

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012320\
 Data File : VD064934.D
 Acq On : 23 Jan 2020 13:59
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV012320

Manual Integrations
 APPROVED

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 1/24/2020 4:02:07 PM

Quant Time: Jan 23 14:21:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	515750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	741728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	656947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	223262	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	7.91	113	220855	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.34	98	864145	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.64	95	268299	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	199245	51.280	ug/l	98
3) Chloromethane	2.21	50	284679	49.991	ug/l	94
4) Vinyl Chloride	2.35	62	326495	49.919	ug/l	98
5) Bromomethane	2.77	94	209236	47.558	ug/l	99
6) Chloroethane	2.93	64	205452	47.647	ug/l	96
7) Trichlorofluoromethane	3.27	101	495739	49.078	ug/l	98
8) Diethyl Ether	3.71	74	101233	44.394	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	233316	49.647	ug/l	99
10) Methyl Iodide	4.30	142	240239	48.160	ug/l	100
11) Tert butyl alcohol	5.25	59	67311	246.215	ug/l	99
12) 1,1-Dichloroethene	4.06	96	220893	49.202	ug/l	93
13) Acrolein	3.93	56	76180	222.284	ug/l	95
14) Allyl chloride	4.71	41	359761	50.244	ug/l	99
15) Acrylonitrile	5.43	53	230173	233.095	ug/l	99
16) Acetone	4.17	43	258208	217.092	ug/l	96
17) Carbon Disulfide	4.40	76	733367	49.634	ug/l	99
18) Methyl Acetate	4.73	43	104138	44.946	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	483021	48.151	ug/l	100
20) Methylene Chloride	4.97	84	243881	50.797	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	255775	49.450	ug/l	95
22) Diisopropyl ether	6.37	45	704187	49.347	ug/l	98
23) Vinyl Acetate	6.31	43	2051211	245.511	ug/l	100
24) 1,1-Dichloroethane	6.26	63	426090	48.632	ug/l	98
25) 2-Butanone	7.21	43	309233	231.367	ug/l	94
26) 2,2-Dichloropropane	7.21	77	393921	49.568	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	268428	48.621	ug/l	100
28) Bromochloromethane	7.55	49	175468	50.077	ug/l	98
29) Tetrahydrofuran	7.57	42	183883	222.983	ug/l	99
30) Chloroform	7.71	83	436429	48.187	ug/l	99
31) Cyclohexane	7.98	56	406146	47.122	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	413652	49.094	ug/l	99
36) 1,1-Dichloropropene	8.11	75	355776	49.742	ug/l	99
37) Ethyl Acetate	7.30	43	137717	46.615	ug/l	98
38) Carbon Tetrachloride	8.10	117	375526	49.675	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	433008	51.783	ug/l	100
40) Benzene	8.36	78	970998	49.293	ug/l	96
41) Methacrylonitrile	7.53	41	81477	51.195	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	276774	47.167	ug/l	99
43) Isopropyl Acetate	8.46	43	263546	46.962	ug/l	100
44) Trichloroethene	9.11	130	273205	49.556	ug/l	99
45) 1,2-Dichloropropane	9.39	63	229771	48.116	ug/l	98
46) Dibromomethane	9.48	93	126192	48.402	ug/l	97
47) Bromodichloromethane	9.67	83	331501	48.864	ug/l	99
48) Methyl methacrylate	9.46	41	135603	52.508	ug/l	95
49) 1,4-Dioxane	9.47	88	25878	855.828	ug/l #	84
51) 4-Methyl-2-Pentanone	10.23	43	656679	233.863	ug/l	99
52) Toluene	10.41	92	631387	49.715	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	319644	49.464	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	373041	49.305	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	165888	47.237	ug/l	97
56) Ethyl methacrylate	10.67	69	210036	50.014	ug/l	99
57) 1,3-Dichloropropane	10.95	76	285165	47.343	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	315485	226.123	ug/l	99
59) 2-Hexanone	10.99	43	480569	248.118	ug/l	99
60) Dibromochloromethane	11.14	129	222693	47.444	ug/l	99
61) 1,2-Dibromoethane	11.25	107	161289	47.697	ug/l	99
64) Tetrachloroethene	10.88	164	237355	49.998	ug/l	98
65) Chlorobenzene	11.68	112	652962	48.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	246589	49.157	ug/l	99
67) Ethyl Benzene	11.75	91	1214036	51.268	ug/l	99
68) m/p-Xylenes	11.86	106	930672	102.076	ug/l	98
69) o-Xylene	12.18	106	414584	51.235	ug/l	98
70) Styrene	12.20	104	729279	50.593	ug/l	99
71) Bromoform	12.37	173	132347	47.462	ug/l #	100
73) Isopropylbenzene	12.48	105	1134068	51.905	ug/l	100
74) N-amyl acetate	12.30	43	237015	48.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	172587	46.998	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	119556m	45.060	ug/l	
77) Bromobenzene	12.77	156	267838	50.101	ug/l	98
78) n-propylbenzene	12.83	91	1356787	52.217	ug/l	100
79) 2-Chlorotoluene	12.91	91	727034	51.005	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	928576	51.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	58979	47.463	ug/l	99
82) 4-Chlorotoluene	13.01	91	761331	50.363	ug/l	100
83) tert-Butylbenzene	13.23	119	790283	52.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	930653	51.309	ug/l	100
85) sec-Butylbenzene	13.41	105	1121520	52.129	ug/l	100
86) p-Isopropyltoluene	13.53	119	1062060	52.754	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	518469	50.547	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	500214	49.135	ug/l	99
89) n-Butylbenzene	13.86	91	967967	52.685	ug/l	99
90) Hexachloroethane	14.12	117	194797	50.175	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	425137	48.821	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28049	47.729	ug/l	99

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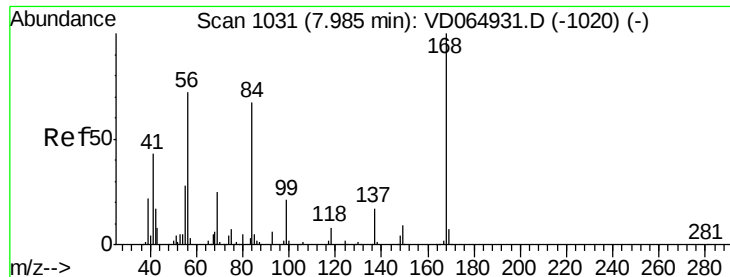
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	307404	51.027	ug/l	99
94) Hexachlorobutadiene	15.28	225	193432	50.762	ug/l	97
95) Naphthalene	15.41	128	502409	51.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	265169	50.765	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion:168 Resp: 515750

Ion Ratio Lower Upper

168 100

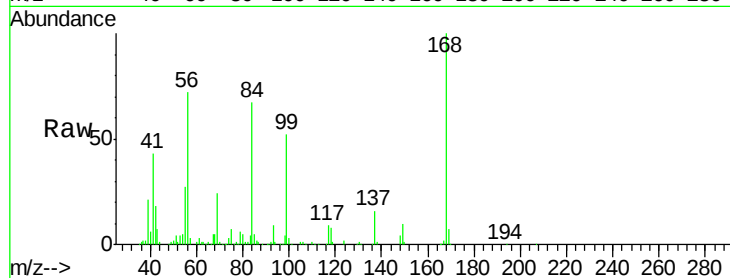
99 52.0 43.3 64.9

Manual Integrations

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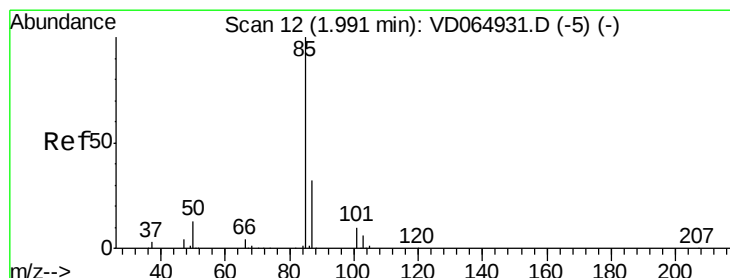
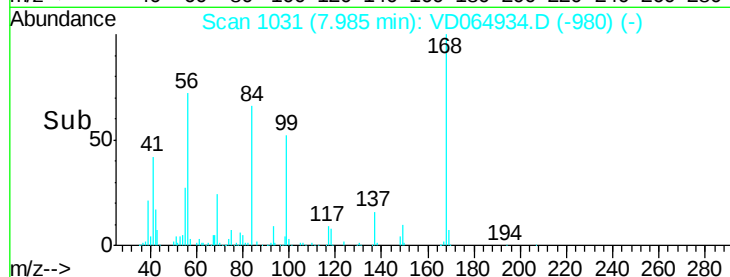
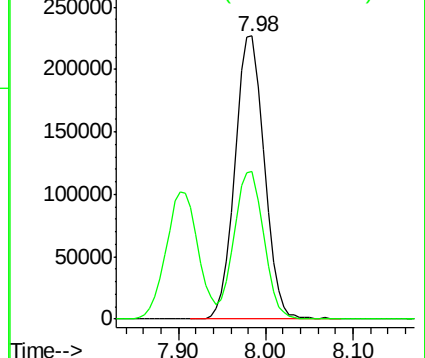
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 51.280 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064934.D

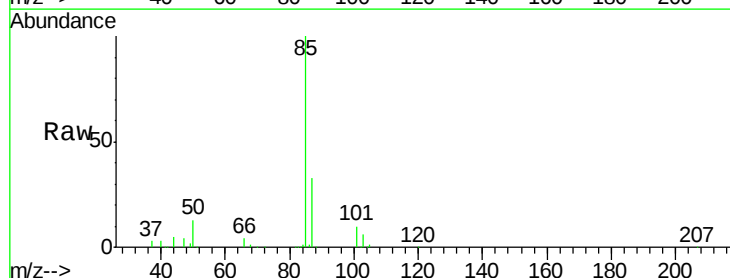
Acq: 23 Jan 2020 13:59

Tgt Ion: 85 Resp: 199245

Ion Ratio Lower Upper

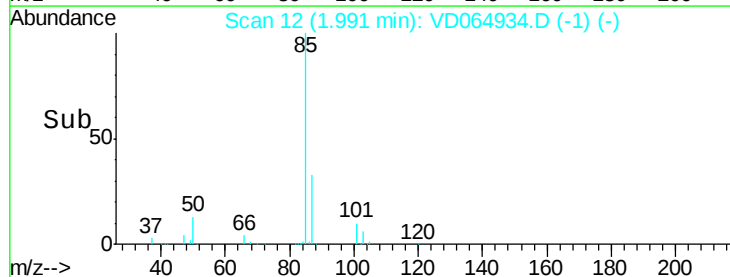
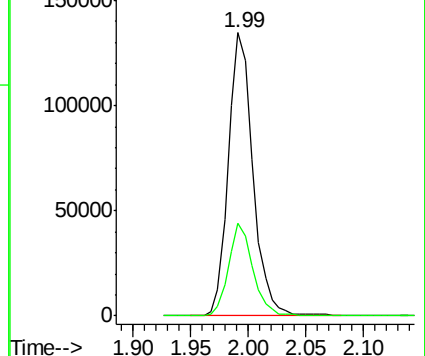
85 100

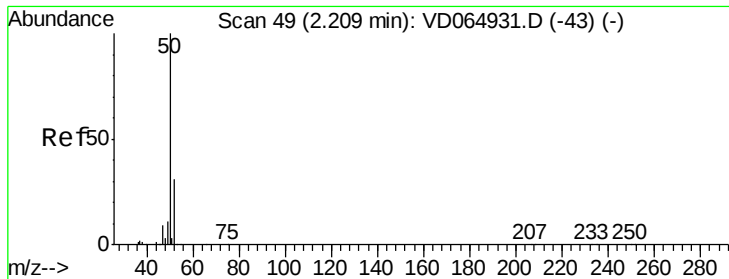
87 32.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.991 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 50 Resp: 284679

Ion Ratio Lower Upper

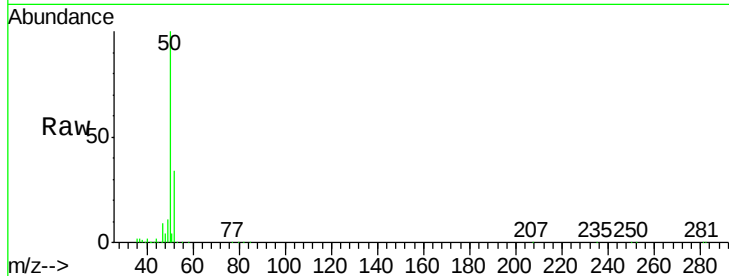
50 100

52 33.8 24.6 36.8

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

200000

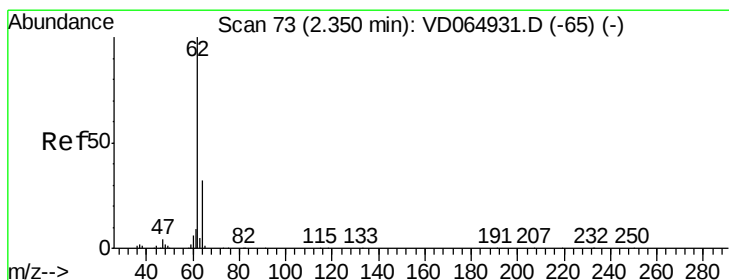
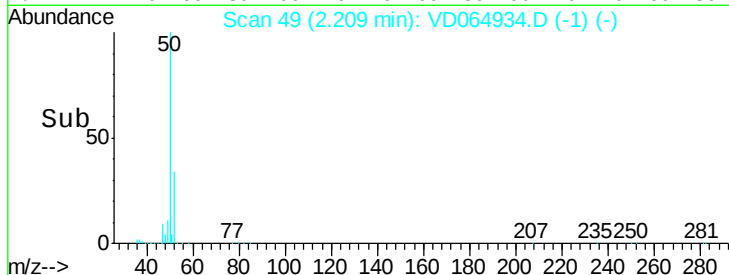
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.919 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064934.D

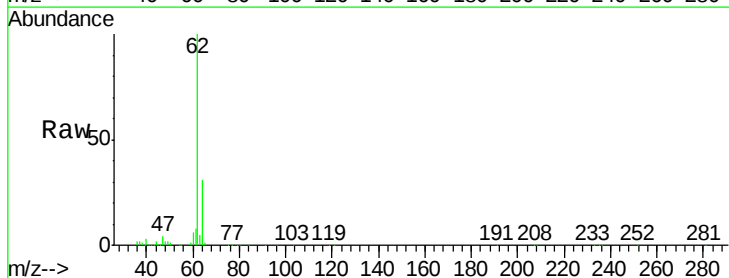
Acq: 23 Jan 2020 13:59

Tgt Ion: 62 Resp: 326495

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

200000

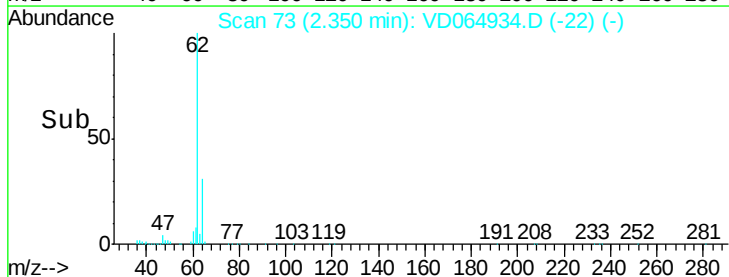
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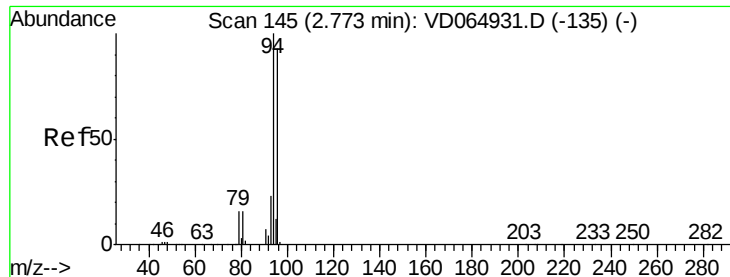
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.558 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 94 Resp: 209236

Ion Ratio Lower Upper

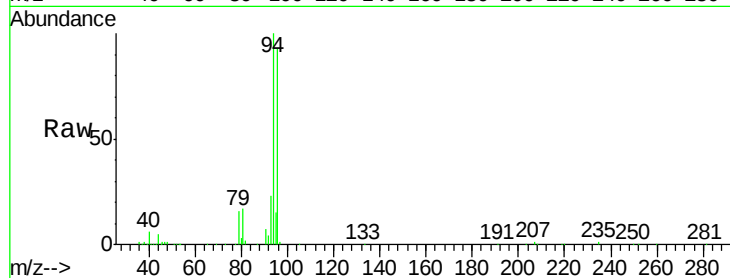
94 100

96 92.7 74.6 111.8

Manual Integrations
APPROVED

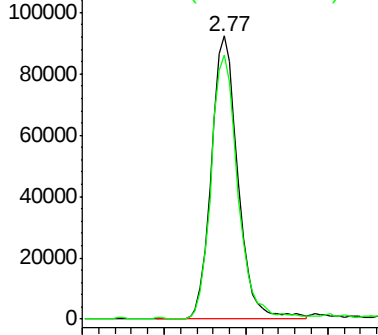
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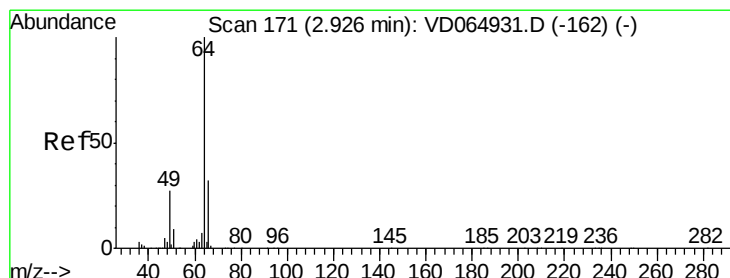
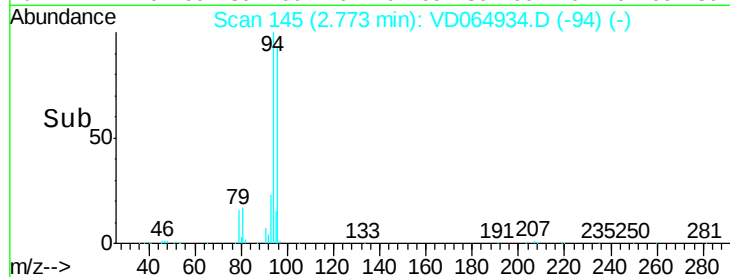


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time--> 2.60 2.70 2.80 2.90



#6

Chloroethane

Concen: 47.647 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD064934.D

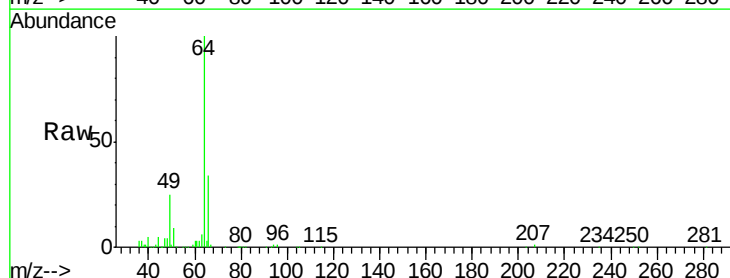
Acq: 23 Jan 2020 13:59

Tgt Ion: 64 Resp: 205452

Ion Ratio Lower Upper

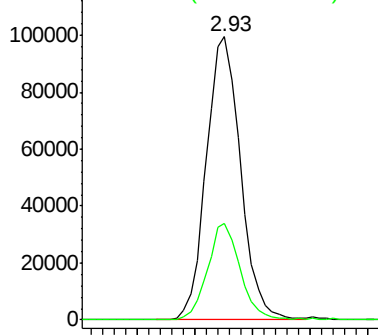
64 100

66 34.0 25.3 37.9

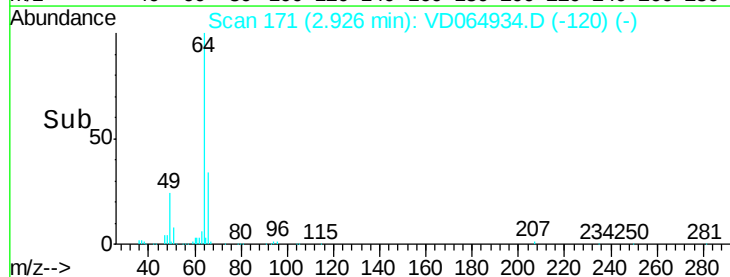


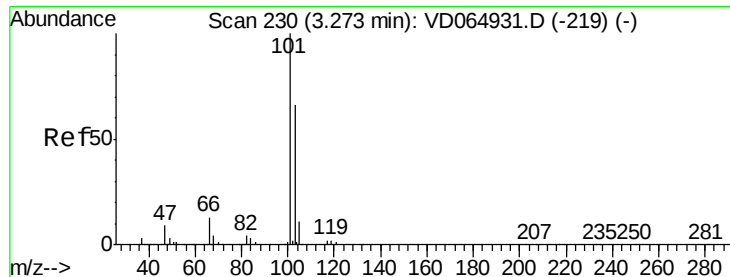
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time--> 2.85 2.90 2.95 3.00





#7

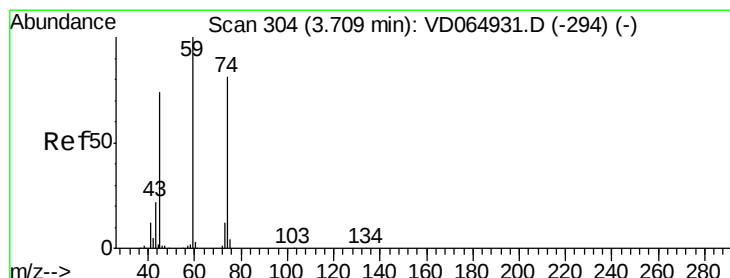
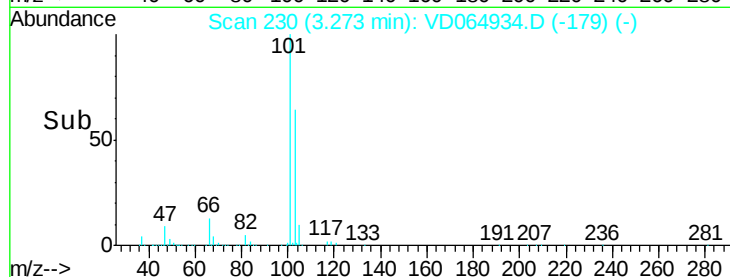
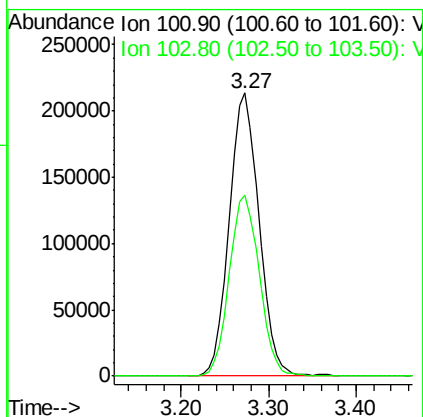
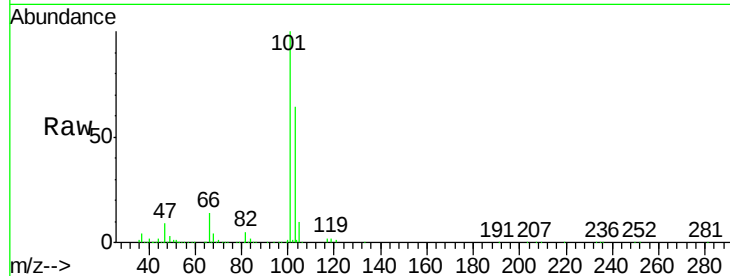
Trichlorofluoromethane
Concen: 49.078 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.5	78.7

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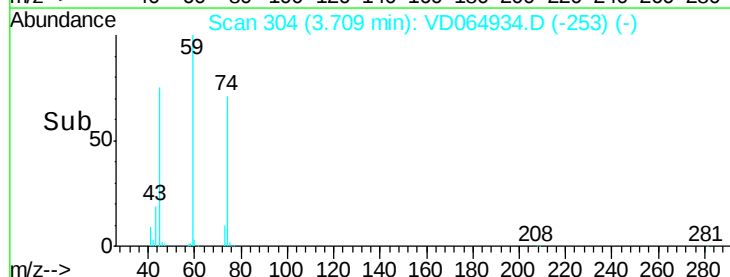
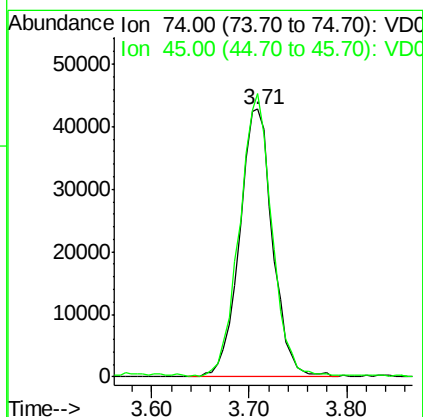
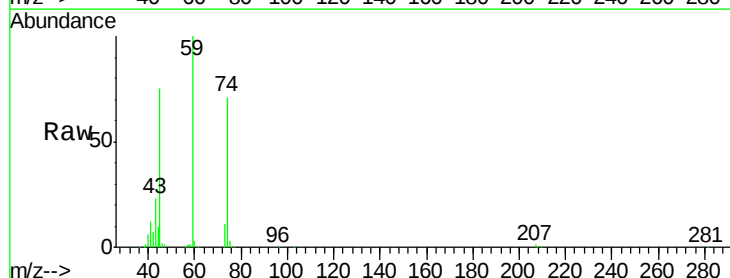
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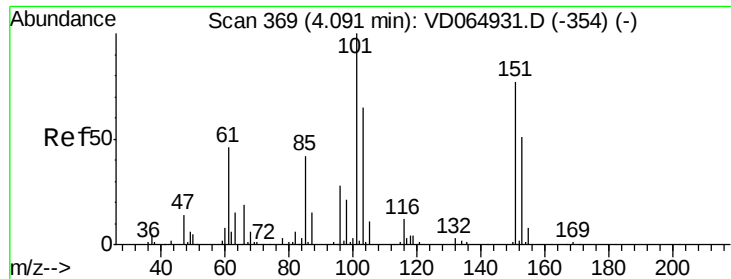


#8

Diethyl Ether
Concen: 44.394 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	48.5	145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.647 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

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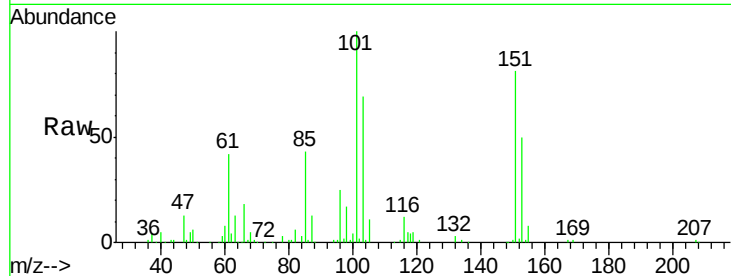
ClientSampleId :

ICVVD012320

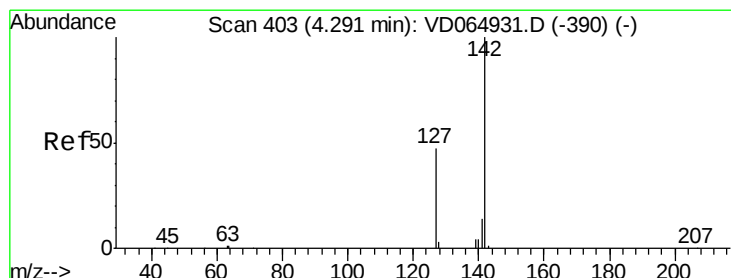
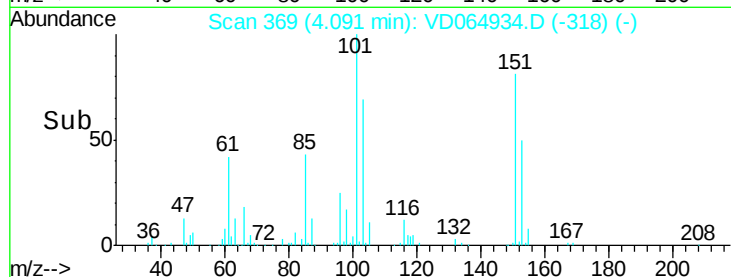
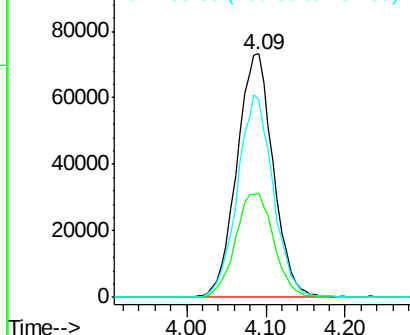
Tot Ion:	101	Resp:	233316
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.0	52.4
151	81.4	64.6	96.8

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



#10

Methyl Iodide

Concen: 48.160 ug/l

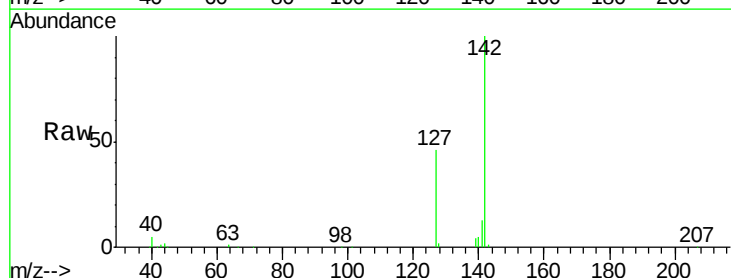
RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

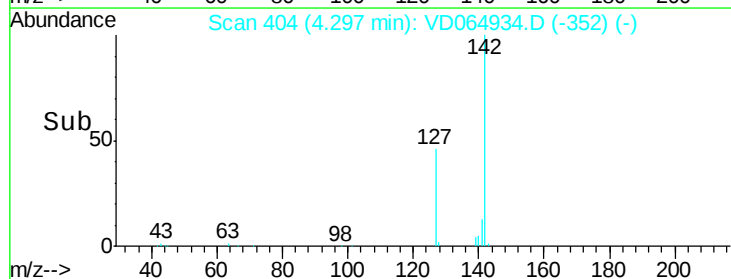
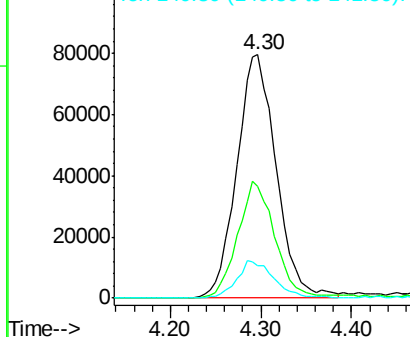
Lab File: VD064934.D

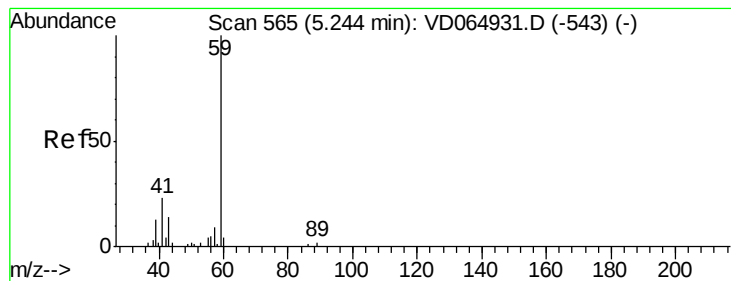
Acq: 23 Jan 2020 13:59

Tgt Ion:	142	Resp:	240239
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.2	54.2
141	14.6	11.6	17.4



