

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066808.D
 Acq On : 22 Sep 2020 13:59
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV092220

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:04 PM

Quant Time: Sep 23 02:21:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	421767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	668339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	207091	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.91	113	219789	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.34	98	783107	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.63	95	270094	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	152486	52.093	ug/l	88
3) Chloromethane	2.21	50	188998	48.772	ug/l	99
4) Vinyl Chloride	2.35	62	189984	49.625	ug/l	100
5) Bromomethane	2.77	94	144887	53.843	ug/l	98
6) Chloroethane	2.93	64	117334	49.353	ug/l #	86
7) Trichlorofluoromethane	3.28	101	380202	48.356	ug/l	96
8) Diethyl Ether	3.71	74	99989	50.093	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	229596	50.359	ug/l	97
10) Methyl Iodide	4.30	142	211298	52.520	ug/l	98
11) Tert butyl alcohol	5.22	59	64778	262.059	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	208049	50.374	ug/l	94
13) Acrolein	3.92	56	71747	235.601	ug/l	96
14) Allyl chloride	4.71	41	321352	52.988	ug/l	98
15) Acrylonitrile	5.43	53	226737	256.322	ug/l	99
16) Acetone	4.16	43	219596	250.764	ug/l	96
17) Carbon Disulfide	4.41	76	634373	50.241	ug/l	97
18) Methyl Acetate	4.71	43	99726	51.120	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	471277	52.545	ug/l	96
20) Methylene Chloride	4.97	84	256059	54.729	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	244692	51.168	ug/l	89
22) Diisopropyl ether	6.36	45	673612	54.021	ug/l	98
23) Vinyl Acetate	6.31	43	1806171	266.611	ug/l	100
24) 1,1-Dichloroethane	6.26	63	423864	50.812	ug/l	98
25) 2-Butanone	7.21	43	266197	252.951	ug/l	95
26) 2,2-Dichloropropane	7.20	77	381342	49.876	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	269753	51.917	ug/l	100
28) Bromochloromethane	7.54	49	191381	55.534	ug/l #	99
29) Tetrahydrofuran	7.56	42	175114	259.696	ug/l	98
30) Chloroform	7.71	83	448638	49.893	ug/l	100
31) Cyclohexane	7.98	56	368453	49.088	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	416066	51.150	ug/l	99
36) 1,1-Dichloropropene	8.11	75	342608	51.672	ug/l	99
37) Ethyl Acetate	7.29	43	128884	53.770	ug/l	98
38) Carbon Tetrachloride	8.10	117	368779	50.873	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	415987	54.643	ug/l	99
40) Benzene	8.35	78	956307	51.751	ug/l	98
41) Methacrylonitrile	7.53	41	78544m	53.284	ug/l	
42) 1,2-Dichloroethane	8.42	62	279406	51.146	ug/l	98
43) Isopropyl Acetate	8.45	43	239461	51.817	ug/l	98
44) Trichloroethene	9.11	130	262540	49.845	ug/l	99
45) 1,2-Dichloropropane	9.38	63	234503	50.438	ug/l	98
46) Dibromomethane	9.47	93	130809	51.783	ug/l	99
47) Bromodichloromethane	9.66	83	346043	50.994	ug/l #	98
48) Methyl methacrylate	9.45	41	131722	57.812	ug/l	89
49) 1,4-Dioxane	9.46	88	28531	995.480	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	626282	267.459	ug/l	98
52) Toluene	10.40	92	629543	52.890	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	309131	53.522	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	368300	52.296	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	174757	50.324	ug/l	93
56) Ethyl methacrylate	10.66	69	203099	54.594	ug/l	97
57) 1,3-Dichloropropane	10.94	76	299607	52.249	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	429326	243.729	ug/l	100
59) 2-Hexanone	10.98	43	428092	271.096	ug/l	99
60) Dibromochloromethane	11.14	129	228771	50.476	ug/l	99
61) 1,2-Dibromoethane	11.24	107	169084	52.348	ug/l	99
64) Tetrachloroethene	10.87	164	218328	50.184	ug/l	90
65) Chlorobenzene	11.67	112	651561	51.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	244672	51.349	ug/l	99
67) Ethyl Benzene	11.74	91	1197262	54.147	ug/l	98
68) m/p-Xylenes	11.85	106	920051	109.901	ug/l	99
69) o-Xylene	12.18	106	412992	54.557	ug/l	100
70) Styrene	12.19	104	723808	55.059	ug/l	99
71) Bromoform	12.36	173	124388	51.559	ug/l #	99
73) Isopropylbenzene	12.48	105	1162215	56.165	ug/l	100
74) N-amyl acetate	12.29	43	222034	54.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	182568	51.130	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	115519m	48.663	ug/l	
77) Bromobenzene	12.76	156	256183	52.934	ug/l	99
78) n-propylbenzene	12.82	91	1363995	54.791	ug/l	100
79) 2-Chlorotoluene	12.91	91	761221	53.659	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	972794	55.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52952	55.808	ug/l	98
82) 4-Chlorotoluene	13.01	91	793872	53.086	ug/l	99
83) tert-Butylbenzene	13.23	119	814500	56.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	965920	55.478	ug/l	99
85) sec-Butylbenzene	13.40	105	1139353	54.915	ug/l	100
86) p-Isopropyltoluene	13.52	119	1061442	56.756	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	506440	52.967	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	488568	51.447	ug/l	99
89) n-Butylbenzene	13.84	91	991163	55.759	ug/l	99
90) Hexachloroethane	14.11	117	198820	52.365	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	429445	52.498	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29194	50.826	ug/l	96

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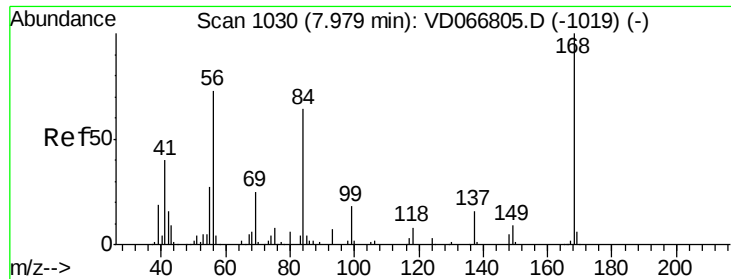
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	277926	53.971	ug/l	99
94) Hexachlorobutadiene	15.27	225	166670	54.012	ug/l	98
95) Naphthalene	15.41	128	491864	56.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	239538	53.894	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion:168 Resp: 421767

Ion Ratio Lower Upper

168 100

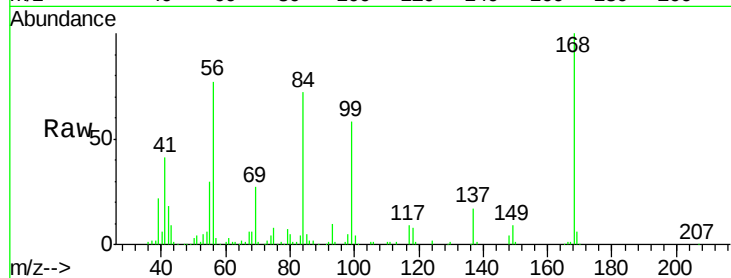
99 57.8 46.6 69.8

Manual Integrations

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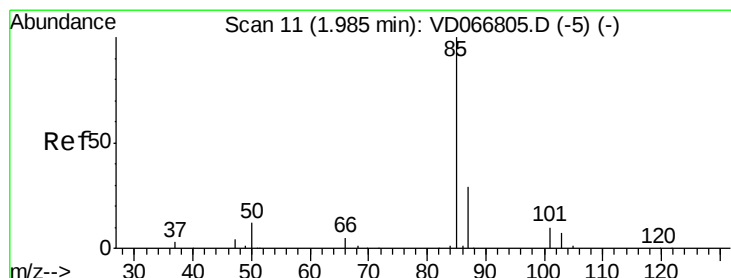
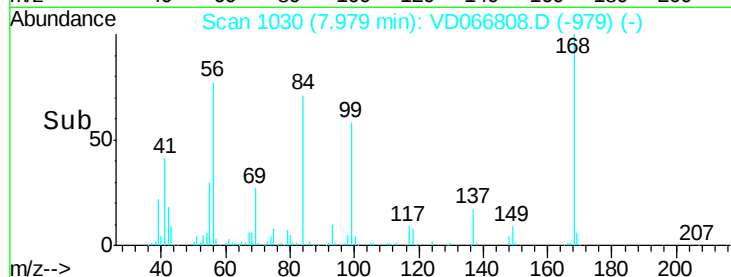
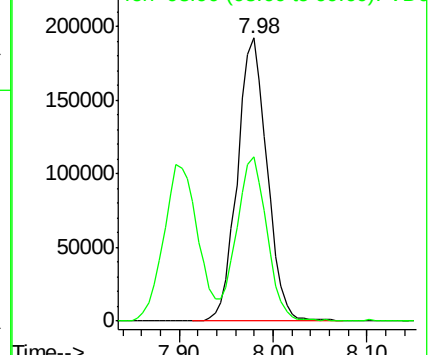
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 52.093 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066808.D

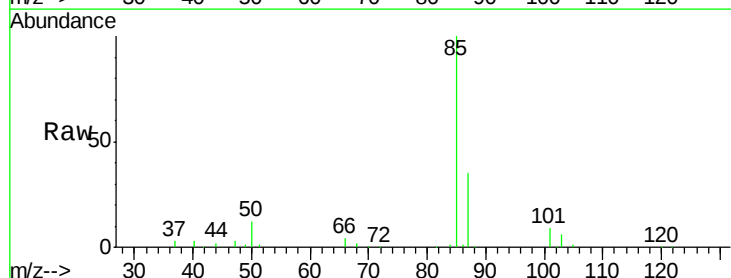
Acq: 22 Sep 2020 13:59

Tgt Ion: 85 Resp: 152486

Ion Ratio Lower Upper

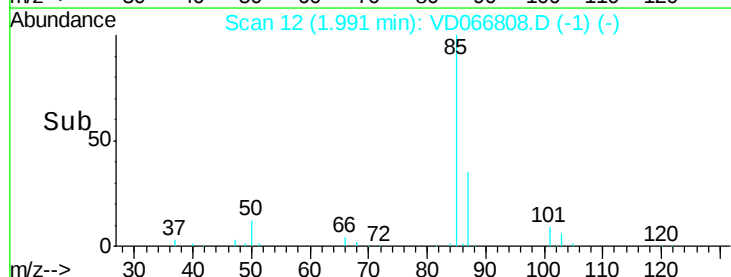
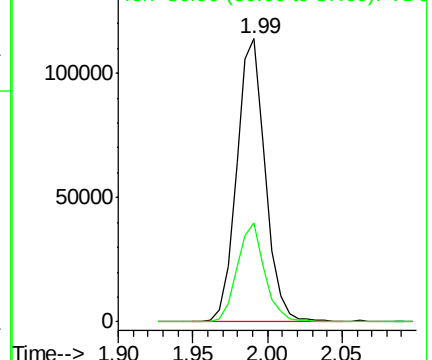
85 100

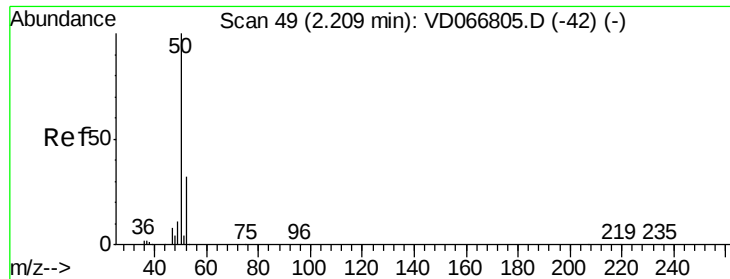
87 35.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.772 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 50 Resp: 188998

Ion Ratio Lower Upper

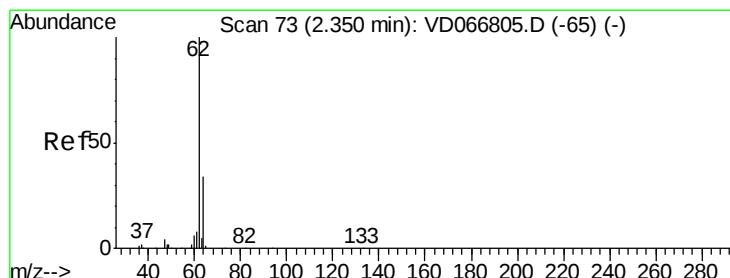
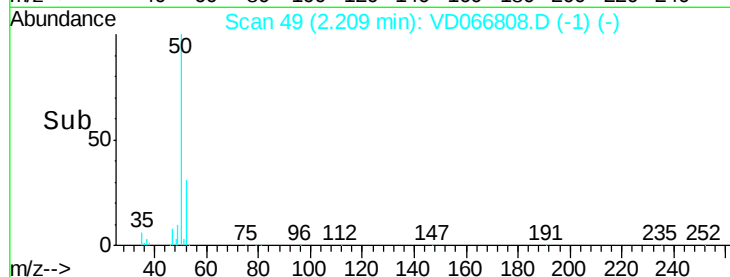
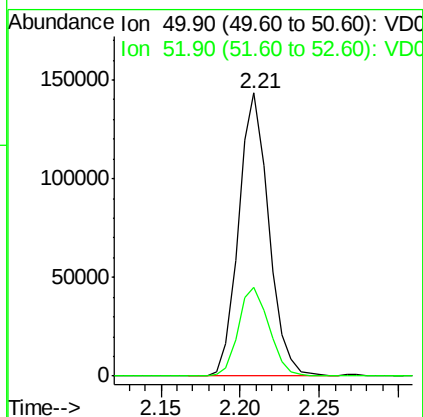
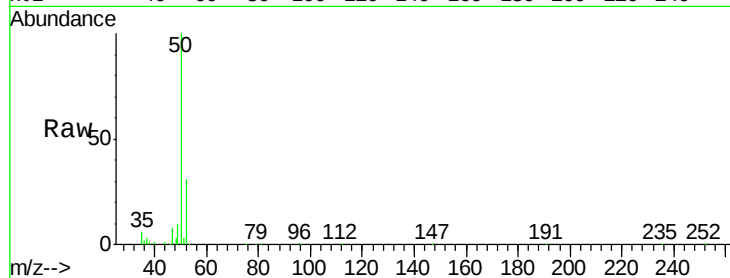
50 100

52 31.3 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.625 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066808.D

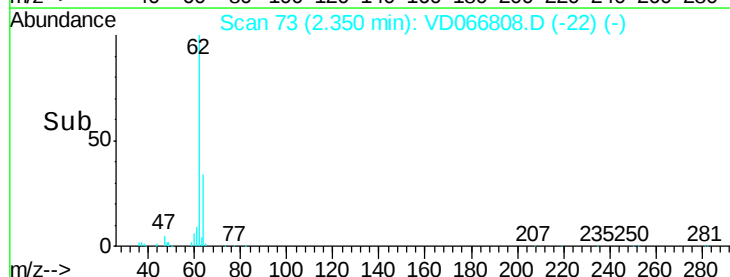
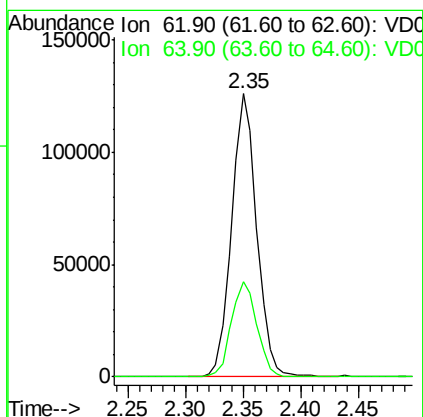
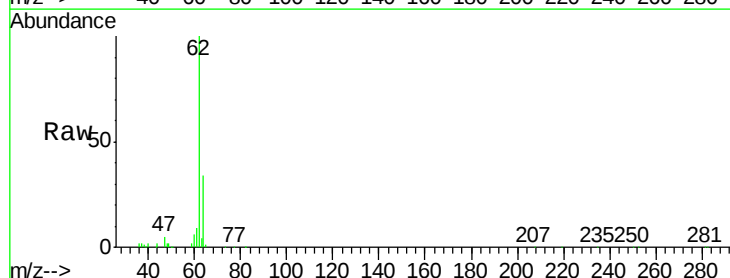
Acq: 22 Sep 2020 13:59

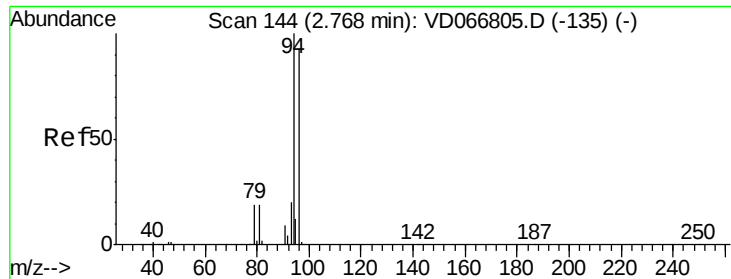
Tgt Ion: 62 Resp: 189984

Ion Ratio Lower Upper

62 100

64 33.7 27.0 40.4





#5

Bromomethane

Concen: 53.843 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 94 Resp: 144887

Ion Ratio Lower Upper

94 100

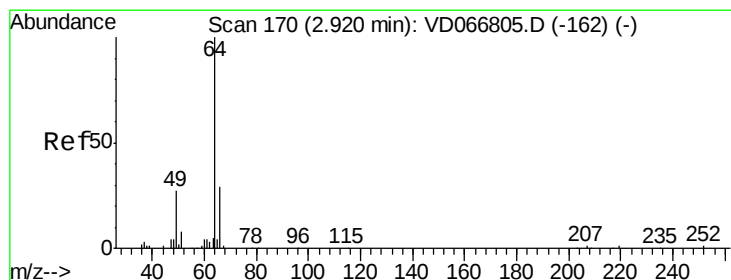
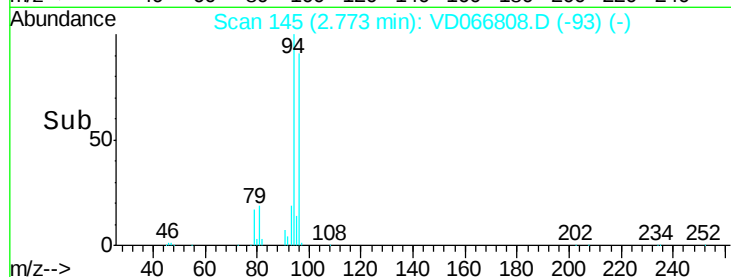
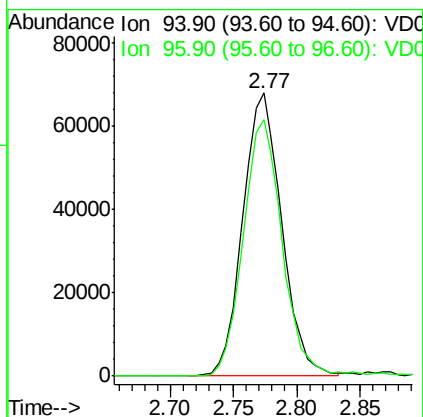
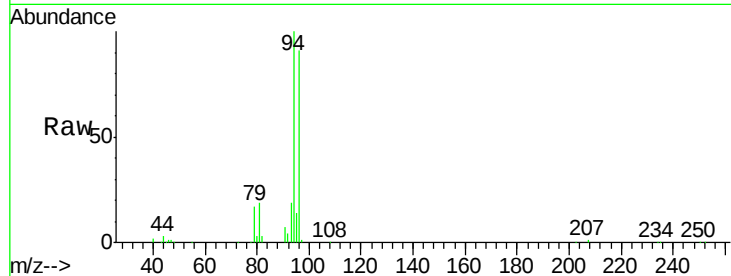
96 90.6 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 49.353 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066808.D

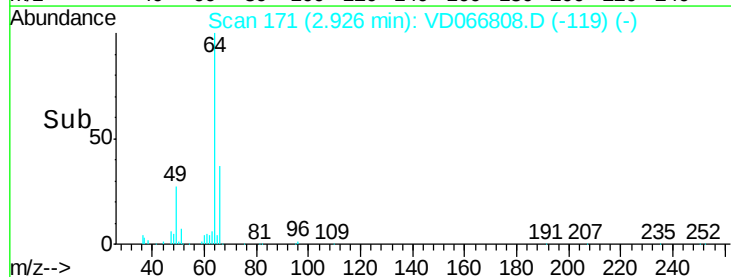
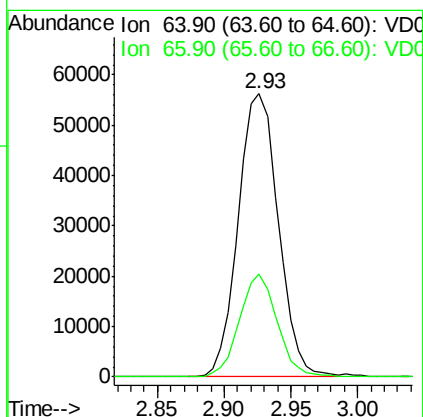
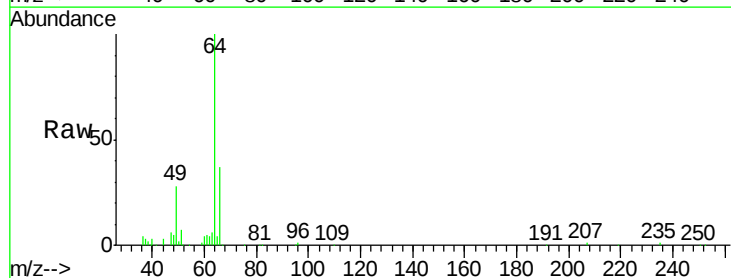
Acq: 22 Sep 2020 13:59

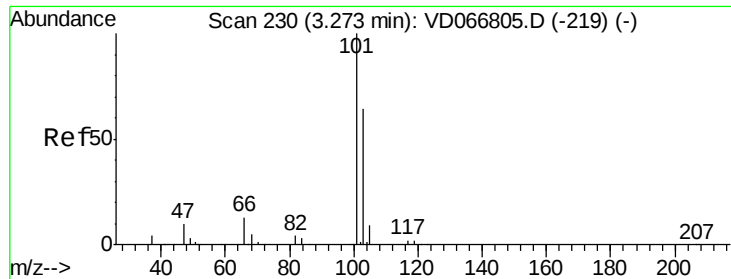
Tgt Ion: 64 Resp: 117334

Ion Ratio Lower Upper

64 100

66 36.5 23.3 34.9#





#7

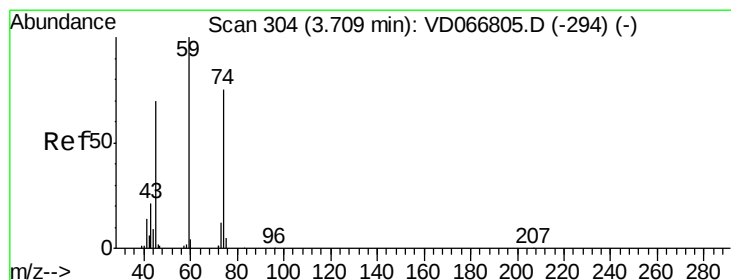
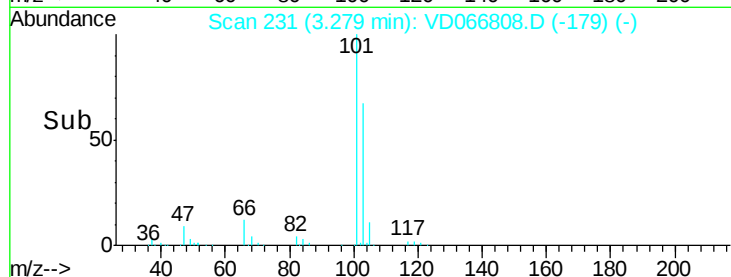
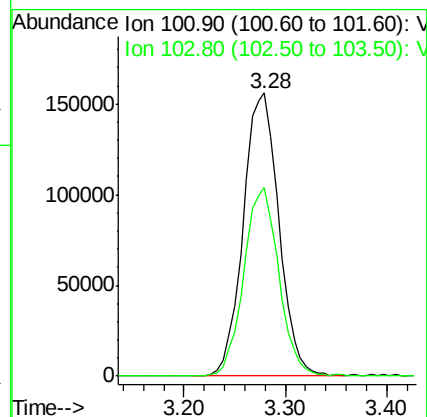
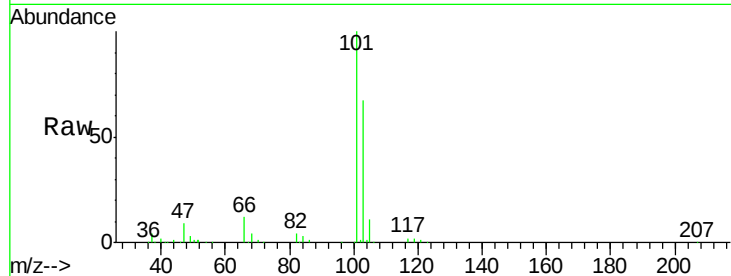
Trichlorofluoromethane
Concen: 48.356 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD066808.D
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ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
101	100	380202		
103	66.6	51.0	76.6	

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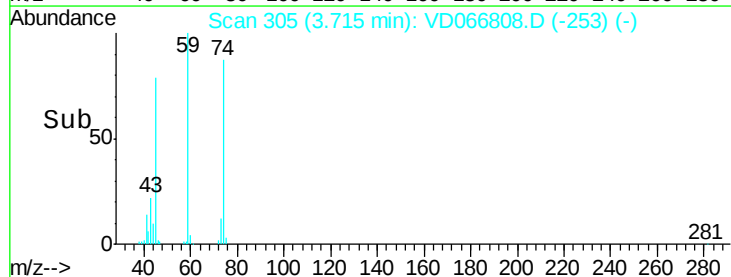
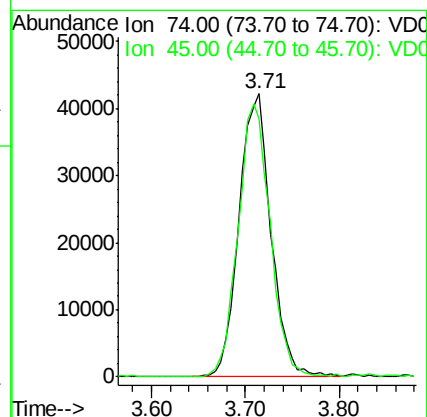
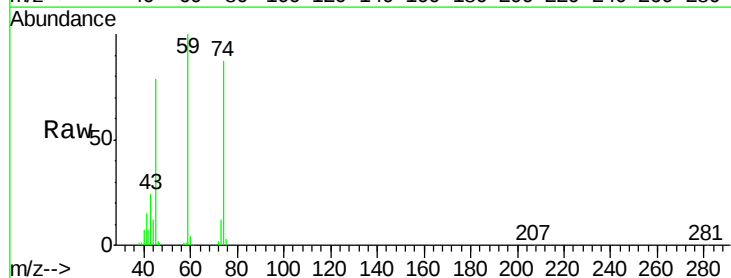
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9/23/2020 1:05:04 PM

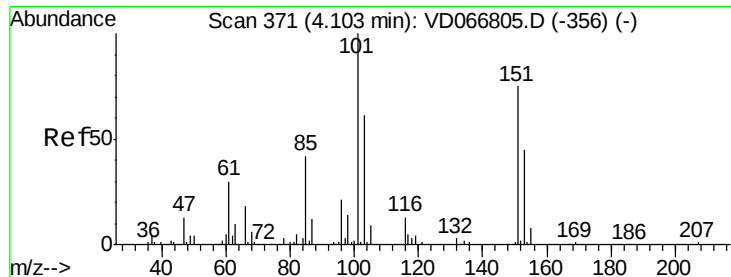


#8

Diethyl Ether
Concen: 50.093 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD066808.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	99989		
45	96.2	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.359 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

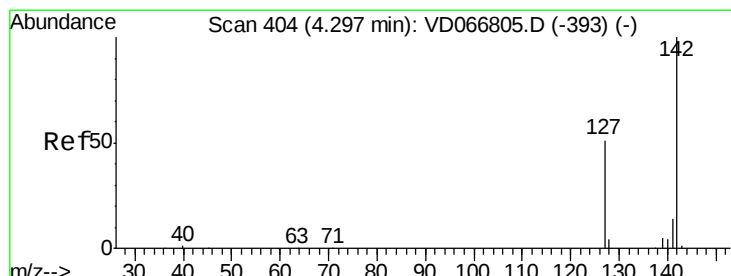
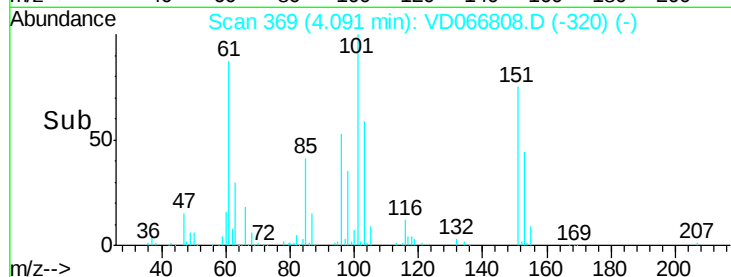
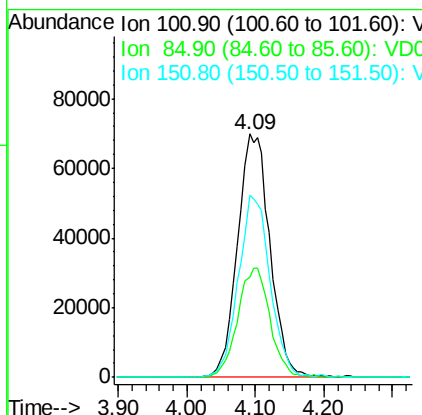
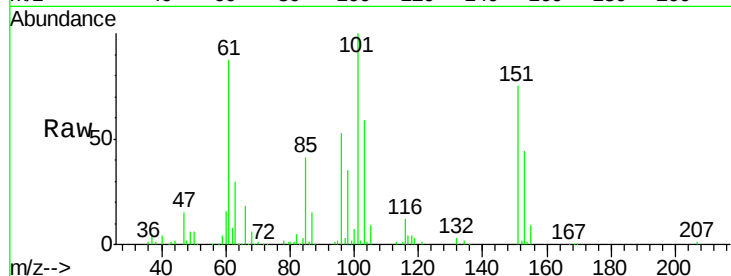
ClientSampleId :

ICVVD092220

Tot Ion:	101	Resp:	229596
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.4	53.2
151	73.0	61.4	92.0

Manual Integrations
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#10

Methyl Iodide

Concen: 52.520 ug/l

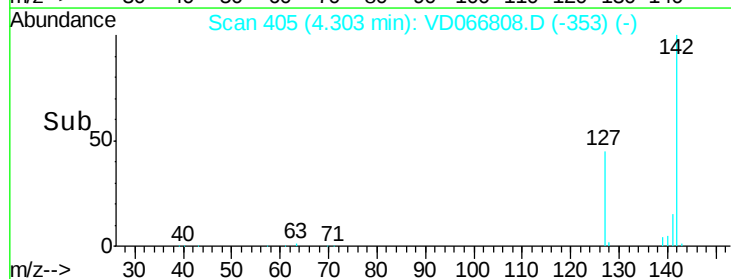
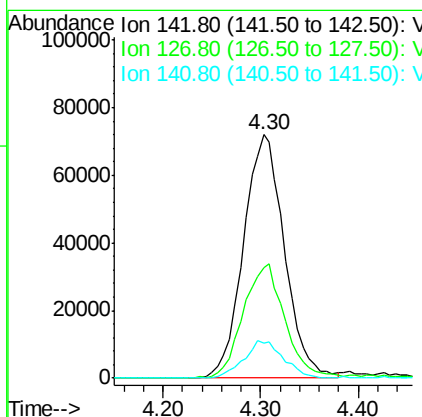
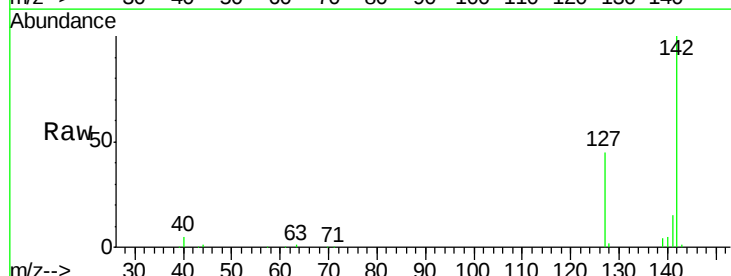
RT: 4.30 min Scan# 405

