

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066925.D
 Acq On : 28 Sep 2020 20:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:46:46 AM

Quant Time: Sep 29 02:32:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	641620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	183952	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.91	113	193103	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	10.34	98	674302	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.63	95	236647	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	130184	46.483	ug/l	94
3) Chloromethane	2.20	50	149117	40.763	ug/l	98
4) Vinyl Chloride	2.35	62	144272	39.920	ug/l	97
5) Bromomethane	2.77	94	102983	40.542	ug/l	99
6) Chloroethane	2.92	64	96527	43.010	ug/l	96
7) Trichlorofluoromethane	3.27	101	340901	45.930	ug/l	97
8) Diethyl Ether	3.71	74	99792	52.961	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	198164	46.044	ug/l	99
10) Methyl Iodide	4.30	142	217337	57.226	ug/l	96
11) Tert butyl alcohol	5.21	59	59836	255.158	ug/l	100
12) 1,1-Dichloroethene	4.07	96	182627	46.843	ug/l	95
13) Acrolein	3.92	56	72164	251.031	ug/l	94
14) Allyl chloride	4.71	41	266915	46.623	ug/l	97
15) Acrylonitrile	5.42	53	223234	267.335	ug/l	97
16) Acetone	4.16	43	167742	202.915	ug/l	97
17) Carbon Disulfide	4.41	76	539618	45.272	ug/l	98
18) Methyl Acetate	4.71	43	99815	54.438	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	469324	55.432	ug/l	95
20) Methylene Chloride	4.96	84	244485	55.432	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	227461	50.387	ug/l	97
22) Diisopropyl ether	6.36	45	609797	51.805	ug/l	96
23) Vinyl Acetate	6.30	43	1557686	243.805	ug/l	96
24) 1,1-Dichloroethane	6.27	63	387095	49.157	ug/l	97
25) 2-Butanone	7.21	43	254870	256.557	ug/l	99
26) 2,2-Dichloropropane	7.21	77	311307	43.132	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	254516	51.890	ug/l	96
28) Bromochloromethane	7.54	49	161747	49.719	ug/l	95
29) Tetrahydrofuran	7.56	42	170329	267.587	ug/l	96
30) Chloroform	7.71	83	429979	50.655	ug/l	95
31) Cyclohexane	7.98	56	304862	43.026	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	374259	48.740	ug/l	98
36) 1,1-Dichloropropene	8.11	75	306566	48.161	ug/l	99
37) Ethyl Acetate	7.29	43	117862	51.219	ug/l #	94
38) Carbon Tetrachloride	8.09	117	339255	48.749	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	355694	48.669	ug/l	100
40) Benzene	8.35	78	893622	50.372	ug/l	98
41) Methacrylonitrile	7.52	41	65340	46.173	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	263330	50.211	ug/l	98
43) Isopropyl Acetate	8.45	43	231498	52.180	ug/l	99
44) Trichloroethene	9.11	130	257927	51.008	ug/l	99
45) 1,2-Dichloropropane	9.38	63	226199	50.678	ug/l	94
46) Dibromomethane	9.47	93	128002	52.782	ug/l	97
47) Bromodichloromethane	9.66	83	332329	51.013	ug/l #	96
48) Methyl methacrylate	9.46	41	111503	50.976	ug/l	97
49) 1,4-Dioxane	9.46	88	29850	1095.271	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	610603	271.622	ug/l	97
52) Toluene	10.40	92	590829	51.704	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	279032	50.323	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	334215	49.433	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	176926	53.070	ug/l	96
56) Ethyl methacrylate	10.66	69	206782	57.898	ug/l	97
57) 1,3-Dichloropropane	10.94	76	293583	53.331	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	415279	245.572	ug/l	98
59) 2-Hexanone	10.98	43	414376	273.338	ug/l	95
60) Dibromochloromethane	11.14	129	239490	55.041	ug/l	99
61) 1,2-Dibromoethane	11.24	107	173297	55.886	ug/l	99
64) Tetrachloroethene	10.87	164	228596	52.641	ug/l	96
65) Chlorobenzene	11.67	112	642043	51.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	251263	52.829	ug/l	98
67) Ethyl Benzene	11.74	91	1118433	50.675	ug/l	96
68) m/p-Xylenes	11.85	106	875000	104.712	ug/l	98
69) o-Xylene	12.18	106	409537	54.200	ug/l	95
70) Styrene	12.20	104	708094	53.963	ug/l	99
71) Bromoform	12.36	173	134062	55.671	ug/l #	98
73) Isopropylbenzene	12.48	105	1079855	51.175	ug/l	99
74) N-amyl acetate	12.29	43	214706	52.104	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	186676	51.269	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	116972m	48.322	ug/l	
77) Bromobenzene	12.76	156	261191	52.925	ug/l	95
78) n-propylbenzene	12.82	91	1252956	49.357	ug/l	97
79) 2-Chlorotoluene	12.91	91	720220	49.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	908336	50.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	40919	42.292	ug/l	98
82) 4-Chlorotoluene	13.01	91	774381	50.781	ug/l	99
83) tert-Butylbenzene	13.23	119	759013	51.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	918810	51.751	ug/l	100
85) sec-Butylbenzene	13.40	105	1063827	50.283	ug/l	99
86) p-Isopropyltoluene	13.52	119	982770	51.533	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	489206	50.175	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	486406	50.229	ug/l	99
89) n-Butylbenzene	13.84	91	888909	49.039	ug/l	99
90) Hexachloroethane	14.11	117	183038	47.276	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	426650	51.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29092	49.668	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	281331	53.576	ug/l	98
94) Hexachlorobutadiene	15.27	225	159668	50.741	ug/l	99
95) Naphthalene	15.40	128	528561	59.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	250498	55.270	ug/l	98

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

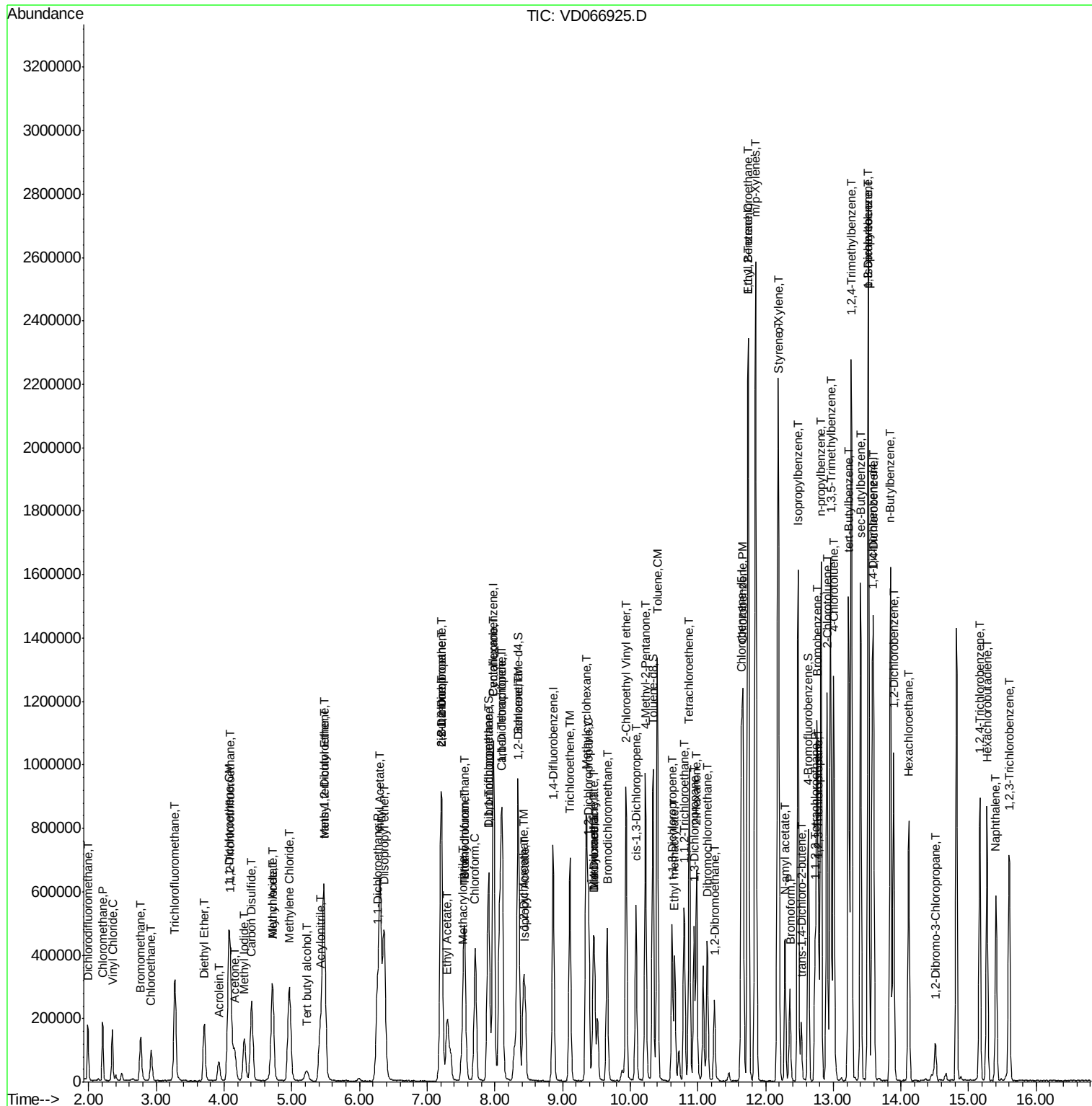
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
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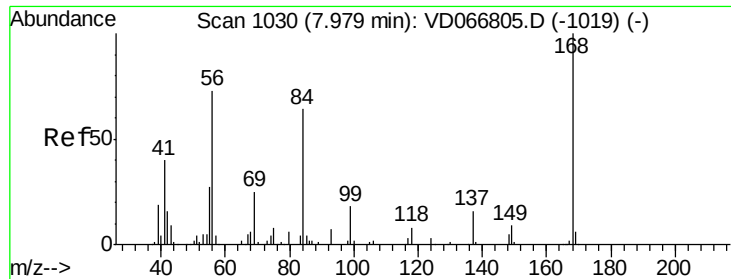
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 398144

Ion Ratio Lower Upper

168 100

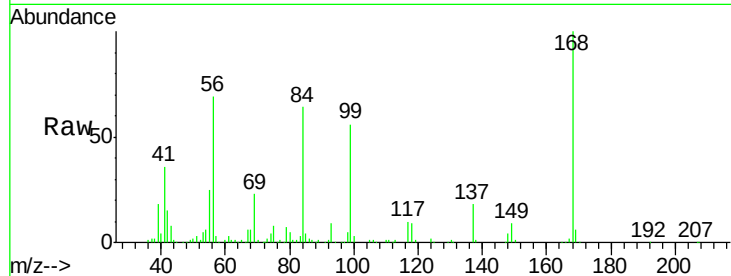
99 55.7 46.6 69.8

Manual Integrations

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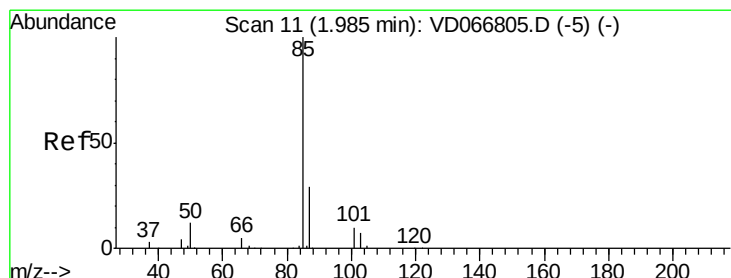
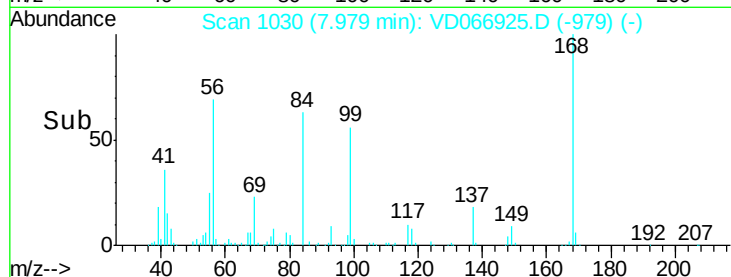
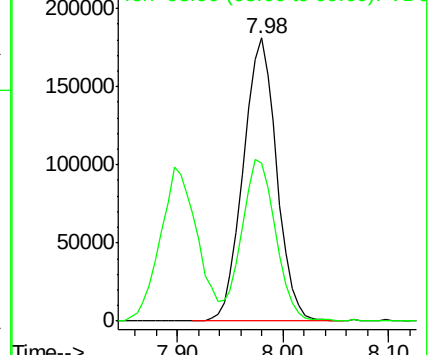
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.483 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066925.D

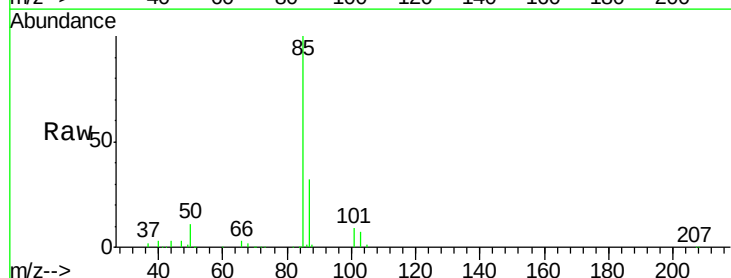
Acq: 28 Sep 2020 20:40

Tgt Ion: 85 Resp: 130184

Ion Ratio Lower Upper

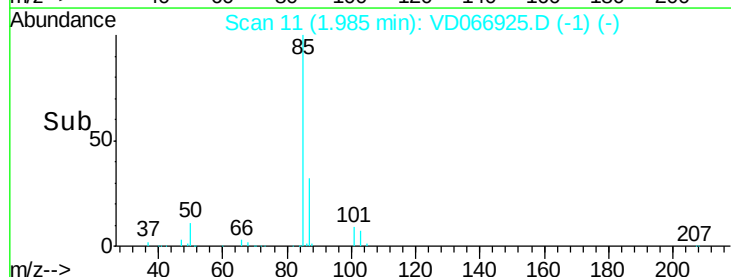
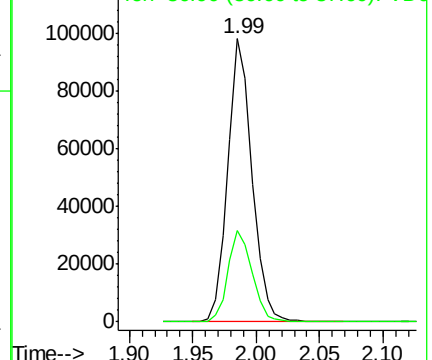
85 100

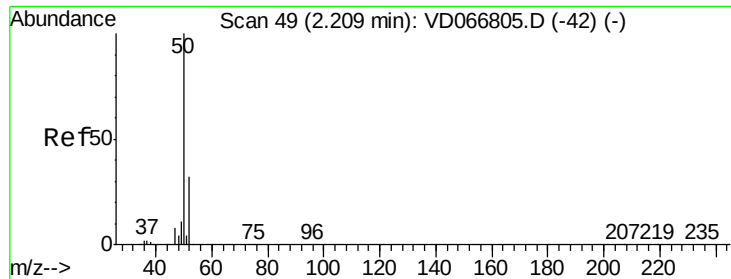
87 32.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.763 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 149117

Ion Ratio Lower Upper

50 100

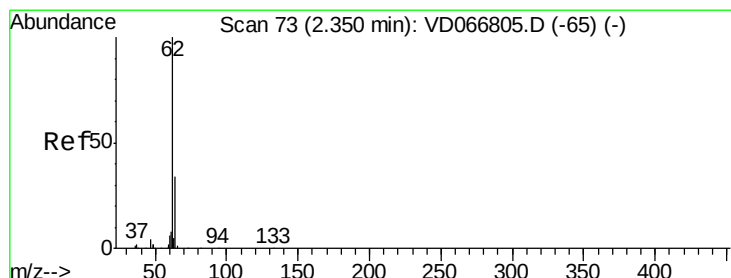
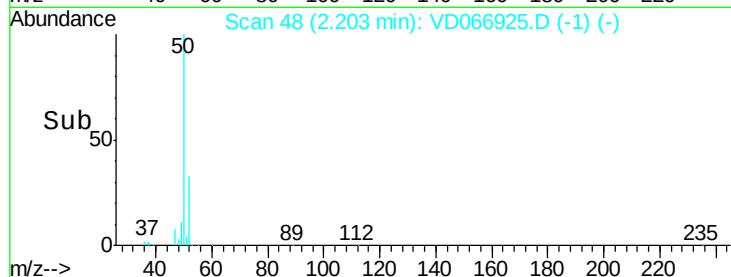
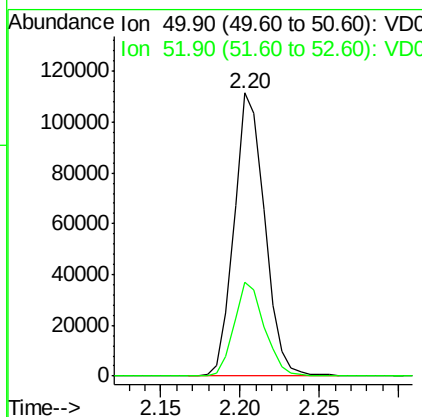
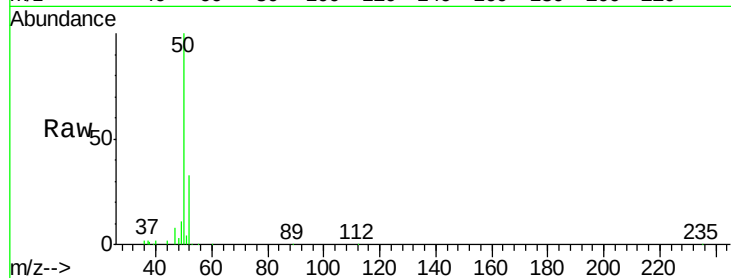
52 33.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 39.920 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066925.D

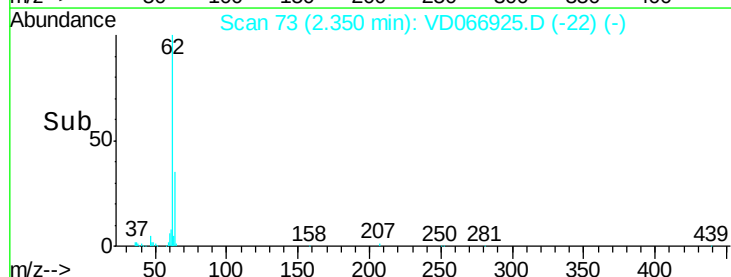
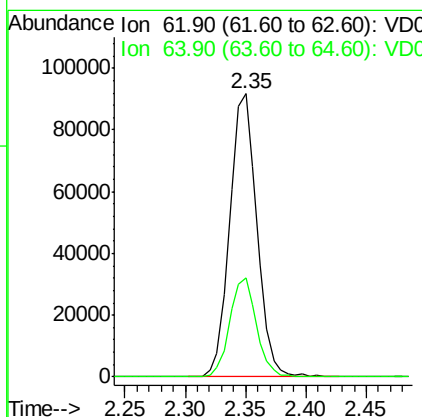
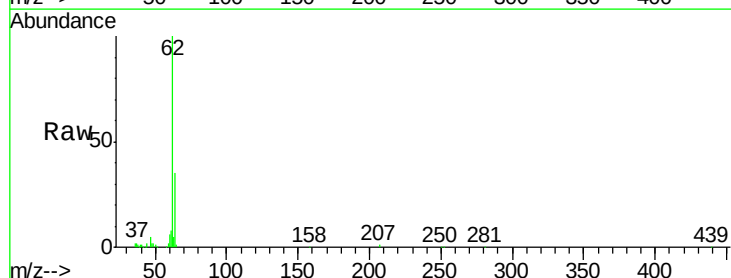
Acq: 28 Sep 2020 20:40

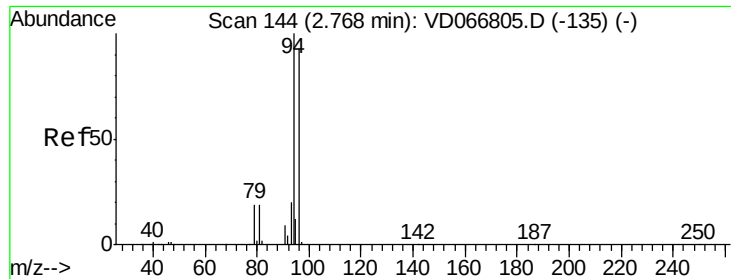
Tgt Ion: 62 Resp: 144272

Ion Ratio Lower Upper

62 100

64 35.2 27.0 40.4





#5

Bromomethane

Concen: 40.542 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

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Tot Ion: 94 Resp: 102983

Ion Ratio Lower Upper

94 100

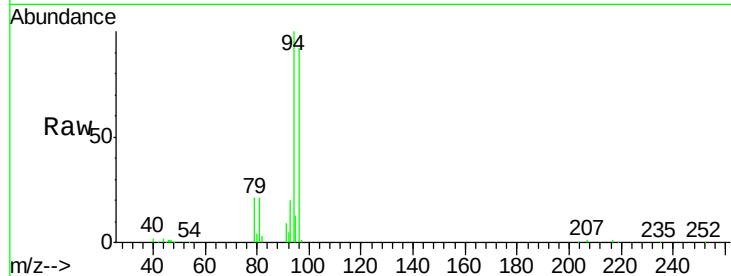
96 91.9 74.3 111.5

Manual Integrations

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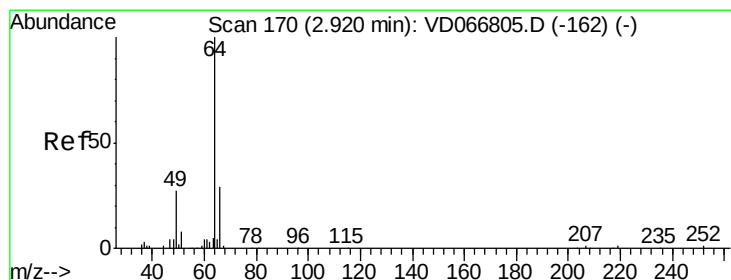
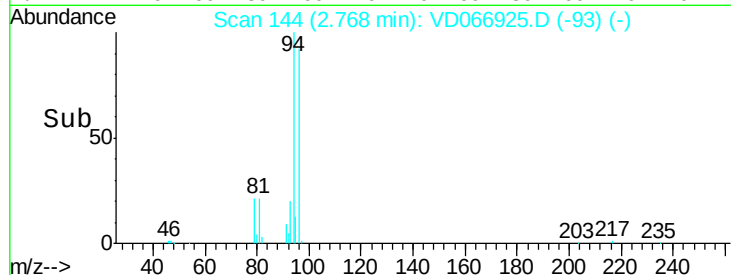
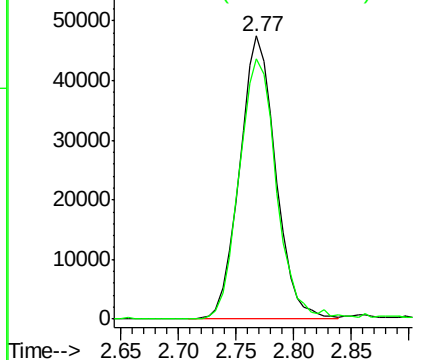
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.010 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066925.D

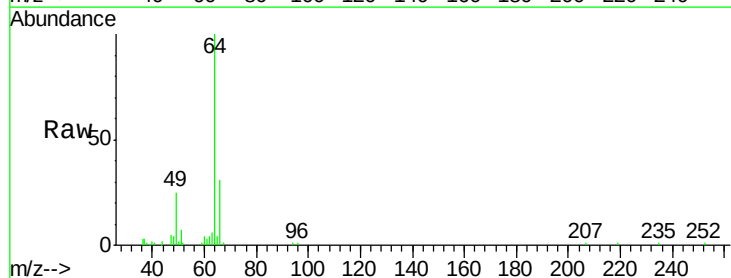
Acq: 28 Sep 2020 20:40

Tgt Ion: 64 Resp: 96527

Ion Ratio Lower Upper

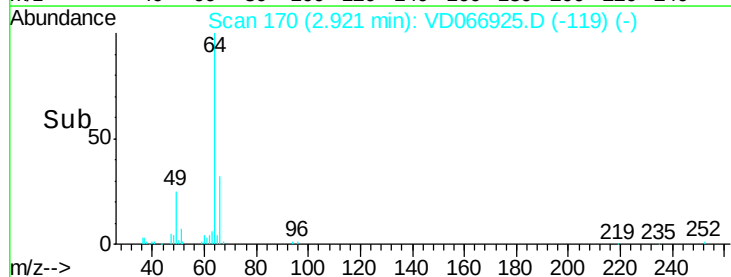
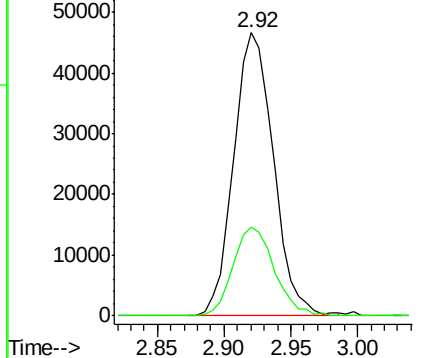
64 100

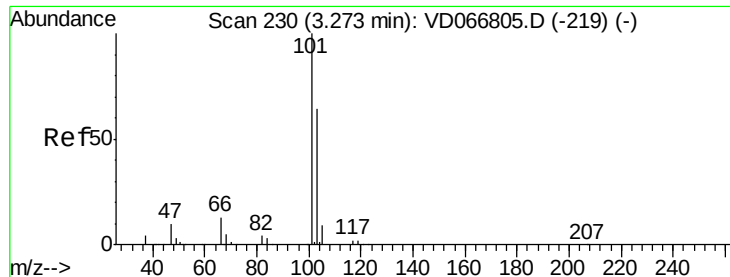
66 31.5 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

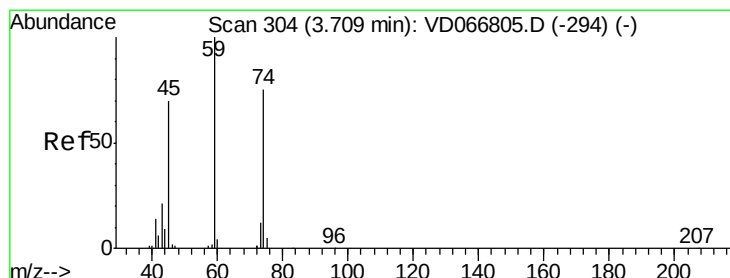
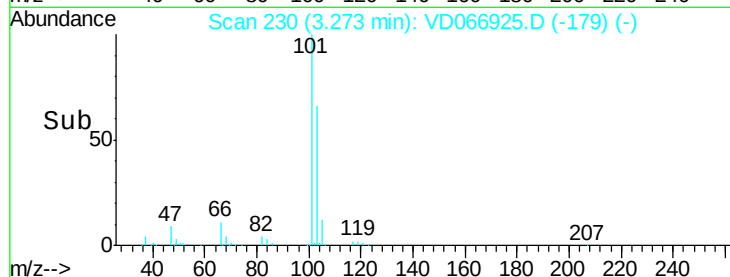
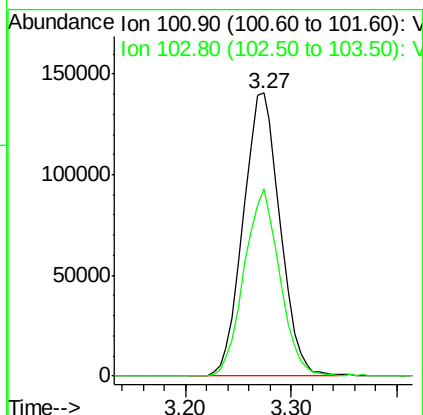
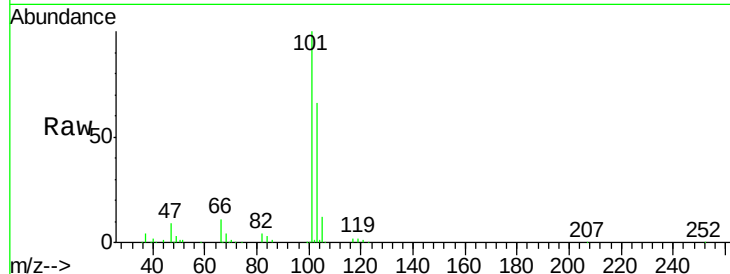
Trichlorofluoromethane
 Concen: 45.930 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.0	76.6

Manual Integrations
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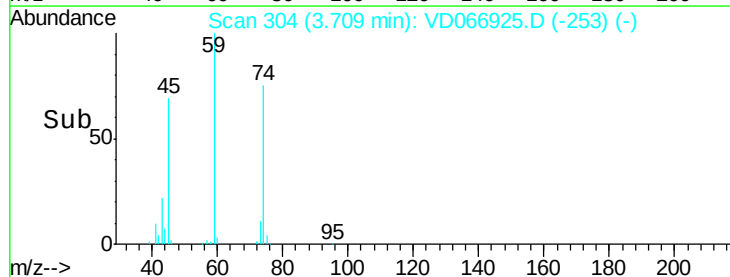
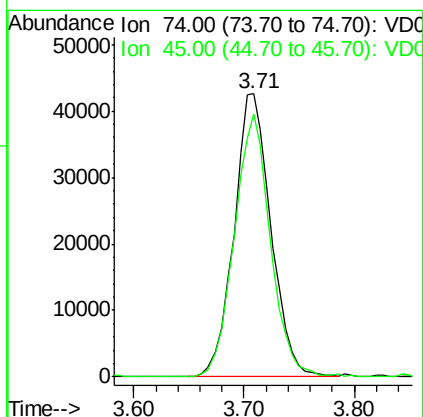
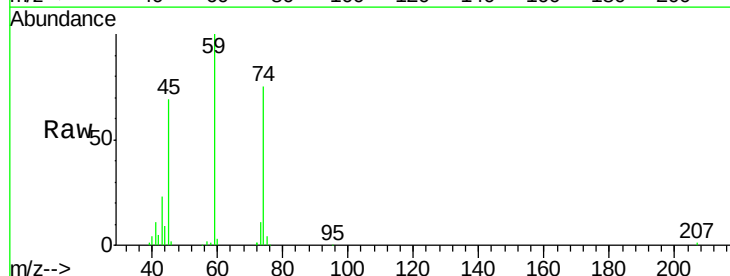
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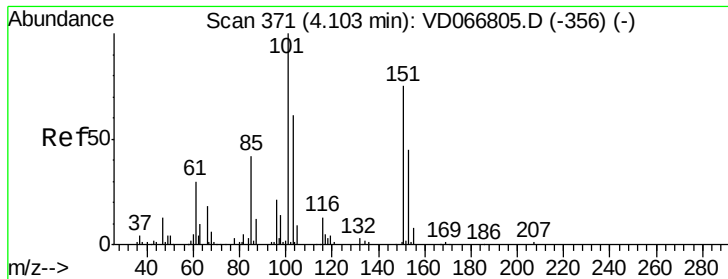


#8

Diethyl Ether
 Concen: 52.961 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.044 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

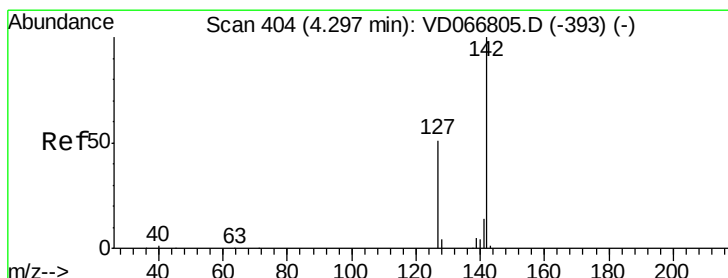
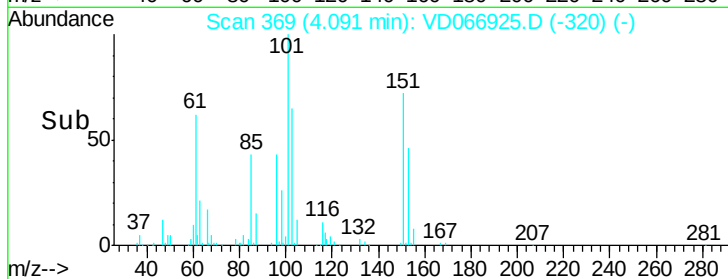
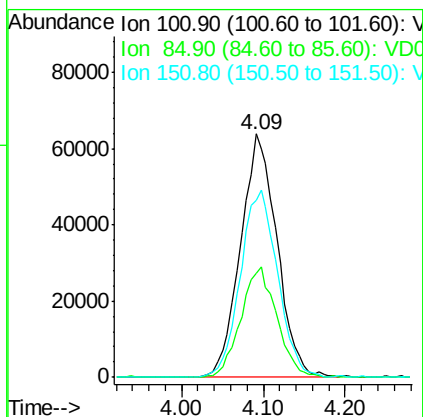
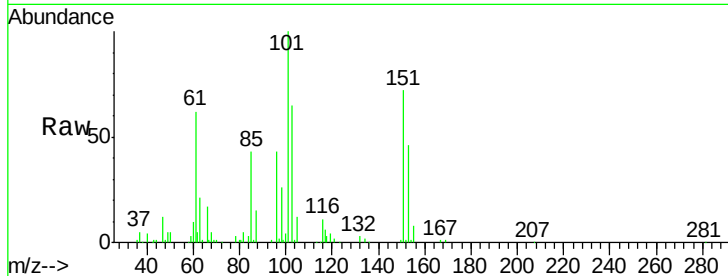
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	198164
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.4	53.2
151	78.4	61.4	92.0

