

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065668.D
 Acq On : 22 Apr 2020 16:28
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:31:47 PM

Quant Time: Apr 23 03:51:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	237475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	309327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	280034	139.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.10%	
35) Dibromofluoromethane	7.92	113	287984	142.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.60%	
50) Toluene-d8	10.34	98	1086473	145.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.18%	
62) 4-Bromofluorobenzene	12.64	95	365126	148.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	281607	147.214	ug/l	100
3) Chloromethane	2.21	50	286932	137.025	ug/l	96
4) Vinyl Chloride	2.35	62	321518	140.869	ug/l	99
5) Bromomethane	2.74	94	195993	155.737	ug/l	97
6) Chloroethane	2.91	64	194382	142.746	ug/l	97
7) Trichlorofluoromethane	3.27	101	464347	142.144	ug/l	97
8) Diethyl Ether	3.71	74	144950	218.099	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	307072	205.479	ug/l	98
10) Methyl Iodide	4.29	142	374712	185.758	ug/l	93
11) Tert butyl alcohol	5.24	59	86310	781.179	ug/l	98
12) 1,1-Dichloroethene	4.06	96	295385	219.814	ug/l	97
13) Acrolein	3.92	56	122743	1416.134	ug/l	99
14) Allyl chloride	4.71	41	499401	200.015	ug/l	92
15) Acrylonitrile	5.43	53	358894	845.616	ug/l	99
16) Acetone	4.16	43	269156	945.583	ug/l	96
17) Carbon Disulfide	4.40	76	992375	189.812	ug/l	100
18) Methyl Acetate	4.72	43	176823	189.404	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	682565	173.413	ug/l	96
20) Methylene Chloride	4.96	84	326221	145.570	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	345626	152.268	ug/l	97
22) Diisopropyl ether	6.37	45	980950	161.343	ug/l	99
23) Vinyl Acetate	6.31	43	2895761	893.735	ug/l	100
24) 1,1-Dichloroethane	6.27	63	573300	147.934	ug/l	100
25) 2-Butanone	7.22	43	431734	831.805	ug/l	99
26) 2,2-Dichloropropane	7.21	77	484917	143.693	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	372211	157.541	ug/l	97
28) Bromochloromethane	7.55	49	218676	138.216	ug/l	100
29) Tetrahydrofuran	7.57	42	293631	892.260	ug/l	99
30) Chloroform	7.71	83	577721	146.342	ug/l	98
31) Cyclohexane	7.98	56	552893	149.749	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	523914	146.894	ug/l	98
36) 1,1-Dichloropropene	8.11	75	467692	152.724	ug/l	99
37) Ethyl Acetate	7.30	43	207013	171.880	ug/l	98
38) Carbon Tetrachloride	8.10	117	487108	149.110	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	597475	168.987	ug/l	97
40) Benzene	8.36	78	1338246	152.665	ug/l	97
41) Methacrylonitrile	7.53	41	121671	191.591	ug/l	97
42) 1,2-Dichloroethane	8.43	62	370387	154.801	ug/l	100
43) Isopropyl Acetate	8.46	43	379045	173.992	ug/l	99
44) Trichloroethene	9.11	130	375122	152.743	ug/l	99
45) 1,2-Dichloropropane	9.39	63	326434	152.338	ug/l	98
46) Dibromomethane	9.48	93	175579	158.375	ug/l	100
47) Bromodichloromethane	9.67	83	452405	153.663	ug/l	97
48) Methyl methacrylate	9.46	41	186536	179.160	ug/l	99
49) 1,4-Dioxane	9.47	88	44439	3633.579	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	989560	896.743	ug/l	99
52) Toluene	10.41	92	864326	159.760	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	450821	168.718	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	532031	162.799	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	247264	159.384	ug/l	99
56) Ethyl methacrylate	10.67	69	319358	191.833	ug/l	95
57) 1,3-Dichloropropane	10.95	76	425909	161.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	746830	848.559	ug/l	100
59) 2-Hexanone	10.99	43	674689	901.128	ug/l	97
60) Dibromochloromethane	11.14	129	323082	156.762	ug/l	99
61) 1,2-Dibromoethane	11.25	107	237290	158.108	ug/l	99
64) Tetrachloroethene	10.88	164	322075	150.479	ug/l	95
65) Chlorobenzene	11.68	112	904554	152.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	342376	150.828	ug/l	99
67) Ethyl Benzene	11.75	91	1641155	161.694	ug/l	100
68) m/p-Xylenes	11.86	106	1257116	320.189	ug/l	100
69) o-Xylene	12.18	106	573507	167.681	ug/l	100
70) Styrene	12.20	104	1012536	167.068	ug/l	100
71) Bromoform	12.37	173	199117	156.619	ug/l #	98
73) Isopropylbenzene	12.48	105	1543114	168.494	ug/l	100
74) N-amyl acetate	12.30	43	352389	182.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	259004	156.228	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	179940m	151.864	ug/l	
77) Bromobenzene	12.77	156	385931	159.216	ug/l	98
78) n-propylbenzene	12.83	91	1799595	162.390	ug/l	100
79) 2-Chlorotoluene	12.91	91	1002157	158.962	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1268419	163.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	95734	172.547	ug/l	95
82) 4-Chlorotoluene	13.01	91	1049856	154.674	ug/l	99
83) tert-Butylbenzene	13.23	119	1081926	166.963	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	1268812	164.662	ug/l	100
85) sec-Butylbenzene	13.41	105	1501213	161.770	ug/l	100
86) p-Isopropyltoluene	13.53	119	1411668	161.925	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	715619	150.076	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	706632	149.107	ug/l	99
89) n-Butylbenzene	13.86	91	1291208	163.428	ug/l	100
90) Hexachloroethane	14.12	117	268992	146.703	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	623840	152.997	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	41313	164.289	ug/l	86

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Quant Title : SW846 8260
QLast Update : Thu Apr 23 03:30:58 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	458439	163.980	ug/l	100
94) Hexachlorobutadiene	15.28	225	288391	149.715	ug/l	99
95) Naphthalene	15.41	128	788178	192.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	402783	163.862	ug/l	99

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

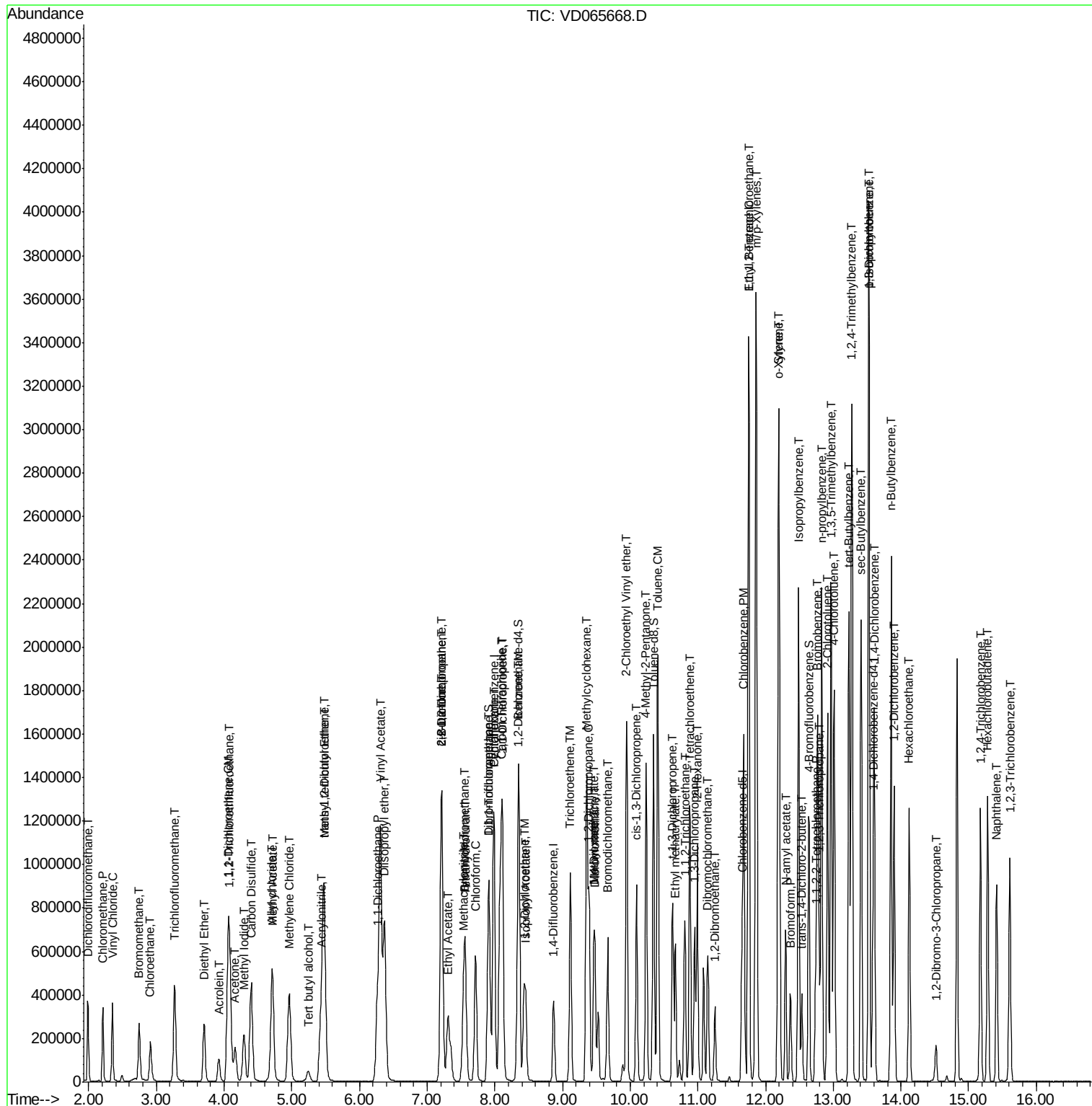
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042220\
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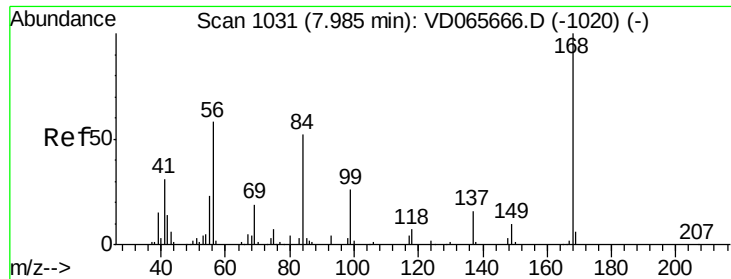
Instrument :
MSVOA_D
Client Sampled :
VSTDIC150

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 237475

Ion Ratio Lower Upper

168 100

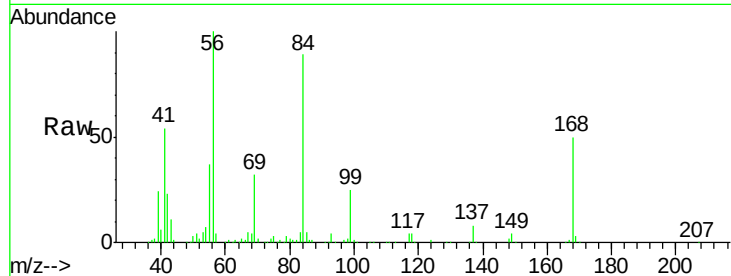
99 49.9 39.0 58.6

Manual Integrations

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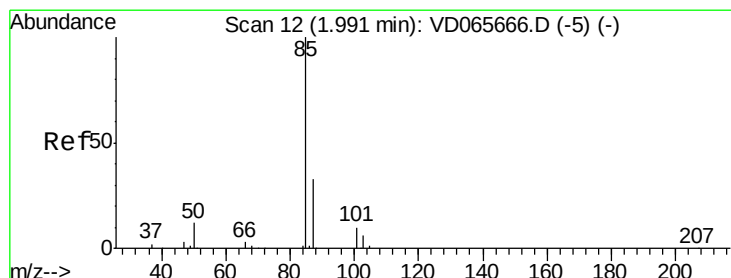
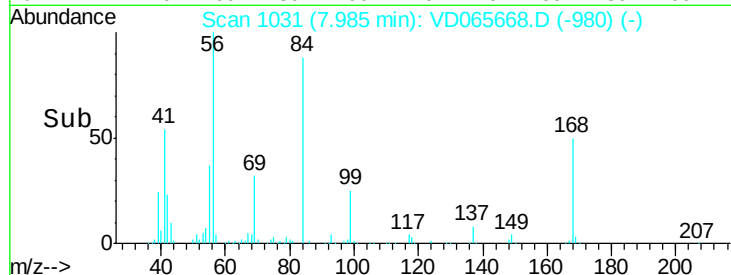
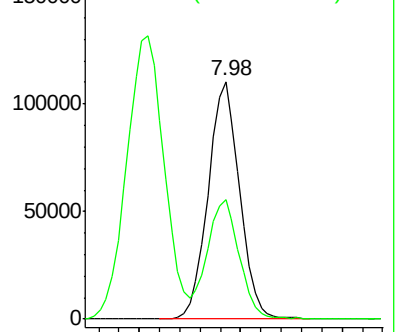
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 147.214 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065668.D

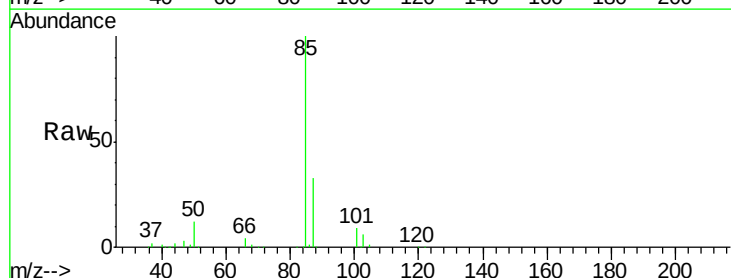
Acq: 22 Apr 2020 16:28

Tgt Ion: 85 Resp: 281607

Ion Ratio Lower Upper

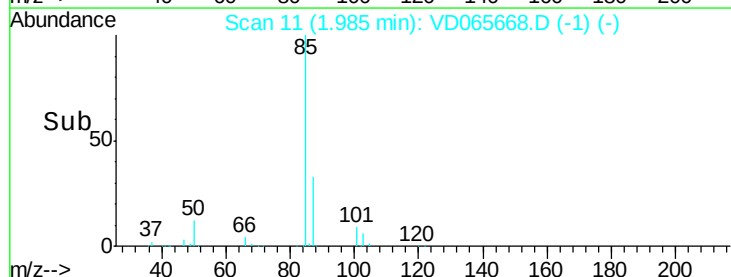
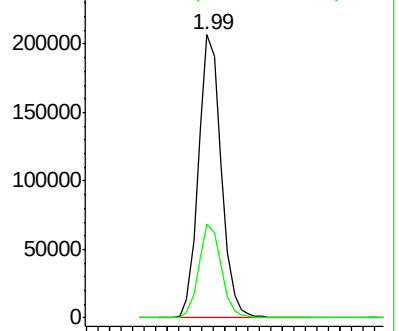
85 100

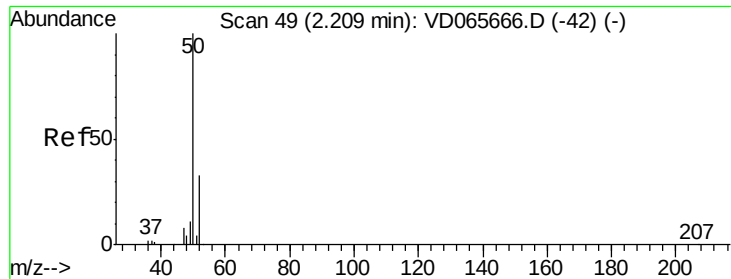
87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





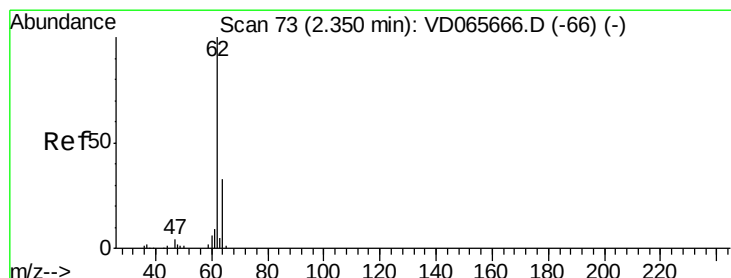
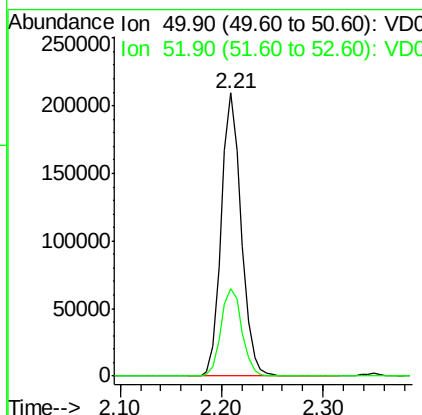
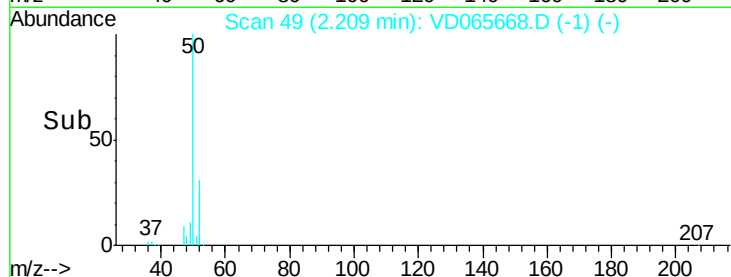
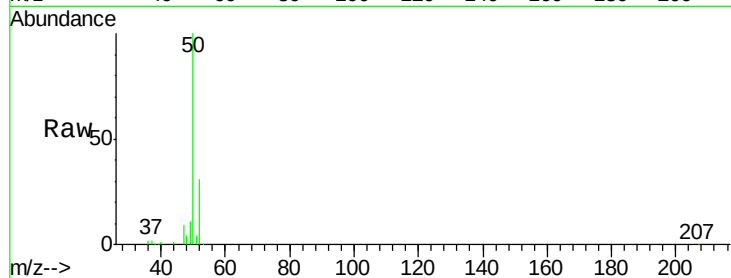
#3
Chloromethane
Concen: 137.025 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.6	39.8

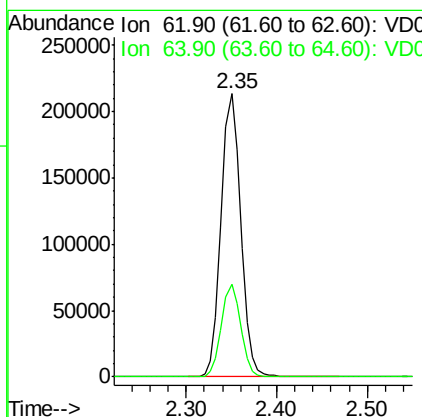
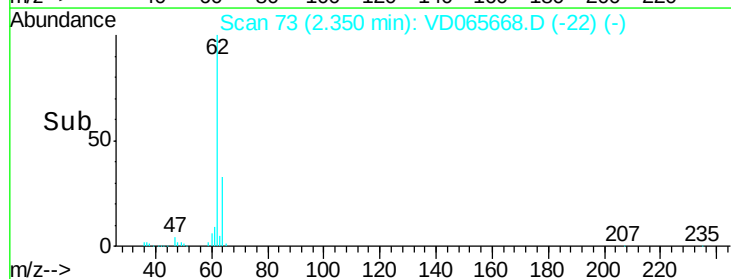
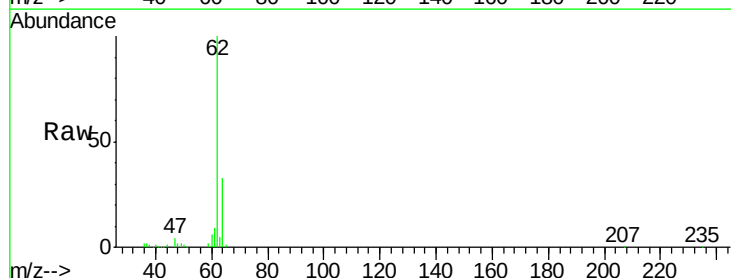
Manual Integrations
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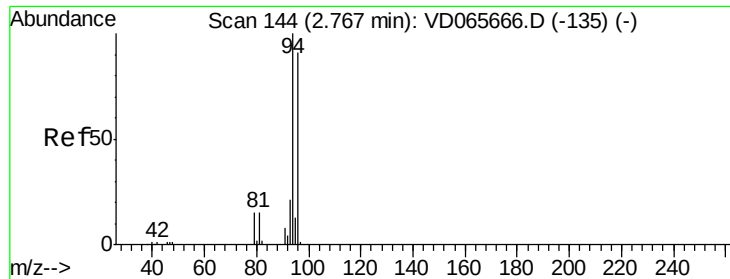
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#4
Vinyl Chloride
Concen: 140.869 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.4	39.6





#5

Bromomethane

Concen: 155.737 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 195993

Ion Ratio Lower Upper

94 100

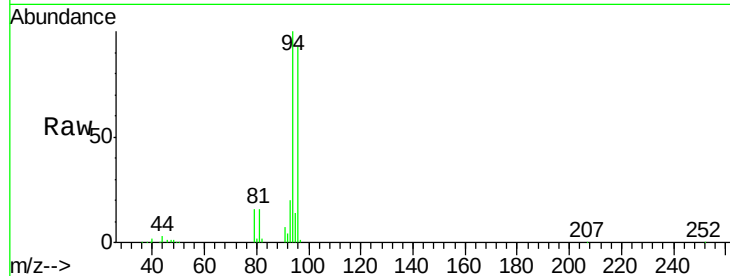
96 93.5 72.4 108.6

Manual Integrations

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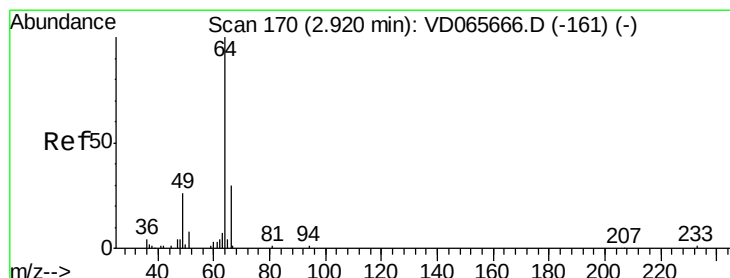
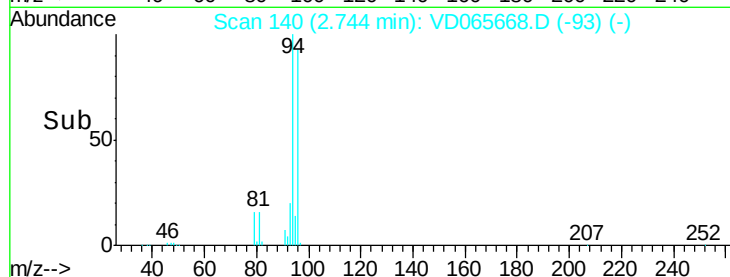
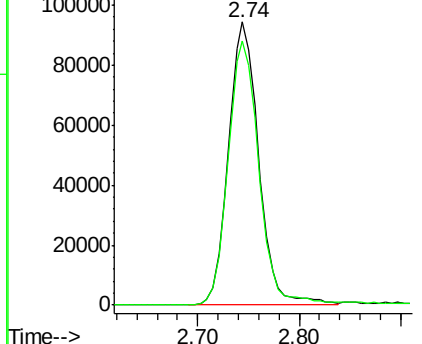
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 142.746 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD065668.D

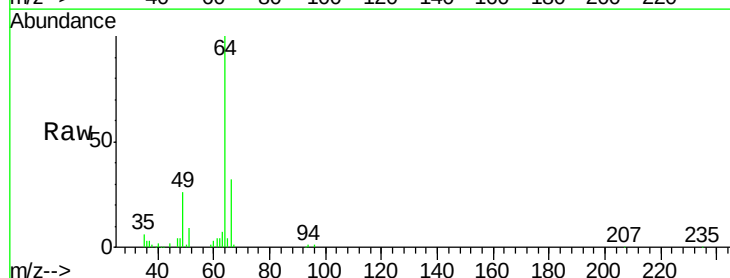
Acq: 22 Apr 2020 16:28

Tgt Ion: 64 Resp: 194382

Ion Ratio Lower Upper

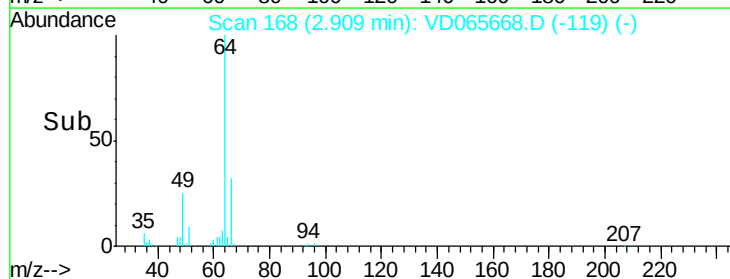
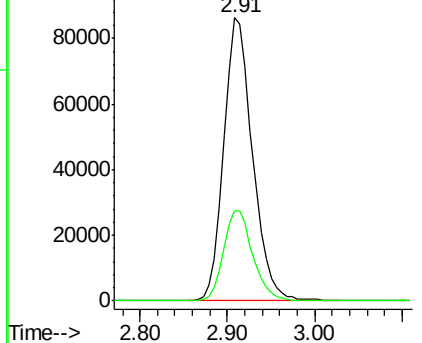
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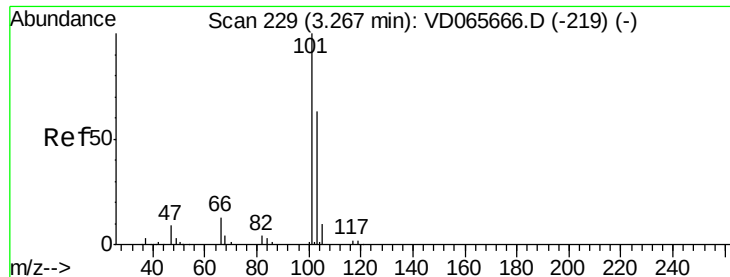
66 31.9 24.2 36.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

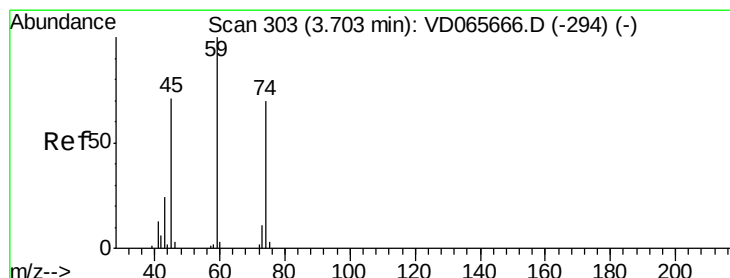
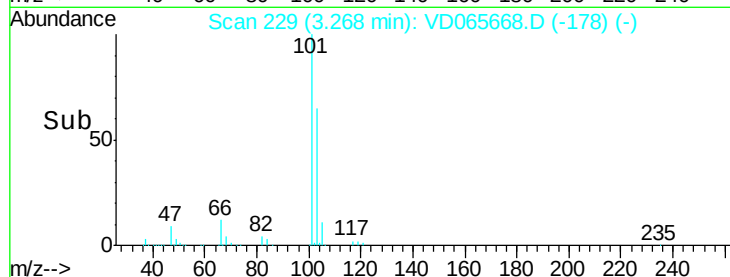
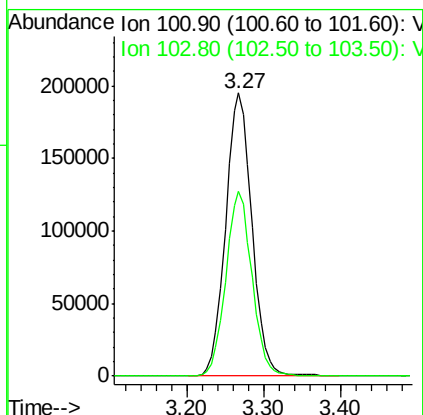
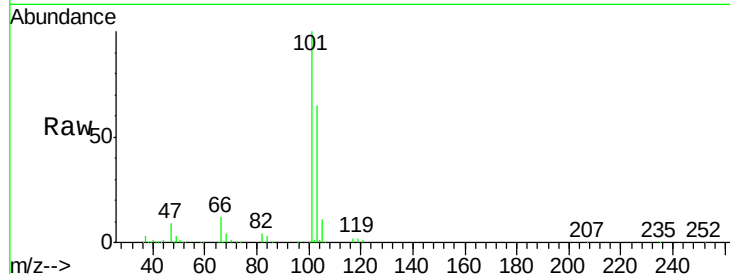
Trichlorofluoromethane
Concen: 142.144 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.2	75.2

Manual Integrations
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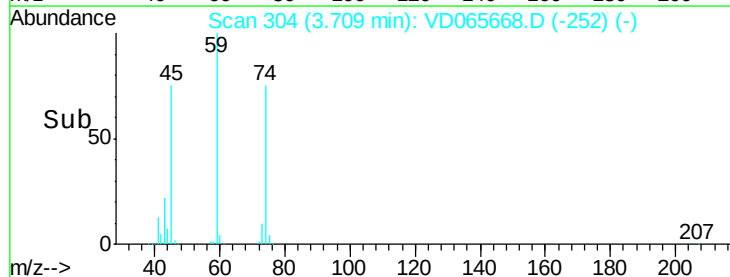
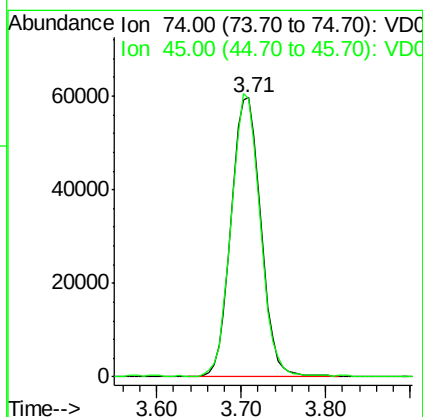
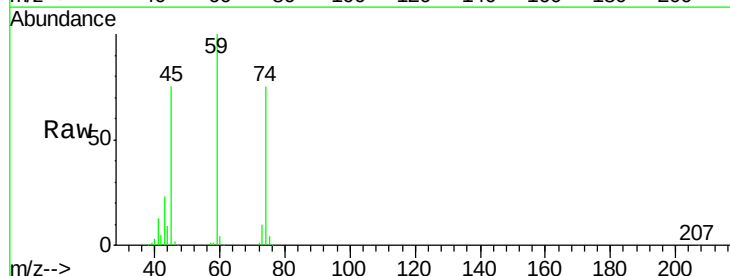
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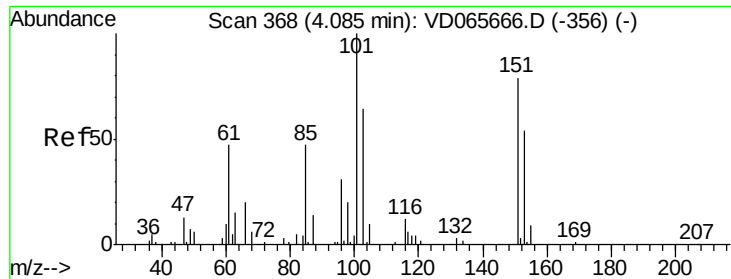


#8

Diethyl Ether
Concen: 218.099 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 205.479 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:101 Resp: 307072
Ion Ratio Lower Upper

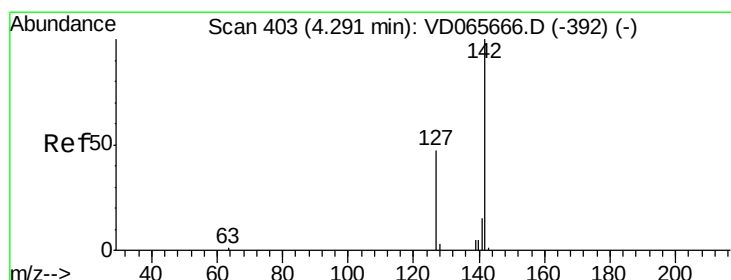
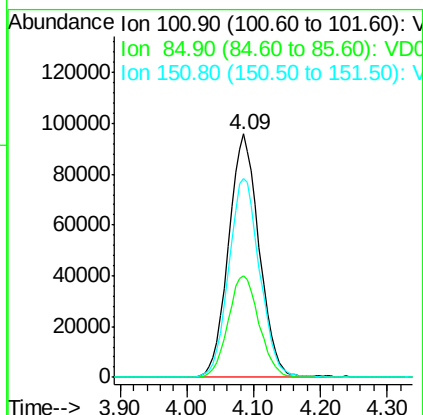
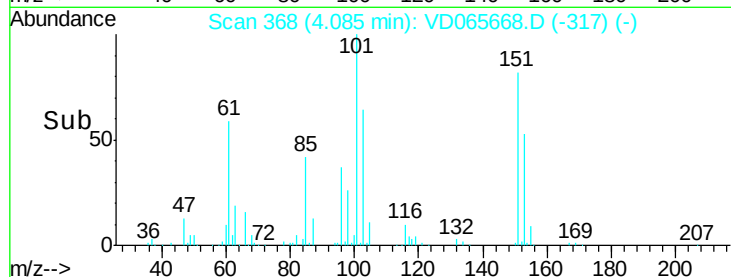
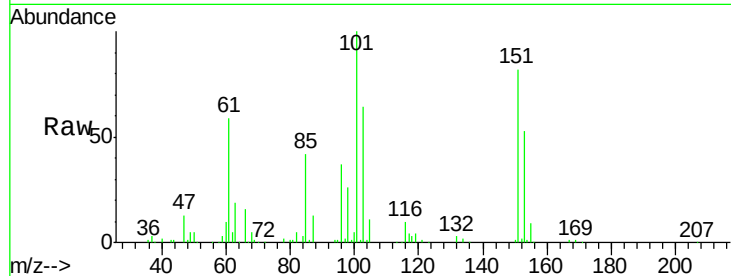
101 100