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





#11

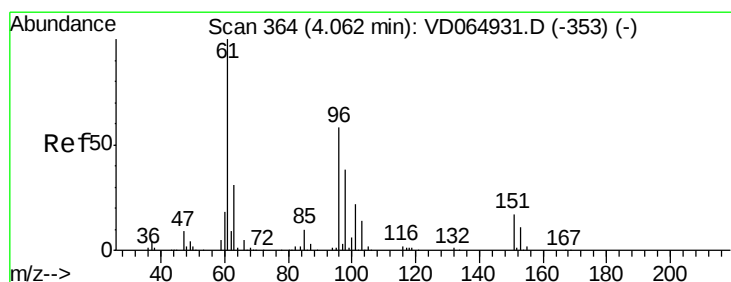
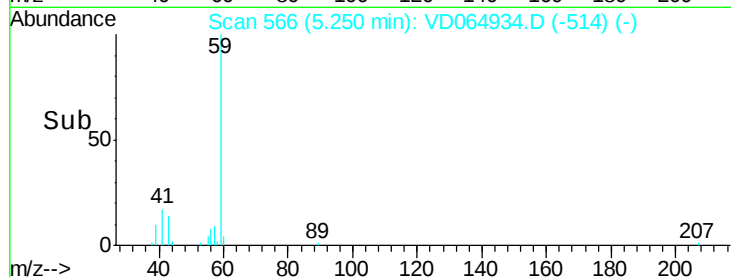
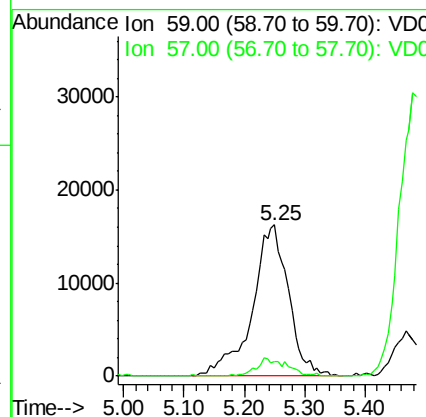
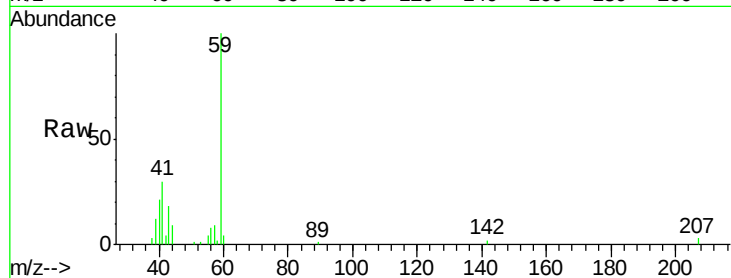
Tert butyl alcohol
Concen: 246.215 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.7	11.5

Manual Integrations
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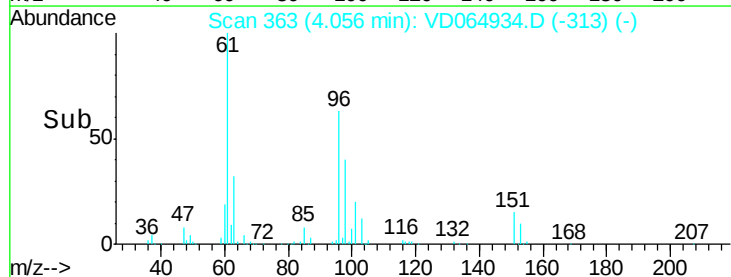
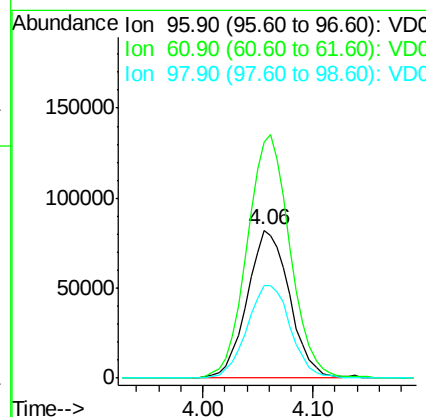
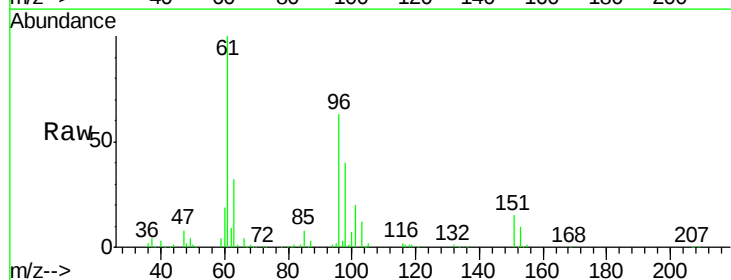
MMDadoda
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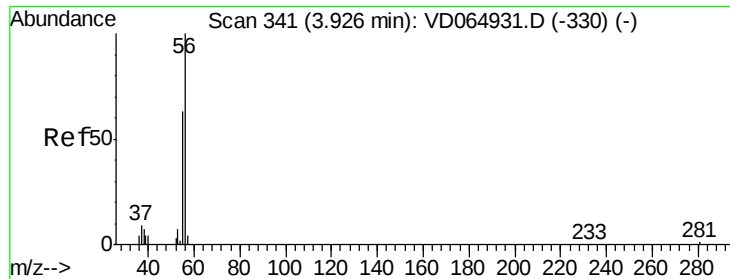


#12

1,1-Dichloroethene
Concen: 49.202 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	137.0	205.4
98	63.0	52.1	78.1





#13

Acrolein

Concen: 222.284 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 56 Resp: 76180

Ion Ratio Lower Upper

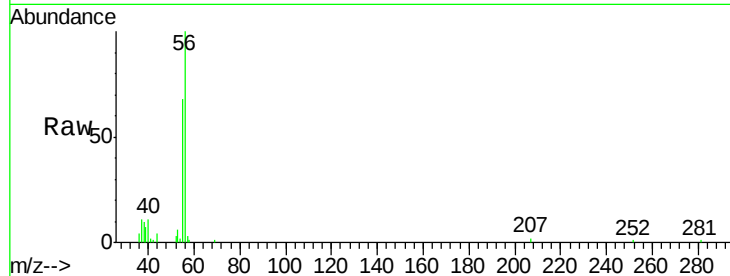
56 100

55 70.4 59.7 89.5

Manual Integrations
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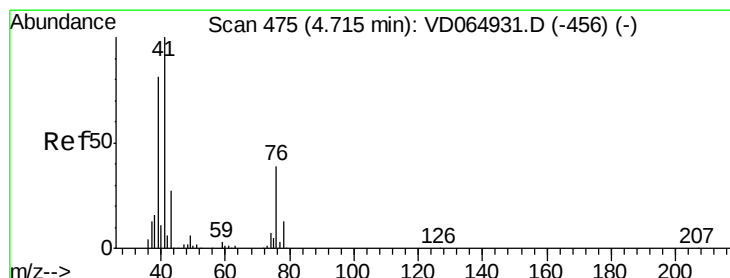
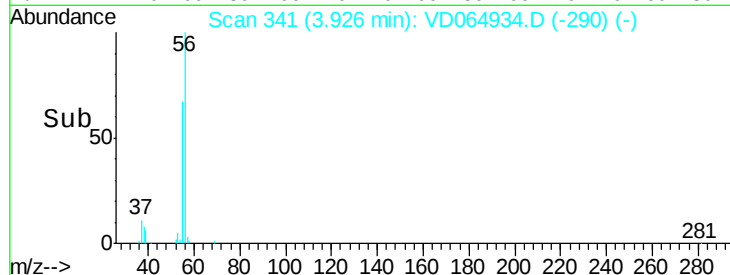
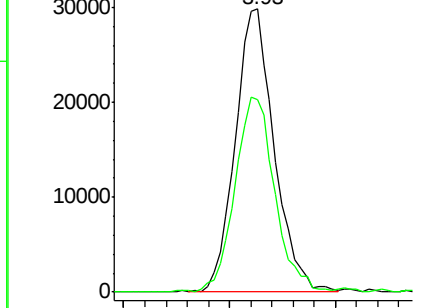
MMDadoda

1/24/2020 4:02:07 PM



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.244 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

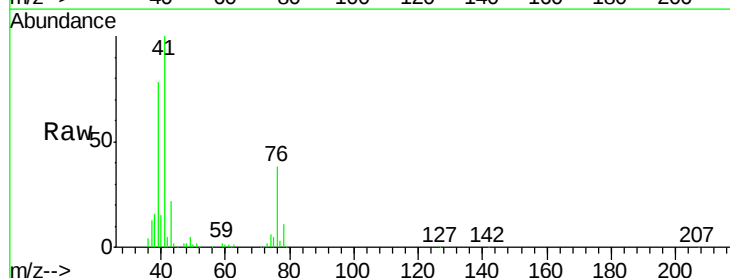
Tgt Ion: 41 Resp: 359761

Ion Ratio Lower Upper

41 100

39 76.0 62.0 93.0

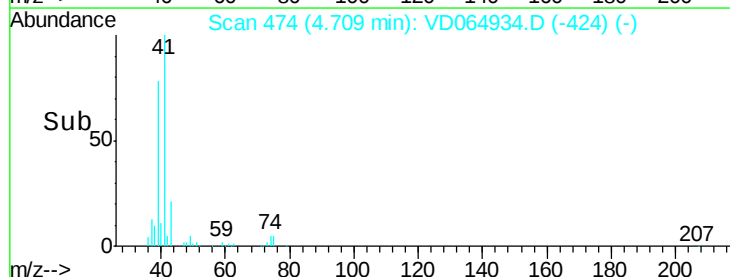
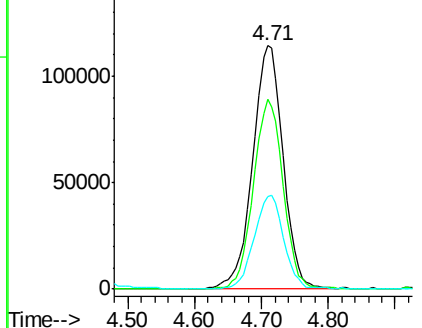
76 36.9 29.3 43.9

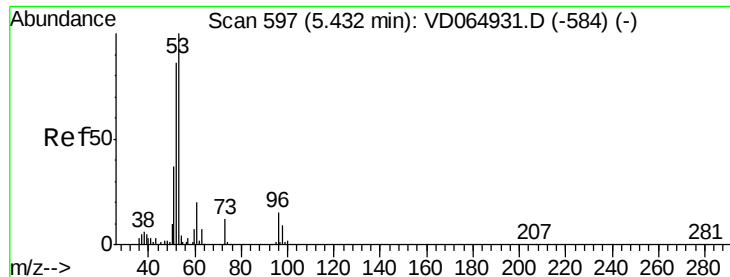


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





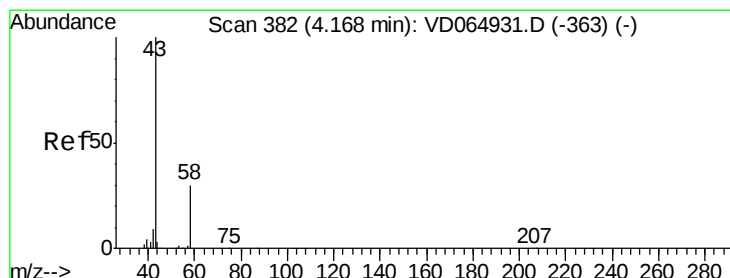
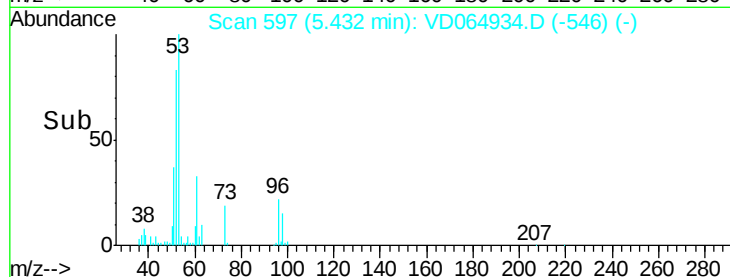
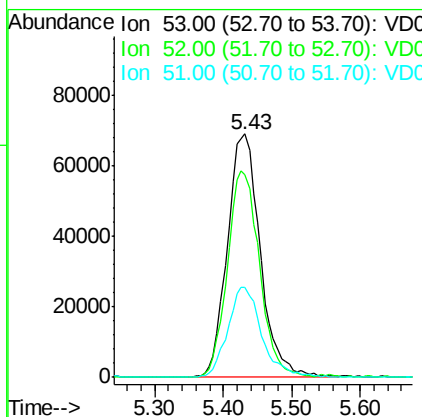
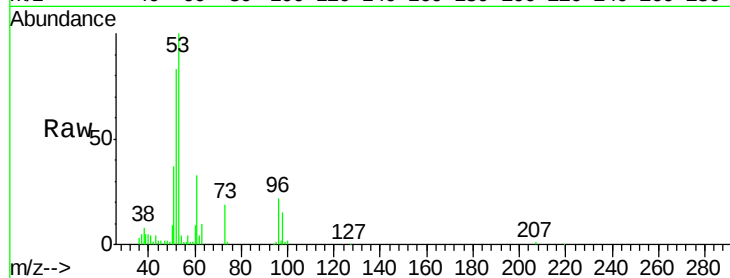
#15
 Acrylonitrile
 Concen: 233.095 ug/l
 RT: 5.43 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	38.2	31.1	46.7

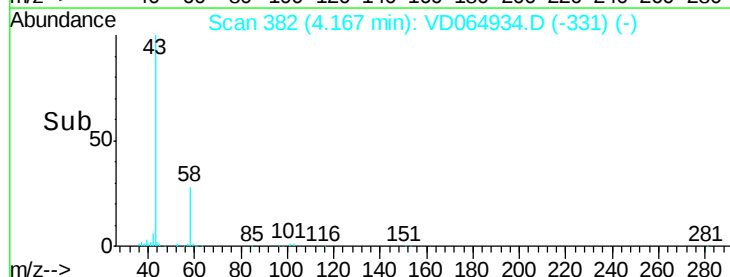
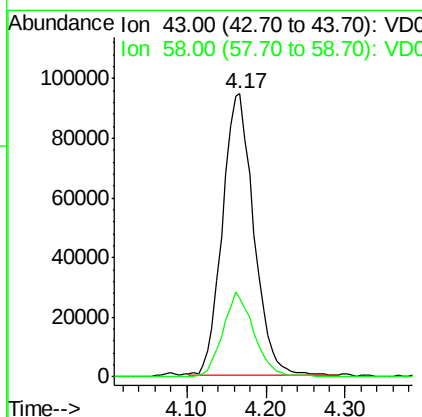
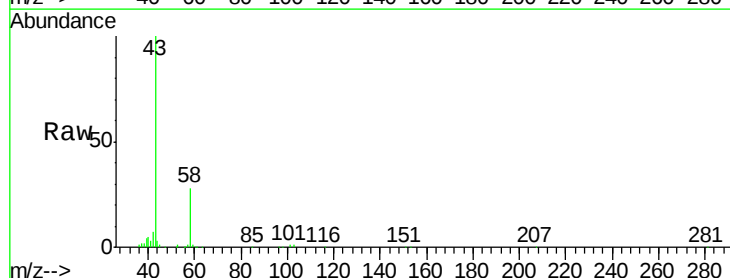
Manual Integrations
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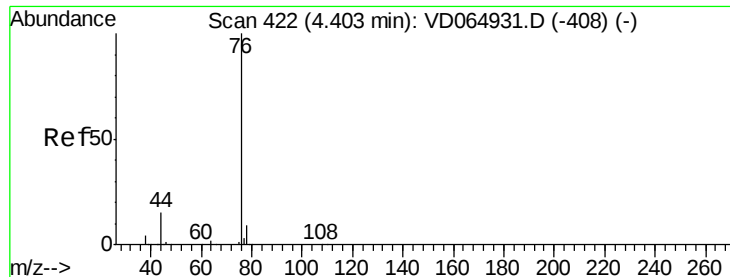
MMDadoda
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#16
 Acetone
 Concen: 217.092 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.8	35.8





#17

Carbon Disulfide

Concen: 49.634 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 76 Resp: 733367

Ion Ratio Lower Upper

76 100

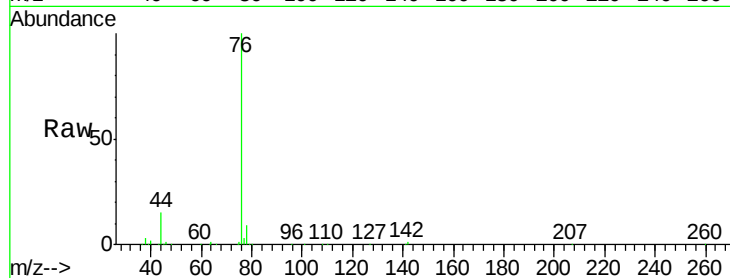
78 8.6 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

250000

200000

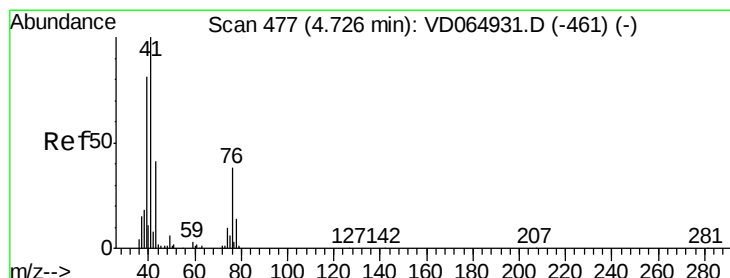
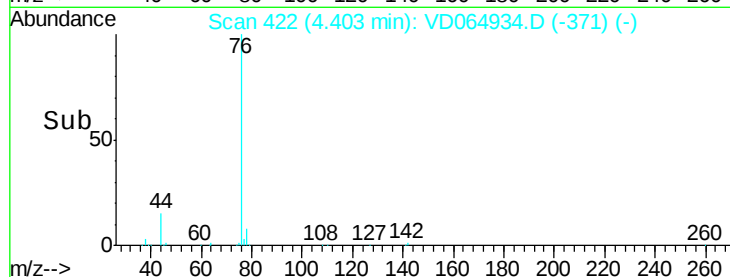
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 44.946 ug/l

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

Lab File: VD064934.D

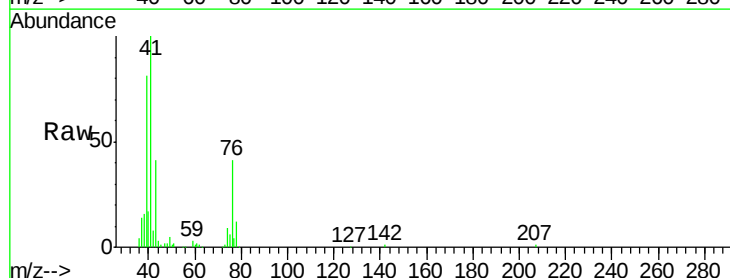
Acq: 23 Jan 2020 13:59

Tgt Ion: 43 Resp: 104138

Ion Ratio Lower Upper

43 100

74 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

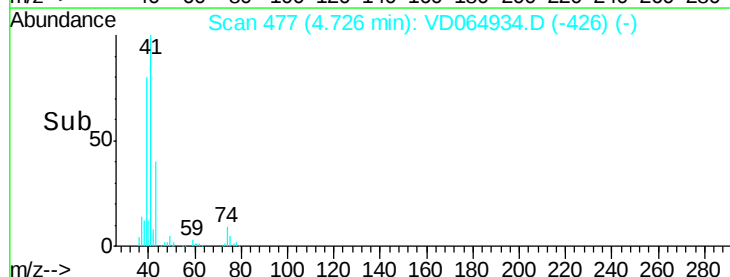
30000

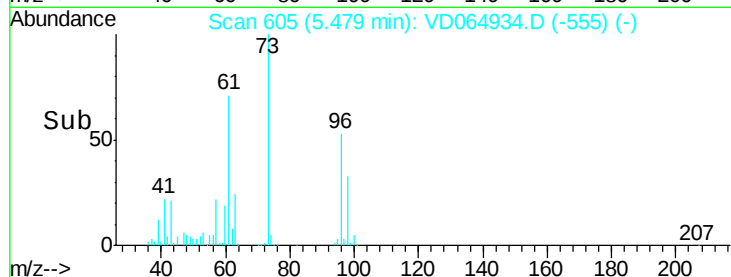
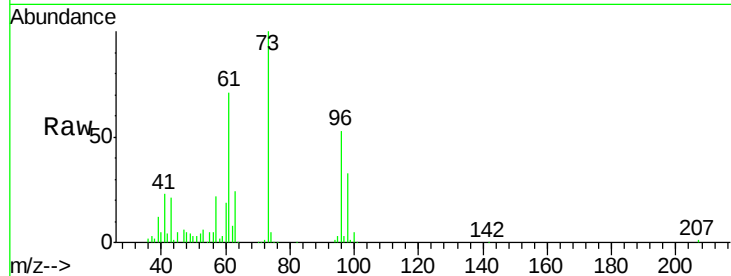
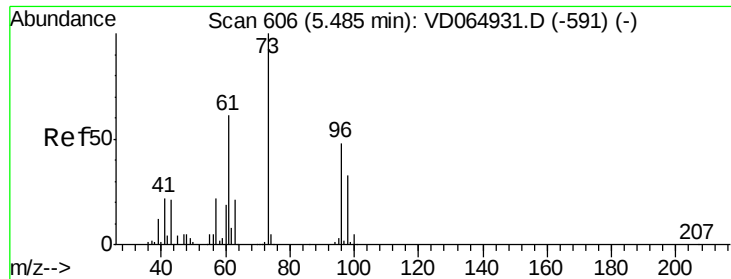
20000

10000

0

Time--> 4.60 4.70 4.80 4.90





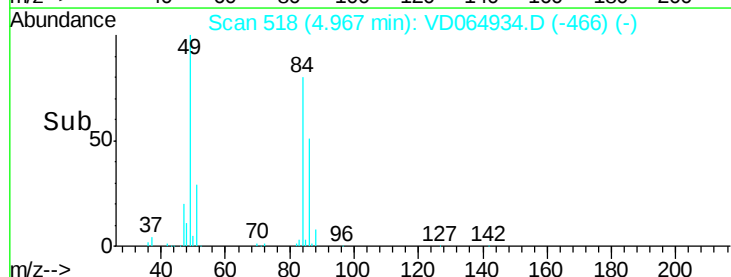
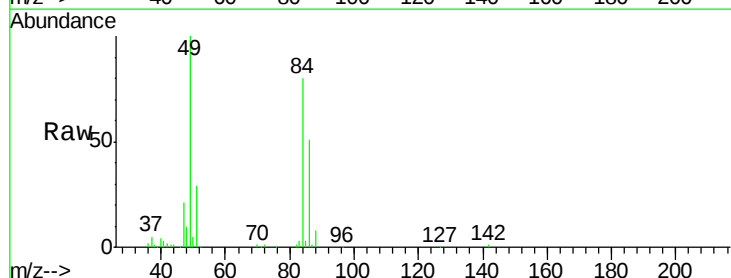
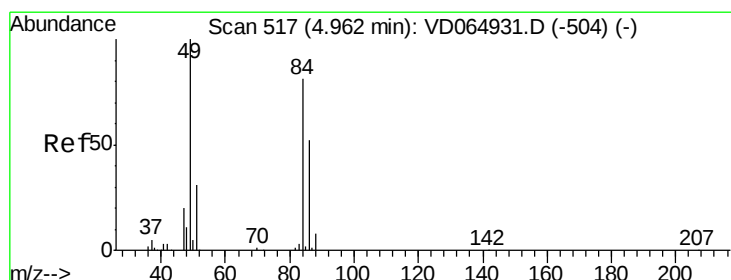
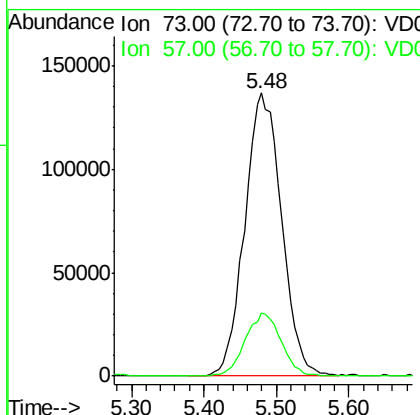
#19
Methyl tert-butyl Ether
Concen: 48.151 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tot Ion: 73 Resp: 483021
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

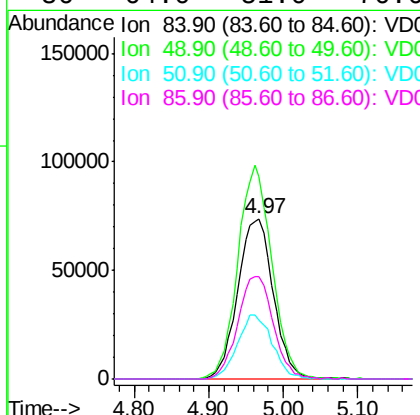
Manual Integrations
APPROVED

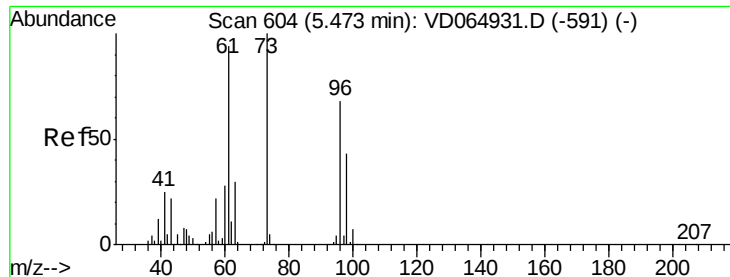
MMDadoda
1/24/2020 4:02:07 PM



#20
Methylene Chloride
Concen: 50.797 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion: 84 Resp: 243881
Ion Ratio Lower Upper
84 100
49 125.7 98.4 147.6
51 36.8 30.8 46.2
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.450 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

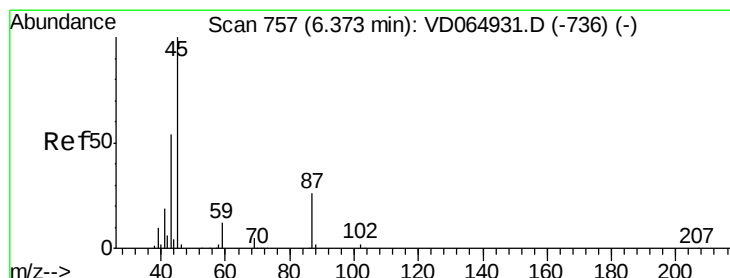
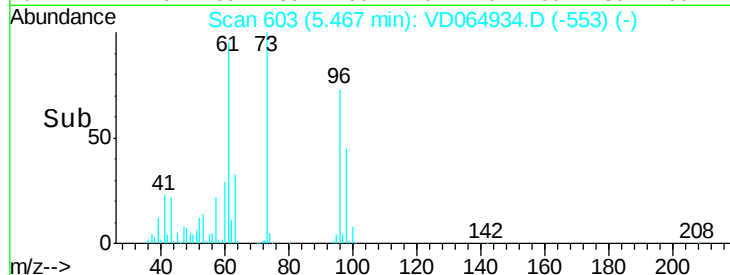
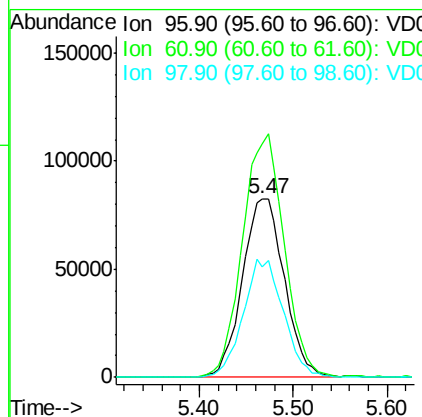
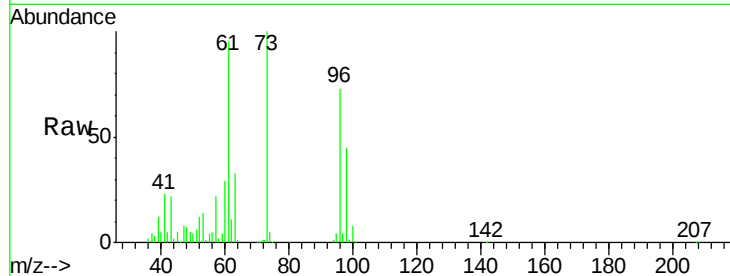
ClientSampleId :

ICVVD012320

Tot Ion:	96	Resp:	255775
Ion	Ratio	Lower	Upper
96	100		
61	130.1	110.4	165.6
98	61.8	50.5	75.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.347 ug/l

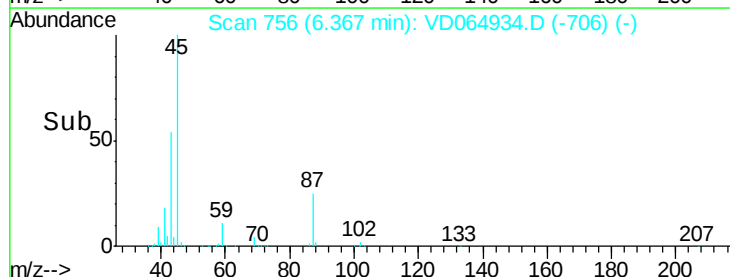
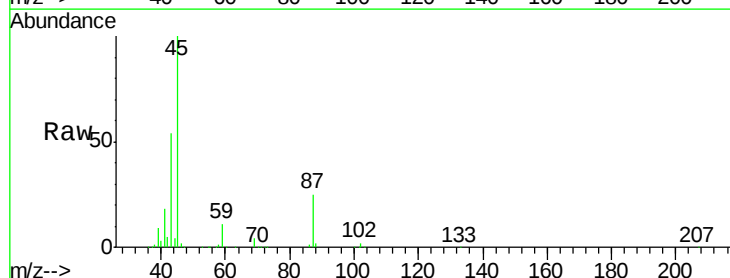
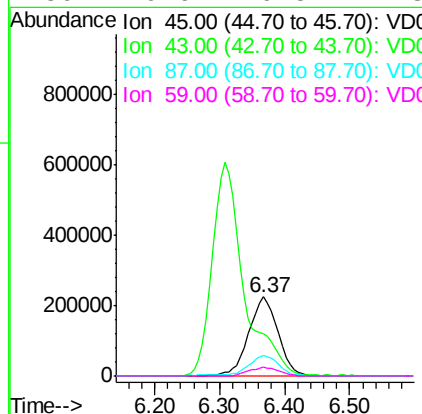
RT: 6.37 min Scan# 756

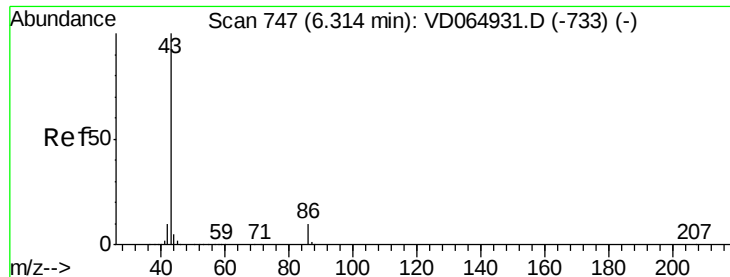
Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion:	45	Resp:	704187
Ion	Ratio	Lower	Upper
45	100		
43	53.2	43.1	64.7
87	25.3	21.4	32.2
59	10.6	9.5	14.3





#23

Vinyl Acetate

Concen: 245.511 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 43 Resp: 2051211

