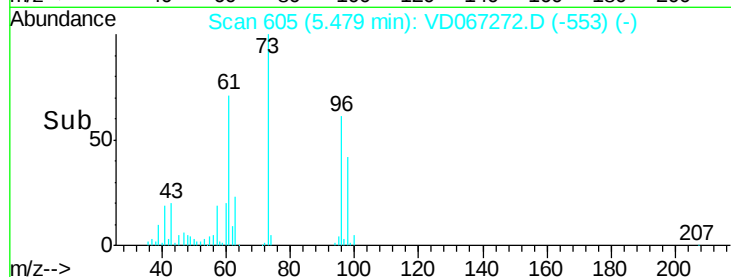
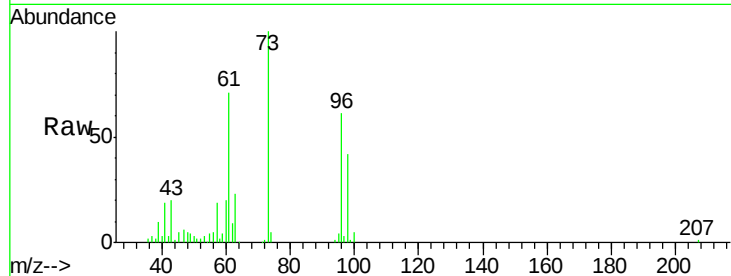
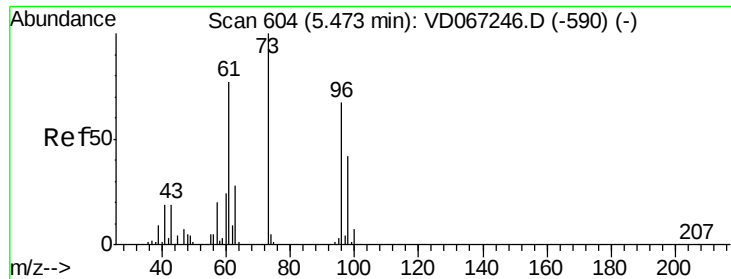
Tgt Ion: 43 Resp: 50259

Ion Ratio Lower Upper

43 100

74 32.3 26.6 39.8





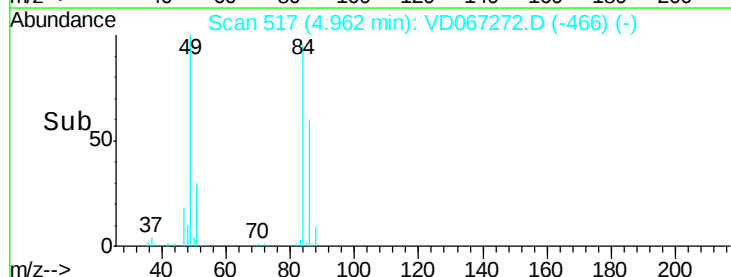
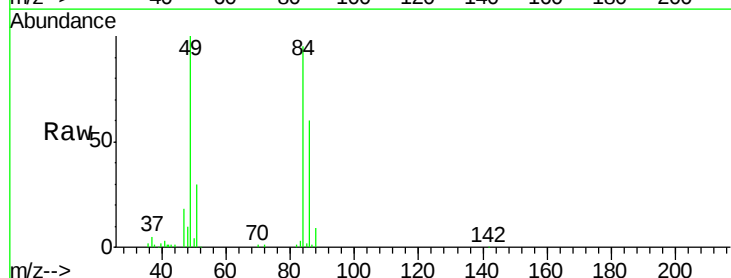
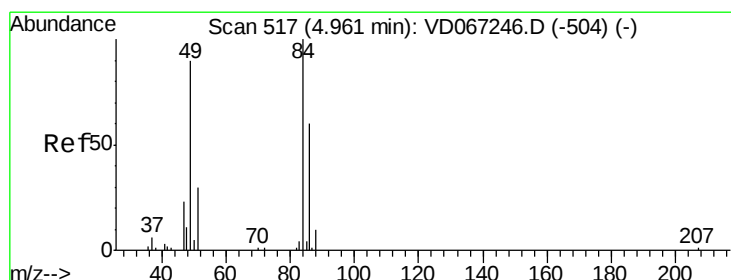
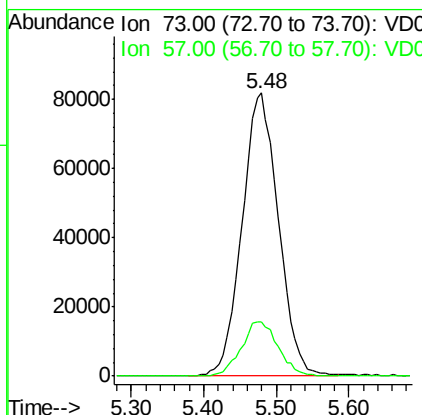
#19
Methyl tert-butyl Ether
Concen: 50.340 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tot Ion: 73 Resp: 285636
Ion Ratio Lower Upper
73 100
57 19.1 15.7 23.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

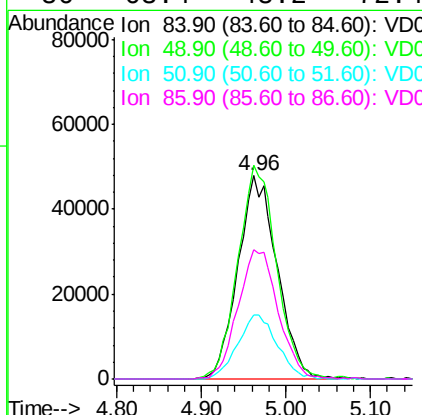
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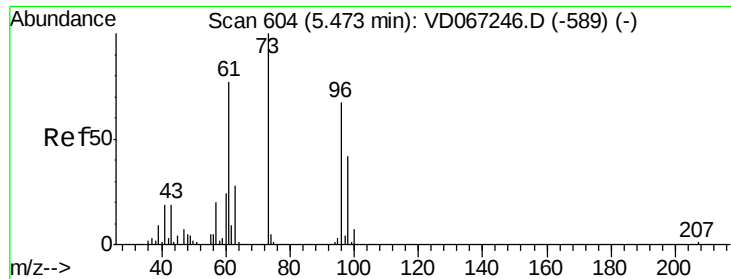
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#20
Methylene Chloride
Concen: 49.577 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion: 84 Resp: 154181
Ion Ratio Lower Upper
84 100
49 105.0 72.2 108.2
51 31.7 23.8 35.8
86 63.4 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 48.156 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

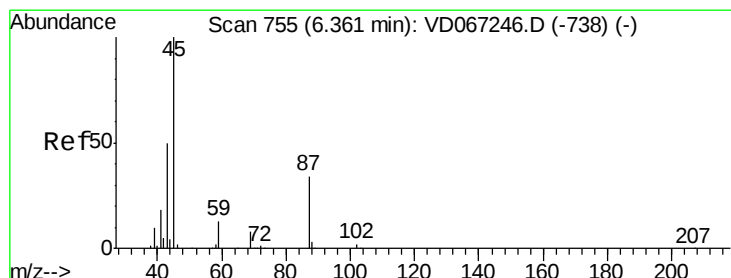
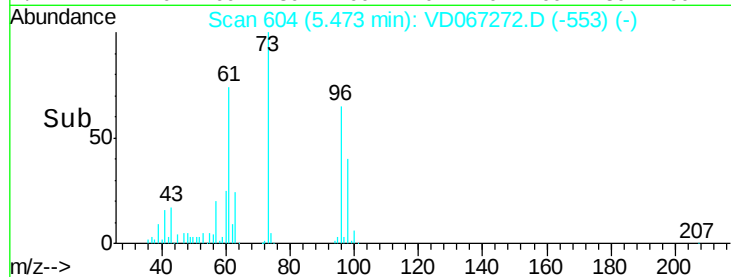
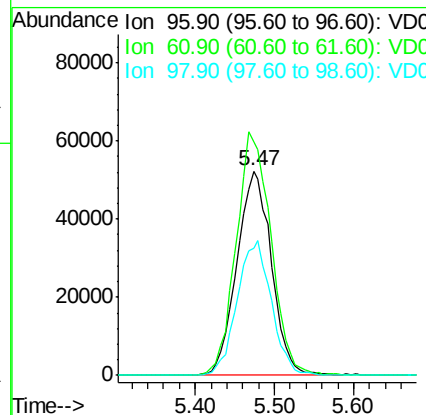
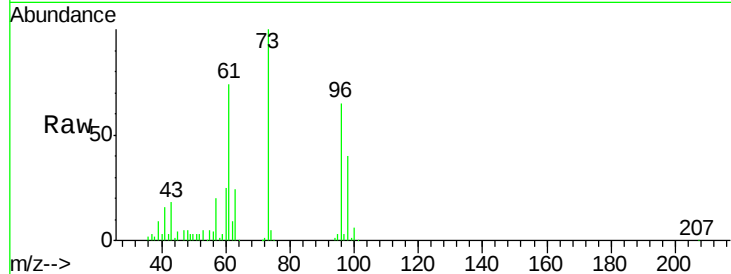
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	158138
Ion	Ratio	Lower	Upper
96	100		
61	114.6	92.0	138.0
98	62.0	49.8	74.8

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#22

Diisopropyl ether

Concen: 51.132 ug/l

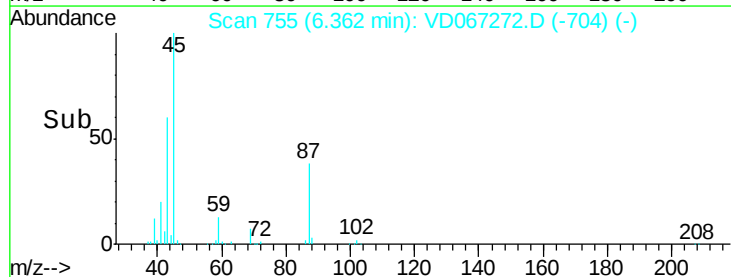
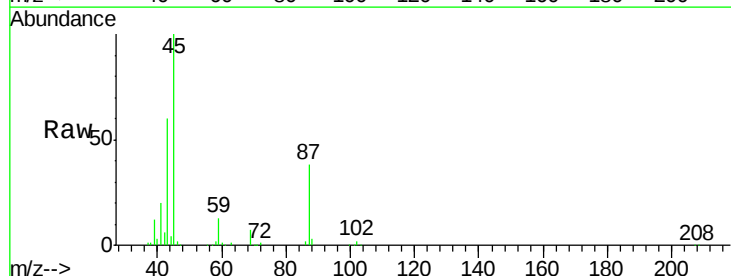
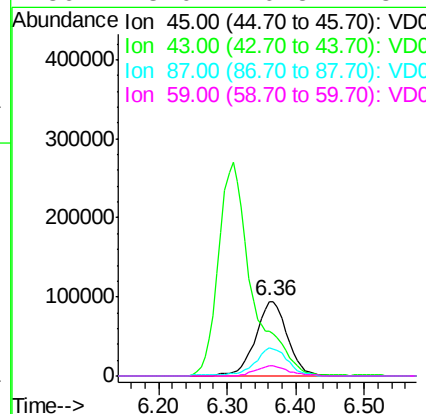
RT: 6.36 min Scan# 755

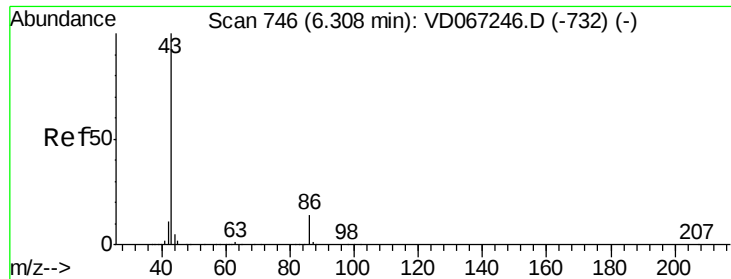
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	45	Resp:	305246
Ion	Ratio	Lower	Upper
45	100		
43	58.9	48.0	72.0
87	37.3	28.5	42.7
59	13.0	10.5	15.7





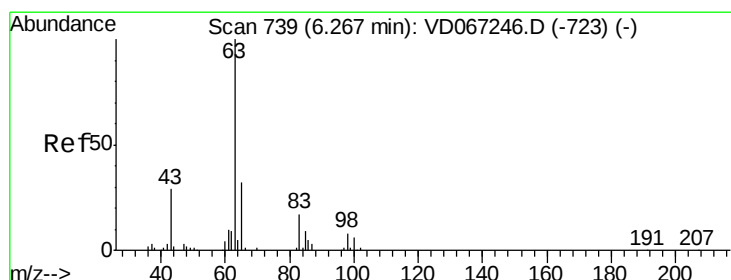
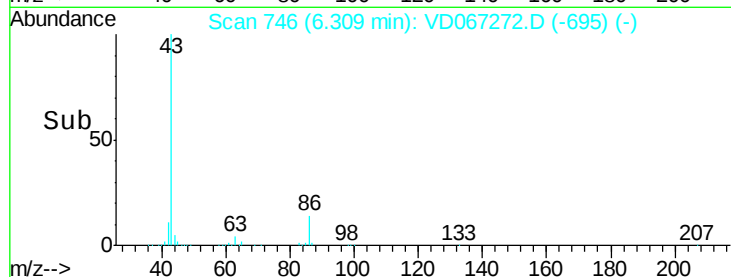
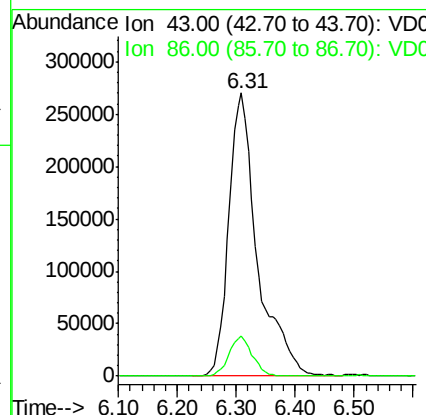
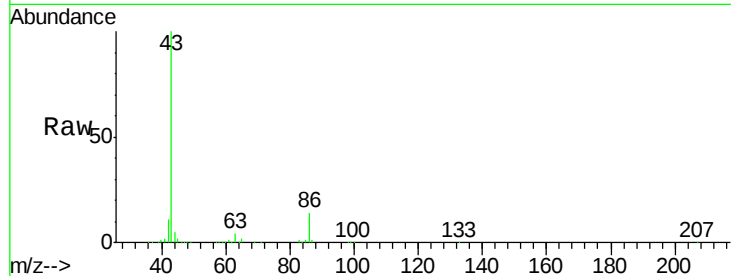
#23
 Vinyl Acetate
 Concen: 269.874 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
86	14.3	11.0	16.6

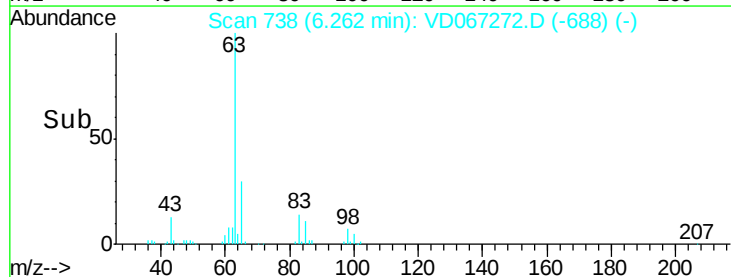
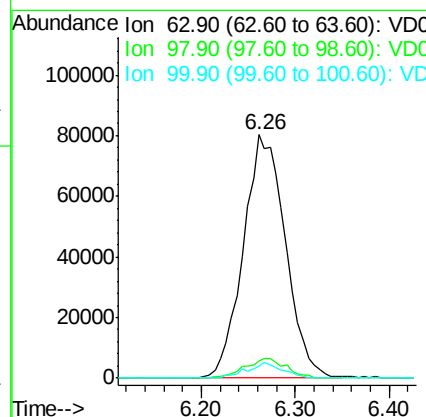
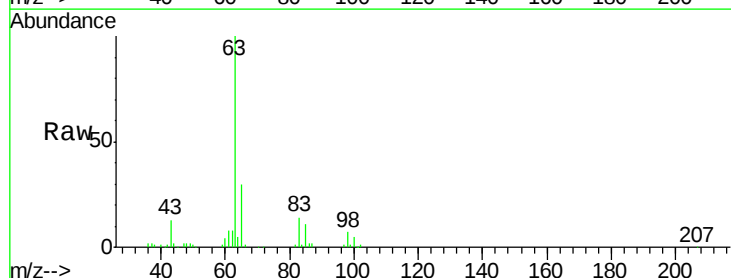
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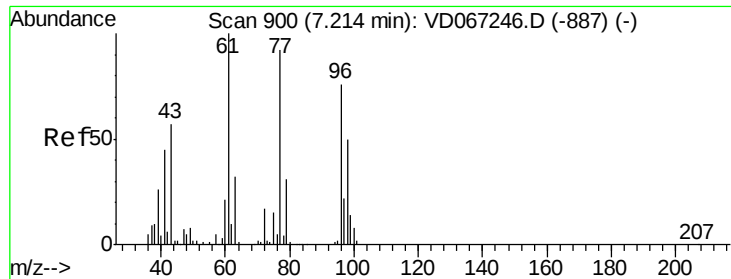
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#24
 1,1-Dichloroethane
 Concen: 48.664 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	4.0	12.2
100	4.9	2.8	8.4





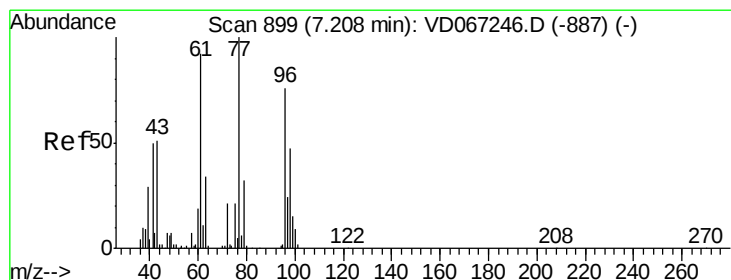
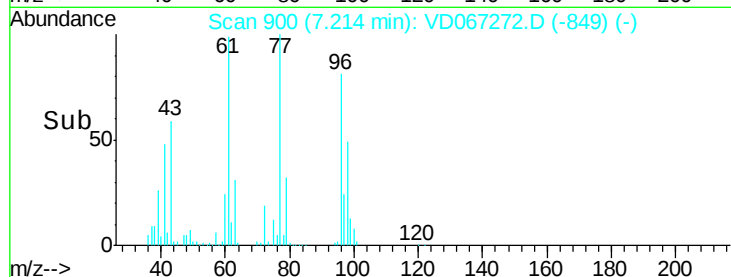
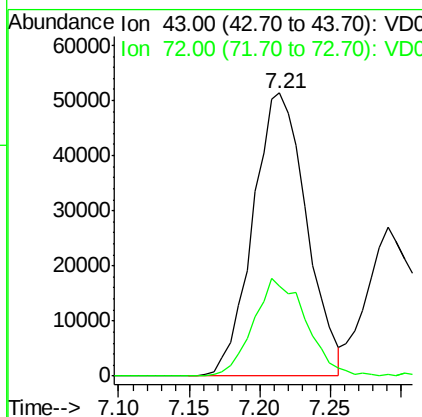
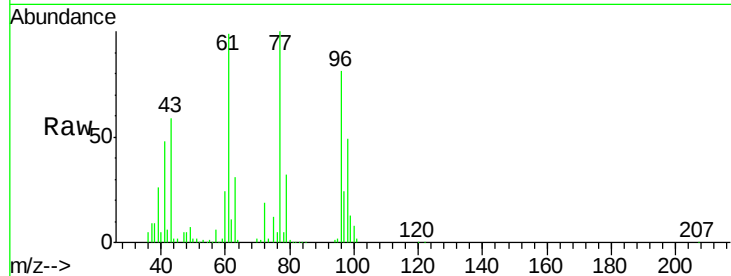
#25
2-Butanone
Concen: 246.588 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 136364
Ion Ratio Lower Upper
43 100
72 32.0 23.7 35.5

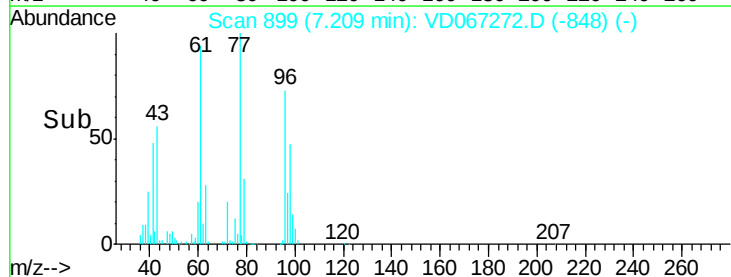
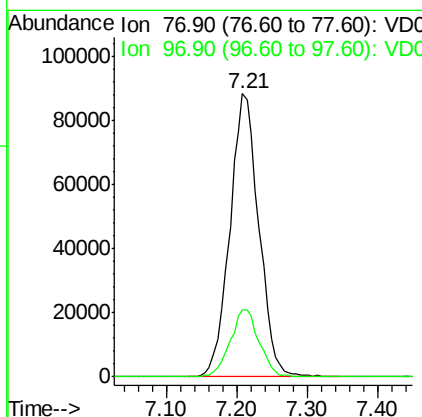
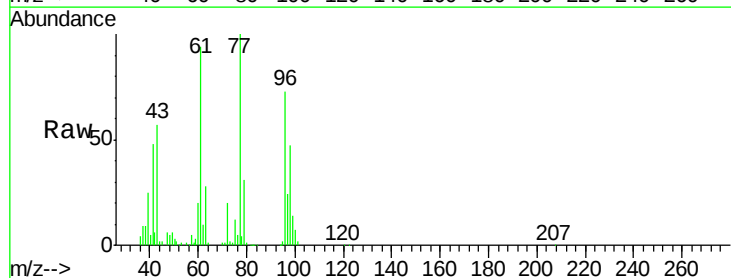
Manual Integrations
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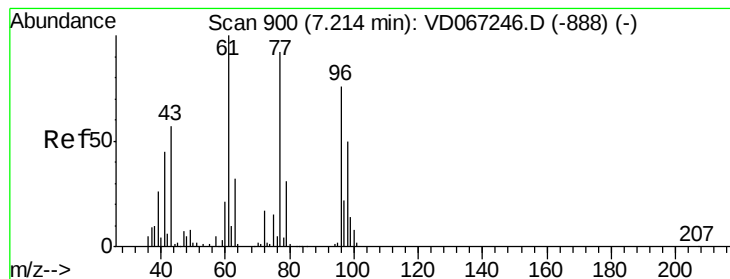
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#26
2,2-Dichloropropane
Concen: 47.751 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion: 77 Resp: 251513
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.709 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

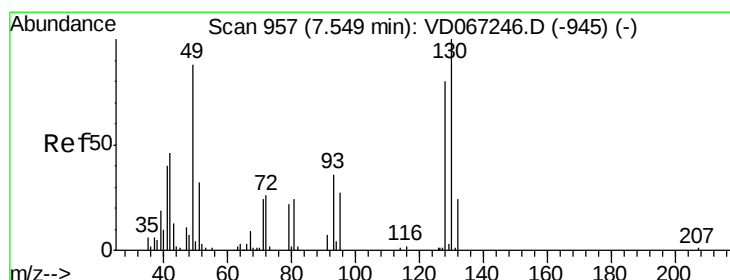
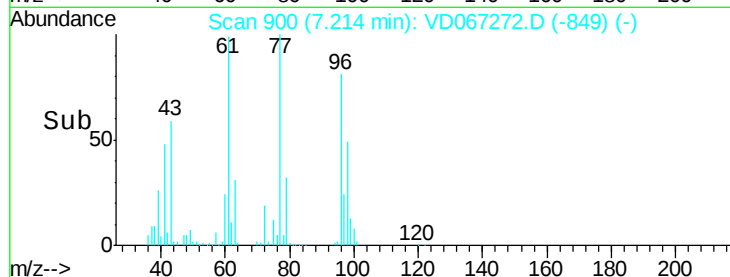
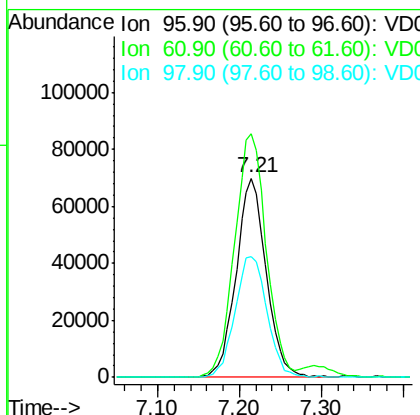
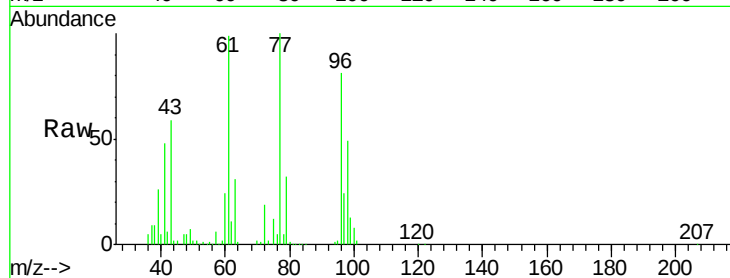
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	178904
Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	255.4
98	64.6	0.0	128.0