85 42.3 35.6 53.4

151 82.5 65.4 98.0

Manual Integrations
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4/23/2020 1:31:47 PM



#10

Methyl Iodide

Concen: 185.758 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065668.D

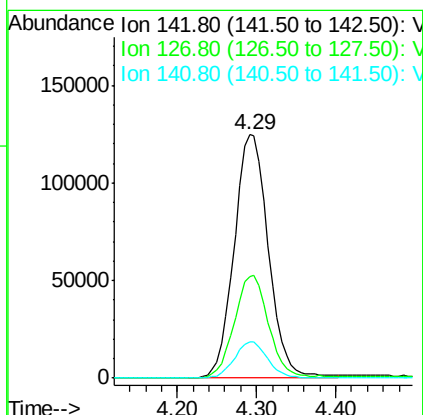
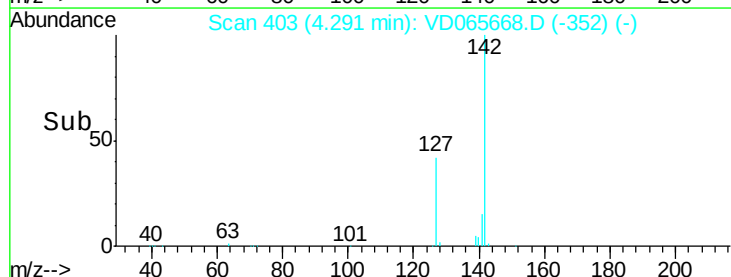
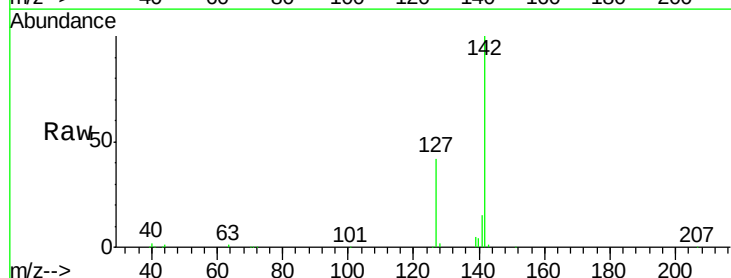
Acq: 22 Apr 2020 16:28

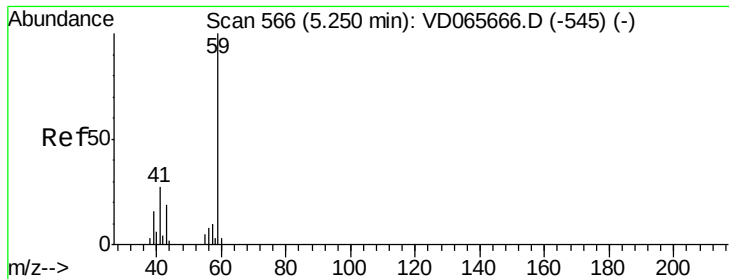
Tgt Ion:142 Resp: 374712
Ion Ratio Lower Upper

142 100

127 42.1 38.2 57.2

141 14.5 12.1 18.1





#11

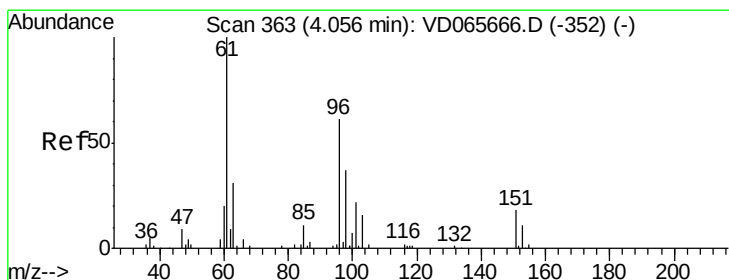
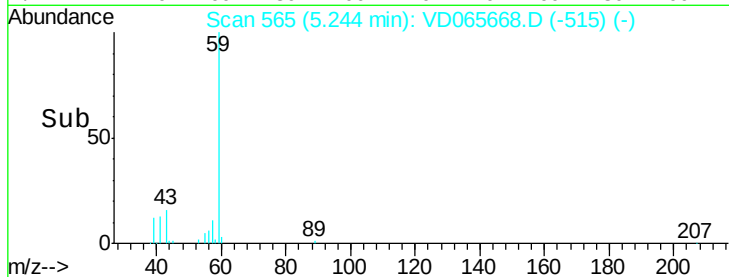
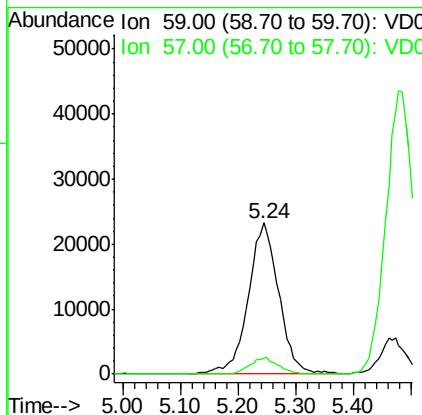
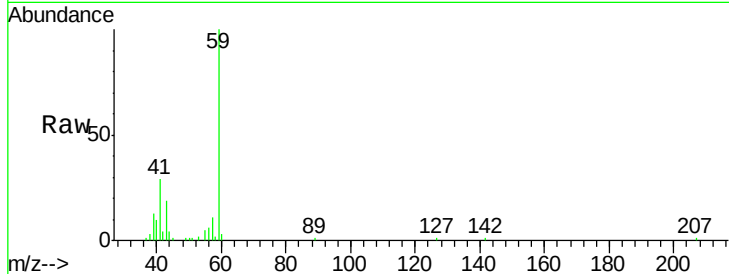
Tert butyl alcohol
Concen: 781.179 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.5	11.3

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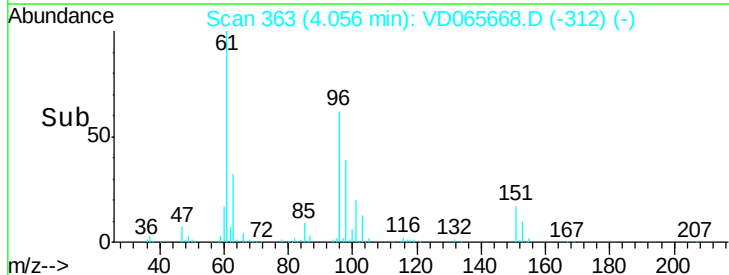
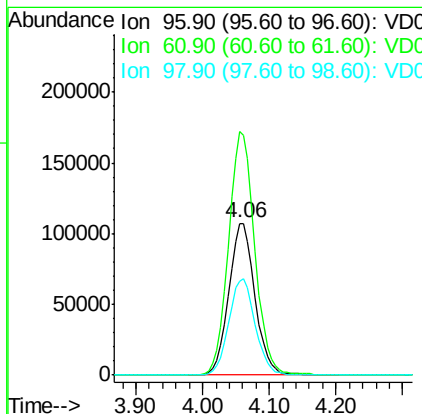
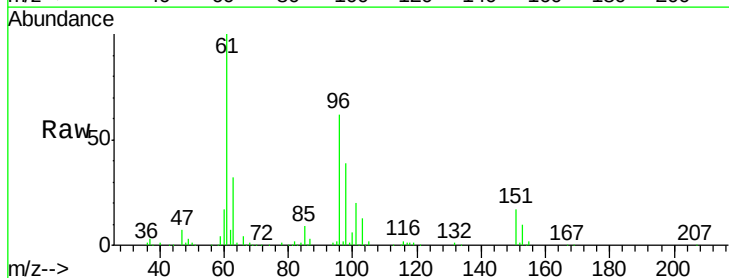
MMDadoda
4/23/2020 1:31:47 PM

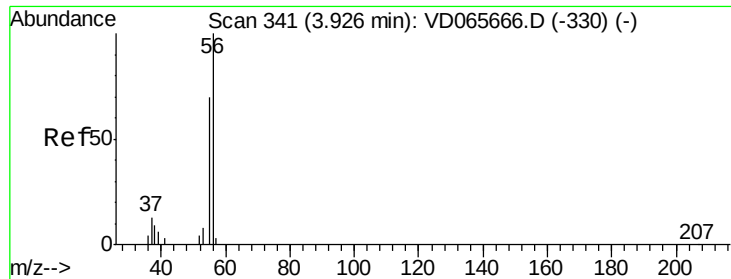


#12

1,1-Dichloroethene
Concen: 219.814 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	131.8	197.6
98	62.3	48.2	72.4





#13

Acrolein

Concen: 1416.134 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 122743

Ion Ratio Lower Upper

56 100

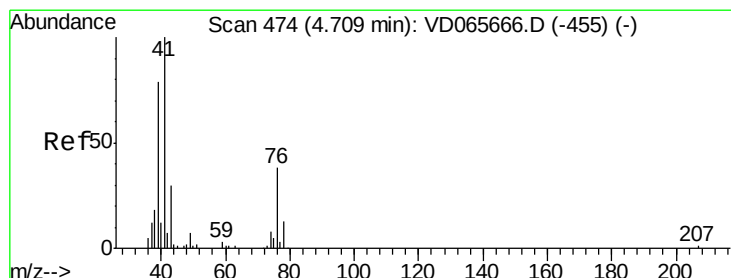
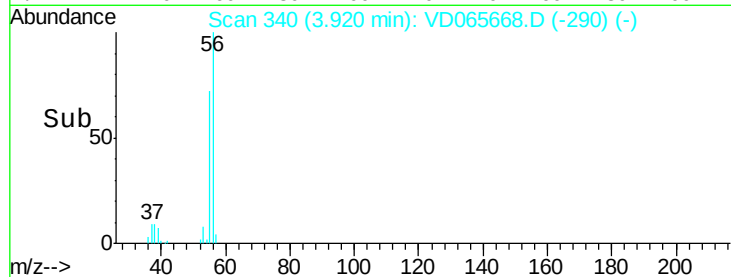
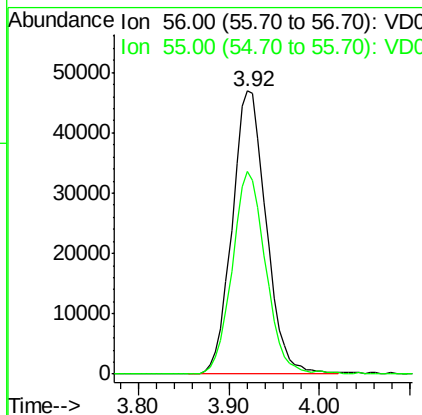
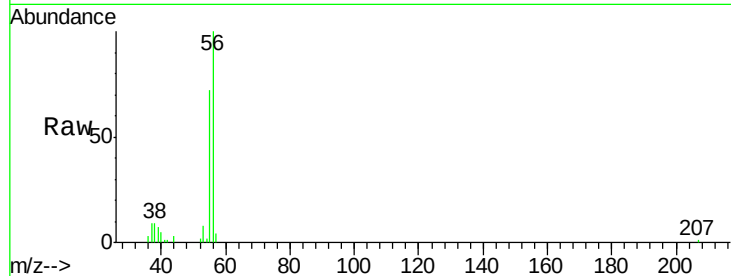
55 70.4 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 200.015 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

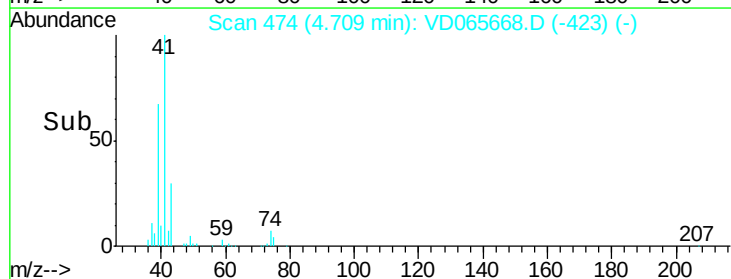
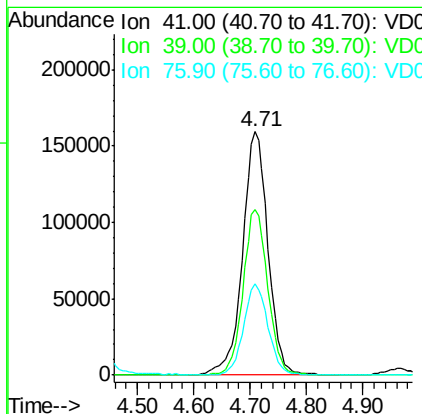
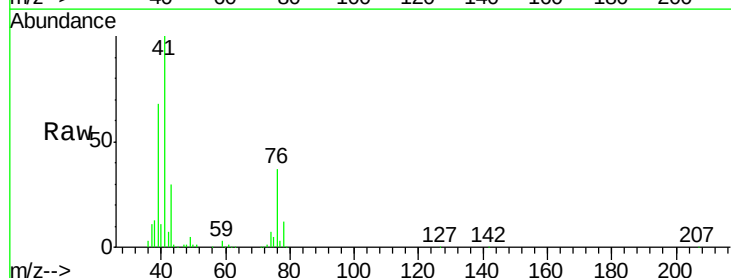
Tgt Ion: 41 Resp: 499401

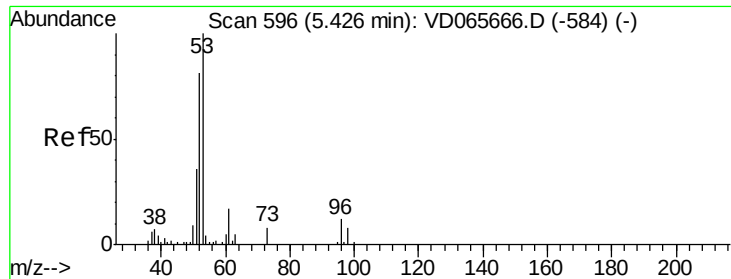
Ion Ratio Lower Upper

41 100

39 66.3 60.7 91.1

76 35.4 29.3 43.9





#15

Acrylonitrile

Concen: 845.616 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

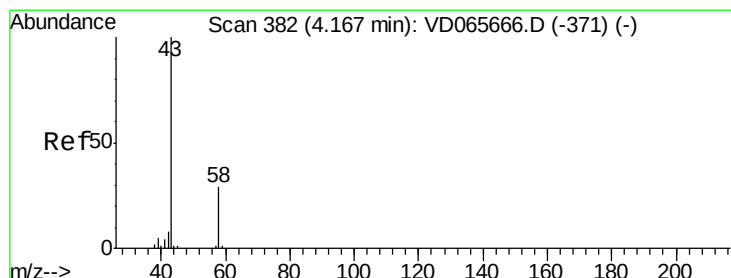
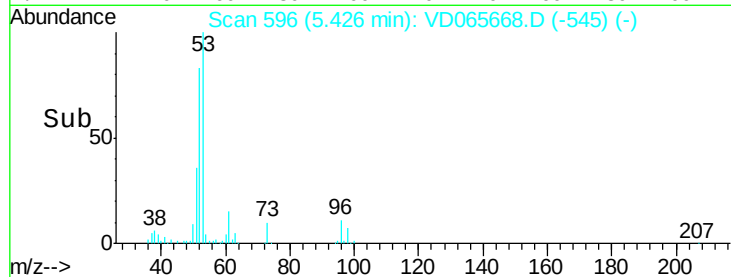
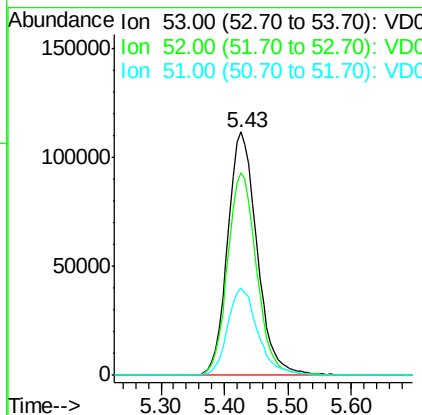
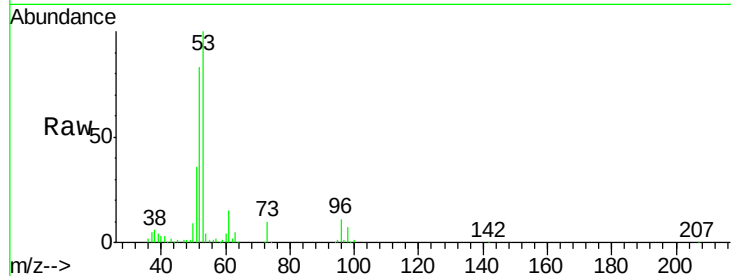
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	358894
Ion	Ratio	Lower	Upper
53	100		
52	82.1	64.2	96.2
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 945.583 ug/l

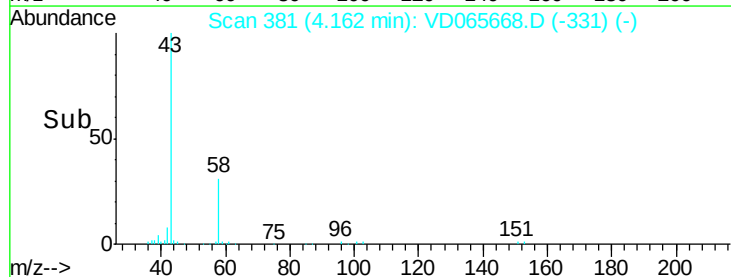
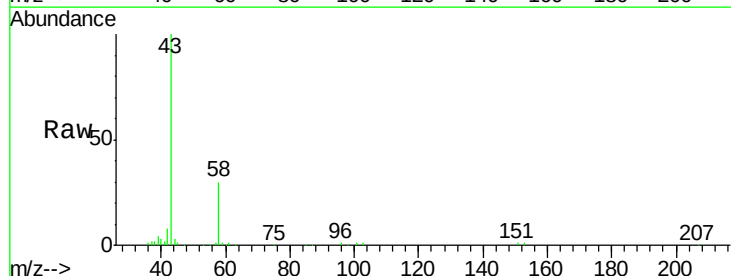
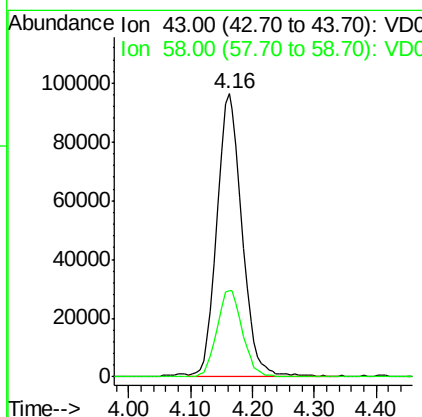
RT: 4.16 min Scan# 381

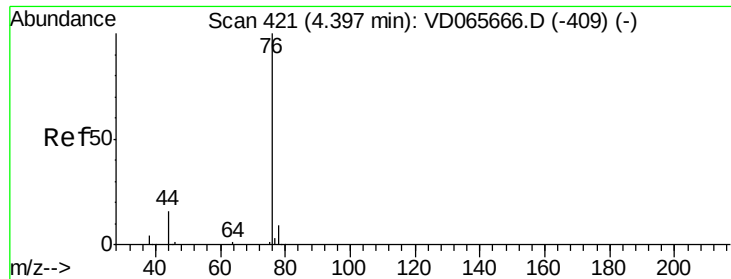
Delta R.T. -0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion:	43	Resp:	269156
Ion	Ratio	Lower	Upper
43	100		
58	30.6	22.6	34.0





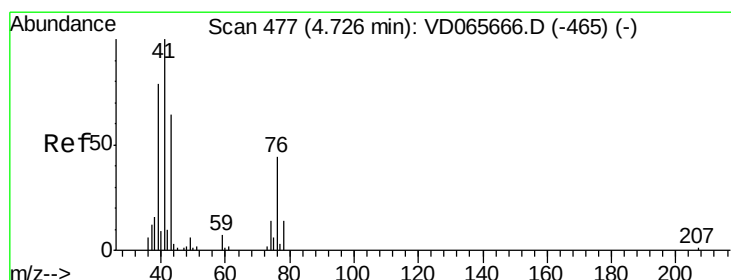
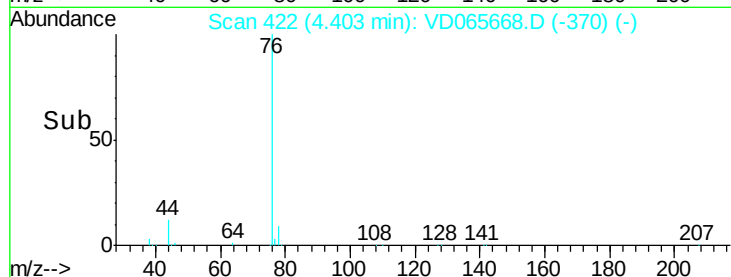
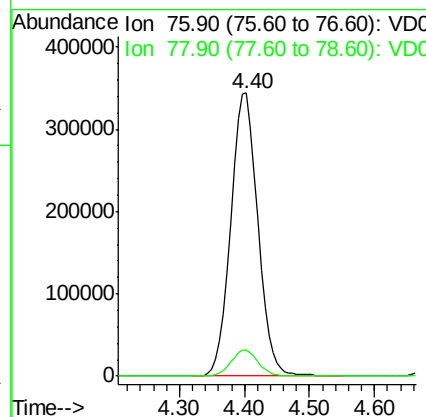
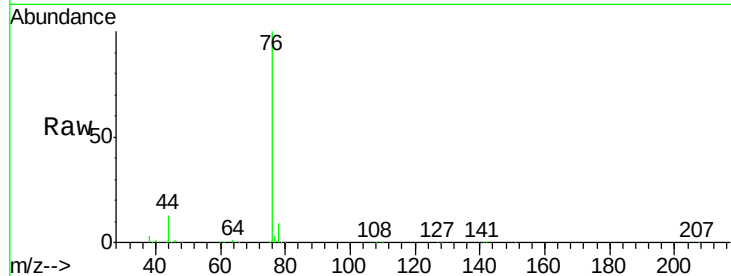
#17
Carbon Disulfide
Concen: 189.812 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

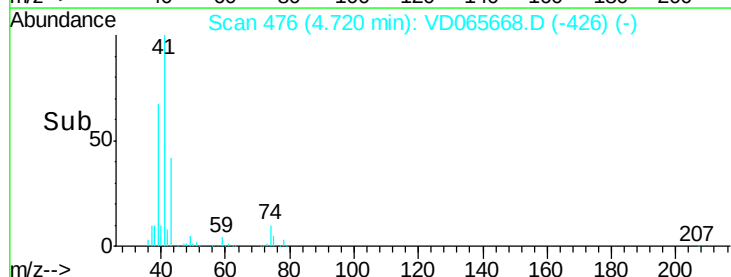
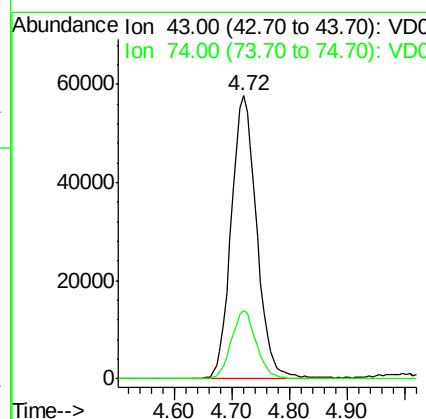
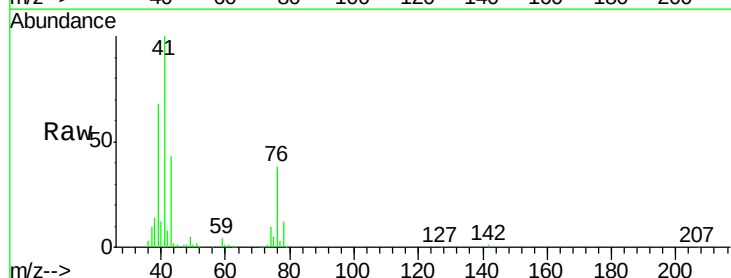
Manual Integrations
APPROVED

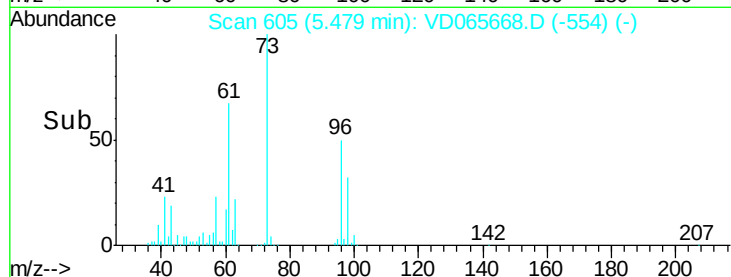
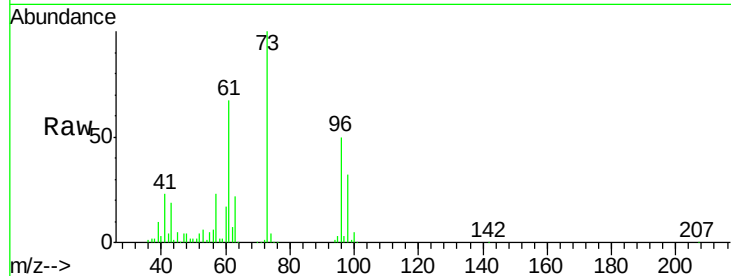
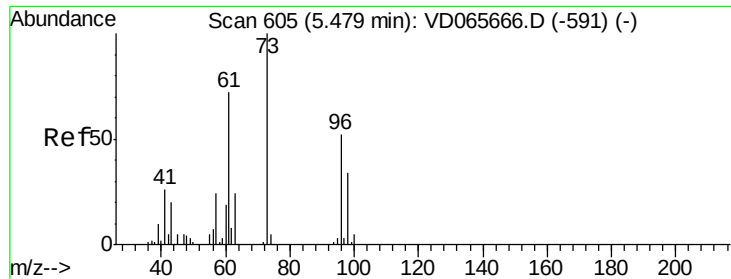
MMDadoda
4/23/2020 1:31:47 PM



#18
Methyl Acetate
Concen: 189.404 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	28.0





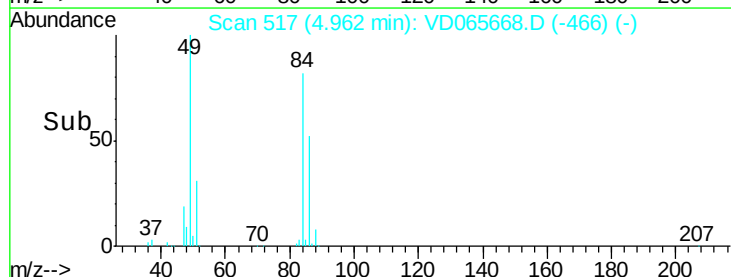
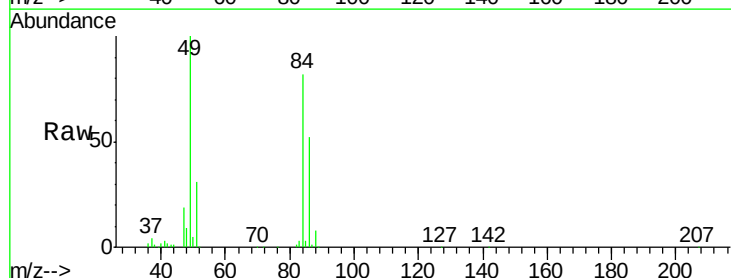
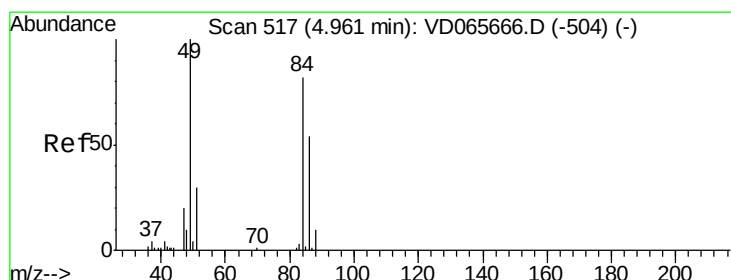
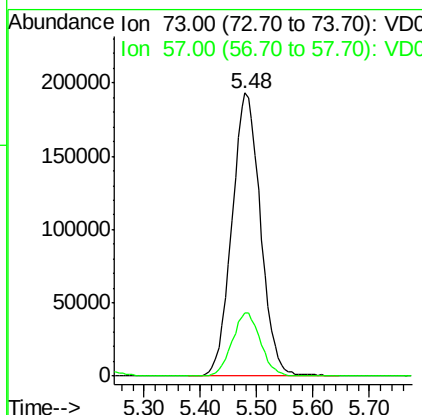
#19
Methyl tert-butyl Ether
Concen: 173.413 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tot Ion: 73 Resp: 682565
Ion Ratio Lower Upper
73 100
57 22.6 19.6 29.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

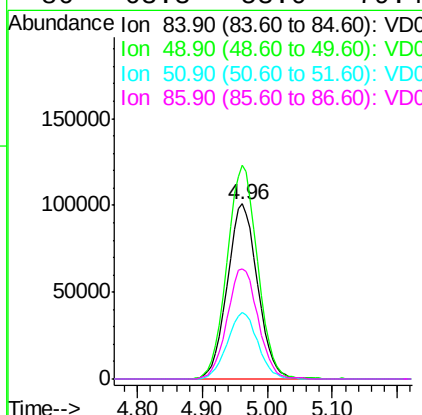
Manual Integrations
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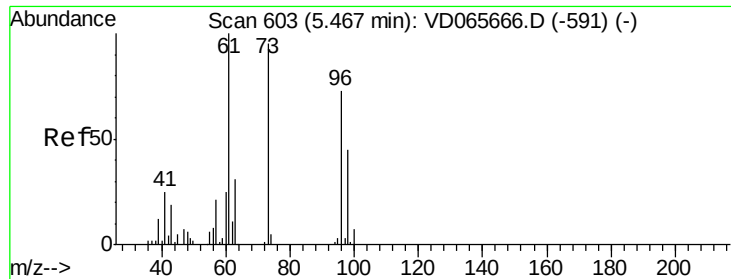
MMDadoda
4/23/2020 1:31:47 PM



#20
Methylene Chloride
Concen: 145.570 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 84 Resp: 326221
Ion Ratio Lower Upper
84 100
49 122.2 97.7 146.5
51 38.4 29.4 44.2
86 63.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 152.268 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

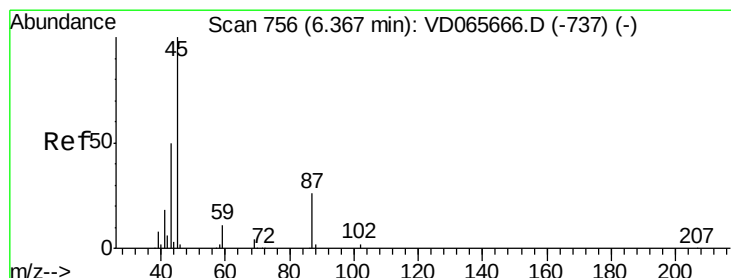
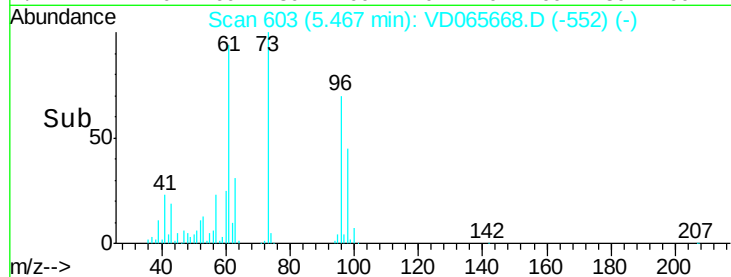
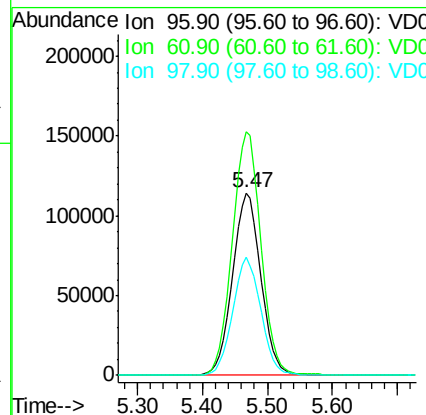
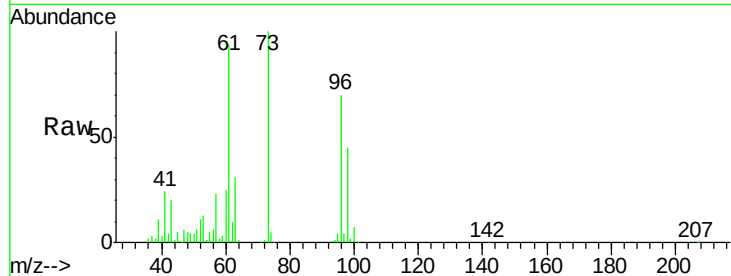
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	345626
Ion	Ratio	Lower	Upper
96	100		
61	133.7	109.6	164.4
98	64.9	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 161.343 ug/l