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#10

Methyl Iodide

Concen: 57.226 ug/l

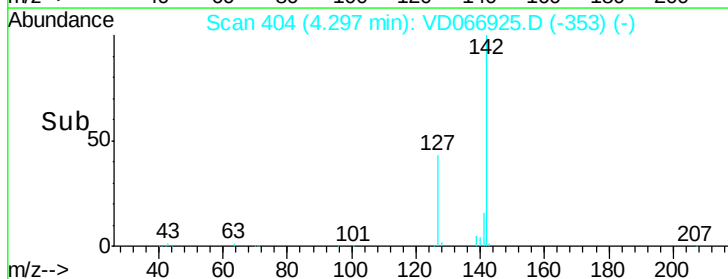
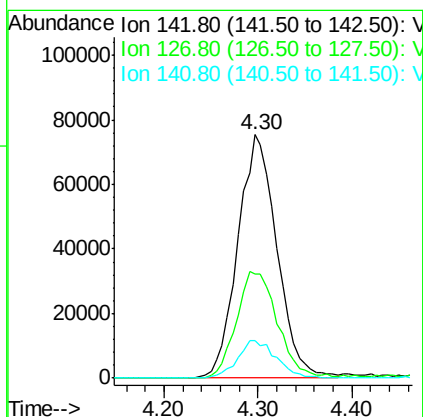
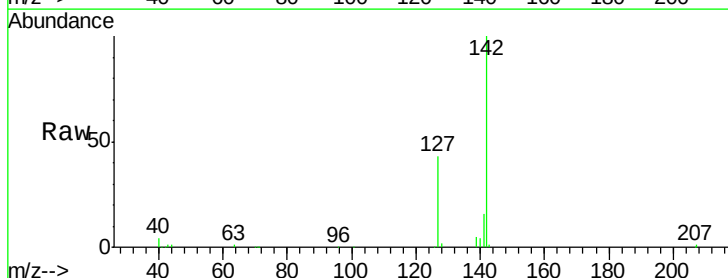
RT: 4.30 min Scan# 404

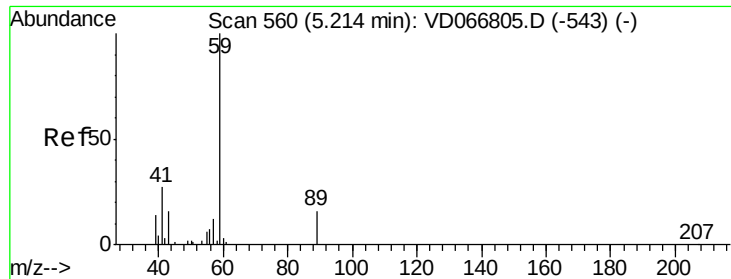
Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	142	Resp:	217337
Ion Ratio	Lower	Upper	
142	100		
127	45.5	39.4	59.0
141	15.1	12.1	18.1





#11

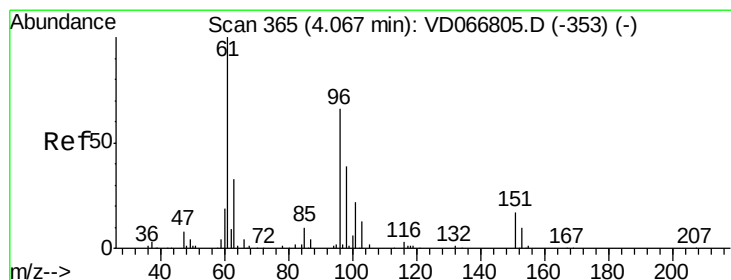
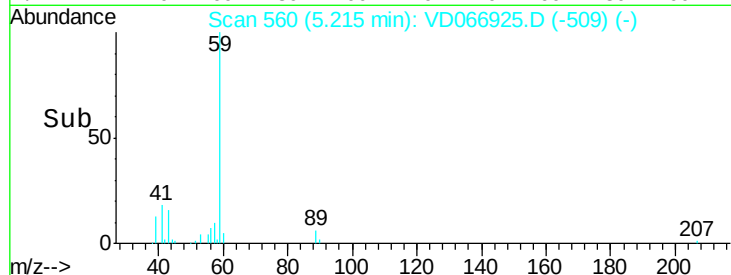
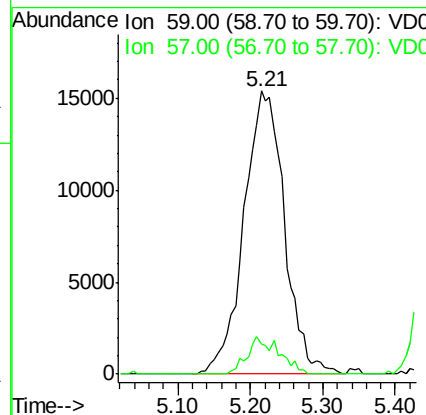
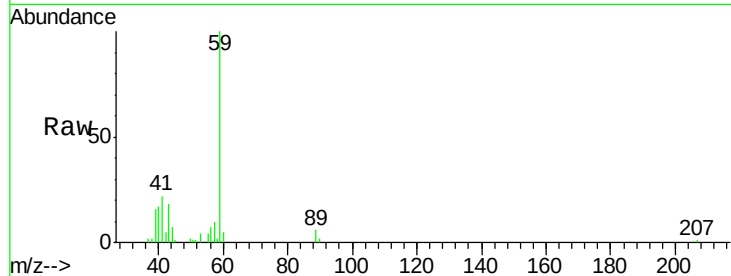
Tert butyl alcohol
Concen: 255.158 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	59836		
57	10.3		8.3	12.5

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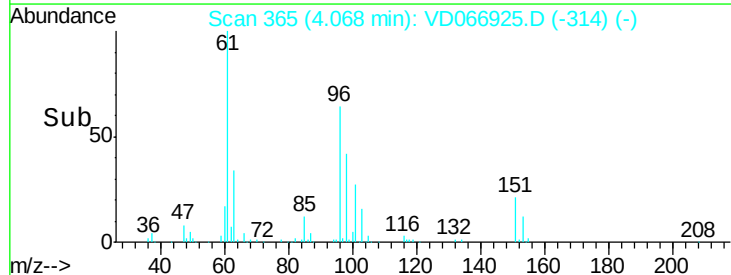
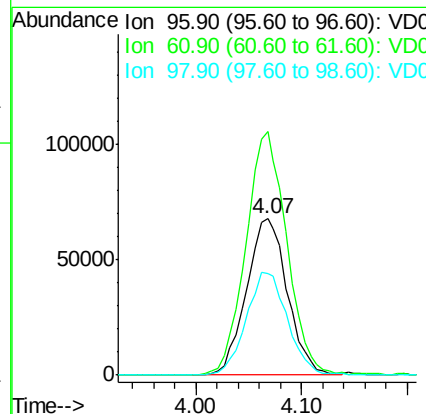
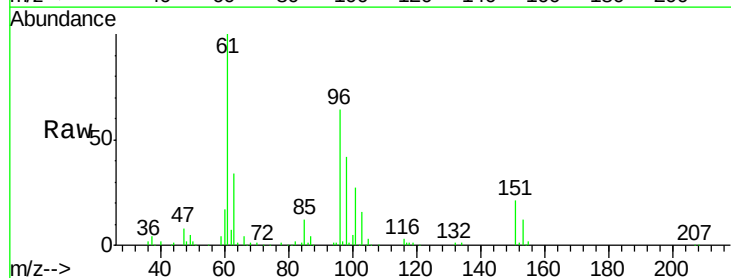
MMDadoda
9/29/2020 11:46:46 AM

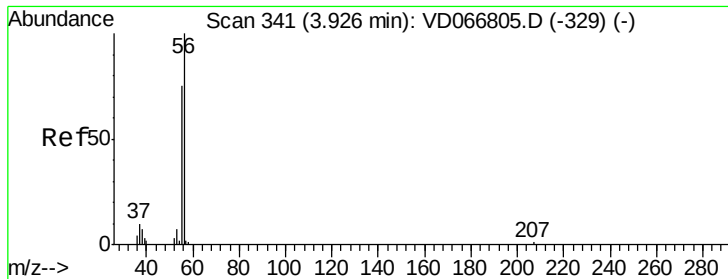


#12

1,1-Dichloroethene
Concen: 46.843 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	182627		
61	156.0		120.8	181.2
98	65.0		47.7	71.5





#13

Acrolein

Concen: 251.031 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 72164

Ion Ratio Lower Upper

56 100

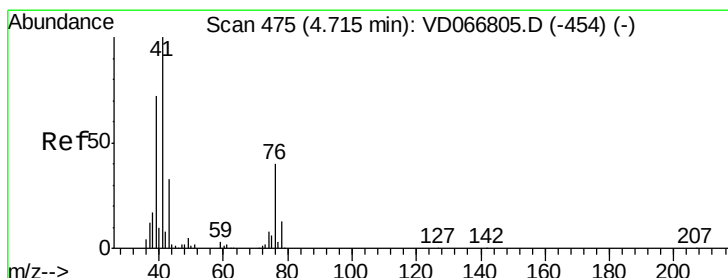
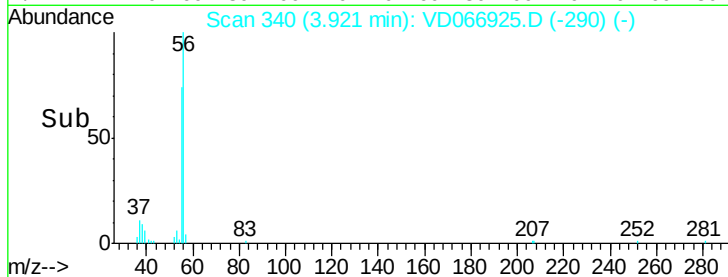
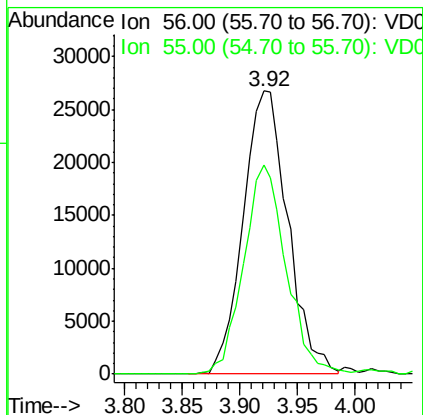
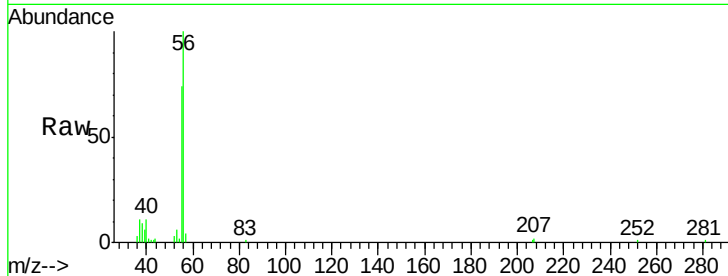
55 70.3 60.3 90.5

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#14

Allyl chloride

Concen: 46.623 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

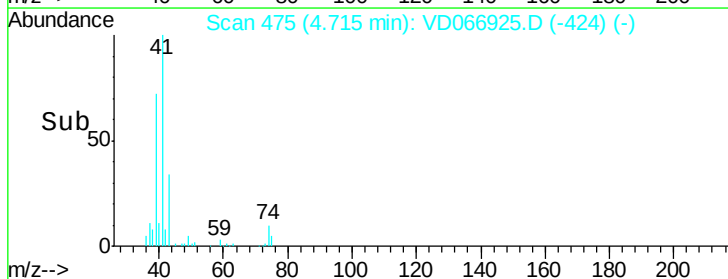
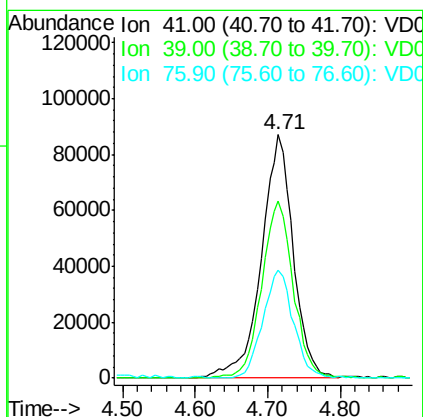
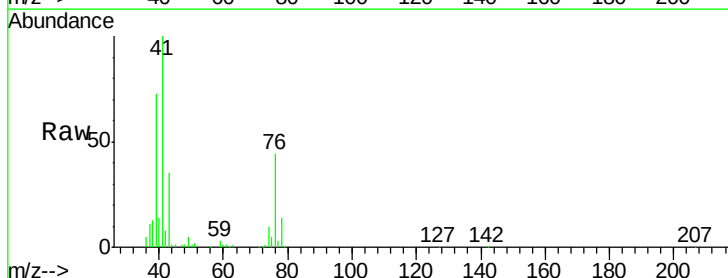
Tgt Ion: 41 Resp: 266915

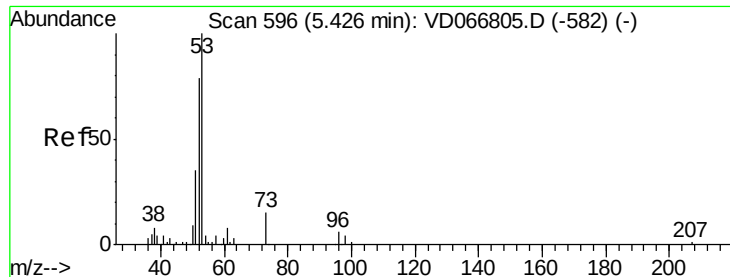
Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

76 42.7 30.9 46.3





#15

Acrylonitrile

Concen: 267.335 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

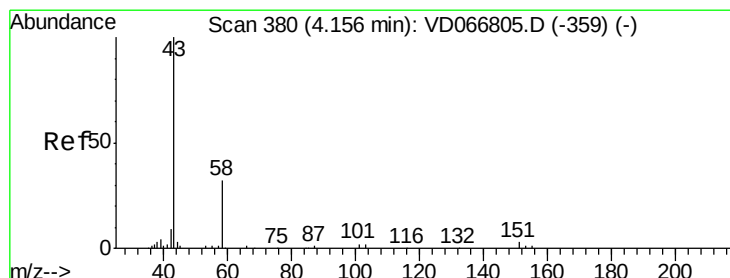
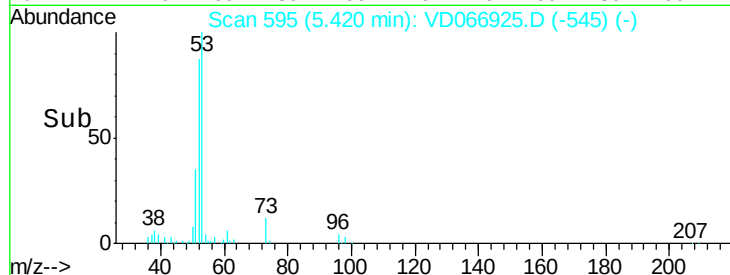
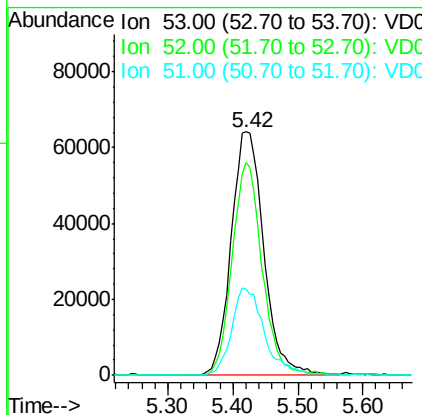
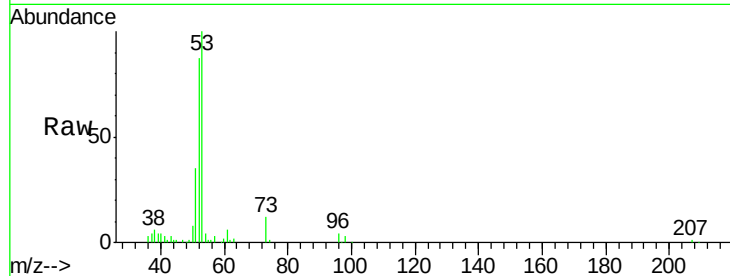
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	223234
Ion Ratio	Lower	Upper	
53	100		
52	79.7	65.2	97.8
51	35.8	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 202.915 ug/l

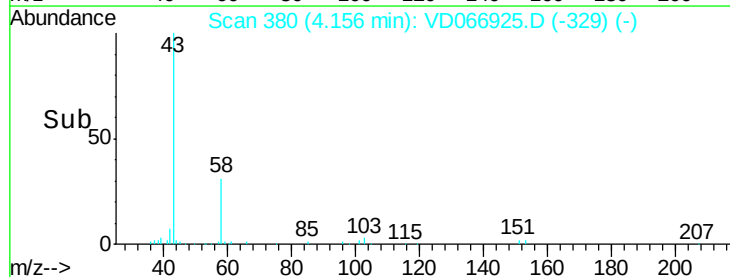
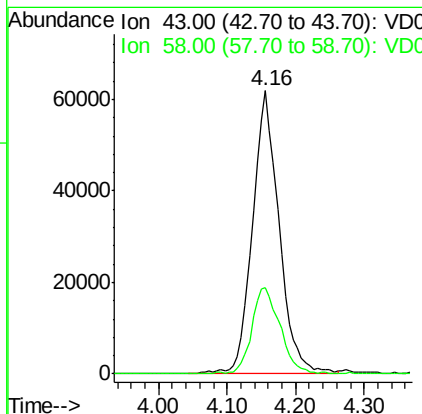
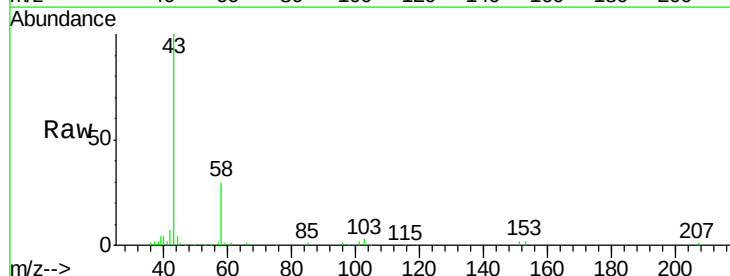
RT: 4.16 min Scan# 380

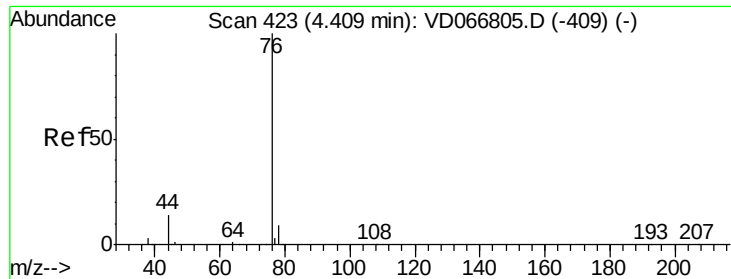
Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	43	Resp:	167742
Ion Ratio	Lower	Upper	
43	100		
58	30.4	25.6	38.4





#17

Carbon Disulfide

Concen: 45.272 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 539618

Ion Ratio Lower Upper

76 100

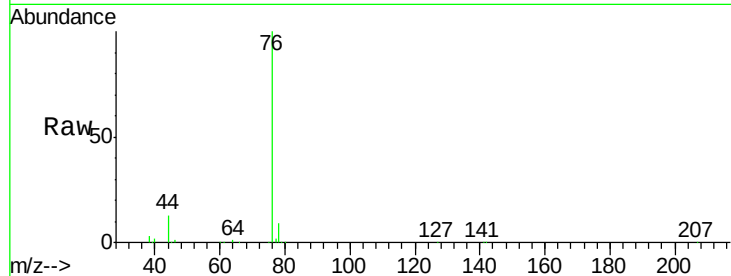
78 8.7 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

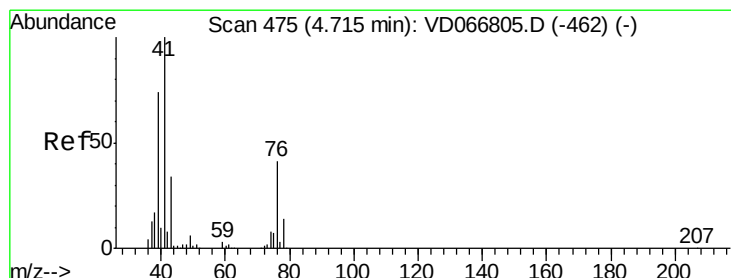
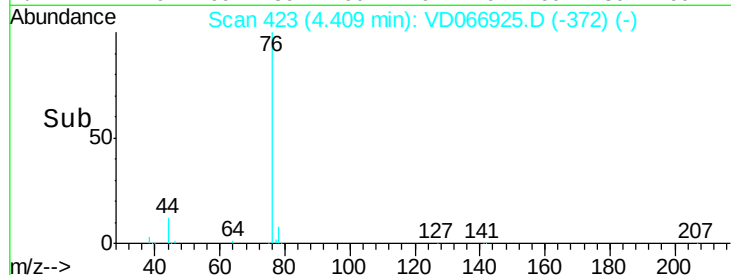
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.438 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066925.D

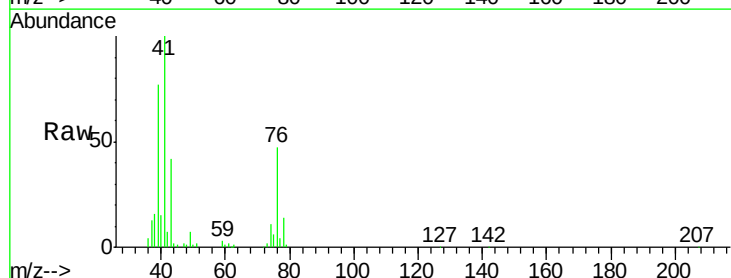
Acq: 28 Sep 2020 20:40

Tgt Ion: 43 Resp: 99815

Ion Ratio Lower Upper

43 100

74 27.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

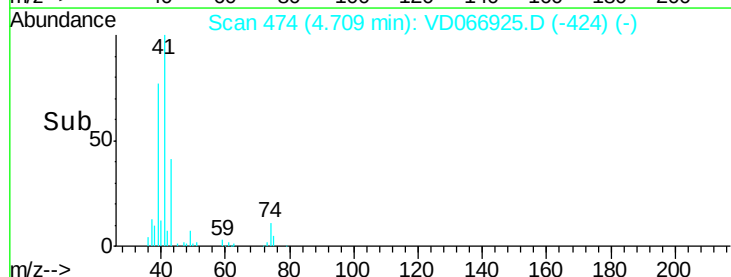
30000

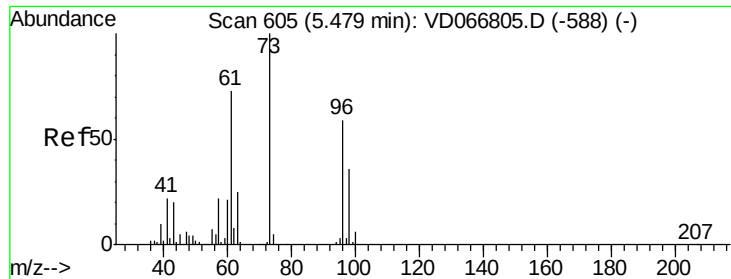
20000

10000

0

Time-->





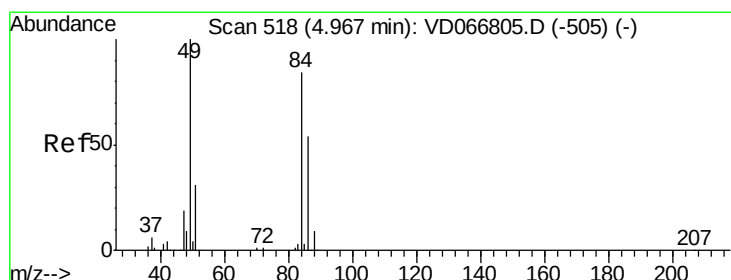
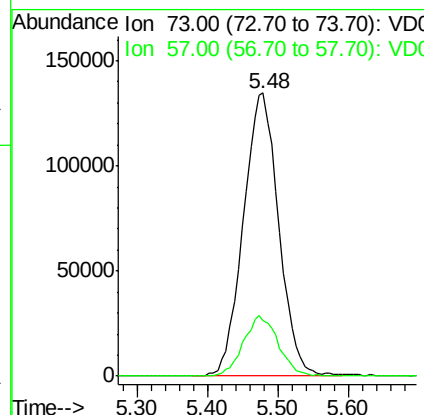
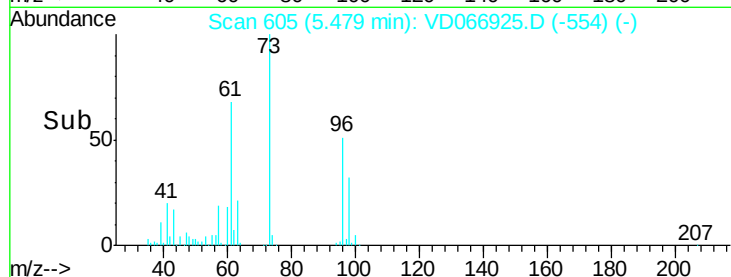
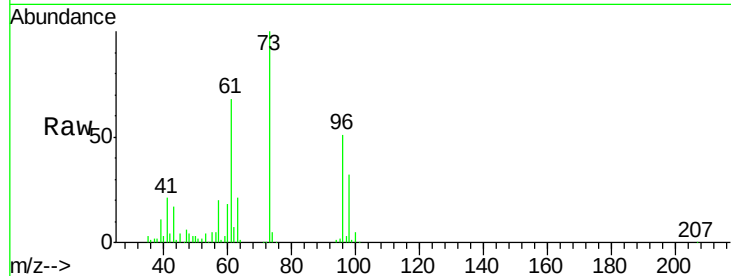
#19
Methyl tert-butyl Ether
Concen: 55.432 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.4	26.2

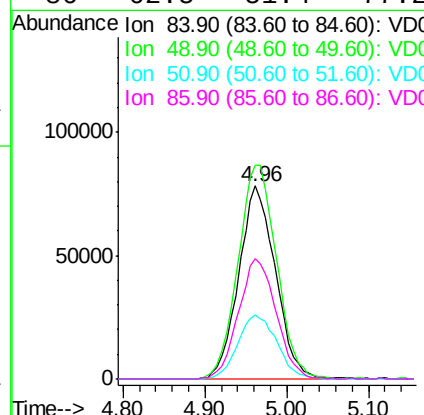
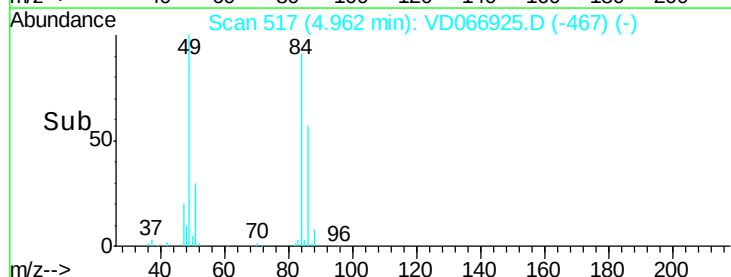
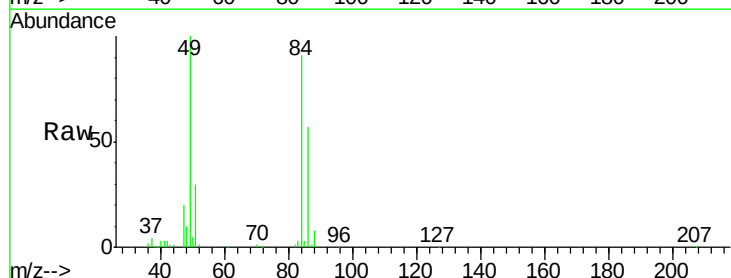
Manual Integrations
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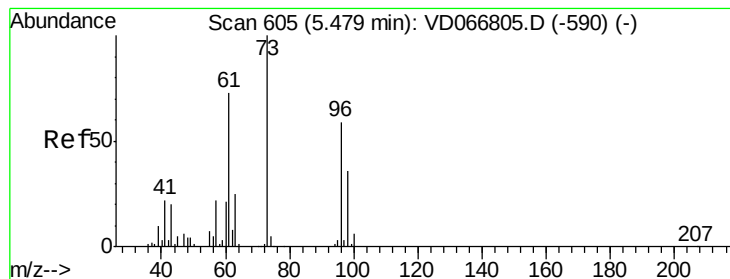
MMDadoda
9/29/2020 11:46:46 AM



#20
Methylene Chloride
Concen: 55.432 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.3	95.4	143.2
51	33.1	29.7	44.5
86	62.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 50.387 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

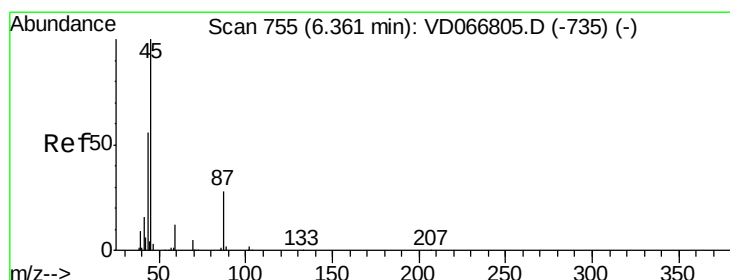
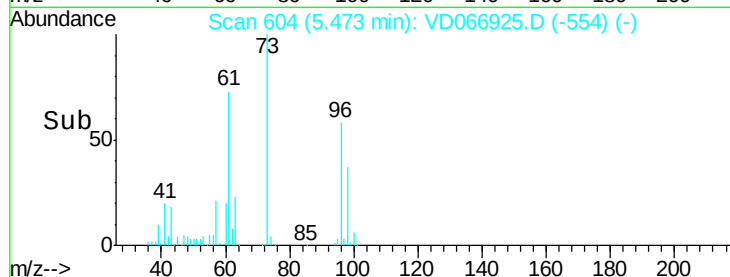
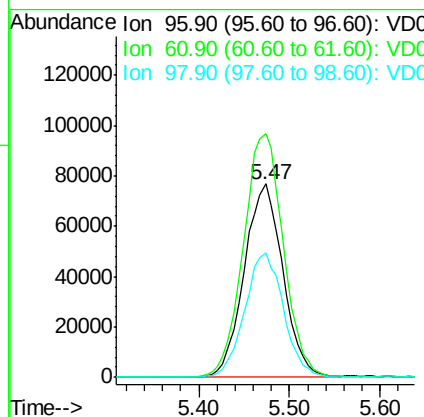
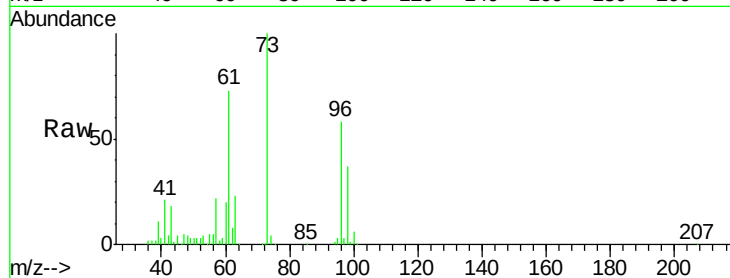
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	227461
Ion	Ratio	Lower	Upper
96	100		
61	125.8	98.9	148.3
98	64.6	48.4	72.6

