

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065938.D
 Acq On : 08 Jul 2020 14:02
 Operator : VA/SY
 Sample : VD0708SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:18 AM

Quant Time: Jul 09 01:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	404753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	597939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	563642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	165242	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.91	113	179294	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.34	98	674501	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.63	95	235103	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	81080	22.533	ug/l	99
3) Chloromethane	2.21	50	72631	20.362	ug/l	100
4) Vinyl Chloride	2.35	62	65137	19.888	ug/l	96
5) Bromomethane	2.76	94	41261	19.888	ug/l	93
6) Chloroethane	2.92	64	37502	19.155	ug/l	90
7) Trichlorofluoromethane	3.27	101	144595	20.599	ug/l	99
8) Diethyl Ether	3.71	74	38457	19.970	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84842	20.206	ug/l	98
10) Methyl Iodide	4.30	142	81616	20.040	ug/l	98
11) Tert butyl alcohol	5.23	59	25262	97.887	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	82215	20.959	ug/l	95
13) Acrolein	3.93	56	21654	103.979	ug/l	97
14) Allyl chloride	4.71	41	131250	19.744	ug/l	97
15) Acrylonitrile	5.42	53	79681	94.502	ug/l	99
16) Acetone	4.16	43	69844	83.083	ug/l	98
17) Carbon Disulfide	4.40	76	259350	20.750	ug/l	96
18) Methyl Acetate	4.71	43	33294	16.896	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	164290	19.783	ug/l	99
20) Methylene Chloride	4.96	84	117605	20.189	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	89438	20.265	ug/l	95
22) Diisopropyl ether	6.36	45	254294	20.356	ug/l	97
23) Vinyl Acetate	6.31	43	694019	97.329	ug/l	100
24) 1,1-Dichloroethane	6.27	63	152528	20.476	ug/l	96
25) 2-Butanone	7.21	43	100818	90.758	ug/l	90
26) 2,2-Dichloropropane	7.20	77	129066	19.806	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	96537	20.358	ug/l	99
28) Bromochloromethane	7.55	49	63415	22.536	ug/l	99
29) Tetrahydrofuran	7.56	42	63574	90.002	ug/l	98
30) Chloroform	7.71	83	150367	19.912	ug/l	98
31) Cyclohexane	7.98	56	147878	20.176	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	142048	20.612	ug/l	98
36) 1,1-Dichloropropene	8.11	75	124586	21.097	ug/l	98
37) Ethyl Acetate	7.30	43	45114	18.232	ug/l #	94
38) Carbon Tetrachloride	8.10	117	129331	20.432	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	153777	21.210	ug/l	99
40) Benzene	8.36	78	351335	21.535	ug/l	96
41) Methacrylonitrile	7.52	41	27427	19.091	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	93790	20.293	ug/l	99
43) Isopropyl Acetate	8.45	43	89072	19.339	ug/l	96
44) Trichloroethene	9.11	130	100714	21.010	ug/l	99
45) 1,2-Dichloropropane	9.39	63	85027	20.998	ug/l	99
46) Dibromomethane	9.48	93	42119	19.979	ug/l	99
47) Bromodichloromethane	9.66	83	118479	20.951	ug/l	92
48) Methyl methacrylate	9.46	41	45270	19.524	ug/l	96
49) 1,4-Dioxane	9.46	88	10797	431.035	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	223290	95.893	ug/l	99
52) Toluene	10.40	92	225124	21.690	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	109516	20.596	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	132072	20.556	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	61556	21.193	ug/l	98
56) Ethyl methacrylate	10.66	69	70156	19.775	ug/l	97
57) 1,3-Dichloropropane	10.95	76	102005	20.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	177190	103.130	ug/l	100
59) 2-Hexanone	10.98	43	155028	96.807	ug/l	99
60) Dibromochloromethane	11.14	129	80730	20.343	ug/l	99
61) 1,2-Dibromoethane	11.25	107	57812	19.963	ug/l	99
64) Tetrachloroethene	10.87	164	84966	20.729	ug/l	97
65) Chlorobenzene	11.67	112	238724	21.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85369	20.095	ug/l	97
67) Ethyl Benzene	11.74	91	421616	20.894	ug/l	99
68) m/p-Xylenes	11.85	106	323282	42.169	ug/l	100
69) o-Xylene	12.18	106	148422	21.253	ug/l	99
70) Styrene	12.20	104	253262	21.008	ug/l	99
71) Bromoform	12.36	173	47885	19.920	ug/l #	99
73) Isopropylbenzene	12.48	105	408500	21.348	ug/l	99
74) N-amyl acetate	12.29	43	79287	18.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	62419	19.648	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	42397m	18.433	ug/l	
77) Bromobenzene	12.76	156	98736	21.274	ug/l	99
78) n-propylbenzene	12.82	91	483560	21.554	ug/l	100
79) 2-Chlorotoluene	12.91	91	268336	21.084	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	339714	21.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20982	19.602	ug/l	97
82) 4-Chlorotoluene	13.01	91	281399	21.074	ug/l	98
83) tert-Butylbenzene	13.23	119	289312	21.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	335348	21.525	ug/l	99
85) sec-Butylbenzene	13.40	105	404020	21.379	ug/l	99
86) p-Isopropyltoluene	13.52	119	372555	21.554	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	188075	21.656	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	183883	21.223	ug/l	99
89) n-Butylbenzene	13.84	91	340370	20.970	ug/l	99
90) Hexachloroethane	14.11	117	73071	20.964	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	157141	20.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10689	20.122	ug/l	96

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ClientSampleId :
VD0708SBSD01

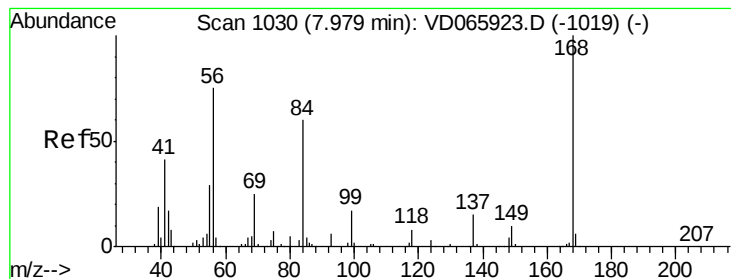
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	113763	21.029	ug/l	98
94) Hexachlorobutadiene	15.27	225	68785	21.020	ug/l	97
95) Naphthalene	15.40	128	175327	19.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	97121	20.814	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: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion:168 Resp: 404753

Ion Ratio Lower Upper

168 100

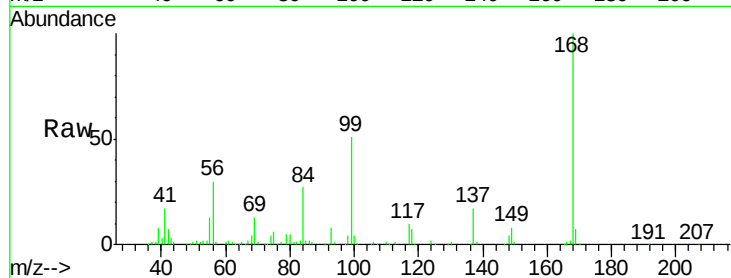
99 51.0 43.1 64.7

Manual Integrations

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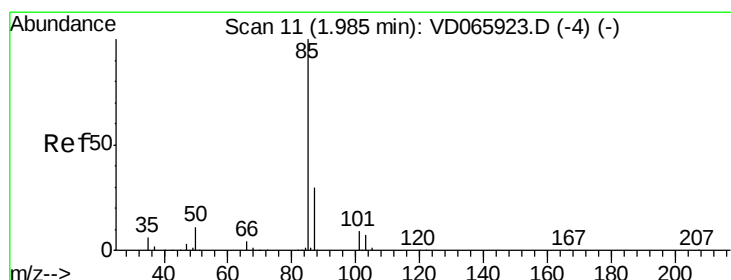
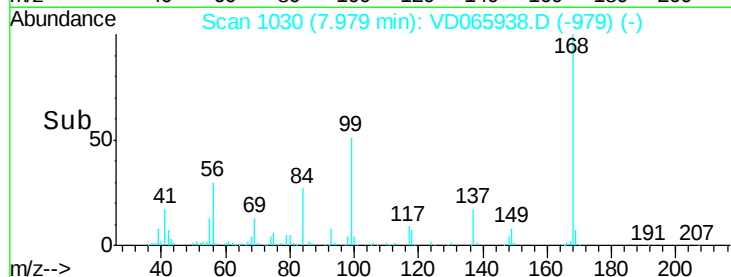
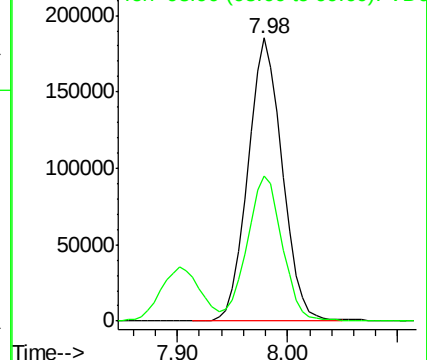
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.533 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065938.D

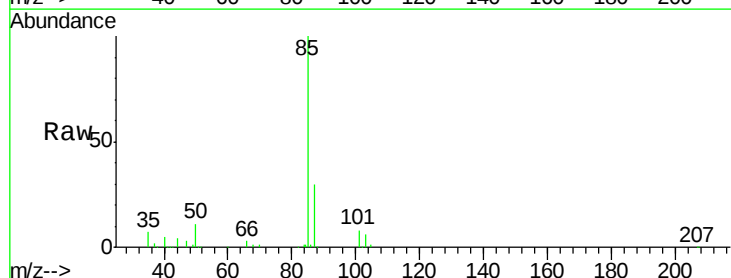
Acq: 08 Jul 2020 14:02

Tgt Ion: 85 Resp: 81080

Ion Ratio Lower Upper

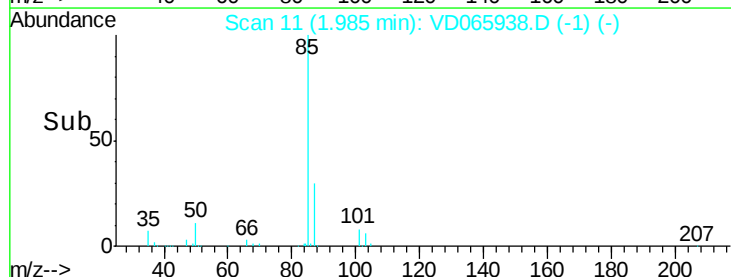
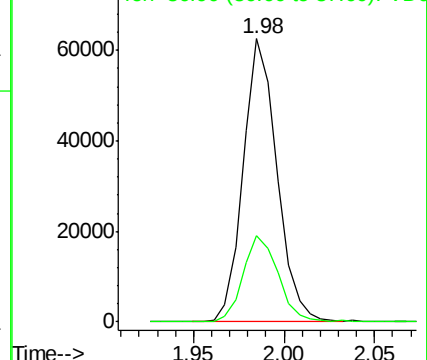
85 100

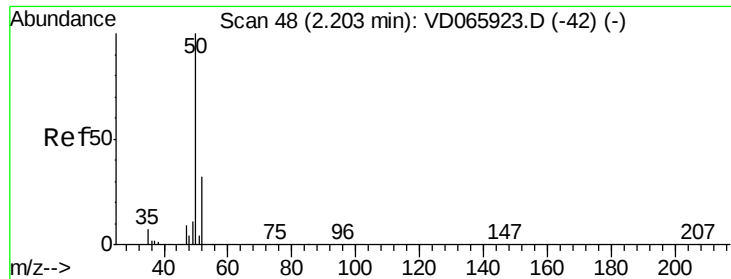
87 30.3 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.362 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 50 Resp: 72631

Ion Ratio Lower Upper

50 100

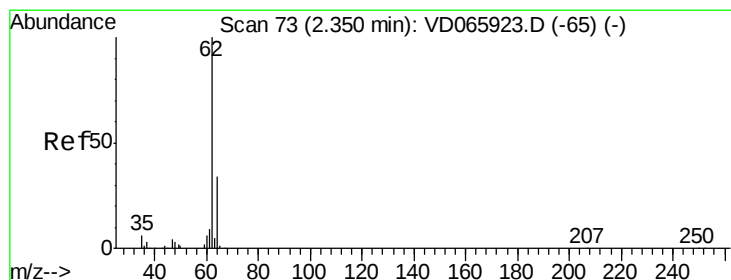
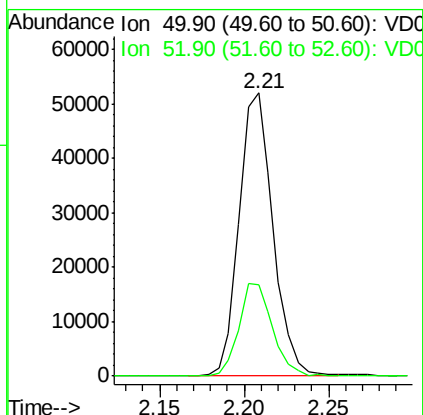
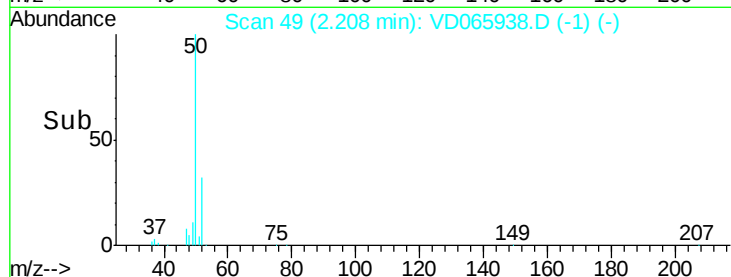
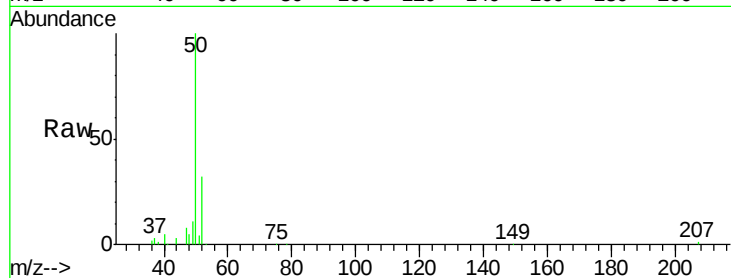
52 32.1 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.888 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065938.D

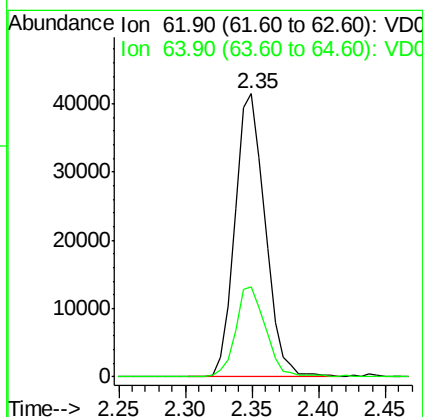
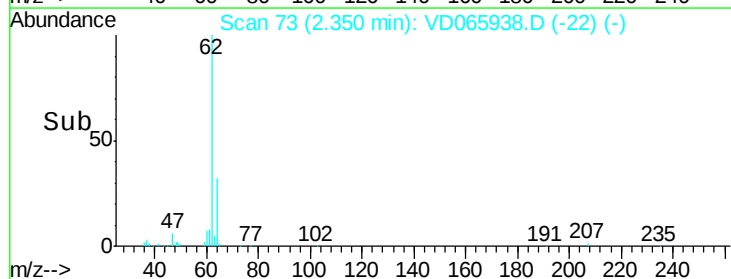
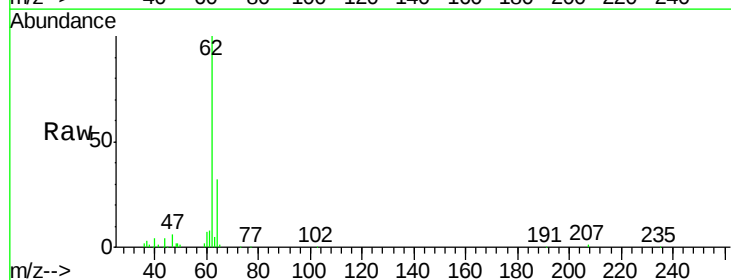
Acq: 08 Jul 2020 14:02

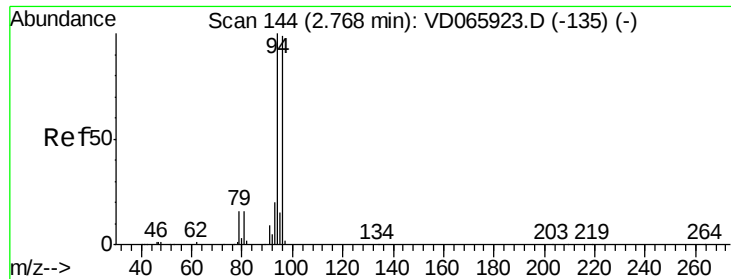
Tgt Ion: 62 Resp: 65137

Ion Ratio Lower Upper

62 100

64 31.7 27.2 40.8





#5

Bromomethane

Concen: 19.888 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBSD01

Tot Ion: 94 Resp: 41261

Ion Ratio Lower Upper

94 100

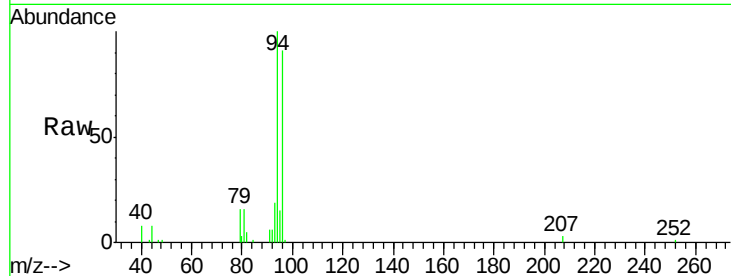
96 91.3 78.8 118.2

Manual Integrations

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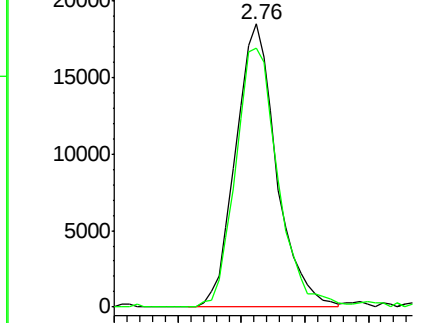
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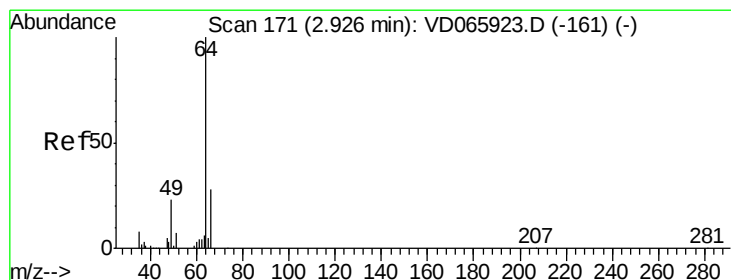
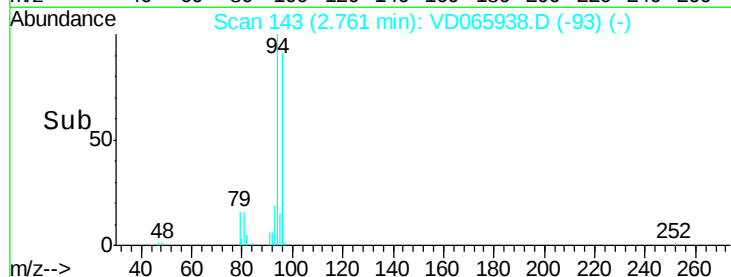


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 19.155 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065938.D

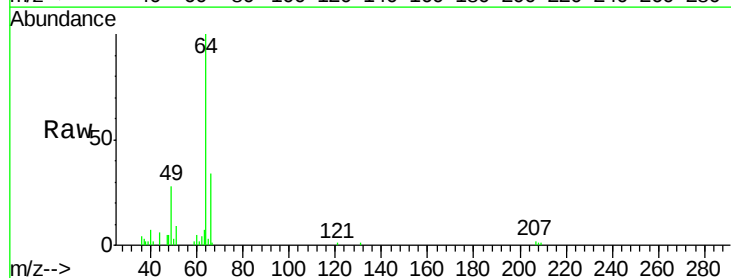
Acq: 08 Jul 2020 14:02

Tgt Ion: 64 Resp: 37502

Ion Ratio Lower Upper

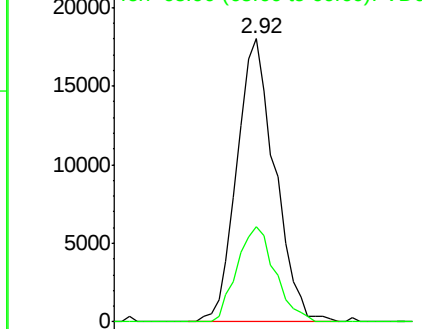
64 100

66 33.7 22.6 33.8

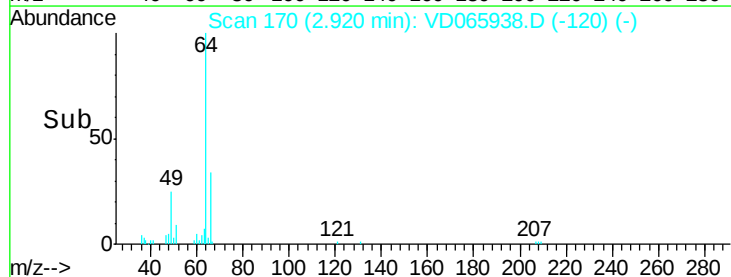


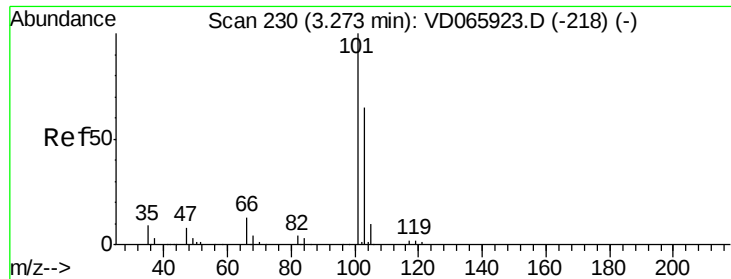
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time--> 2.85 2.90 2.95 3.00





#7

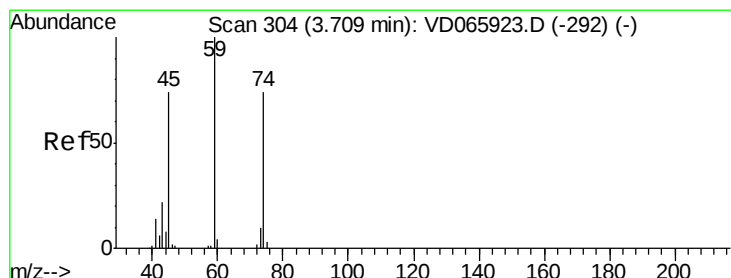
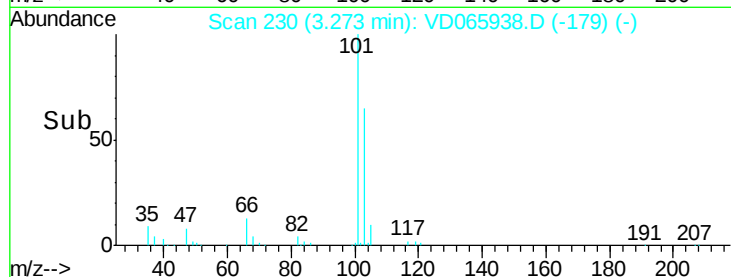
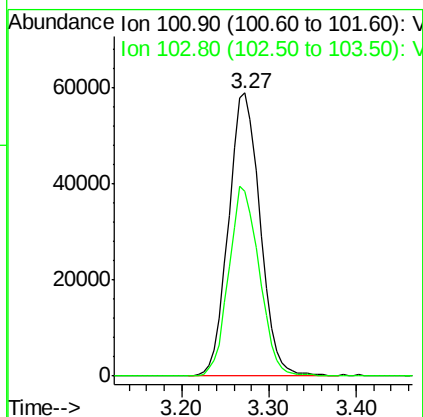
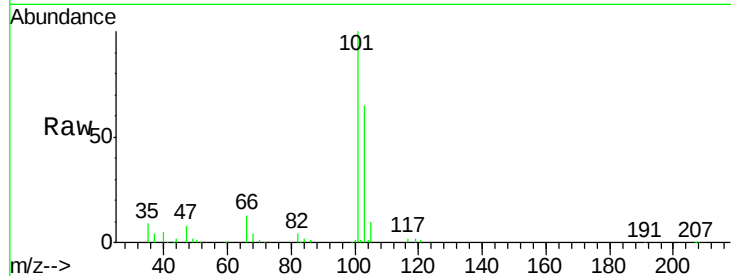
Trichlorofluoromethane
 Concen: 20.599 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
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 VD0708SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.7	77.5

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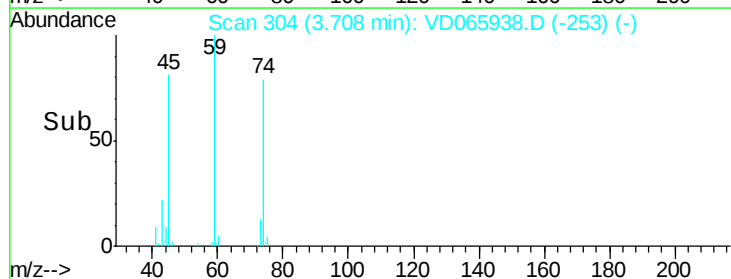
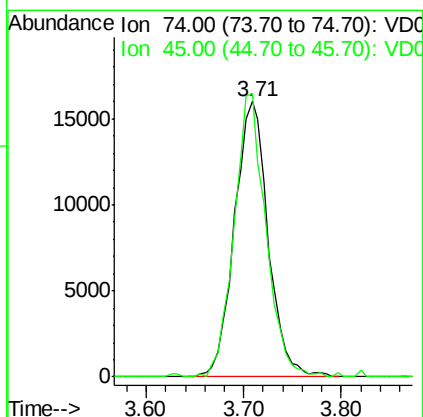
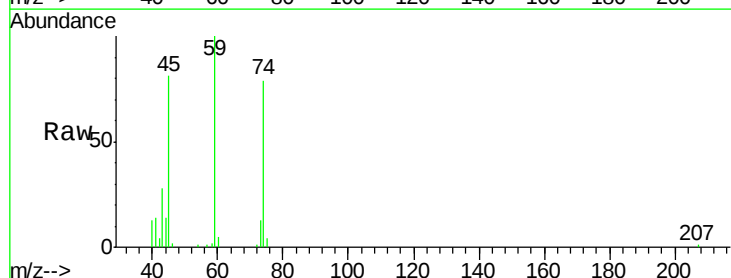
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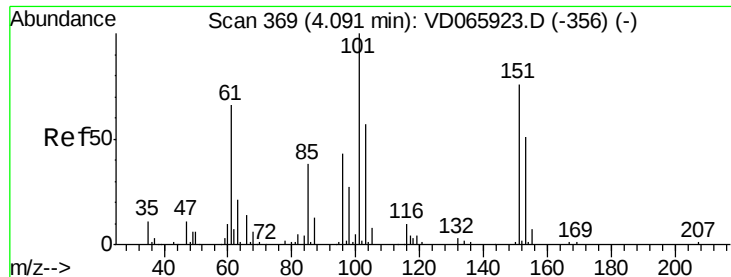


#8

Diethyl Ether
 Concen: 19.970 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	51.1	153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.206 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

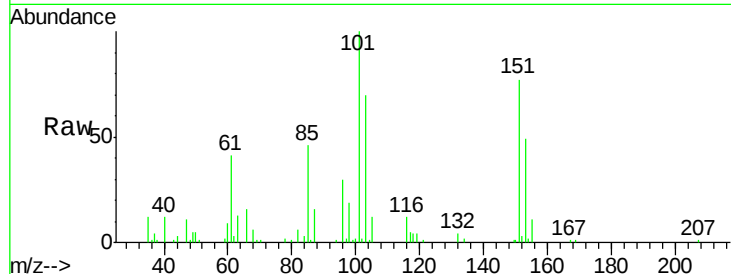
ClientSampleId :

VD0708SBS01

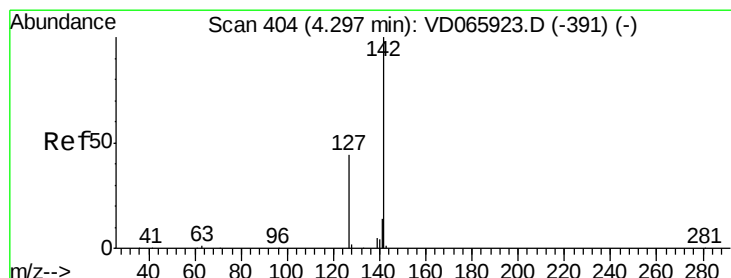
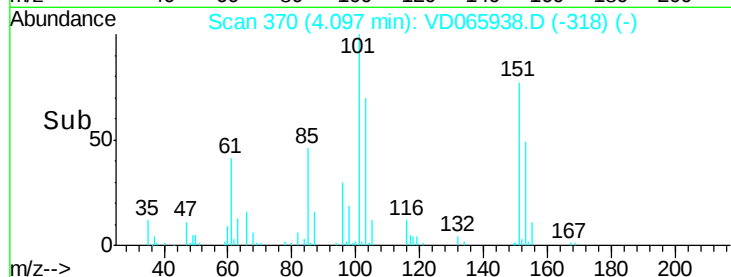
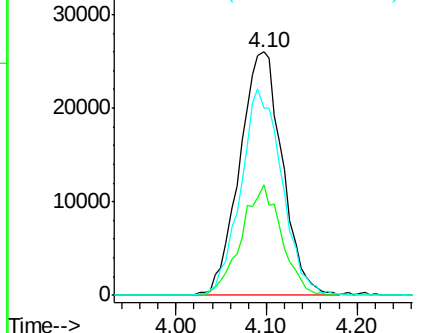
Tot Ion:	101	Resp:	84842
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.8	50.8
151	82.0	64.1	96.1

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



#10

Methyl Iodide

Concen: 20.040 ug/l

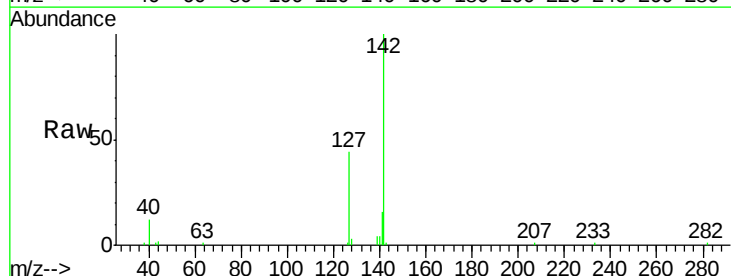
RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

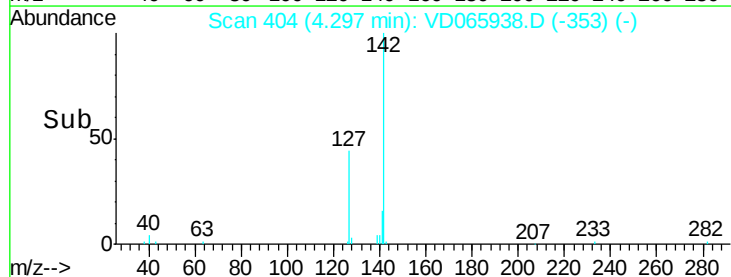
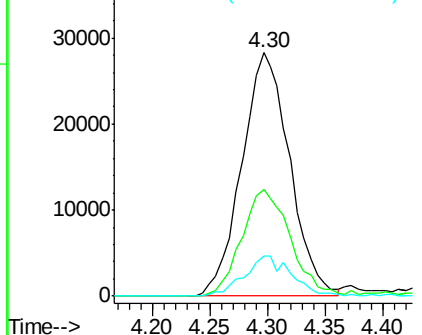
Lab File: VD065938.D

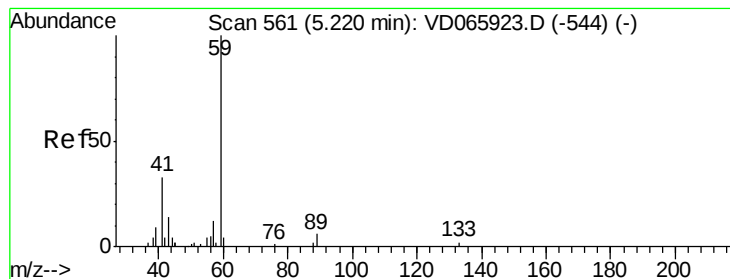
Acq: 08 Jul 2020 14:02

Tgt Ion:	142	Resp:	81616
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.6	51.8
141	16.2	11.6	17.4