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#28

Bromochloromethane

Concen: 49.824 ug/l

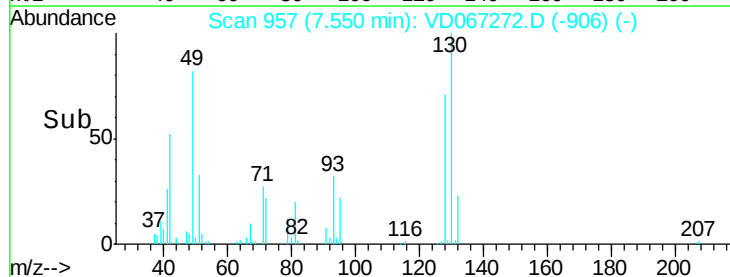
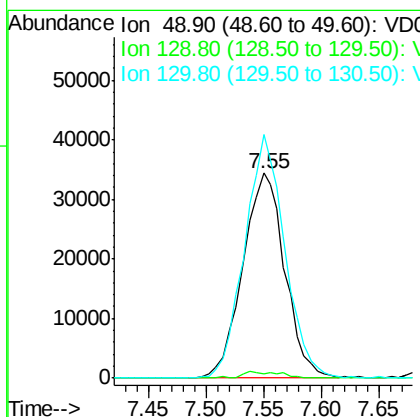
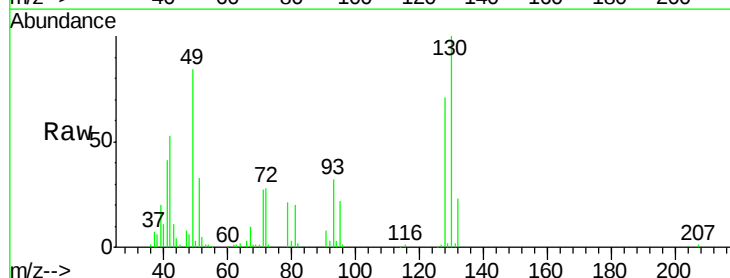
RT: 7.55 min Scan# 957

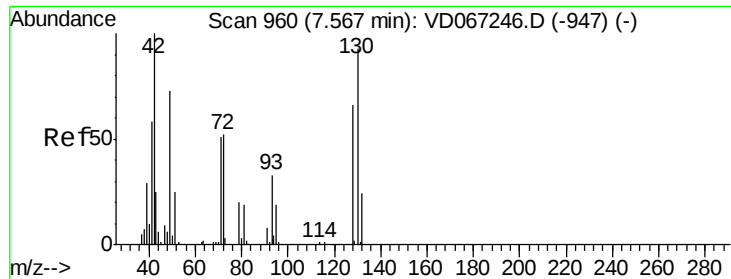
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	49	Resp:	86843
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.6
130	113.7	91.0	136.6





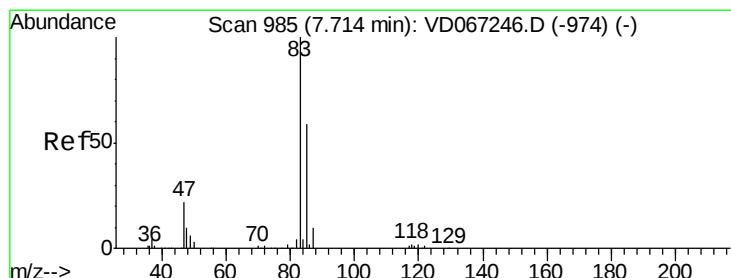
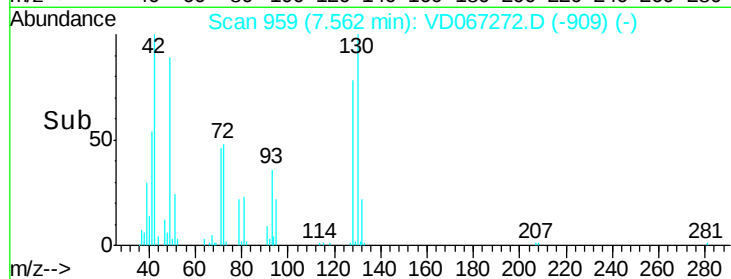
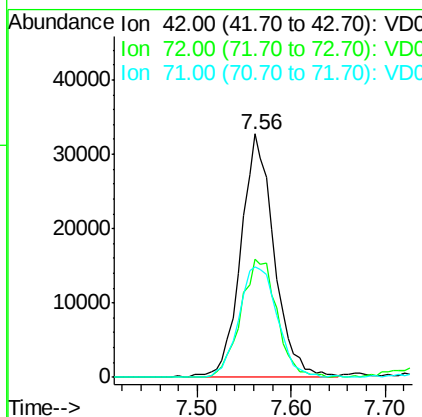
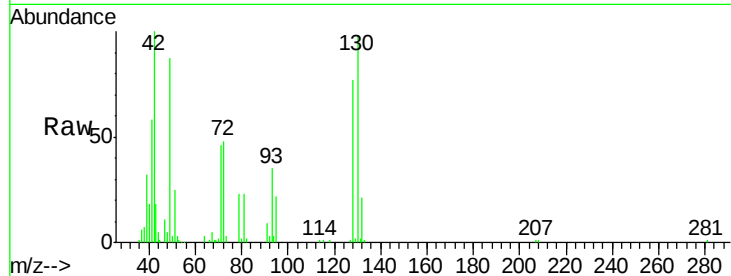
#29
Tetrahydrofuran
Concen: 261.659 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	43.2	64.8
71	52.2	39.4	59.0

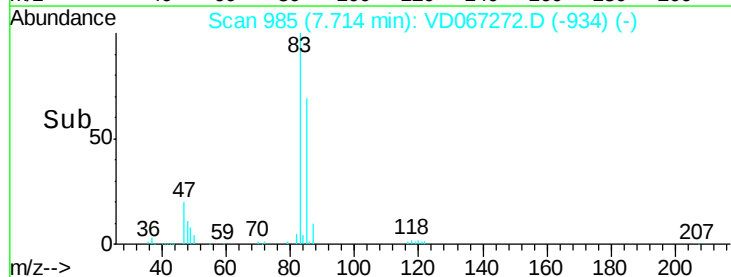
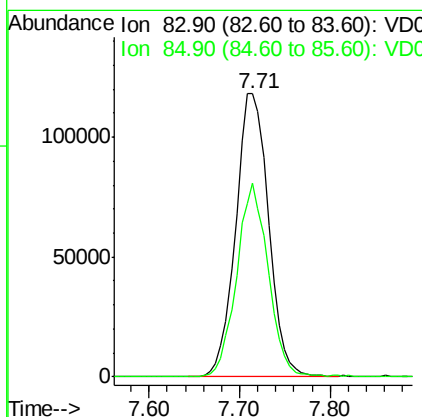
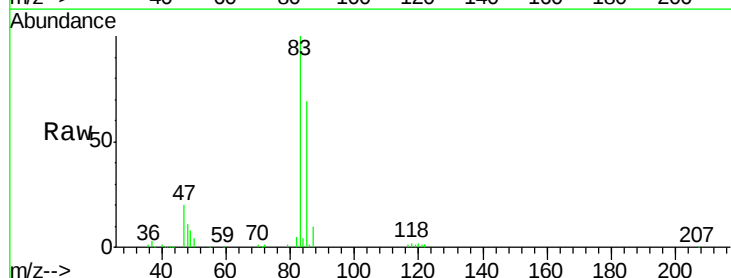
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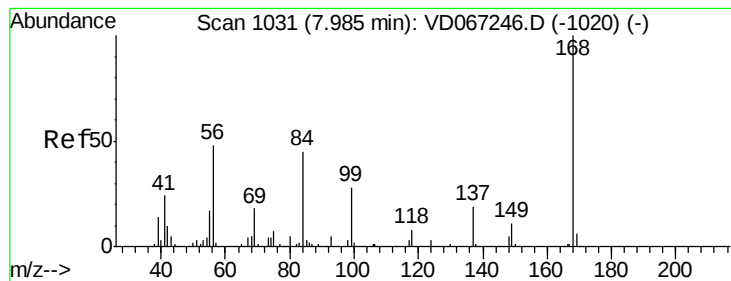
MMDadoda
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#30
Chloroform
Concen: 48.930 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	47.3	70.9





#31

Cyclohexane

Concen: 45.704 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

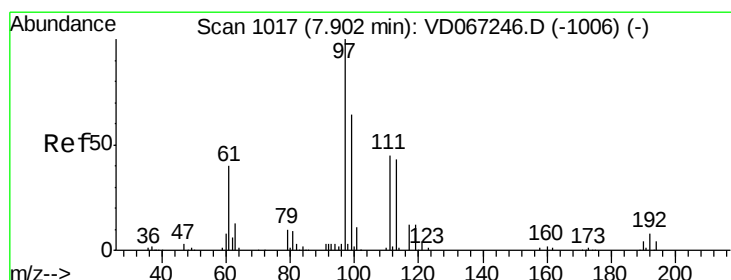
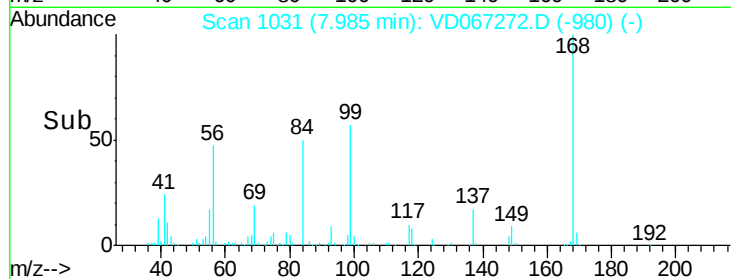
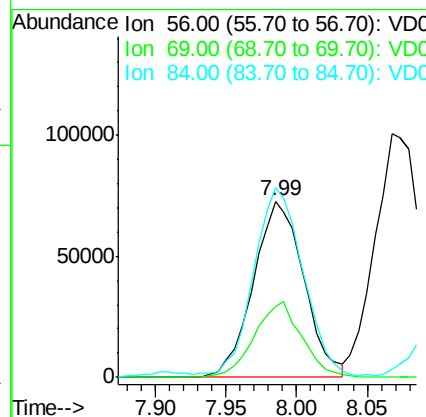
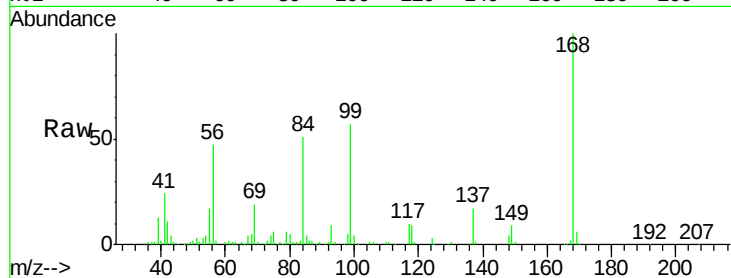
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	182349
Ion Ratio		Lower	Upper
56	100		
69	40.5	29.8	44.6
84	105.9	76.6	114.8

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#32

1,1,1-Trichloroethane

Concen: 48.424 ug/l

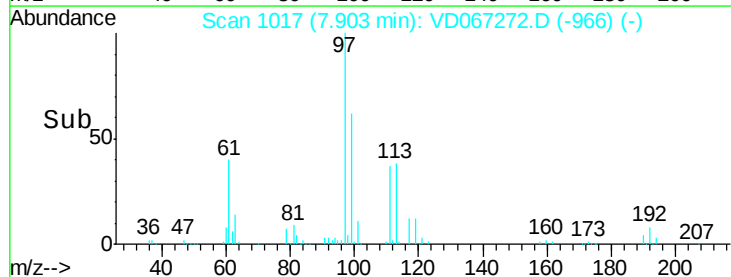
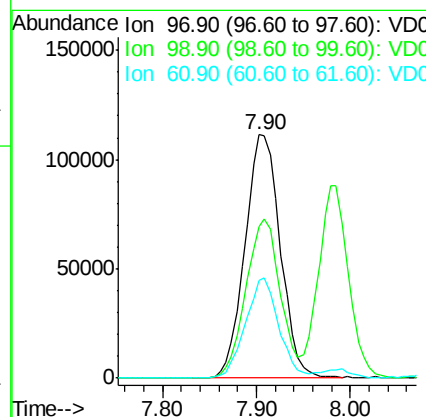
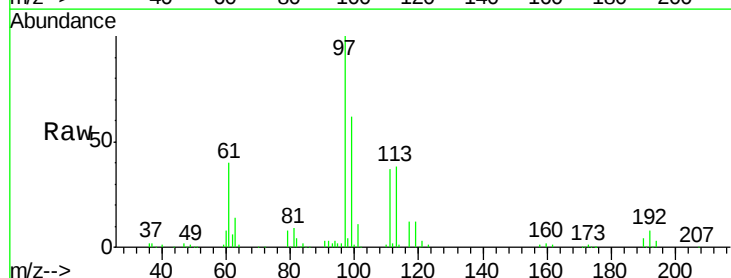
RT: 7.90 min Scan# 1017

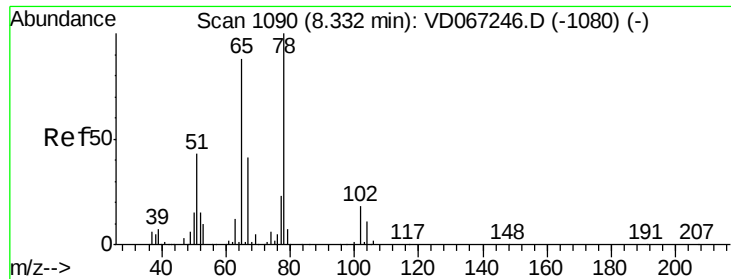
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	97	Resp:	290038
Ion Ratio		Lower	Upper
97	100		
99	63.5	50.2	75.4
61	38.7	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 47.427 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 164288

Ion Ratio Lower Upper

65 100

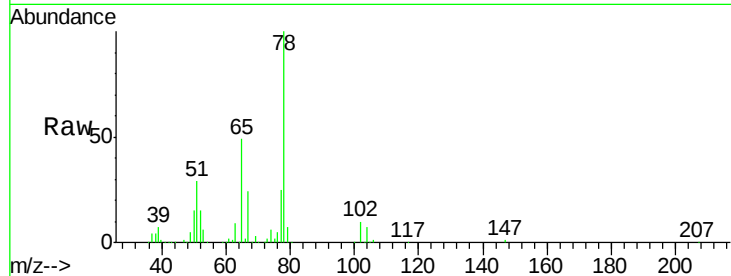
67 50.5 0.0 103.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

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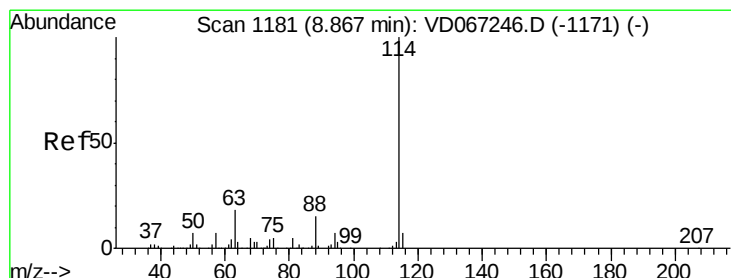
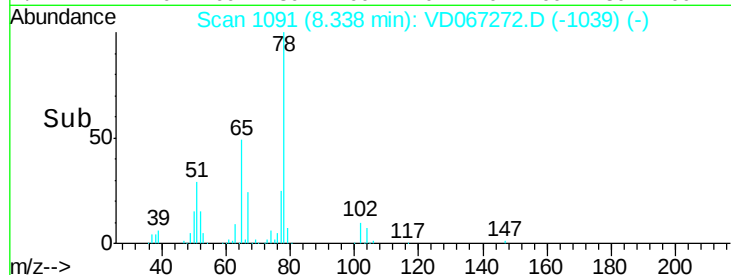
8.34

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8.34



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

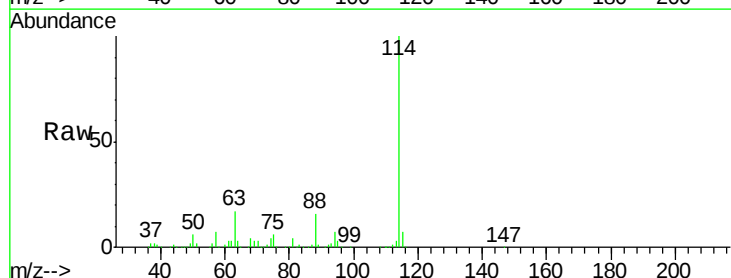
Tgt Ion: 114 Resp: 521244

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 15.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

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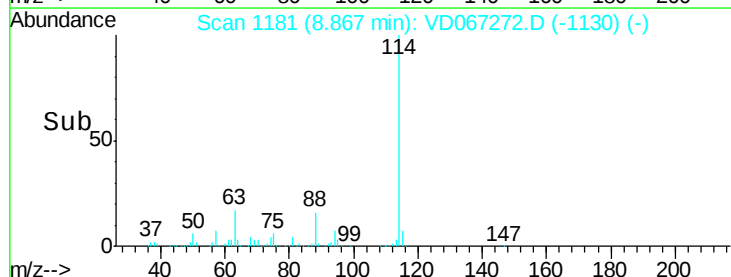
8.87

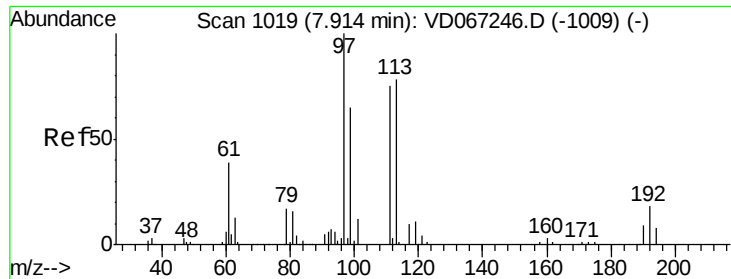
8.87

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8.87





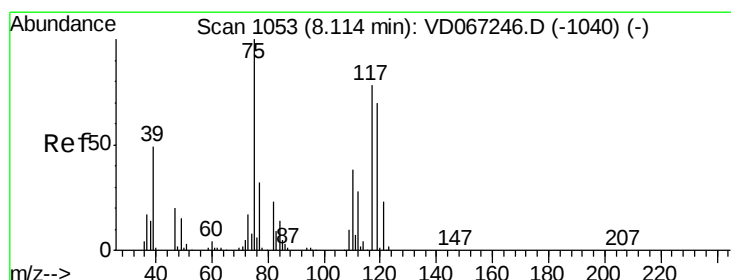
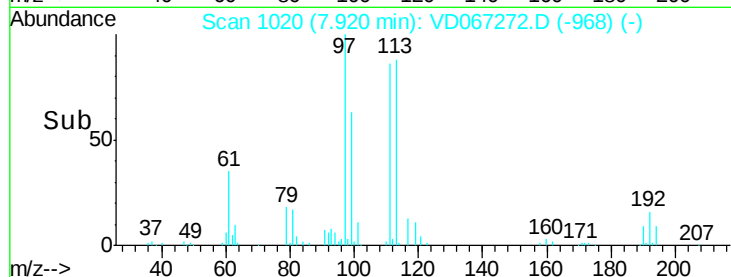
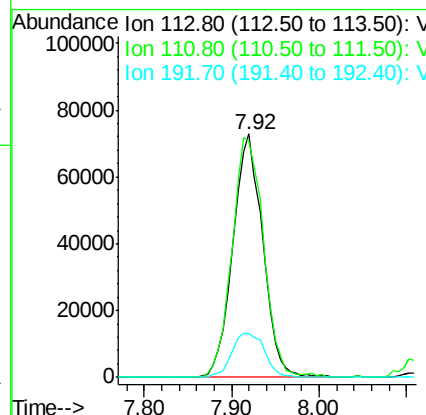
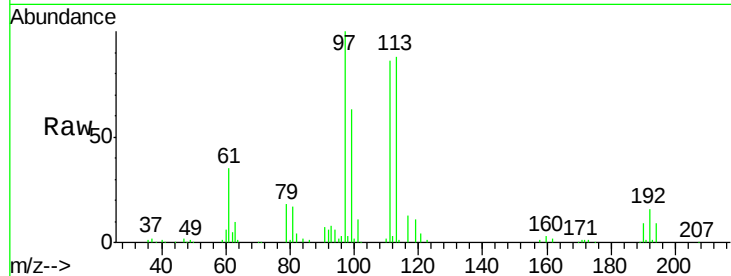
#35
 Dibromofluoromethane
 Concen: 48.941 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169771		
111	104.0		81.6	122.4
192	19.8		17.0	25.4

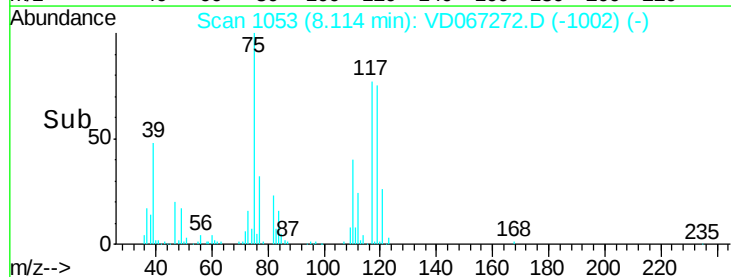
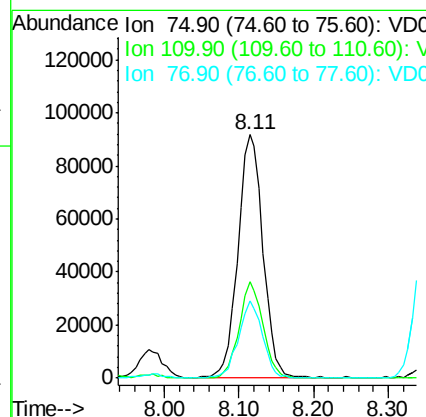
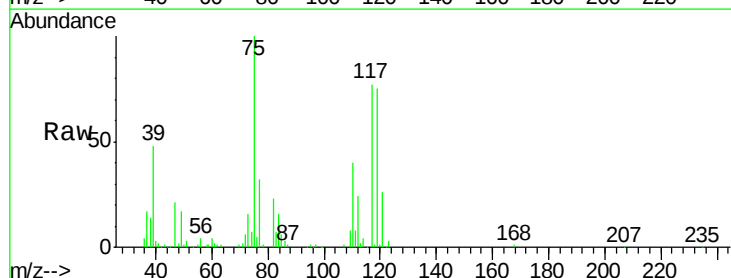
Manual Integrations
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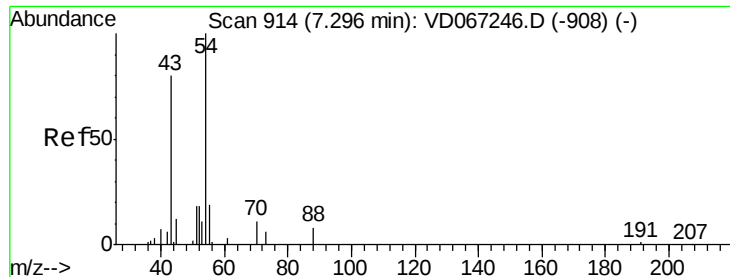
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#36
 1,1-Dichloropropene
 Concen: 48.480 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214180		
110	37.5		19.6	58.7
77	30.3		24.6	37.0





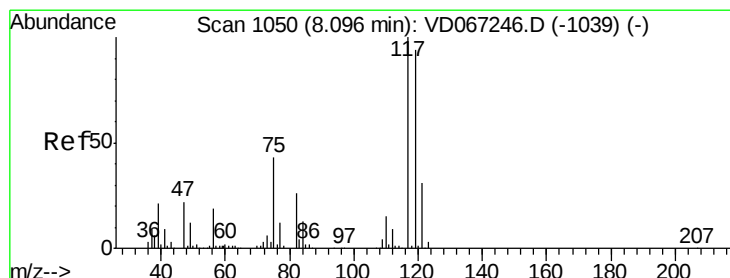
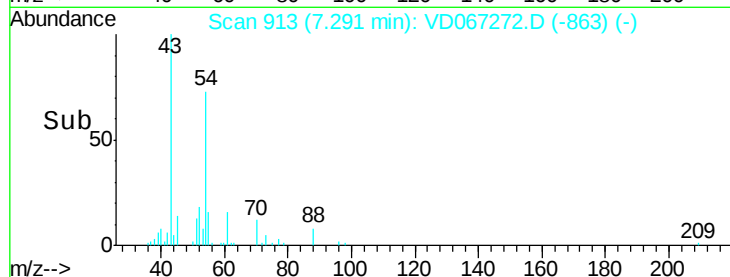
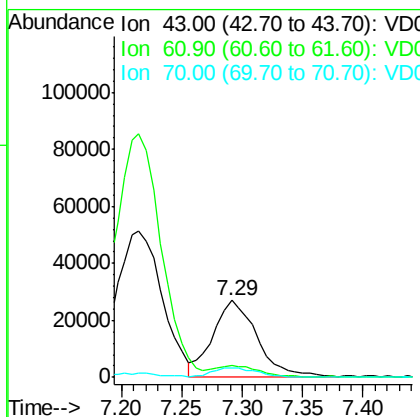
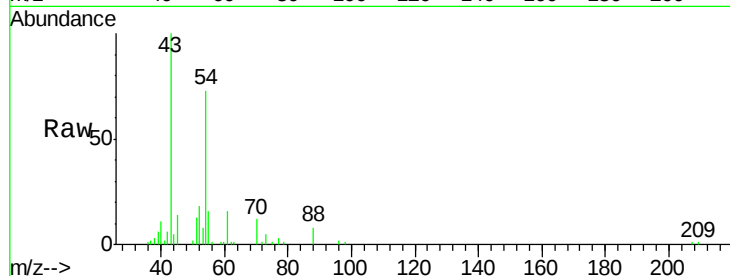
#37
Ethyl Acetate
Concen: 52.373 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	15.6	23.4#
70	12.6	10.4	15.6