Ion Ratio Lower Upper

43 100

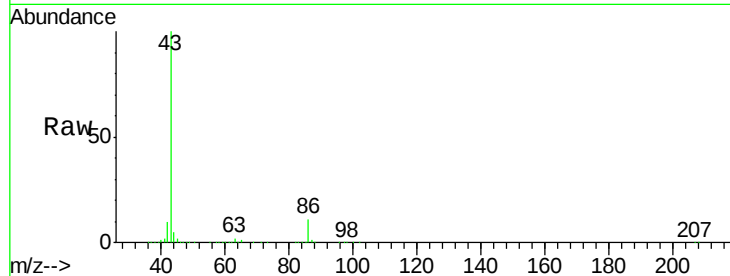
86 10.6 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

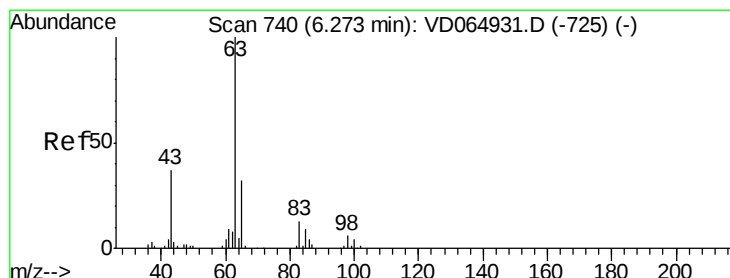
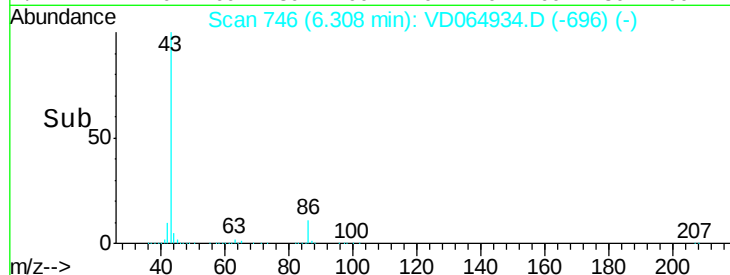
600000

400000

200000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 48.632 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

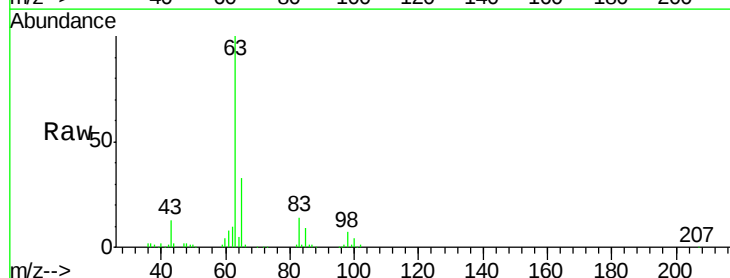
Tgt Ion: 63 Resp: 426090

Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.3

100 4.1 2.3 6.8



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

6.26

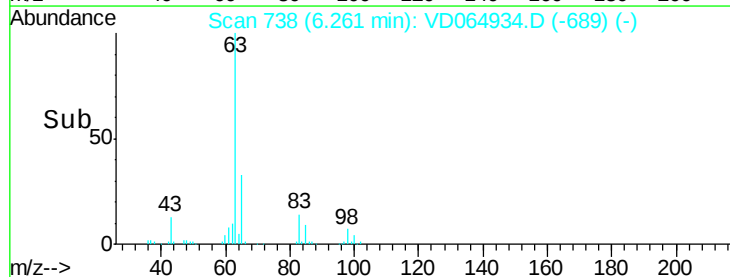
150000

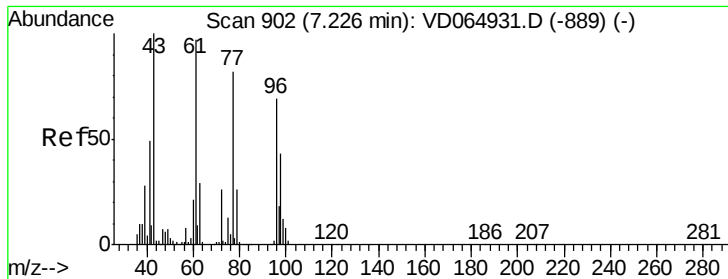
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 231.367 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 43 Resp: 309233

Ion Ratio Lower Upper

43 100

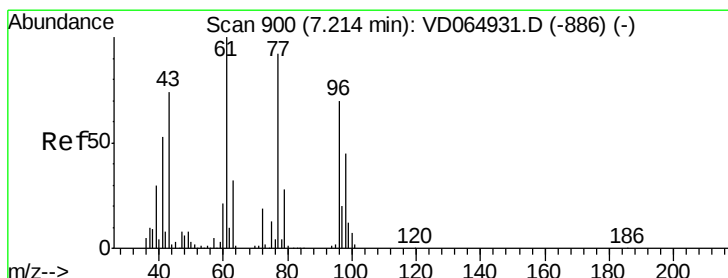
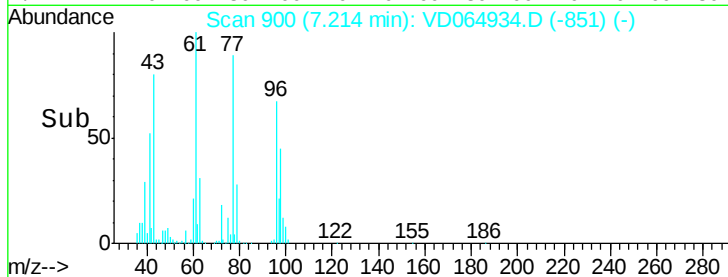
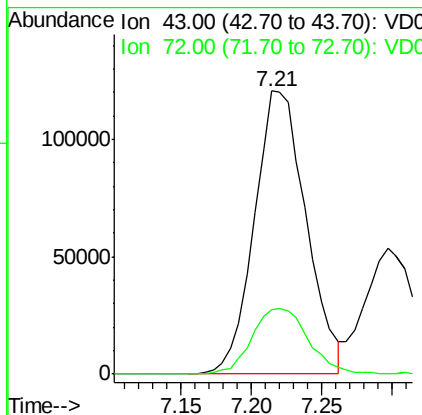
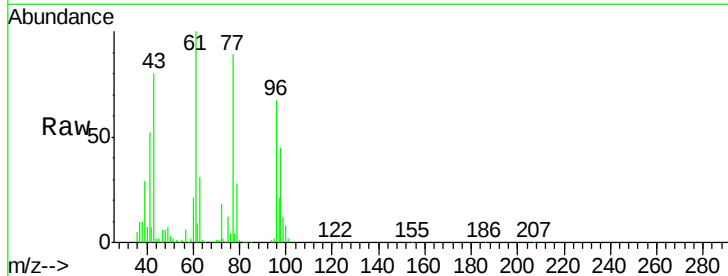
72 22.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 49.568 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064934.D

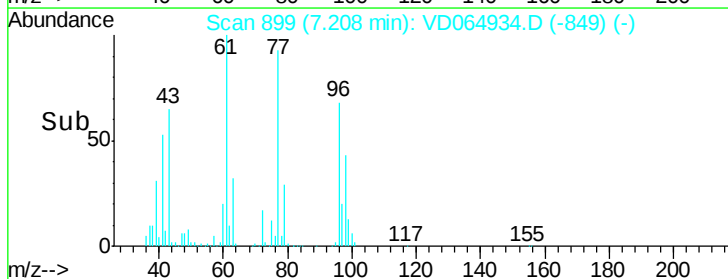
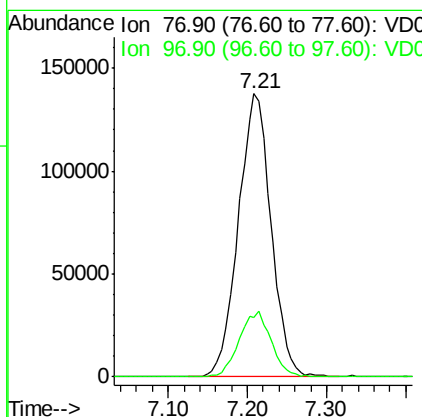
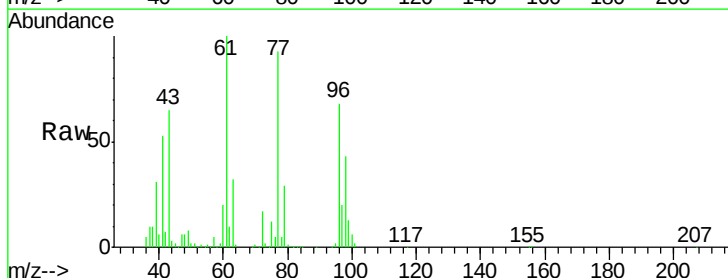
Acq: 23 Jan 2020 13:59

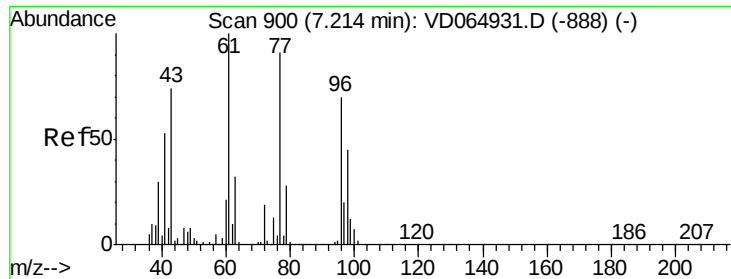
Tgt Ion: 77 Resp: 393921

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

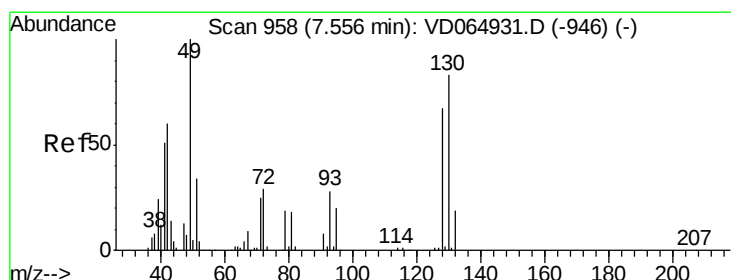
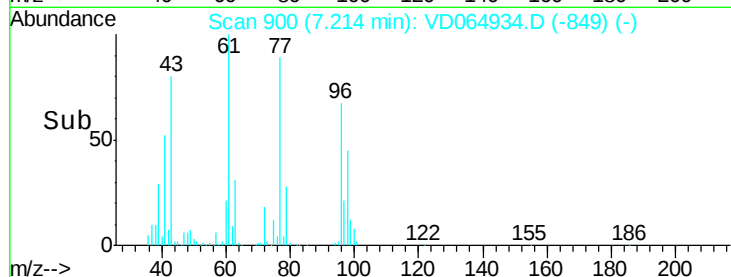
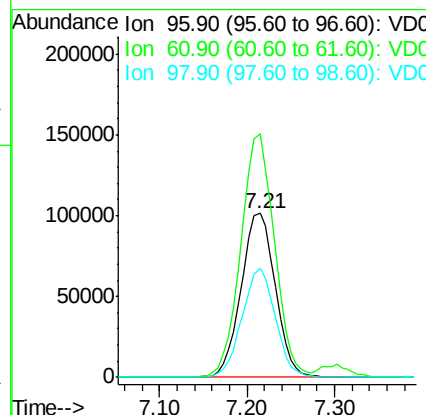
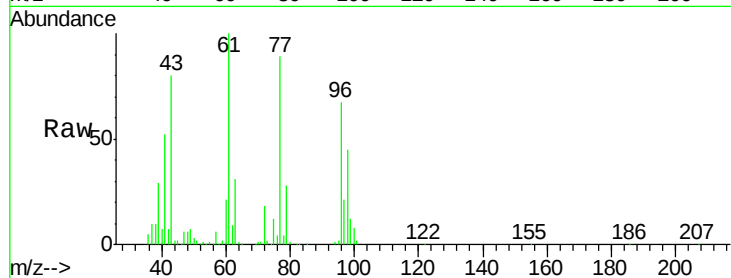
cis-1,2-Dichloroethene
Concen: 48.621 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Resp	Lower	Upper
96	100	268428		
61	146.2	0.0	292.8	
98	64.8	0.0	130.0	

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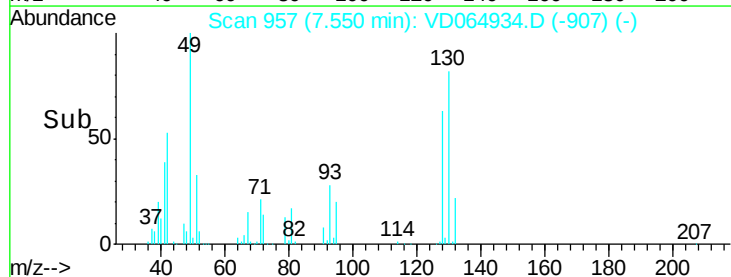
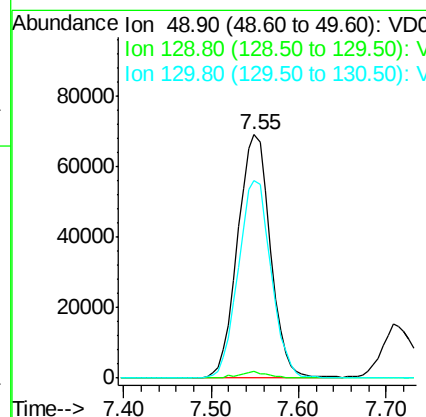
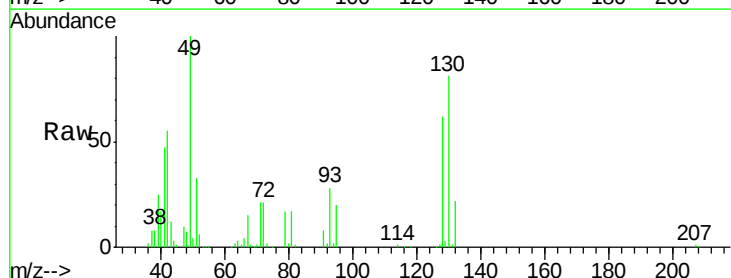
MMDadoda
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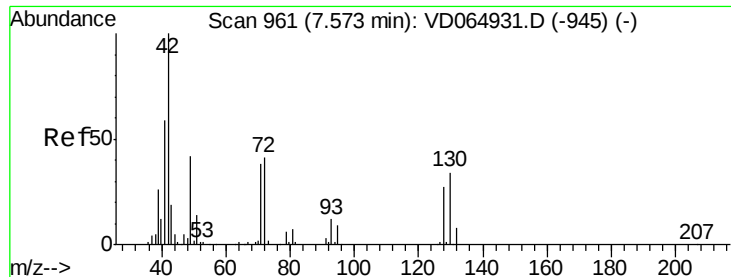


#28

Bromochloromethane
Concen: 50.077 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175468		
129	2.3	0.0	4.4	
130	81.2	63.8	95.8	





#29

Tetrahydrofuran

Concen: 222.983 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

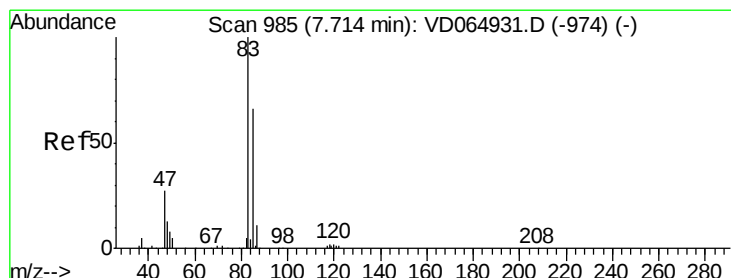
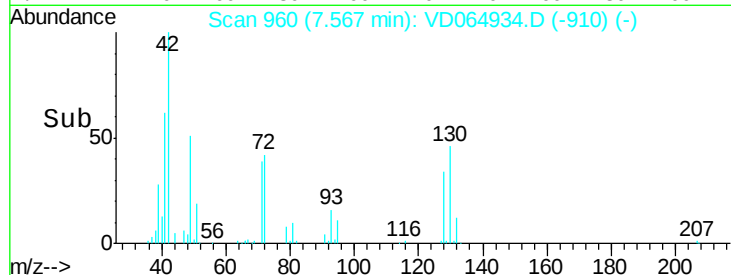
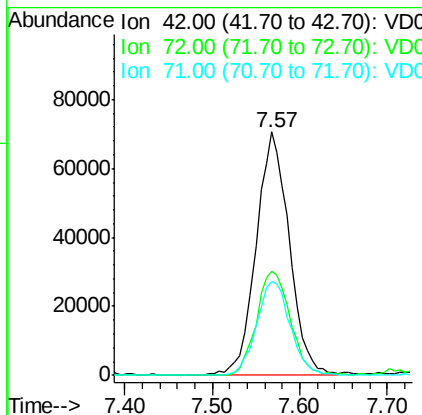
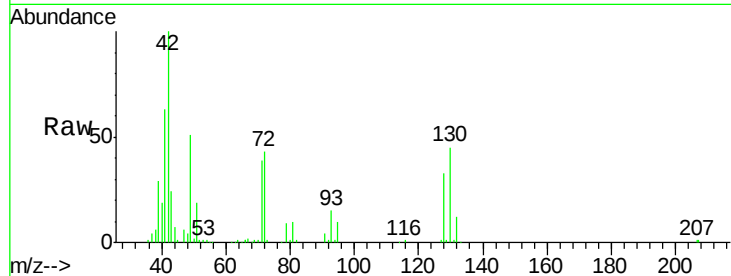
ClientSampleId :

ICVVD012320

Tot Ion:	42	Resp:	183883
Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.0	51.0
71	39.5	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 48.187 ug/l

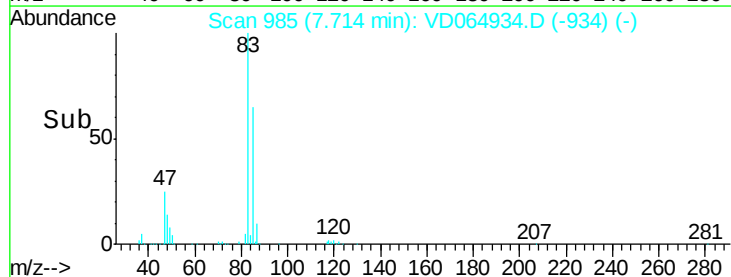
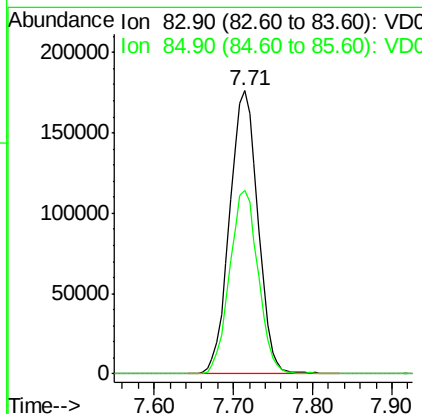
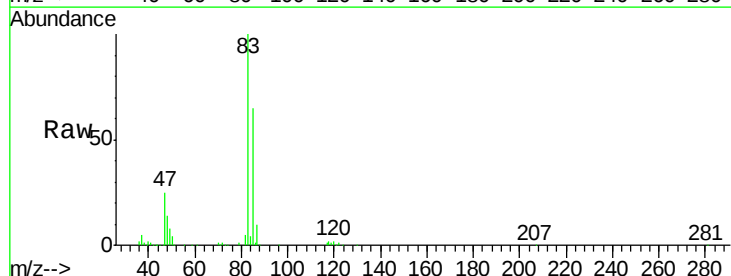
RT: 7.71 min Scan# 985

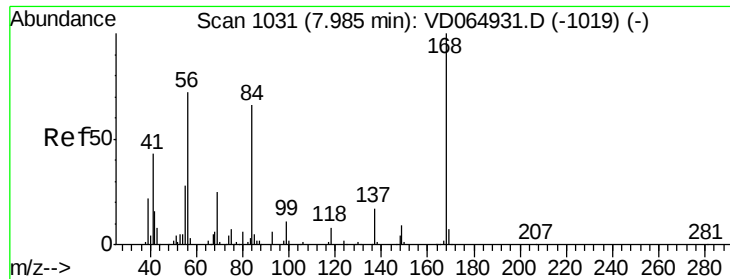
Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion:	83	Resp:	436429
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6





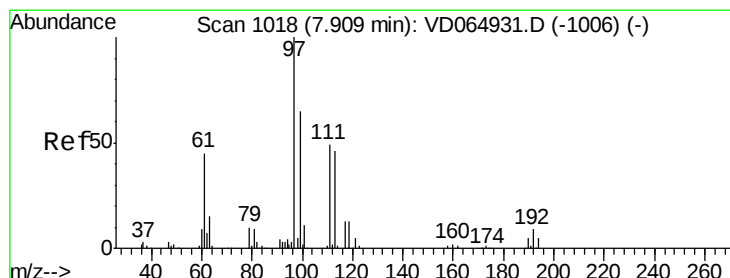
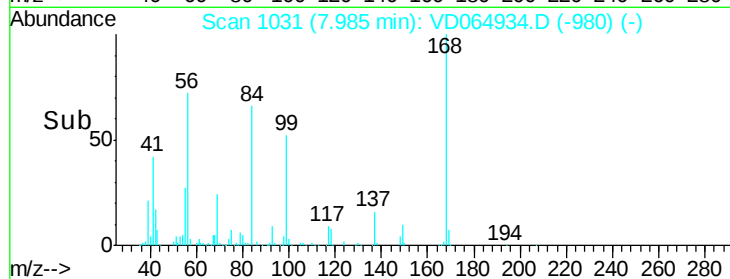
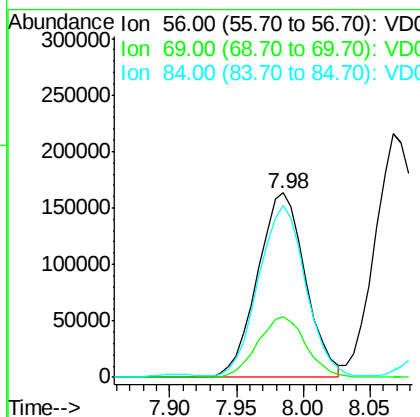
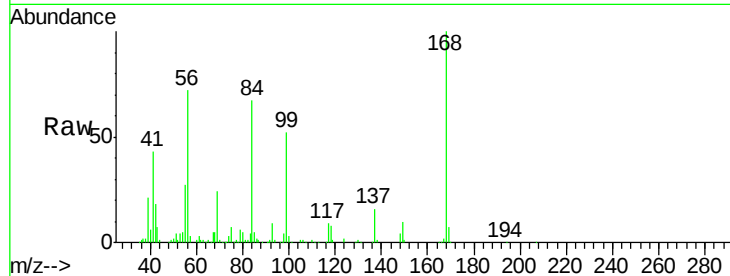
#31
Cyclohexane
Concen: 47.122 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.9	41.9
84	91.7	72.8	109.2

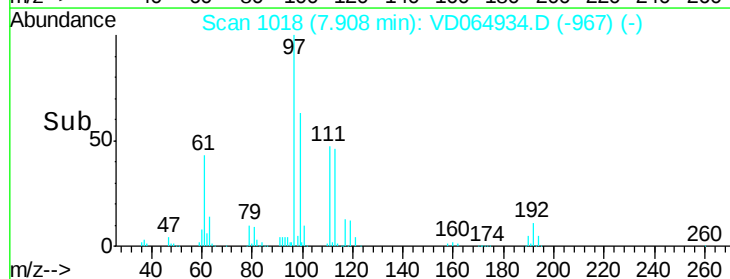
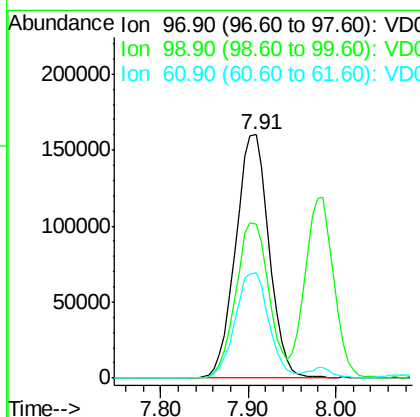
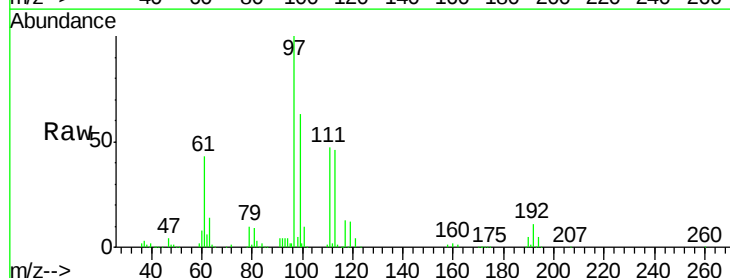
Manual Integrations
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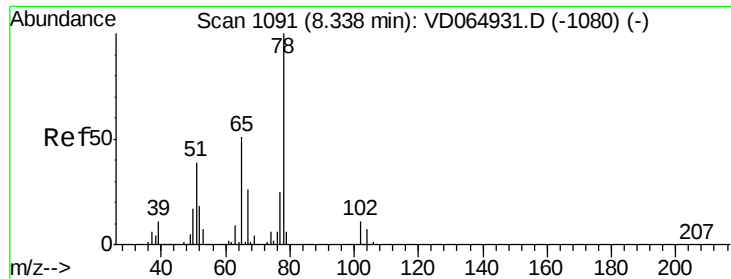
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#32
1,1,1-Trichloroethane
Concen: 49.094 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	43.8	35.7	53.5





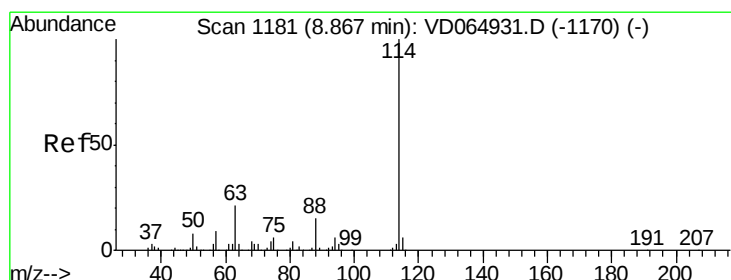
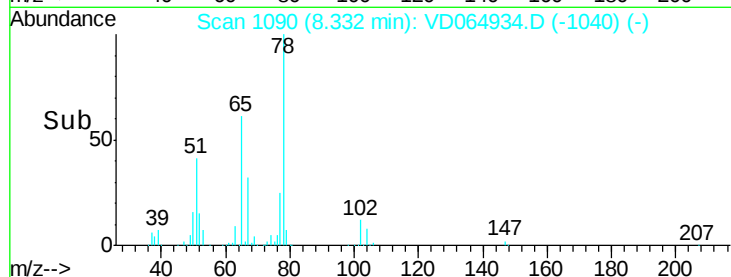
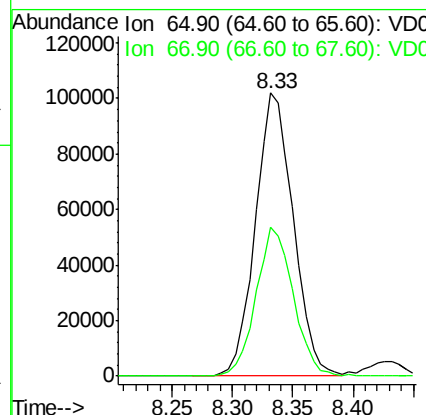
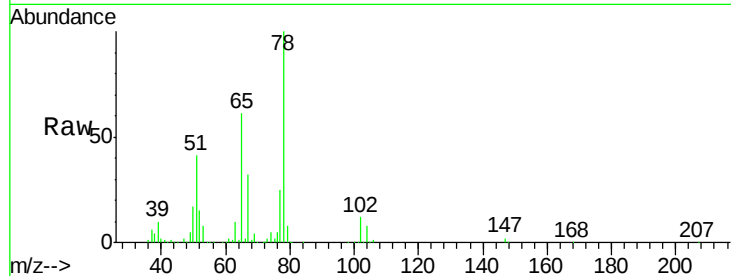
#33
 1,2-Dichloroethane-d4
 Concen: 45.129 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Resp	Lower	Upper
65	100	223262		
67	51.6	0.0	103.6	

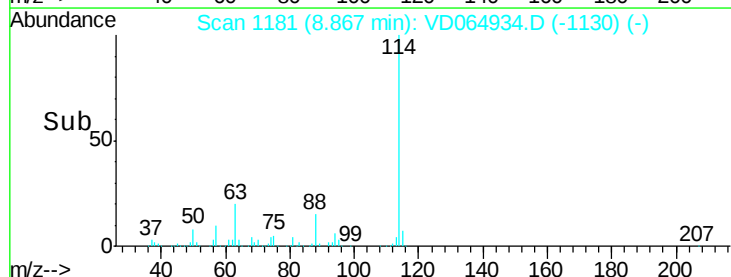
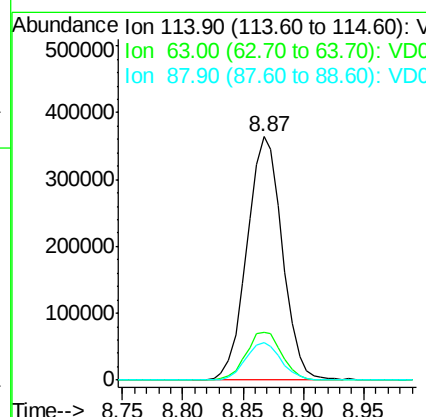
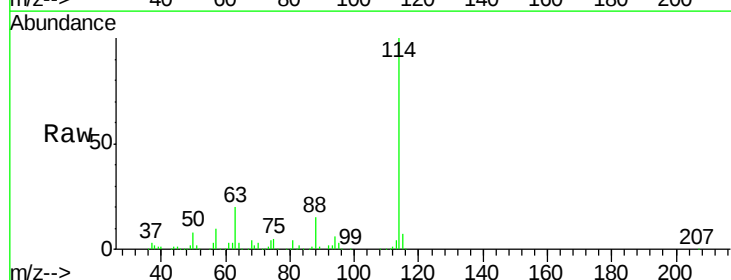
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	741728		
63	19.7	0.0	42.0	
88	15.4	0.0	29.4	





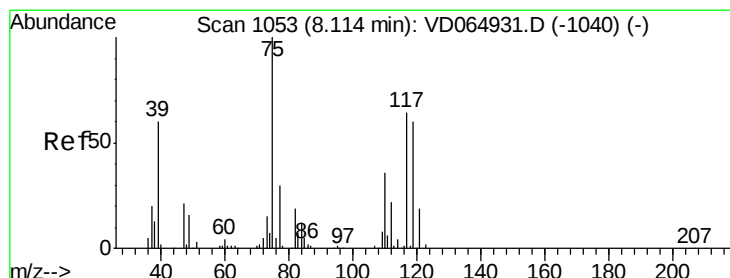
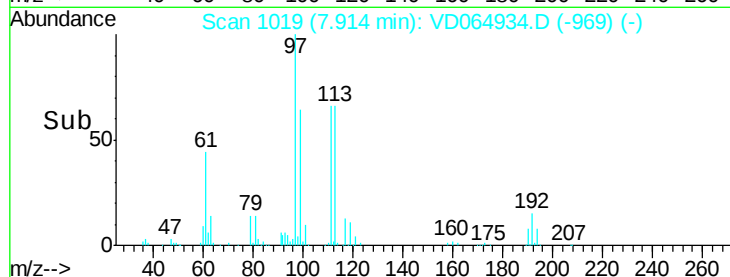
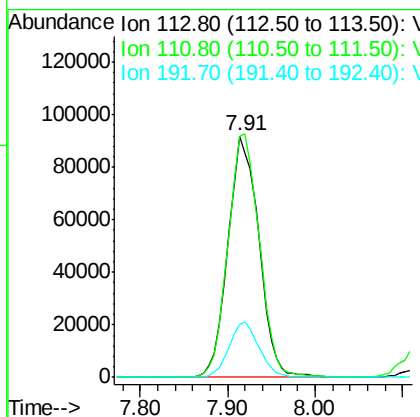
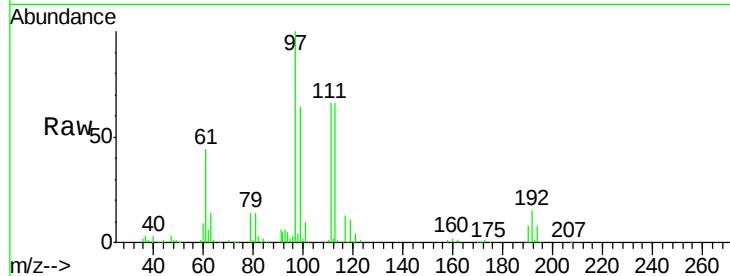
#35
Dibromofluoromethane
Concen: 47.382 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Resp	Lower	Upper
113	100	220855		
111	102.3	82.4	123.6	
192	22.3	16.9	25.3	