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#22

Diisopropyl ether

Concen: 51.805 ug/l

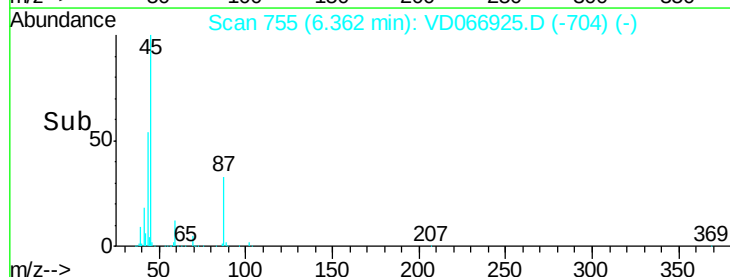
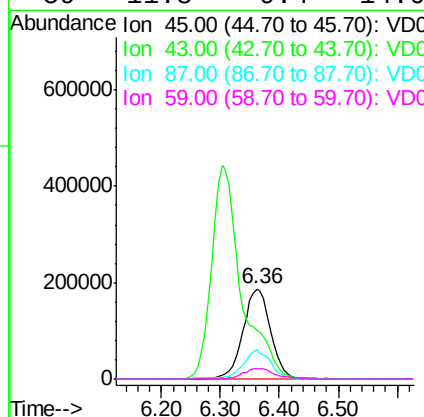
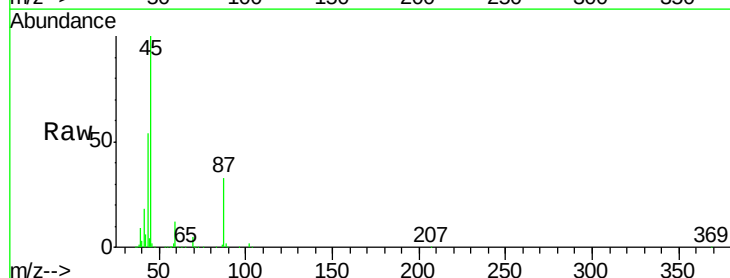
RT: 6.36 min Scan# 755

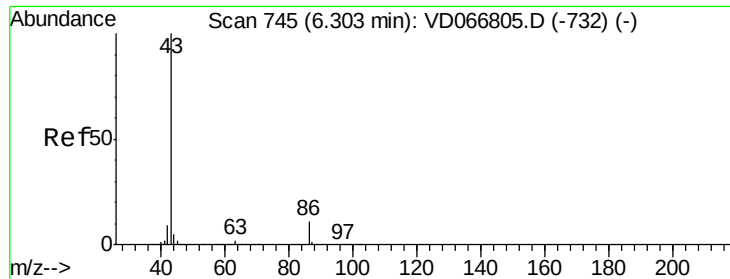
Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	45	Resp:	609797
Ion	Ratio	Lower	Upper
45	100		
43	52.9	44.5	66.7
87	32.6	22.9	34.3
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 243.805 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1557686

Ion Ratio Lower Upper

43 100

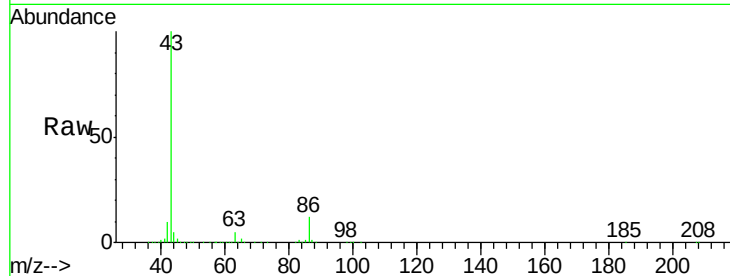
86 12.4 8.9 13.3

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

400000

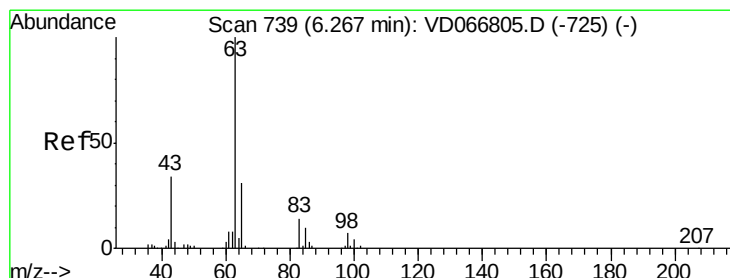
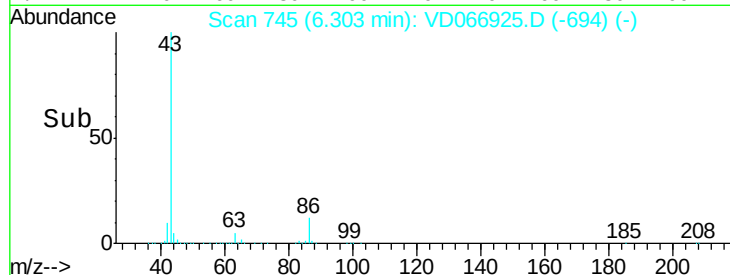
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 49.157 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

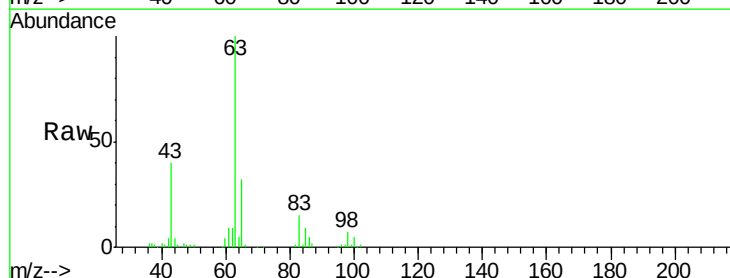
Tgt Ion: 63 Resp: 387095

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 5.5 1.8 5.5



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

6.27

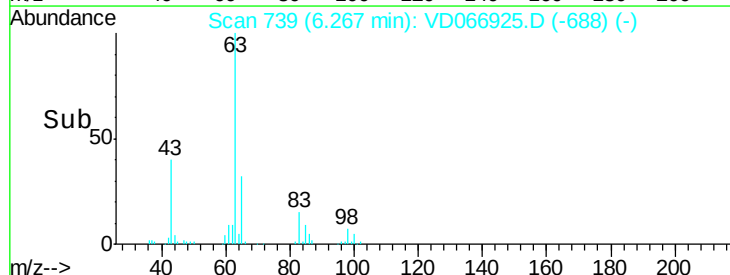
150000

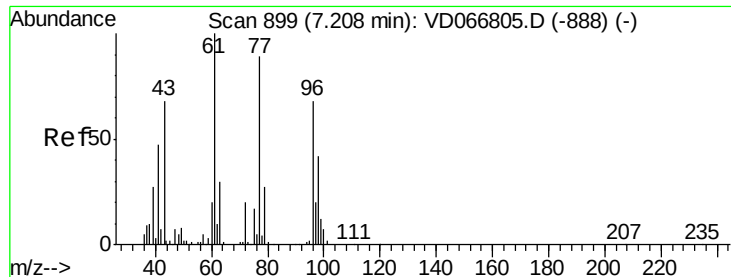
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 256.557 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 254870

Ion Ratio Lower Upper

43 100

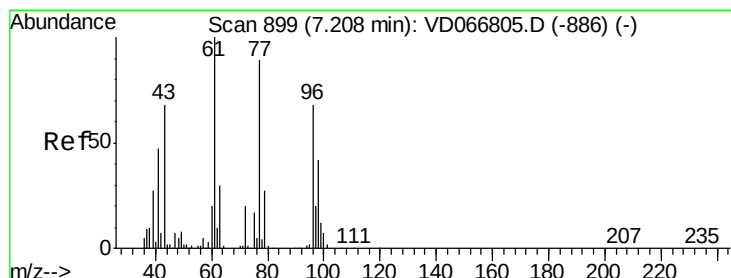
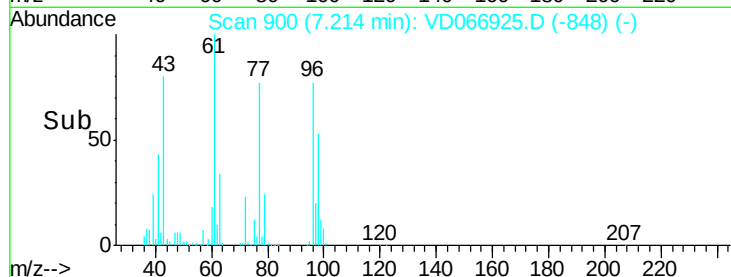
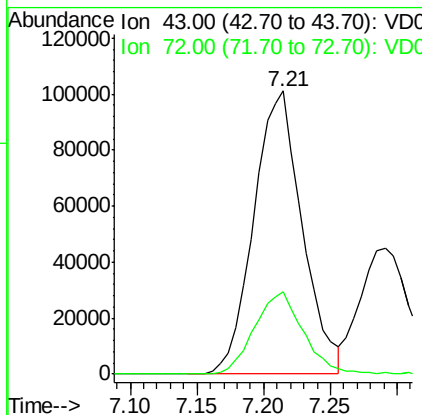
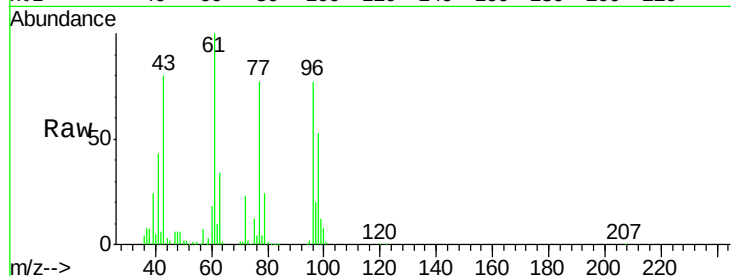
72 28.9 22.9 34.3

Manual Integrations

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9/29/2020 11:46:46 AM



#26

2,2-Dichloropropane

Concen: 43.132 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066925.D

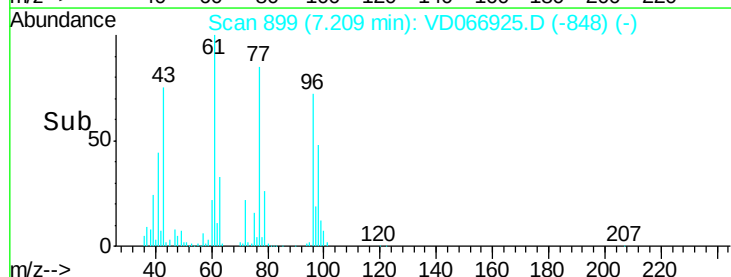
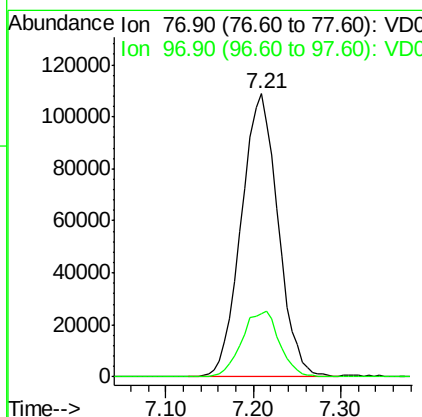
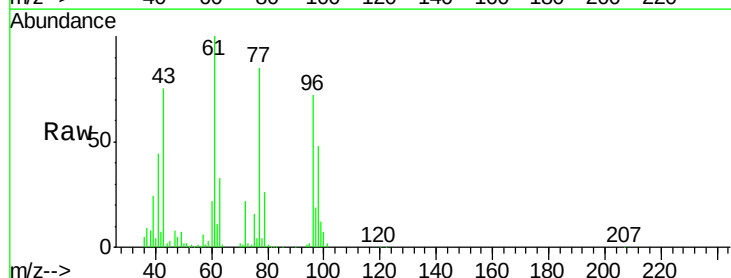
Acq: 28 Sep 2020 20:40

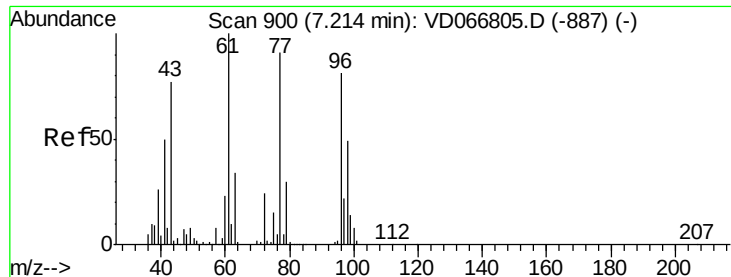
Tgt Ion: 77 Resp: 311307

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.890 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

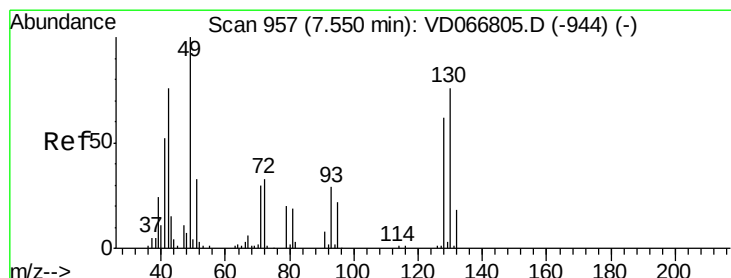
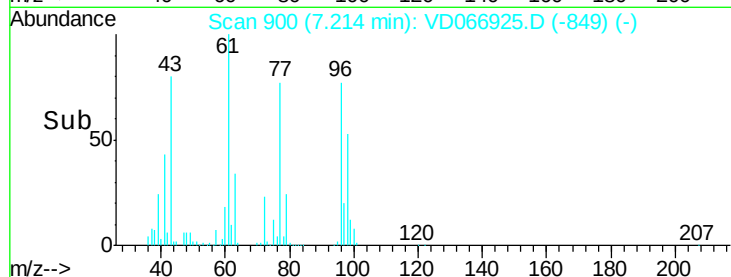
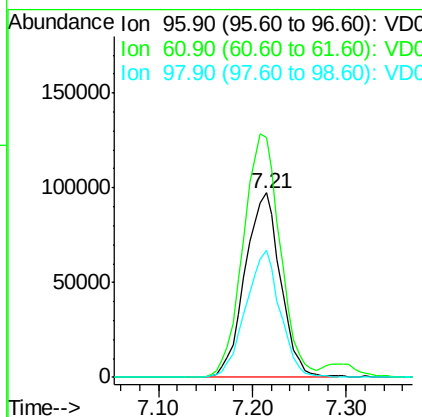
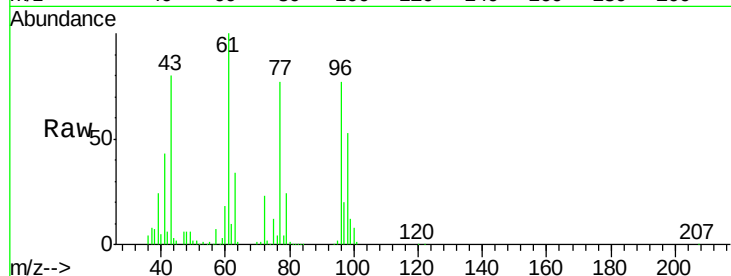
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	254516
Ion Ratio	Lower	Upper	
96	100		
61	137.1	0.0	283.8
98	66.7	0.0	128.4

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#28

Bromochloromethane

Concen: 49.719 ug/l

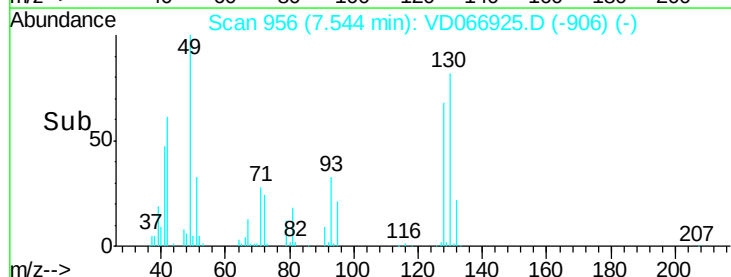
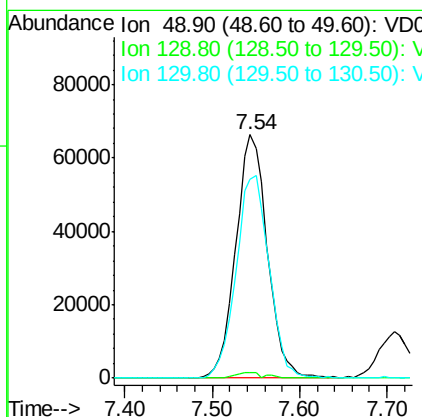
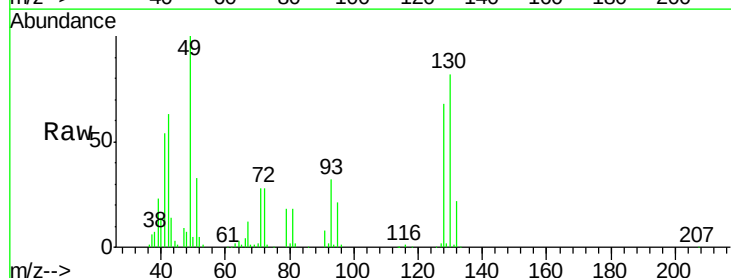
RT: 7.54 min Scan# 956

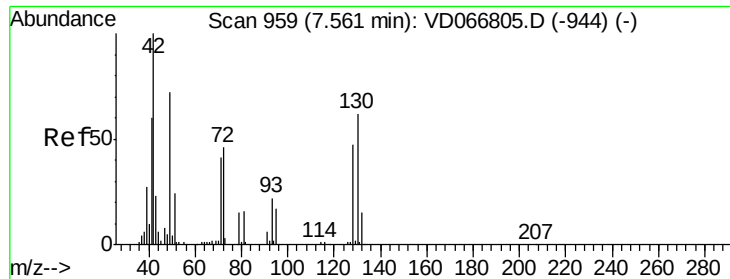
Delta R.T. -0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	49	Resp:	161747
Ion Ratio	Lower	Upper	
49	100		
129	1.4	0.0	2.0
130	87.3	65.9	98.9





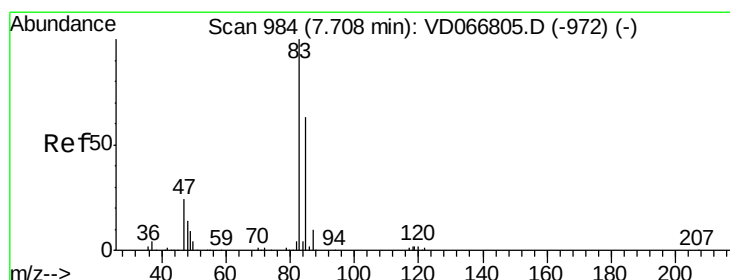
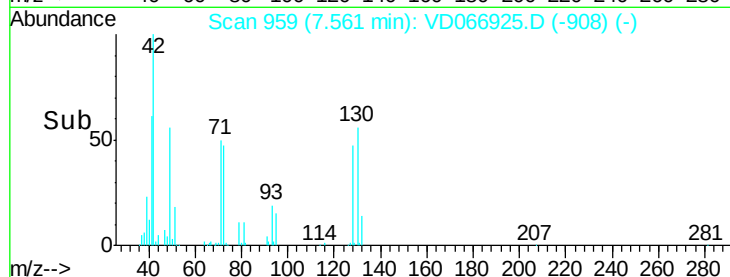
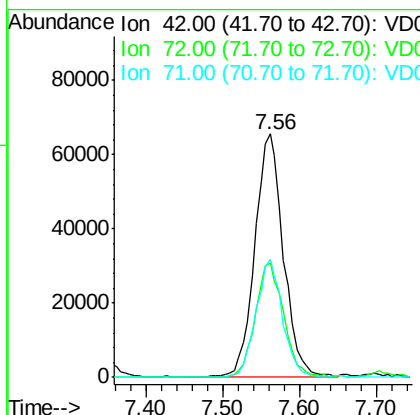
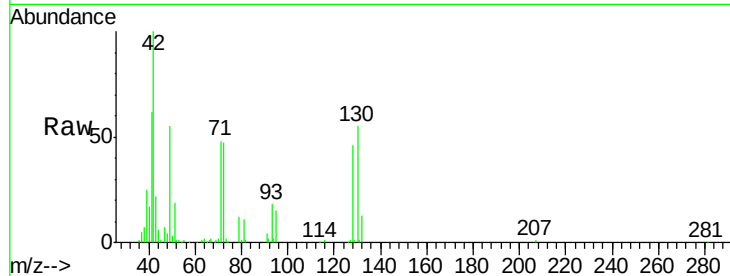
#29
Tetrahydrofuran
Concen: 267.587 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.2	54.4
71	44.9	32.4	48.6

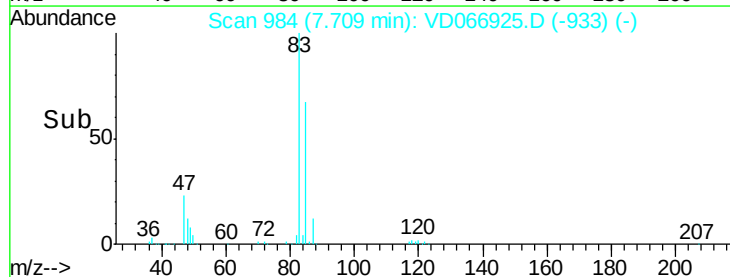
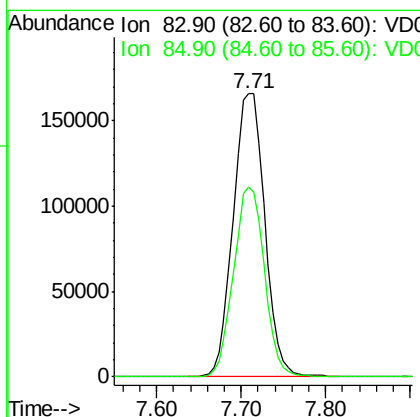
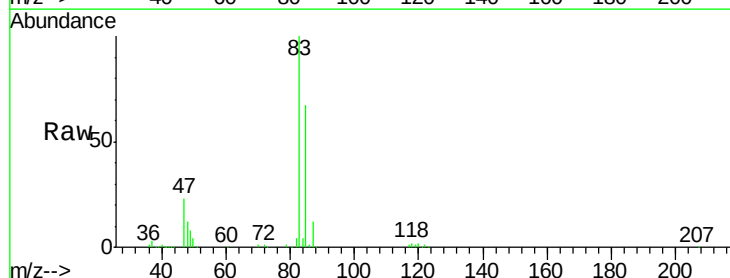
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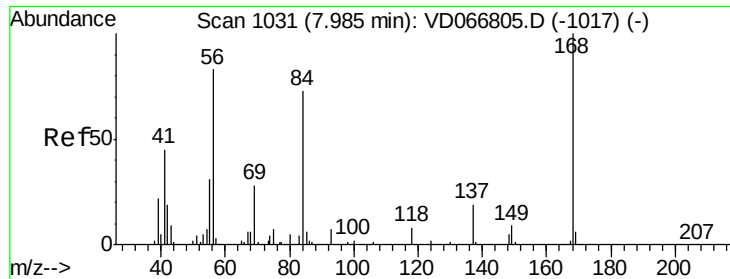
MMDadoda
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#30
Chloroform
Concen: 50.655 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.6	75.8





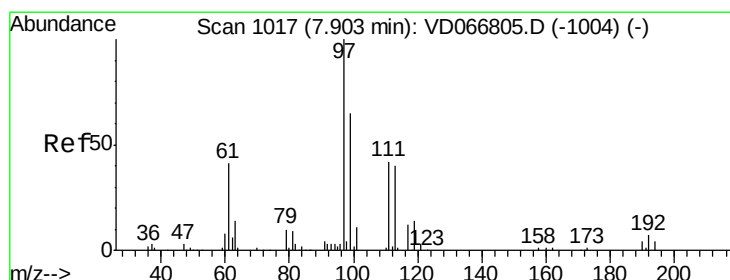
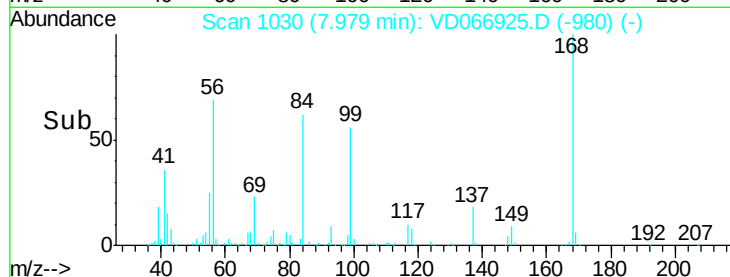
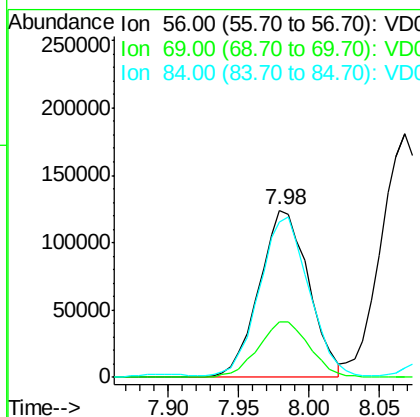
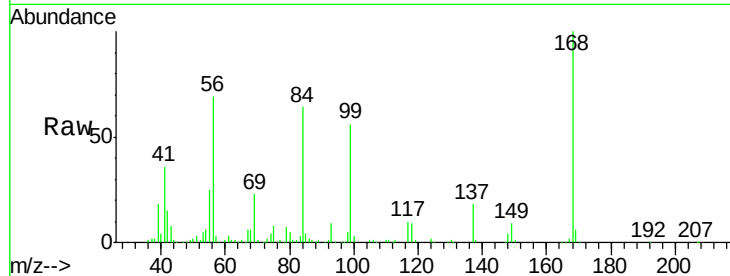
#31
Cyclohexane
Concen: 43.026 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.0	40.4
84	91.4	70.2	105.4

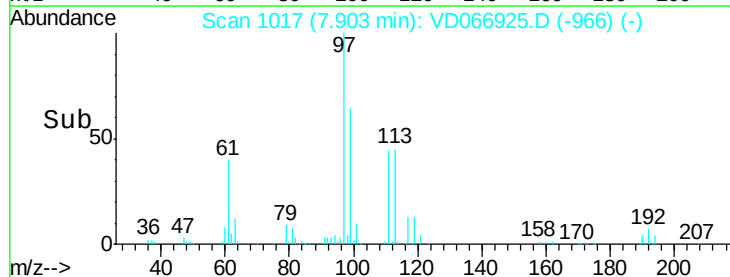
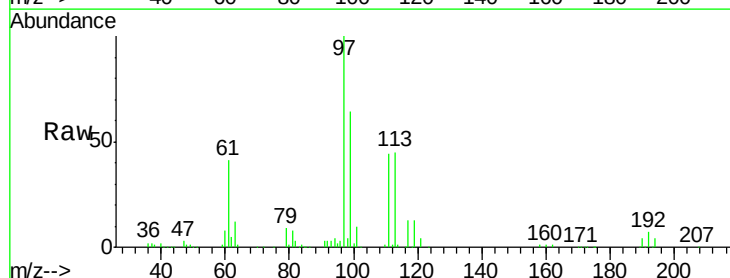
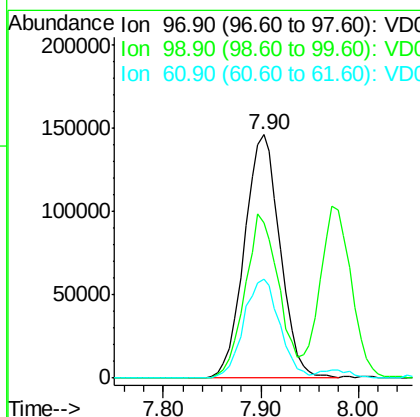
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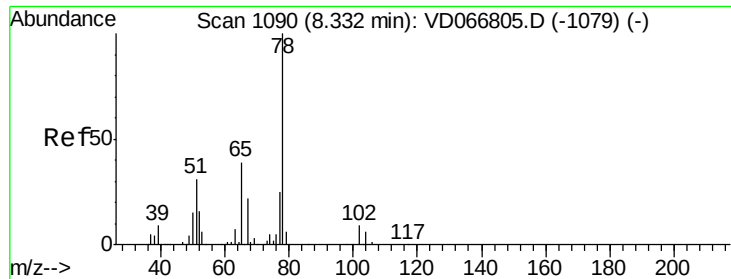
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#32
1,1,1-Trichloroethane
Concen: 48.740 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	41.0	34.2	51.4





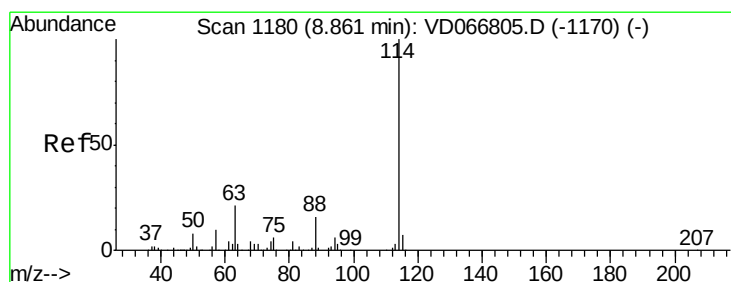
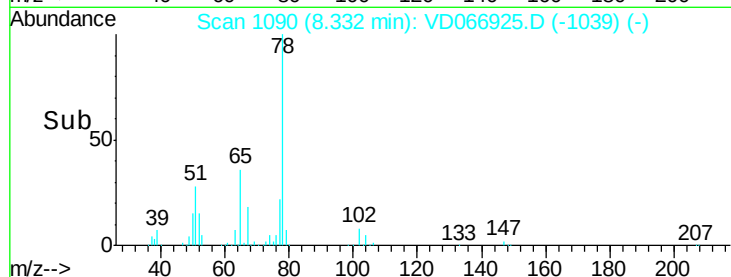
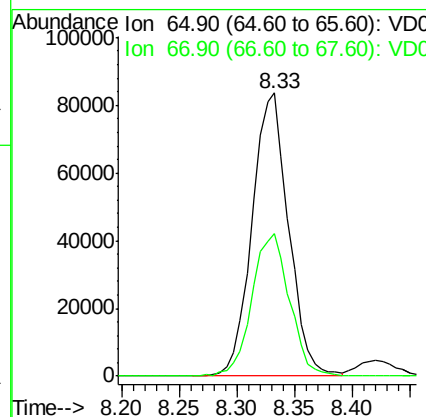
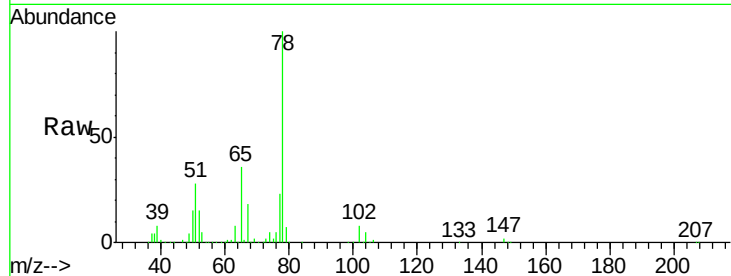
#33
 1,2-Dichloroethane-d4
 Concen: 47.205 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183952		
67	52.0	0.0	107.2	

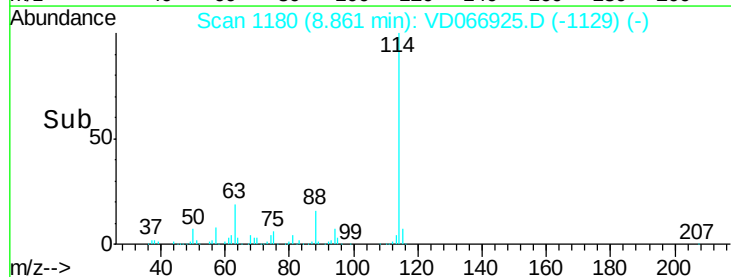
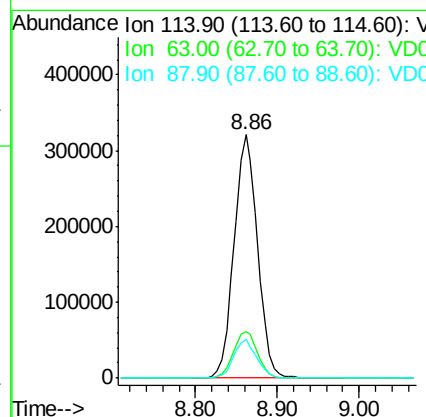
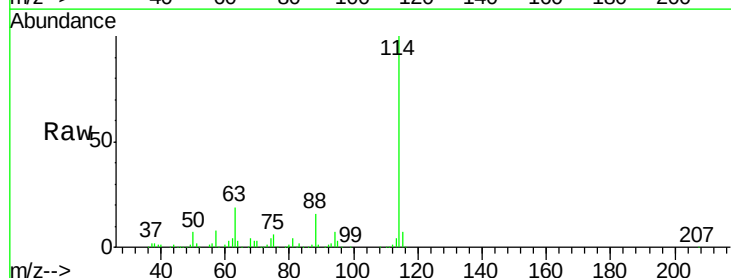
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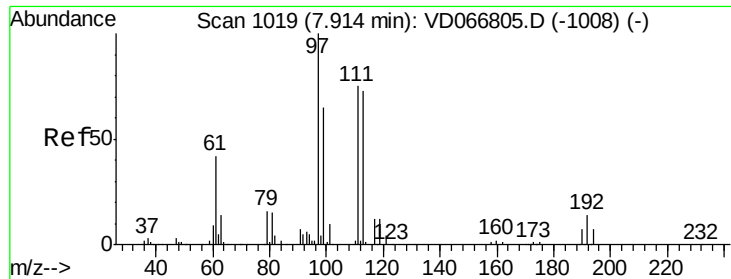
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	641620		
63	19.4	0.0	42.6	
88	15.7	0.0	32.6	