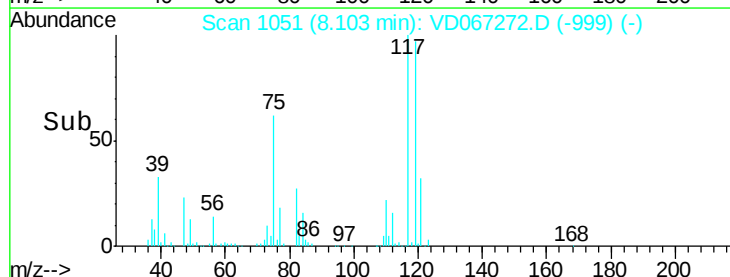
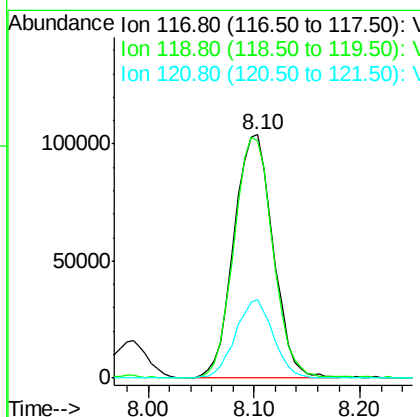
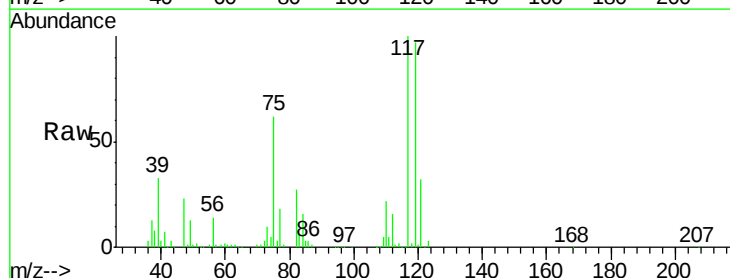
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#38
Carbon Tetrachloride
Concen: 47.087 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.0	112.4
121	32.5	24.9	37.3





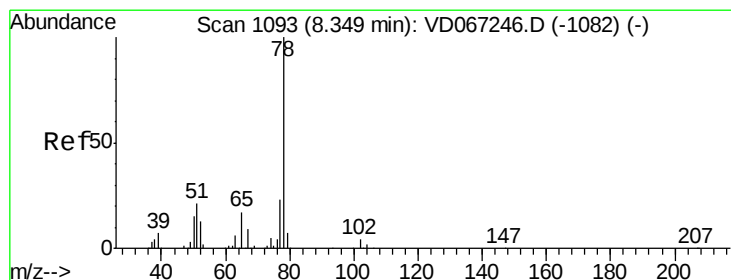
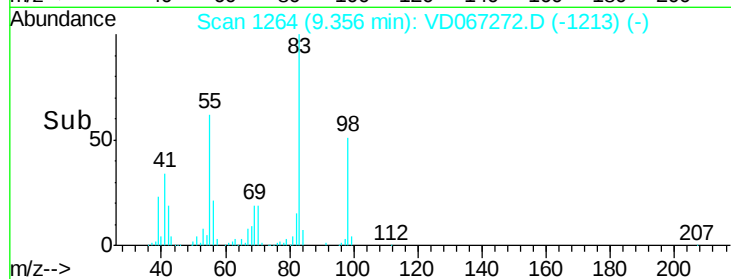
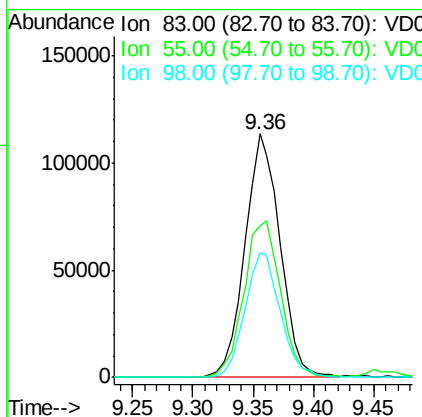
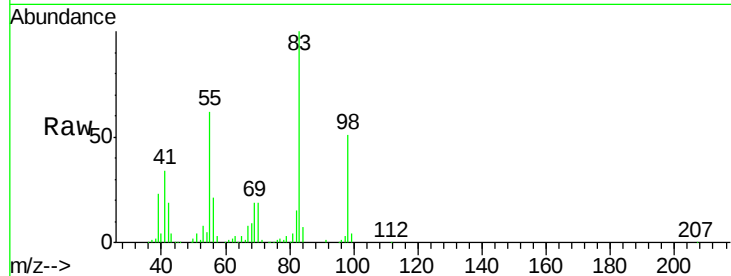
#39
Methvlcvclohexane
Concen: 50.010 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.4	53.3	79.9
98	51.0	41.0	61.4

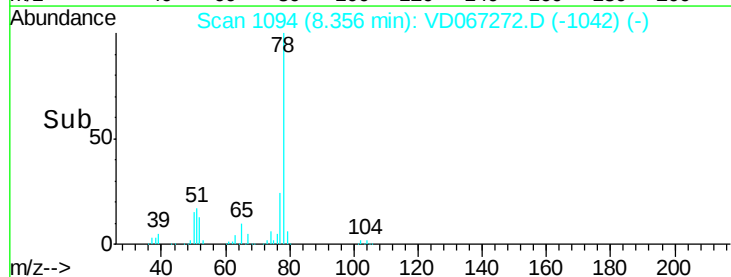
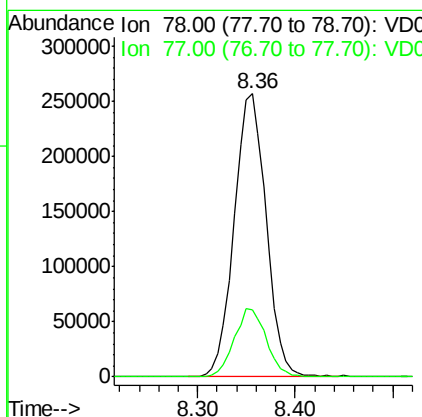
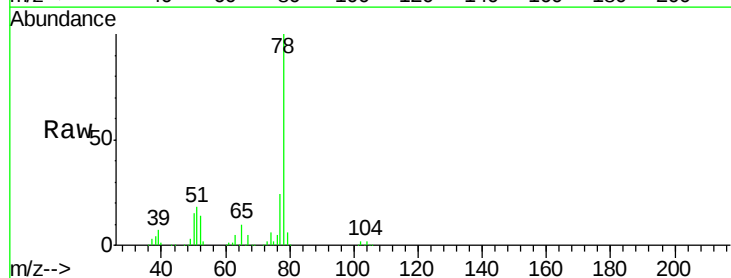
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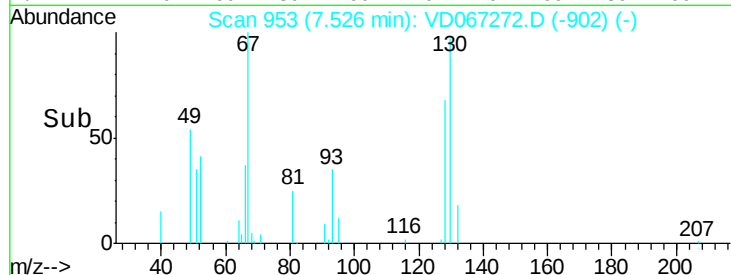
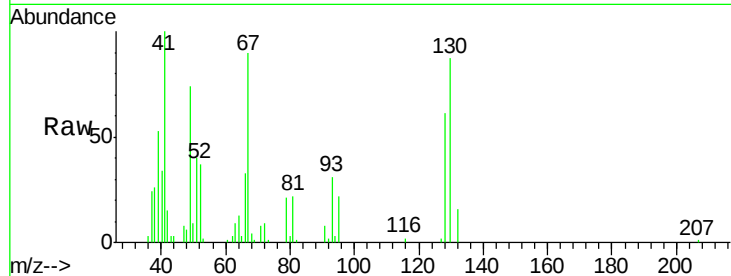
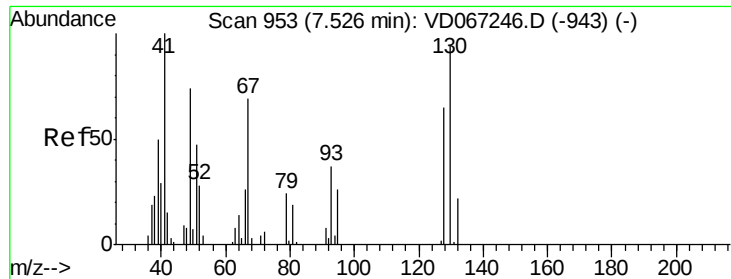
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#40
Benzene
Concen: 48.538 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

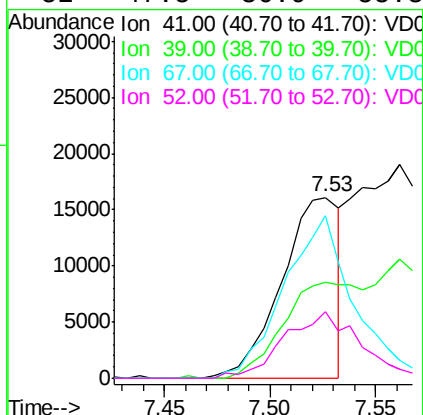
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





#41
Methacrylonitrile
Concen: 44.029 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

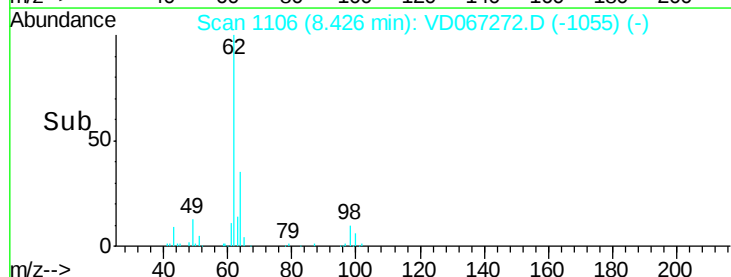
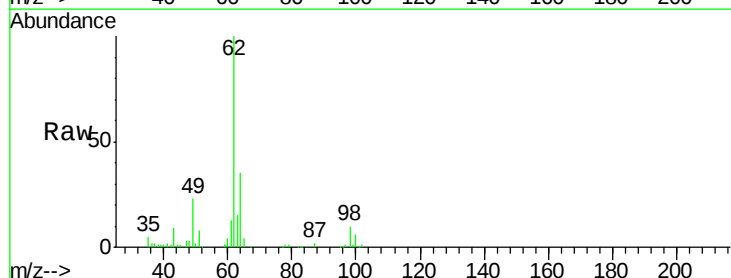
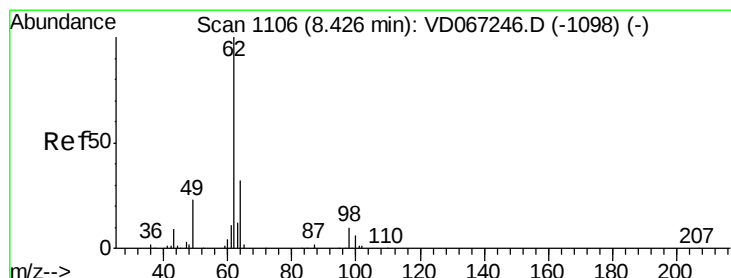
Tot Ion	41	Resp	30926
Ion Ratio	Lower	Upper	
41	100		
39	70.8	60.0	90.0
67	108.1	88.9	133.3
52	47.5	36.9	55.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

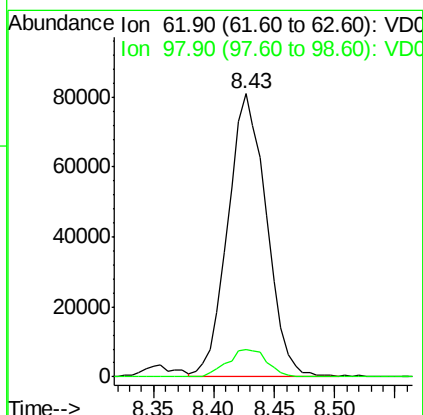
Manual Integrations
APPROVED

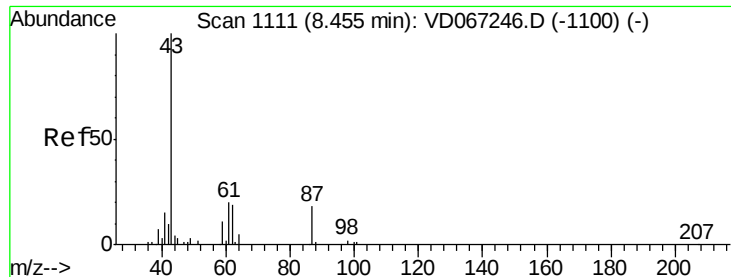
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#42
1,2-Dichloroethane
Concen: 47.196 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	62	Resp	179011
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 51.198 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

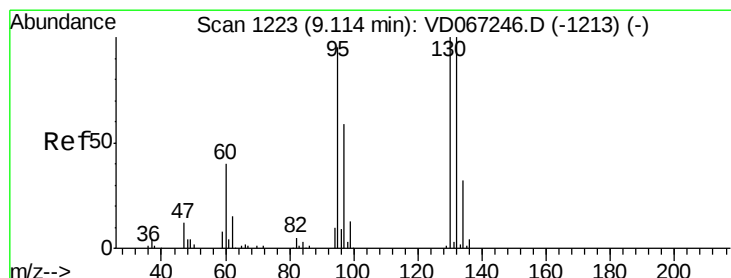
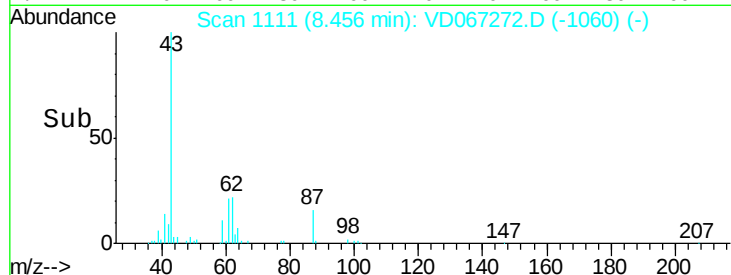
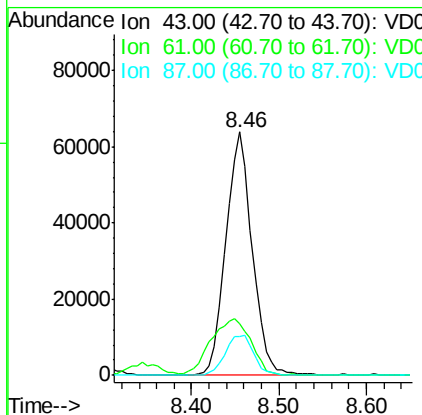
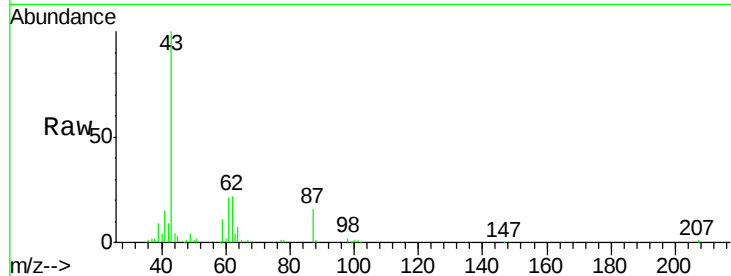
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	132050
Ion	Ratio	Lower	Upper
43	100		
61	35.8	29.5	44.3
87	17.7	14.2	21.4

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#44

Trichloroethene

Concen: 49.023 ug/l

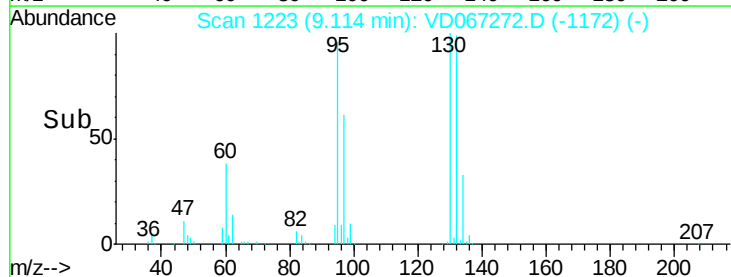
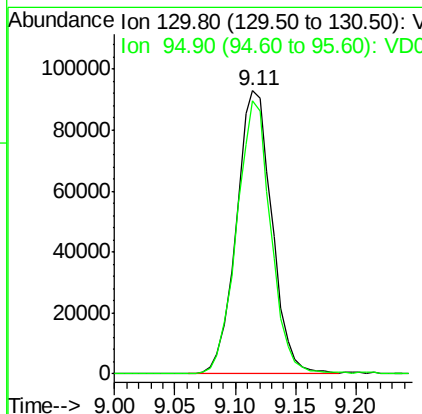
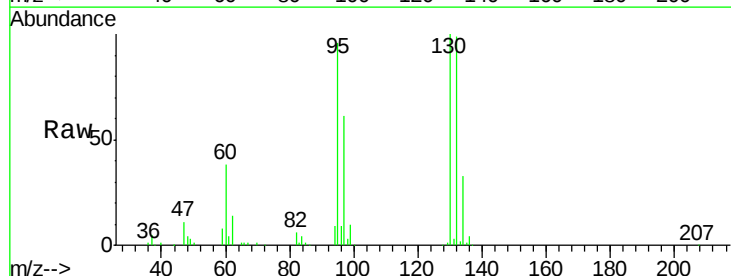
RT: 9.11 min Scan# 1223

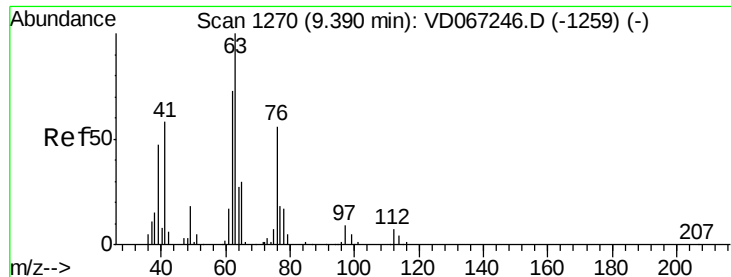
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	130	Resp:	190234
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	190.6





#45

1,2-Dichloropropane

Concen: 48.739 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 136902

Ion Ratio Lower Upper

63 100

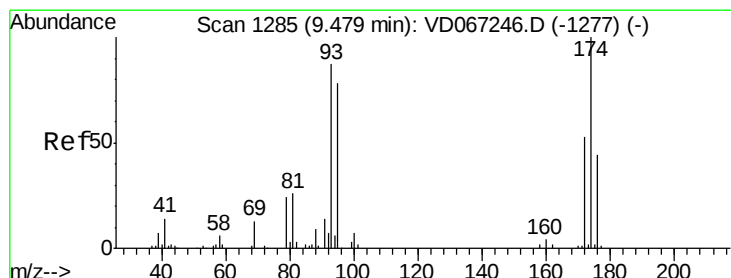
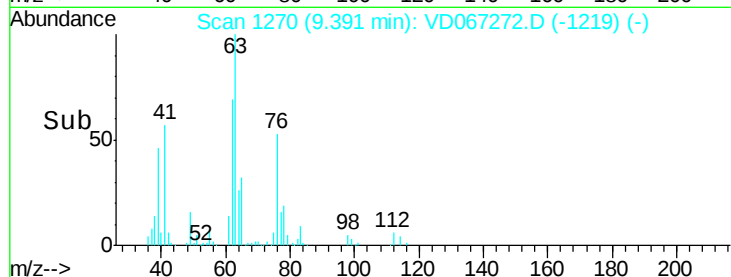
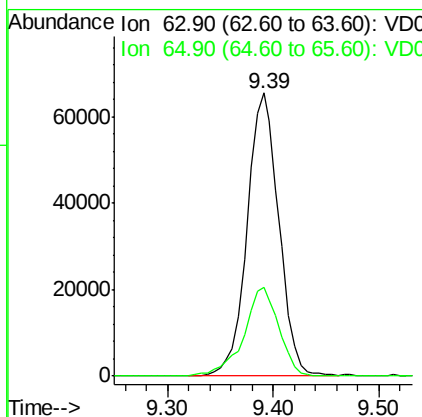
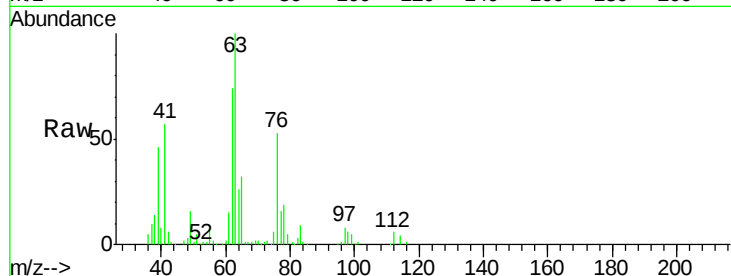
65 31.6 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 48.763 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

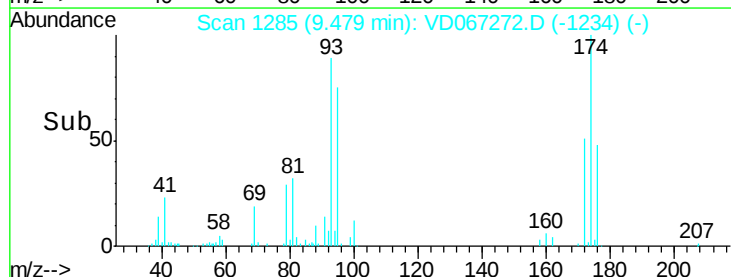
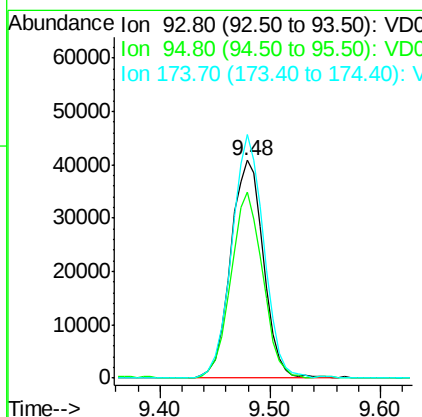
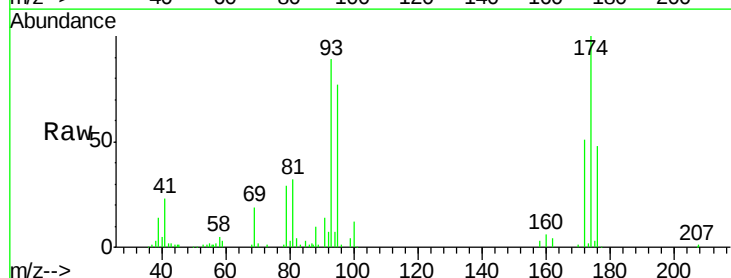
Tgt Ion: 93 Resp: 85340

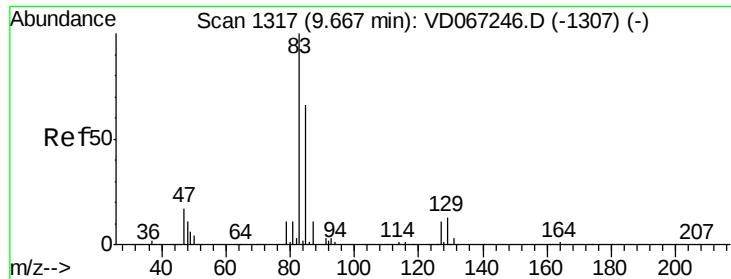
Ion Ratio Lower Upper

93 100

95 82.6 68.0 102.0

174 108.8 91.8 137.6





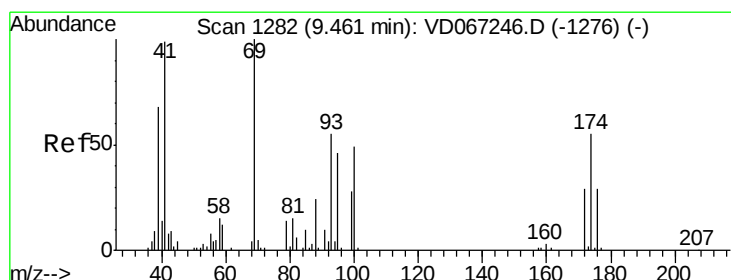
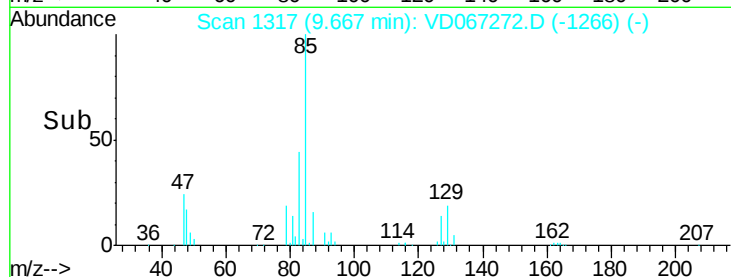
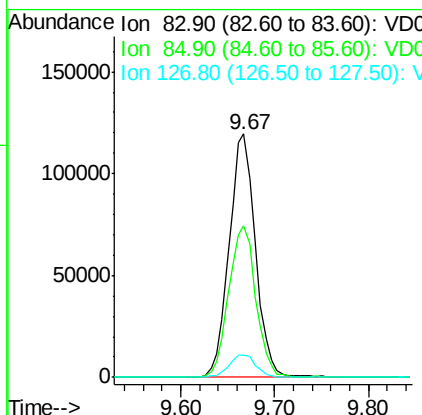
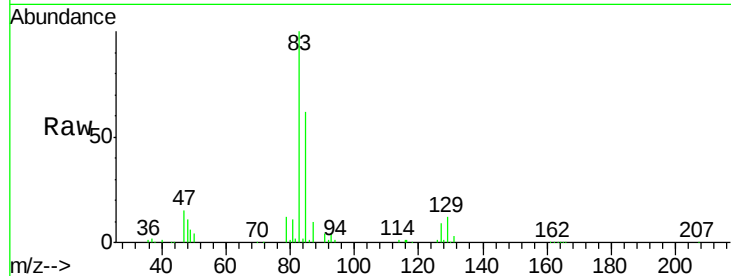
#47
Bromodichloromethane
Concen: 49.457 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231897		
85	62.2	53.1	79.7	
127	8.9	8.6	13.0	