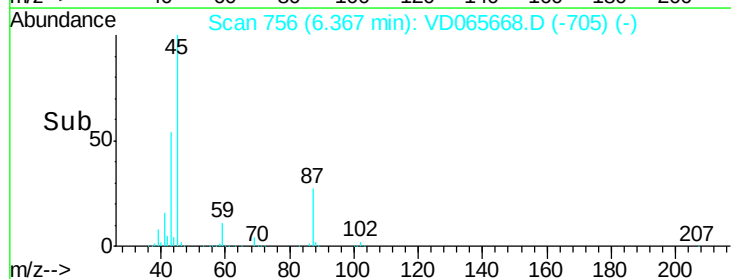
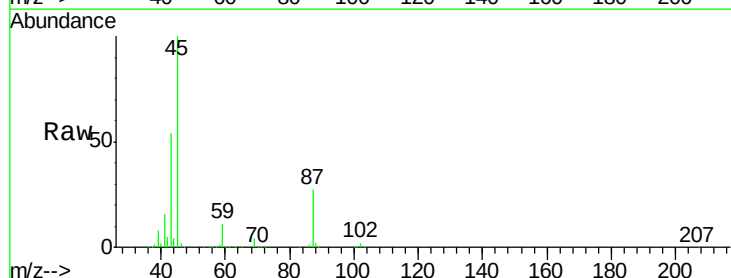
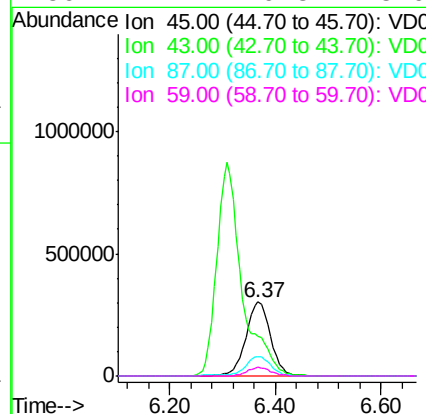
RT: 6.37 min Scan# 756

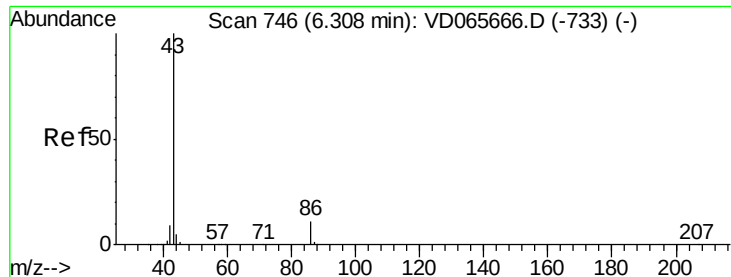
Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion:	45	Resp:	980950
Ion	Ratio	Lower	Upper
45	100		
43	53.3	41.9	62.9
87	26.5	21.6	32.4
59	11.4	9.3	13.9





#23

Vinyl Acetate

Concen: 893.735 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2895761

Ion Ratio Lower Upper

43 100

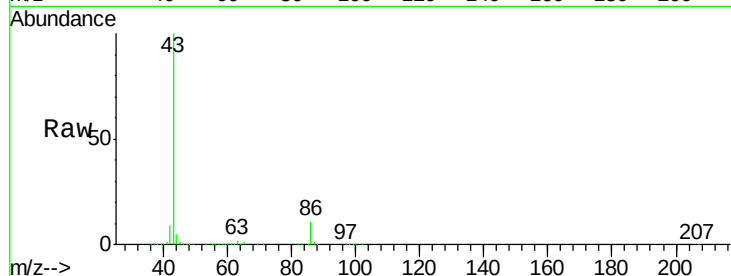
86 11.0 8.7 13.1

Manual Integrations

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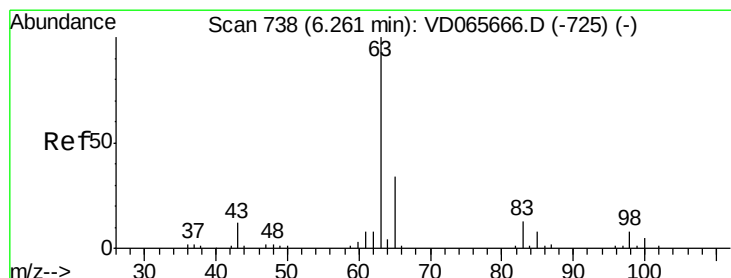
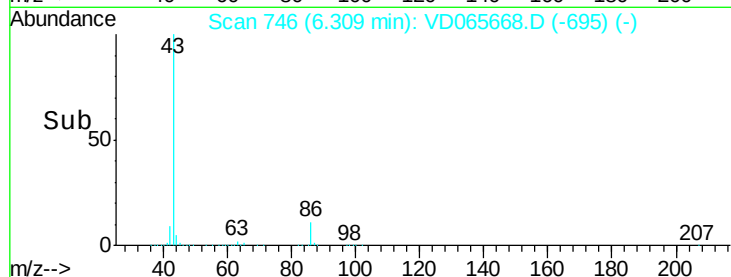
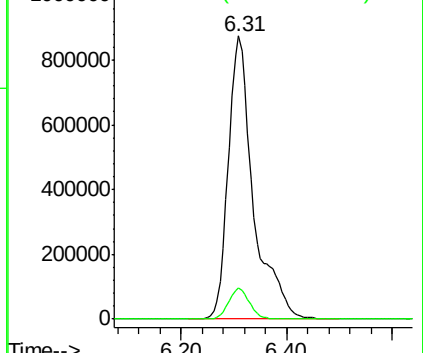
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 147.934 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

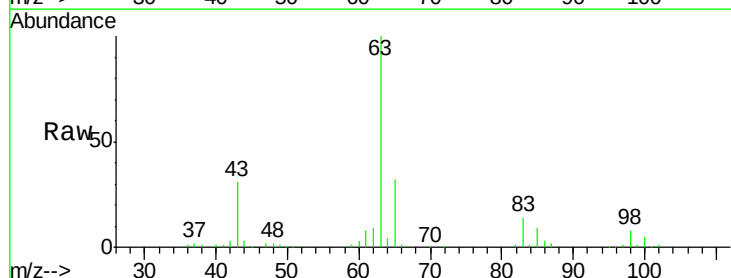
Tgt Ion: 63 Resp: 573300

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

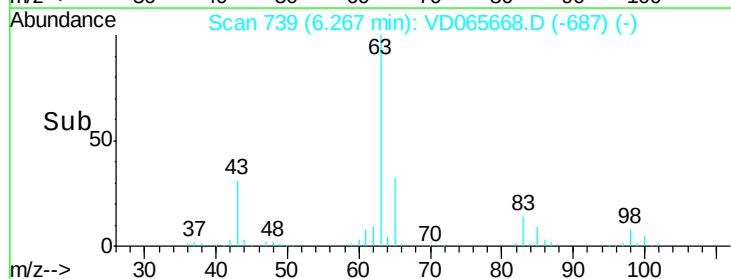
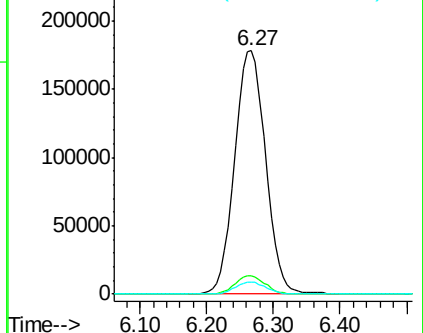
100 4.8 2.3 6.9

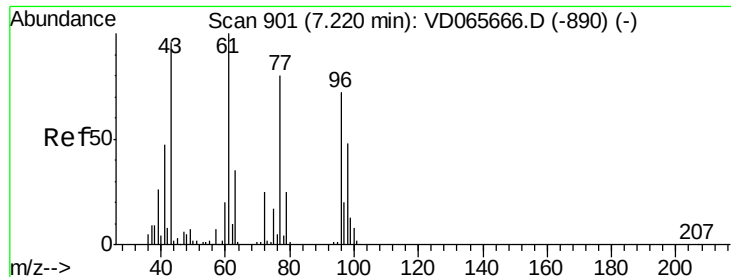


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 831.805 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 431734

Ion Ratio Lower Upper

43 100

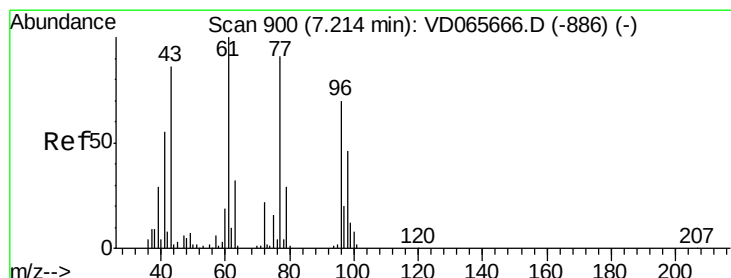
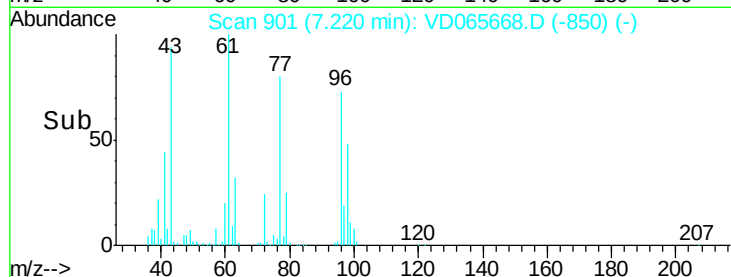
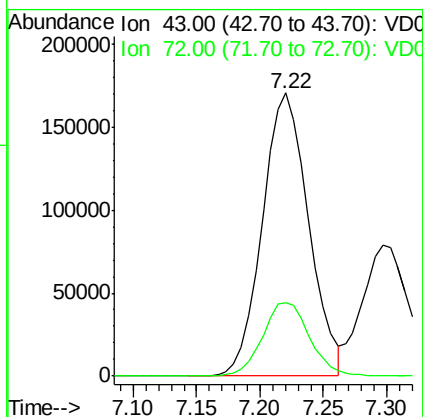
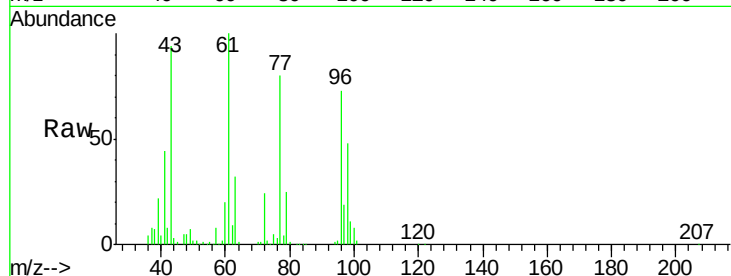
72 26.0 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 143.693 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065668.D

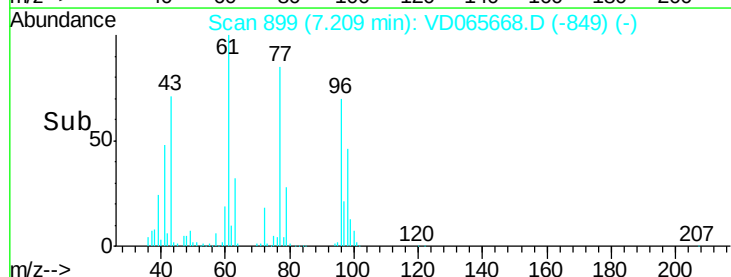
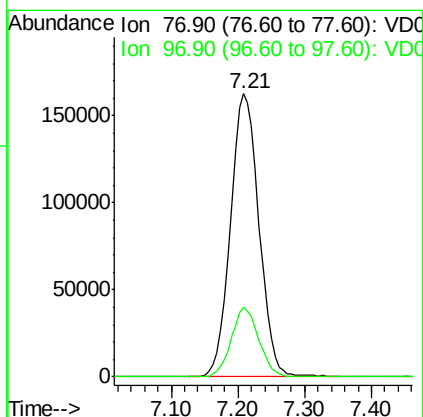
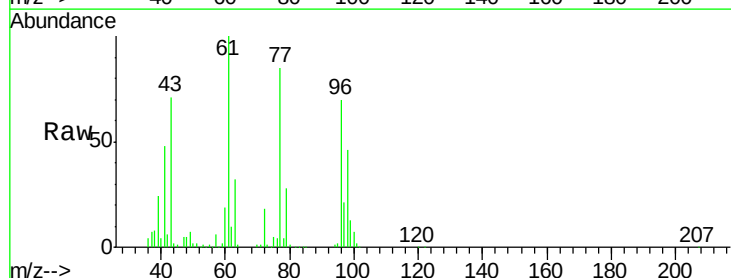
Acq: 22 Apr 2020 16:28

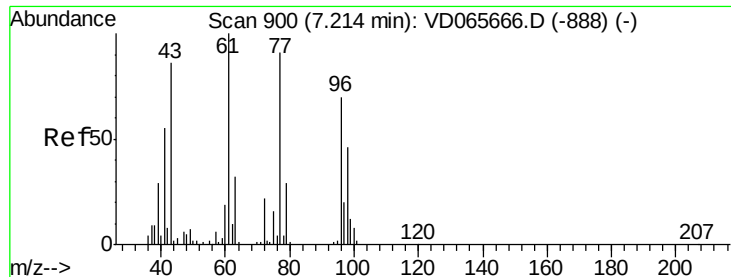
Tgt Ion: 77 Resp: 484917

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

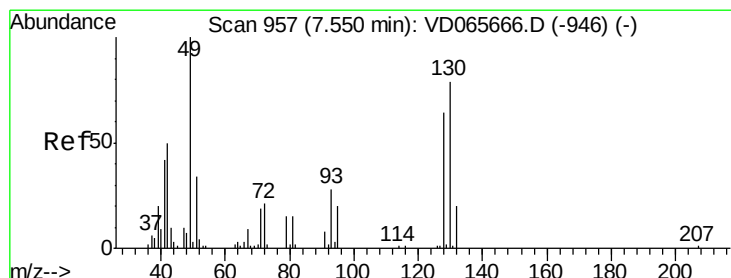
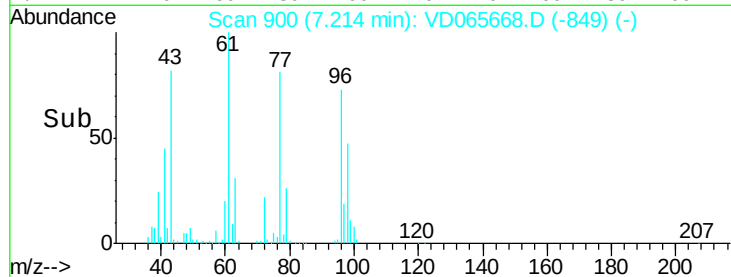
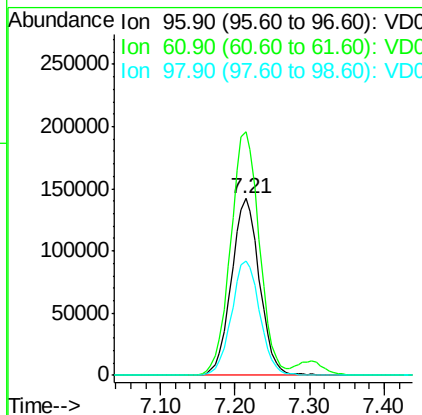
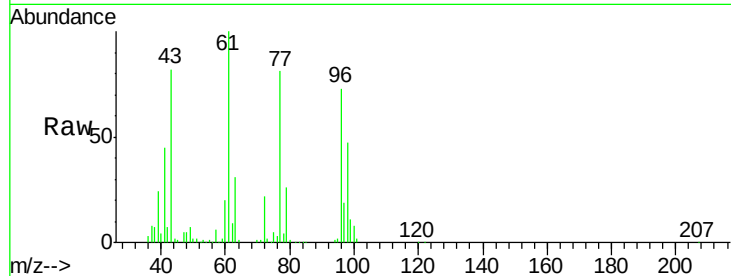
cis-1,2-Dichloroethene
 Concen: 157.541 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	372211		
61	140.9		0.0	290.4
98	65.0		0.0	131.0

Manual Integrations
 APPROVED

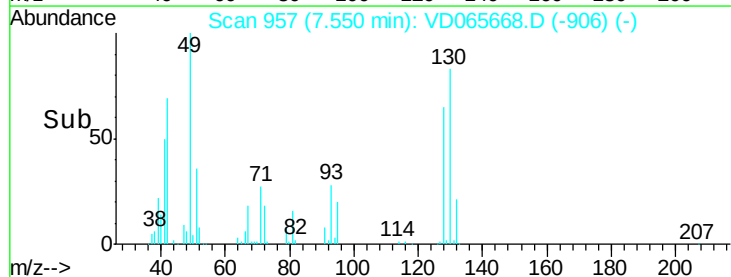
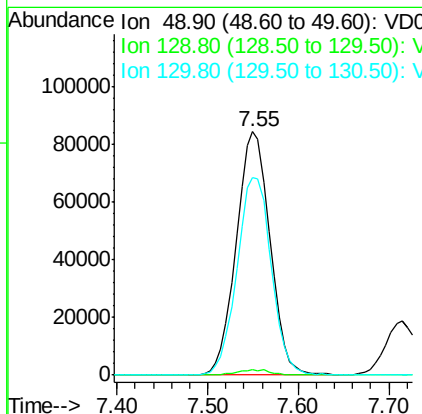
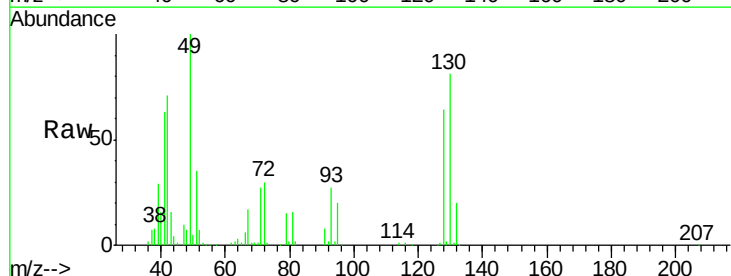
MMDadoda
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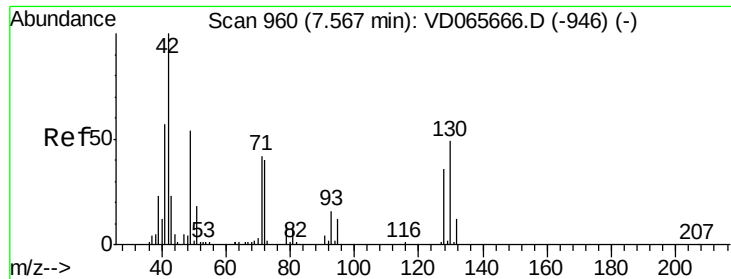


#28

Bromochloromethane
 Concen: 138.216 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	218676		
129	2.2		0.0	5.0
130	82.5		66.3	99.5





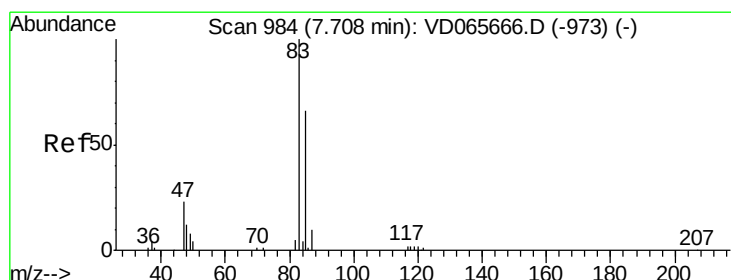
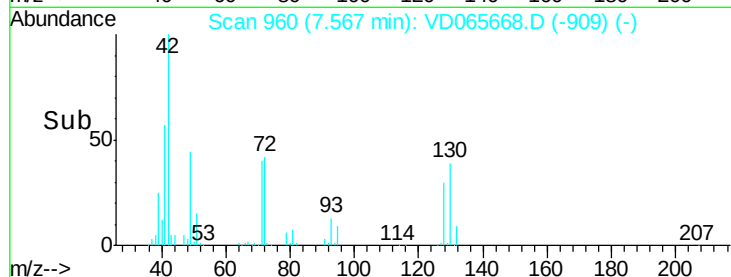
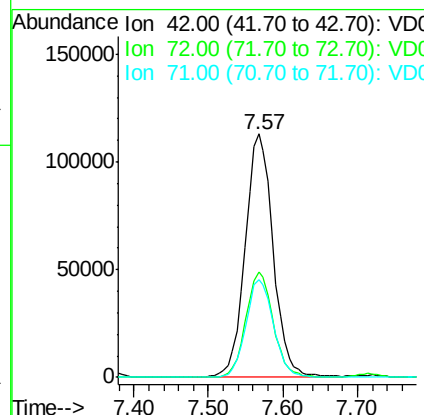
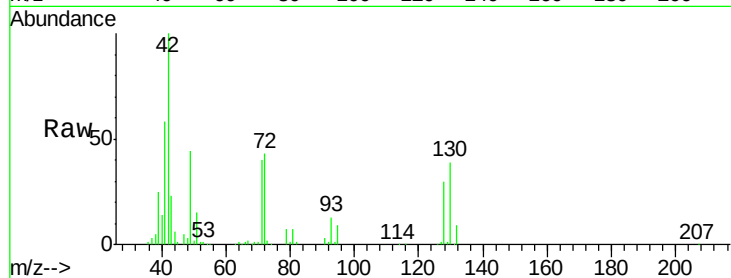
#29
Tetrahydrofuran
Concen: 892.260 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.8	50.6
71	39.5	30.7	46.1

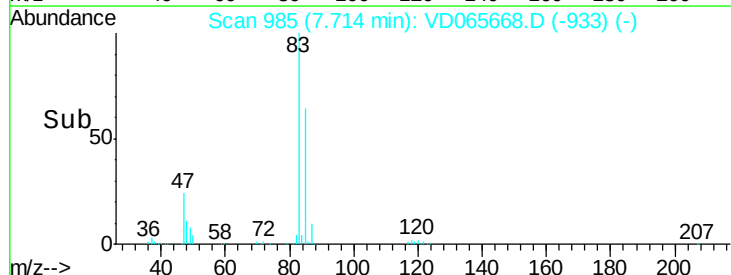
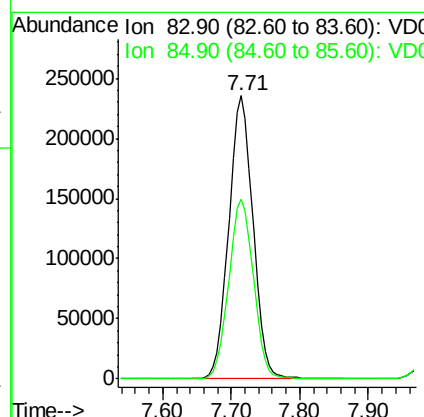
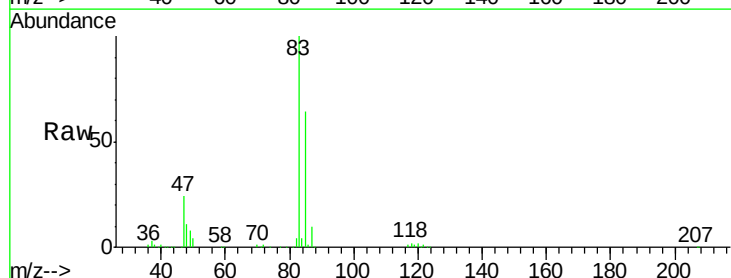
Manual Integrations
APPROVED

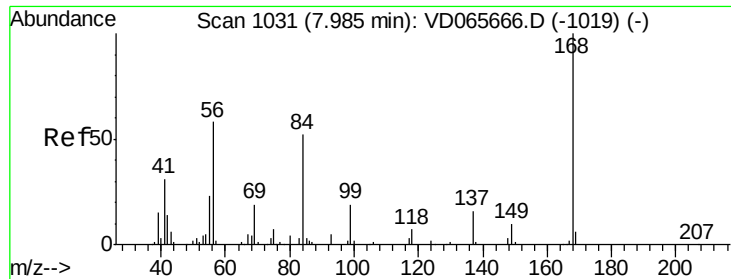
MMDadoda
4/23/2020 1:31:47 PM



#30
Chloroform
Concen: 146.342 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.5	78.7





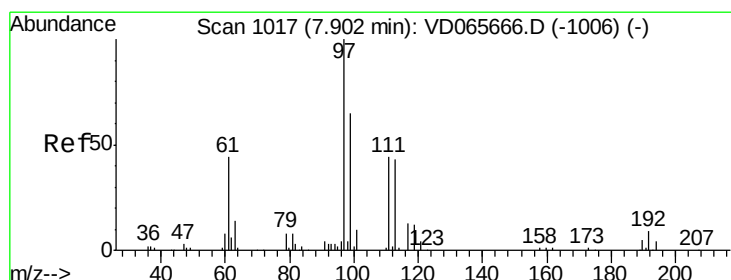
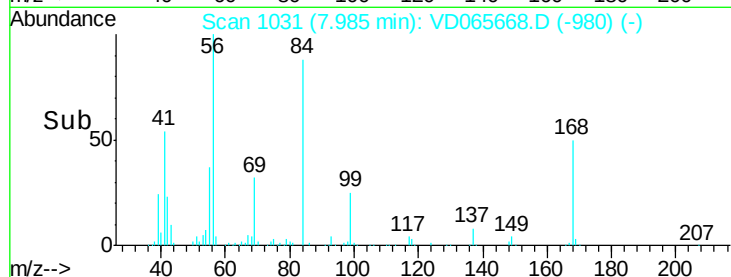
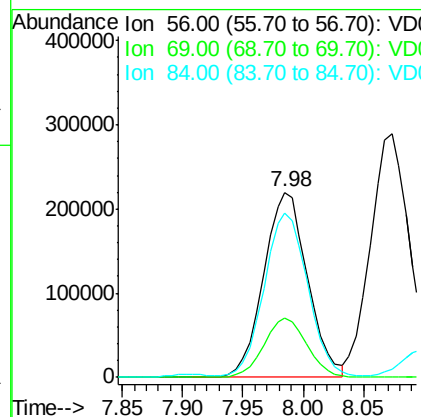
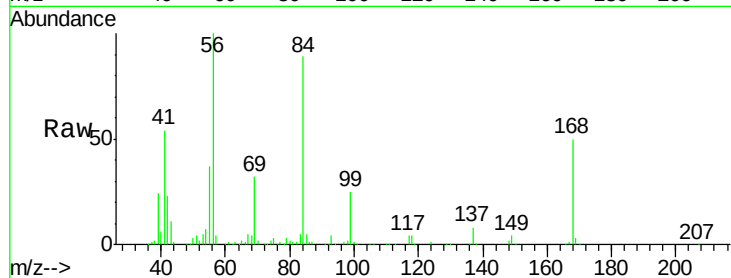
#31
Cyclohexane
Concen: 149.749 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	26.3	39.5
84	87.2	71.4	107.0

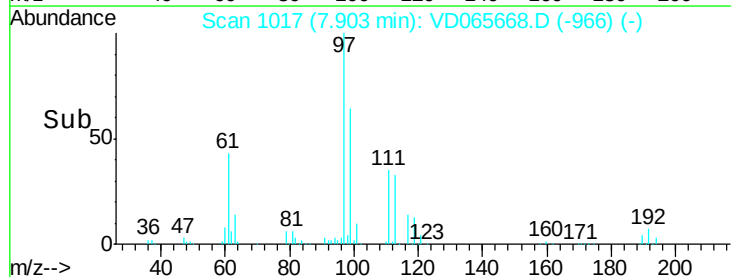
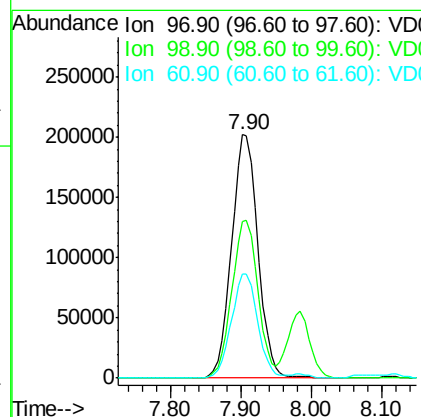
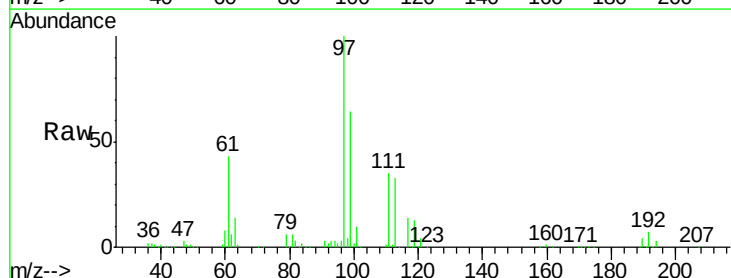
Manual Integrations
APPROVED

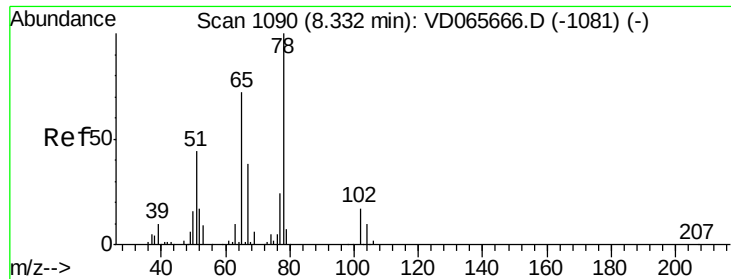
MMDadoda
4/23/2020 1:31:47 PM



#32
1,1,1-Trichloroethane
Concen: 146.894 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	42.7	35.8	53.6





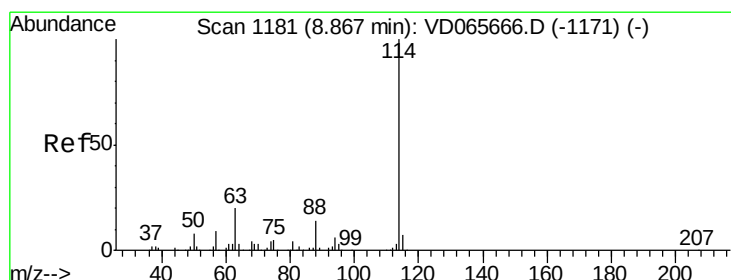
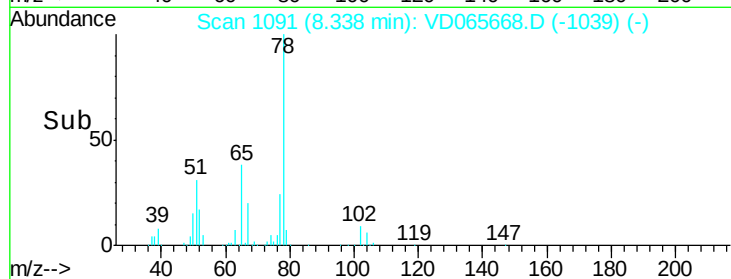
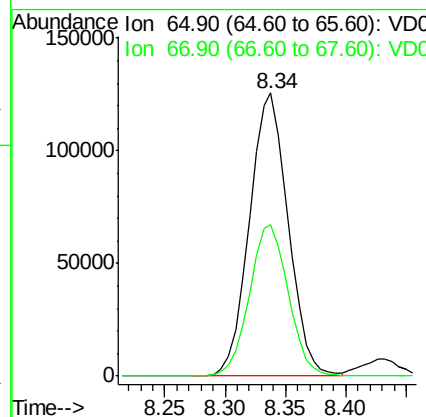
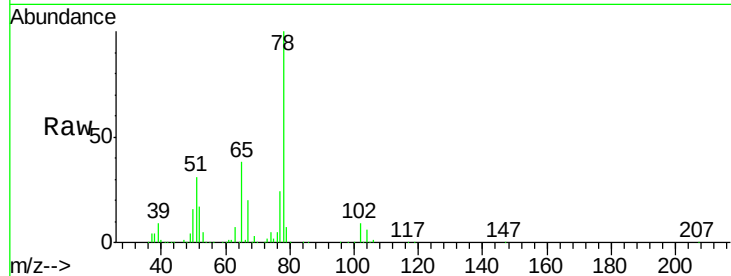
#33
 1,2-Dichloroethane-d4
 Concen: 139.549 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	280034		
67	53.9	0.0	107.0	