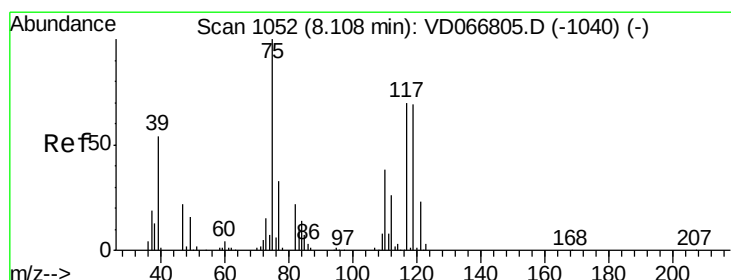
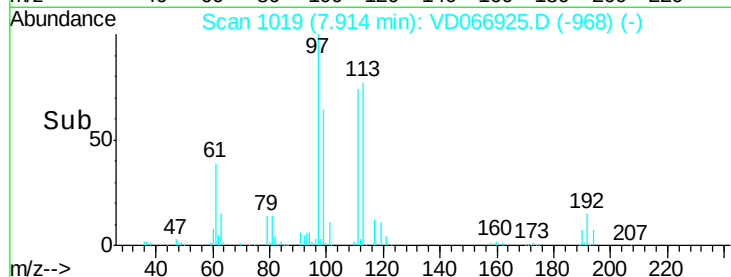
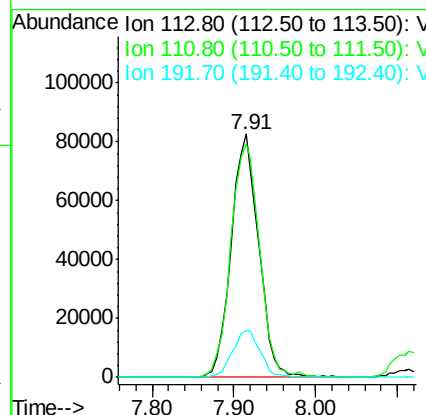
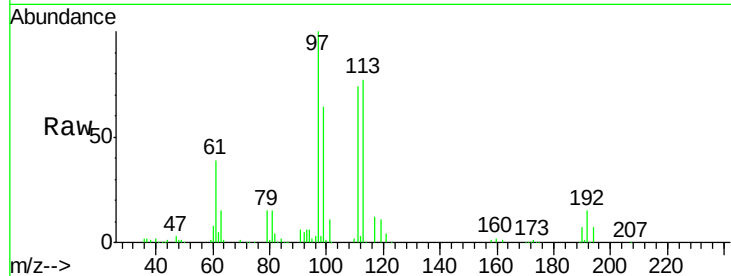
#35
 Dibromofluoromethane
 Concen: 47.306 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193103		
111	100.4	81.8	122.8	
192	19.4	14.4	21.6	

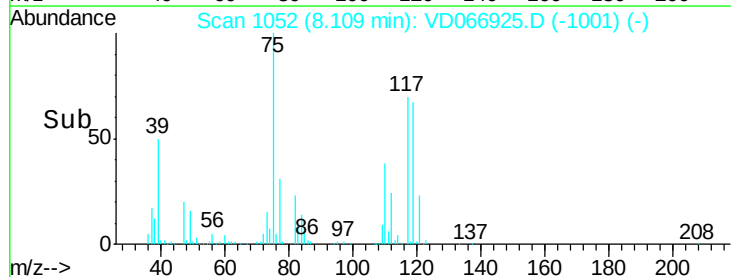
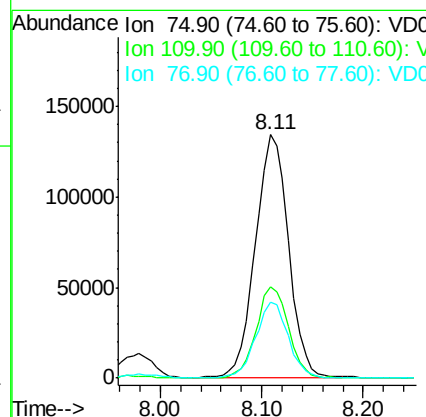
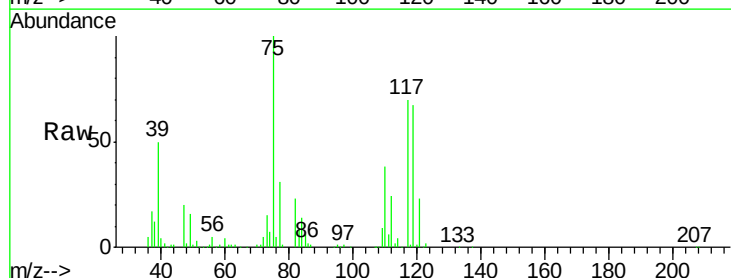
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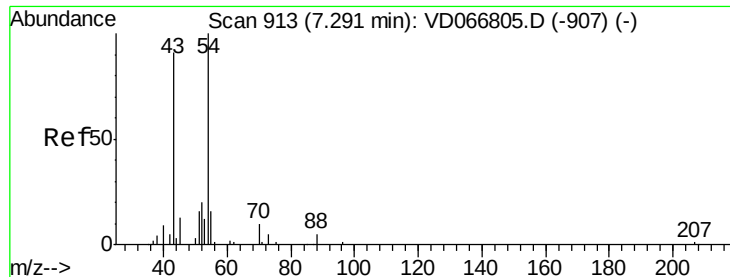
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#36
 1,1-Dichloropropene
 Concen: 48.161 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	306566		
110	36.9	17.9	53.8	
77	30.9	25.0	37.6	





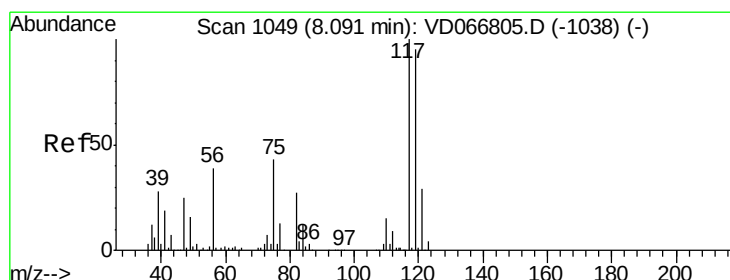
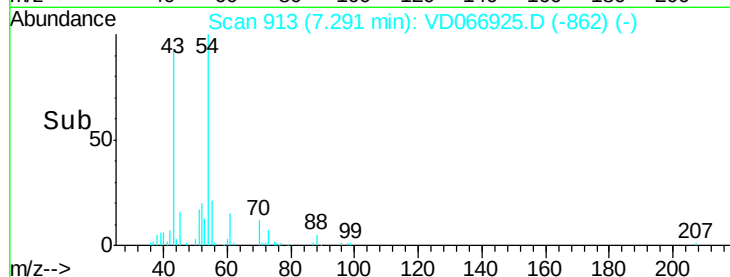
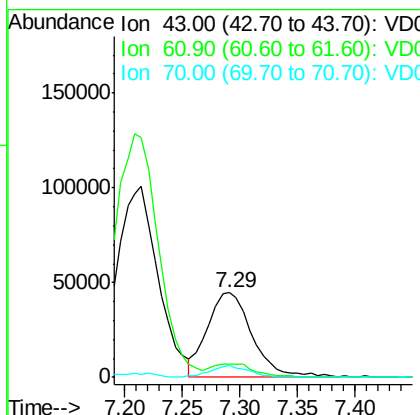
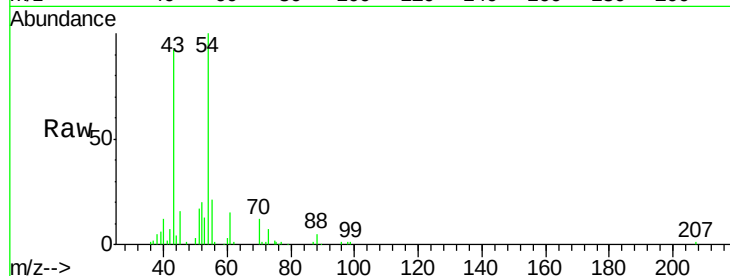
#37
Ethyl Acetate
Concen: 51.219 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.8	14.8#
70	12.2	8.5	12.7

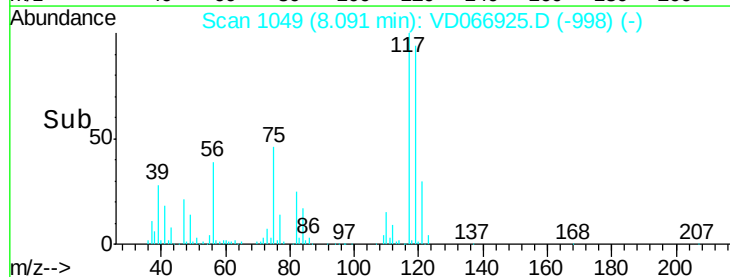
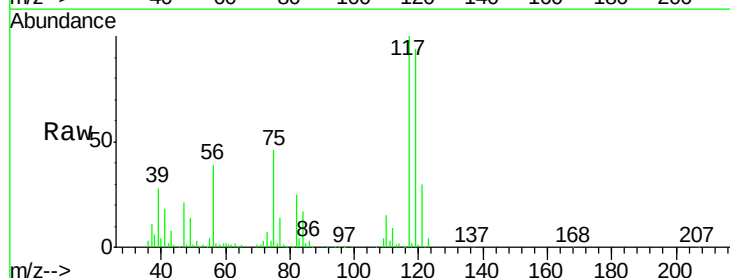
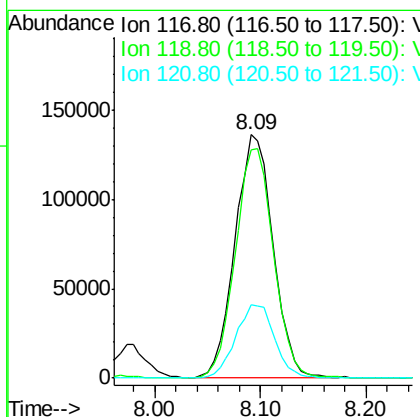
Manual Integrations
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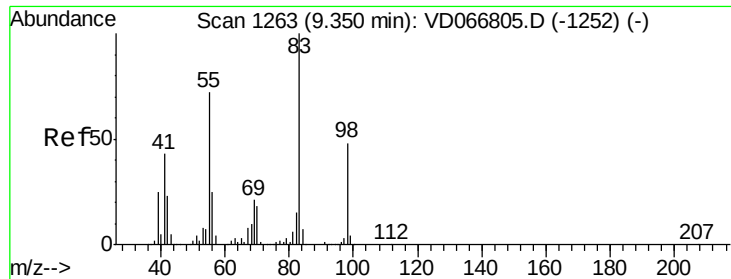
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#38
Carbon Tetrachloride
Concen: 48.749 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.8
121	30.0	23.4	35.0





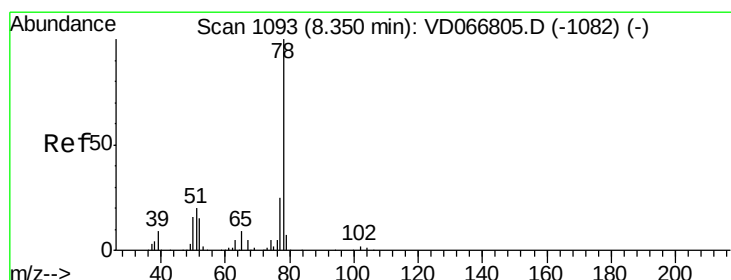
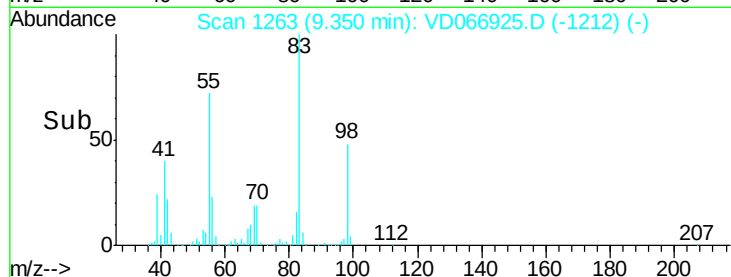
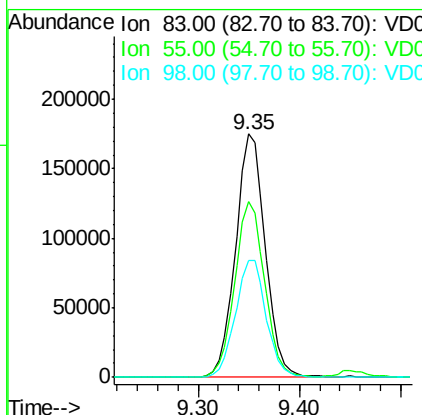
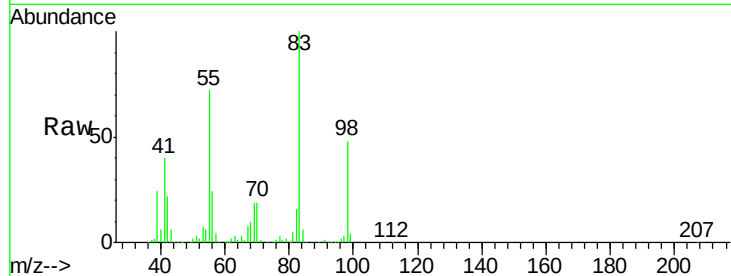
#39
Methylvlcyclohexane
Concen: 48.669 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	355694
Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.7	86.5
98	48.2	38.4	57.6

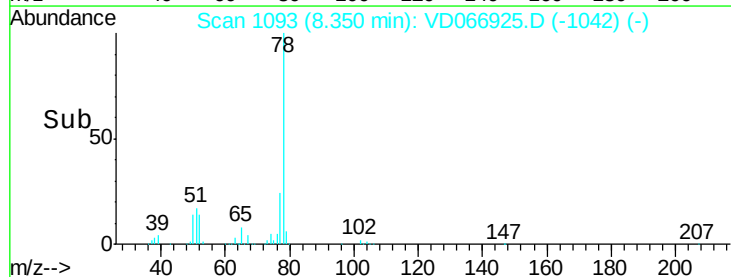
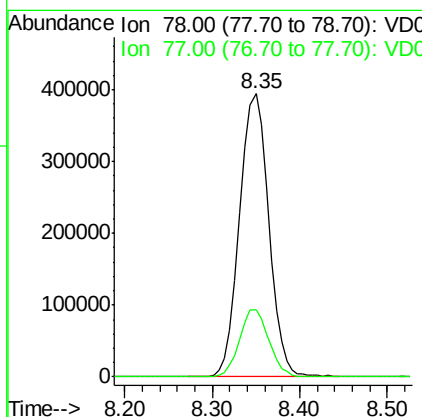
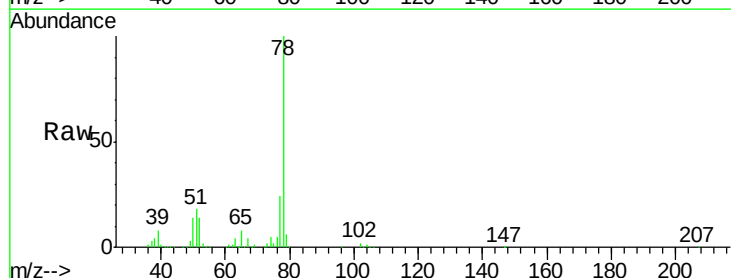
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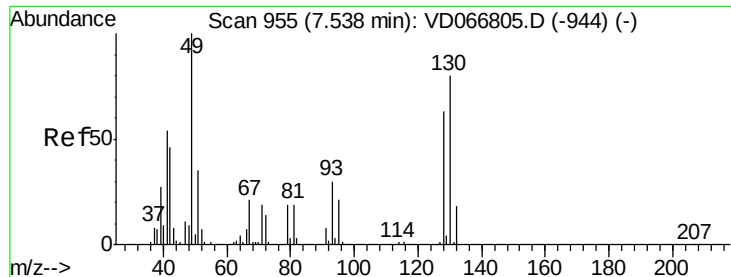
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#40
Benzene
Concen: 50.372 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	78	Resp	893622
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.9	29.9





#41

Methacrylonitrile

Concen: 46.173 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 65340

Ion Ratio Lower Upper

41 100

39 62.4 0.0 0.0#

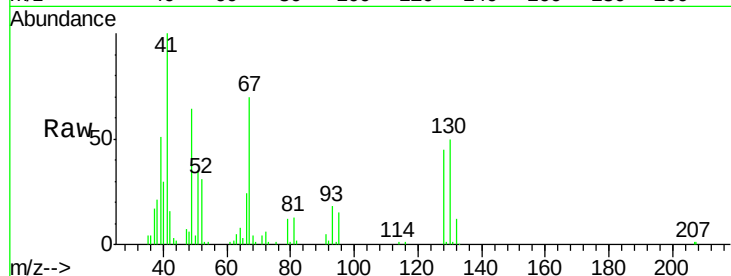
67 86.6 0.0 0.0#

52 36.6 0.0 0.0#

Manual Integrations
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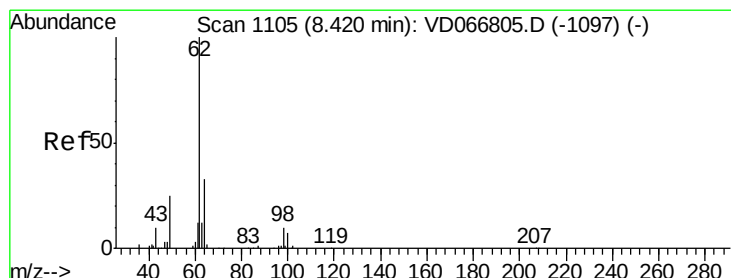
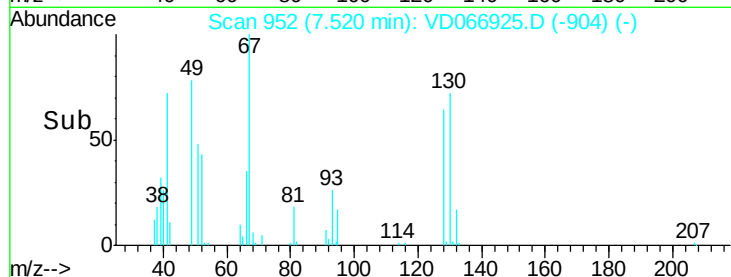
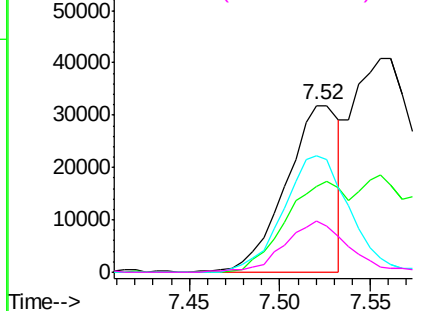
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 50.211 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066925.D

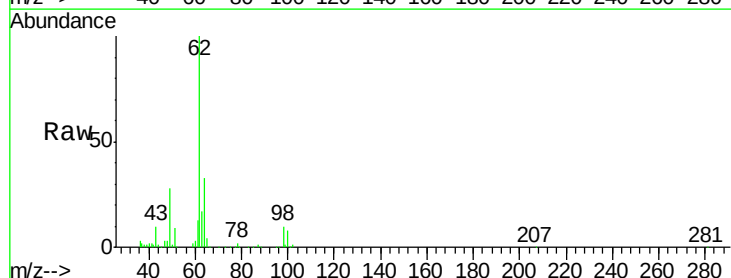
Acq: 28 Sep 2020 20:40

Tgt Ion: 62 Resp: 263330

Ion Ratio Lower Upper

62 100

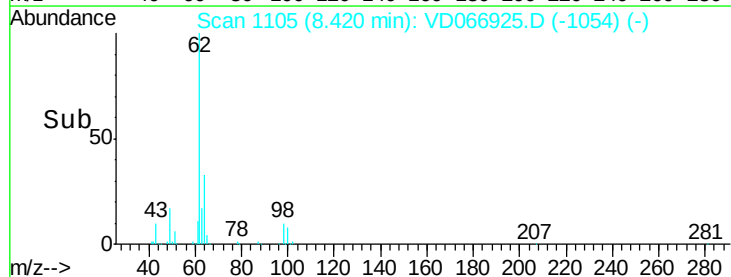
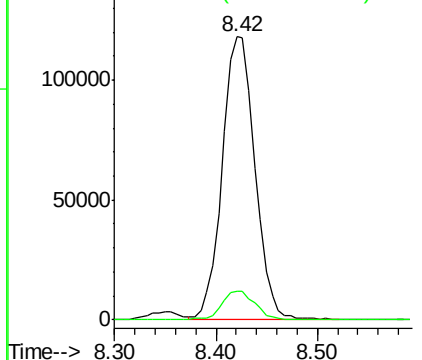
98 10.5 0.0 19.8

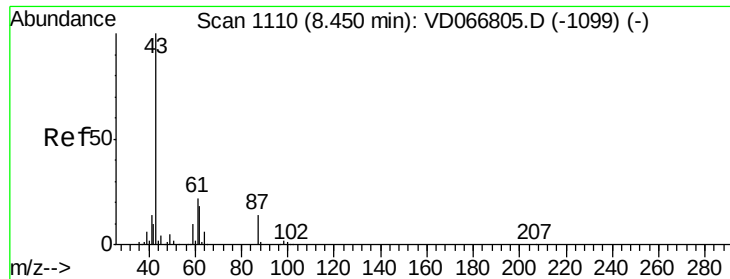


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 52.180 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

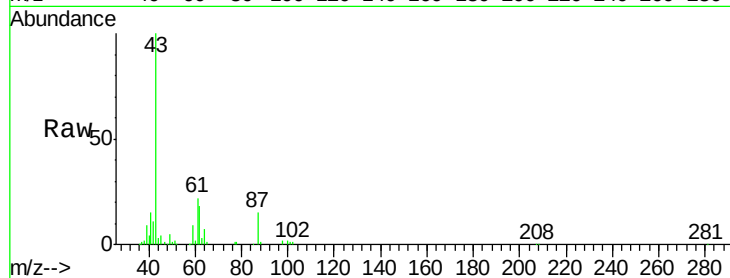
ClientSampleId :

VSTDCCC050EC

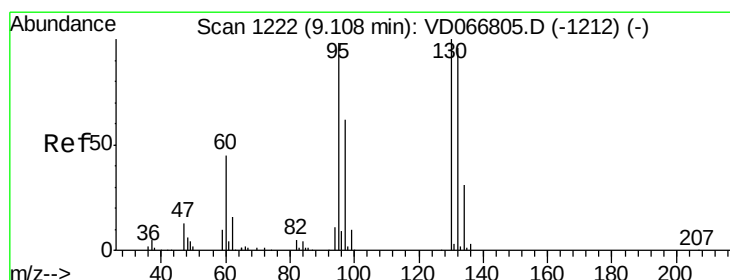
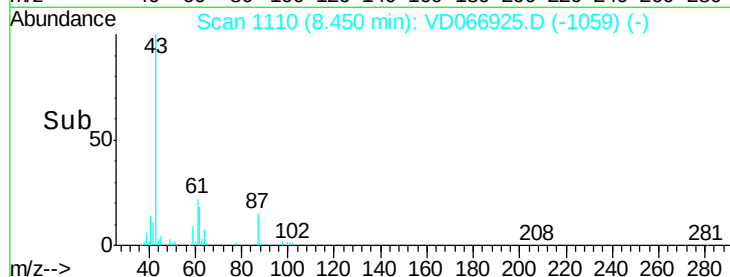
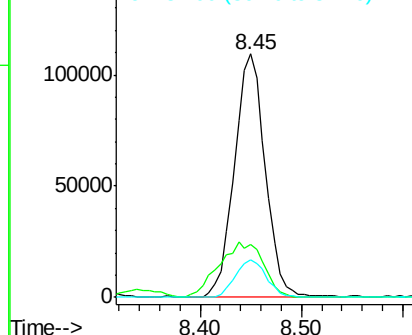
Tot Ion:	43	Resp:	231498
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	15.6	11.5	17.3

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



#44

Trichloroethene

Concen: 51.008 ug/l

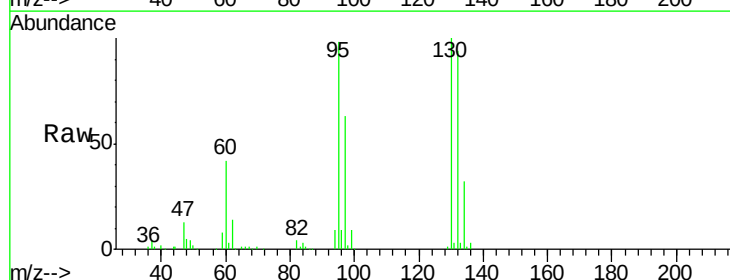
RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

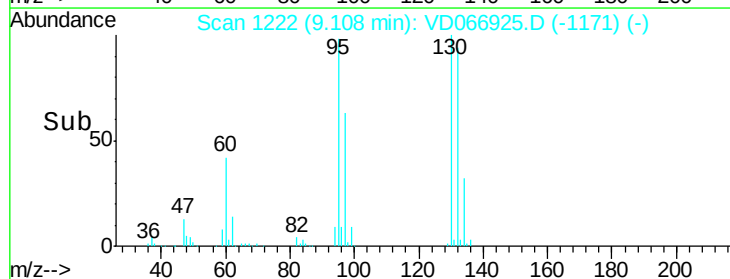
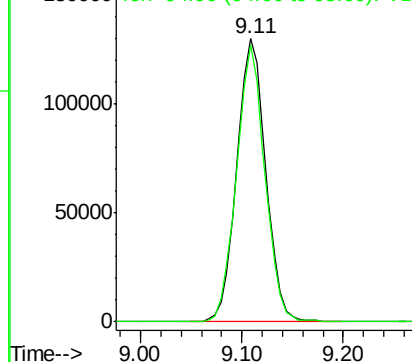
Lab File: VD066925.D

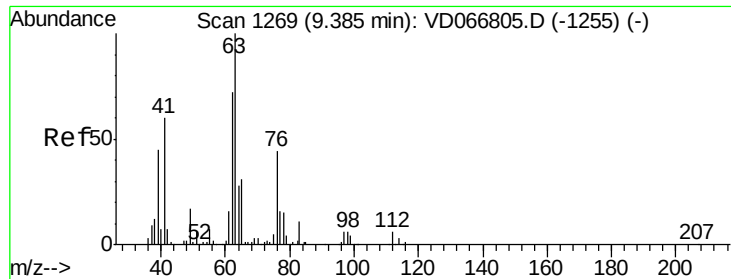
Acq: 28 Sep 2020 20:40

Tgt Ion:	130	Resp:	257927
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	197.0



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





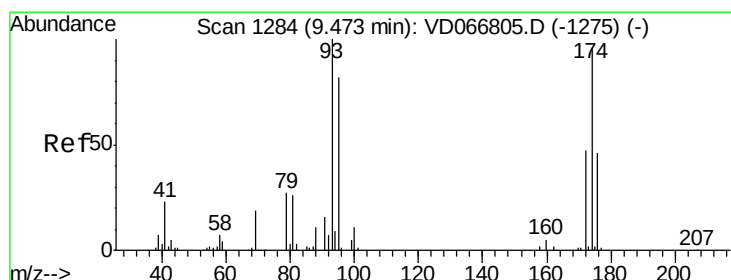
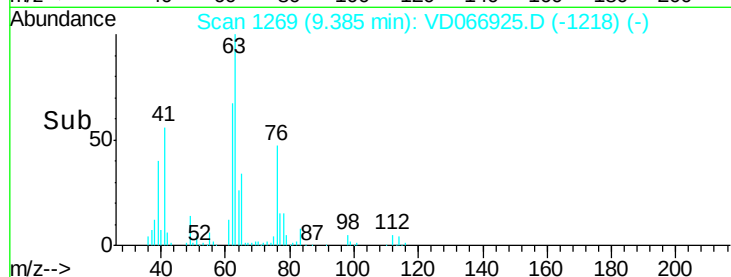
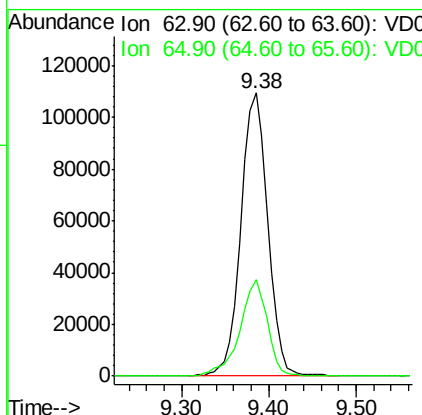
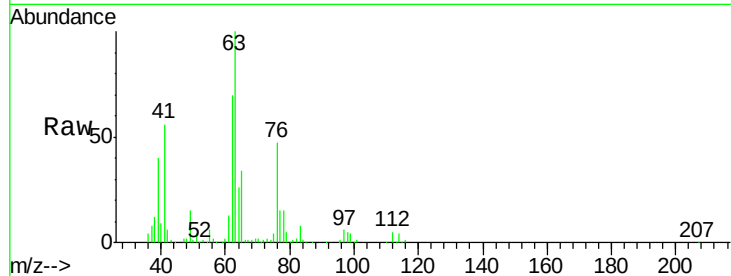
#45
 1,2-Dichloropropane
 Concen: 50.678 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 226199
 Ion Ratio Lower Upper
 63 100
 65 34.0 24.7 37.1

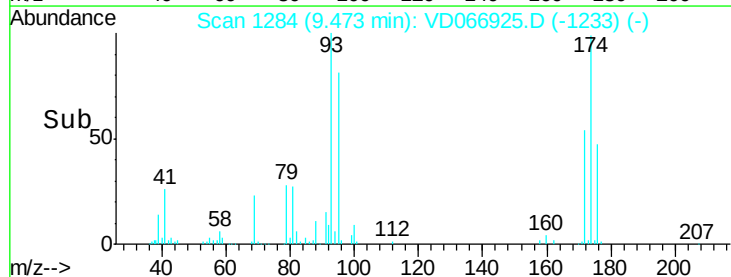
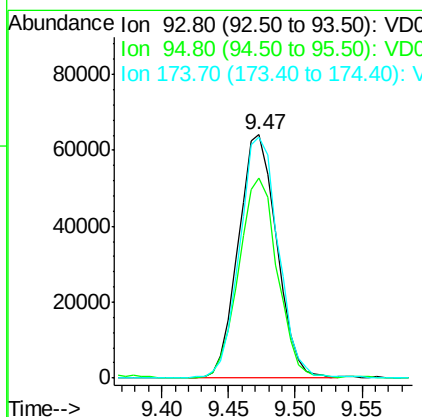
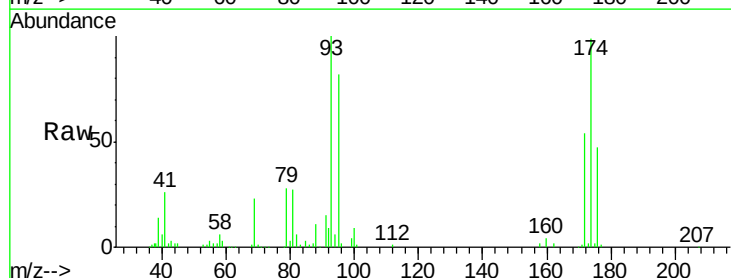
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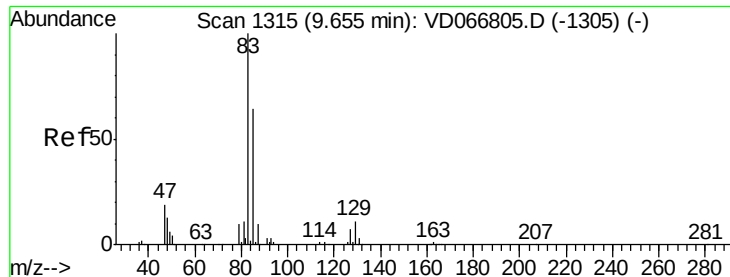
MMDadoda
 9/29/2020 11:46:46 AM