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





#11

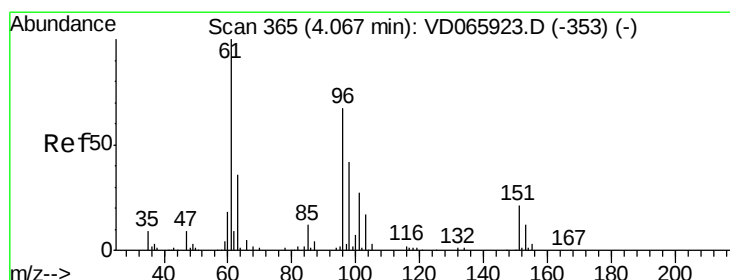
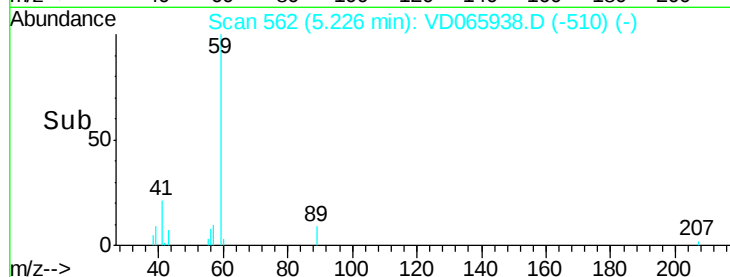
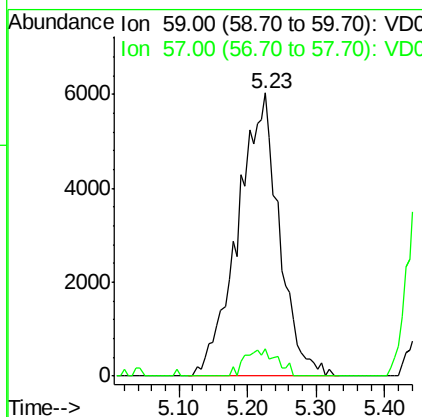
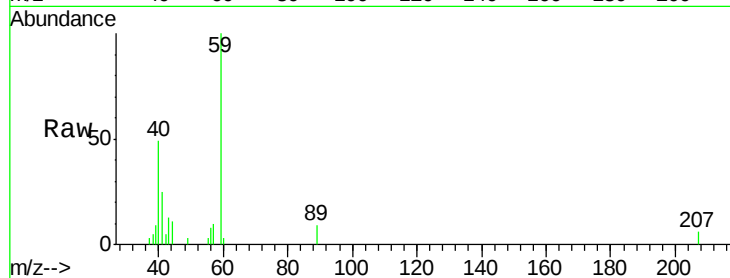
Tert butyl alcohol
Concen: 97.887 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.5	8.7	13.1#

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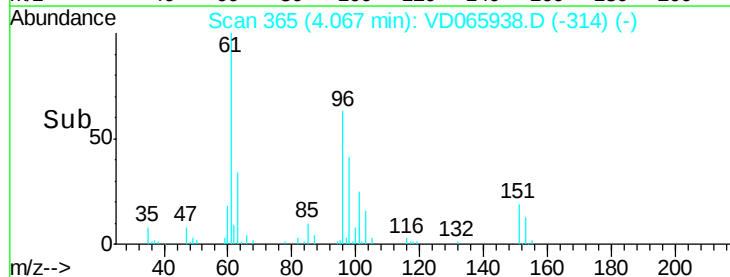
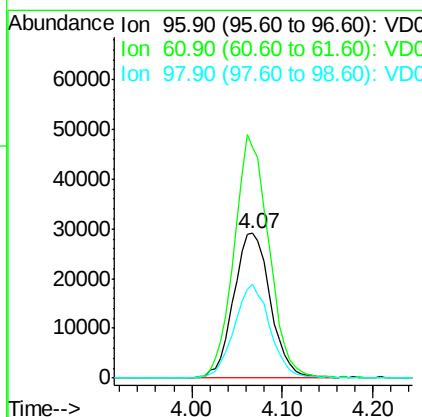
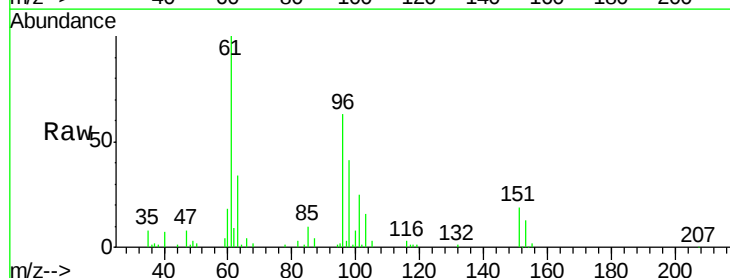
MMDadoda
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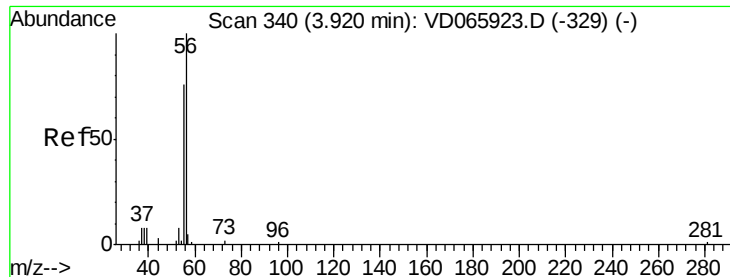


#12

1,1-Dichloroethene
Concen: 20.959 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	120.2	180.2
98	64.6	50.6	76.0





#13

Acrolein

Concen: 103.979 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 56 Resp: 21654

Ion Ratio Lower Upper

56 100

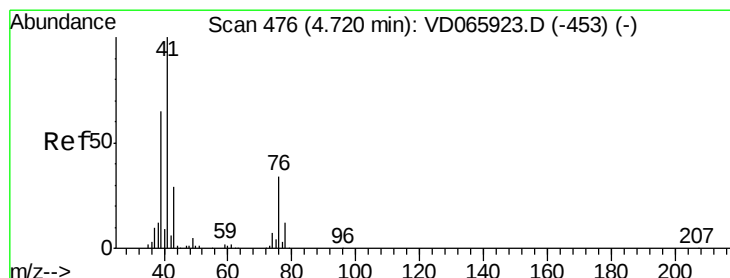
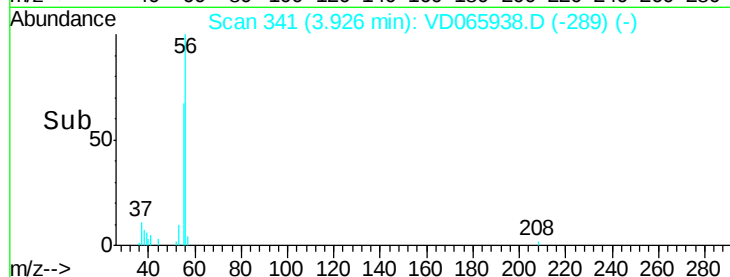
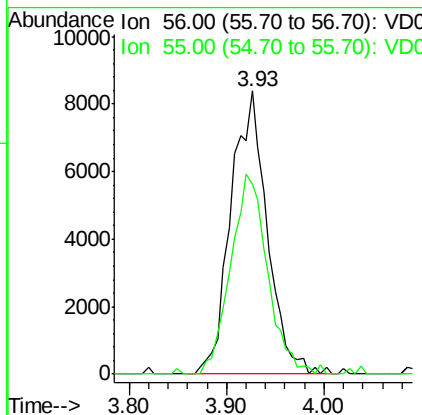
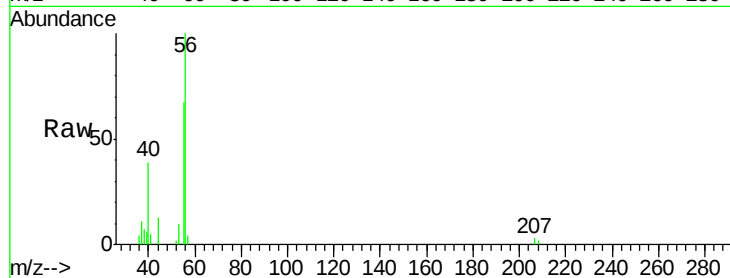
55 71.5 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.744 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

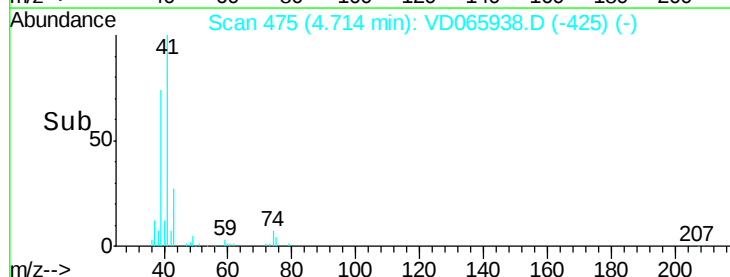
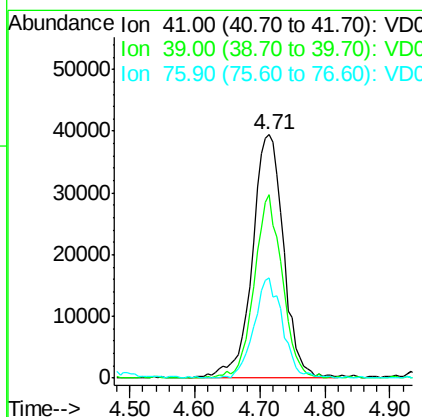
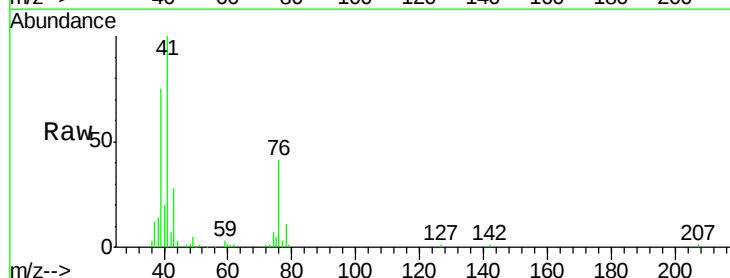
Tgt Ion: 41 Resp: 131250

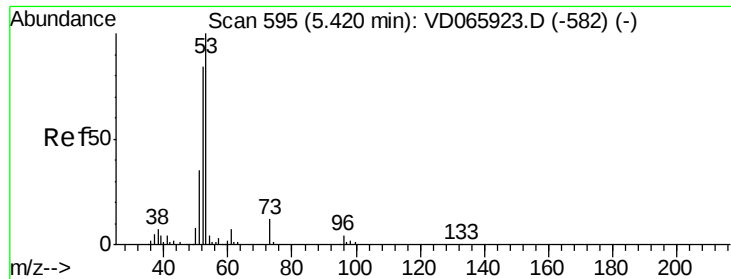
Ion Ratio Lower Upper

41 100

39 67.4 52.2 78.4

76 37.8 28.1 42.1





#15

Acrylonitrile

Concen: 94.502 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

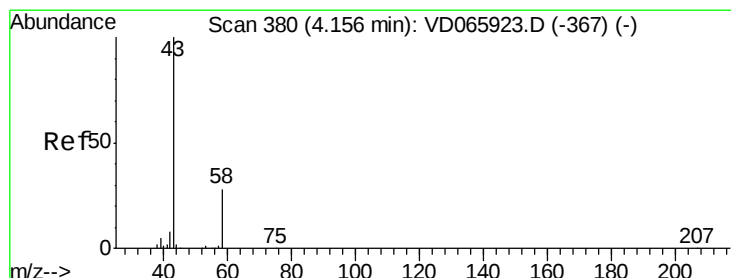
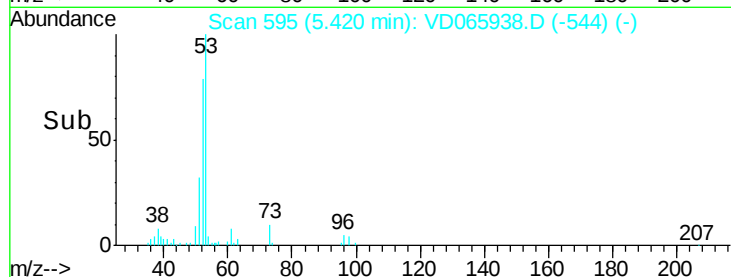
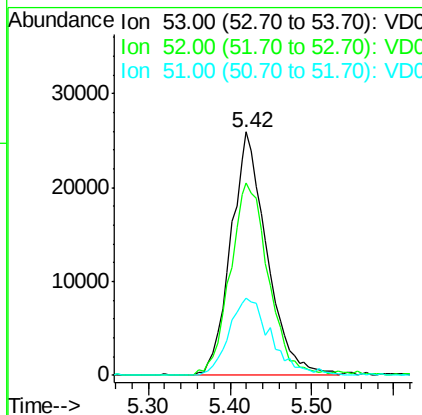
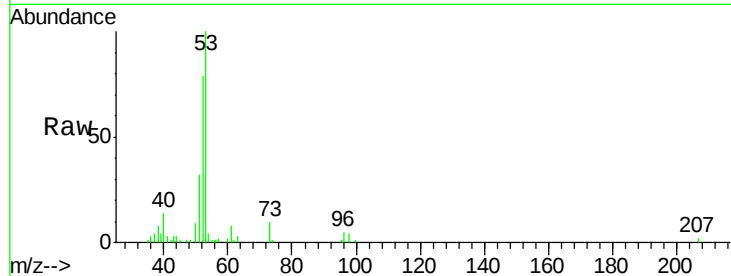
ClientSampleId :

VD0708SBS01

Tot Ion:	53	Resp:	79681
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.3	99.5
51	36.7	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 83.083 ug/l

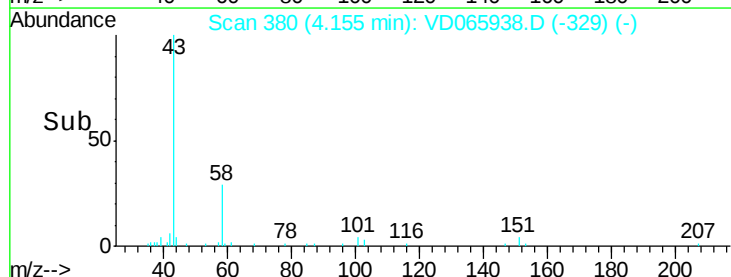
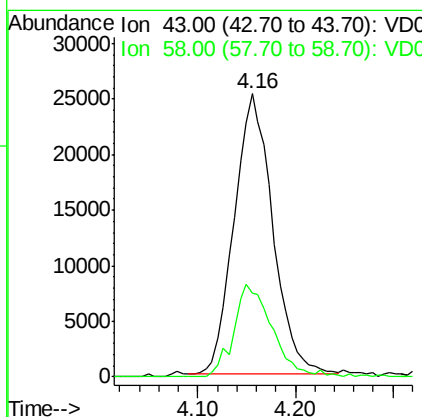
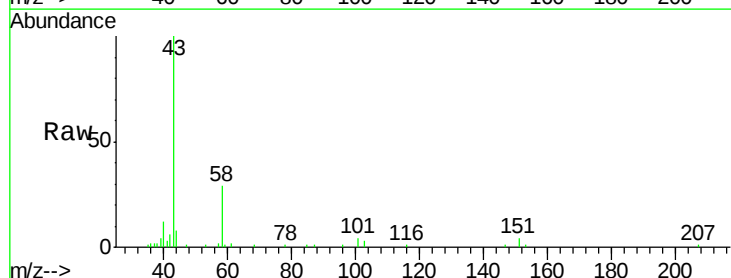
RT: 4.16 min Scan# 380

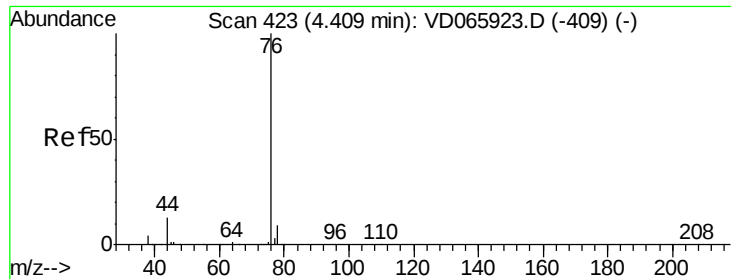
Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion:	43	Resp:	69844
Ion Ratio	Lower	Upper	
43	100		
58	29.6	22.7	34.1





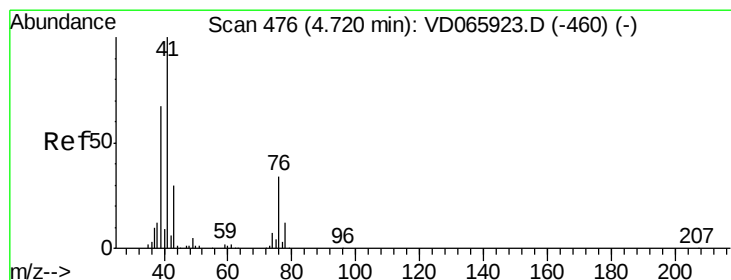
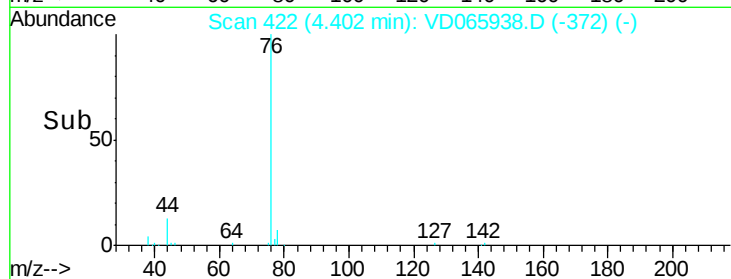
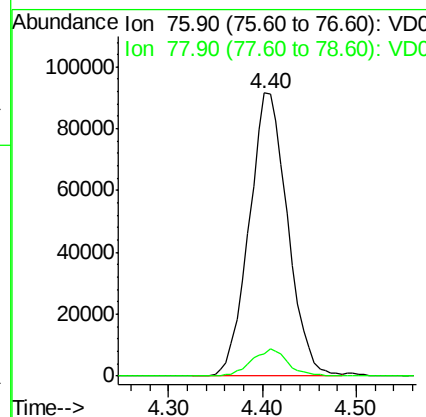
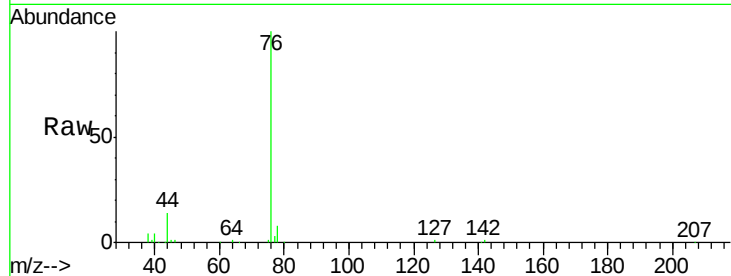
#17
Carbon Disulfide
Concen: 20.750 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	259350		
78	8.0		7.5	11.3

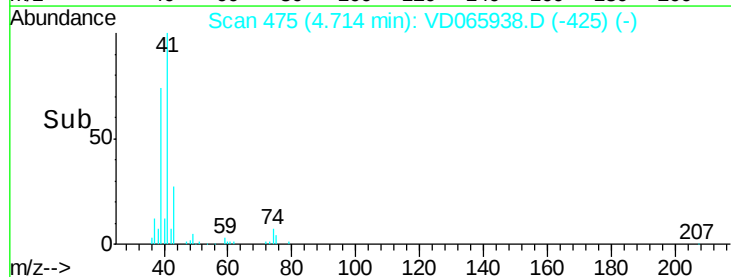
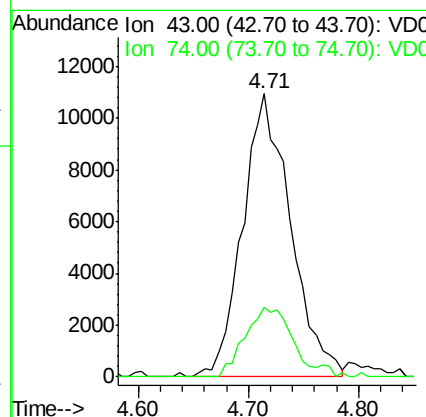
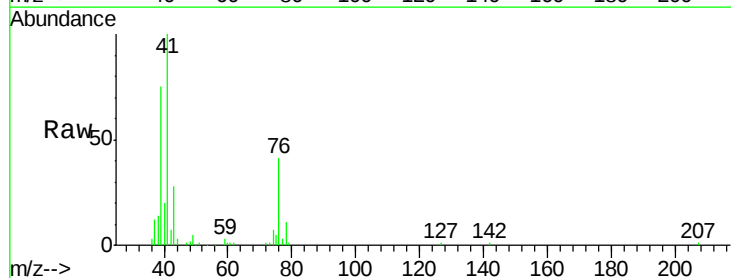
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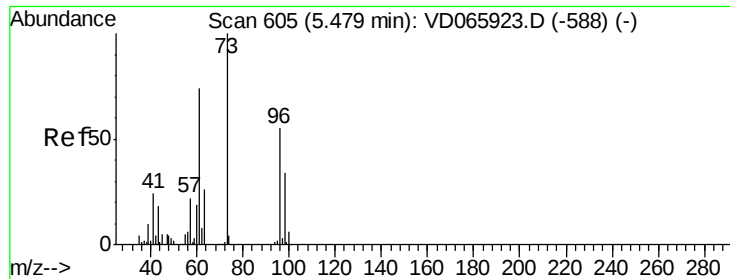
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#18
Methyl Acetate
Concen: 16.896 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	33294		
74	24.8		17.8	26.8





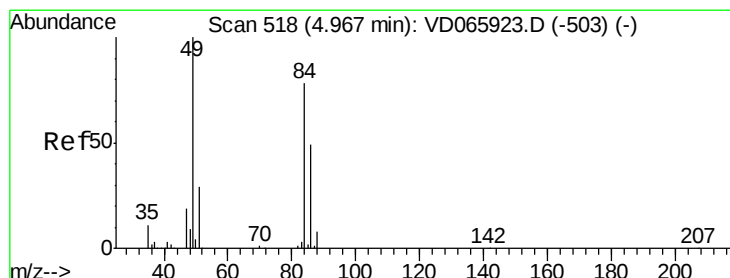
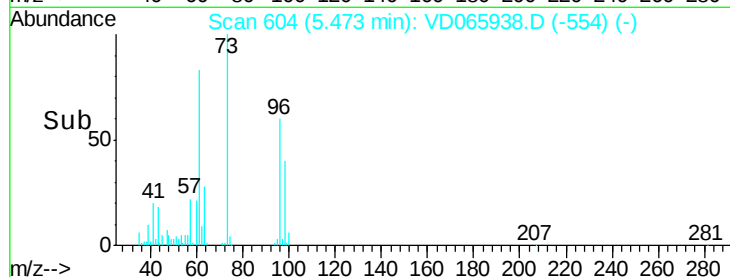
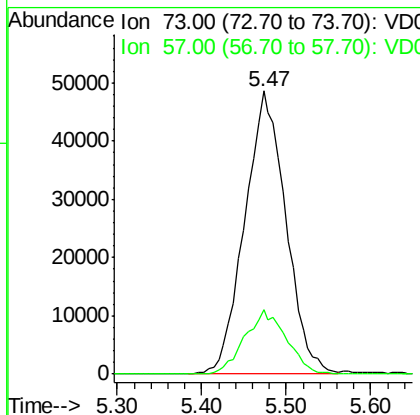
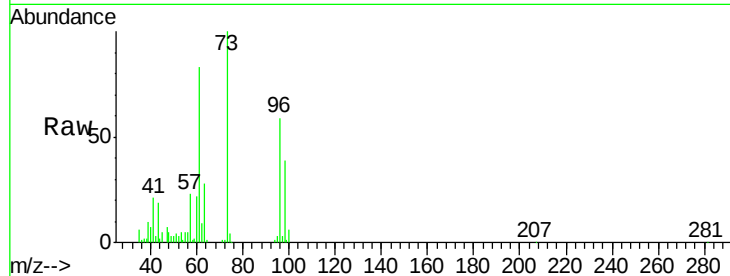
#19
Methvl tert-butvl Ether
Concen: 19.783 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion: 73 Resp: 164290
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

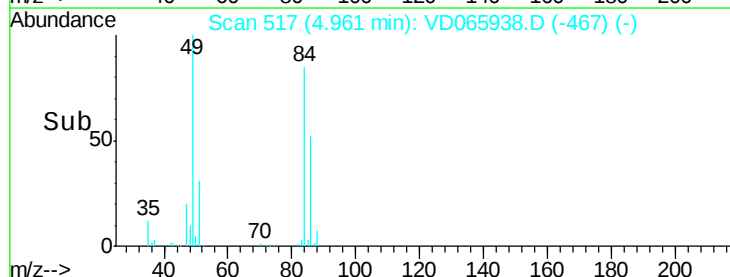
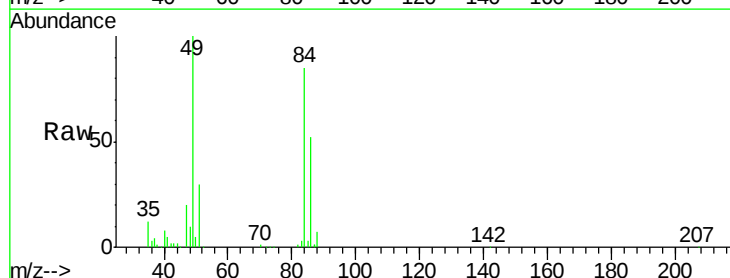
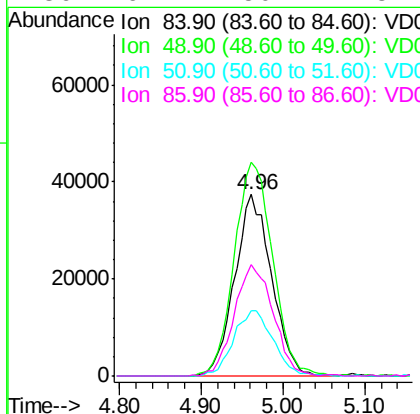
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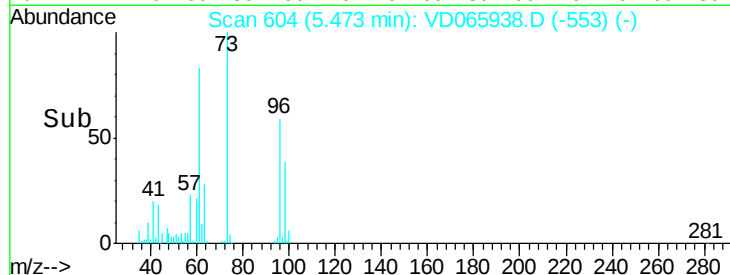
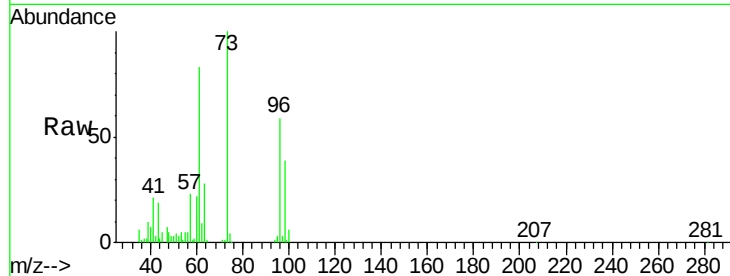
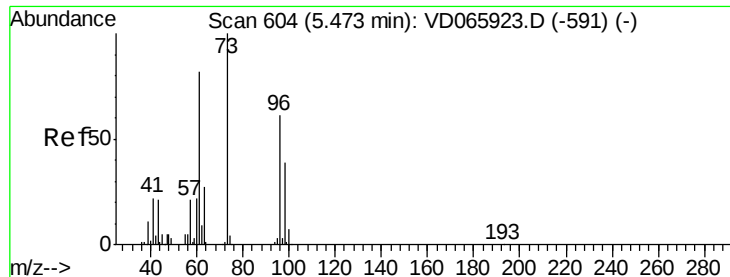
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#20
Methylene Chloride
Concen: 20.189 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 84 Resp: 117605
Ion Ratio Lower Upper
84 100
49 117.7 102.2 153.2
51 35.9 29.8 44.6
86 61.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.265 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tot Ion:	96	Resp:	89438
Ion	Ratio	Lower	Upper
96	100		
61	140.7	106.6	160.0
98	66.7	51.0	76.6

Instrument :

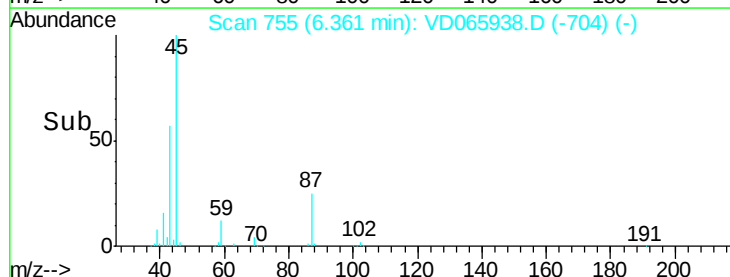
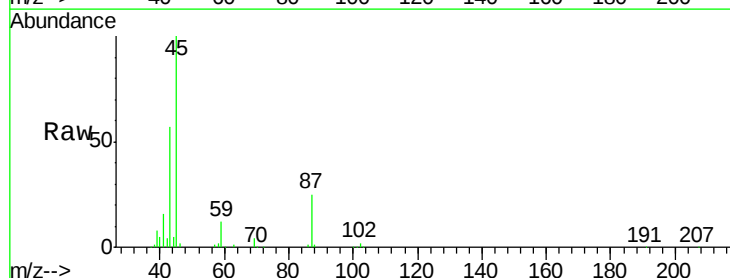
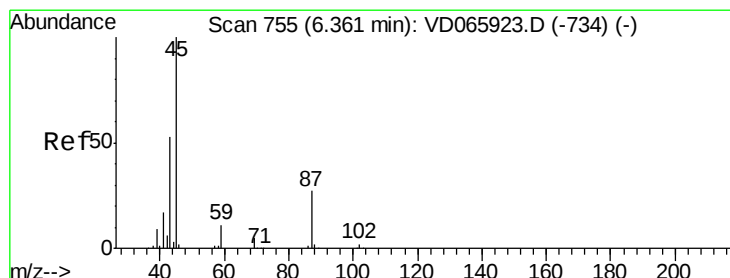
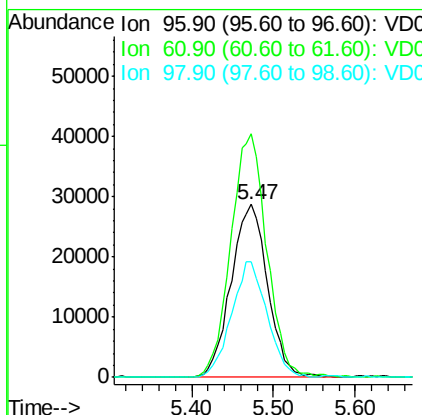
MSVOA_D

ClientSampleId :

VD0708SBS01

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#22

Diisopropyl ether

Concen: 20.356 ug/l

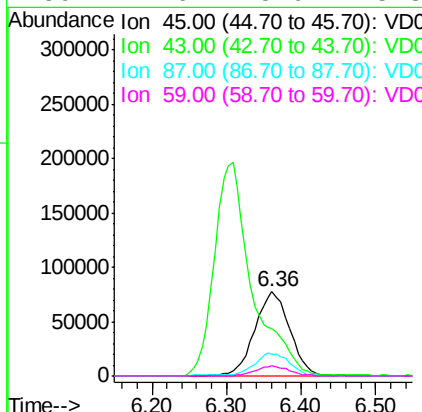
RT: 6.36 min Scan# 755

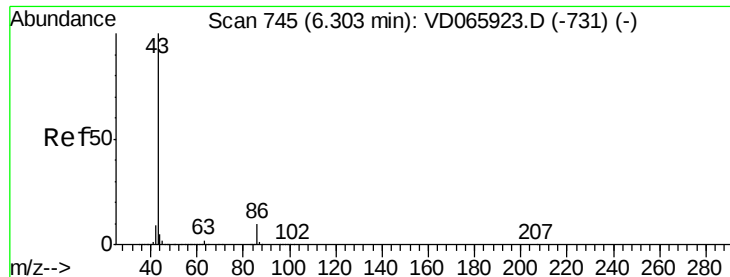
Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion:	45	Resp:	254294
Ion	Ratio	Lower	Upper
45	100		
43	55.1	42.5	63.7
87	25.1	22.2	33.2
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 97.329 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 43 Resp: 694019