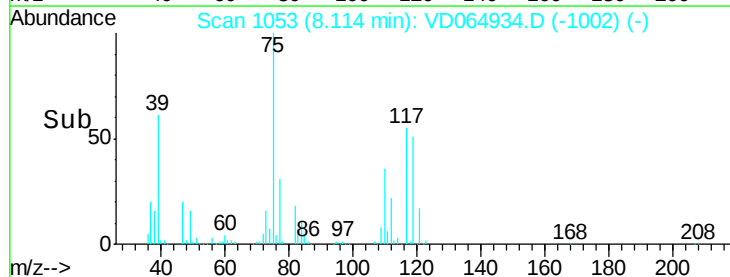
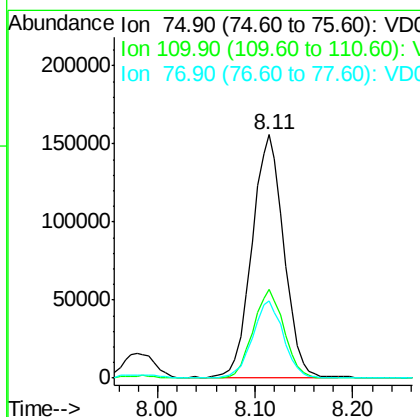
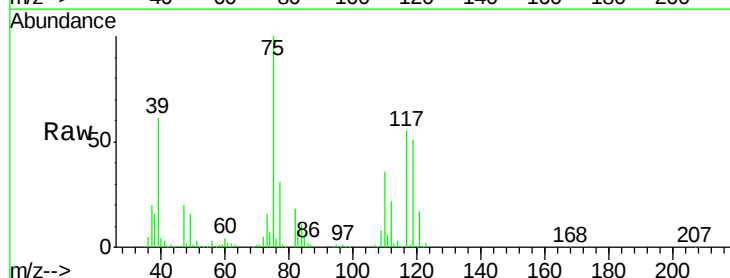
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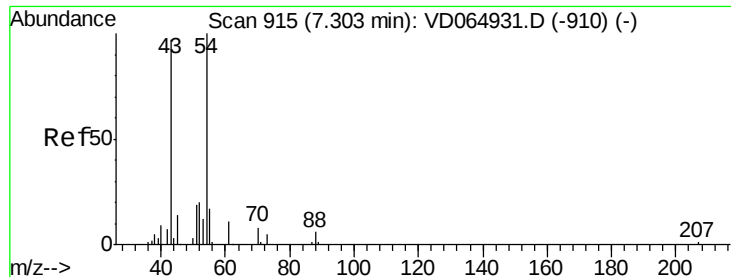
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#36
1,1-Dichloropropene
Concen: 49.742 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	355776		
110	35.5	17.3	52.0	
77	31.1	24.7	37.1	





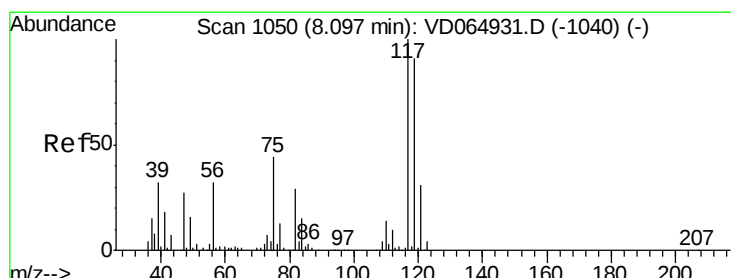
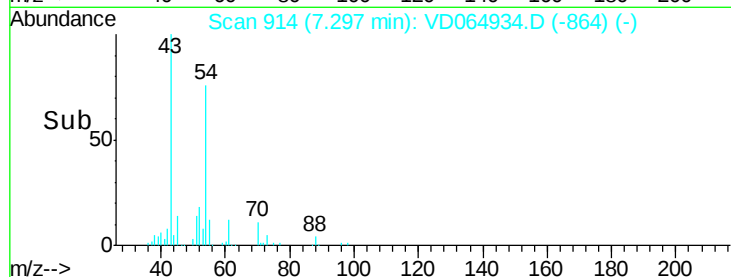
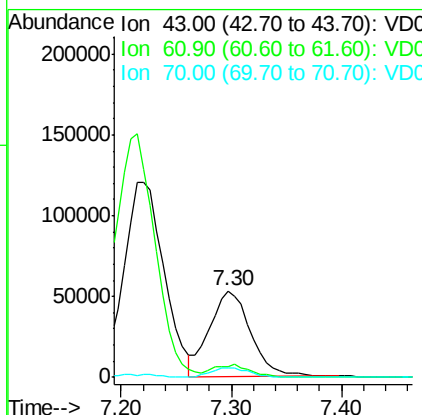
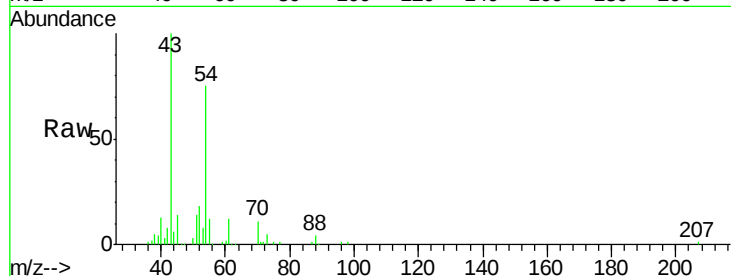
#37
Ethyl Acetate
Concen: 46.615 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.0	16.4
70	10.2	7.5	11.3

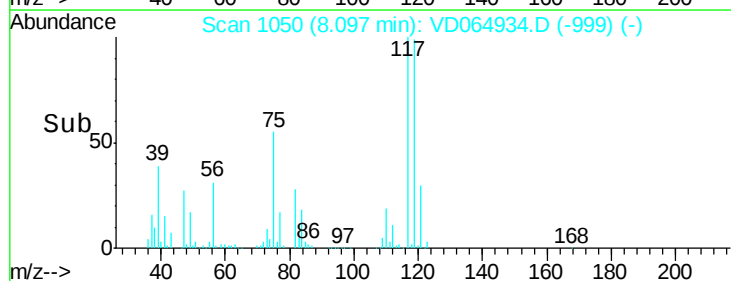
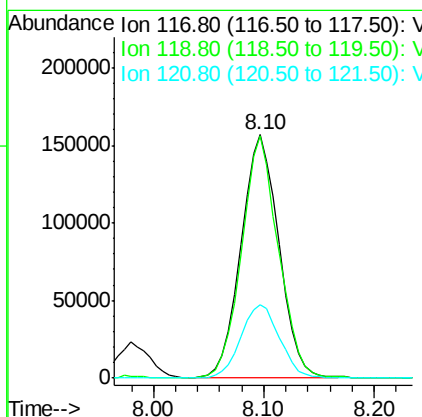
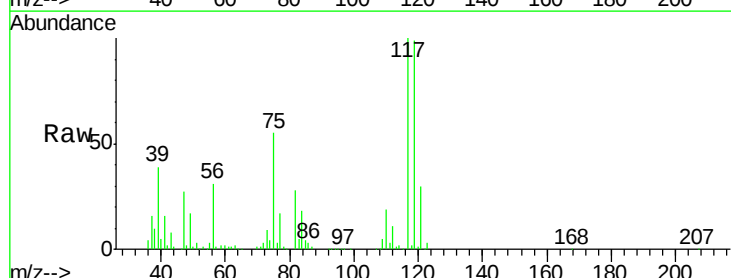
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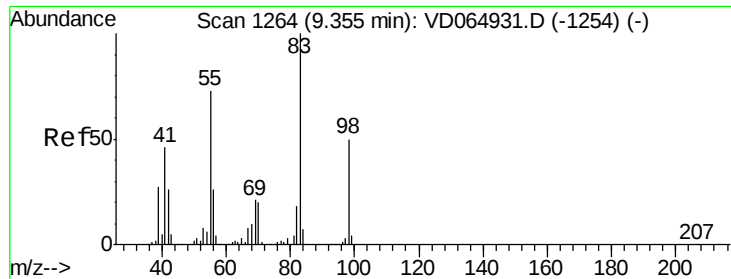
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#38
Carbon Tetrachloride
Concen: 49.675 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	73.2	109.8
121	30.1	24.4	36.6





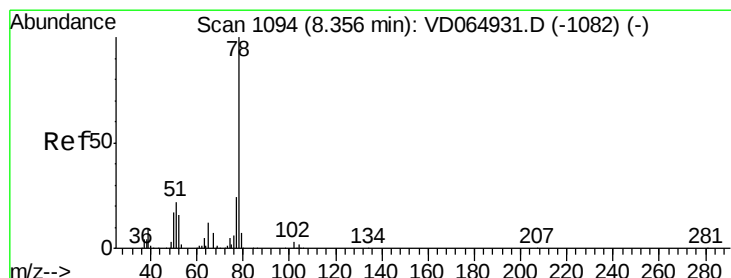
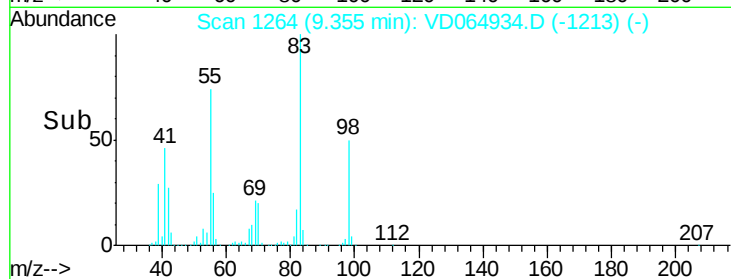
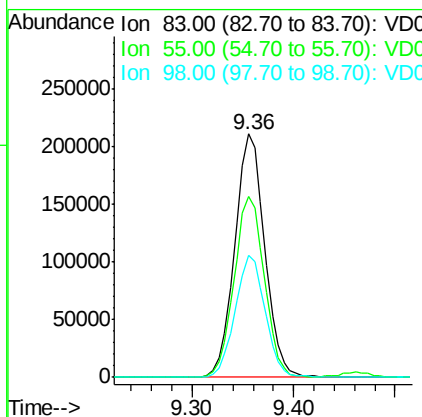
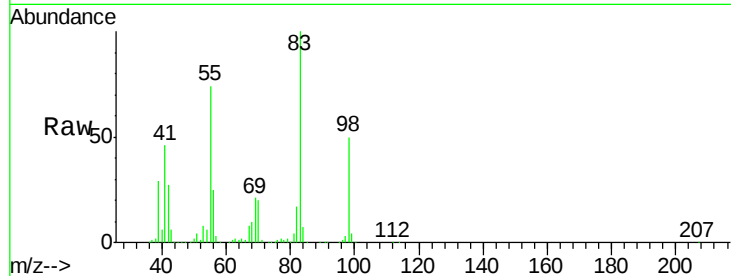
#39
Methvlcvclohexane
Concen: 51.783 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	58.7	88.1
98	50.2	40.2	60.2

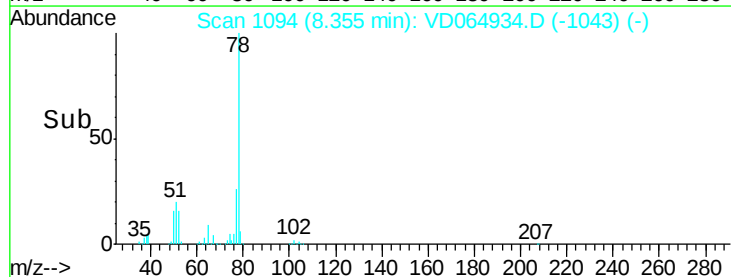
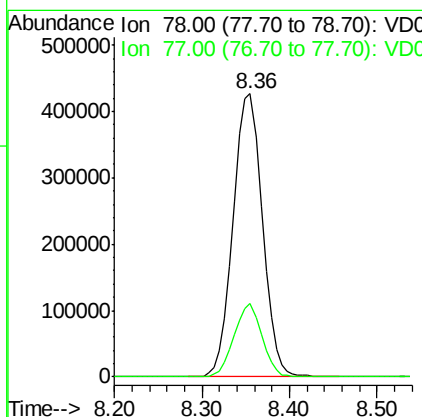
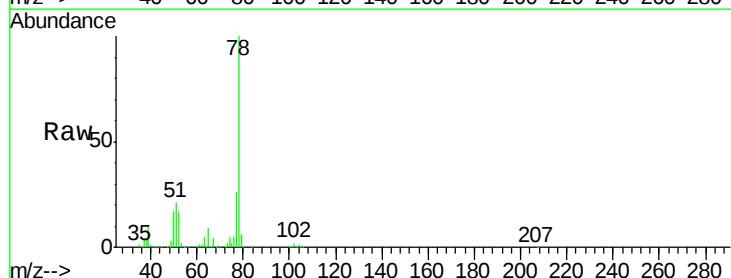
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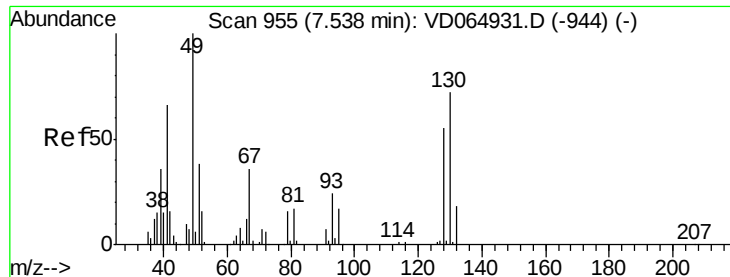
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#40
Benzene
Concen: 49.293 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.2	28.8





#41

Methacrylonitrile

Concen: 51.195 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 41 Resp: 81477

Ion Ratio Lower Upper

41 100

39 46.1 49.3 73.9#

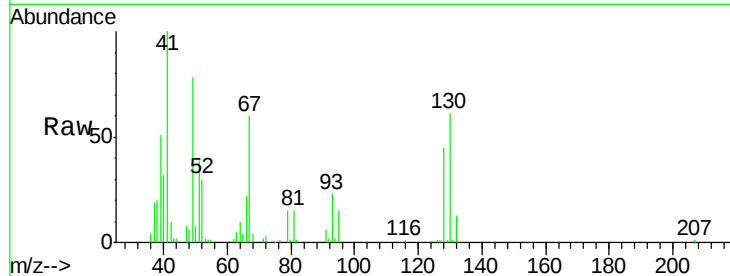
67 68.1 51.0 76.6

52 30.7 22.3 33.5

Manual Integrations
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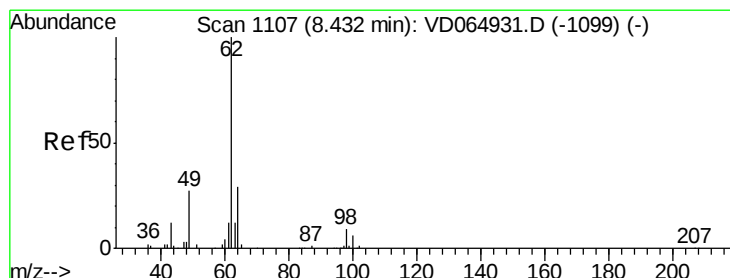
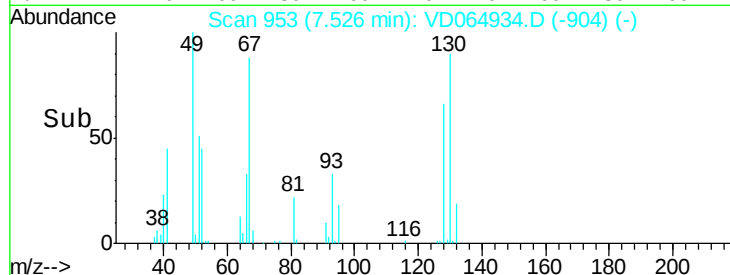
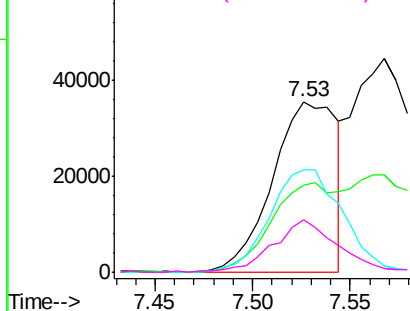


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 47.167 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD064934.D

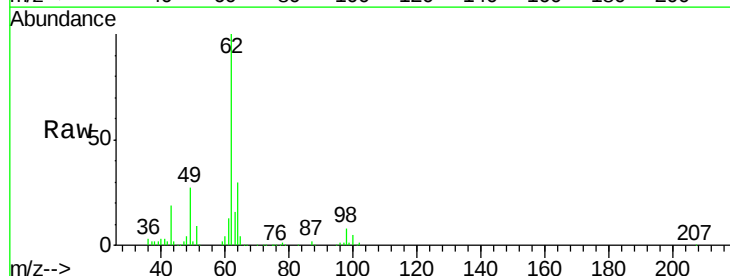
Acq: 23 Jan 2020 13:59

Tgt Ion: 62 Resp: 276774

Ion Ratio Lower Upper

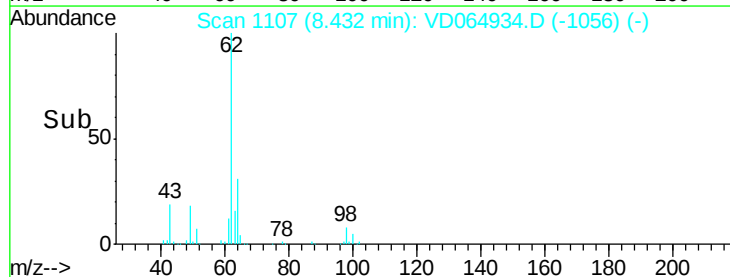
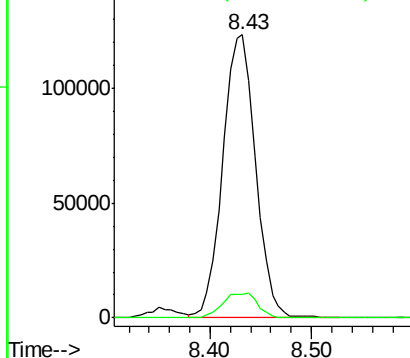
62 100

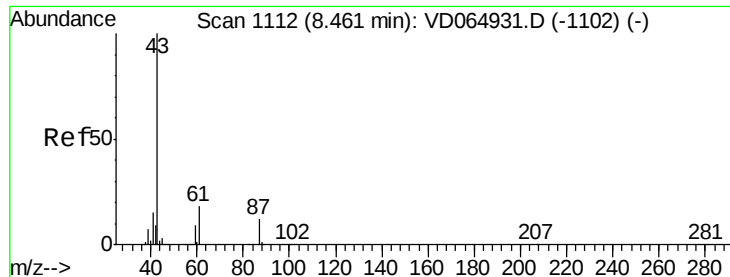
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.962 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

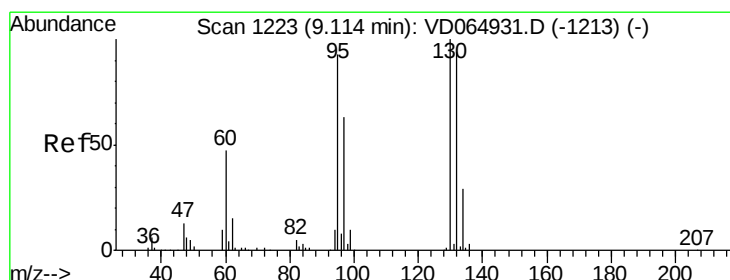
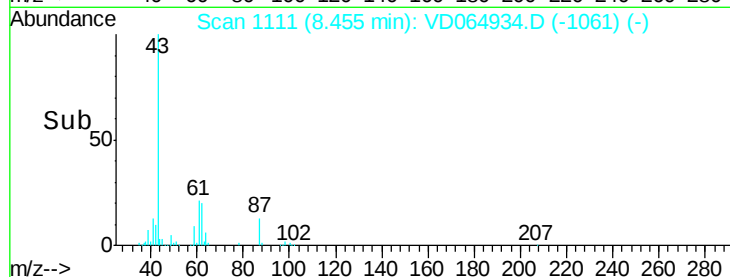
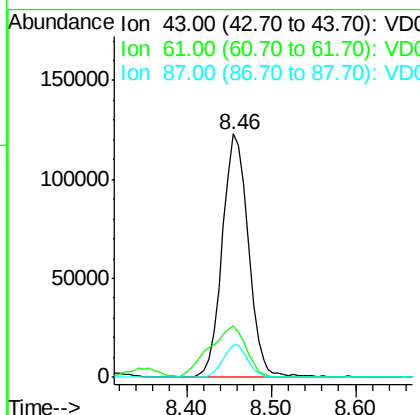
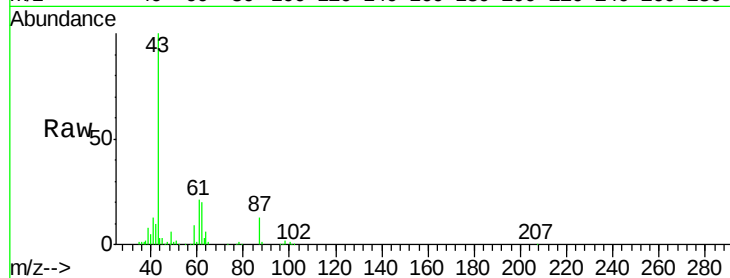
ClientSampleId :

ICVVD012320

Tot Ion:	43	Resp:	263546
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.6
87	12.7	10.3	15.5

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#44

Trichloroethene

Concen: 49.556 ug/l

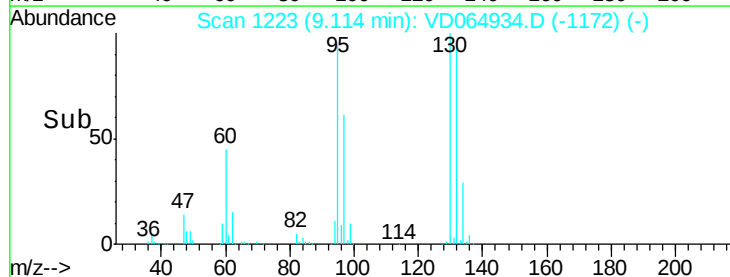
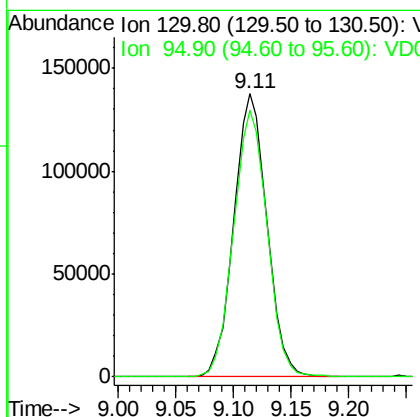
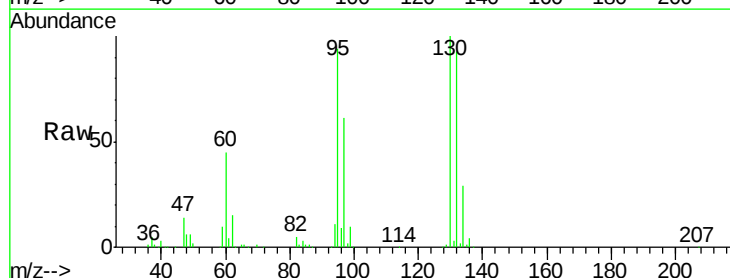
RT: 9.11 min Scan# 1223

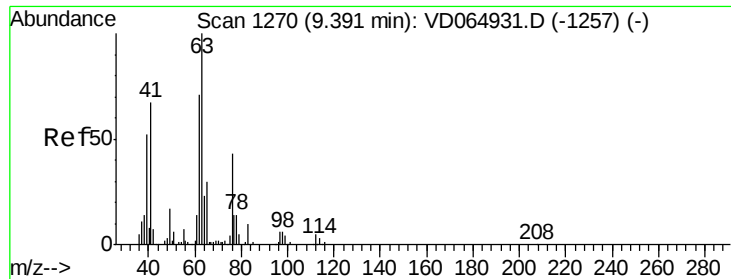
Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion:	130	Resp:	273205
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	185.8





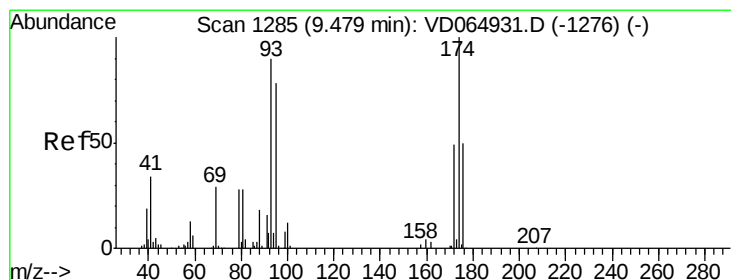
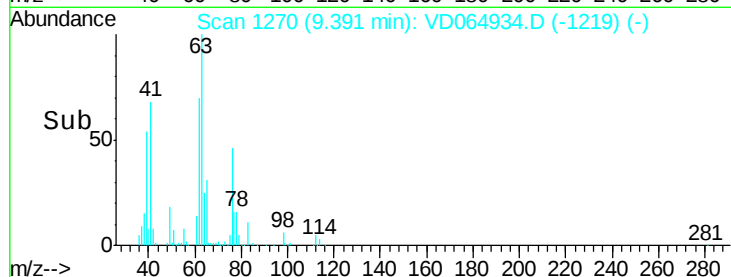
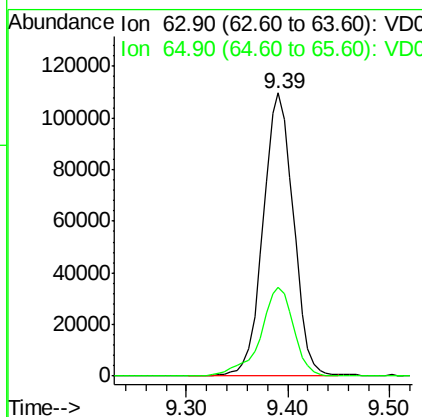
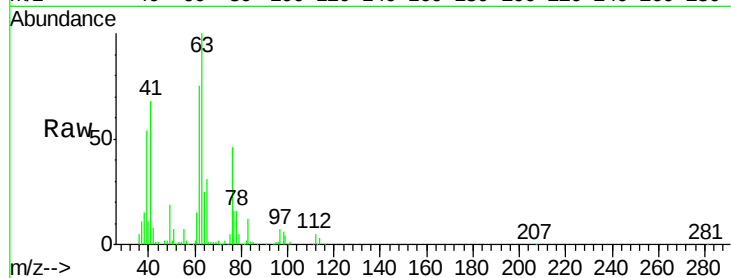
#45
 1,2-Dichloropropane
 Concen: 48.116 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.3	36.5

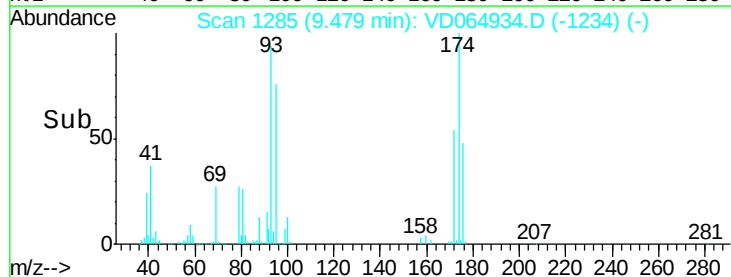
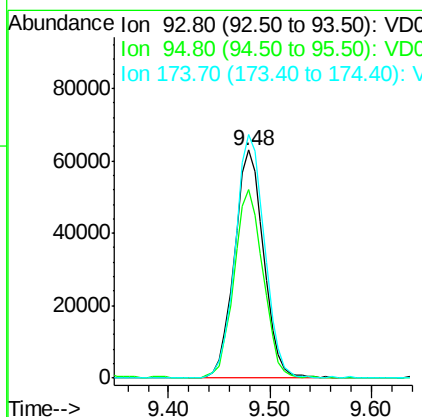
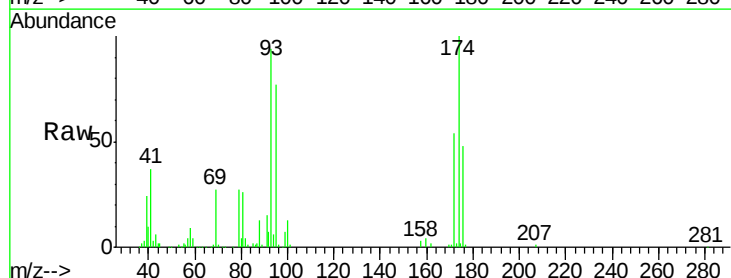
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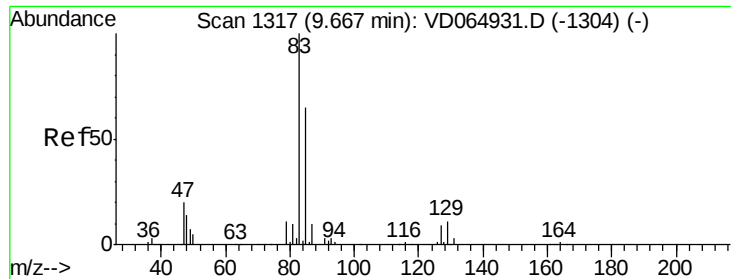
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#46
 Dibromomethane
 Concen: 48.402 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.5	101.3
174	106.6	88.4	132.6





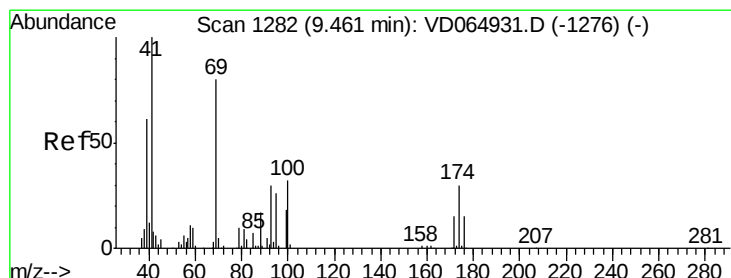
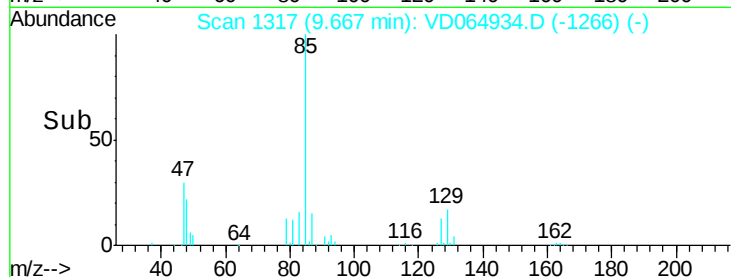
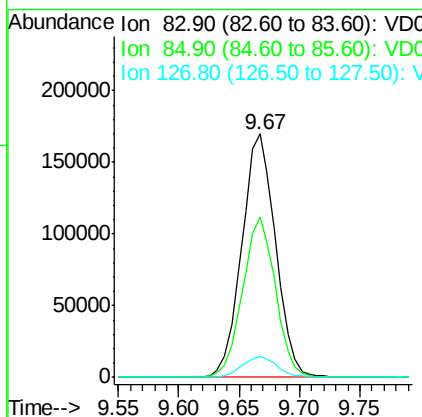
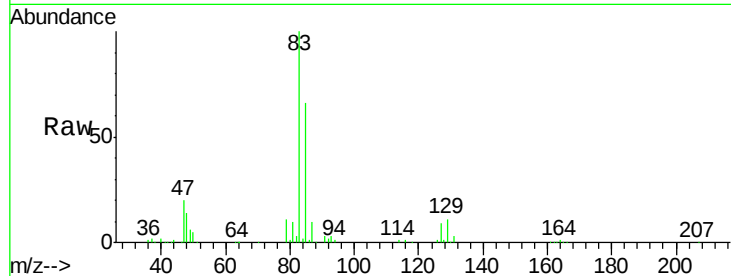
#47
Bromodichloromethane
Concen: 48.864 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Resp	Lower	Upper
83	100	331501		
85	65.8	52.0	78.0	
127	8.8	7.3	10.9	