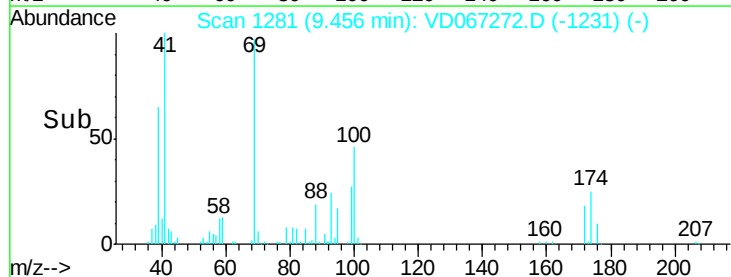
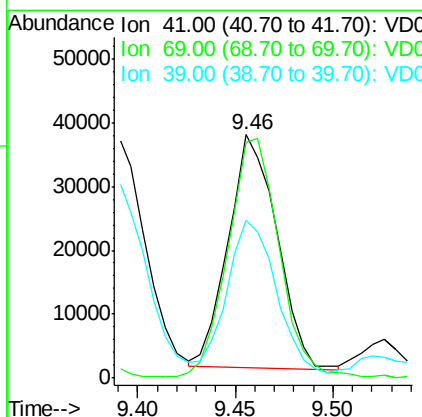
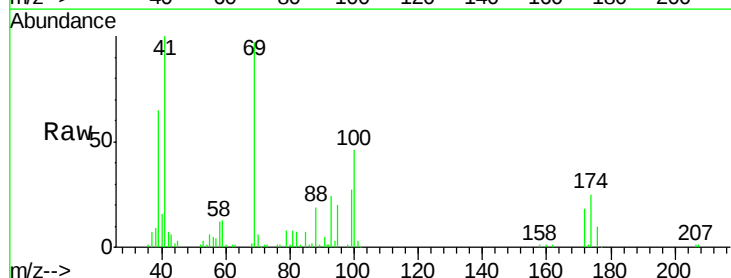
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#48
Methyl methacrylate
Concen: 50.472 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	63261		
69	109.3	89.0	133.6	
39	71.0	60.2	90.2	





#49

1,4-Dioxane

Concen: 1021.060 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 17282

Ion Ratio Lower Upper

88 100

43 29.6 23.9 35.9

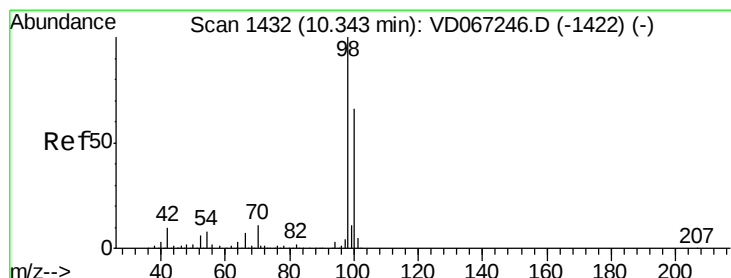
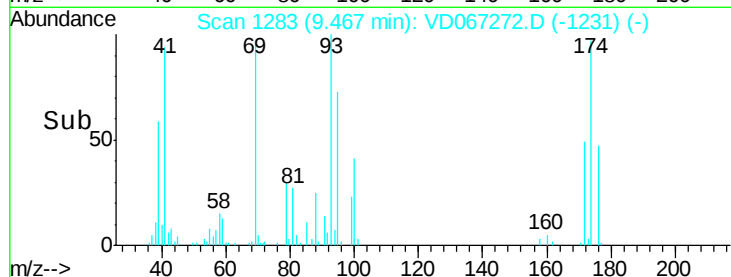
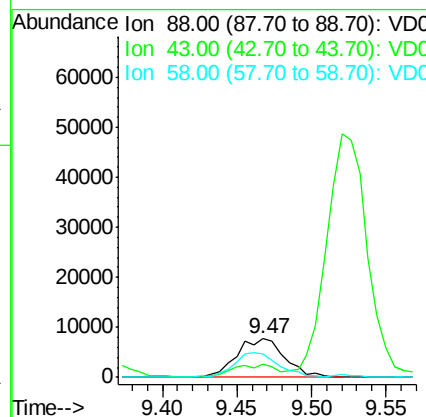
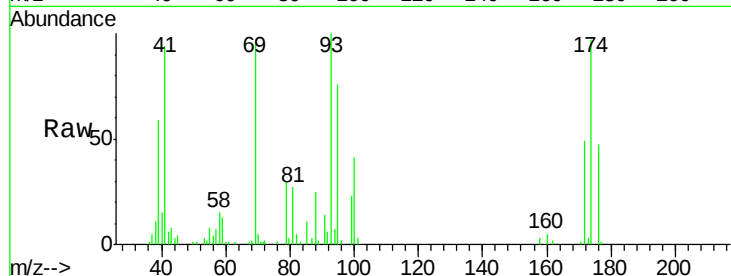
58 59.1 51.0 76.6

Manual Integrations

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#50

Toluene-d8

Concen: 49.853 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067272.D

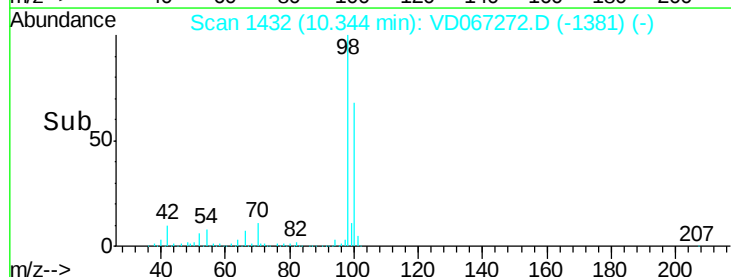
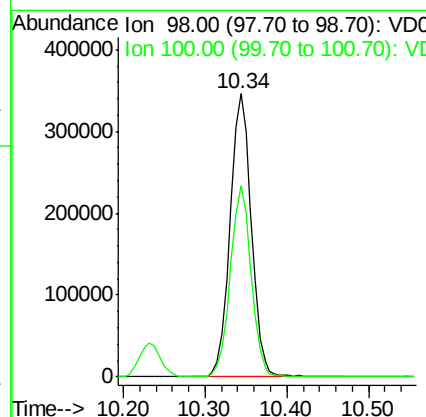
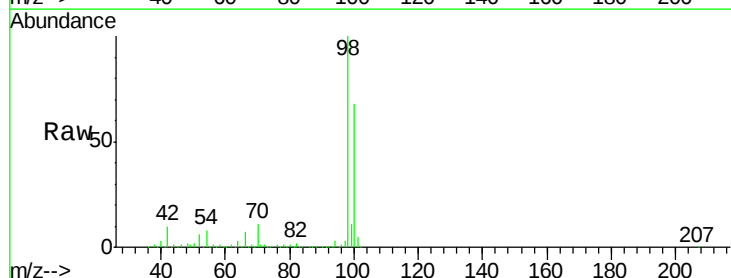
Acq: 14 Oct 2020 17:33

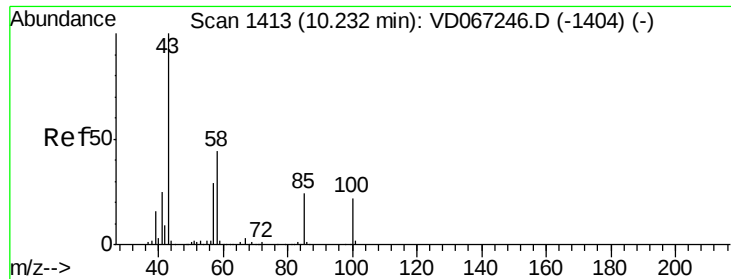
Tgt Ion: 98 Resp: 625836

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 251.428 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 323442

Ion Ratio Lower Upper

43 100

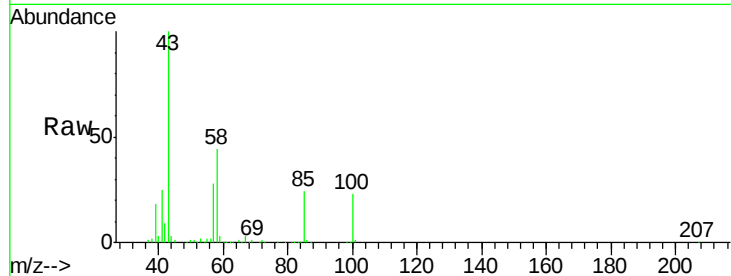
58 43.2 35.7 53.5

Manual Integrations

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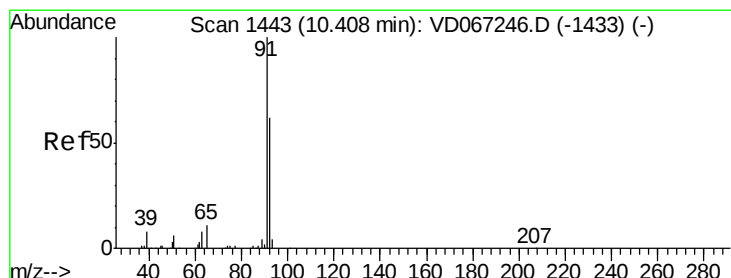
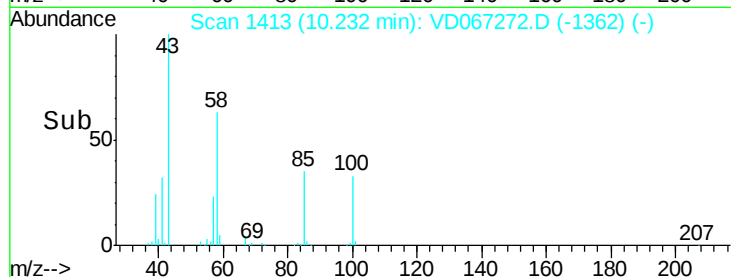
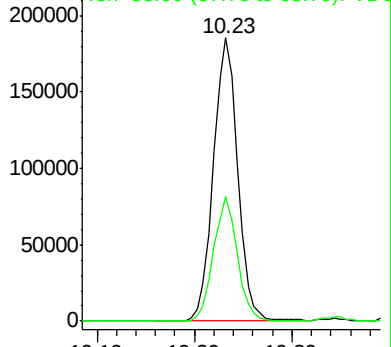
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.925 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067272.D

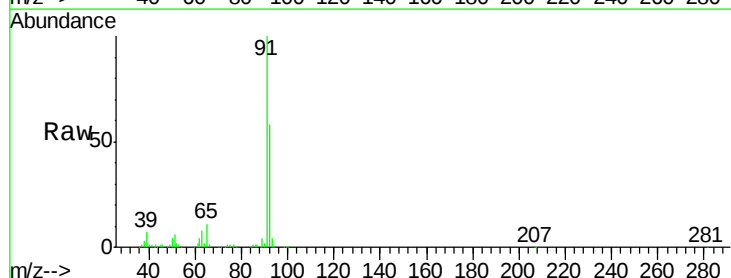
Acq: 14 Oct 2020 17:33

Tgt Ion: 92 Resp: 403870

Ion Ratio Lower Upper

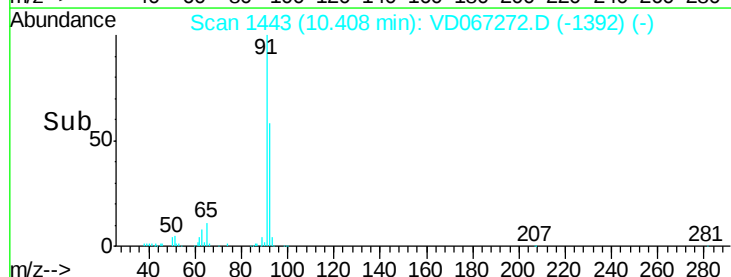
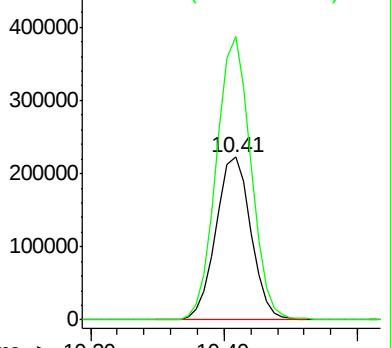
92 100

91 171.6 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





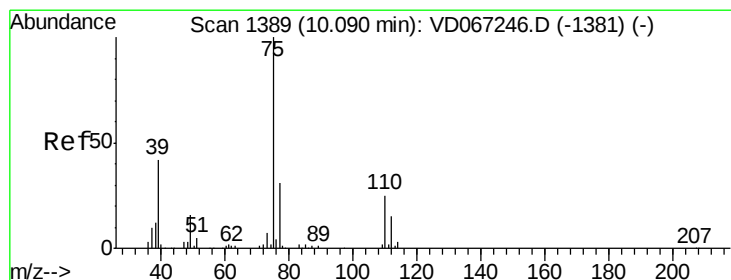
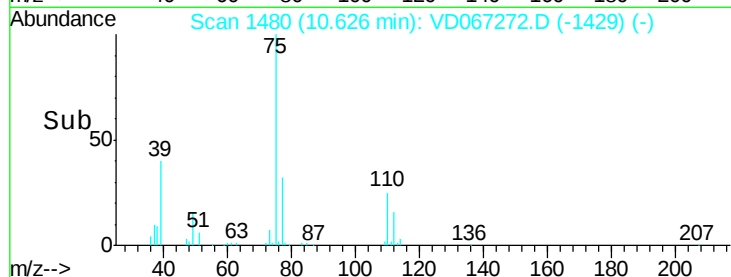
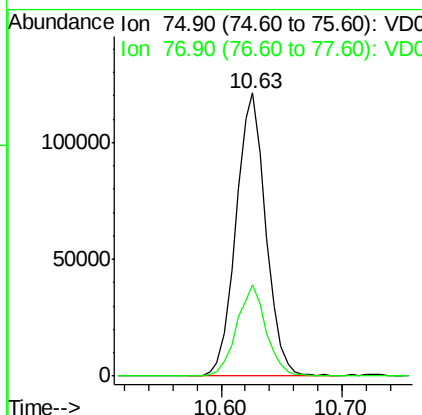
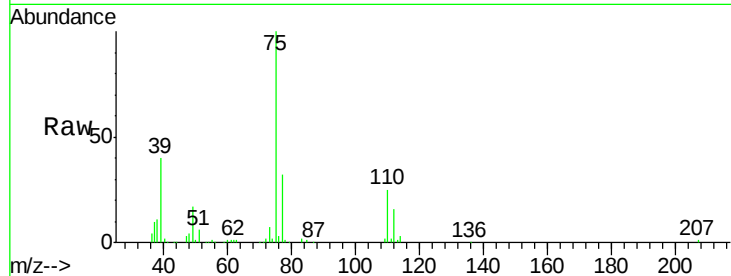
#53
t-1,3-Dichloropropene
Concen: 50.596 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.5	39.7

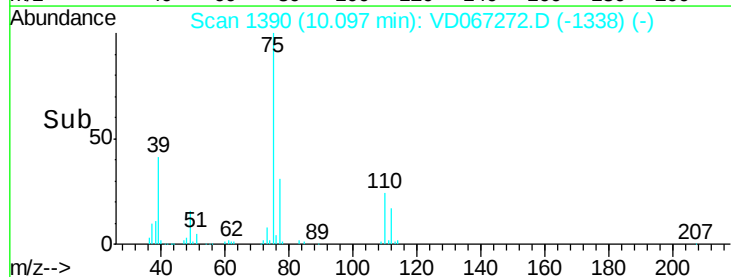
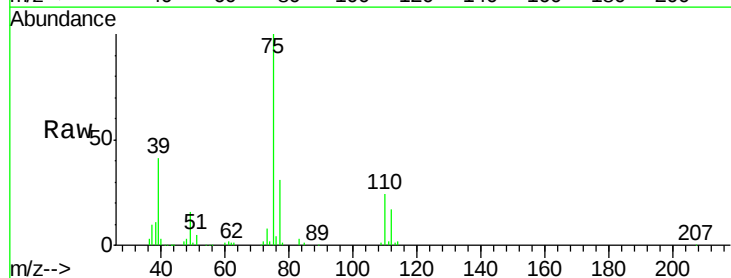
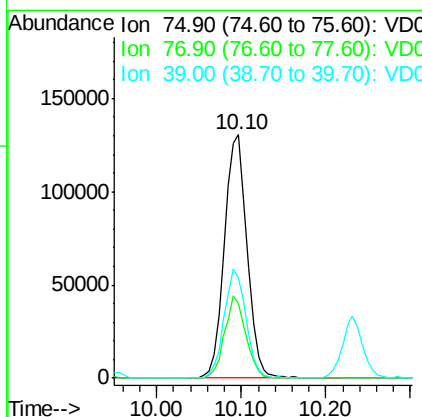
Manual Integrations
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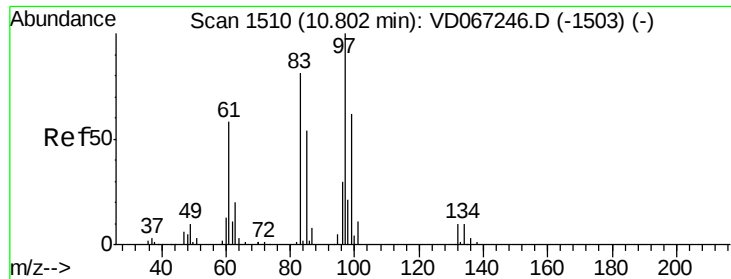
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#54
cis-1,3-Dichloropropene
Concen: 50.004 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.5	36.7
39	41.1	33.7	50.5





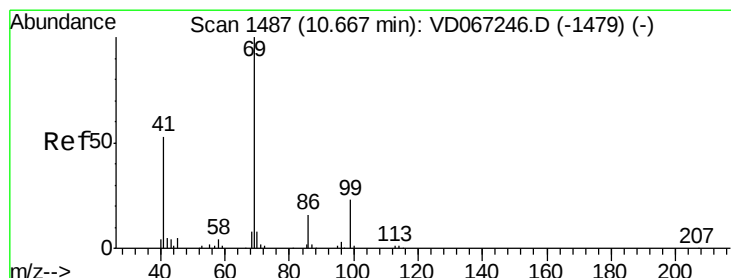
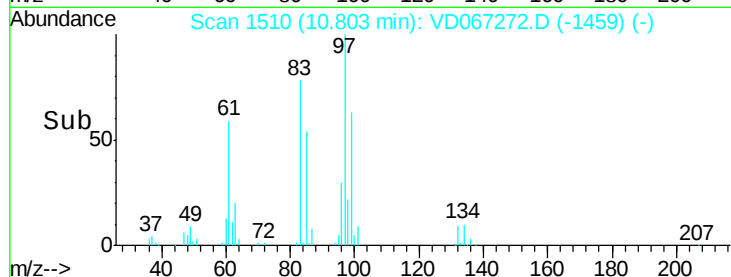
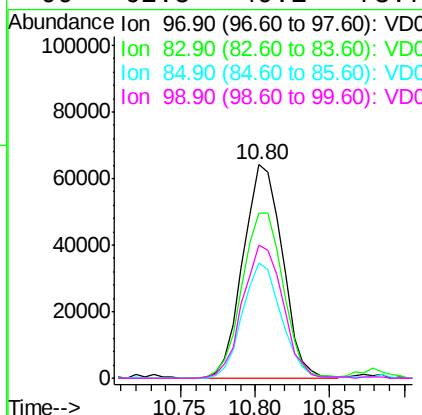
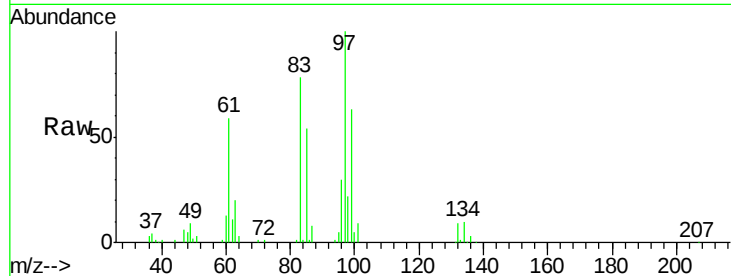
#55
 1,1,2-Trichloroethane
 Concen: 49.363 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	117805
Ion	Ratio	Lower	Upper
97	100		
83	77.6	64.9	97.3
85	54.0	43.3	64.9
99	62.5	49.1	73.7

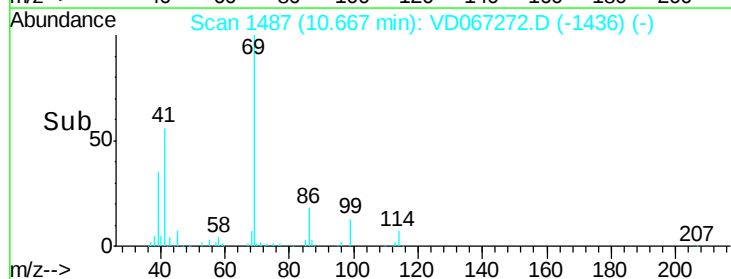
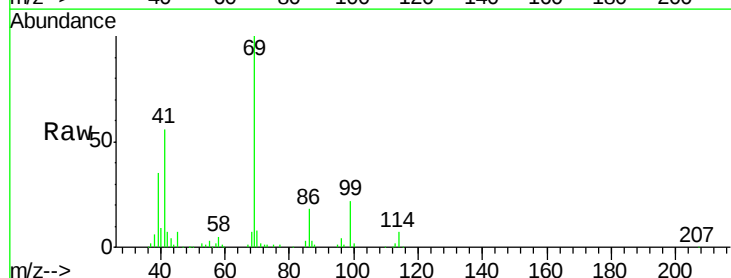
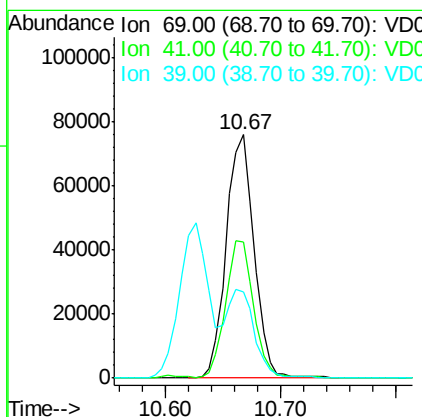
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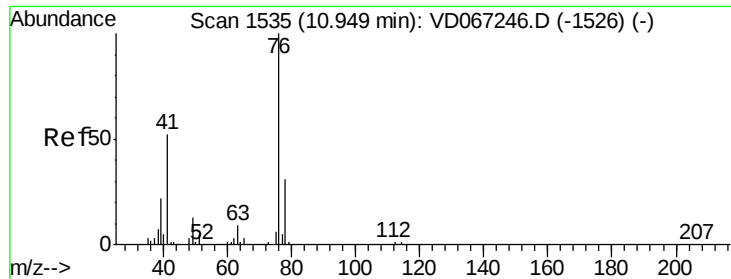
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#56
 Ethyl methacrylate
 Concen: 51.341 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	69	Resp	127072
Ion	Ratio	Lower	Upper
69	100		
41	55.6	44.7	67.1
39	33.8	26.2	39.2





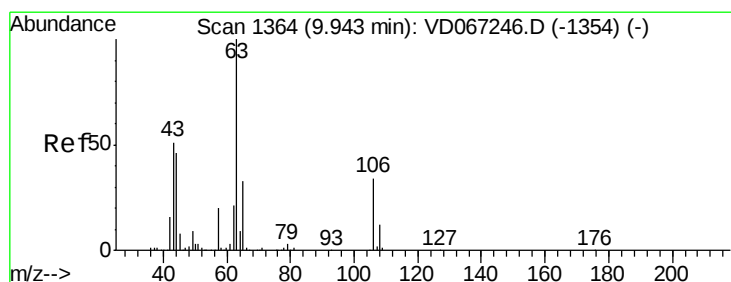
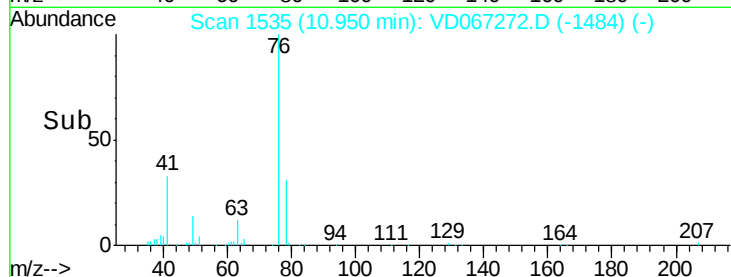
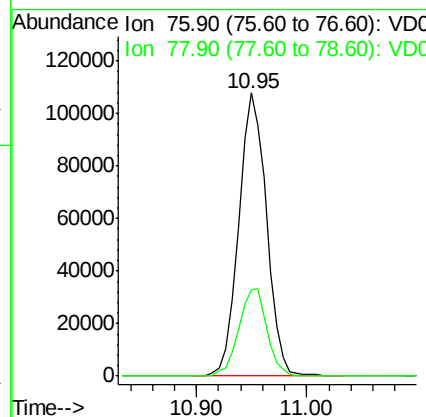
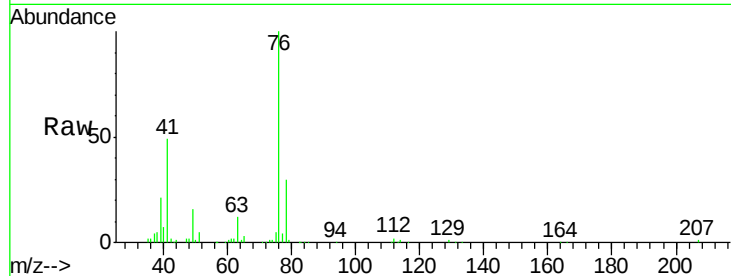
#57
 1,3-Dichloropropane
 Concen: 50.247 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 190833
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.8 40.2