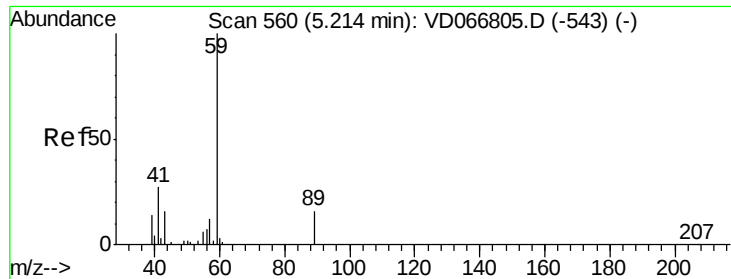
Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:	142	Resp:	211298
Ion Ratio	Lower	Upper	
142	100		
127	47.6	39.4	59.0
141	14.8	12.1	18.1





#11

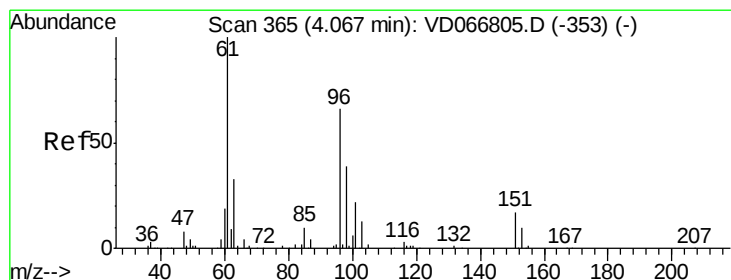
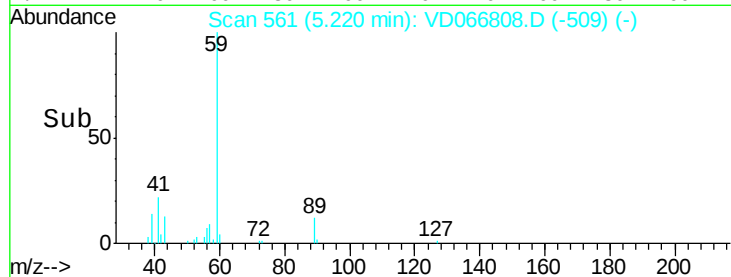
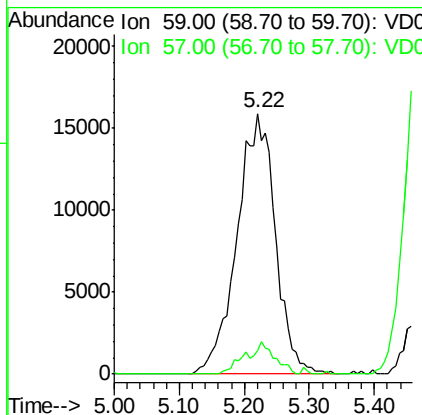
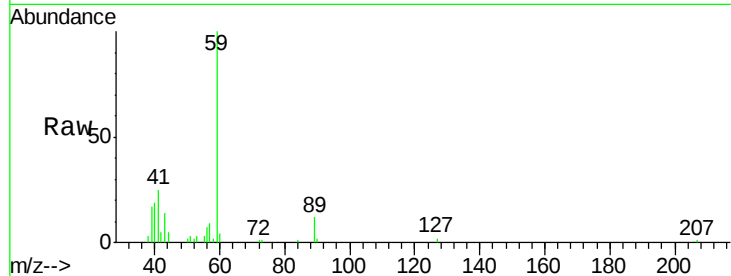
Tert butyl alcohol
Concen: 262.059 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.3	12.5#

Manual Integrations
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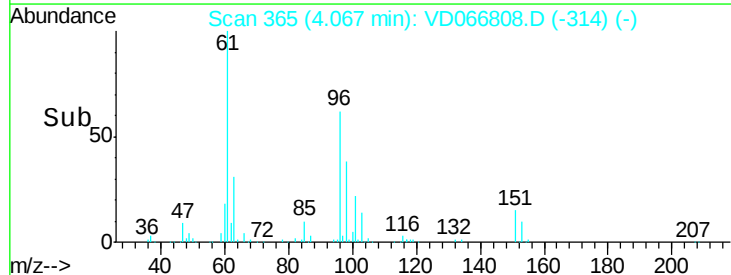
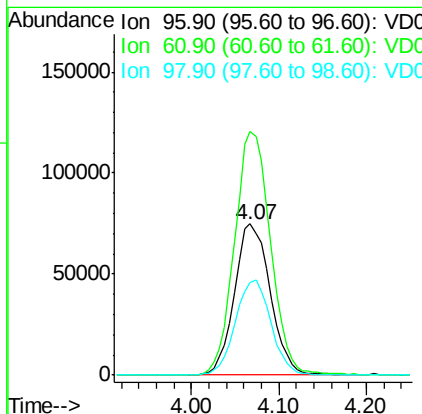
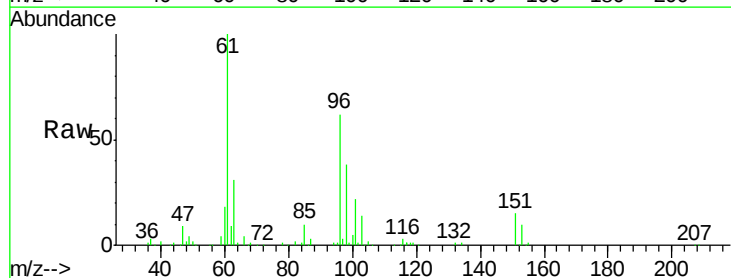
MMDadoda
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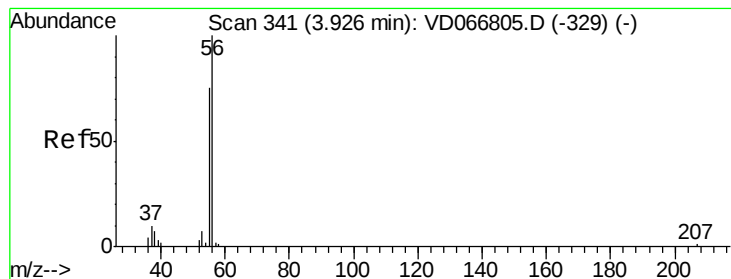


#12

1,1-Dichloroethene
Concen: 50.374 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	120.8	181.2
98	61.4	47.7	71.5





#13

Acrolein

Concen: 235.601 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 56 Resp: 71747

Ion Ratio Lower Upper

56 100

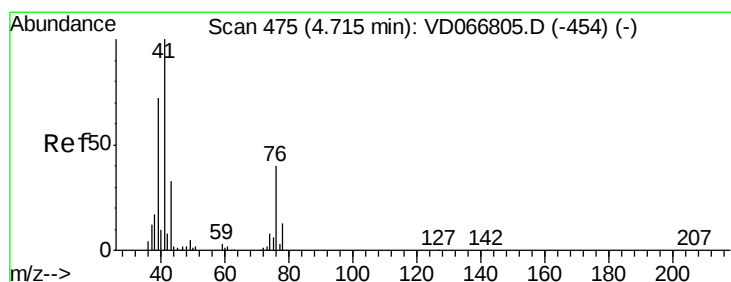
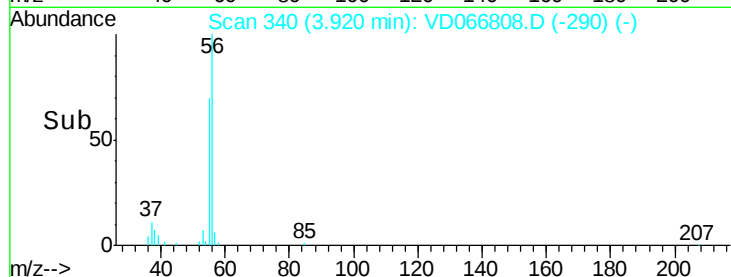
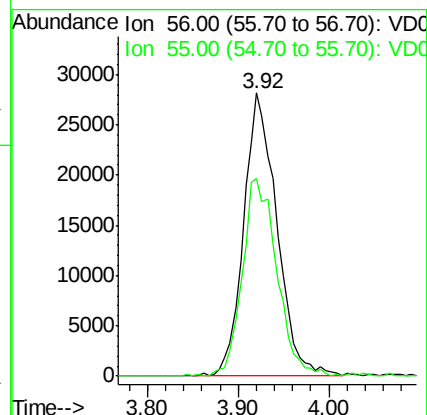
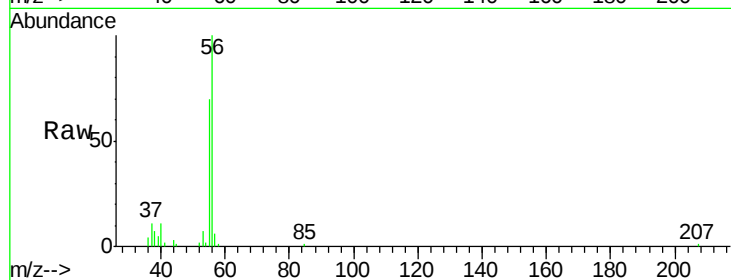
55 72.2 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 52.988 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

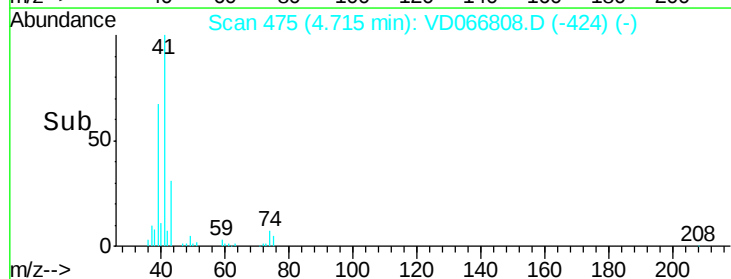
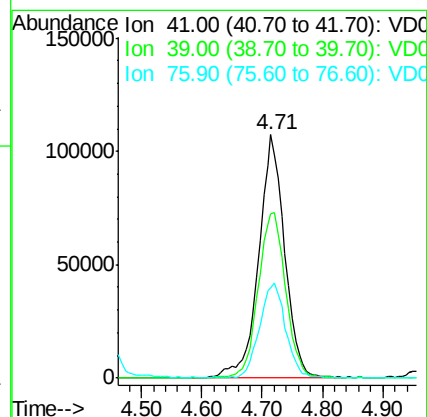
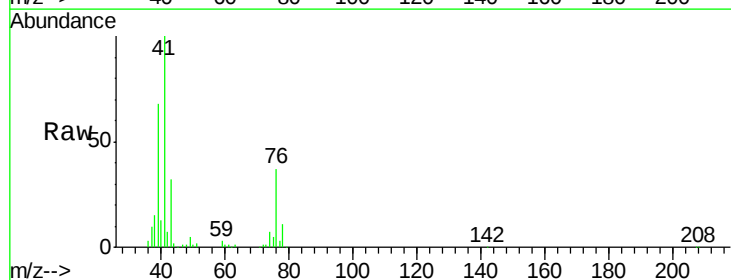
Tgt Ion: 41 Resp: 321352

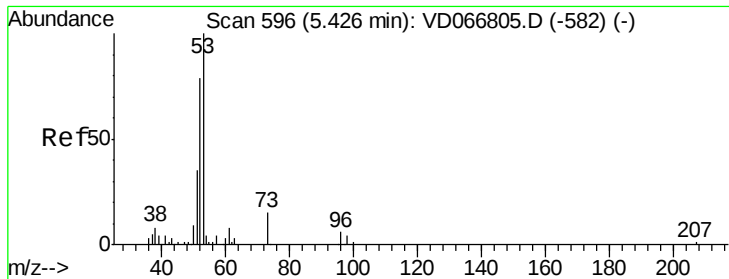
Ion Ratio Lower Upper

41 100

39 69.8 57.8 86.8

76 38.6 30.9 46.3





#15

Acrylonitrile

Concen: 256.322 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

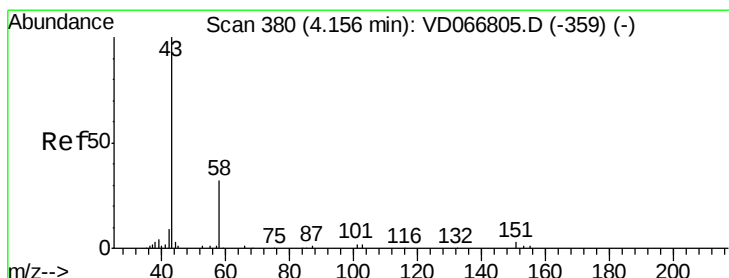
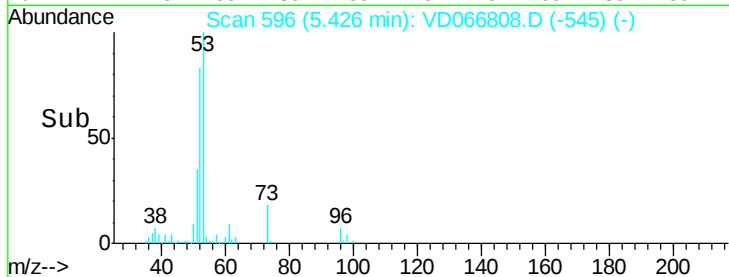
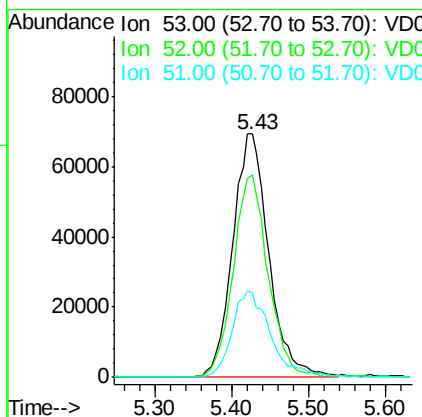
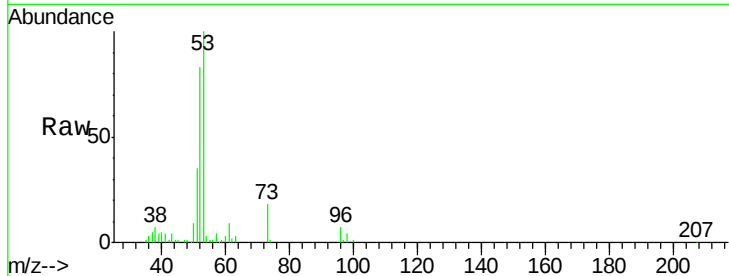
ClientSampleId :

ICVVD092220

Tot Ion:	53	Resp:	226737
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.2	97.8
51	37.6	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 250.764 ug/l

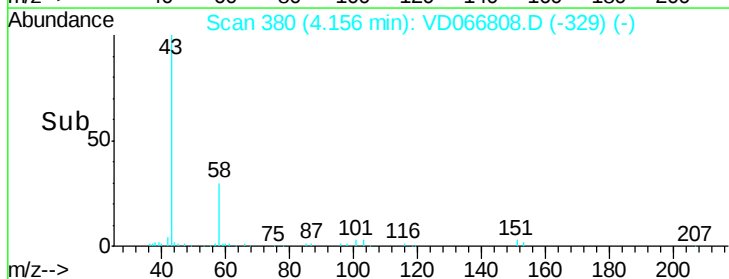
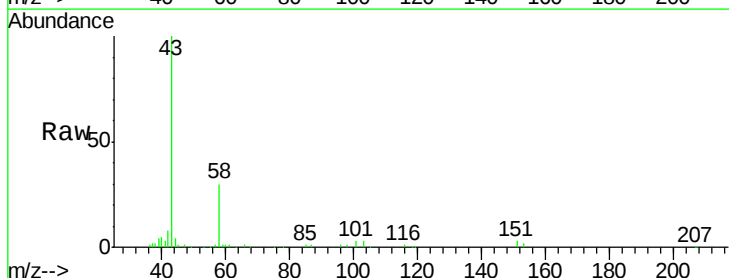
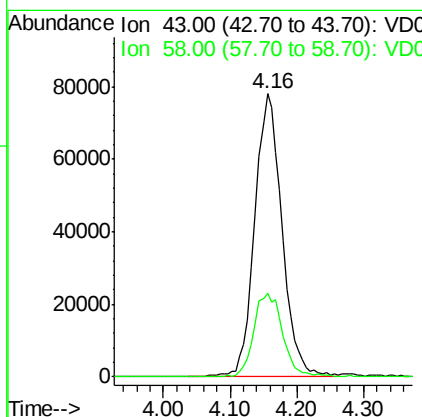
RT: 4.16 min Scan# 380

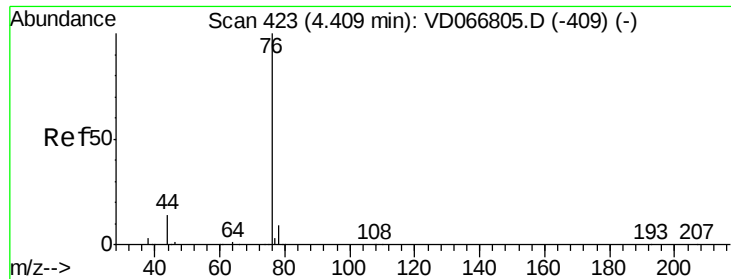
Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:	43	Resp:	219596
Ion Ratio	Lower	Upper	
43	100		
58	29.7	25.6	38.4





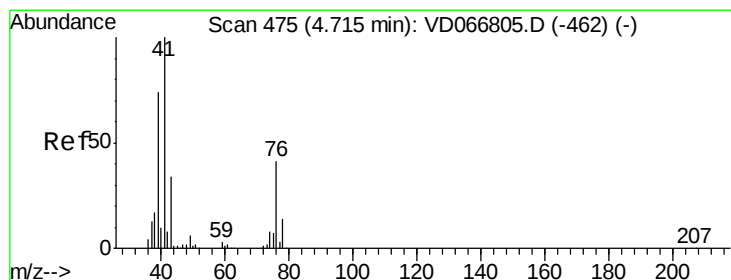
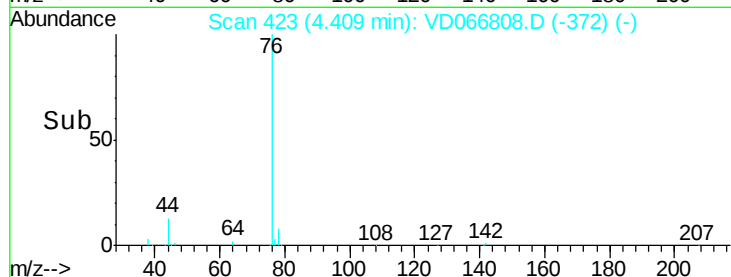
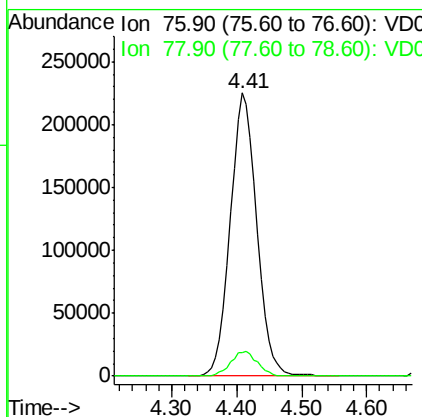
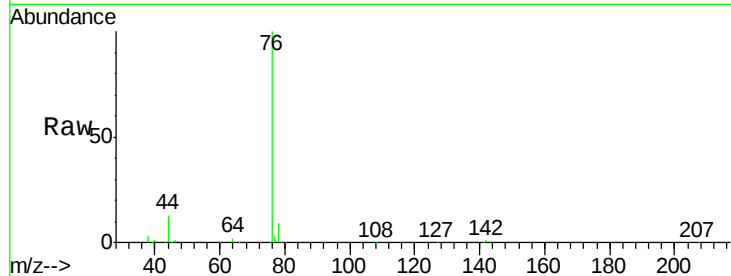
#17
Carbon Disulfide
Concen: 50.241 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.6	11.4

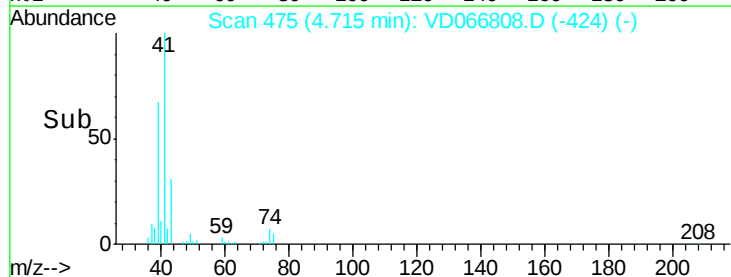
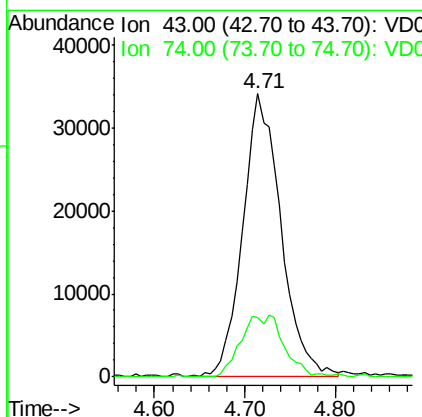
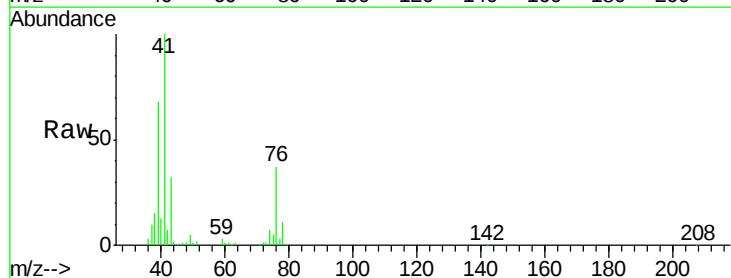
Manual Integrations
APPROVED

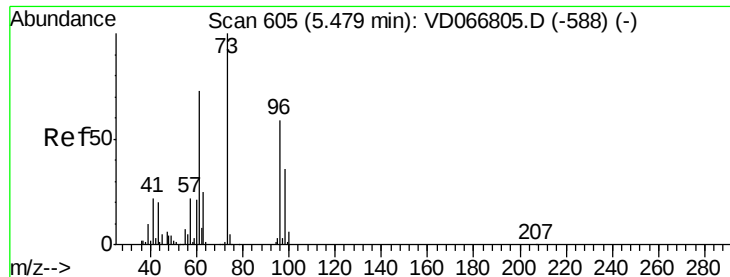
MMDadoda
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#18
Methyl Acetate
Concen: 51.120 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.3	30.5





#19

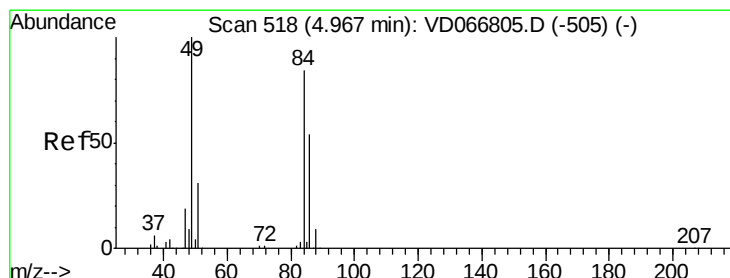
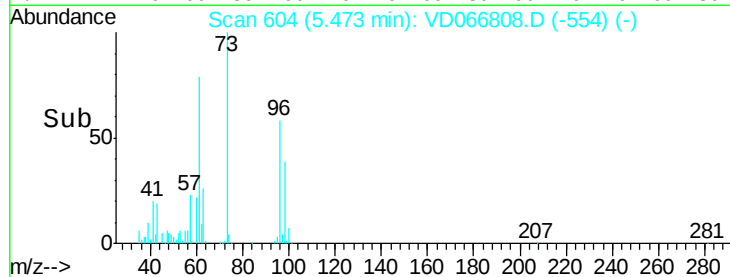
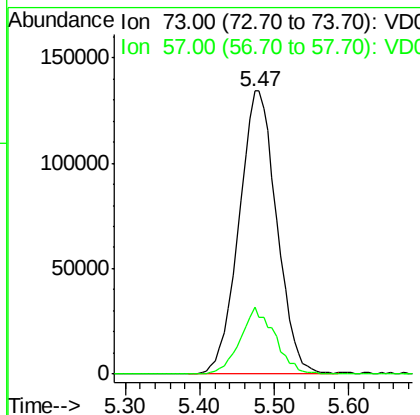
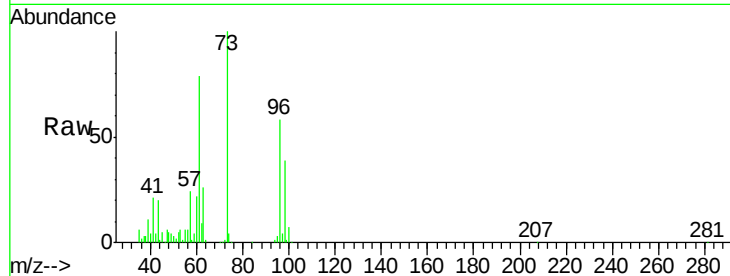
Methyl tert-butyl Ether
 Concen: 52.545 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleID :
 ICVVD092220

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.4	26.2

Manual Integrations
 APPROVED

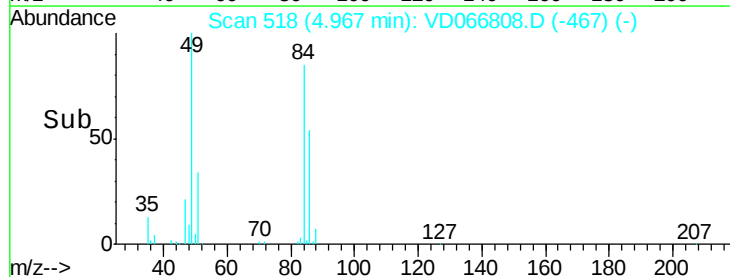
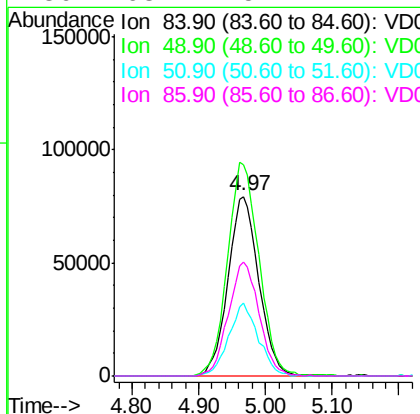
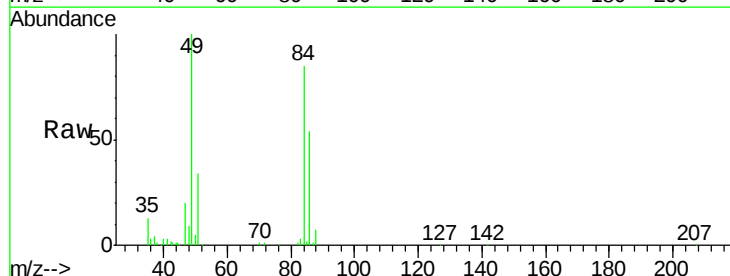
MMDadoda
 9/23/2020 1:05:04 PM

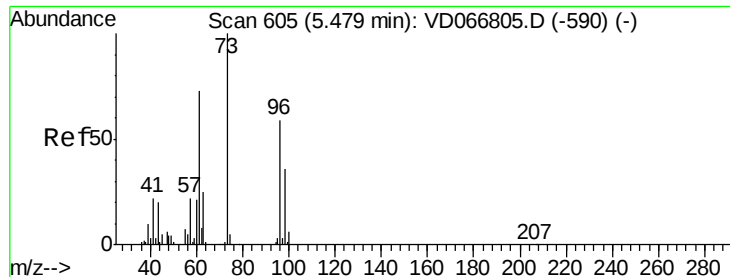


#20

Methylene Chloride
 Concen: 54.729 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	95.4	143.2
51	40.4	29.7	44.5
86	63.7	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 51.168 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

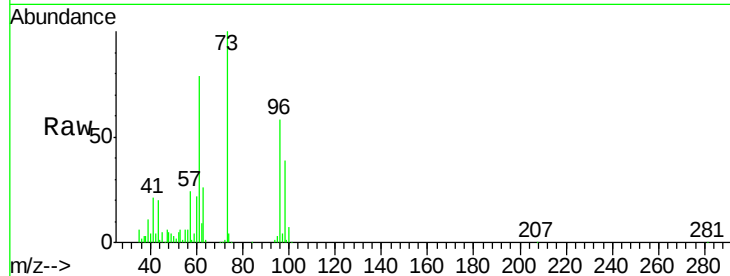
ClientSampleId :

ICVVD092220

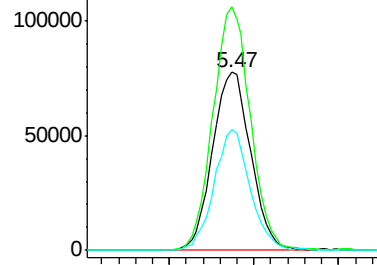
Tot Ion:	96	Resp:	244692
Ion	Ratio	Lower	Upper
96	100		
61	136.9	98.9	148.3
98	67.8	48.4	72.6

Manual Integrations
APPROVED

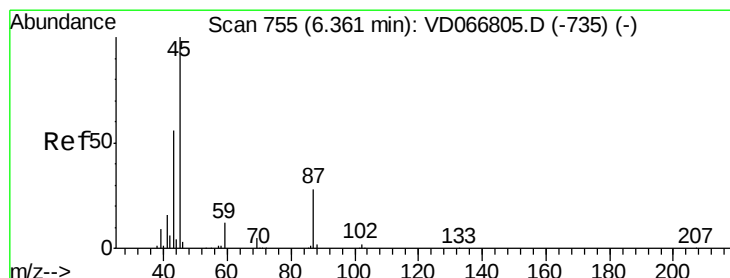
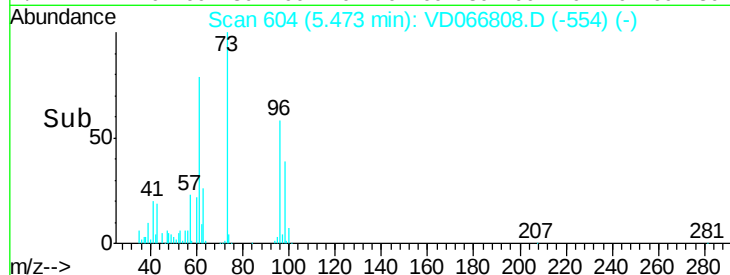
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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



Time-->



#22

Diisopropyl ether

Concen: 54.021 ug/l

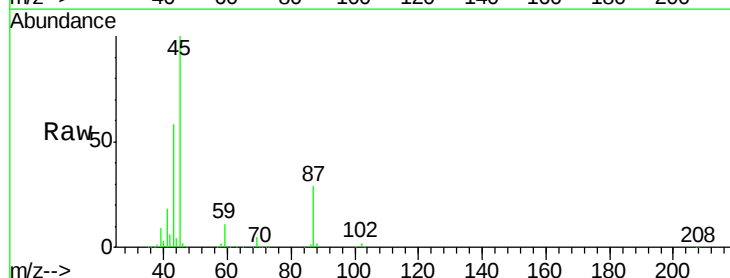
RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

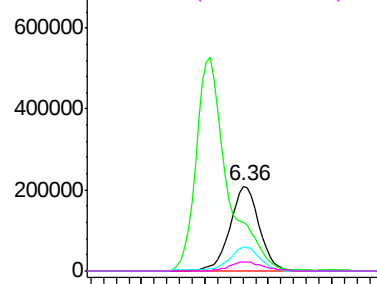
Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

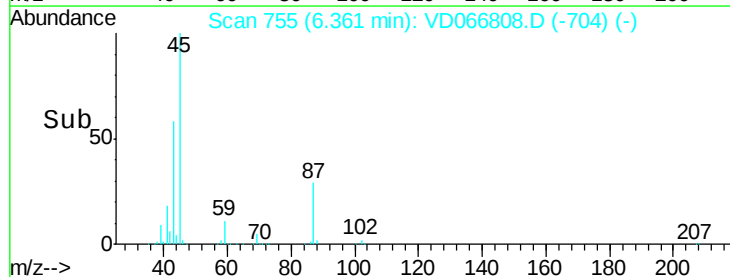
Tgt Ion:	45	Resp:	673612
Ion	Ratio	Lower	Upper
45	100		
43	57.5	44.5	66.7
87	28.4	22.9	34.3
59	10.5	9.4	14.0

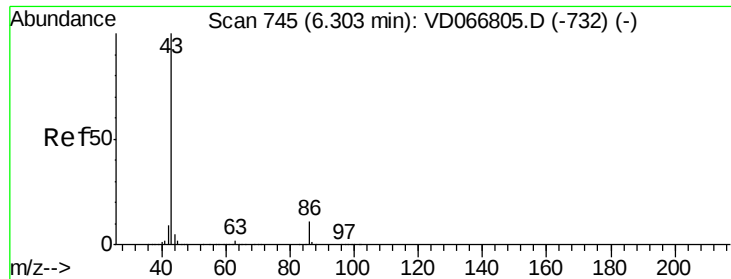


Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC



Time-->





#23

Vinyl Acetate

Concen: 266.611 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 43 Resp: 1806171