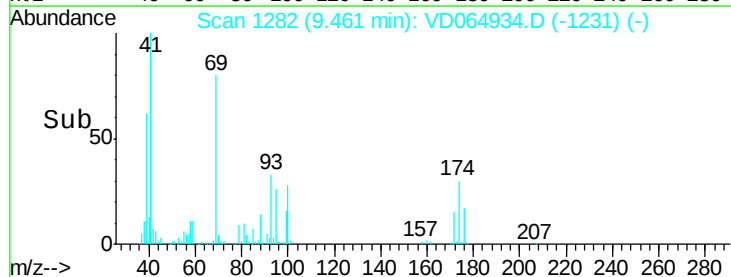
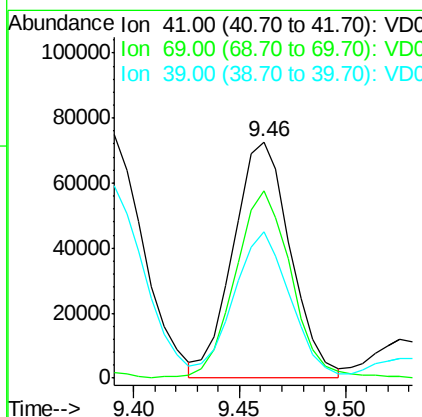
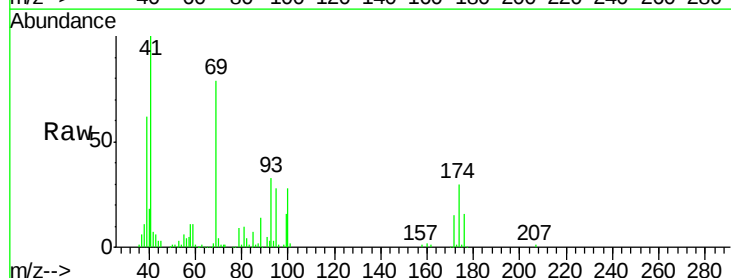
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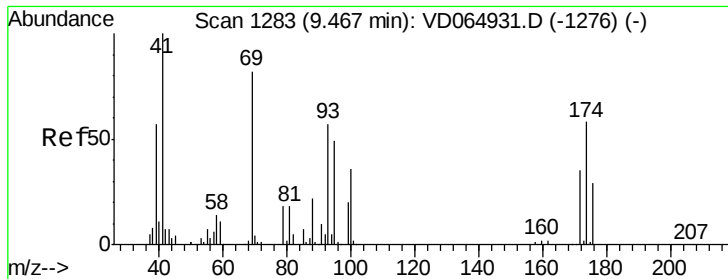
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#48
Methyl methacrylate
Concen: 52.508 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	135603		
69	77.5	65.8	98.8	
39	58.4	49.4	74.0	





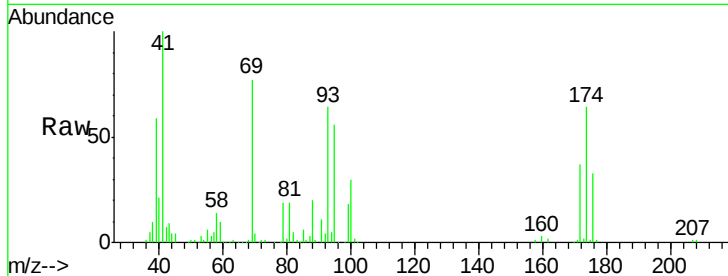
#49
1,4-Dioxane
Concen: 855.828 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

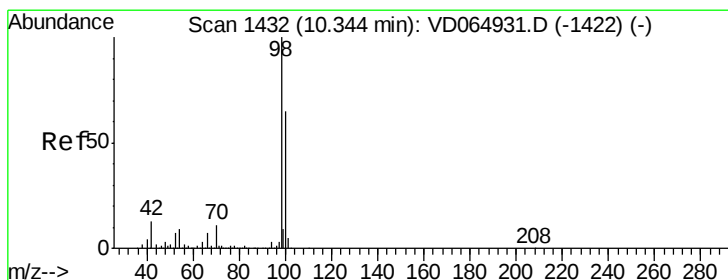
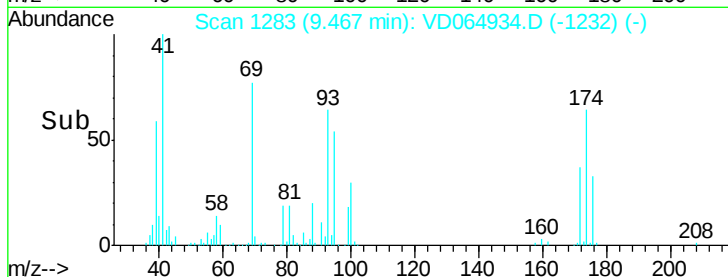
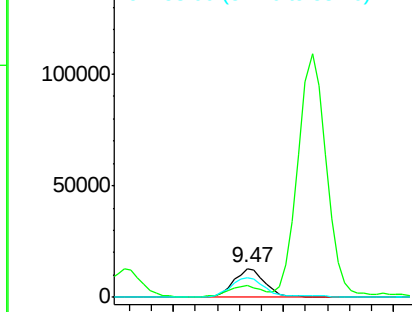
Tot Ion	Ratio	Lower	Upper
88	100		
43	43.7	26.2	39.4#
58	74.1	50.3	75.5

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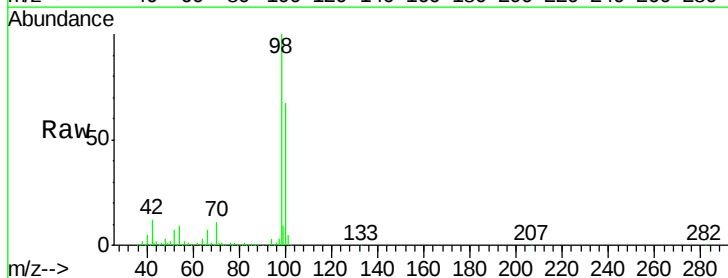


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

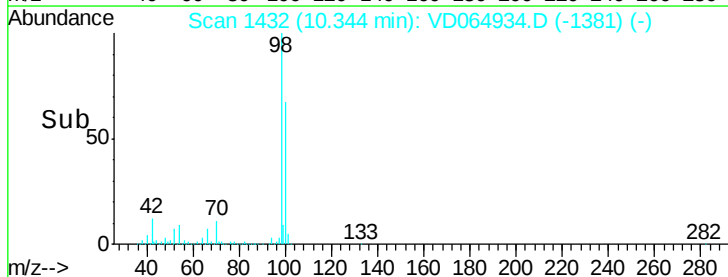
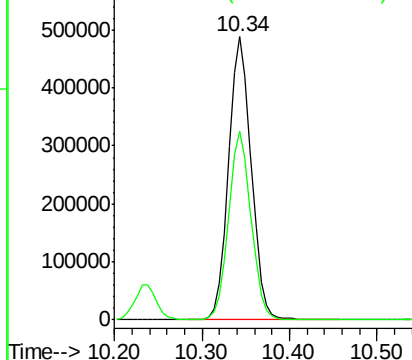


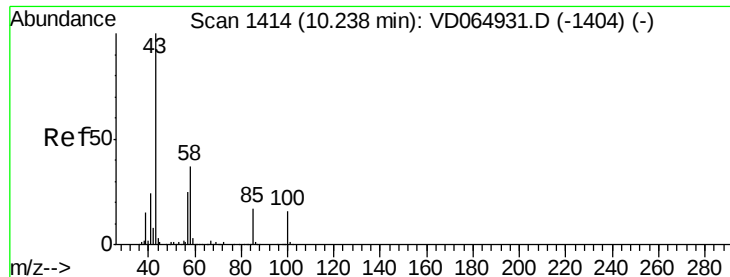
#50
Toluene-d8
Concen: 48.034 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 233.863 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 43 Resp: 656679

Ion Ratio Lower Upper

43 100

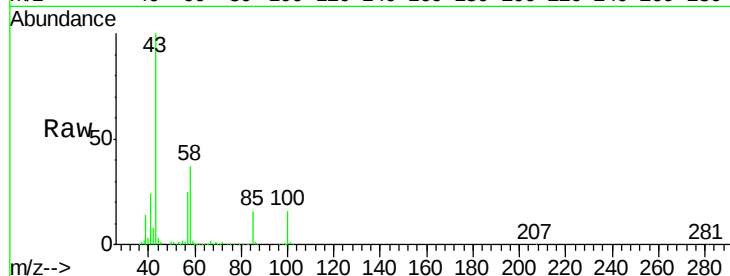
58 37.6 30.4 45.6

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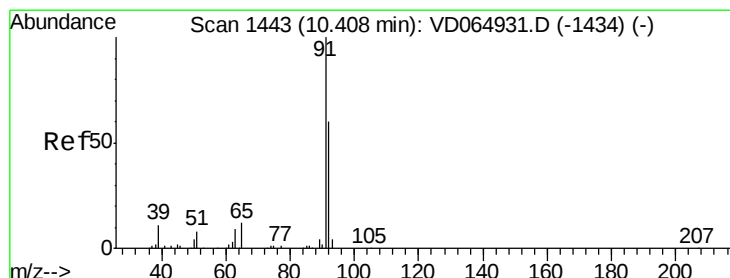
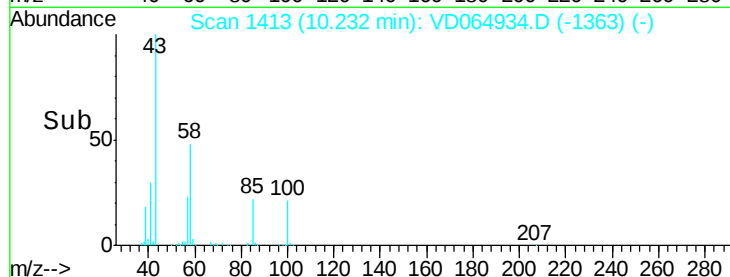
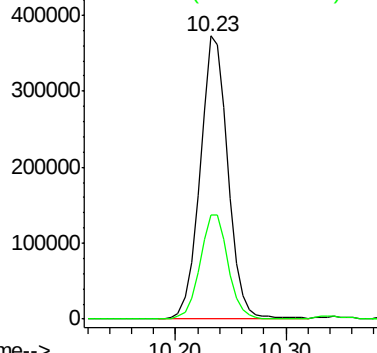
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.715 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064934.D

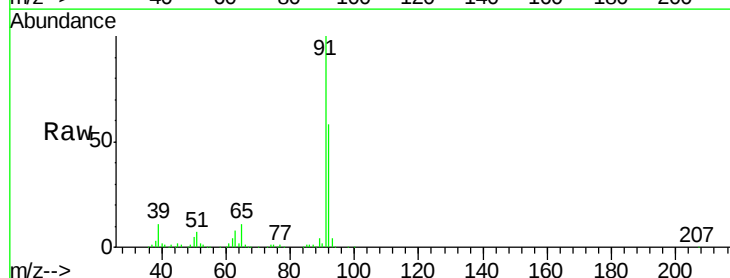
Acq: 23 Jan 2020 13:59

Tgt Ion: 92 Resp: 631387

Ion Ratio Lower Upper

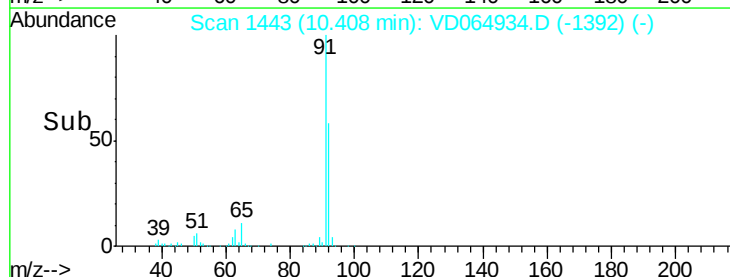
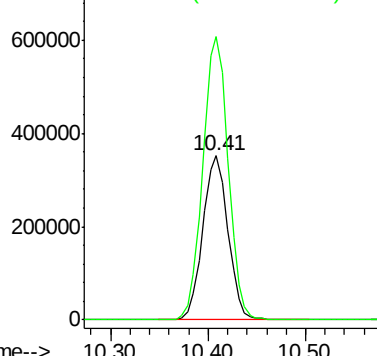
92 100

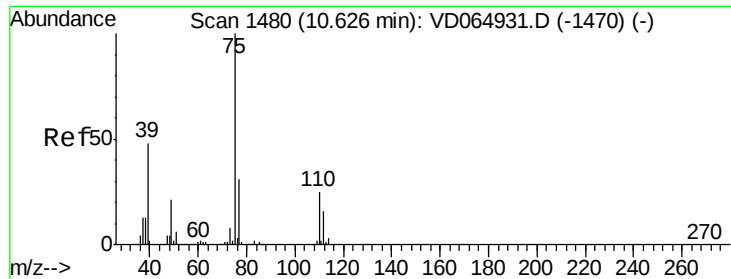
91 174.0 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





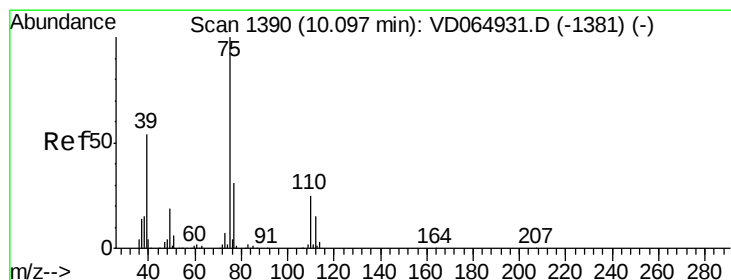
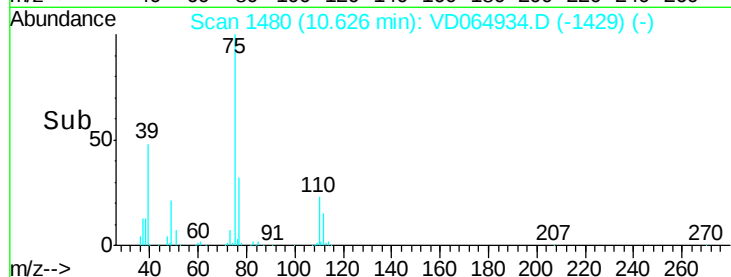
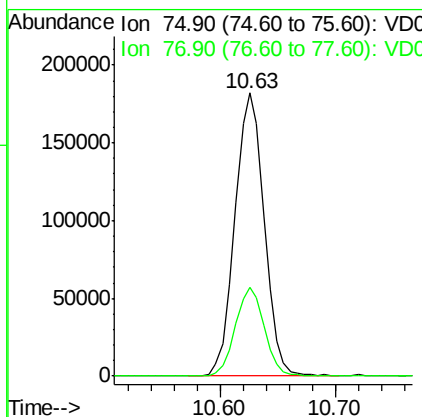
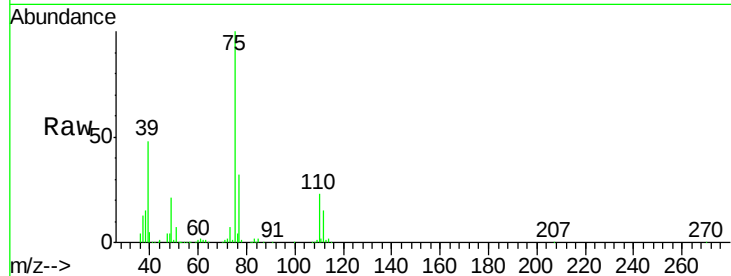
#53
t-1,3-Dichloropropene
Concen: 49.464 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6

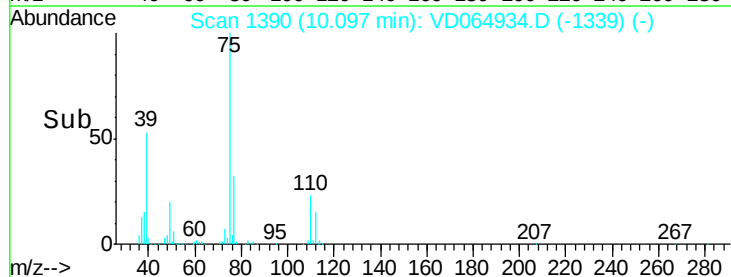
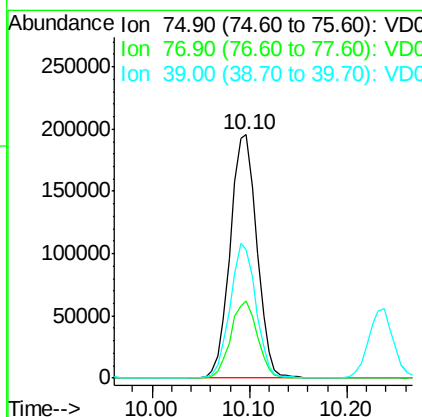
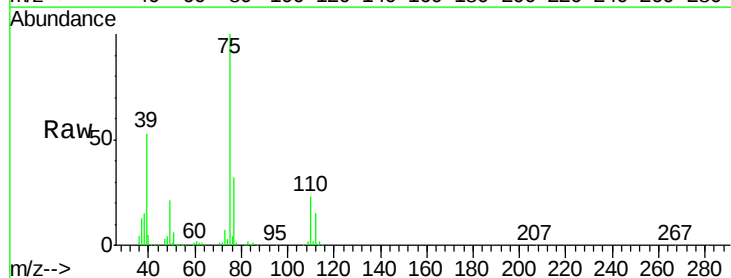
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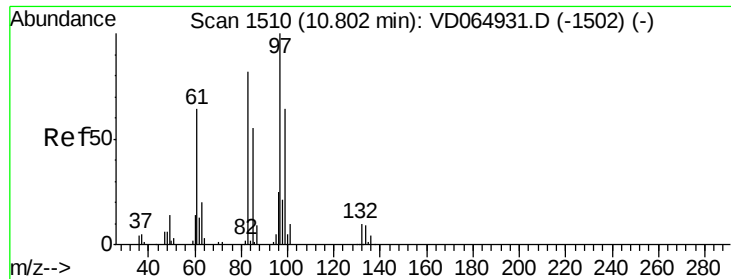
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#54
cis-1,3-Dichloropropene
Concen: 49.305 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7
39	52.6	43.0	64.6





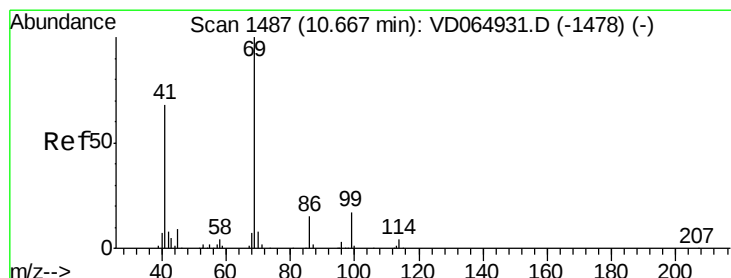
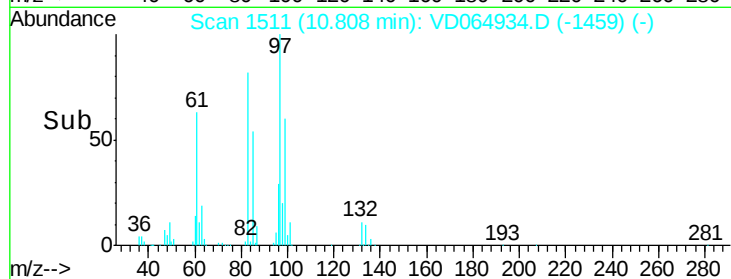
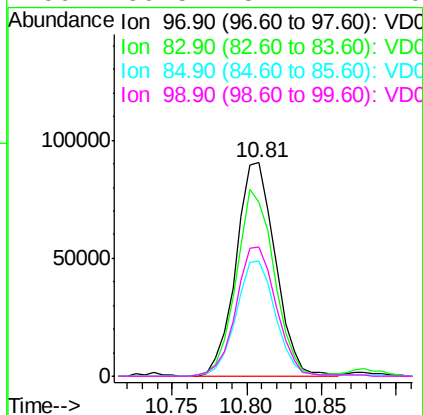
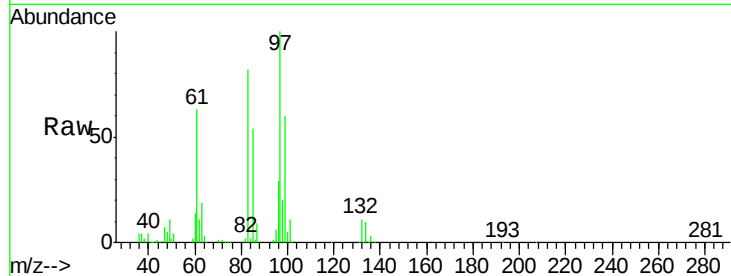
#55
 1,1,2-Trichloroethane
 Concen: 47.237 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion:	97	Resp:	165888
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.0	99.0
85	53.7	44.4	66.6
99	60.5	51.4	77.0

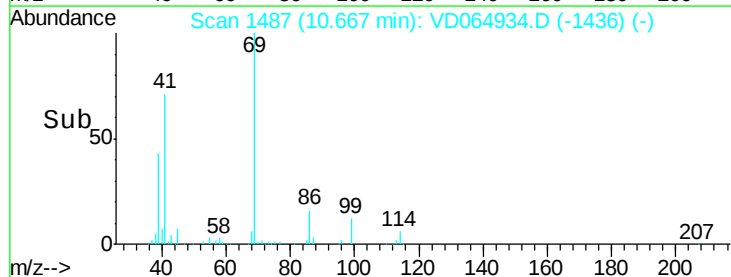
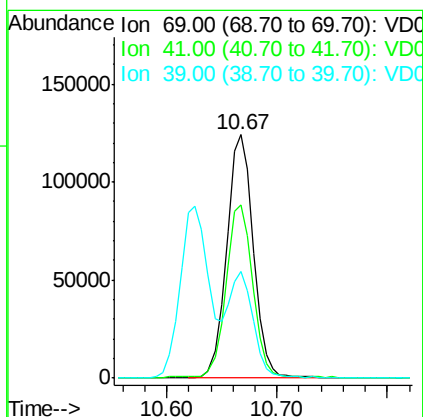
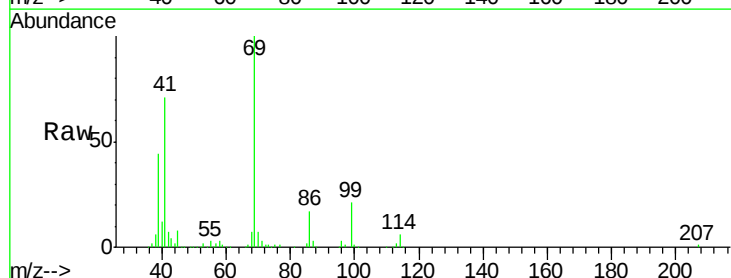
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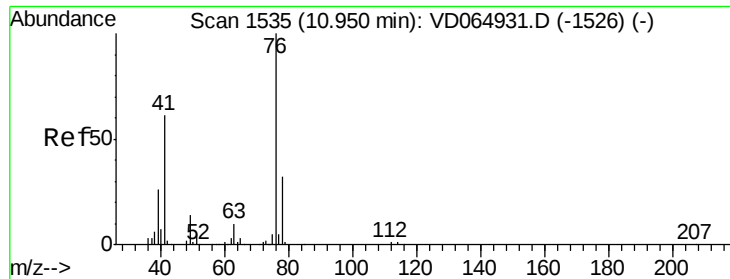
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#56
 Ethyl methacrylate
 Concen: 50.014 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion:	69	Resp:	210036
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.4	84.6
39	39.9	30.6	46.0





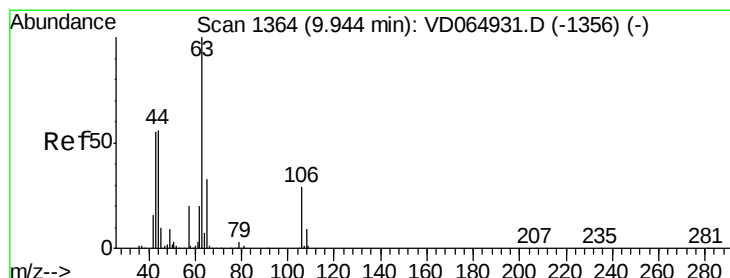
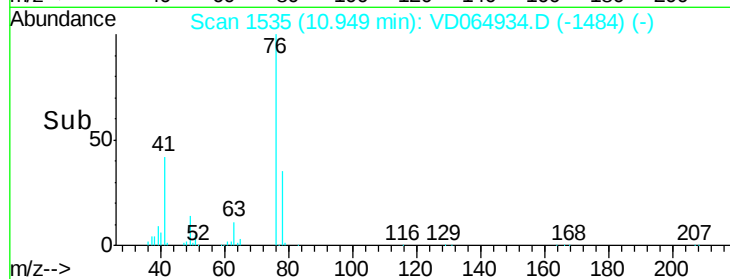
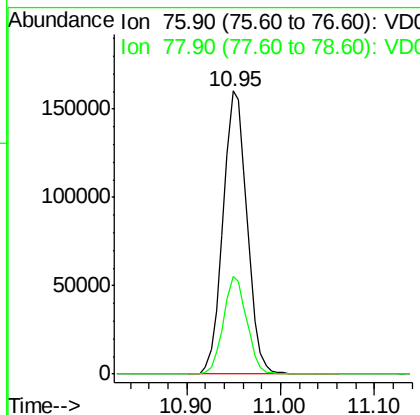
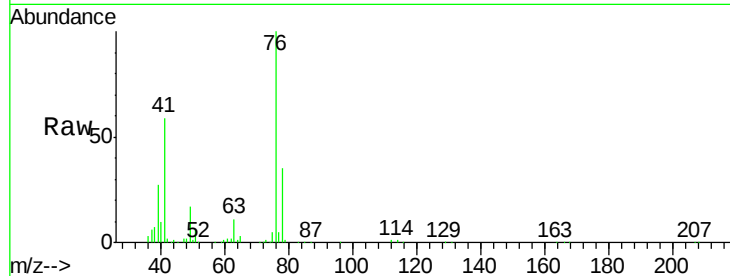
#57
 1,3-Dichloropropane
 Concen: 47.343 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.5	25.7	38.5

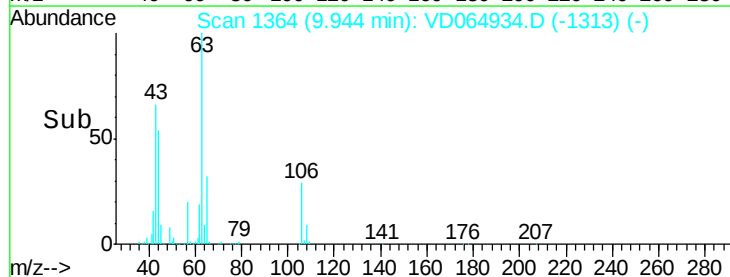
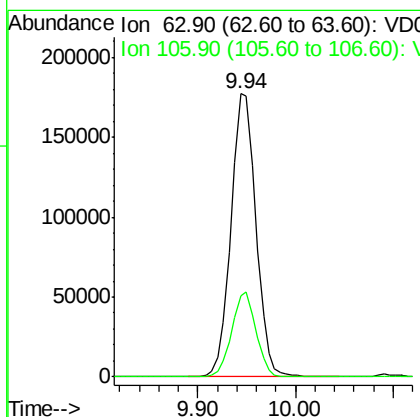
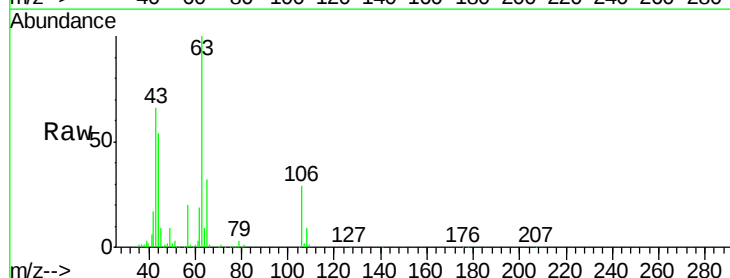
Manual Integrations
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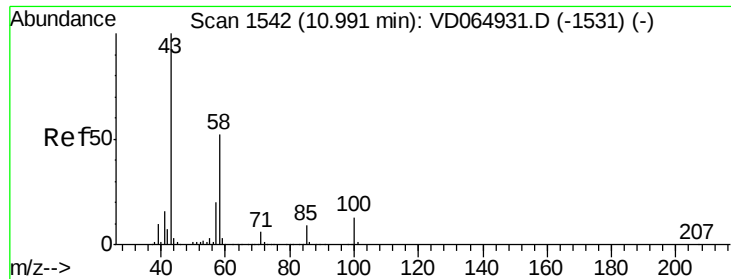
MMDadoda
 1/24/2020 4:02:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.123 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.0	34.4





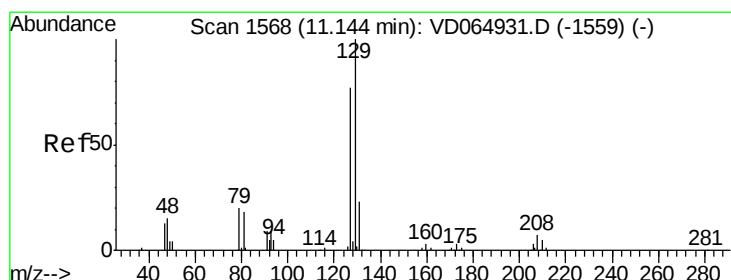
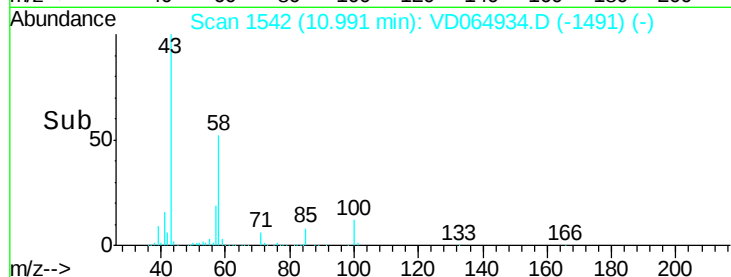
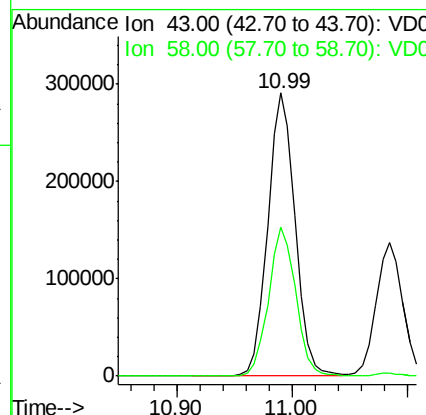
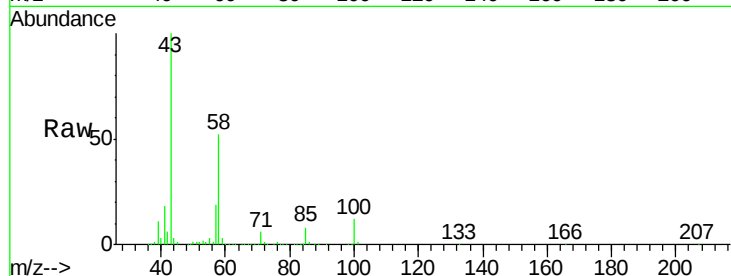
#59
2-Hexanone
Concen: 248.118 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	43	Resp	480569
Ion Ratio	100	Lower	Upper
58	52.4	26.5	79.4

