

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066840.D
 Acq On : 24 Sep 2020 10:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/25/2020 3:59:58 PM

Quant Time: Sep 25 01:18:20 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	7.97	168	429744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	634794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	582195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282232	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	185769	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
35) Dibromofluoromethane	7.91	113	195874	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.33	98	697159	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.63	95	240632	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	146802	48.857	ug/l	92
3) Chloromethane	2.21	50	160405	40.625	ug/l	96
4) Vinyl Chloride	2.35	62	180118	46.174	ug/l	96
5) Bromomethane	2.77	94	113733	41.481	ug/l	97
6) Chloroethane	2.92	64	105652	43.615	ug/l	97
7) Trichlorofluoromethane	3.27	101	366651	45.767	ug/l	95
8) Diethyl Ether	3.70	74	88862	43.692	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	215843	46.464	ug/l	98
10) Methyl Iodide	4.30	142	209766	51.172	ug/l	98
11) Tert butyl alcohol	5.20	59	49170	180.148	ug/l	99
12) 1,1-Dichloroethene	4.06	96	193024	45.869	ug/l	98
13) Acrolein	3.92	56	60997	196.582	ug/l	94
14) Allyl chloride	4.71	41	277241	44.866	ug/l	99
15) Acrylonitrile	5.41	53	202621	224.807	ug/l	98
16) Acetone	4.15	43	201178	225.467	ug/l	97
17) Carbon Disulfide	4.40	76	577213	44.865	ug/l	98
18) Methyl Acetate	4.71	43	91017	45.382	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	424519	46.453	ug/l	100
20) Methylene Chloride	4.96	84	220501	45.234	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	228631	46.922	ug/l	94
22) Diisopropyl ether	6.36	45	585867	46.112	ug/l	100
23) Vinyl Acetate	6.30	43	1530186	222.130	ug/l	98
24) 1,1-Dichloroethane	6.26	63	380612	44.780	ug/l	99
25) 2-Butanone	7.21	43	225600	210.395	ug/l	92
26) 2,2-Dichloropropane	7.21	77	351677	45.143	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	245981	46.463	ug/l	99
28) Bromochloromethane	7.54	49	166457	47.405	ug/l #	97
29) Tetrahydrofuran	7.56	42	155670	226.575	ug/l	97
30) Chloroform	7.71	83	414940	45.289	ug/l	100
31) Cyclohexane	7.98	56	342217	44.747	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	380733	45.937	ug/l	99
36) 1,1-Dichloropropene	8.10	75	323030	51.294	ug/l	99
37) Ethyl Acetate	7.29	43	112137	49.255	ug/l	99
38) Carbon Tetrachloride	8.09	117	348825	50.664	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	387236	53.555	ug/l	98
40) Benzene	8.34	78	873540	49.770	ug/l	99
41) Methacrylonitrile	7.53	41	65857m	47.038	ug/l	
42) 1,2-Dichloroethane	8.42	62	248634	47.919	ug/l	98
43) Isopropyl Acetate	8.44	43	212523	48.419	ug/l	98
44) Trichloroethene	9.11	130	247157	49.404	ug/l	99
45) 1,2-Dichloropropane	9.38	63	213734	48.400	ug/l	95
46) Dibromomethane	9.47	93	119480	49.798	ug/l	98
47) Bromodichloromethane	9.66	83	319879	49.630	ug/l	97
48) Methyl methacrylate	9.45	41	108374	50.078	ug/l	94
49) 1,4-Dioxane	9.46	88	29331	1087.010	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	565502	254.264	ug/l	98
52) Toluene	10.40	92	580334	51.332	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	279700	50.986	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	333959	49.926	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	167000	50.631	ug/l	95
56) Ethyl methacrylate	10.66	69	186326	52.732	ug/l	99
57) 1,3-Dichloropropane	10.94	76	272339	50.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	405937	242.629	ug/l	98
59) 2-Hexanone	10.98	43	385770	257.204	ug/l	99
60) Dibromochloromethane	11.14	129	220182	51.148	ug/l	99
61) 1,2-Dibromoethane	11.24	107	158136	51.545	ug/l	99
64) Tetrachloroethene	10.87	164	218020	52.061	ug/l	96
65) Chlorobenzene	11.67	112	606856	50.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	232539	50.699	ug/l	99
67) Ethyl Benzene	11.74	91	1111516	52.222	ug/l	97
68) m/p-Xylenes	11.85	106	869642	107.916	ug/l	98
69) o-Xylene	12.18	106	380386	52.202	ug/l	100
70) Styrene	12.19	104	667496	52.748	ug/l	99
71) Bromoform	12.36	173	116652	50.231	ug/l #	99
73) Isopropylbenzene	12.48	105	1074724	52.712	ug/l	97
74) N-amyl acetate	12.28	43	198542	49.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	172431	49.012	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	122508m	52.378	ug/l	
77) Bromobenzene	12.76	156	240926	50.526	ug/l	96
78) n-propylbenzene	12.82	91	1295733	52.826	ug/l	100
79) 2-Chlorotoluene	12.91	91	699806	50.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	907417	52.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	42306	45.254	ug/l	95
82) 4-Chlorotoluene	13.00	91	746278	50.649	ug/l	100
83) tert-Butylbenzene	13.23	119	765593	53.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	905227	52.768	ug/l	99
85) sec-Butylbenzene	13.40	105	1077612	52.715	ug/l	100
86) p-Isopropyltoluene	13.51	119	1005632	54.575	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	470187	49.910	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	460570	49.224	ug/l	99
89) n-Butylbenzene	13.84	91	932664	53.252	ug/l	100
90) Hexachloroethane	14.11	117	184702	49.373	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	404743	50.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26599	47.000	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264430	52.118	ug/l	97
94) Hexachlorobutadiene	15.27	225	162662	53.500	ug/l	99
95) Naphthalene	15.40	128	449660	52.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	225247	51.436	ug/l	98

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

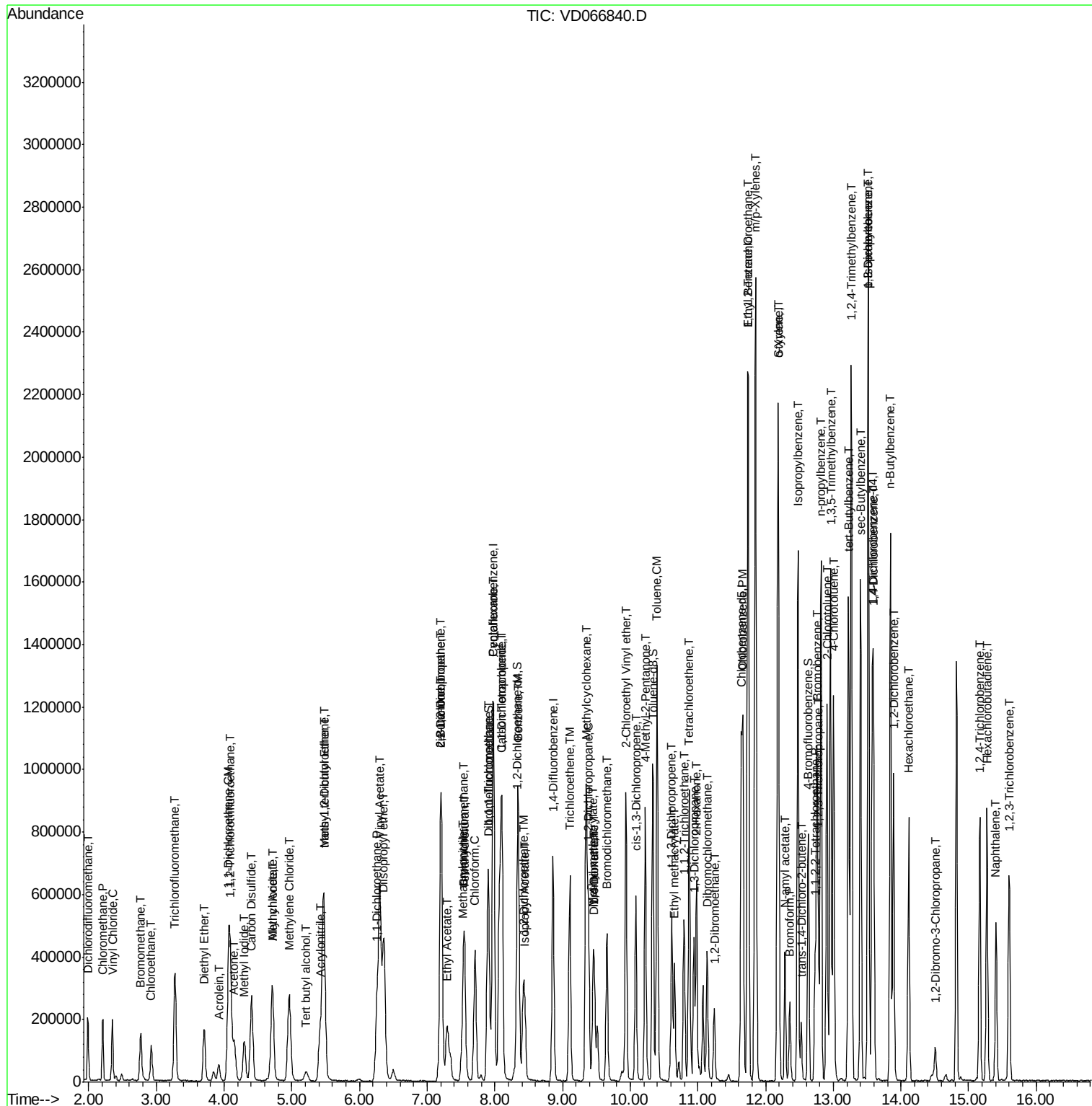
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066840.D
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Operator : VA/SY
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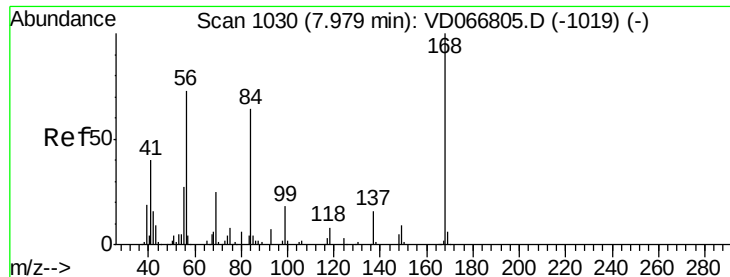
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 429744

Ion Ratio Lower Upper

168 100

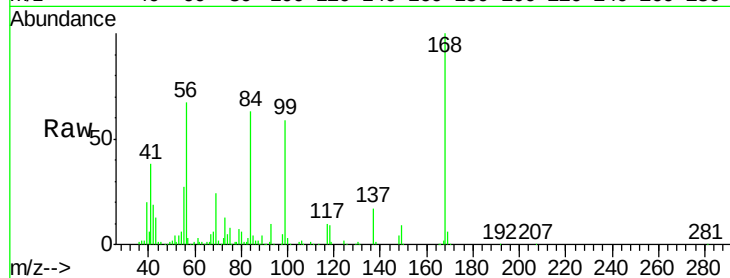
99 59.0 46.6 69.8

Manual Integrations

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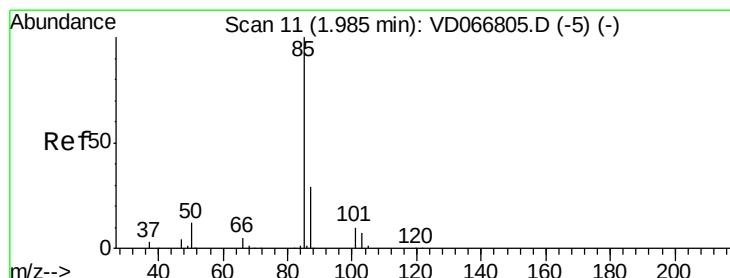
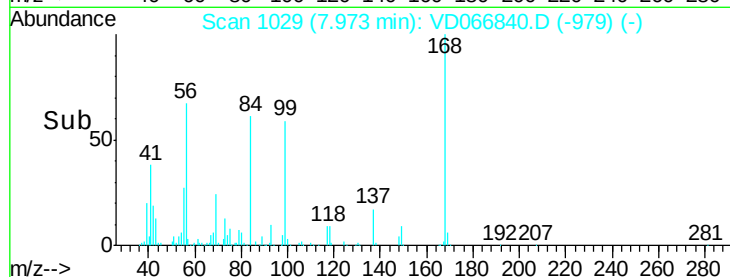
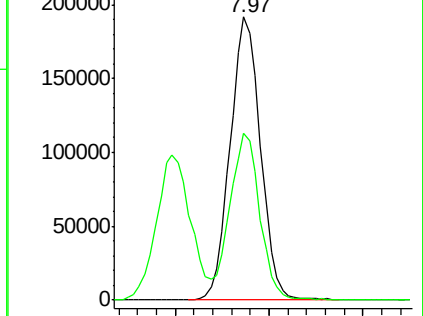
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.857 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066840.D

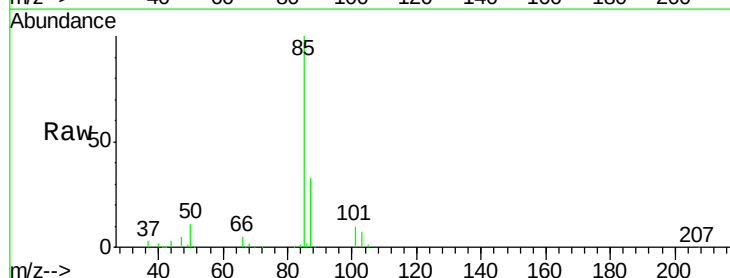
Acq: 24 Sep 2020 10:04

Tgt Ion: 85 Resp: 146802

Ion Ratio Lower Upper

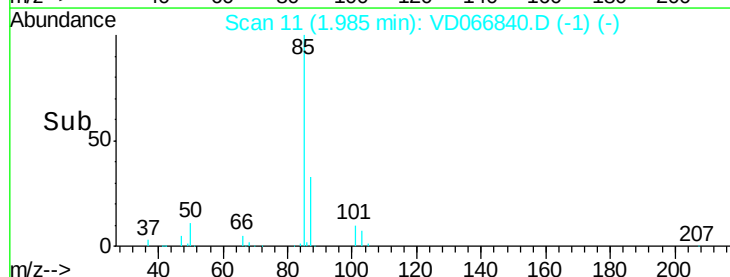
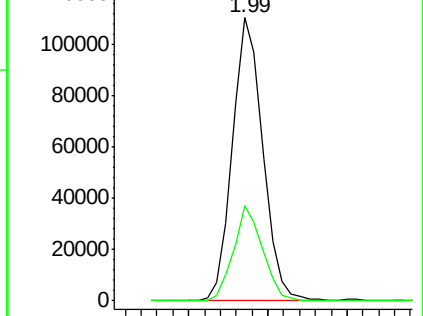
85 100

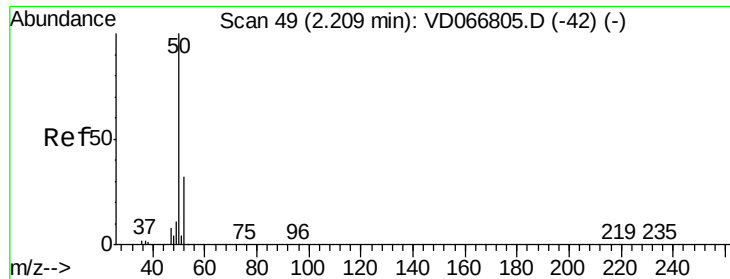
87 33.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.625 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 160405

Ion Ratio Lower Upper

50 100

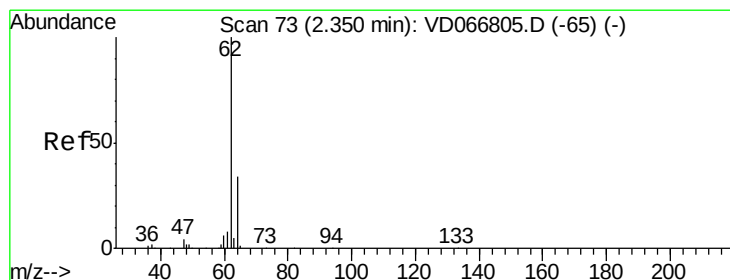
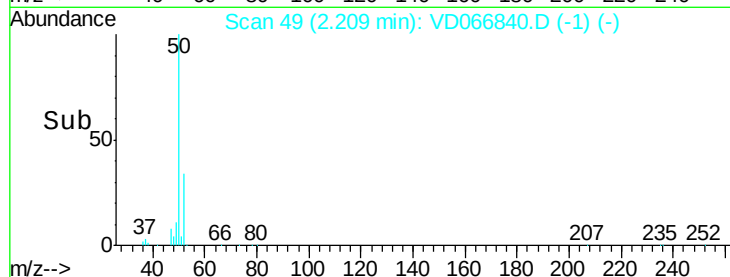
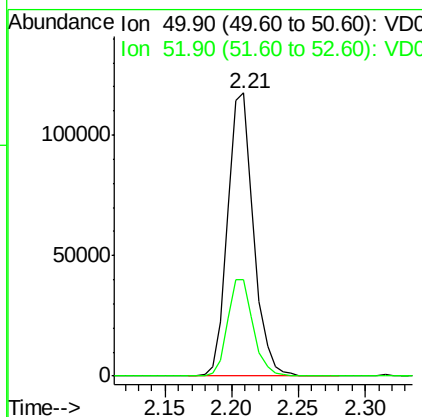
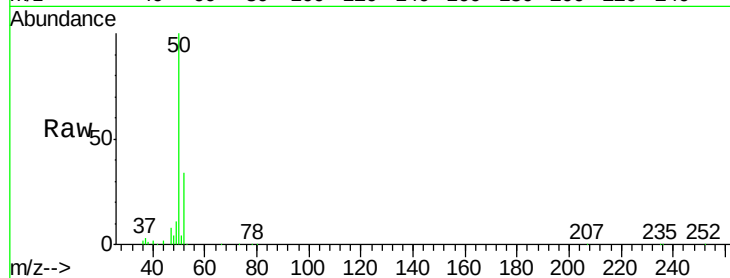
52 34.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.174 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066840.D

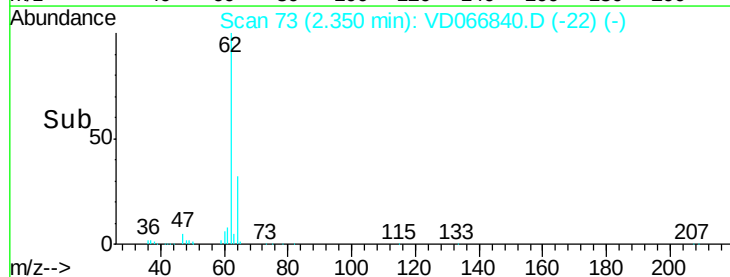
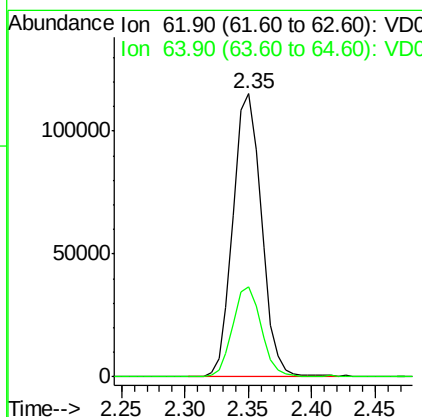
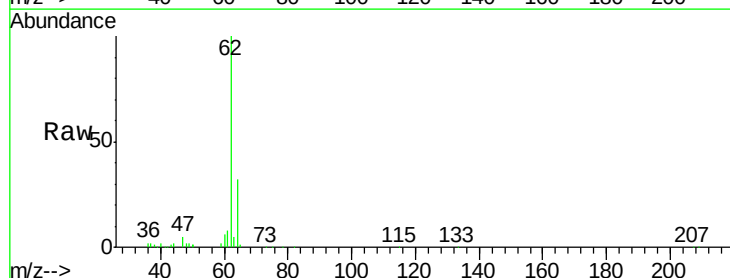
Acq: 24 Sep 2020 10:04

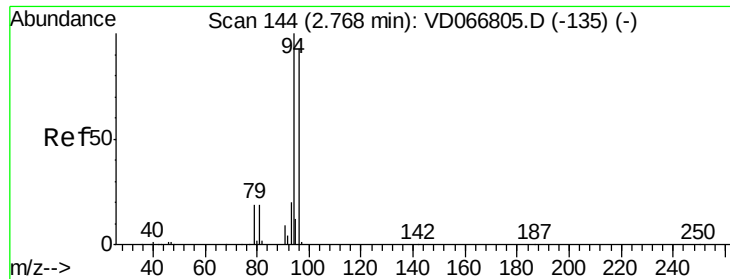
Tgt Ion: 62 Resp: 180118

Ion Ratio Lower Upper

62 100

64 31.7 27.0 40.4





#5

Bromomethane

Concen: 41.481 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

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Tot Ion: 94 Resp: 113733

Ion Ratio Lower Upper

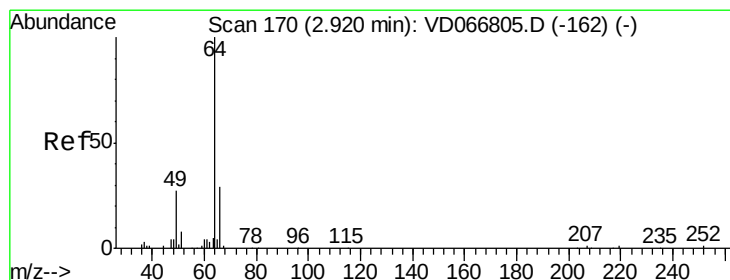
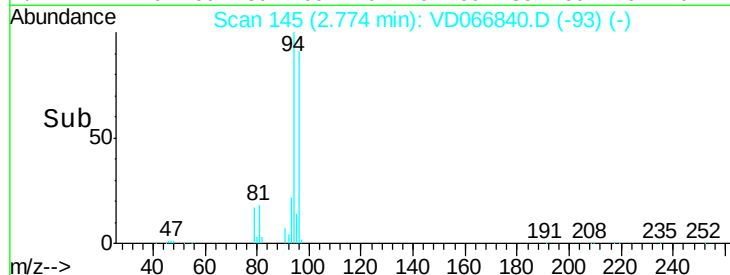
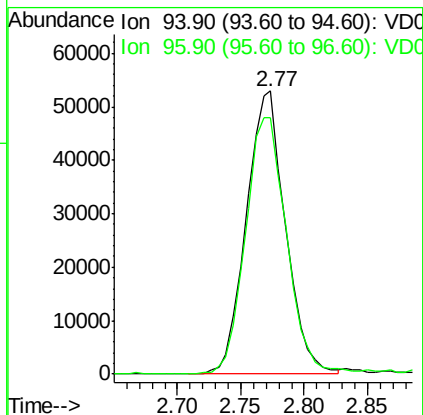
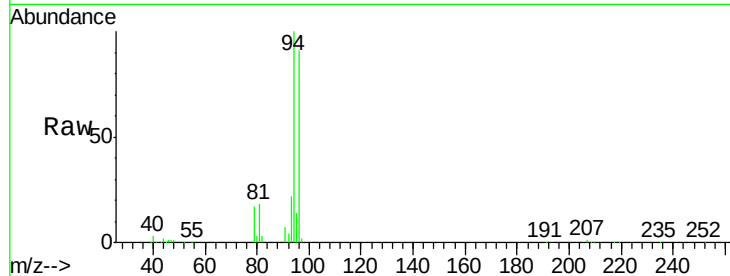
94 100

96 90.2 74.3 111.5

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#6

Chloroethane

Concen: 43.615 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066840.D

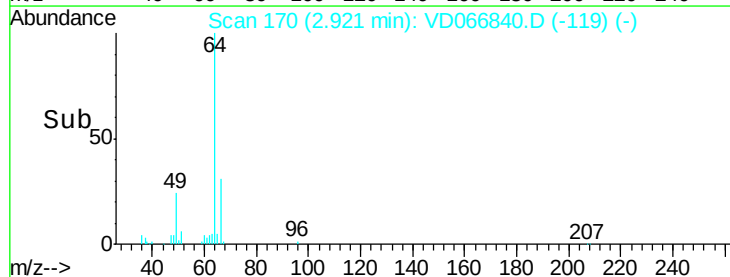
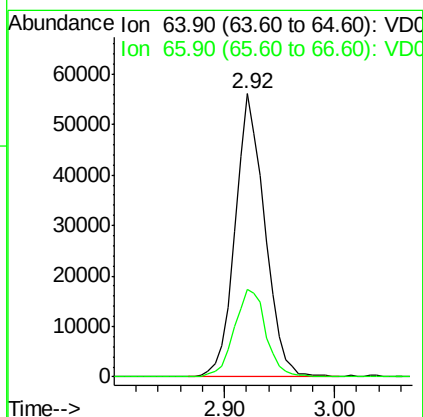
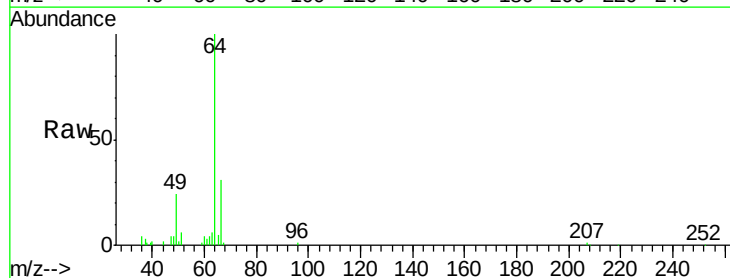
Acq: 24 Sep 2020 10:04

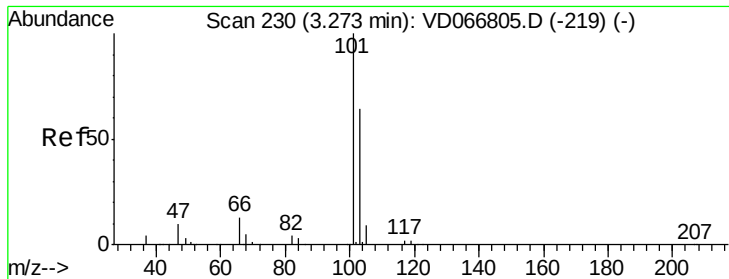
Tgt Ion: 64 Resp: 105652

Ion Ratio Lower Upper

64 100

66 30.9 23.3 34.9





#7

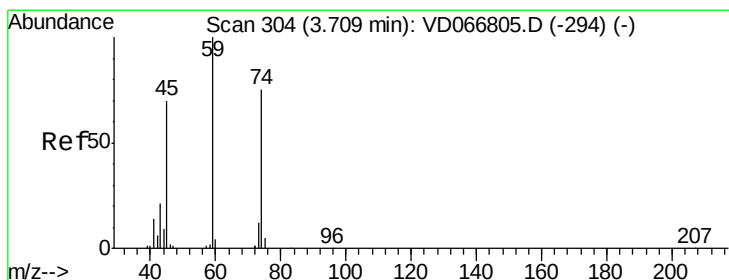
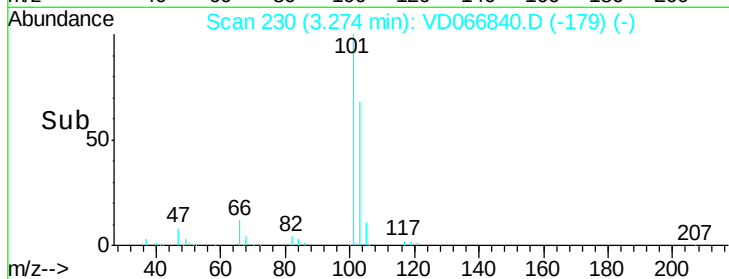
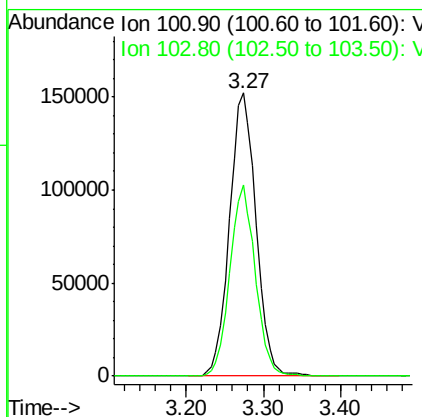
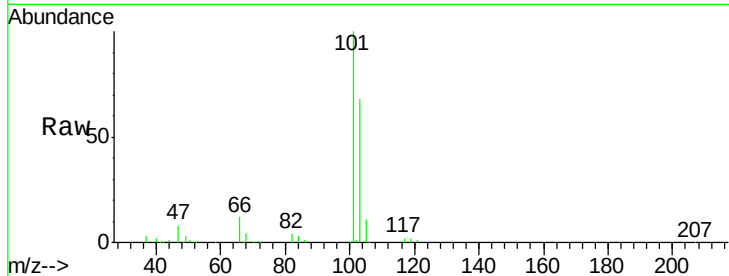
Trichlorofluoromethane
 Concen: 45.767 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.0	76.6

Manual Integrations
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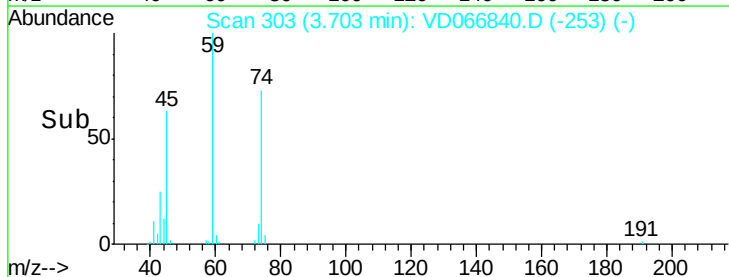
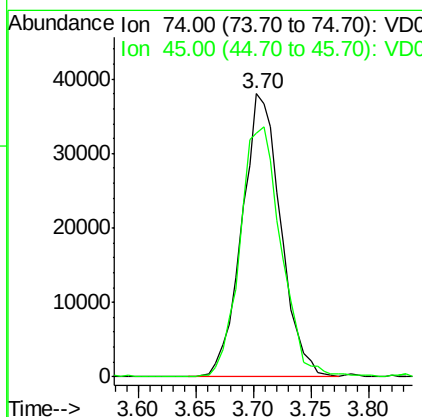
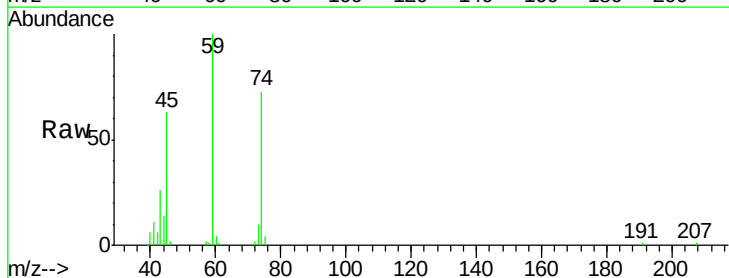
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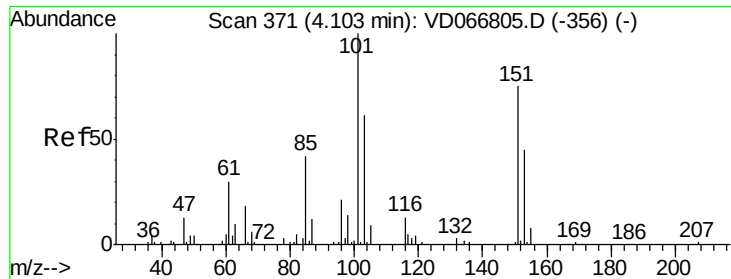


#8

Diethyl Ether
 Concen: 43.692 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.464 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