Ion Ratio Lower Upper

43 100

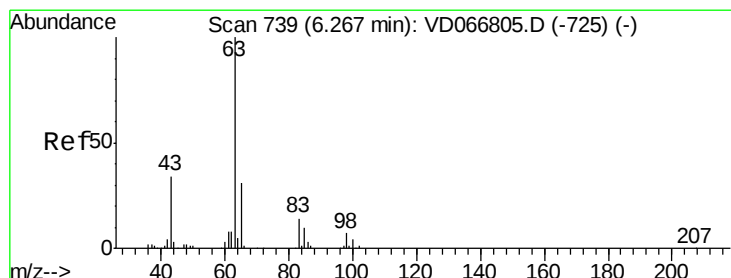
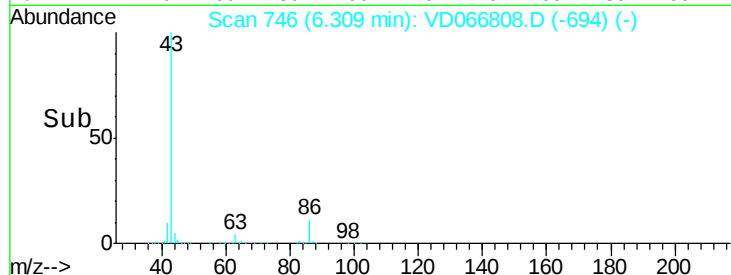
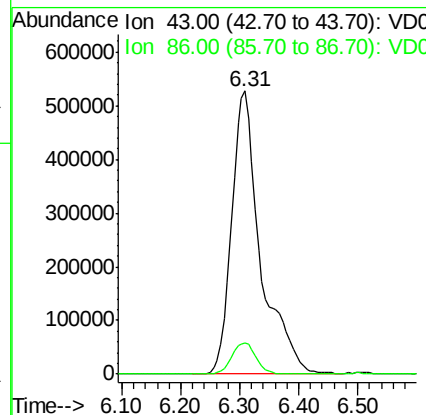
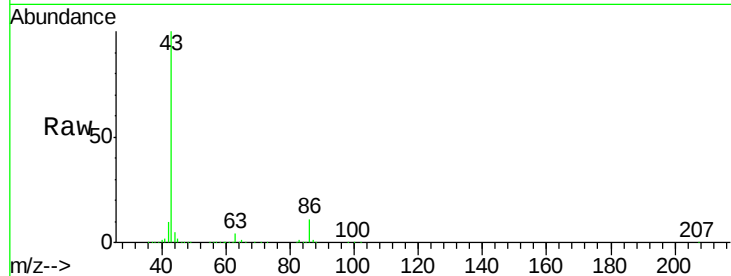
86 10.9 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.812 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

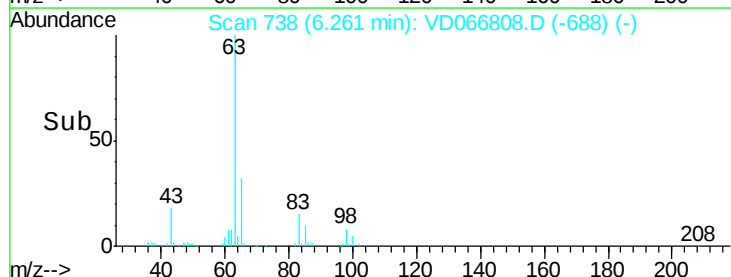
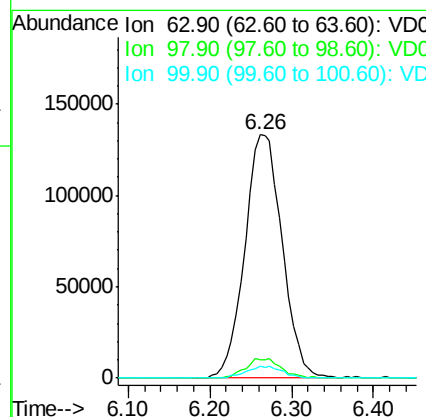
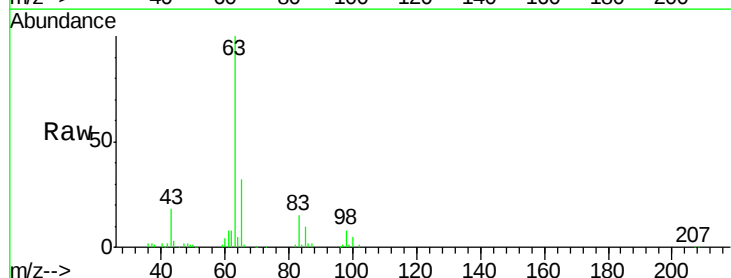
Tgt Ion: 63 Resp: 423864

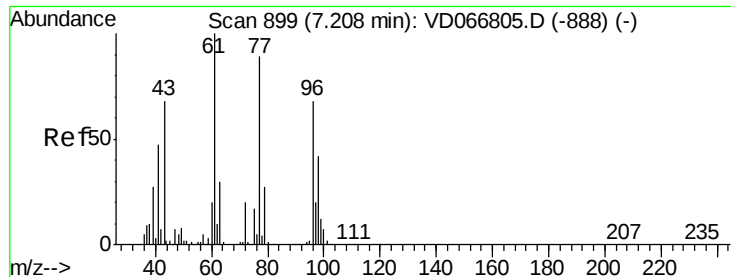
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 5.0 1.8 5.5





#25

2-Butanone

Concen: 252.951 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 43 Resp: 266197

Ion Ratio Lower Upper

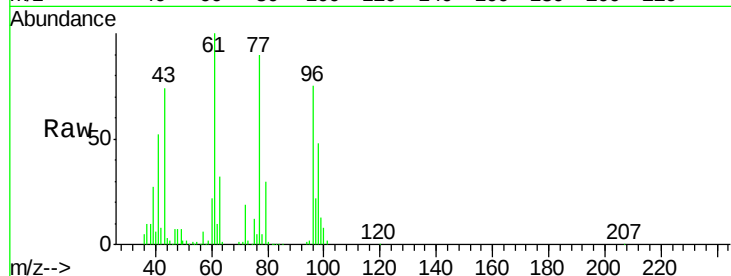
43 100

72 26.2 22.9 34.3

Manual Integrations
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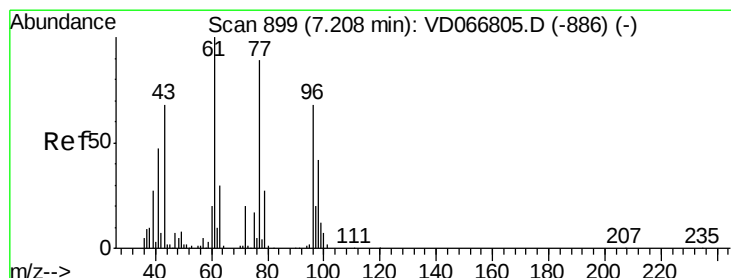
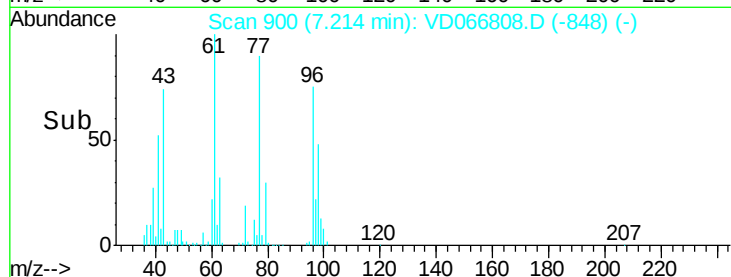
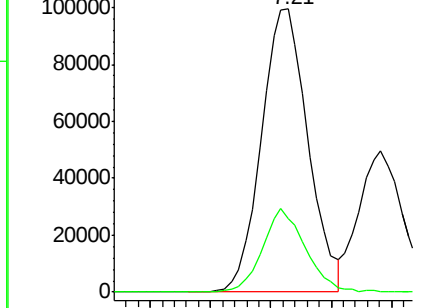
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.876 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066808.D

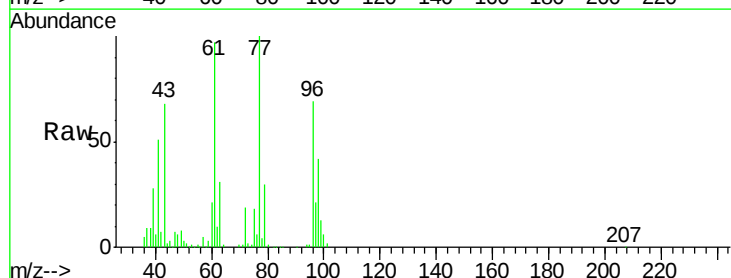
Acq: 22 Sep 2020 13:59

Tgt Ion: 77 Resp: 381342

Ion Ratio Lower Upper

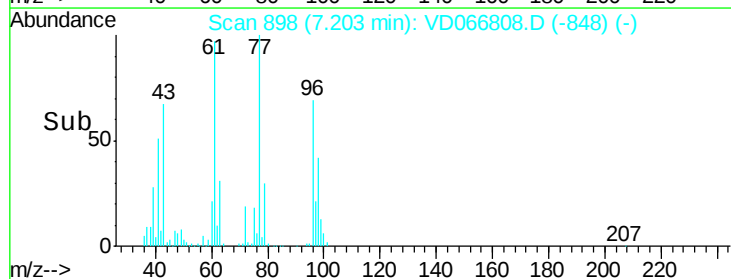
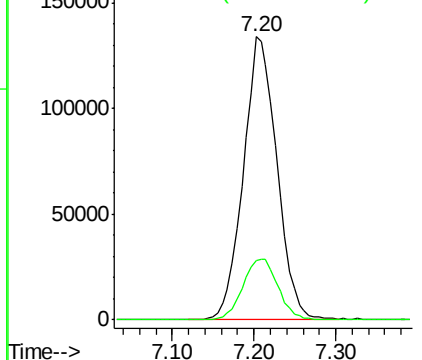
77 100

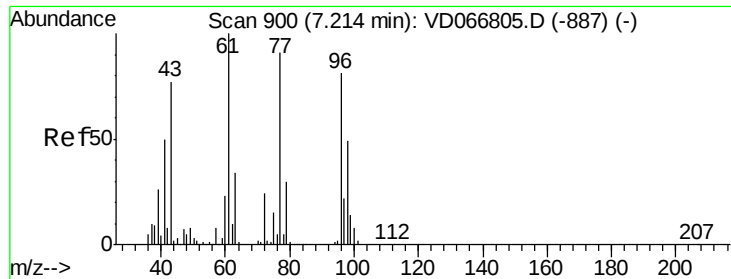
97 22.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





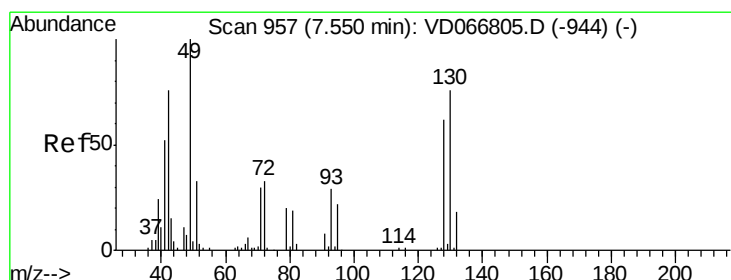
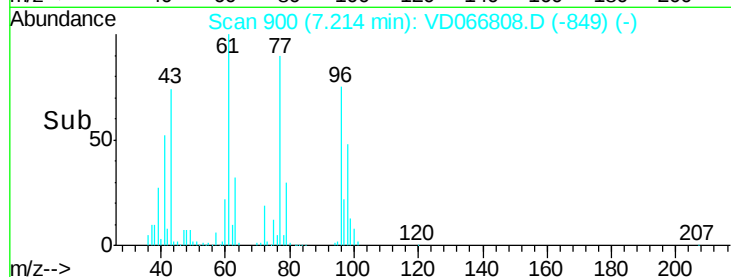
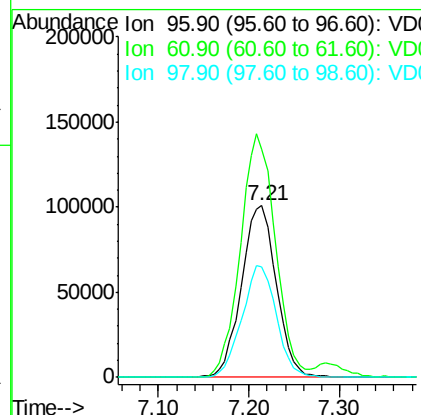
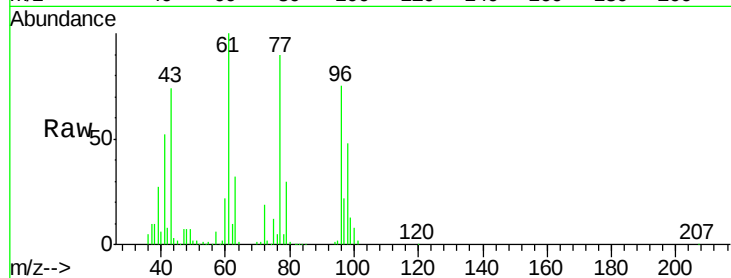
#27
 cis-1,2-Dichloroethene
 Concen: 51.917 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
96	100	269753		
61	142.1	0.0	283.8	
98	64.4	0.0	128.4	

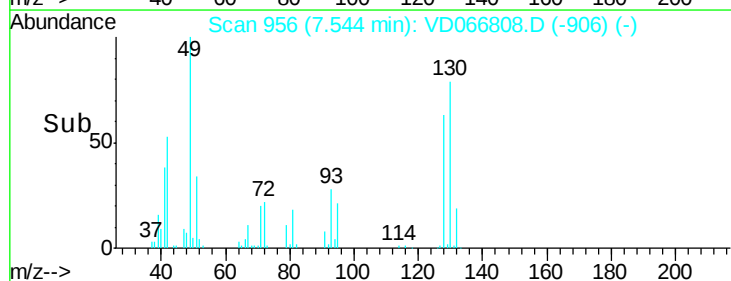
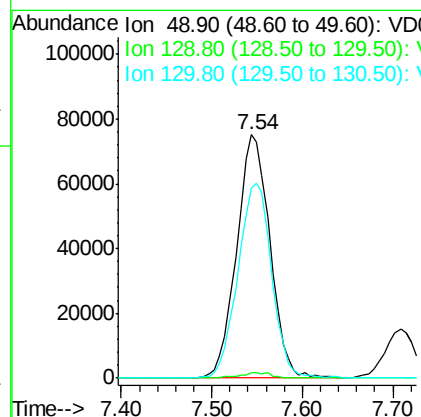
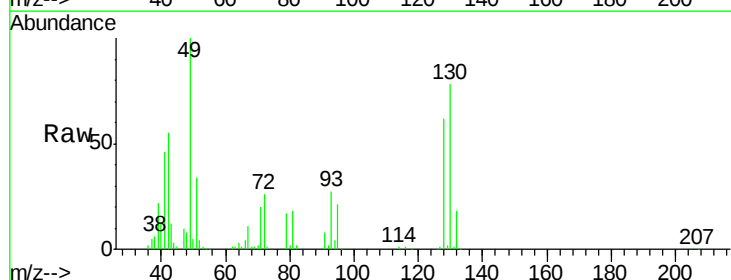
Manual Integrations
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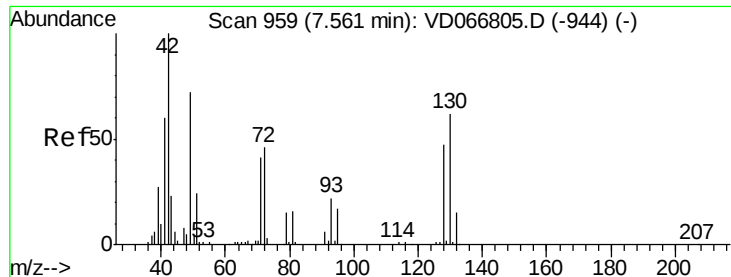
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#28
 Bromochloromethane
 Concen: 55.534 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191381		
129	2.2	0.0	2.0#	
130	81.2	65.9	98.9	





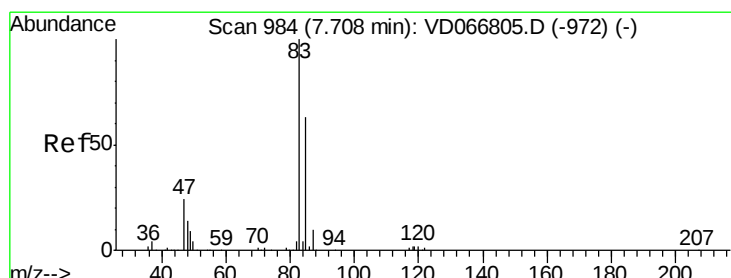
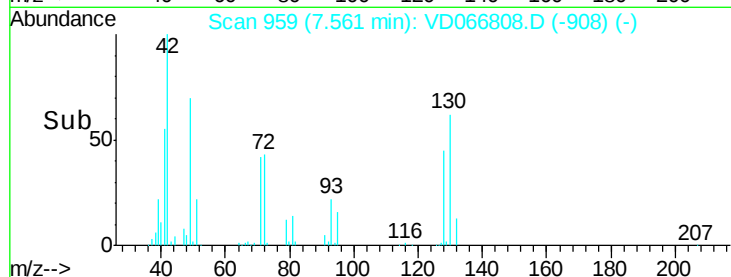
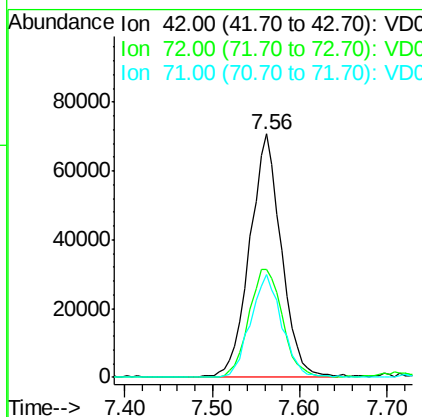
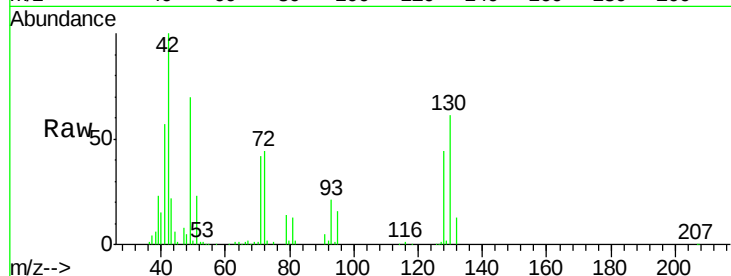
#29
Tetrahydrofuran
Concen: 259.696 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.2	54.4
71	41.4	32.4	48.6

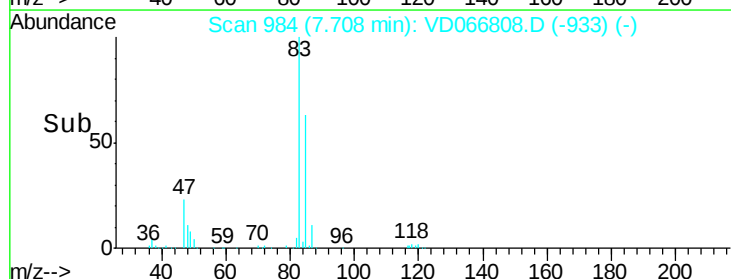
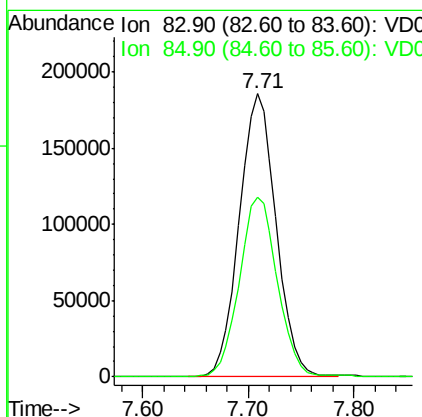
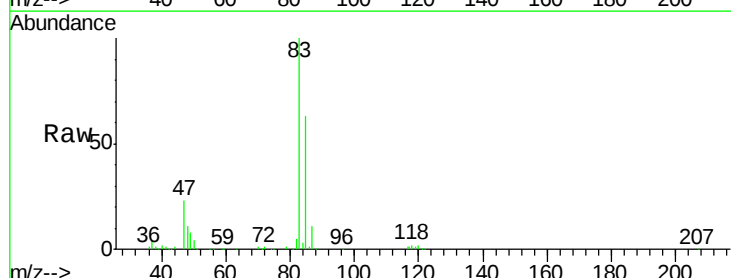
Manual Integrations
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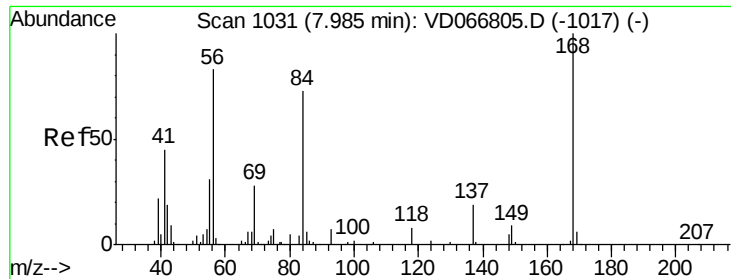
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#30
Chloroform
Concen: 49.893 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	75.8





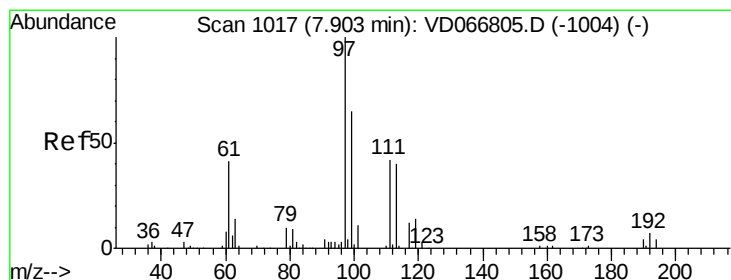
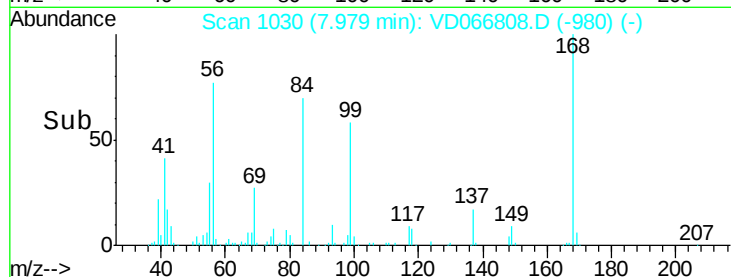
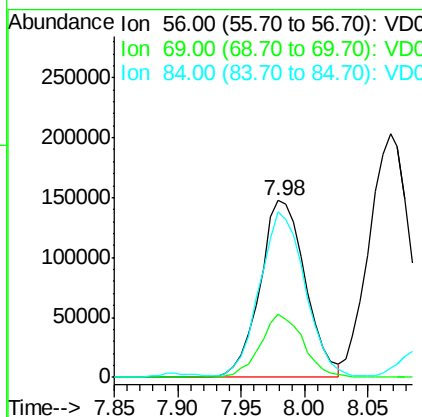
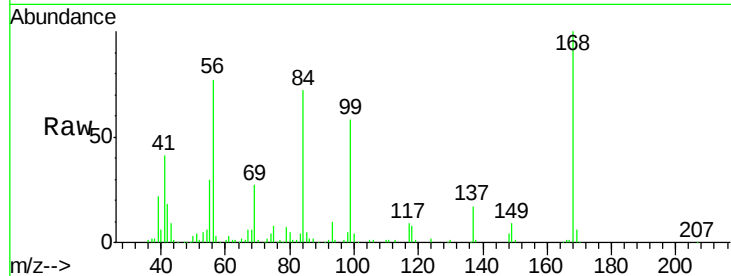
#31
Cyclohexane
Concen: 49.088 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	27.0	40.4
84	91.4	70.2	105.4

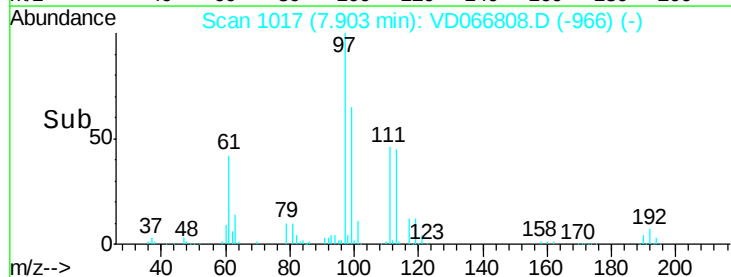
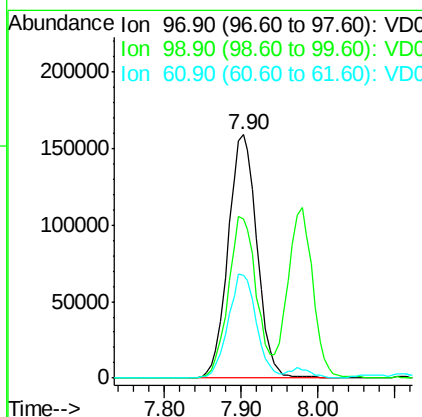
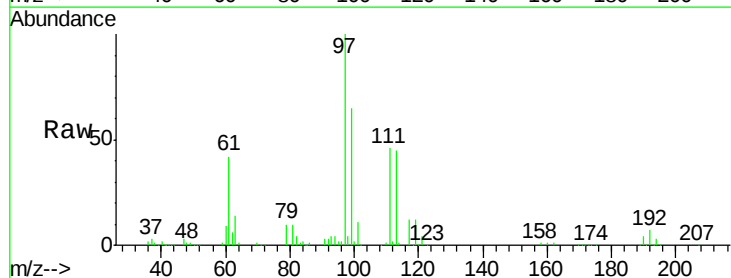
Manual Integrations
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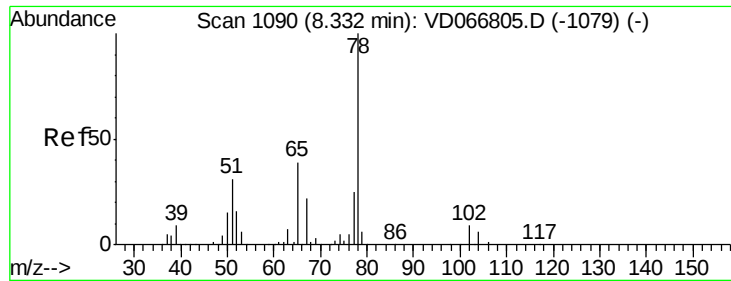
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#32
1,1,1-Trichloroethane
Concen: 51.150 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	41.9	34.2	51.4





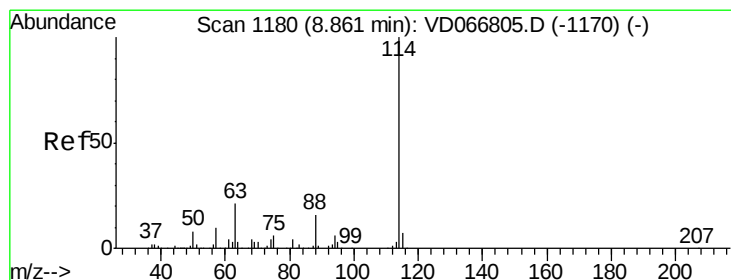
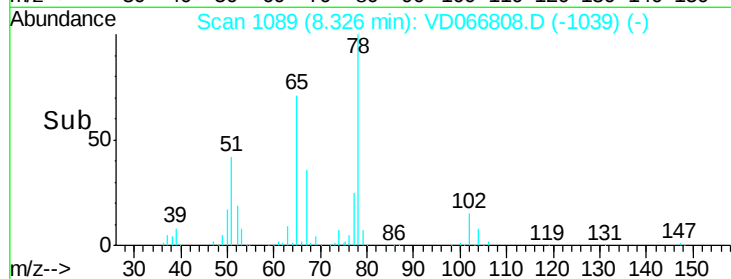
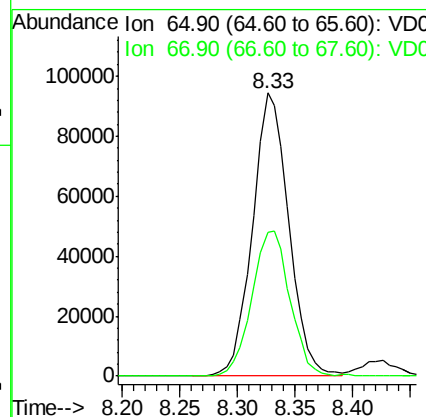
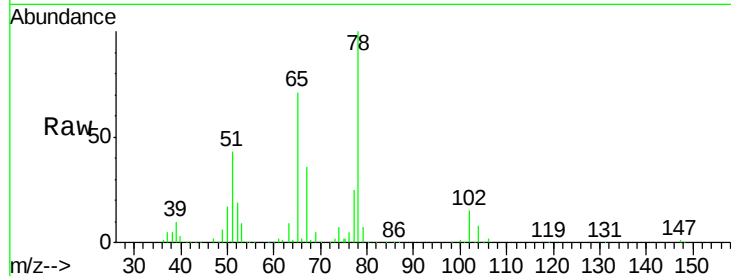
#33
 1,2-Dichloroethane-d4
 Concen: 50.166 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207091		
67	53.8	0.0	107.2	

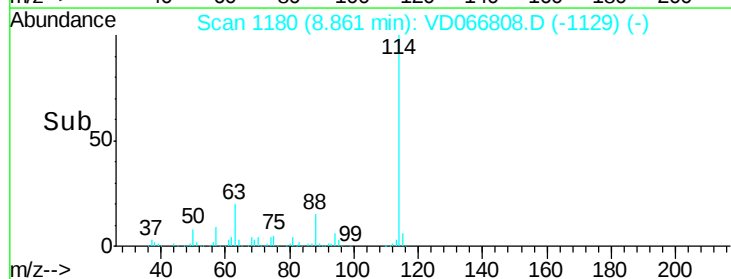
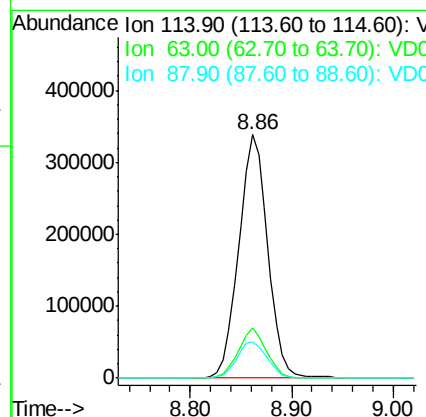
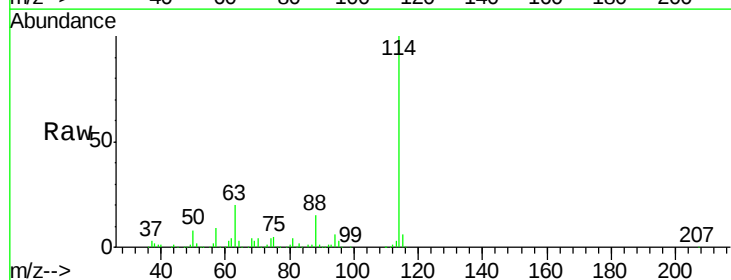
Manual Integrations
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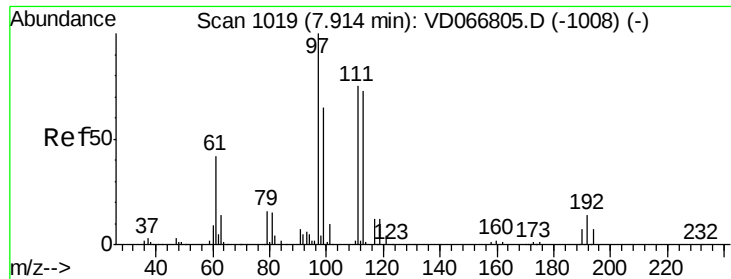
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	668339		
63	20.5	0.0	42.6	
88	15.1	0.0	32.6	