#46
 Dibromomethane
 Concen: 52.782 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 93 Resp: 128002
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.3 97.9
 174 99.7 75.4 113.2





#47

Bromodichloromethane

Concen: 51.013 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

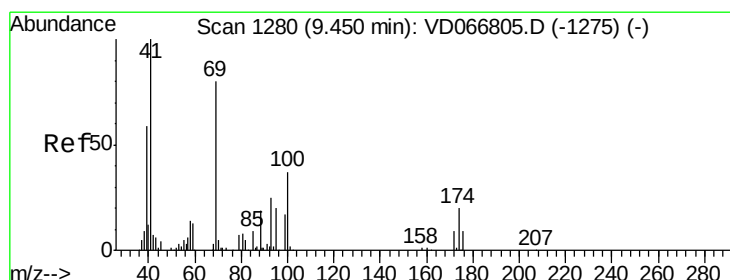
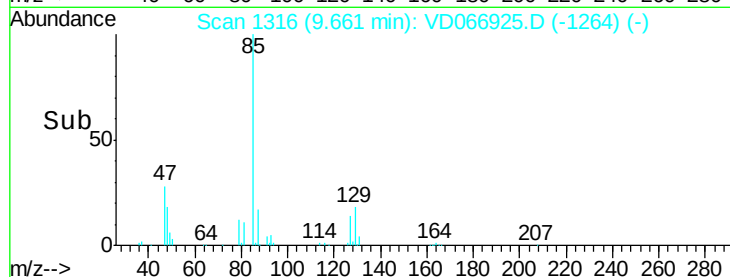
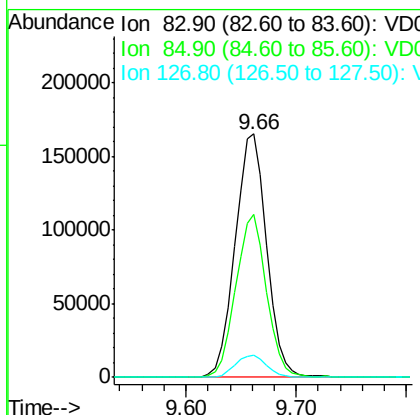
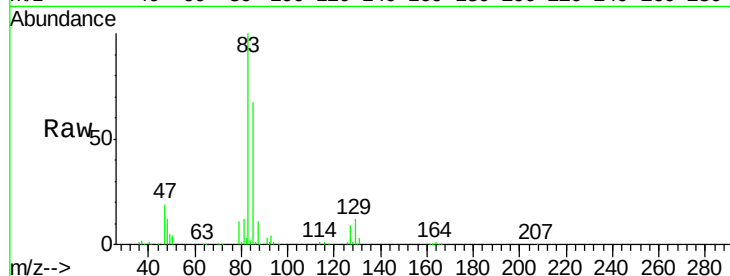
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	332329
Ion Ratio	Lower	Upper	
83	100		
85	66.9	50.9	76.3
127	9.0	5.9	8.9#

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.976 ug/l

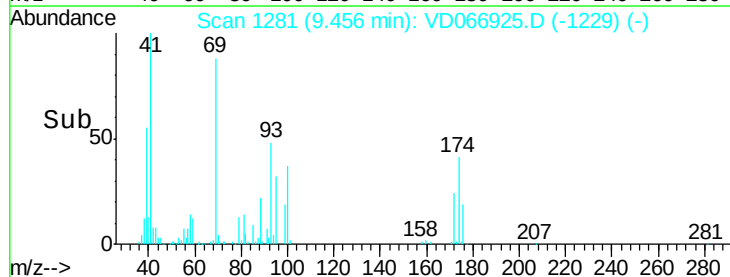
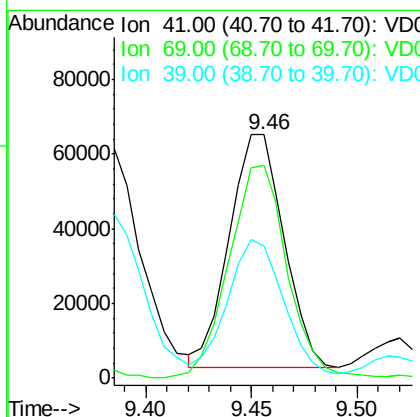
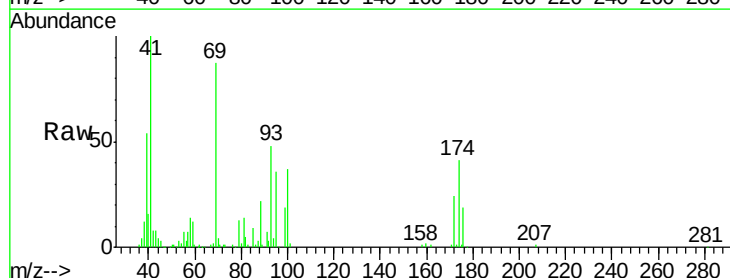
RT: 9.46 min Scan# 1281

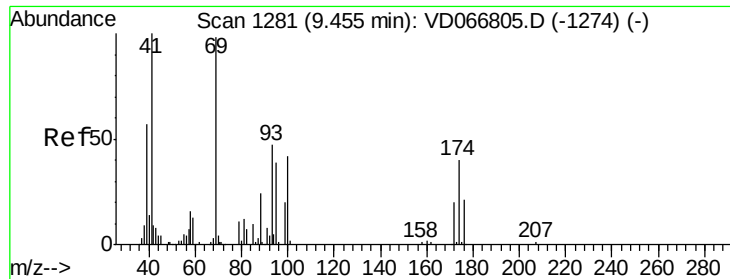
Delta R.T. 0.01 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	41	Resp:	111503
Ion Ratio	Lower	Upper	
41	100		
69	96.9	74.5	111.7
39	58.1	47.0	70.6





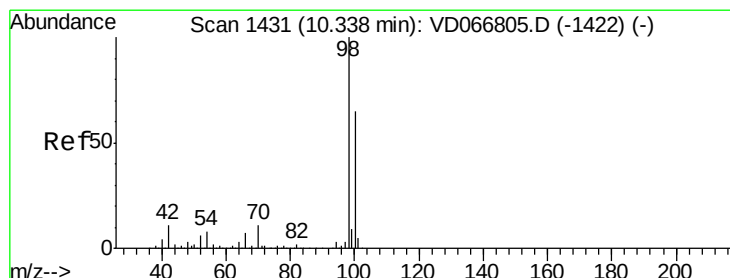
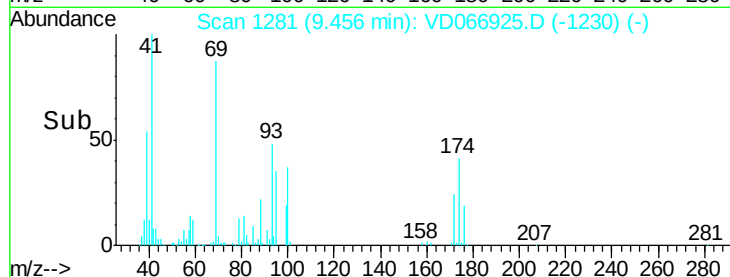
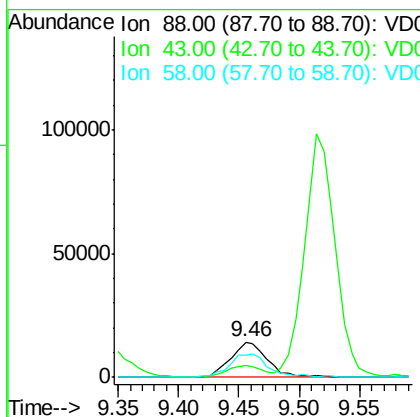
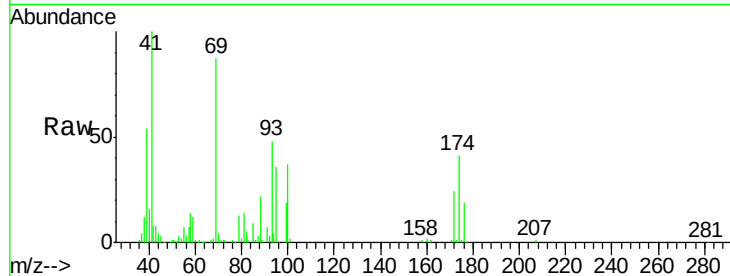
#49
1,4-Dioxane
Concen: 1095.271 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	29850
Ion	Ratio	Lower	Upper
88	100		
43	34.4	27.7	41.5
58	69.0	55.5	83.3

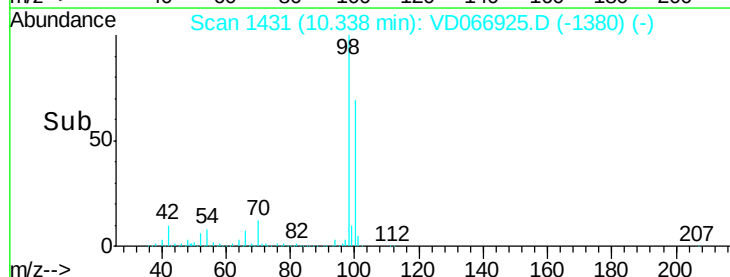
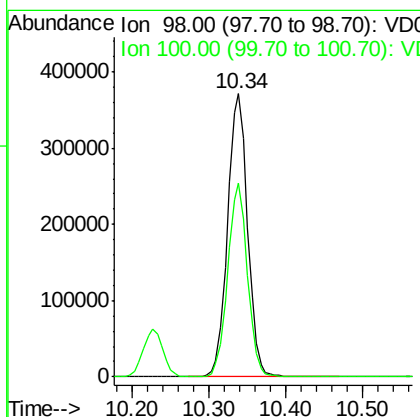
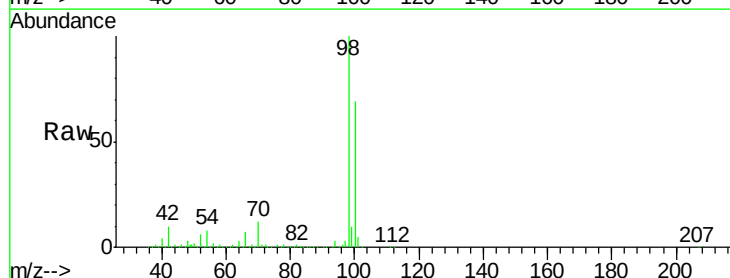
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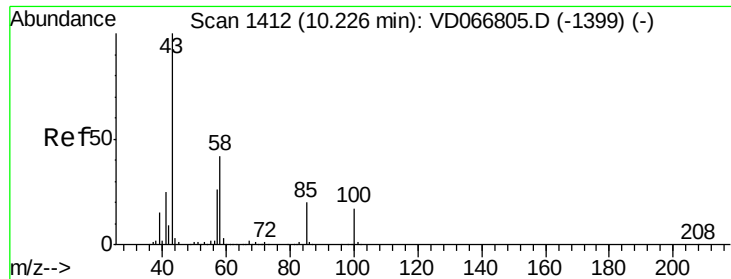
MMDadoda
9/29/2020 11:46:46 AM



#50
Toluene-d8
Concen: 48.483 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	98	Resp	674302
Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.2	78.2





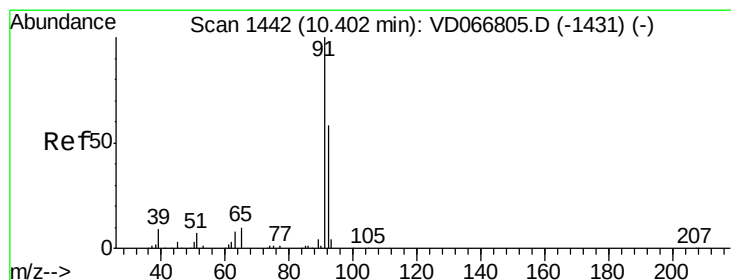
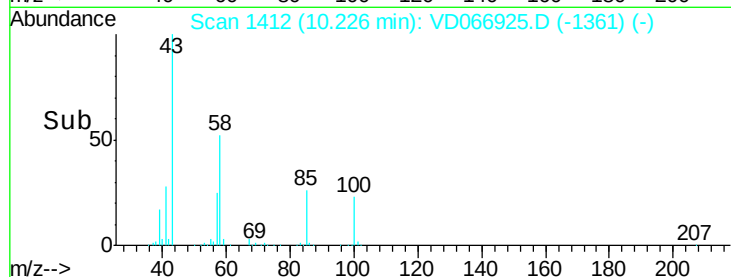
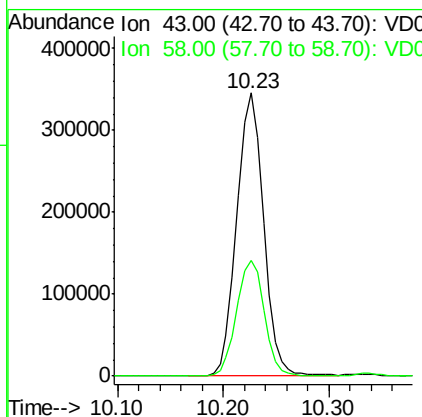
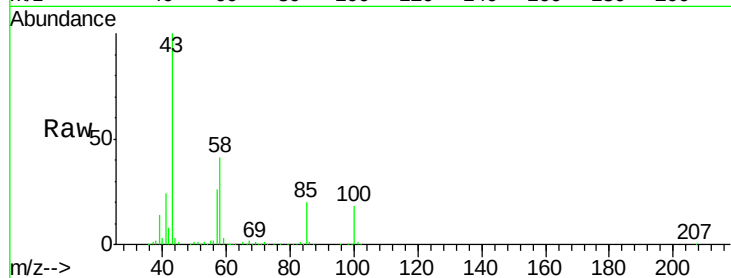
#51
 4-Methyl-2-Pentanone
 Concen: 271.622 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 610603
 Ion Ratio Lower Upper
 43 100
 58 42.3 32.2 48.4

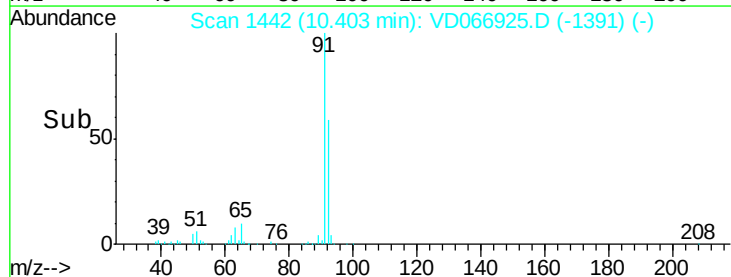
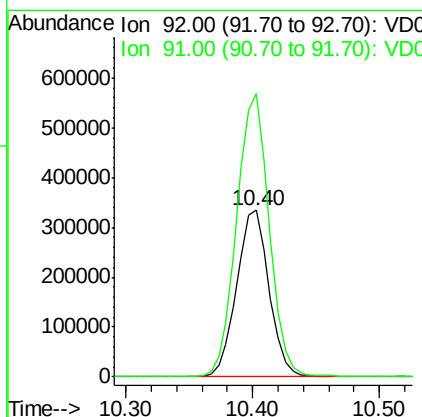
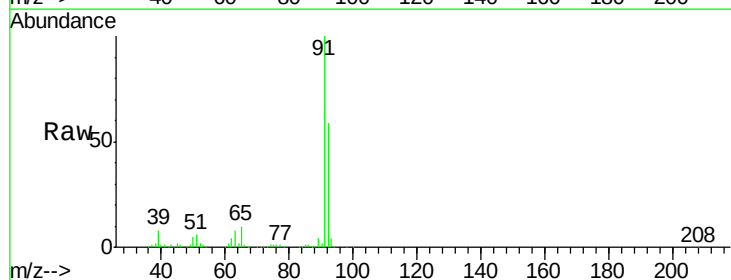
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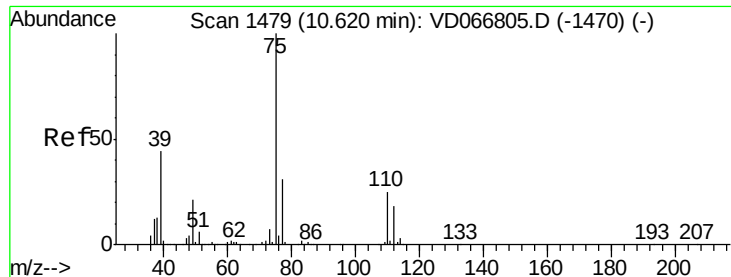
MMDadoda
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#52
 Toluene
 Concen: 51.704 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 92 Resp: 590829
 Ion Ratio Lower Upper
 92 100
 91 171.7 134.6 202.0





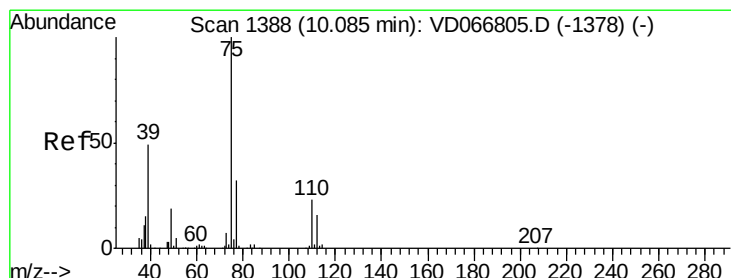
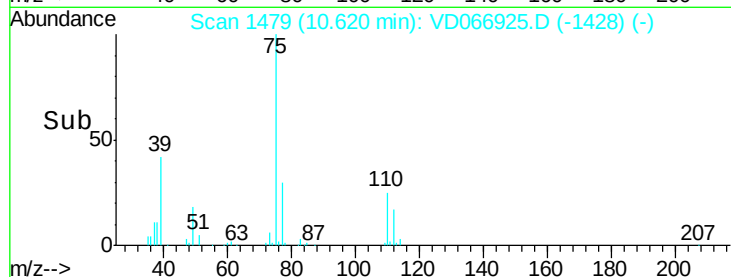
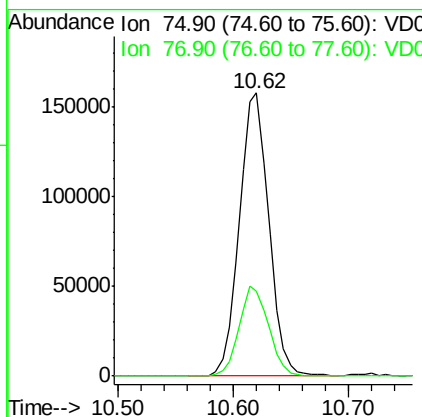
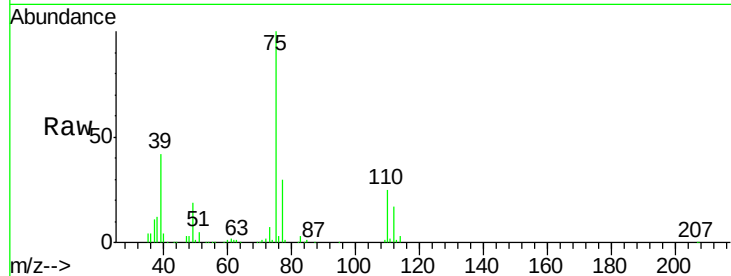
#53
t-1,3-Dichloropropene
Concen: 50.323 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.5	36.7

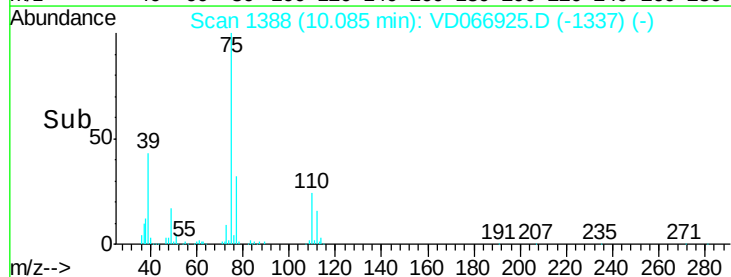
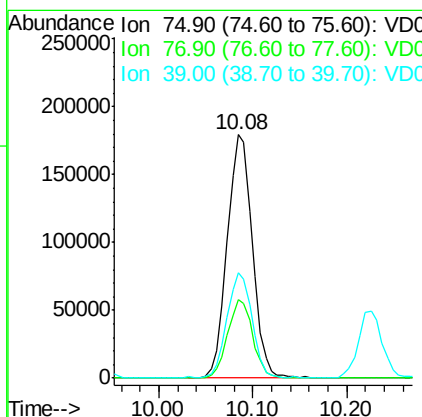
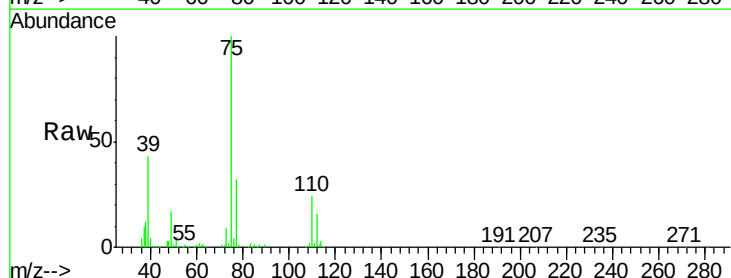
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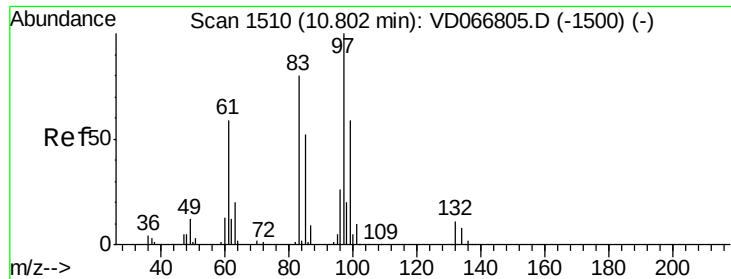
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.433 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4
39	42.8	39.2	58.8





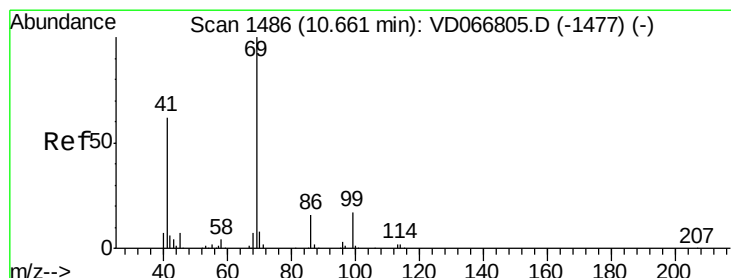
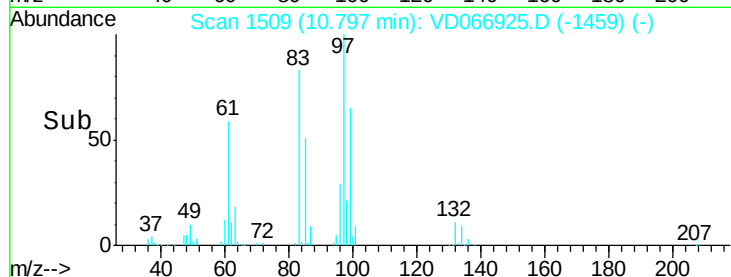
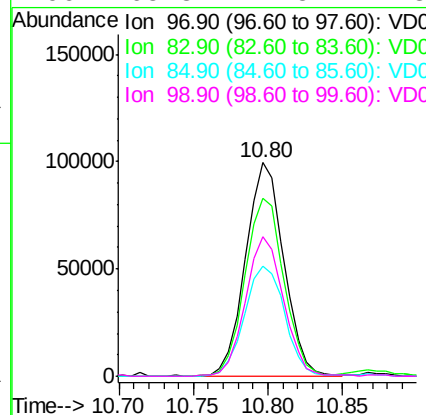
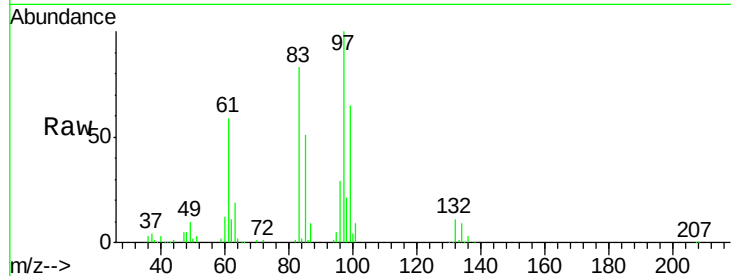
#55
 1,1,2-Trichloroethane
 Concen: 53.070 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		176926		
83	83.1	64.2	96.2		
85	51.5	41.9	62.9		
99	65.3	47.5	71.3		

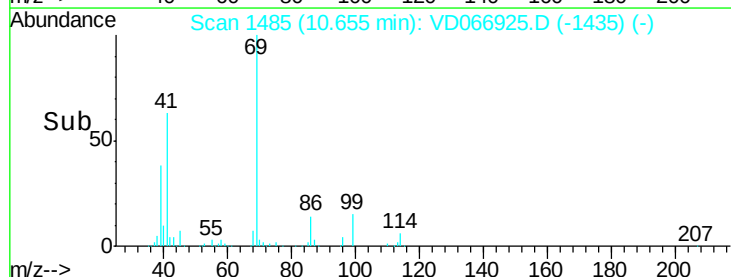
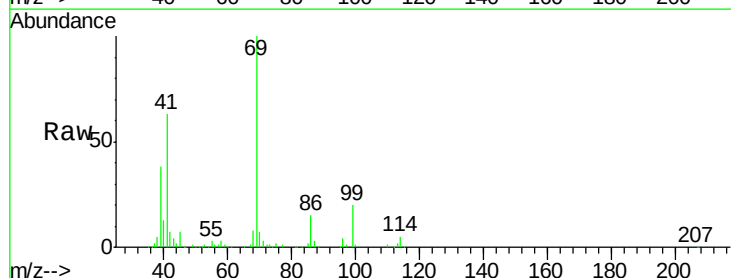
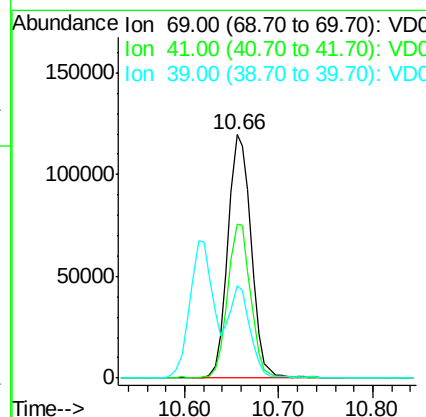
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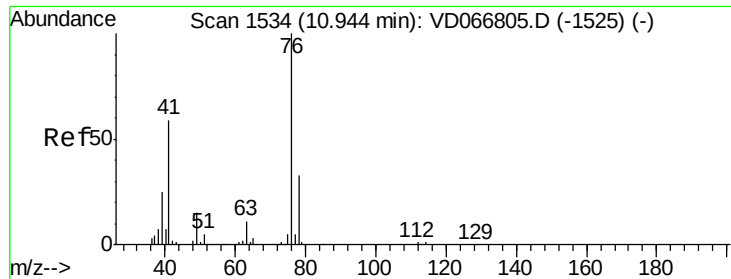
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#56
 Ethyl methacrylate
 Concen: 57.898 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		206782		
41	63.0	52.2	78.2		
39	34.6	26.6	40.0		





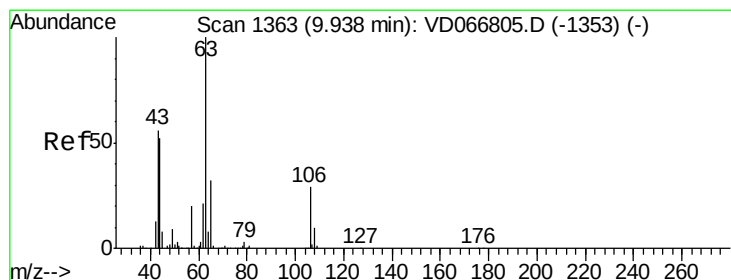
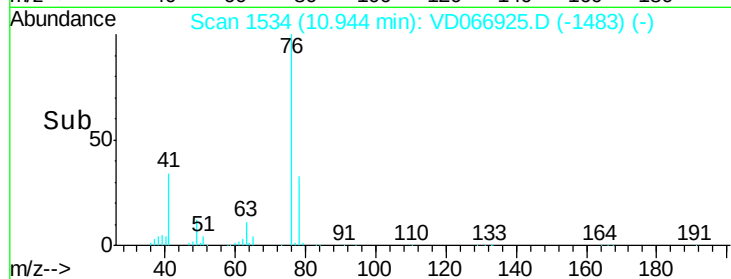
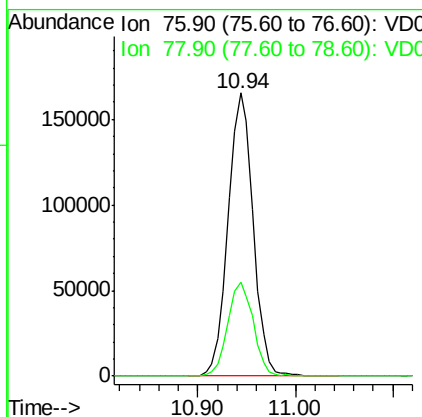
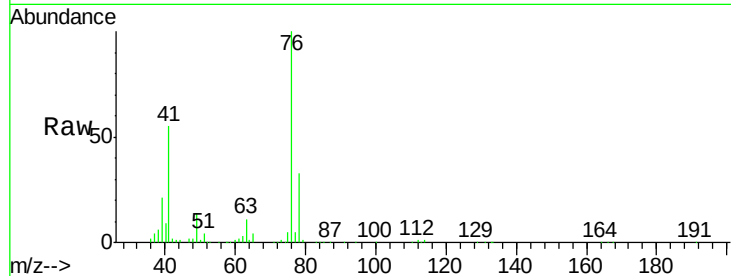
#57
 1,3-Dichloropropane
 Concen: 53.331 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 293583
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.3 39.5

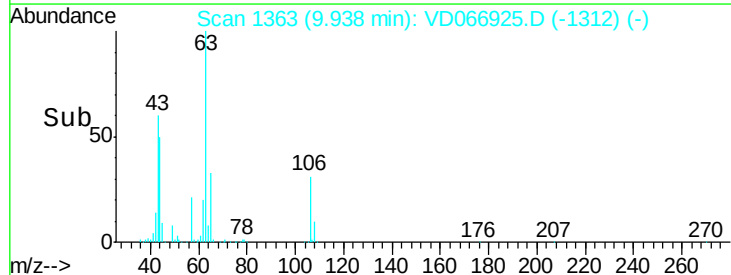
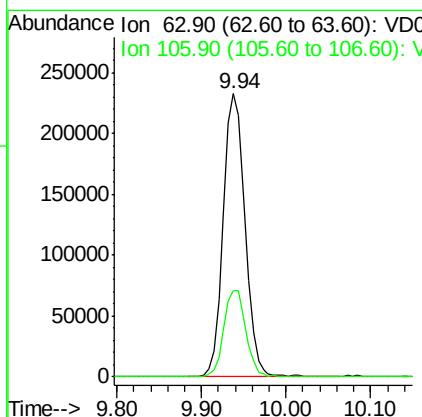
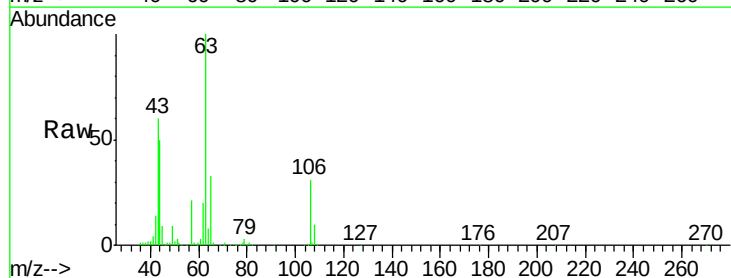
Manual Integrations
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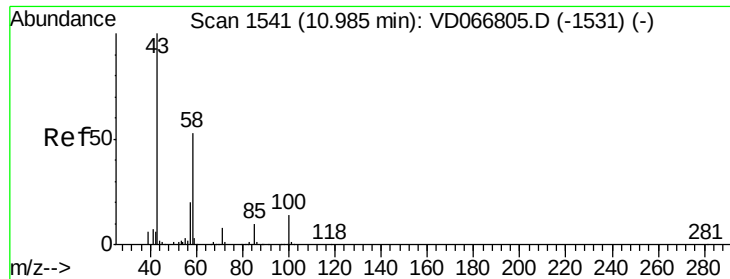
MMDadoda
 9/29/2020 11:46:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.572 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 63 Resp: 415279
 Ion Ratio Lower Upper
 63 100
 106 30.9 23.8 35.6