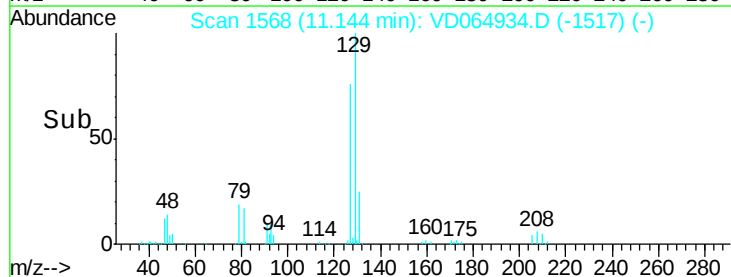
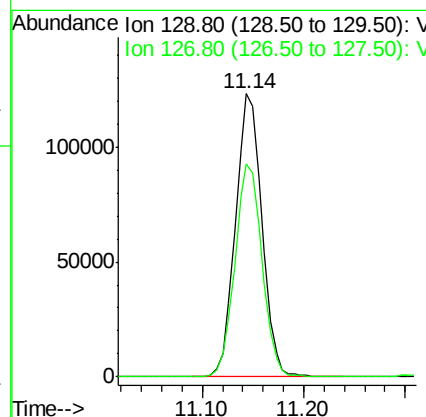
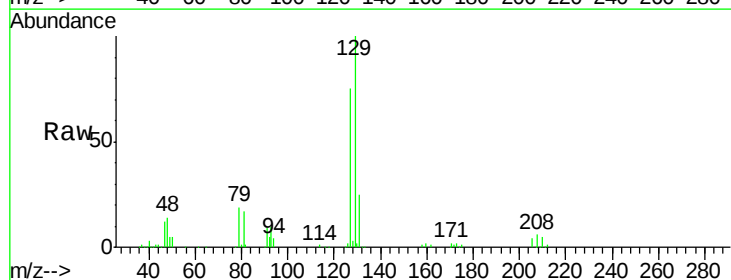
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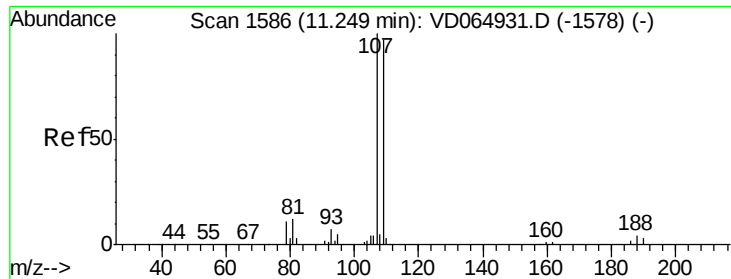
MMDadoda
1/24/2020 4:02:07 PM



#60
Dibromochloromethane
Concen: 47.444 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	129	Resp	222693	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
127	77.4	38.2	114.6	





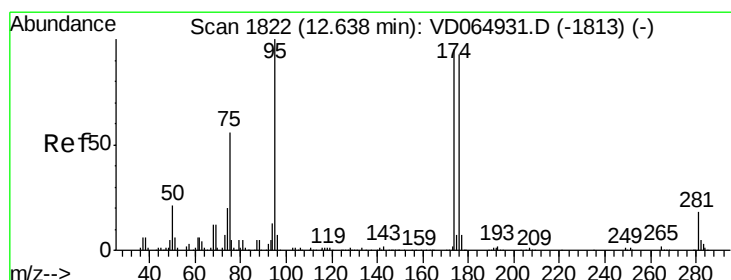
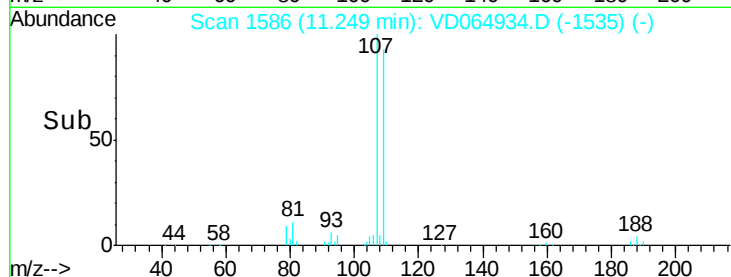
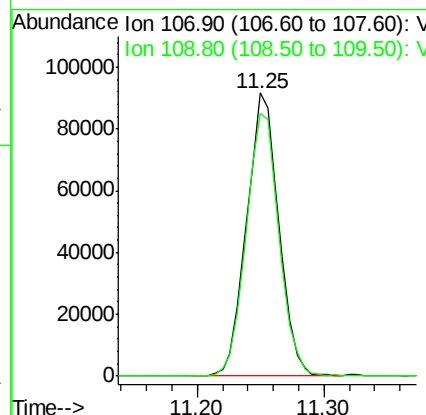
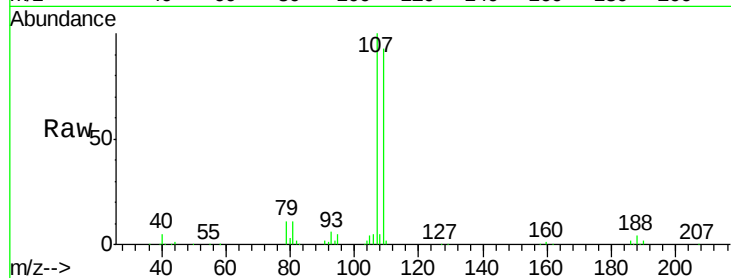
#61
 1,2-Dibromoethane
 Concen: 47.697 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	77.1	115.7

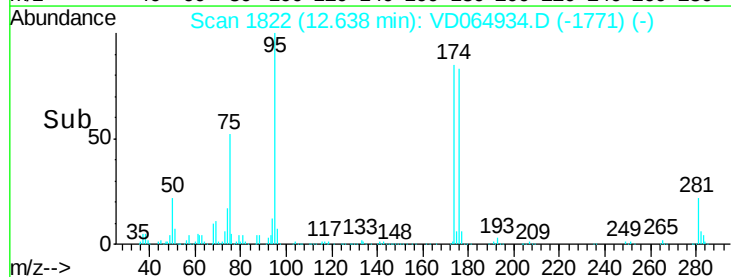
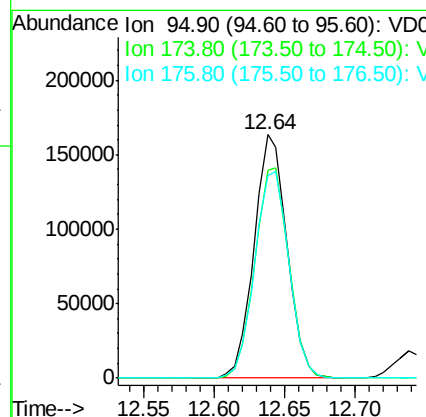
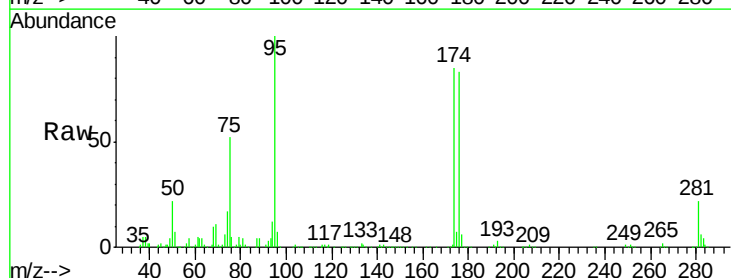
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#62
 4-Bromofluorobenzene
 Concen: 48.734 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	186.8
176	88.2	0.0	183.4





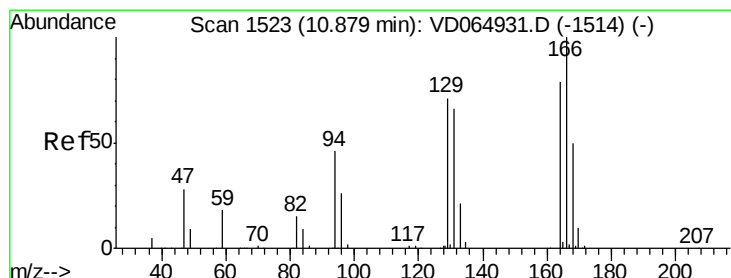
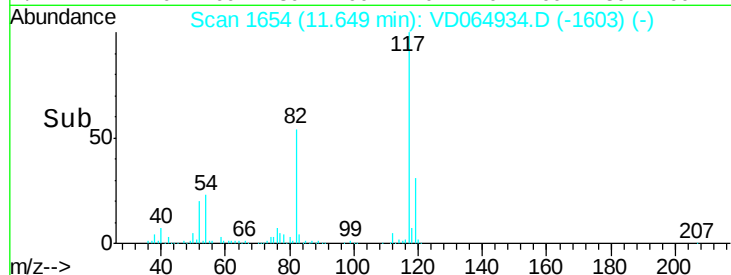
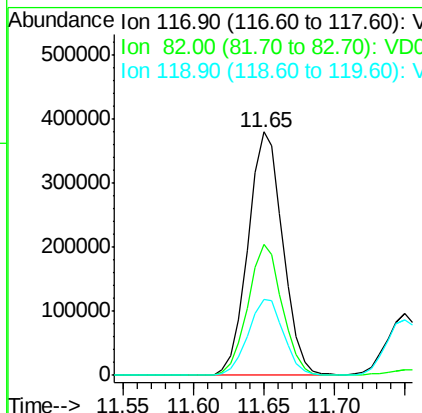
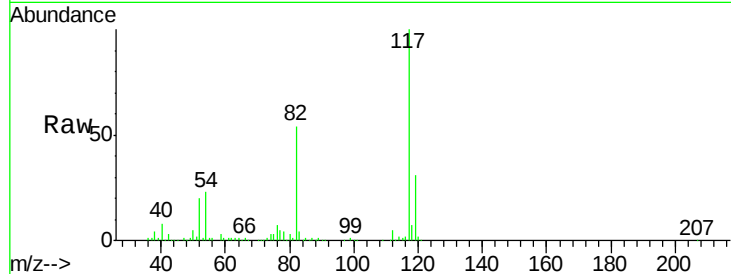
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.6	65.4
119	31.3	25.2	37.8

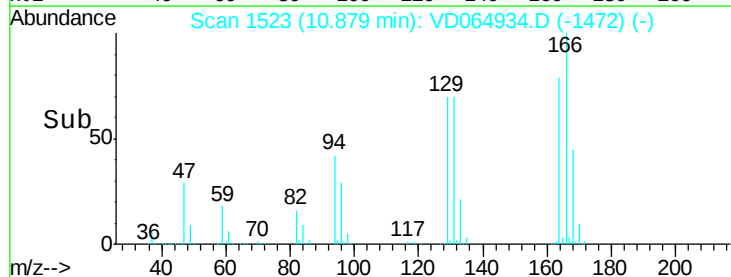
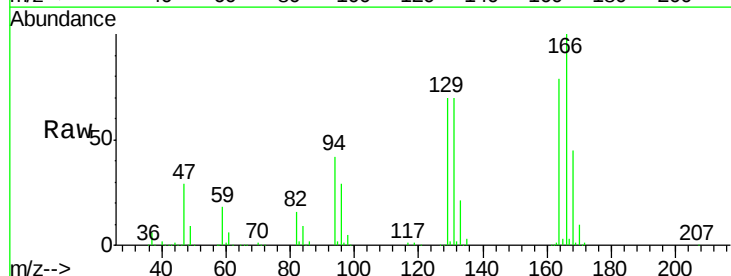
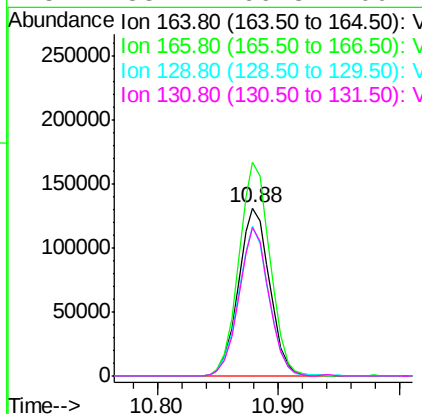
Manual Integrations
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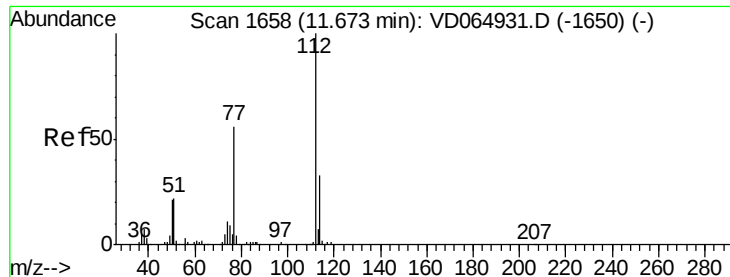
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#64
Tetrachloroethene
Concen: 49.998 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.4	152.2
129	89.0	71.8	107.8
131	88.7	66.8	100.2





#65

Chlorobenzene

Concen: 48.953 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion:112 Resp: 652962

Ion Ratio Lower Upper

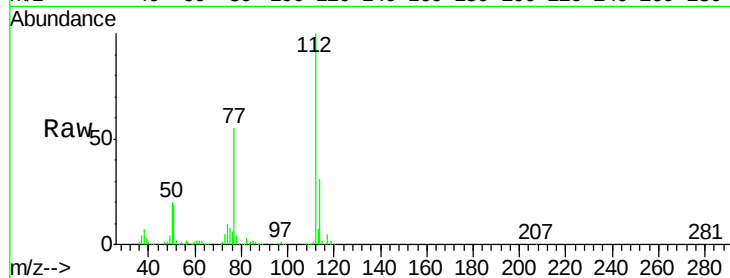
112 100

114 31.5 26.2 39.4

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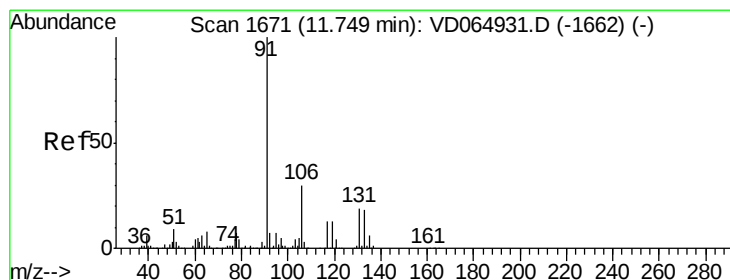
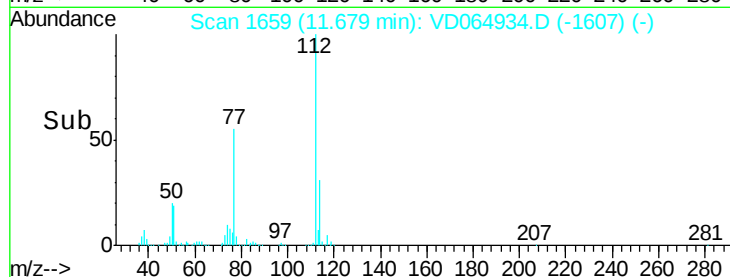
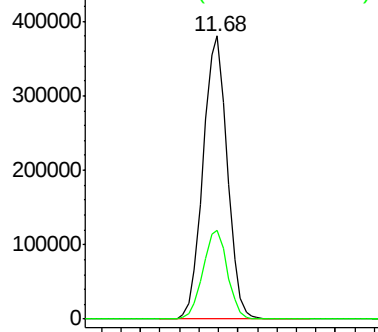
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.157 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

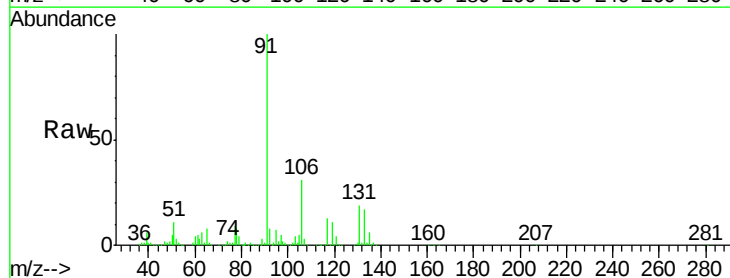
Tgt Ion:131 Resp: 246589

Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.5

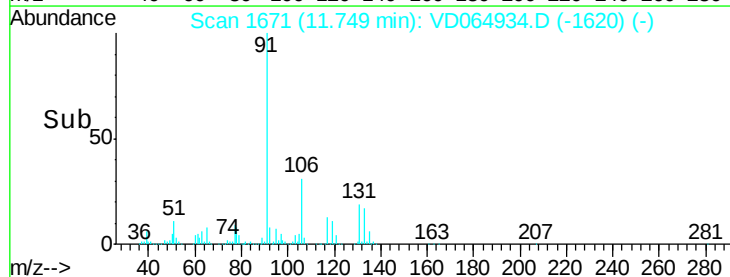
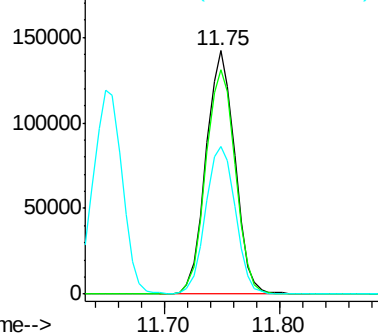
119 62.6 31.1 93.5

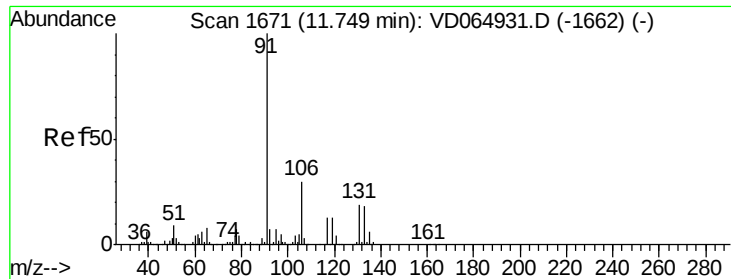


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.268 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 91 Resp: 1214036

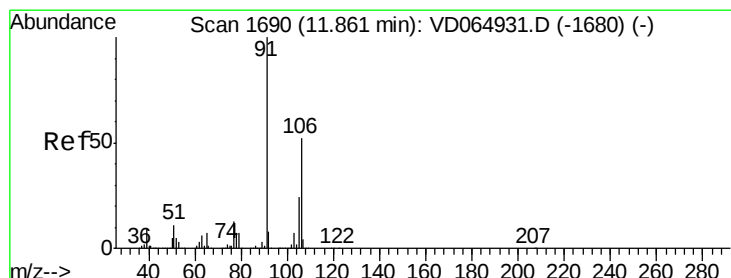
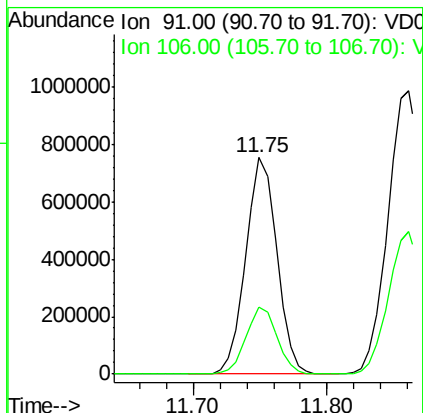
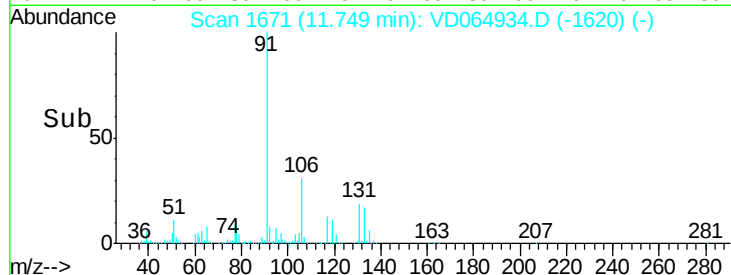
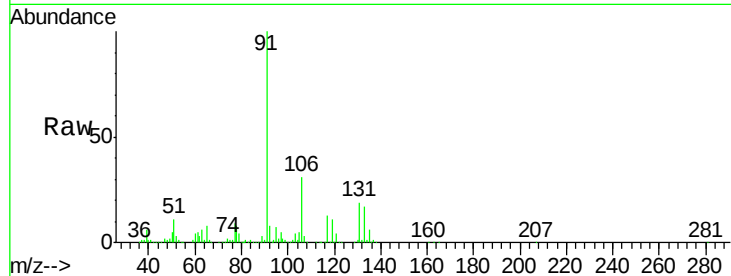
Ion Ratio Lower Upper

91 100

106 30.9 24.3 36.5

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#68

m/p-Xylenes

Concen: 102.076 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD064934.D

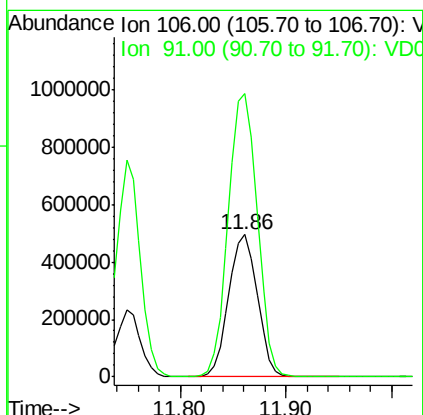
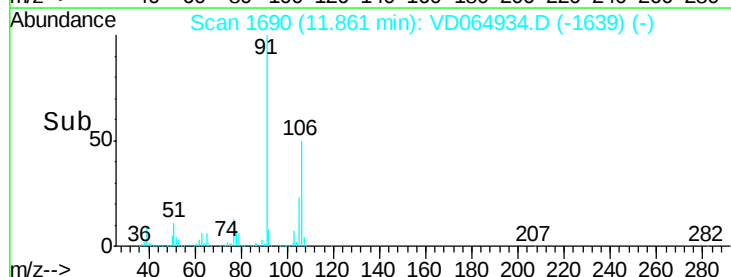
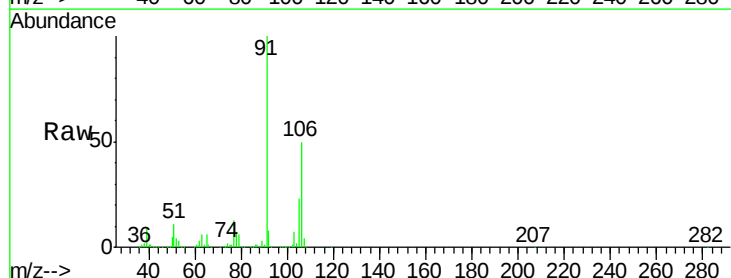
Acq: 23 Jan 2020 13:59

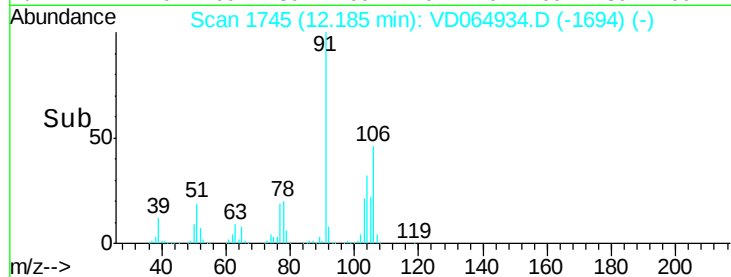
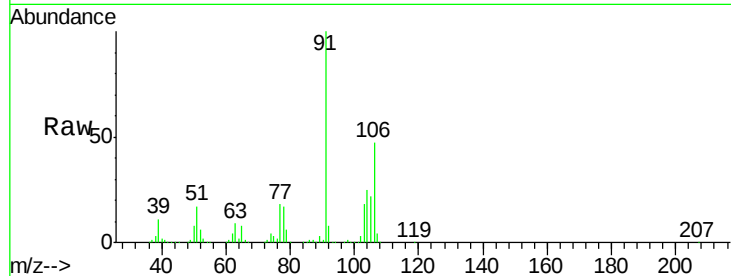
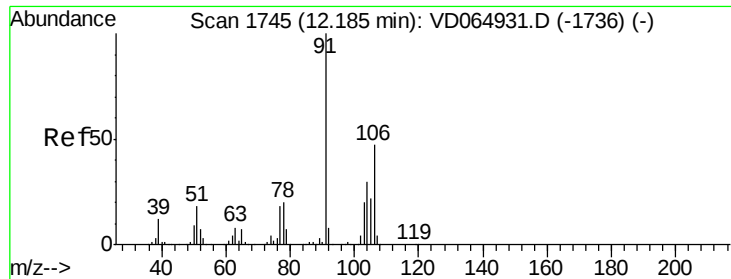
Tgt Ion: 106 Resp: 930672

Ion Ratio Lower Upper

106 100

91 201.9 159.0 238.4





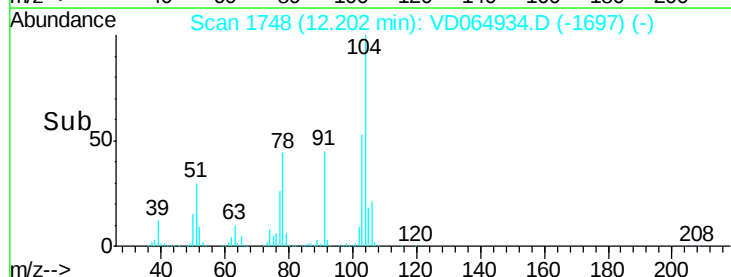
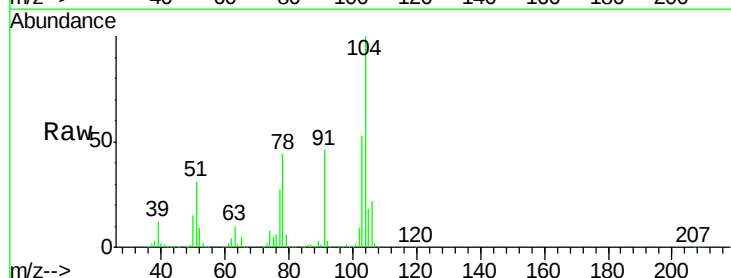
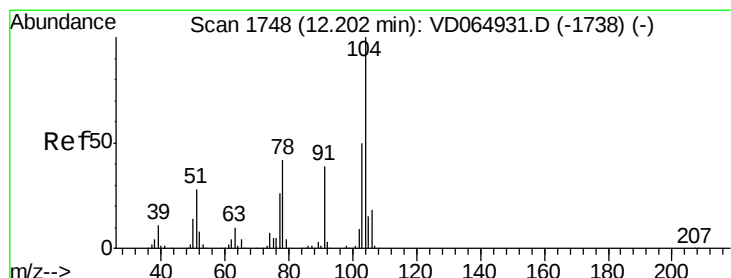
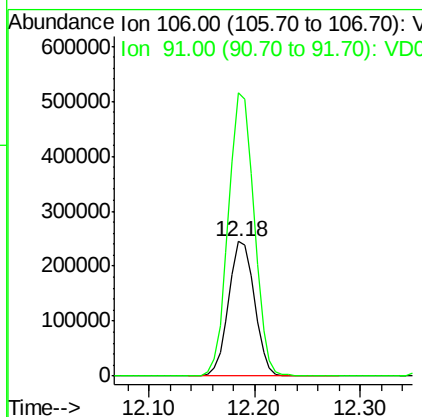
#69
o-Xylene
Concen: 51.235 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tot Ion:106 Resp: 414584
Ion Ratio Lower Upper
106 100
91 209.8 106.7 319.9

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

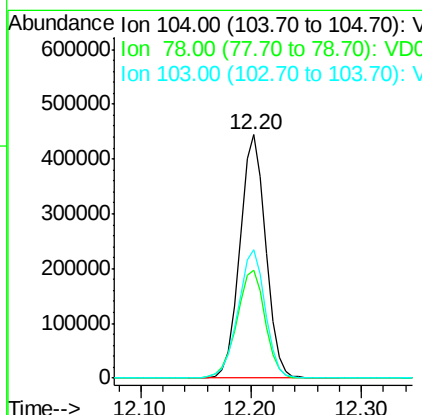
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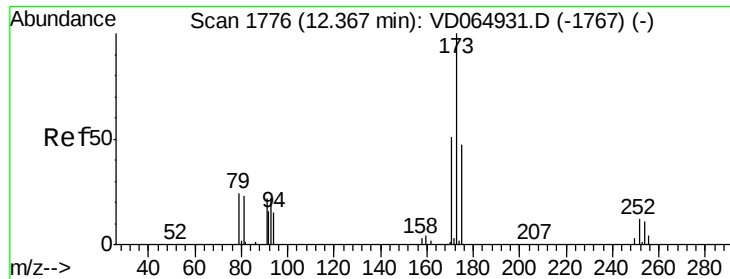
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#70
Styrene
Concen: 50.593 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion:104 Resp: 729279
Ion Ratio Lower Upper
104 100
78 48.7 38.3 57.5
103 55.4 43.5 65.3





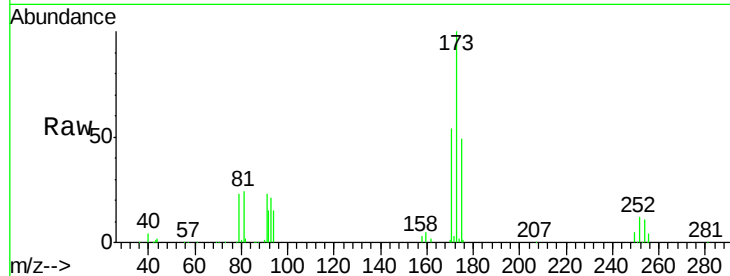
#71
Bromoform
Concen: 47.462 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

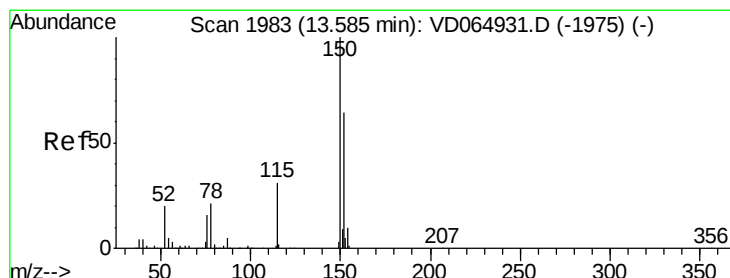
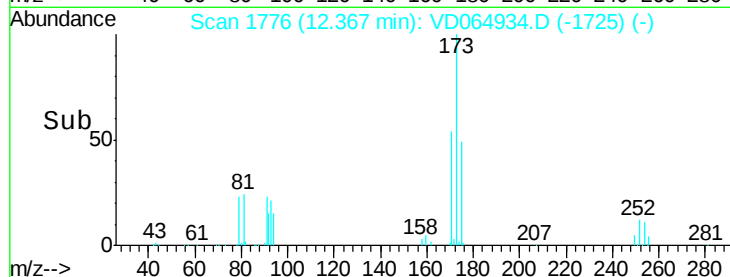
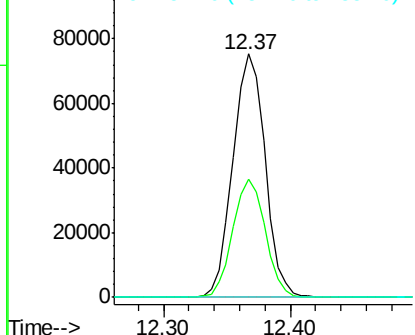
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	73.8
254	0.1	0.1	0.1#