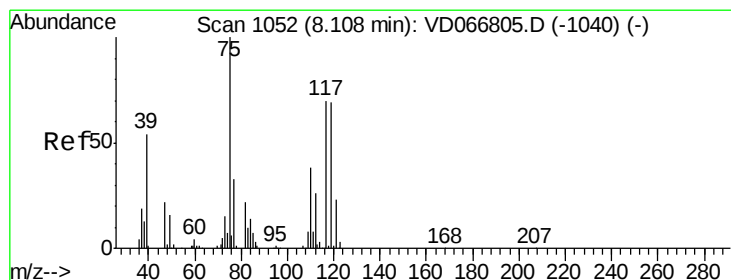
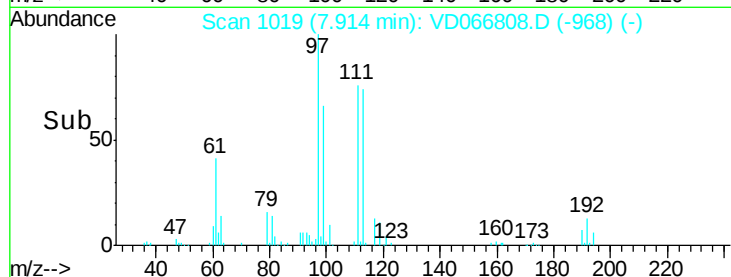
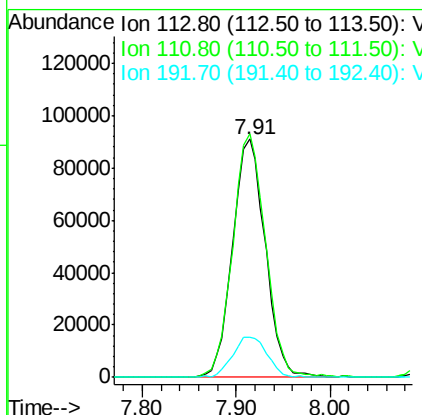
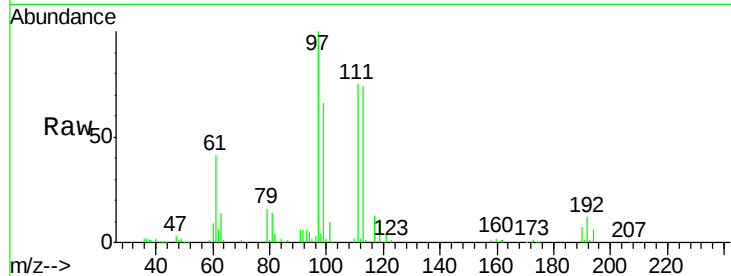
#35
Dibromofluoromethane
Concen: 51.691 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219789		
111	102.8	81.8	122.8	
192	17.9	14.4	21.6	

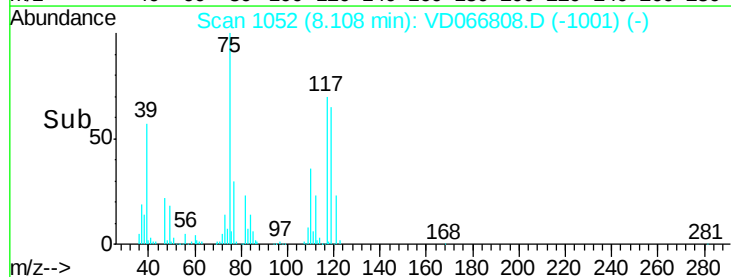
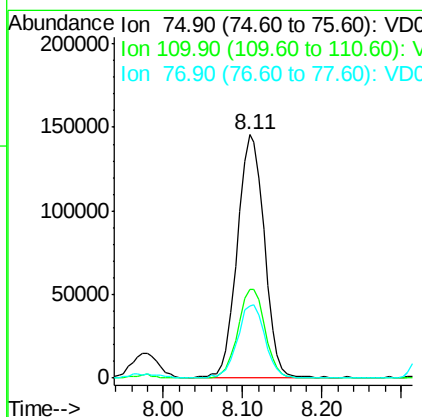
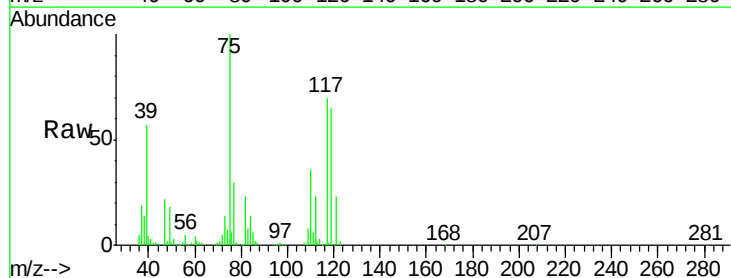
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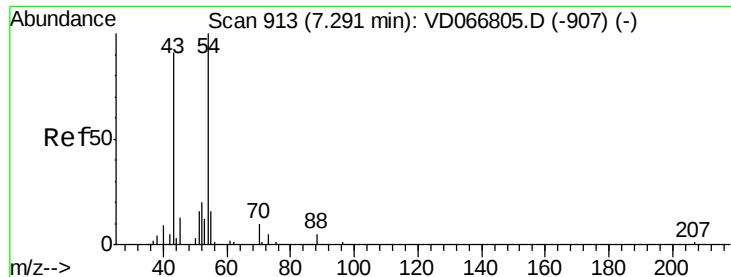
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#36
1,1-Dichloropropene
Concen: 51.672 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	342608		
110	36.8	17.9	53.8	
77	31.0	25.0	37.6	





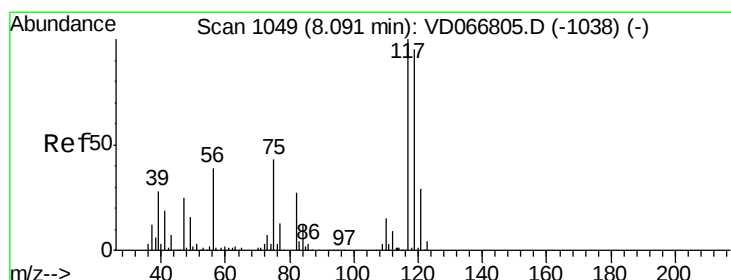
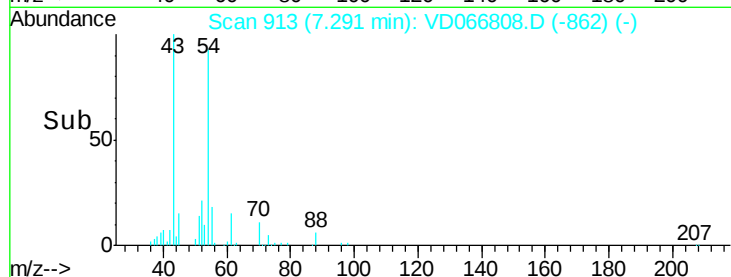
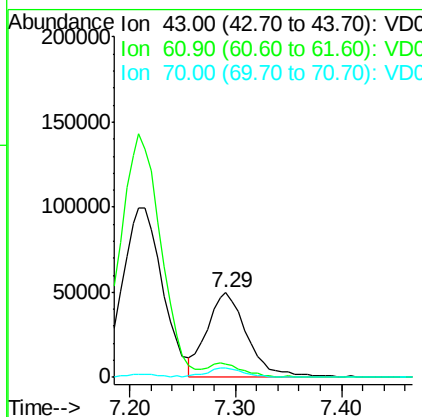
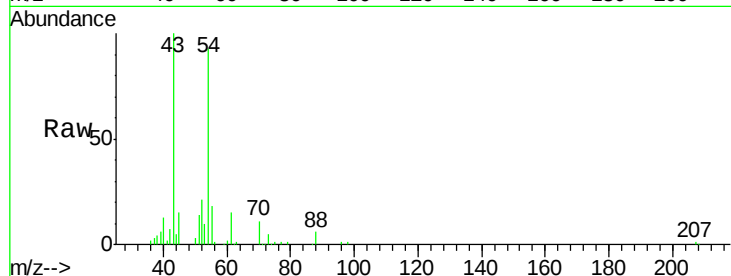
#37
Ethyl Acetate
Concen: 53.770 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.7	9.8	14.8	
70	10.7	8.5	12.7	

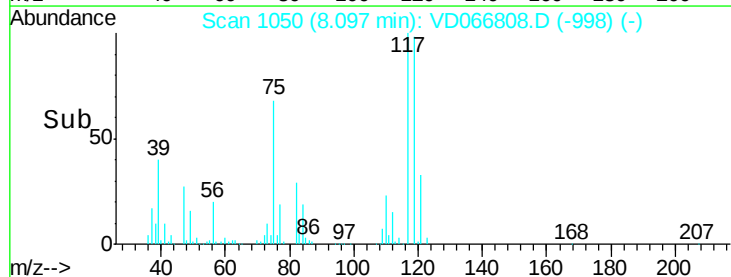
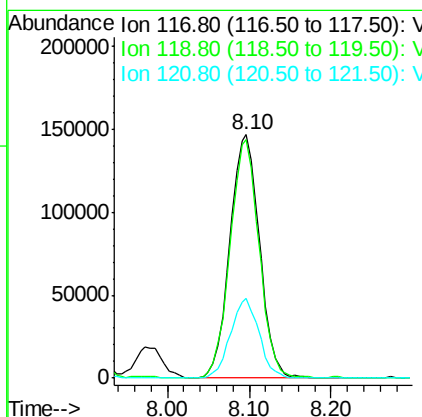
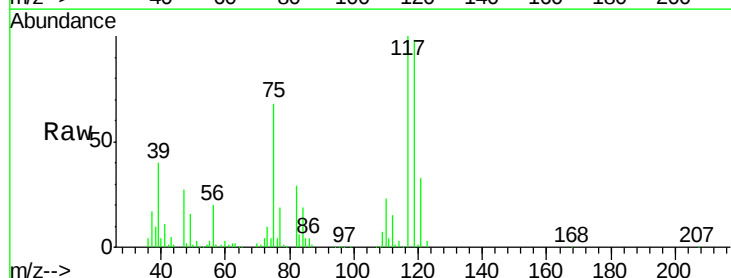
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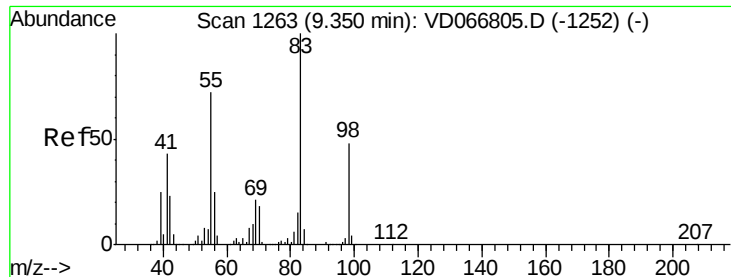
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#38
Carbon Tetrachloride
Concen: 50.873 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	75.8	113.8	
121	33.0	23.4	35.0	





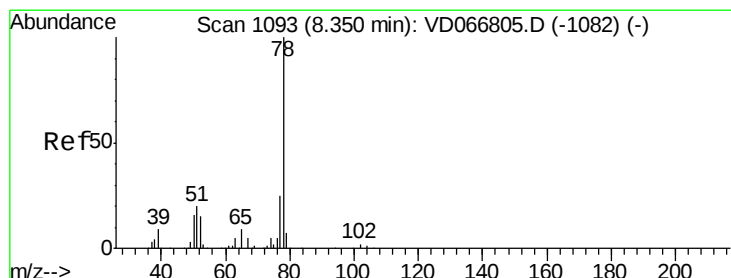
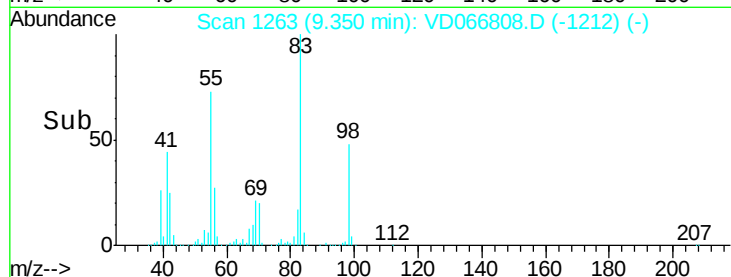
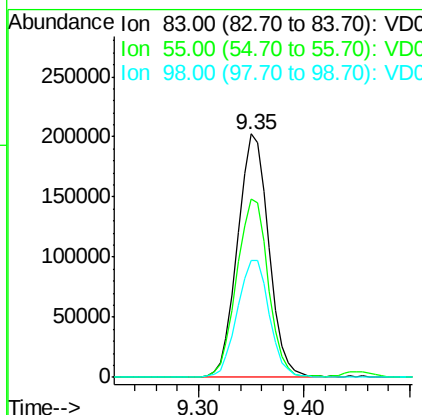
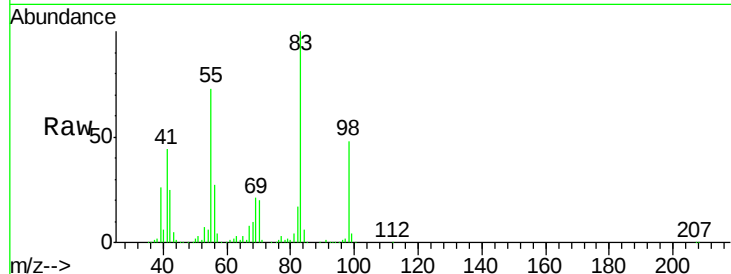
#39
Methvlcvclohexane
Concen: 54.643 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.7	86.5
98	48.1	38.4	57.6

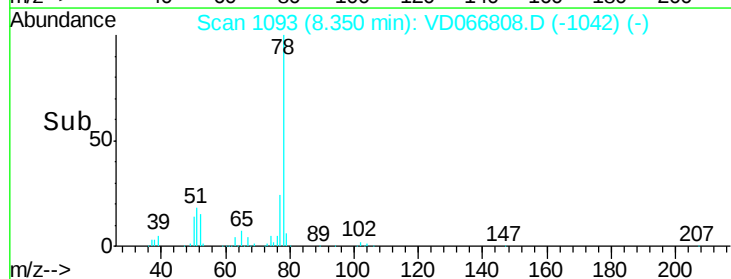
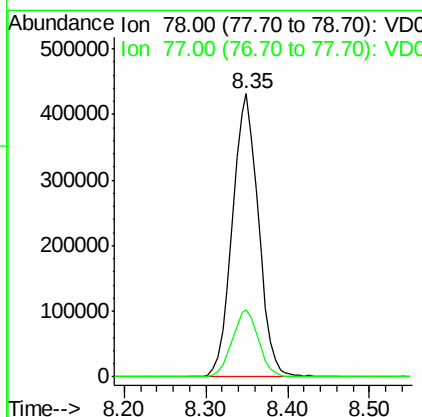
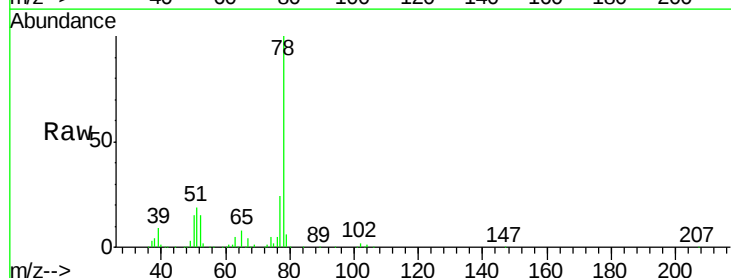
Manual Integrations
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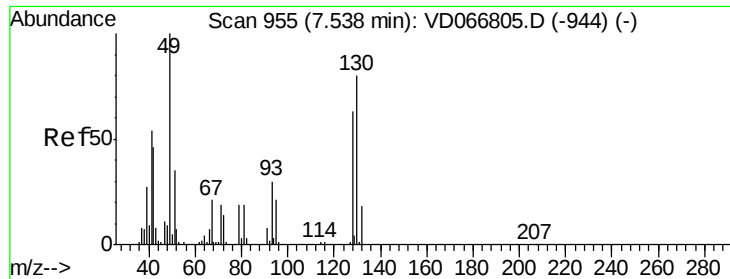
MMDadoda
9/23/2020 1:05:04 PM



#40
Benzene
Concen: 51.751 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.9	29.9





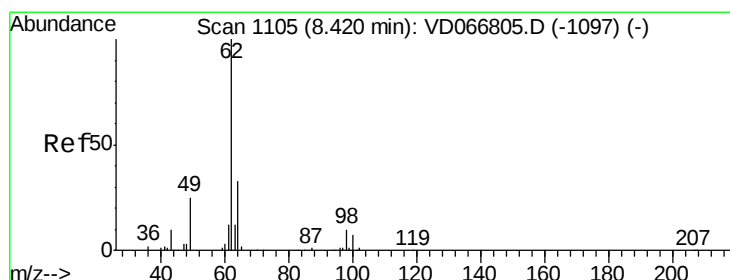
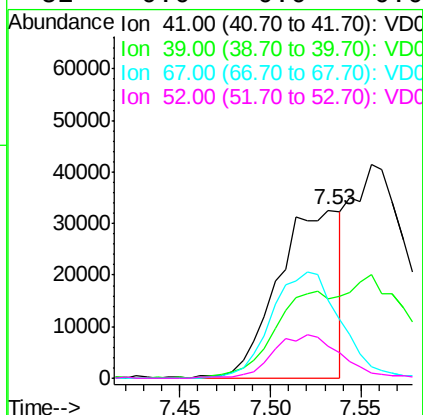
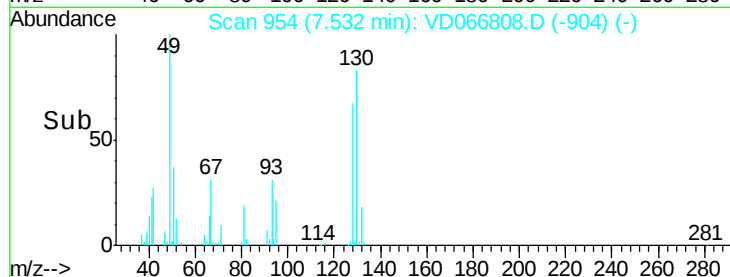
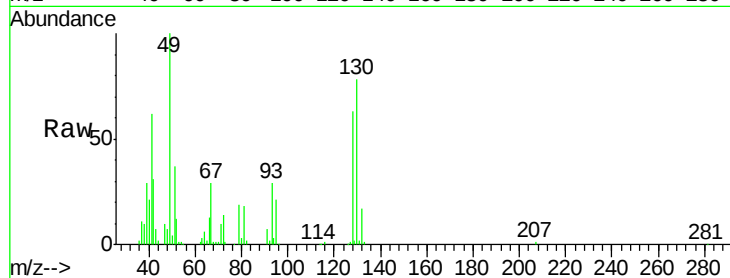
#41
Methacrylonitrile
Concen: 53.284 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	41	Resp	78544
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

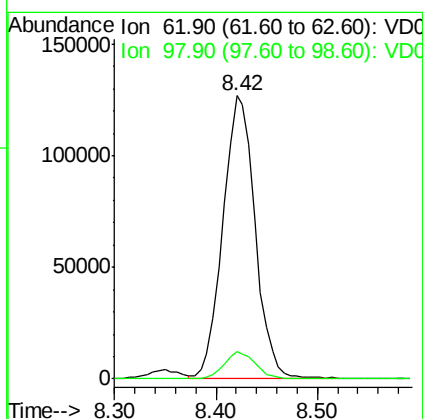
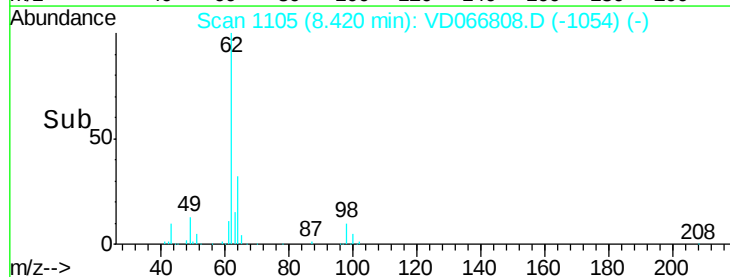
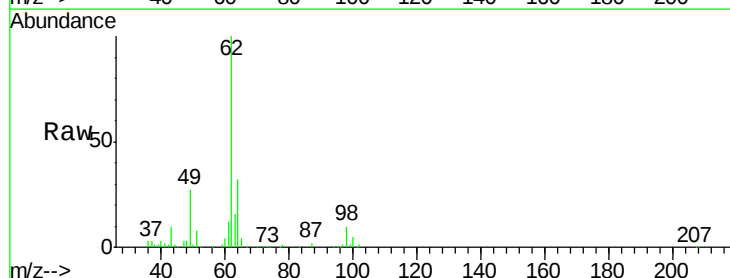
Manual Integrations
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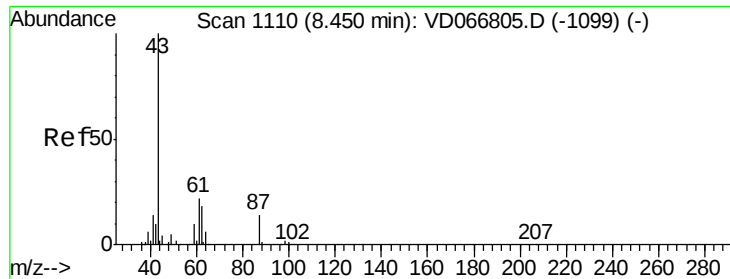
MMDadoda
9/23/2020 1:05:04 PM



#42
1,2-Dichloroethane
Concen: 51.146 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	62	Resp	279406
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 51.817 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

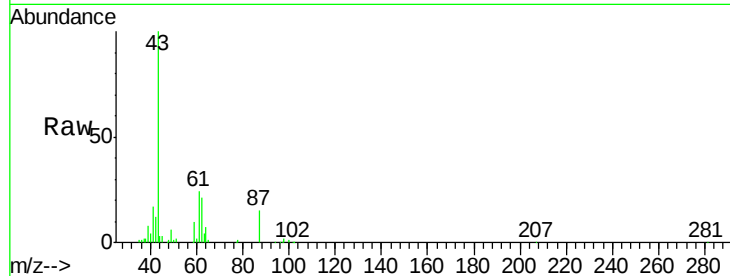
ClientSampleId :

ICVVD092220

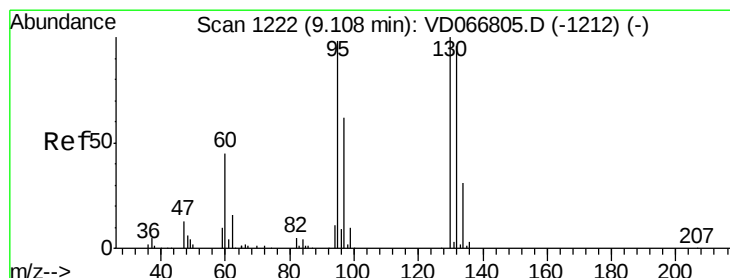
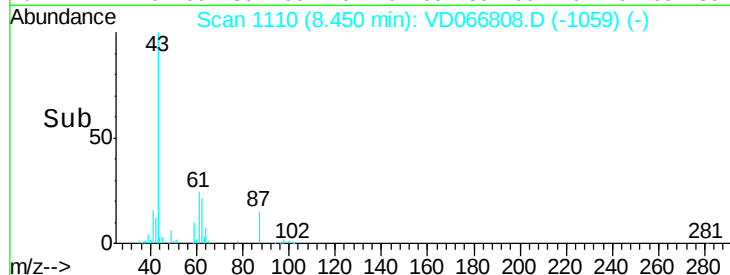
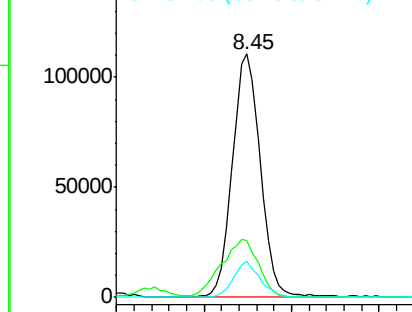
Tot Ion:	43	Resp:	239461
Ion	Ratio	Lower	Upper
43	100		
61	31.5	26.2	39.4
87	14.1	11.5	17.3

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Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.845 ug/l

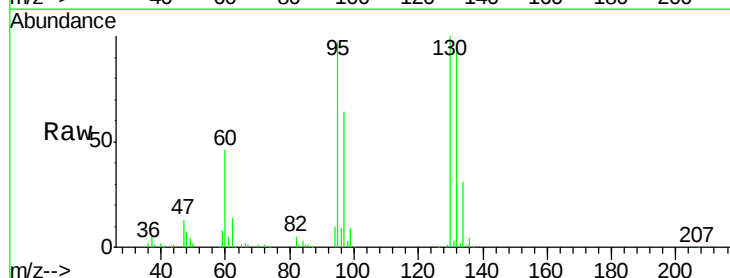
RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

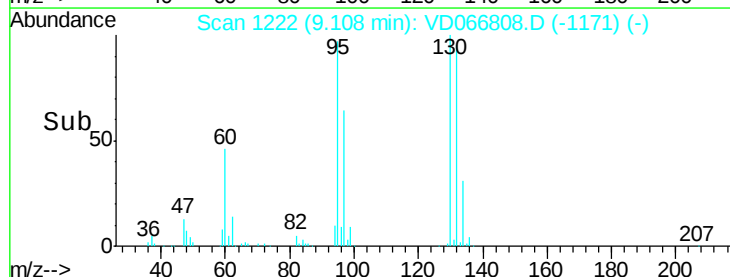
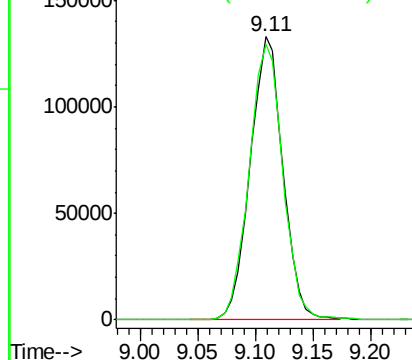
Lab File: VD066808.D

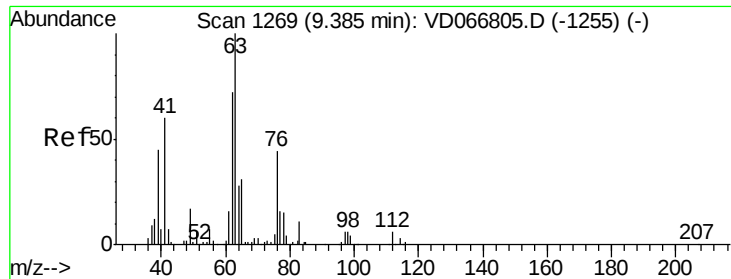
Acq: 22 Sep 2020 13:59

Tgt Ion:	130	Resp:	262540
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.438 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 63 Resp: 234503

Ion Ratio Lower Upper

63 100

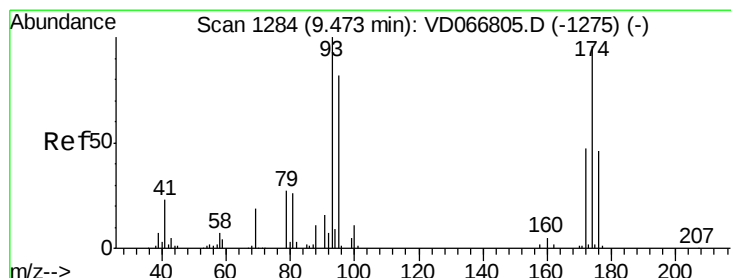
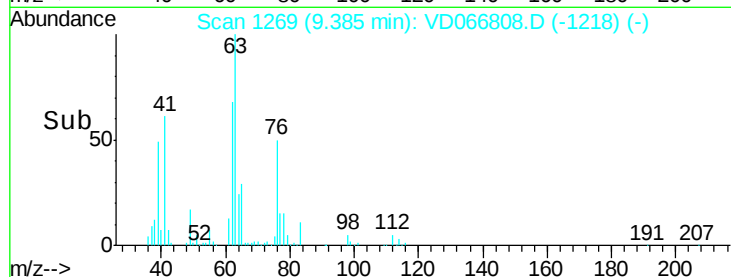
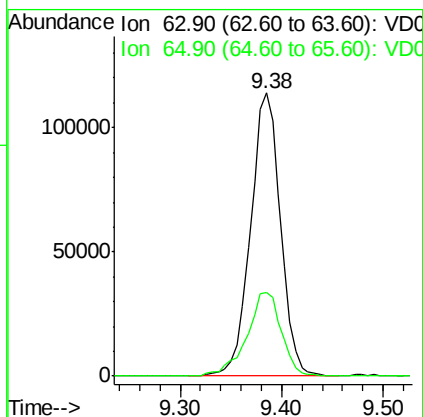
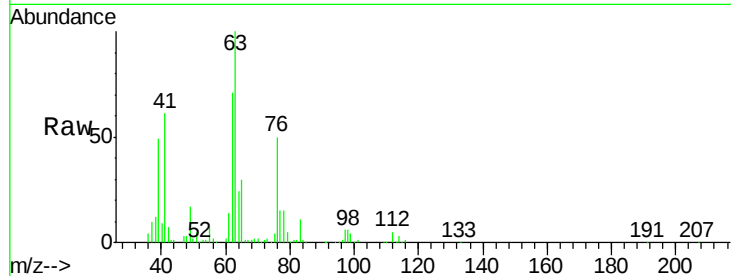
65 29.7 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 51.783 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

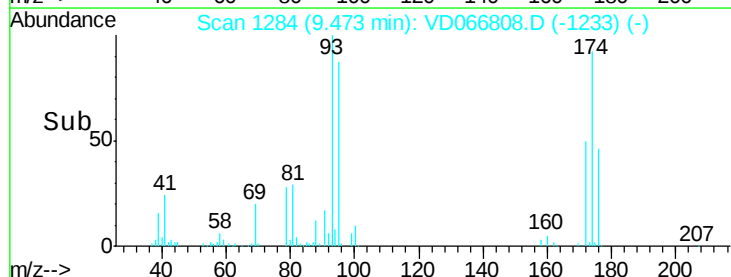
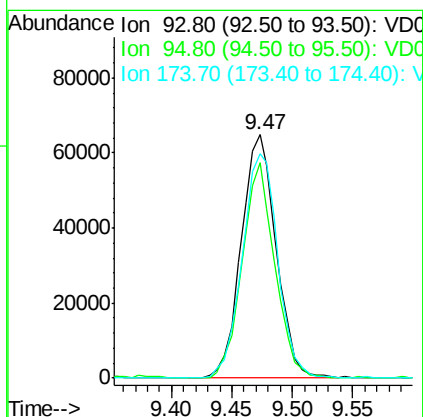
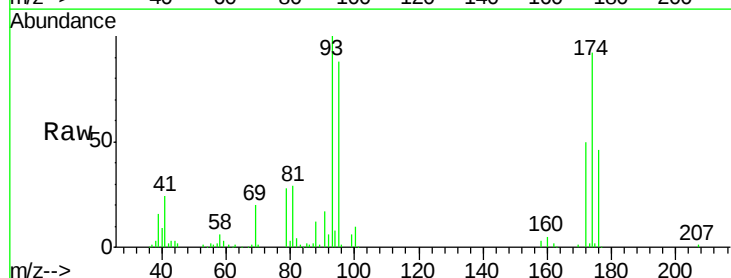
Tgt Ion: 93 Resp: 130809

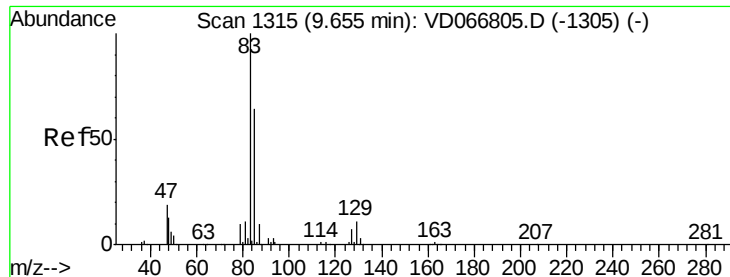
Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