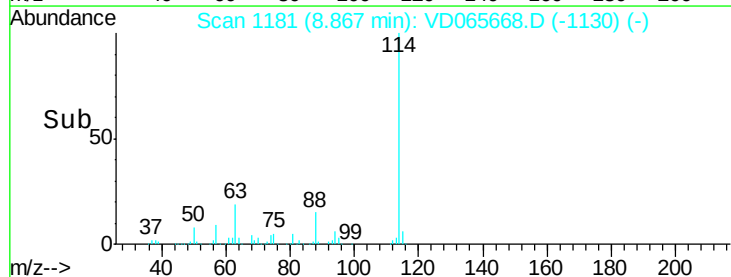
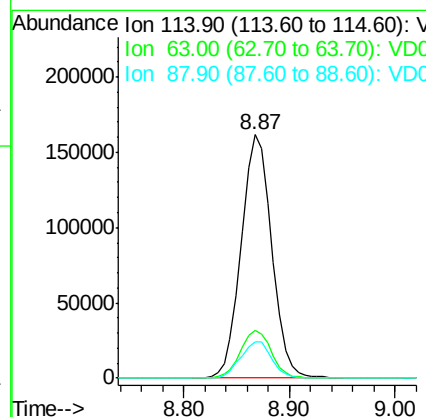
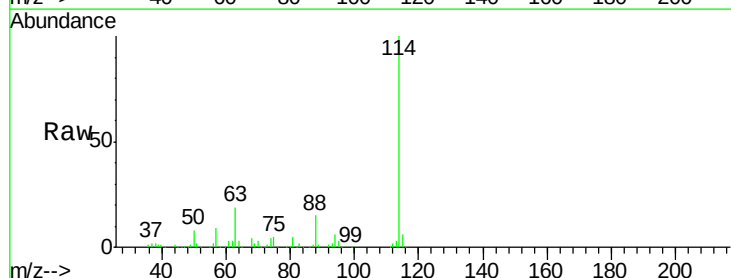
Manual Integrations
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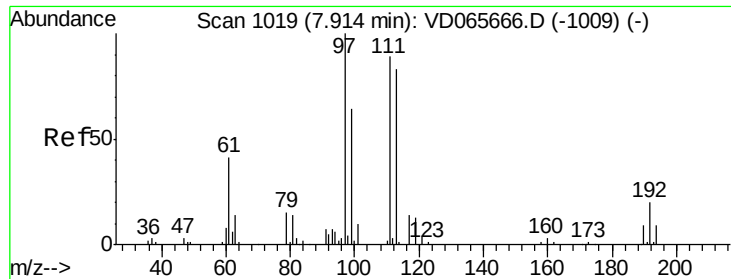
MMDadoda
 4/23/2020 1:31:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	323655		
63	19.4	0.0	39.2	
88	15.1	0.0	28.4	





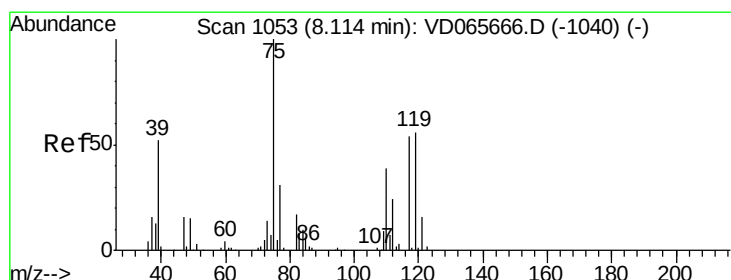
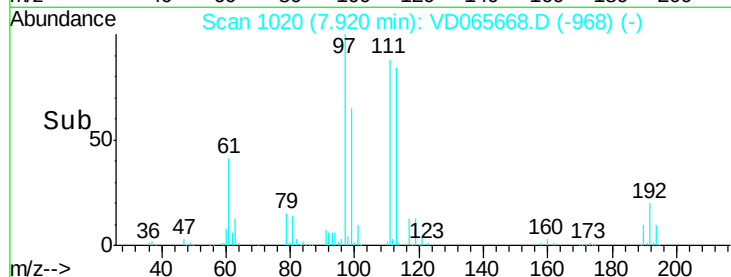
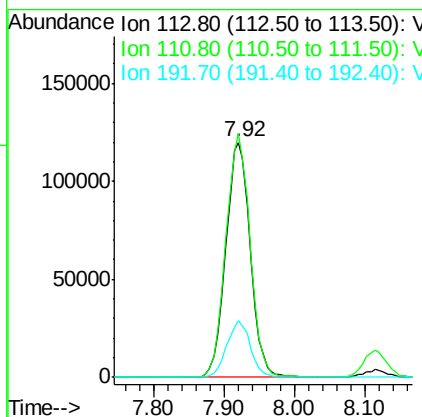
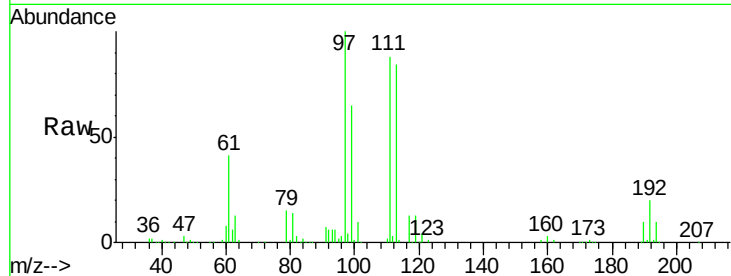
#35
Dibromofluoromethane
Concen: 142.800 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	287984		
111	102.5	83.2	124.8	
192	23.2	18.6	28.0	

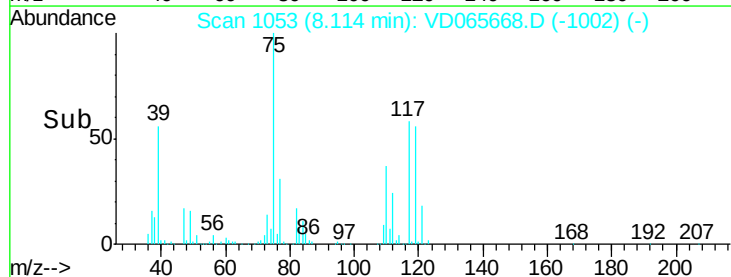
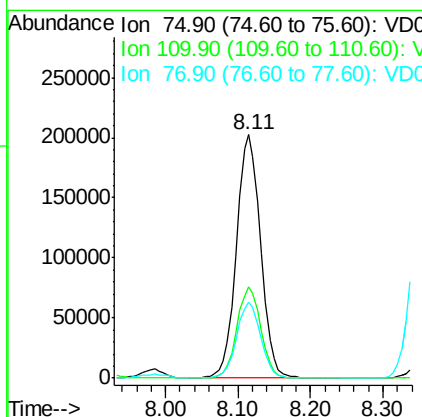
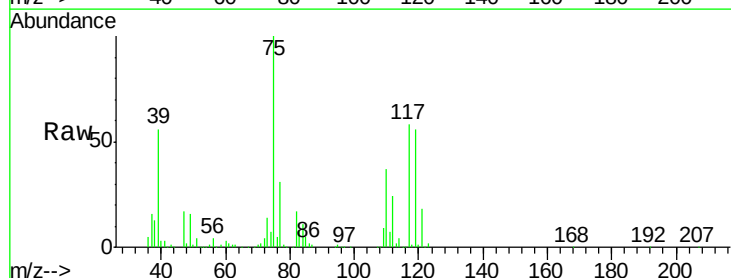
Manual Integrations
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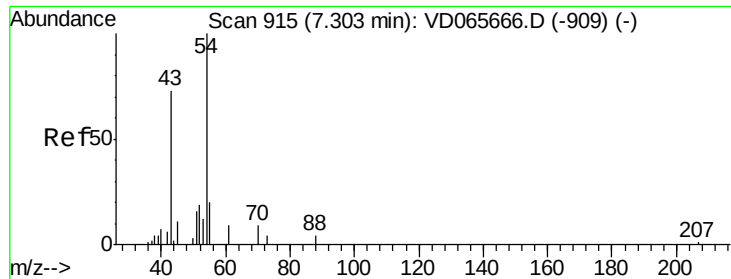
MMDadoda
4/23/2020 1:31:47 PM



#36
1,1-Dichloropropene
Concen: 152.724 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	467692		
110	37.1	18.4	55.0	
77	31.4	25.3	37.9	





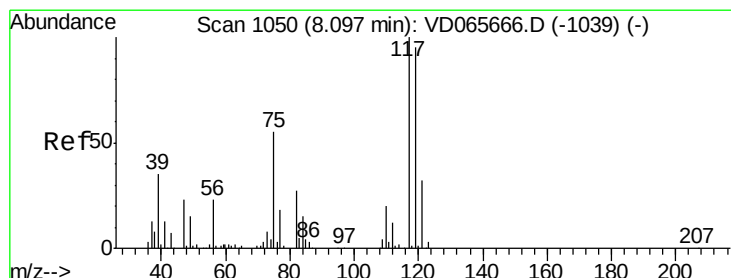
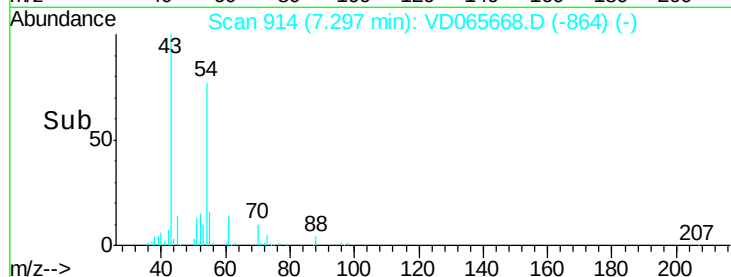
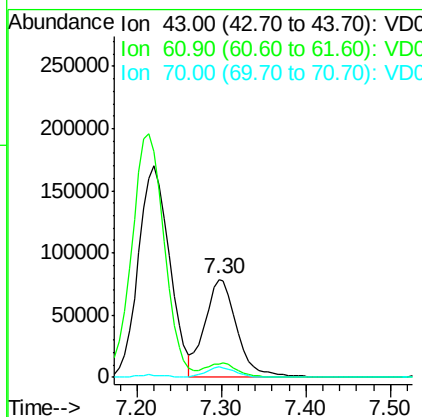
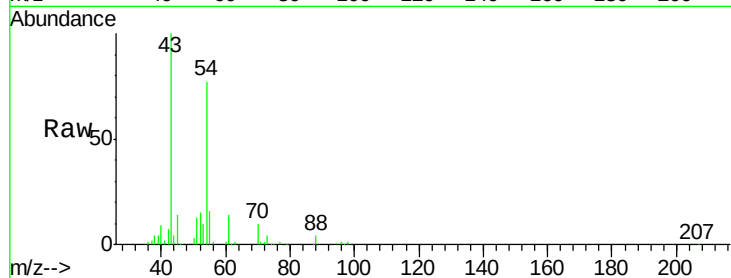
#37
Ethyl Acetate
Concen: 171.880 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.1	18.1
70	10.0	7.8	11.8

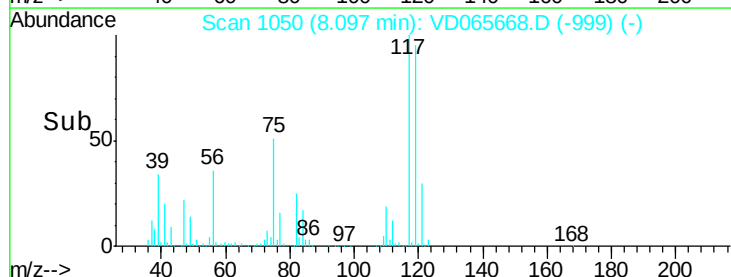
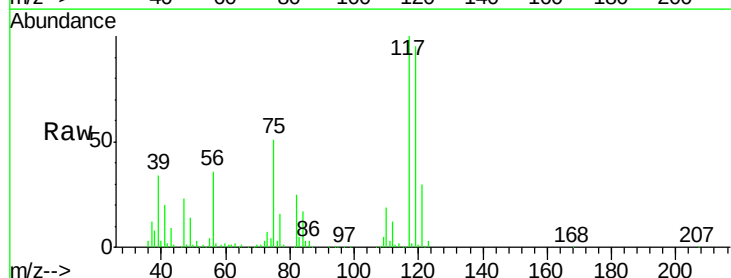
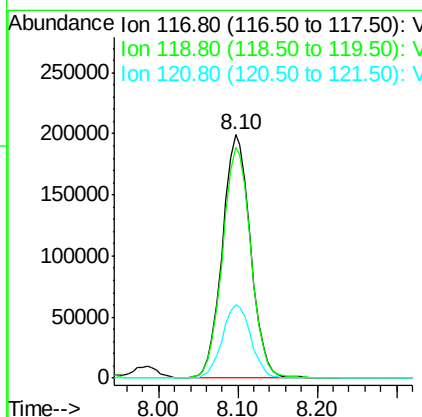
Manual Integrations
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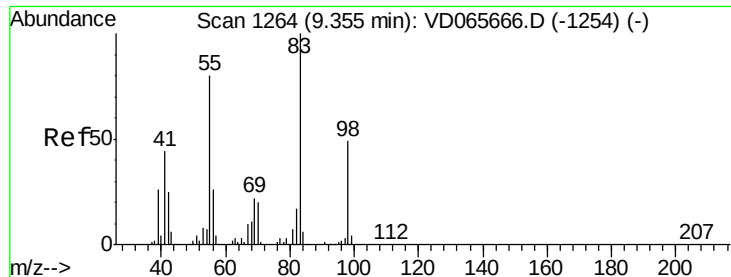
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#38
Carbon Tetrachloride
Concen: 149.110 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.7	113.5
121	30.4	25.8	38.6





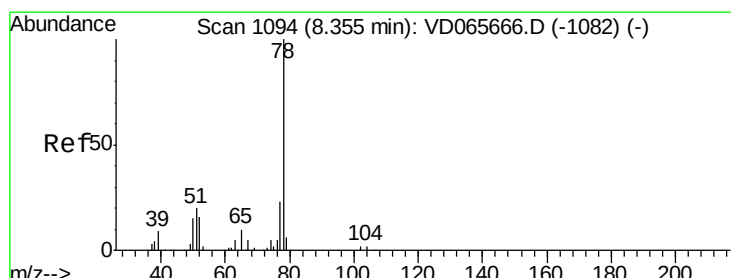
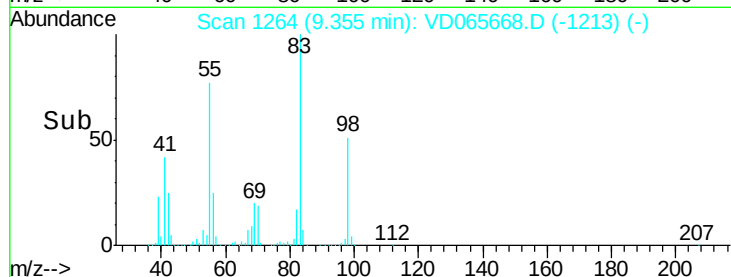
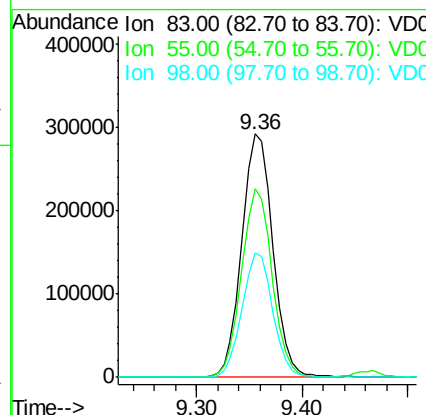
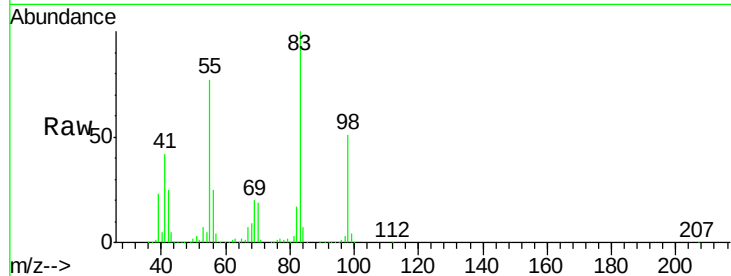
#39
Methylvlcyclohexane
Concen: 168.987 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.4	64.0	96.0	
98	50.9	39.2	58.8	

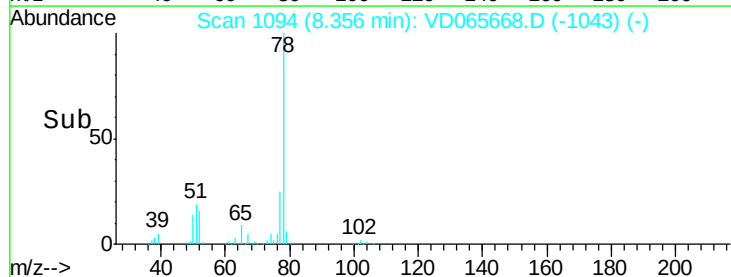
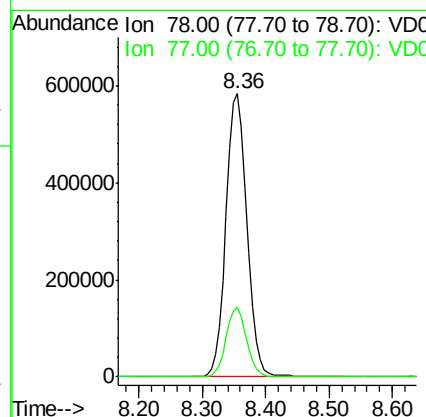
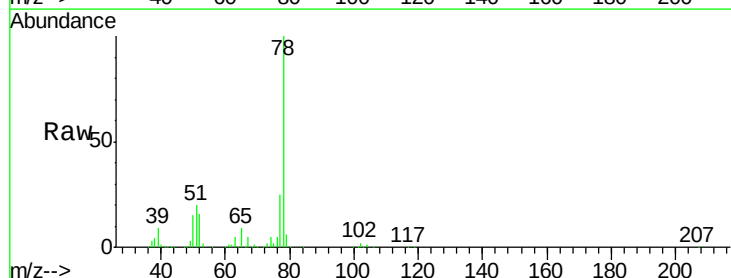
Manual Integrations
APPROVED

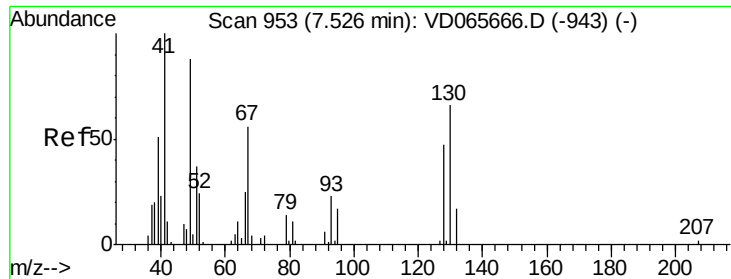
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#40
Benzene
Concen: 152.665 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.6	18.7	28.1	





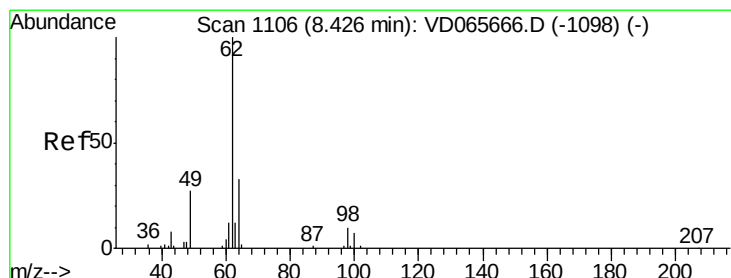
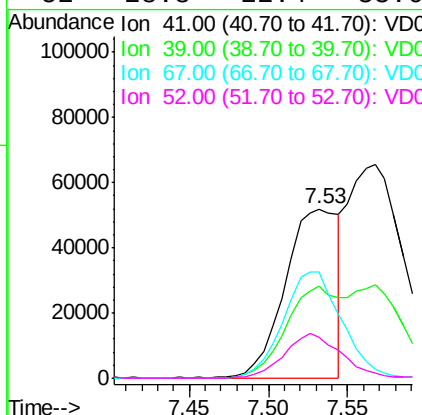
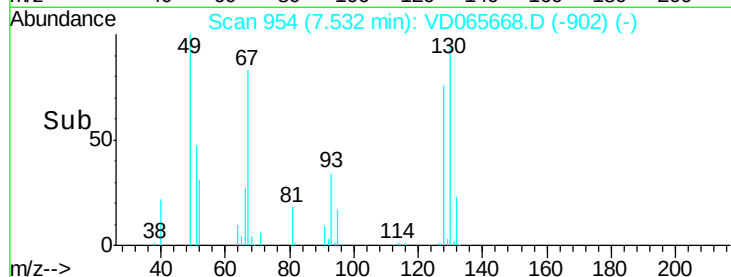
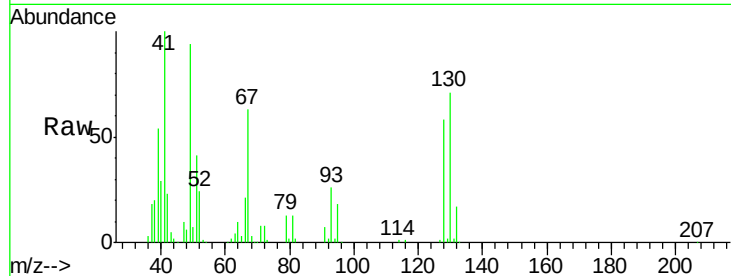
#41
Methacrylonitrile
Concen: 191.591 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		121671		
39	59.2	43.8	65.6		
67	69.3	54.4	81.6		
52	28.8	22.4	33.6		

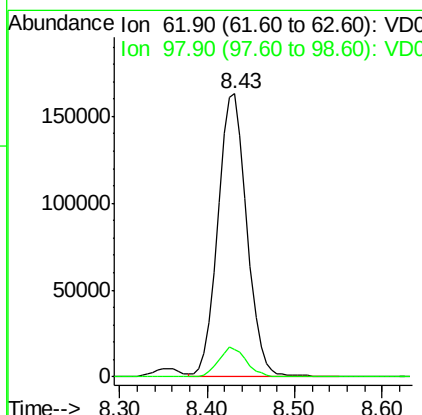
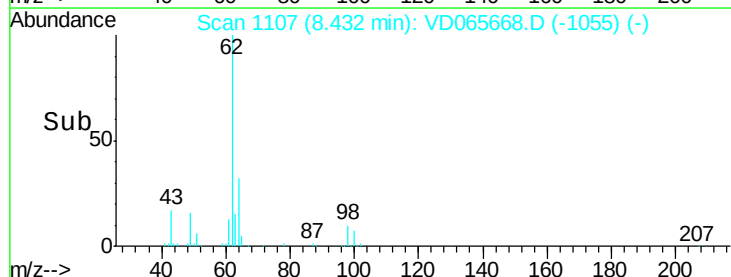
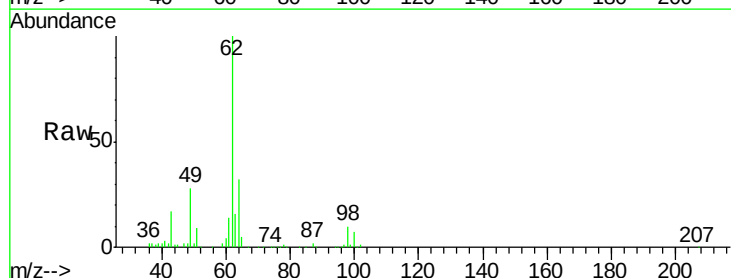
Manual Integrations
APPROVED

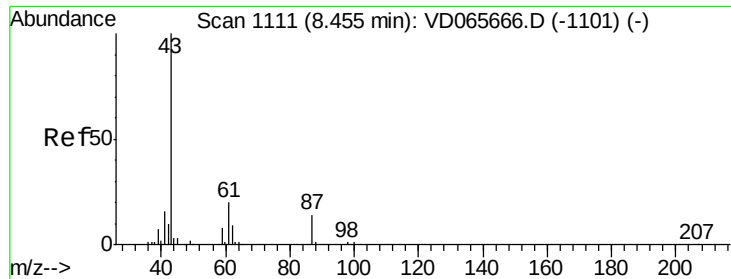
MMDadoda
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#42
1,2-Dichloroethane
Concen: 154.801 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		370387		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 173.992 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

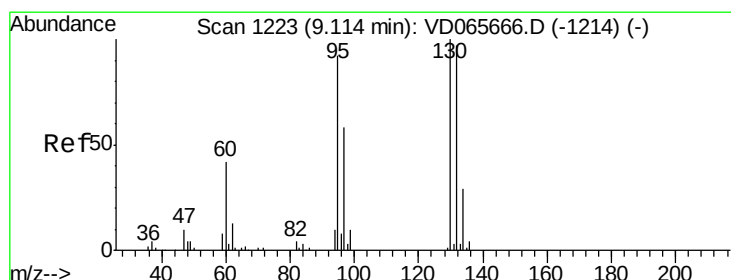
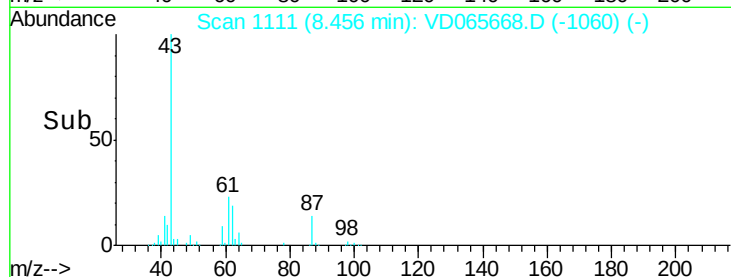
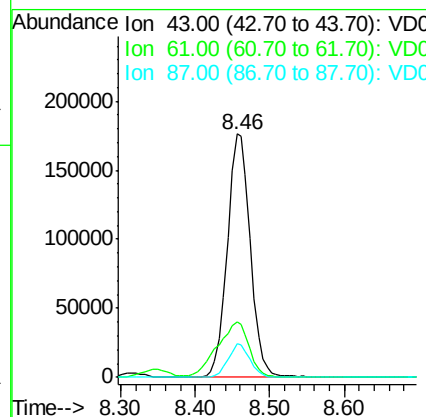
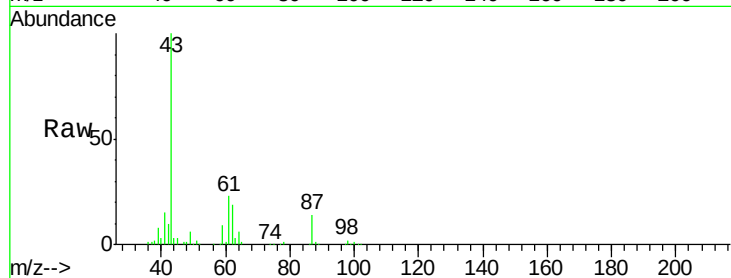
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	379045
Ion	Ratio	Lower	Upper
43	100		
61	31.4	24.7	37.1
87	13.1	10.6	16.0

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#44

Trichloroethene

Concen: 152.743 ug/l

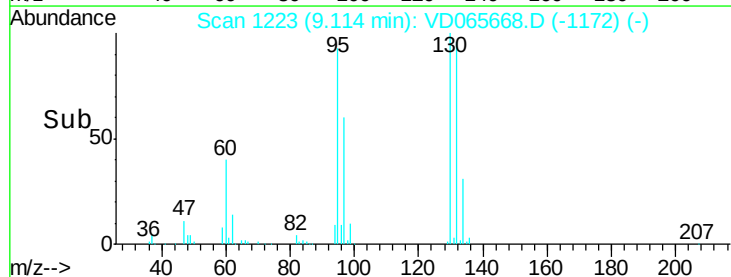
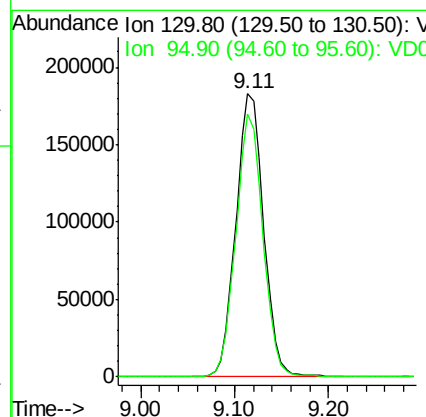
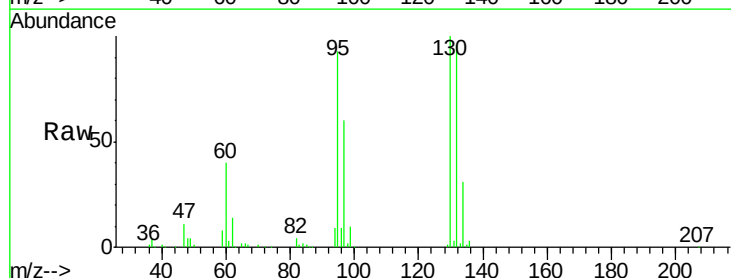
RT: 9.11 min Scan# 1223

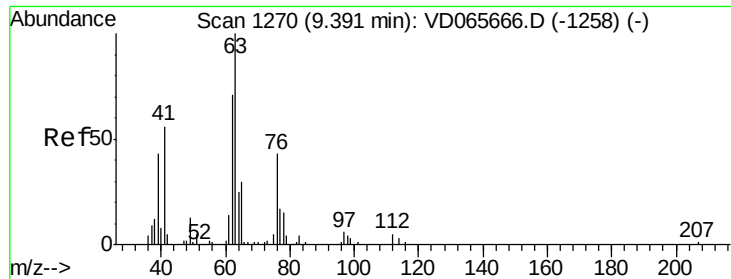
Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion:	130	Resp:	375122
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	183.2





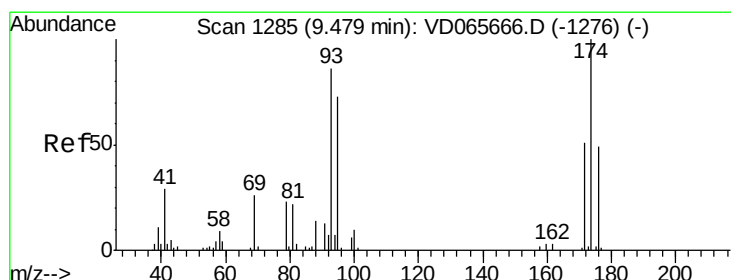
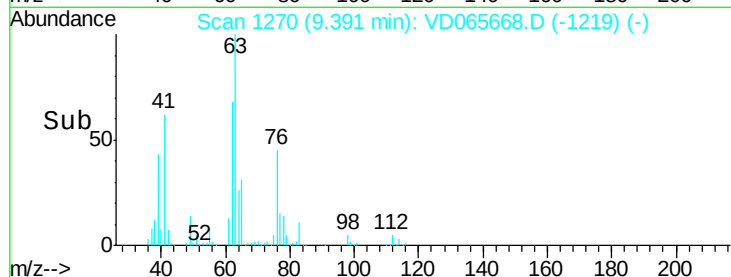
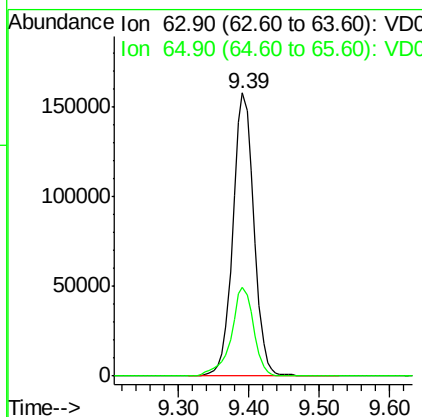
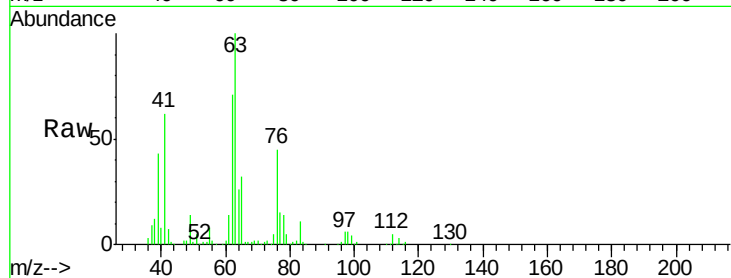
#45
 1,2-Dichloropropane
 Concen: 152.338 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.2	36.4

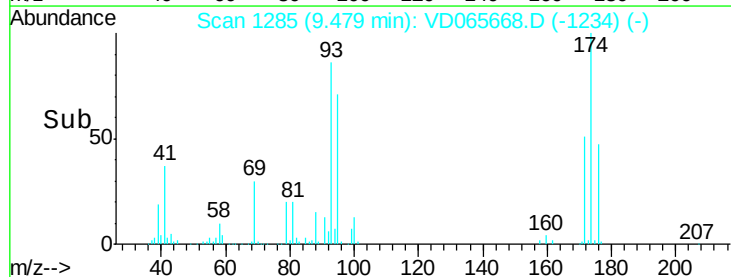
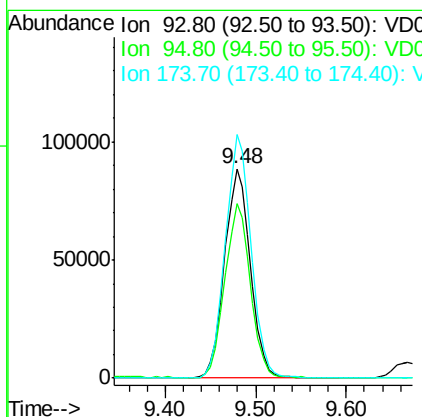
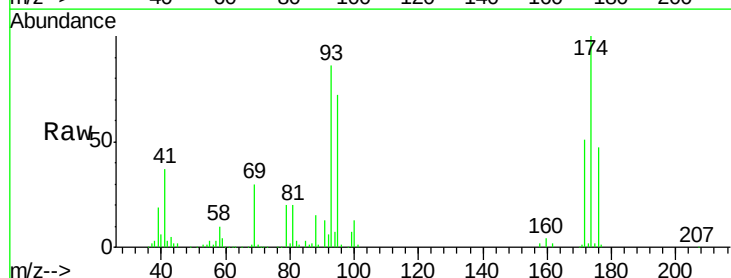
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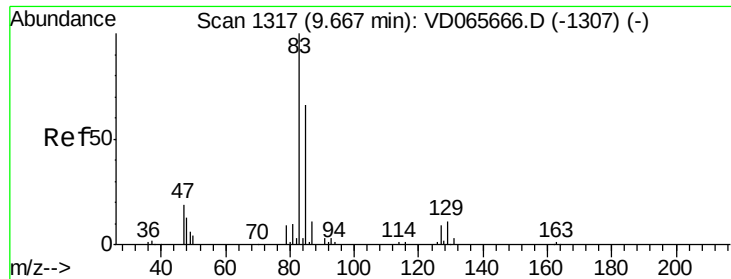
MMDadoda
 4/23/2020 1:31:47 PM