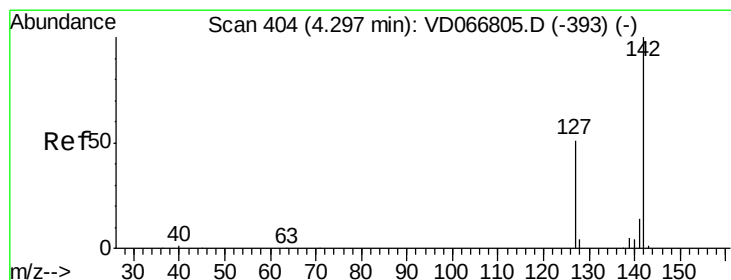
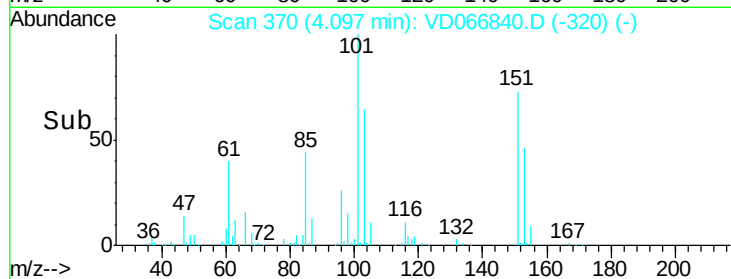
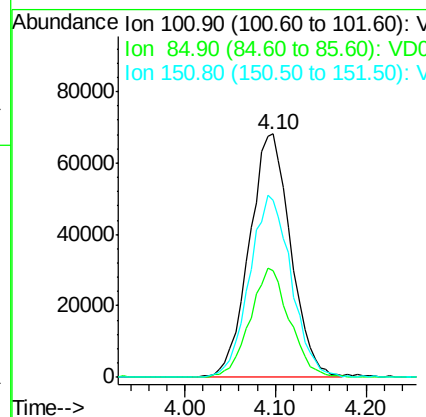
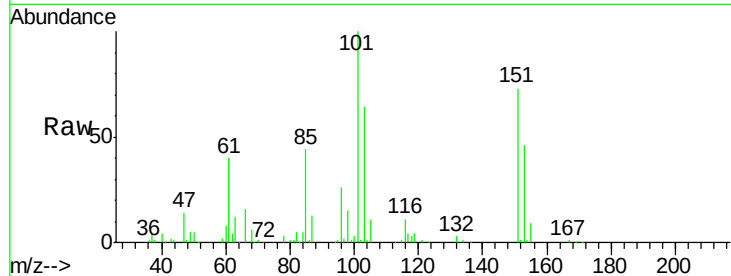
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	215843
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.4	53.2
151	75.4	61.4	92.0

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#10

Methyl Iodide

Concen: 51.172 ug/l

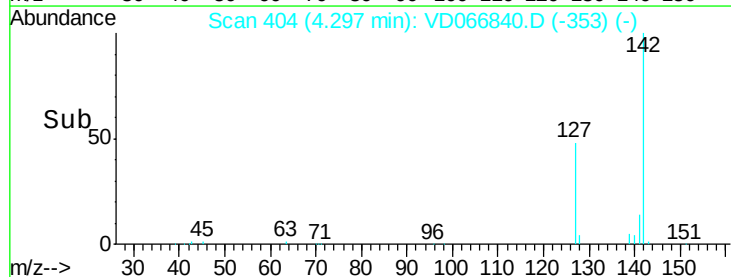
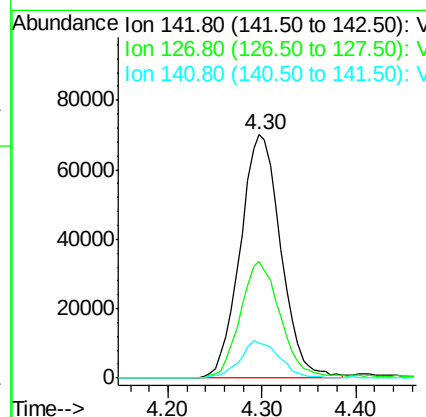
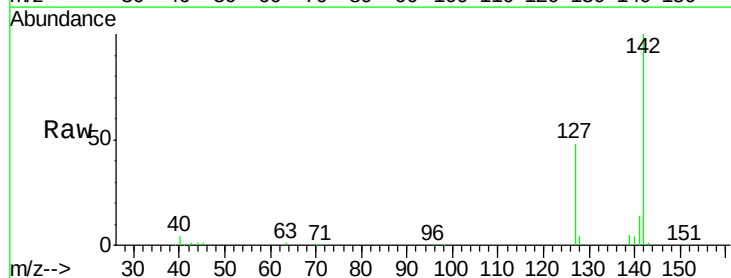
RT: 4.30 min Scan# 404

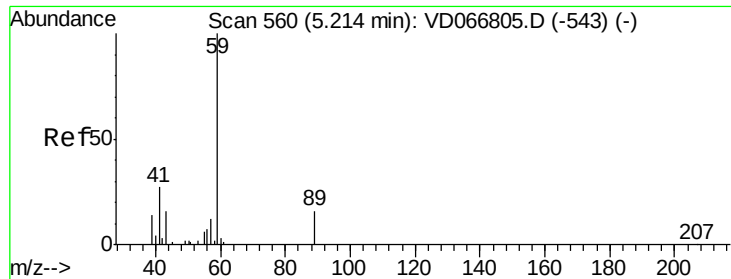
Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion:	142	Resp:	209766
Ion Ratio	Lower	Upper	
142	100		
127	47.7	39.4	59.0
141	14.9	12.1	18.1





#11

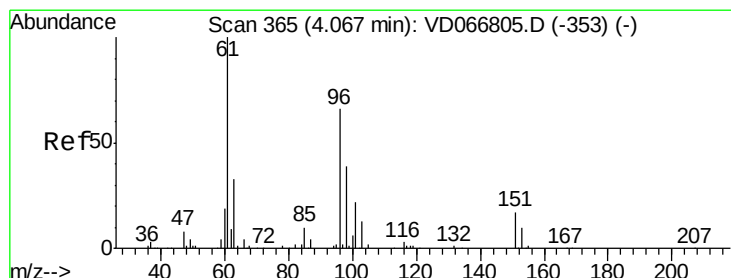
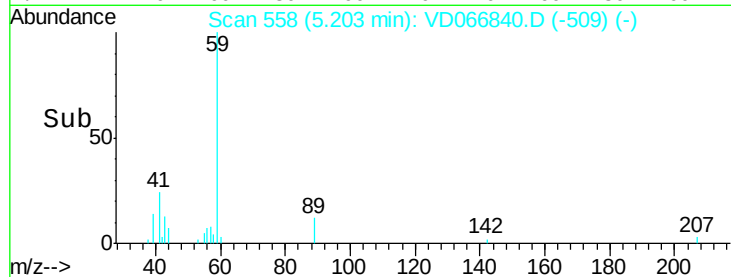
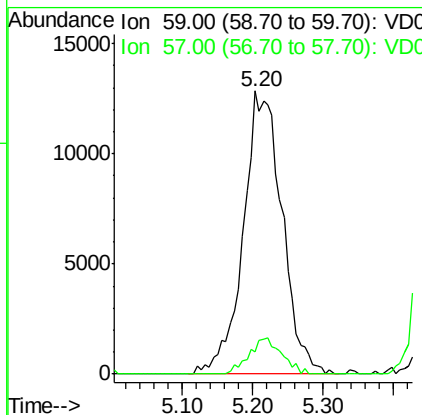
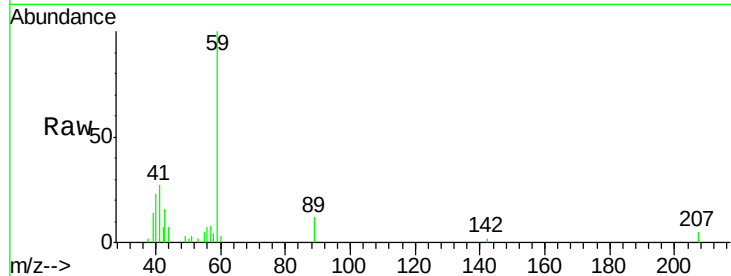
Tert butyl alcohol
 Concen: 180.148 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	49170		
57	10.8		8.3	12.5

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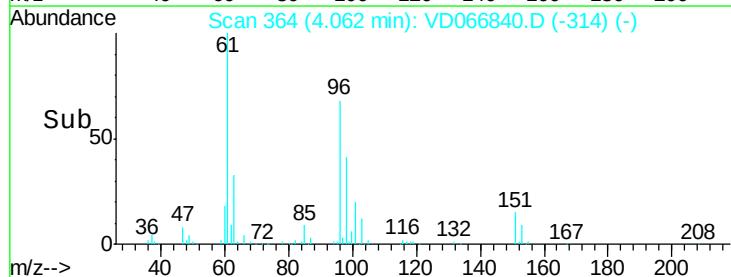
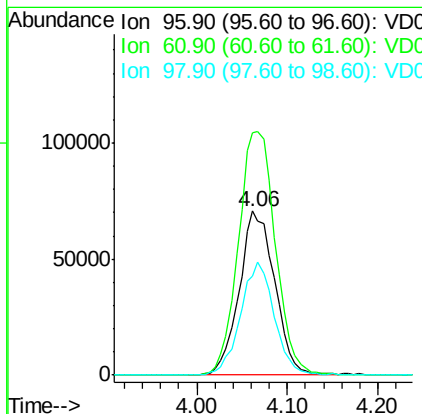
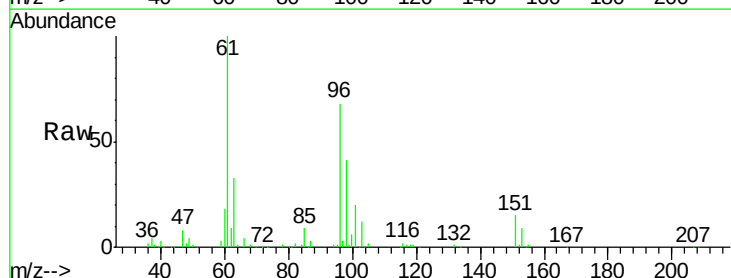
MMDadoda
 9/25/2020 3:59:58 PM

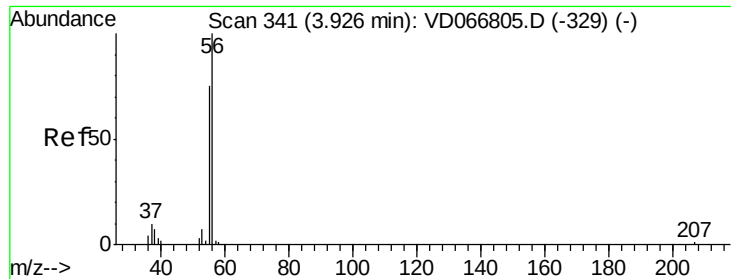


#12

1,1-Dichloroethene
 Concen: 45.869 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	193024		
61	147.9		120.8	181.2
98	60.2		47.7	71.5





#13

Acrolein

Concen: 196.582 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60997

Ion Ratio Lower Upper

56 100

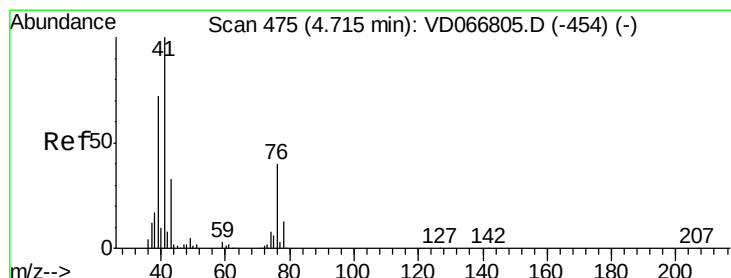
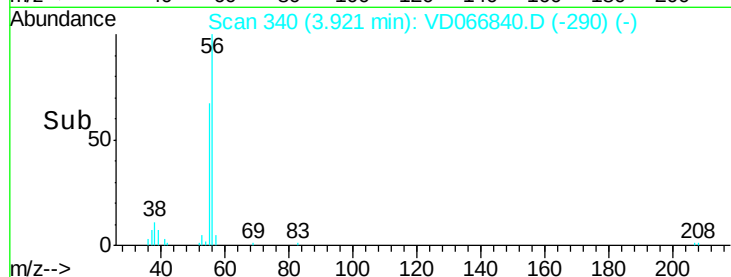
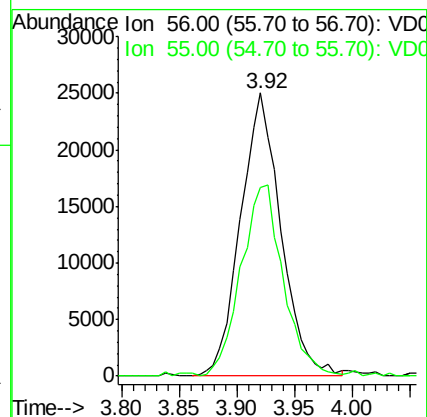
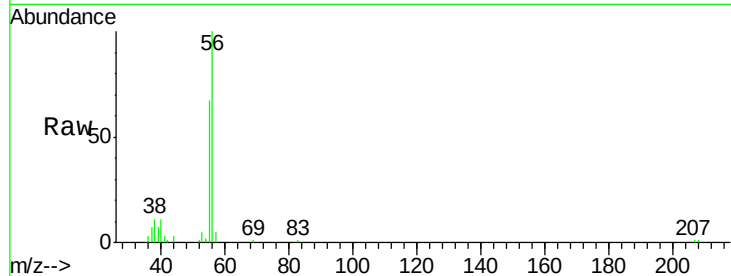
55 70.5 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 44.866 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

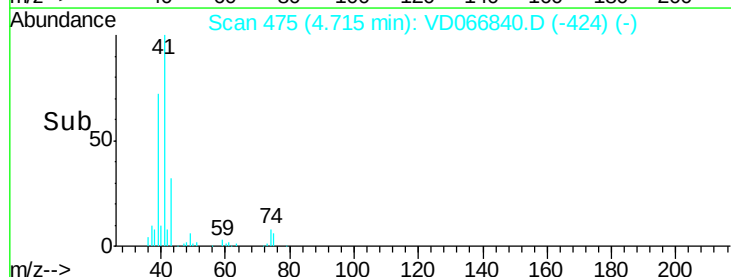
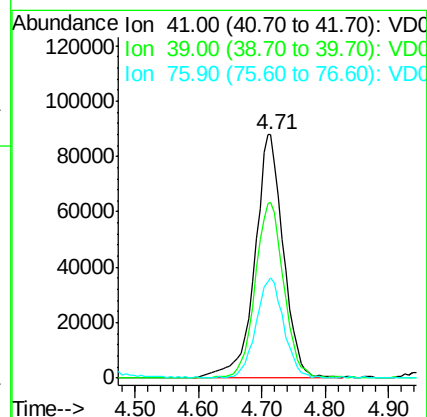
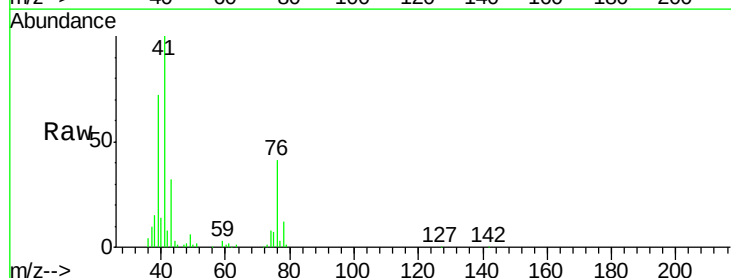
Tgt Ion: 41 Resp: 277241

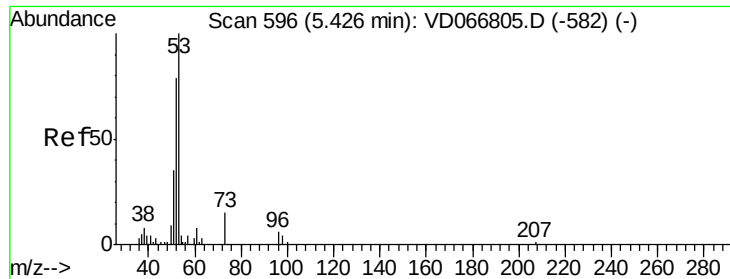
Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

76 40.0 30.9 46.3





#15

Acrylonitrile

Concen: 224.807 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

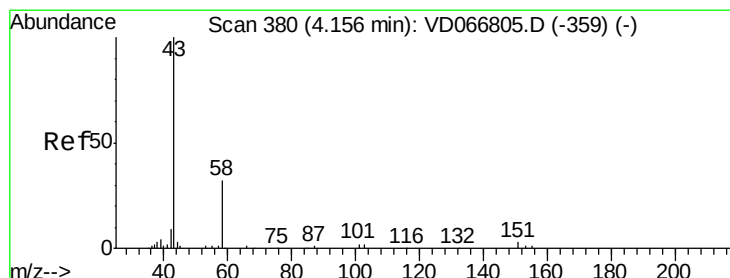
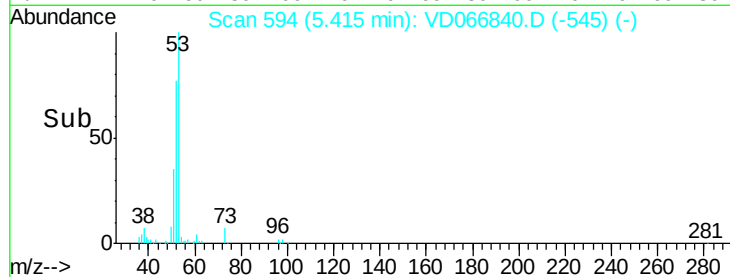
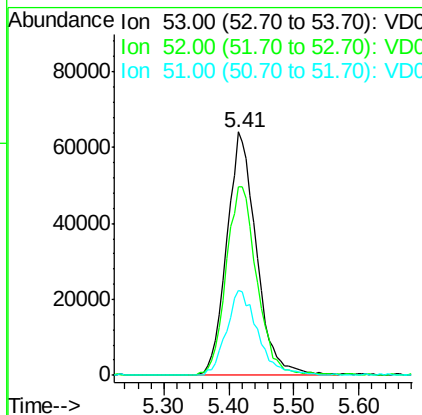
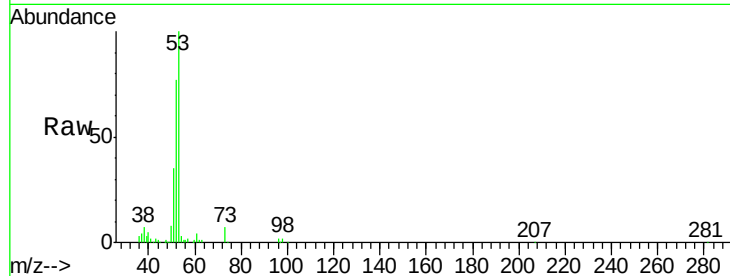
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	202621
Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.2	97.8
51	37.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 225.467 ug/l

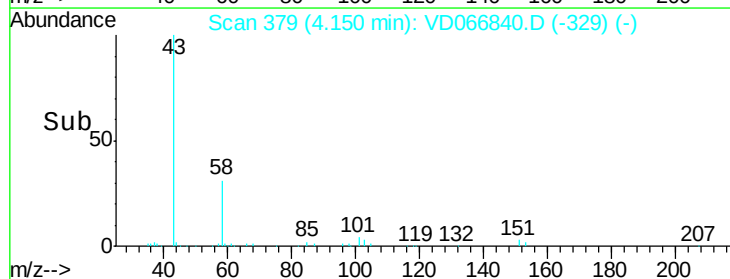
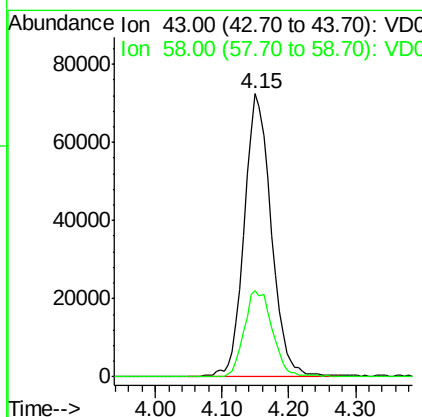
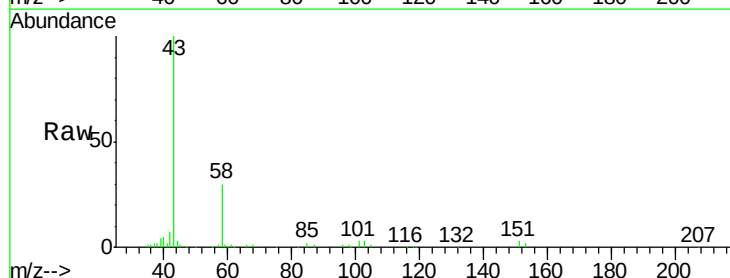
RT: 4.15 min Scan# 379

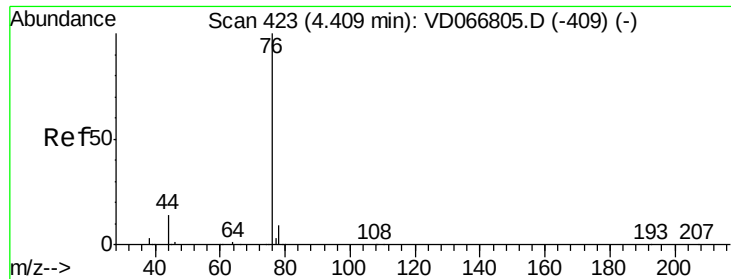
Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion:	43	Resp:	201178
Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.6	38.4





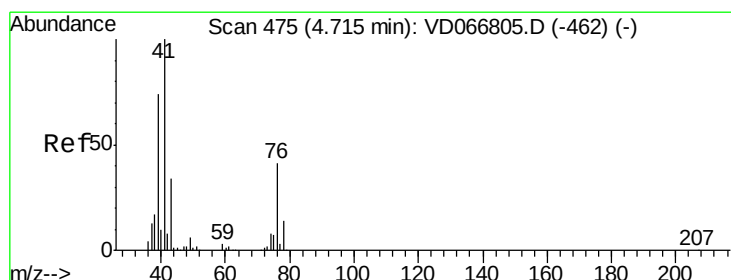
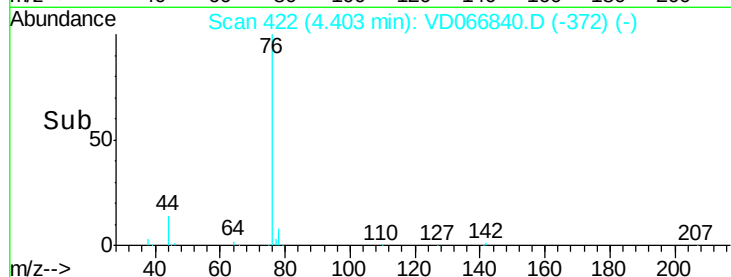
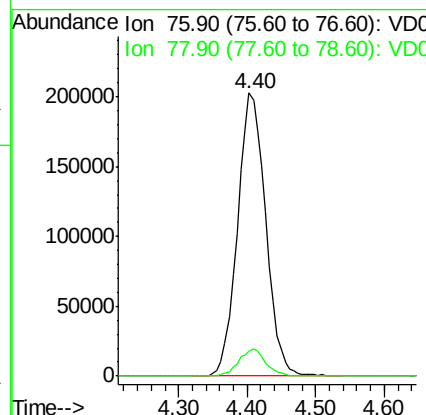
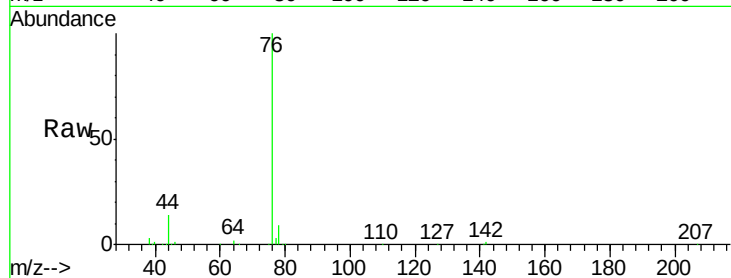
#17
Carbon Disulfide
Concen: 44.865 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4

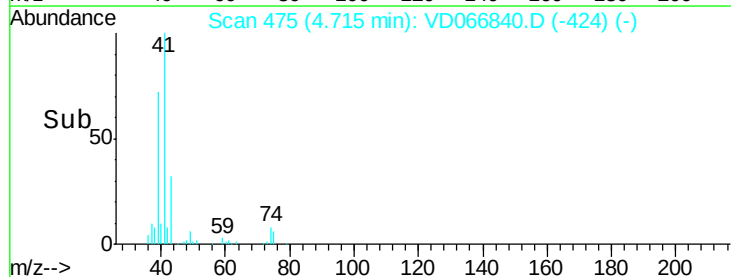
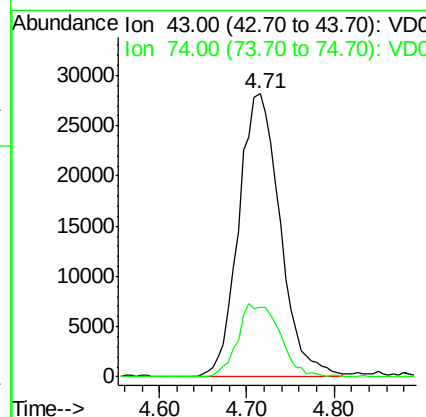
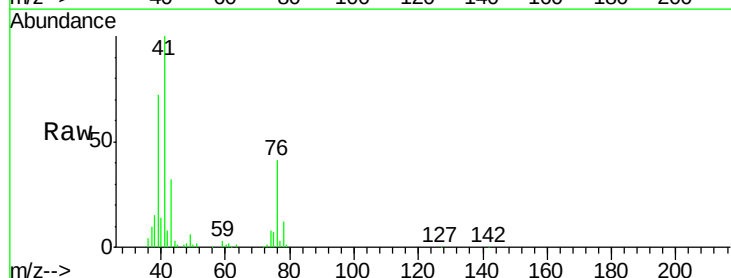
Manual Integrations
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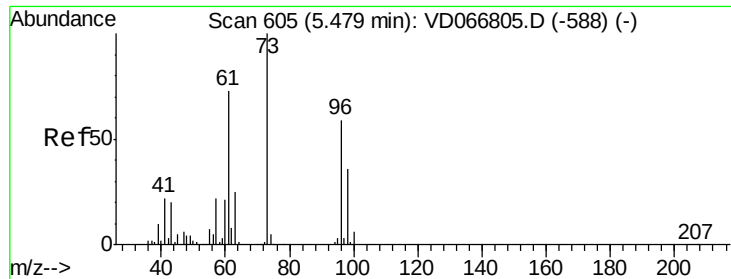
MMDadoda
9/25/2020 3:59:58 PM



#18
Methyl Acetate
Concen: 45.382 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.3	30.5





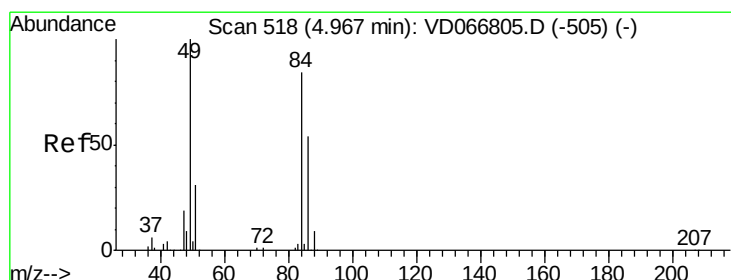
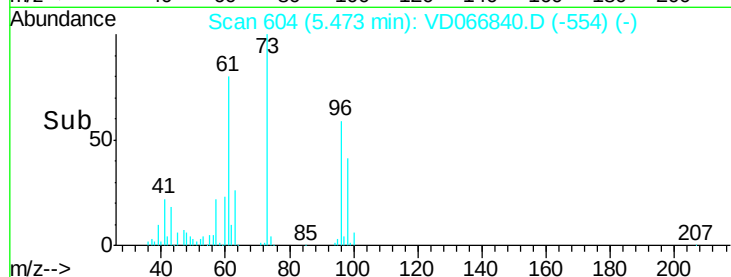
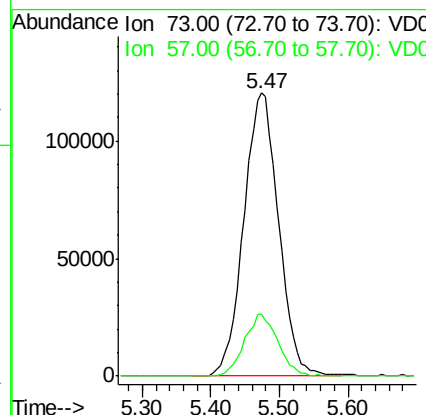
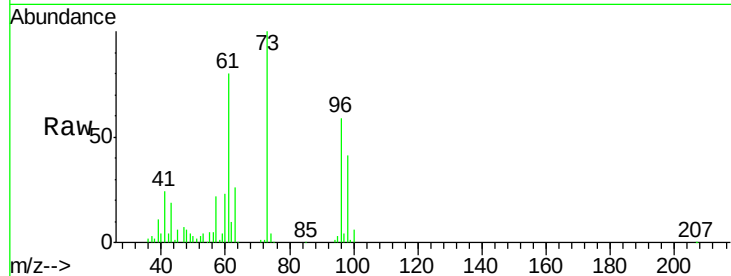
#19
Methyl tert-butyl Ether
Concen: 46.453 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 424519
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

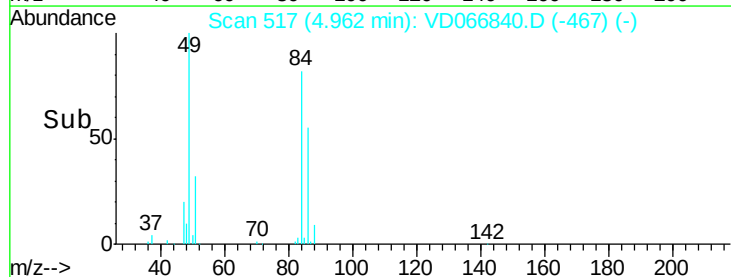
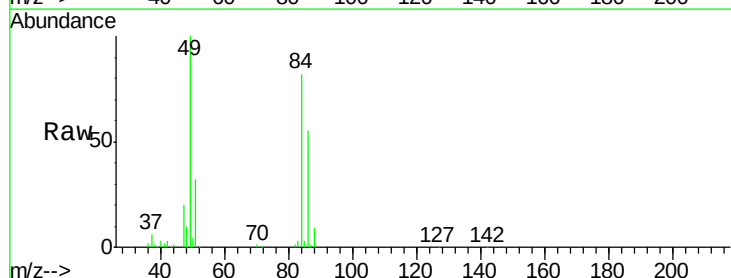
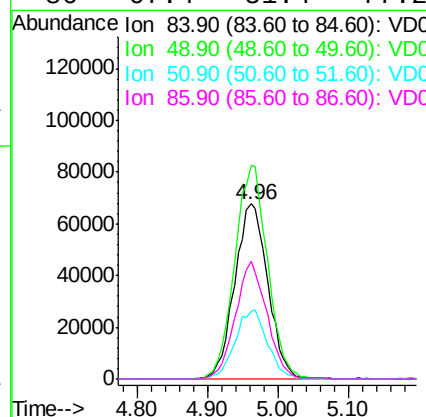
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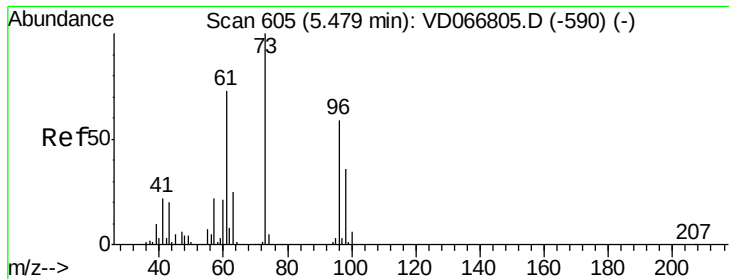
MMDadoda
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#20
Methylene Chloride
Concen: 45.234 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion: 84 Resp: 220501
Ion Ratio Lower Upper
84 100
49 122.0 95.4 143.2
51 39.1 29.7 44.5
86 67.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.922 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