174 94.7 75.4 113.2





#47

Bromodichloromethane

Concen: 50.994 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

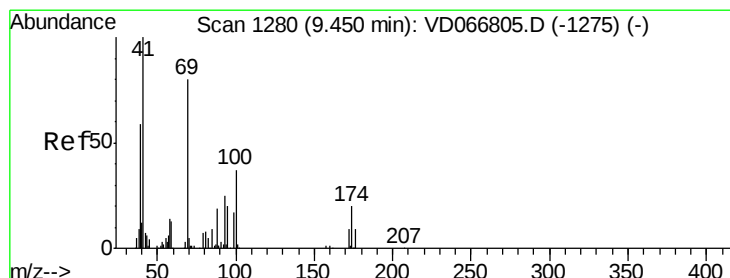
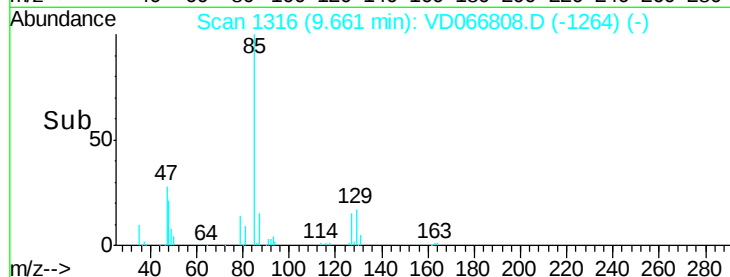
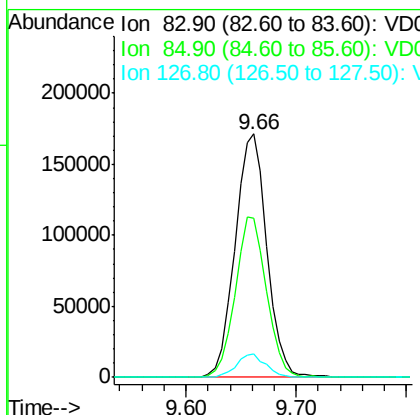
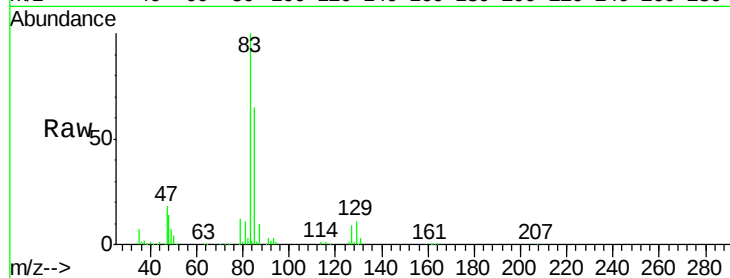
ClientSampleId :

ICVVD092220

Tot Ion:	83	Resp:	346043
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3
127	9.4	5.9	8.9#

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#48

Methyl methacrylate

Concen: 57.812 ug/l

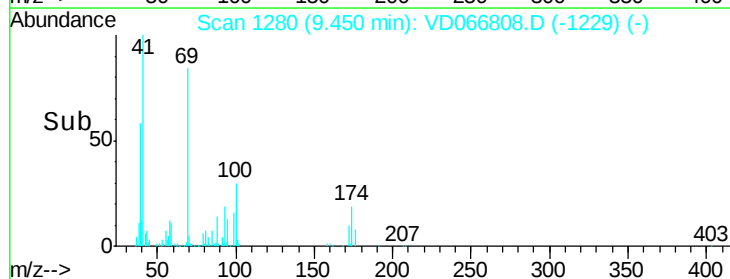
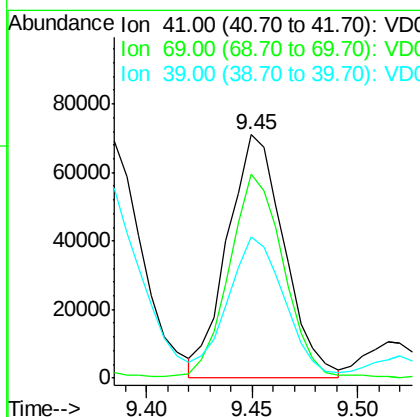
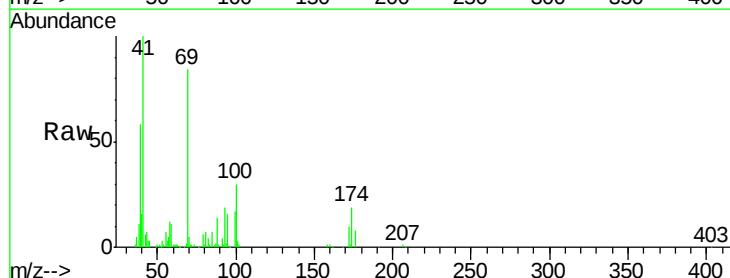
RT: 9.45 min Scan# 1280

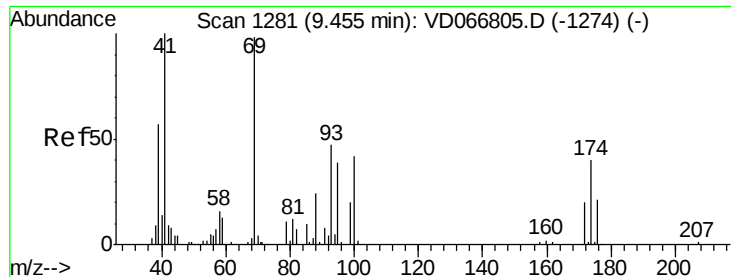
Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:	41	Resp:	131722
Ion	Ratio	Lower	Upper
41	100		
69	80.6	74.5	111.7
39	53.5	47.0	70.6





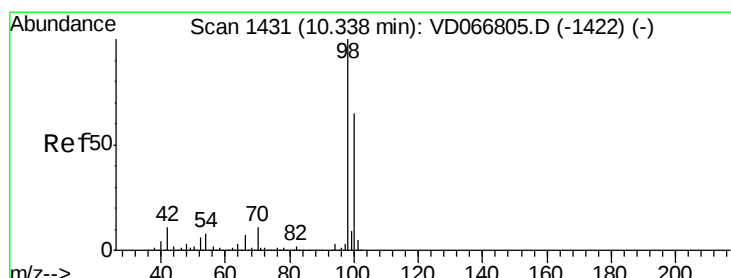
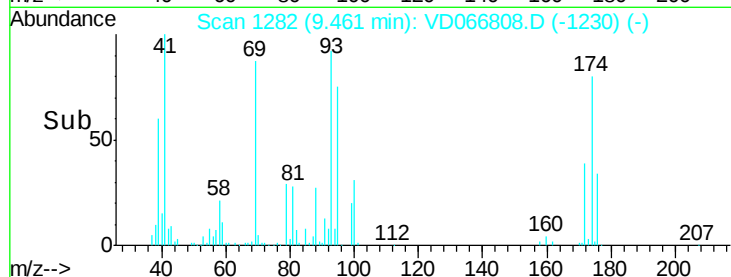
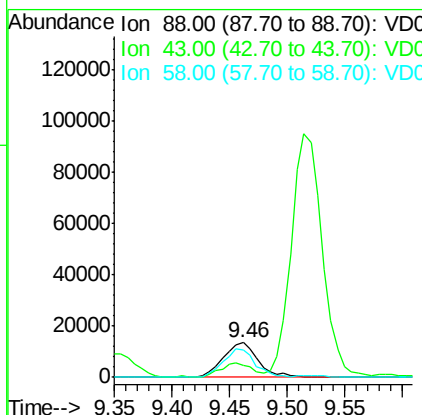
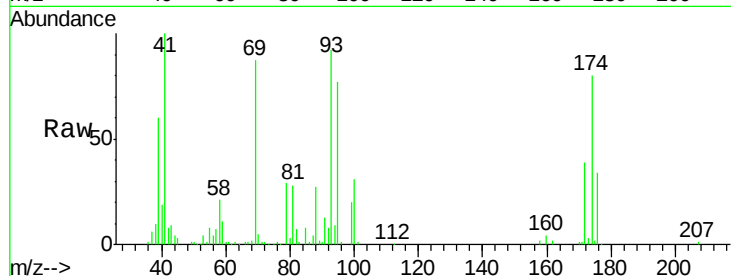
#49
 1,4-Dioxane
 Concen: 995.480 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	35.4	27.7	41.5	
58	75.8	55.5	83.3	

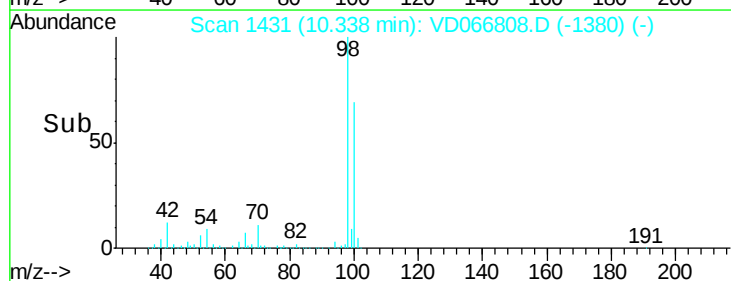
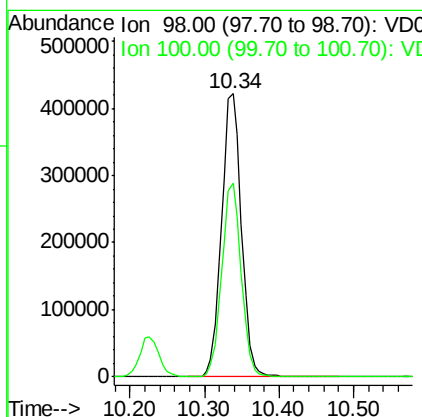
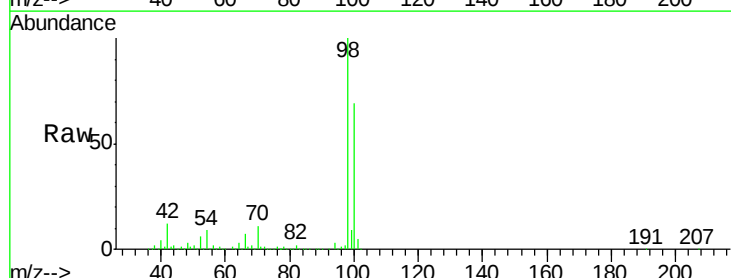
Manual Integrations
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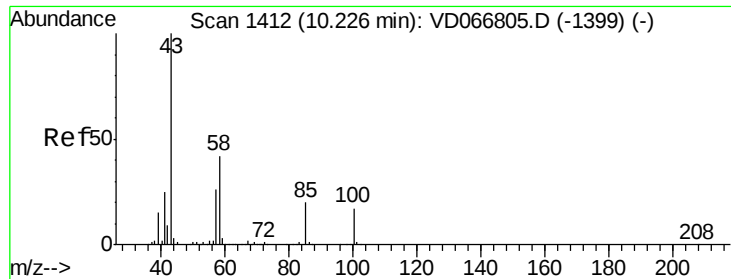
MMDadoda
 9/23/2020 1:05:04 PM



#50
 Toluene-d8
 Concen: 54.055 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.9	52.2	78.2	





#51

4-Methyl-2-Pentanone

Concen: 267.459 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 43 Resp: 626282

Ion Ratio Lower Upper

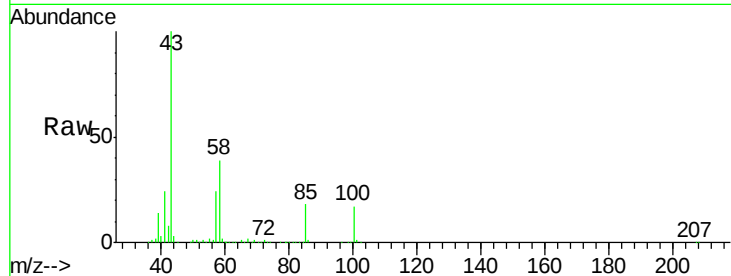
43 100

58 39.3 32.2 48.4

Manual Integrations
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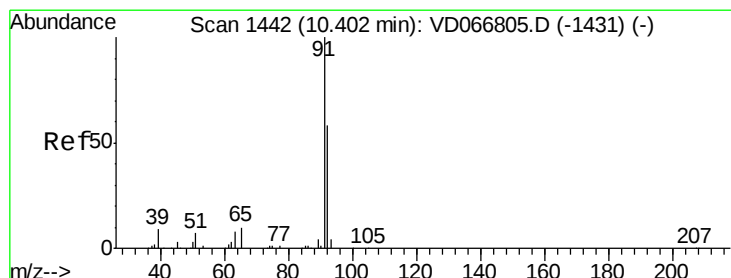
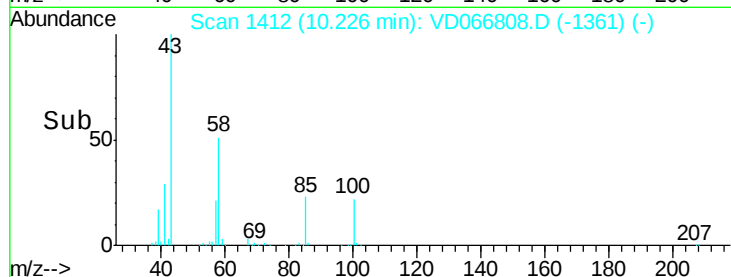
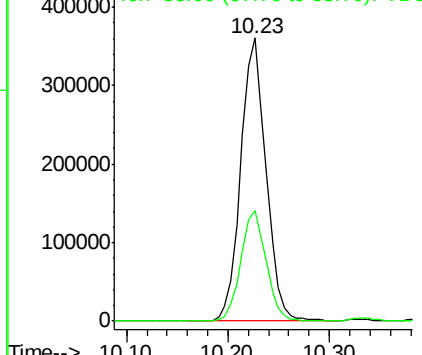
MMDadoda

9/23/2020 1:05:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.890 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066808.D

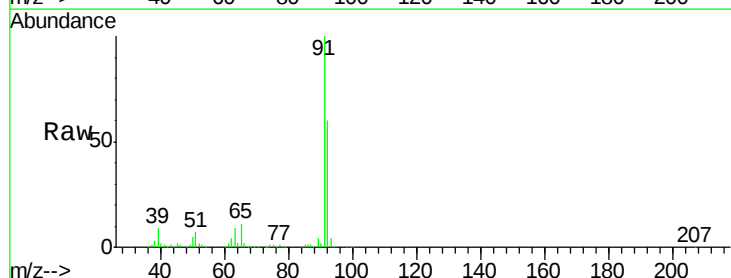
Acq: 22 Sep 2020 13:59

Tgt Ion: 92 Resp: 629543

Ion Ratio Lower Upper

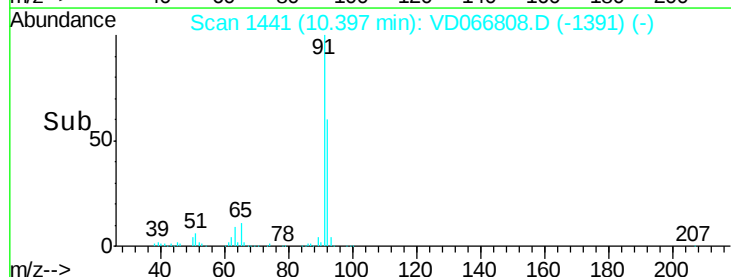
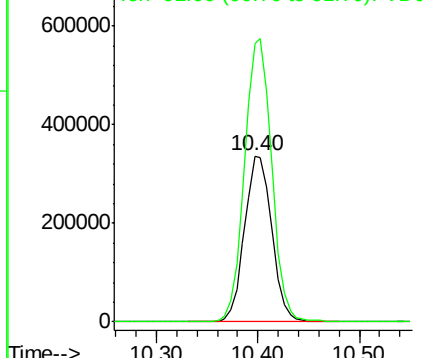
92 100

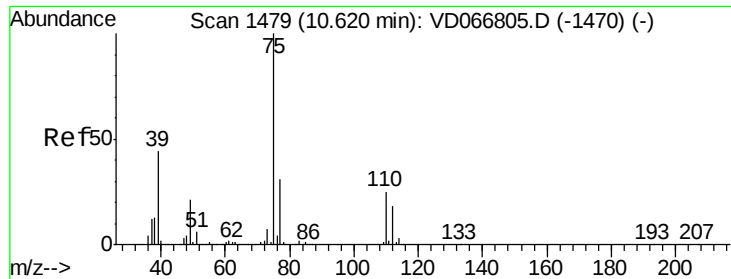
91 169.5 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





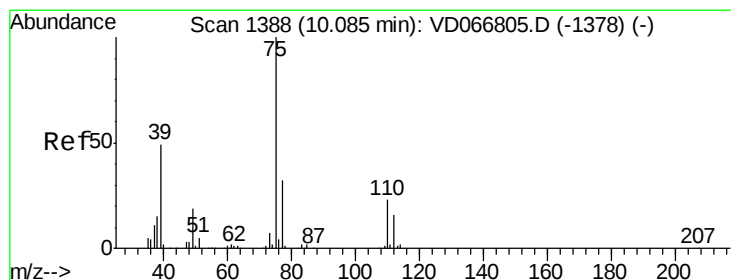
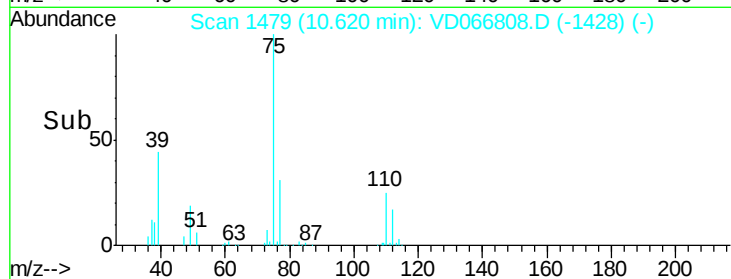
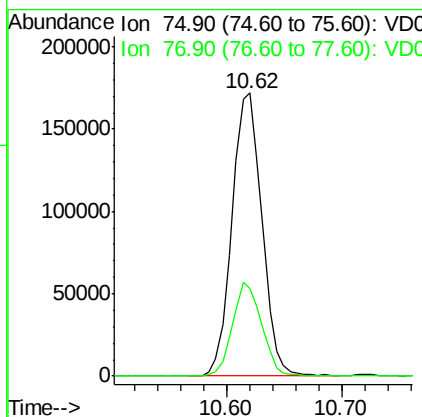
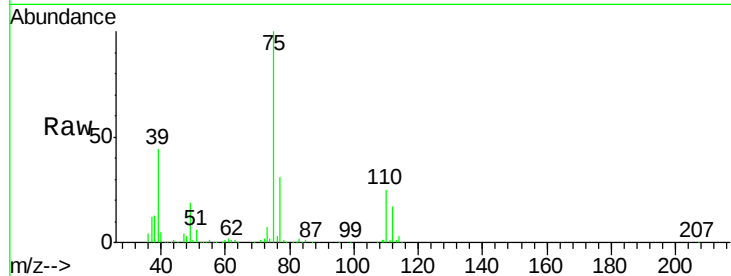
#53
 t-1,3-Dichloropropene
 Concen: 53.522 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.5	36.7

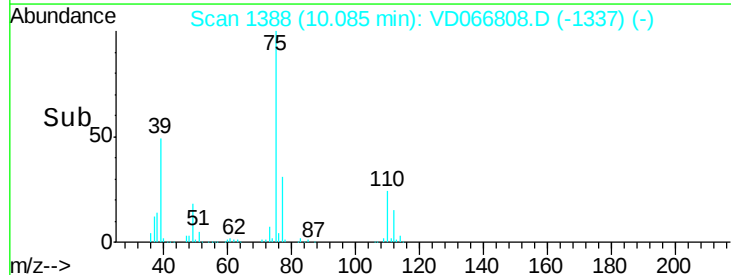
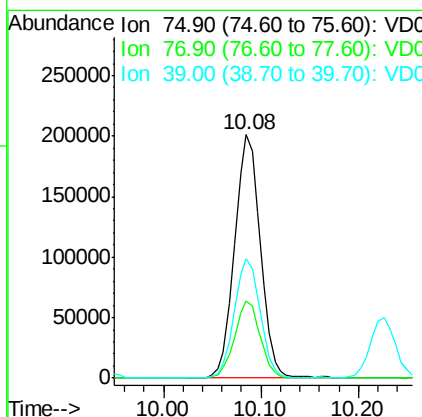
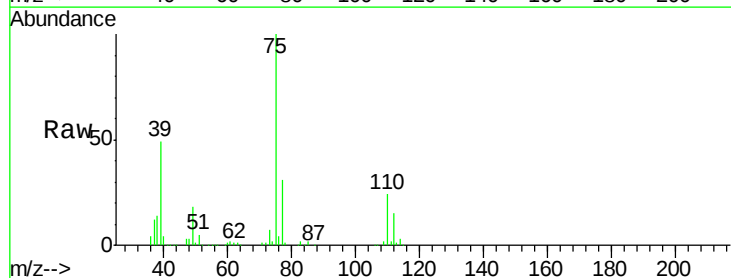
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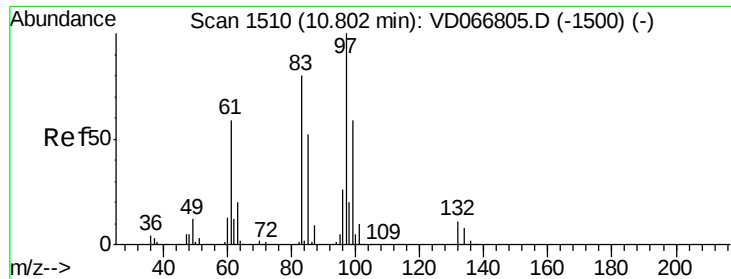
MMDadoda
 9/23/2020 1:05:04 PM



#54
 cis-1,3-Dichloropropene
 Concen: 52.296 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4
39	48.9	39.2	58.8





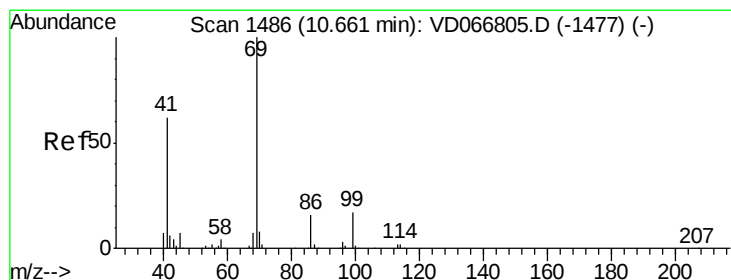
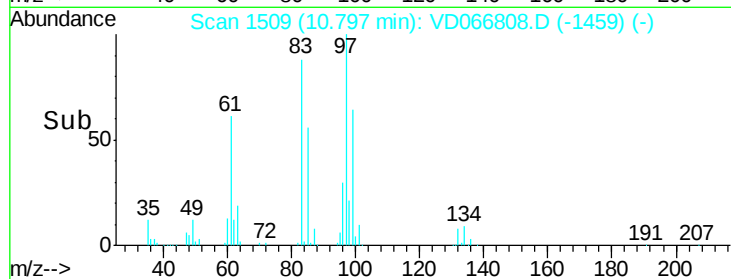
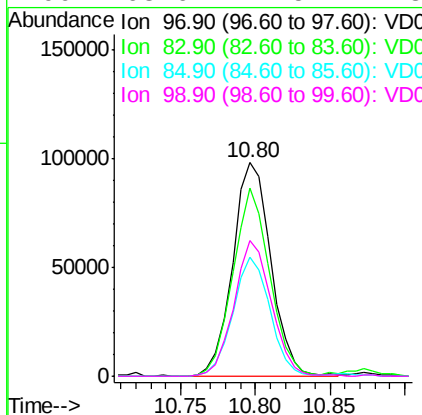
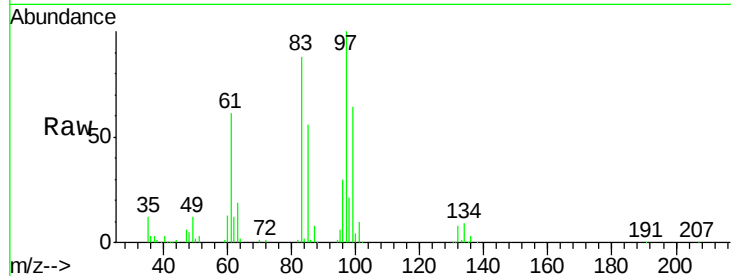
#55
 1,1,2-Trichloroethane
 Concen: 50.324 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		174757		
83	88.4	64.2	96.2		
85	55.9	41.9	62.9		
99	63.6	47.5	71.3		

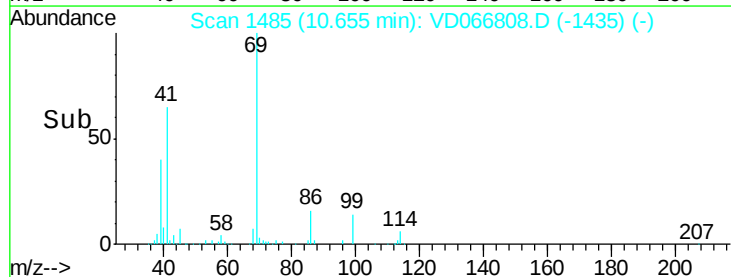
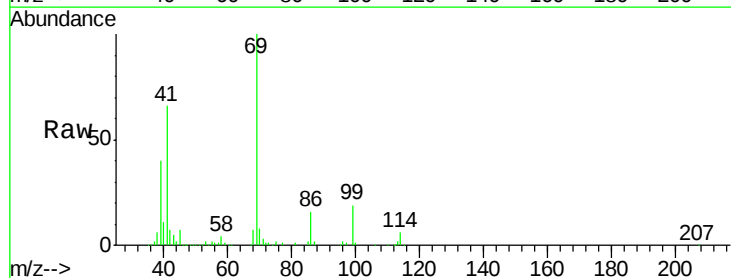
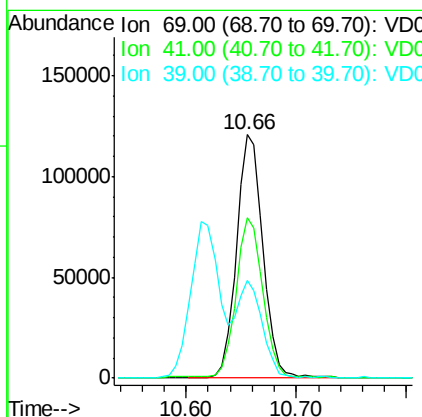
Manual Integrations
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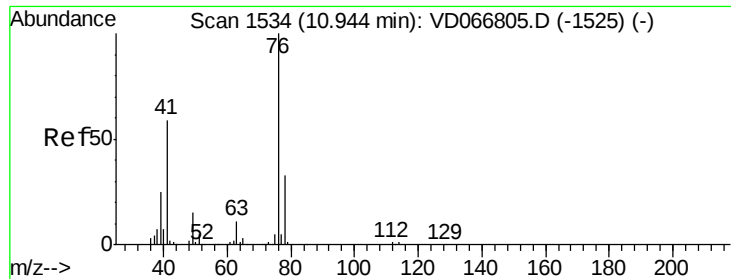
MMDadoda
 9/23/2020 1:05:04 PM



#56
 Ethyl methacrylate
 Concen: 54.594 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		203099		
41	65.5	52.2	78.2		
39	38.7	26.6	40.0		





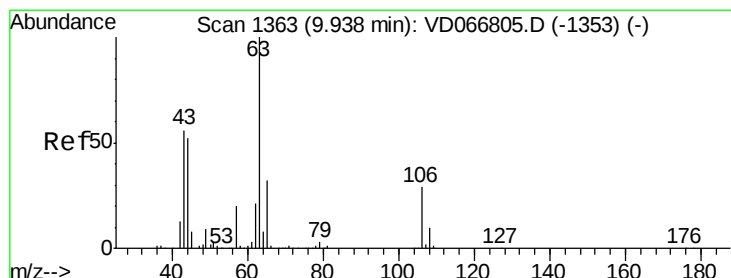
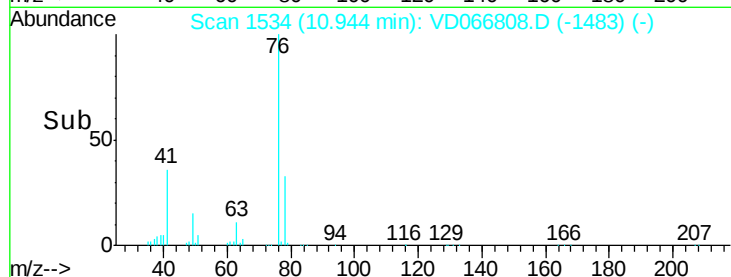
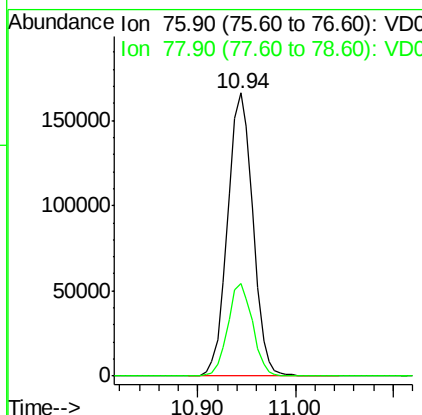
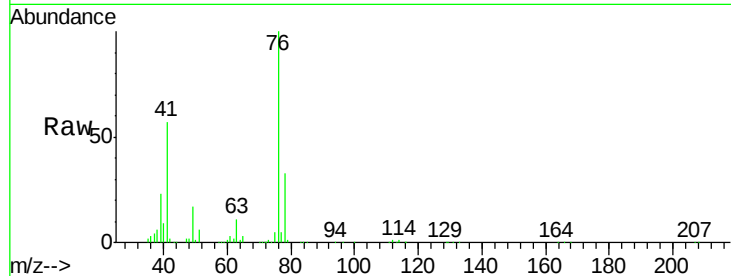
#57
 1,3-Dichloropropane
 Concen: 52.249 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.3	39.5

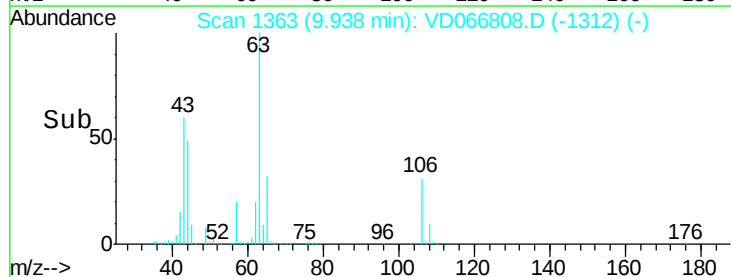
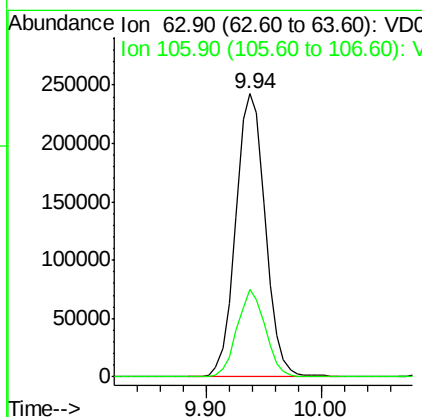
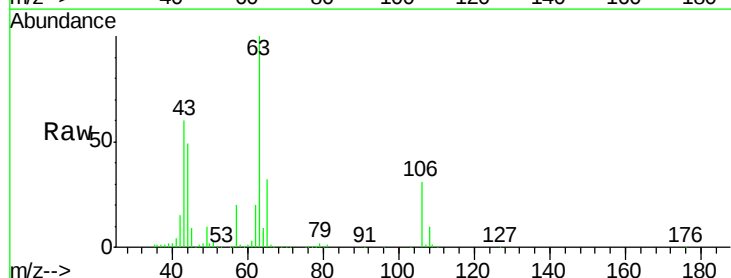
Manual Integrations
 APPROVED

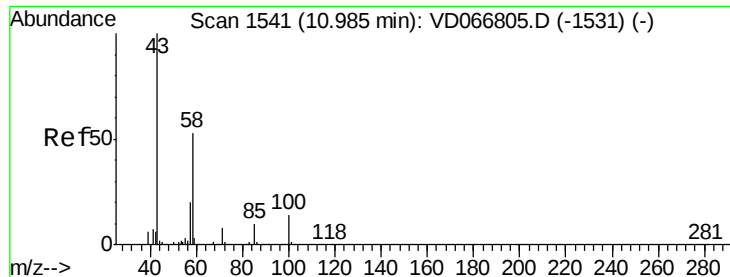
MMDadoda
 9/23/2020 1:05:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.729 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.6





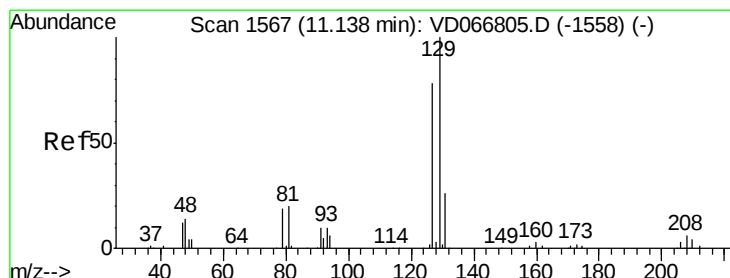
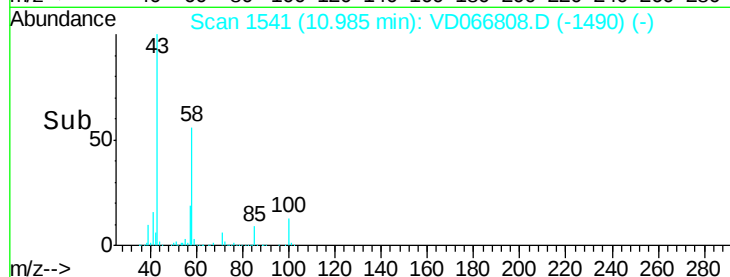
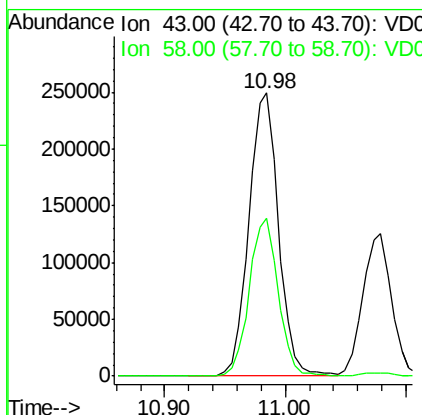
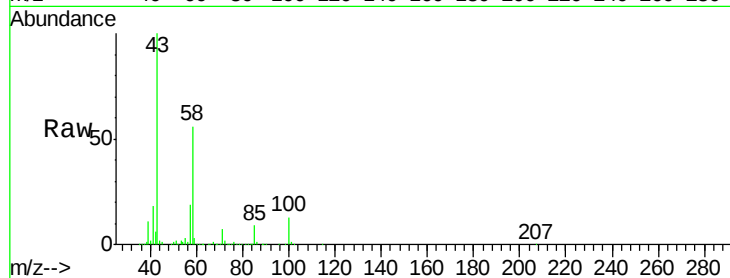
#59
2-Hexanone
Concen: 271.096 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	43	Resp	428092
Ion Ratio	100	Lower	Upper
43	100		
58	54.4	27.0	80.8