Ion Ratio Lower Upper

43 100

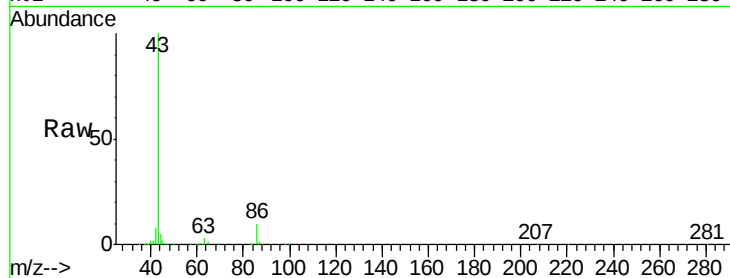
86 9.9 8.1 12.1

Manual Integrations

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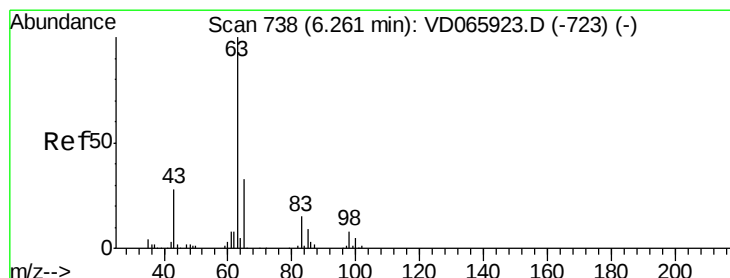
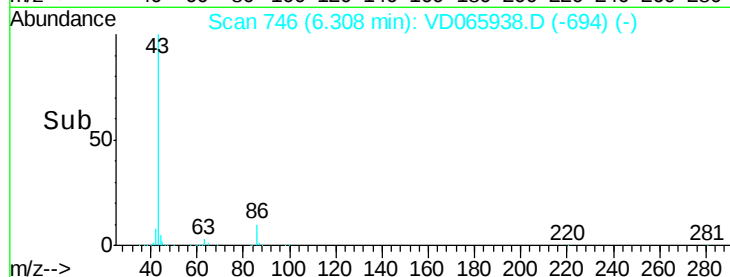
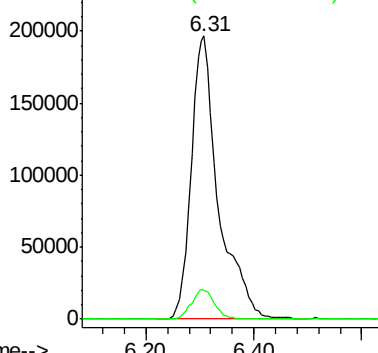
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.476 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

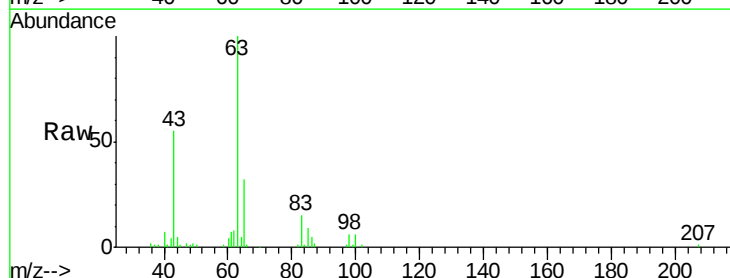
Tgt Ion: 63 Resp: 152528

Ion Ratio Lower Upper

63 100

98 5.9 3.8 11.4

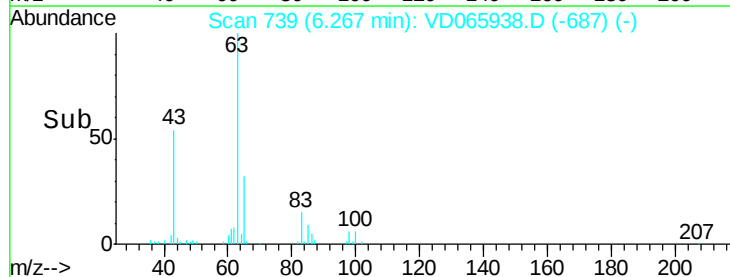
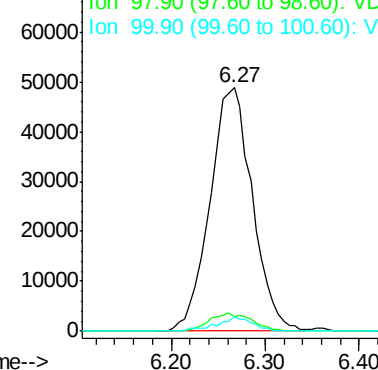
100 5.9 2.5 7.5

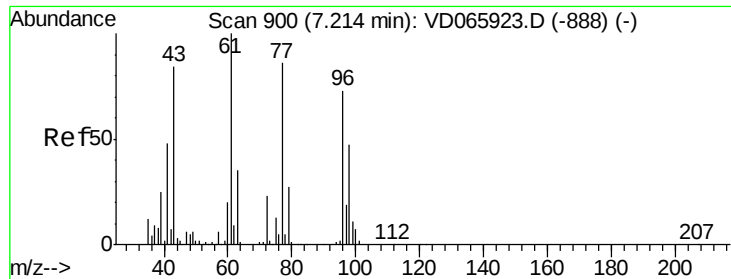


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 90.758 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 43 Resp: 100818

Ion Ratio Lower Upper

43 100

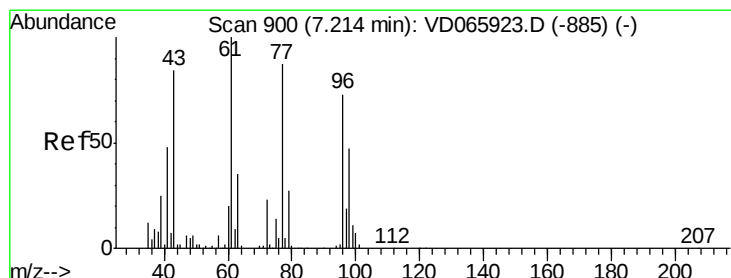
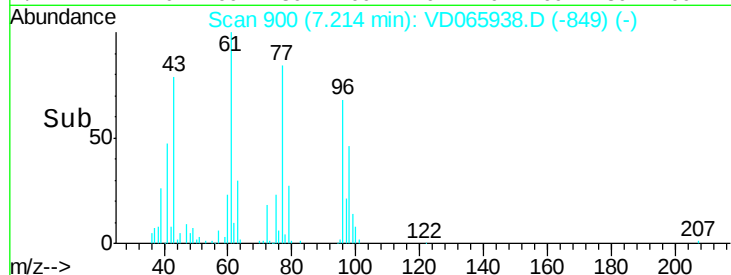
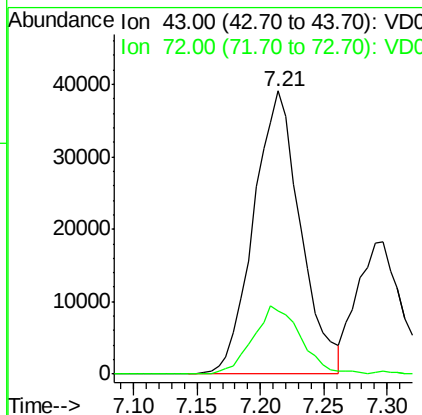
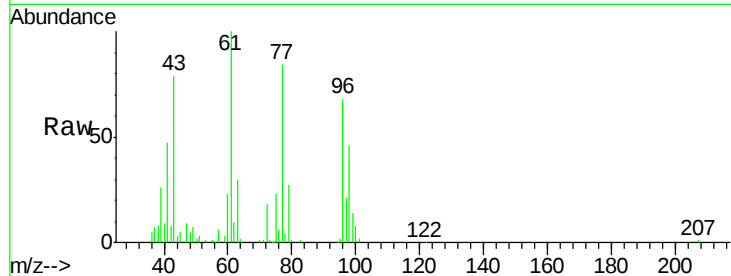
72 22.4 22.1 33.1

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7/9/2020 10:48:18 AM



#26

2,2-Dichloropropane

Concen: 19.806 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065938.D

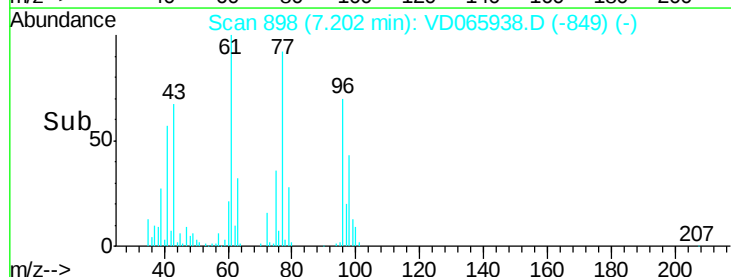
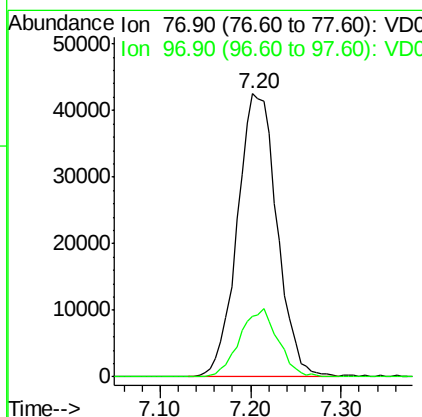
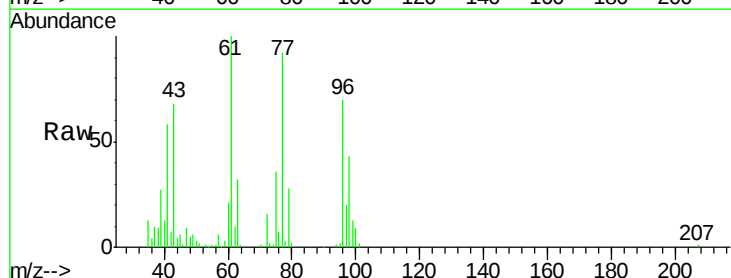
Acq: 08 Jul 2020 14:02

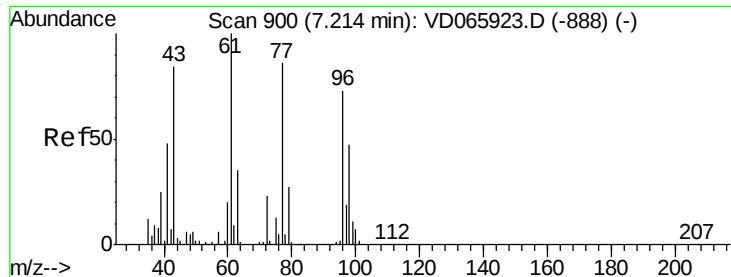
Tgt Ion: 77 Resp: 129066

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

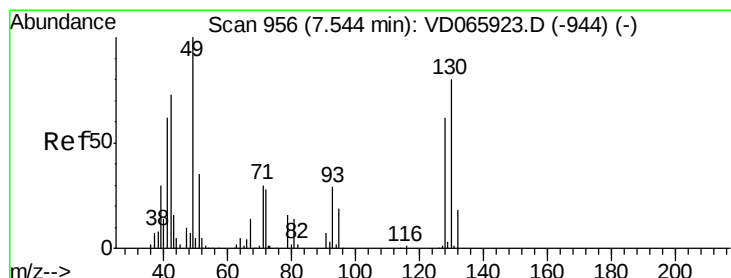
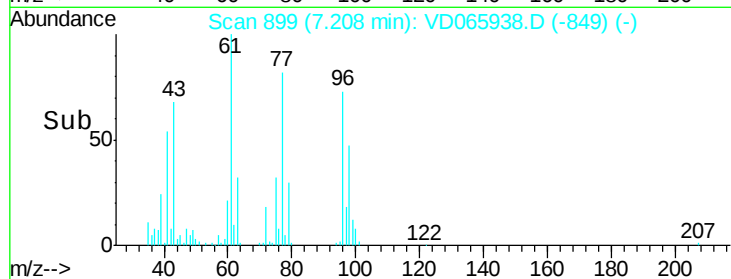
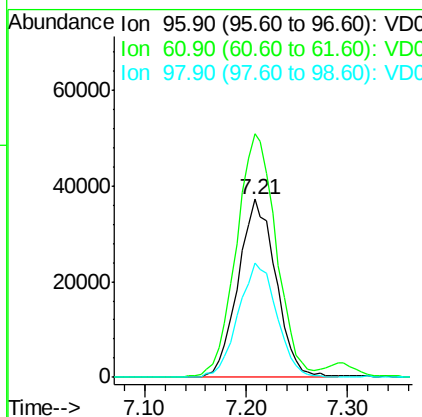
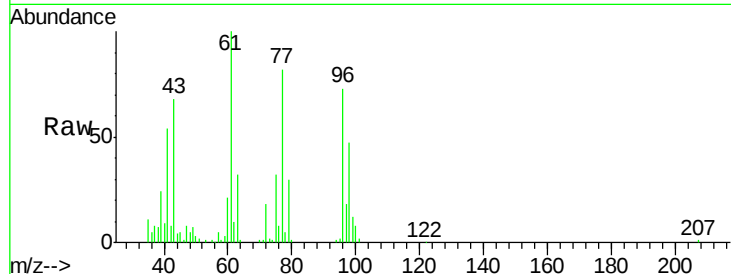
cis-1,2-Dichloroethene
 Concen: 20.358 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	286.6
98	65.5	0.0	128.2

Manual Integrations
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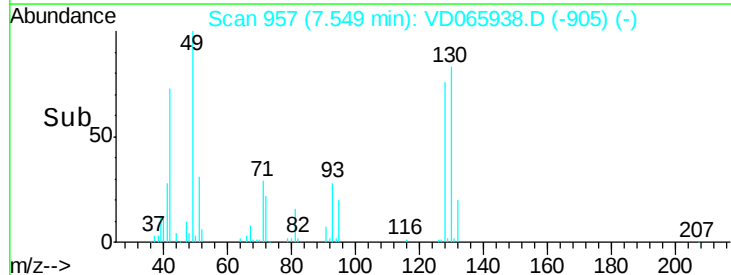
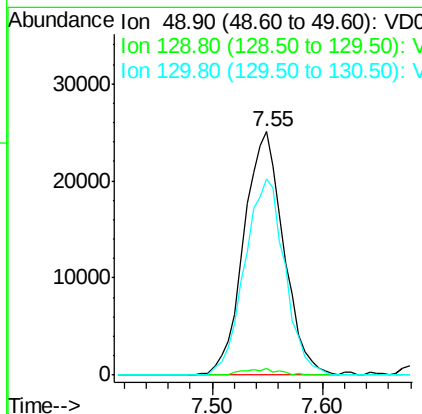
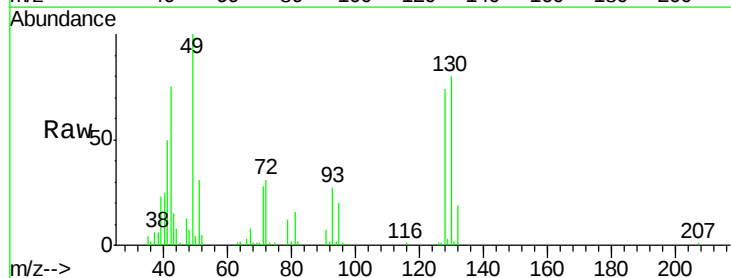
MMDadoda
 7/9/2020 10:48:18 AM

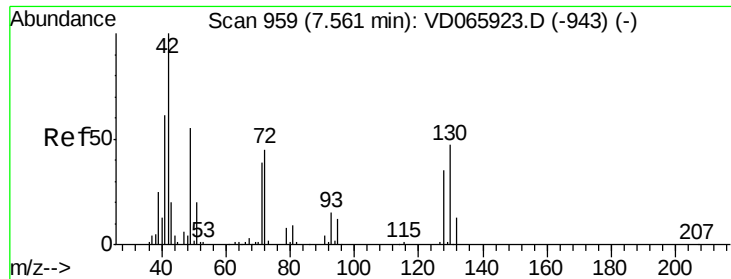


#28

Bromochloromethane
 Concen: 22.536 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	81.4	65.8	98.8





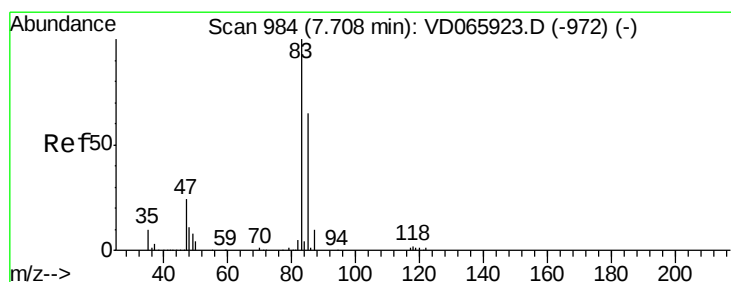
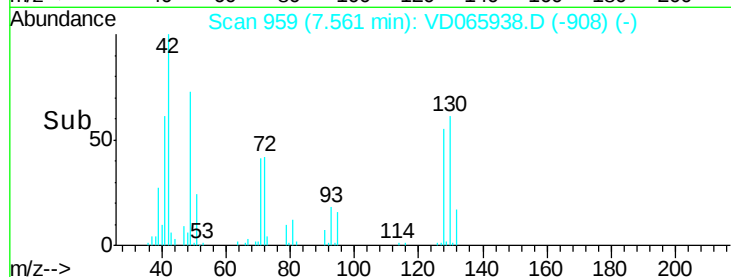
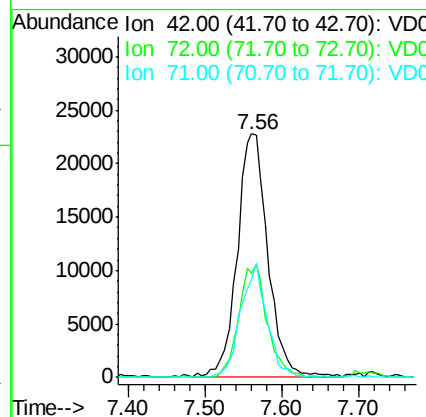
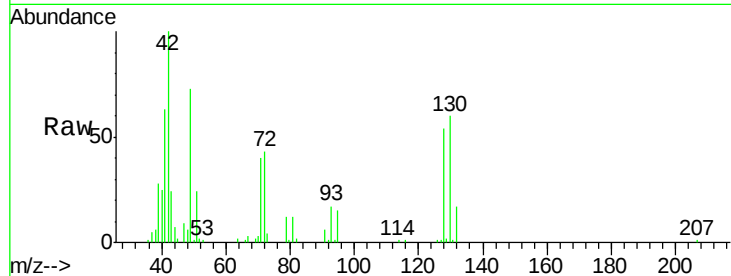
#29
Tetrahydrofuran
Concen: 90.002 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	32.8	49.2
71	40.0	31.0	46.4

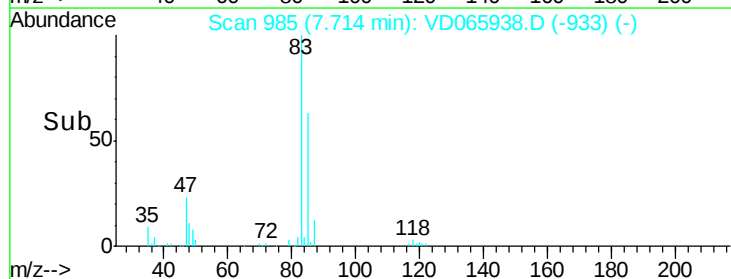
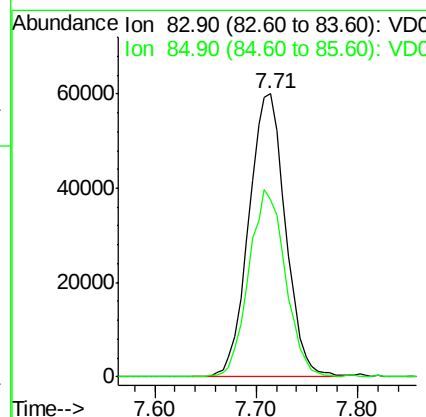
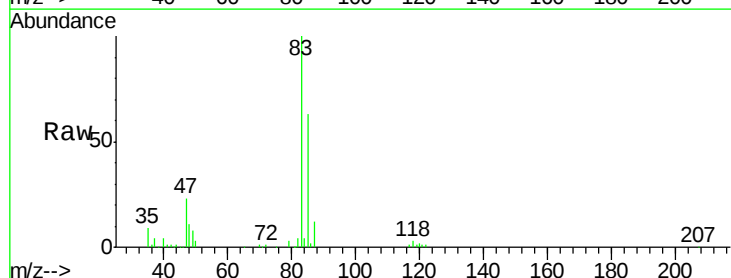
Manual Integrations
APPROVED

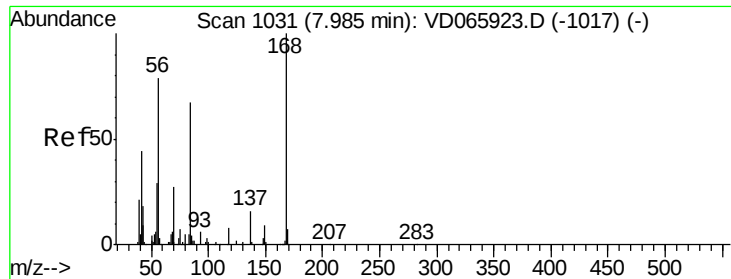
MMDadoda
7/9/2020 10:48:18 AM



#30
Chloroform
Concen: 19.912 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.6	77.4





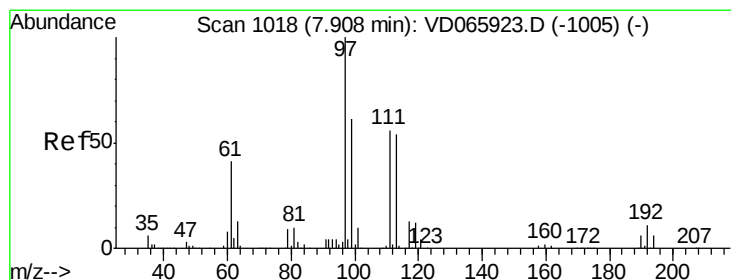
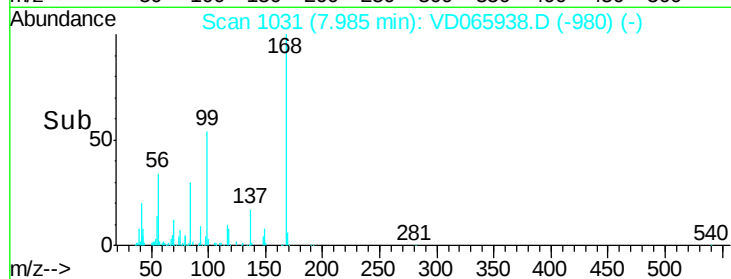
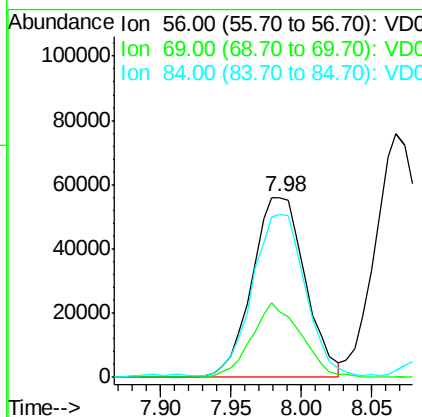
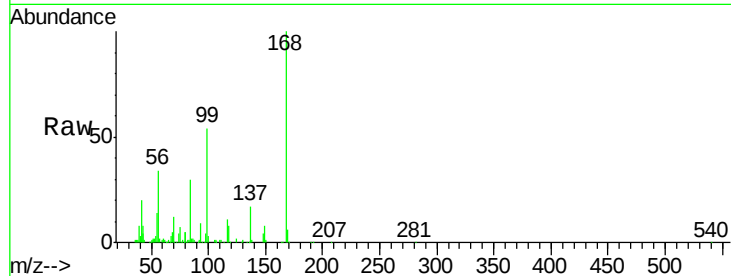
#31
Cvclohexane
Concen: 20.176 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	56	69	84
Resp	147878		
Ratio	100	36.5	89.4
Lower		27.4	68.6
Upper		41.0	102.8

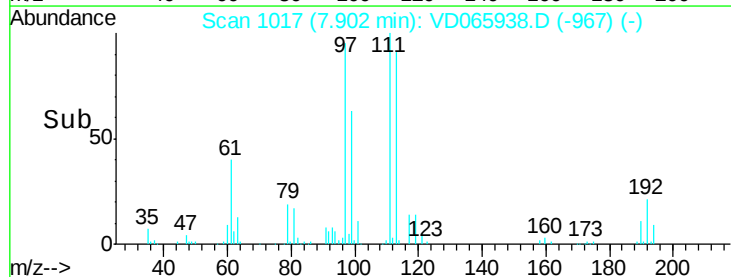
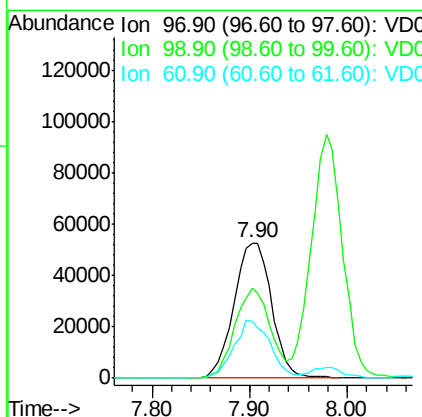
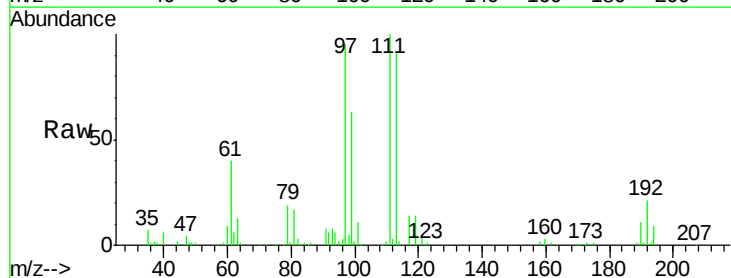
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APPROVED

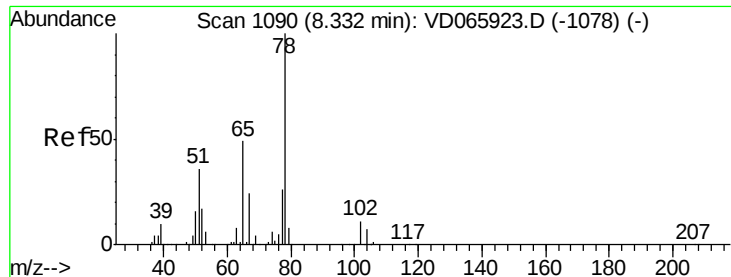
MMDadoda
7/9/2020 10:48:18 AM



#32
1,1,1-Trichloroethane
Concen: 20.612 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	97	99	61
Resp	142048		
Ratio	100	62.8	41.3
Lower		51.6	33.6
Upper		77.4	50.4





#33

1,2-Dichloroethane-d4

Concen: 46.067 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 65 Resp: 165242

Ion Ratio Lower Upper

65 100

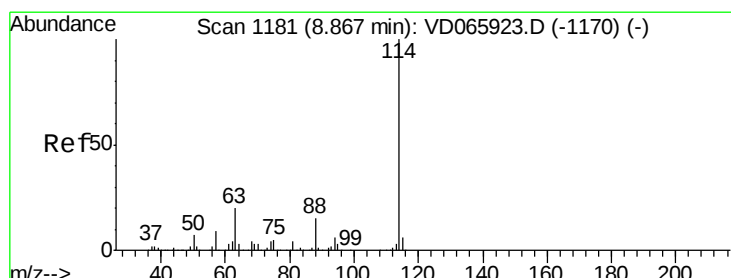
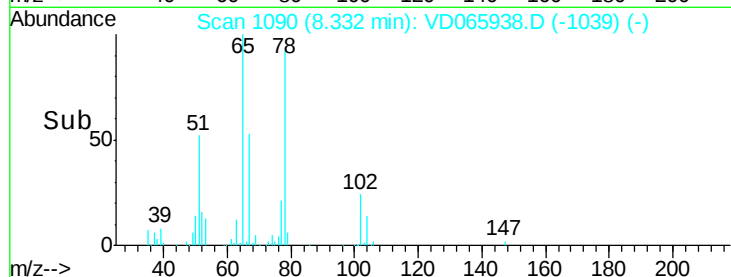
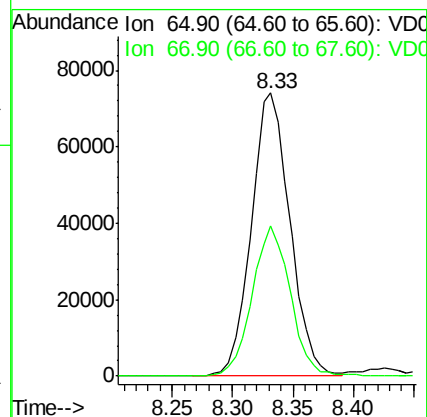
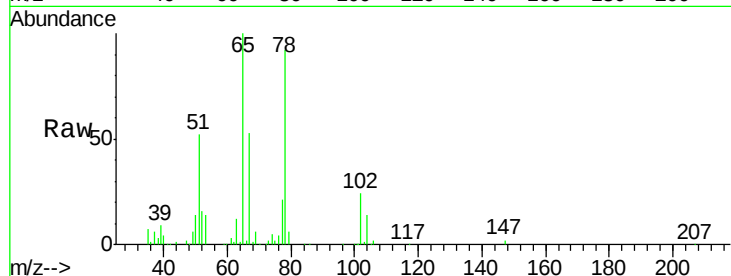
67 52.4 0.0 105.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

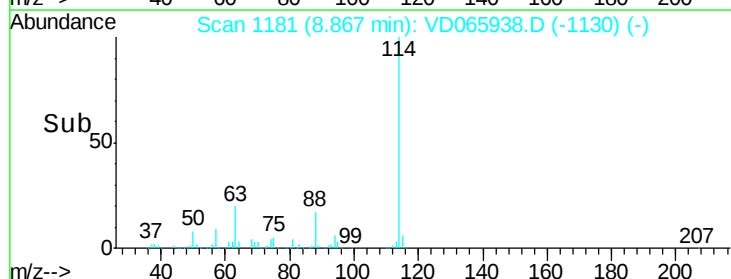
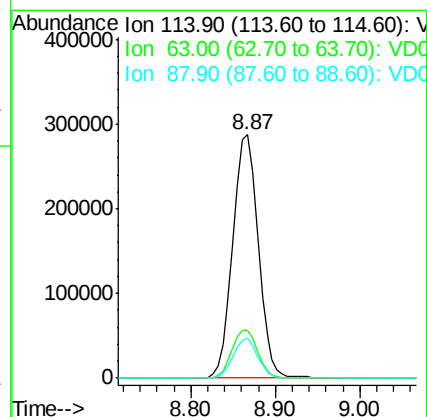
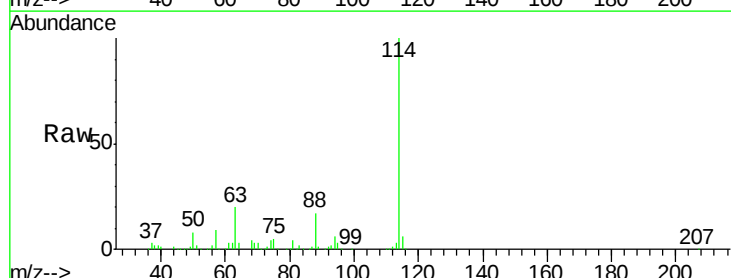
Tgt Ion: 114 Resp: 597939

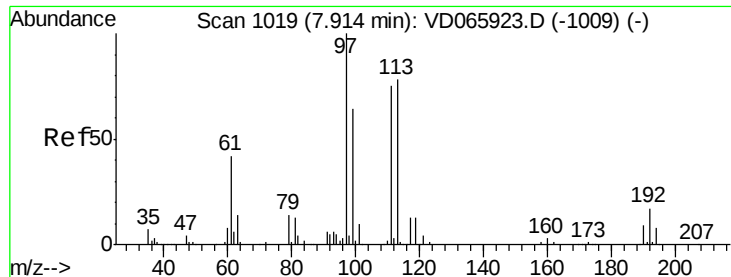
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 16.7 0.0 30.0