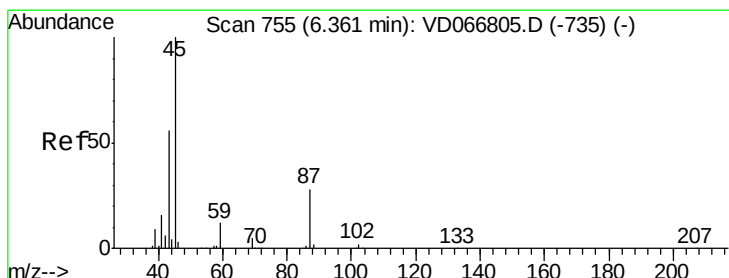
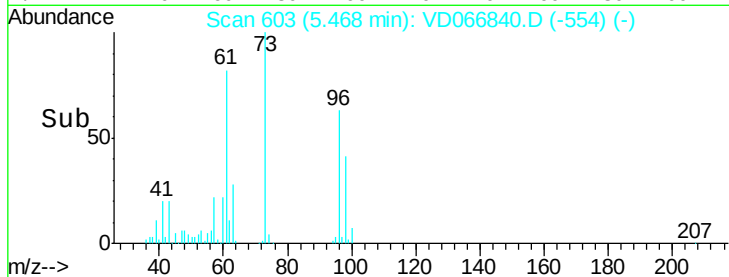
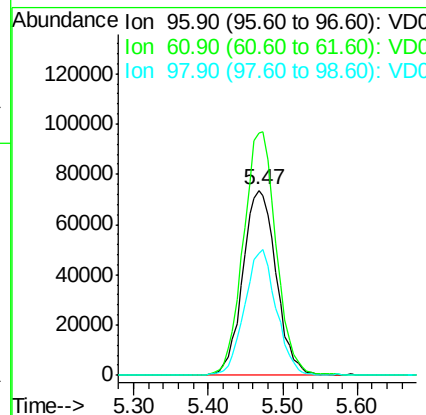
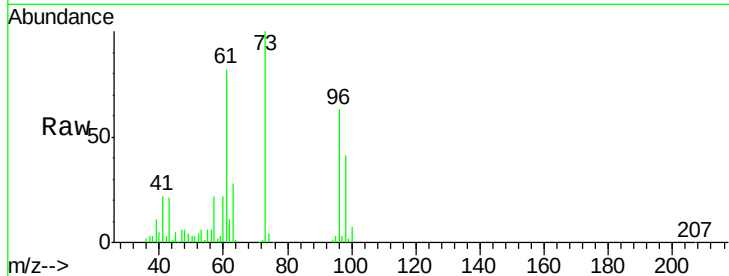
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	228631
Ion	Ratio	Lower	Upper
96	100		
61	130.8	98.9	148.3
98	65.6	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.112 ug/l

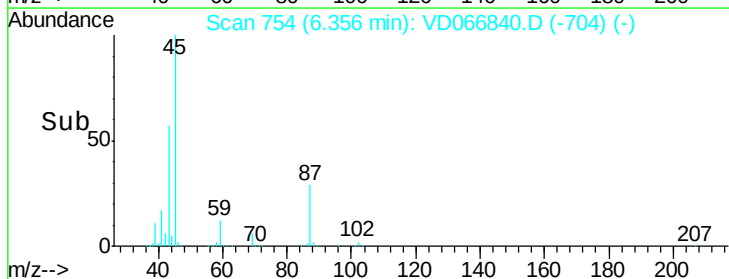
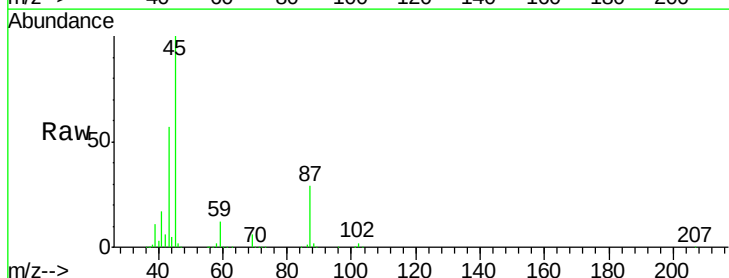
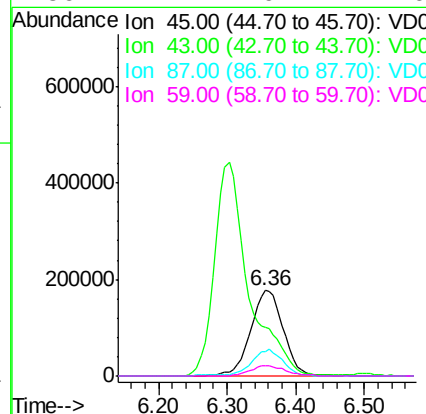
RT: 6.36 min Scan# 754

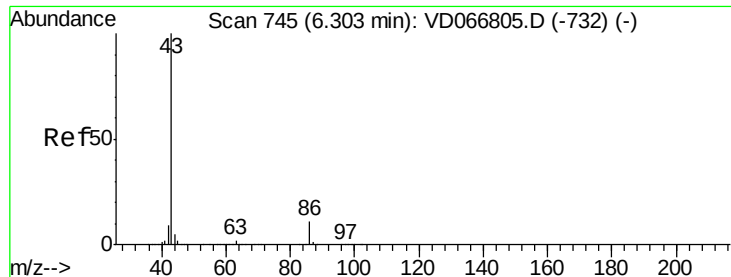
Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion:	45	Resp:	585867
Ion	Ratio	Lower	Upper
45	100		
43	56.0	44.5	66.7
87	28.5	22.9	34.3
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 222.130 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tot Ion: 43 Resp: 1530186

Ion Ratio Lower Upper

43 100

86 12.0 8.9 13.3

Instrument :

MSVOA_D

ClientSampleId :

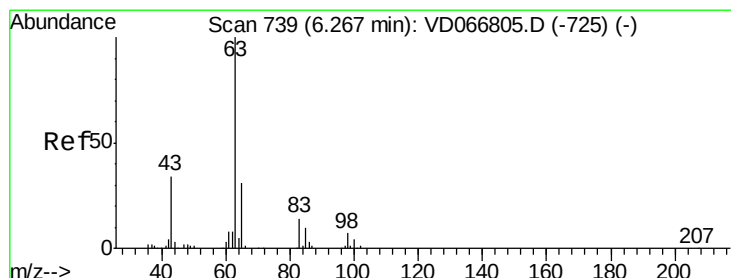
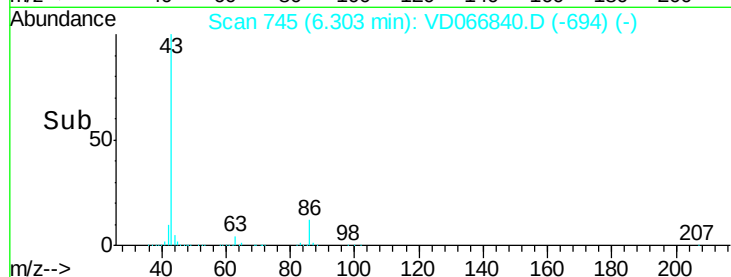
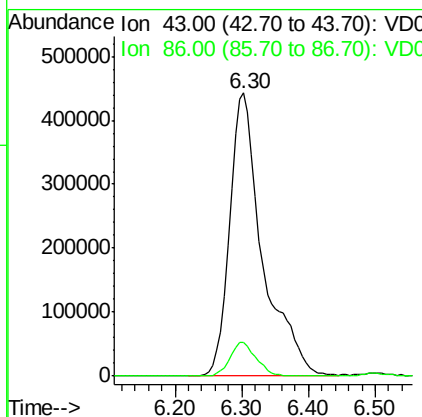
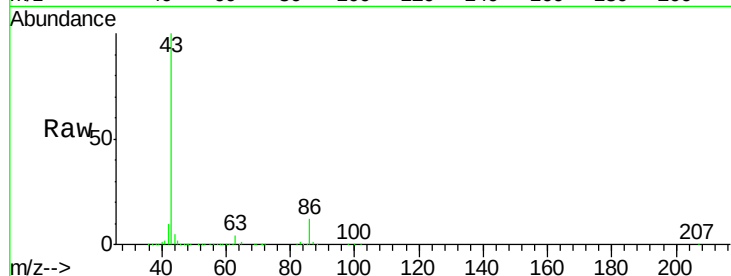
VSTDCCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.780 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

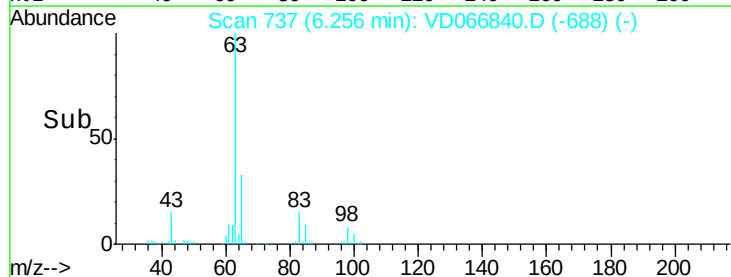
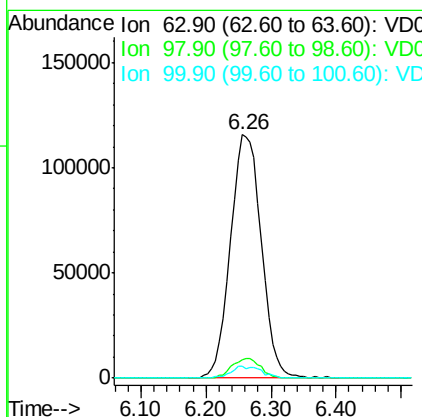
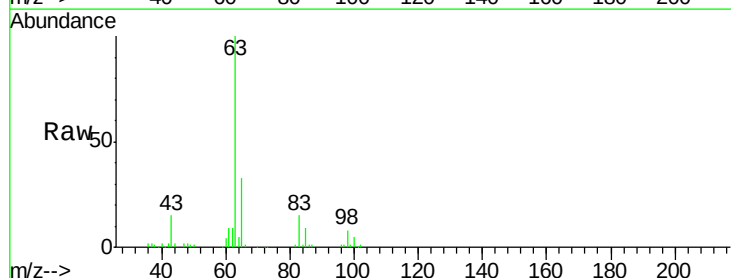
Tgt Ion: 63 Resp: 380612

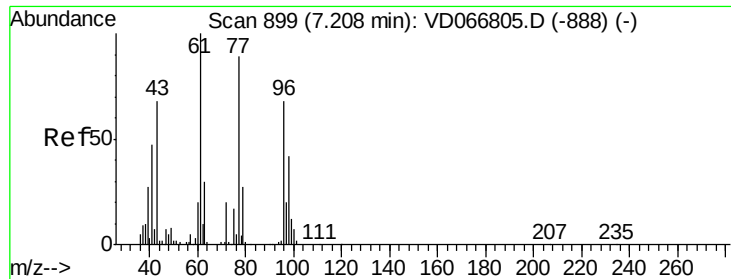
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 4.8 1.8 5.5





#25

2-Butanone

Concen: 210.395 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 225600

Ion Ratio Lower Upper

43 100

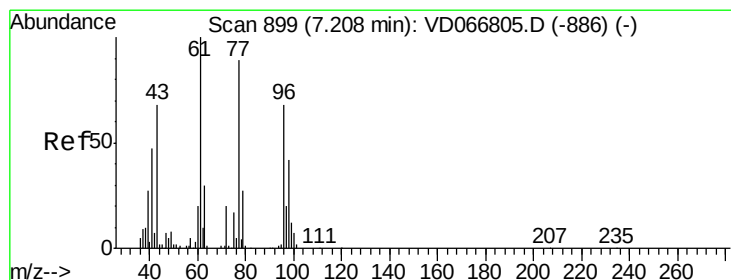
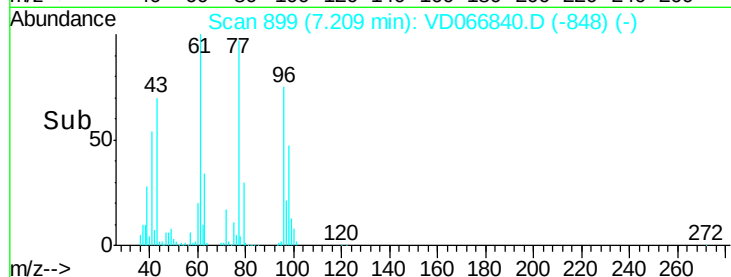
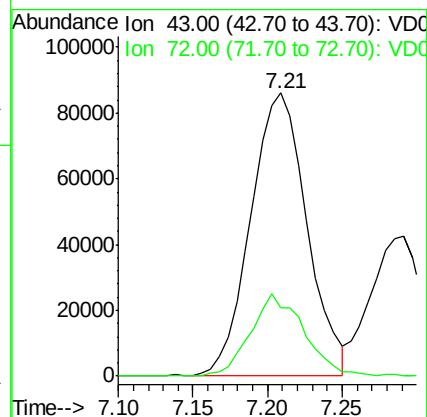
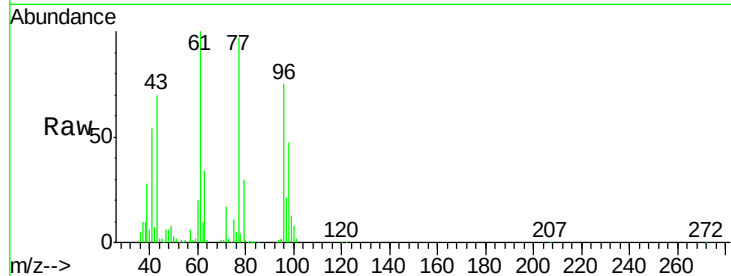
72 24.3 22.9 34.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.143 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066840.D

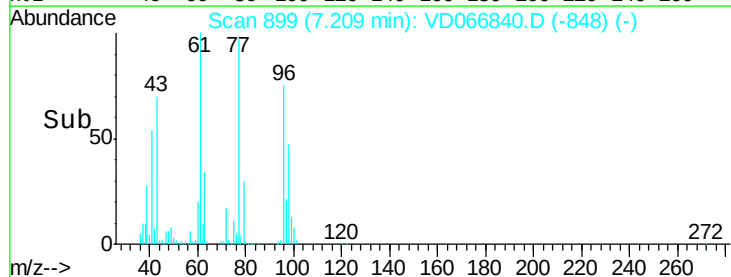
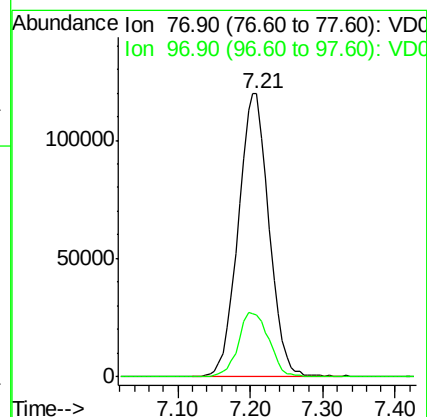
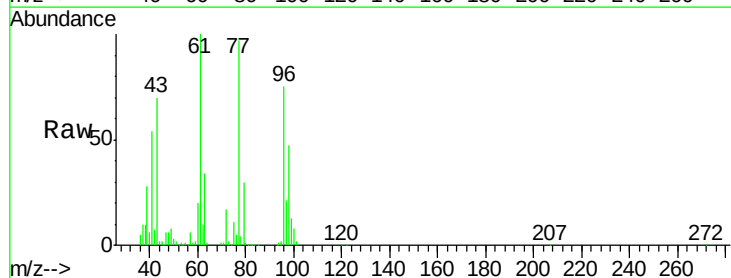
Acq: 24 Sep 2020 10:04

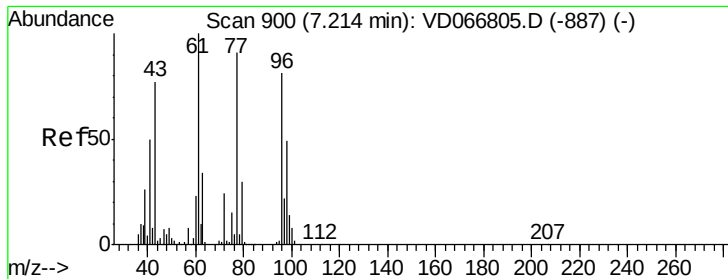
Tgt Ion: 77 Resp: 351677

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1





#27

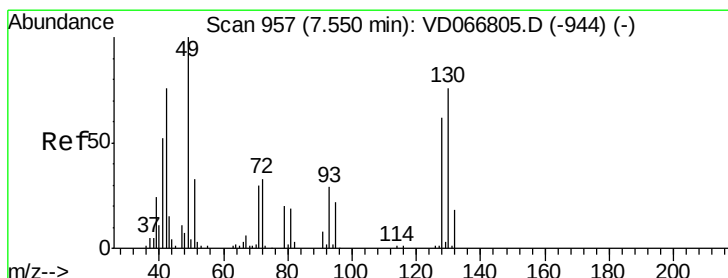
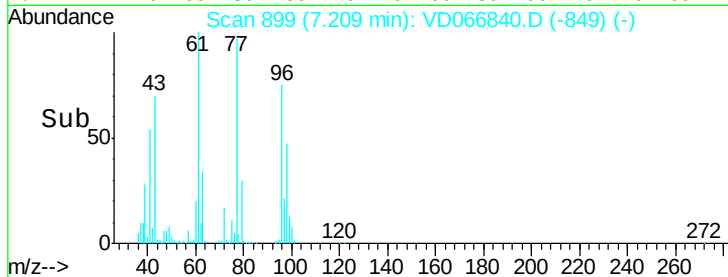
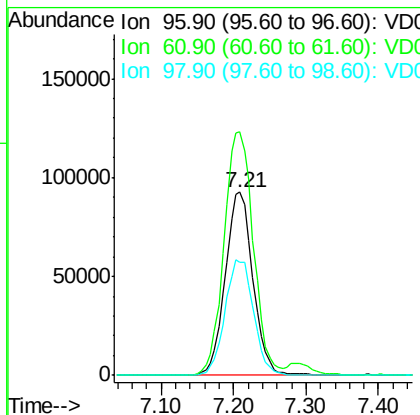
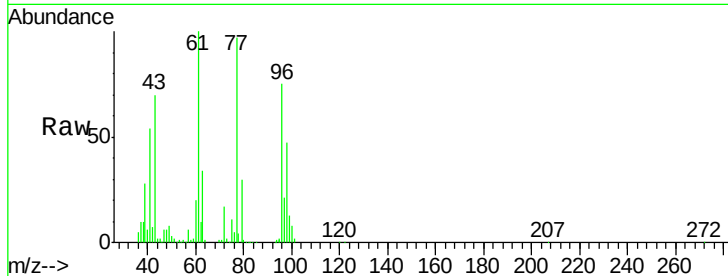
cis-1,2-Dichloroethene
Concen: 46.463 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		245981		
61	140.1	0.0	283.8		
98	65.0	0.0	128.4		

Manual Integrations
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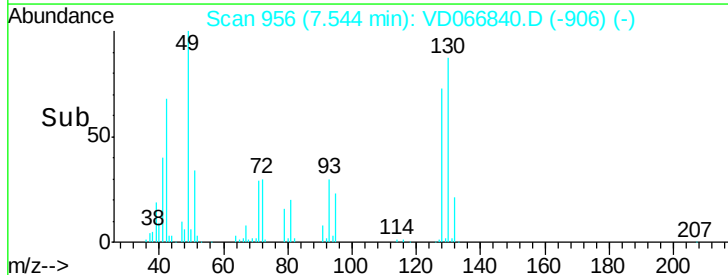
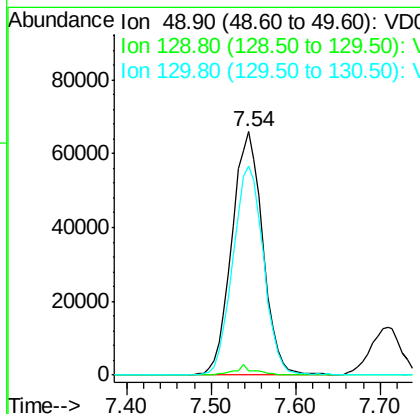
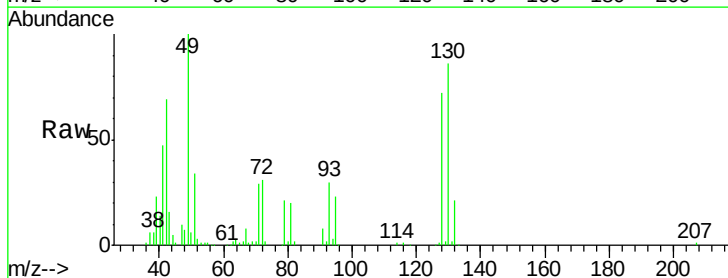
MMDadoda
9/25/2020 3:59:58 PM

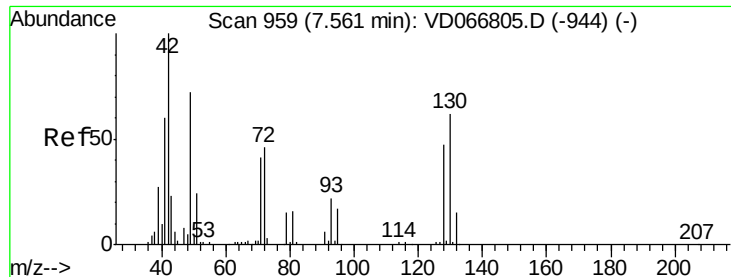


#28

Bromochloromethane
Concen: 47.405 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		166457		
129	2.5	0.0	2.0#		
130	85.0	65.9	98.9		





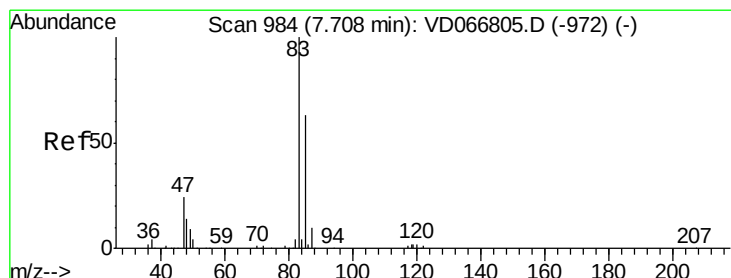
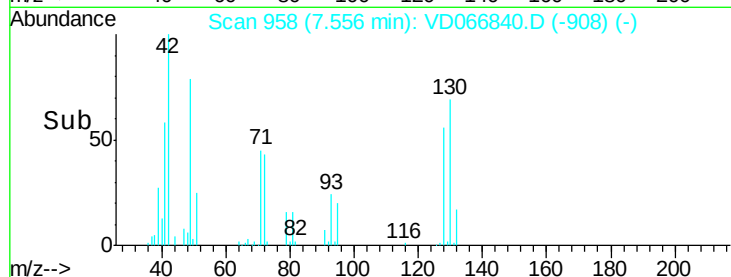
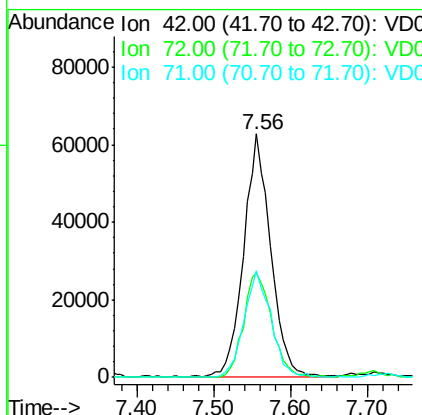
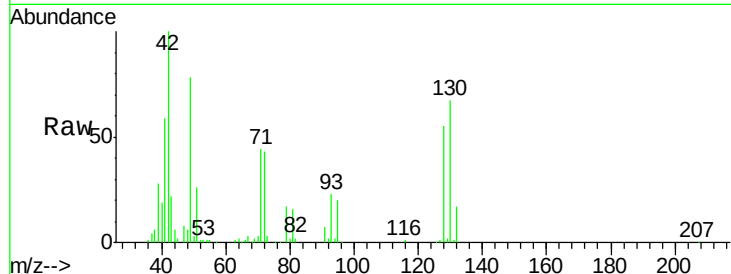
#29
Tetrahydrofuran
Concen: 226.575 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.2	54.4
71	43.5	32.4	48.6

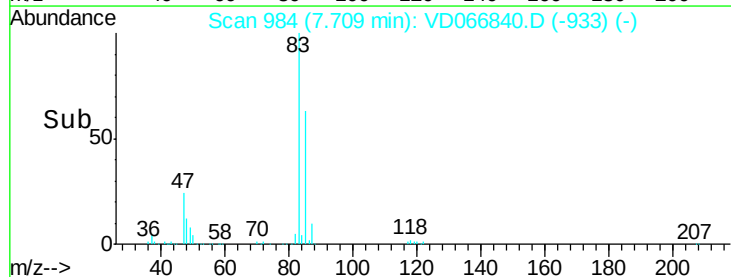
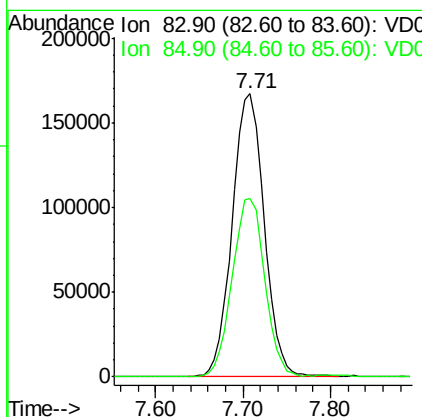
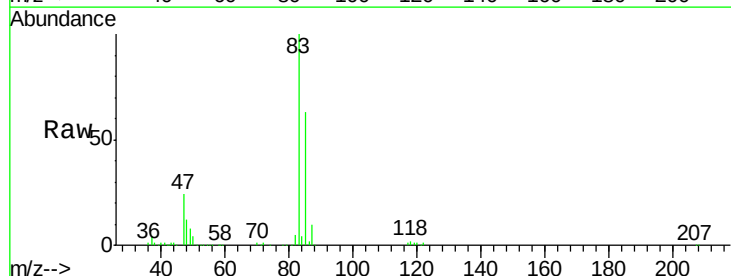
Manual Integrations
APPROVED

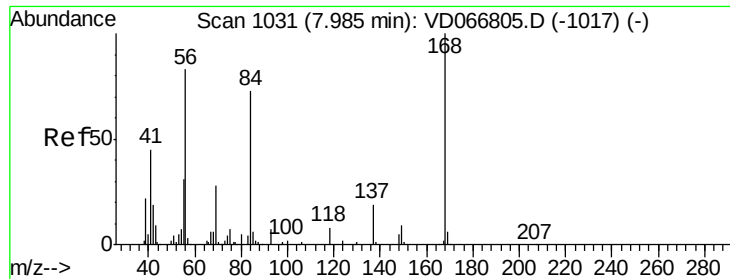
MMDadoda
9/25/2020 3:59:58 PM



#30
Chloroform
Concen: 45.289 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8





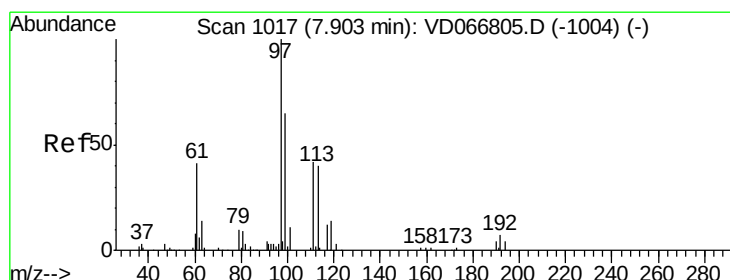
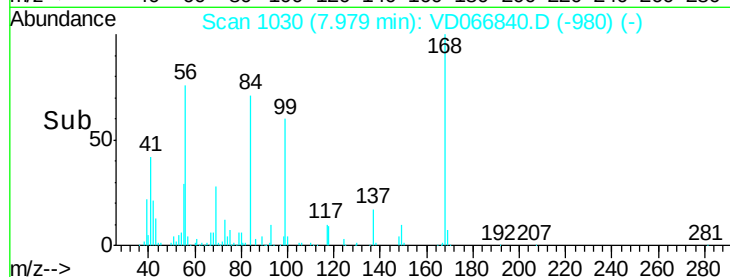
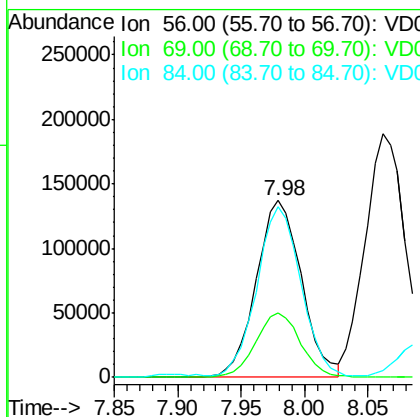
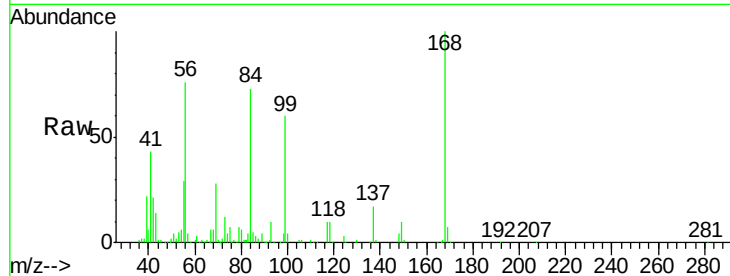
#31
Cyclohexane
Concen: 44.747 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	36.3	27.0	40.4	
84	95.2	70.2	105.4	

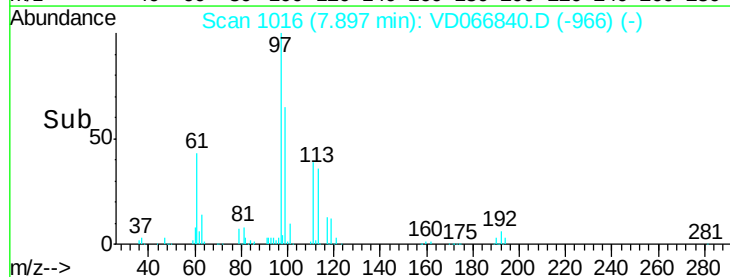
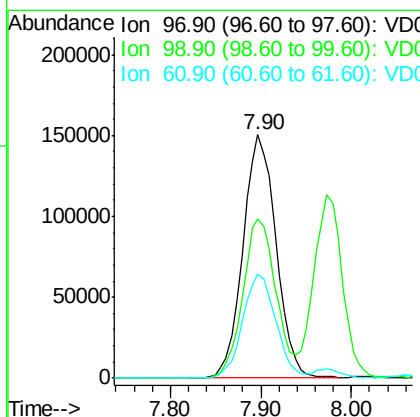
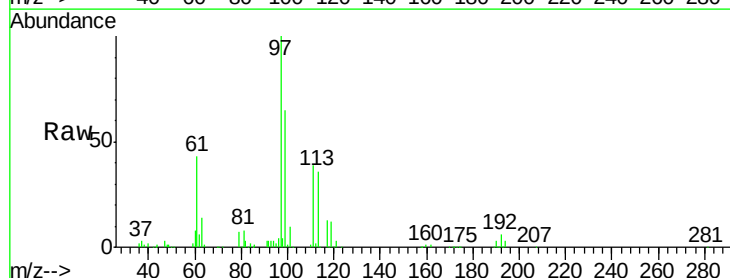
Manual Integrations
APPROVED

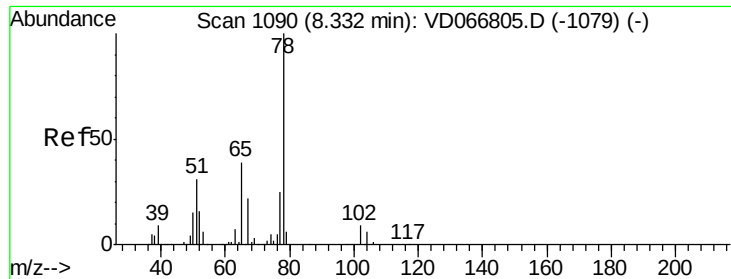
MMDadoda
9/25/2020 3:59:58 PM



#32
1,1,1-Trichloroethane
Concen: 45.937 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.5	51.5	77.3	
61	42.8	34.2	51.4	





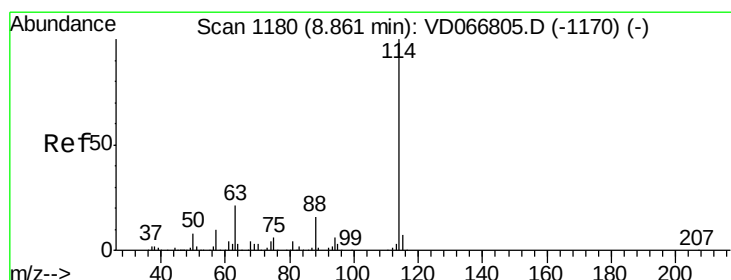
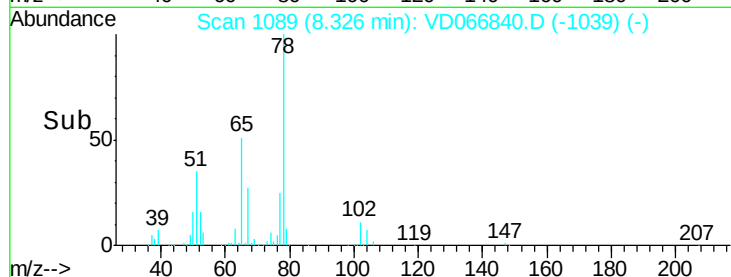
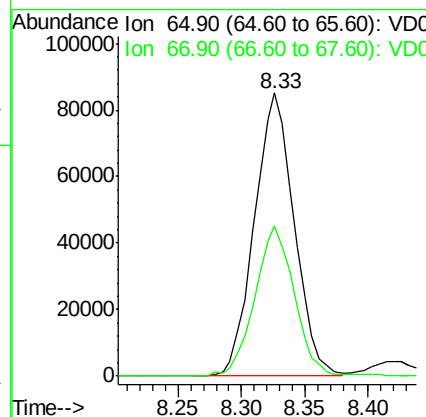
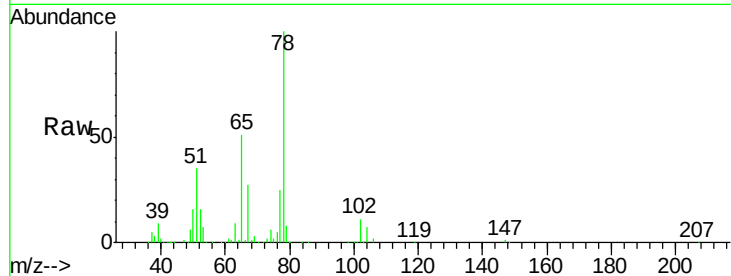
#33
 1,2-Dichloroethane-d4
 Concen: 44.166 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185769		
67	52.7	0.0	107.2	