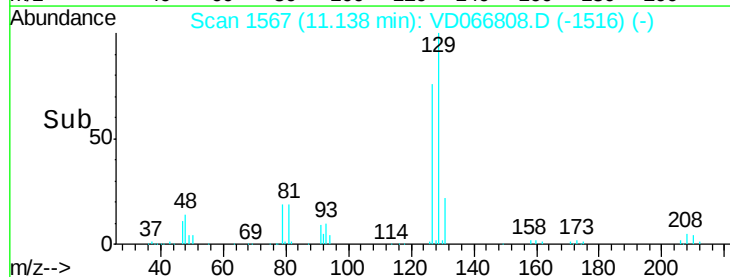
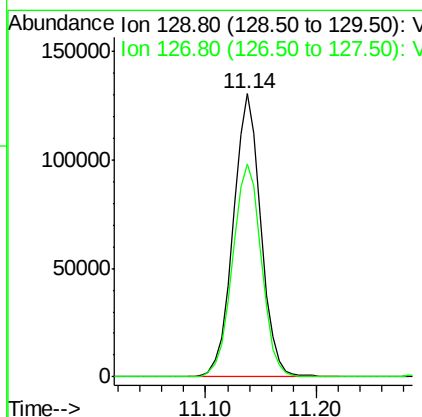
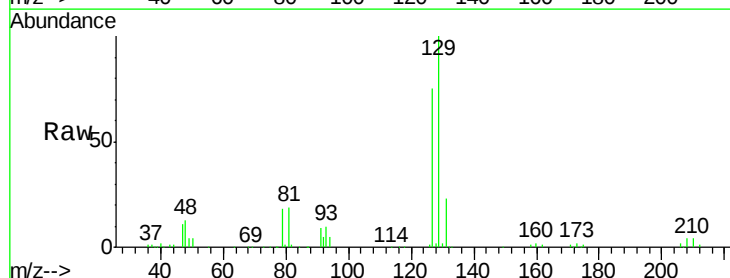
Manual Integrations
APPROVED

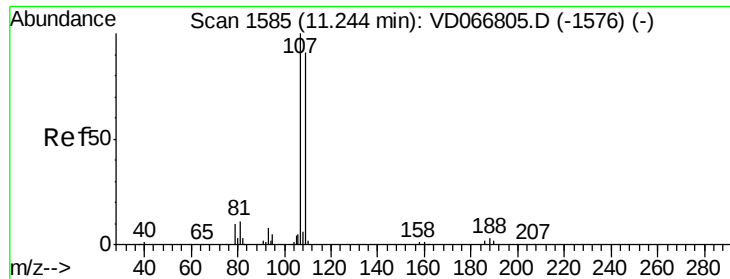
MMDadoda
9/23/2020 1:05:04 PM



#60
Dibromochloromethane
Concen: 50.476 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	129	Resp	228771
Ion Ratio	100	Lower	Upper
129	100		
127	78.5	38.6	116.0





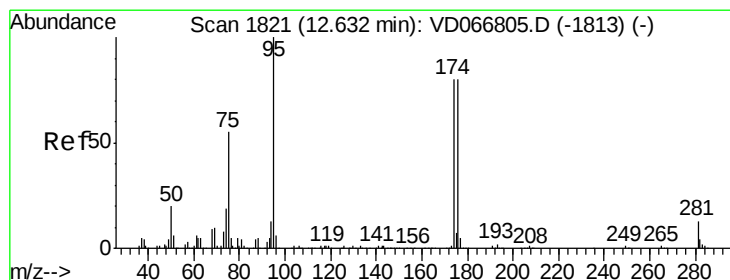
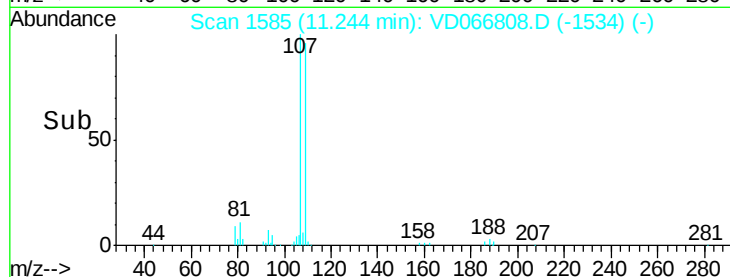
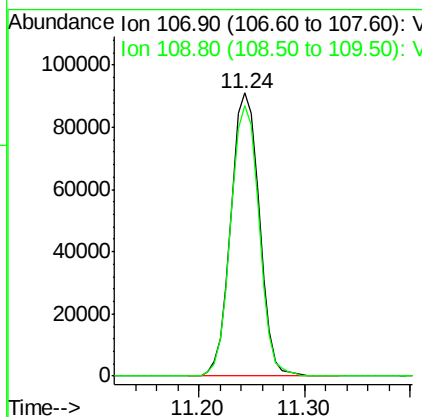
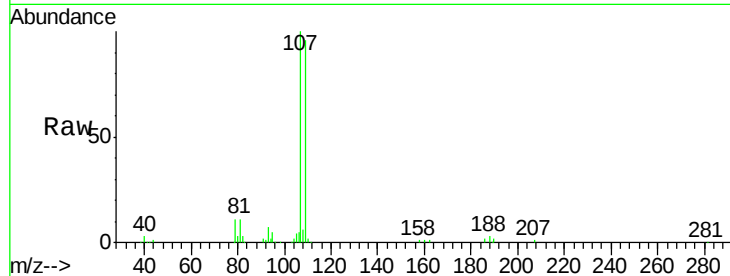
#61
 1,2-Dibromoethane
 Concen: 52.348 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.0	112.4

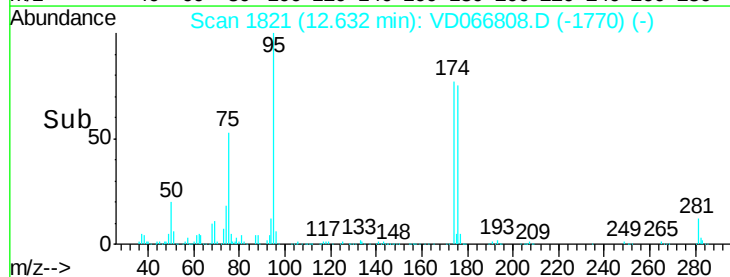
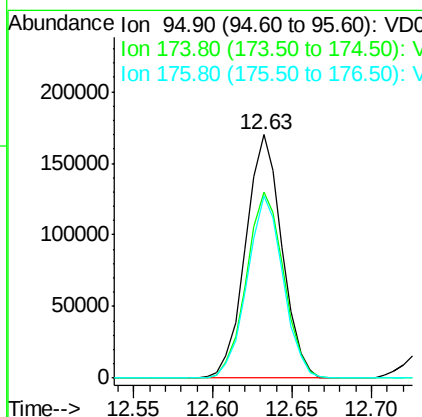
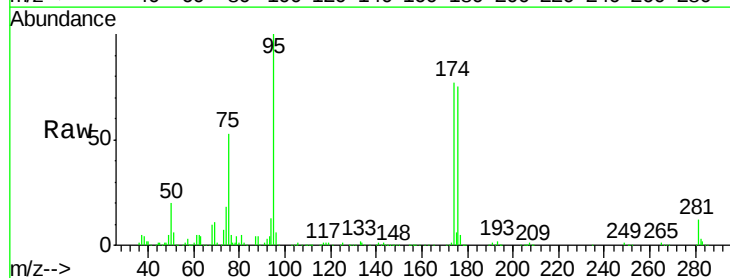
Manual Integrations
 APPROVED

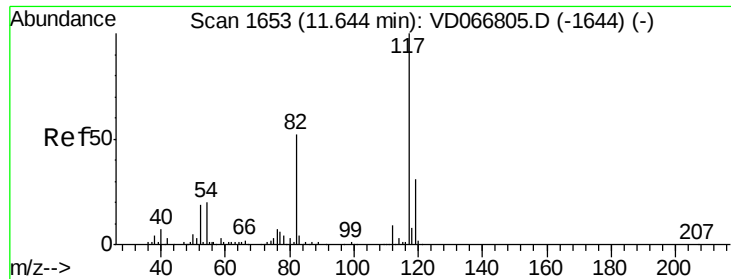
MMDadoda
 9/23/2020 1:05:04 PM



#62
 4-Bromofluorobenzene
 Concen: 54.460 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	159.8
176	74.4	0.0	154.4





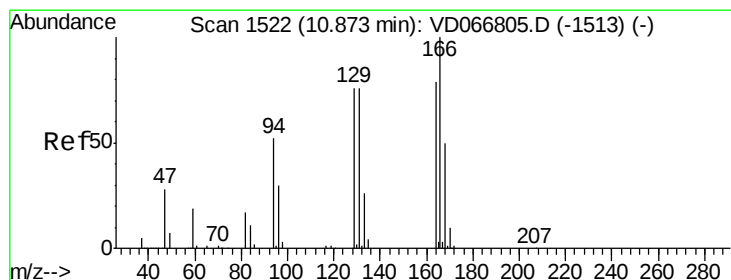
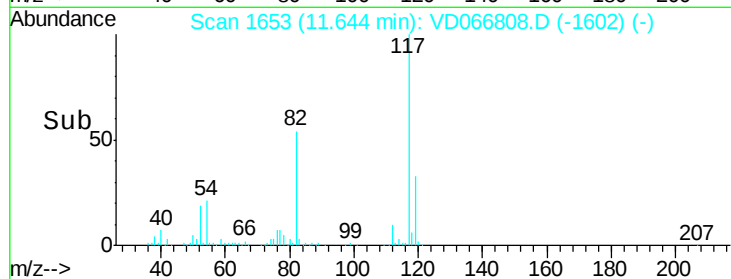
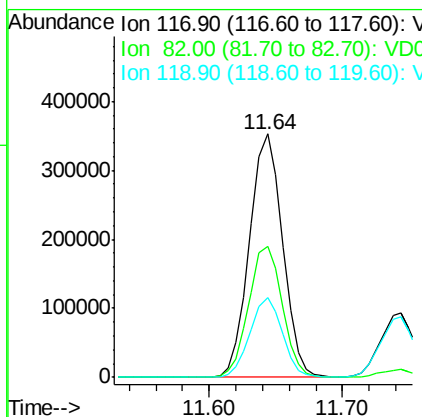
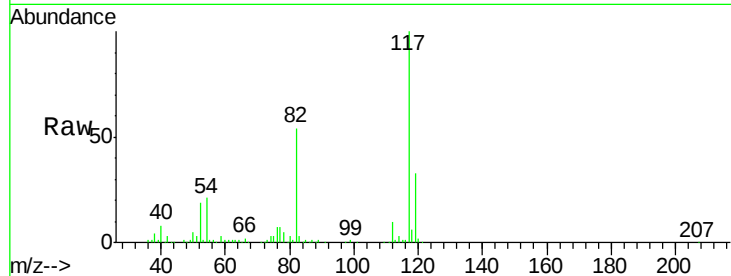
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
117	100	604817		
82	53.7		41.8	62.6
119	32.6		24.6	37.0

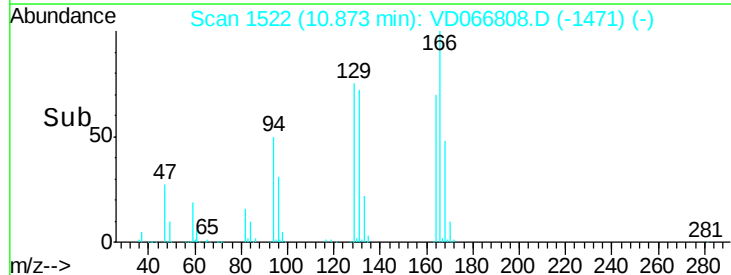
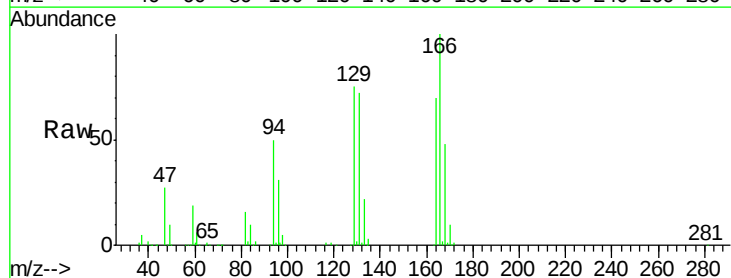
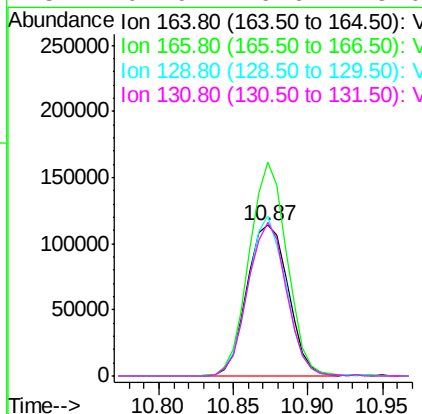
Manual Integrations
APPROVED

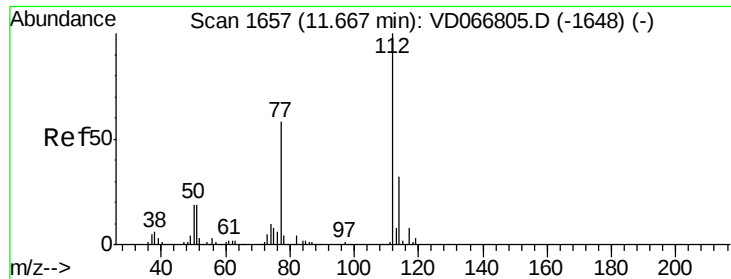
MMDadoda
9/23/2020 1:05:04 PM



#64
Tetrachloroethene
Concen: 50.184 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218328		
166	141.9		101.1	151.7
129	106.5		77.0	115.4
131	101.9		76.6	115.0





#65

Chlorobenzene

Concen: 51.754 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion:112 Resp: 651561

Ion Ratio Lower Upper

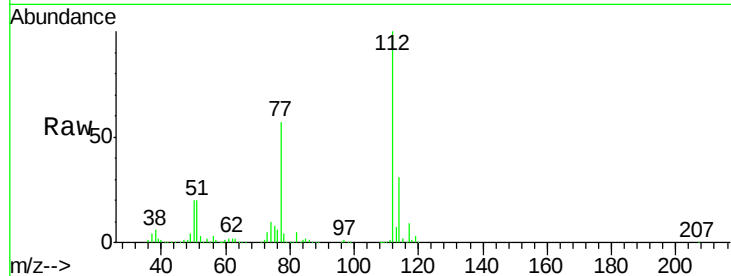
112 100

114 31.2 25.4 38.2

Manual Integrations
APPROVED

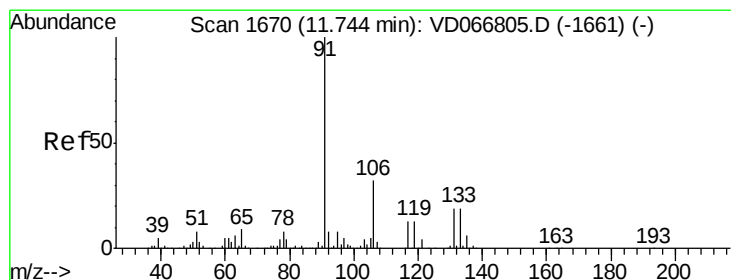
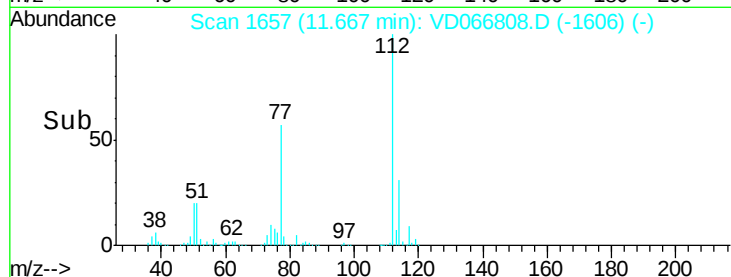
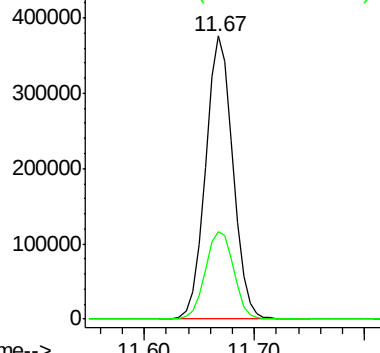
MMDadoda

9/23/2020 1:05:04 PM



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: 51.349 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

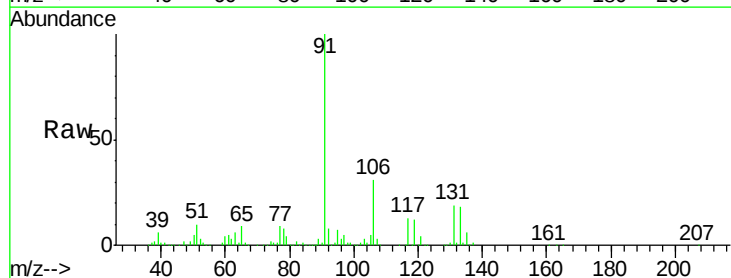
Tgt Ion:131 Resp: 244672

Ion Ratio Lower Upper

131 100

133 95.3 46.7 140.1

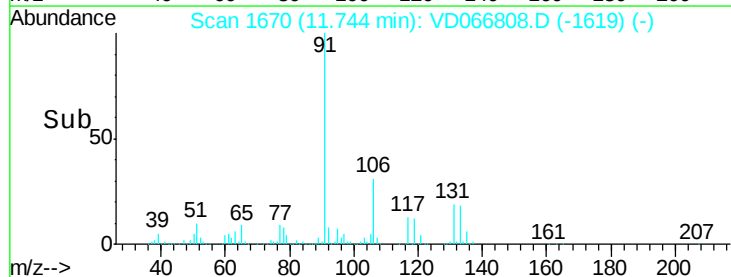
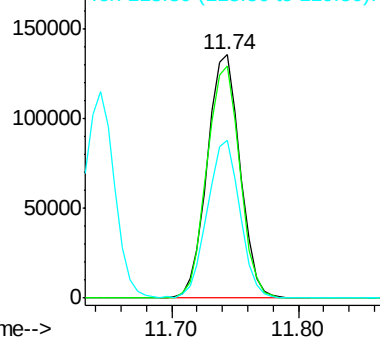
119 64.2 32.3 96.9

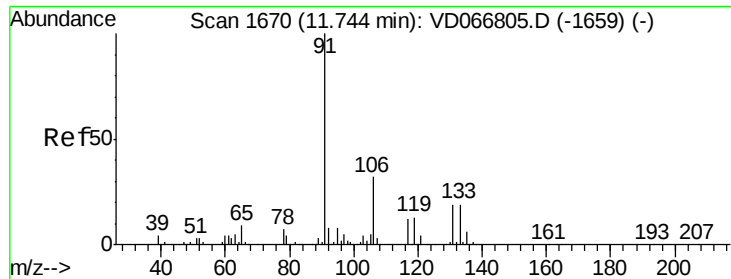


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





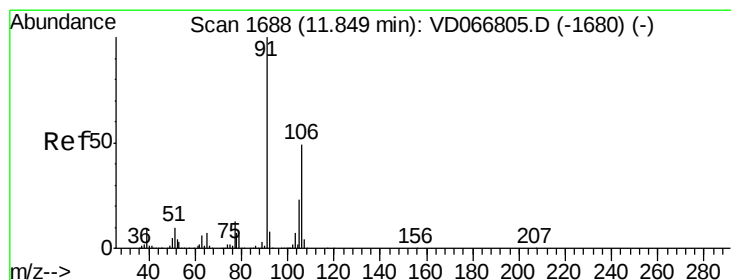
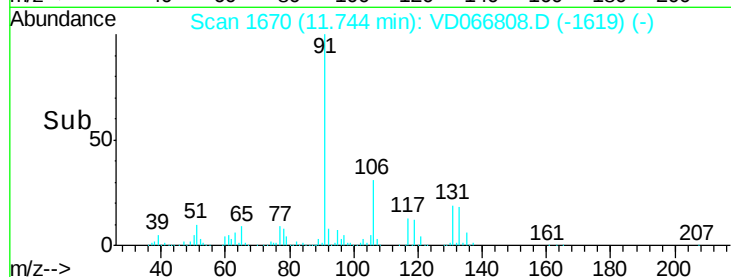
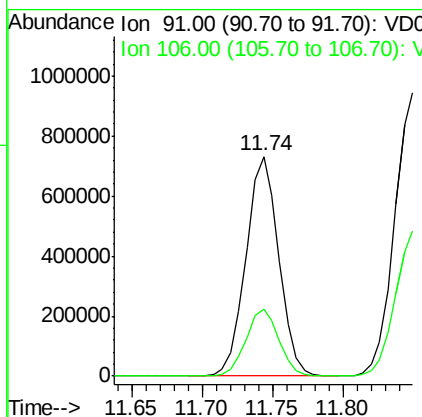
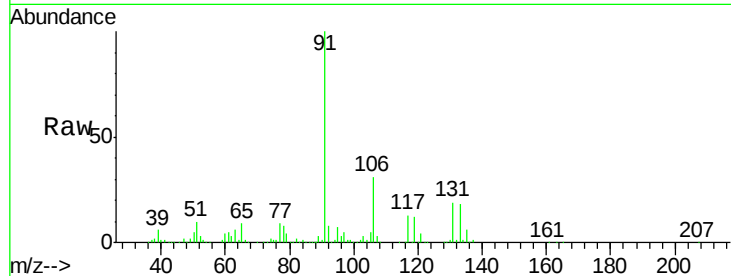
#67
Ethyl Benzene
Concen: 54.147 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion: 91 Resp: 1197262
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

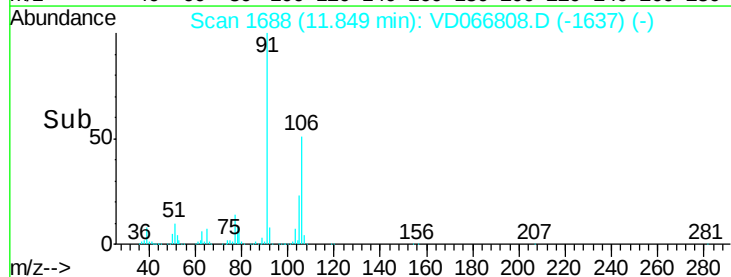
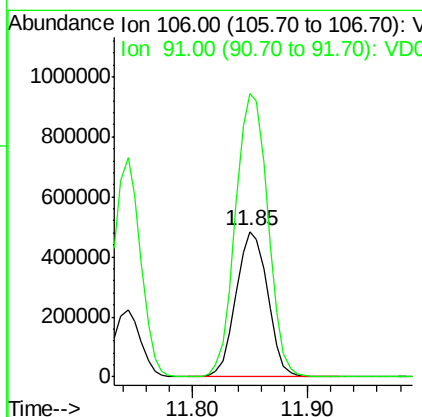
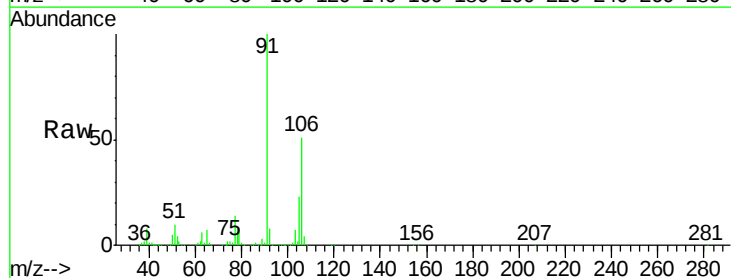
Manual Integrations
APPROVED

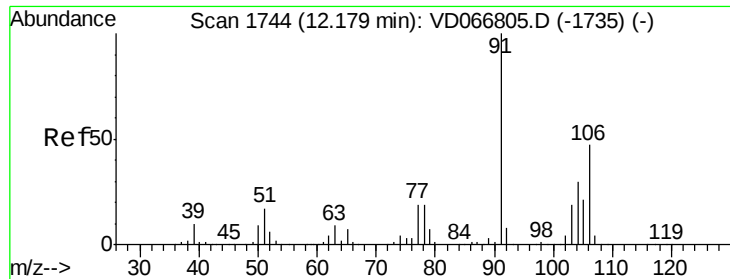
MMDadoda
9/23/2020 1:05:04 PM



#68
m/p-Xylenes
Concen: 109.901 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion: 106 Resp: 920051
Ion Ratio Lower Upper
106 100
91 199.8 160.7 241.1





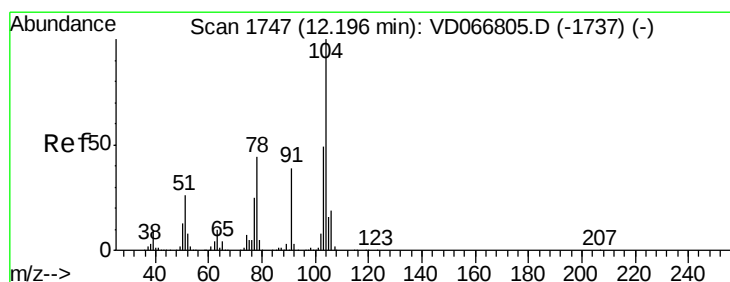
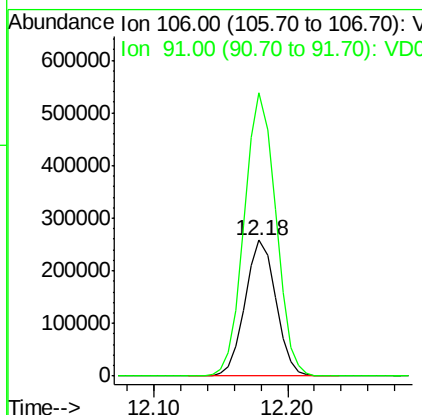
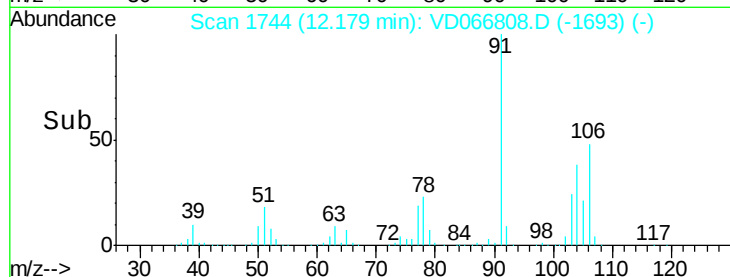
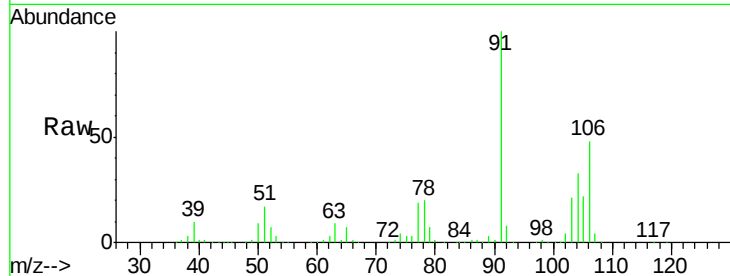
#69
o-Xylene
Concen: 54.557 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion:106 Resp: 412992
Ion Ratio Lower Upper
106 100
91 212.7 106.3 318.8

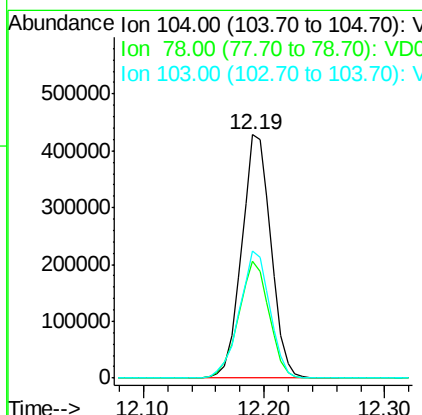
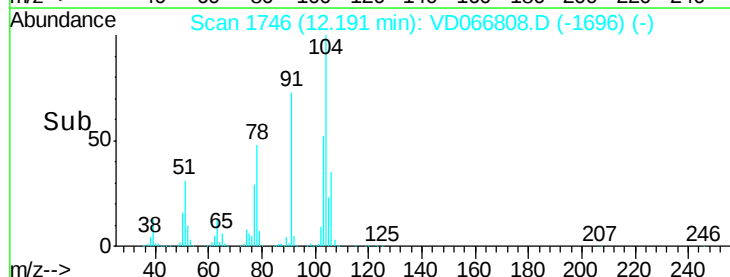
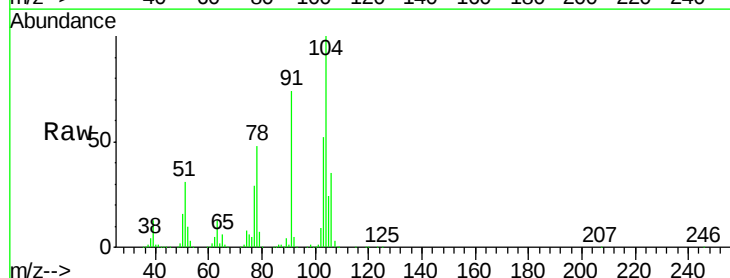
Manual Integrations
APPROVED

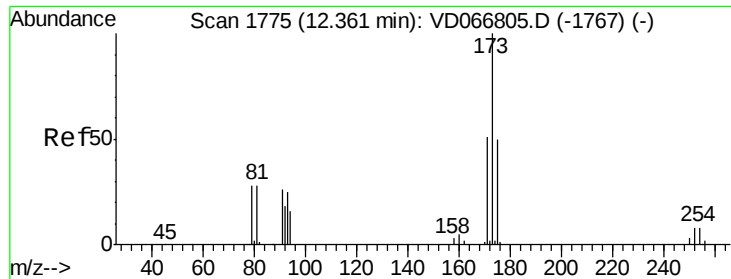
MMDadoda
9/23/2020 1:05:04 PM



#70
Styrene
Concen: 55.059 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion:104 Resp: 723808
Ion Ratio Lower Upper
104 100
78 49.9 38.9 58.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 51.559 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion:173 Resp: 124388

Ion Ratio Lower Upper

173 100

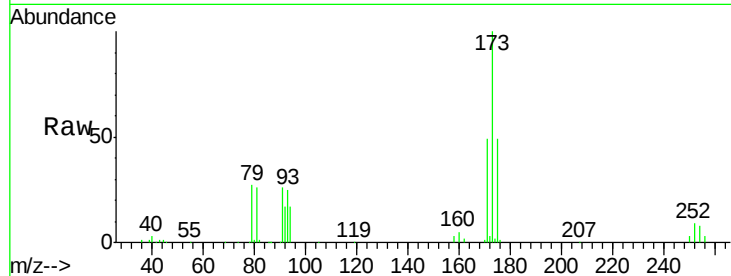
175 49.1 24.9 74.6

254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda

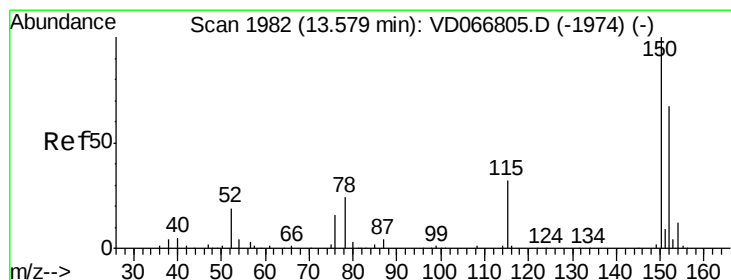
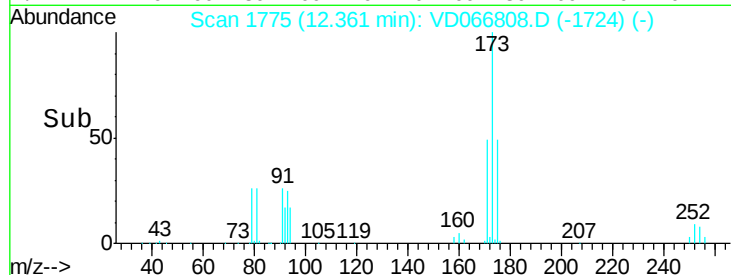
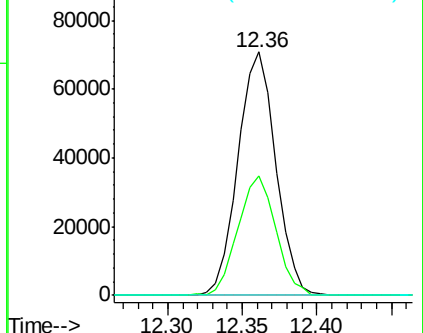
9/23/2020 1:05:04 PM