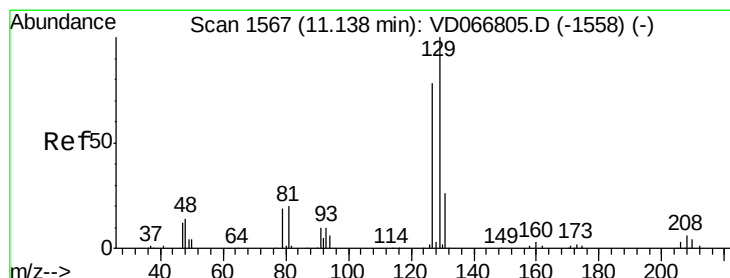
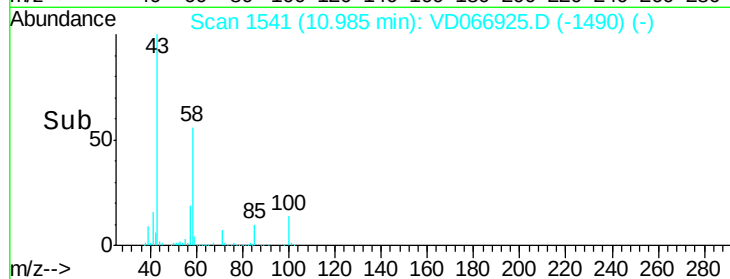
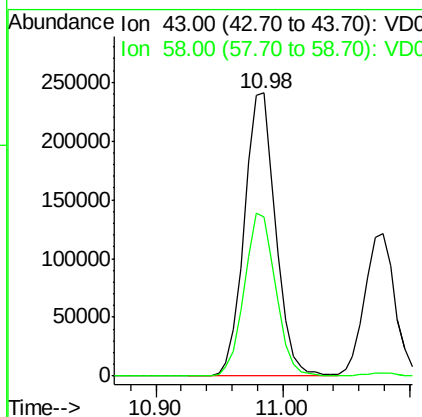
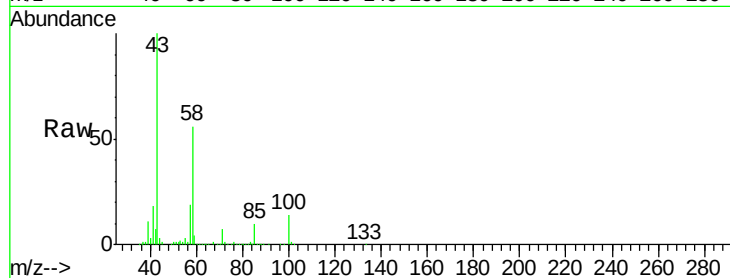
#59
2-Hexanone
Concen: 273.338 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 414376
Ion Ratio Lower Upper
43 100
58 57.6 27.0 80.8

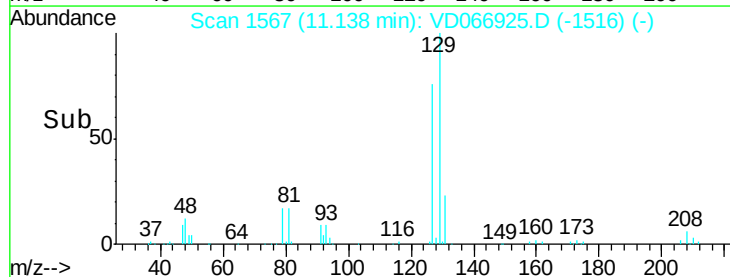
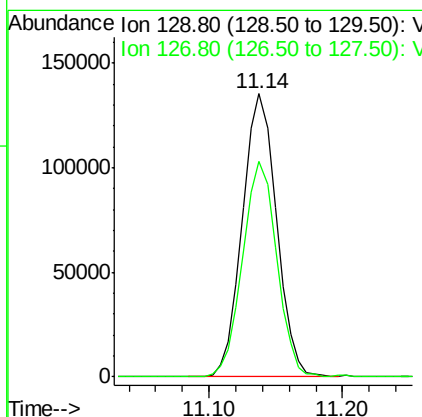
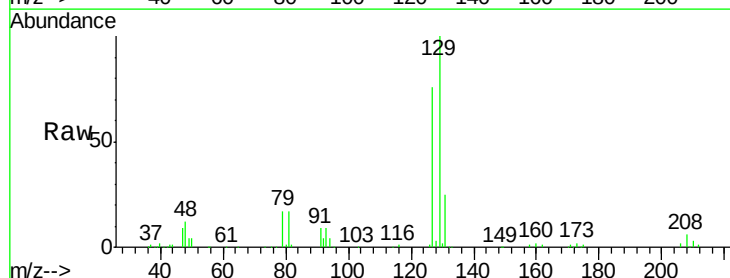
Manual Integrations
APPROVED

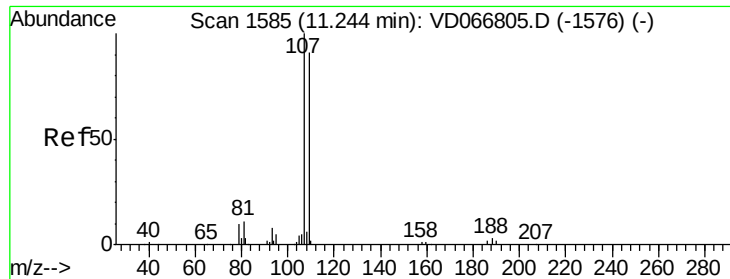
MMDadoda
9/29/2020 11:46:46 AM



#60
Dibromochloromethane
Concen: 55.041 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 129 Resp: 239490
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





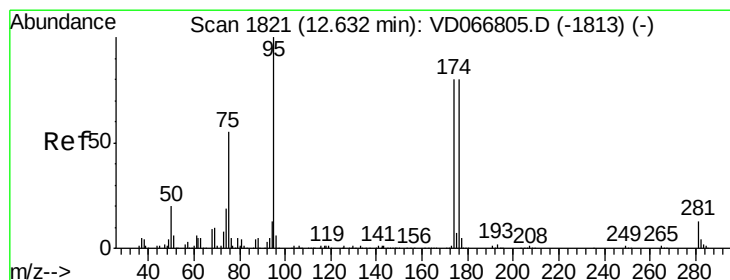
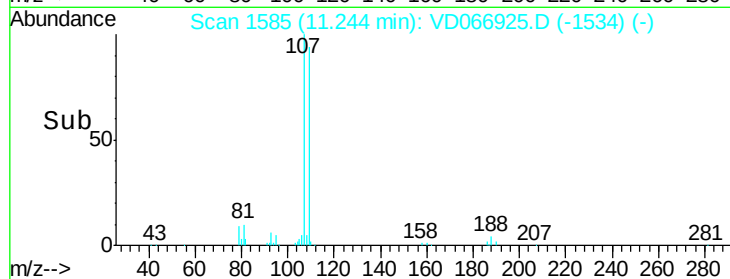
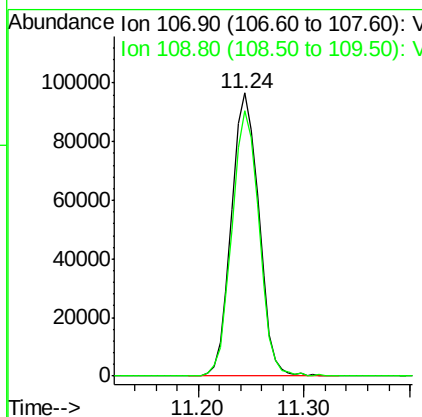
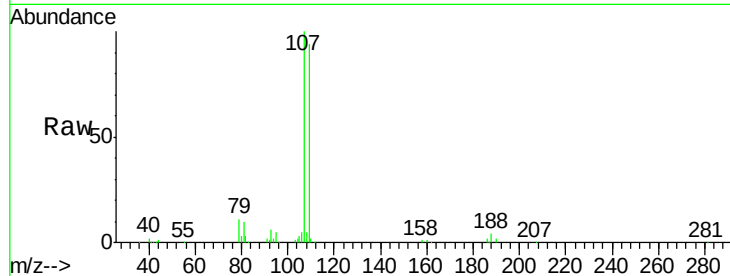
#61
 1,2-Dibromoethane
 Concen: 55.886 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.0	112.4

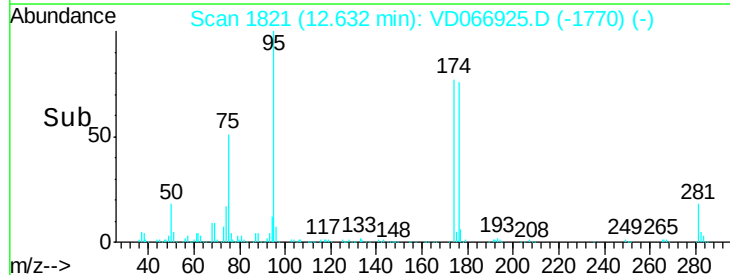
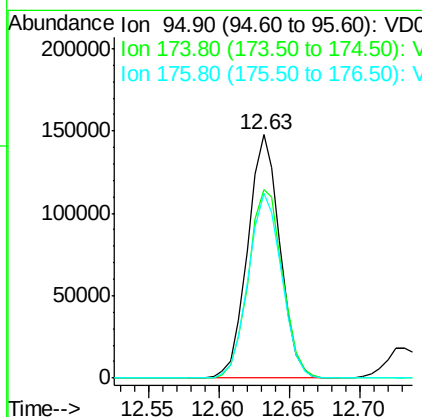
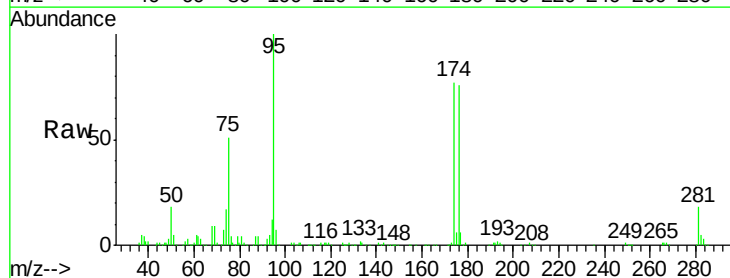
Manual Integrations
 APPROVED

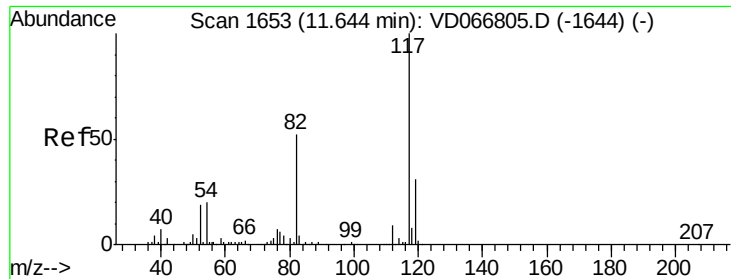
MMDadoda
 9/29/2020 11:46:46 AM



#62
 4-Bromofluorobenzene
 Concen: 49.703 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	159.8
176	78.4	0.0	154.4





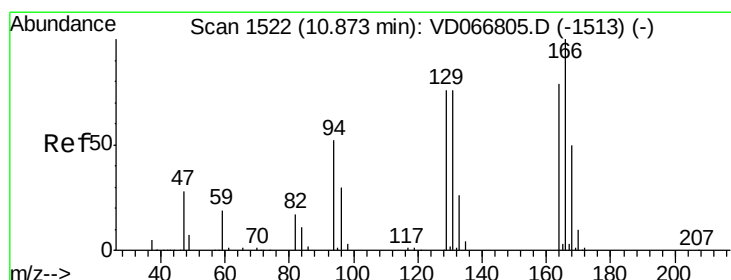
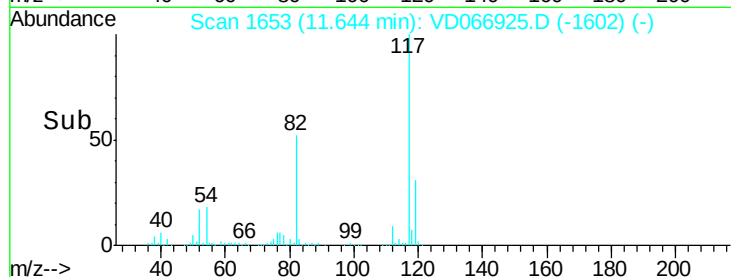
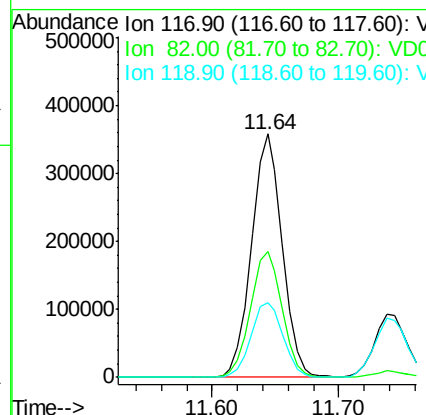
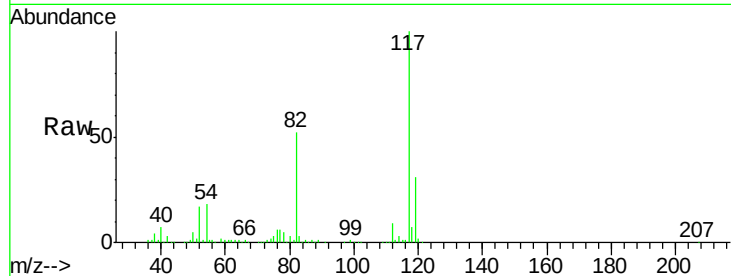
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.6
119	30.6	24.6	37.0

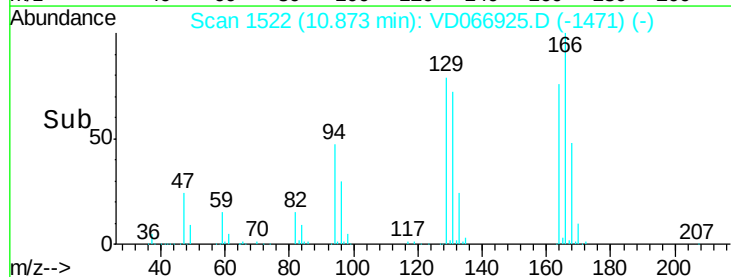
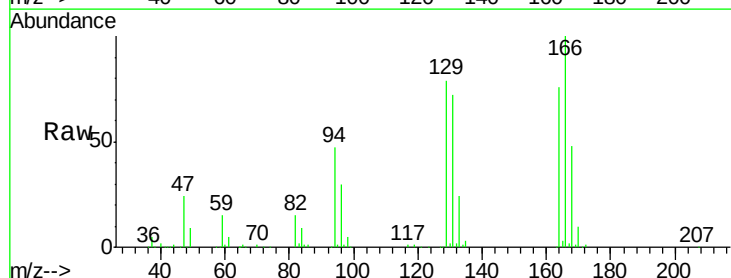
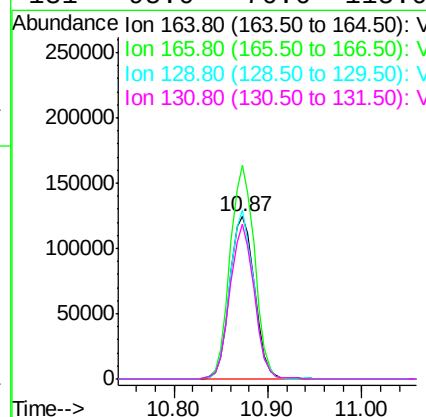
Manual Integrations
APPROVED

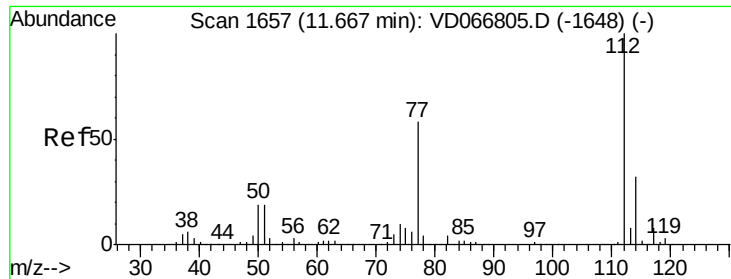
MMDadoda
9/29/2020 11:46:46 AM



#64
Tetrachloroethene
Concen: 52.641 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	101.1	151.7
129	104.0	77.0	115.4
131	95.0	76.6	115.0





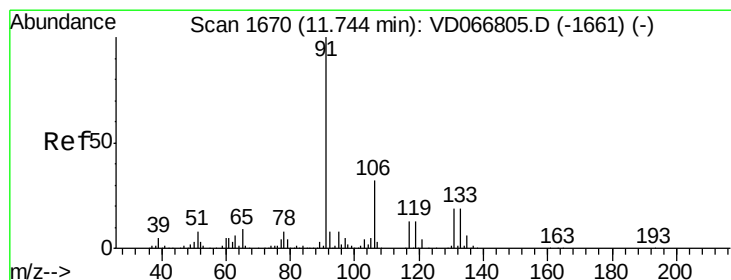
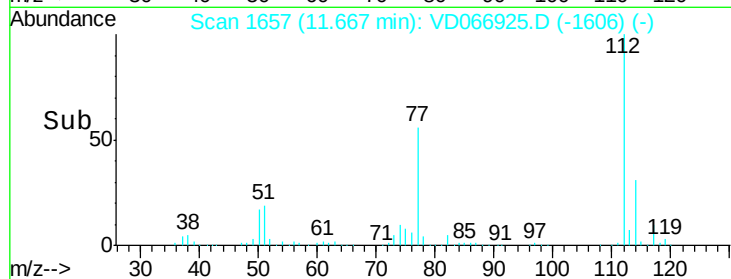
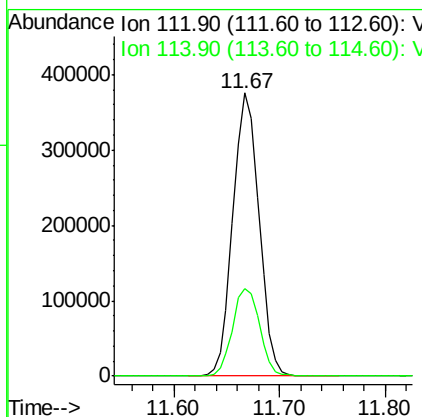
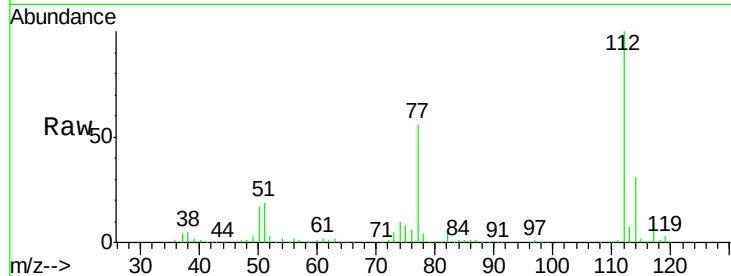
#65
Chlorobenzene
Concen: 51.092 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 642043
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

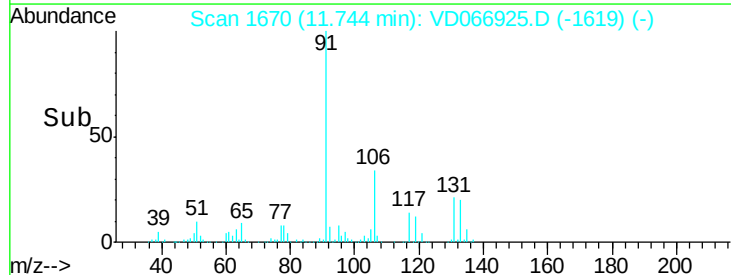
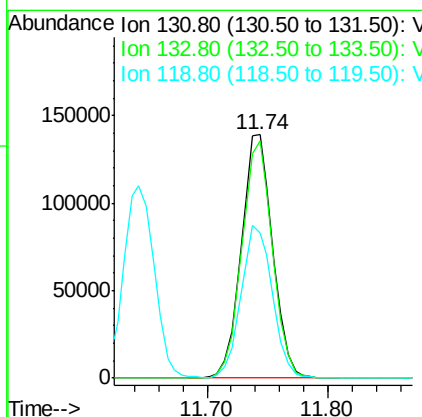
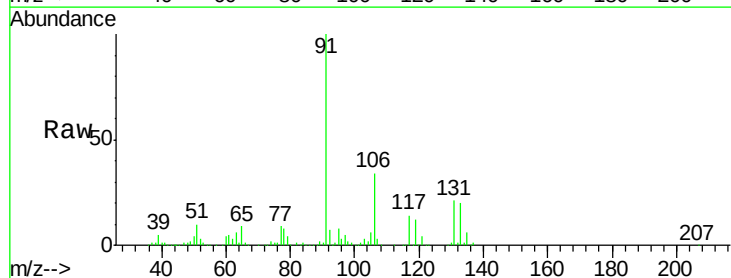
Manual Integrations
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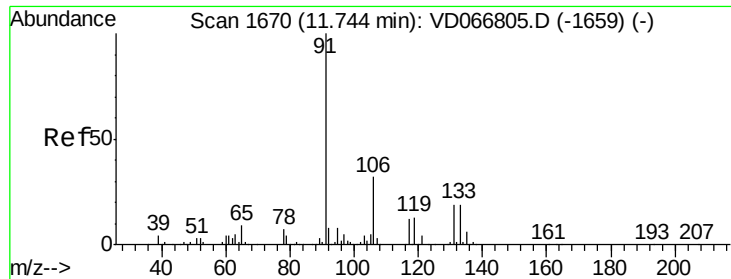
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.829 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion:131 Resp: 251263
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.1
119 62.6 32.3 96.9





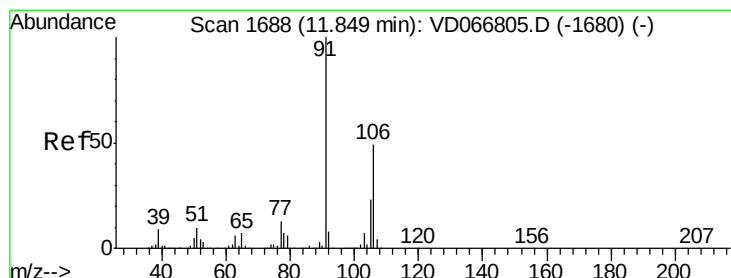
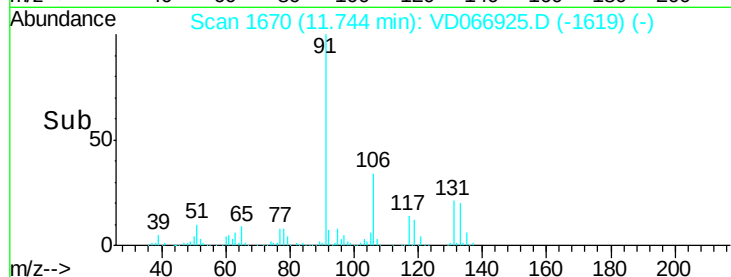
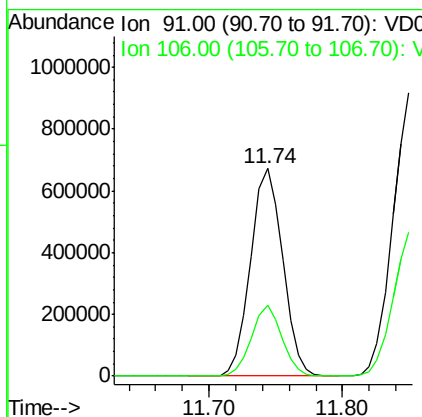
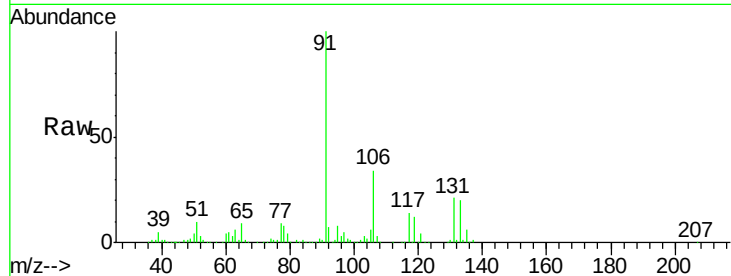
#67
Ethyl Benzene
Concen: 50.675 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1118433
Ion Ratio Lower Upper
91 100
106 34.1 25.6 38.4

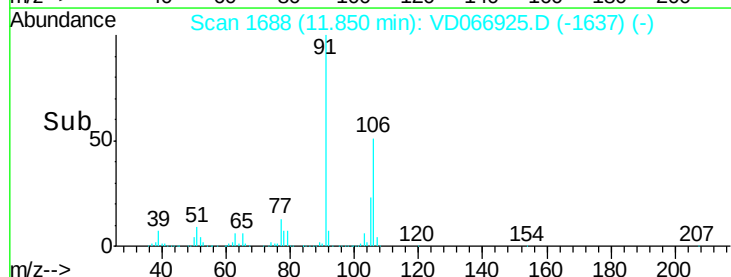
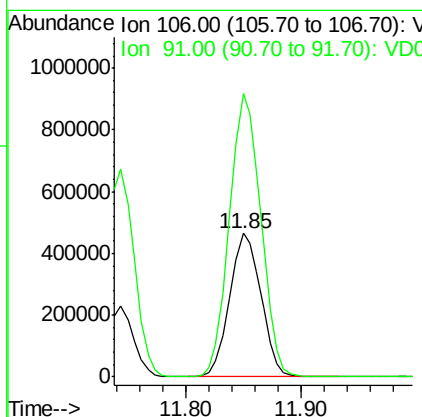
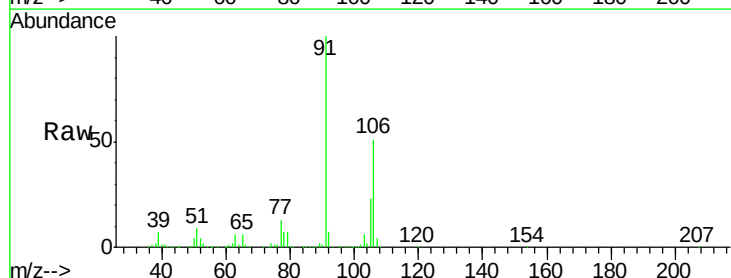
Manual Integrations
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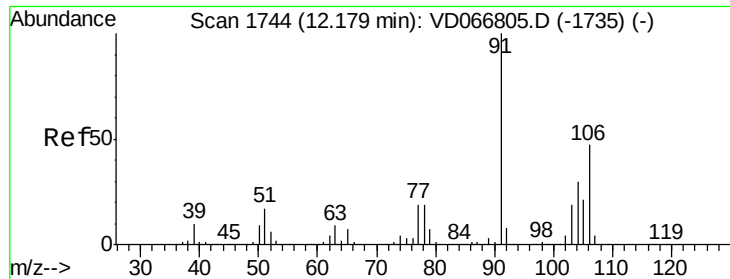
MMDadoda
9/29/2020 11:46:46 AM



#68
m/p-Xylenes
Concen: 104.712 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion: 106 Resp: 875000
Ion Ratio Lower Upper
106 100
91 197.3 160.7 241.1





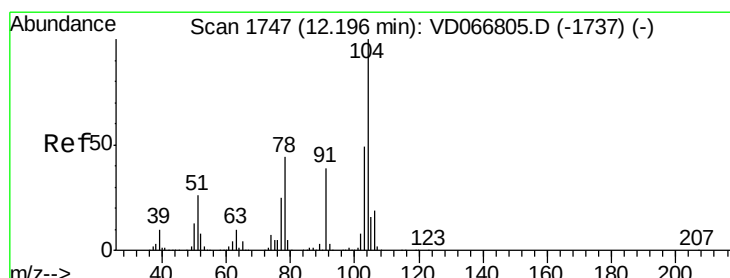
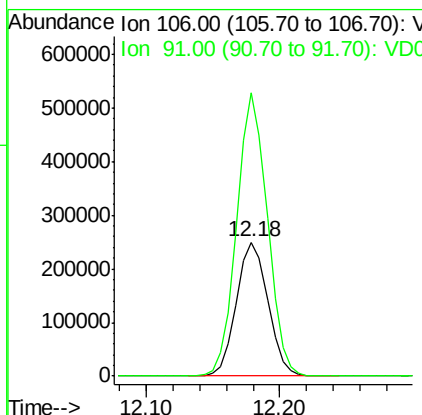
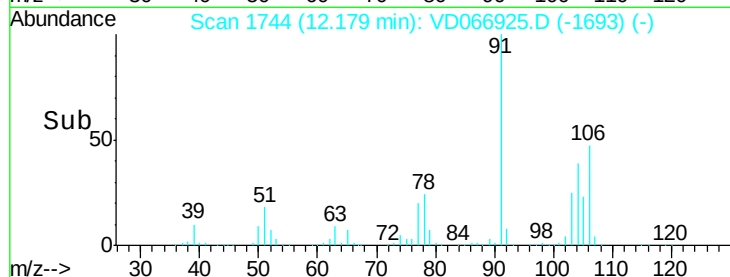
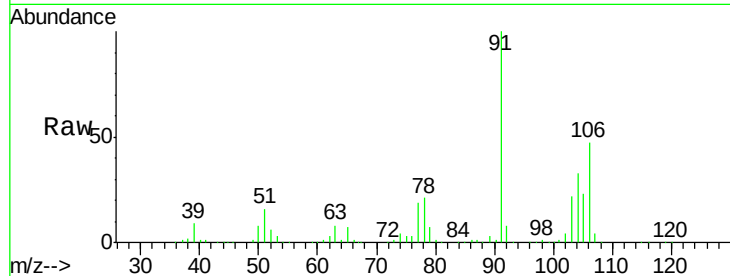
#69
o-Xylene
Concen: 54.200 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		409537		
91	205.0	106.3	318.8		

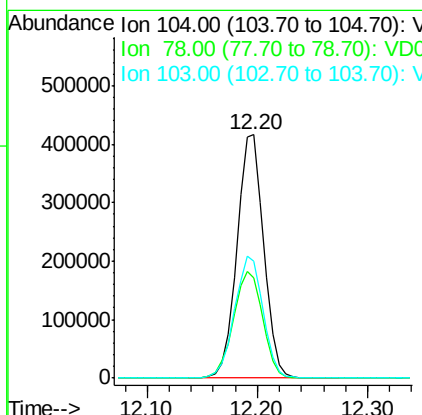
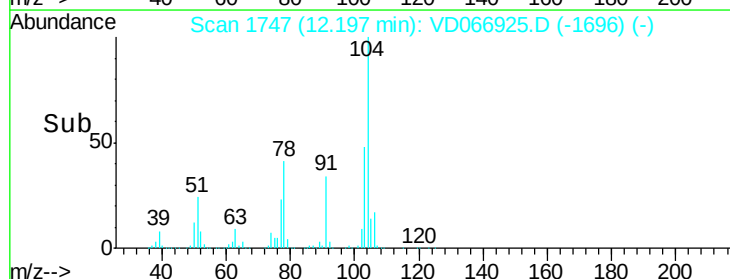
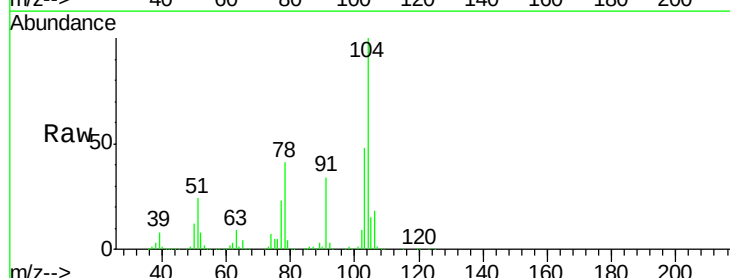
Manual Integrations
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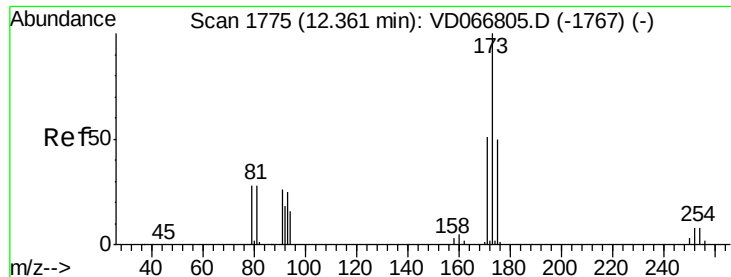
MMDadoda
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#70
Styrene
Concen: 53.963 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		708094		
78	48.1	38.9	58.3		
103	53.5	43.2	64.8		