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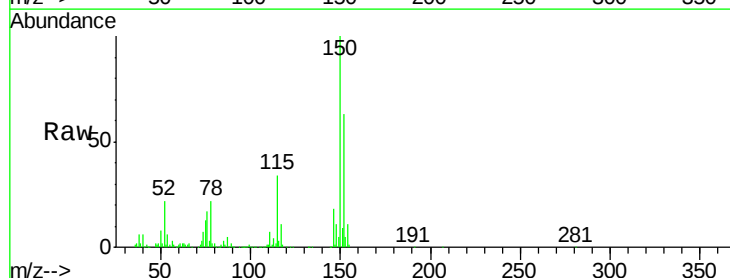


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

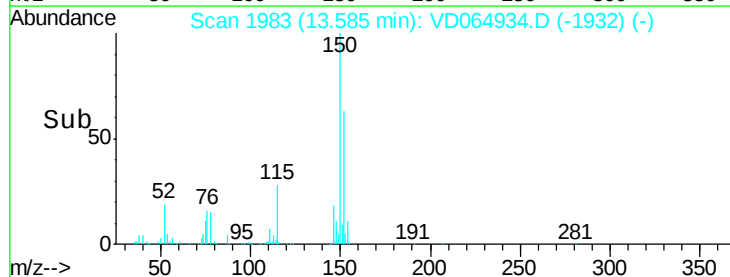
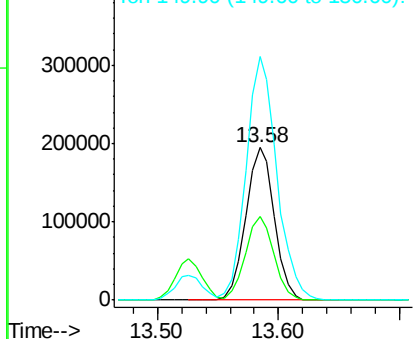


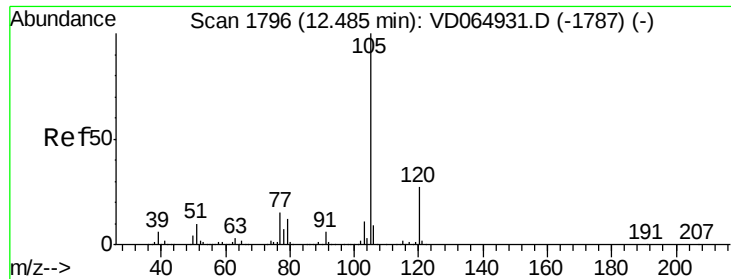
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.1	84.4
150	172.1	0.0	350.4



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: 51.905 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion:105 Resp: 1134068

Ion Ratio Lower Upper

105 100

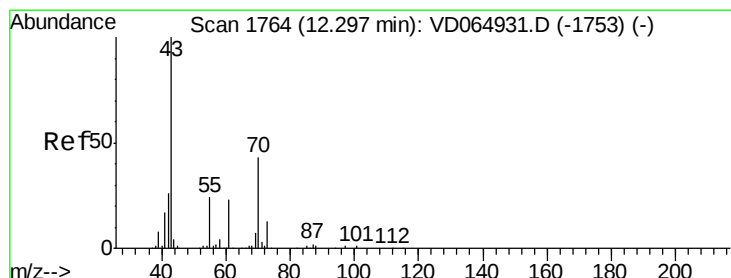
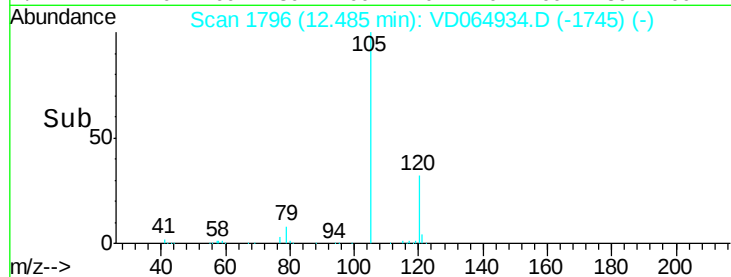
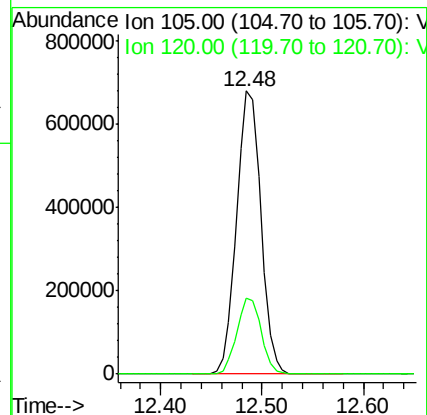
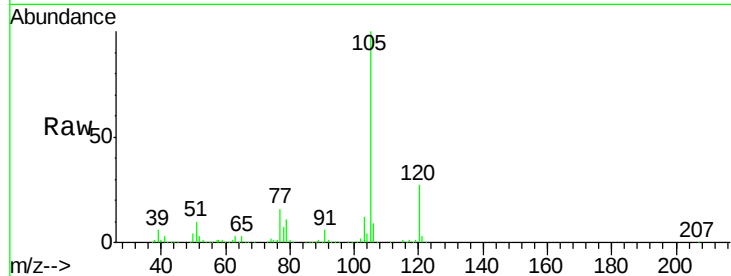
120 26.7 13.3 39.8

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#74

N-ethyl acetate

Concen: 48.478 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion: 43 Resp: 237015

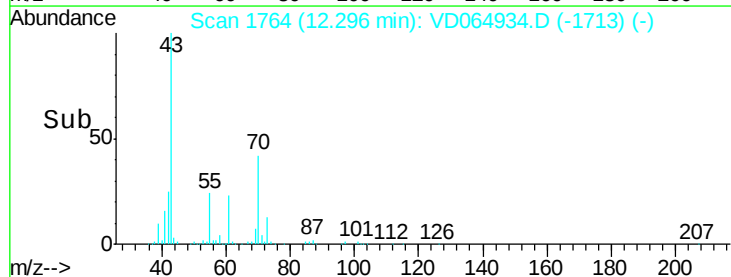
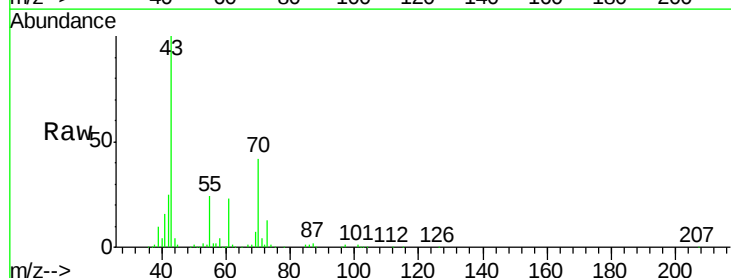
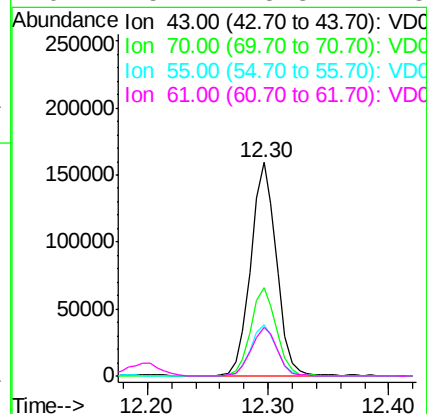
Ion Ratio Lower Upper

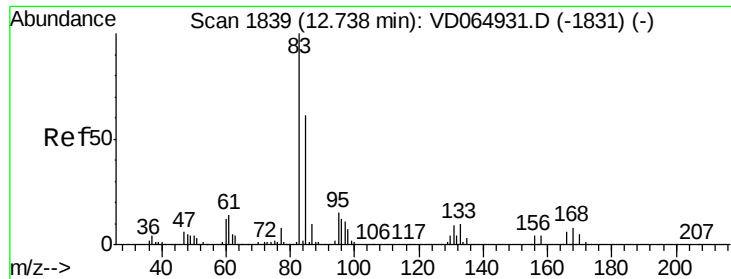
43 100

70 41.4 32.6 49.0

55 24.3 19.9 29.9

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.998 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

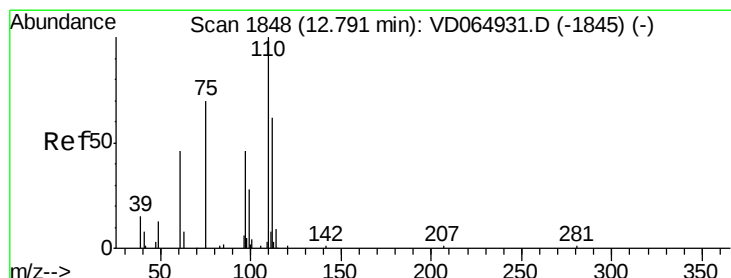
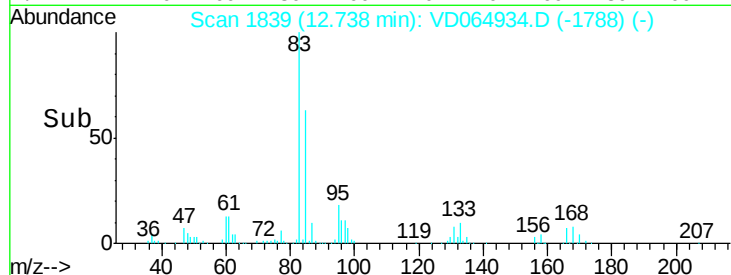
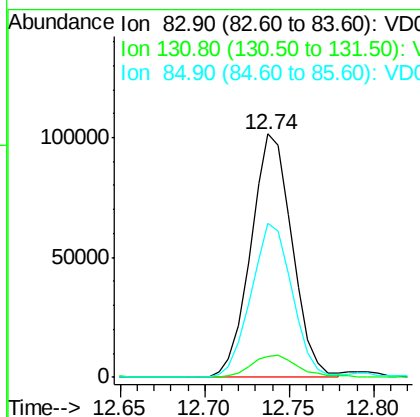
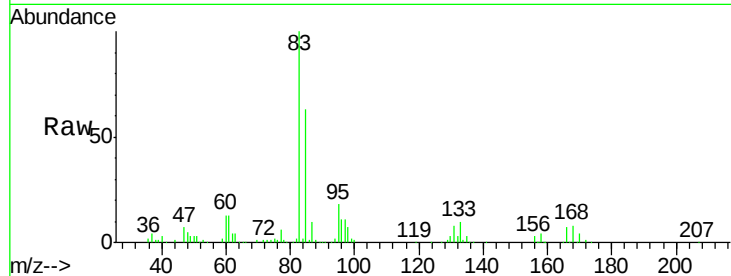
ClientSampleId :

ICVVD012320

Tot Ion:	83	Resp:	172587
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.4
85	63.5	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.060 ug/l m

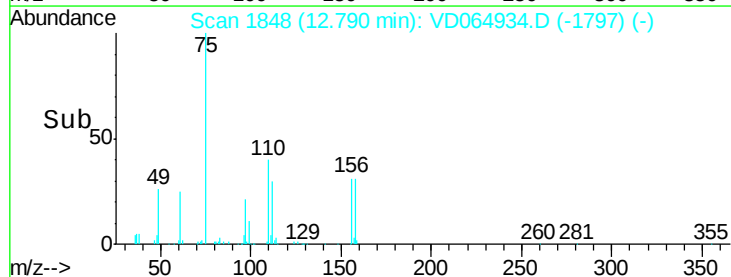
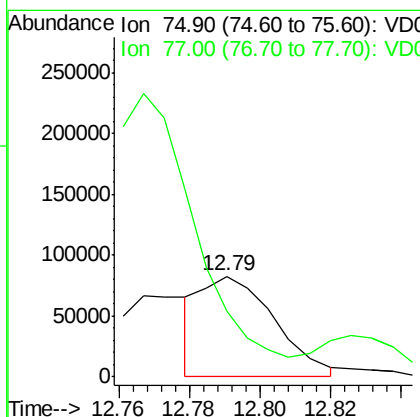
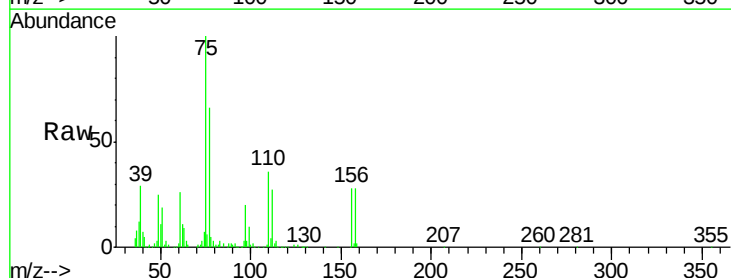
RT: 12.79 min Scan# 1848

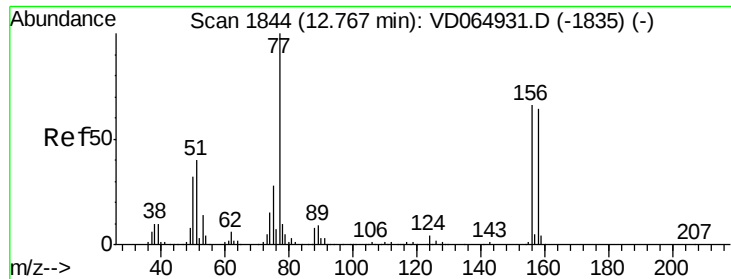
Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion:	75	Resp:	119556
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.101 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

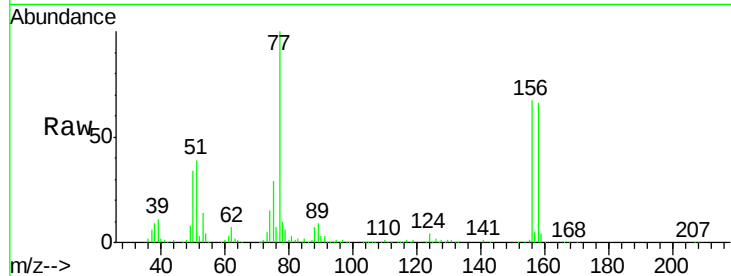
ClientSampleId :

ICVVD012320

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.7	84.2	252.5
158	95.9	48.1	144.4

Manual Integrations
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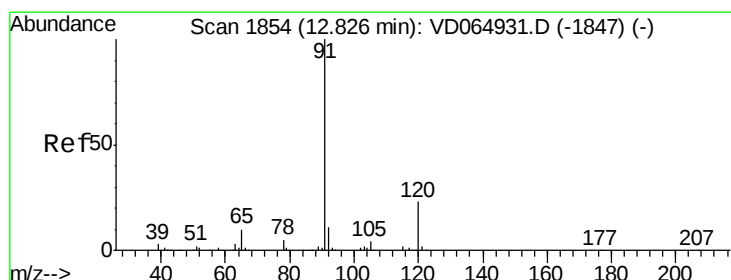
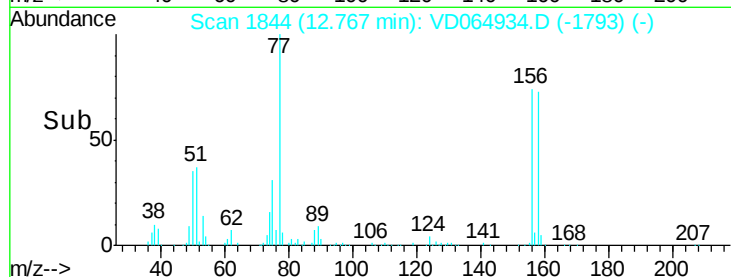
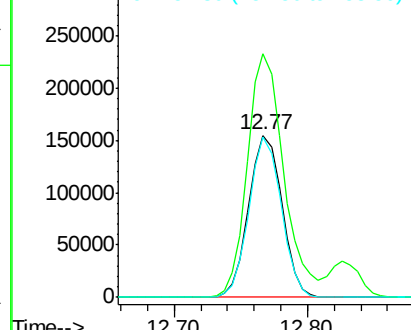


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.217 ug/l

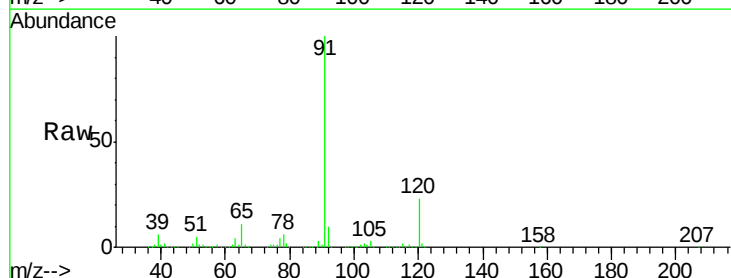
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

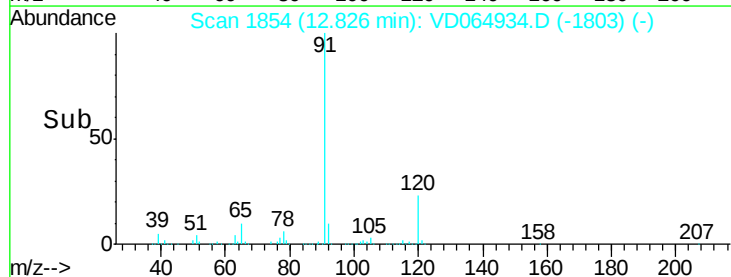
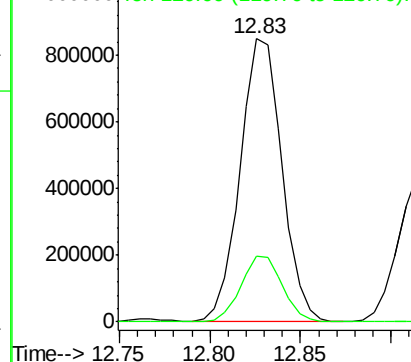
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.1

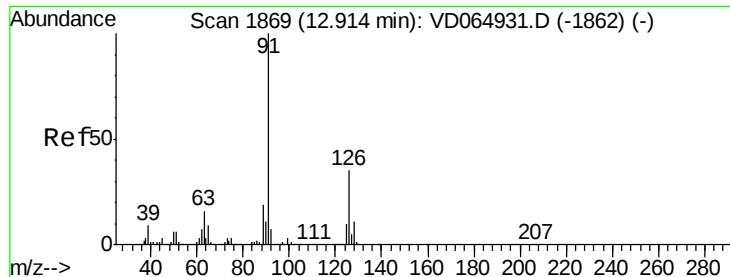


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.005 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion: 91 Resp: 727034

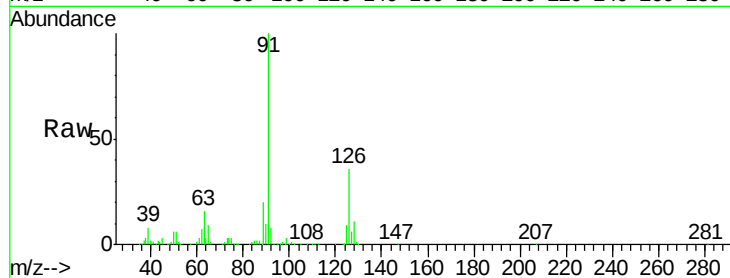
Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.8

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Abundance Ion 91.00 (90.70 to 91.70): VD064931.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD064931.D (-1862) (-)

600000

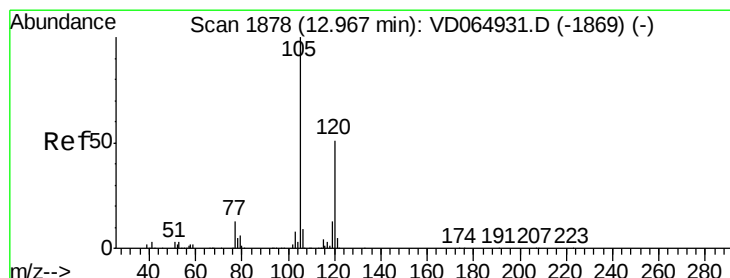
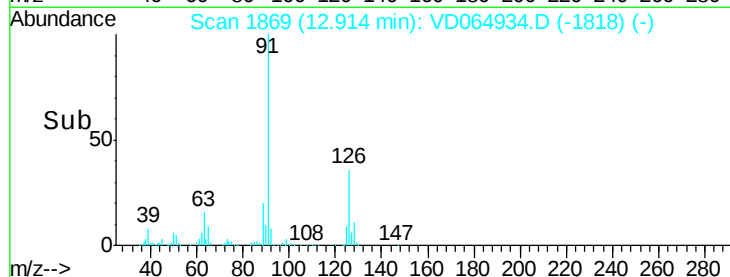
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.861 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD064934.D

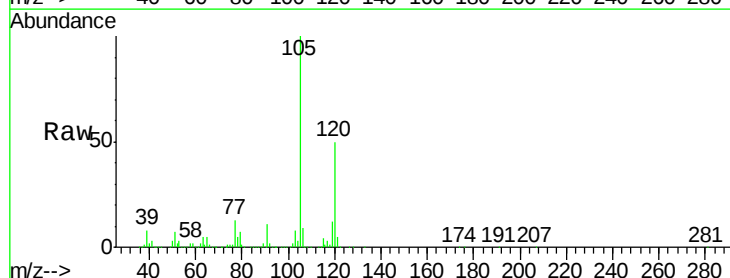
Acq: 23 Jan 2020 13:59

Tgt Ion:105 Resp: 928576

Ion Ratio Lower Upper

105 100

120 50.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VD064931.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD064931.D (-1869) (-)

600000

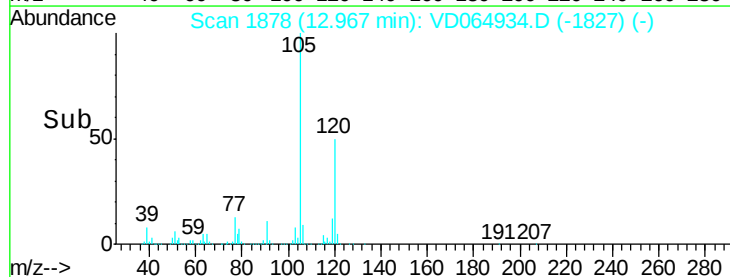
400000

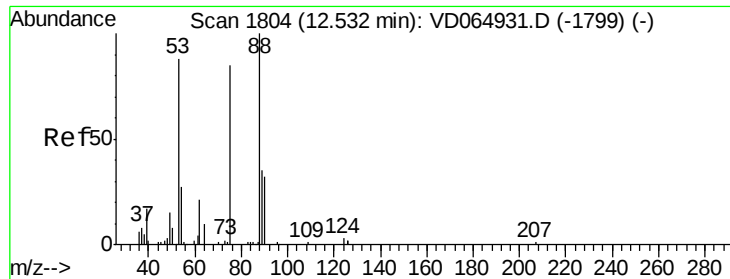
200000

0

12.90 13.00

Time-->





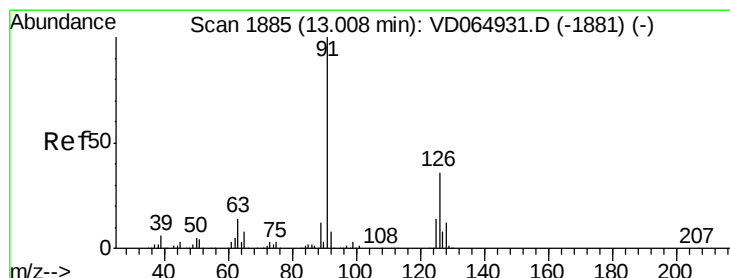
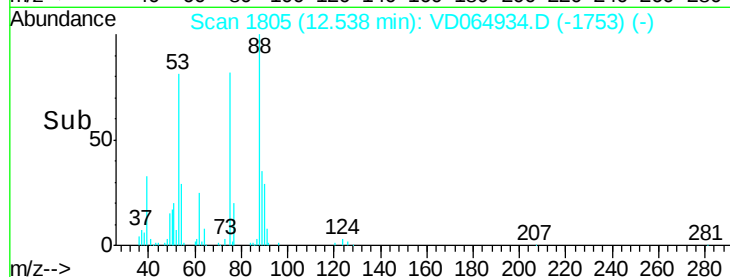
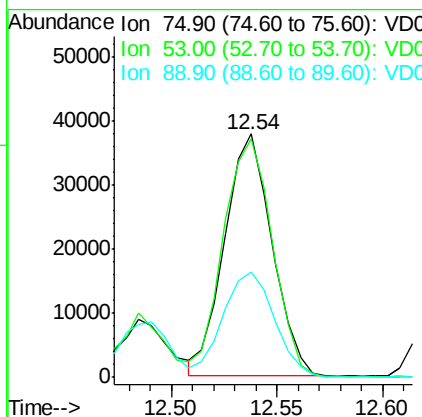
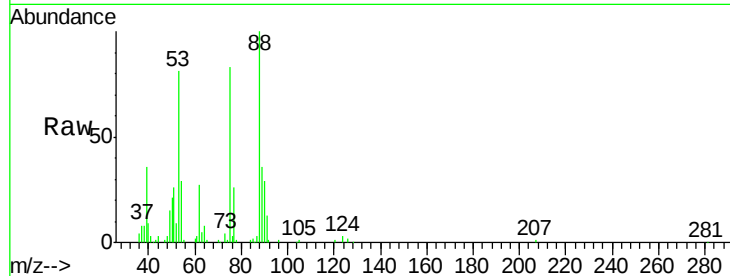
#81
trans-1,4-Dichloro-2-butene
Concen: 47.463 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	81.0	121.4
89	47.2	36.2	54.4

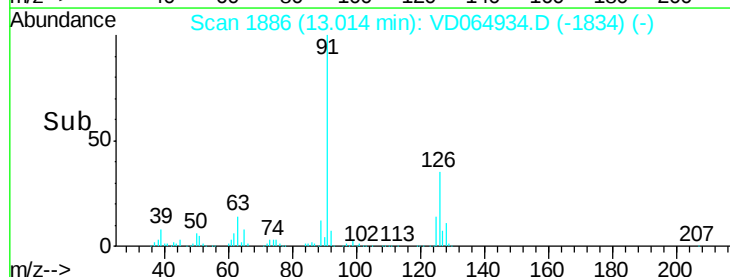
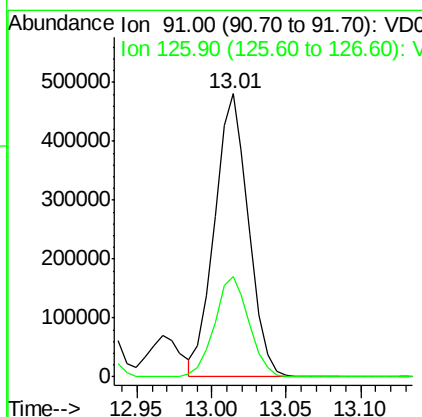
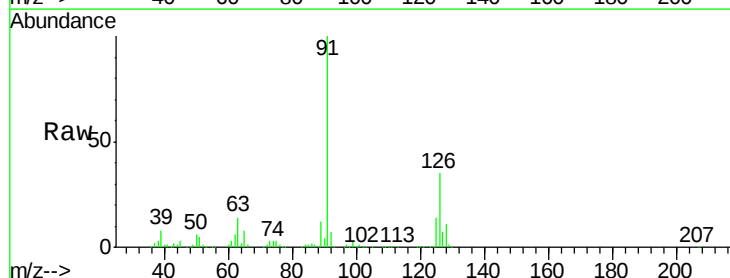
Manual Integrations
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#82
4-Chlorotoluene
Concen: 50.363 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.0	54.0





#83

tert-Butylbenzene

Concen: 52.010 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

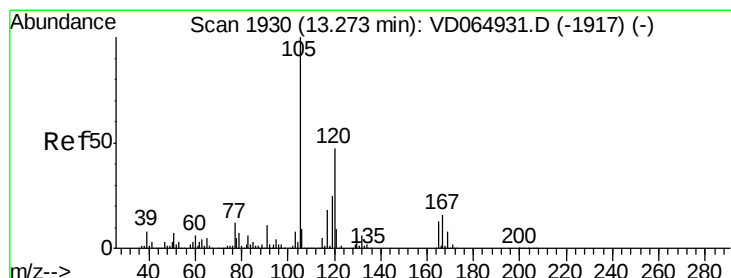
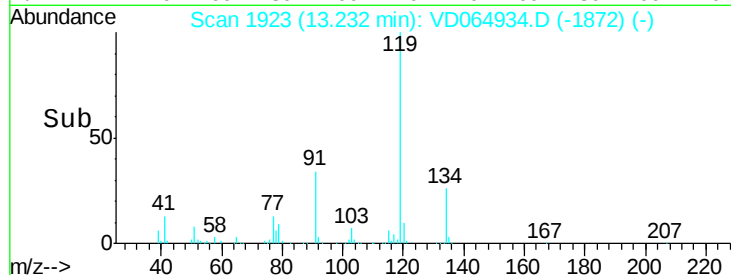
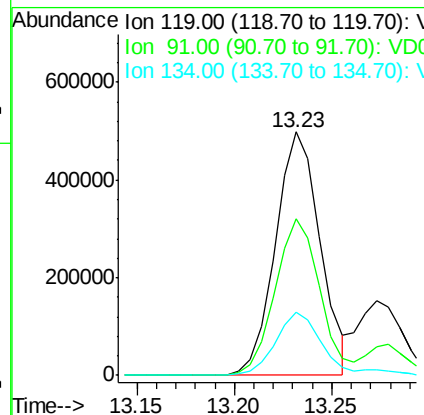
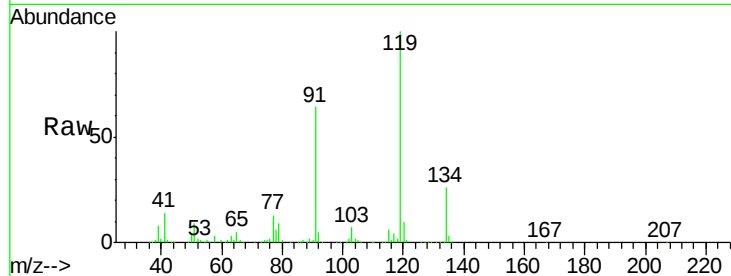
ClientSampleId :

ICVVD012320

Tot Ion:	119	Resp:	790283
Ion Ratio	Lower	Upper	
119	100		
91	64.6	32.0	96.0
134	27.7	13.9	41.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 51.309 ug/l

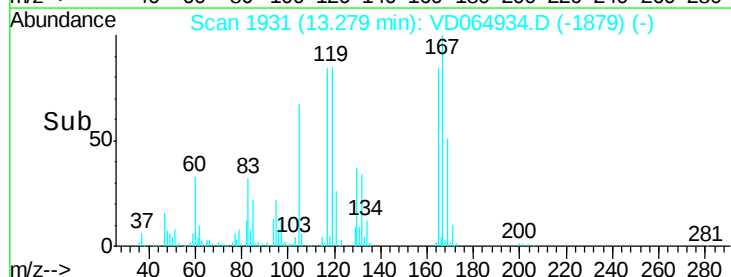
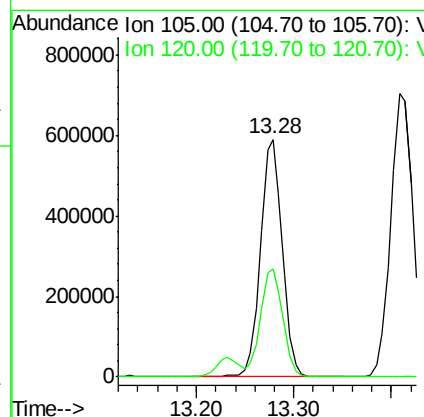
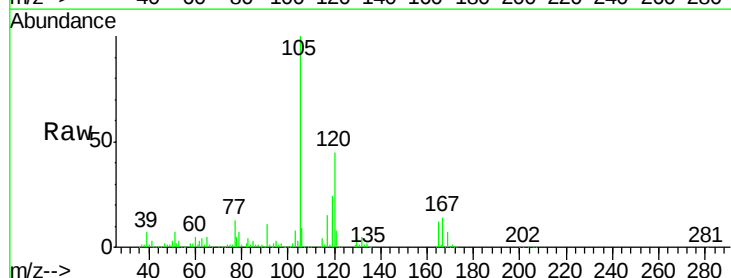
RT: 13.28 min Scan# 1931