#46
 Dibromomethane
 Concen: 158.375 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.4	99.6
174	116.1	93.0	139.6





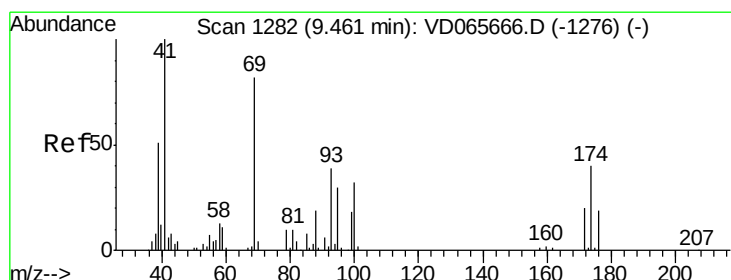
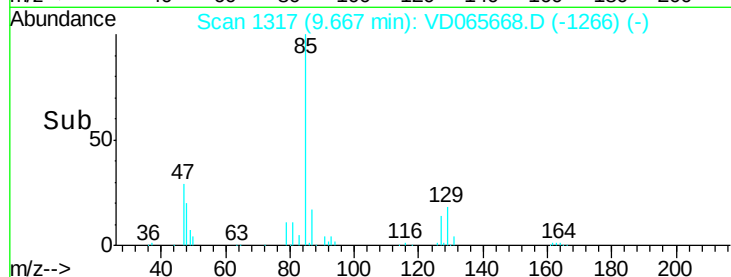
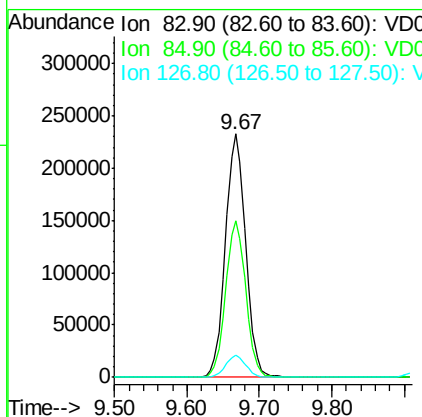
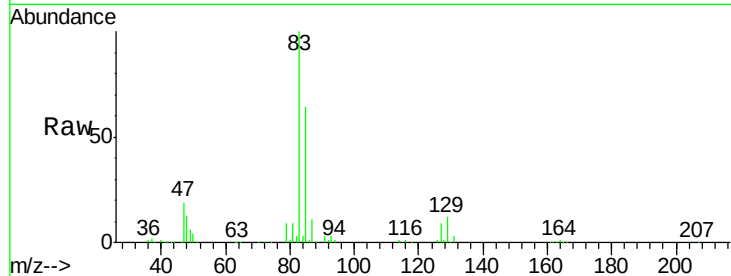
#47
 Bromodichloromethane
 Concen: 153.663 ug/l
 RT: 9.67 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	83	Resp	452405
Ion Ratio	100	Lower	Upper
85	64.2	53.2	79.8
127	9.0	7.3	10.9

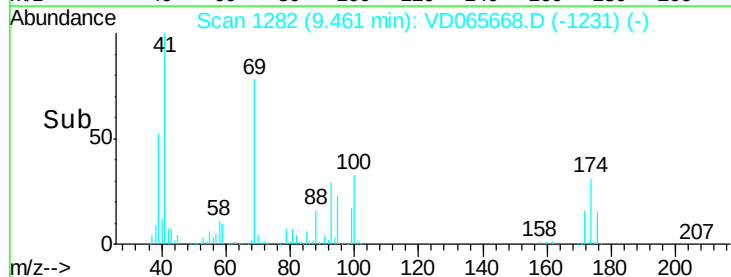
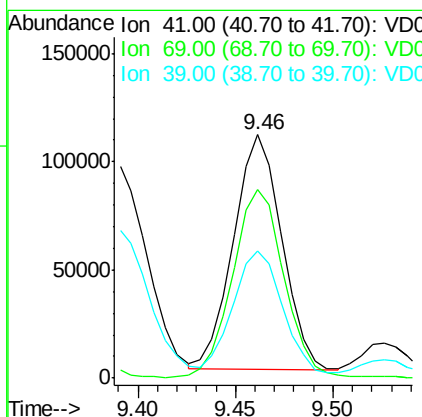
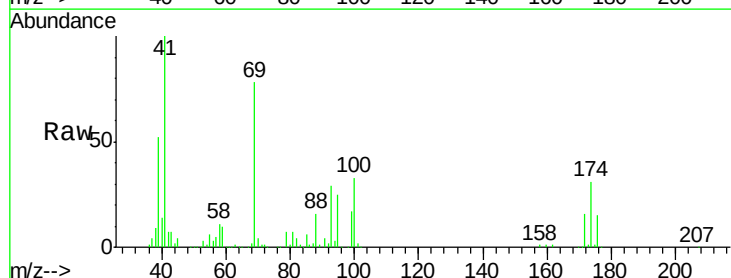
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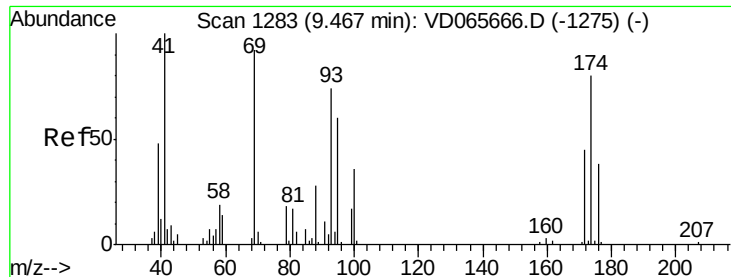
MMDadoda
 4/23/2020 1:31:47 PM



#48
 Methyl methacrylate
 Concen: 179.160 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	41	Resp	186536
Ion Ratio	100	Lower	Upper
69	86.1	69.5	104.3
39	52.6	41.6	62.4





#49

1,4-Dioxane

Concen: 3633.579 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 88 Resp: 44439

Ion Ratio Lower Upper

88 100

43 34.1 31.3 46.9

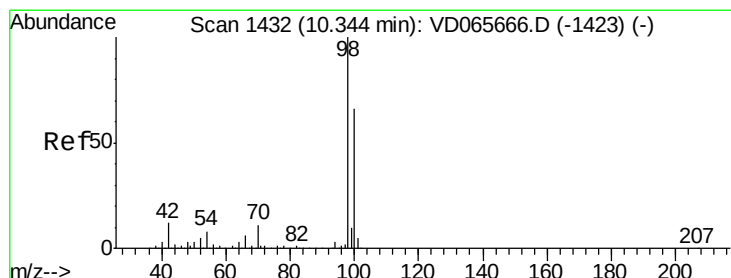
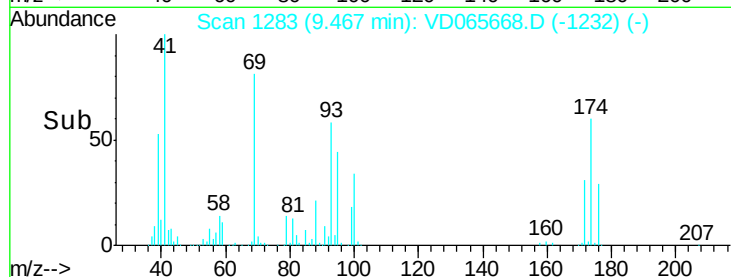
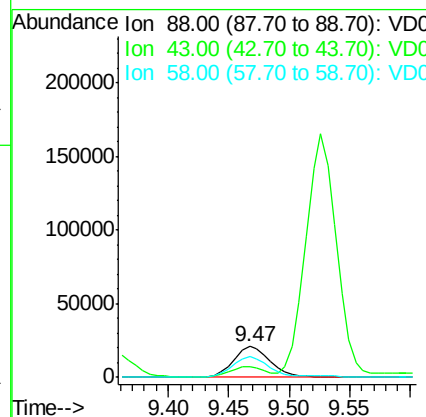
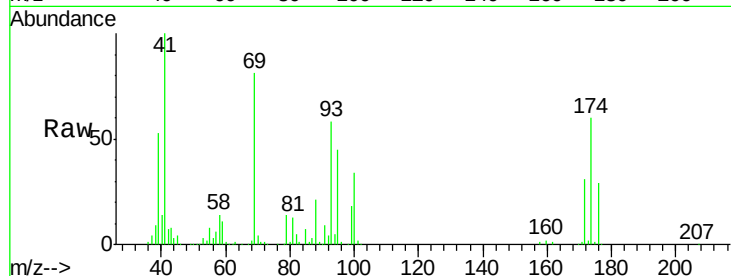
58 67.2 58.0 87.0

Manual Integrations

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#50

Toluene-d8

Concen: 145.587 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065668.D

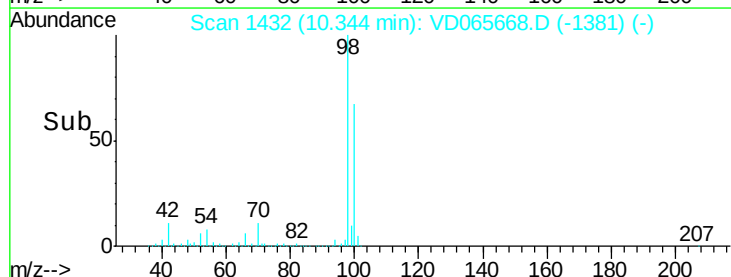
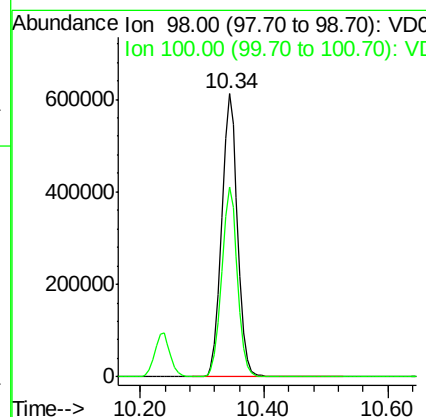
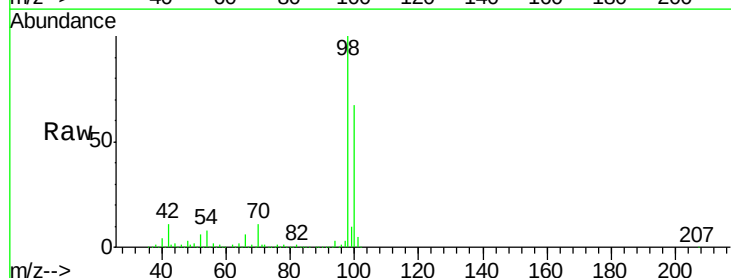
Acq: 22 Apr 2020 16:28

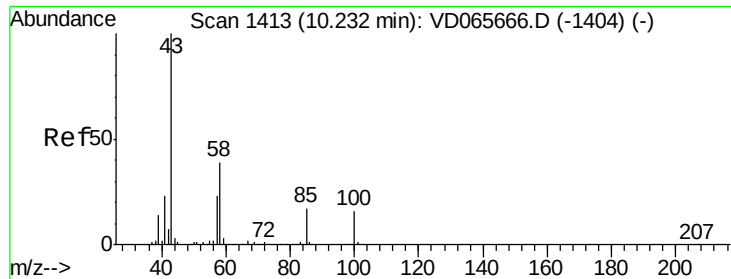
Tgt Ion: 98 Resp: 1086473

Ion Ratio Lower Upper

98 100

100 66.8 52.8 79.2





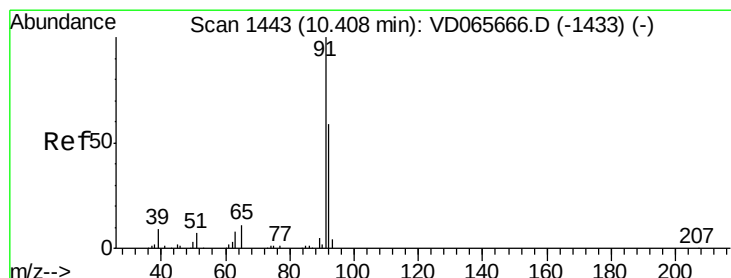
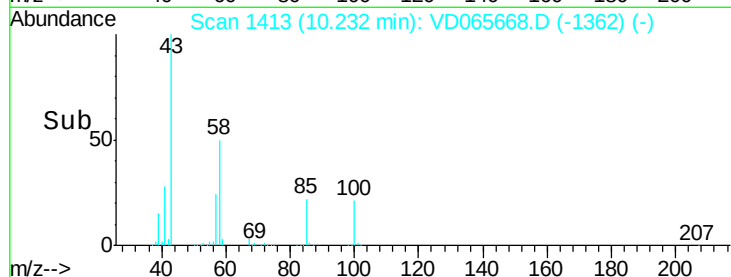
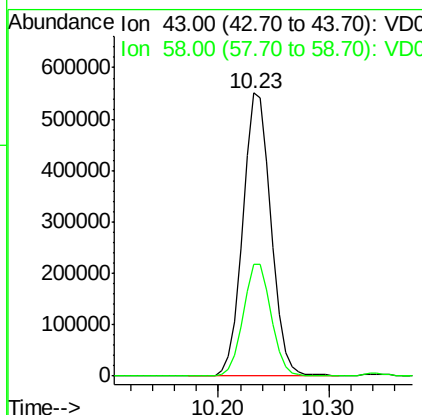
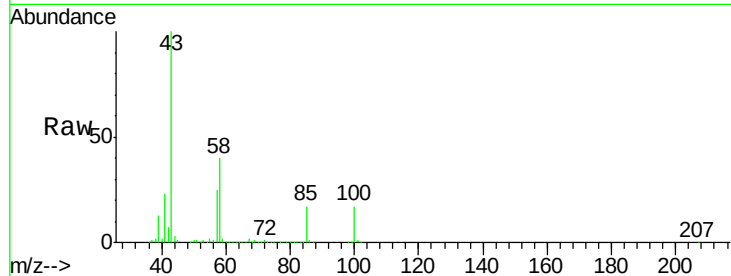
#51
 4-Methyl-2-Pentanone
 Concen: 896.743 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 989560
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.1 46.7

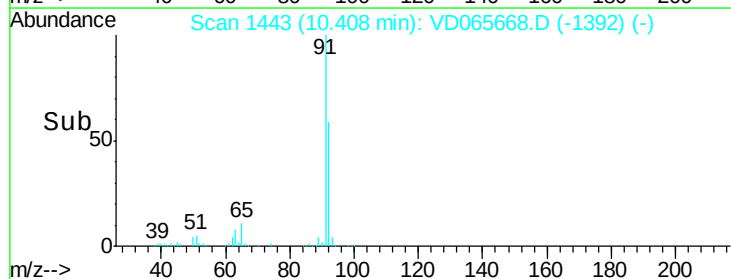
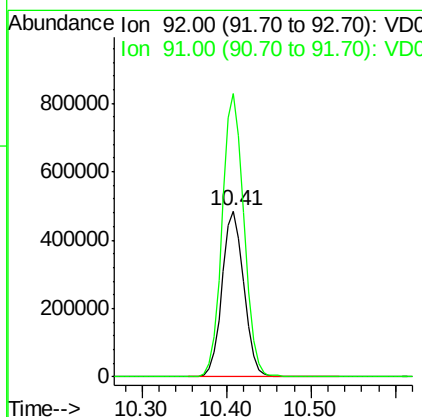
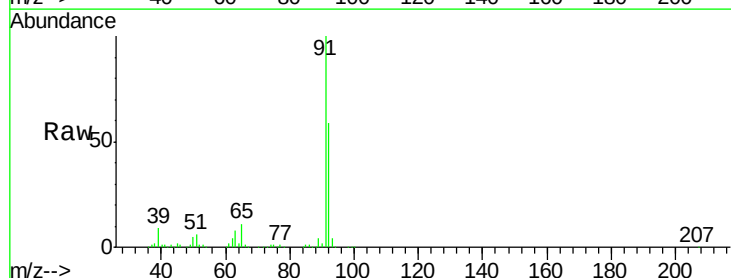
Manual Integrations
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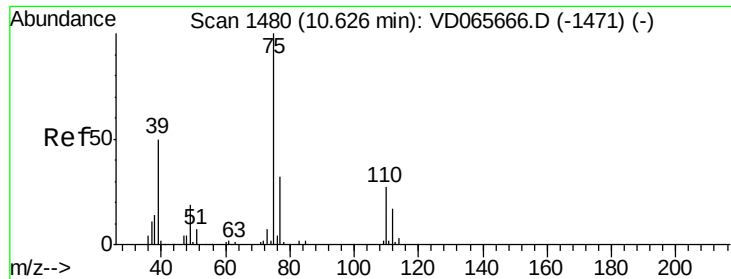
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#52
 Toluene
 Concen: 159.760 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 92 Resp: 864326
 Ion Ratio Lower Upper
 92 100
 91 170.7 135.9 203.9





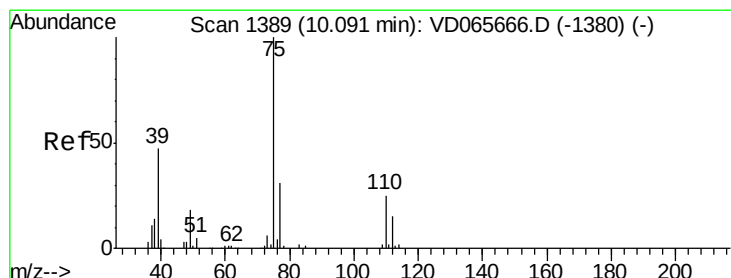
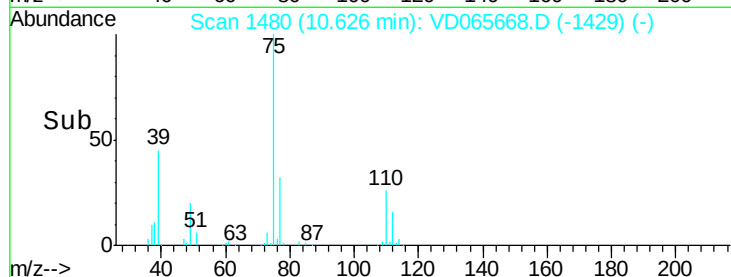
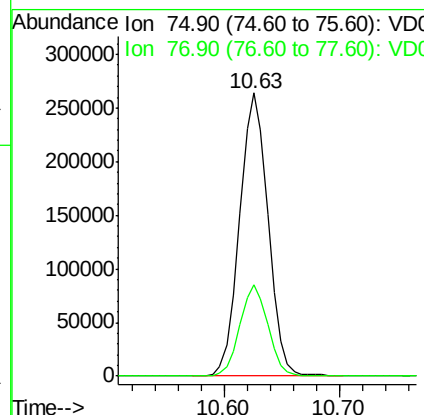
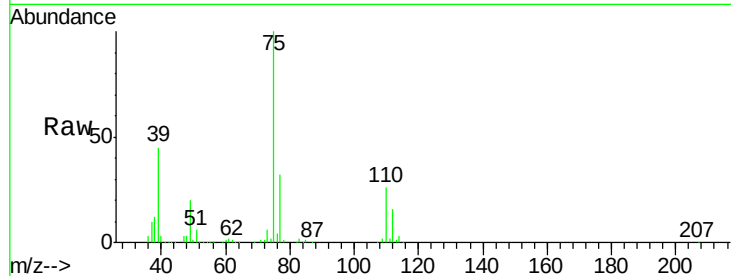
#53
t-1,3-Dichloropropene
Concen: 168.718 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 450821
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8

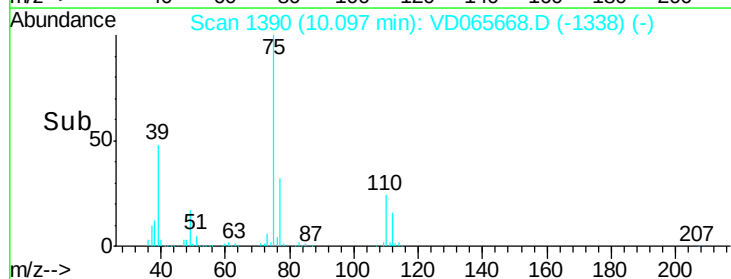
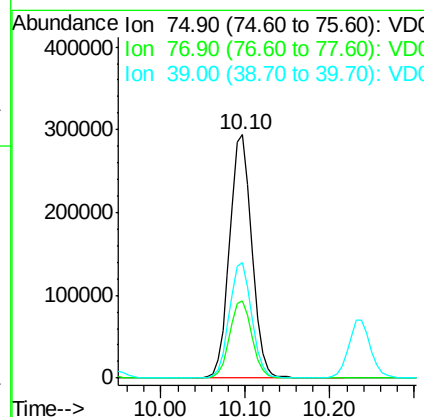
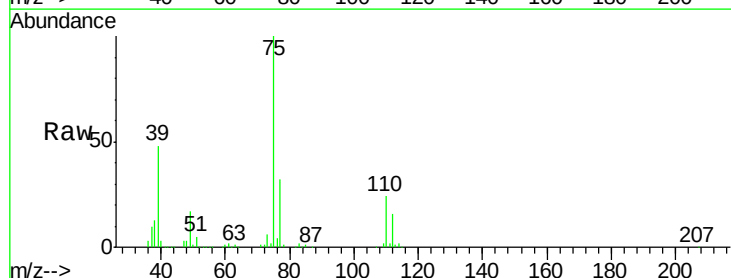
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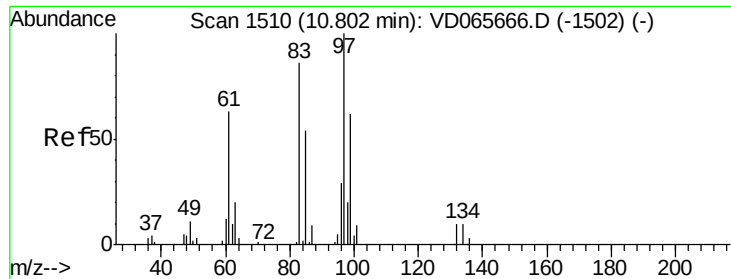
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#54
cis-1,3-Dichloropropene
Concen: 162.799 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 75 Resp: 532031
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 47.7 37.9 56.9





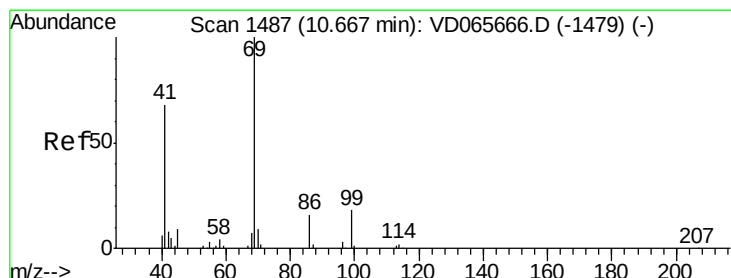
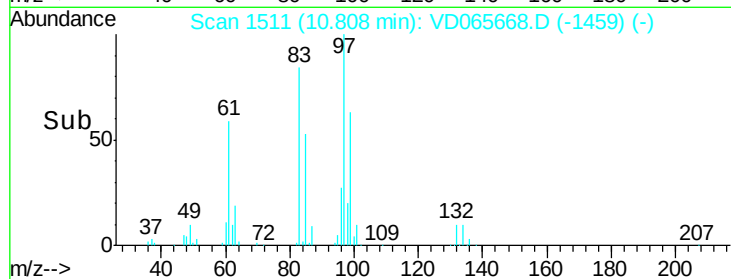
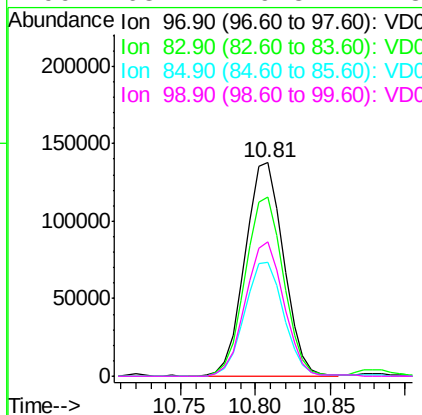
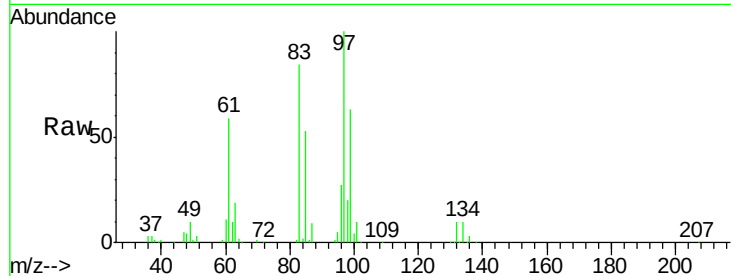
#55
 1,1,2-Trichloroethane
 Concen: 159.384 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	247264
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.5	102.7
85	53.1	43.0	64.6
99	63.1	49.8	74.8

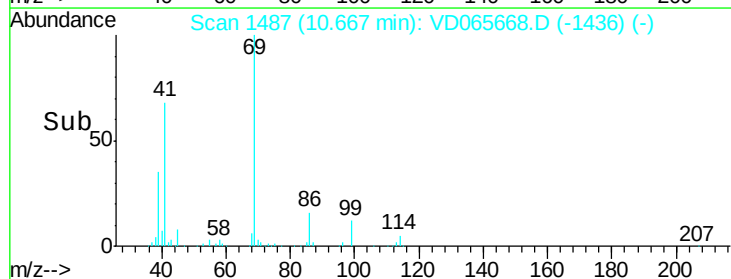
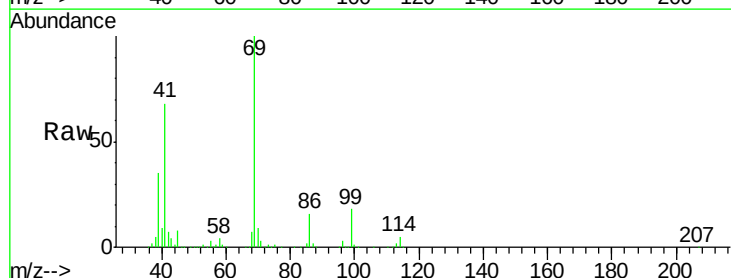
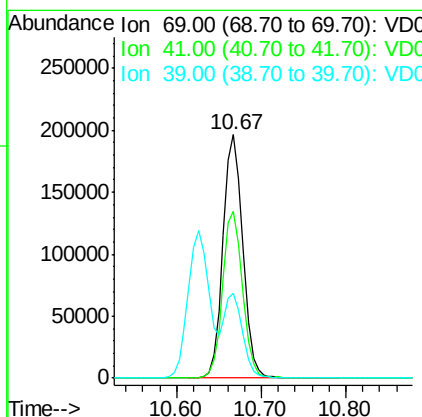
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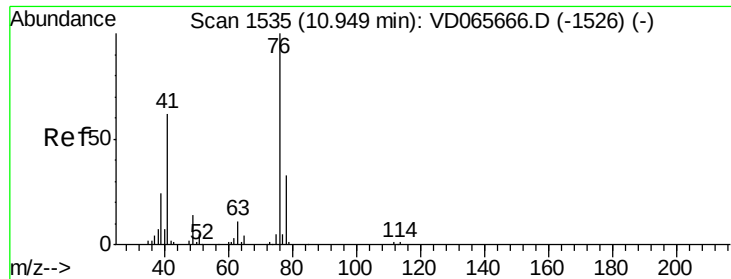
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 4/23/2020 1:31:47 PM



#56
 Ethyl methacrylate
 Concen: 191.833 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion:	69	Resp:	319358
Ion	Ratio	Lower	Upper
69	100		
41	69.5	58.3	87.5
39	32.7	29.5	44.3





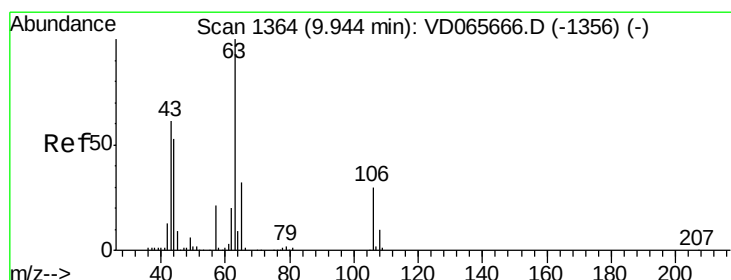
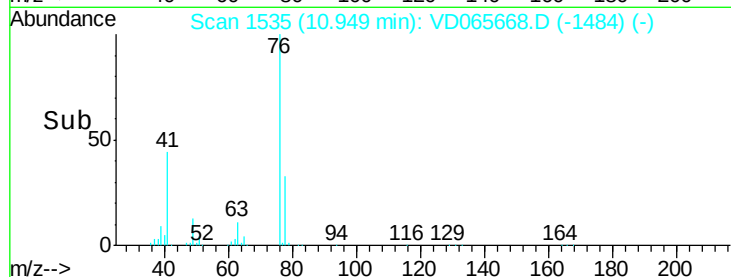
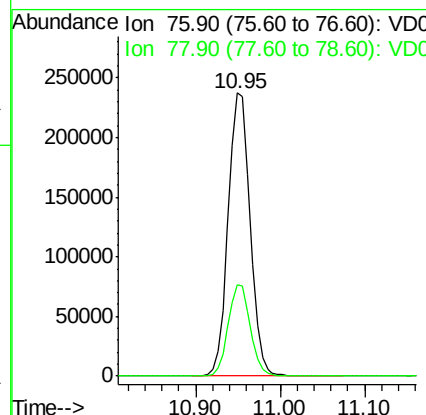
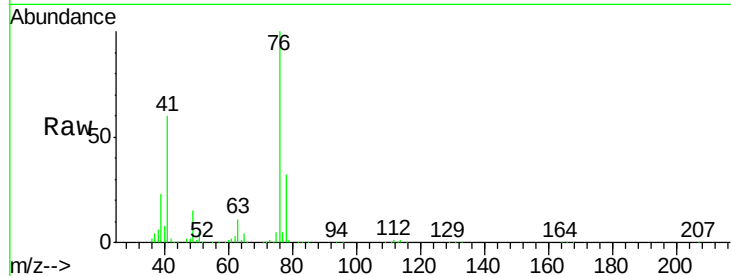
#57
 1,3-Dichloropropane
 Concen: 161.208 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 425909
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

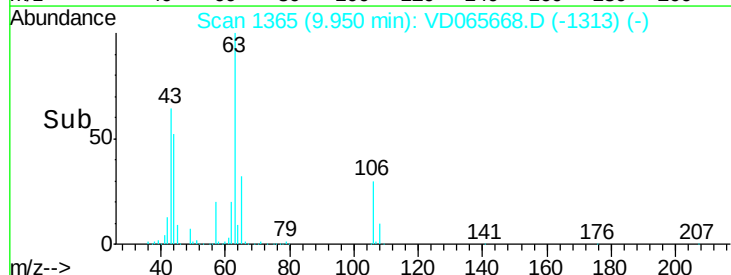
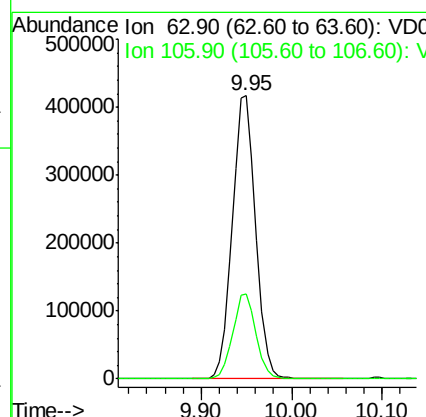
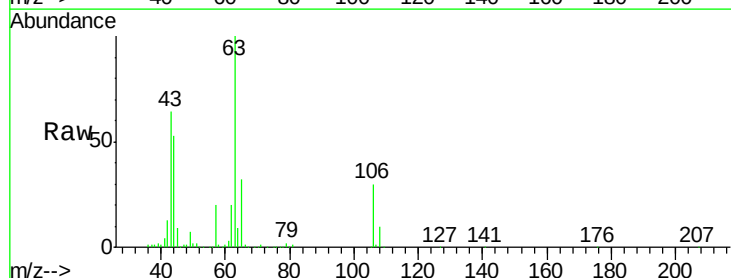
Manual Integrations
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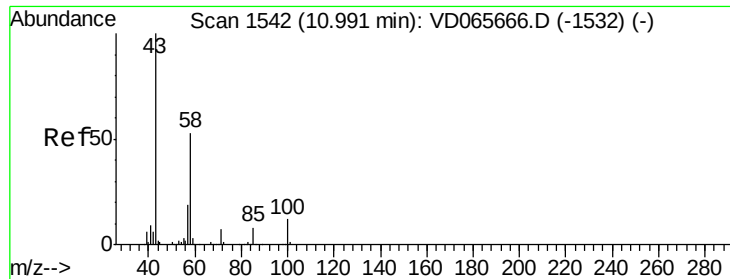
MMDadoda
 4/23/2020 1:31:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 848.559 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 63 Resp: 746830
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.7 35.5