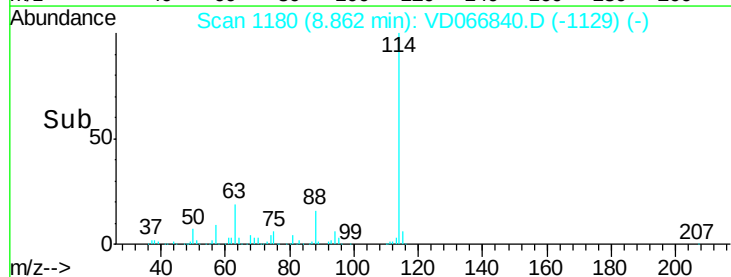
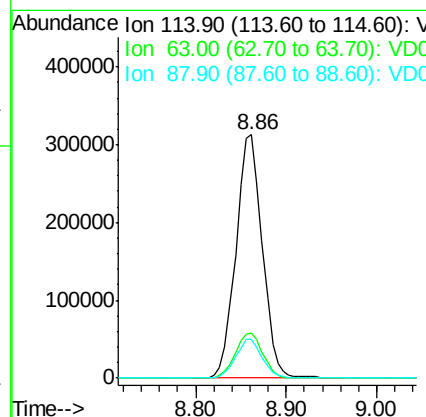
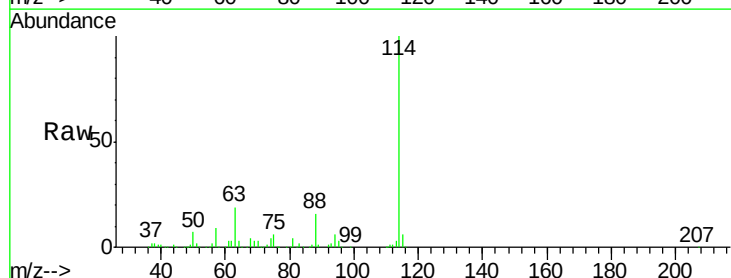
Manual Integrations
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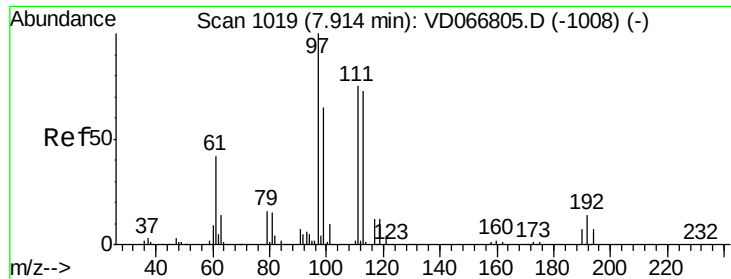
MMDadoda
 9/25/2020 3:59:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	634794		
63	18.7	0.0	42.6	
88	15.8	0.0	32.6	





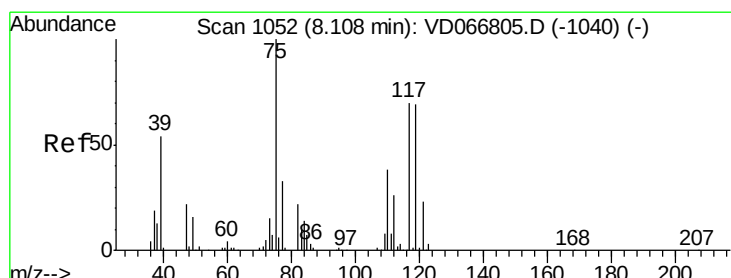
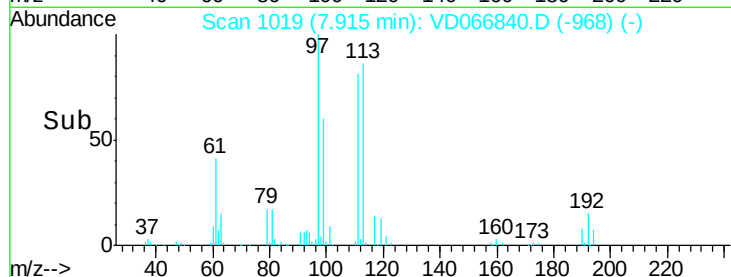
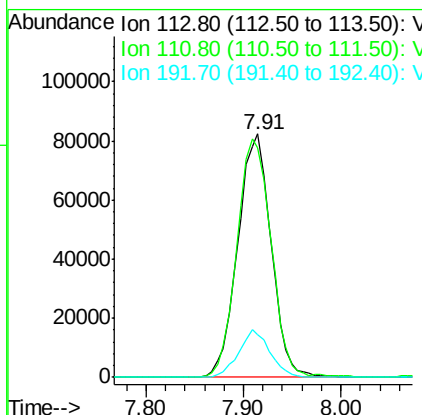
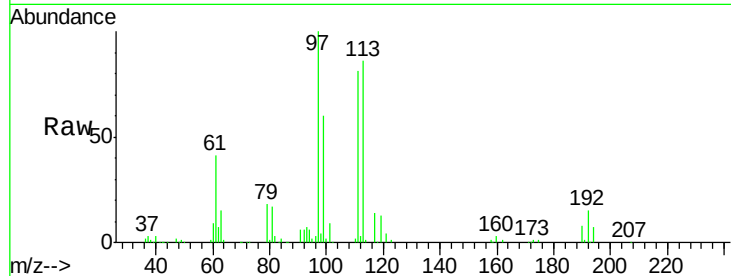
#35
 Dibromofluoromethane
 Concen: 48.501 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.8
192	18.4	14.4	21.6

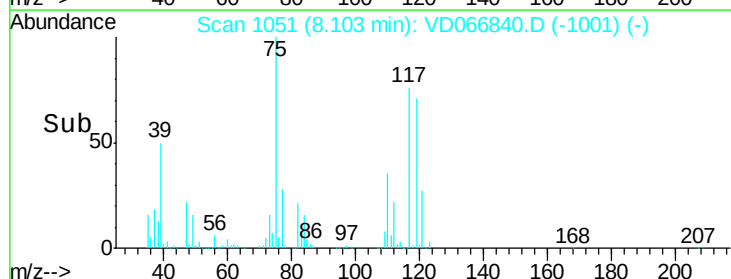
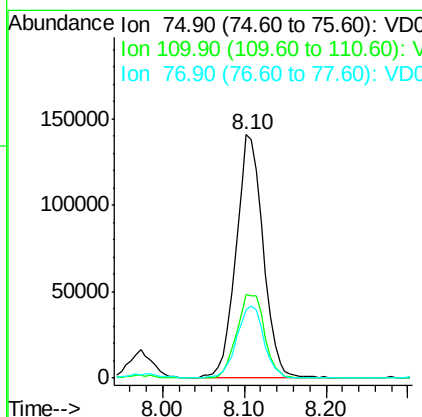
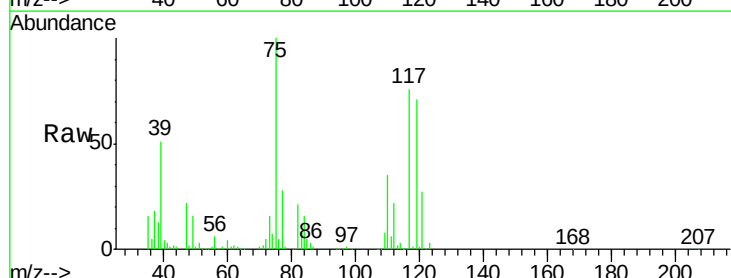
Manual Integrations
 APPROVED

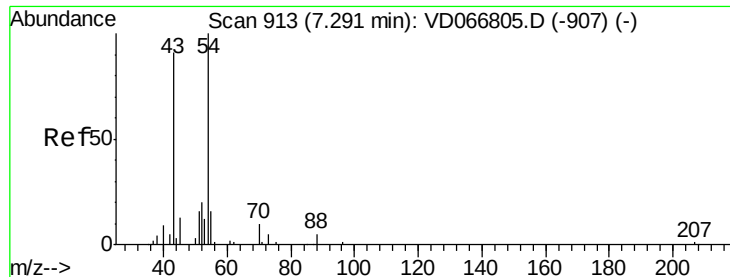
MMDadoda
 9/25/2020 3:59:58 PM



#36
 1,1-Dichloropropene
 Concen: 51.294 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.9	53.8
77	30.1	25.0	37.6





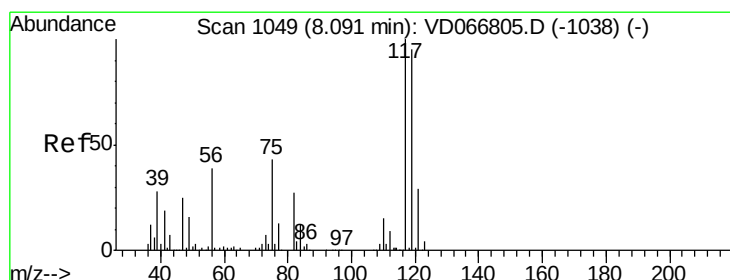
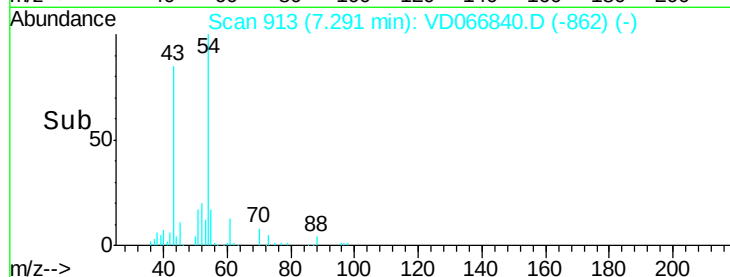
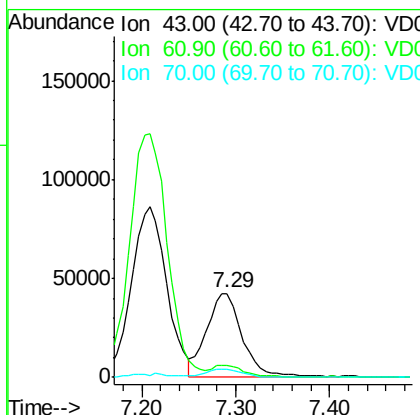
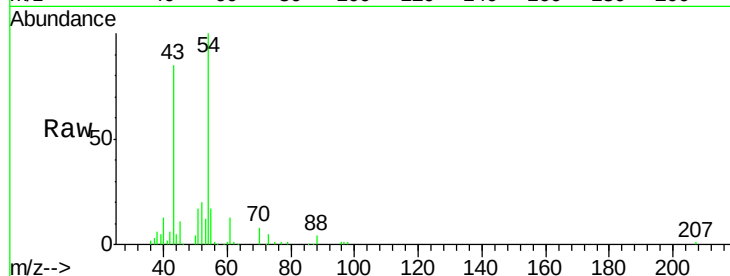
#37
Ethyl Acetate
Concen: 49.255 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.8	14.8
70	10.2	8.5	12.7

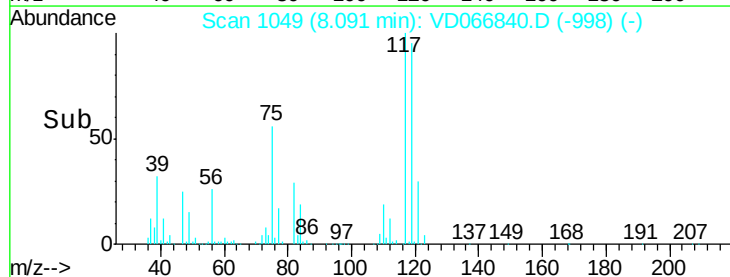
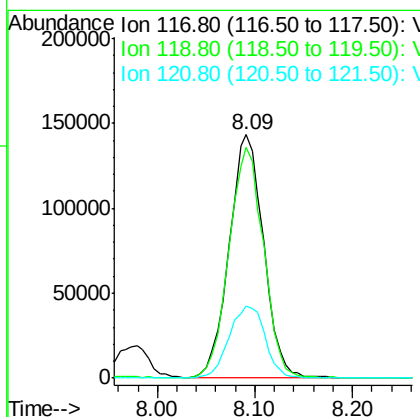
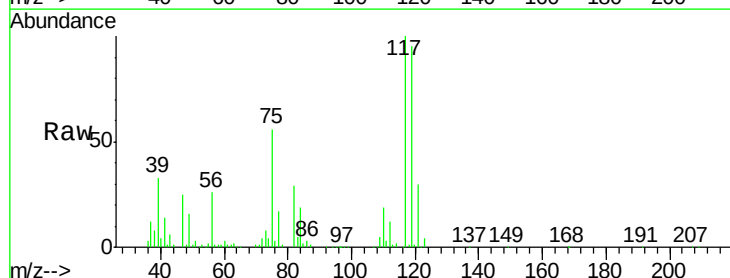
Manual Integrations
APPROVED

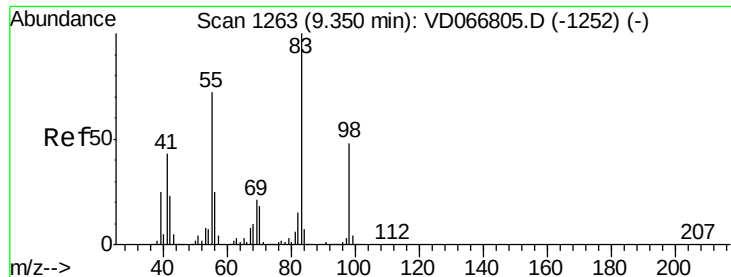
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#38
Carbon Tetrachloride
Concen: 50.664 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
121	29.8	23.4	35.0





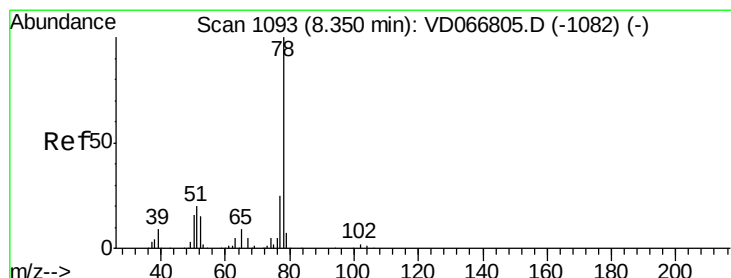
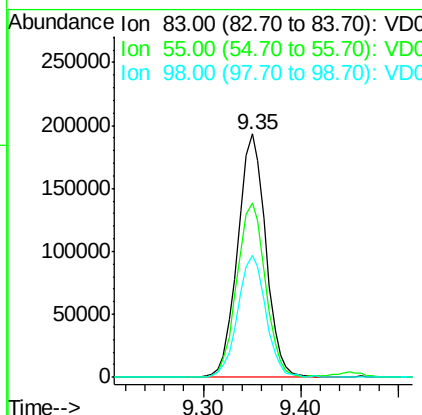
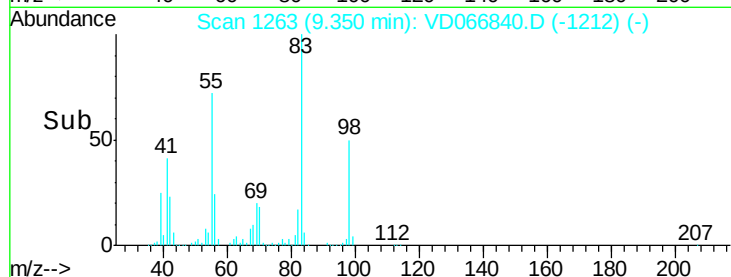
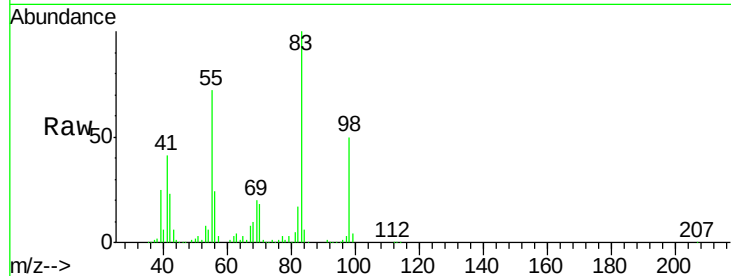
#39
Methylvlcyclohexane
Concen: 53.555 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.7	86.5
98	50.1	38.4	57.6

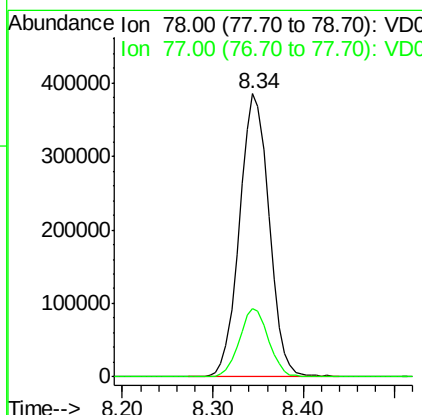
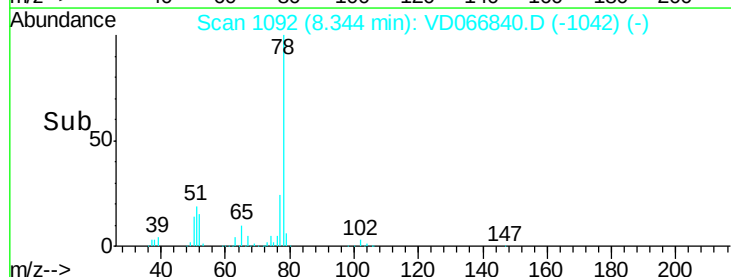
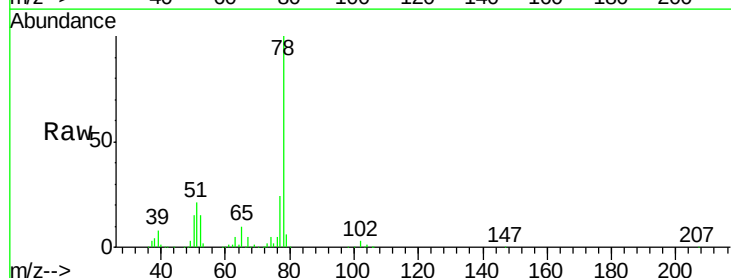
Manual Integrations
APPROVED

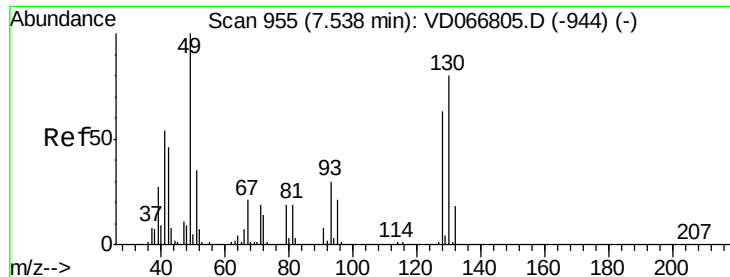
MMDadoda
9/25/2020 3:59:58 PM



#40
Benzene
Concen: 49.770 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.9	29.9





#41

Methacrylonitrile

Concen: 47.038 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 65857

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

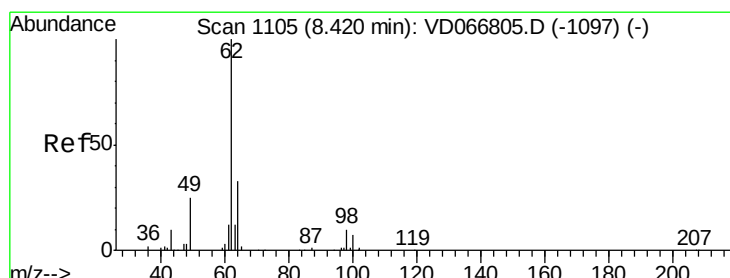
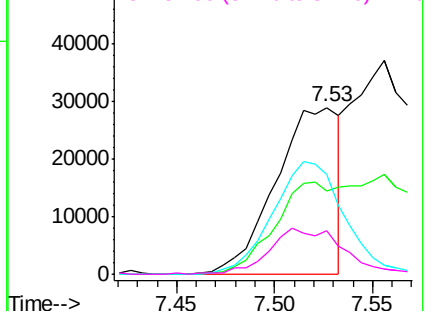
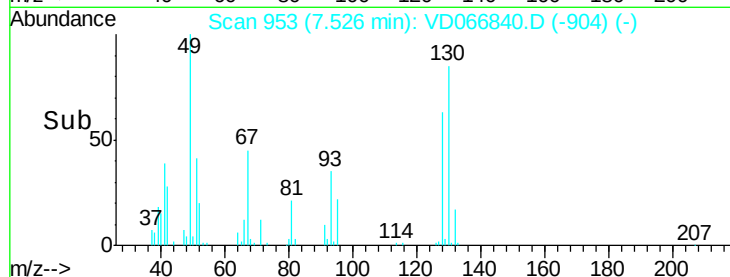
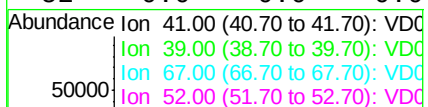
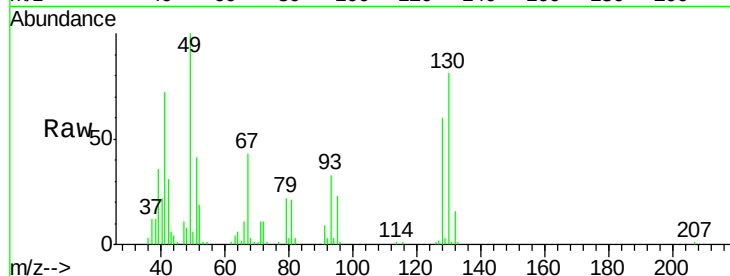
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 47.919 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066840.D

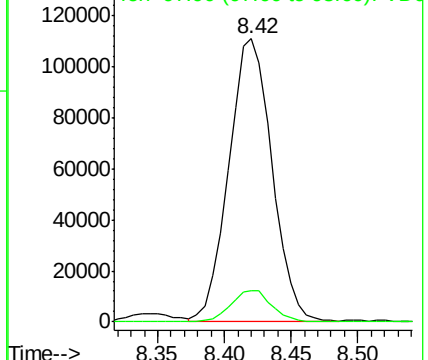
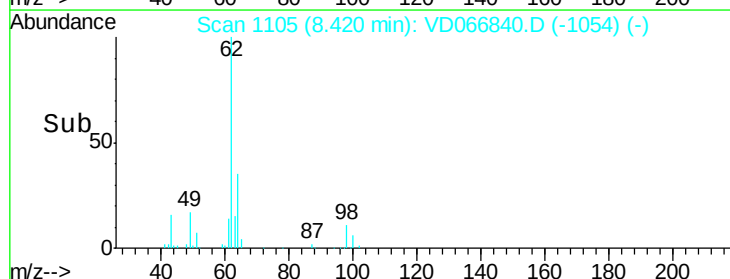
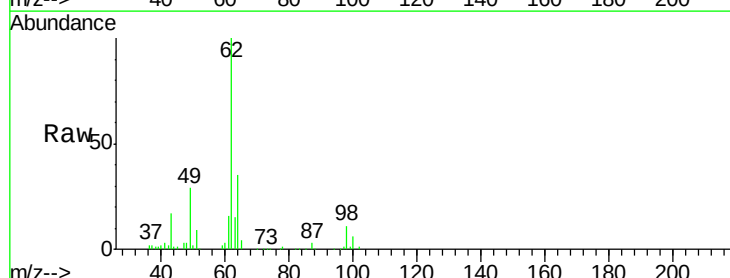
Acq: 24 Sep 2020 10:04

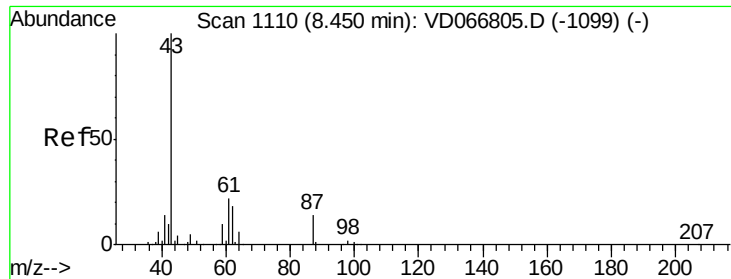
Tgt Ion: 62 Resp: 248634

Ion Ratio Lower Upper

62 100

98 10.5 0.0 19.8





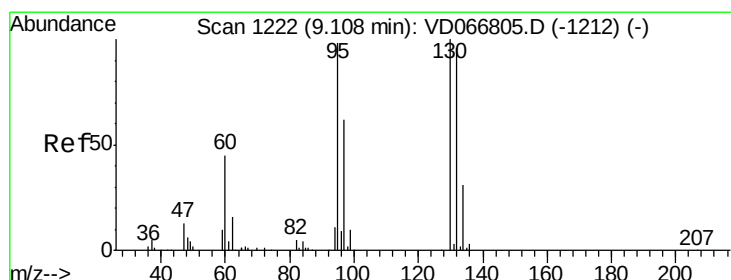
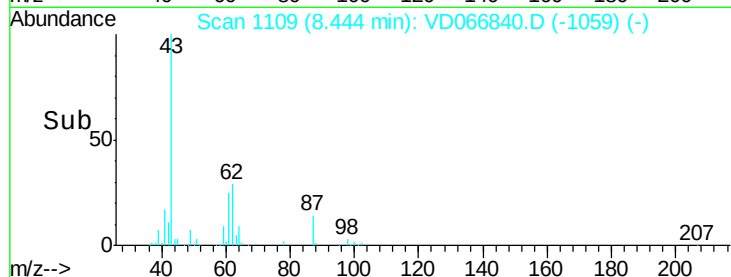
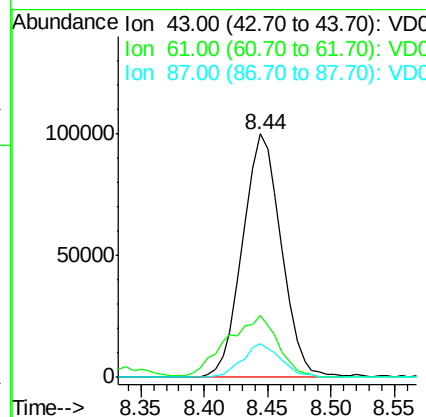
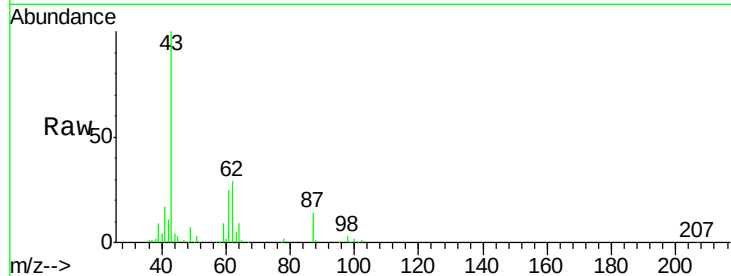
#43
Isopropyl Acetate
Concen: 48.419 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	212523		
61	33.9		26.2	39.4
87	13.7		11.5	17.3

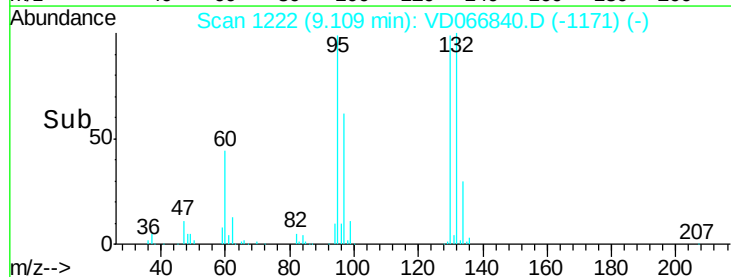
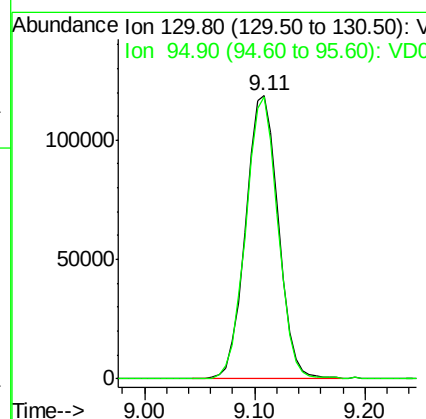
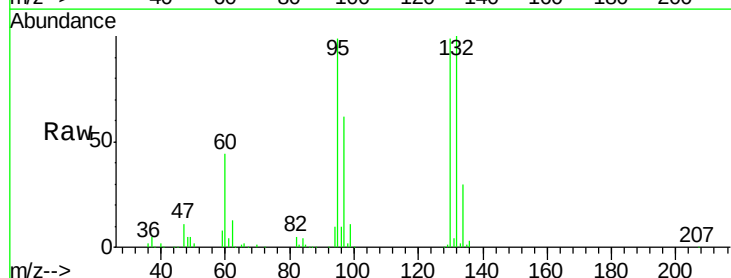
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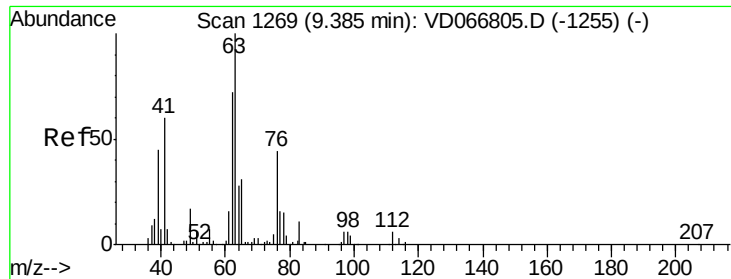
MMDadoda
9/25/2020 3:59:58 PM



#44
Trichloroethene
Concen: 49.404 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	247157		
95	99.8		0.0	197.0





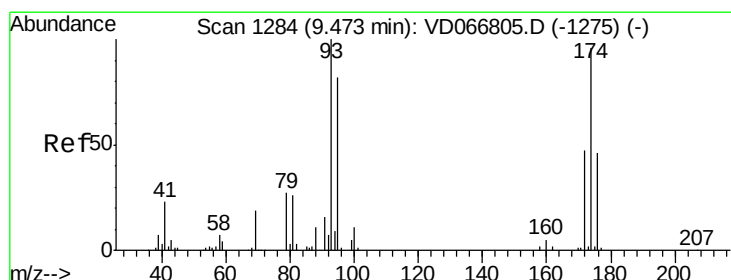
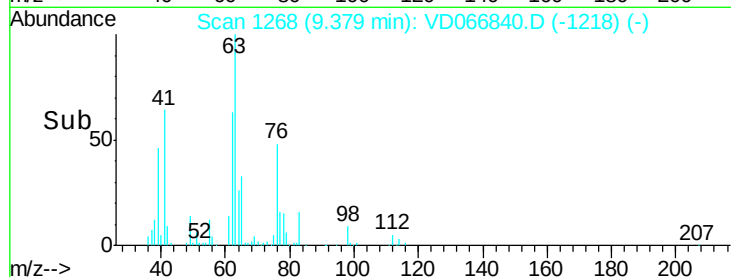
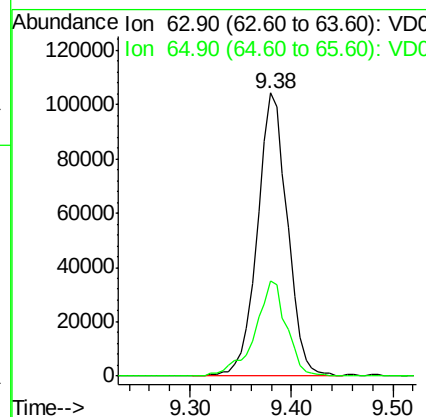
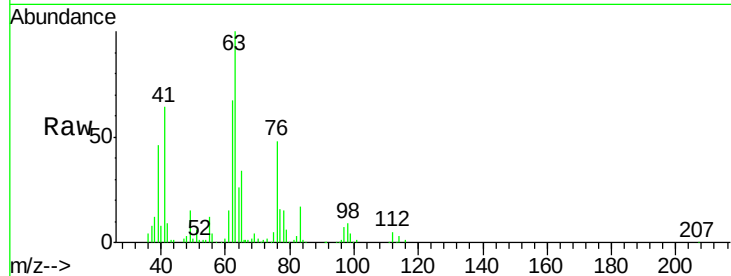
#45
 1,2-Dichloropropane
 Concen: 48.400 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 213734
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.7 37.1