#71

Bromoform

Concen: 55.671 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 134062

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

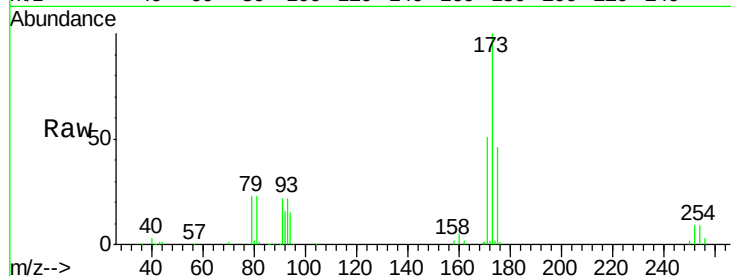
254 0.0 0.1 0.1#

Manual Integrations

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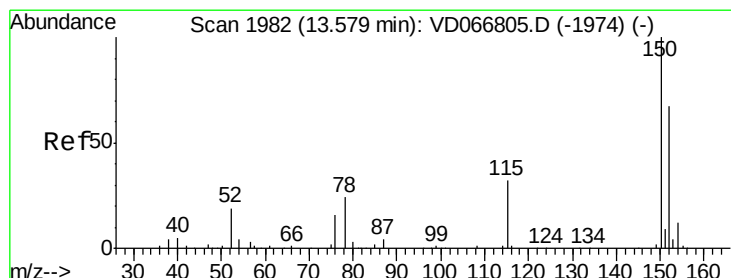
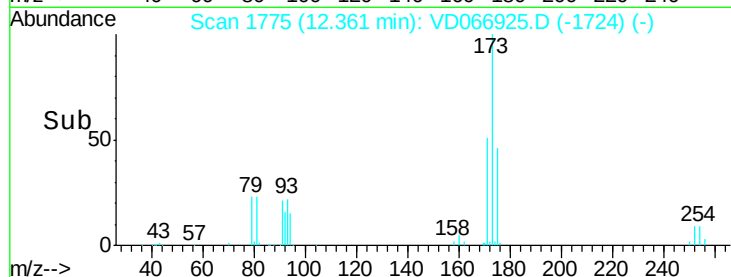
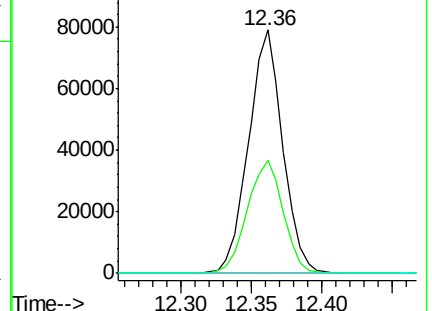
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD066925.D

Acq: 28 Sep 2020 20:40

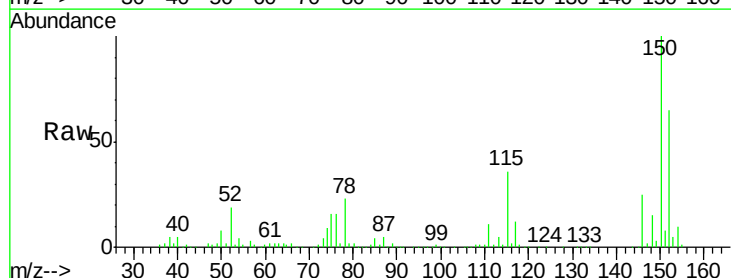
Tgt Ion:152 Resp: 292100

Ion Ratio Lower Upper

152 100

115 58.2 30.3 91.0

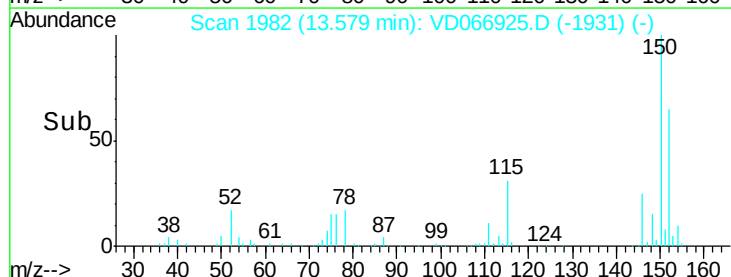
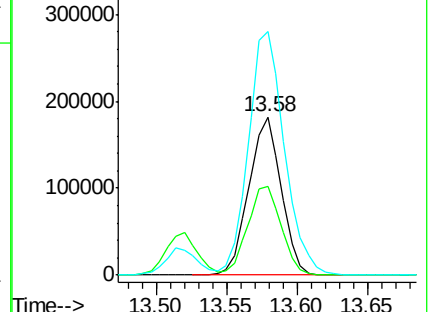
150 171.6 0.0 346.2

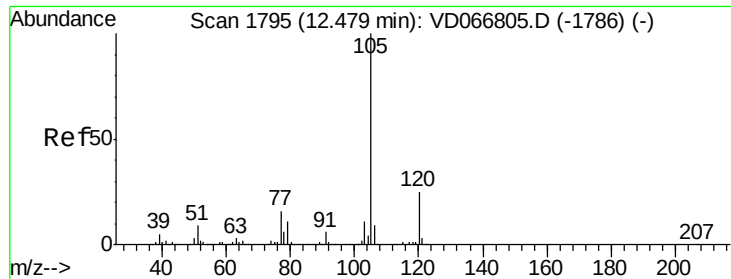


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.175 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1079855

Ion Ratio Lower Upper

105 100

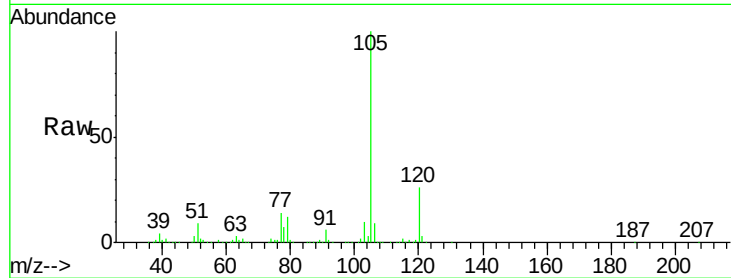
120 26.2 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

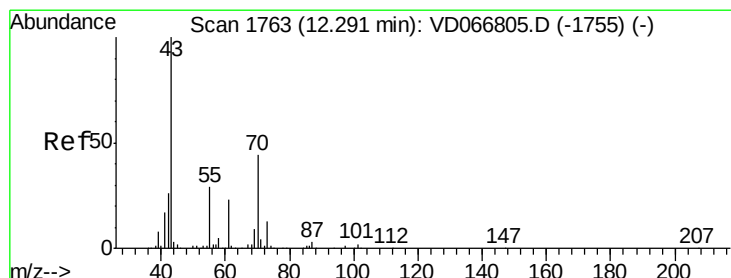
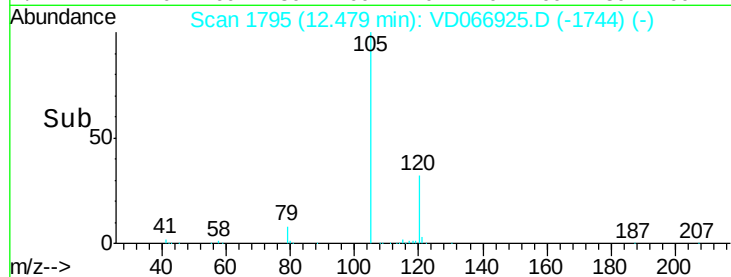
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 52.104 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion: 43 Resp: 214706

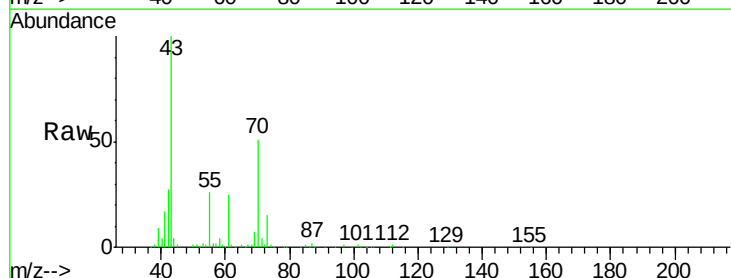
Ion Ratio Lower Upper

43 100

70 49.1 36.1 54.1

55 27.9 21.8 32.8

61 26.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

150000

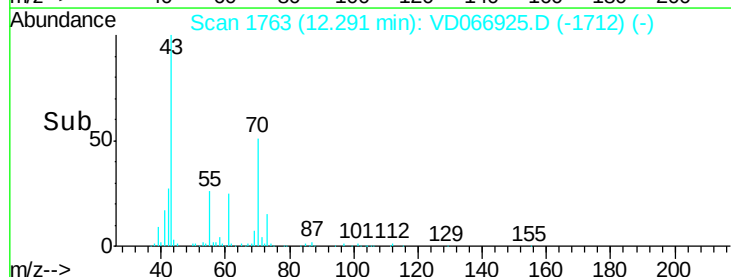
100000

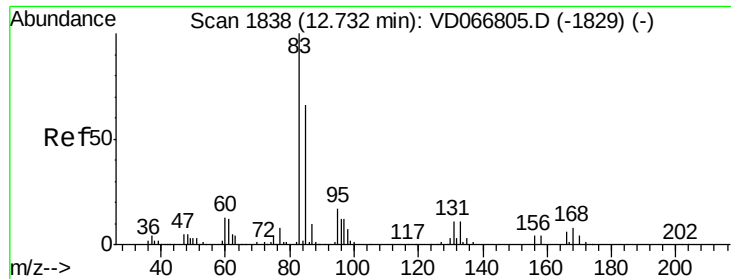
50000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.269 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

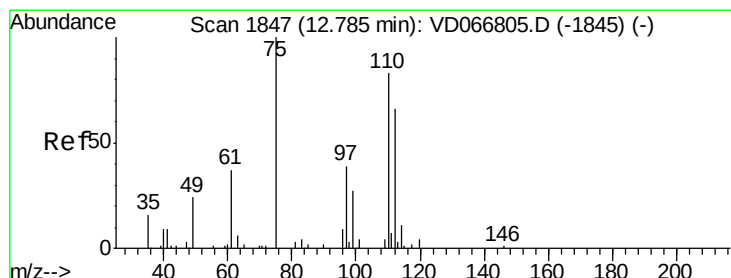
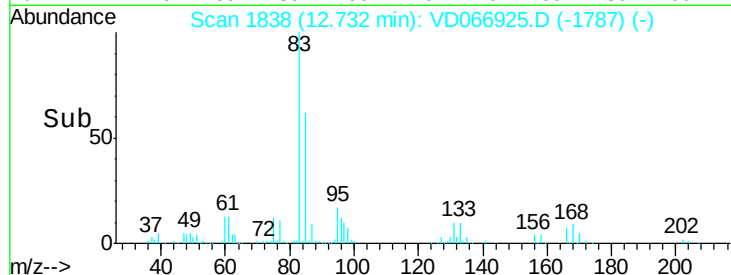
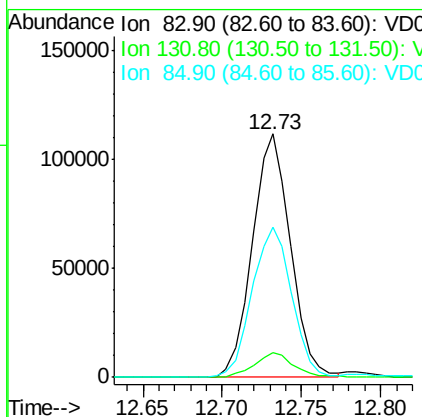
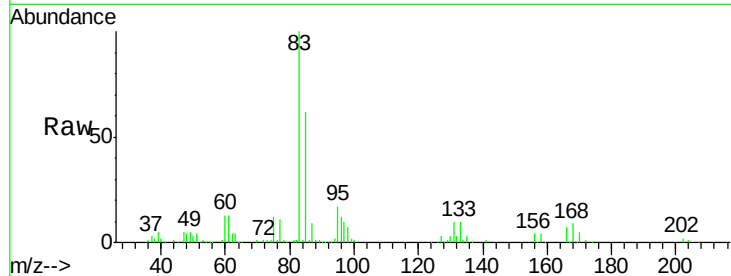
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	186676
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	64.2	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.322 ug/l m

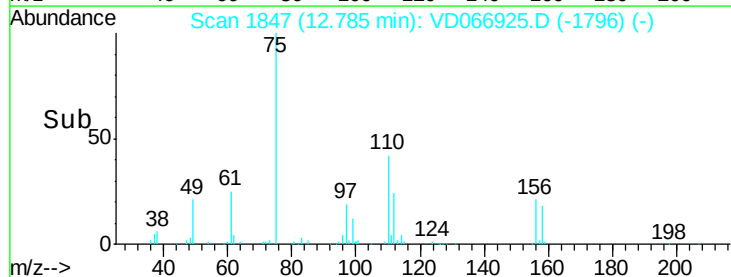
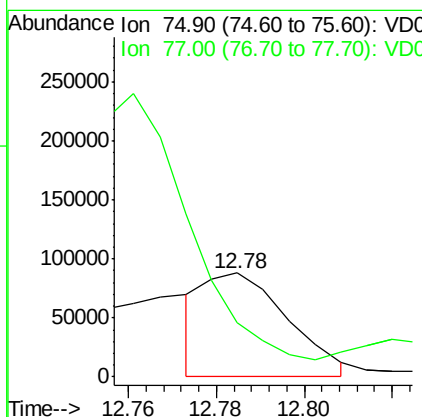
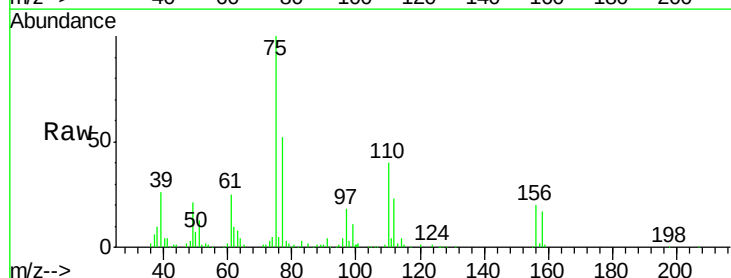
RT: 12.78 min Scan# 1847

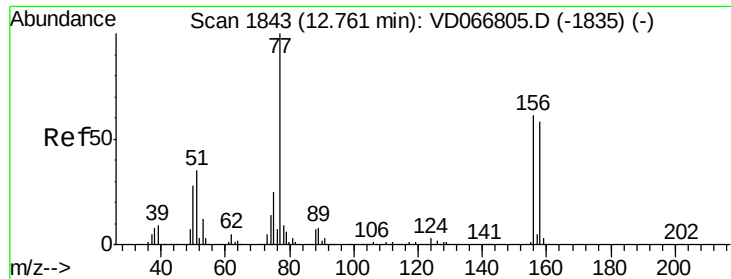
Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	75	Resp:	116972
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.925 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

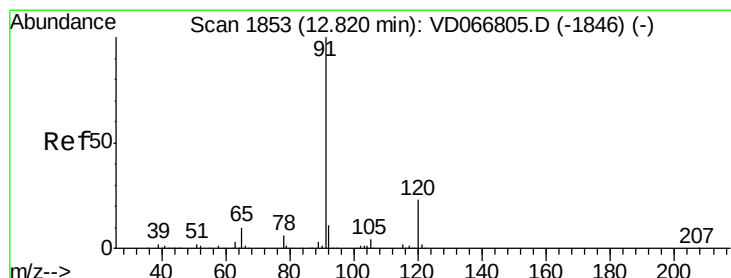
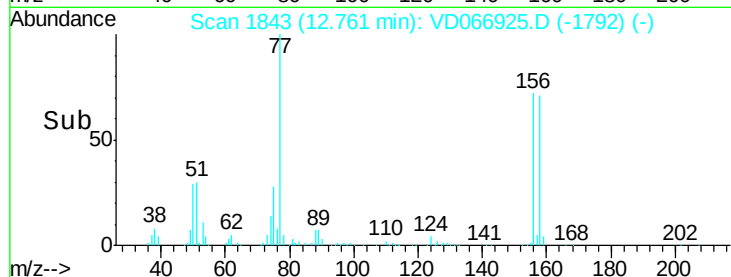
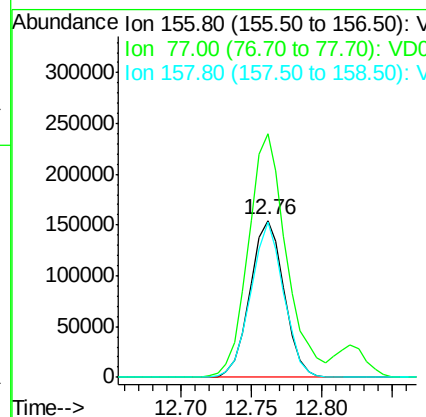
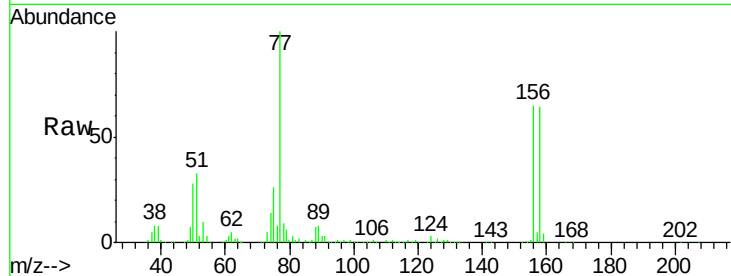
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	261191
Ion Ratio	Lower	Upper	
156	100		
77	174.0	92.3	276.9
158	96.0	47.6	142.9

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#78

n-propylbenzene

Concen: 49.357 ug/l

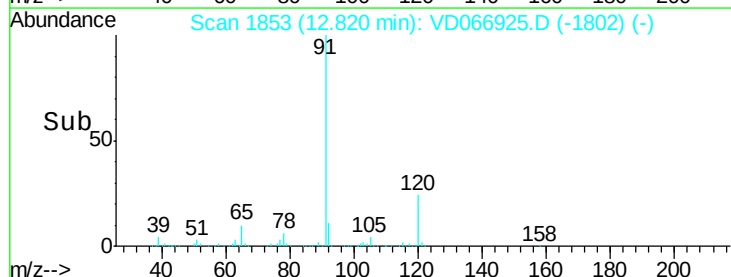
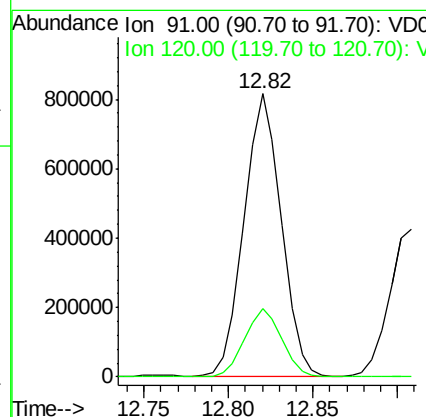
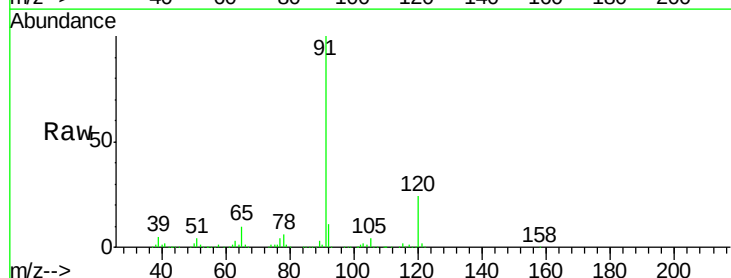
RT: 12.82 min Scan# 1853

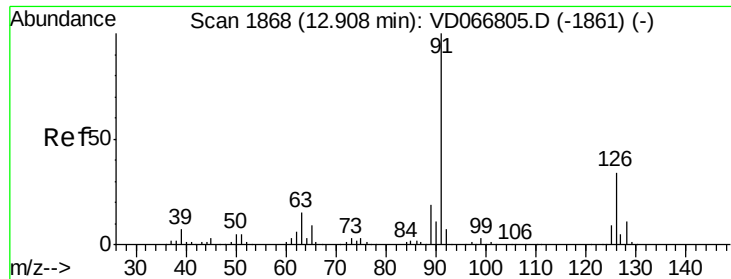
Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Tgt Ion:	91	Resp:	1252956
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.4	34.2





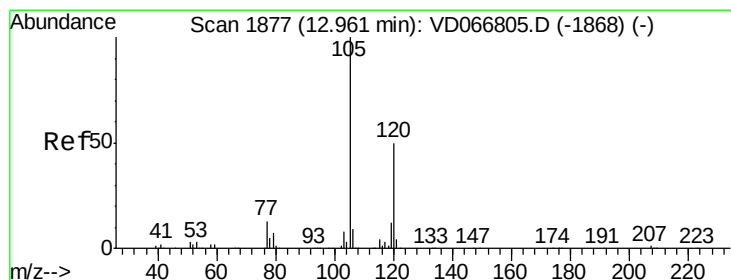
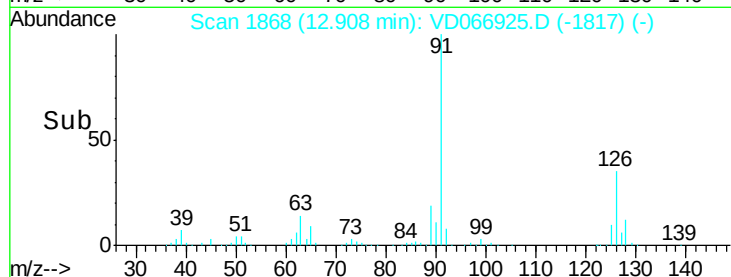
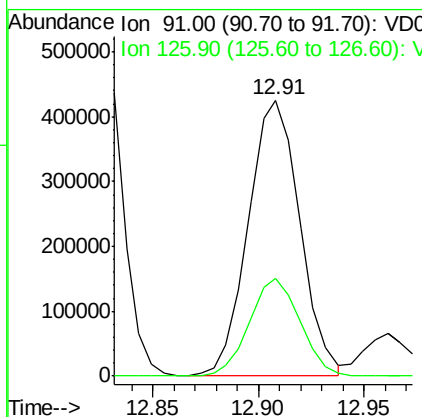
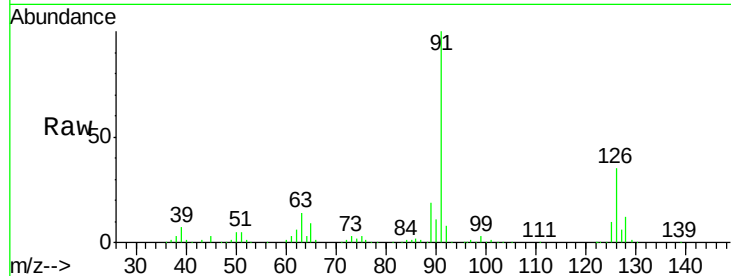
#79
 2-Chlorotoluene
 Concen: 49.787 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 720220
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.0 51.0

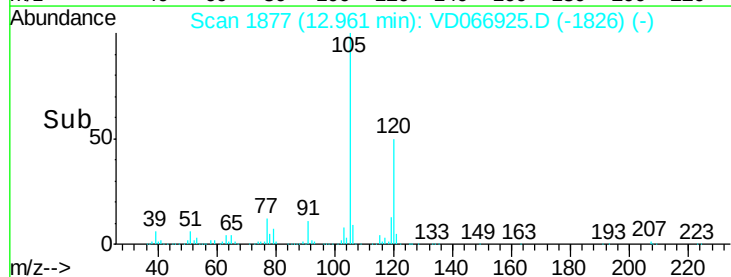
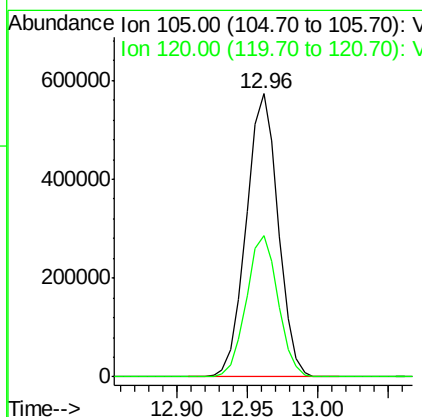
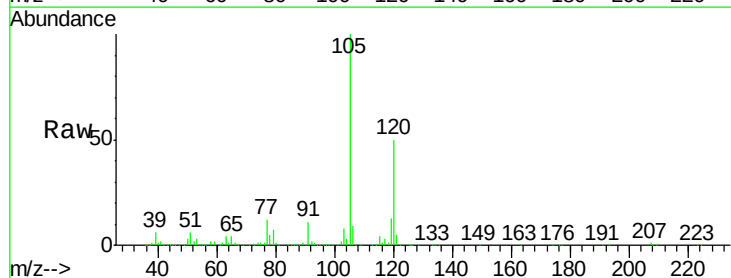
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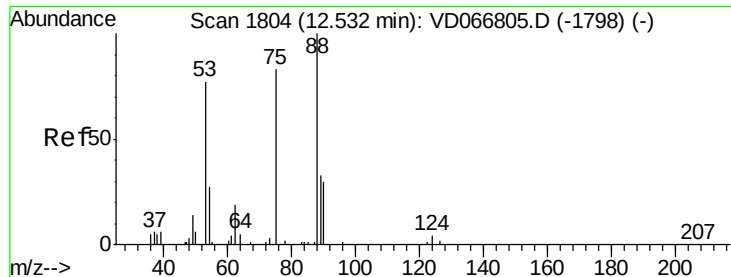
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.732 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion: 105 Resp: 908336
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4





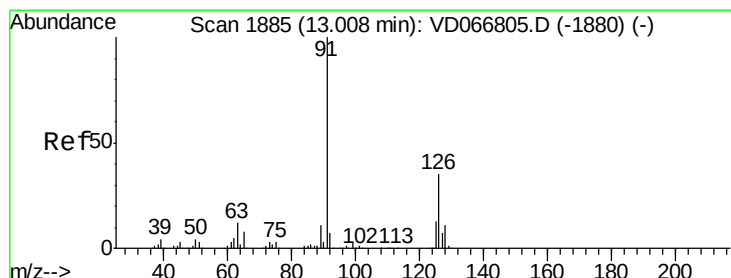
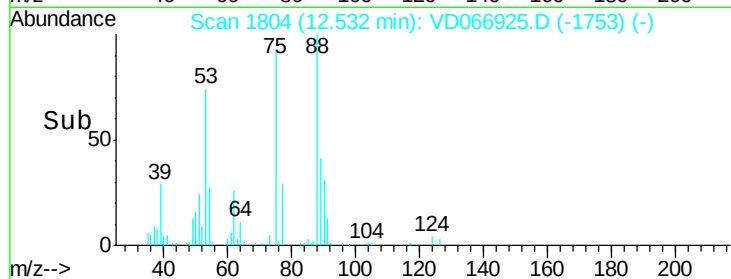
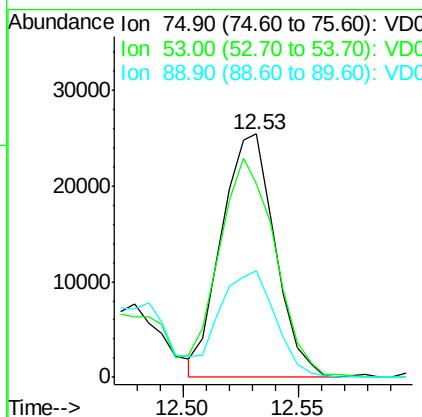
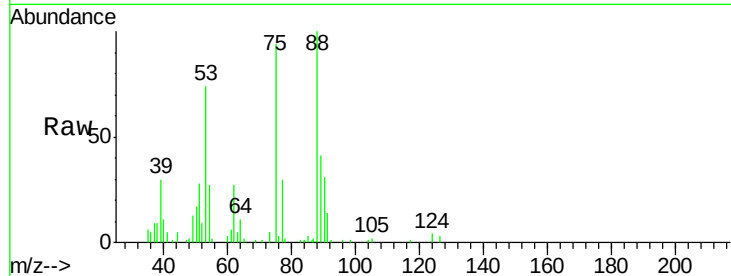
#81
trans-1,4-Dichloro-2-butene
Concen: 42.292 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.5	117.7
89	46.1	38.1	57.1

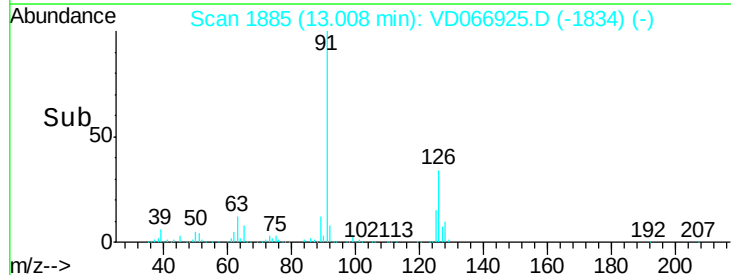
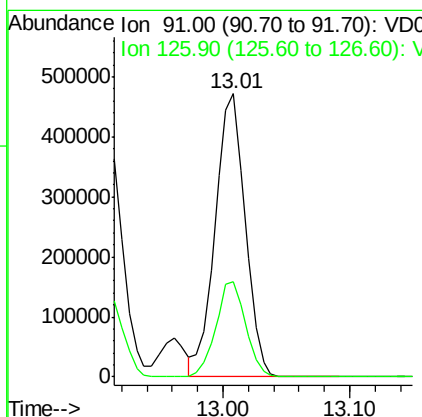
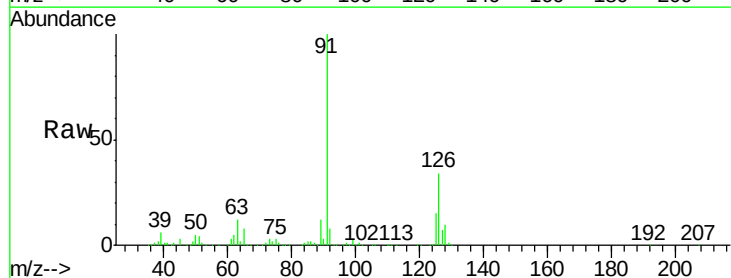
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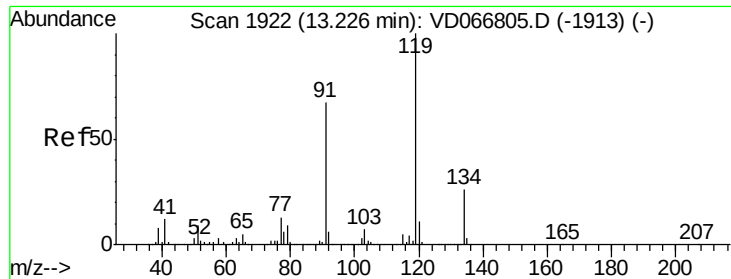
MMDadoda
9/29/2020 11:46:46 AM



#82
4-Chlorotoluene
Concen: 50.781 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.1	51.2





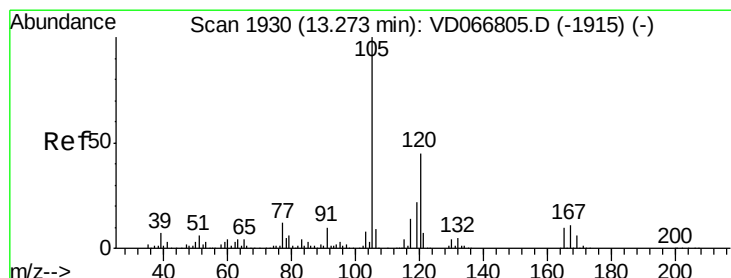
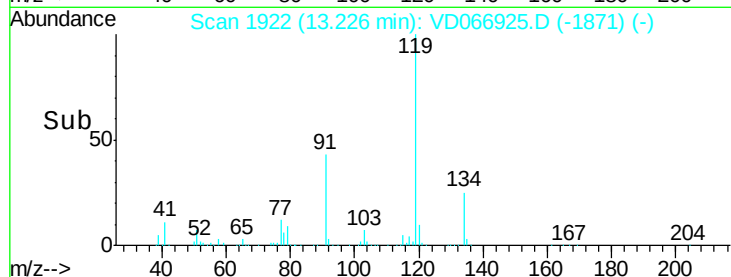
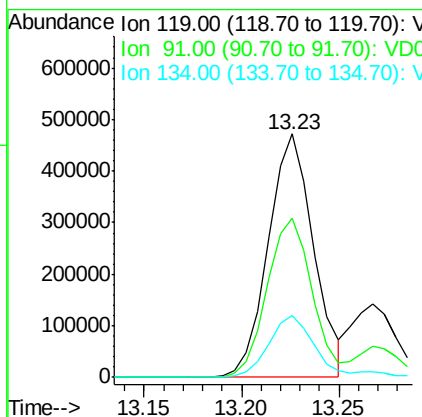
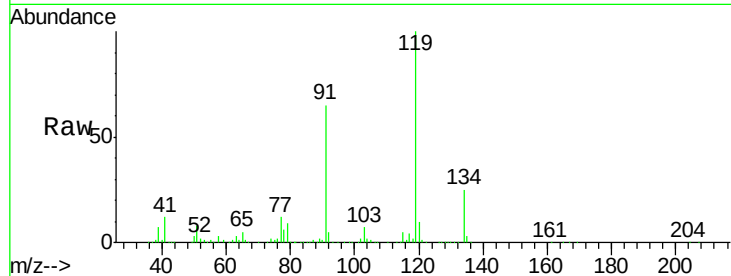
#83
 tert-Butylbenzene
 Concen: 51.589 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	759013		
91	64.8		33.6	100.8
134	26.9		13.5	40.4