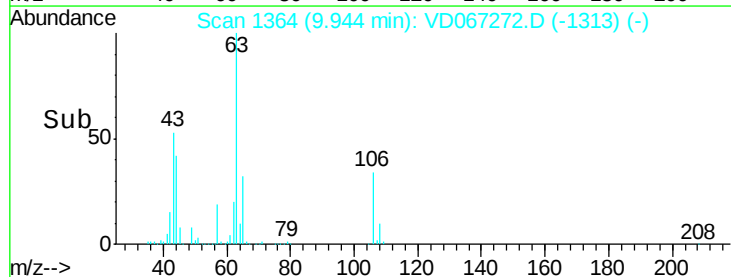
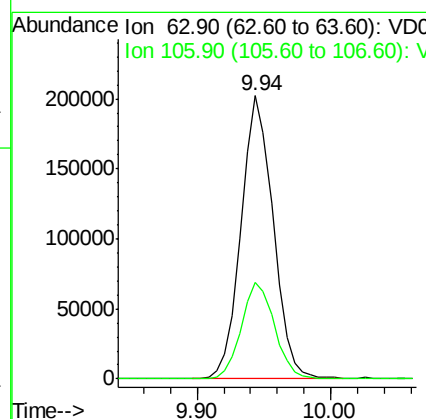
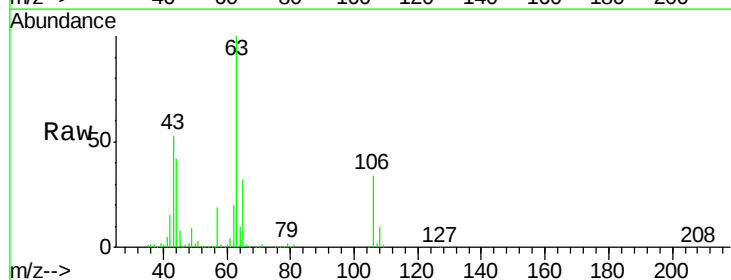
Manual Integrations
 APPROVED

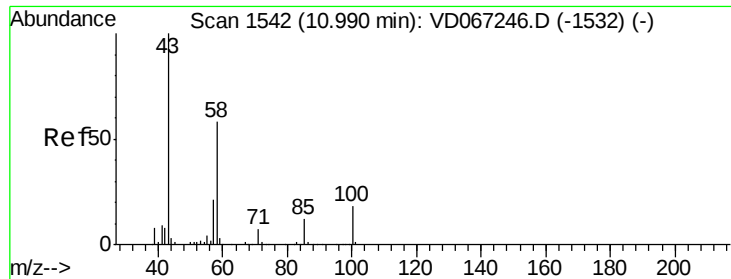
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#58
 2-Chloroethyl Vinyl ether
 Concen: 265.316 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion: 63 Resp: 336871
 Ion Ratio Lower Upper
 63 100
 106 35.1 27.8 41.6





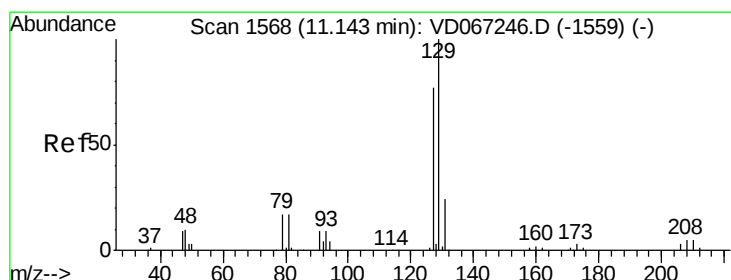
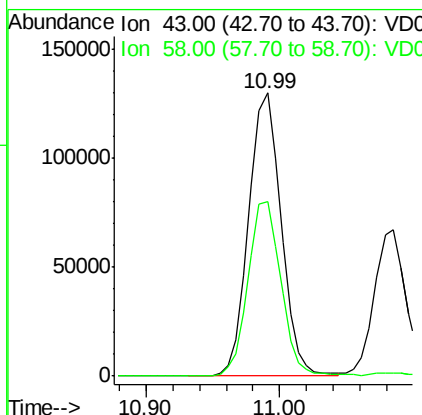
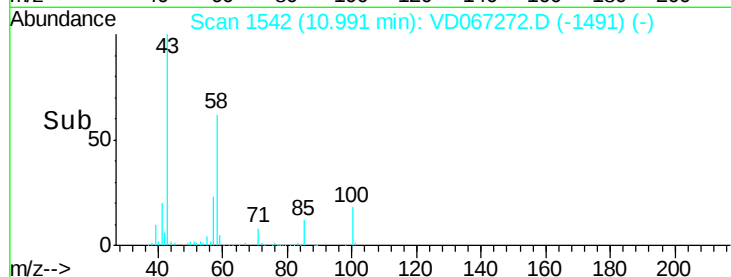
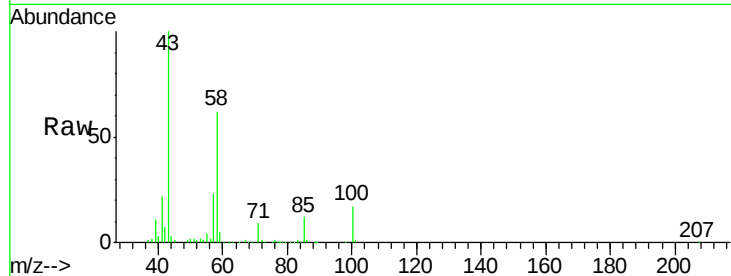
#59
2-Hexanone
Concen: 249.465 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 219292
Ion Ratio Lower Upper
43 100
58 62.5 29.3 87.9

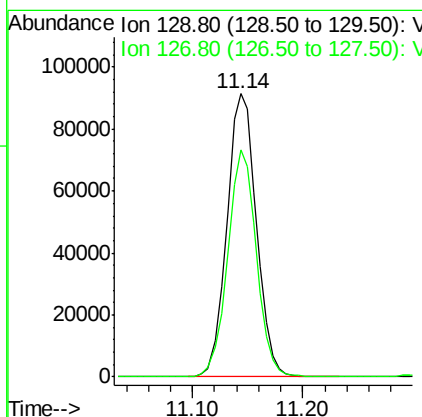
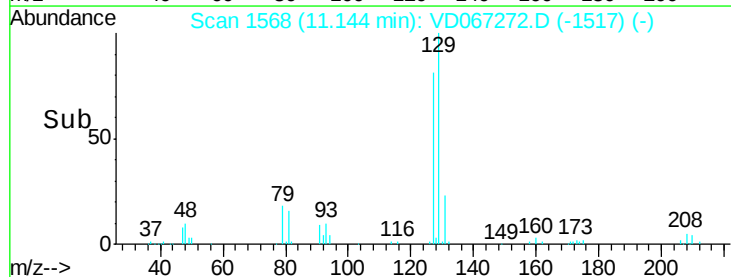
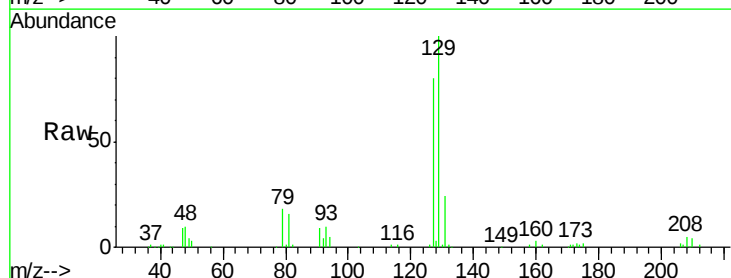
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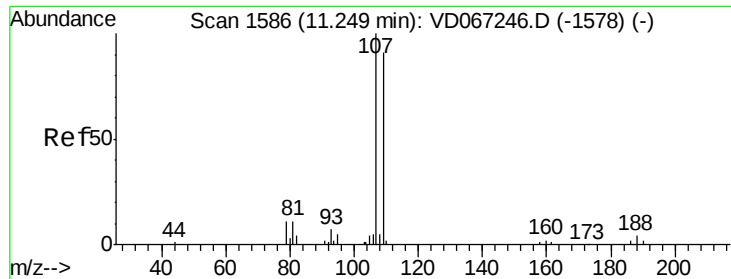
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#60
Dibromochloromethane
Concen: 49.114 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion: 129 Resp: 170934
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





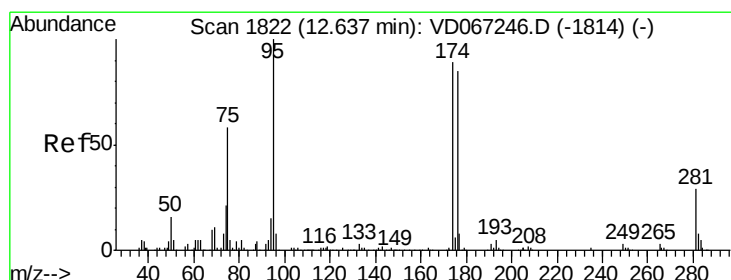
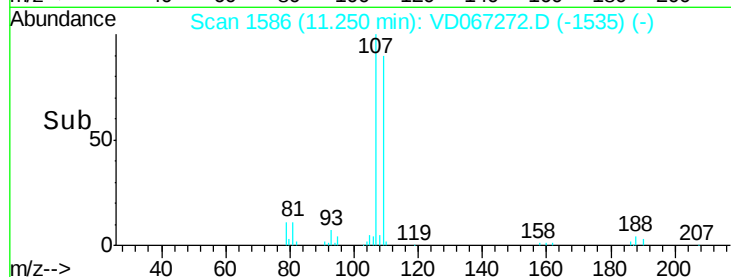
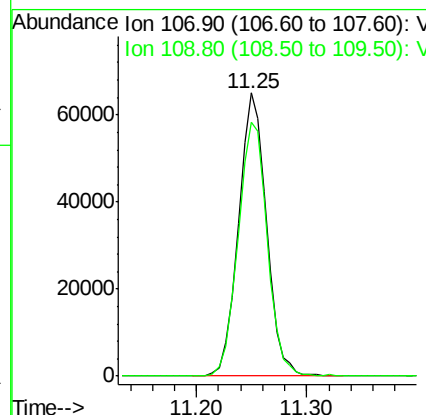
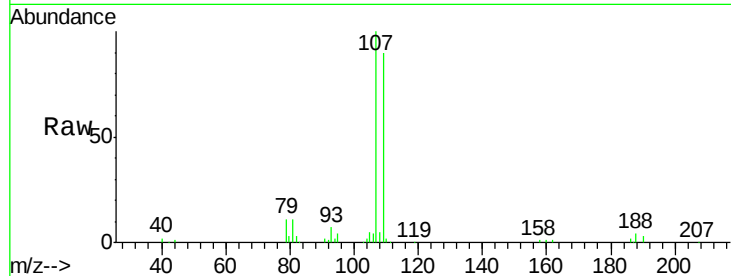
#61
 1,2-Dibromoethane
 Concen: 49.295 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 115978
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.6 112.0

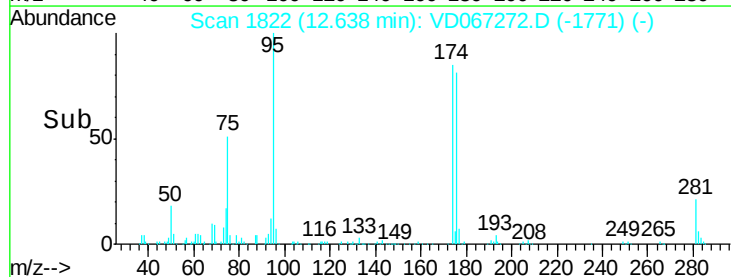
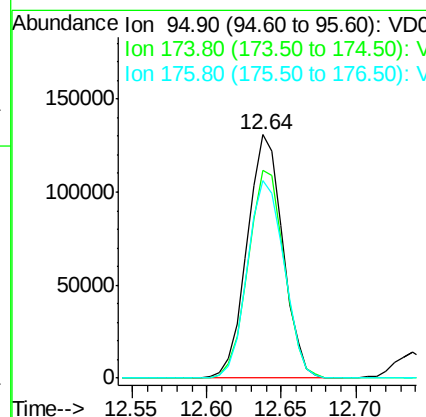
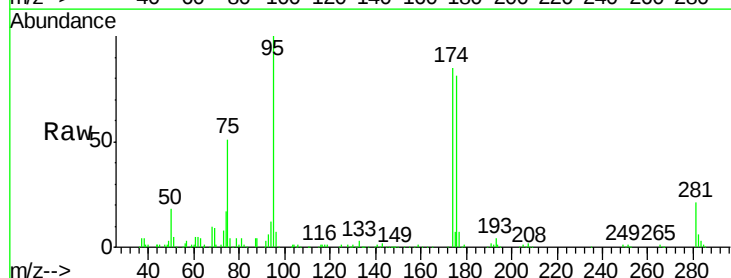
Manual Integrations
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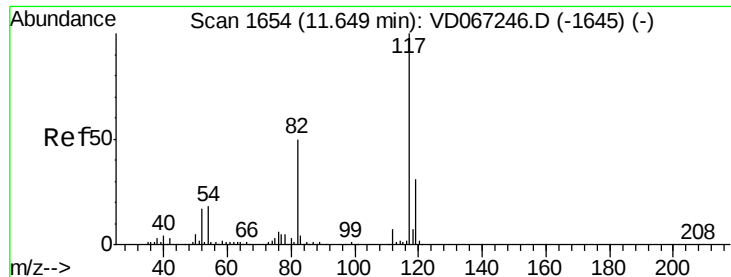
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#62
 4-Bromofluorobenzene
 Concen: 49.434 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion: 95 Resp: 215786
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 175.2
 176 83.8 0.0 168.6





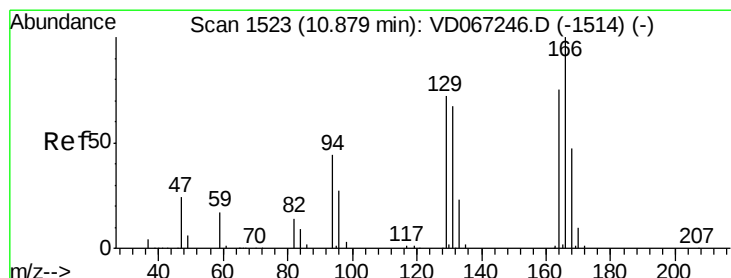
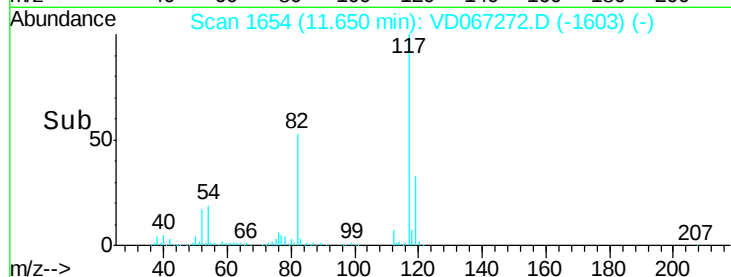
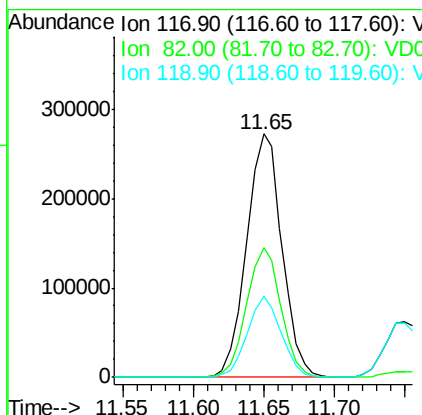
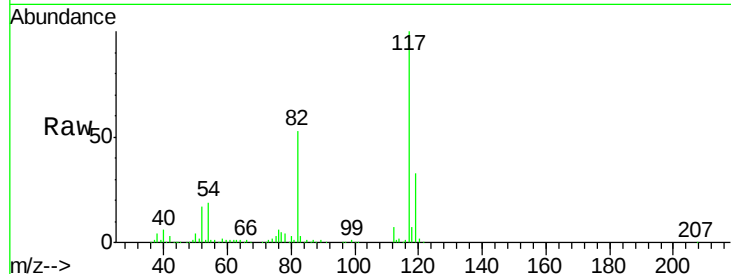
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	478839		
82	53.2		39.9	59.9
119	33.5		24.9	37.3

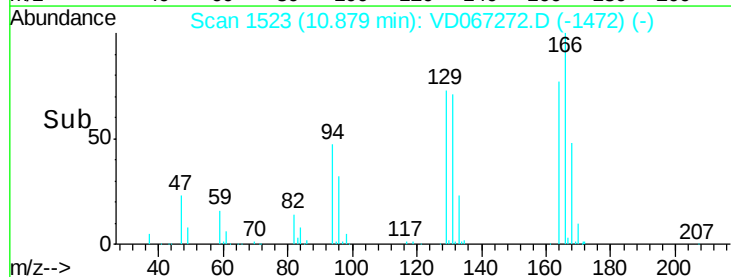
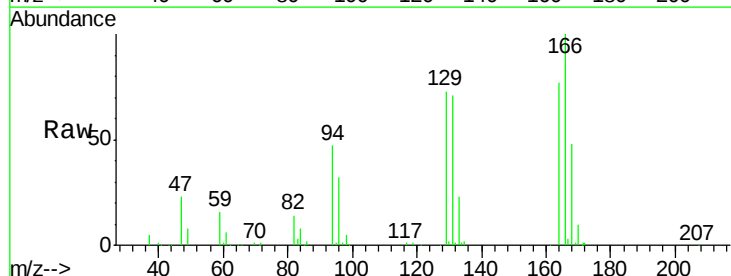
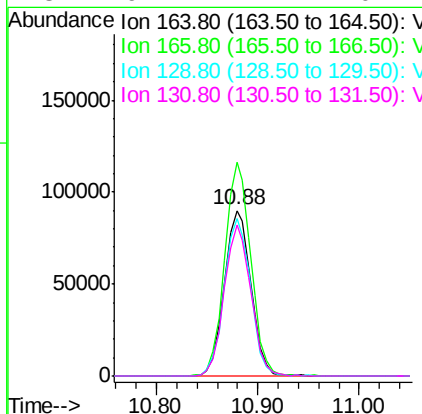
Manual Integrations
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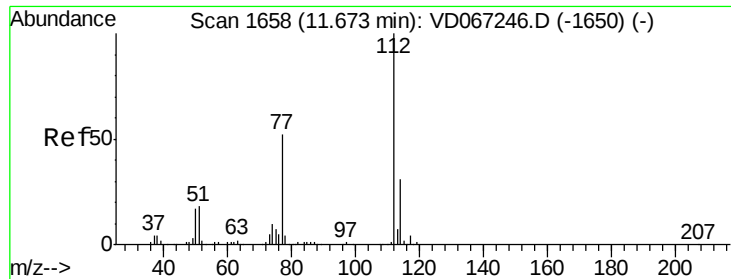
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#64
Tetrachloroethene
Concen: 47.109 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163437		
166	129.1		107.3	160.9
129	94.9		77.3	115.9
131	91.4		71.4	107.2





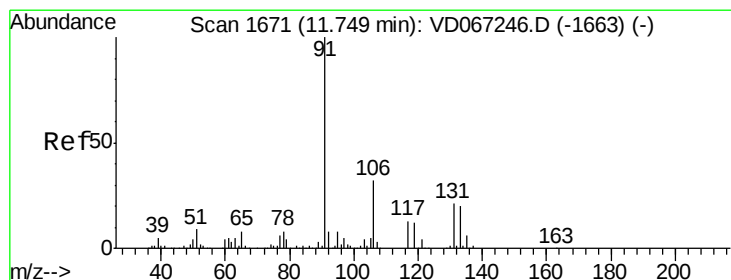
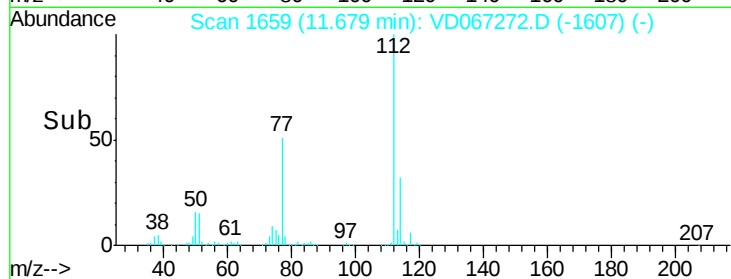
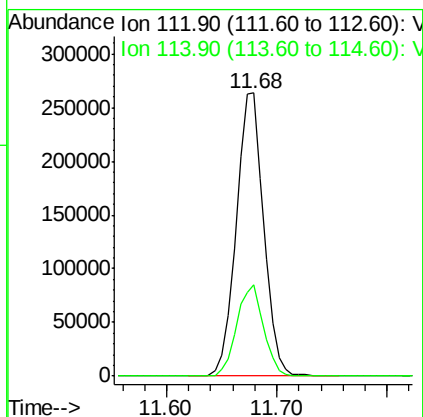
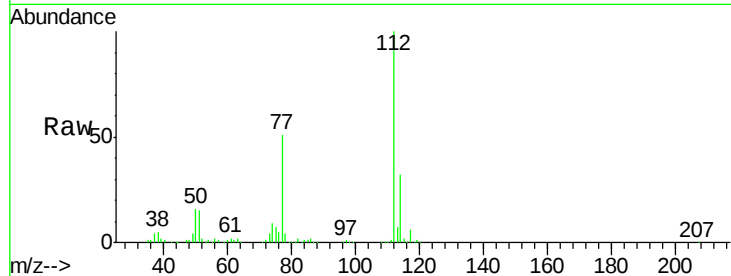
#65
Chlorobenzene
Concen: 50.121 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.4

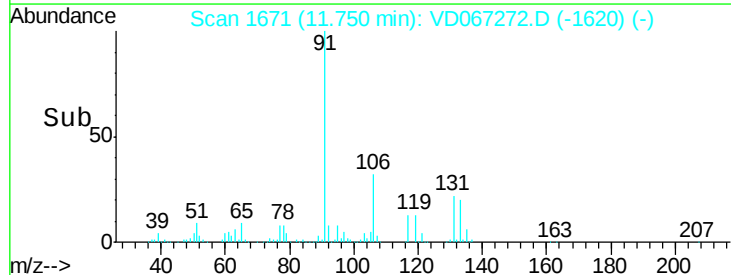
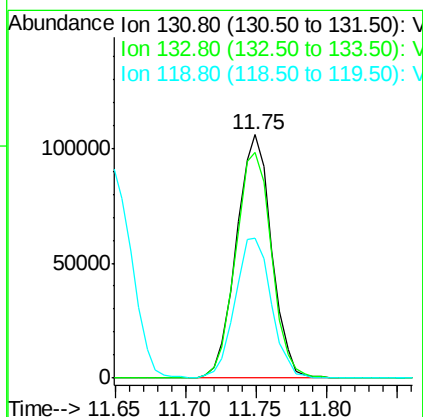
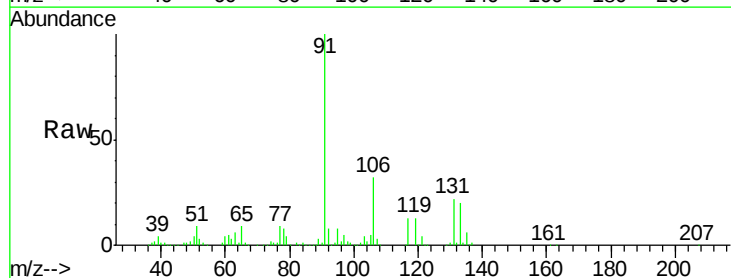
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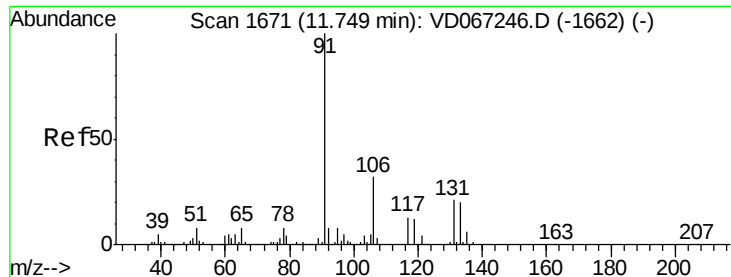
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.497 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.1	144.3
119	59.6	30.0	90.0