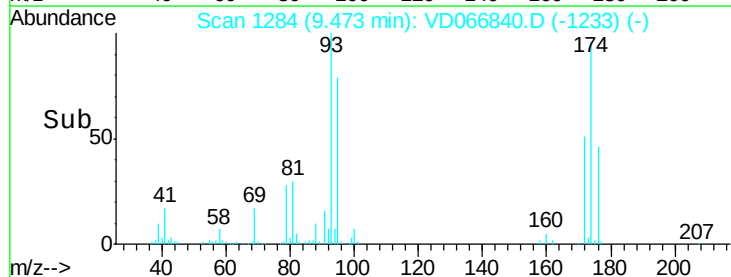
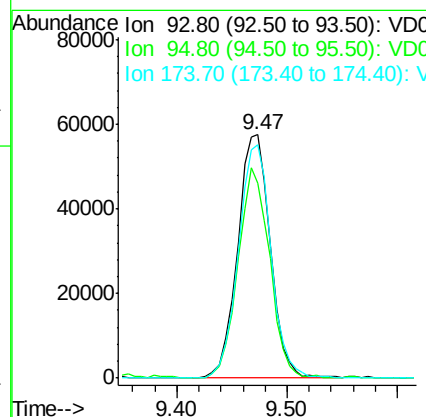
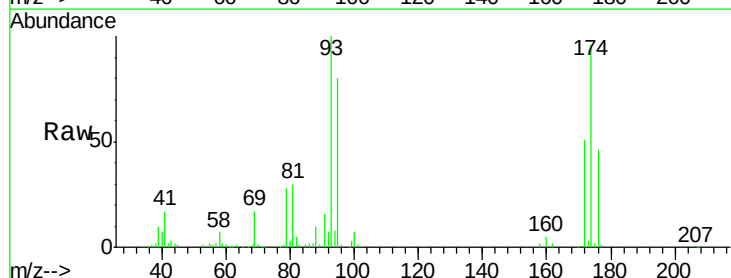
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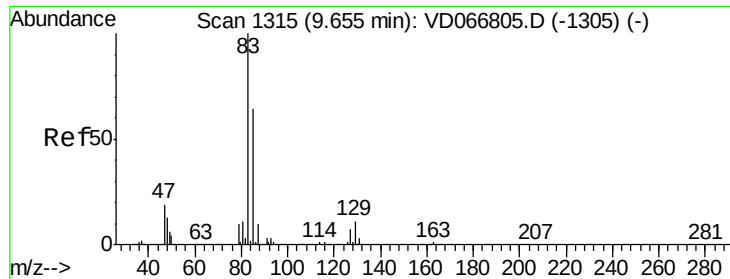
MMDadoda
 9/25/2020 3:59:58 PM



#46
 Dibromomethane
 Concen: 49.798 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion: 93 Resp: 119480
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.3 97.9
 174 96.2 75.4 113.2





#47

Bromodichloromethane

Concen: 49.630 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

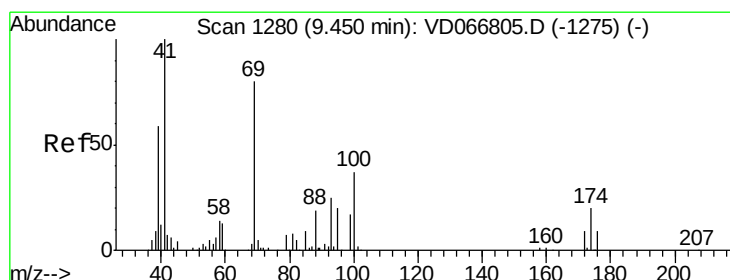
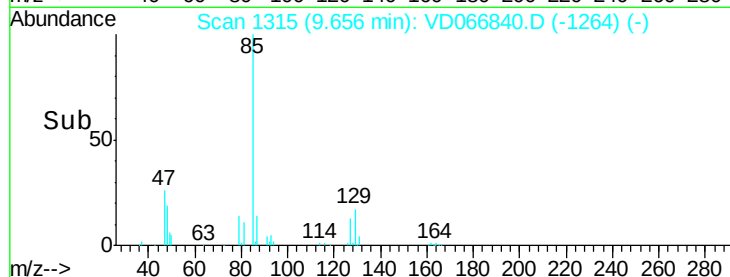
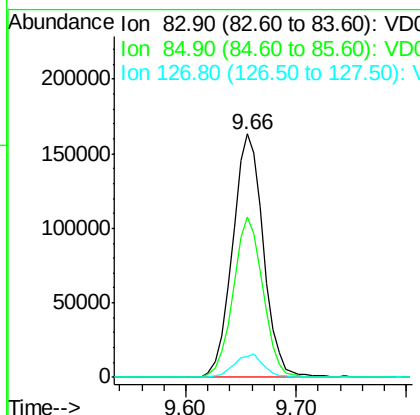
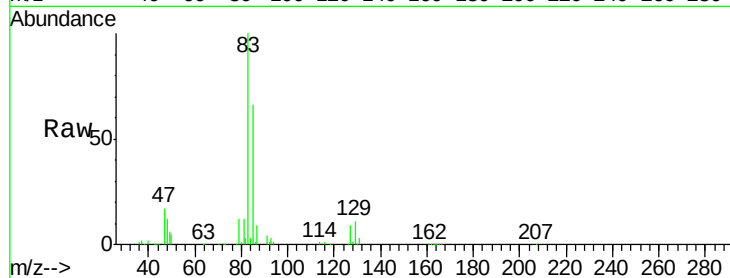
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	319879
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.9	76.3
127	8.6	5.9	8.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.078 ug/l

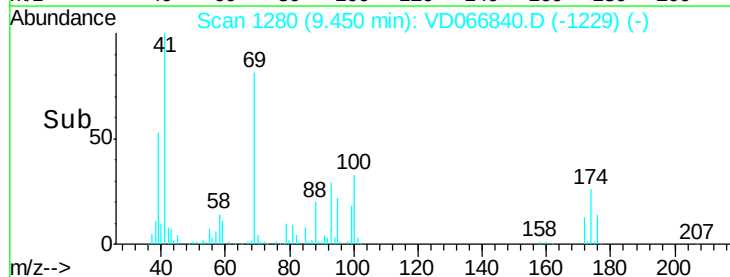
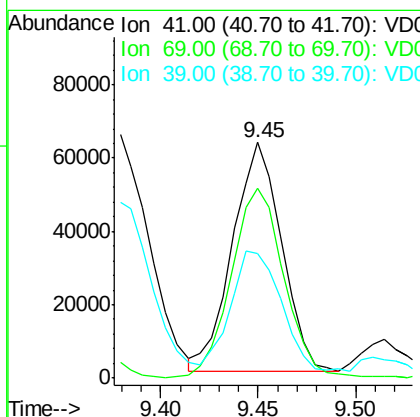
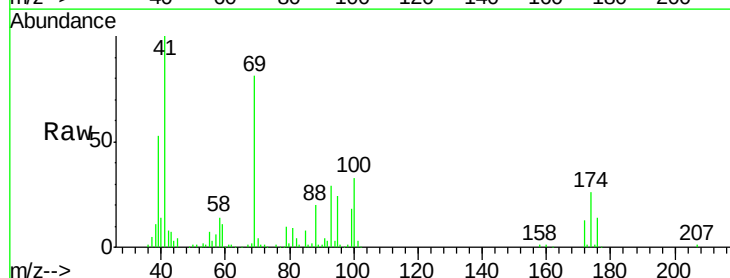
RT: 9.45 min Scan# 1280

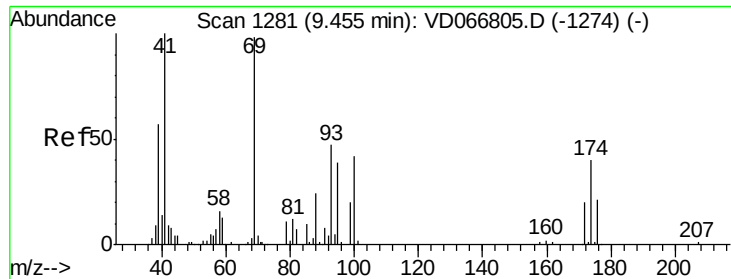
Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion:	41	Resp:	108374
Ion	Ratio	Lower	Upper
41	100		
69	88.9	74.5	111.7
39	53.1	47.0	70.6





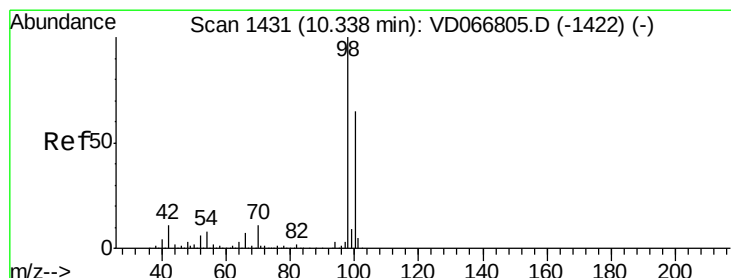
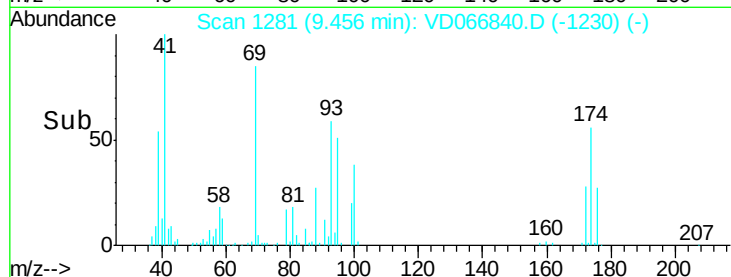
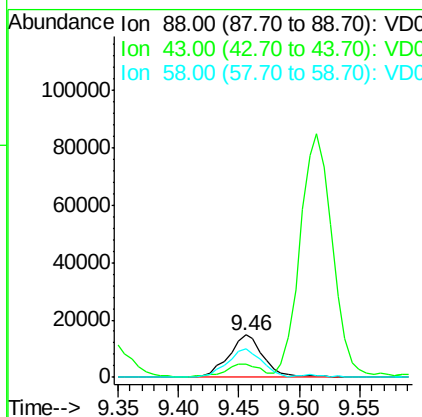
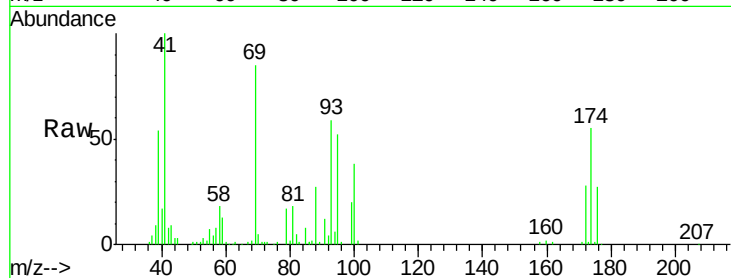
#49
1,4-Dioxane
Concen: 1087.010 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	27.7	41.5
58	67.1	55.5	83.3

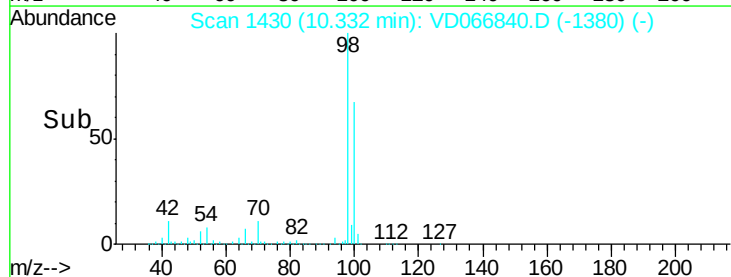
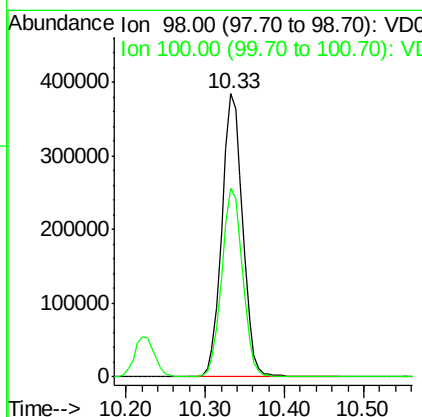
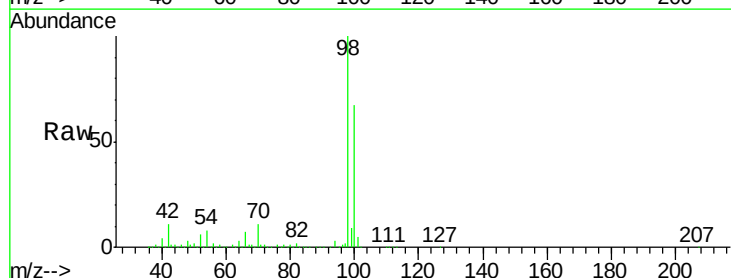
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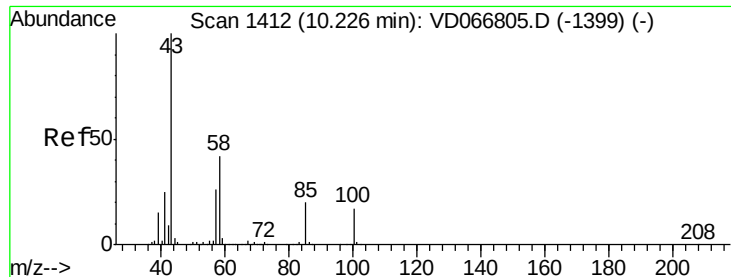
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#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.2	78.2





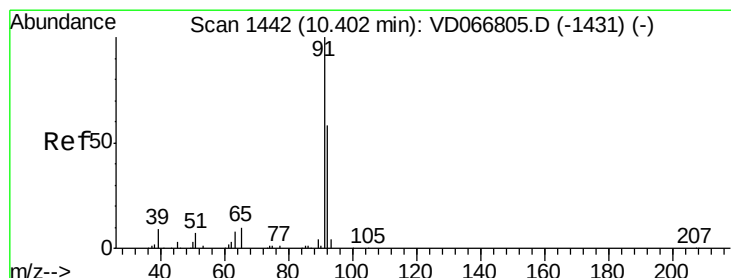
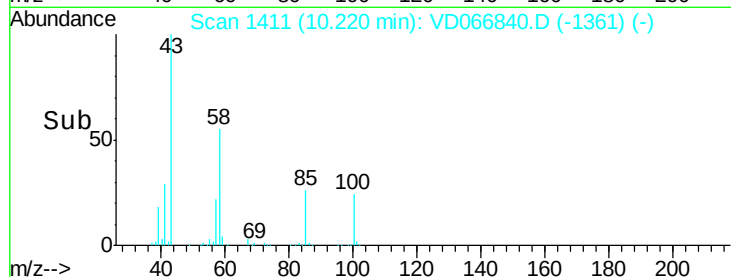
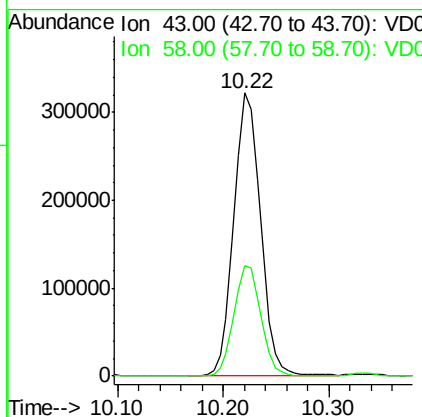
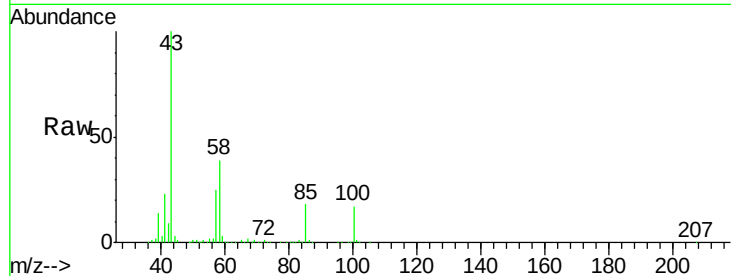
#51
 4-Methyl-2-Pentanone
 Concen: 254.264 ug/l
 RT: 10.22 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 565502
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.2 48.4

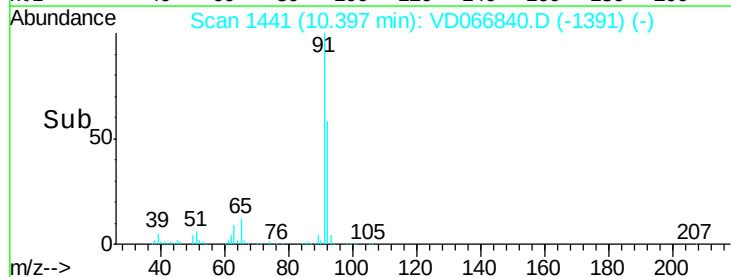
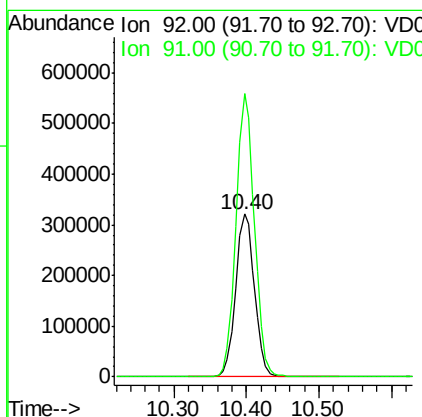
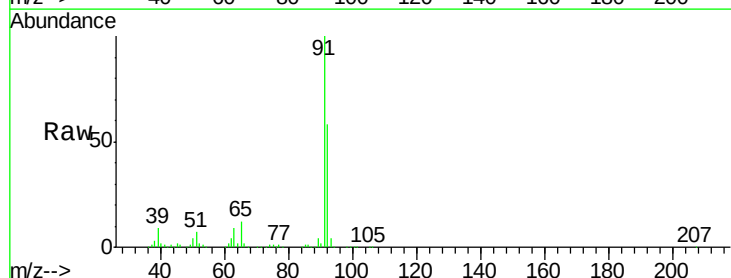
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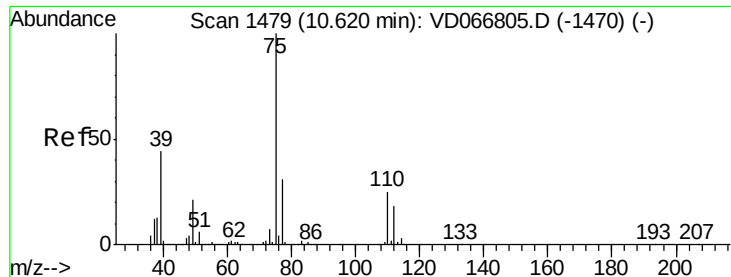
MMDadoda
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#52
 Toluene
 Concen: 51.332 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion: 92 Resp: 580334
 Ion Ratio Lower Upper
 92 100
 91 170.8 134.6 202.0





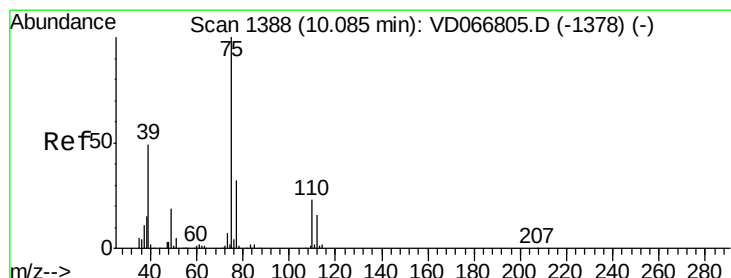
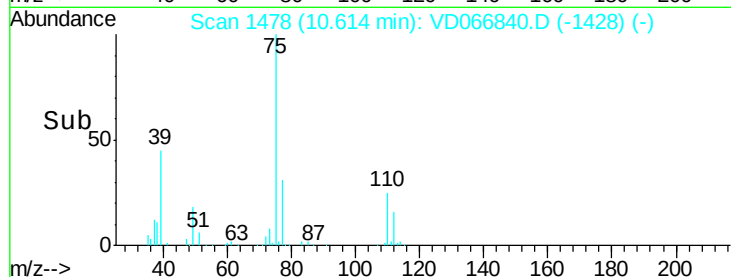
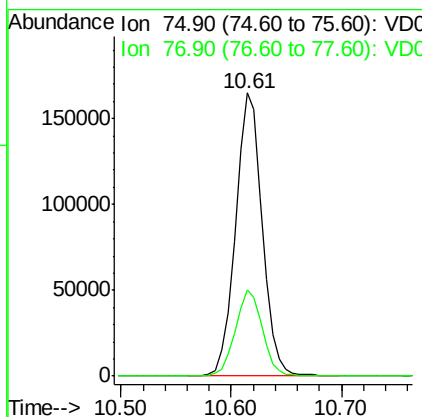
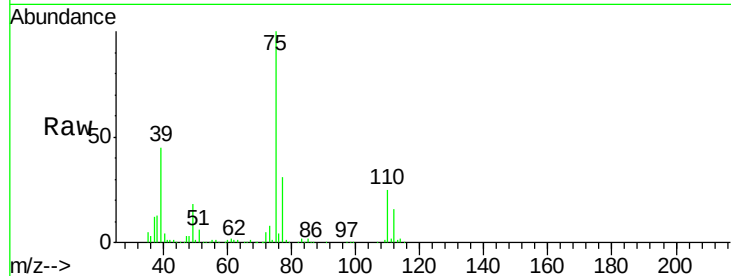
#53
t-1,3-Dichloropropene
Concen: 50.986 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 279700
Ion Ratio Lower Upper
75 100
77 30.7 24.5 36.7

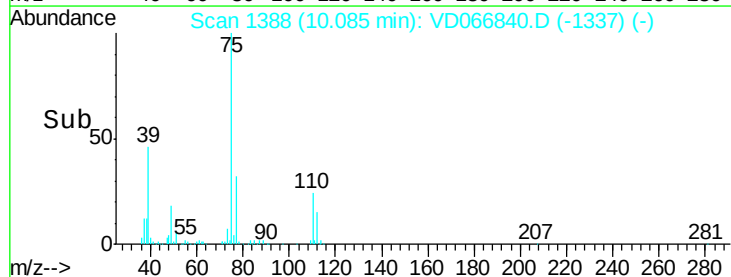
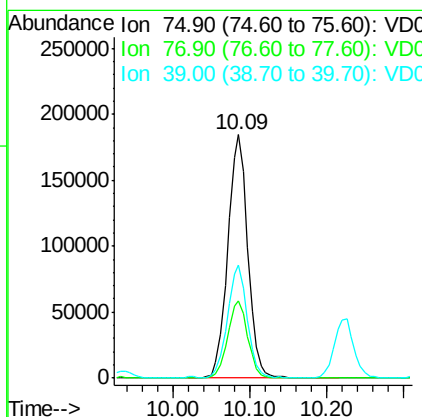
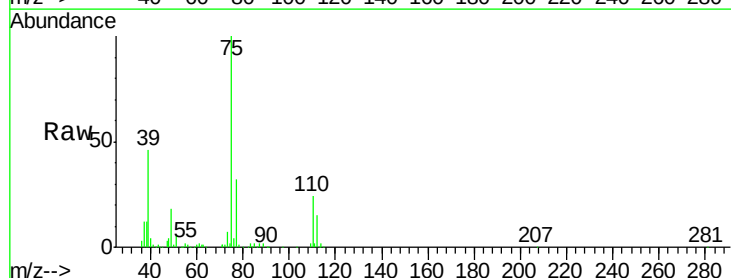
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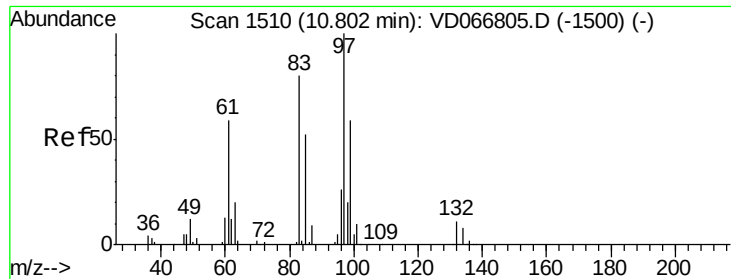
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.926 ug/l
RT: 10.09 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion: 75 Resp: 333959
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 45.7 39.2 58.8





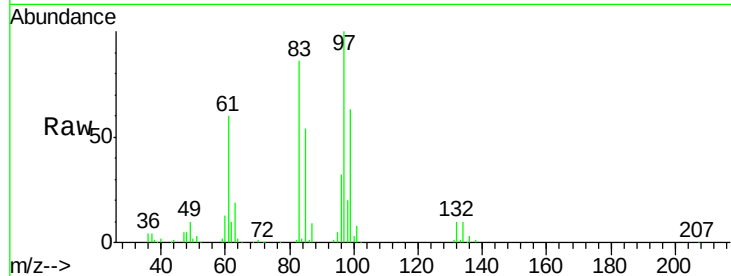
#55
 1,1,2-Trichloroethane
 Concen: 50.631 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

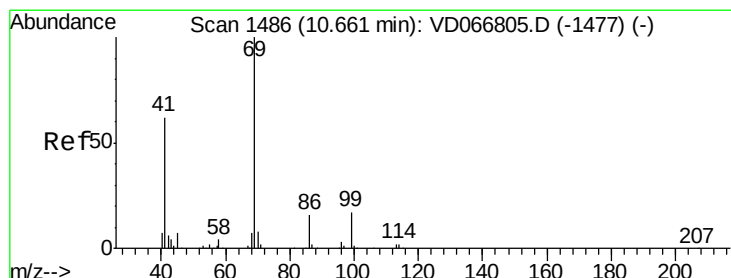
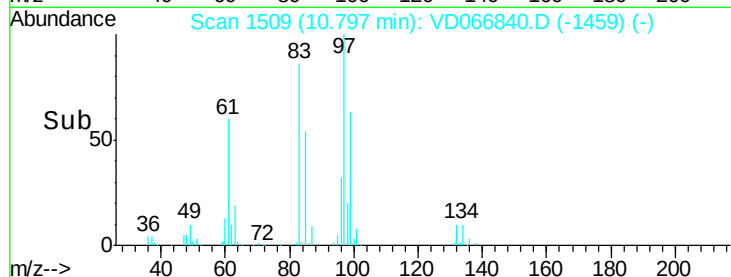
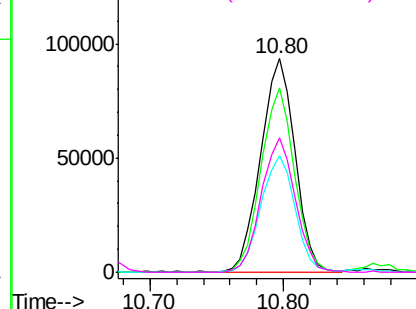
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		167000		
83	86.4	64.2	96.2		
85	54.4	41.9	62.9		
99	63.0	47.5	71.3		

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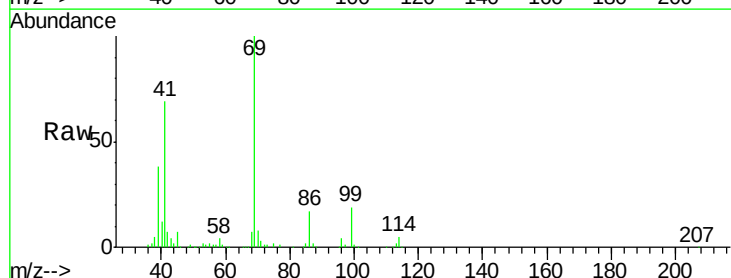


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

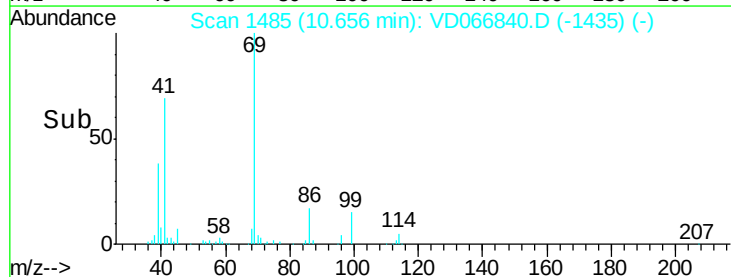
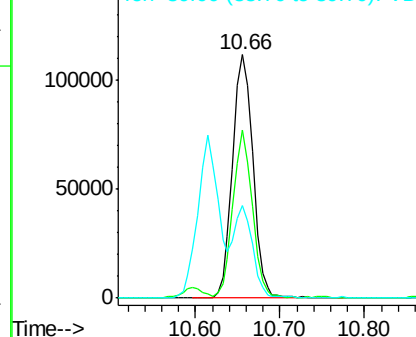


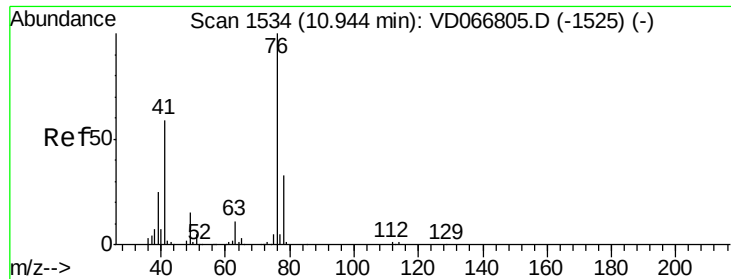
#56
 Ethyl methacrylate
 Concen: 52.732 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		186326		
41	64.5	52.2	78.2		
39	34.7	26.6	40.0		



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





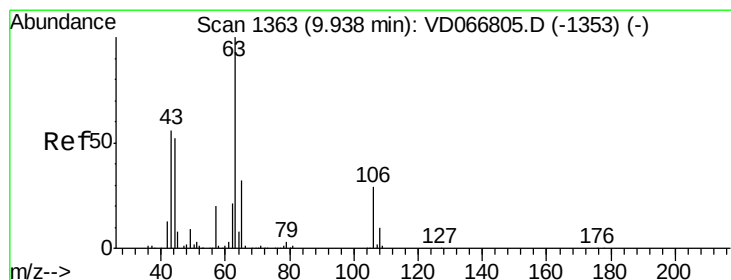
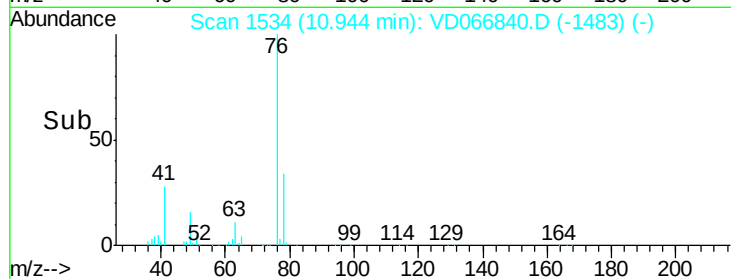
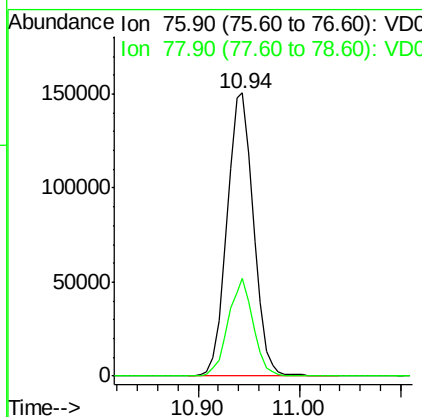
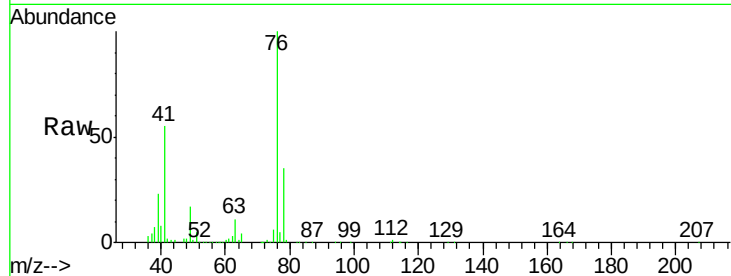
#57
 1,3-Dichloropropane
 Concen: 50.004 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