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# 1982

Delta R.T. -0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

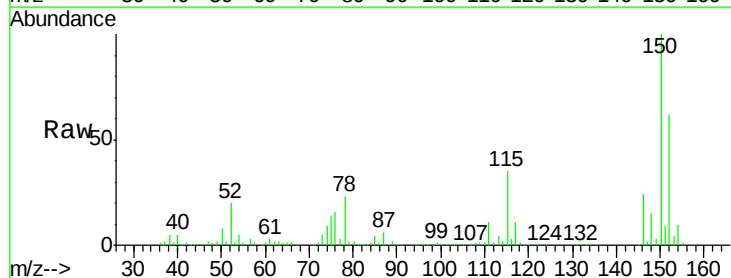
Tgt Ion:152 Resp: 286449

Ion Ratio Lower Upper

152 100

115 59.7 30.3 91.0

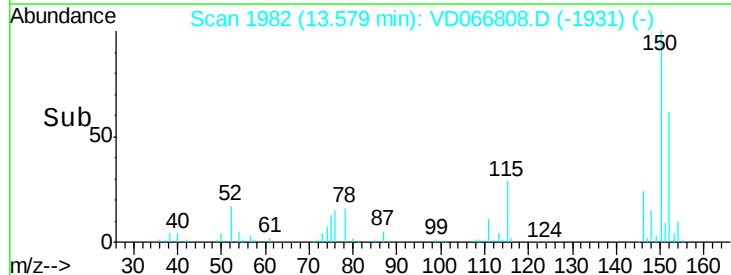
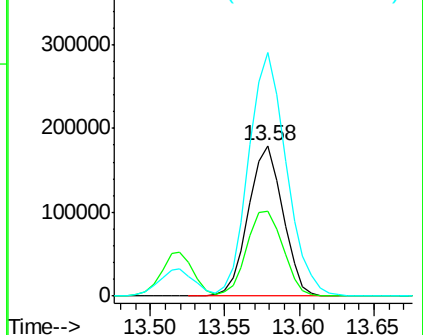
150 177.1 0.0 346.2

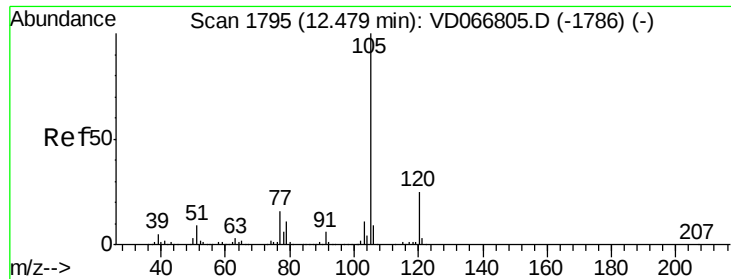


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.165 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion:105 Resp: 1162215

Ion Ratio Lower Upper

105 100

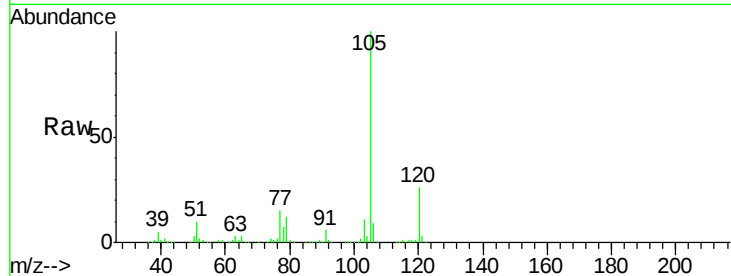
120 25.8 12.9 38.6

Manual Integrations

APPROVED

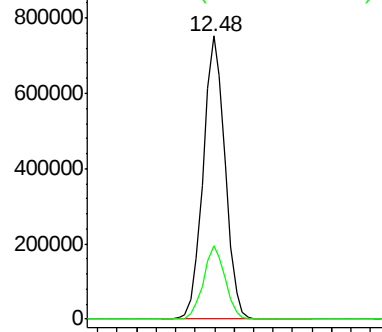
MMDadoda

9/23/2020 1:05:04 PM

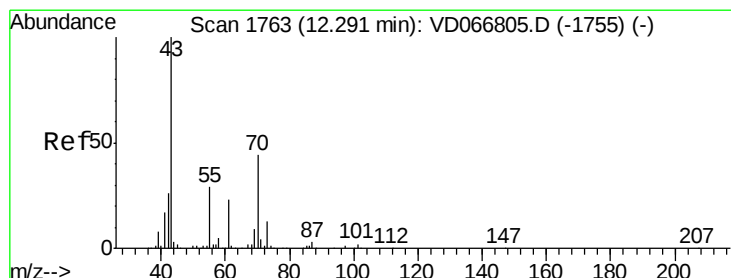
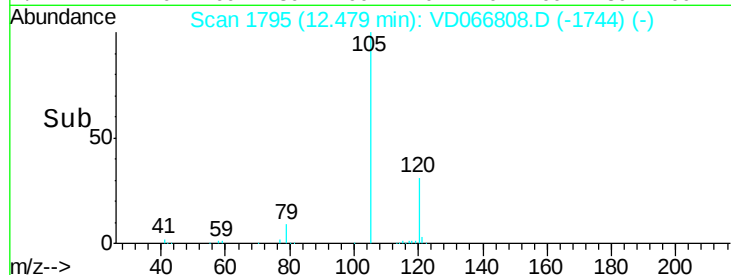


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 54.945 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion: 43 Resp: 222034

Ion Ratio Lower Upper

43 100

70 45.0 36.1 54.1

55 26.5 21.8 32.8

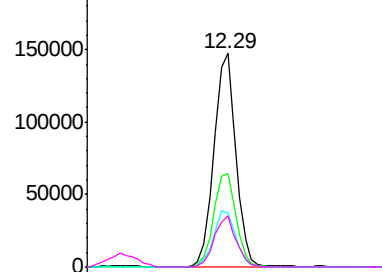
61 23.6 19.0 28.4

Abundance Ion 43.00 (42.70 to 43.70): V

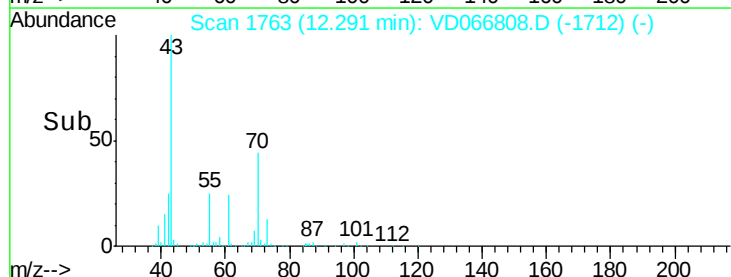
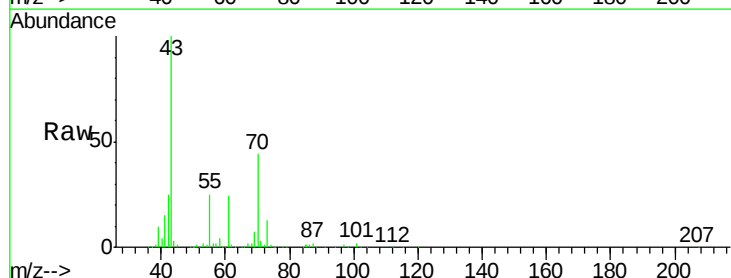
Ion 70.00 (69.70 to 70.70): V

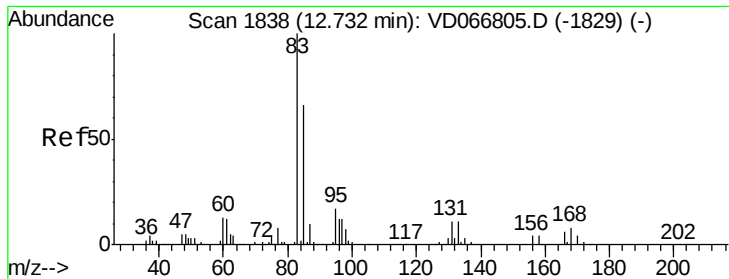
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.130 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

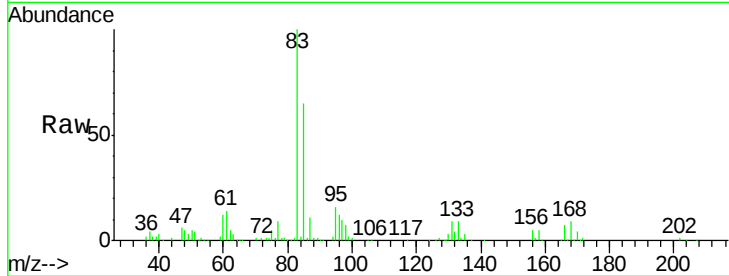
ClientSampleId :

ICVVD092220

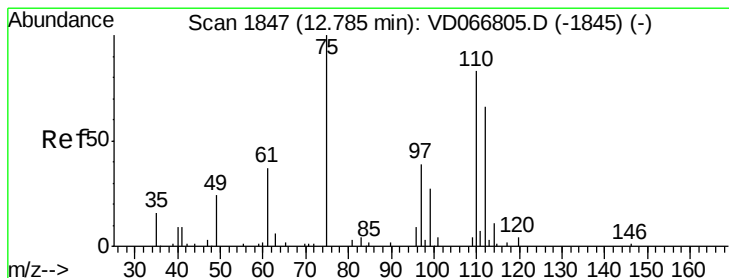
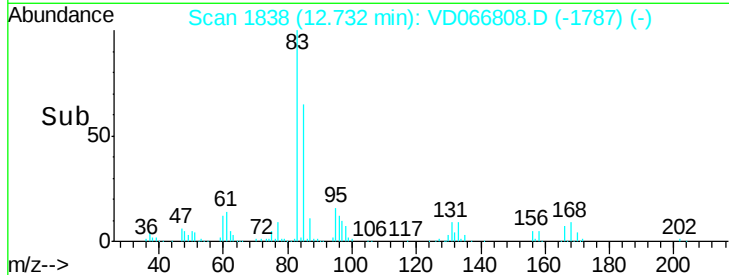
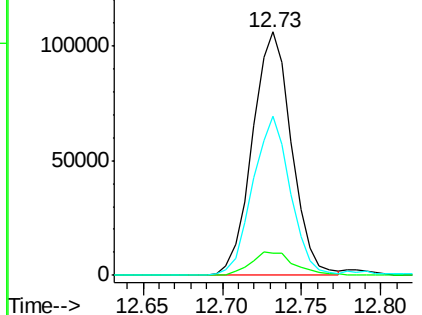
Tot Ion:	83	Resp:	182568
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.7
85	62.8	32.1	96.5

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 48.663 ug/l m

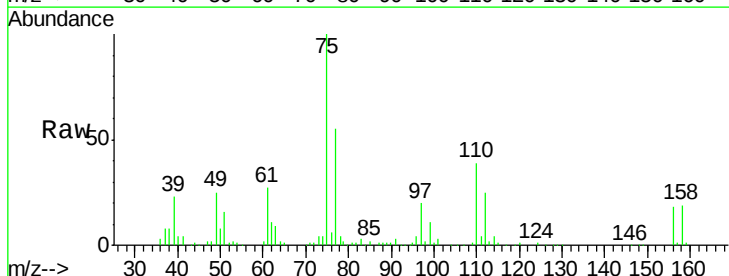
RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

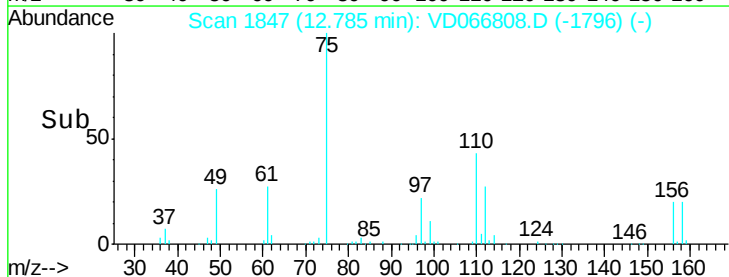
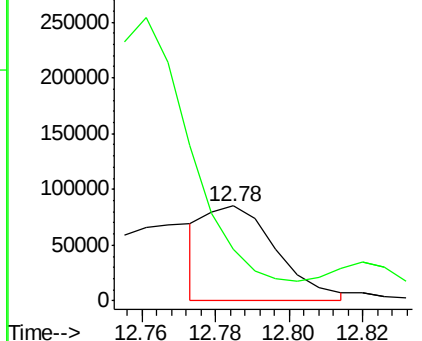
Lab File: VD066808.D

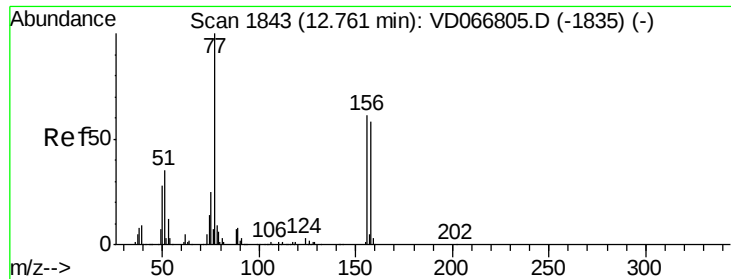
Acq: 22 Sep 2020 13:59

Tgt Ion:	75	Resp:	115519
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.934 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

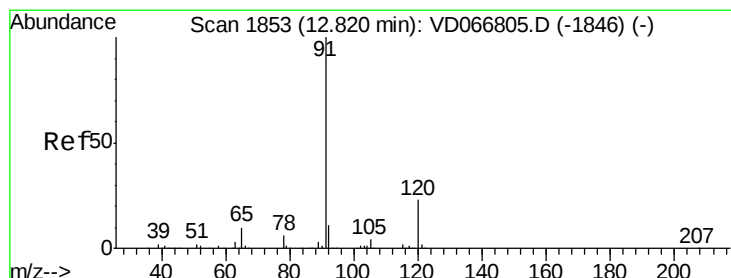
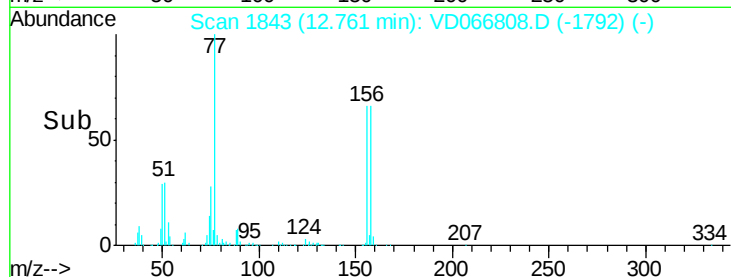
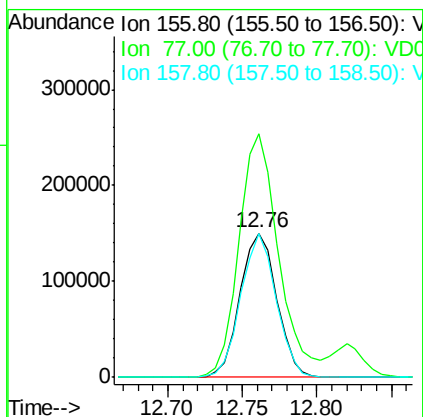
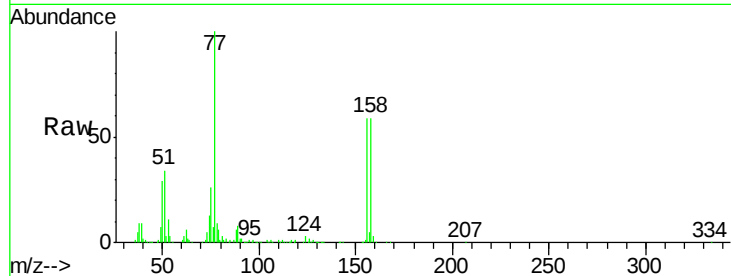
ClientSampleId :

ICVVD092220

Tot Ion:	156	Resp:	256183
Ion Ratio	Lower	Upper	
156	100		
77	182.7	92.3	276.9
158	96.2	47.6	142.9

Manual Integrations
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#78

n-propylbenzene

Concen: 54.791 ug/l

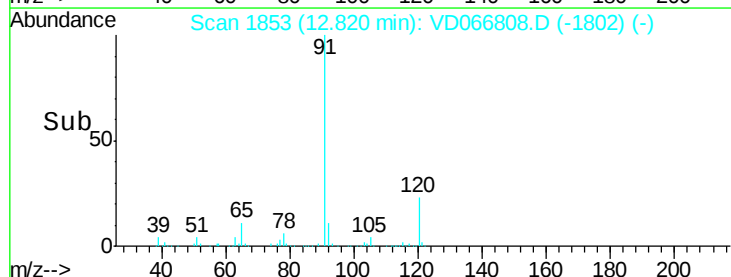
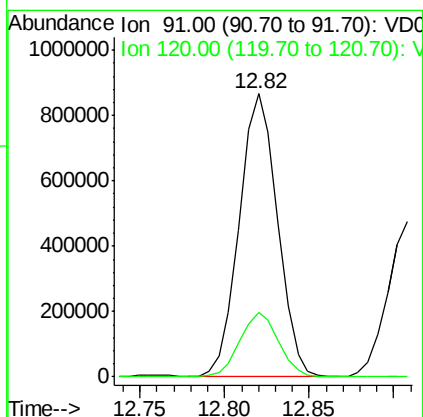
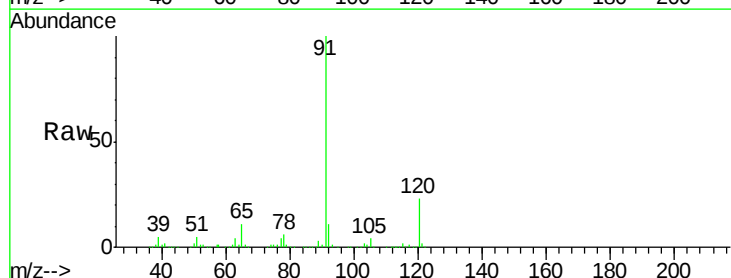
RT: 12.82 min Scan# 1853

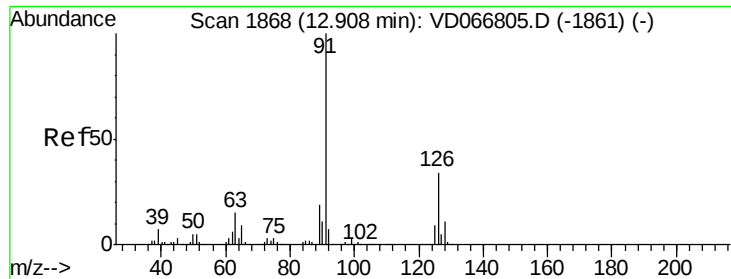
Delta R.T. -0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:	91	Resp:	1363995
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.4	34.2





#79

2-Chlorotoluene

Concen: 53.659 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion: 91 Resp: 761221

Ion Ratio Lower Upper

91 100

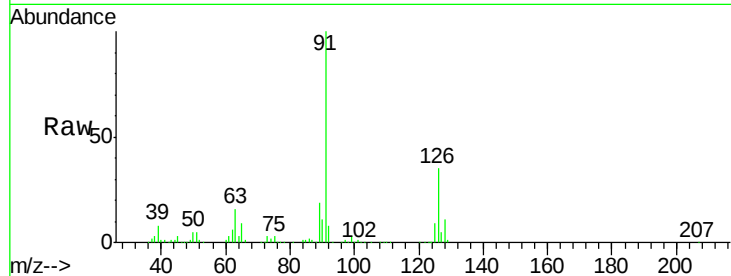
126 34.1 17.0 51.0

Manual Integrations

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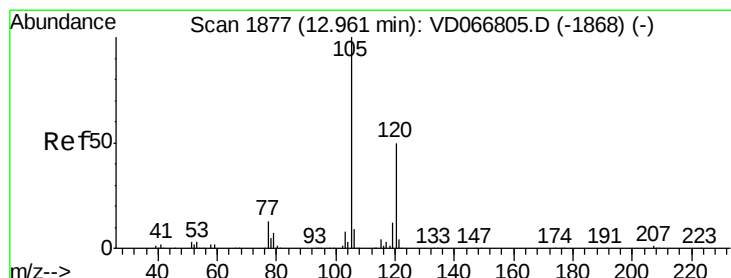
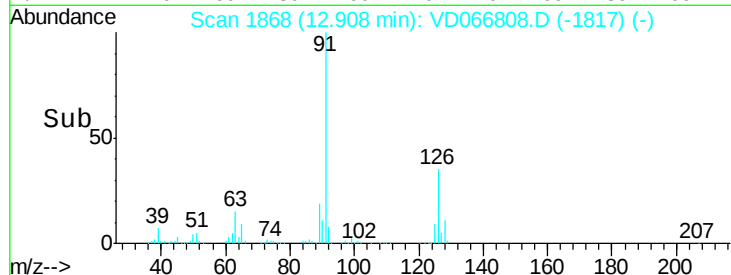
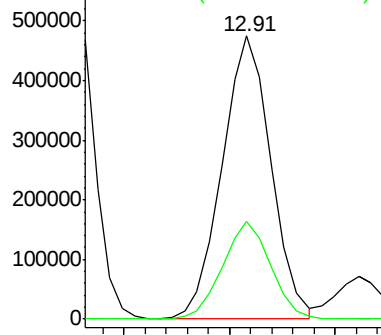
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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.404 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066808.D

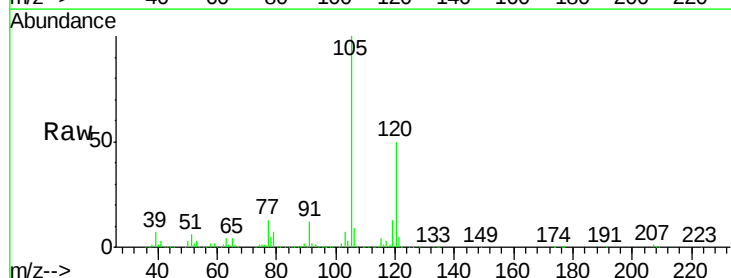
Acq: 22 Sep 2020 13:59

Tgt Ion:105 Resp: 972794

Ion Ratio Lower Upper

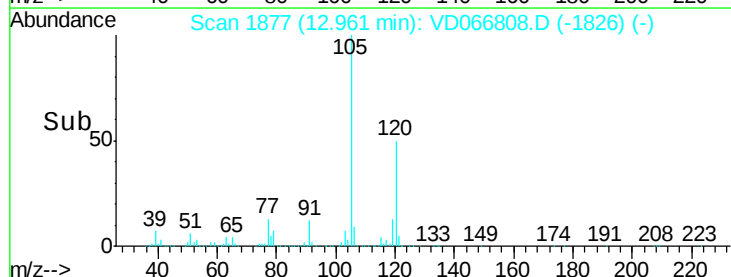
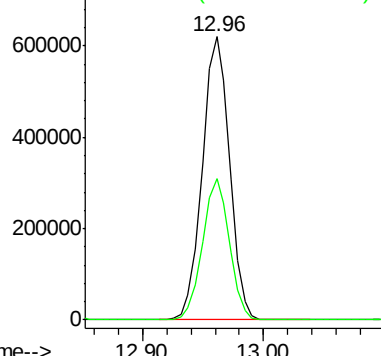
105 100

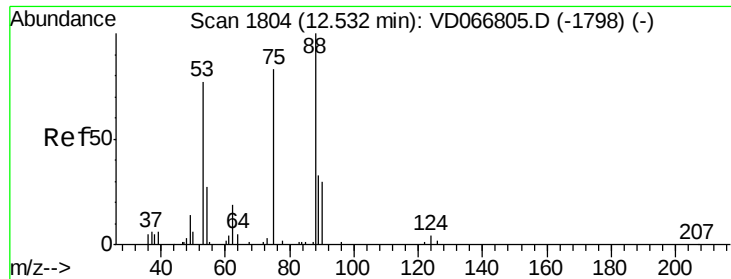
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.808 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

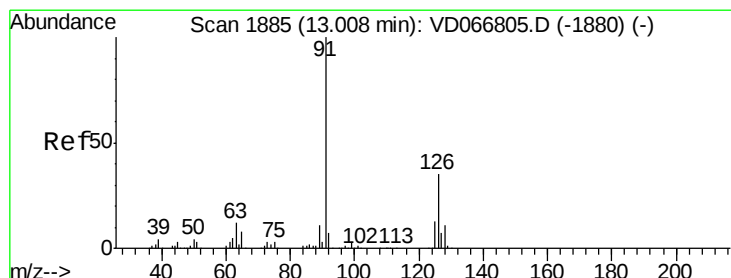
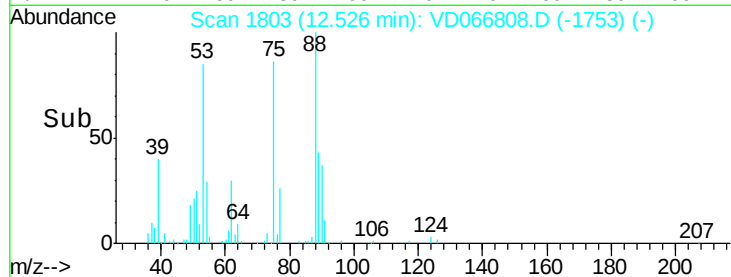
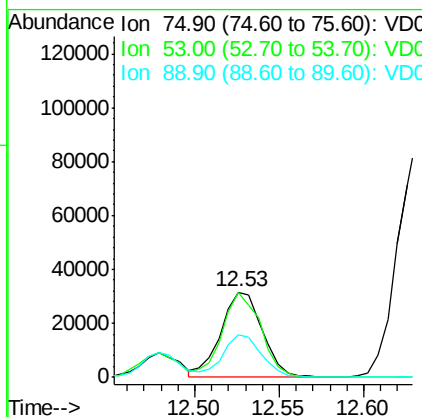
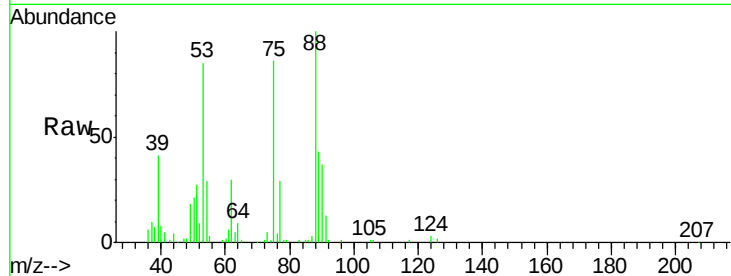
ClientSampleId :

ICVVD092220

Tot Ion:	75	Resp:	52952
Ion	Ratio	Lower	Upper
75	100		
53	95.4	78.5	117.7
89	47.2	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.086 ug/l

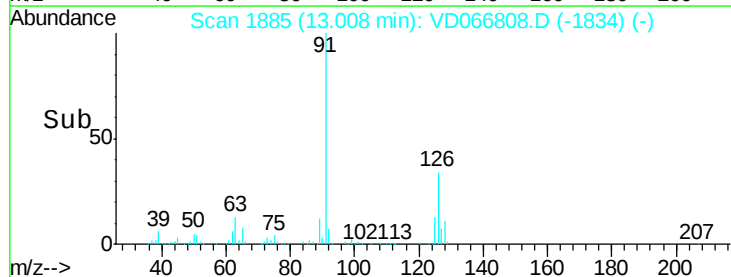
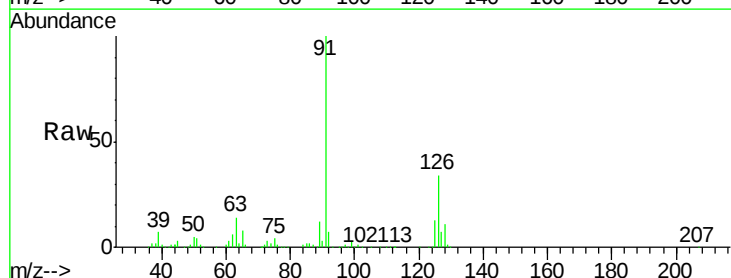
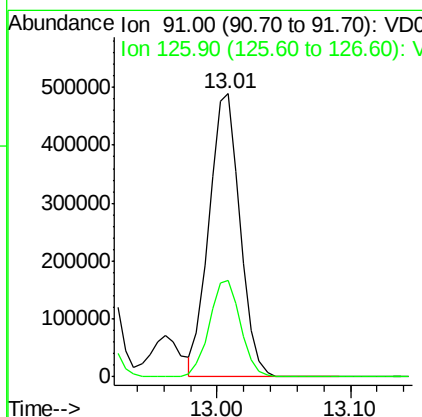
RT: 13.01 min Scan# 1885

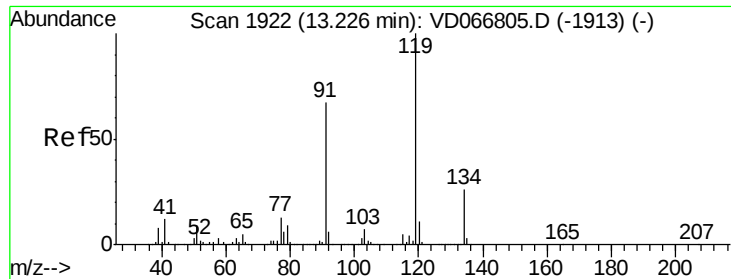
Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:	91	Resp:	793872
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.1	51.2





#83

tert-Butylbenzene

Concen: 56.452 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

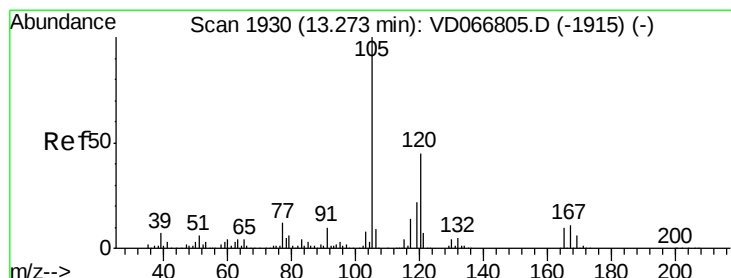
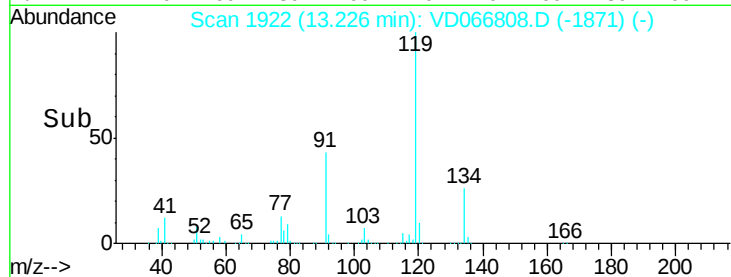
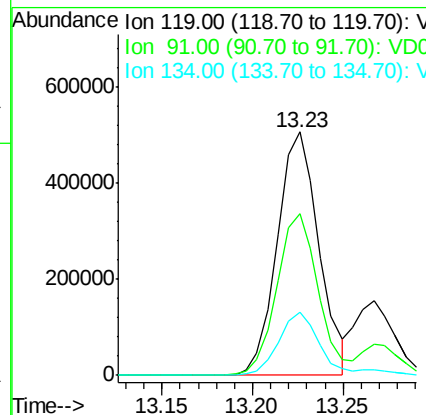
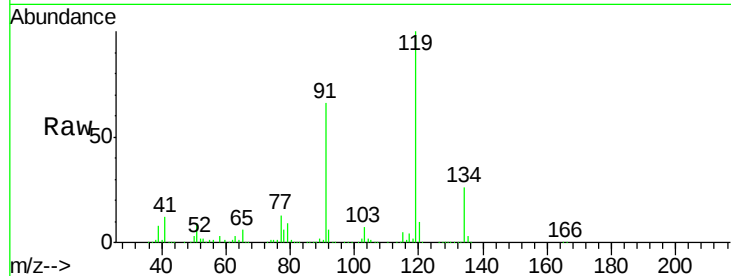
ClientSampleId :