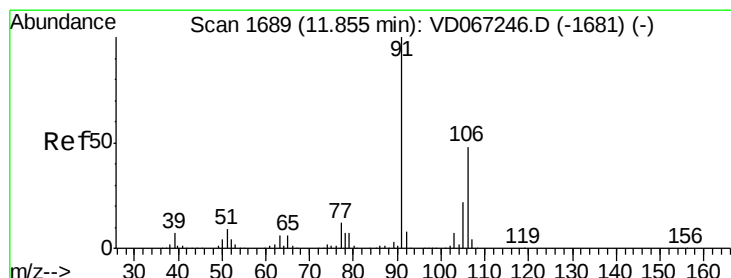
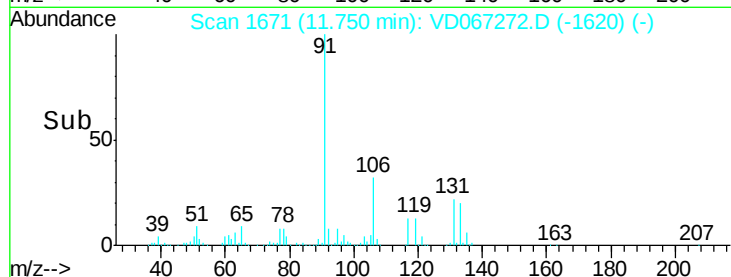
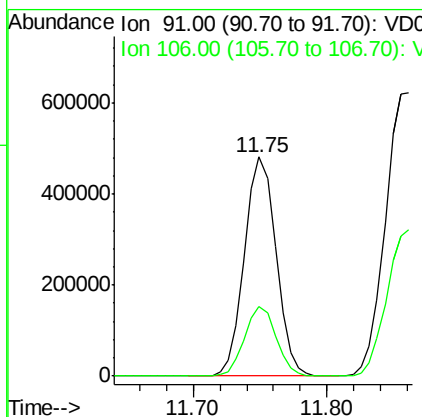
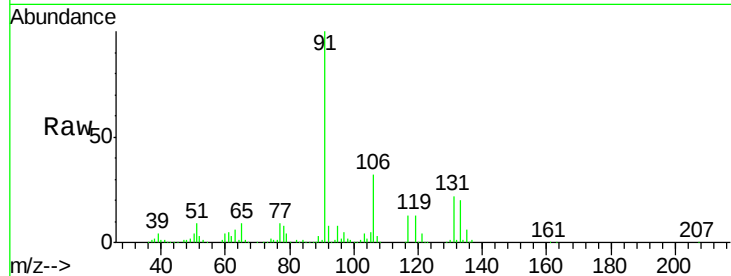
#67
Ethyl Benzene
Concen: 50.018 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 787285
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0

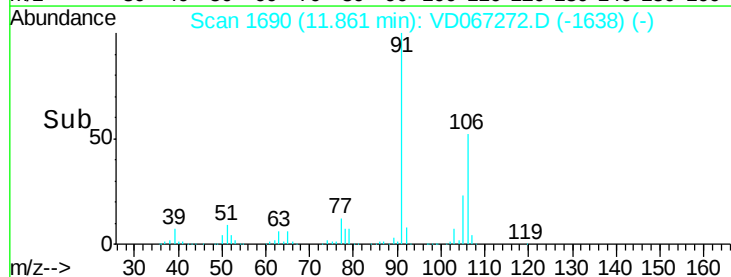
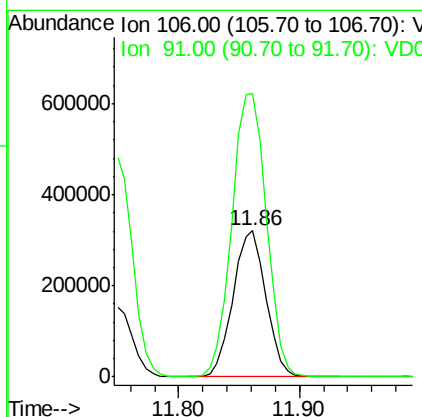
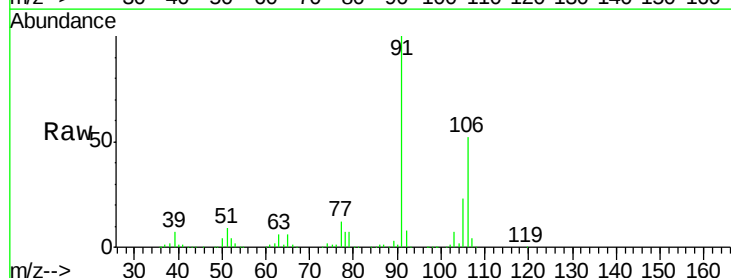
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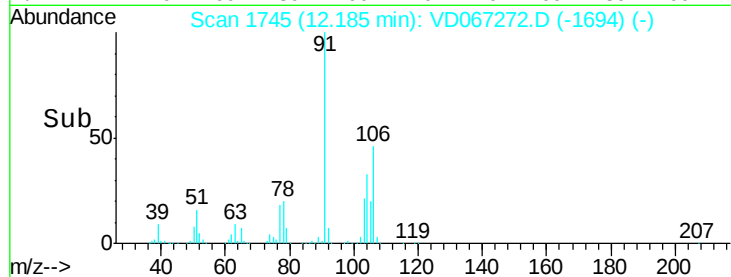
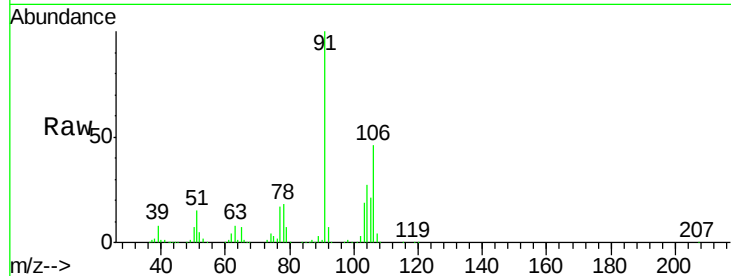
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#68
m/p-Xylenes
Concen: 100.351 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion: 106 Resp: 608255
Ion Ratio Lower Upper
106 100
91 203.8 163.8 245.8





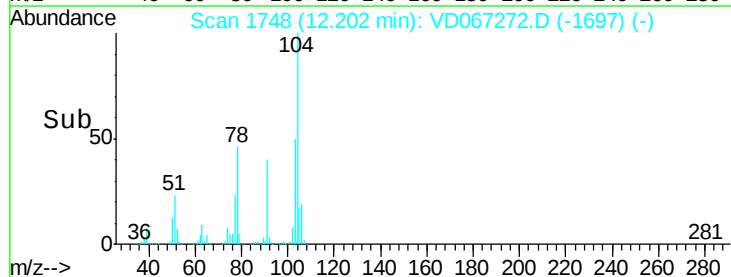
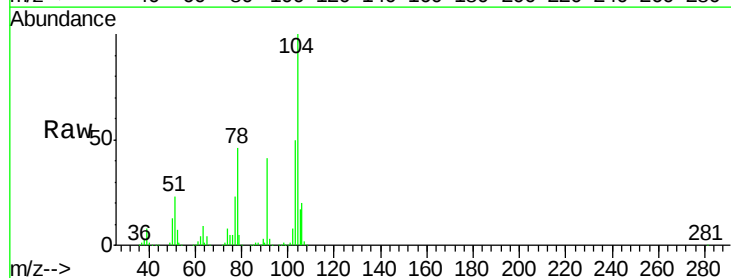
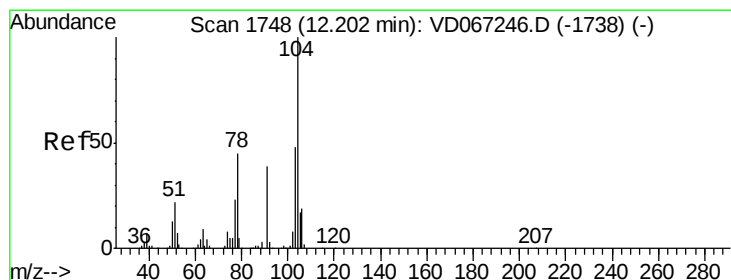
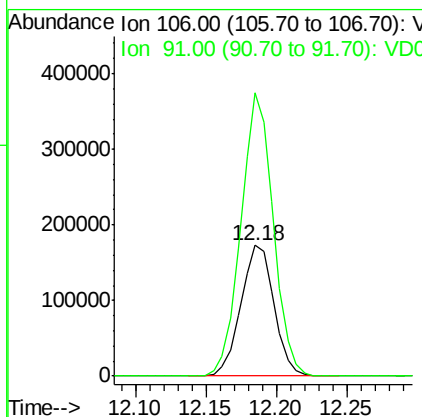
#69
o-Xylene
Concen: 50.551 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tot Ion	Ratio	Resp	Lower	Upper
106	100	283733		
91	211.1	109.1	327.3	

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

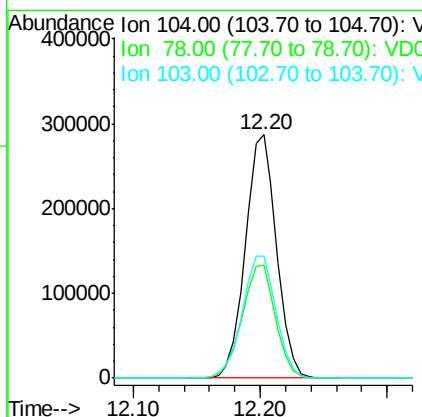
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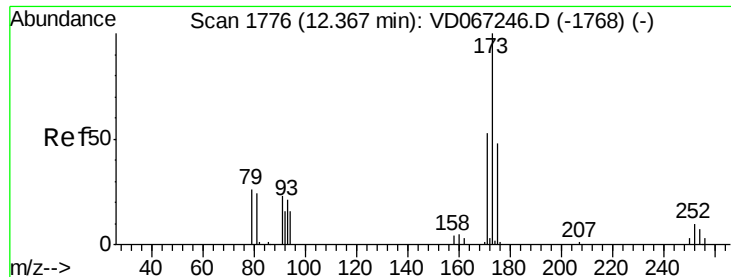
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#70
Styrene
Concen: 50.655 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	489433		
78	49.8	39.8	59.6	
103	54.4	42.6	64.0	





#71

Bromoform

Concen: 50.445 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

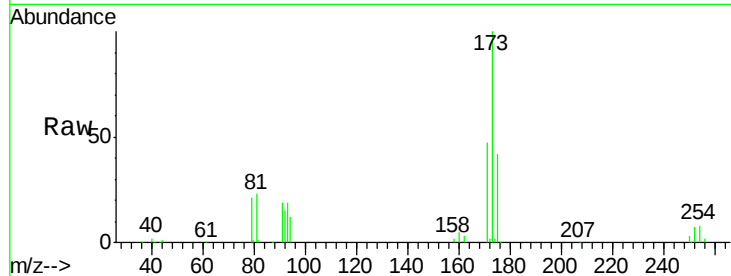
ClientSampleId :

VSTDCCC050EC

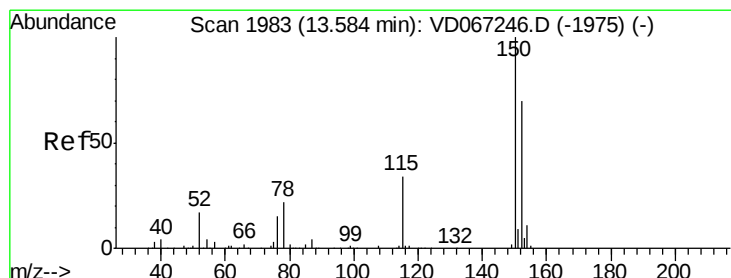
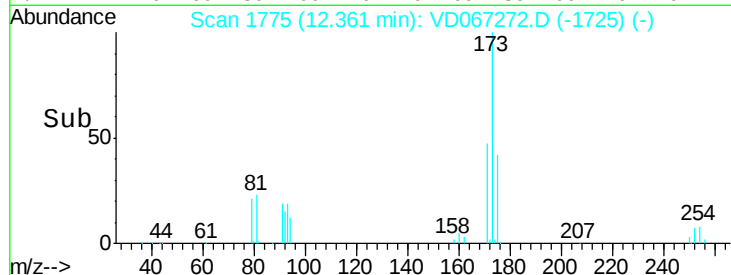
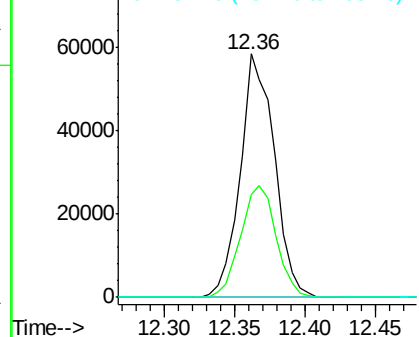
Tot Ion:	173	Resp:	98900
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.2	72.6
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

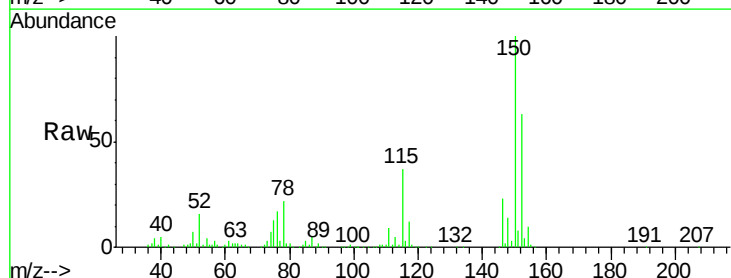
RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

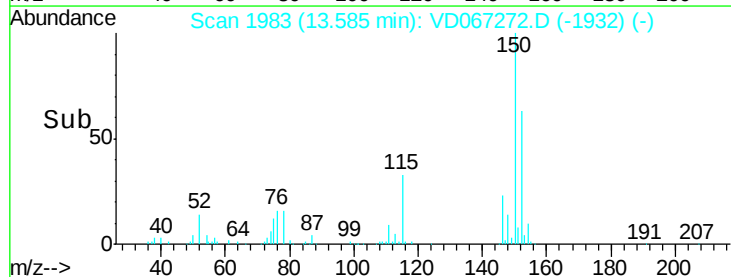
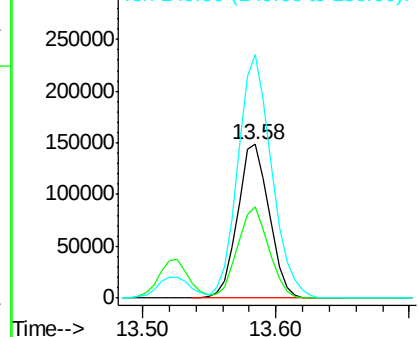
Lab File: VD067272.D

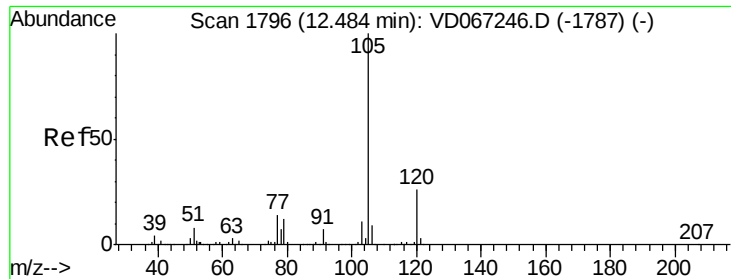
Acq: 14 Oct 2020 17:33

Tgt Ion:	152	Resp:	244068
Ion Ratio	Lower	Upper	
152	100		
115	58.9	29.3	87.9
150	169.1	0.0	339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.849 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 787661

Ion Ratio Lower Upper

105 100

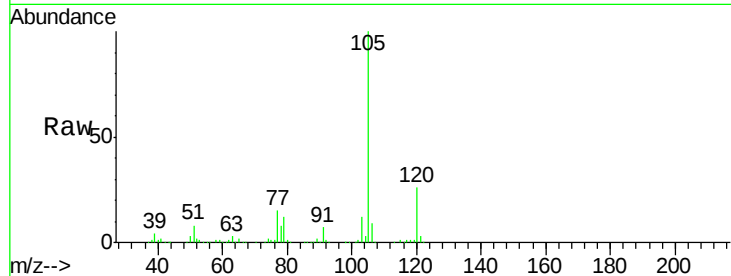
120 26.7 13.3 39.8

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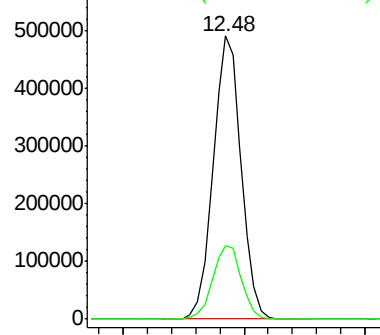
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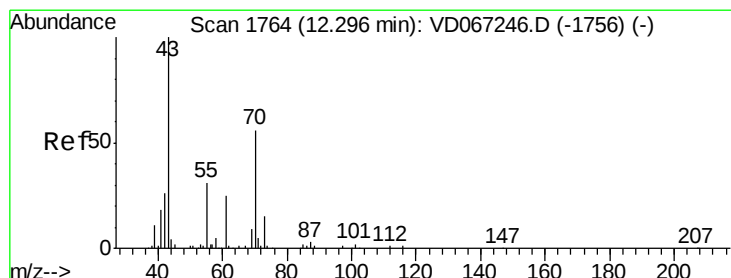
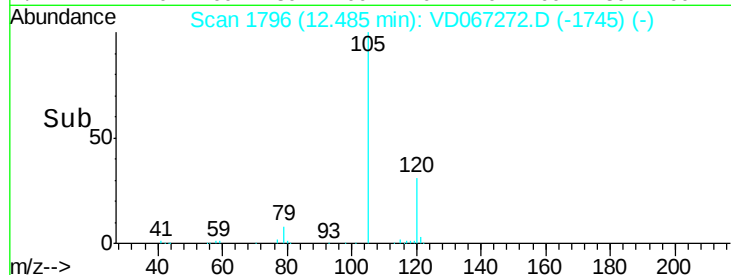


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 50.988 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion: 43 Resp: 119288

Ion Ratio Lower Upper

43 100

70 51.9 42.7 64.1

55 29.7 24.0 36.0

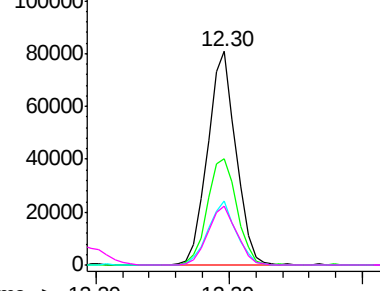
61 28.1 22.2 33.4

Abundance Ion 43.00 (42.70 to 43.70): VDC

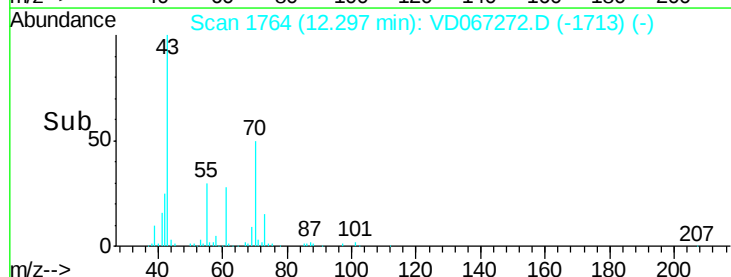
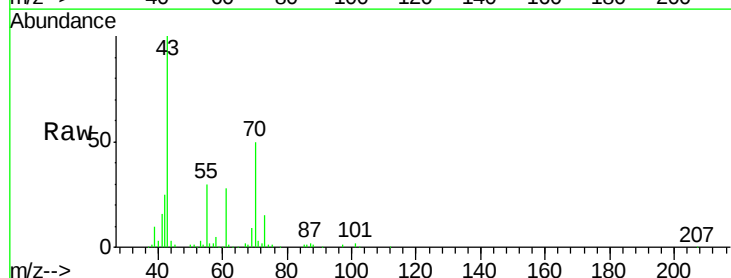
Ion 70.00 (69.70 to 70.70): VDC

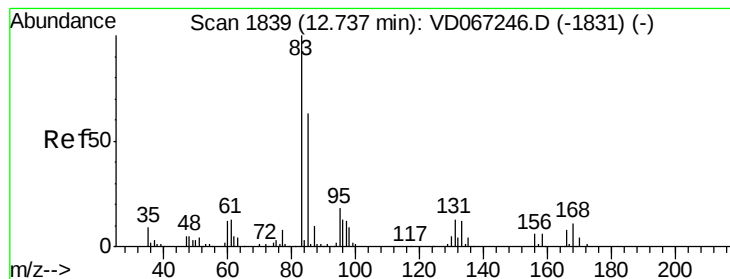
Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.545 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

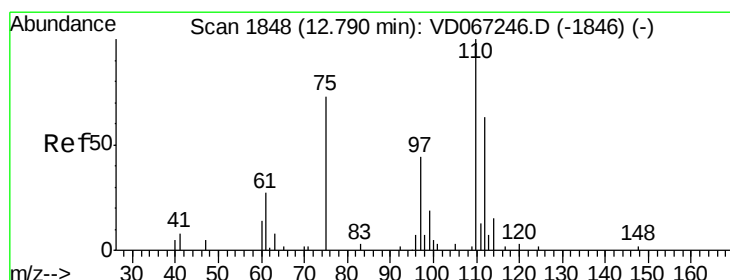
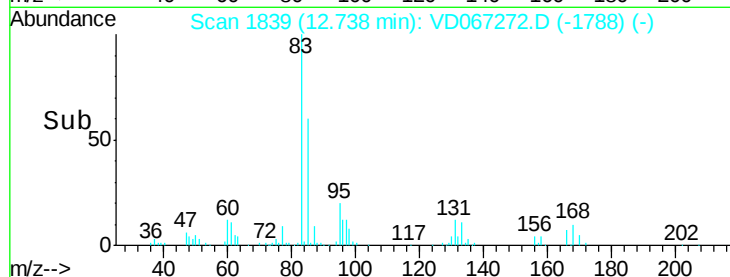
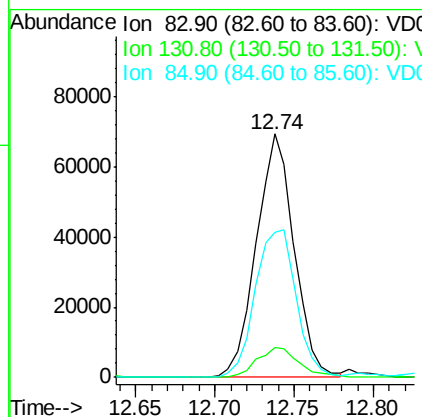
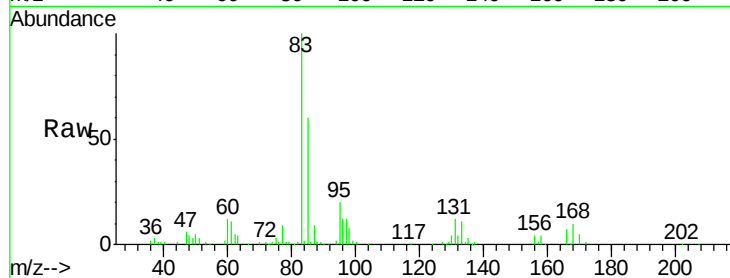
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	115220
Ion Ratio	Lower	Upper	
83	100		
131	13.6	6.5	19.5
85	65.9	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 44.733 ug/l m

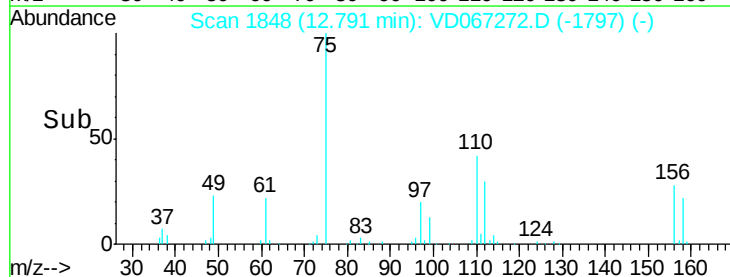
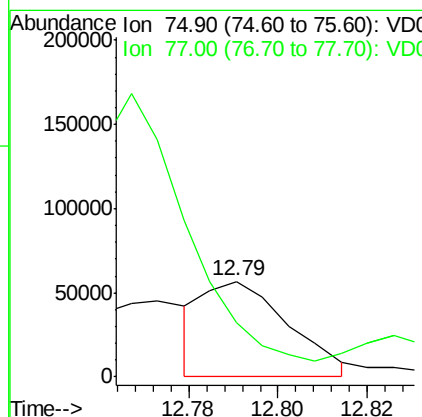
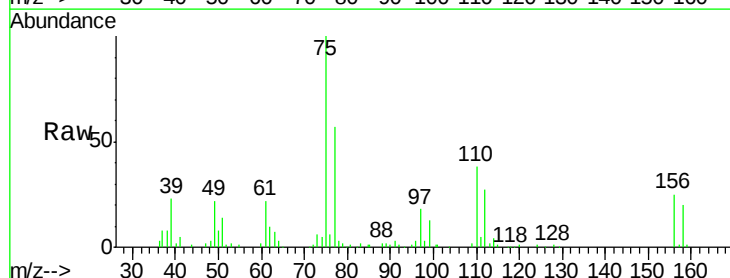
RT: 12.79 min Scan# 1848