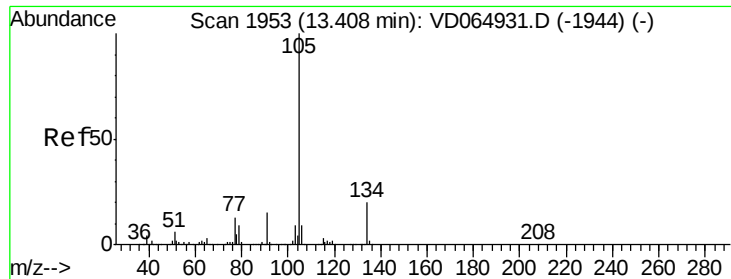
Delta R.T. 0.01 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion:	105	Resp:	930653
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 52.129 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD012320

Tot Ion:105 Resp: 1121520

Ion Ratio Lower Upper

105 100

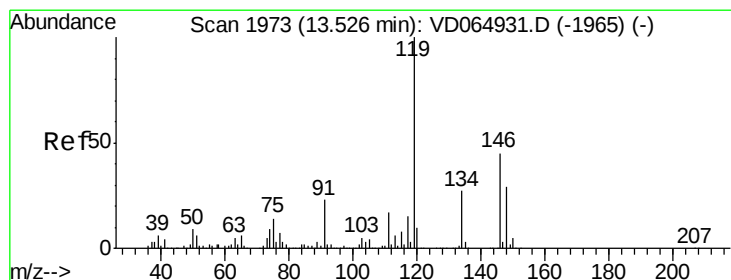
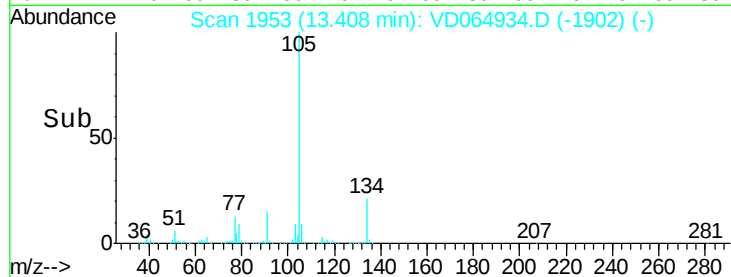
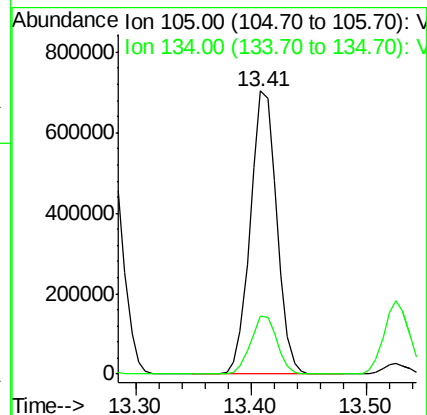
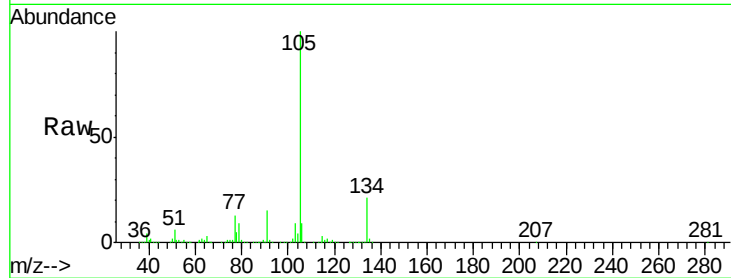
134 20.7 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.754 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

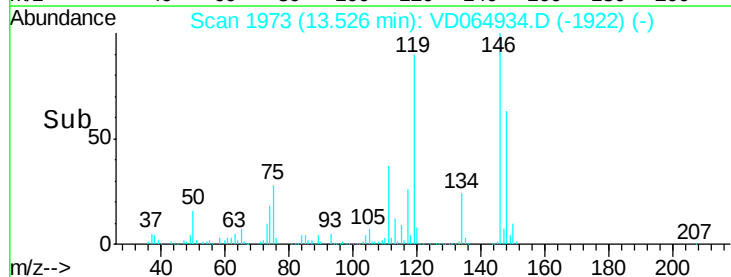
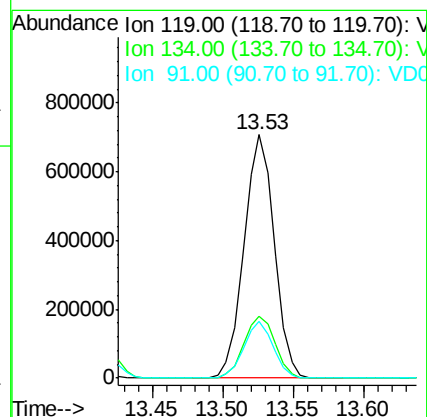
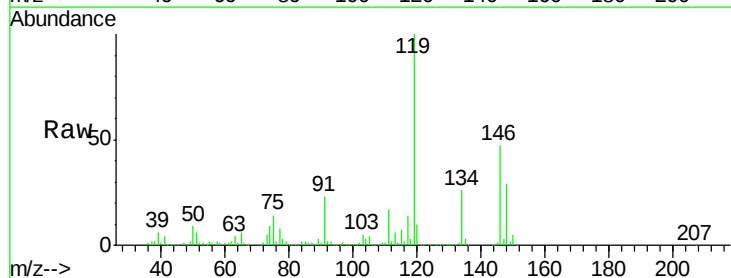
Tgt Ion:119 Resp: 1062060

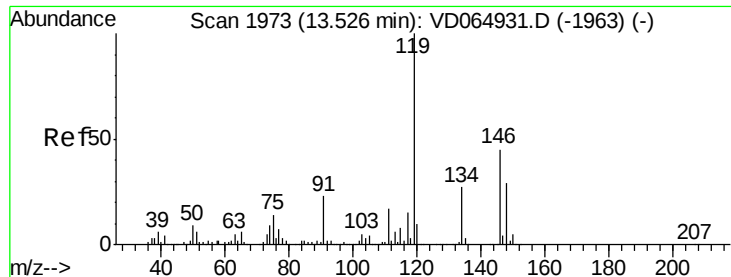
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.7 11.4 34.2





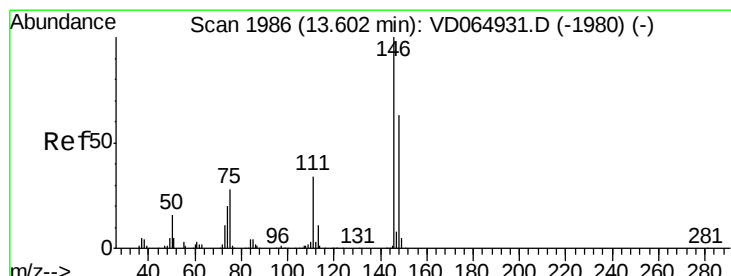
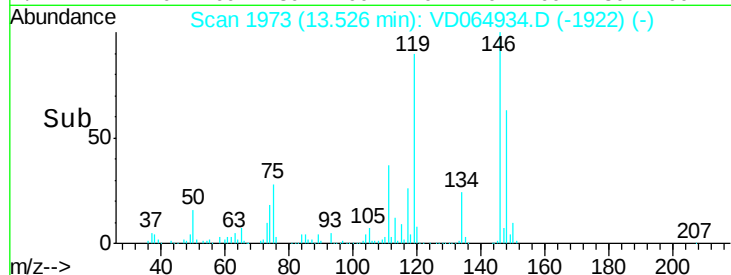
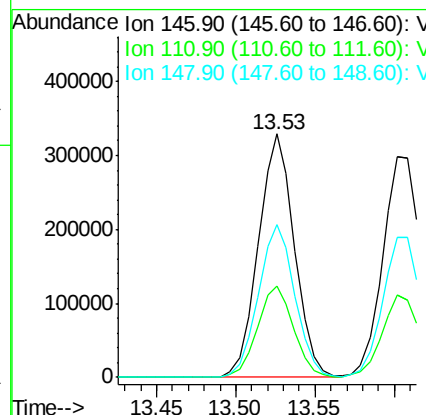
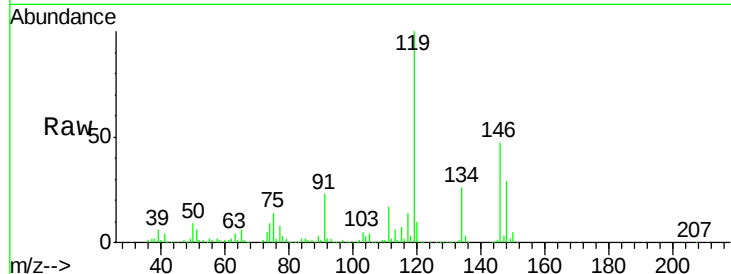
#87
 1,3-Dichlorobenzene
 Concen: 50.547 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Resp	Lower	Upper
146	100	518469		
111	37.7	18.9	56.9	
148	63.7	32.6	97.7	

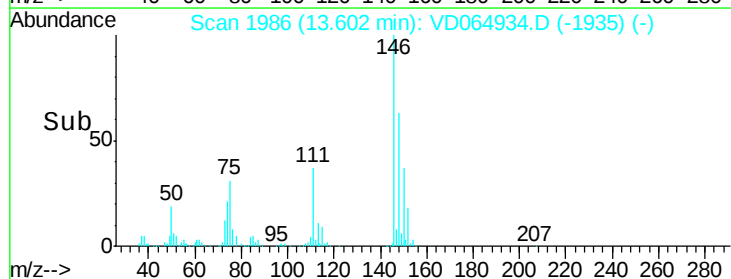
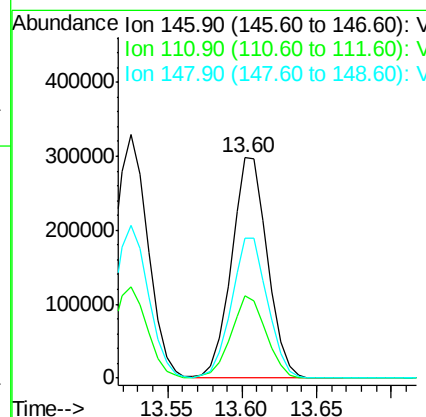
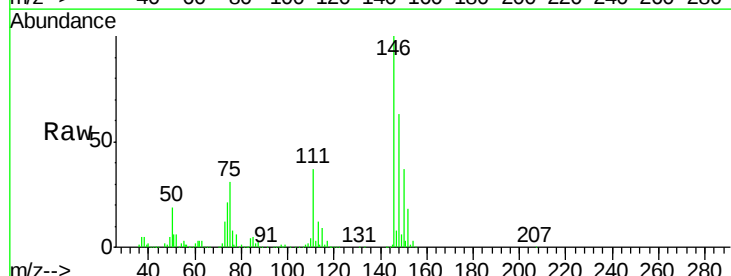
Manual Integrations
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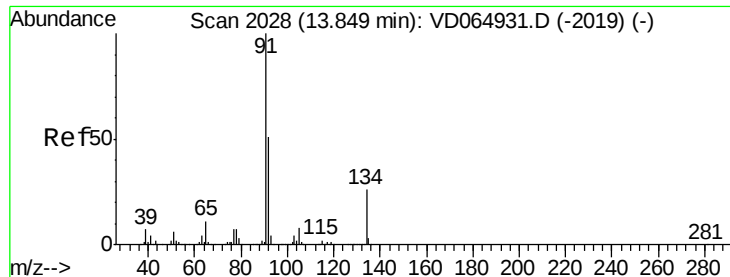
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#88
 1,4-Dichlorobenzene
 Concen: 49.135 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	500214		
111	37.1	18.2	54.6	
148	63.9	32.0	96.0	





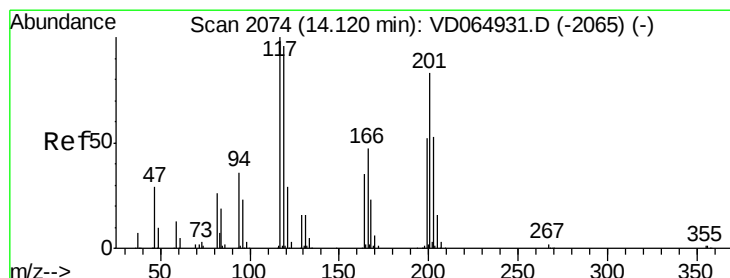
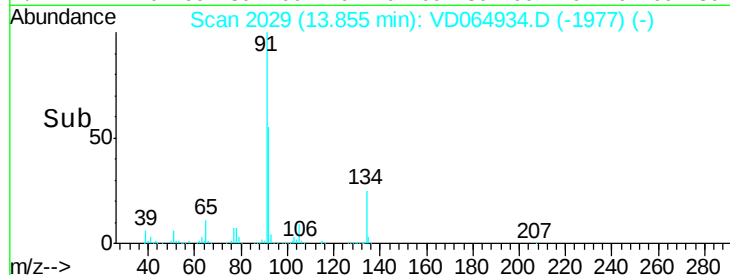
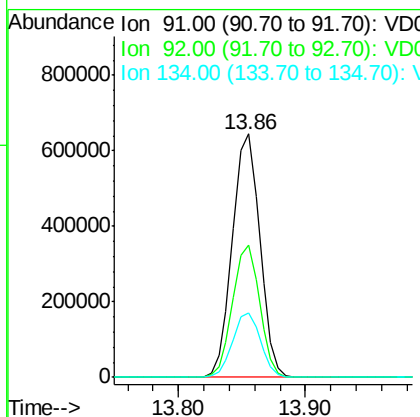
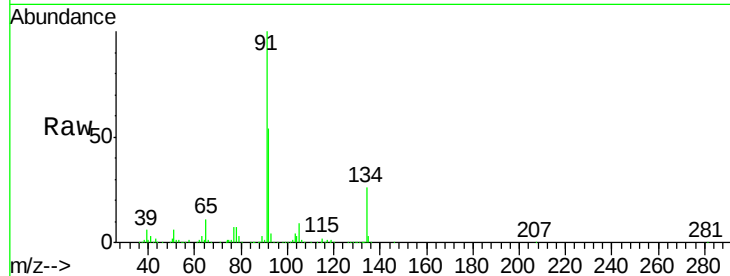
#89
n-Butylbenzene
Concen: 52.685 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD012320

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.4	79.0
134	26.7	13.3	39.9

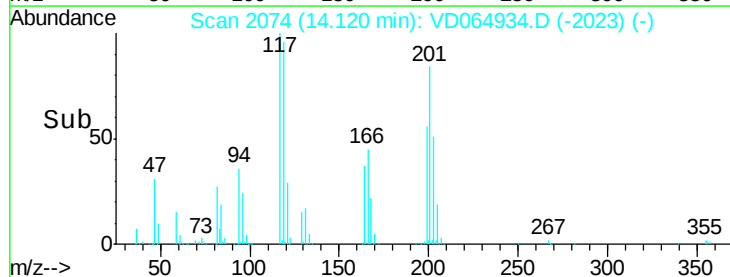
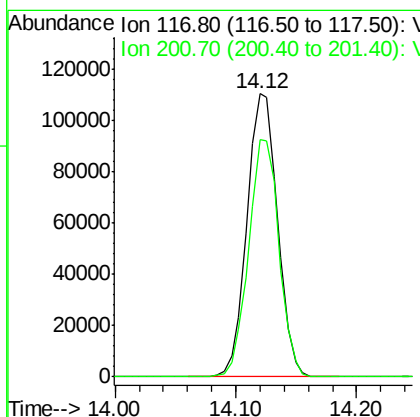
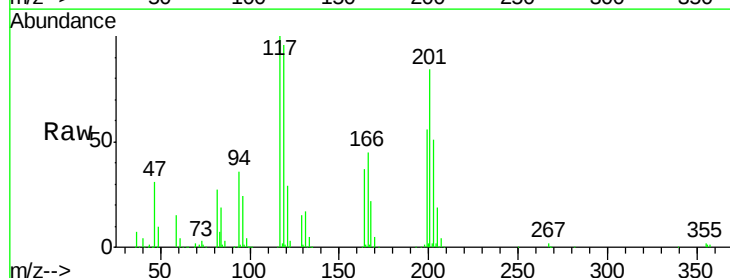
Manual Integrations
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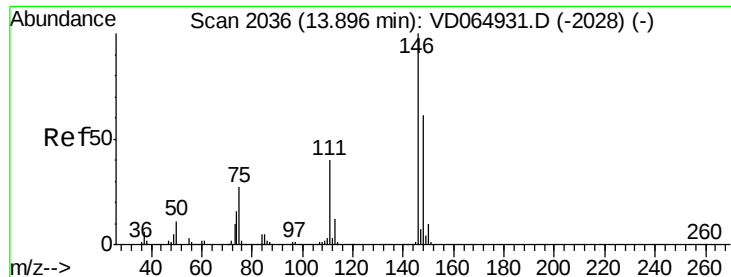
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#90
Hexachloroethane
Concen: 50.175 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064934.D
Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	41.1	123.3





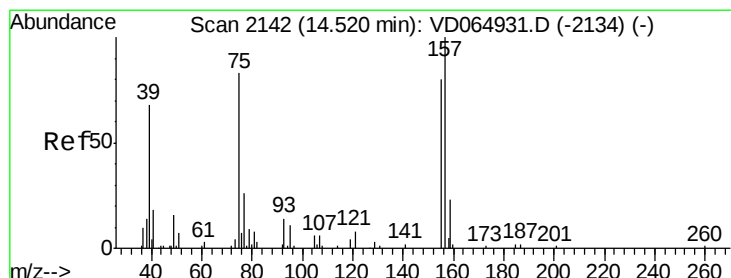
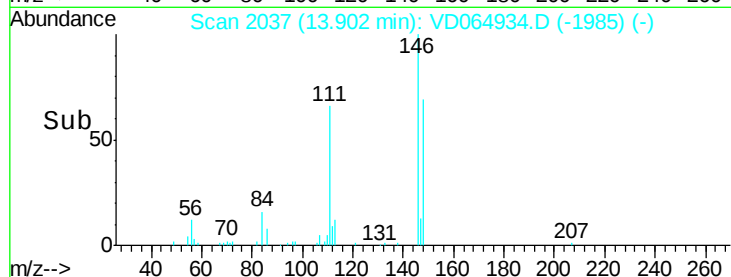
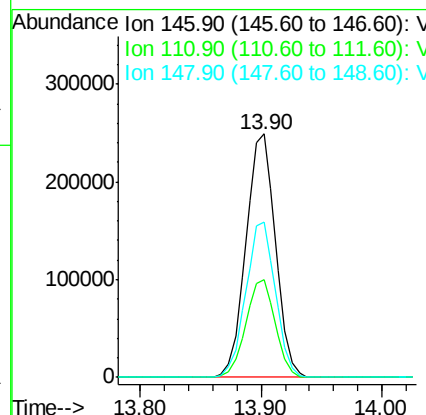
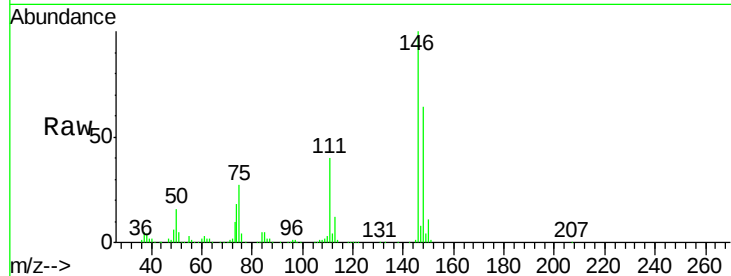
#91
 1,2-Dichlorobenzene
 Concen: 48.821 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	64.0	31.6	95.0

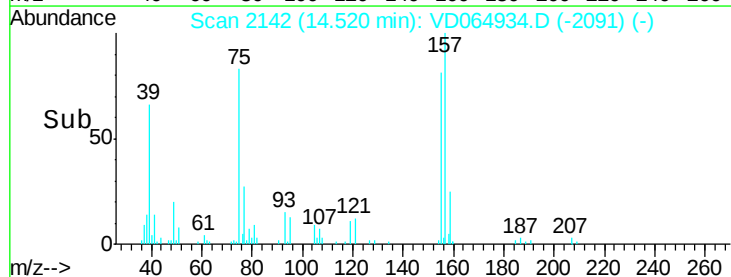
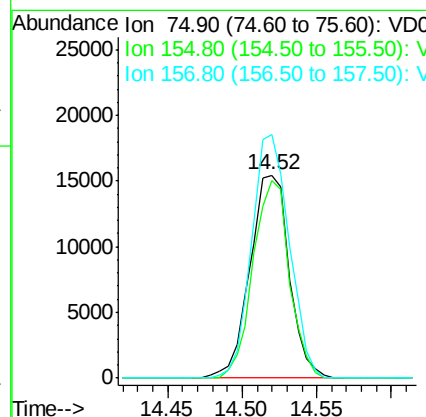
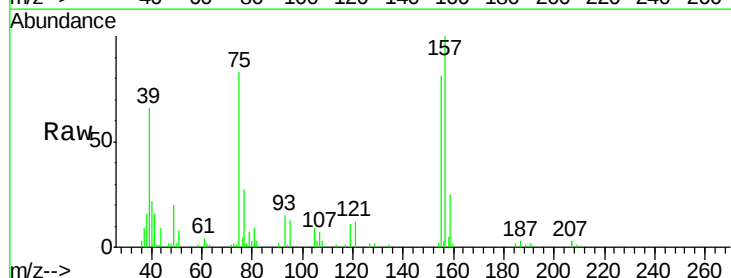
Manual Integrations
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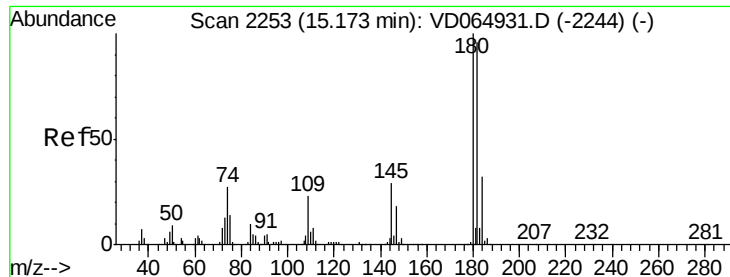
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.729 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	44.9	134.7
157	115.1	58.9	176.6





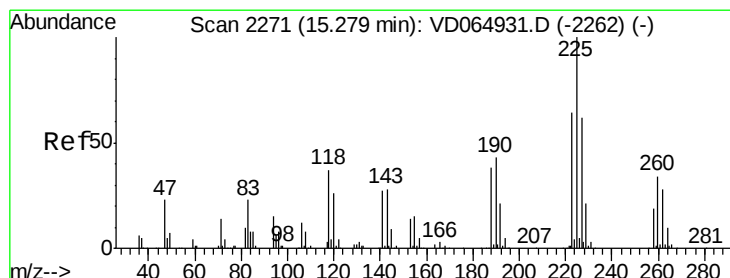
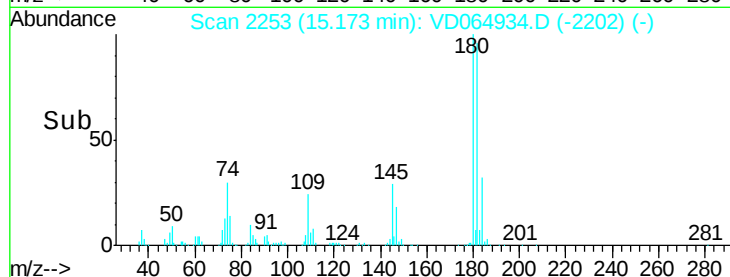
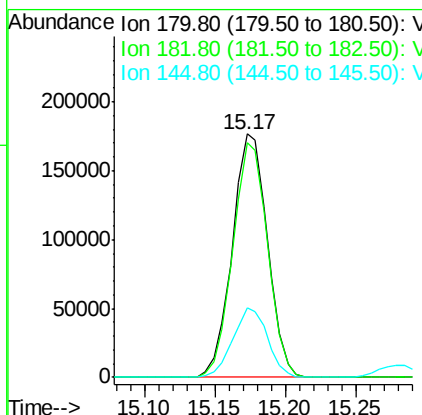
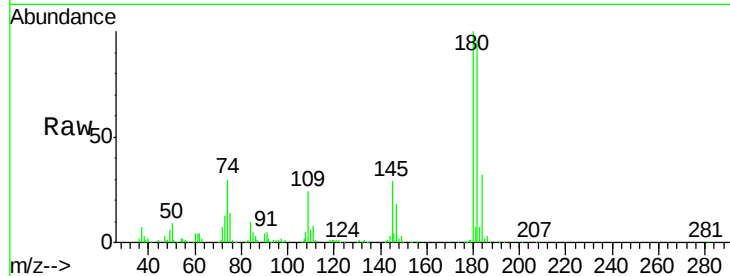
#93
 1,2,4-Trichlorobenzene
 Concen: 51.027 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD012320

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.1	141.4	
145	28.3	14.1	42.3	

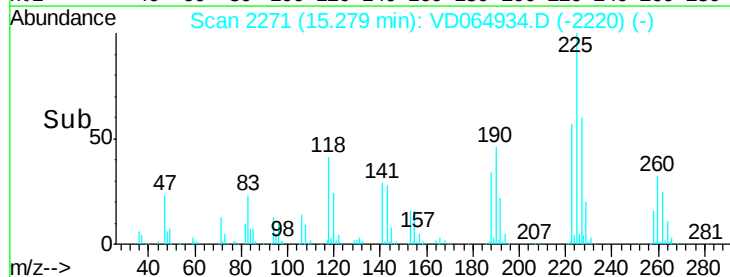
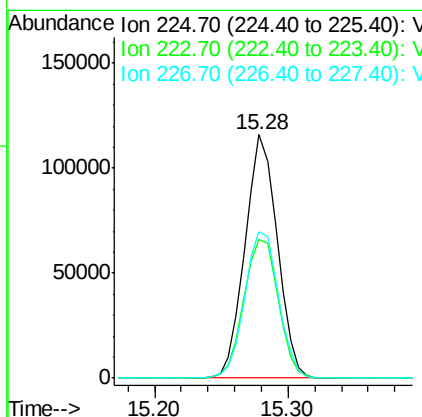
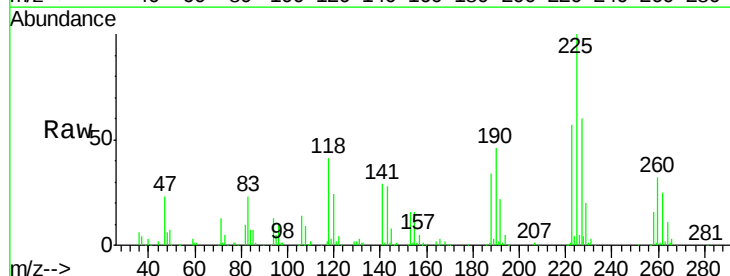
Manual Integrations
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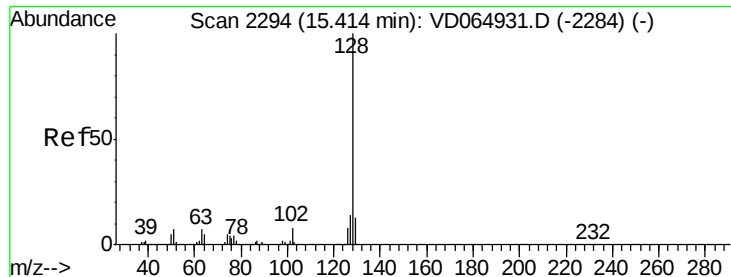
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 1/24/2020 4:02:07 PM



#94
 Hexachlorobutadiene
 Concen: 50.762 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064934.D
 Acq: 23 Jan 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	32.4	97.2	
227	62.9	31.9	95.9	





#95

Naphthalene

Concen: 51.675 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Instrument :

MSVOA_D

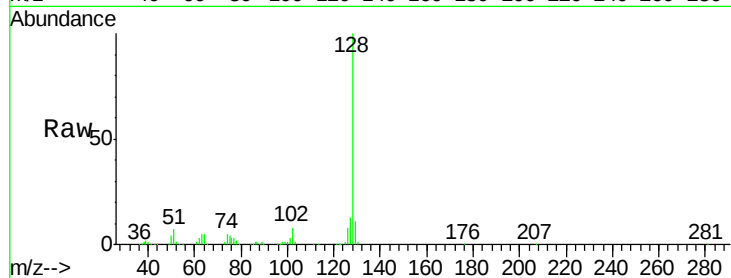
ClientSampleId :

ICVVD012320

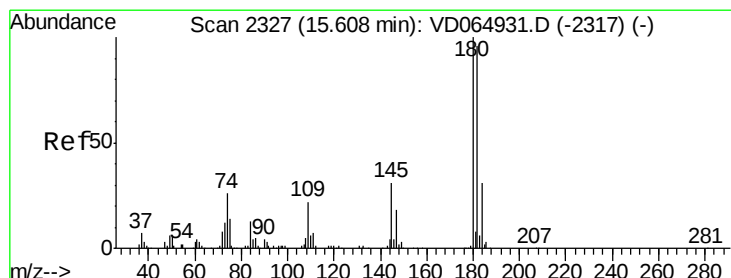
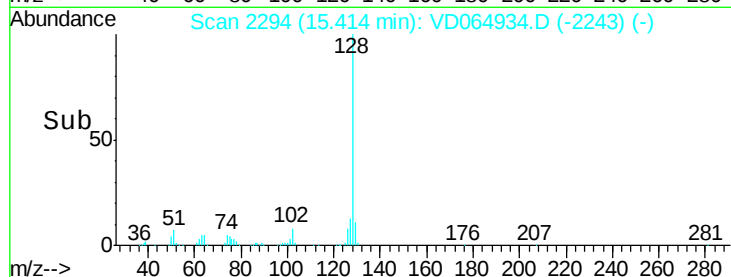
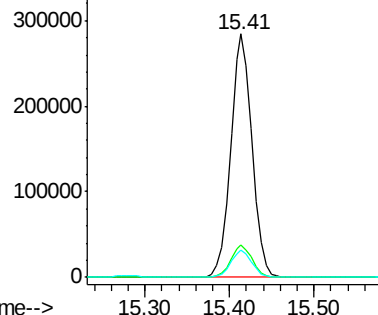
Tot Ion:	128	Resp:	502409
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	11.2	9.3	13.9

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.765 ug/l

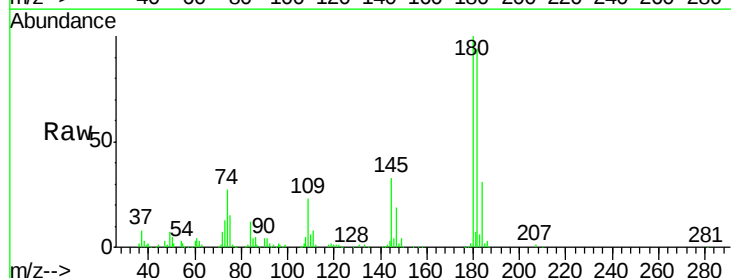
RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD064934.D

Acq: 23 Jan 2020 13:59

Tgt Ion:	180	Resp:	265169
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	141.8
145	30.6	14.6	43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