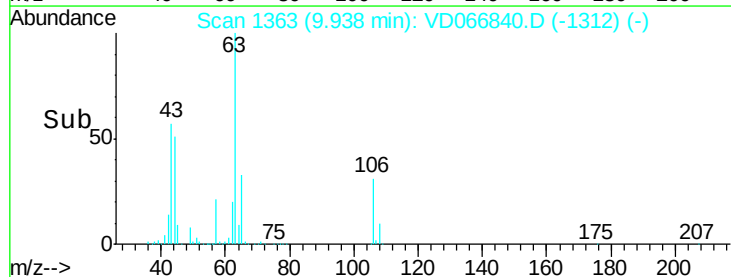
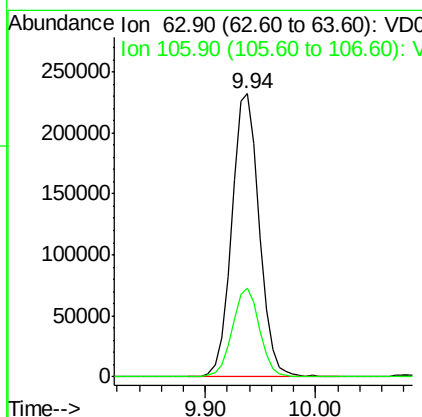
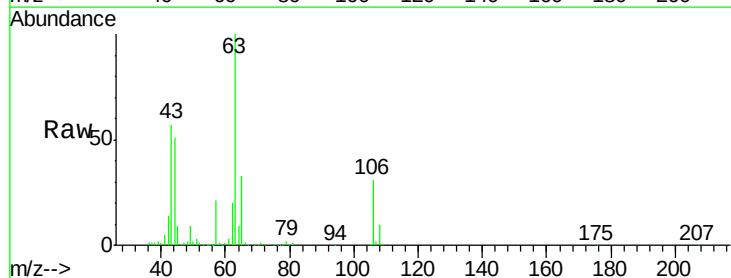
Manual Integrations
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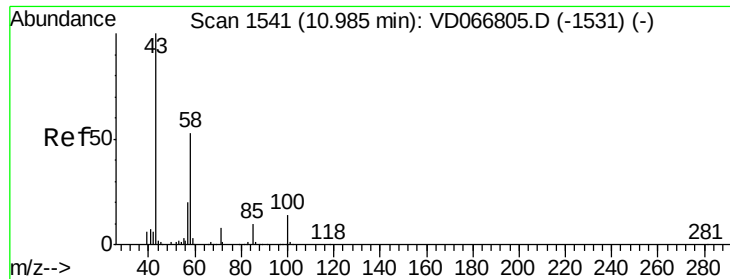
MMDadoda
 9/25/2020 3:59:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.629 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	23.8	35.6





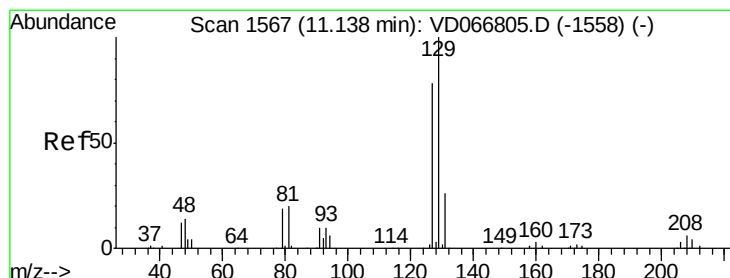
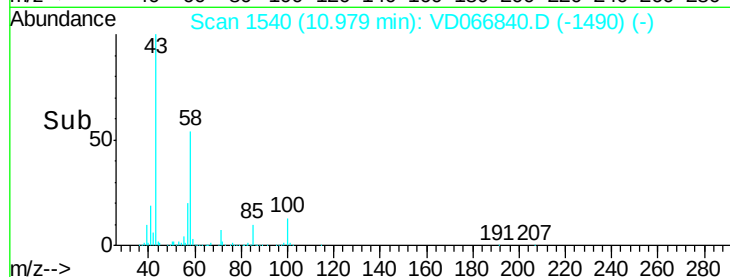
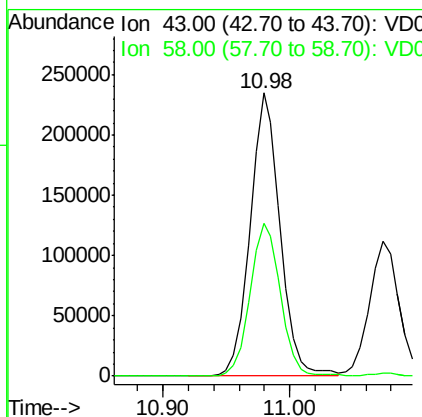
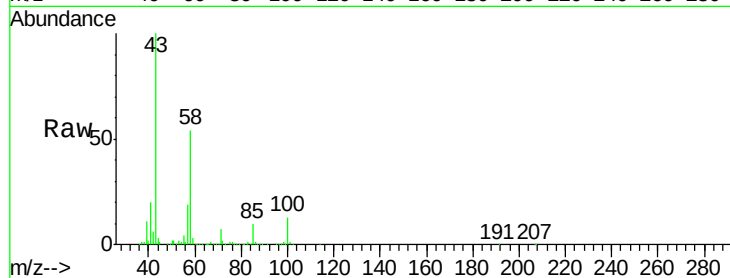
#59
2-Hexanone
Concen: 257.204 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 385770
Ion Ratio Lower Upper
43 100
58 54.6 27.0 80.8

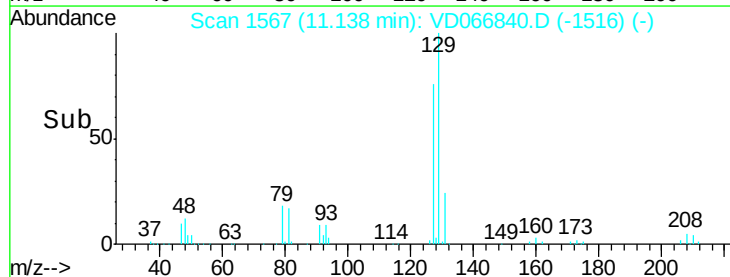
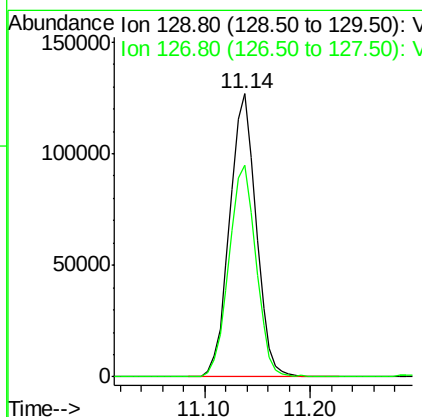
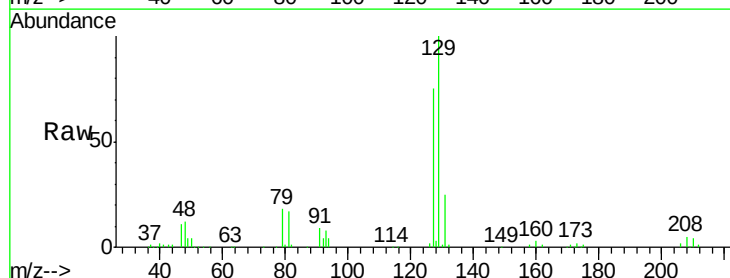
Manual Integrations
APPROVED

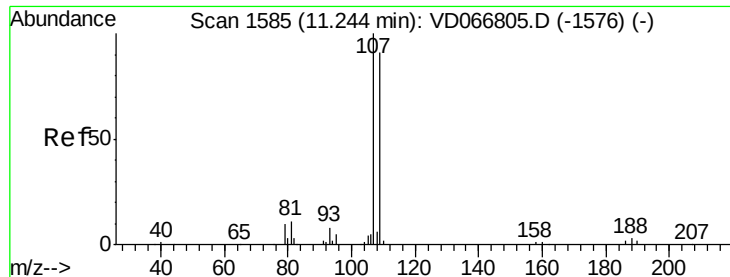
MMDadoda
9/25/2020 3:59:58 PM



#60
Dibromochloromethane
Concen: 51.148 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion: 129 Resp: 220182
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





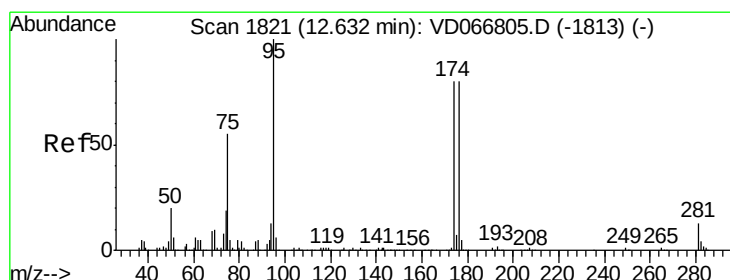
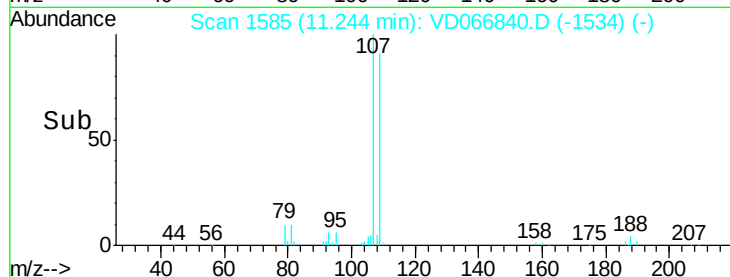
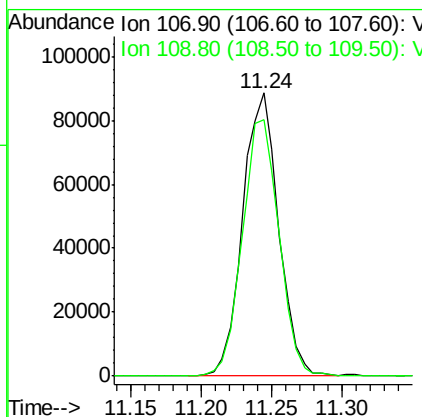
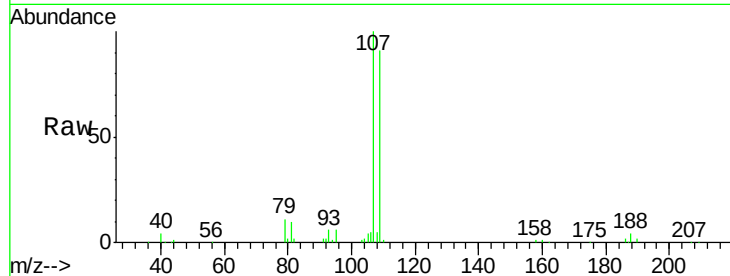
#61
 1,2-Dibromoethane
 Concen: 51.545 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.0	112.4

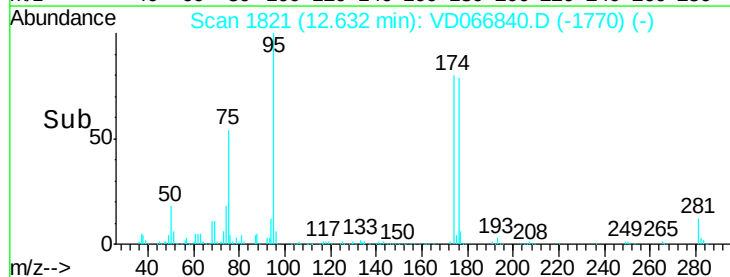
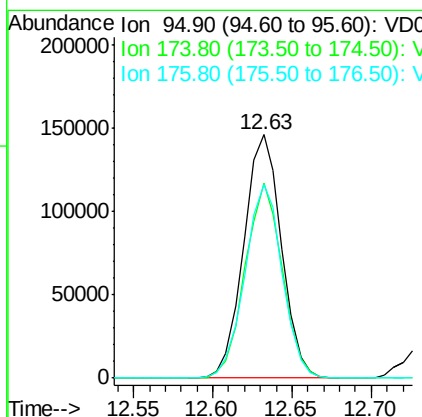
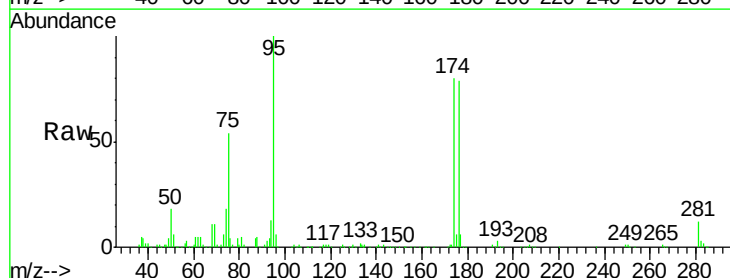
Manual Integrations
 APPROVED

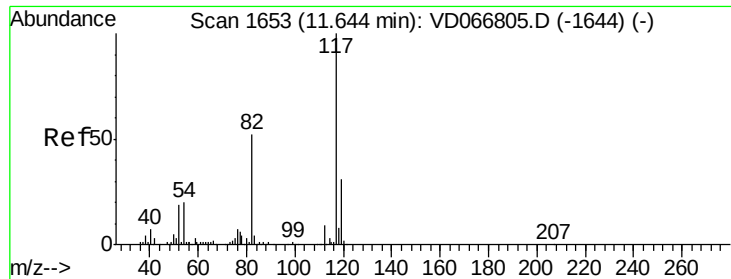
MMDadoda
 9/25/2020 3:59:58 PM



#62
 4-Bromofluorobenzene
 Concen: 51.084 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	159.8
176	78.6	0.0	154.4





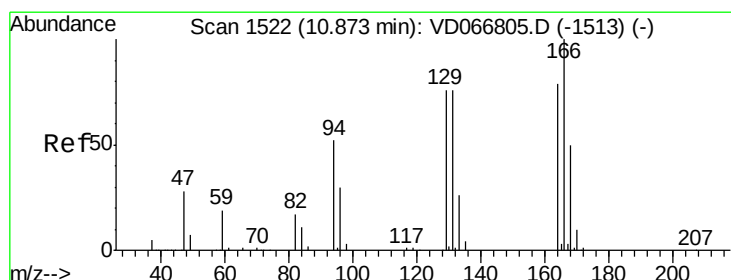
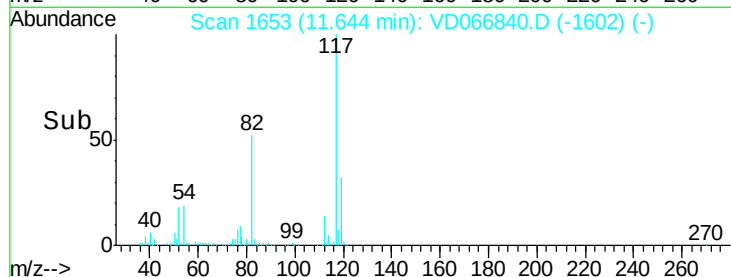
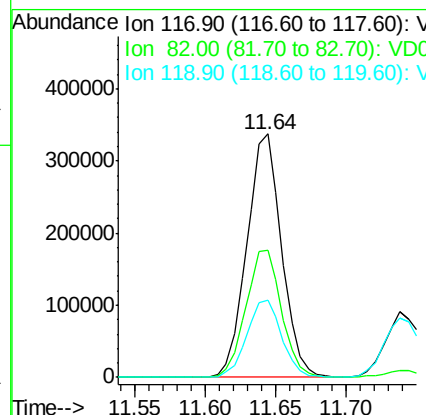
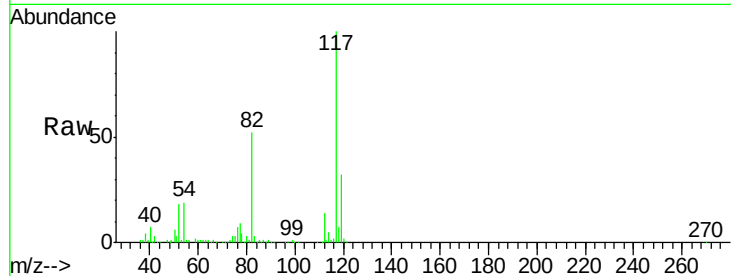
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	582195		
82	52.2		41.8	62.6
119	32.0		24.6	37.0

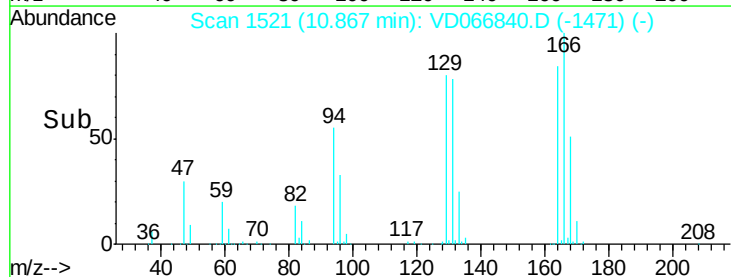
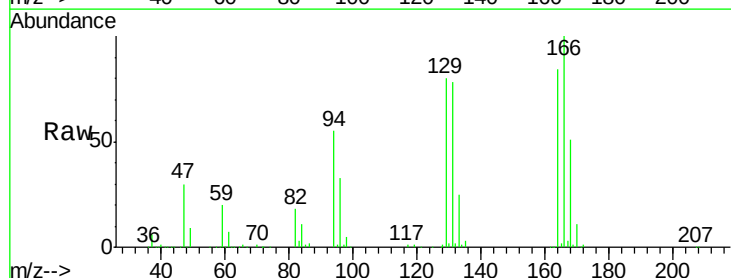
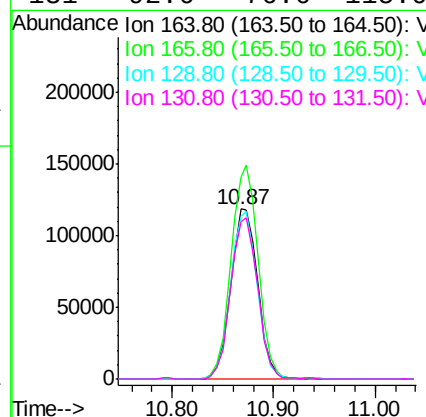
Manual Integrations
APPROVED

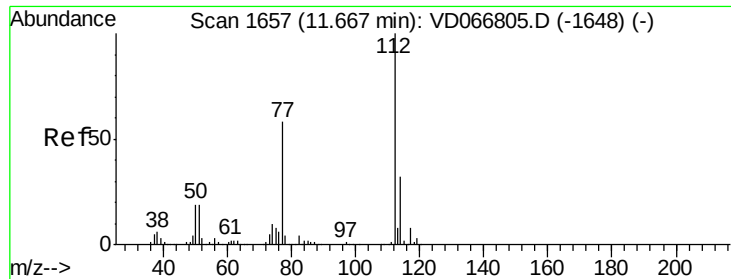
MMDadoda
9/25/2020 3:59:58 PM



#64
Tetrachloroethene
Concen: 52.061 ug/l
RT: 10.87 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218020		
166	118.8		101.1	151.7
129	95.6		77.0	115.4
131	92.6		76.6	115.0





#65

Chlorobenzene

Concen: 50.076 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 606856

Ion Ratio Lower Upper

112 100

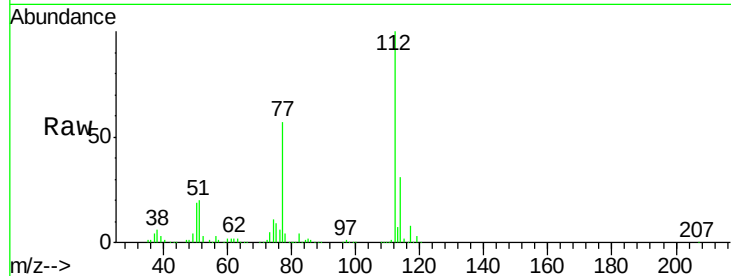
114 31.3 25.4 38.2

Manual Integrations

APPROVED

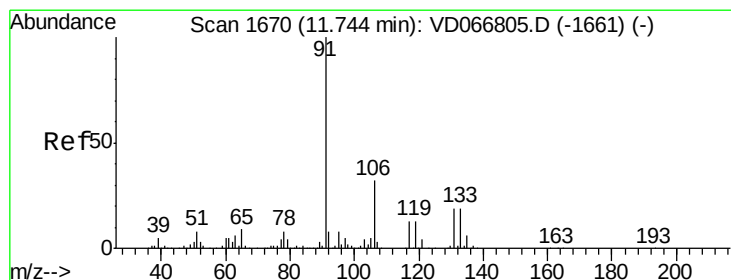
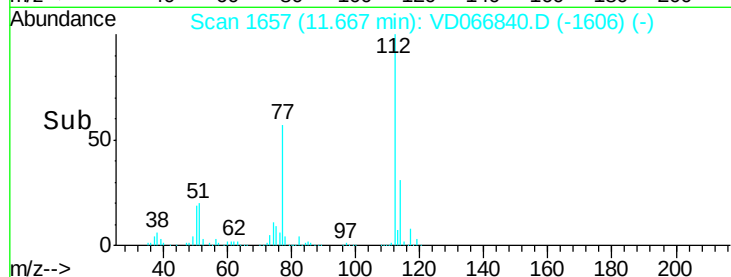
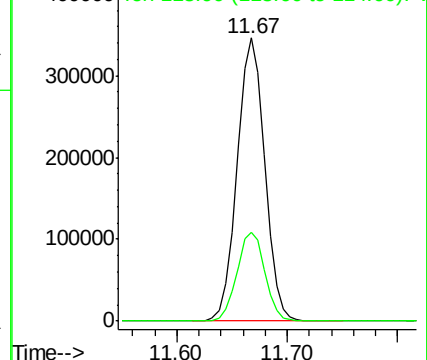
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.699 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

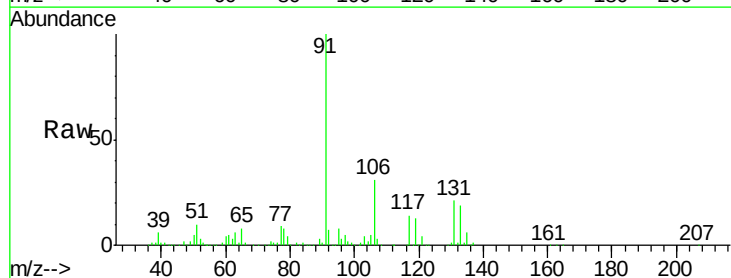
Tgt Ion:131 Resp: 232539

Ion Ratio Lower Upper

131 100

133 95.1 46.7 140.1

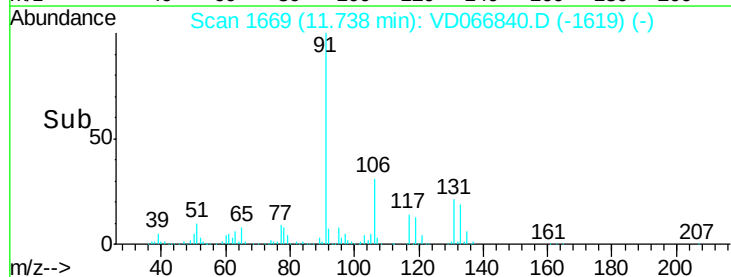
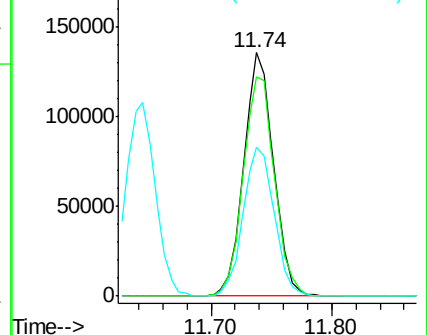
119 64.1 32.3 96.9

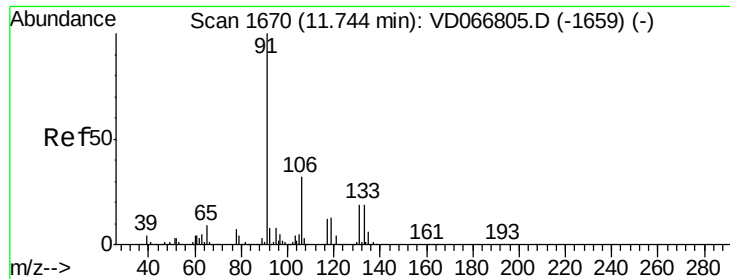


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





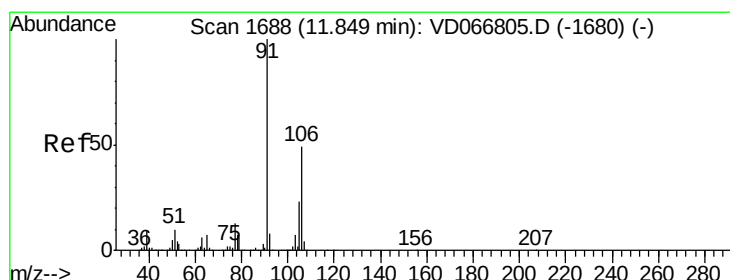
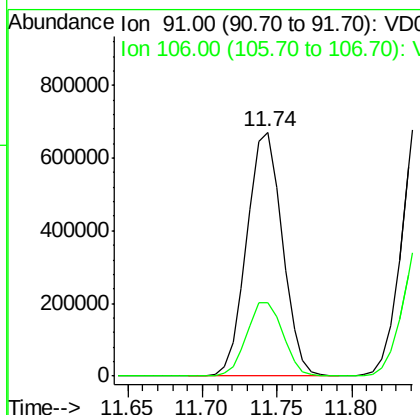
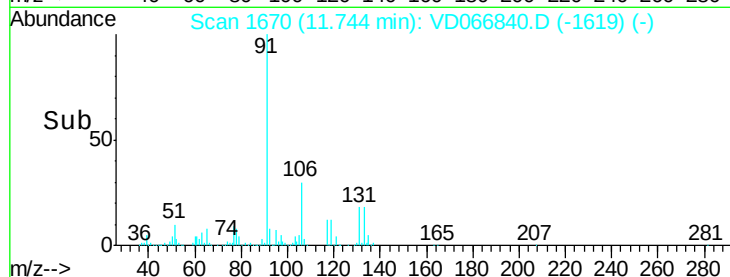
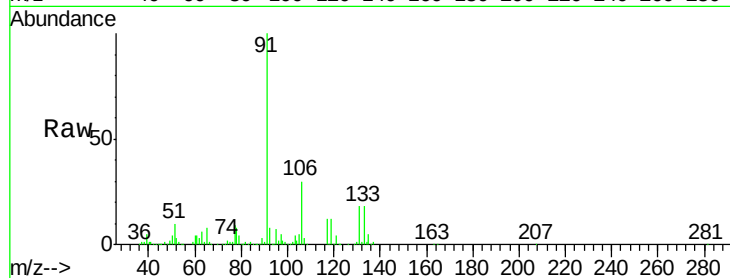
#67
Ethyl Benzene
Concen: 52.222 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1111516
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

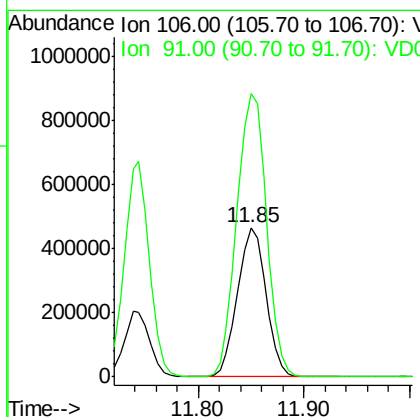
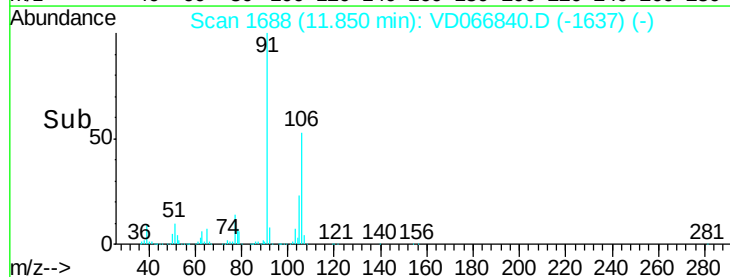
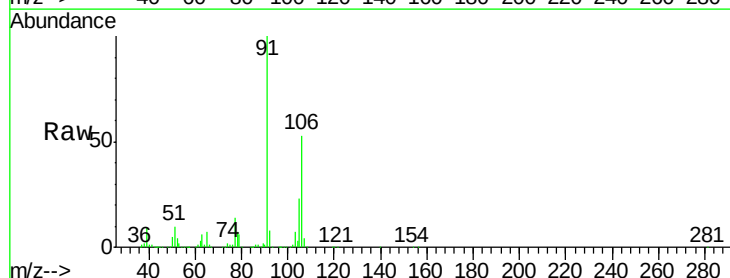
Manual Integrations
APPROVED

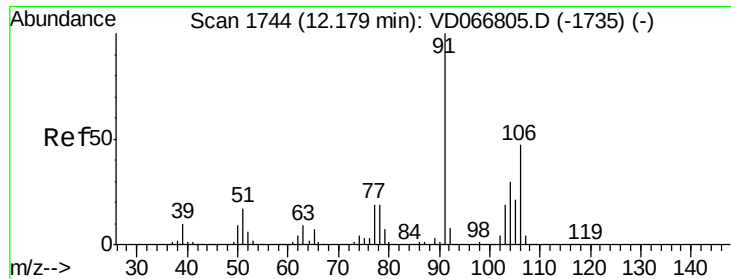
MMDadoda
9/25/2020 3:59:58 PM



#68
m/p-Xylenes
Concen: 107.916 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion: 106 Resp: 869642
Ion Ratio Lower Upper
106 100
91 197.4 160.7 241.1





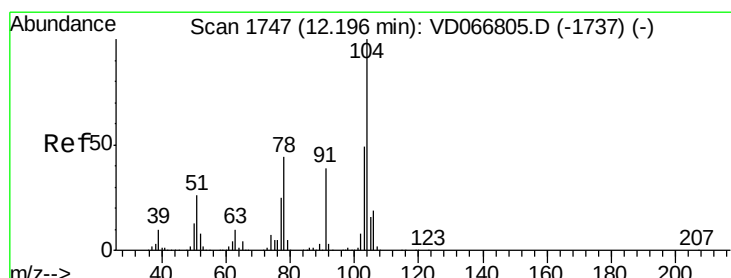
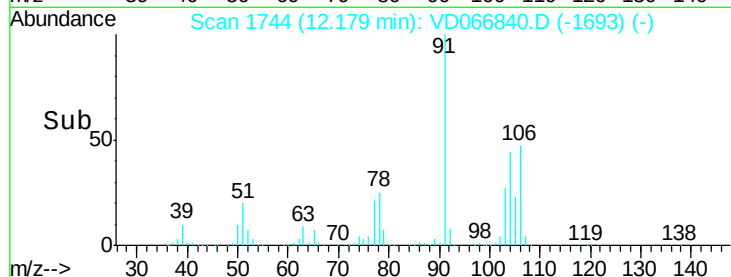
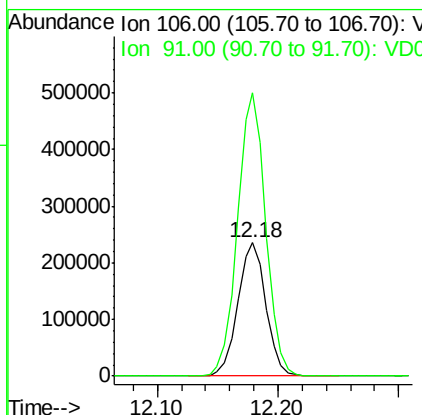
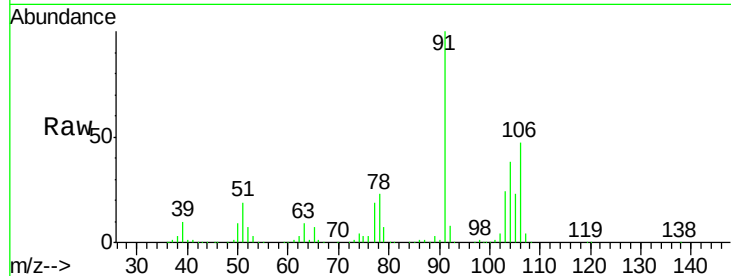
#69
o-Xylene
Concen: 52.202 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	380386		
91	212.7	106.3	318.8	