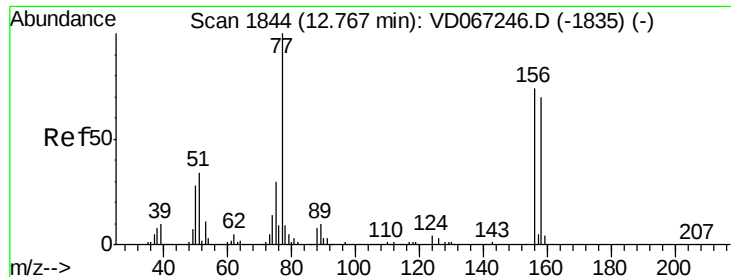
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	75	Resp:	75671
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.088 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

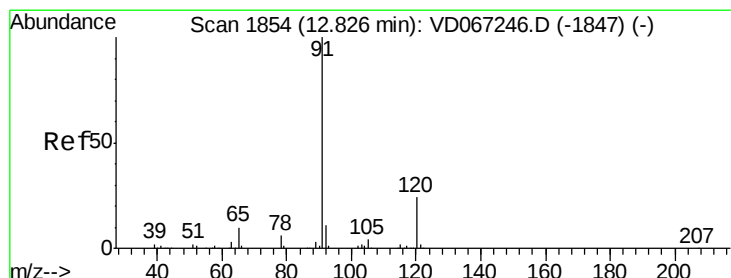
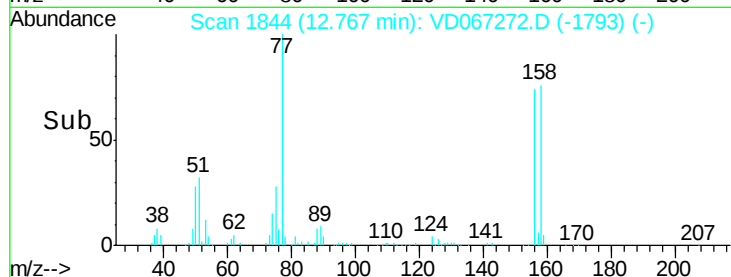
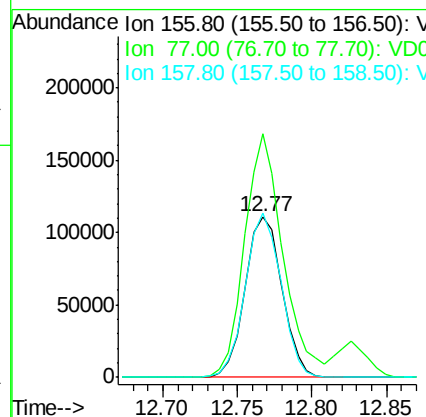
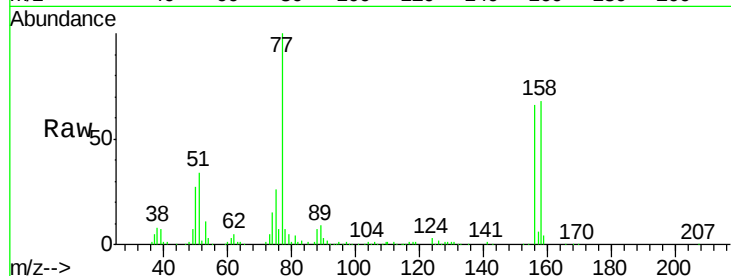
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		189572		
77	157.9	78.0	233.8		
158	99.0	49.1	147.3		

Manual Integrations
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#78

n-propylbenzene

Concen: 50.453 ug/l

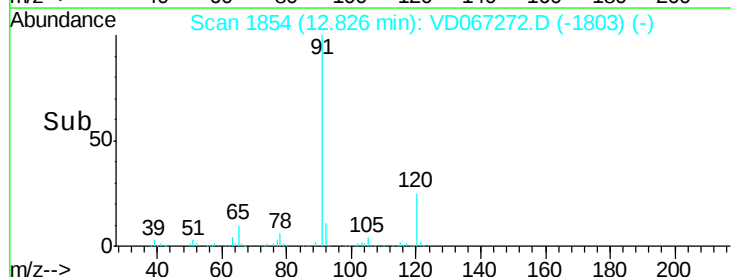
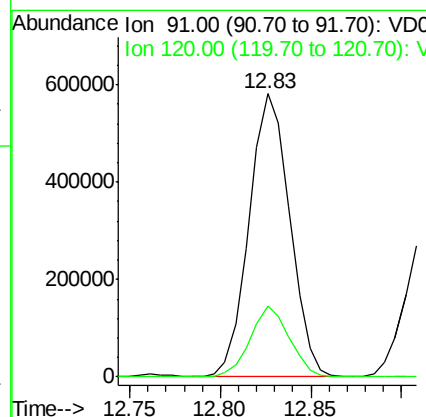
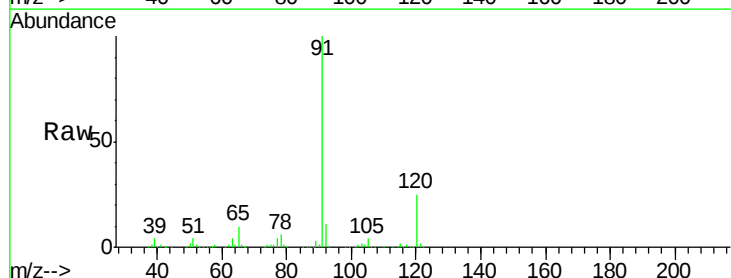
RT: 12.83 min Scan# 1854

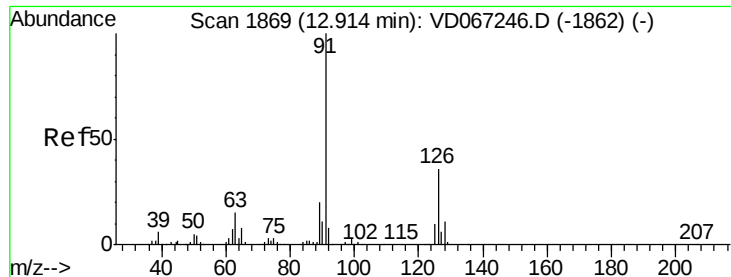
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		905501		
120	24.1	11.9	35.9		





#79

2-Chlorotoluene

Concen: 49.966 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 520050

Ion Ratio Lower Upper

91 100

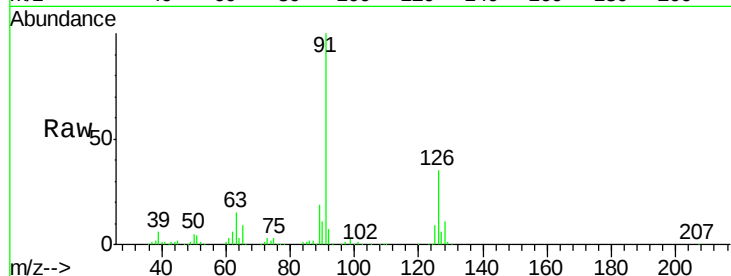
126 35.4 17.6 52.8

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Abundance Ion 91.00 (90.70 to 91.70): VD067246.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD067246.D (-1862) (-)

600000

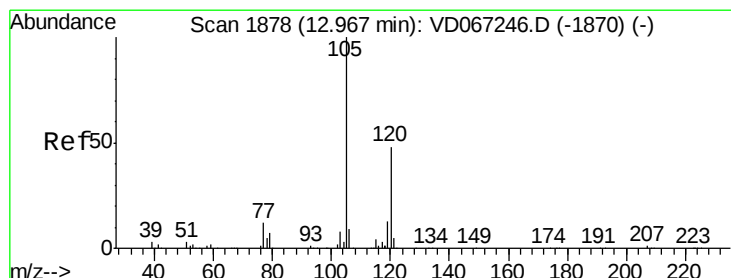
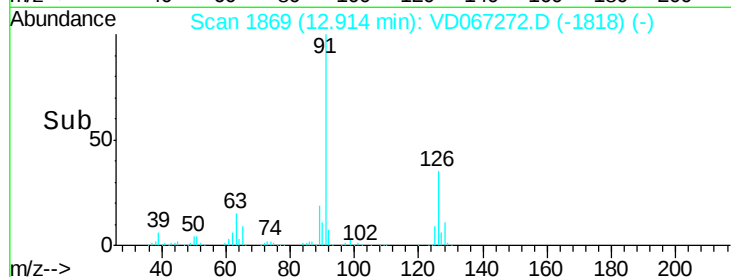
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.162 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067272.D

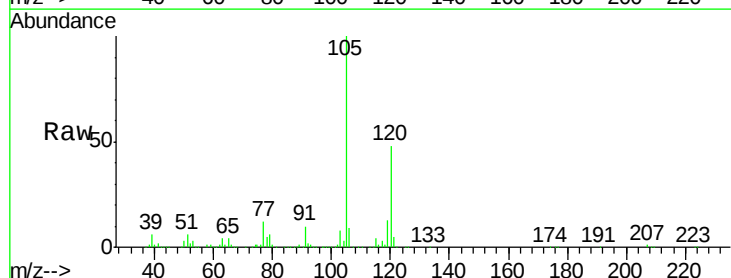
Acq: 14 Oct 2020 17:33

Tgt Ion: 105 Resp: 688687

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067246.D (-1870) (-)

Ion 120.00 (119.70 to 120.70): VD067246.D (-1870) (-)

500000

400000

300000

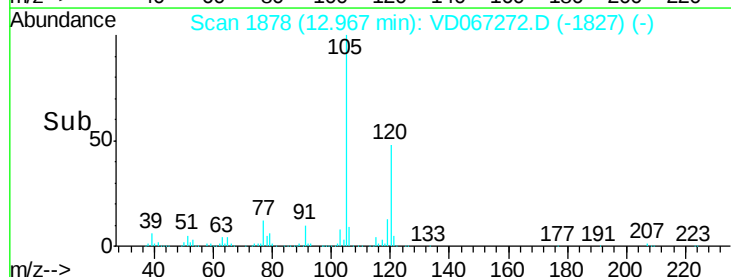
200000

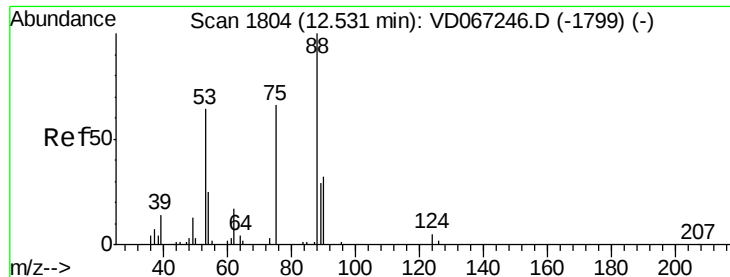
100000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.638 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

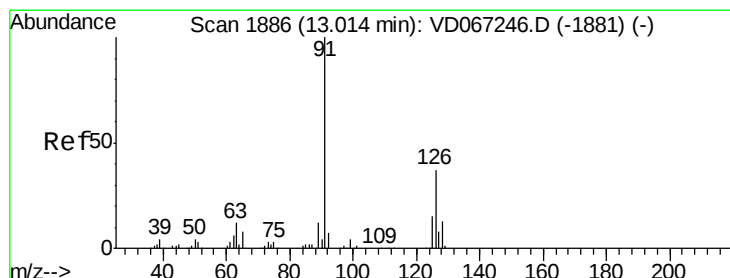
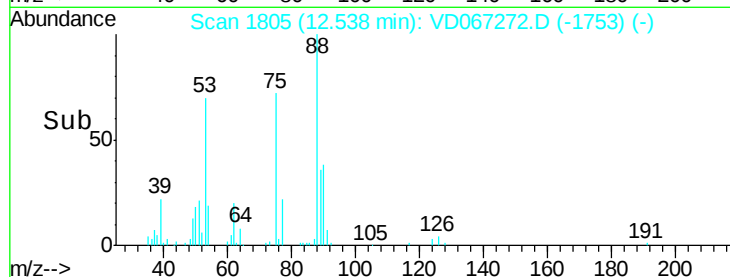
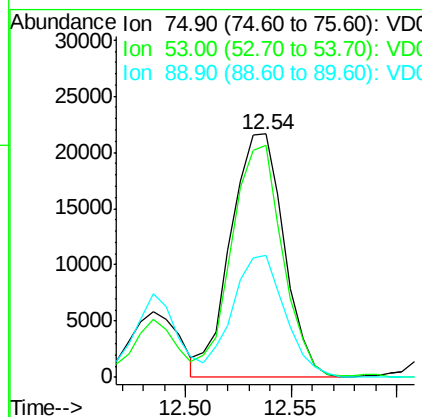
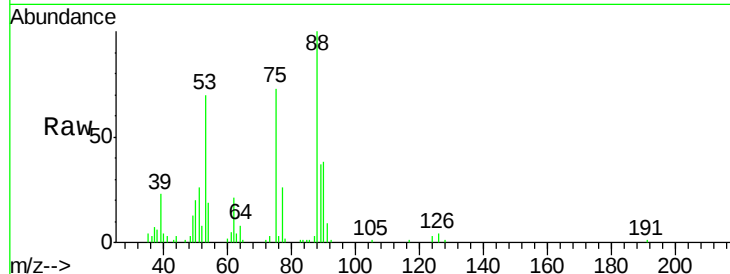
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	37774
Ion	Ratio	Lower	Upper
75	100		
53	90.5	78.5	117.7
89	49.5	39.9	59.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.484 ug/l

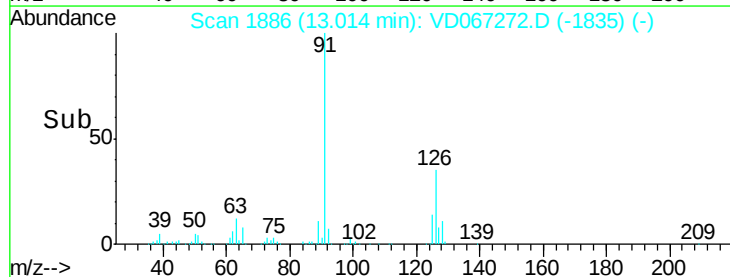
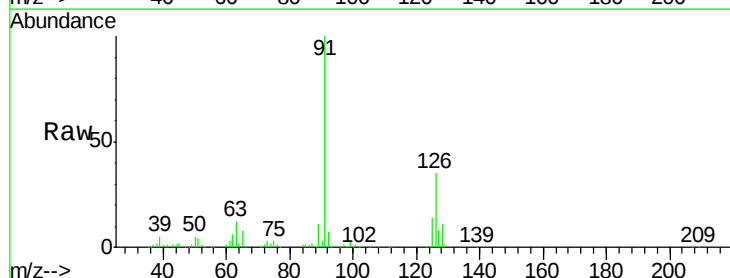
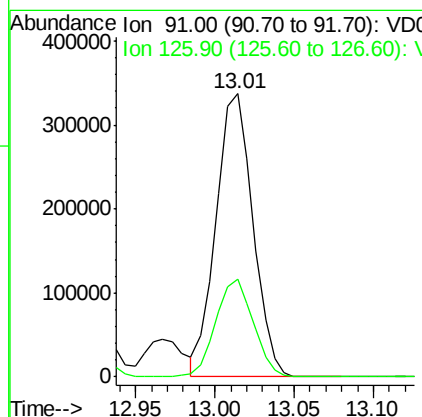
RT: 13.01 min Scan# 1886

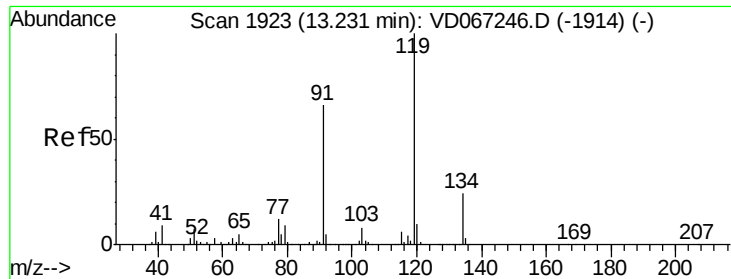
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	91	Resp:	546626
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.5





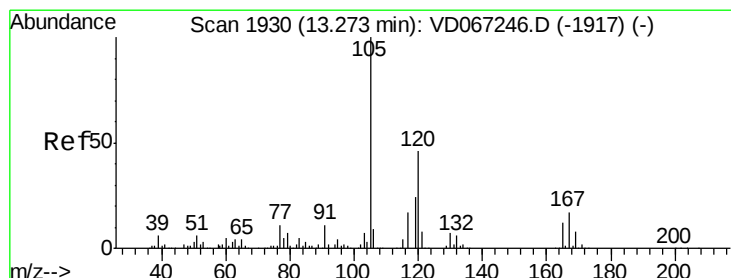
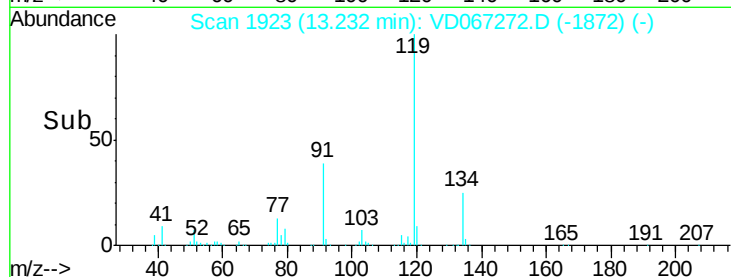
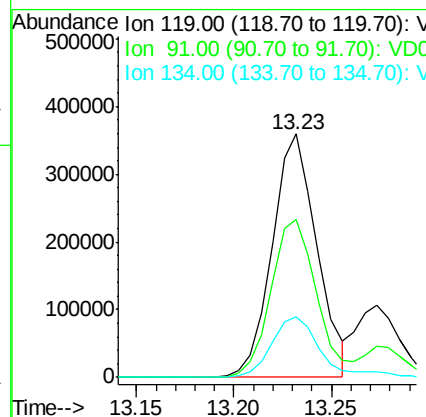
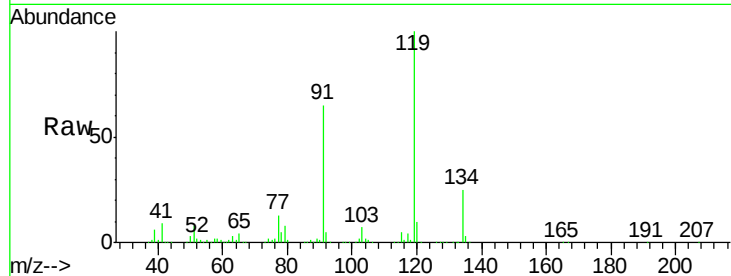
#83
tert-Butylbenzene
Concen: 50.101 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	569673		
91	66.7		33.1	99.2
134	27.2		13.3	39.9

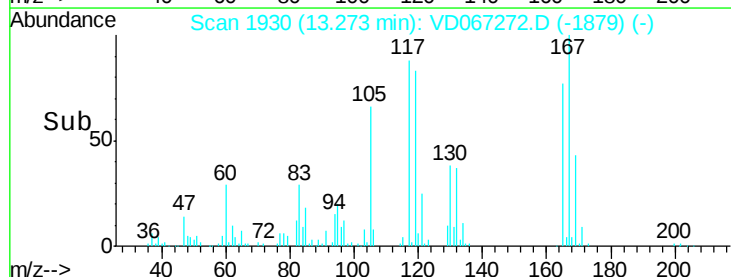
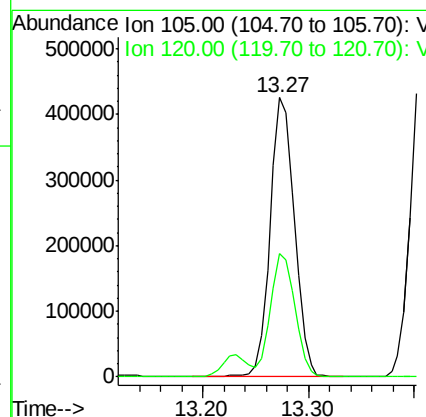
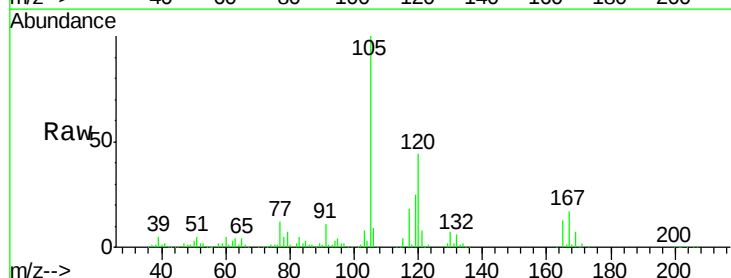
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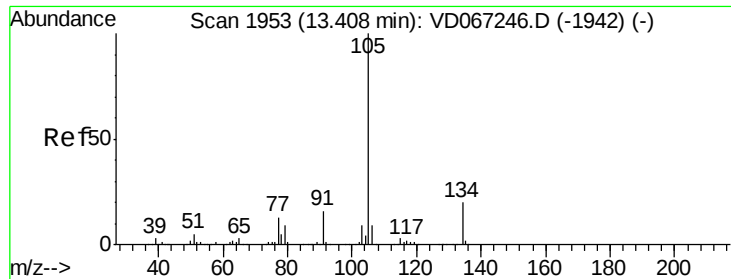
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.179 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	680903		
120	44.2		22.4	67.3





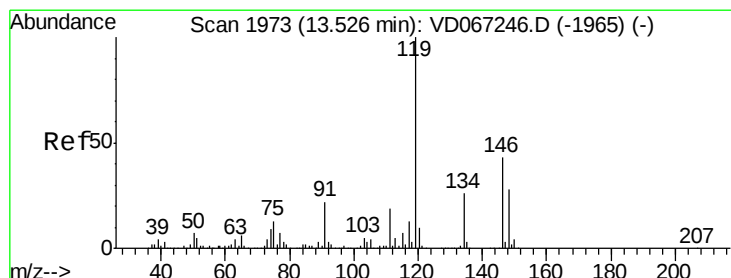
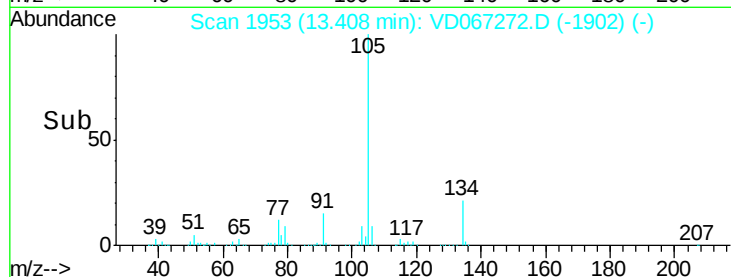
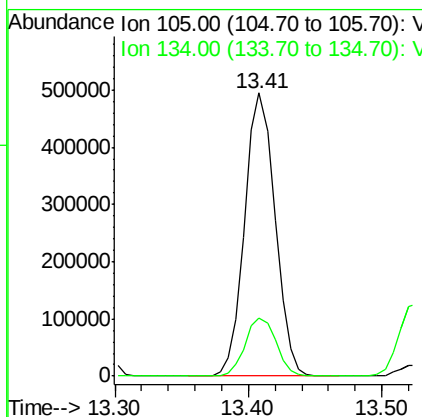
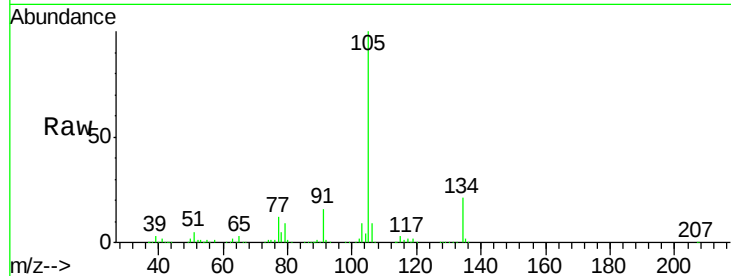
#85
 sec-Butylbenzene
 Concen: 49.881 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

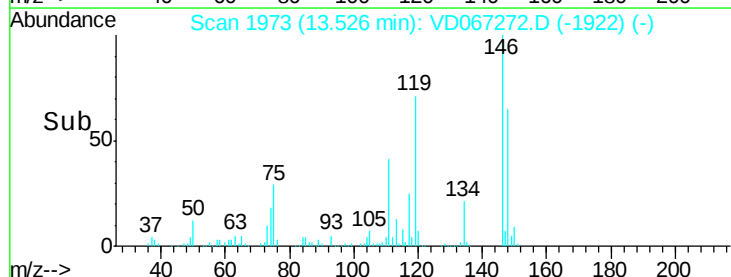
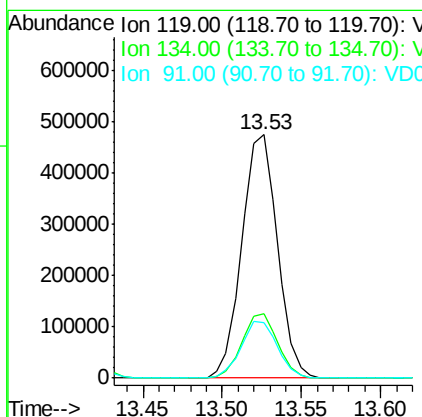
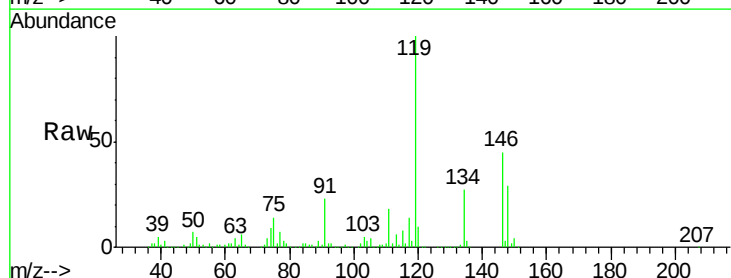
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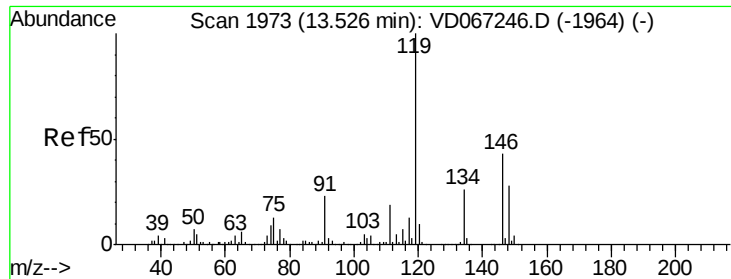
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#86
 p-Isopropyltoluene
 Concen: 50.265 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	23.8	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 48.319 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Instrument :