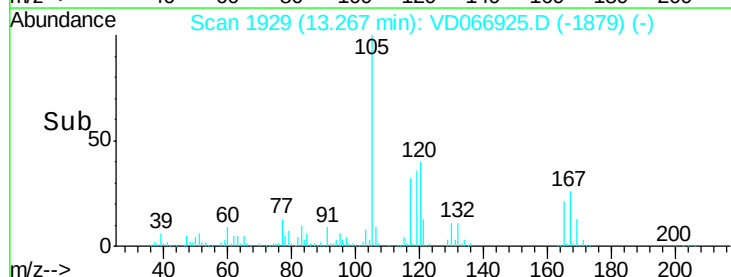
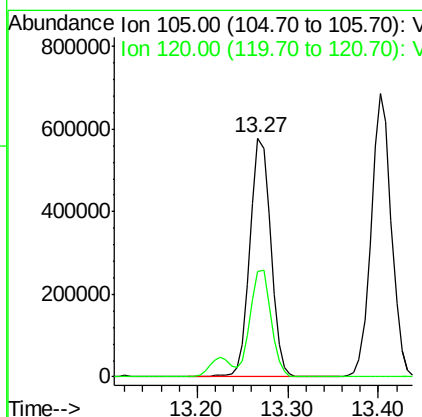
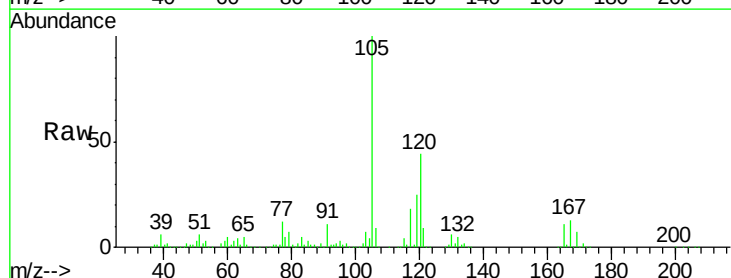
Manual Integrations
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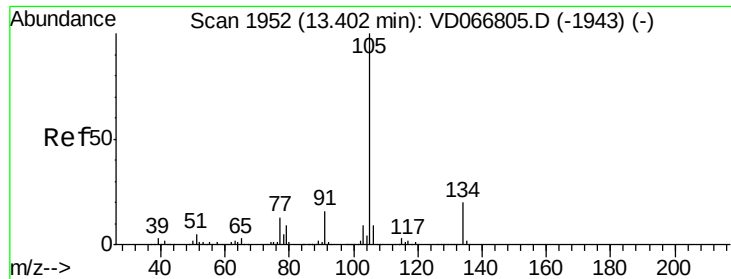
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.751 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	918810		
120	44.7		22.3	66.9





#85

sec-Butylbenzene

Concen: 50.283 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1063827

Ion Ratio Lower Upper

105 100

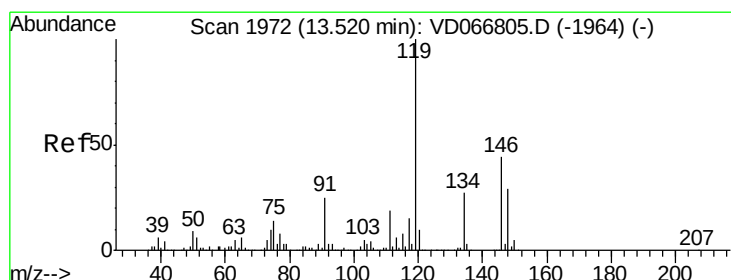
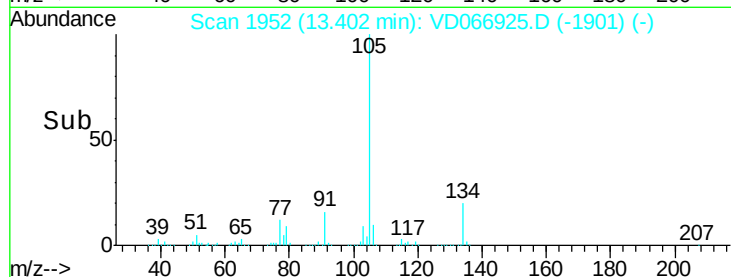
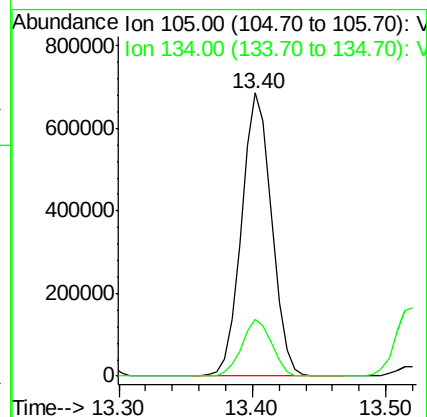
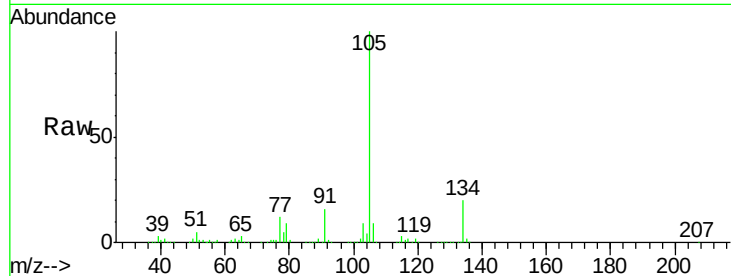
134 20.0 10.2 30.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.533 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066925.D

Acq: 28 Sep 2020 20:40

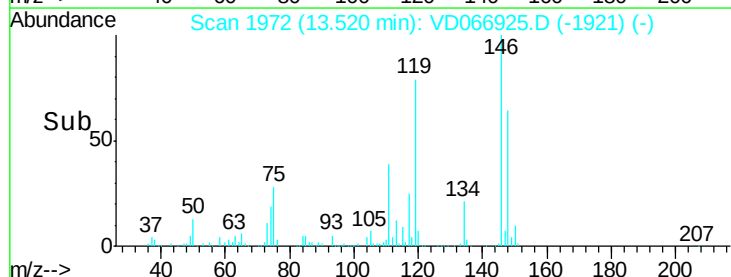
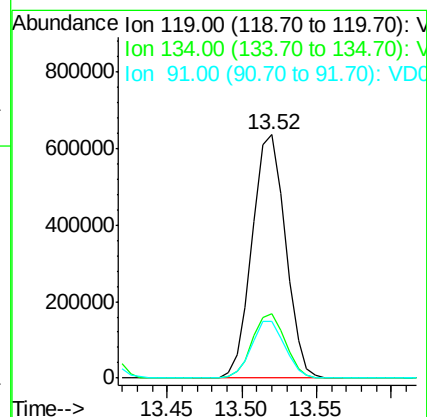
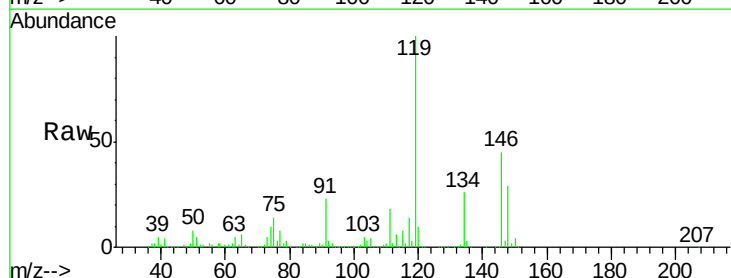
Tgt Ion:119 Resp: 982770

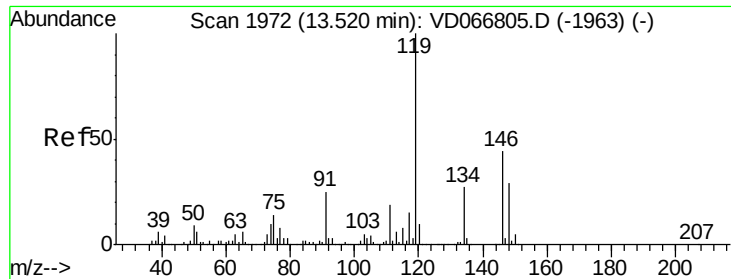
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 23.5 12.0 36.1





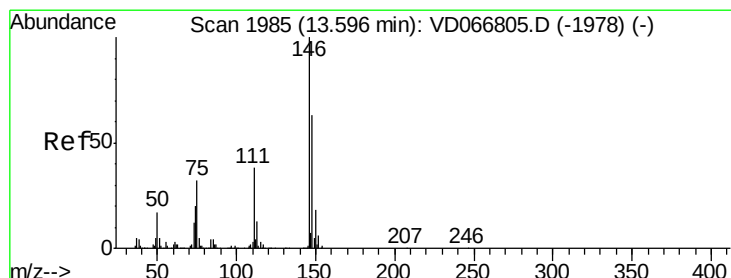
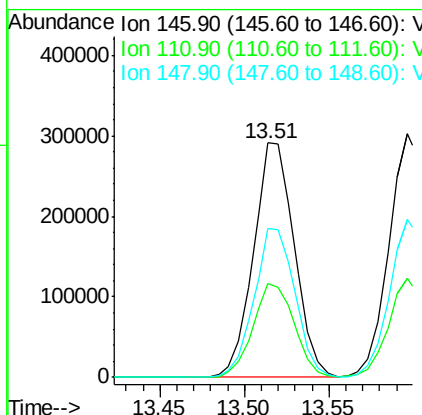
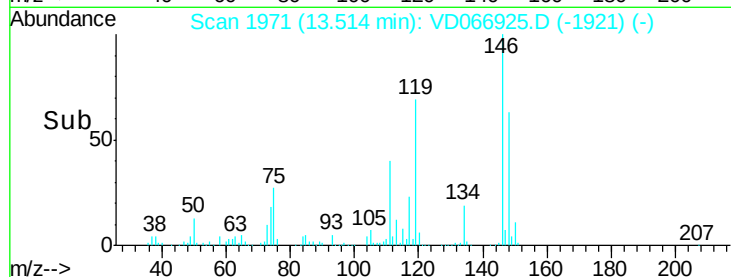
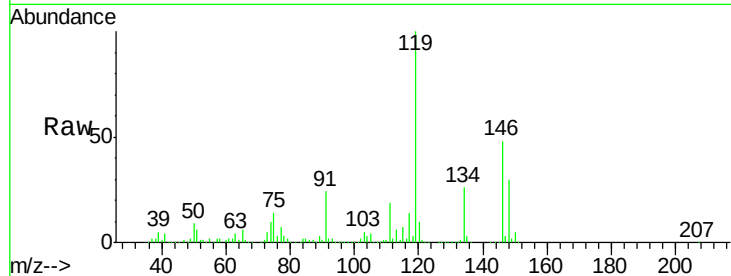
#87
 1,3-Dichlorobenzene
 Concen: 50.175 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	63.7	31.9	95.5

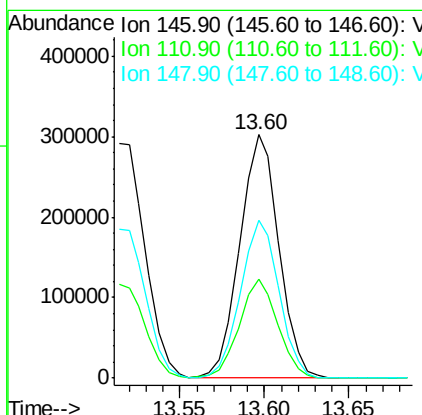
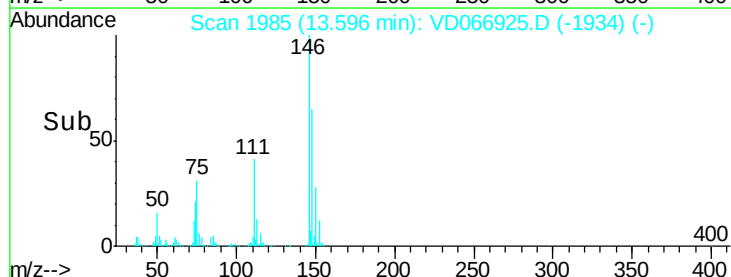
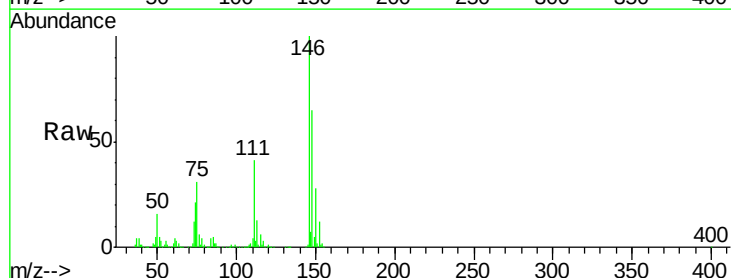
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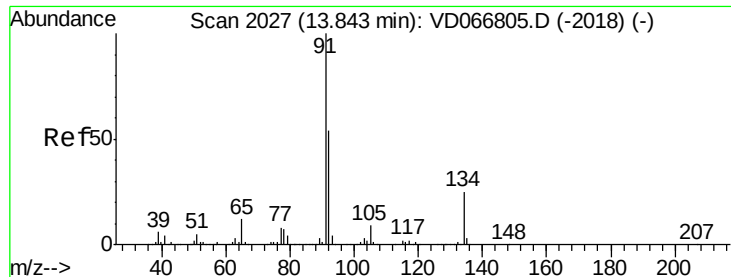
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#88
 1,4-Dichlorobenzene
 Concen: 50.229 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	64.0	31.6	94.7





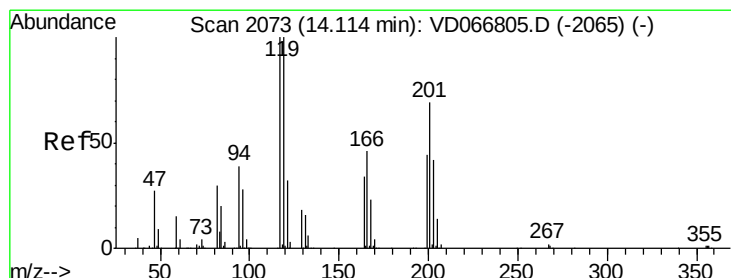
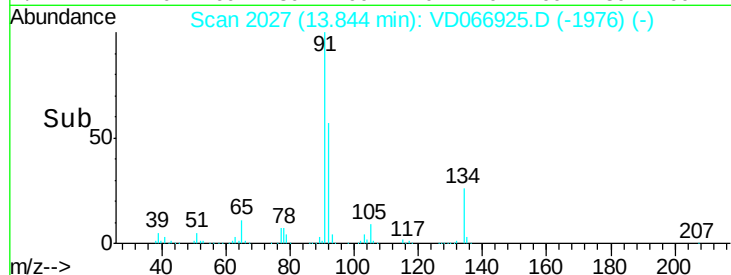
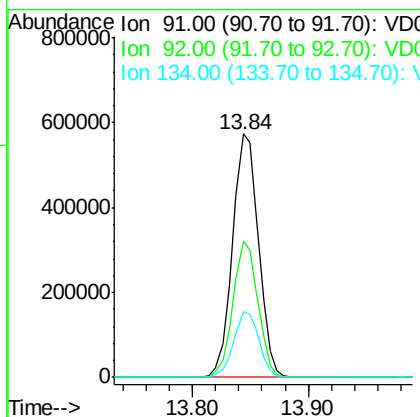
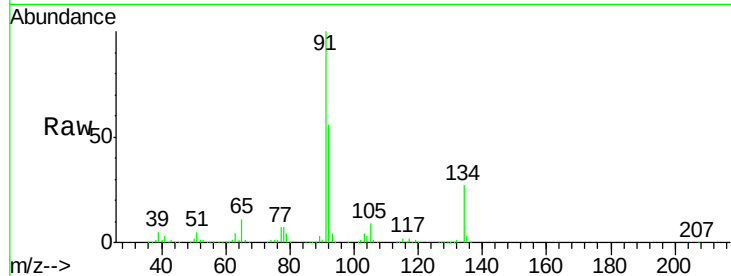
#89
n-Butylbenzene
Concen: 49.039 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	888909		
92	53.8	26.7	80.0	
134	26.3	13.1	39.1	

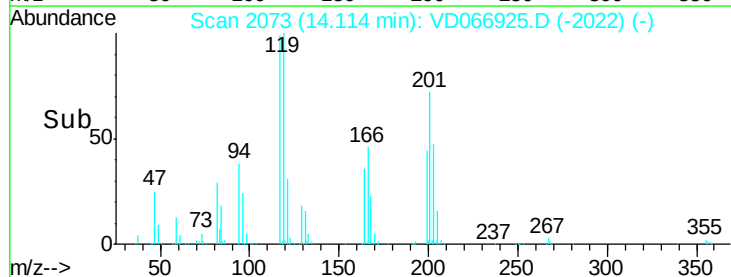
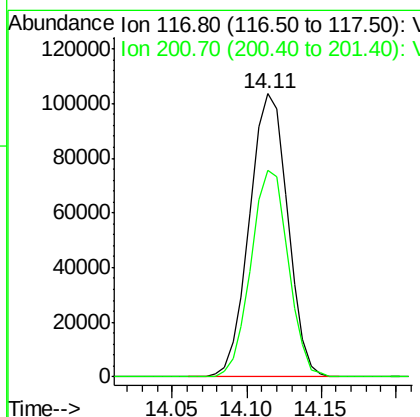
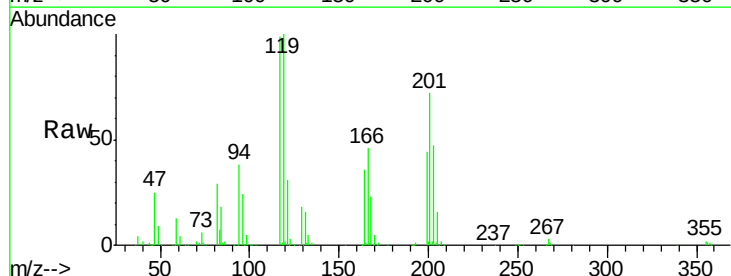
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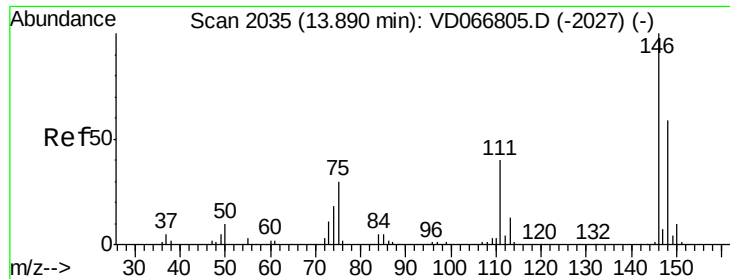
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#90
Hexachloroethane
Concen: 47.276 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183038		
201	71.3	33.7	101.0	





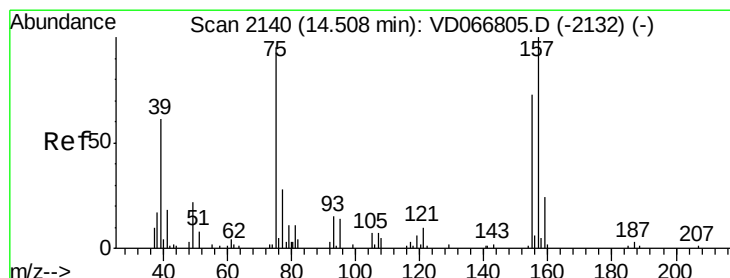
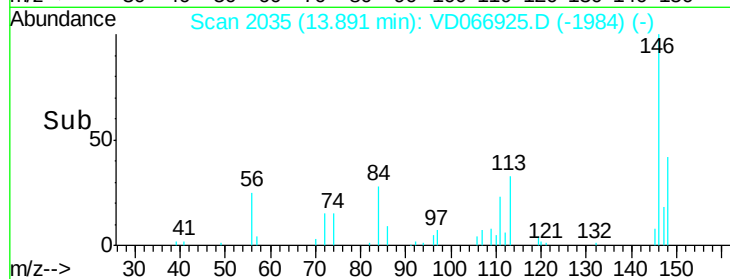
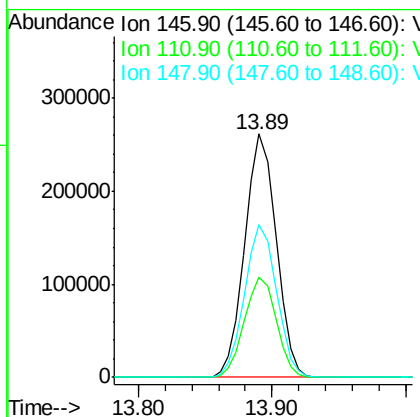
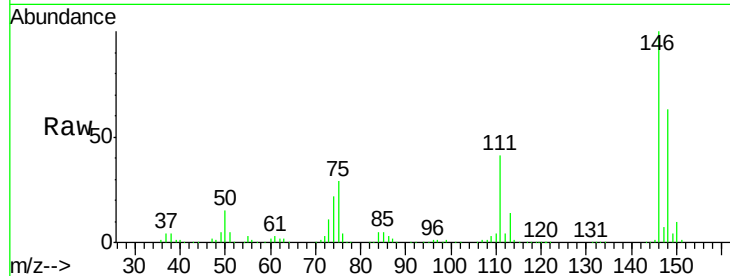
#91
 1,2-Dichlorobenzene
 Concen: 51.147 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	63.8	31.8	95.3

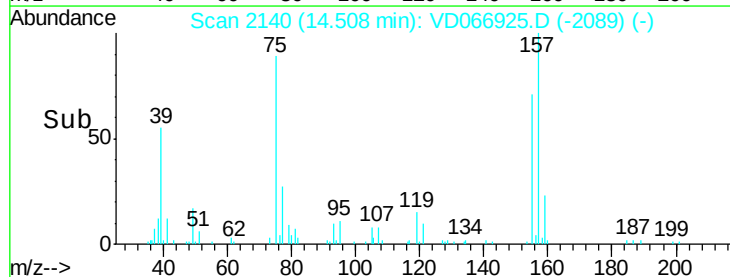
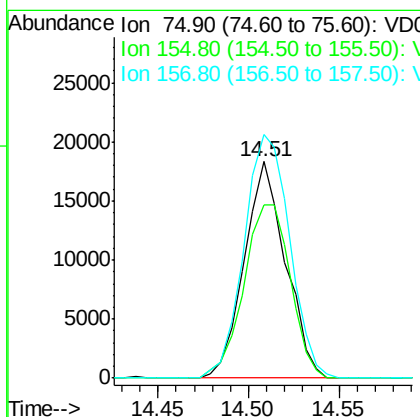
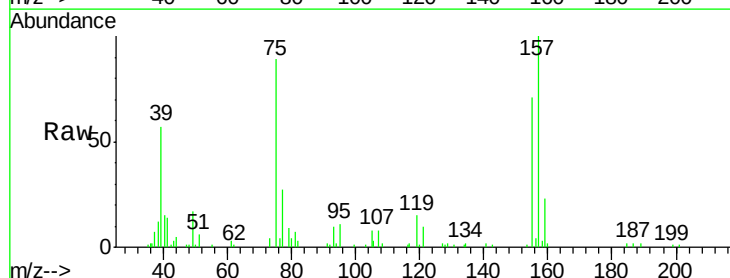
Manual Integrations
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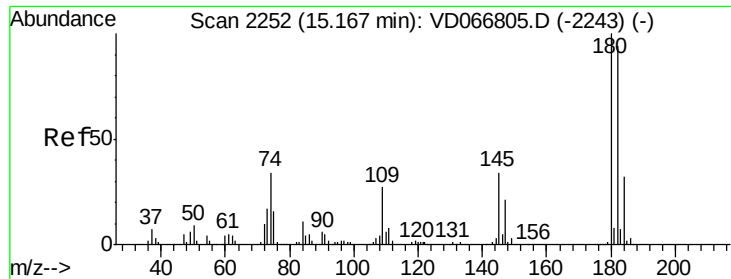
MMDadoda
 9/29/2020 11:46:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.668 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	40.4	121.2
157	124.1	51.3	153.9





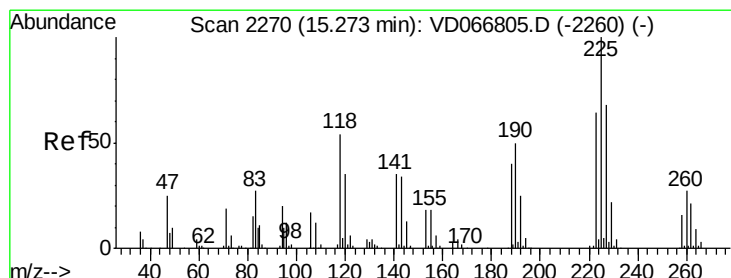
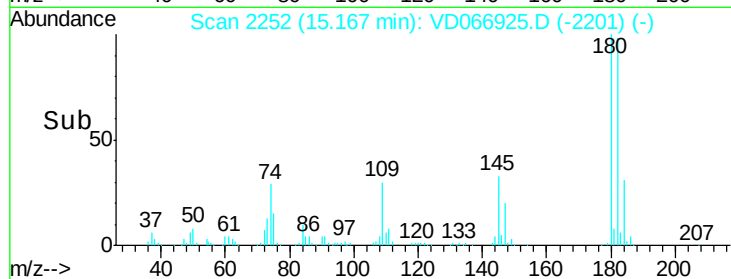
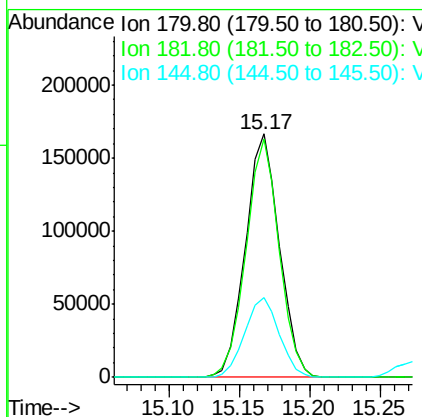
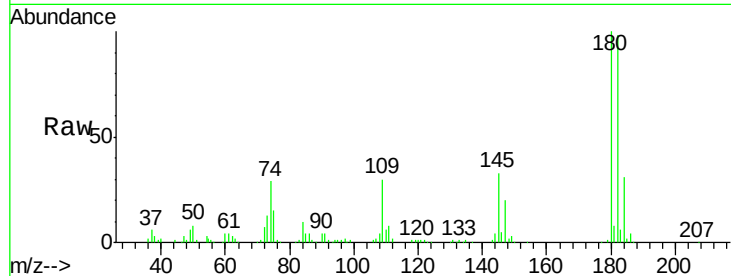
#93
 1,2,4-Trichlorobenzene
 Concen: 53.576 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	281331		
182	95.4	48.8	146.3	
145	33.3	16.7	50.0	

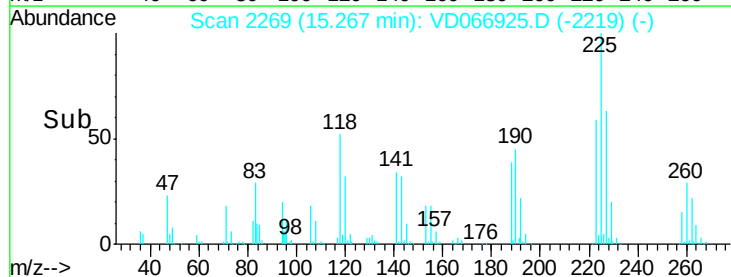
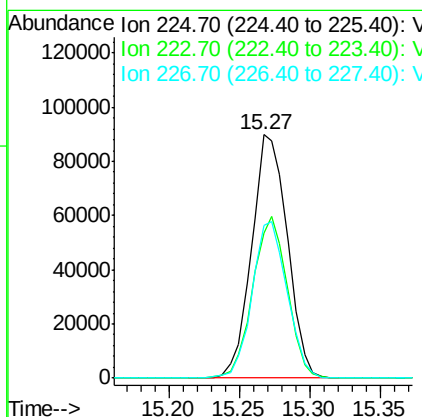
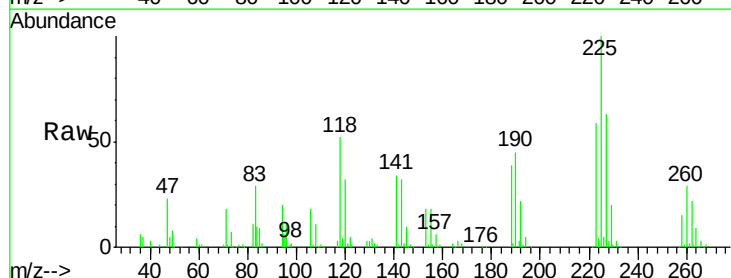
Manual Integrations
 APPROVED

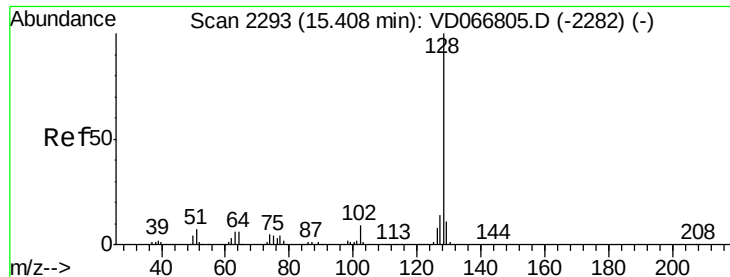
MMDadoda
 9/29/2020 11:46:46 AM



#94
 Hexachlorobutadiene
 Concen: 50.741 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066925.D
 Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159668		
223	63.9	31.1	93.3	
227	62.9	31.7	95.1	





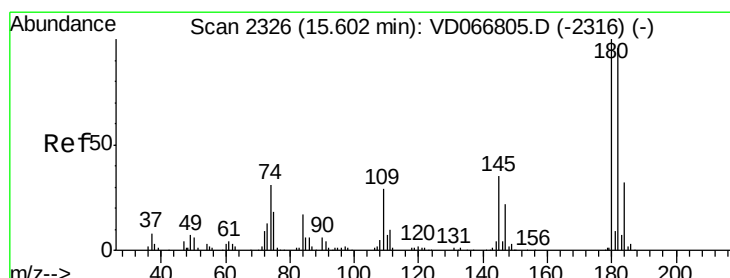
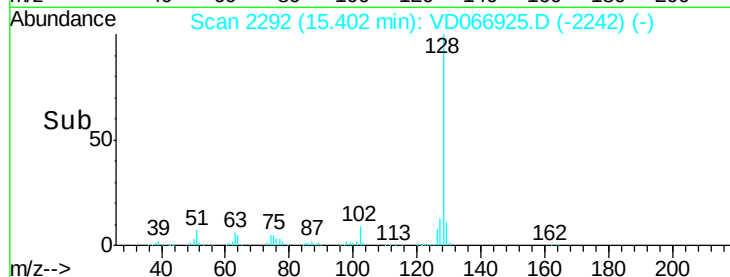
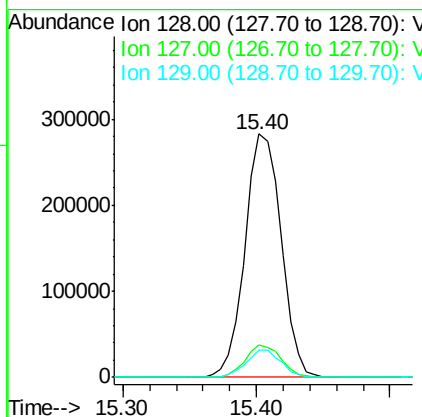
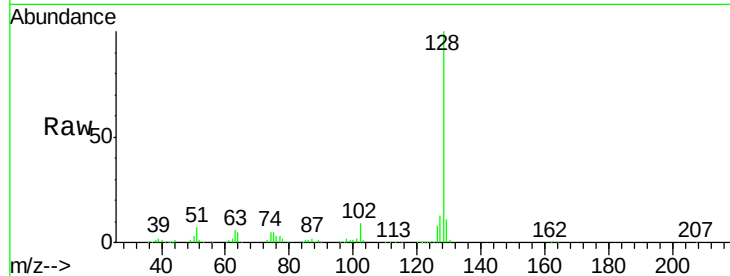
#95
Naphthalene
Concen: 59.288 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	528561		
127	13.1		10.6	16.0
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/29/2020 11:46:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.270 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066925.D
Acq: 28 Sep 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	250498		
182	96.1		46.8	140.3
145	33.3		17.0	51.0