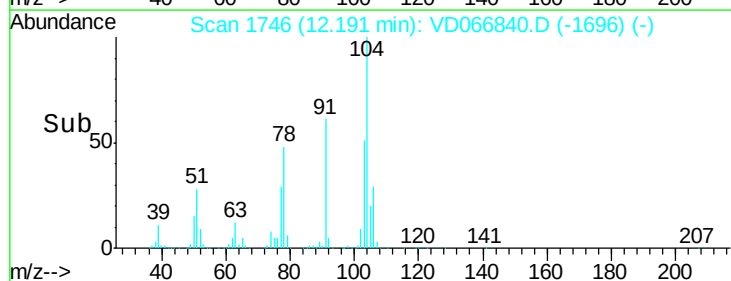
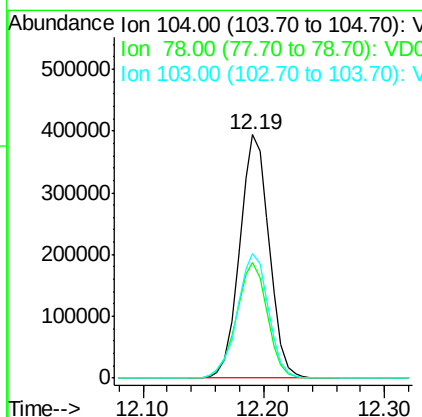
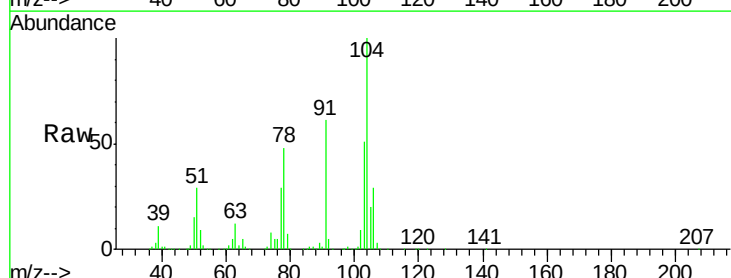
Manual Integrations
APPROVED

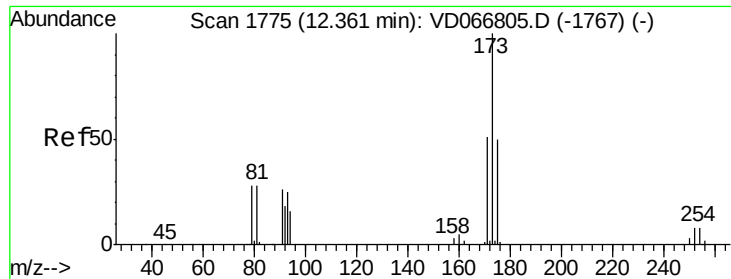
MMDadoda
9/25/2020 3:59:58 PM



#70
Styrene
Concen: 52.748 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	667496		
78	50.0	38.9	58.3	
103	54.0	43.2	64.8	





#71

Bromoform

Concen: 50.231 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

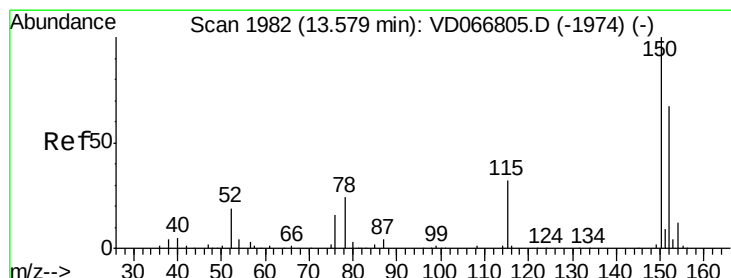
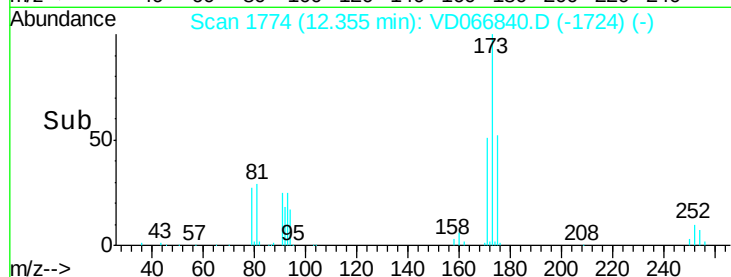
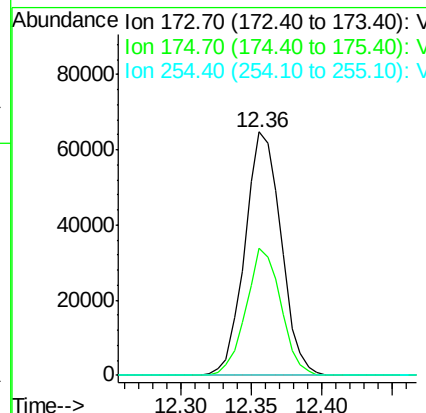
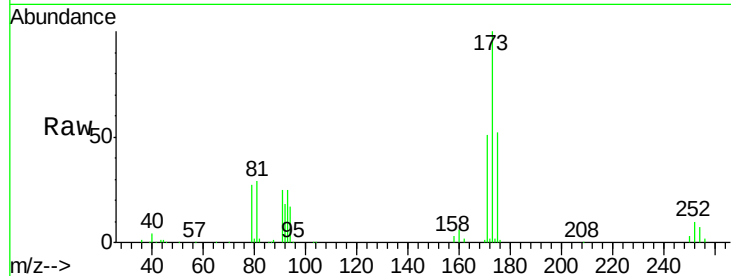
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.9	74.6
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

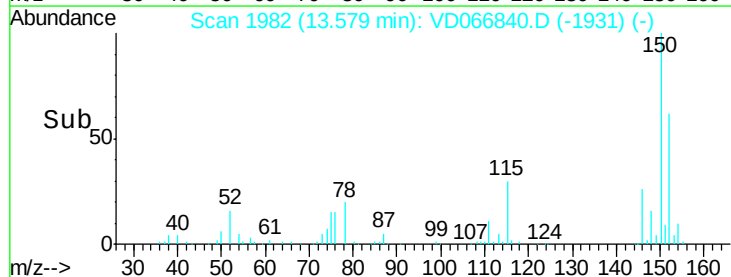
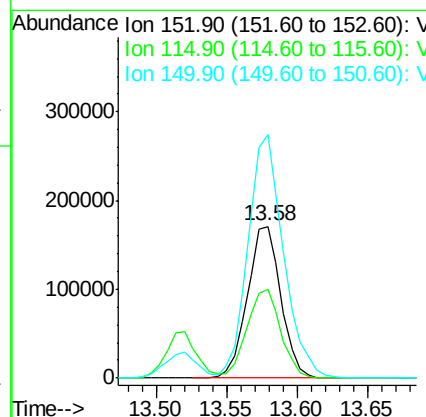
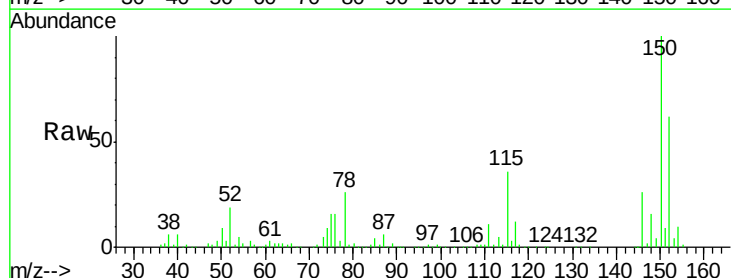
RT: 13.58 min Scan# 1982

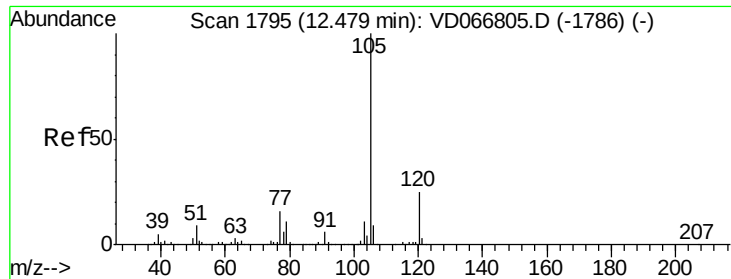
Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.3	91.0
150	170.9	0.0	346.2





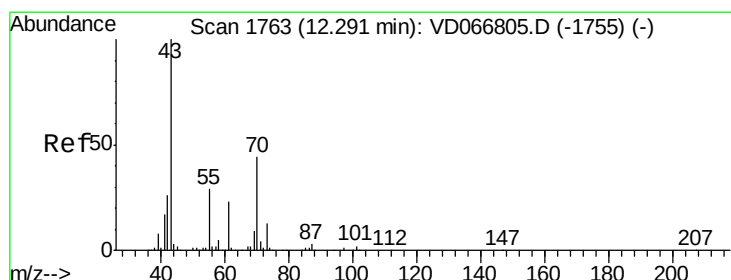
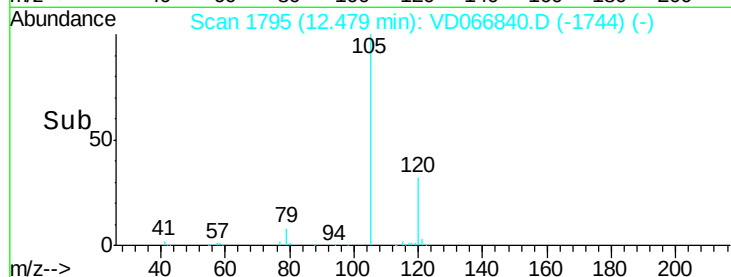
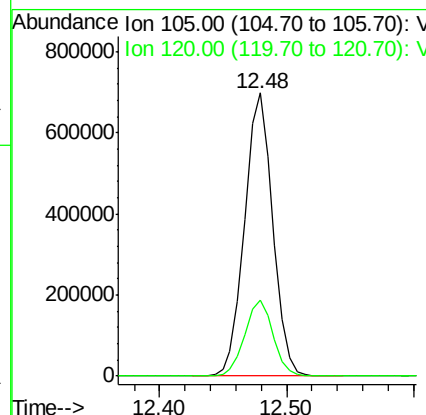
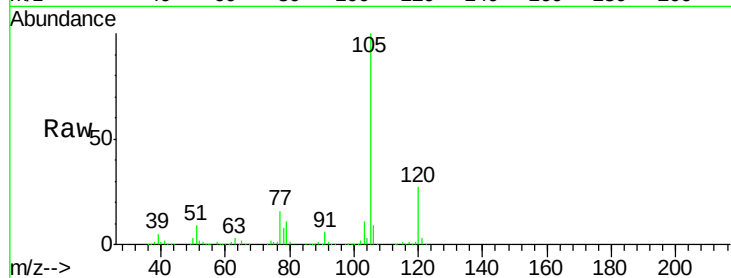
#73
Isopropylbenzene
Concen: 52.712 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1074724
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

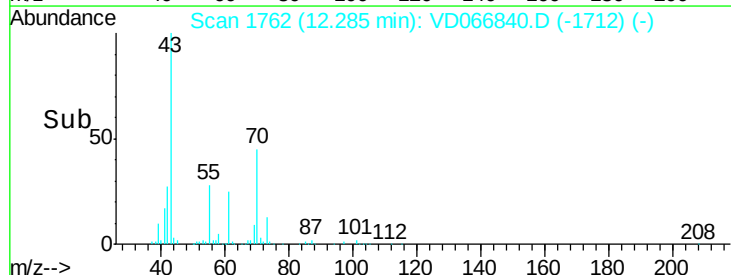
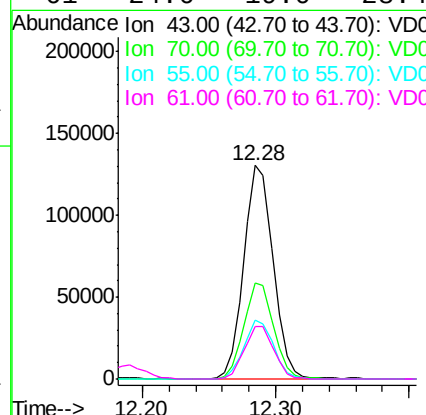
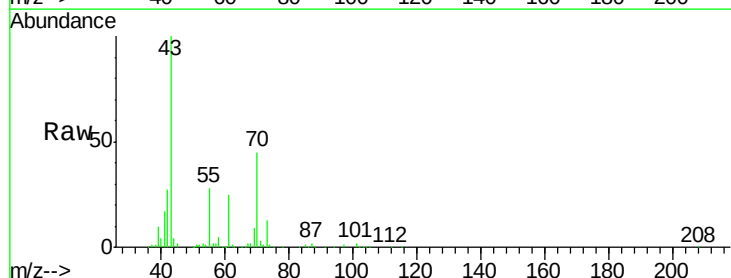
Manual Integrations
APPROVED

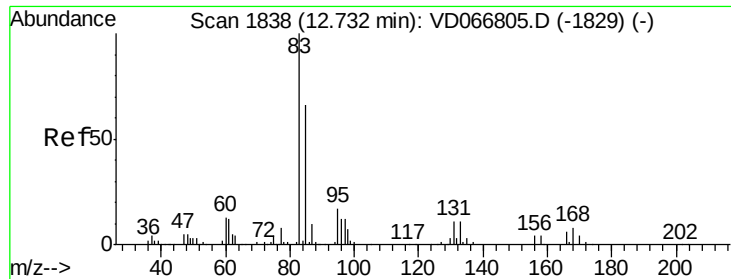
MMDadoda
9/25/2020 3:59:58 PM



#74
N-ethyl acetate
Concen: 49.866 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion: 43 Resp: 198542
Ion Ratio Lower Upper
43 100
70 45.5 36.1 54.1
55 28.3 21.8 32.8
61 24.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.012 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

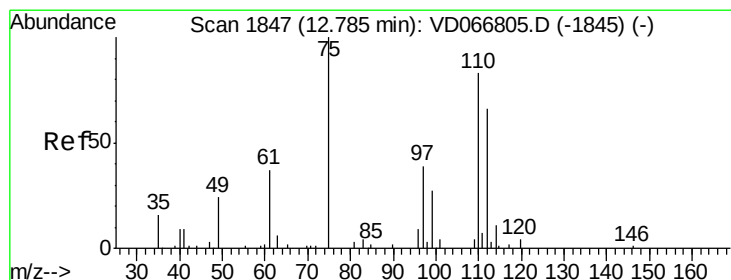
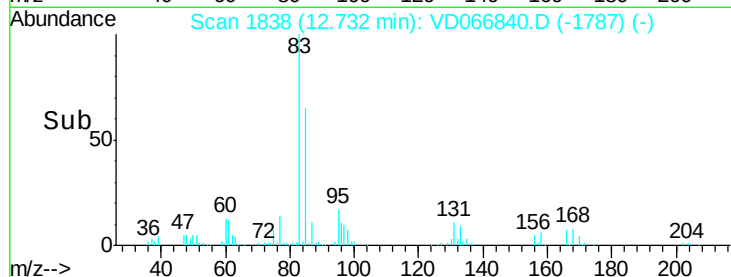
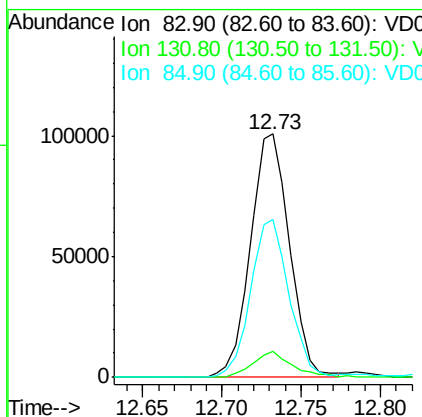
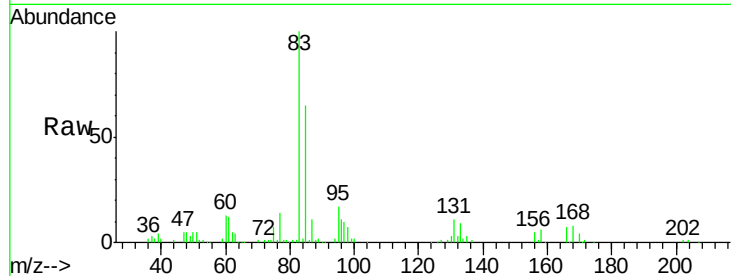
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	172431
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.7
85	63.7	32.1	96.5

Manual Integrations
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9/25/2020 3:59:58 PM



#76

1,2,3-Trichloropropane

Concen: 52.378 ug/l m

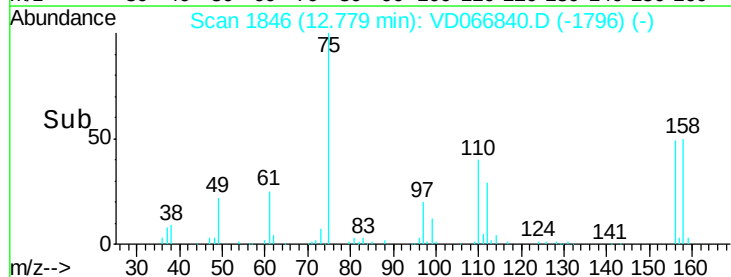
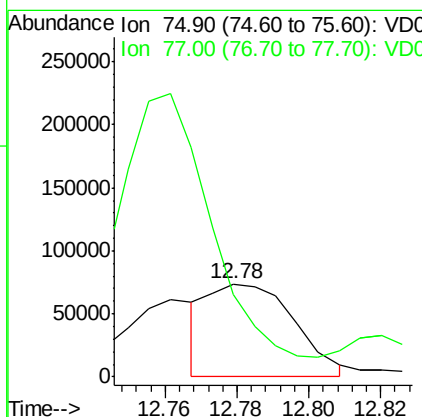
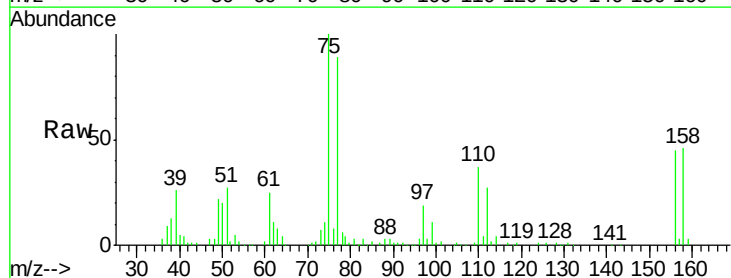
RT: 12.78 min Scan# 1846

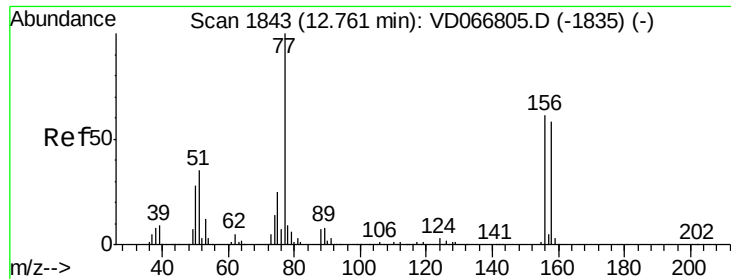
Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion:	75	Resp:	122508
Ion Ratio	Lower	Upper	
75	100		
77	350.9	0.0	0.0#





#77

Bromobenzene

Concen: 50.526 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

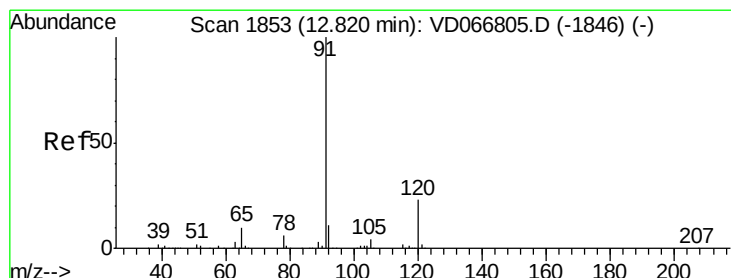
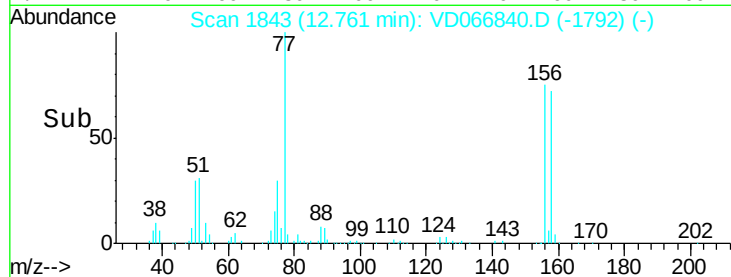
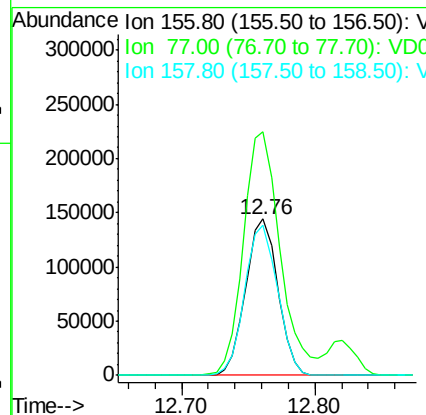
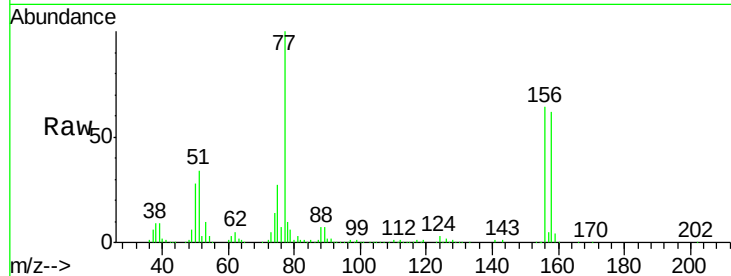
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		240926		
77	178.5	92.3	276.9		
158	97.5	47.6	142.9		

Manual Integrations
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#78

n-propylbenzene

Concen: 52.826 ug/l

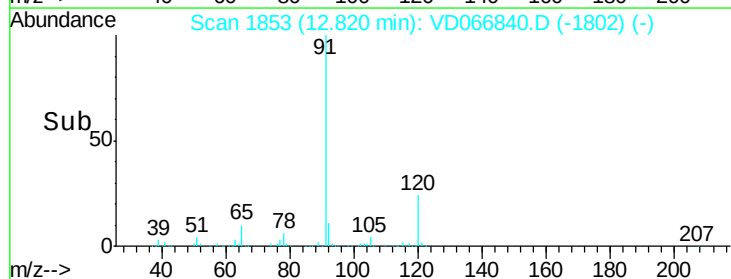
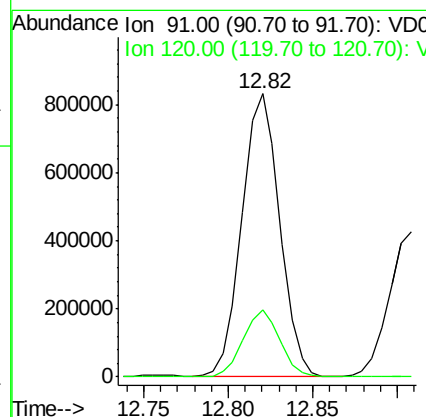
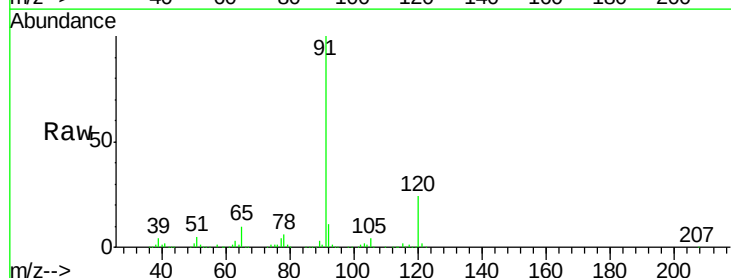
RT: 12.82 min Scan# 1853

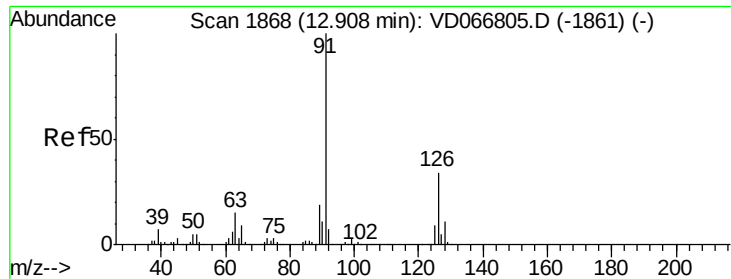
Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1295733		
120	22.9	11.4	34.2		





#79

2-Chlorotoluene

Concen: 50.067 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 699806

Ion Ratio Lower Upper

91 100

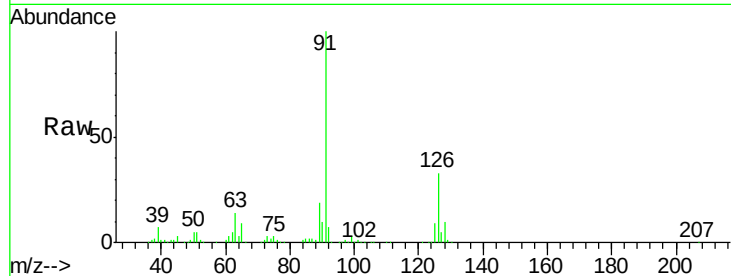
126 34.4 17.0 51.0

Manual Integrations

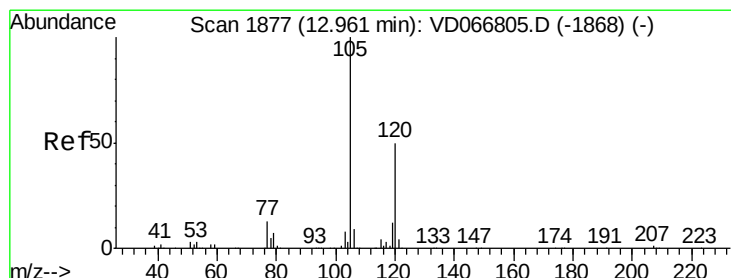
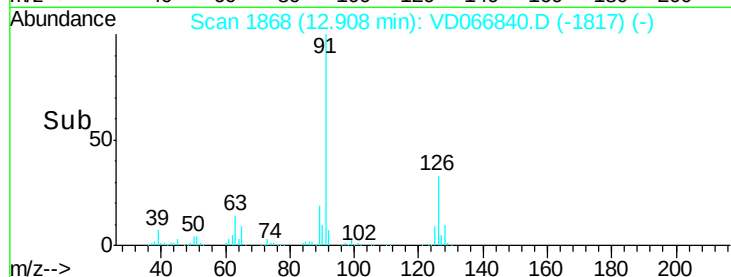
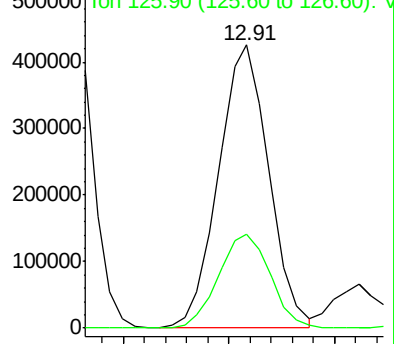
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Abundance Ion 91.00 (90.70 to 91.70): VD066840.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.452 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066840.D

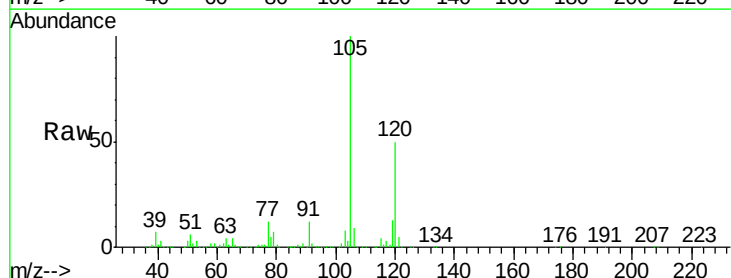
Acq: 24 Sep 2020 10:04

Tgt Ion: 105 Resp: 907417

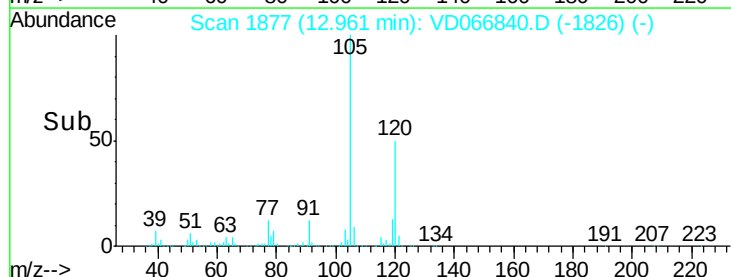
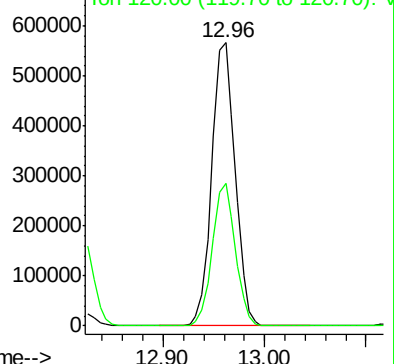
Ion Ratio Lower Upper

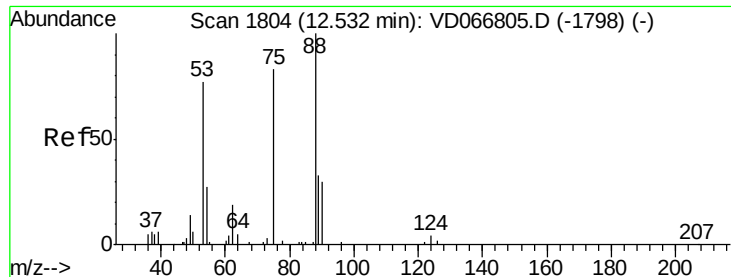
105 100

120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066840.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.254 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

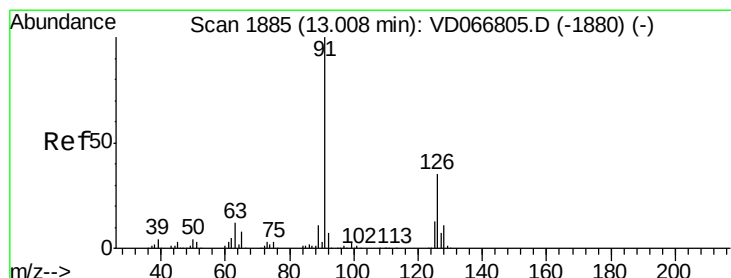
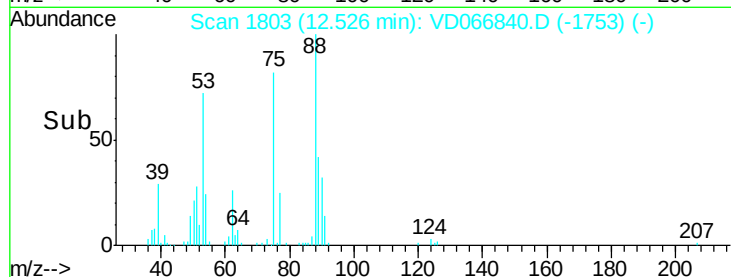
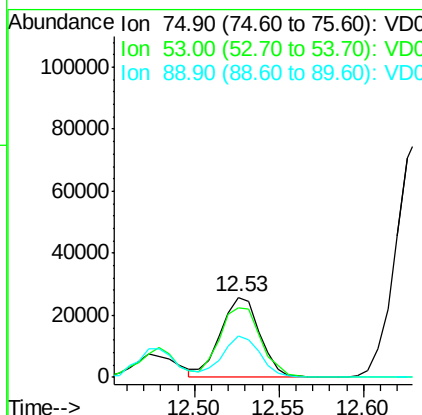
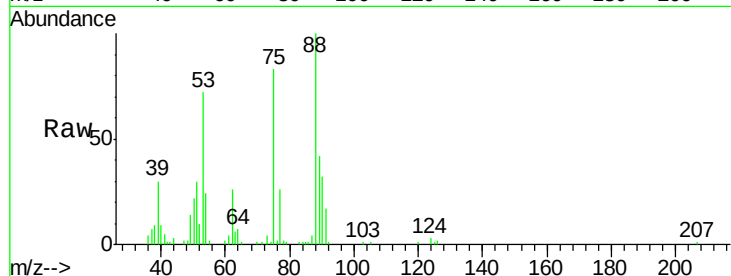
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	42306
Ion	Ratio	Lower	Upper
75	100		
53	91.4	78.5	117.7
89	48.3	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.649 ug/l