ICVVD092220

Tot Ion:	119	Resp:	814500
Ion Ratio	Lower	Upper	
119	100		
91	66.6	33.6	100.8
134	26.8	13.5	40.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 55.478 ug/l

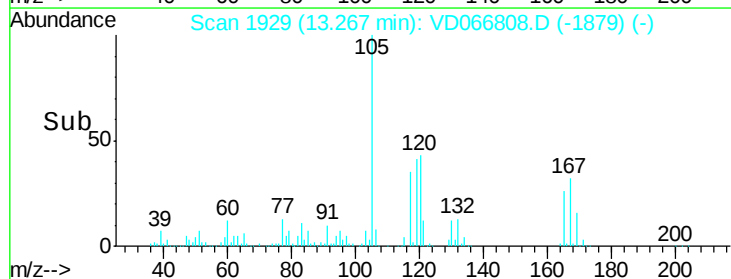
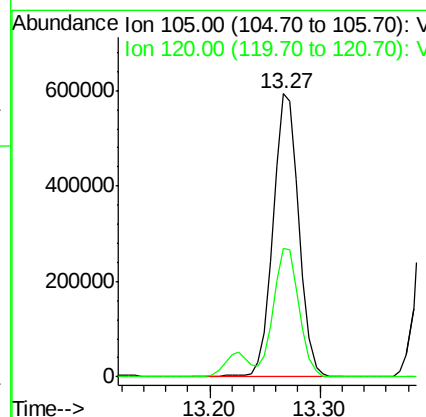
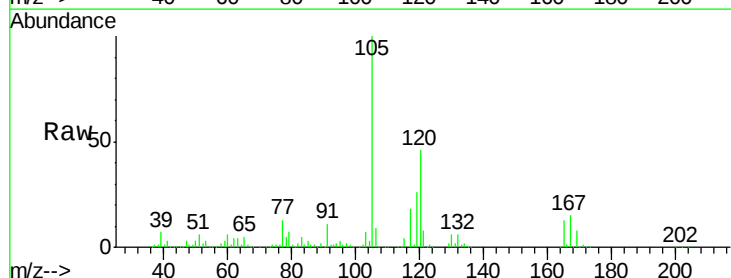
RT: 13.27 min Scan# 1929

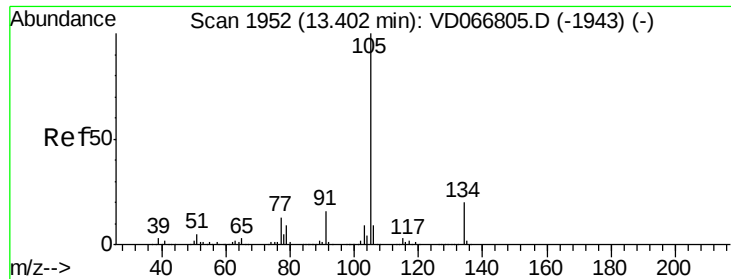
Delta R.T. -0.01 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion:	105	Resp:	965920
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 54.915 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092220

Tot Ion:105 Resp: 1139353

Ion Ratio Lower Upper

105 100

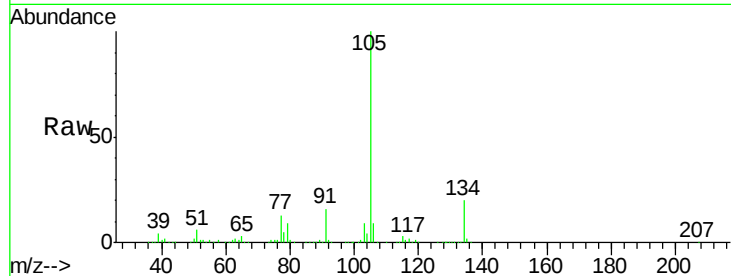
134 20.2 10.2 30.6

Manual Integrations

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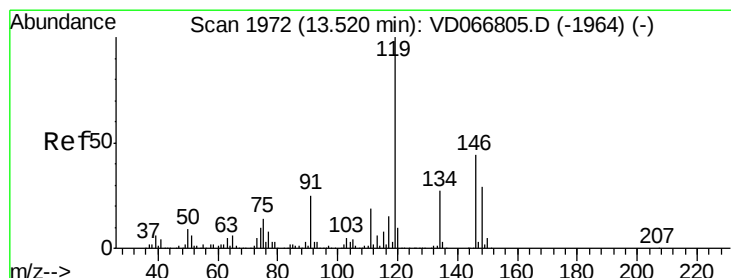
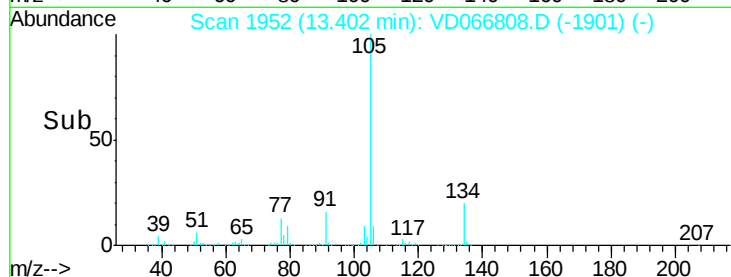
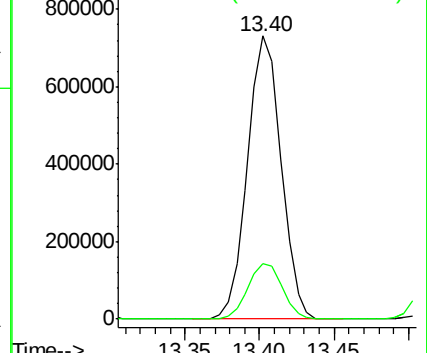
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.756 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

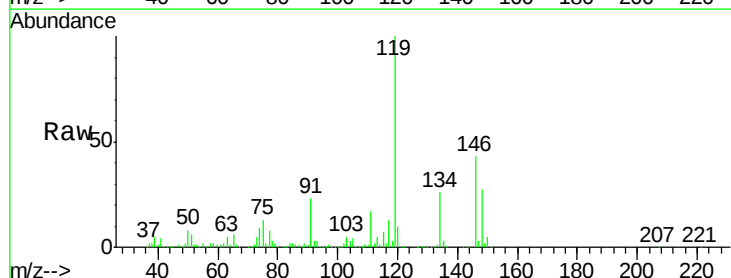
Tgt Ion:119 Resp: 1061442

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

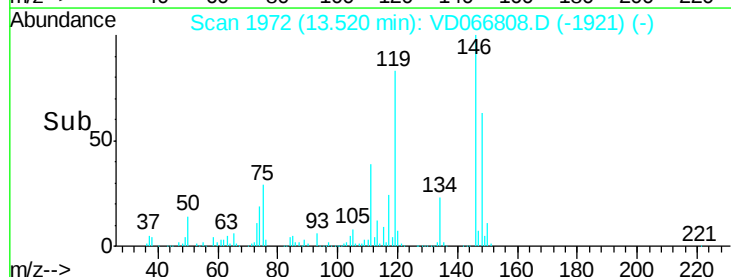
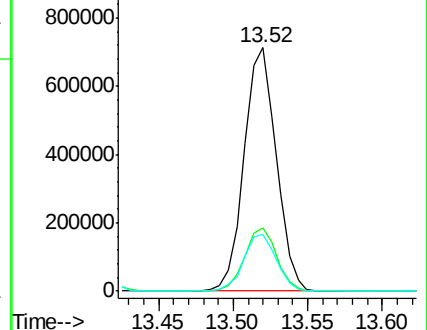
91 23.7 12.0 36.1

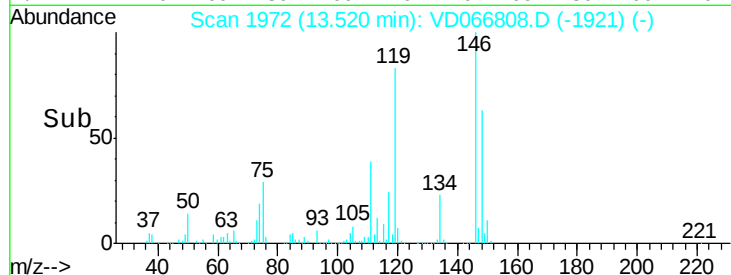
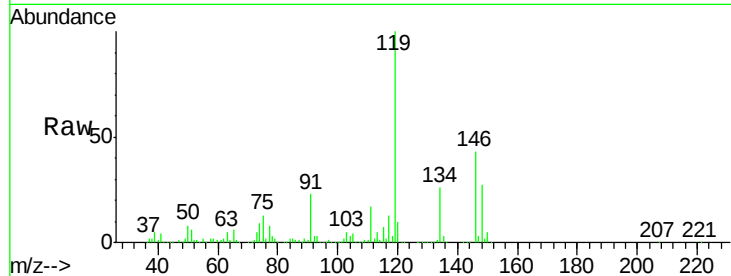
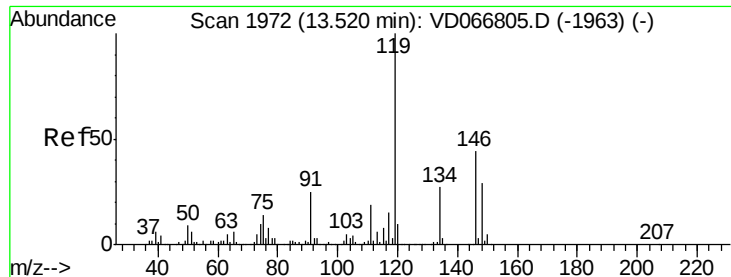


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.967 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066808.D

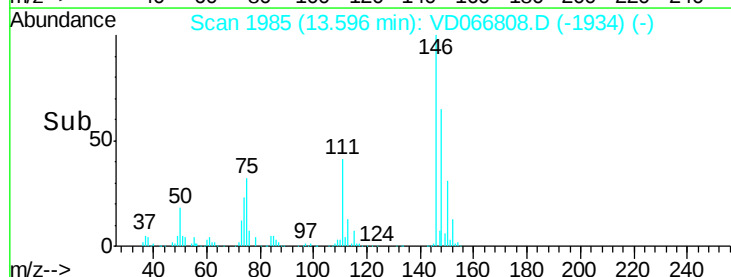
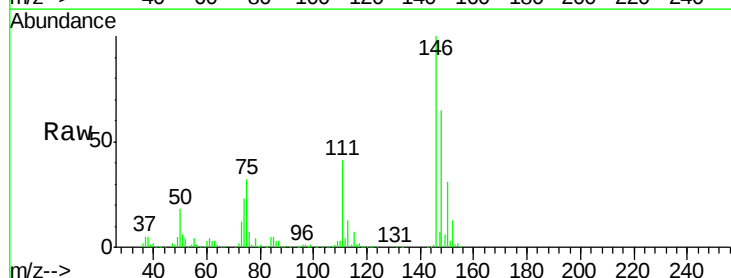
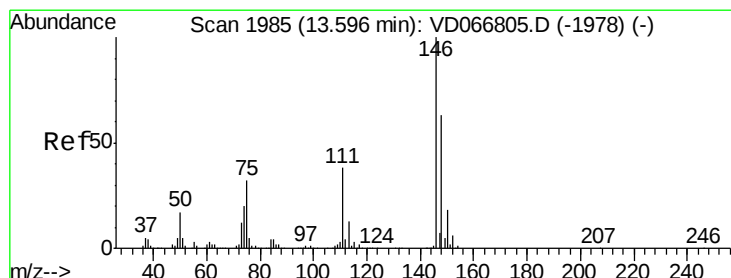
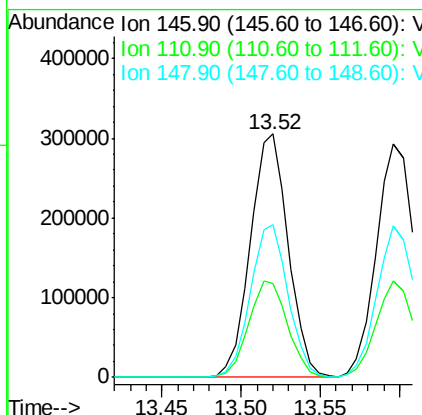
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
146	100	506440		
111	40.7	20.3	60.9	
148	62.7	31.9	95.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.447 ug/l

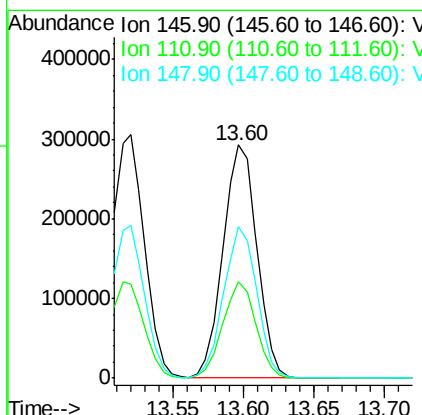
RT: 13.60 min Scan# 1985

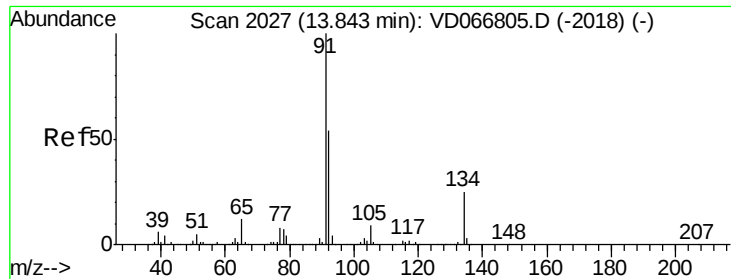
Delta R.T. 0.00 min

Lab File: VD066808.D

Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	488568		
111	40.6	20.2	60.5	
148	63.5	31.6	94.7	





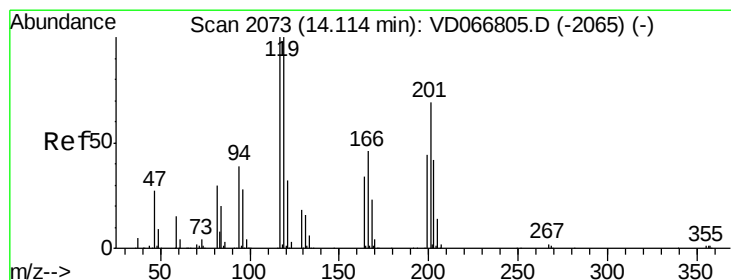
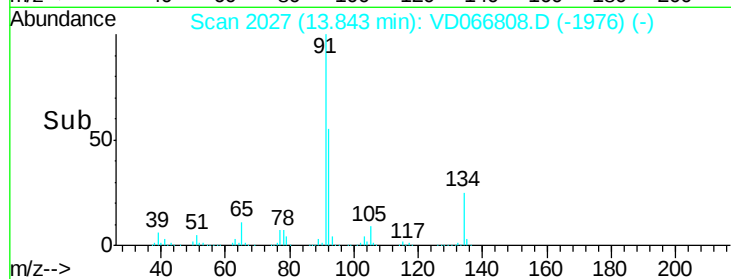
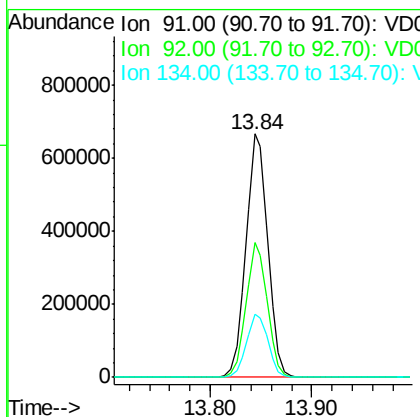
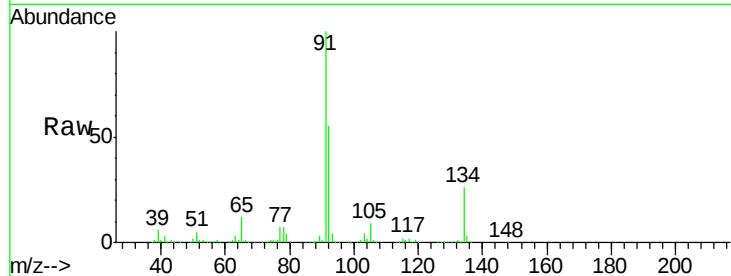
#89
n-Butylbenzene
Concen: 55.759 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	26.7	80.0	
134	25.8	13.1	39.1	

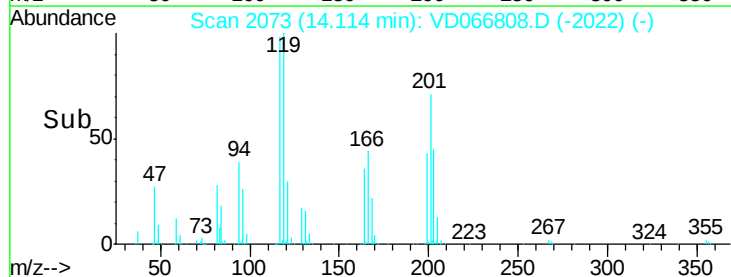
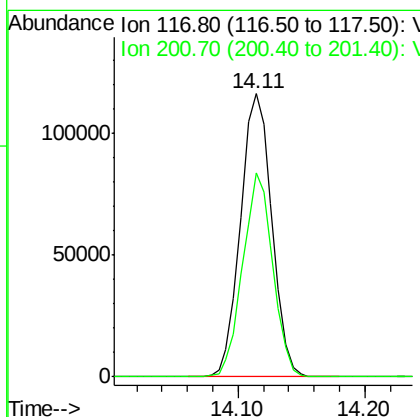
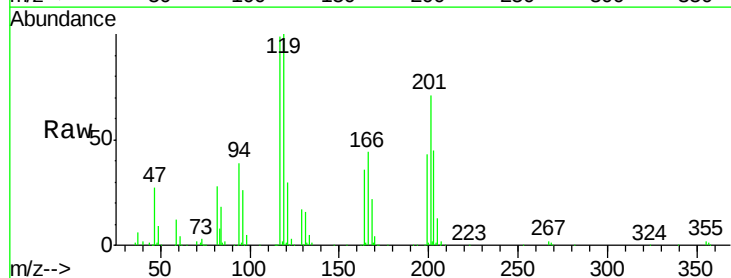
Manual Integrations
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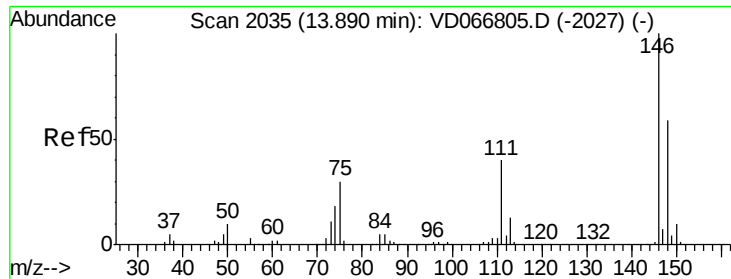
MMDadoda
9/23/2020 1:05:04 PM



#90
Hexachloroethane
Concen: 52.365 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	68.9	33.7	101.0	





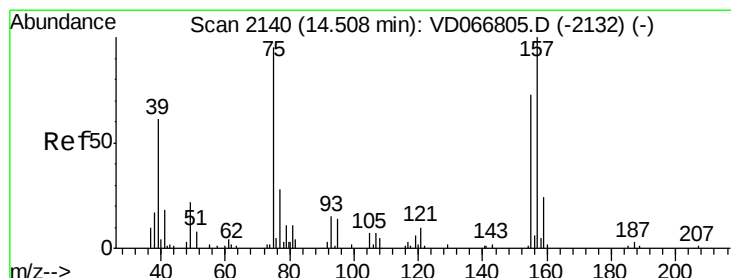
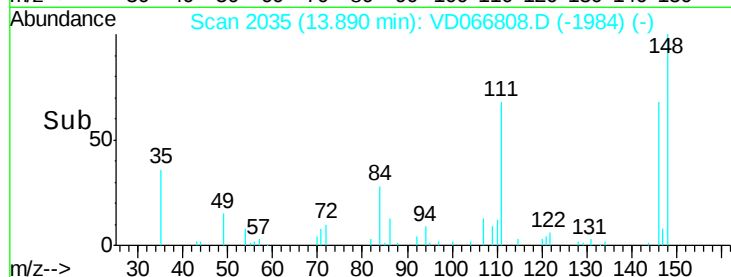
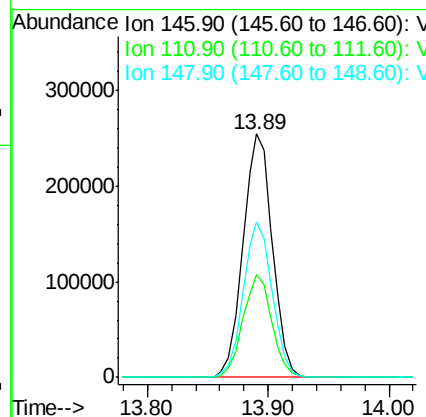
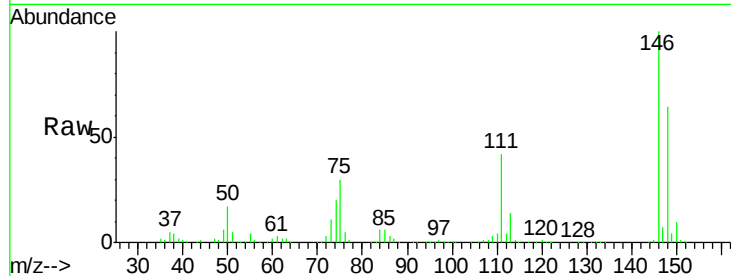
#91
 1,2-Dichlorobenzene
 Concen: 52.498 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.7
148	63.4	31.8	95.3

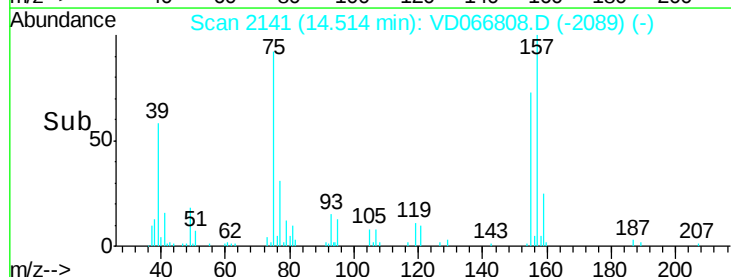
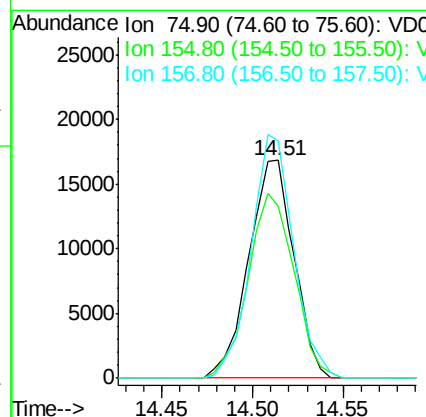
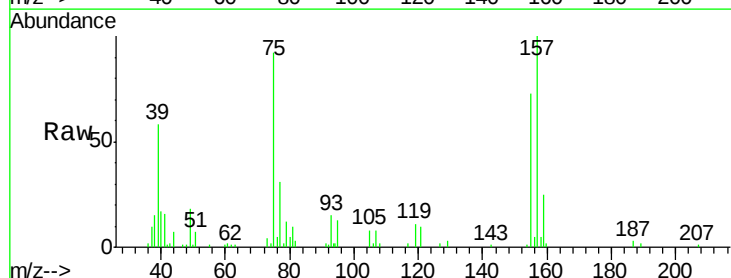
Manual Integrations
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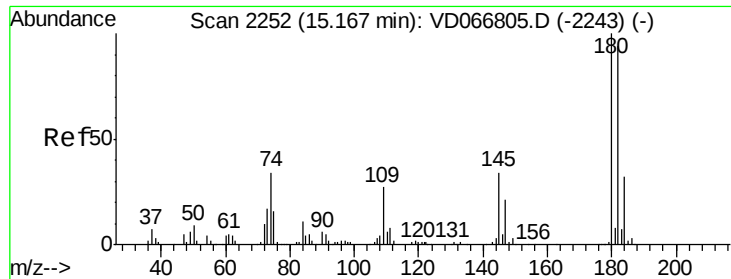
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.826 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	40.4	121.2
157	104.7	51.3	153.9





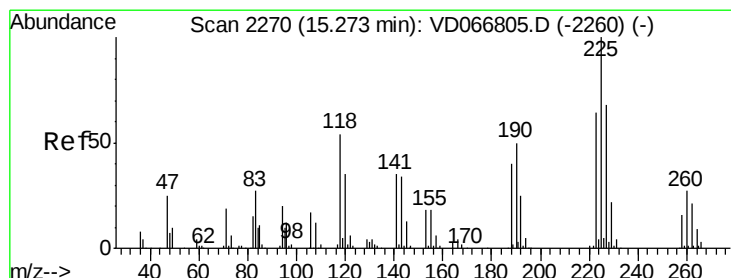
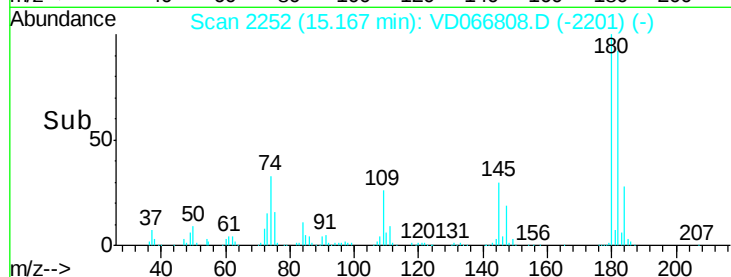
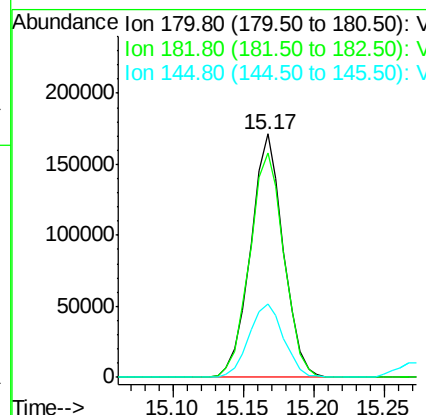
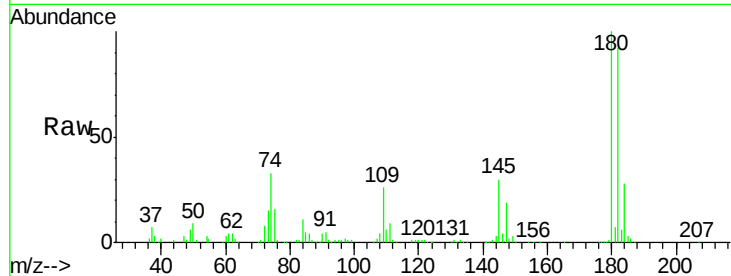
#93
 1,2,4-Trichlorobenzene
 Concen: 53.971 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092220

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277926		
182	96.7	48.8	146.3	
145	32.1	16.7	50.0	

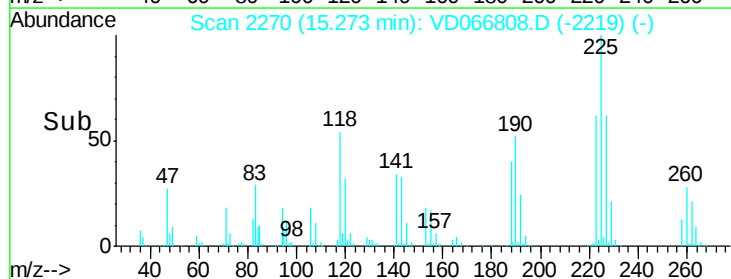
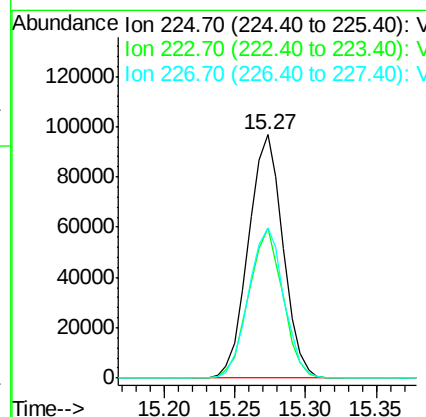
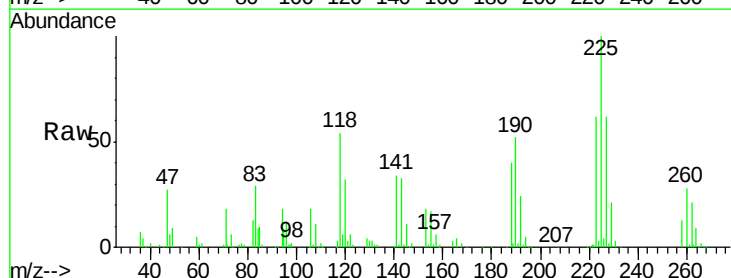
Manual Integrations
 APPROVED

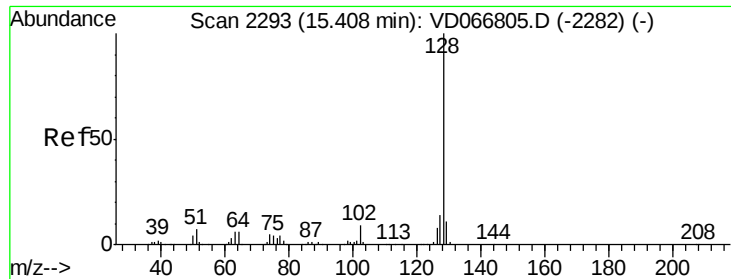
MMDadoda
 9/23/2020 1:05:04 PM



#94
 Hexachlorobutadiene
 Concen: 54.012 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066808.D
 Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166670		
223	60.6	31.1	93.3	
227	62.6	31.7	95.1	





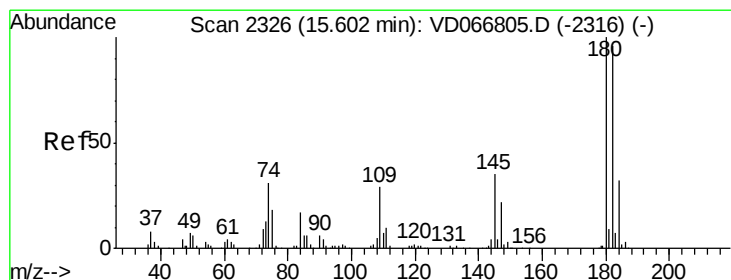
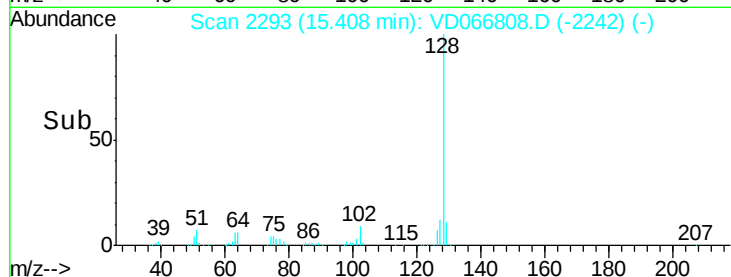
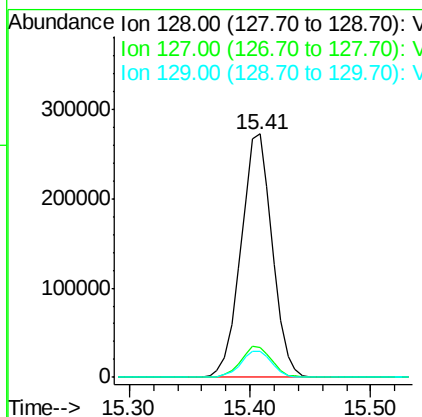
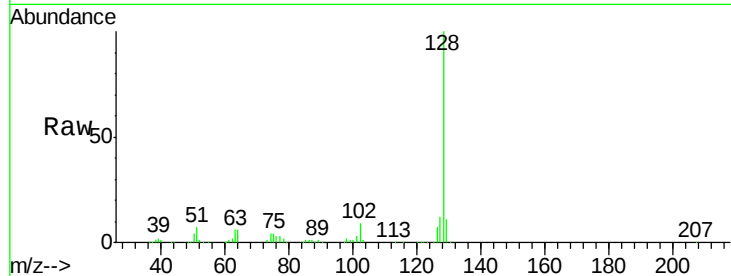
#95
Naphthalene
Concen: 56.260 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092220

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations
APPROVED

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9/23/2020 1:05:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.894 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066808.D
Acq: 22 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	33.7	17.0	51.0