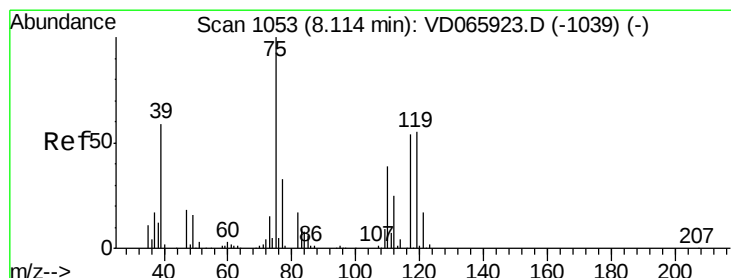
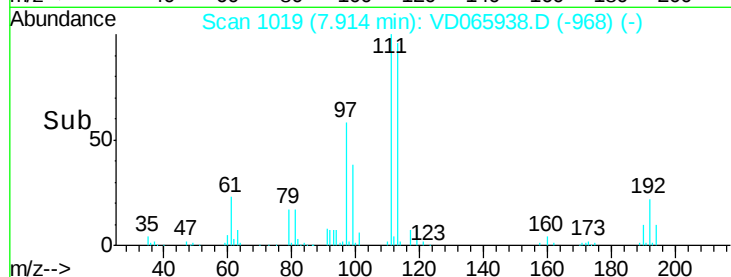
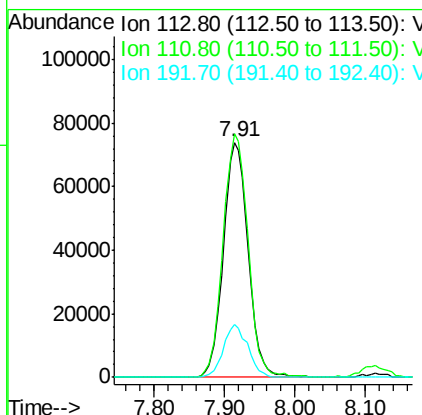
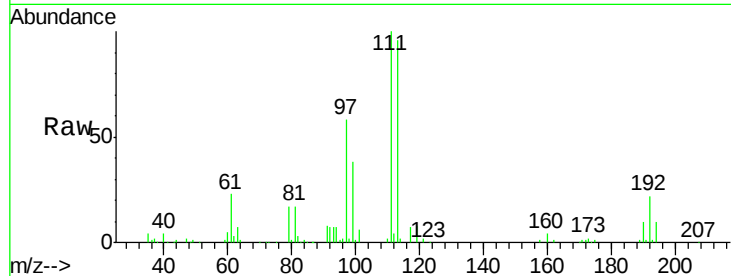
#35
 Dibromofluoromethane
 Concen: 48.607 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179294		
111	104.9	80.9	121.3	
192	22.2	17.1	25.7	

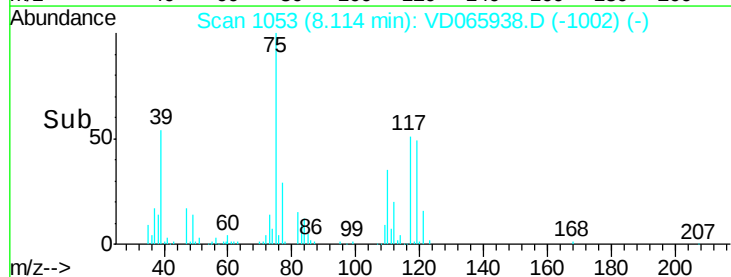
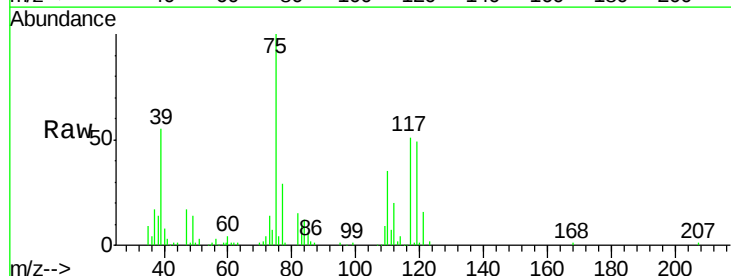
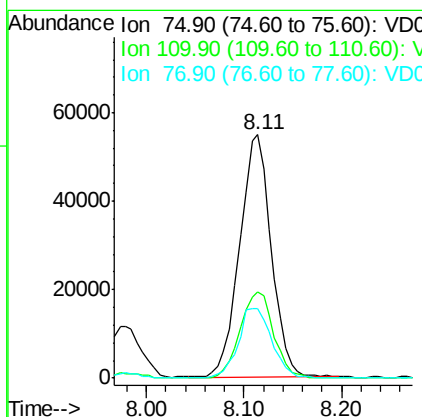
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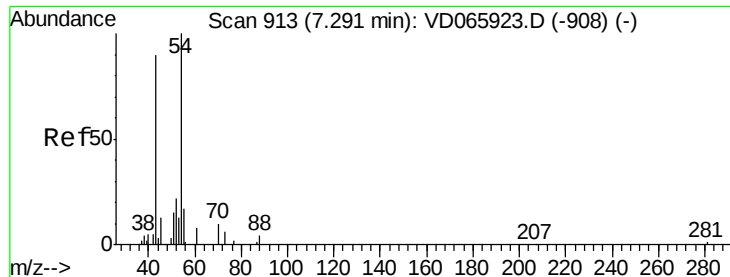
MMDadoda
 7/9/2020 10:48:18 AM



#36
 1,1-Dichloropropene
 Concen: 21.097 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124586		
110	37.5	18.5	55.5	
77	30.5	25.6	38.4	





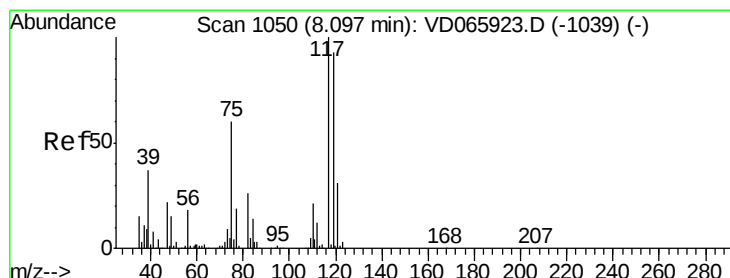
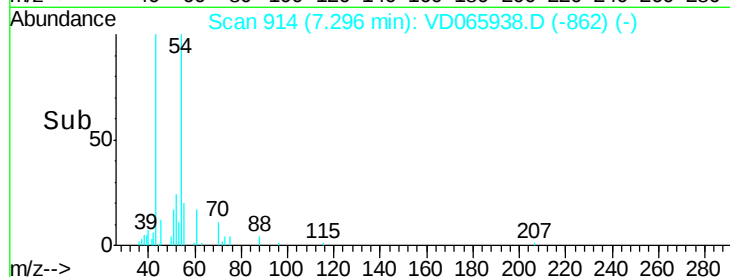
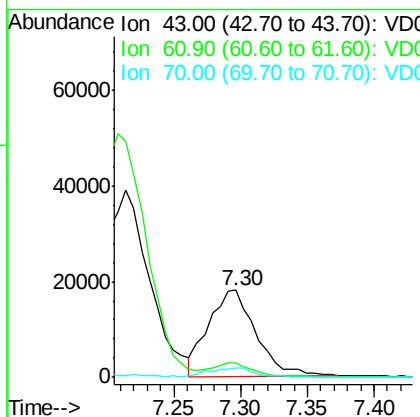
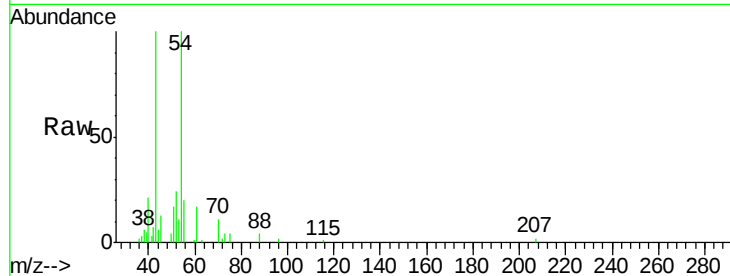
#37
Ethyl Acetate
Concen: 18.232 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	9.4	14.0#
70	10.9	8.3	12.5

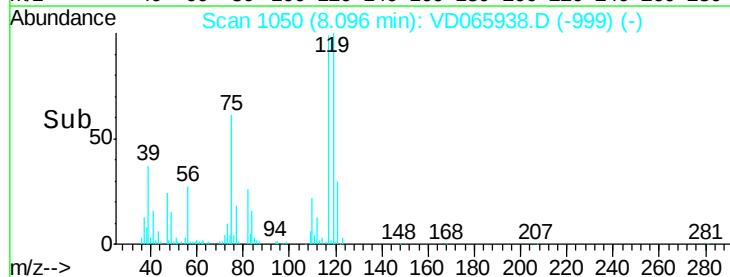
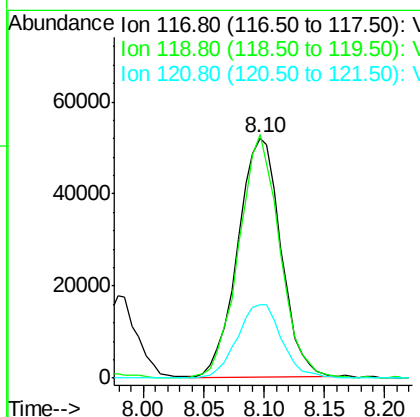
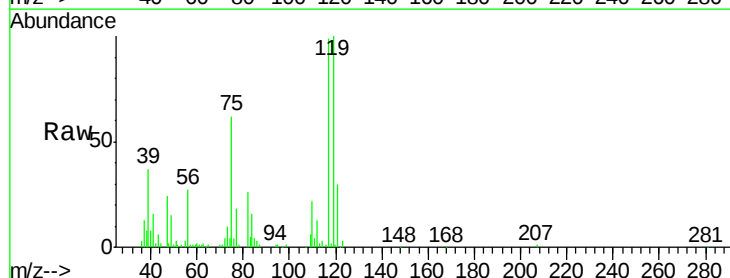
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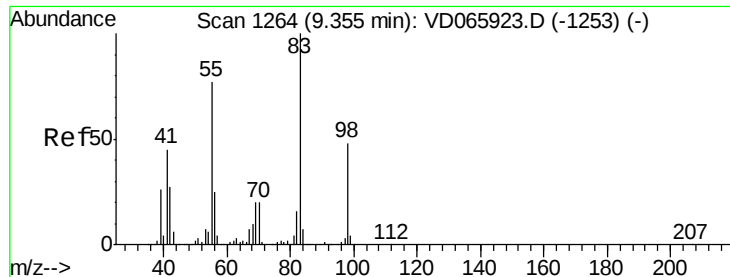
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#38
Carbon Tetrachloride
Concen: 20.432 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.7	74.7	112.1
121	30.9	24.9	37.3





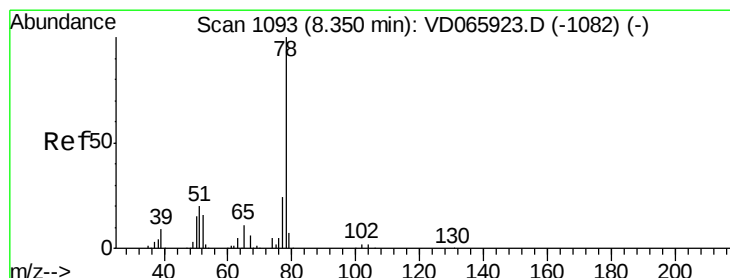
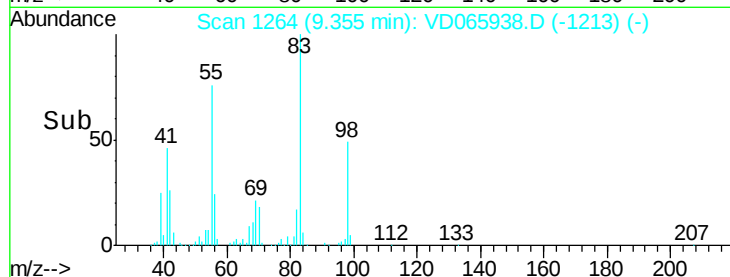
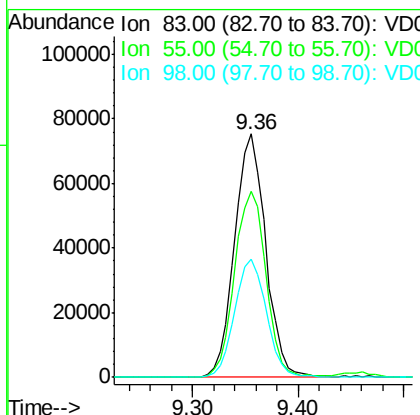
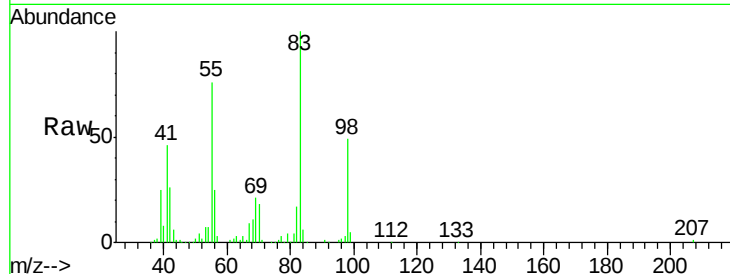
#39
Methvlcvclohexane
Concen: 21.210 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.7	92.5
98	48.6	38.6	58.0

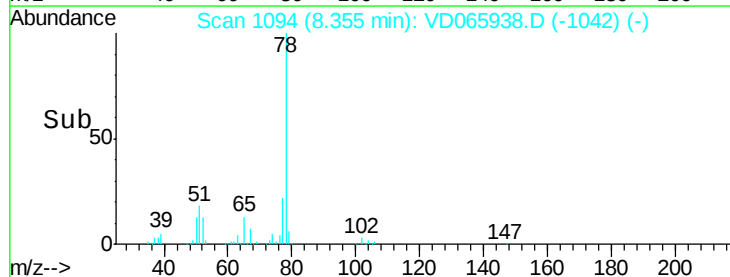
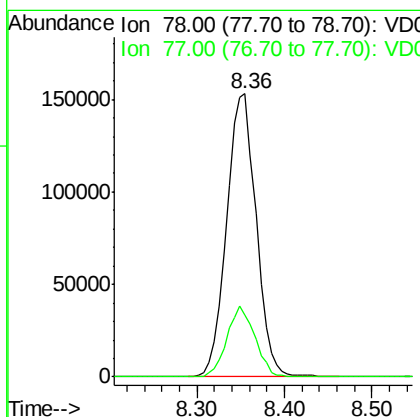
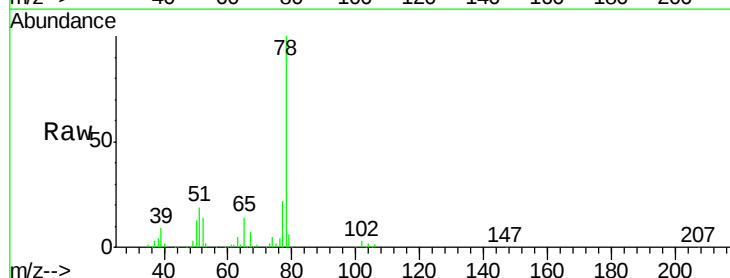
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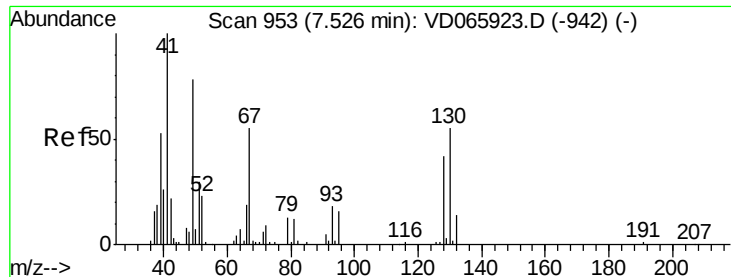
MMDadoda
7/9/2020 10:48:18 AM



#40
Benzene
Concen: 21.535 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.4	29.0





#41

Methacrylonitrile

Concen: 19.091 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 41 Resp: 27427

Ion Ratio Lower Upper

41 100

39 68.5 42.4 63.6#

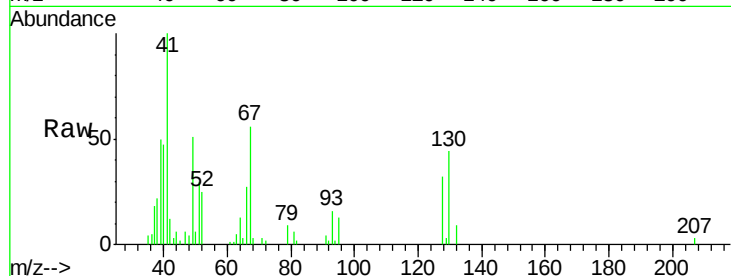
67 69.1 53.6 80.4

52 31.6 22.2 33.2

Manual Integrations
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MMDadoda

7/9/2020 10:48:18 AM

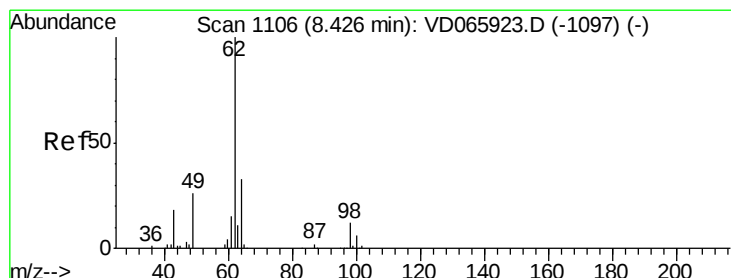
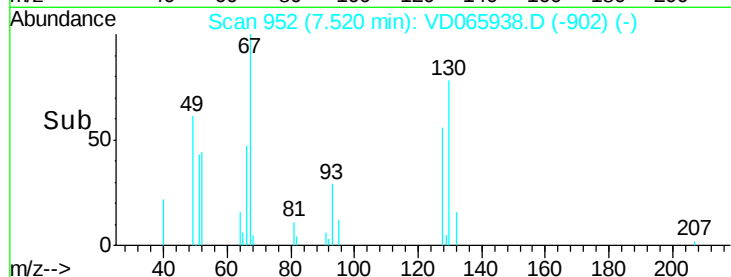
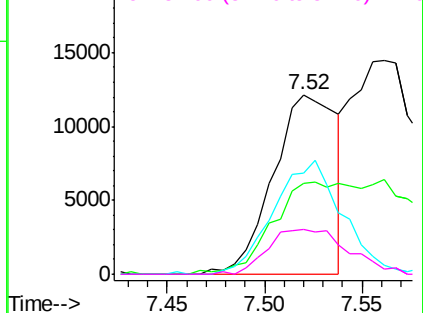


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.293 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065938.D

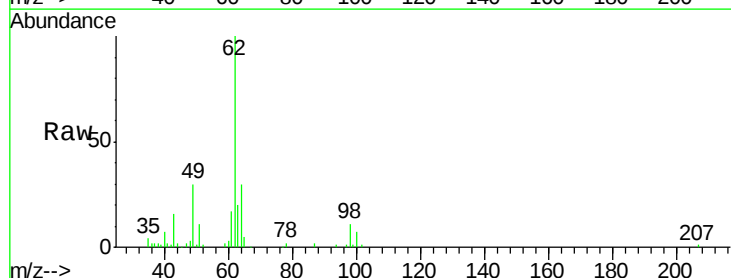
Acq: 08 Jul 2020 14:02

Tgt Ion: 62 Resp: 93790

Ion Ratio Lower Upper

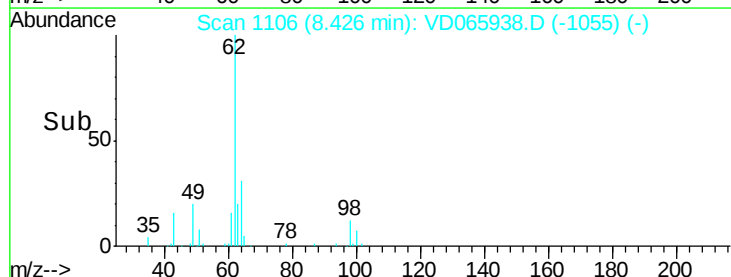
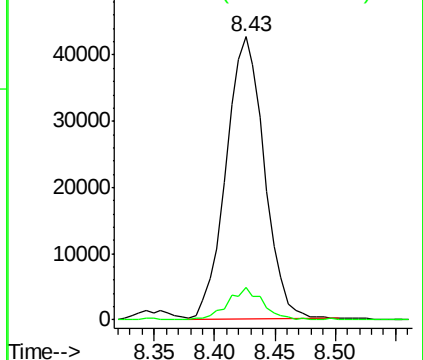
62 100

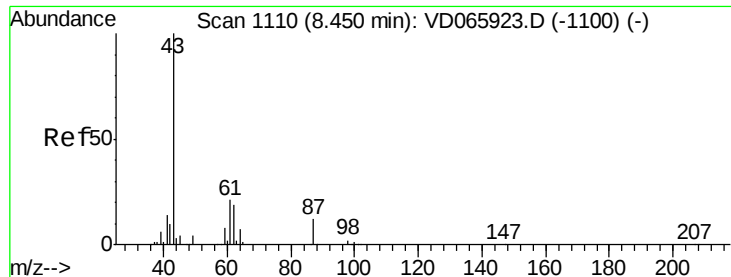
98 10.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.339 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

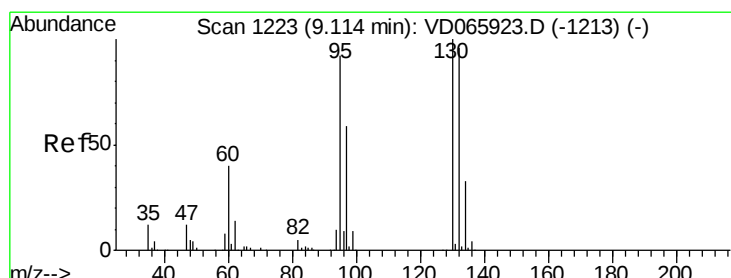
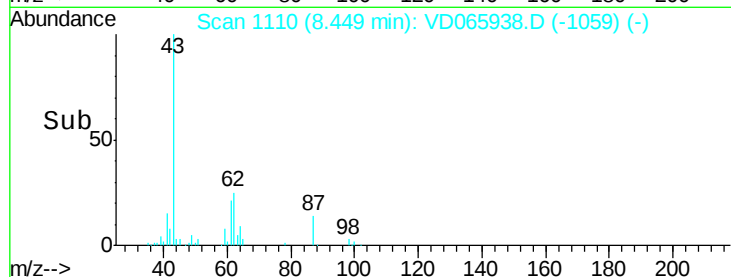
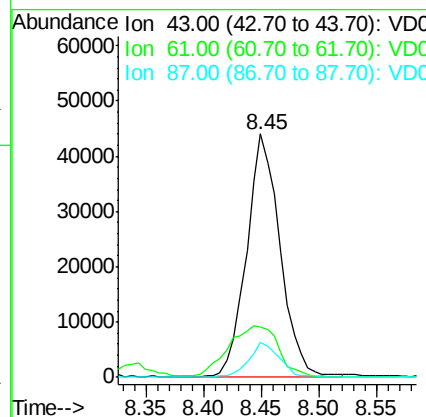
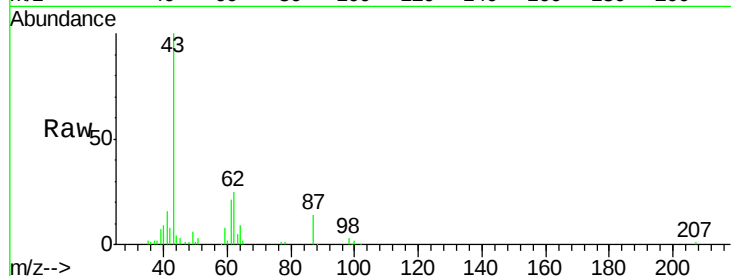
ClientSampleId :

VD0708SBS01

Tot Ion:	43	Resp:	89072
Ion Ratio	Lower	Upper	
43	100		
61	31.9	23.2	34.8
87	13.1	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 21.010 ug/l

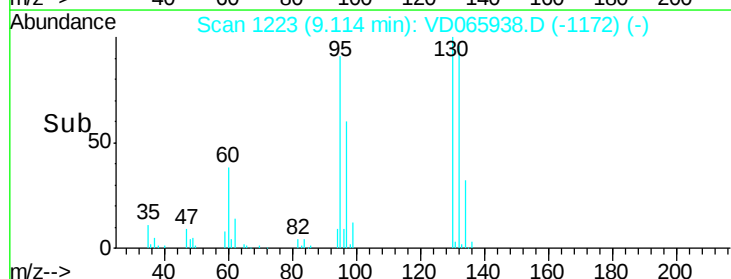
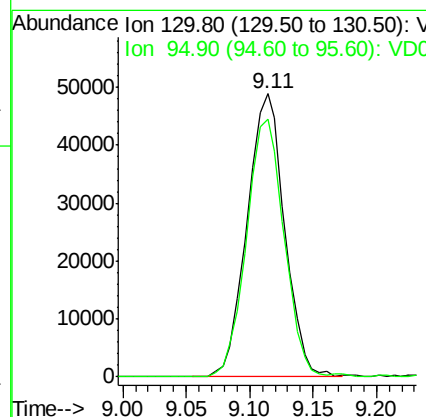
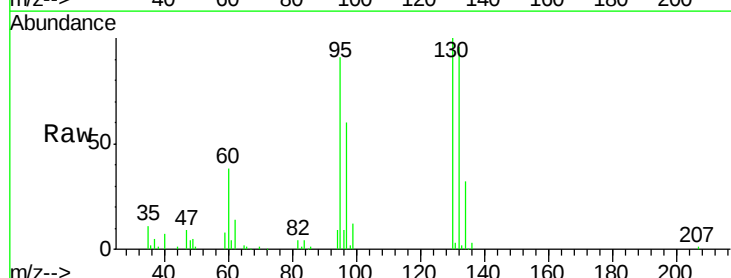
RT: 9.11 min Scan# 1223

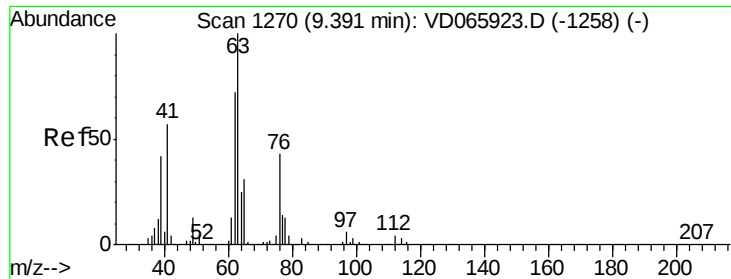
Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion:	130	Resp:	100714
Ion Ratio	Lower	Upper	
130	100		
95	90.9	0.0	184.6





#45

1,2-Dichloropropane

Concen: 20.998 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 63 Resp: 85027

Ion Ratio Lower Upper

63 100

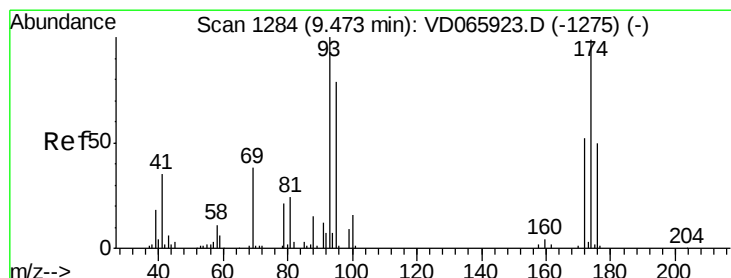
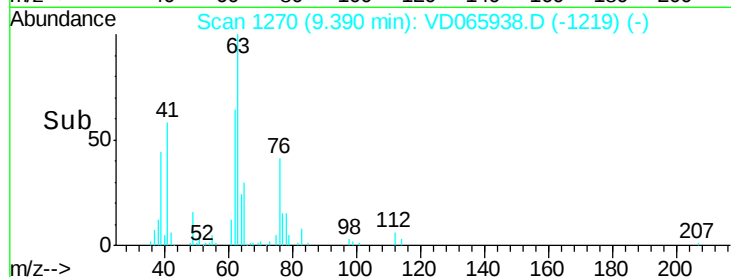
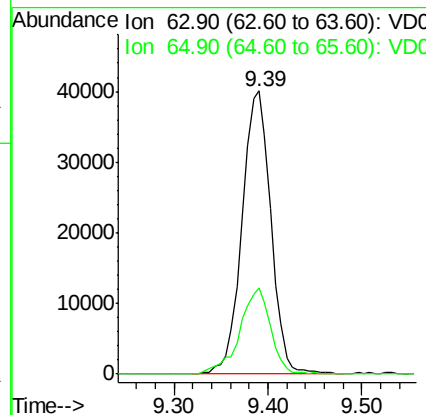
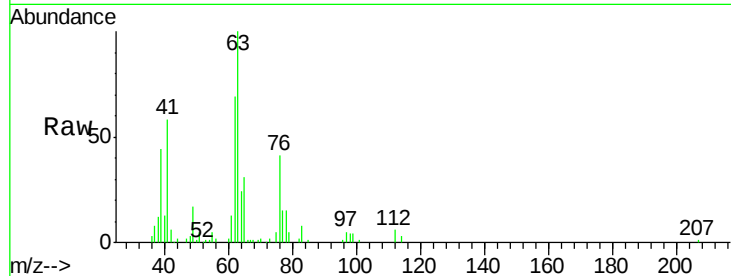
65 30.5 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.979 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

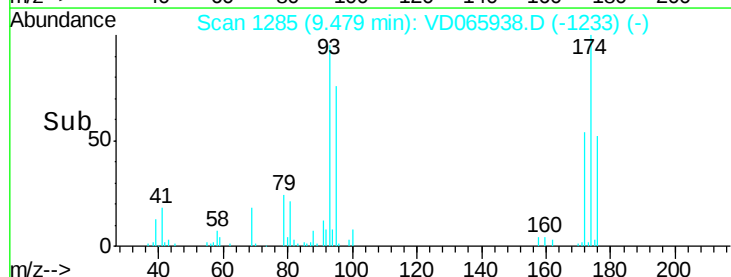
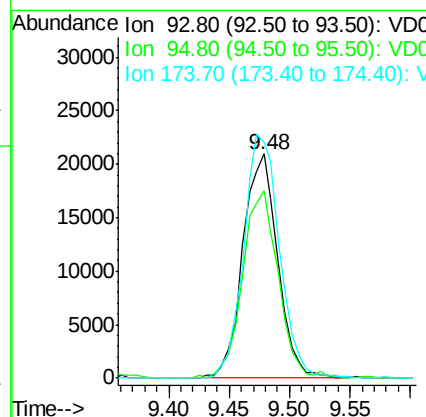
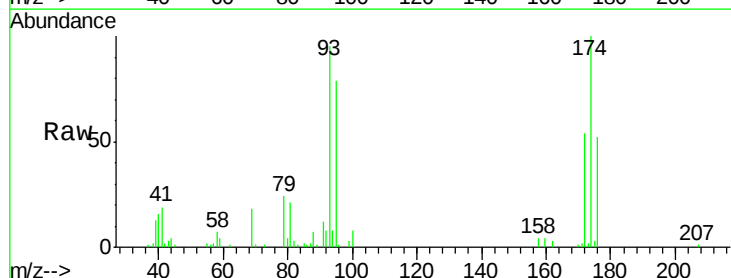
Tgt Ion: 93 Resp: 42119