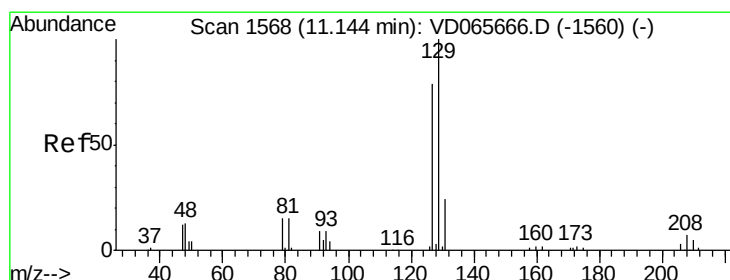
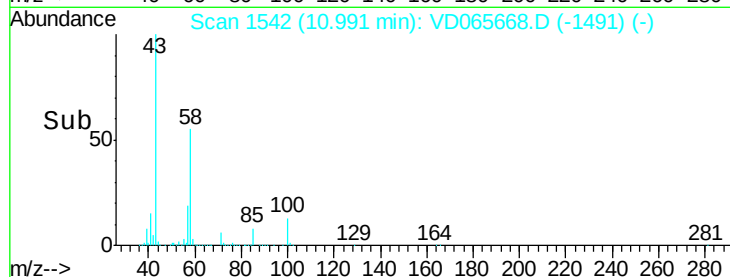
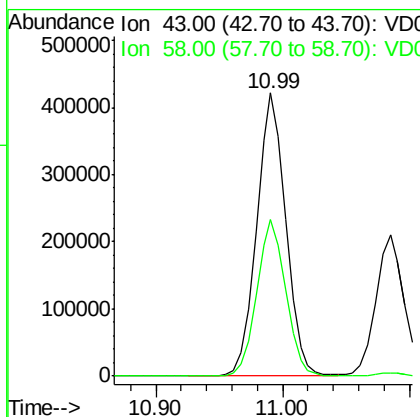
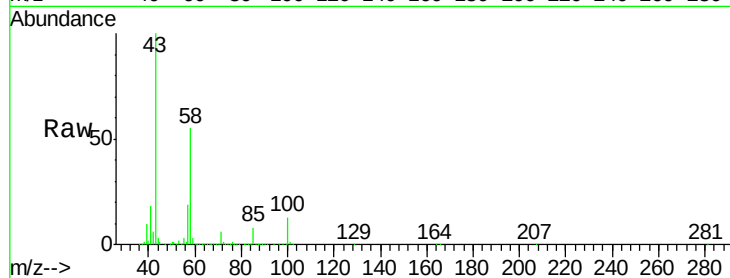
#59
2-Hexanone
Concen: 901.128 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 674689
Ion Ratio Lower Upper
43 100
58 55.0 26.3 78.9

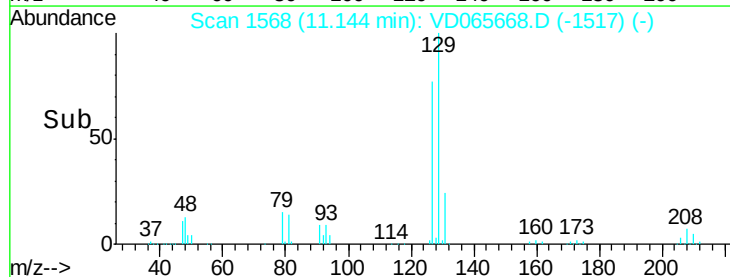
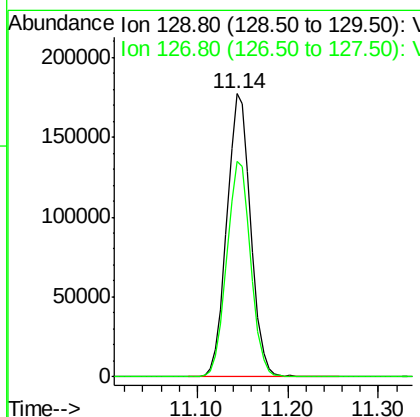
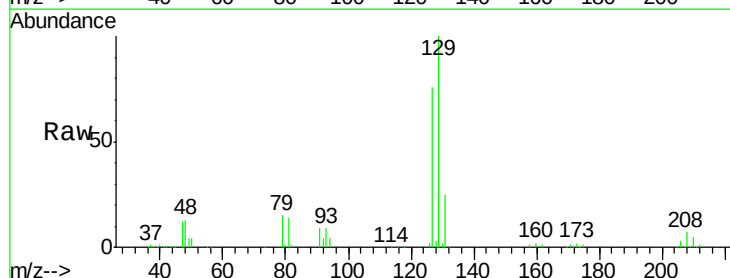
Manual Integrations
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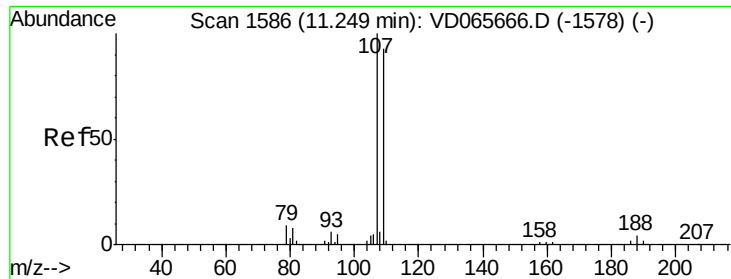
MMDadoda
4/23/2020 1:31:47 PM



#60
Dibromochloromethane
Concen: 156.762 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 129 Resp: 323082
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





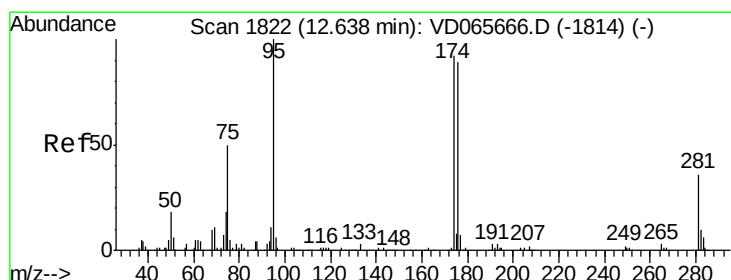
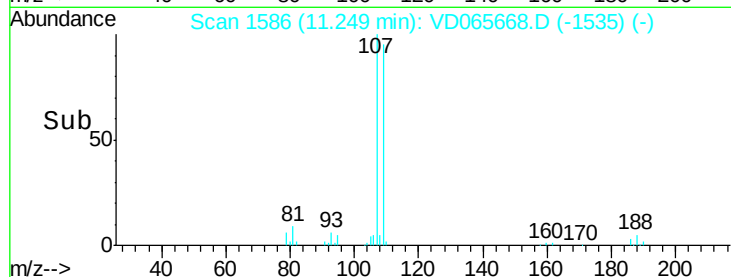
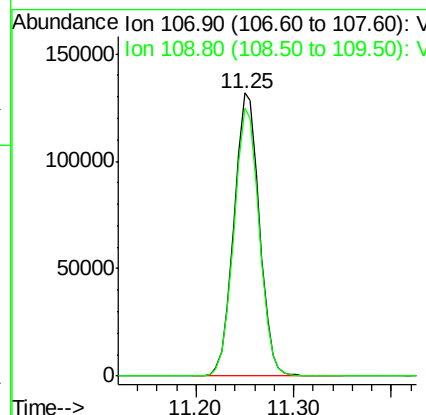
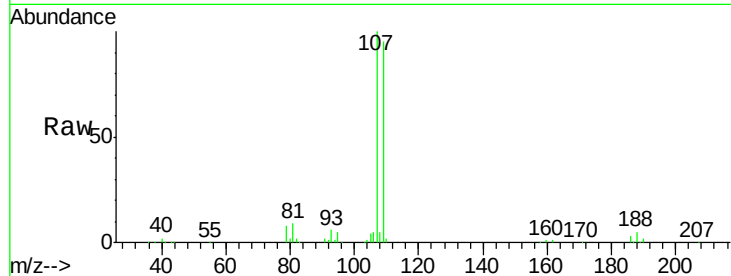
#61
 1,2-Dibromoethane
 Concen: 158.108 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	237290		
109	94.6	76.4	114.6	

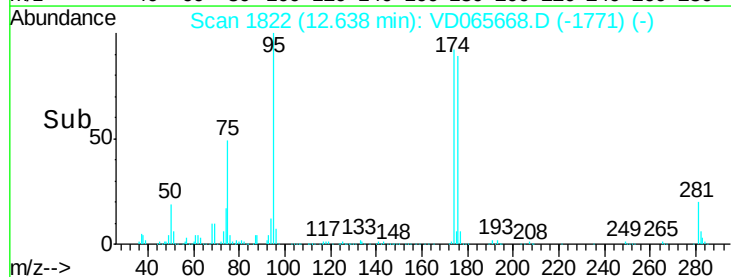
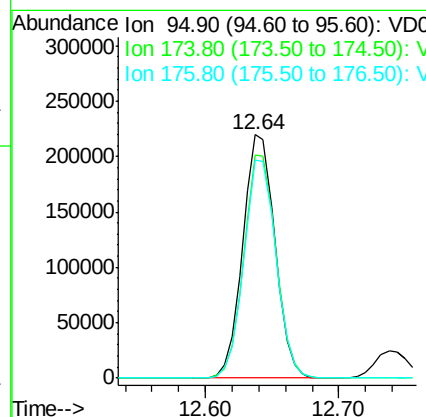
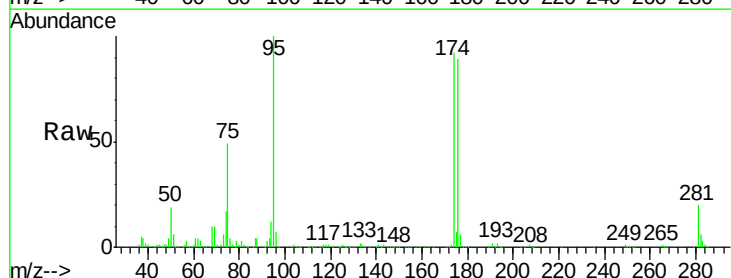
Manual Integrations
 APPROVED

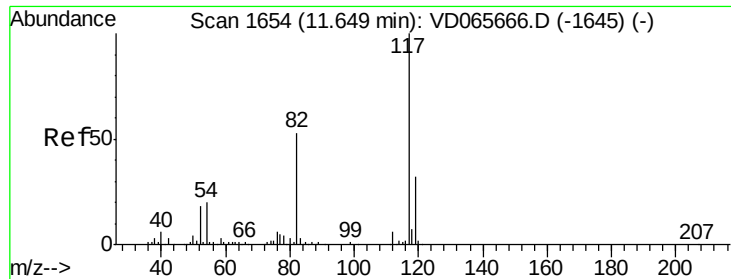
MMDadoda
 4/23/2020 1:31:47 PM



#62
 4-Bromofluorobenzene
 Concen: 148.531 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	365126		
174	91.8	0.0	186.4	
176	89.6	0.0	178.4	





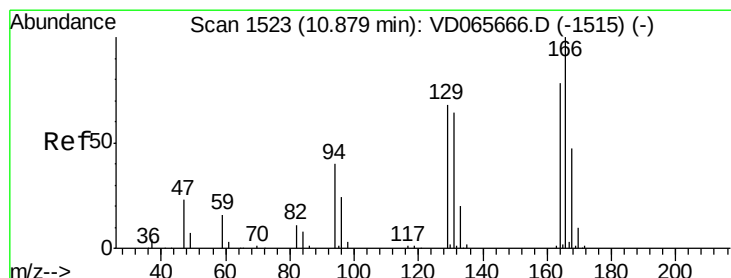
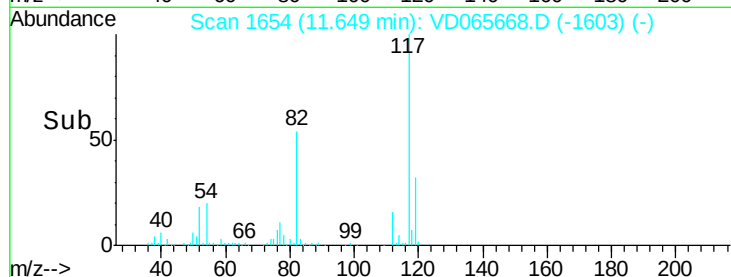
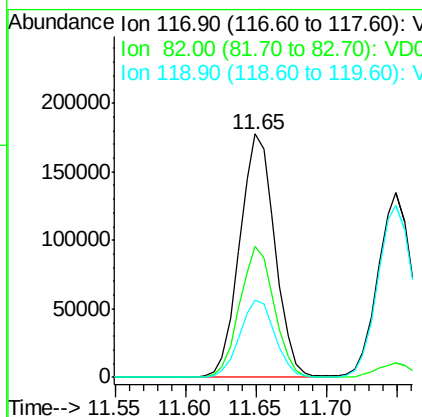
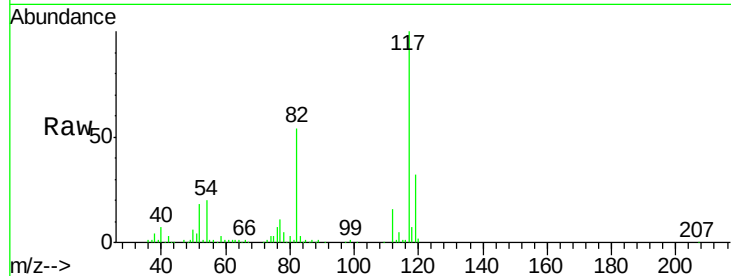
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.7	64.1
119	31.6	25.9	38.9

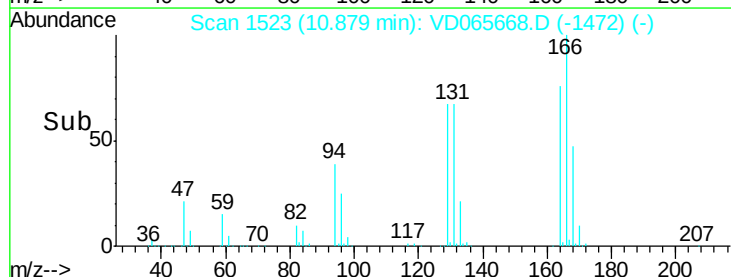
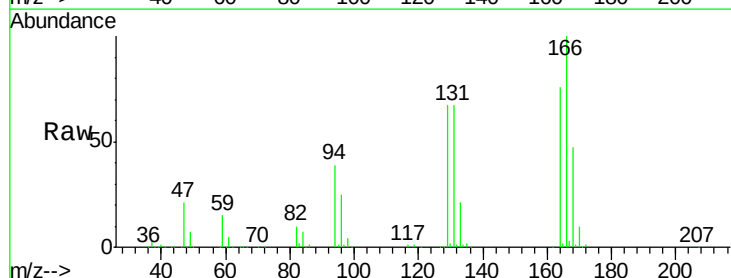
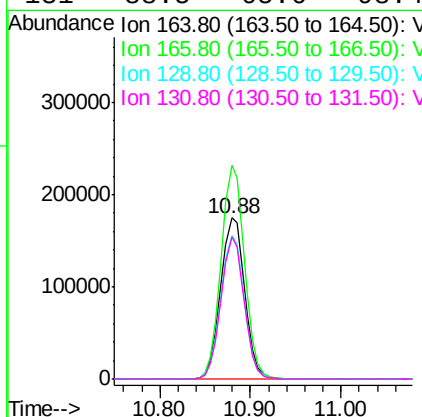
Manual Integrations
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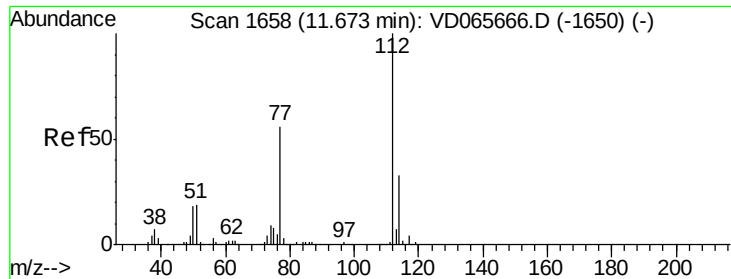
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#64
Tetrachloroethene
Concen: 150.479 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	102.0	153.0
129	89.1	69.3	103.9
131	88.5	65.6	98.4





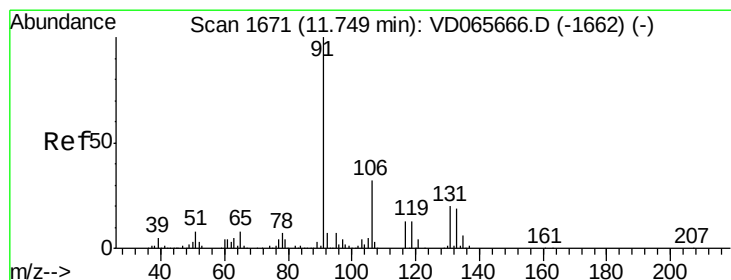
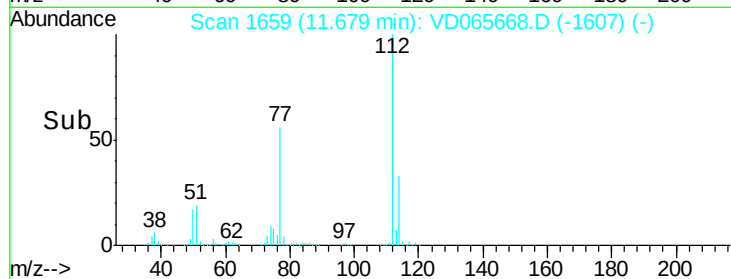
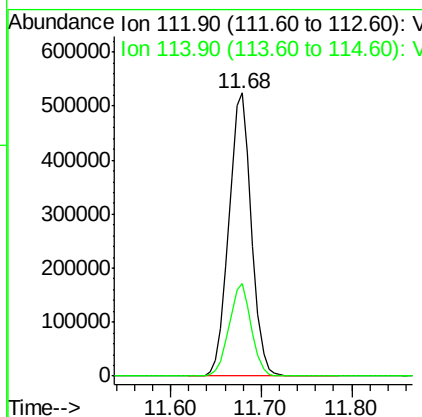
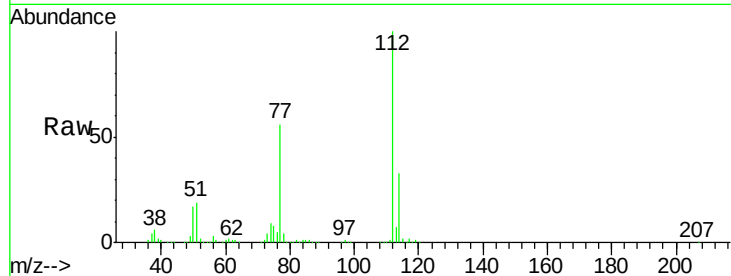
#65
Chlorobenzene
Concen: 152.287 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.2

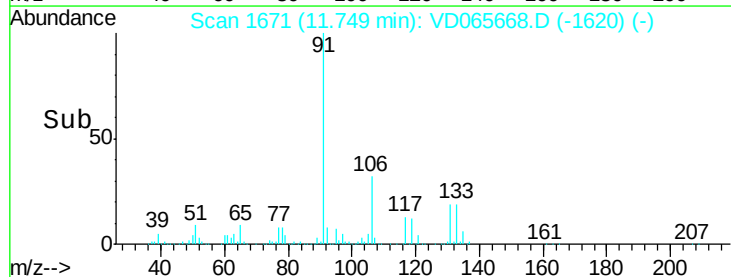
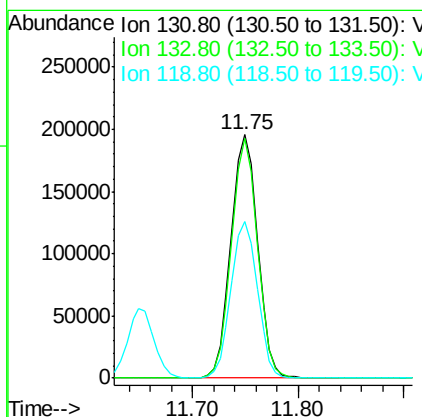
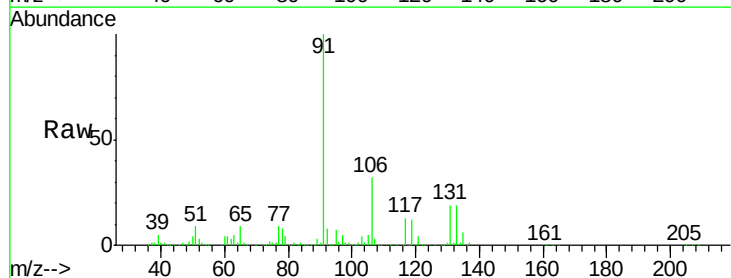
Manual Integrations
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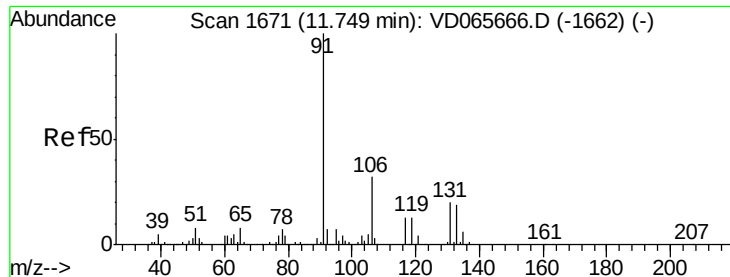
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#66
1,1,1,2-Tetrachloroethane
Concen: 150.828 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.6	145.8
119	64.1	32.3	96.9





#67

Ethyl Benzene

Concen: 161.694 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1641155

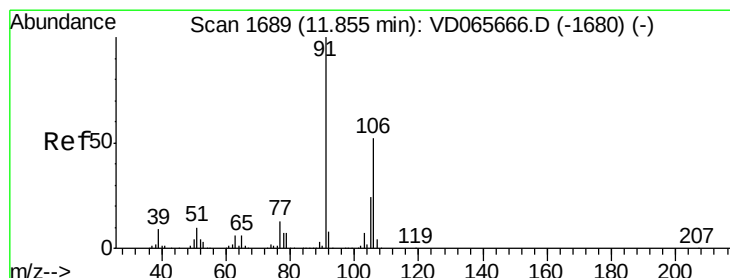
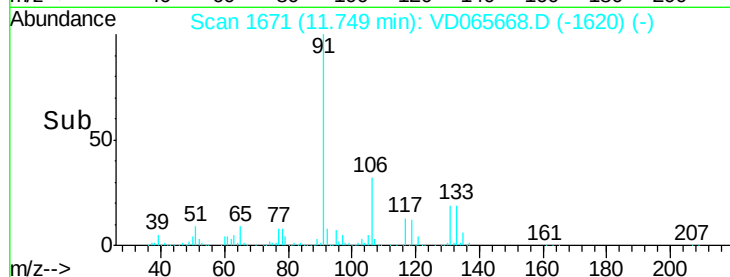
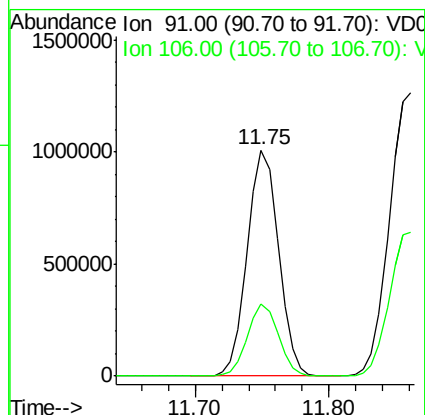
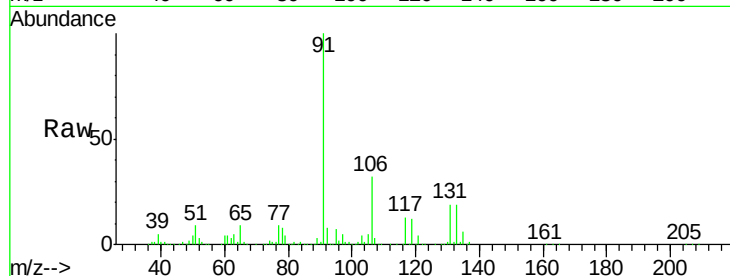
Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 320.189 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065668.D

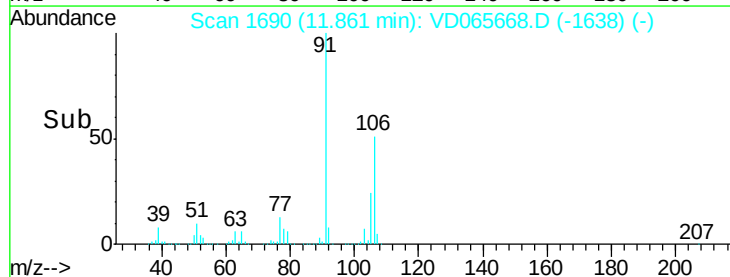
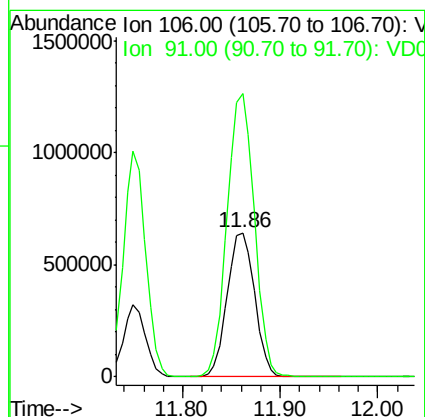
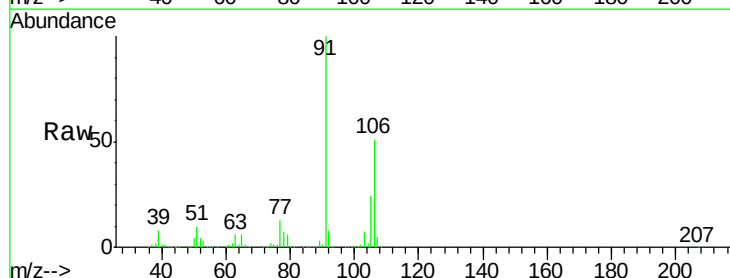
Acq: 22 Apr 2020 16:28

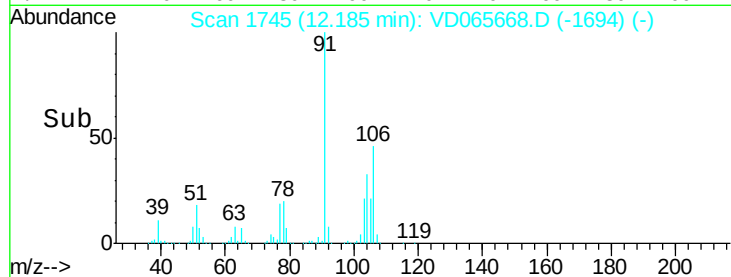
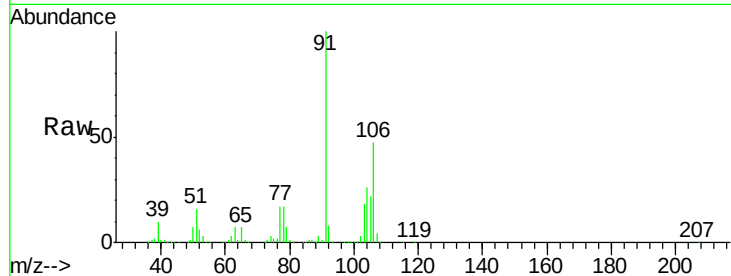
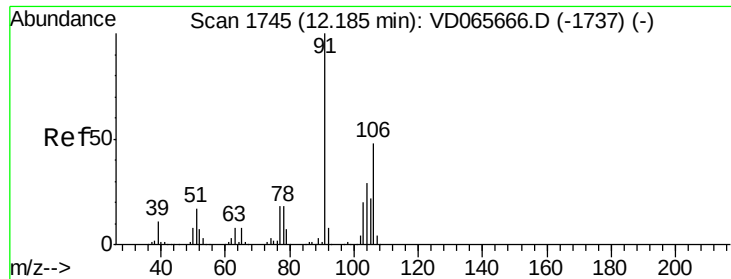
Tgt Ion: 106 Resp: 1257116

Ion Ratio Lower Upper

106 100

91 195.4 155.8 233.6





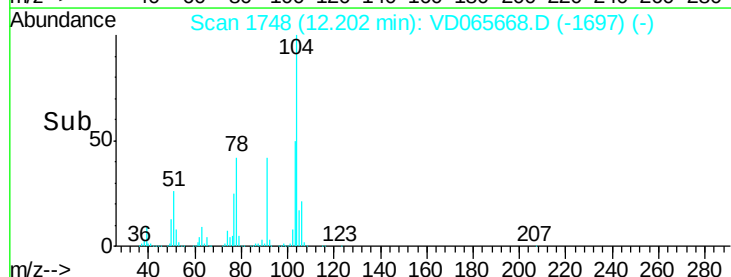
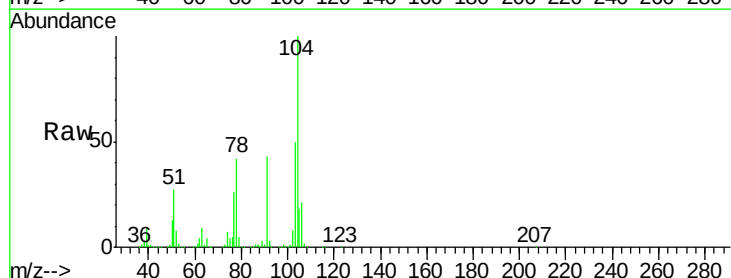
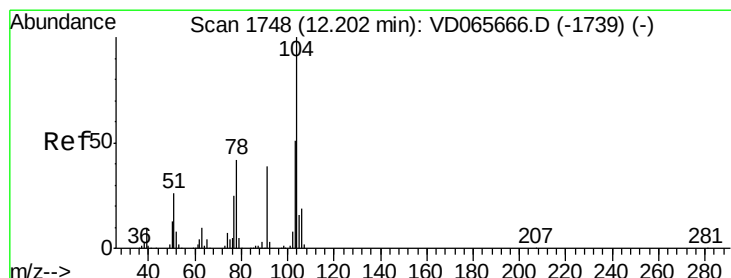
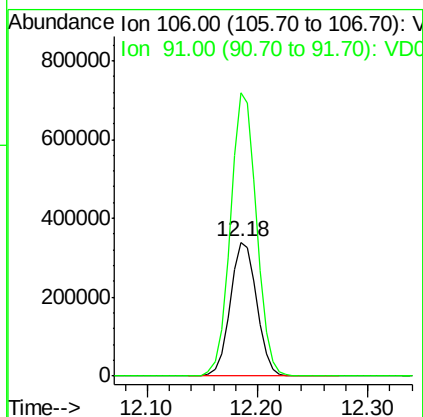
#69
o-Xylene
Concen: 167.681 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tot Ion:106 Resp: 573507
Ion Ratio Lower Upper
106 100
91 207.8 103.6 310.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

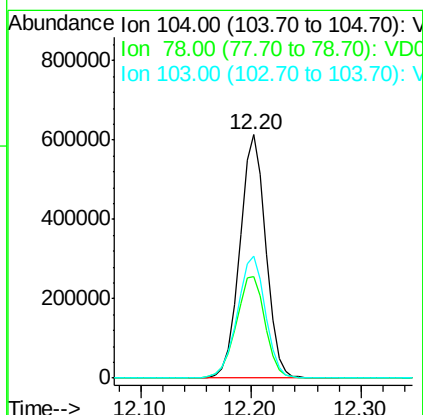
Manual Integrations
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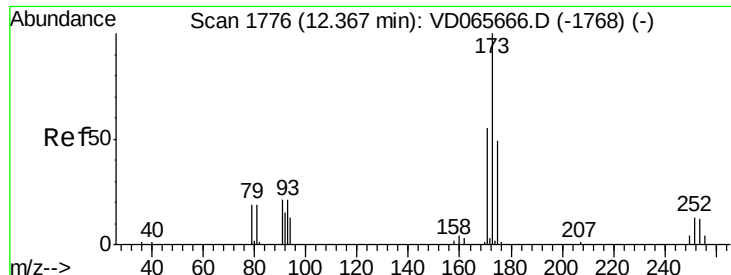
MMDadoda
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#70
Styrene
Concen: 167.068 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:104 Resp: 1012536
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 54.1 43.6 65.4