MSVOA_D

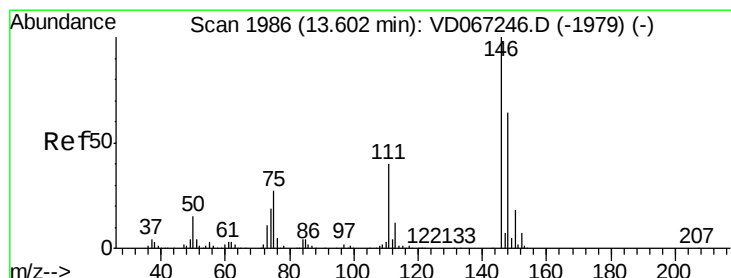
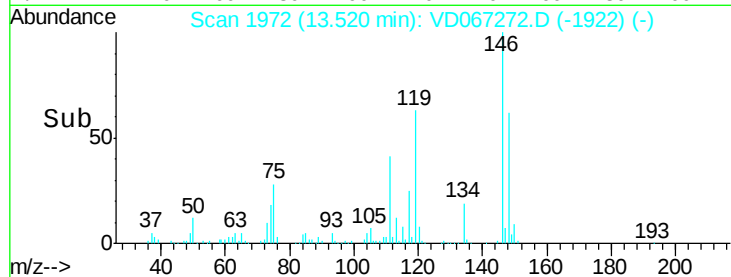
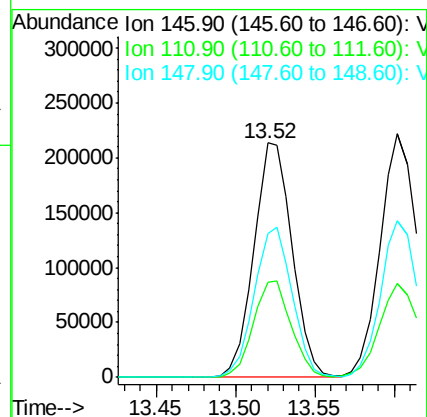
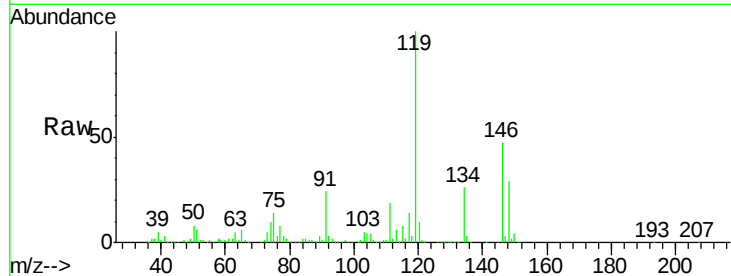
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	359164
Ion Ratio	Lower	Upper	
146	100		
111	40.7	21.1	63.3
148	63.5	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.758 ug/l

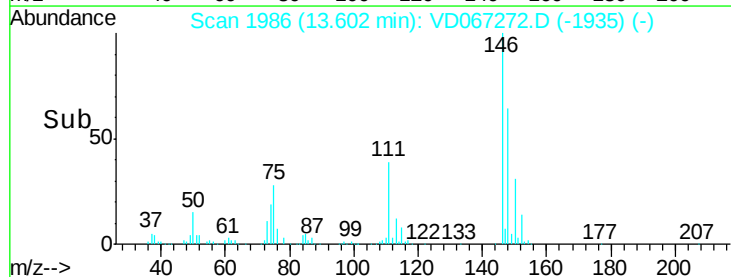
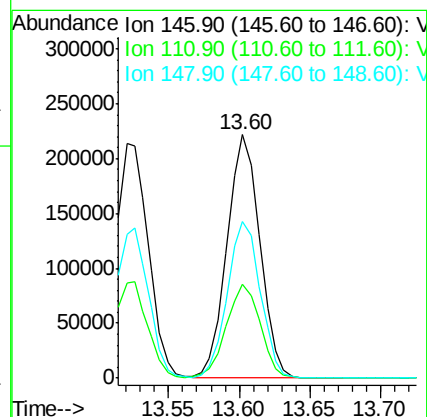
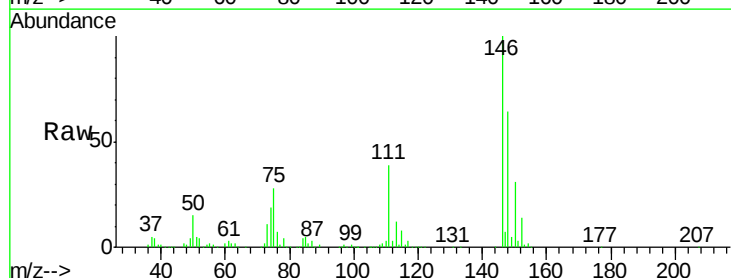
RT: 13.60 min Scan# 1986

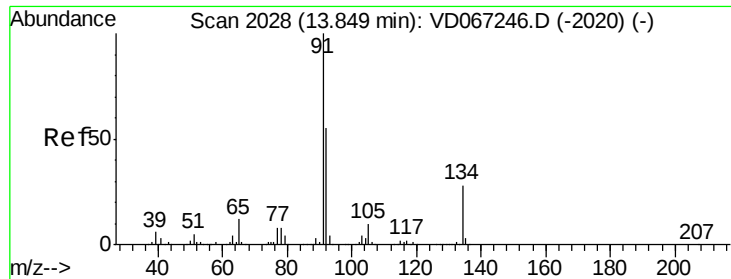
Delta R.T. 0.00 min

Lab File: VD067272.D

Acq: 14 Oct 2020 17:33

Tgt Ion:	146	Resp:	359077
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.9	59.7
148	64.6	31.9	95.9





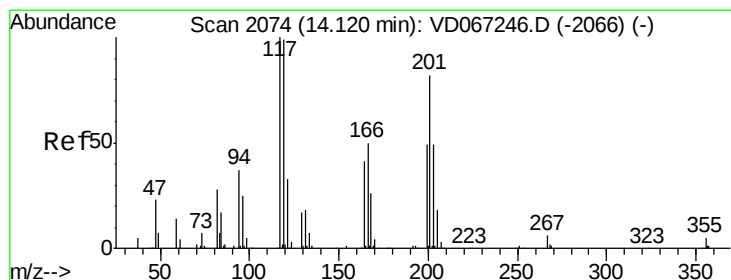
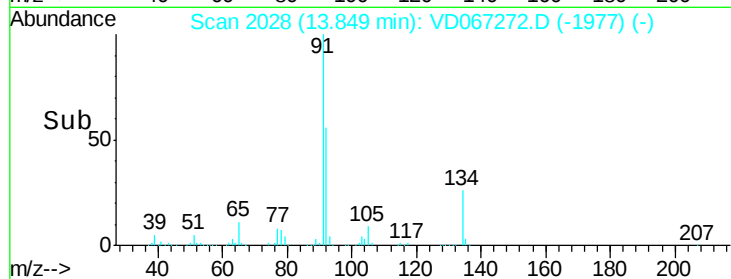
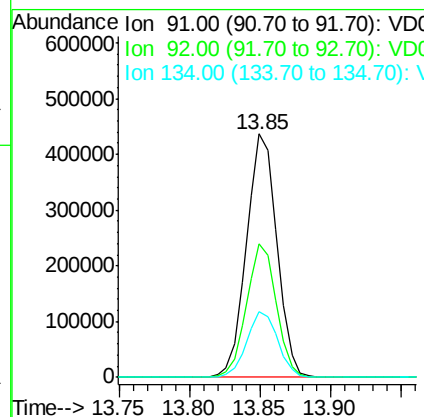
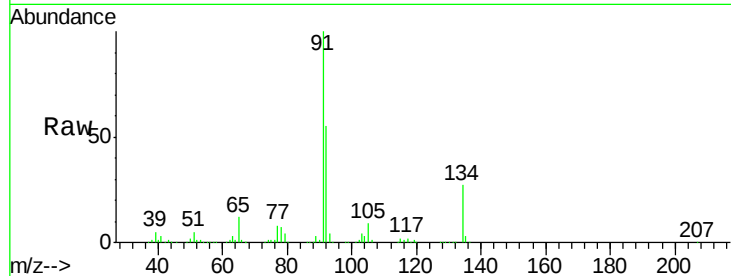
#89
n-Butylbenzene
Concen: 50.958 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	660184		
92	53.6	26.7	80.0	
134	27.5	14.2	42.6	

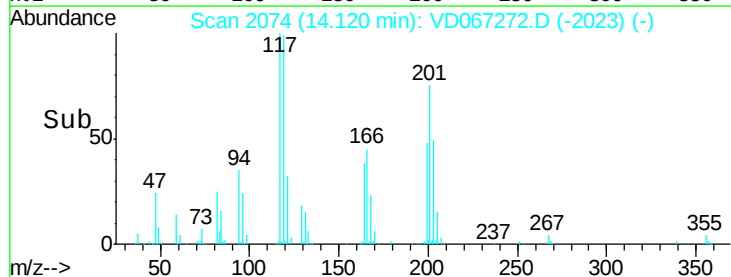
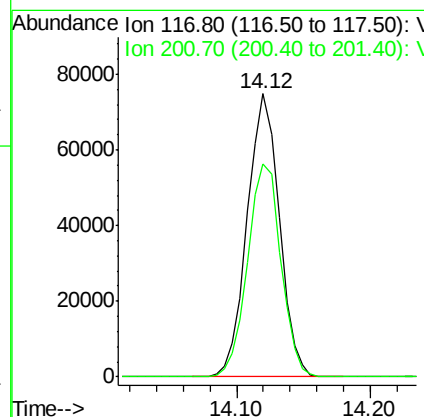
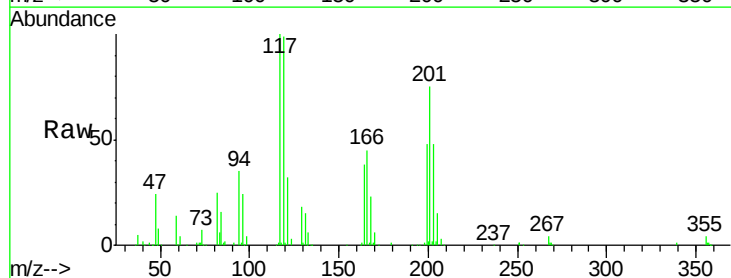
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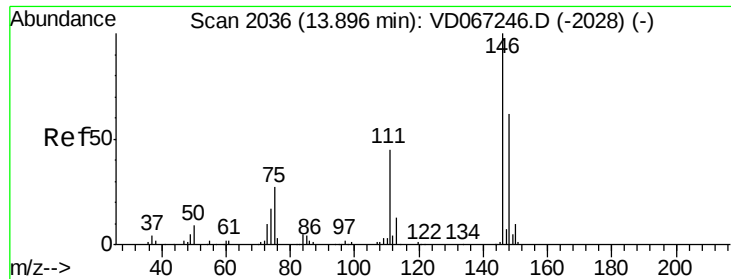
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#90
Hexachloroethane
Concen: 48.435 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124470		
201	77.6	40.8	122.2	





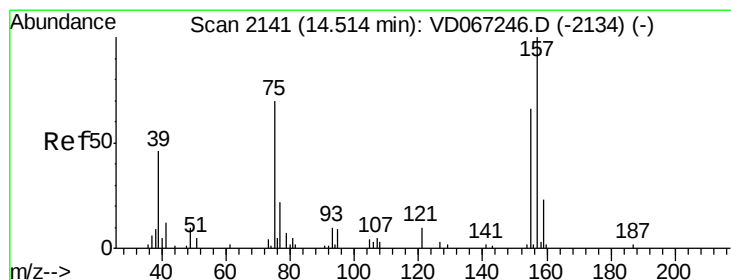
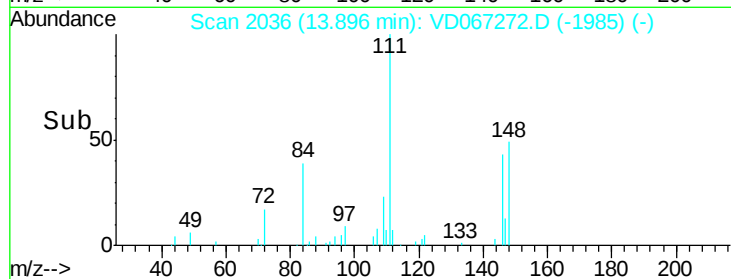
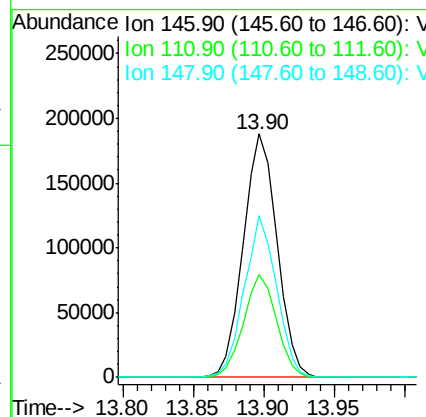
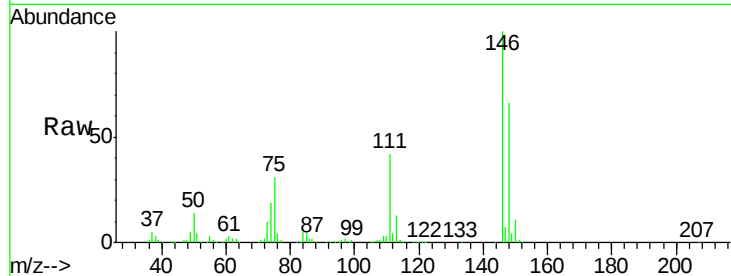
#91
 1,2-Dichlorobenzene
 Concen: 48.543 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	22.0	66.0
148	63.4	32.5	97.5

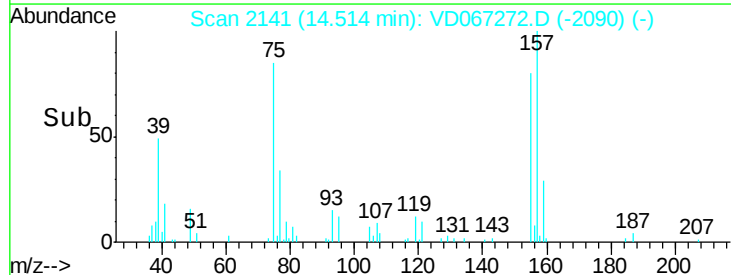
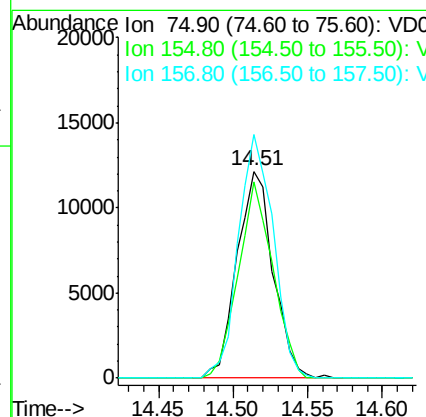
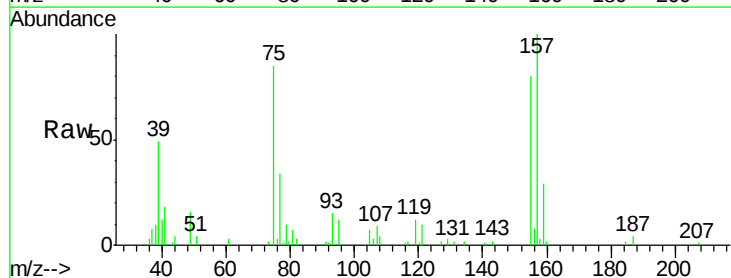
Manual Integrations
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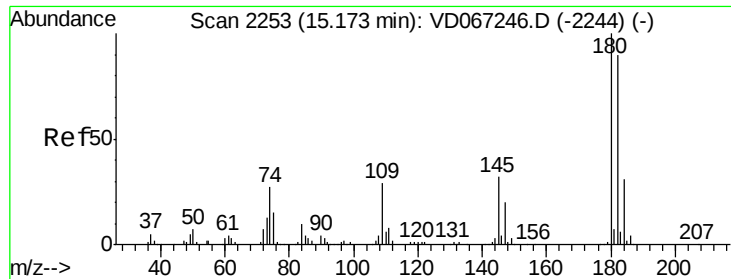
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 10/15/2020 12:18:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.550 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	44.8	134.4
157	113.9	62.5	187.4





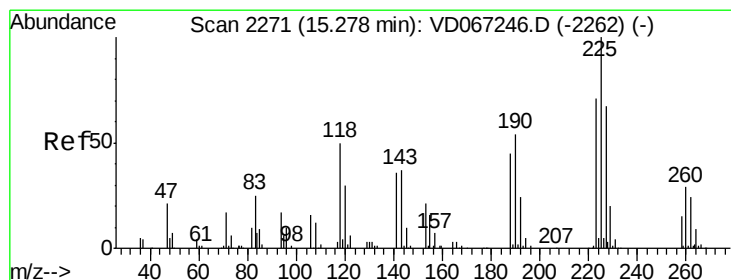
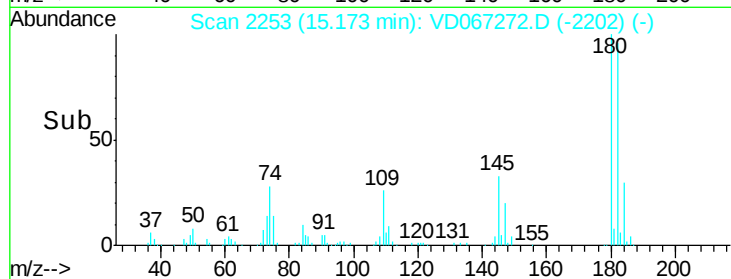
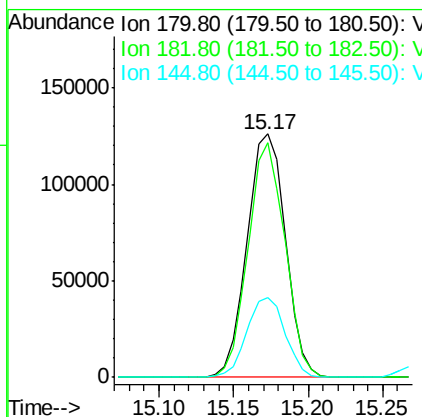
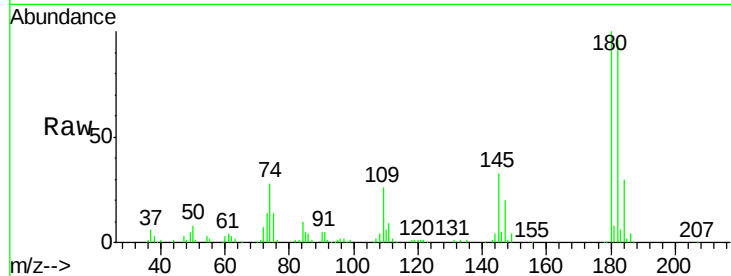
#93
 1,2,4-Trichlorobenzene
 Concen: 51.222 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.1	144.4
145	32.9	16.3	48.9

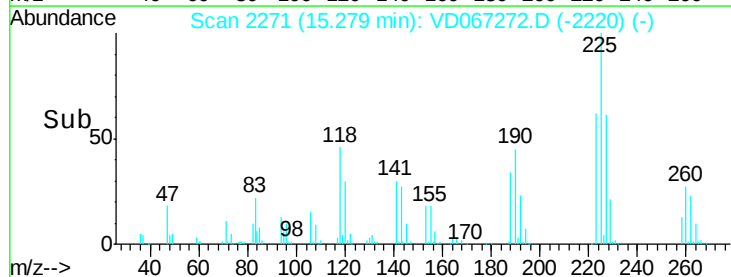
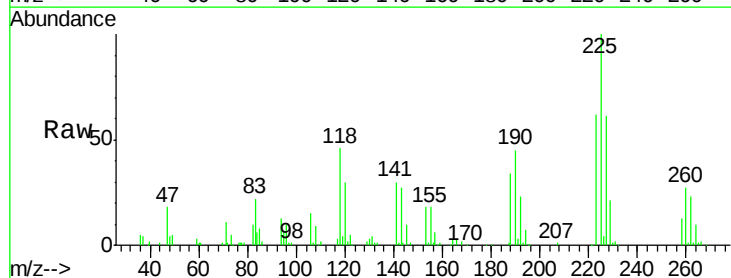
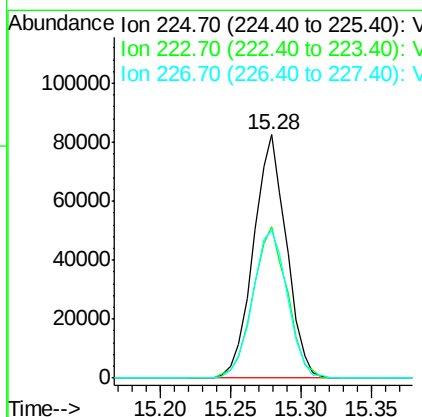
Manual Integrations
 APPROVED

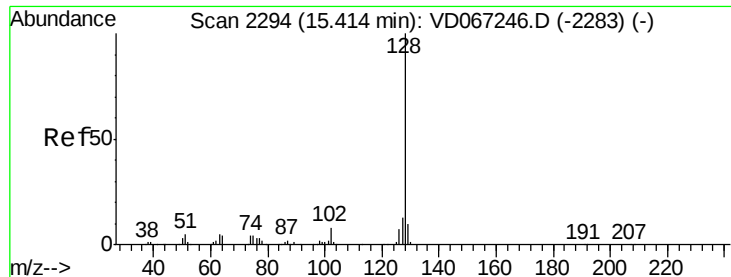
MMDadoda
 10/15/2020 12:18:51 PM



#94
 Hexachlorobutadiene
 Concen: 49.815 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067272.D
 Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.9	95.7
227	64.4	31.2	93.6





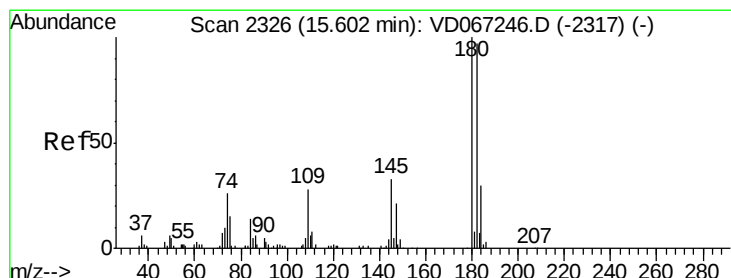
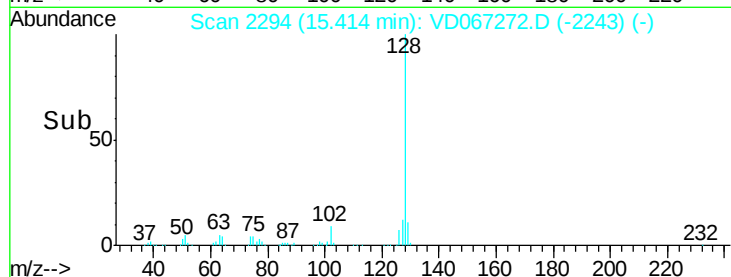
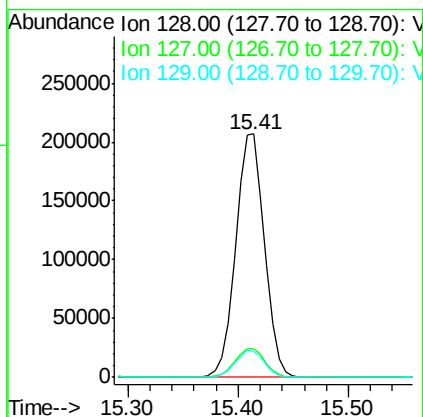
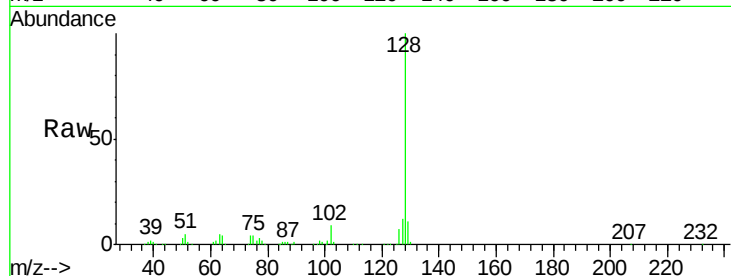
#95
Naphthalene
Concen: 52.486 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/15/2020 12:18:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.582 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD067272.D
Acq: 14 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.1	144.3
145	34.5	17.3	51.9