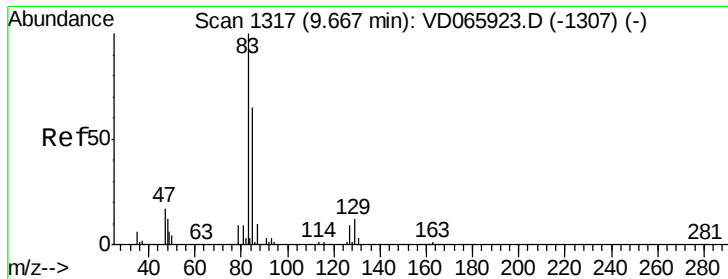
Ion Ratio Lower Upper

93 100

95 84.8 68.2 102.2

174 111.6 88.0 132.0





#47

Bromodichloromethane

Concen: 20.951 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

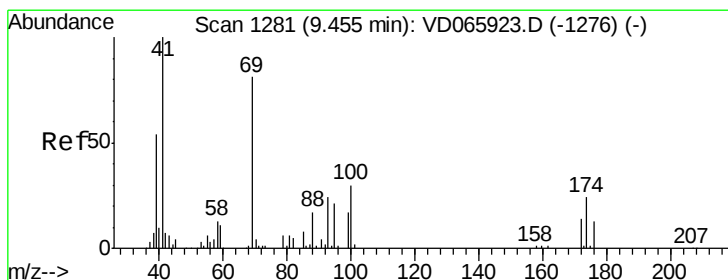
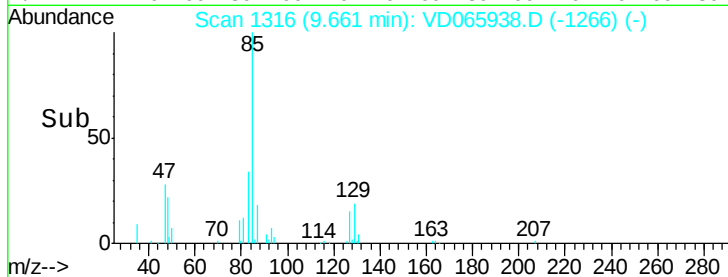
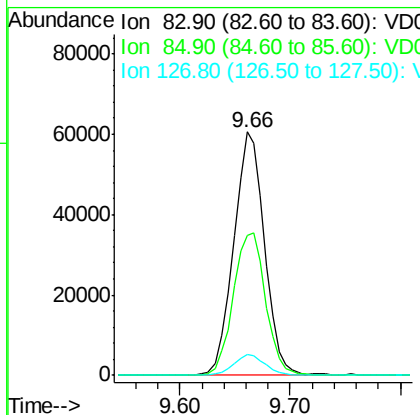
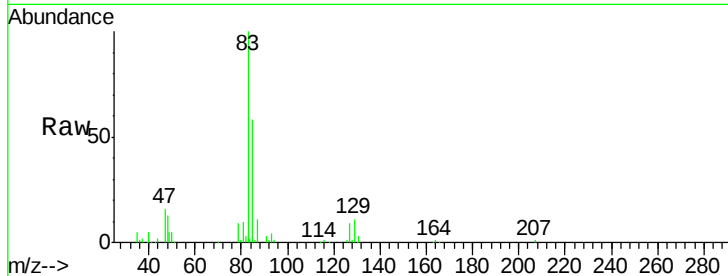
ClientSampleId :

VD0708SBS01

Tot Ion:	83	Resp:	118479
Ion	Ratio	Lower	Upper
83	100		
85	57.6	51.6	77.4
127	8.6	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.524 ug/l

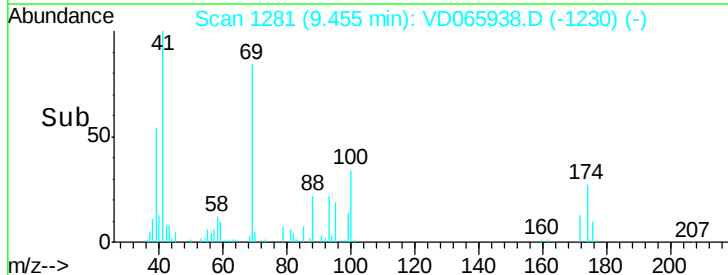
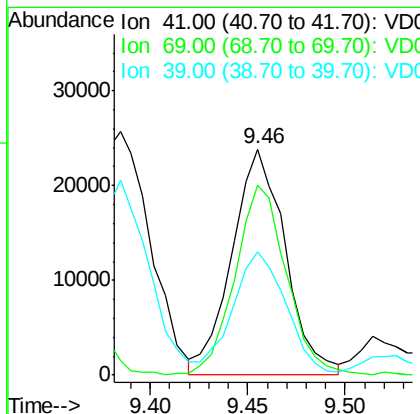
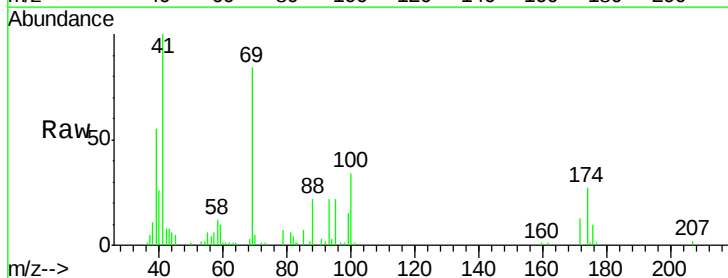
RT: 9.46 min Scan# 1281

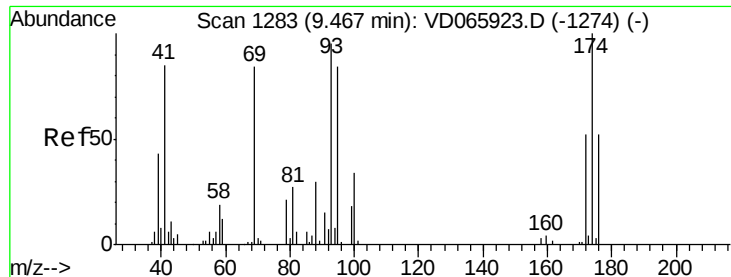
Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion:	41	Resp:	45270
Ion	Ratio	Lower	Upper
41	100		
69	81.1	62.2	93.4
39	52.1	39.9	59.9





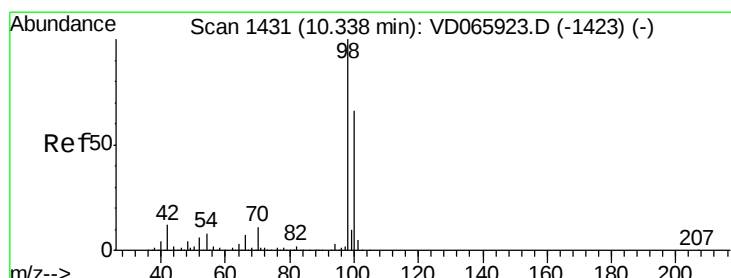
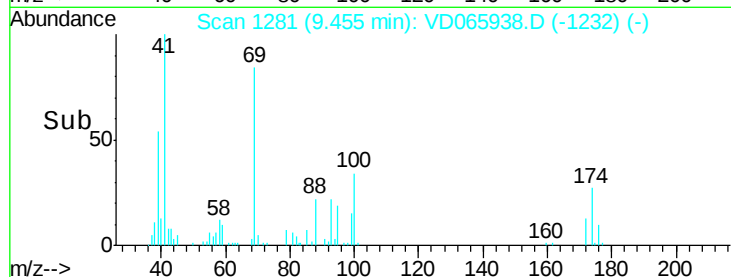
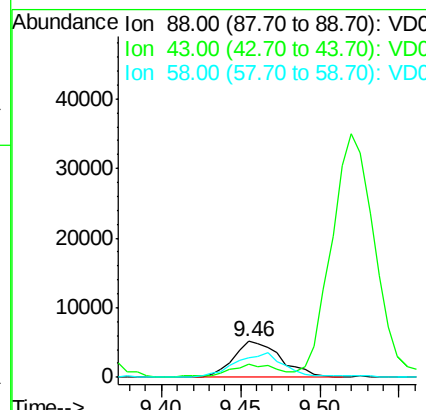
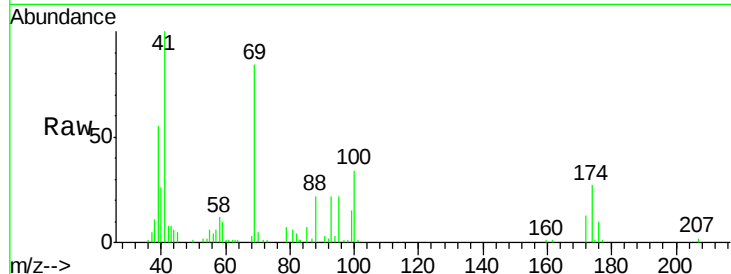
#49
1,4-Dioxane
Concen: 431.035 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.2	42.4
58	69.1	58.6	87.8

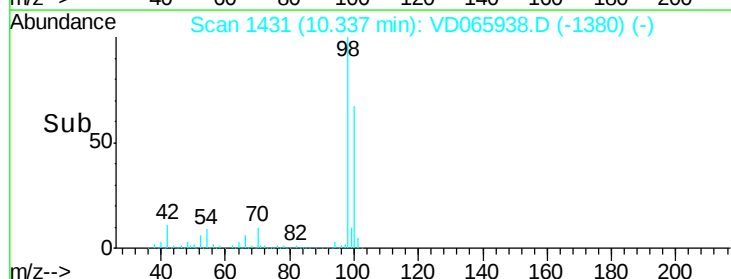
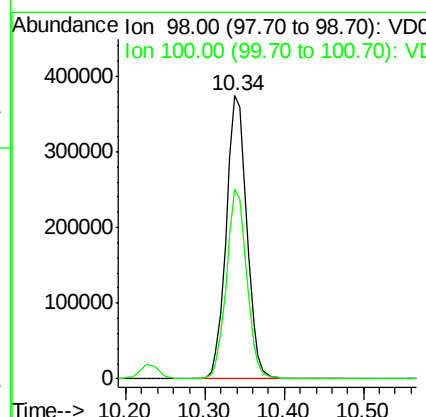
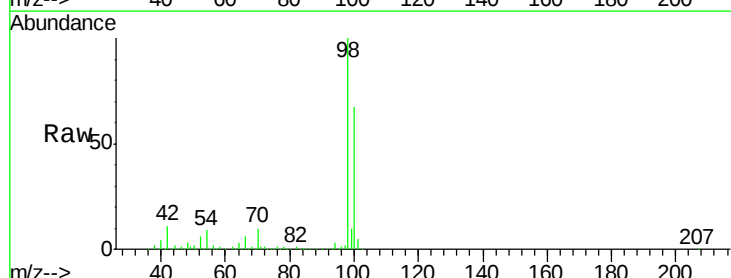
Manual Integrations
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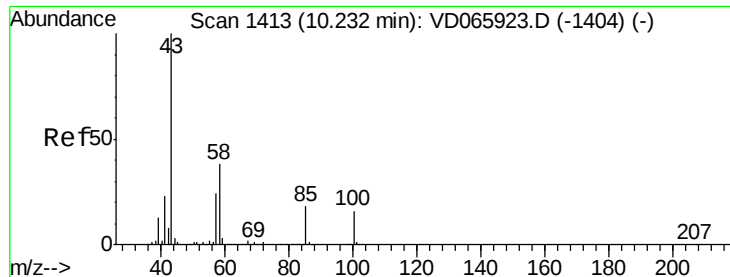
MMDadoda
7/9/2020 10:48:18 AM



#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 95.893 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 43 Resp: 223290

Ion Ratio Lower Upper

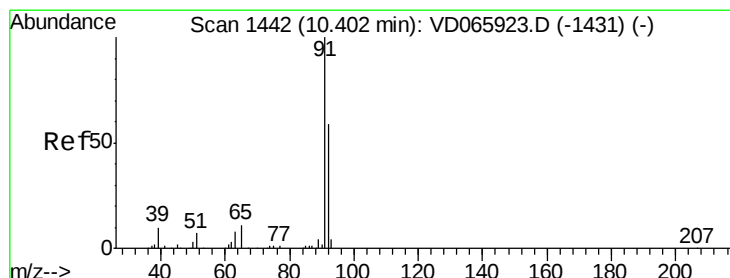
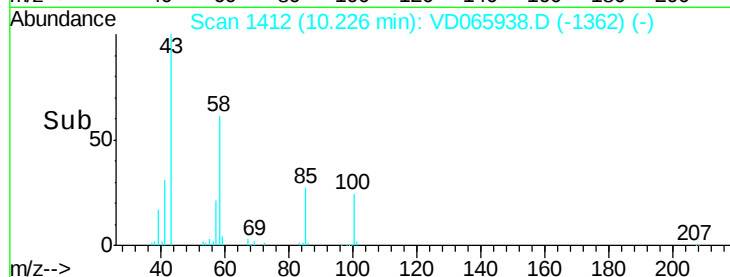
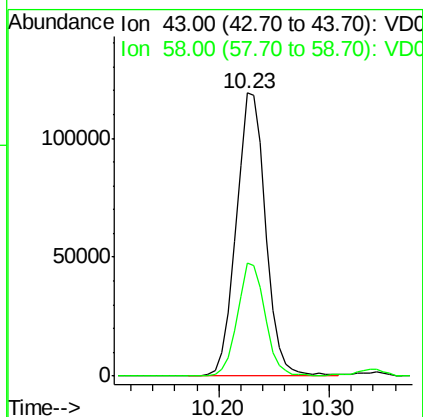
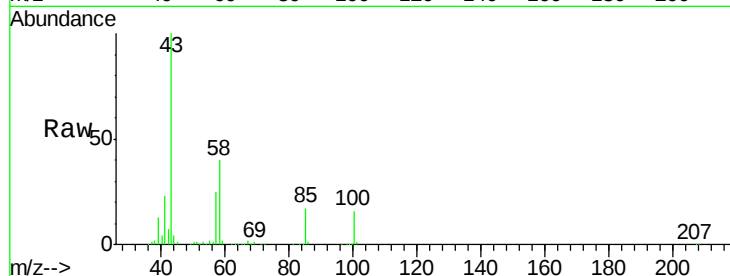
43 100

58 37.5 30.5 45.7

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#52

Toluene

Concen: 21.690 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065938.D

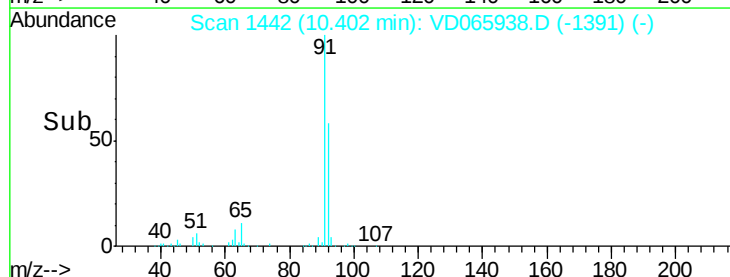
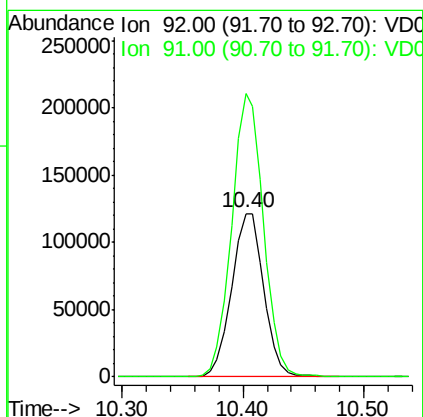
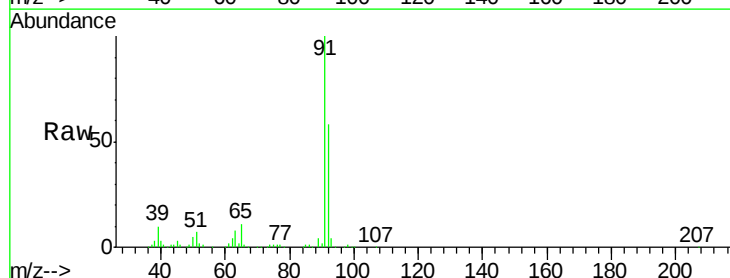
Acq: 08 Jul 2020 14:02

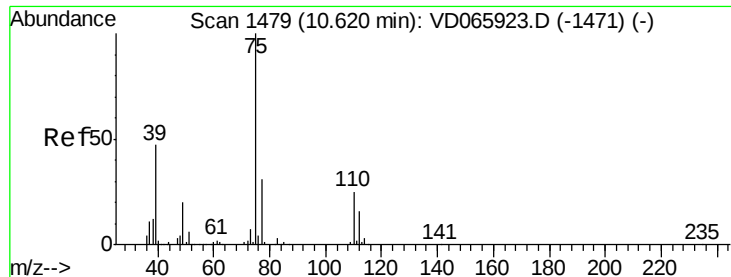
Tgt Ion: 92 Resp: 225124

Ion Ratio Lower Upper

92 100

91 170.8 136.0 204.0





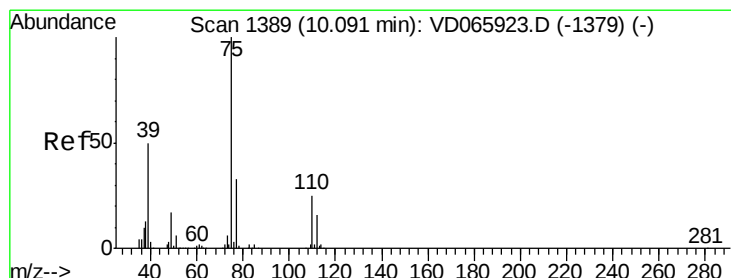
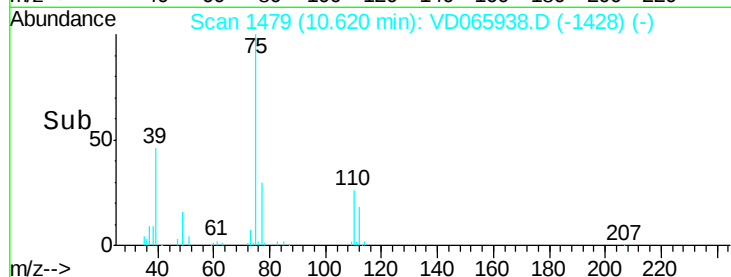
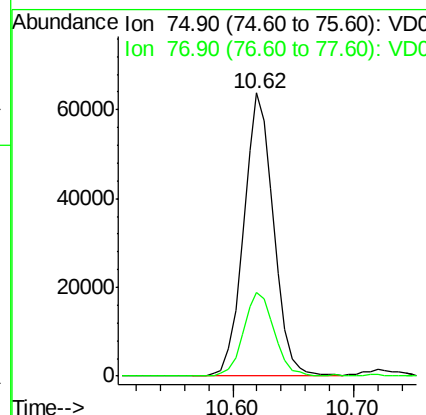
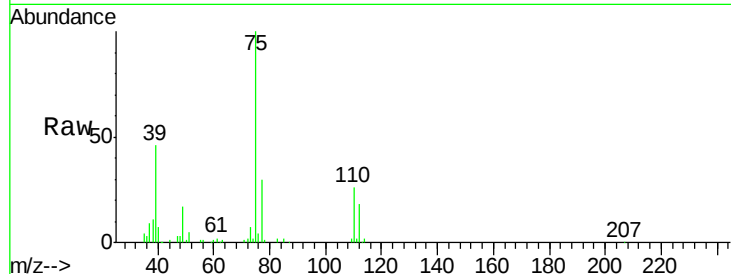
#53
t-1,3-Dichloropropene
Concen: 20.596 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion: 75 Resp: 109516
Ion Ratio Lower Upper
75 100
77 29.7 25.1 37.7

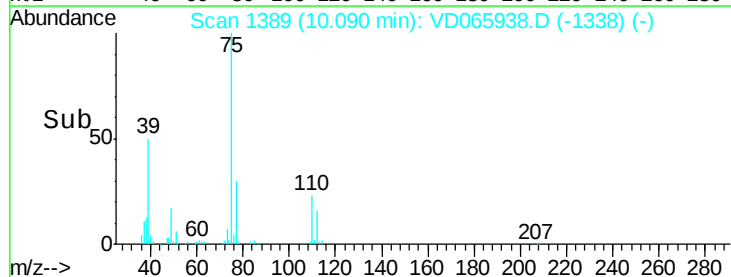
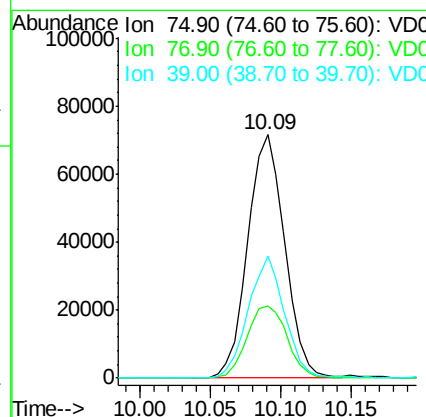
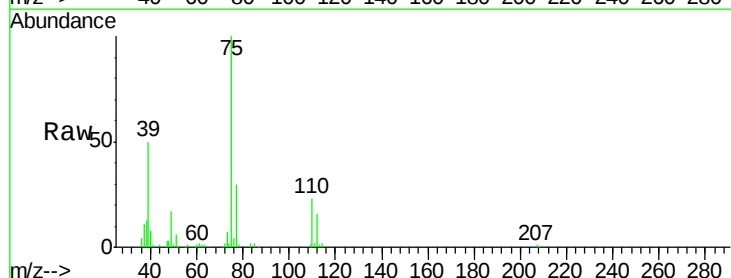
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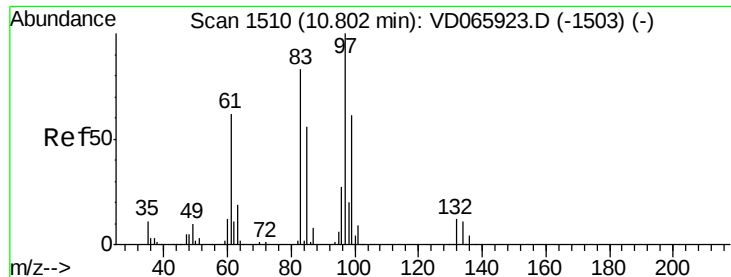
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.556 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 75 Resp: 132072
Ion Ratio Lower Upper
75 100
77 29.7 26.6 39.8
39 50.2 39.6 59.4





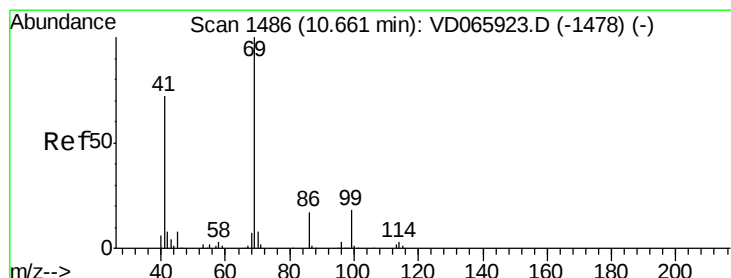
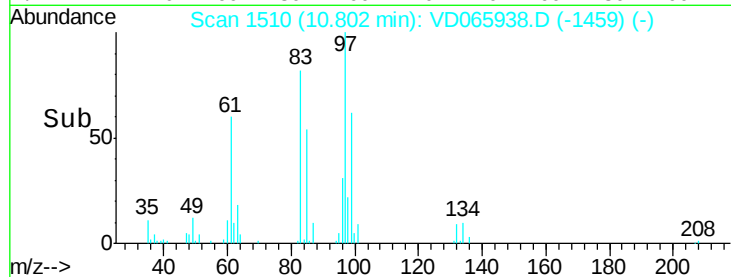
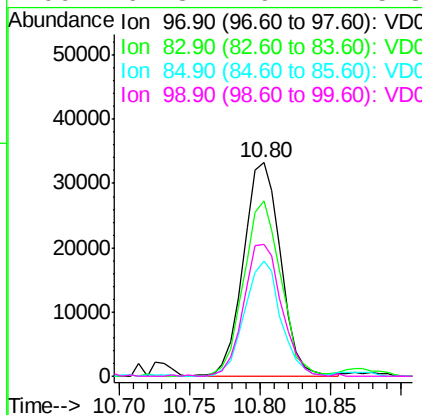
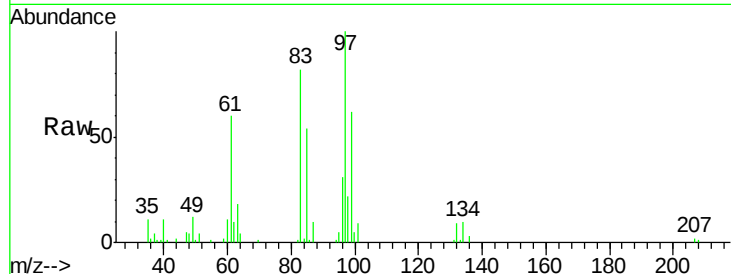
#55
 1,1,2-Trichloroethane
 Concen: 21.193 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion:	97	Resp:	61556
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.9	100.3
85	53.8	44.5	66.7
99	61.3	49.2	73.8

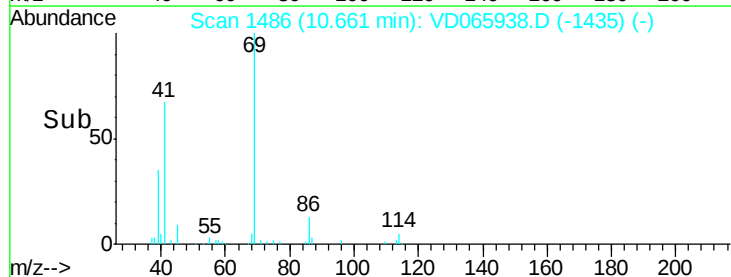
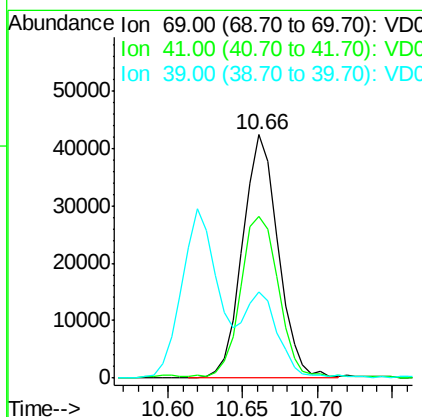
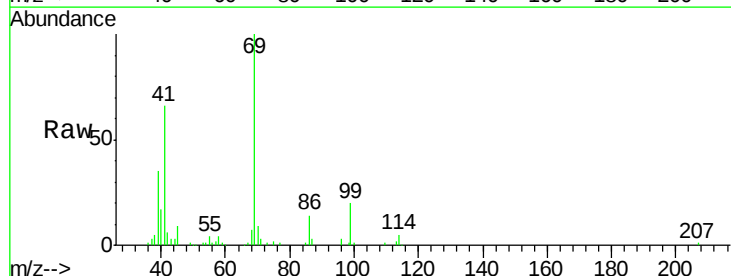
Manual Integrations
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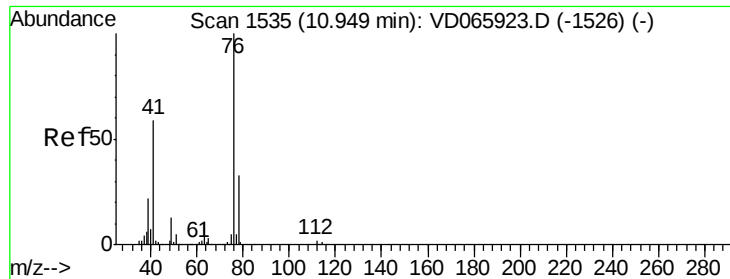
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#56
 Ethyl methacrylate
 Concen: 19.775 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion:	69	Resp:	70156
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.5	84.7
39	32.7	29.2	43.8





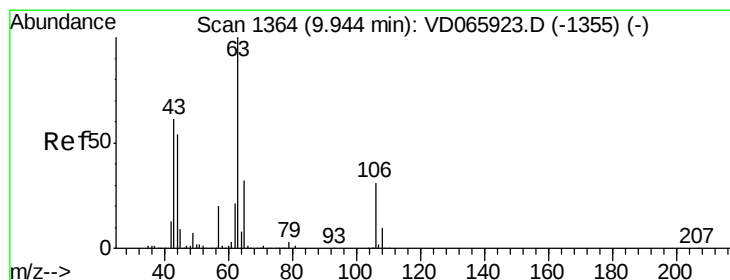
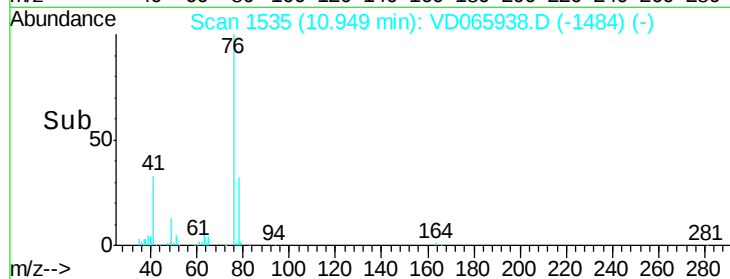
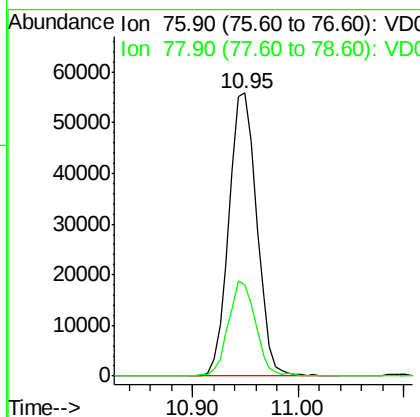
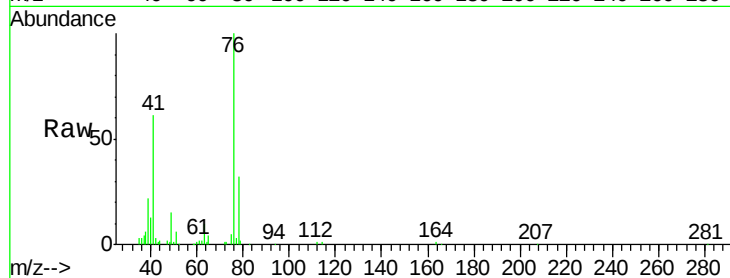
#57
 1,3-Dichloropropane
 Concen: 20.081 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion: 76 Resp: 102005
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

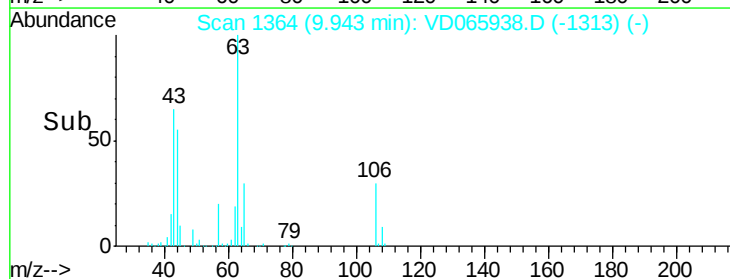
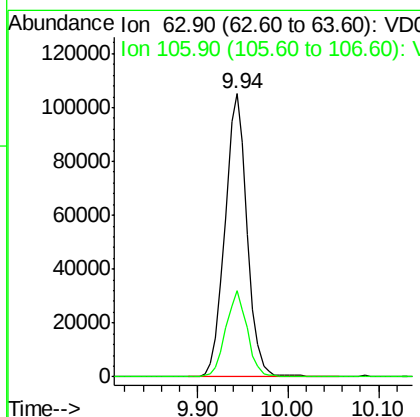
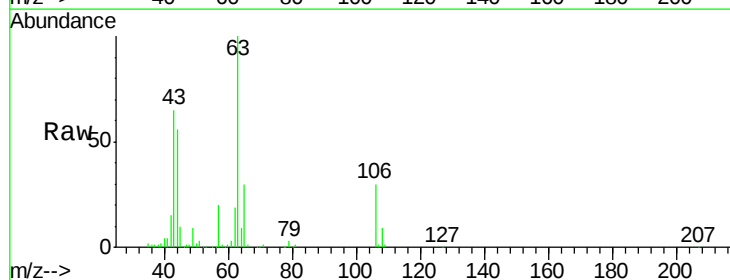
Manual Integrations
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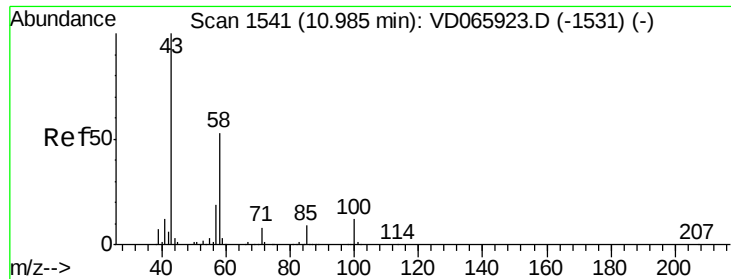
MMDadoda
 7/9/2020 10:48:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.130 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 63 Resp: 177190
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