#71

Bromoform

Concen: 156.619 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

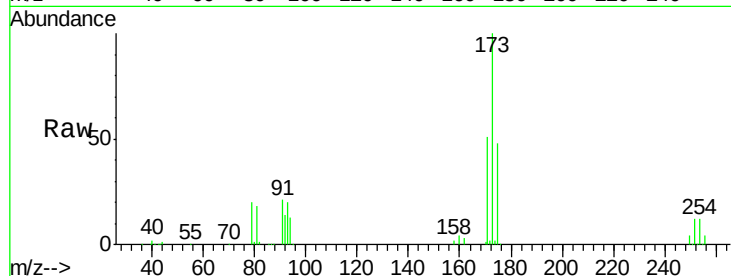
ClientSampleId :

VSTDIC150

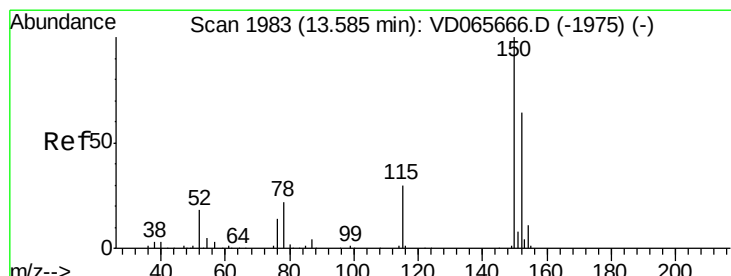
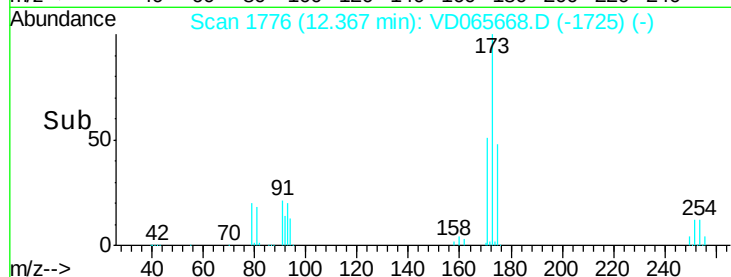
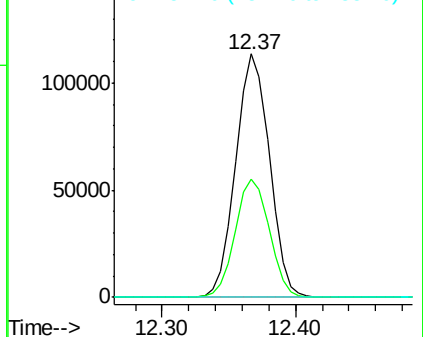
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.7
254	0.2	0.0	0.0

Manual Integrations
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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

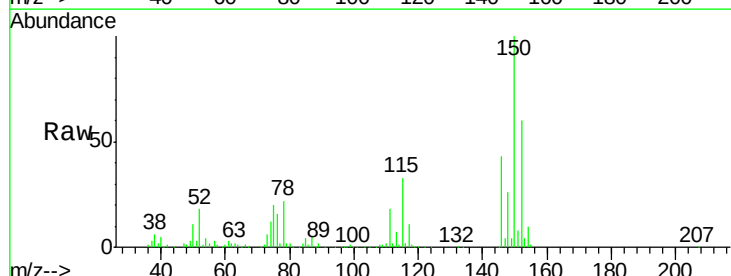
RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

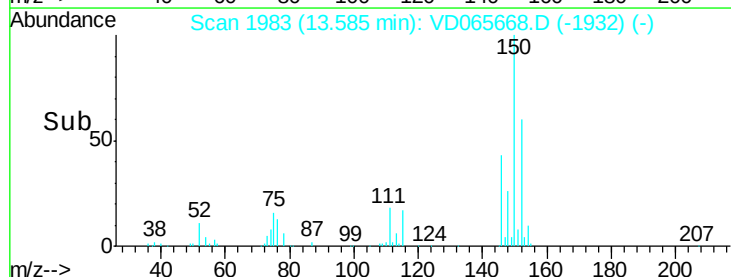
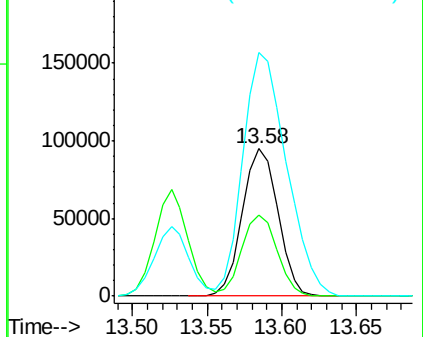
Lab File: VD065668.D

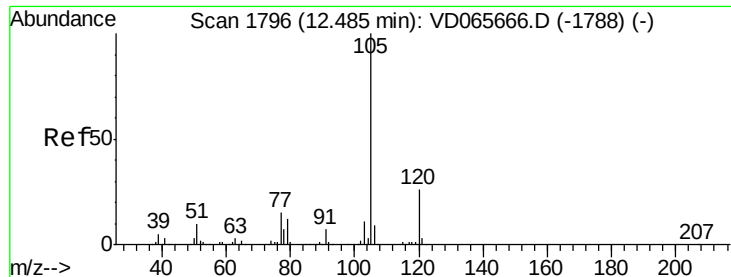
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.4	82.0
150	202.6	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: 168.494 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1543114

Ion Ratio Lower Upper

105 100

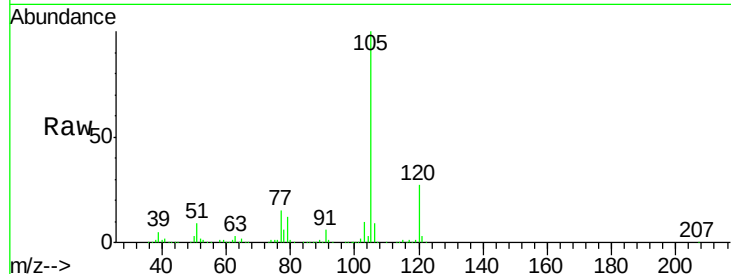
120 26.9 13.4 40.2

Manual Integrations

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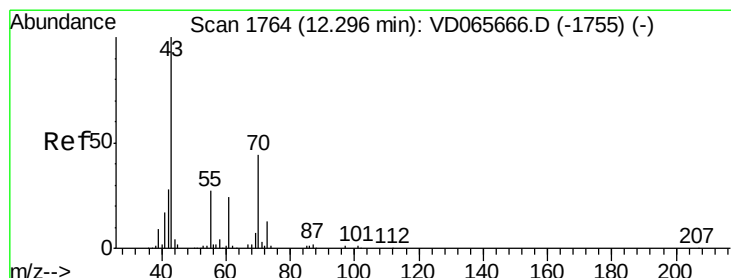
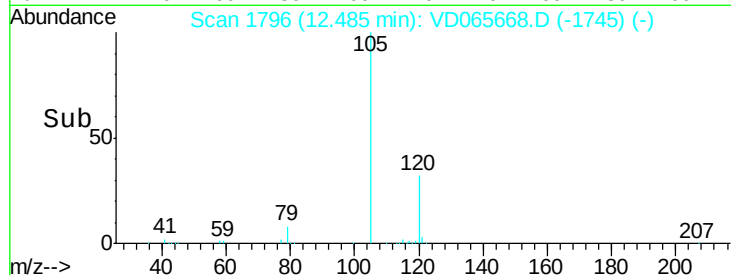
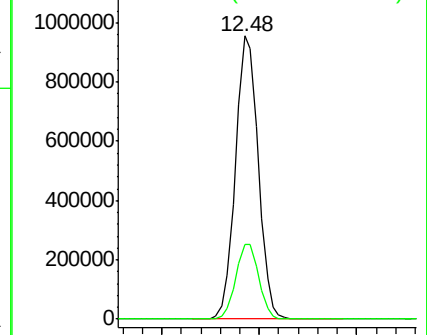
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 182.636 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion: 43 Resp: 352389

Ion Ratio Lower Upper

43 100

70 43.4 34.6 51.8

55 25.6 22.3 33.5

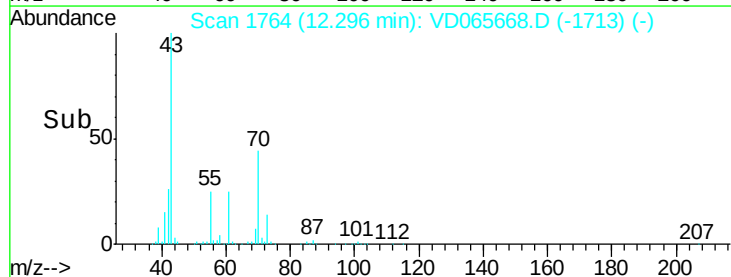
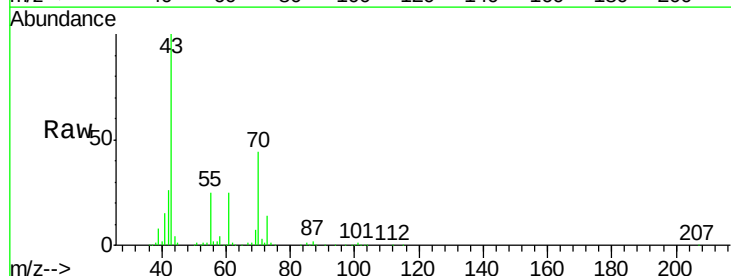
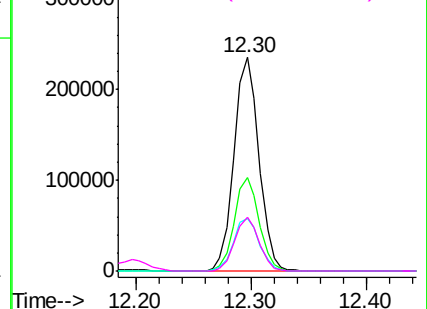
61 24.7 19.1 28.7

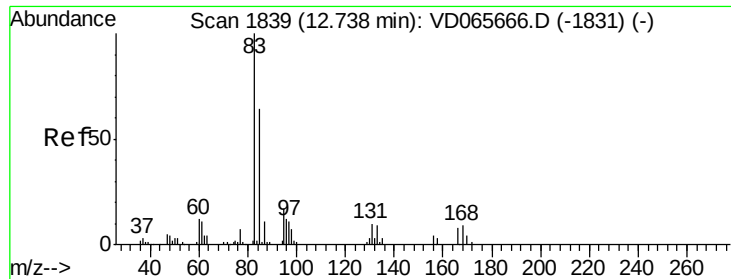
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 156.228 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

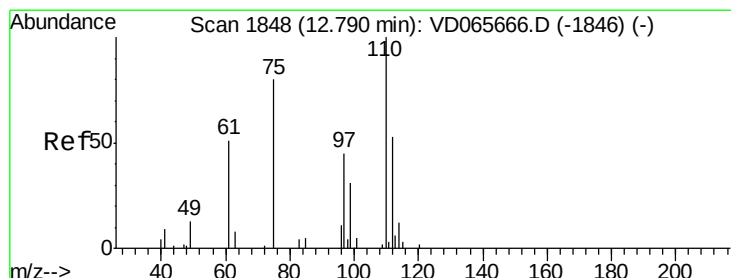
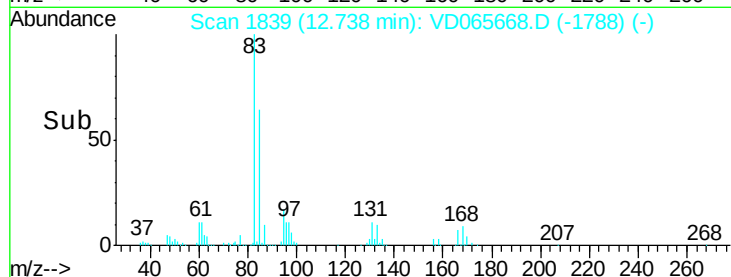
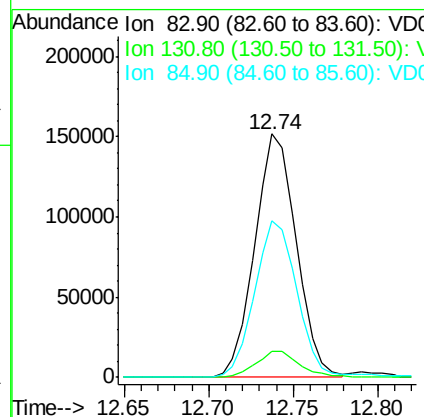
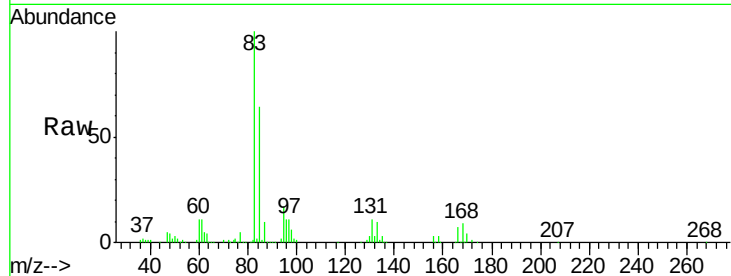
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	259004
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	66.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 151.864 ug/l m

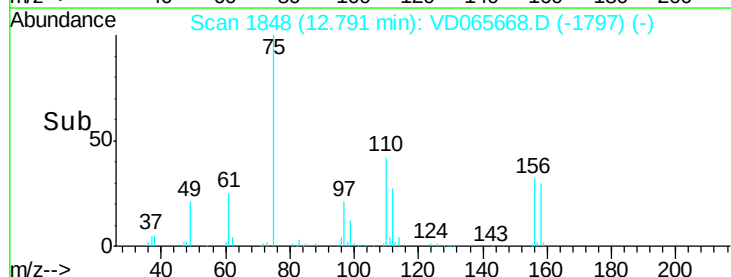
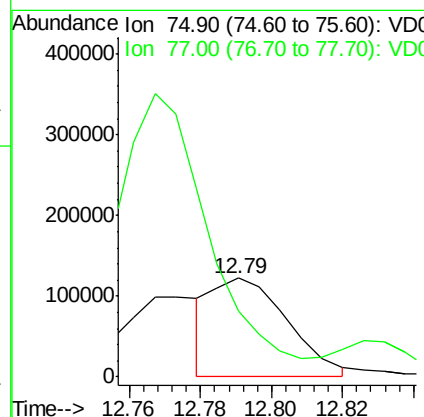
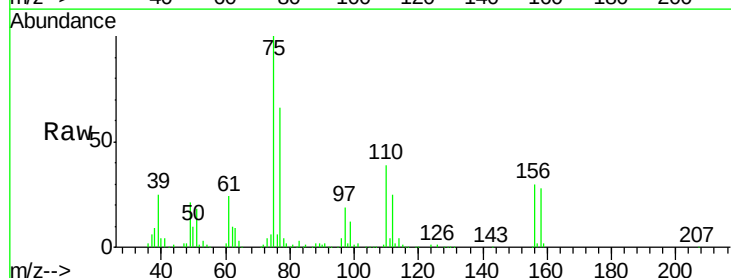
RT: 12.79 min Scan# 1848

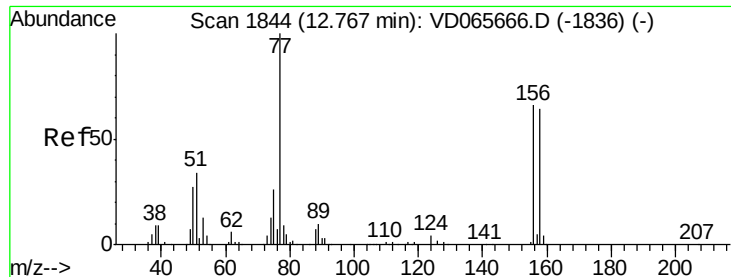
Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion:	75	Resp:	179940
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 159.216 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

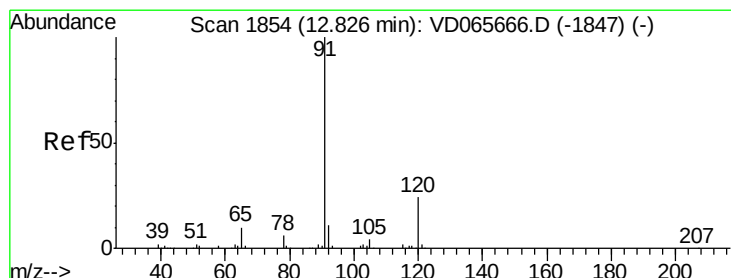
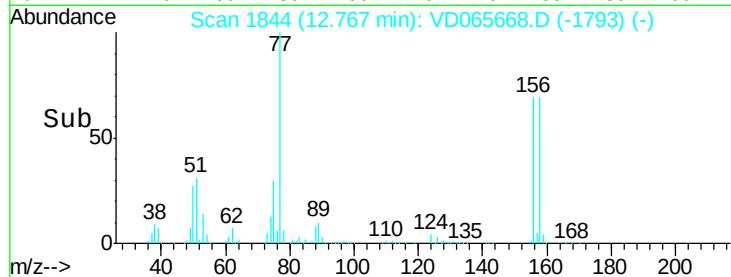
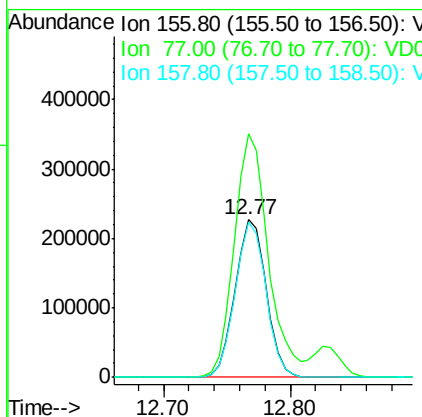
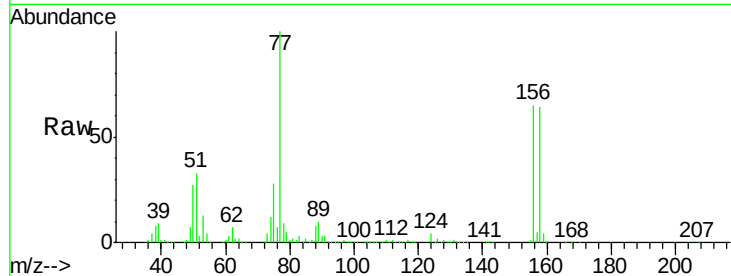
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	385931
Ion Ratio	Lower	Upper	
156	100		
77	168.0	85.8	257.3
158	97.3	49.9	149.6

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#78

n-propylbenzene

Concen: 162.390 ug/l

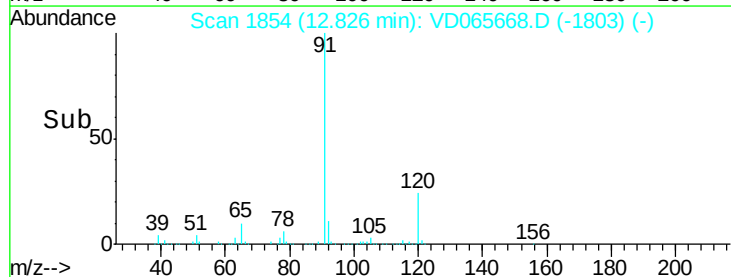
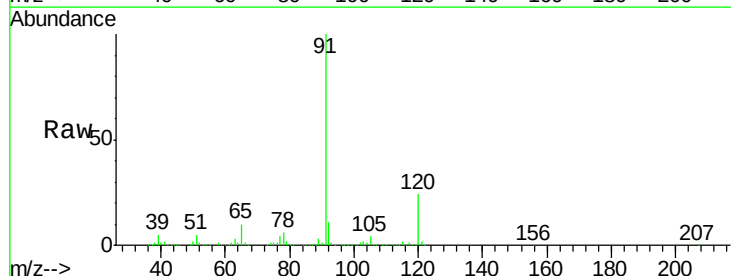
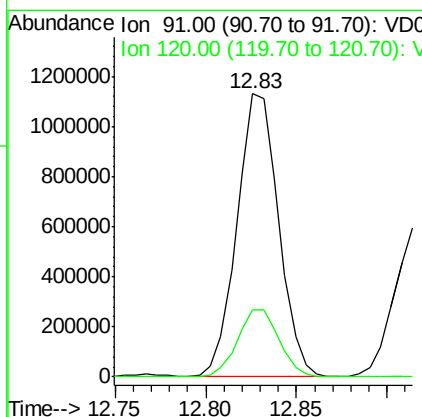
RT: 12.83 min Scan# 1854

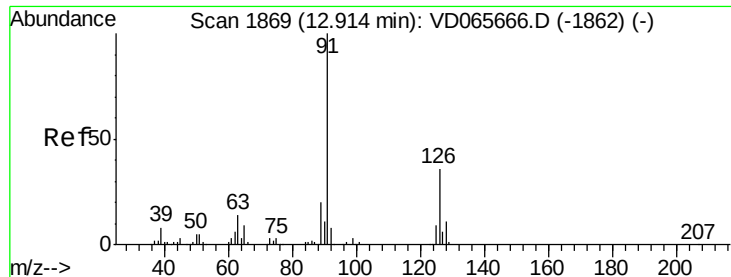
Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion:	91	Resp:	1799595
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.7





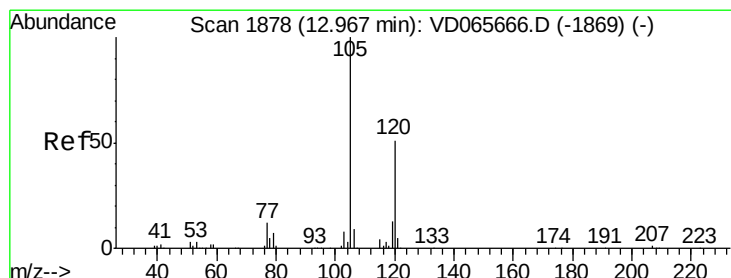
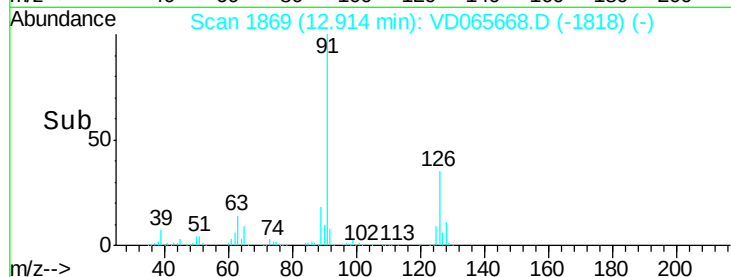
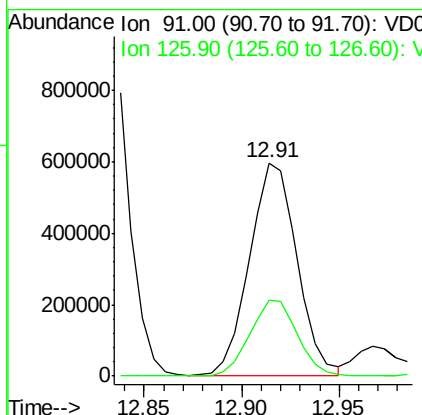
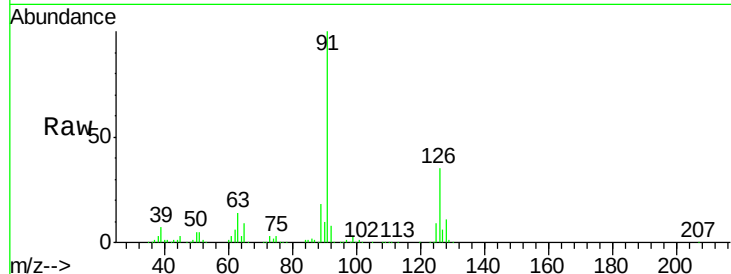
#79
2-Chlorotoluene
Concen: 158.962 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1002157
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.3

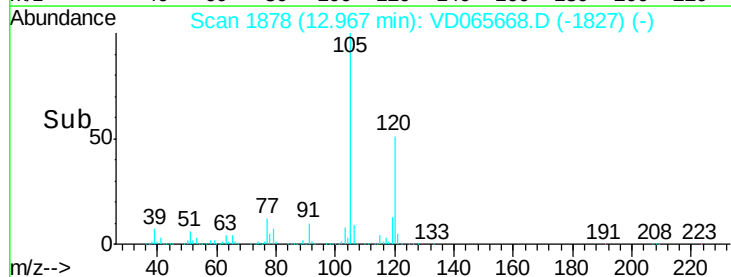
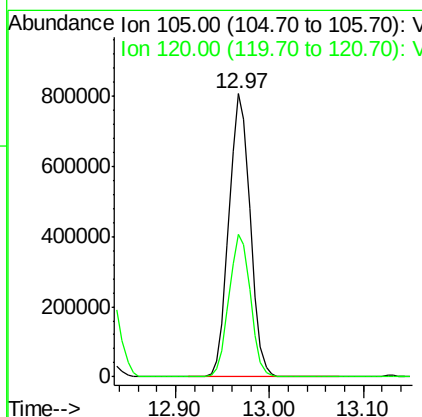
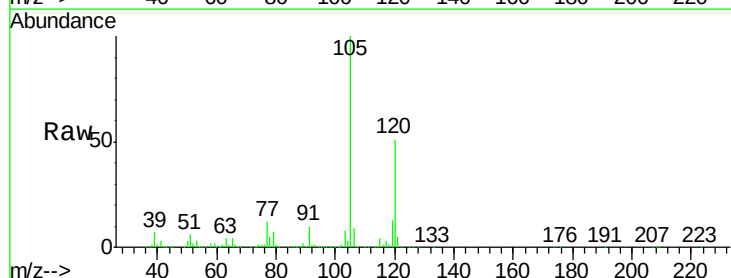
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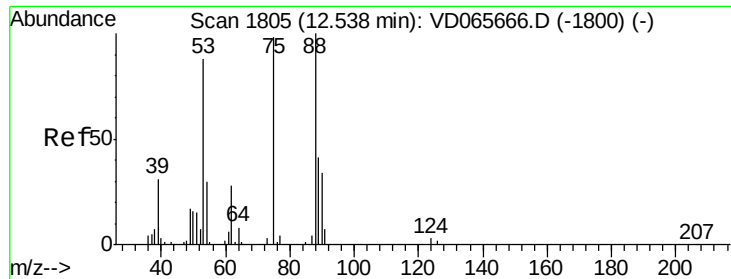
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 163.966 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 105 Resp: 1268419
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 172.547 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

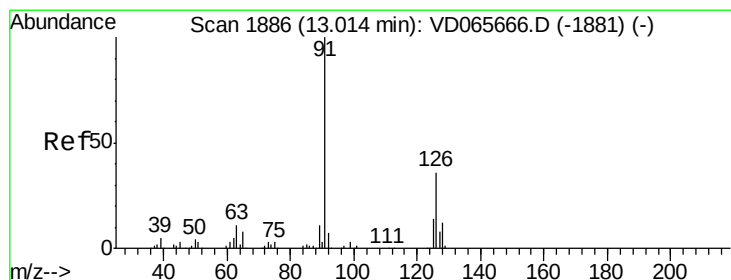
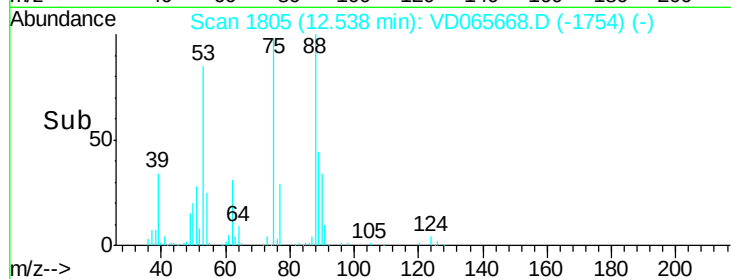
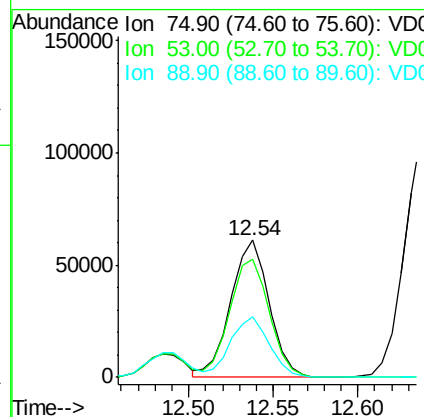
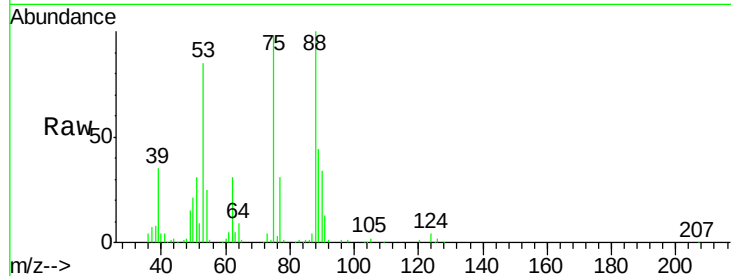
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	95734
Ion	Ratio	Lower	Upper
75	100		
53	89.8	76.5	114.7
89	45.3	35.0	52.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 154.674 ug/l

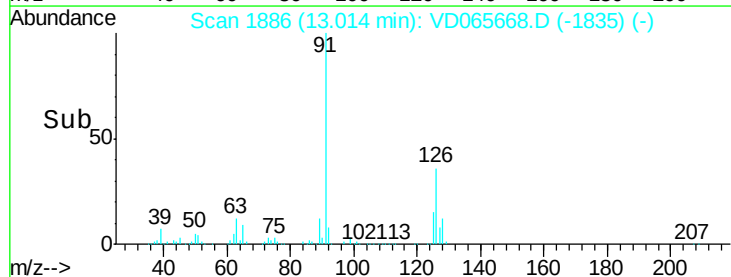
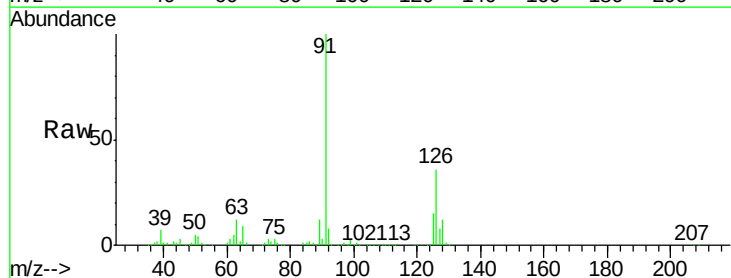
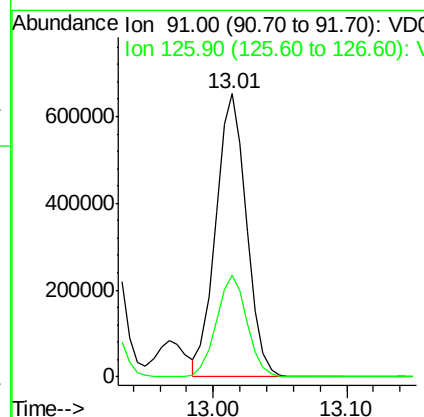
RT: 13.01 min Scan# 1886

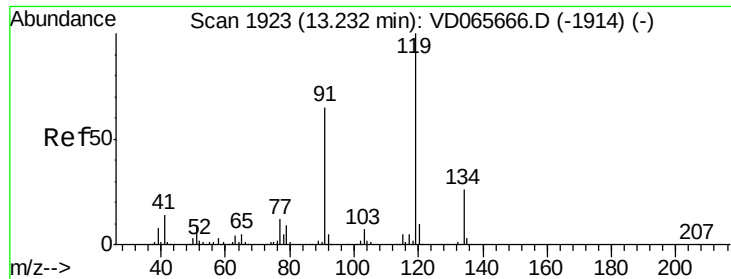
Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion:	91	Resp:	1049856
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.7	53.1





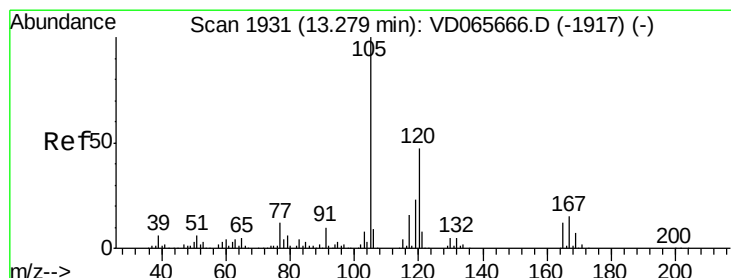
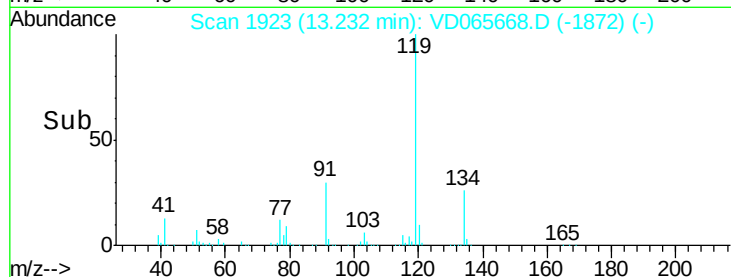
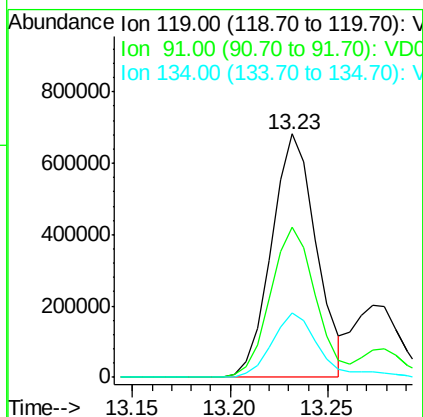
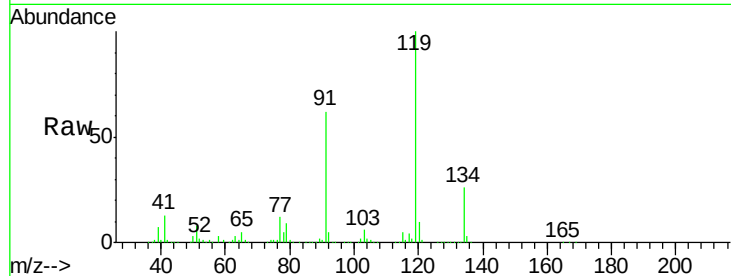
#83
tert-Butylbenzene
Concen: 166.963 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1081926
Ion Ratio Lower Upper
119 100
91 62.6 31.9 95.7
134 28.1 14.1 42.3