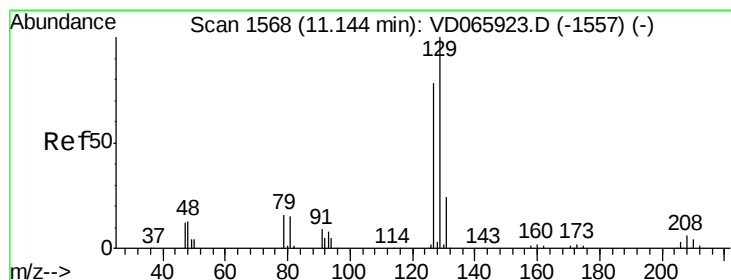
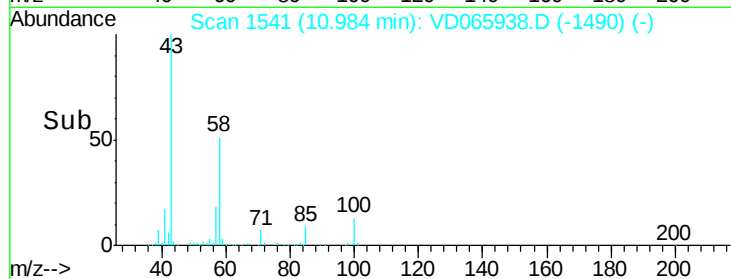
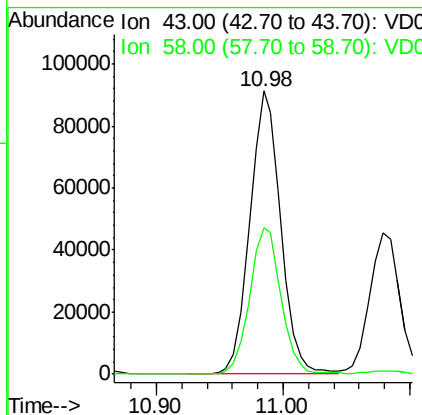
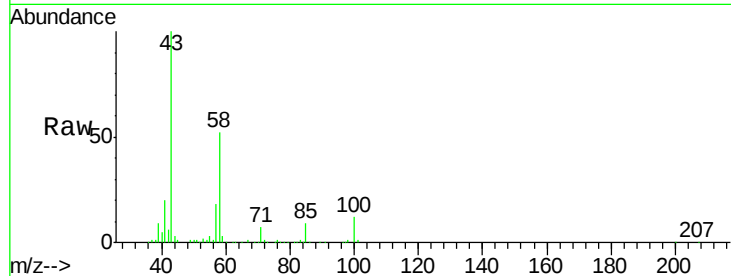
#59
2-Hexanone
Concen: 96.807 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion: 43 Resp: 155028
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.8

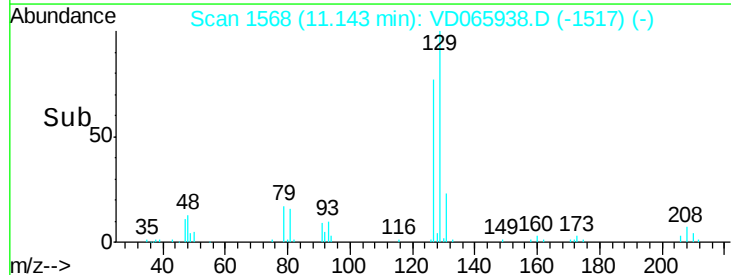
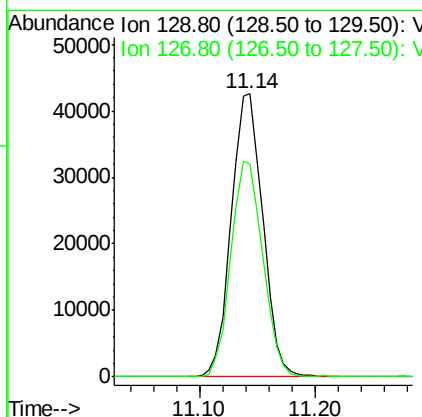
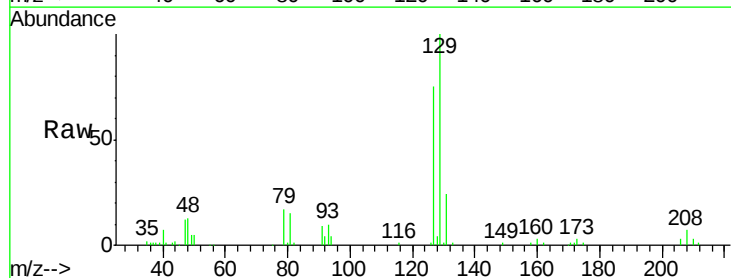
Manual Integrations
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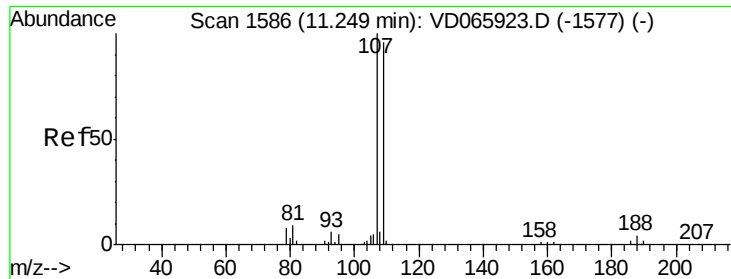
MMDadoda
7/9/2020 10:48:18 AM



#60
Dibromochloromethane
Concen: 20.343 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 129 Resp: 80730
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





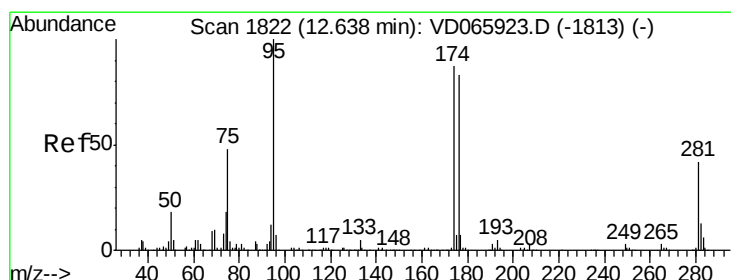
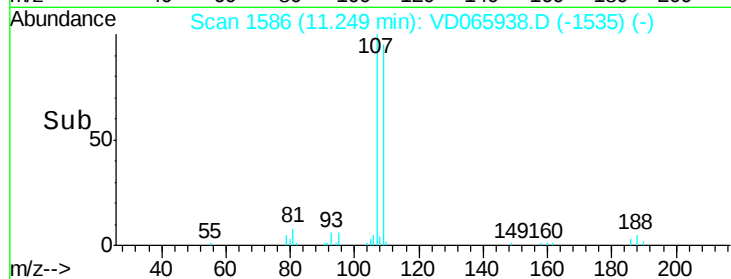
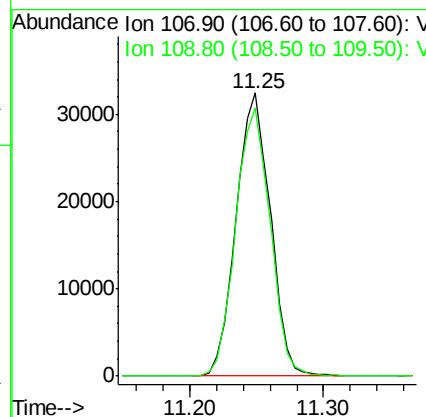
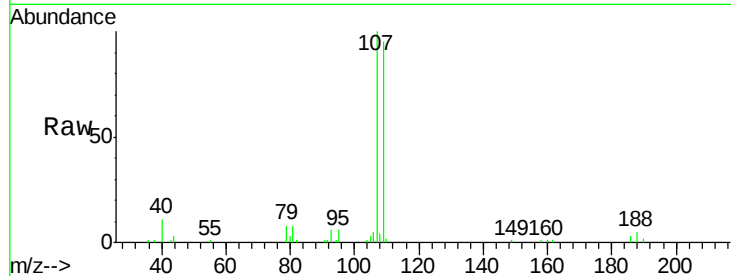
#61
 1,2-Dibromoethane
 Concen: 19.963 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion: 107 Resp: 57812
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.4 113.0

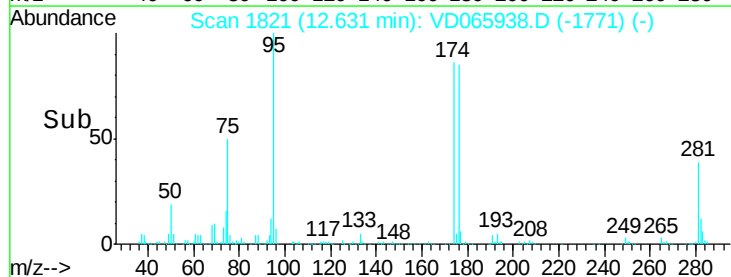
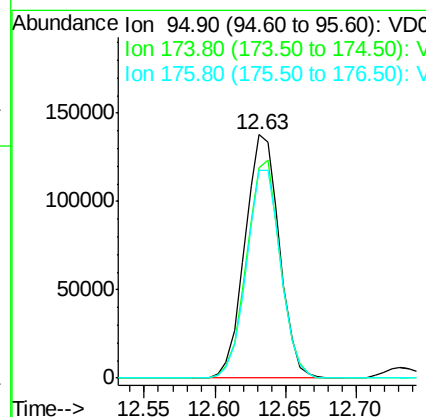
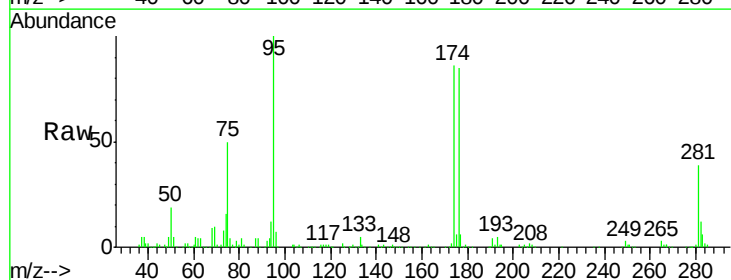
Manual Integrations
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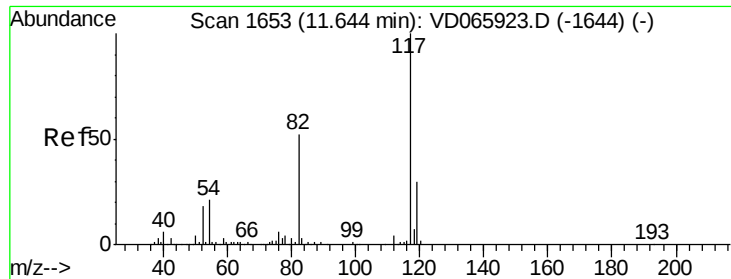
MMDadoda
 7/9/2020 10:48:18 AM



#62
 4-Bromofluorobenzene
 Concen: 50.870 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 95 Resp: 235103
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 169.4
 176 85.2 0.0 164.0





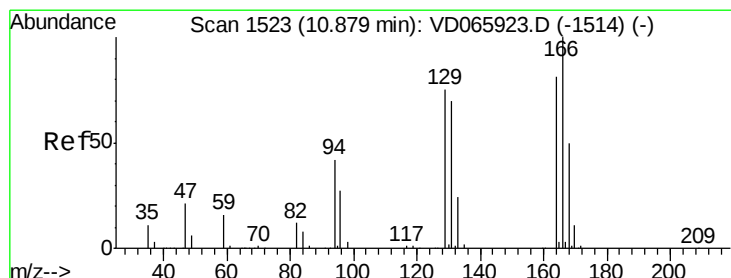
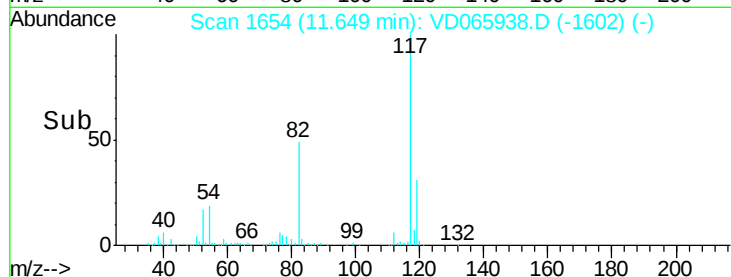
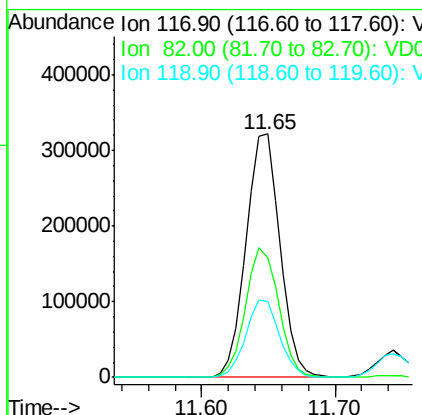
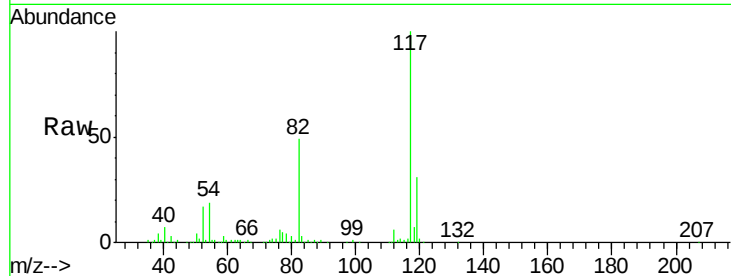
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	563642		
82	49.0		41.8	62.8
119	31.3		24.3	36.5

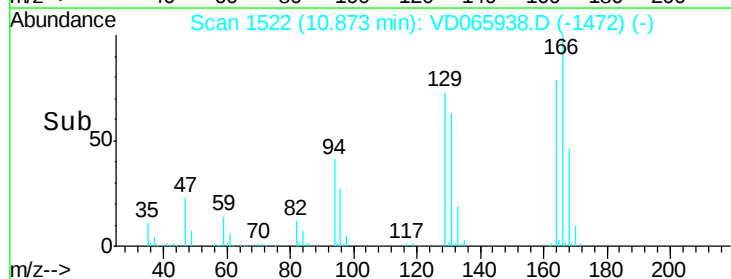
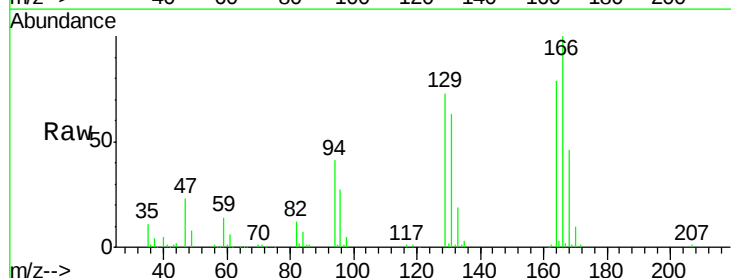
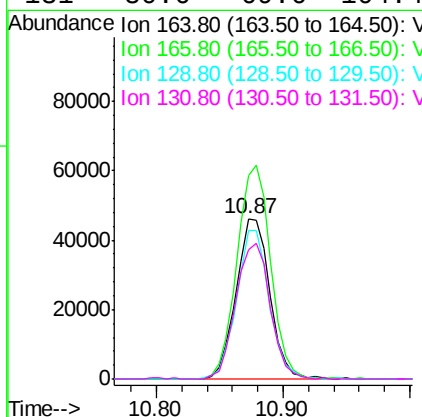
Manual Integrations
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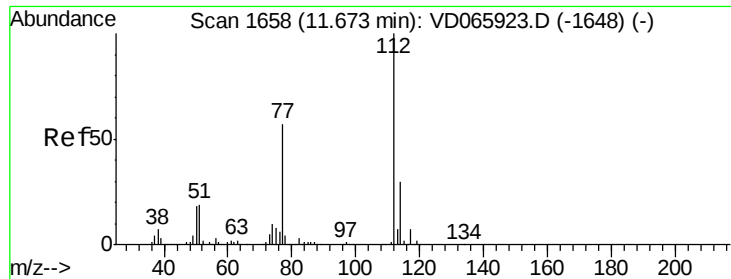
MMDadoda
7/9/2020 10:48:18 AM



#64
Tetrachloroethene
Concen: 20.729 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84966		
166	127.1		99.0	148.4
129	92.9		73.9	110.9
131	80.6		69.6	104.4





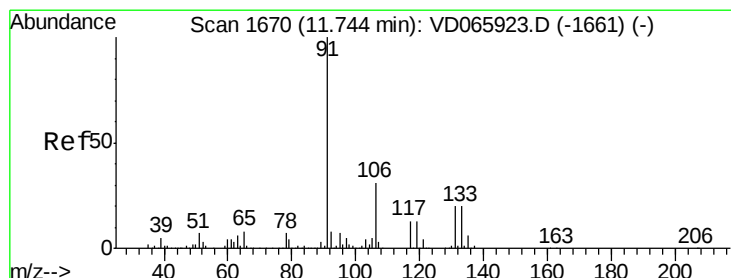
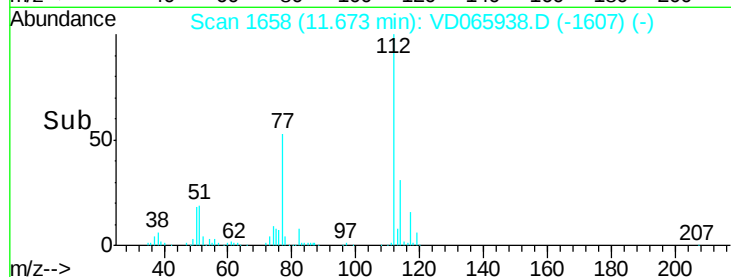
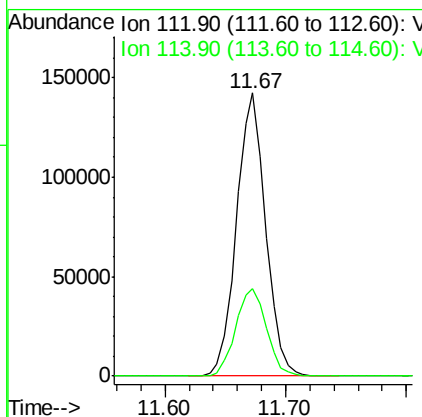
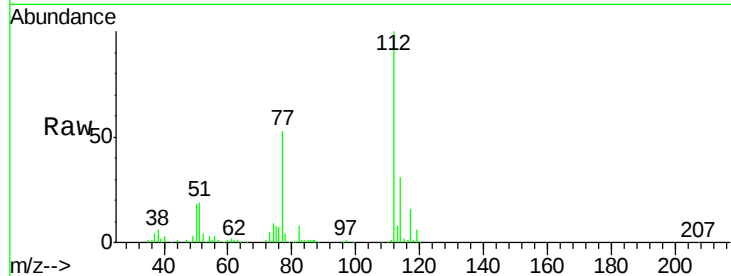
#65
Chlorobenzene
Concen: 21.017 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	24.2	36.4

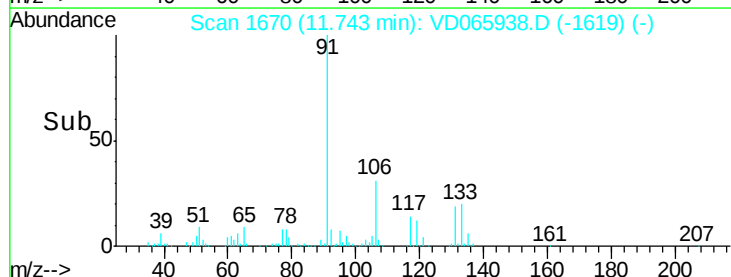
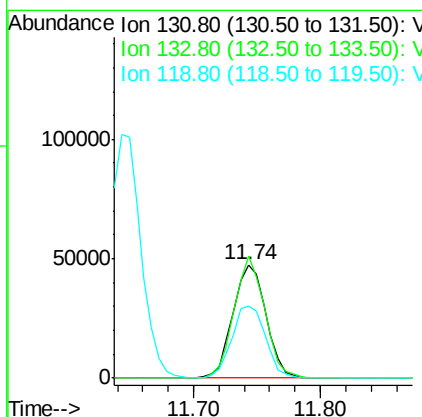
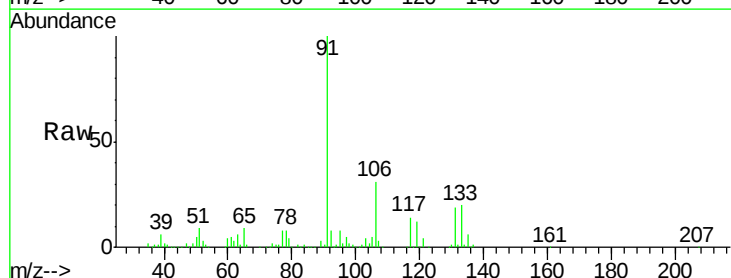
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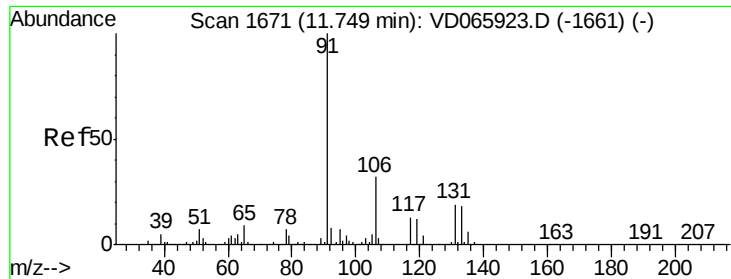
MMDadoda
7/9/2020 10:48:18 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.095 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.1	47.9	143.6
119	65.1	31.9	95.9





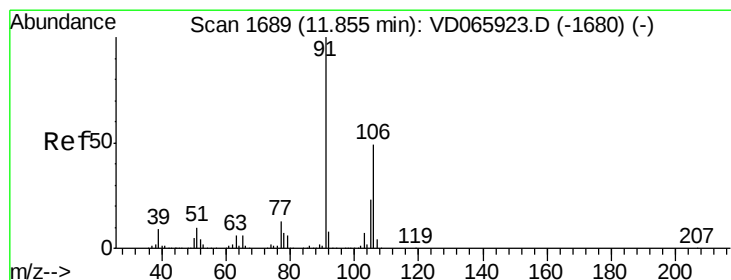
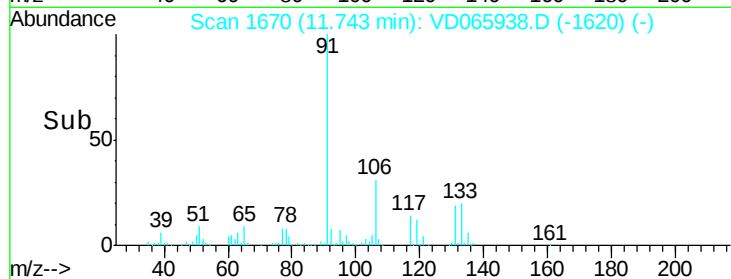
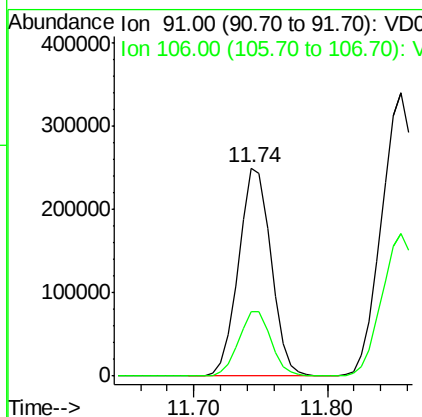
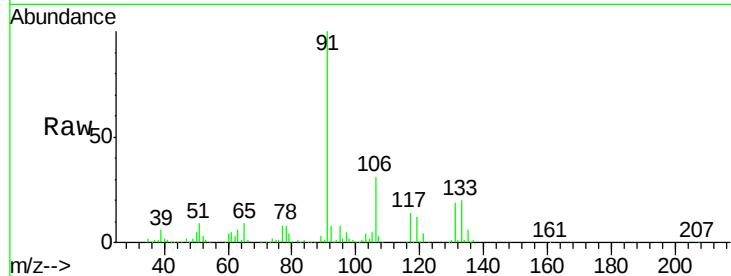
#67
Ethyl Benzene
Concen: 20.894 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleID :
VD0708SBS01

Tot Ion: 91 Resp: 421616
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

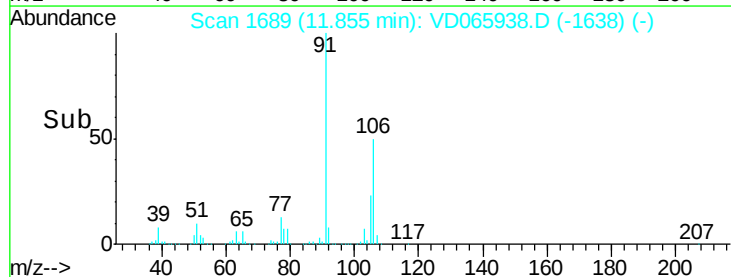
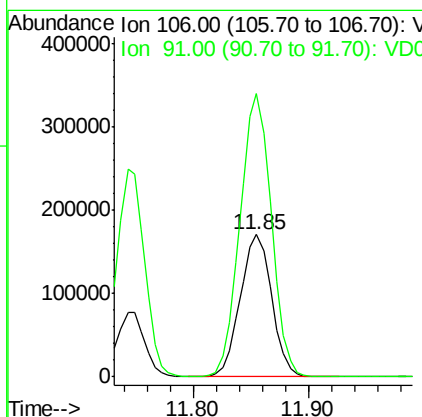
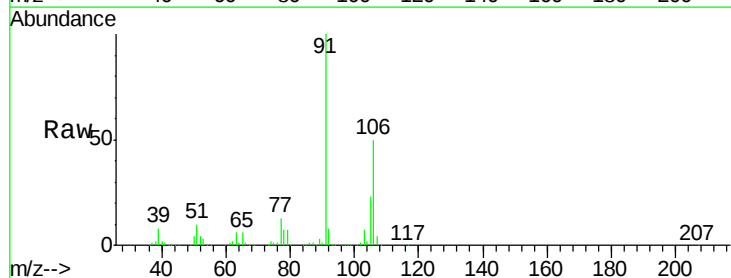
Manual Integrations
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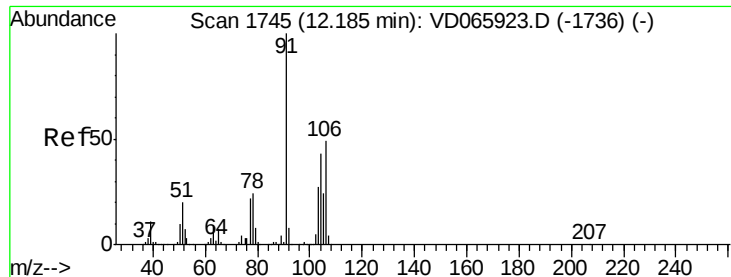
MMDadoda
7/9/2020 10:48:18 AM



#68
m/p-Xylenes
Concen: 42.169 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 106 Resp: 323282
Ion Ratio Lower Upper
106 100
91 198.4 158.2 237.2





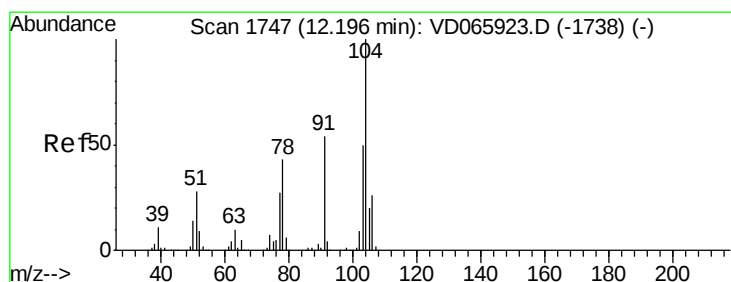
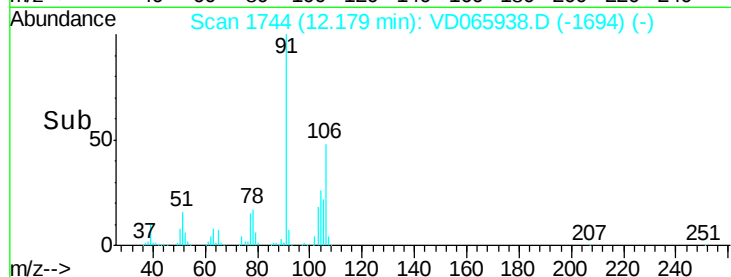
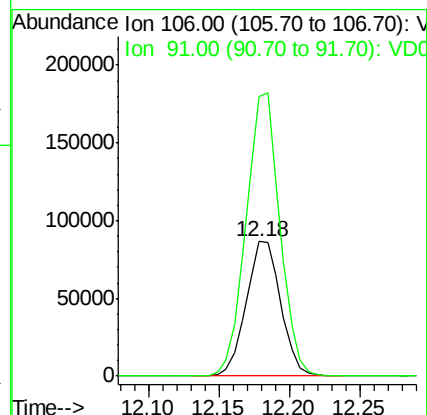
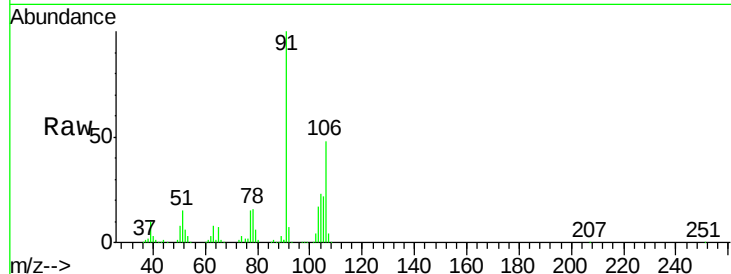
#69
o-Xylene
Concen: 21.253 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		148422		
91	206.0	104.1	312.2		

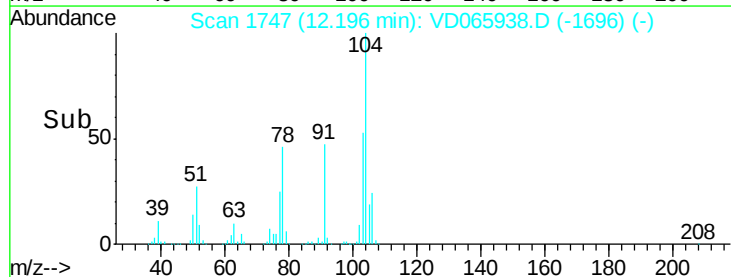
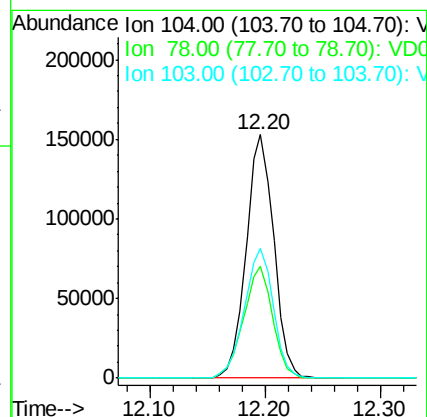
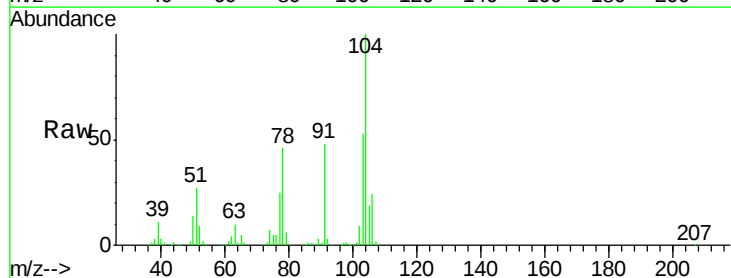
Manual Integrations
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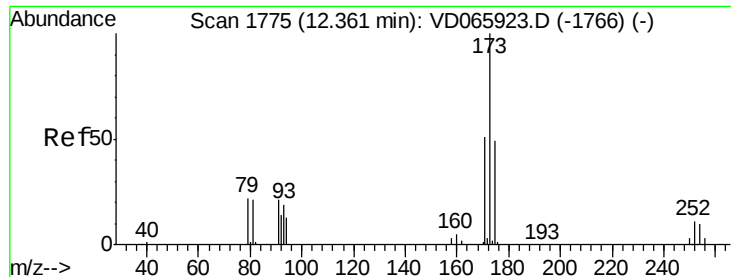
MMDadoda
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#70
Styrene
Concen: 21.008 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		253262		
78	48.5	38.8	58.2		
103	56.2	43.6	65.4		





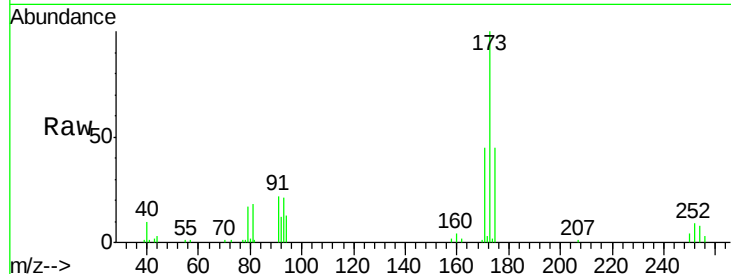
#71
Bromoform
Concen: 19.920 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

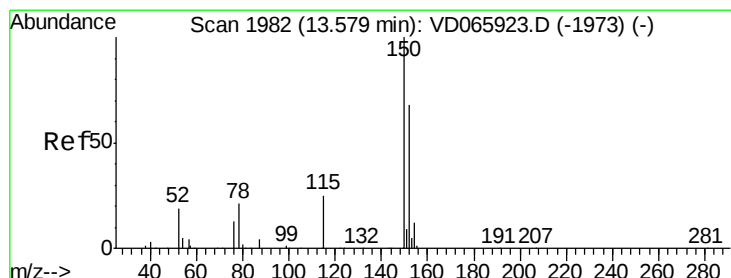
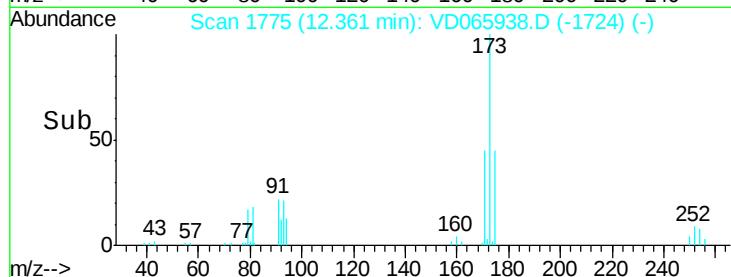
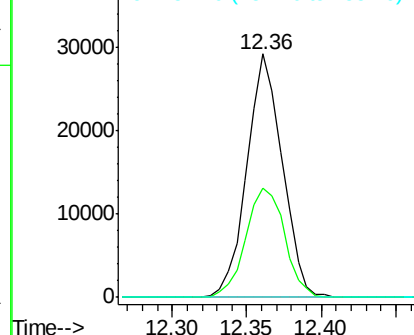
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.0	0.0	0.0

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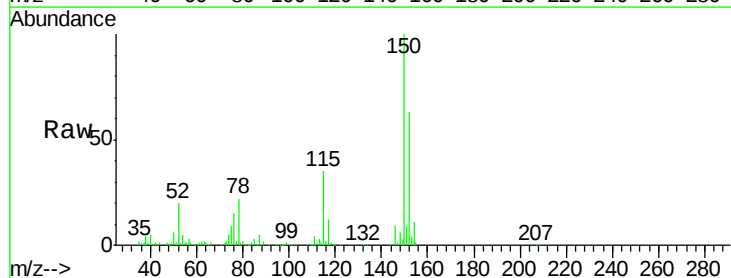


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

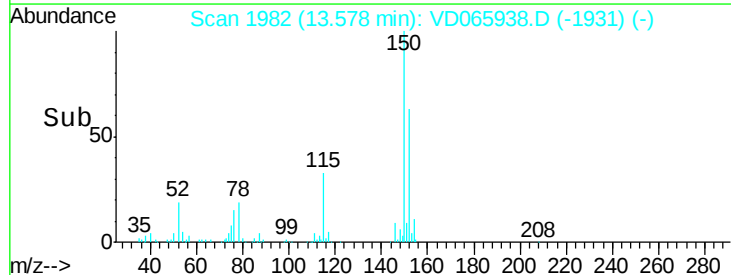
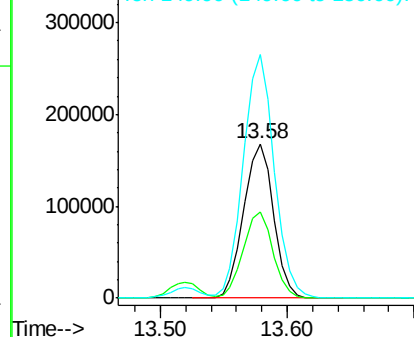


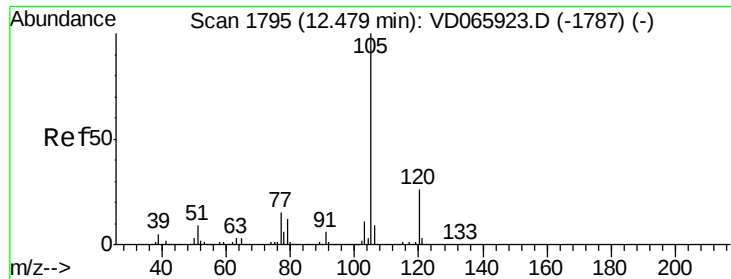
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.3
150	163.4	0.0	347.2



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: 21.348 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

Tot Ion: 105 Resp: 408500

Ion Ratio Lower Upper

105 100

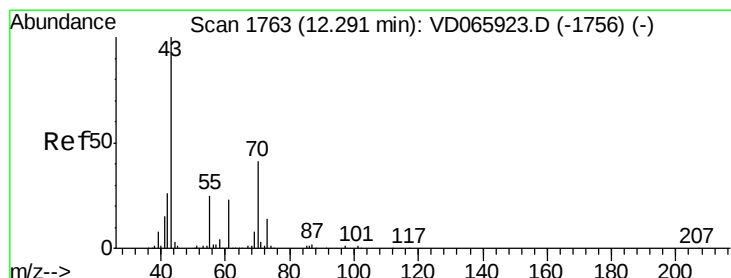
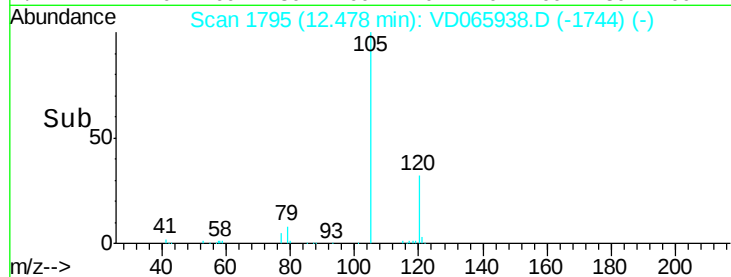
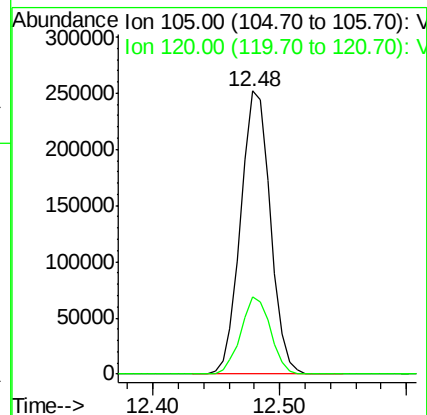
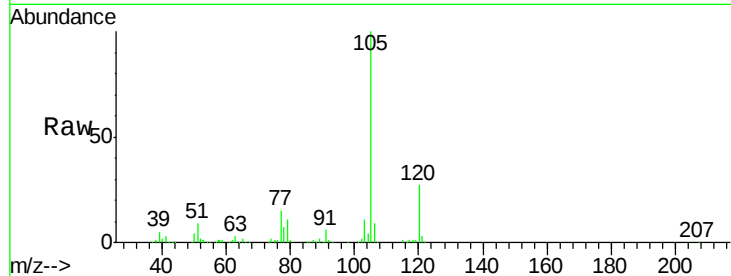
120 27.2 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.465 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion: 43 Resp: 79287

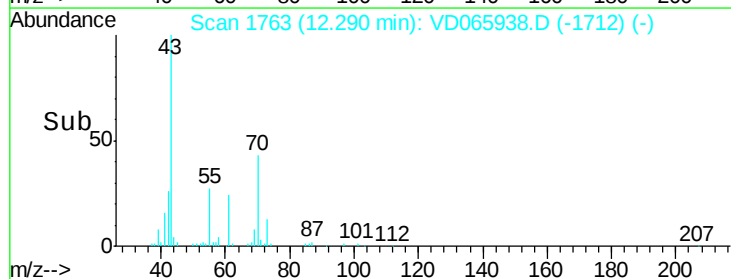
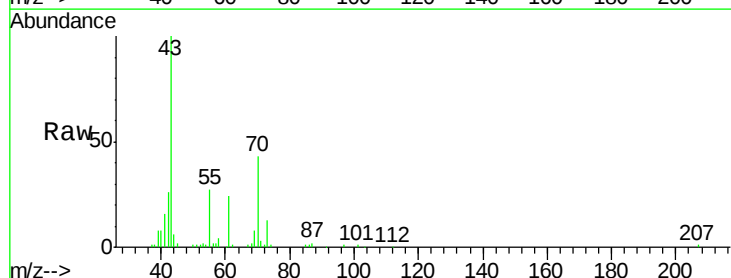
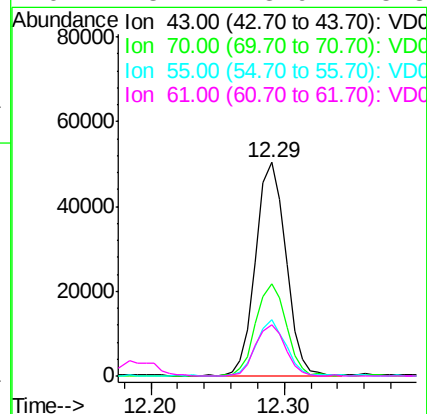
Ion Ratio Lower Upper

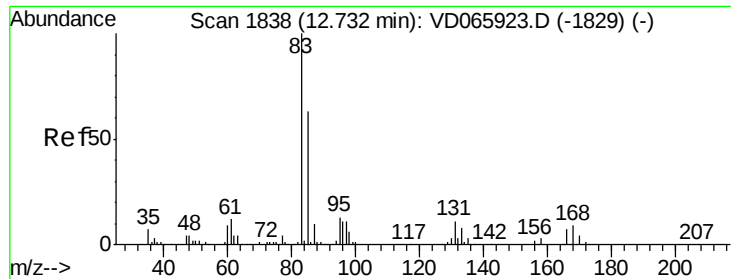
43 100

70 43.3 33.6 50.4

55 26.0 20.1 30.1

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.648 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

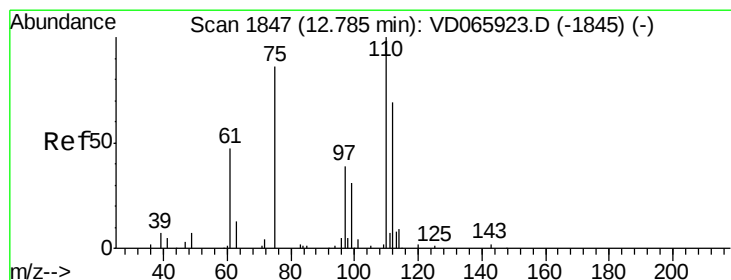
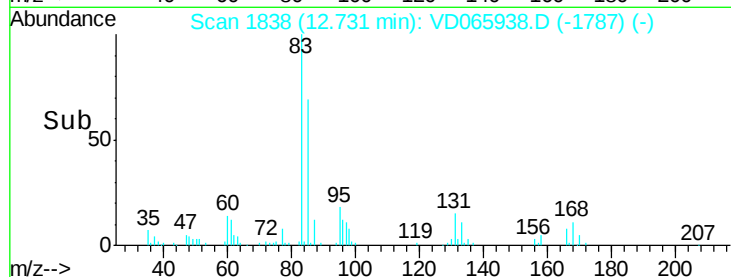
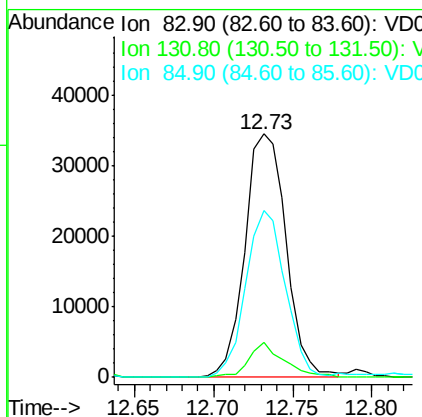
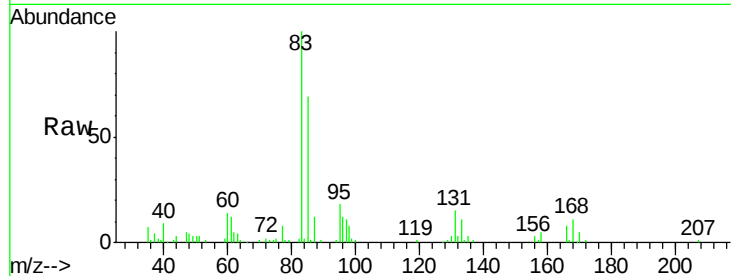
ClientSampleId :

VD0708SBS01

Tot Ion:	83	Resp:	62419
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.6	16.8
85	65.6	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 18.433 ug/l m

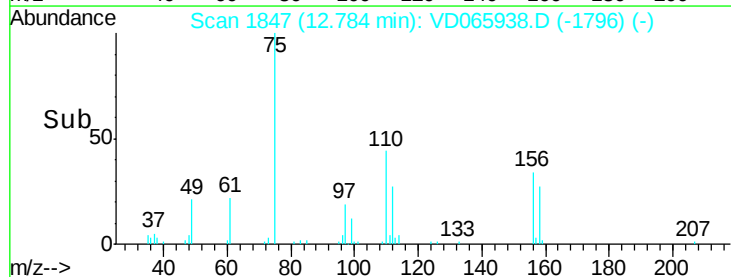
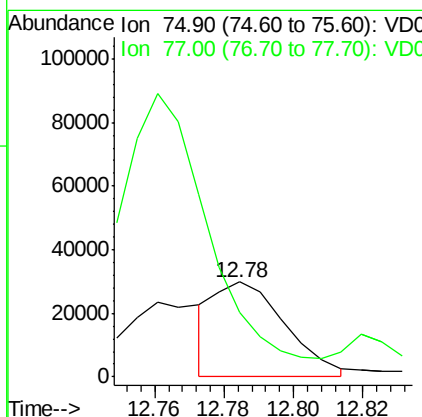
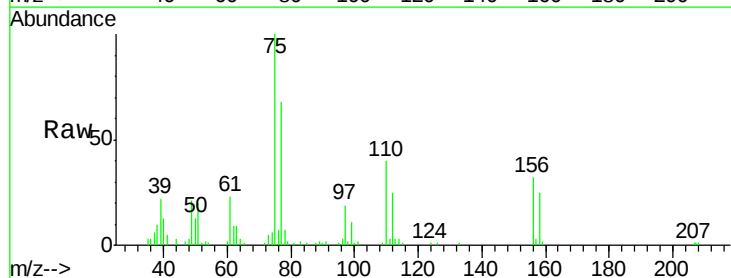
RT: 12.78 min Scan# 1847

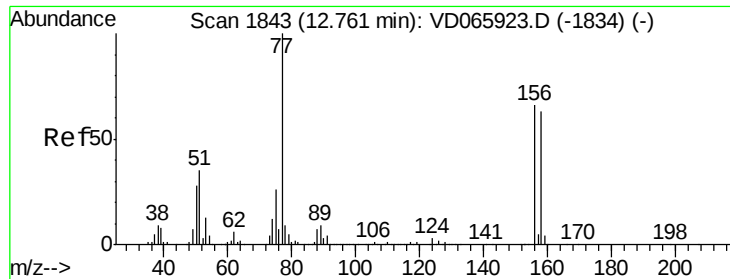
Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion:	75	Resp:	42397
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.274 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

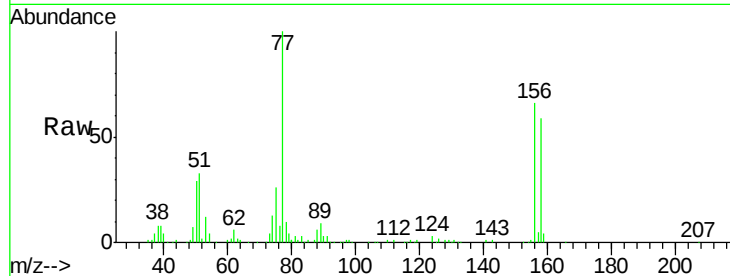
ClientSampleId :

VD0708SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.3	85.0	255.0
158	96.3	49.0	147.0

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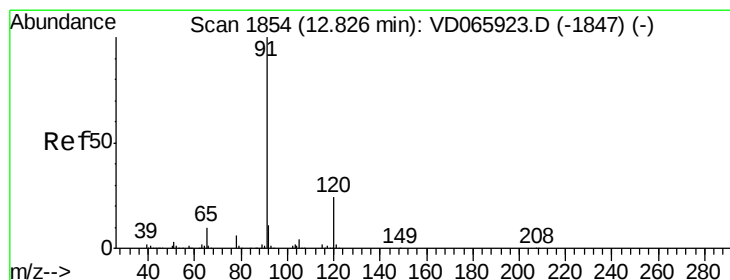
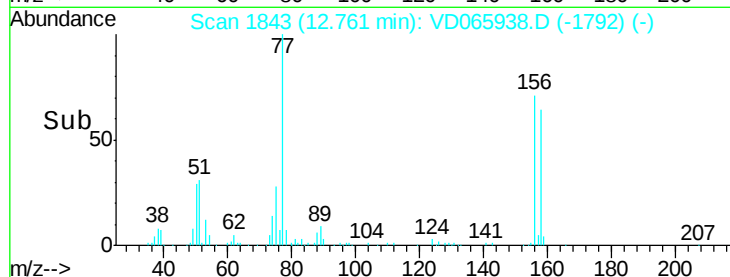
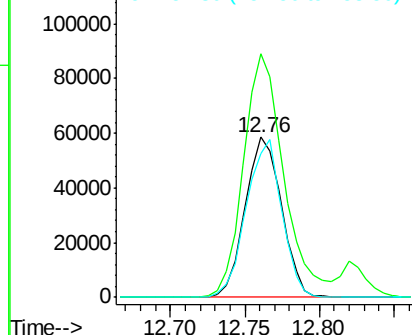
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.554 ug/l

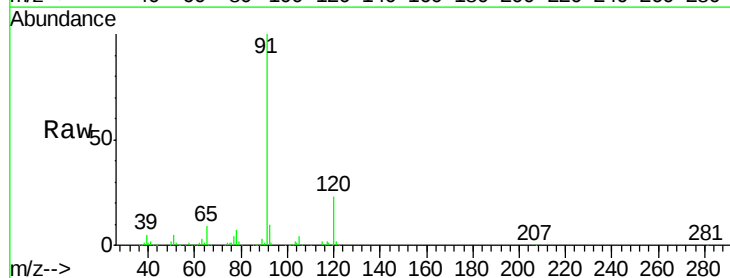
RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065938.D

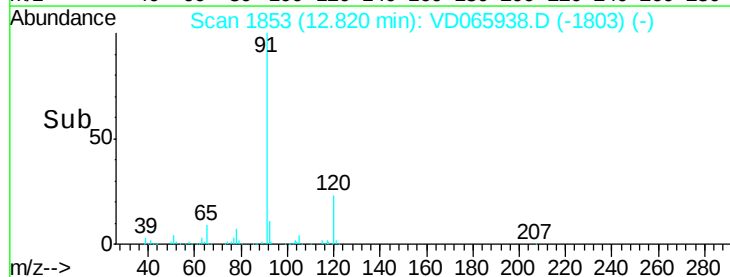
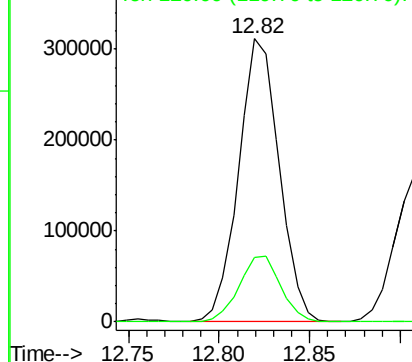
Acq: 08 Jul 2020 14:02

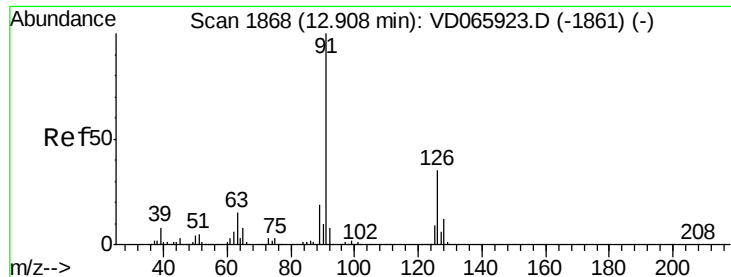
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





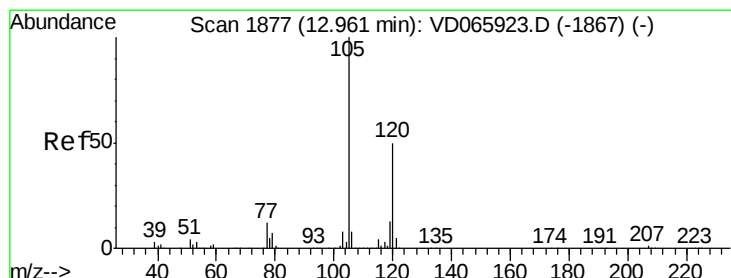
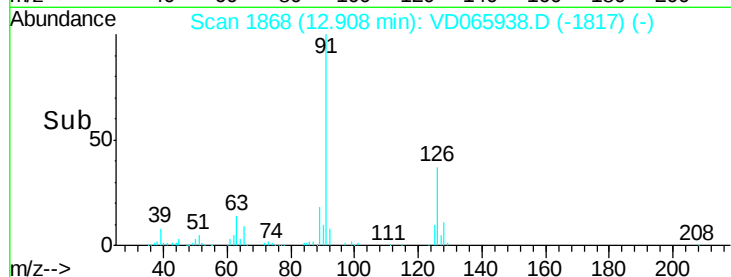
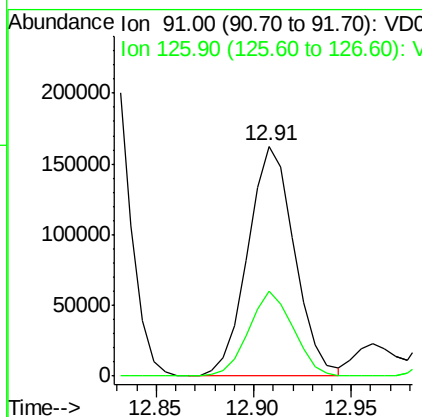
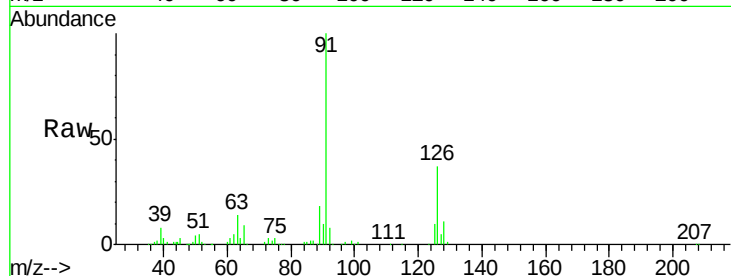
#79
2-Chlorotoluene
Concen: 21.084 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion: 91 Resp: 268336
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.8

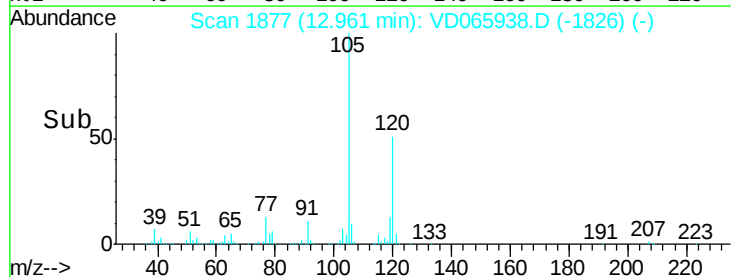
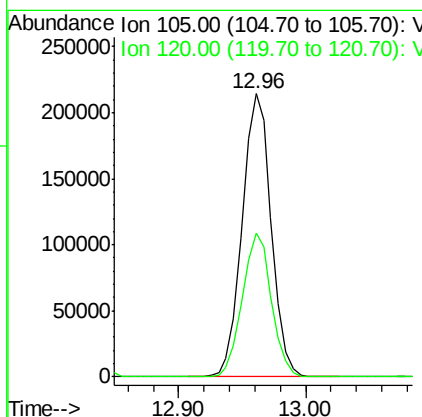
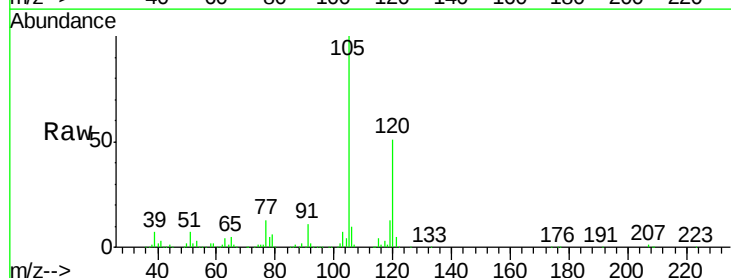
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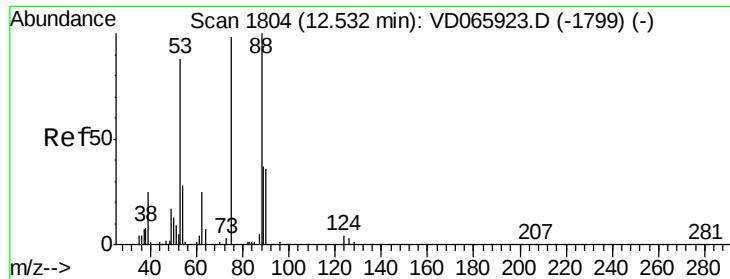
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#80
1,3,5-Trimethylbenzene
Concen: 21.705 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 105 Resp: 339714
Ion Ratio Lower Upper
105 100
120 50.7 25.2 75.6





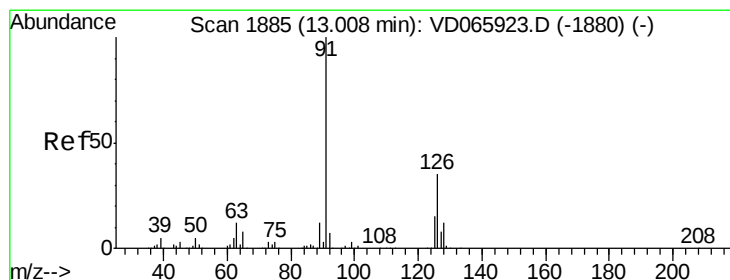
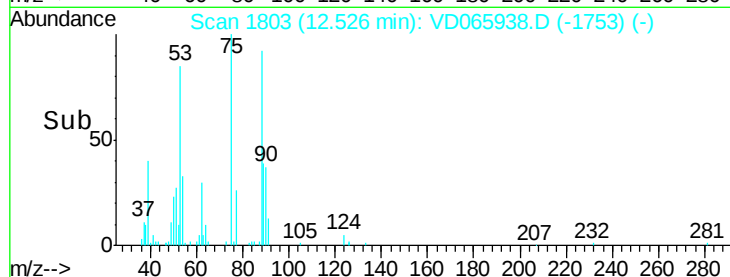
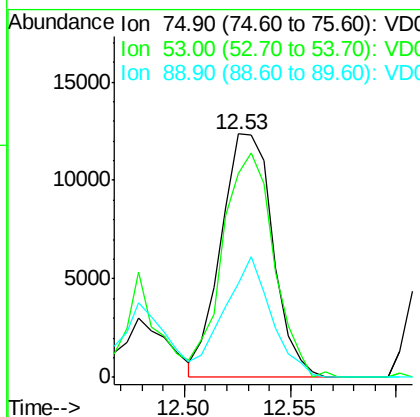
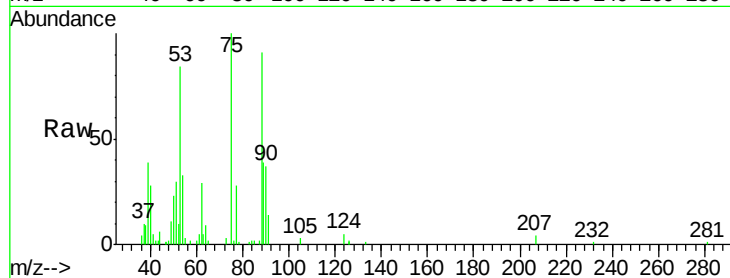
#81
trans-1,4-Dichloro-2-butene
Concen: 19.602 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.4	75.8	113.8
89	45.4	37.5	56.3

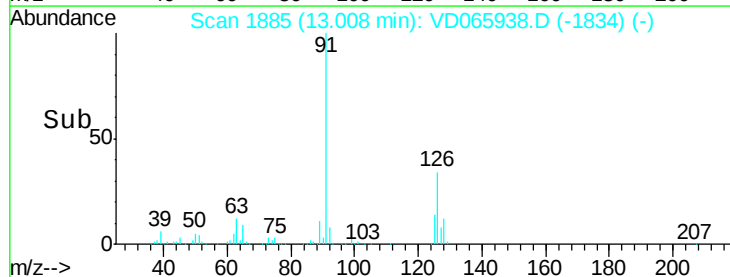
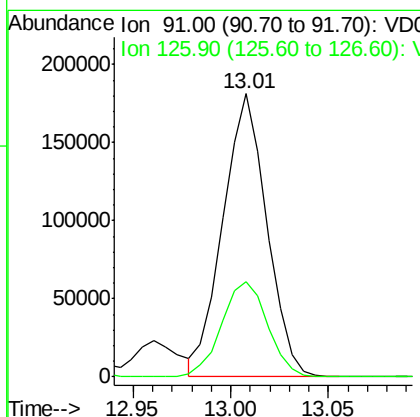
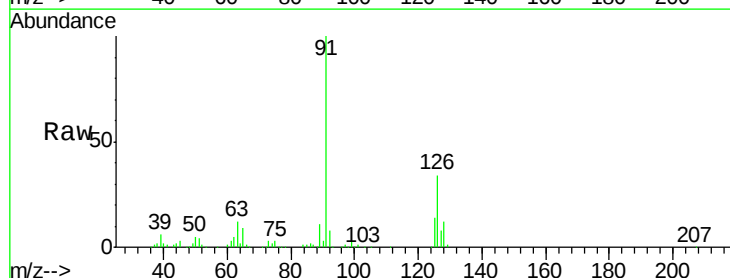
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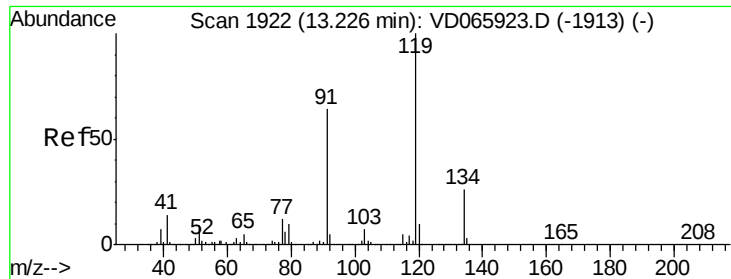
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#82
4-Chlorotoluene
Concen: 21.074 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.3	51.7





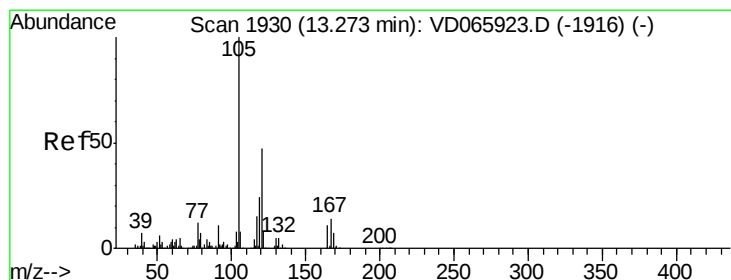
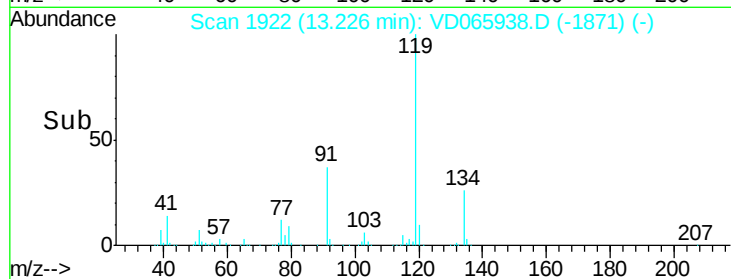
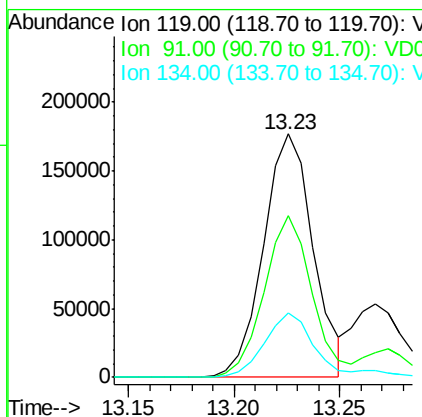
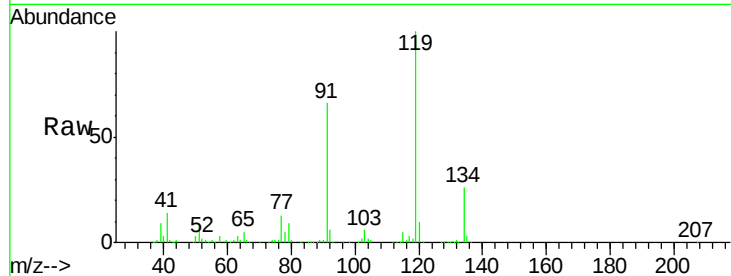
#83
 tert-Butylbenzene
 Concen: 21.696 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	289312		
91	64.1		32.4	97.2
134	25.6		14.1	42.4