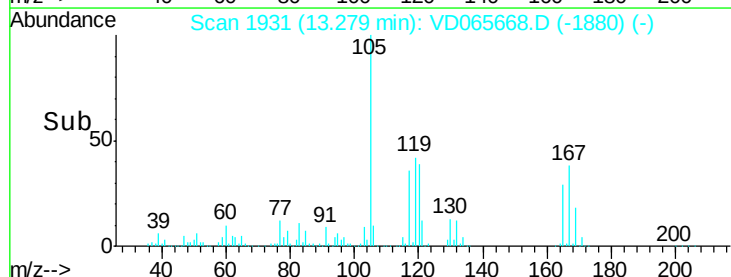
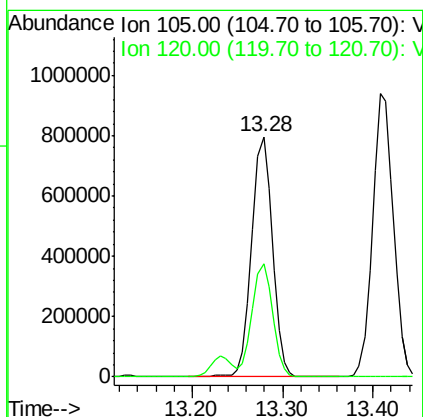
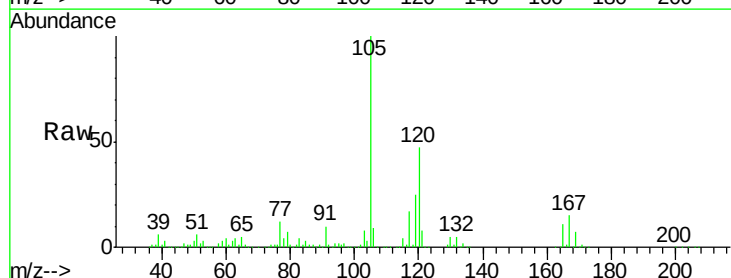
Manual Integrations
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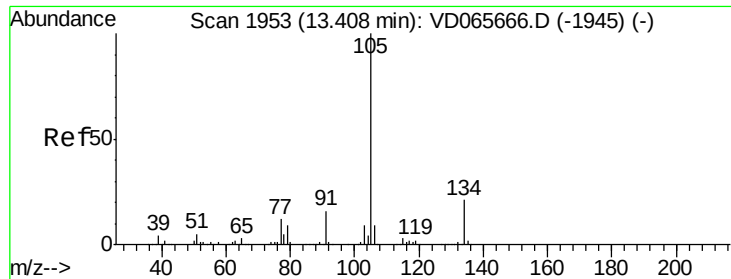
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#84
1,2,4-Trimethylbenzene
Concen: 164.662 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:105 Resp: 1268812
Ion Ratio Lower Upper
105 100
120 46.9 23.5 70.6





#85

sec-Butylbenzene

Concen: 161.770 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1501213

Ion Ratio Lower Upper

105 100

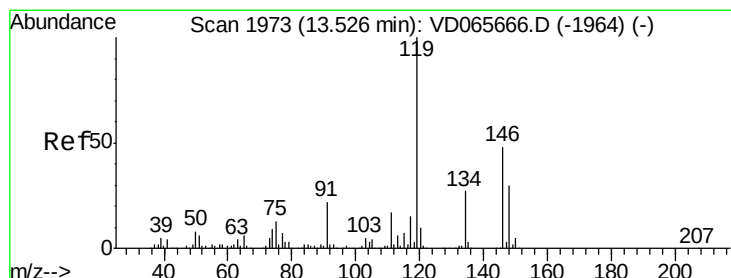
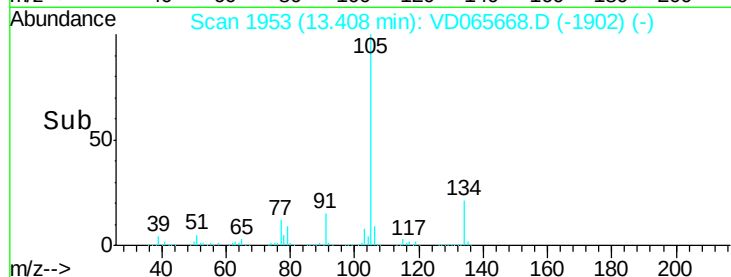
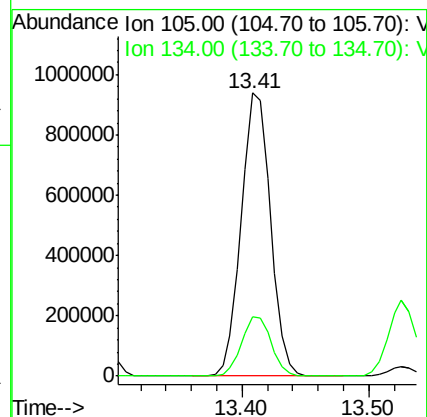
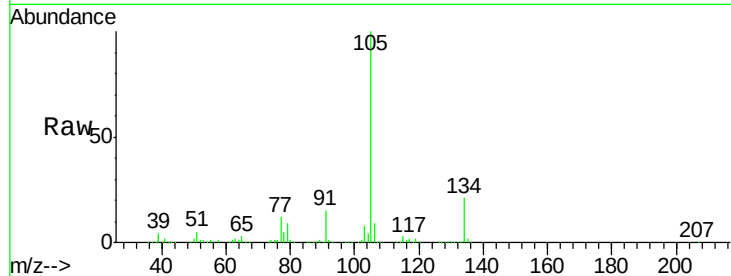
134 21.2 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 161.925 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

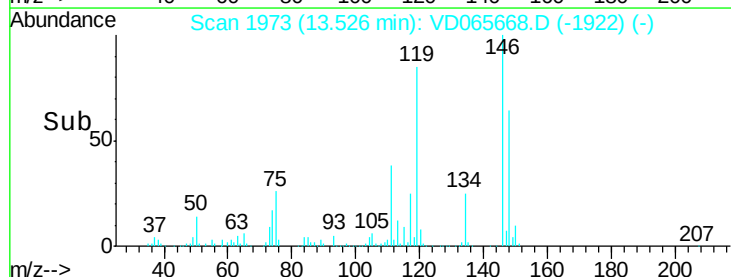
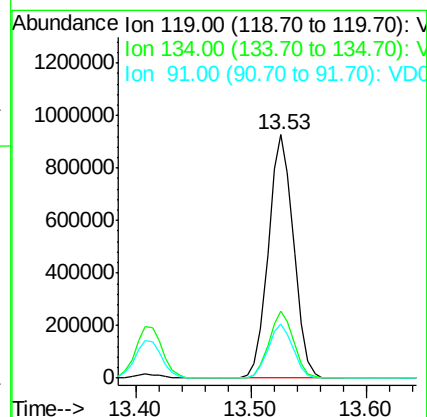
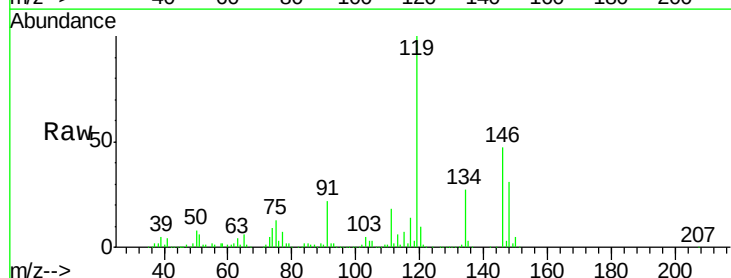
Tgt Ion:119 Resp: 1411668

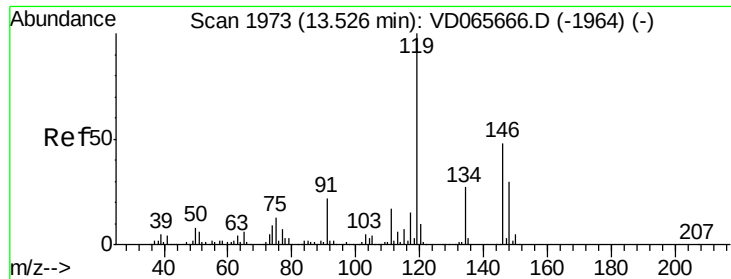
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 22.0 10.9 32.7





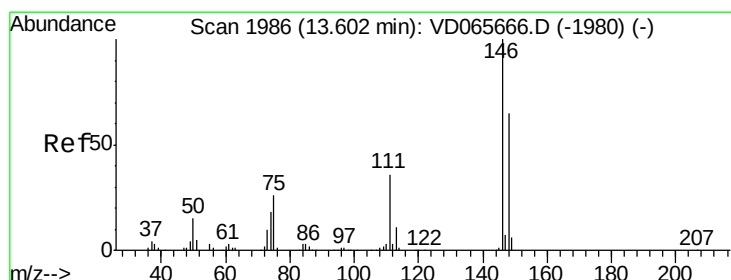
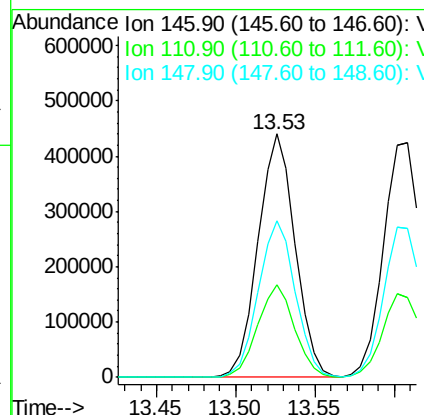
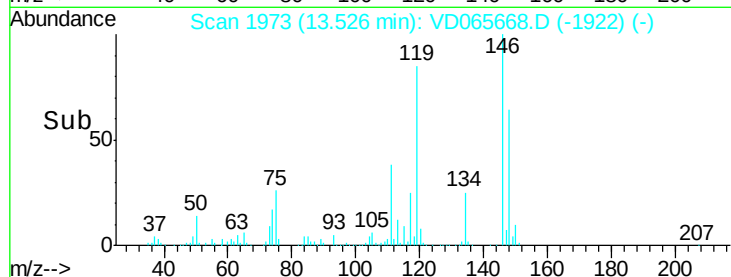
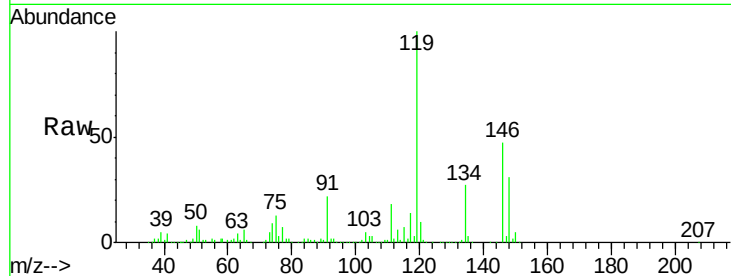
#87
 1,3-Dichlorobenzene
 Concen: 150.076 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	715619		
111	37.6	18.6	56.0	
148	64.3	31.9	95.9	

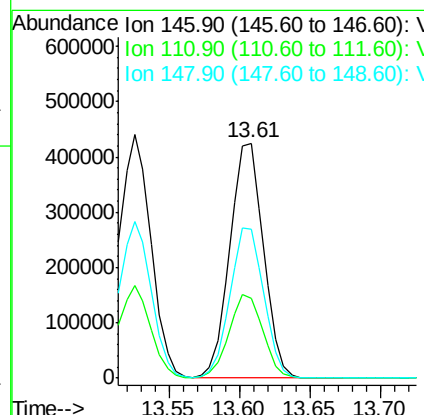
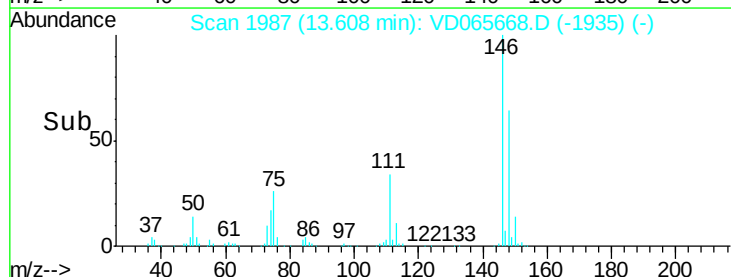
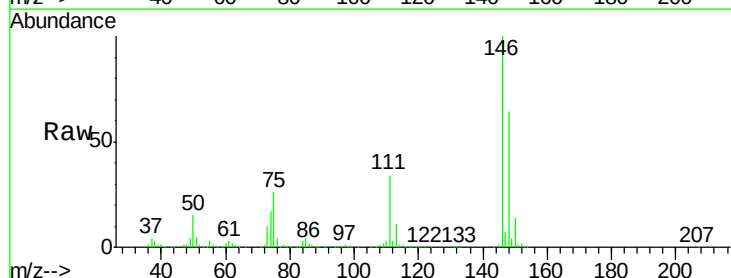
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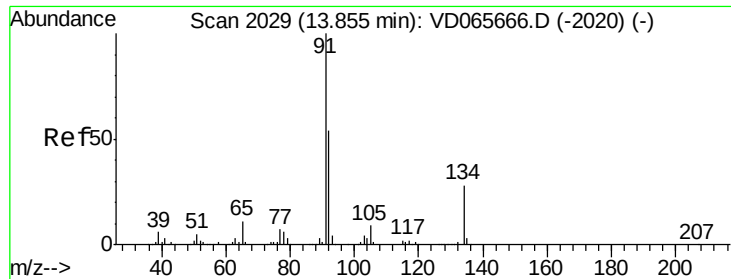
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 4/23/2020 1:31:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 149.107 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	706632		
111	35.6	18.1	54.1	
148	64.1	31.9	95.5	





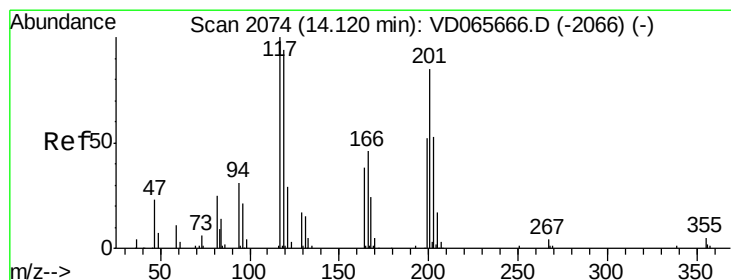
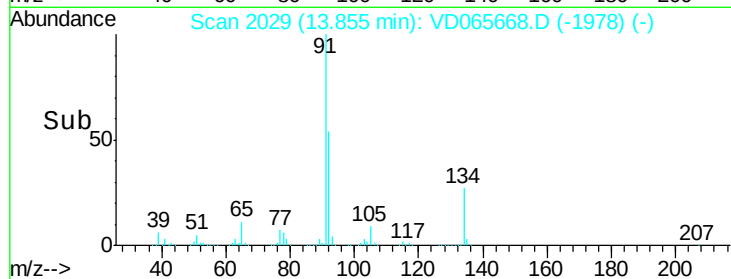
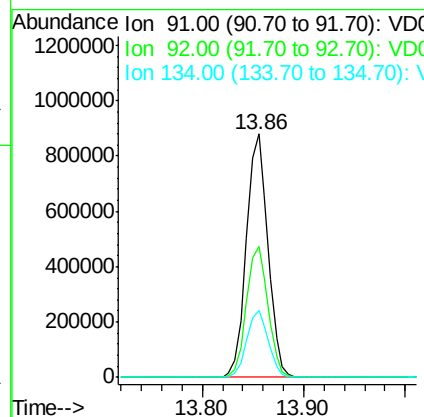
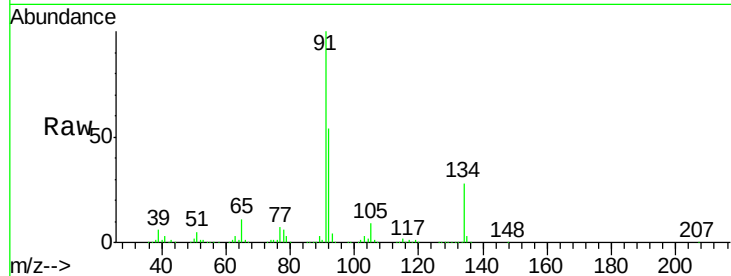
#89
n-Butylbenzene
Concen: 163.428 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	27.6	13.7	41.0

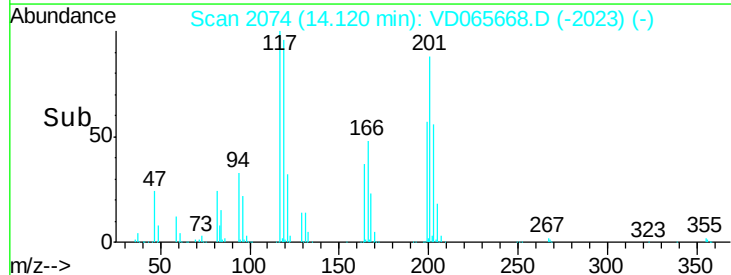
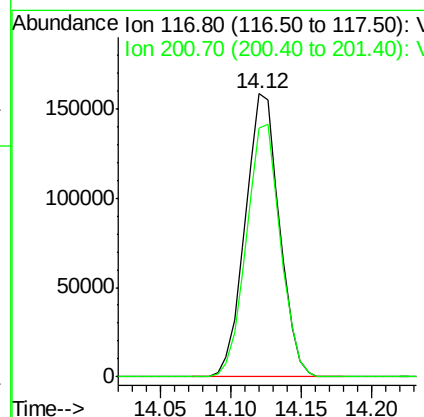
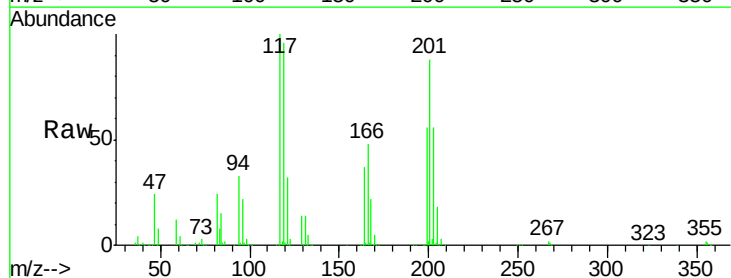
Manual Integrations
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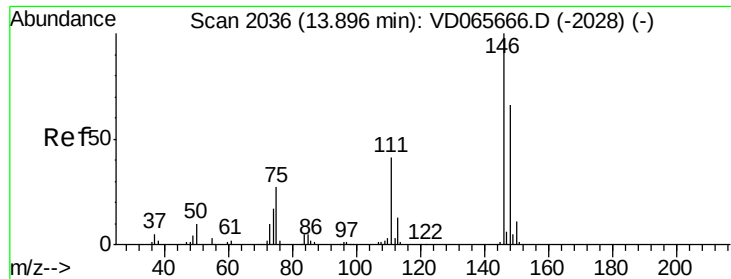
MMDadoda
4/23/2020 1:31:47 PM



#90
Hexachloroethane
Concen: 146.703 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.6	134.0





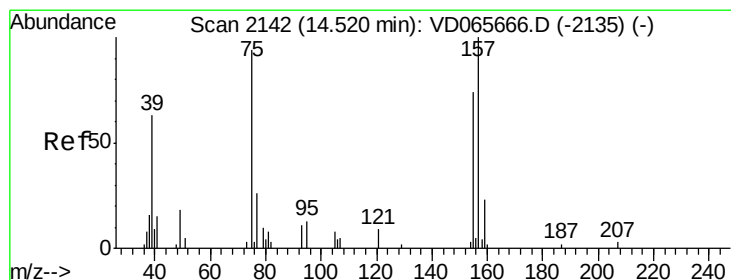
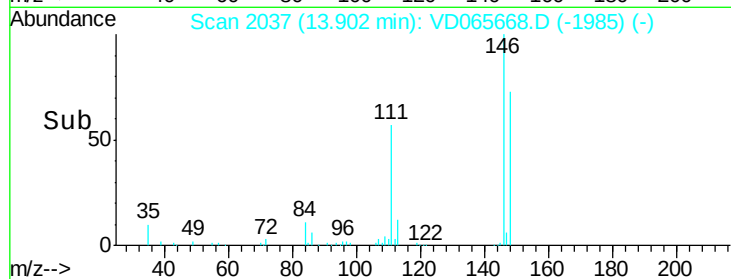
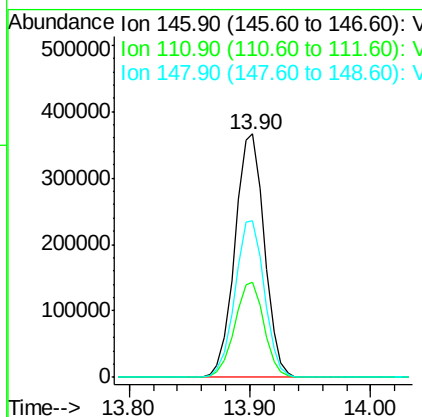
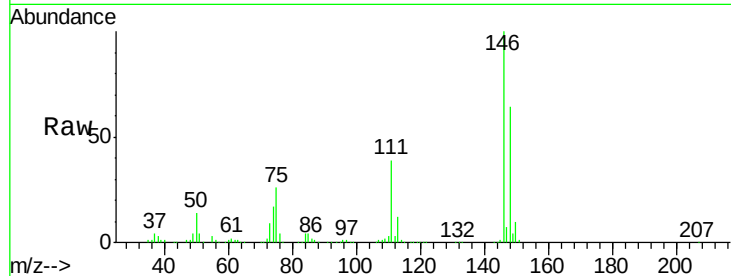
#91
 1,2-Dichlorobenzene
 Concen: 152.997 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.3	32.2	96.6

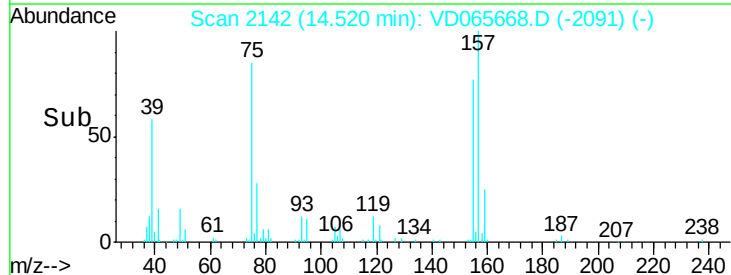
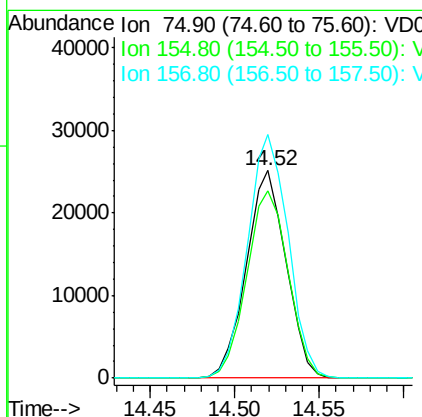
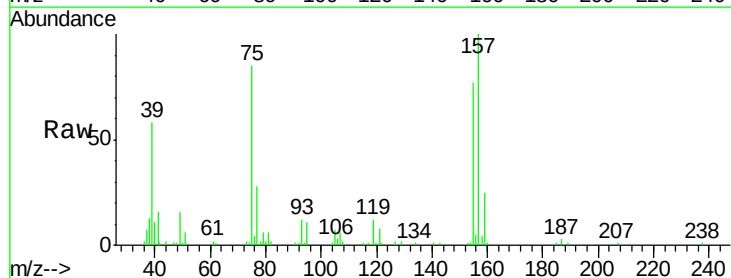
Manual Integrations
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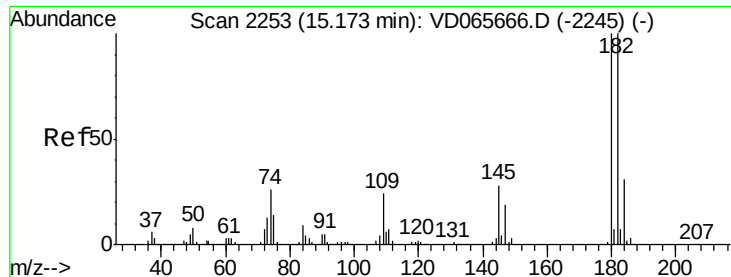
MMDadoda
 4/23/2020 1:31:47 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 164.289 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	40.6	122.0
157	119.8	52.8	158.5





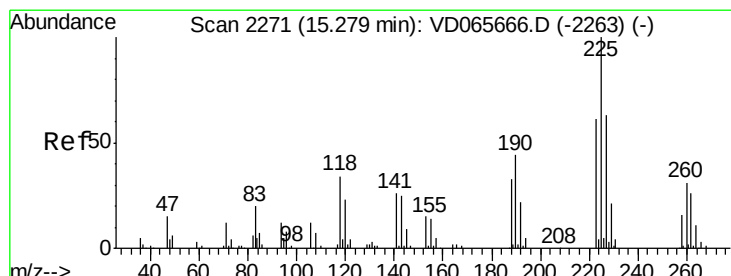
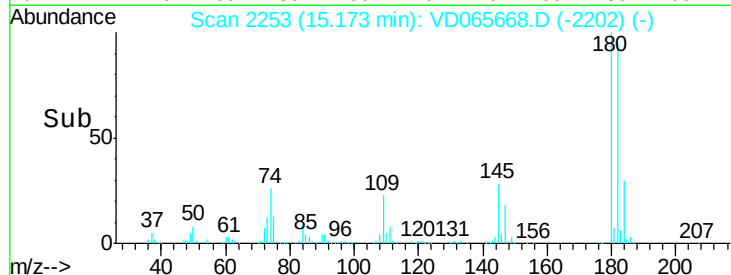
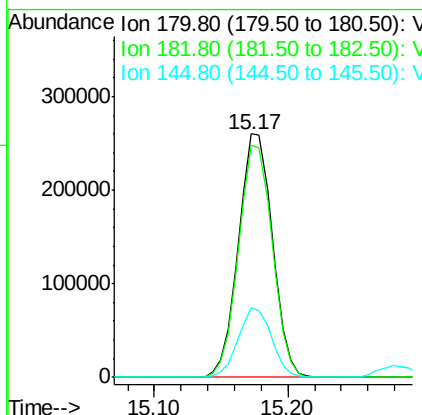
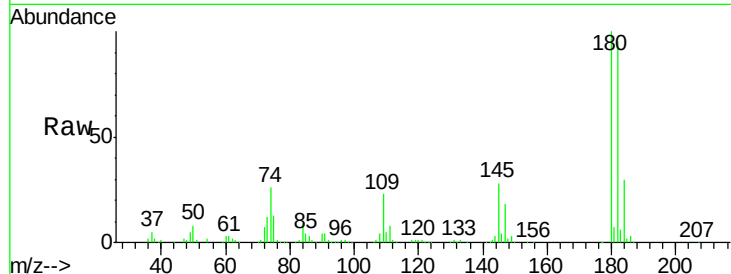
#93
 1,2,4-Trichlorobenzene
 Concen: 163.980 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.4	142.2	
145	28.0	14.1	42.4	

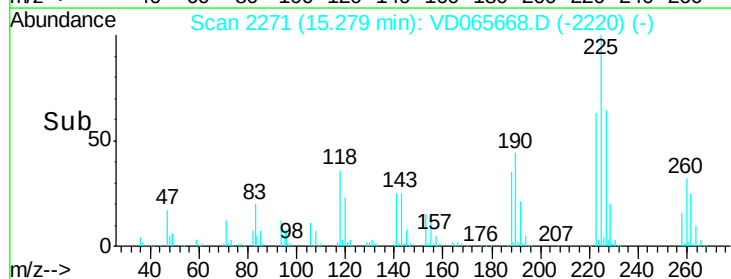
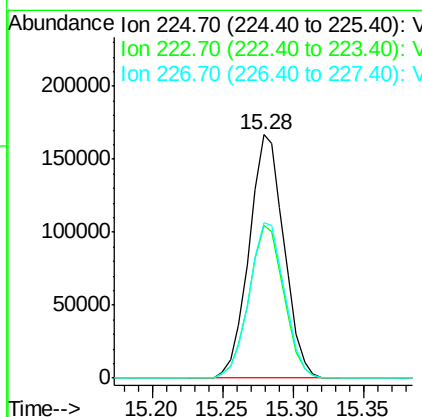
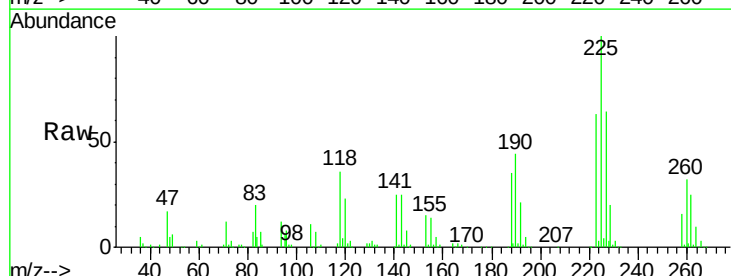
Manual Integrations
 APPROVED

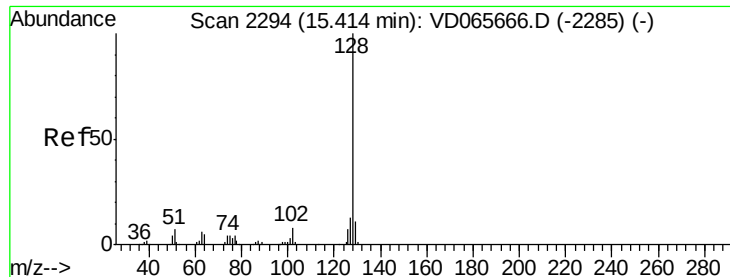
MMDadoda
 4/23/2020 1:31:47 PM



#94
 Hexachlorobutadiene
 Concen: 149.715 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	30.8	92.4	
227	64.7	32.1	96.5	





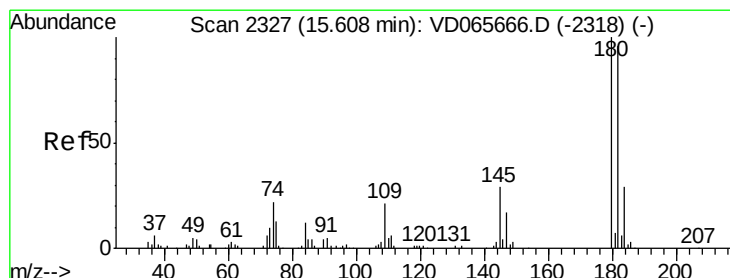
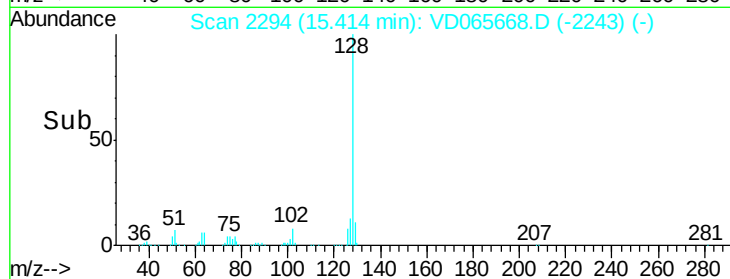
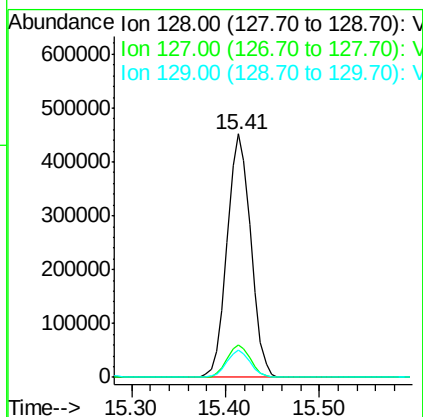
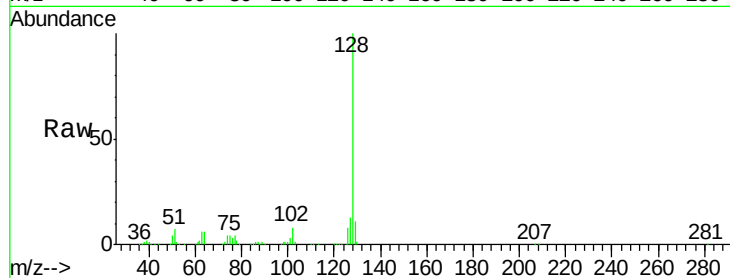
#95
Naphthalene
Concen: 192.250 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
4/23/2020 1:31:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 163.862 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	29.6	14.6	44.0