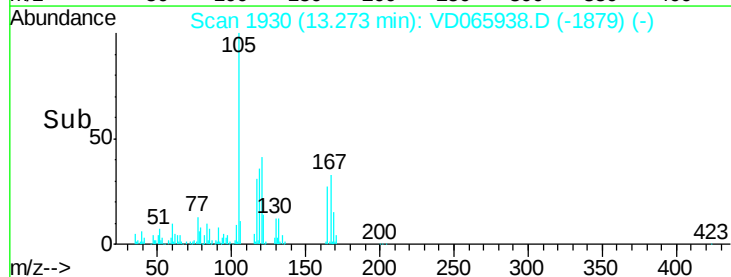
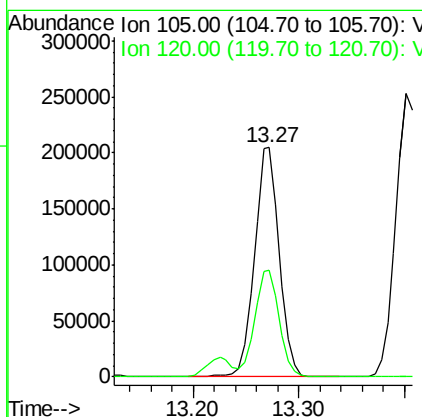
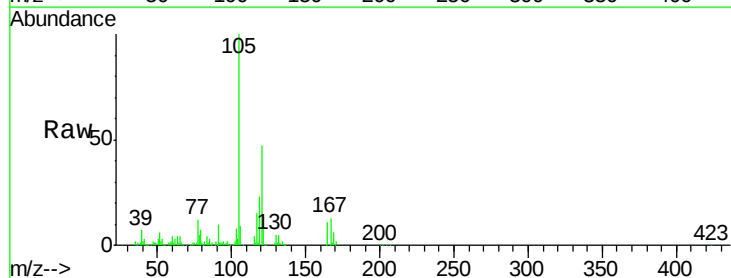
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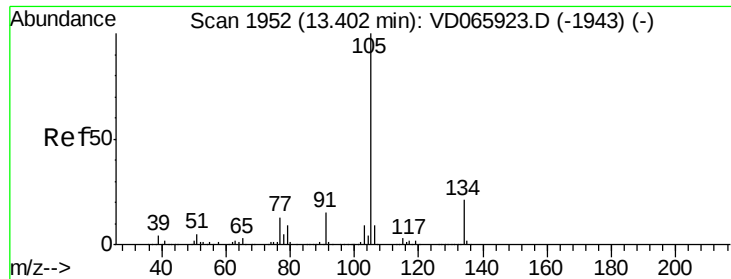
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.525 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	335348		
120	45.5		23.2	69.5





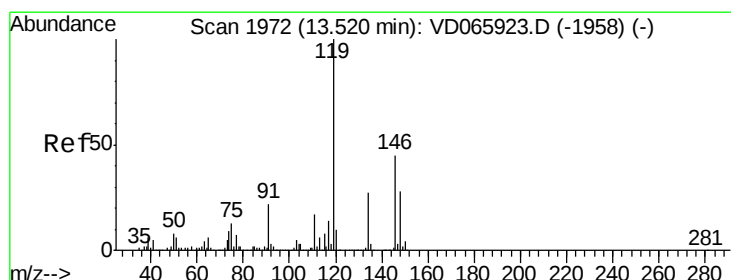
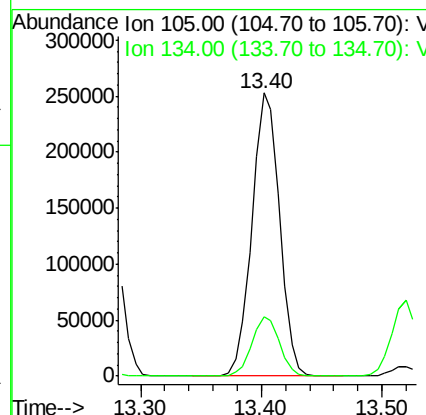
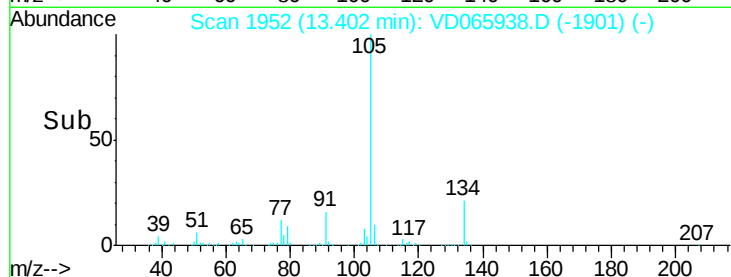
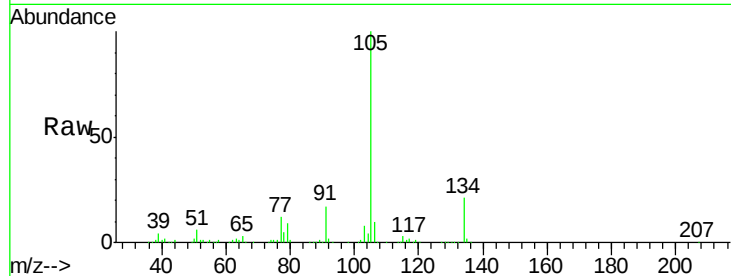
#85
 sec-Butylbenzene
 Concen: 21.379 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1

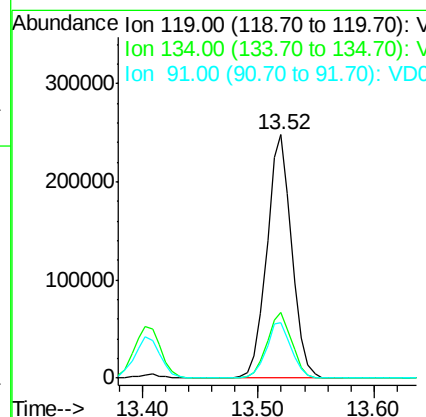
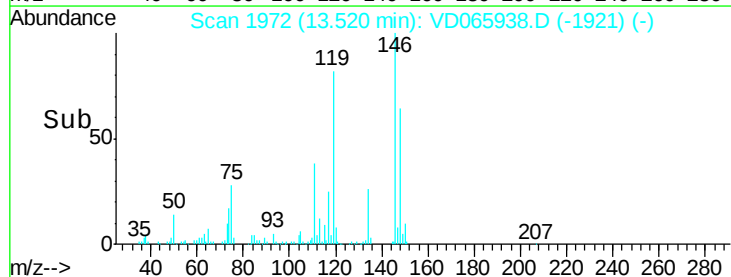
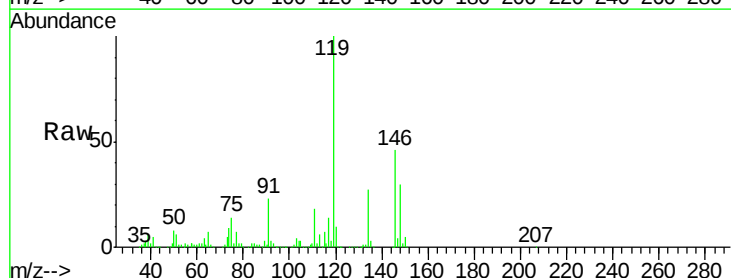
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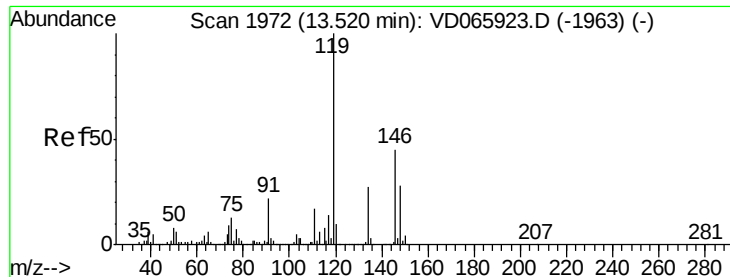
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#86
 p-Isopropyltoluene
 Concen: 21.554 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	23.0	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 21.656 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

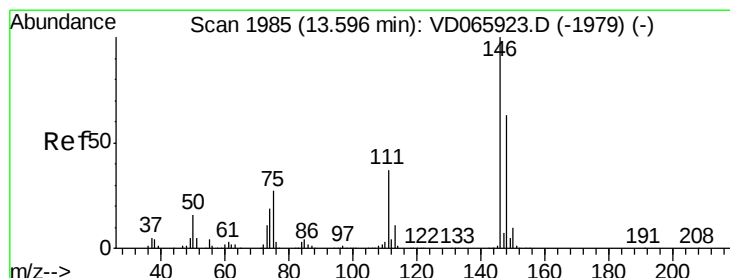
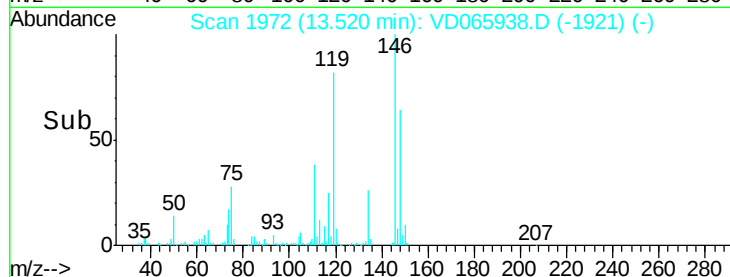
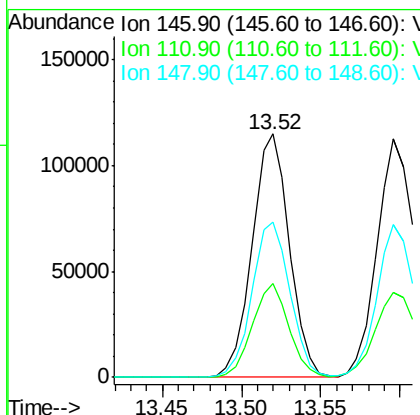
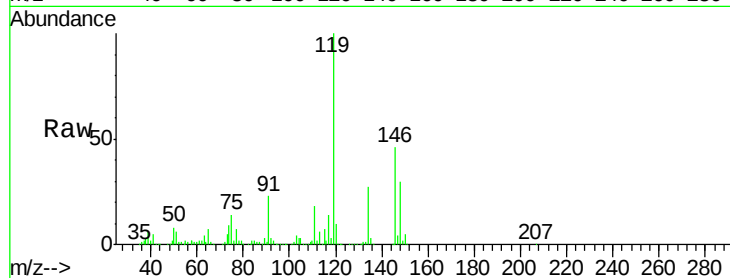
ClientSampleId :

VD0708SBS01

Tot Ion:	146	Resp:	188075
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.3	57.8
148	65.1	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.223 ug/l

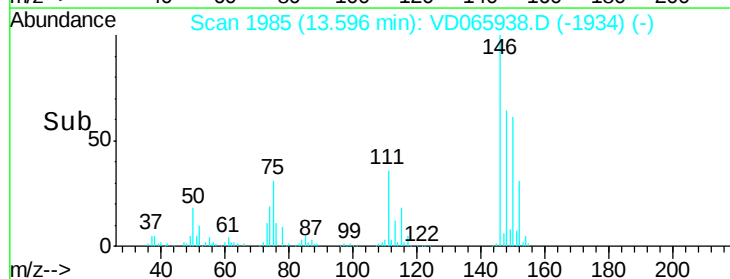
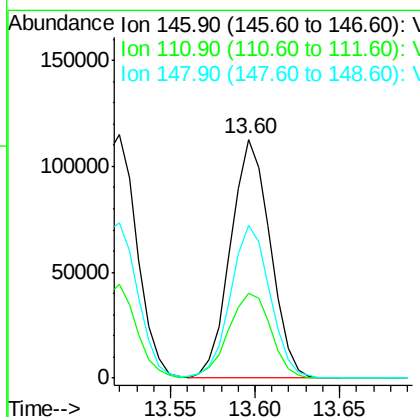
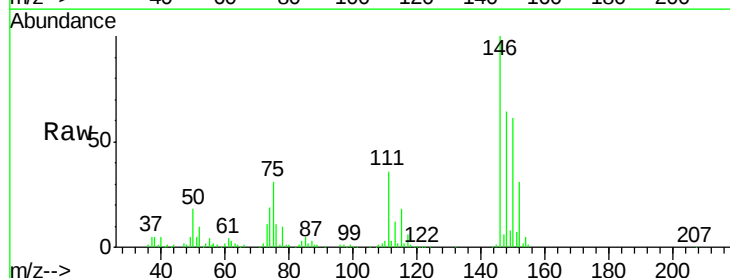
RT: 13.60 min Scan# 1985

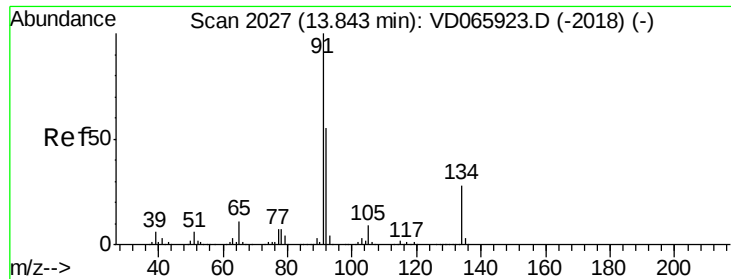
Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion:	146	Resp:	183883
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.7
148	63.8	32.1	96.3





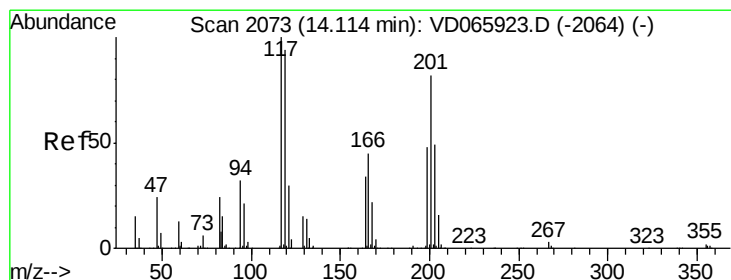
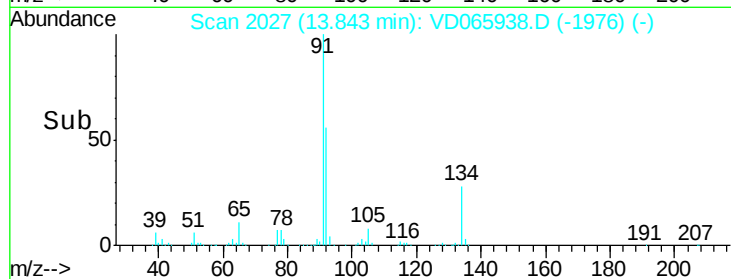
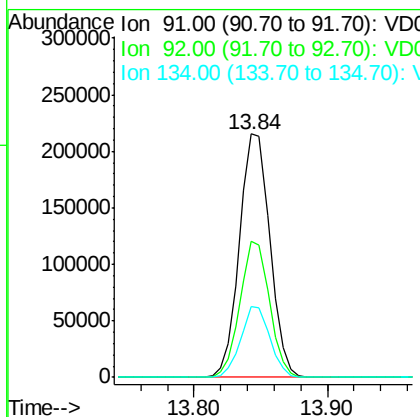
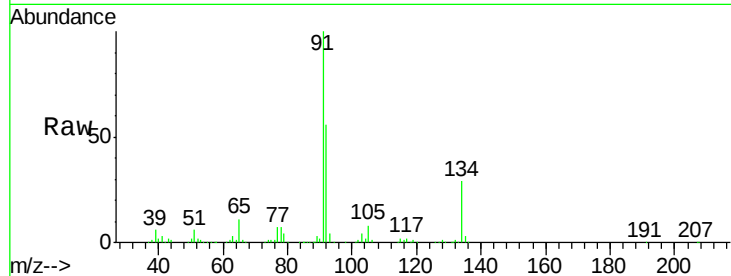
#89
n-Butylbenzene
Concen: 20.970 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.8	13.8	41.3

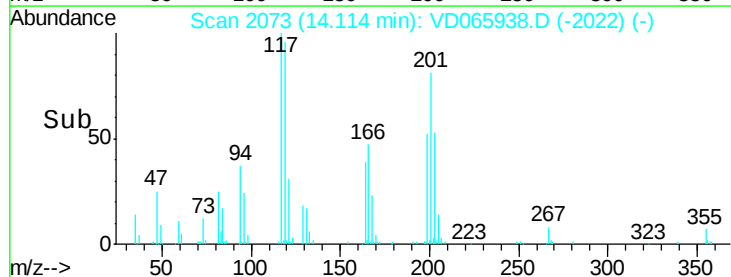
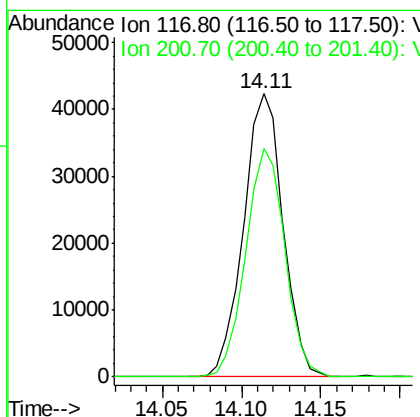
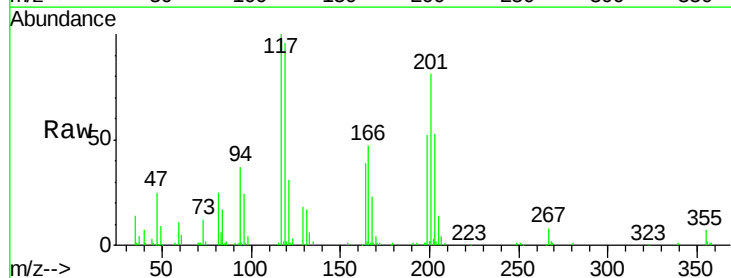
Manual Integrations
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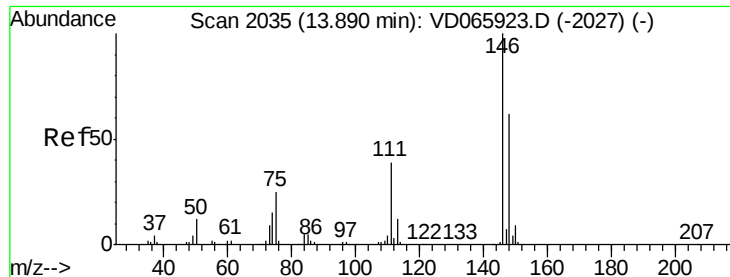
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#90
Hexachloroethane
Concen: 20.964 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	40.0	120.0





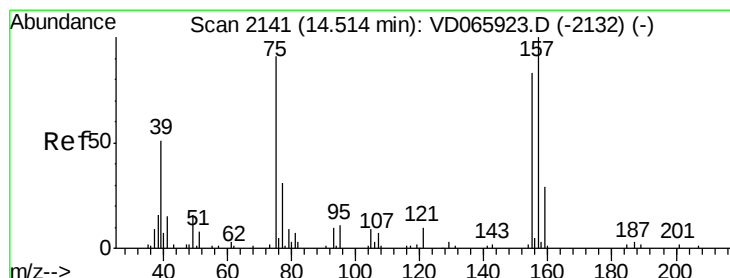
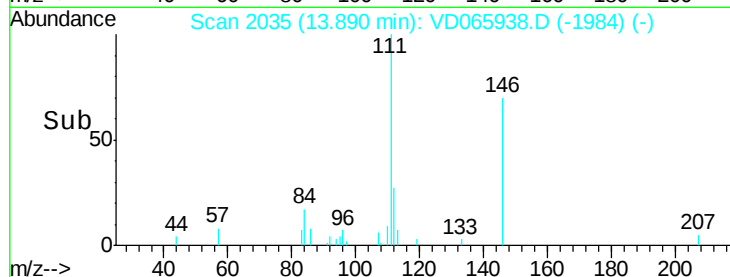
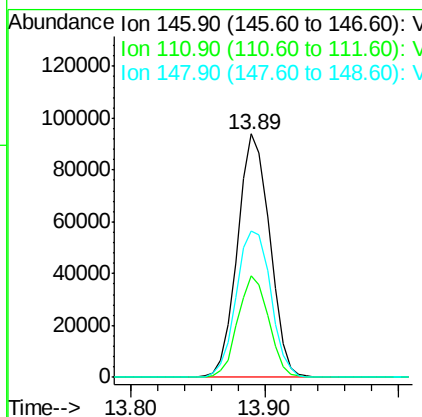
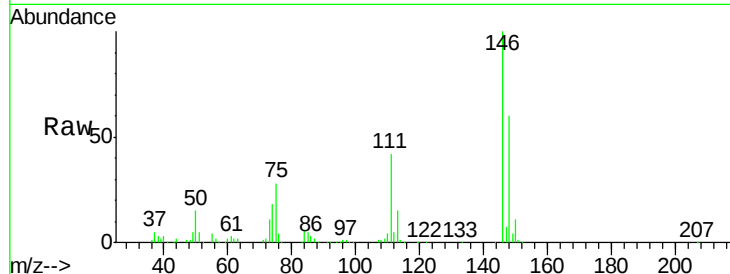
#91
 1,2-Dichlorobenzene
 Concen: 20.702 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	64.4	32.5	97.5

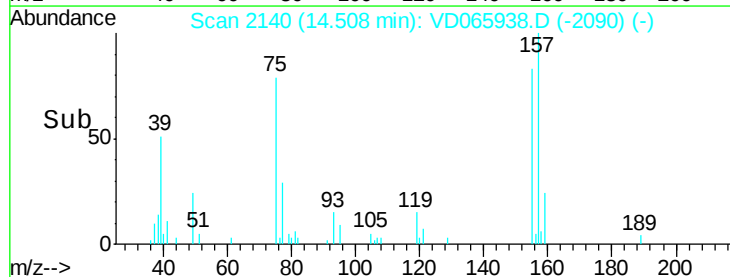
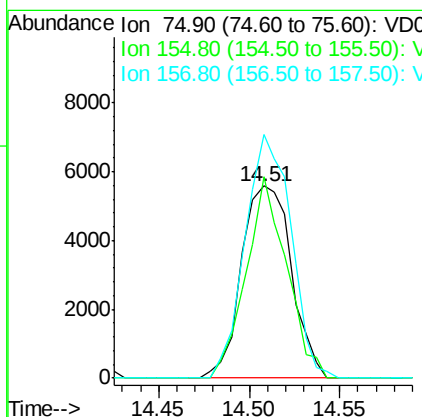
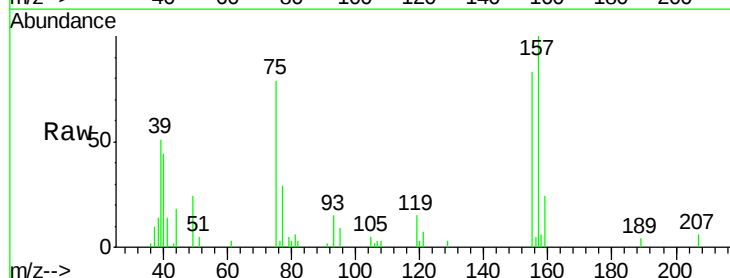
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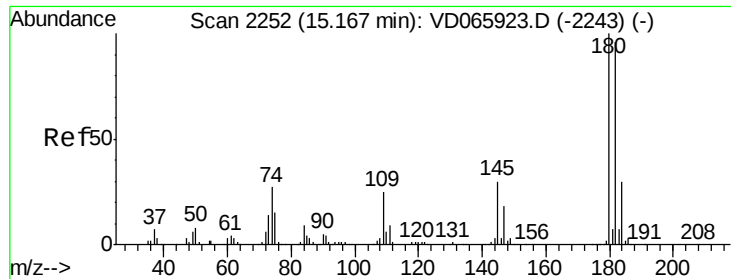
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.122 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	45.3	135.8
157	116.7	56.9	170.6





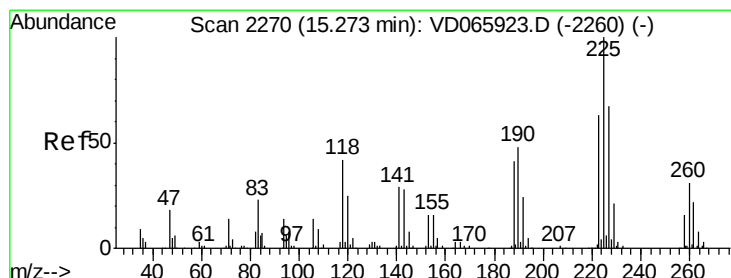
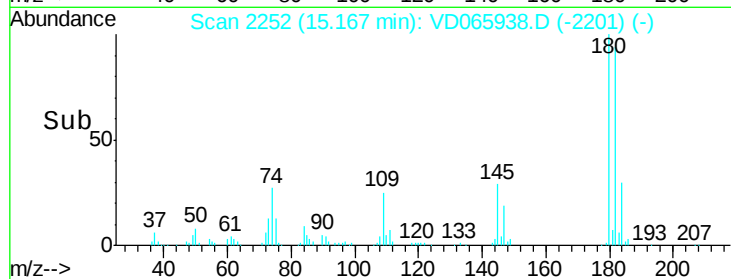
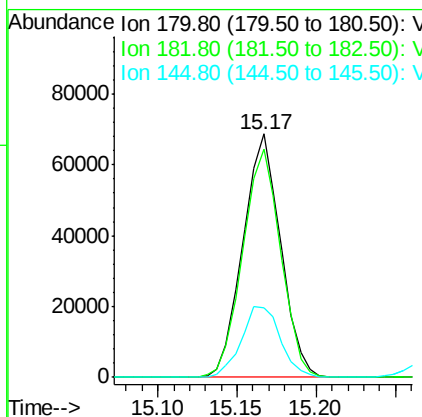
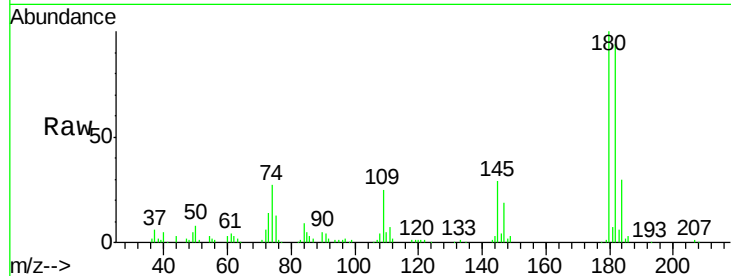
#93
1,2,4-Trichlorobenzene
Concen: 21.029 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.5	145.6
145	30.1	15.0	45.1

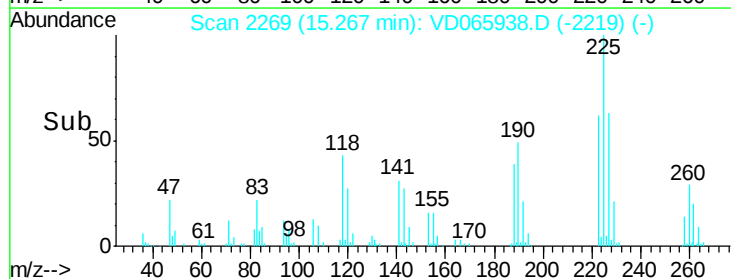
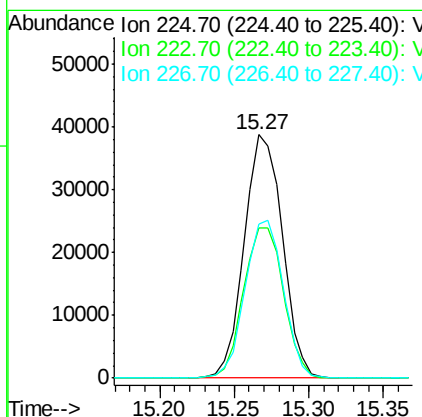
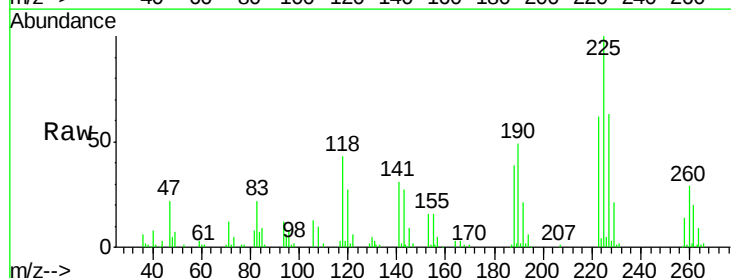
Manual Integrations
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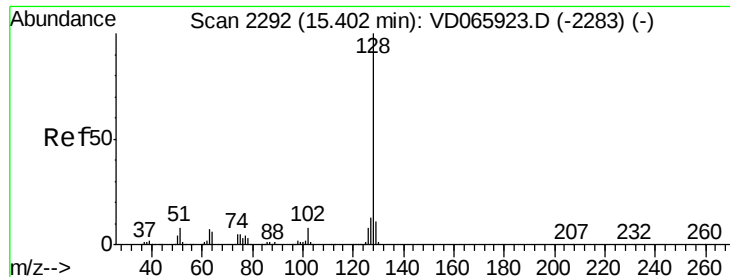
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#94
Hexachlorobutadiene
Concen: 21.020 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.1	93.2
227	64.8	31.6	95.0





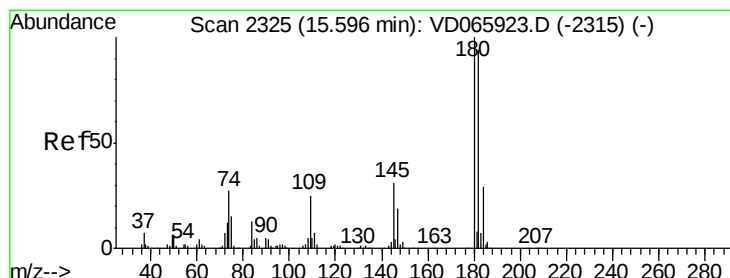
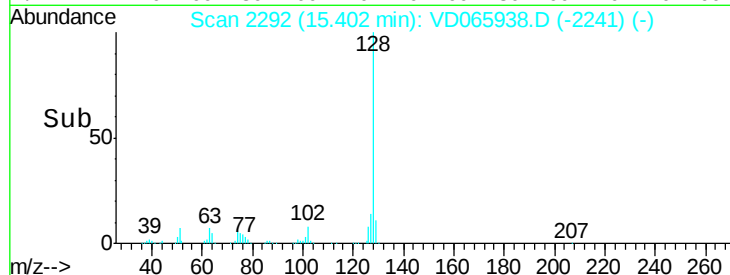
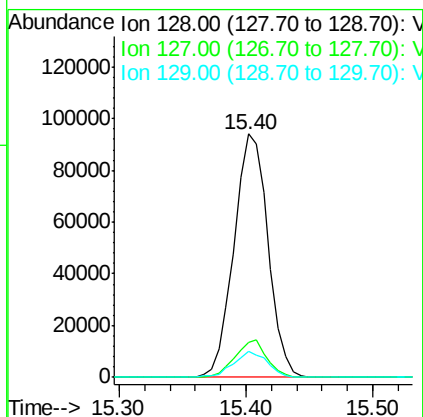
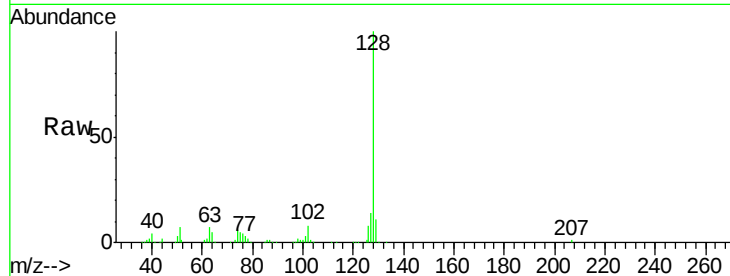
#95
Naphthalene
Concen: 19.324 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.8	16.2
129	10.6	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.814 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	32.2	16.1	48.2