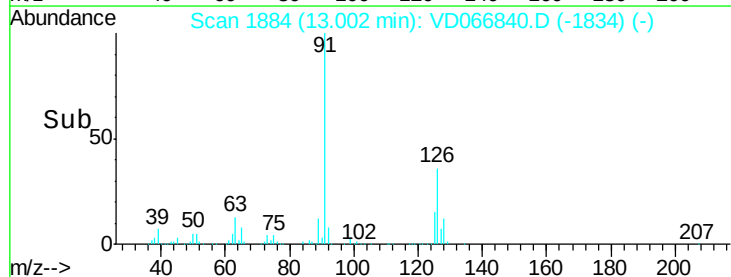
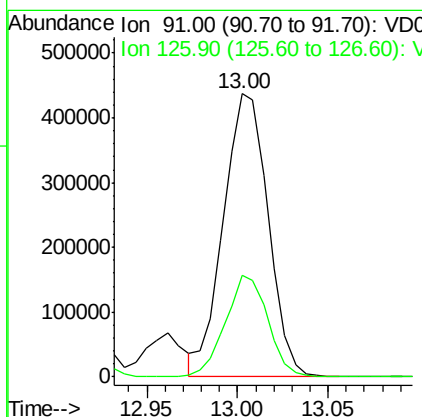
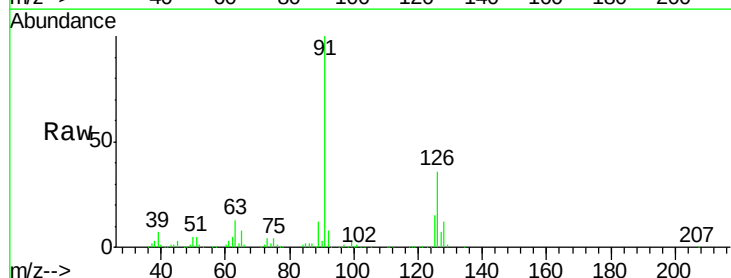
RT: 13.00 min Scan# 1884

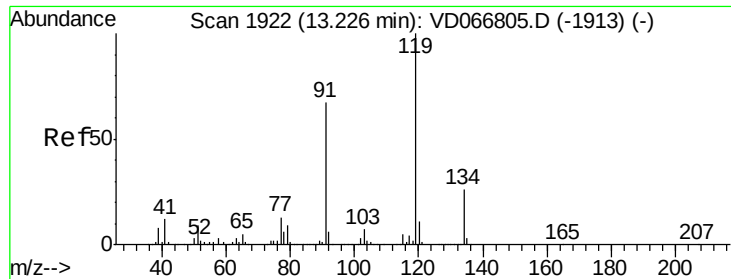
Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Tgt Ion:	91	Resp:	746278
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





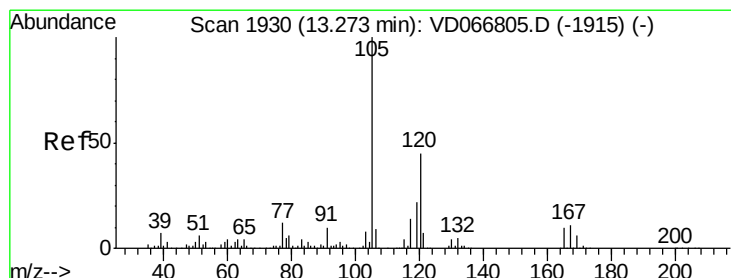
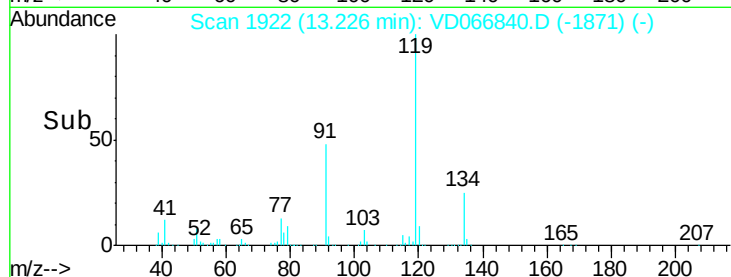
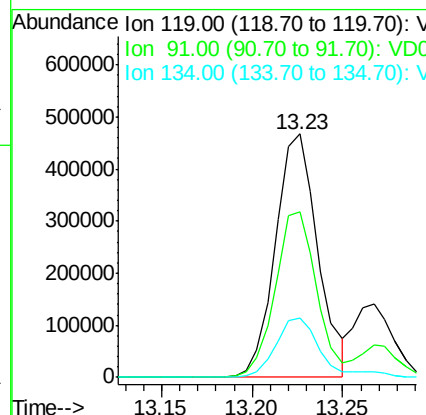
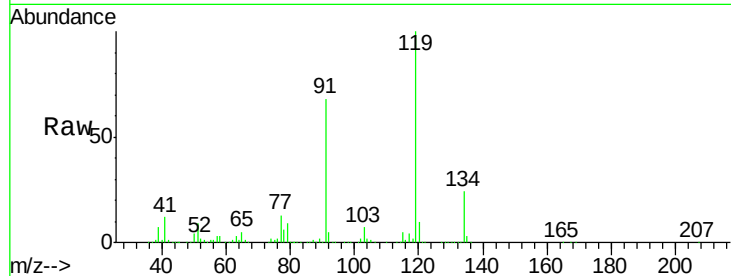
#83
 tert-Butylbenzene
 Concen: 53.856 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.6	100.8
134	26.0	13.5	40.4

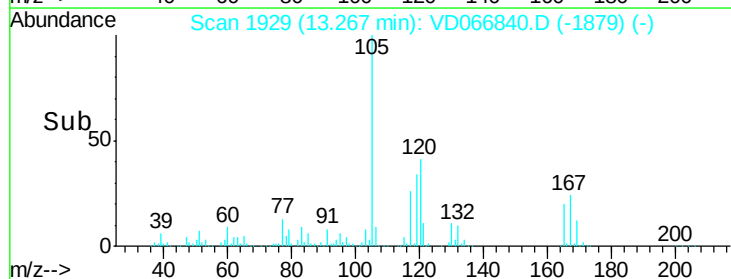
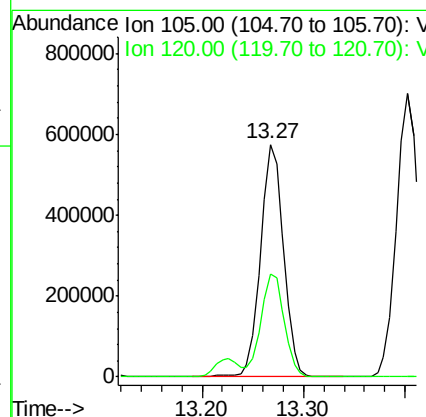
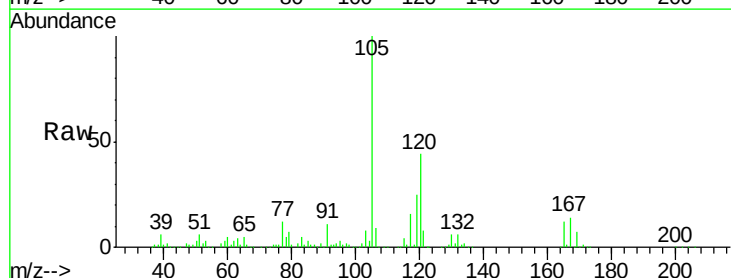
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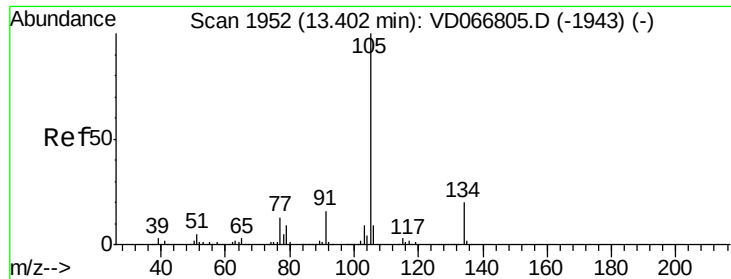
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.768 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 52.715 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1077612

Ion Ratio Lower Upper

105 100

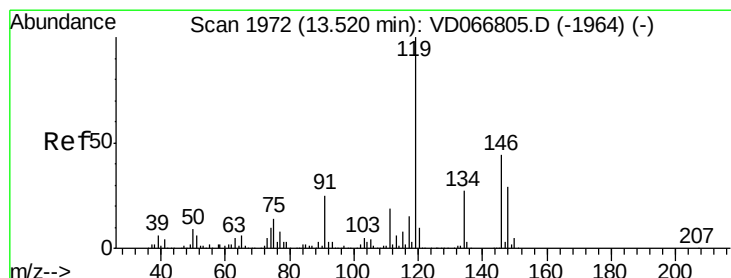
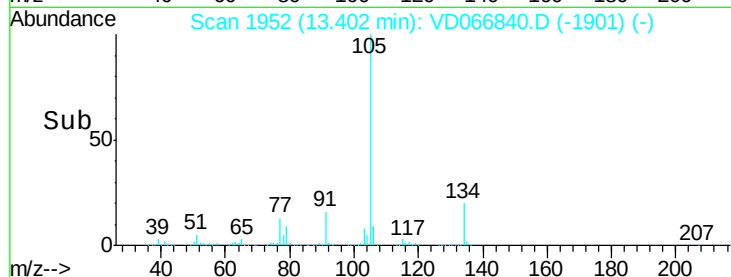
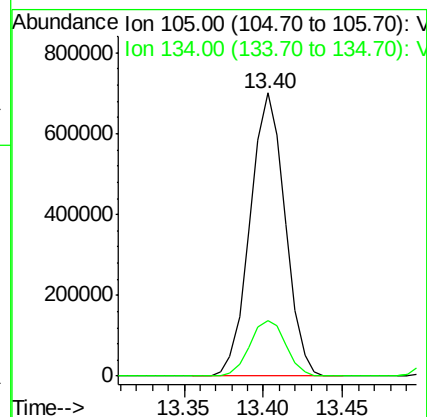
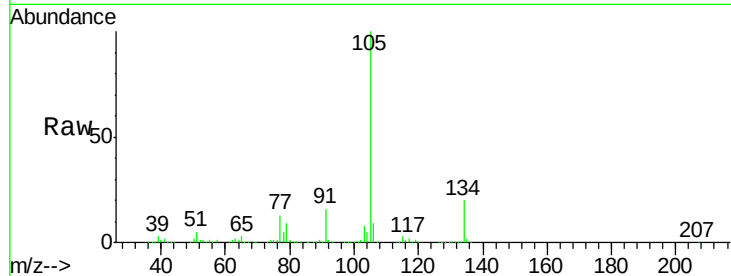
134 20.3 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 54.575 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066840.D

Acq: 24 Sep 2020 10:04

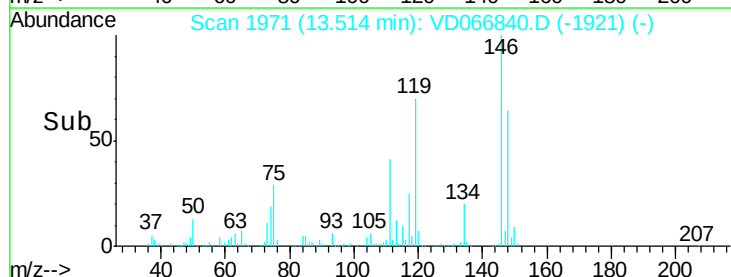
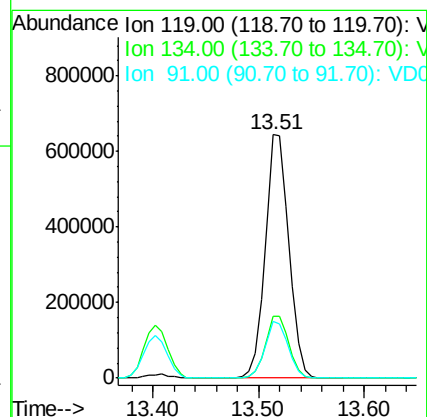
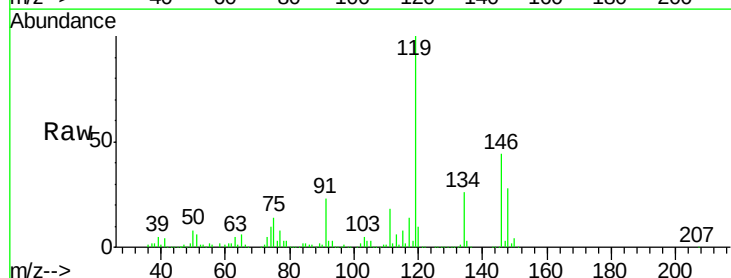
Tgt Ion:119 Resp: 1005632

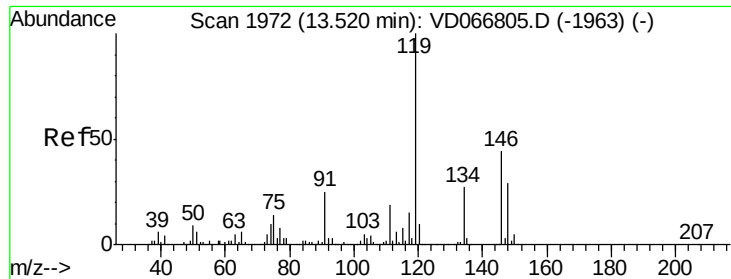
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 23.0 12.0 36.1





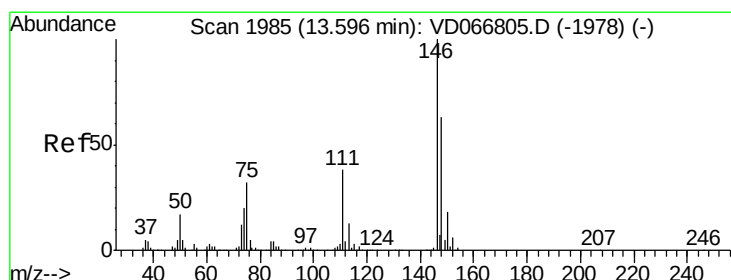
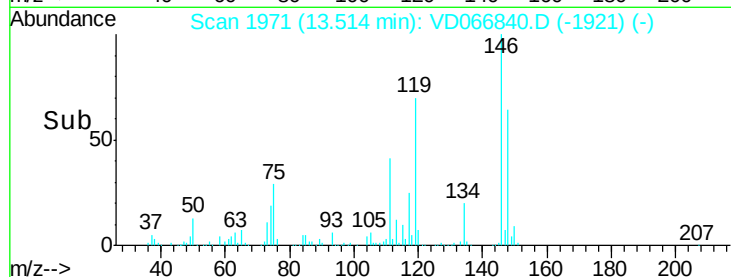
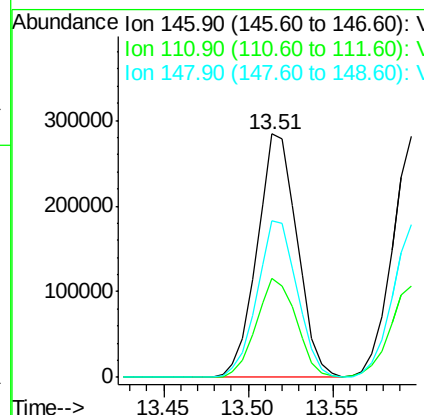
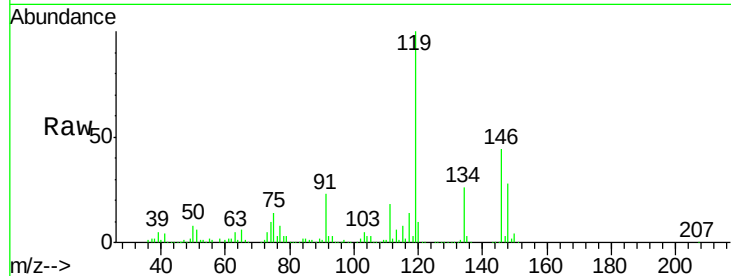
#87
 1,3-Dichlorobenzene
 Concen: 49.910 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.2	31.9	95.5

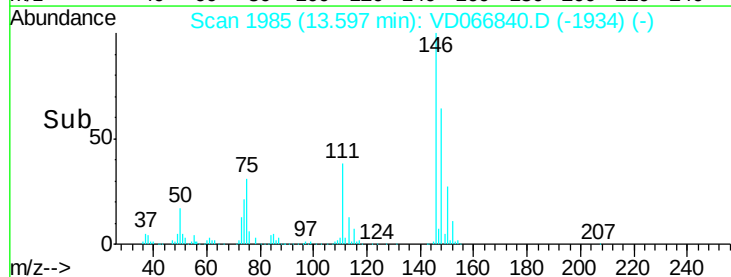
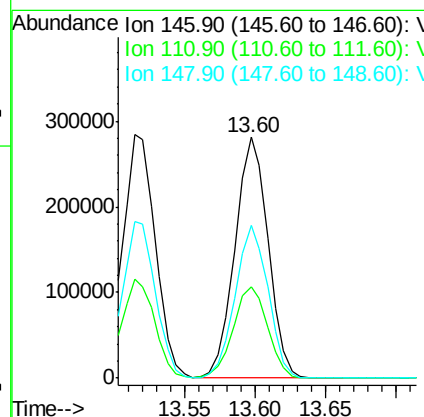
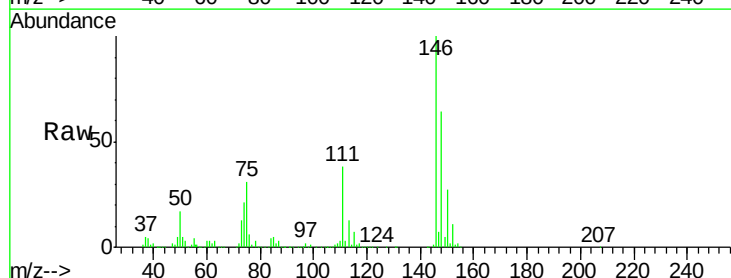
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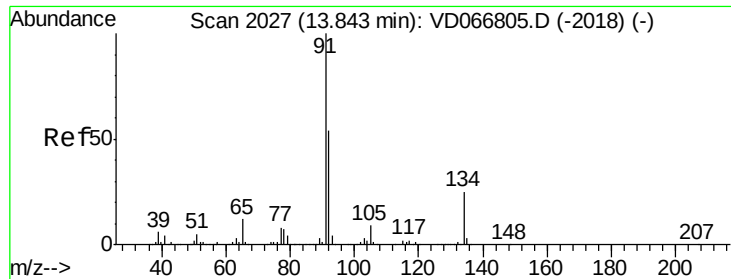
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#88
 1,4-Dichlorobenzene
 Concen: 49.224 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	63.0	31.6	94.7





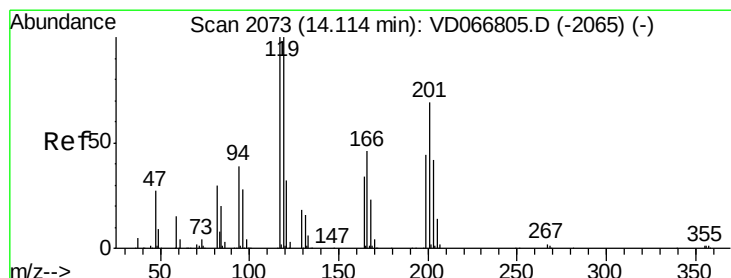
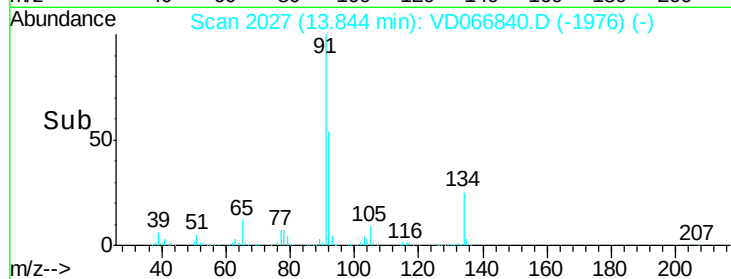
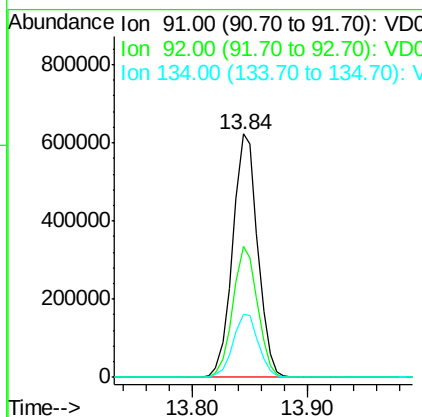
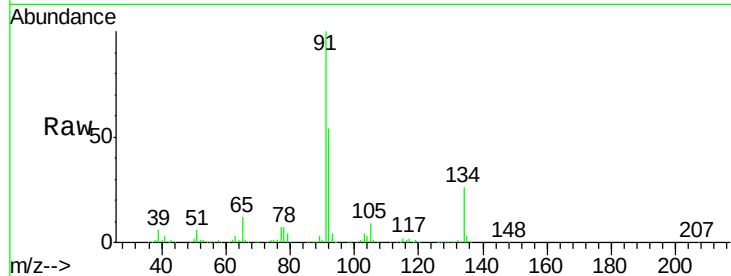
#89
n-Butylbenzene
Concen: 53.252 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.7	80.0	
134	26.0	13.1	39.1	

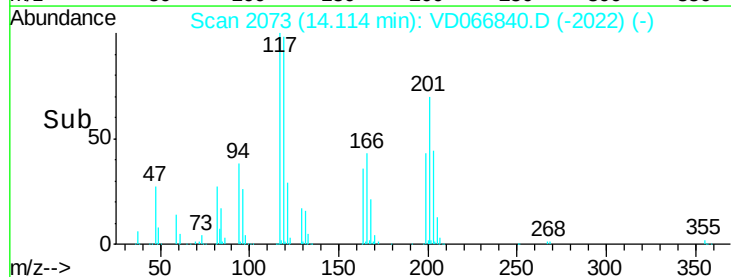
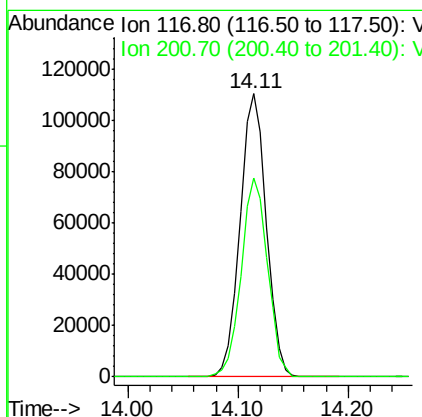
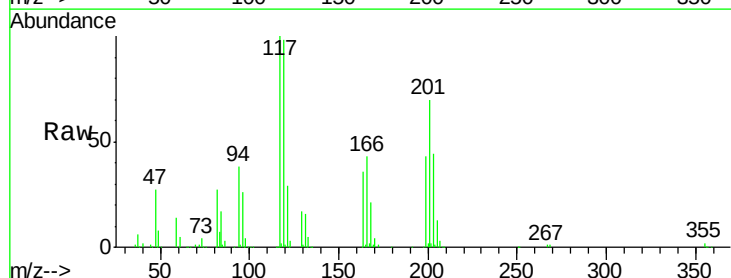
Manual Integrations
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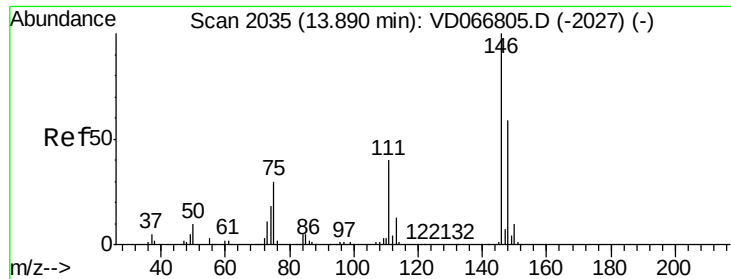
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#90
Hexachloroethane
Concen: 49.373 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.3	33.7	101.0	





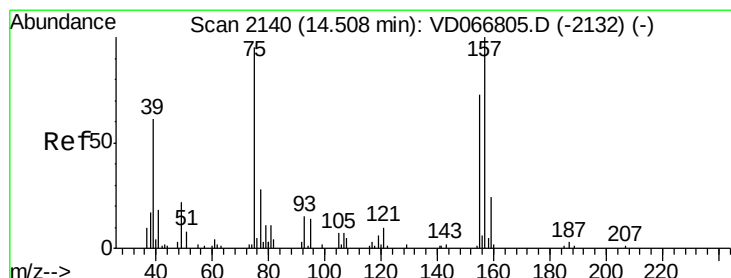
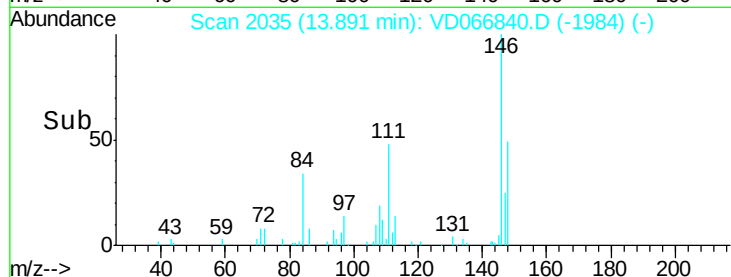
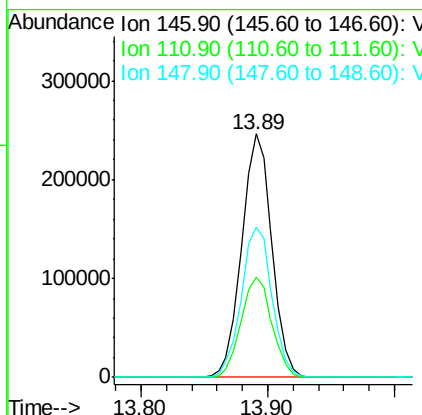
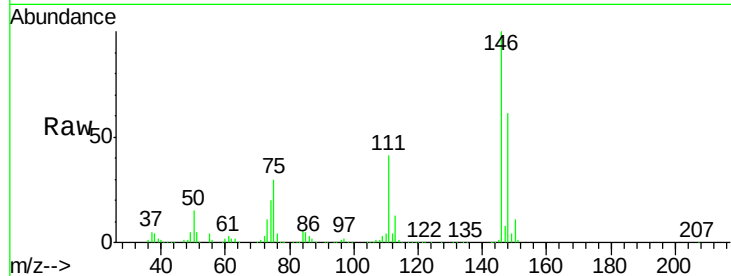
#91
 1,2-Dichlorobenzene
 Concen: 50.218 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.7
148	63.0	31.8	95.3

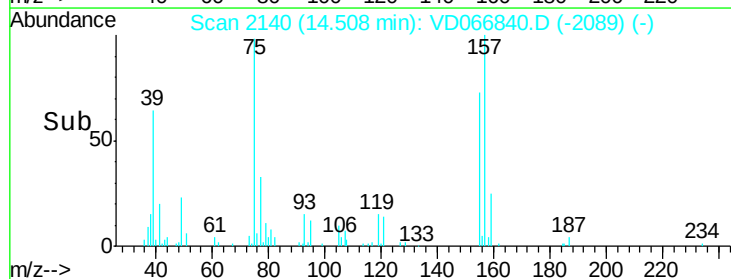
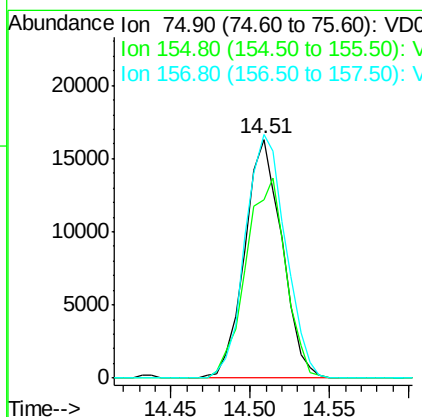
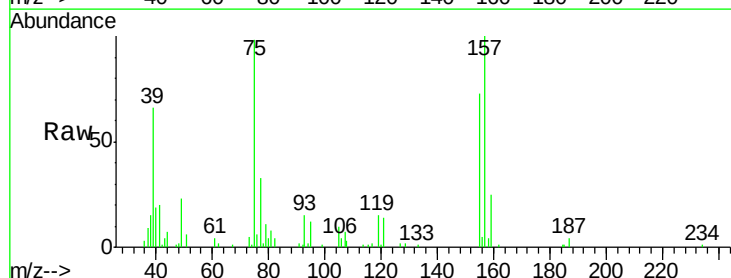
Manual Integrations
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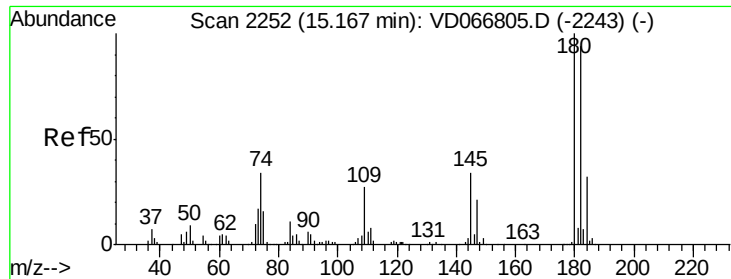
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 9/25/2020 3:59:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.000 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	40.4	121.2
157	110.4	51.3	153.9





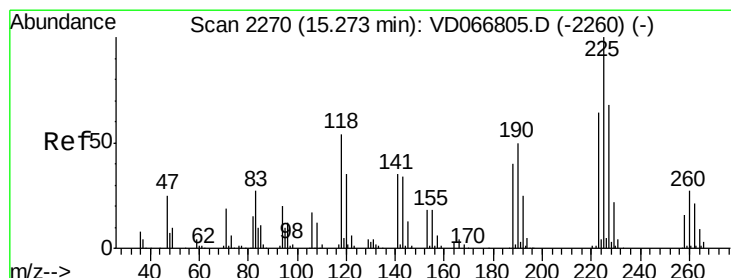
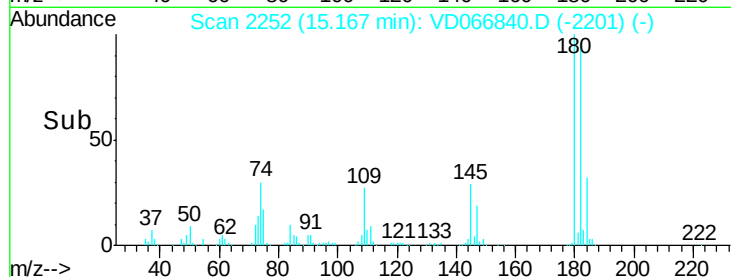
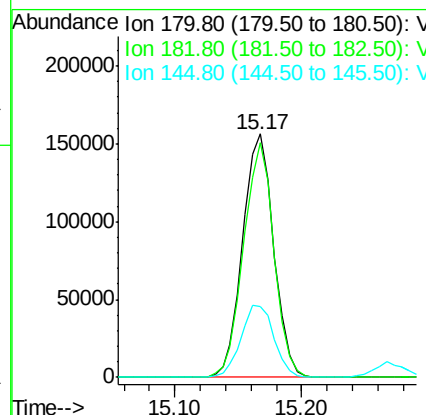
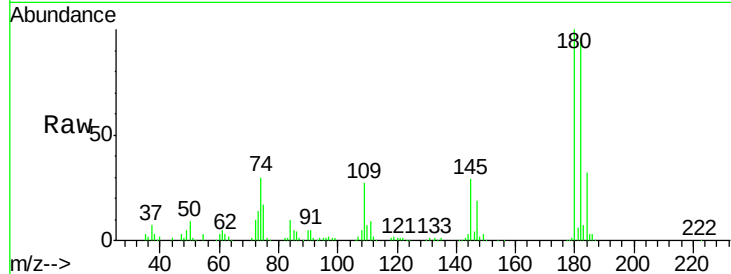
#93
 1,2,4-Trichlorobenzene
 Concen: 52.118 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	264430		
182	94.7	48.8	146.3	
145	31.6	16.7	50.0	

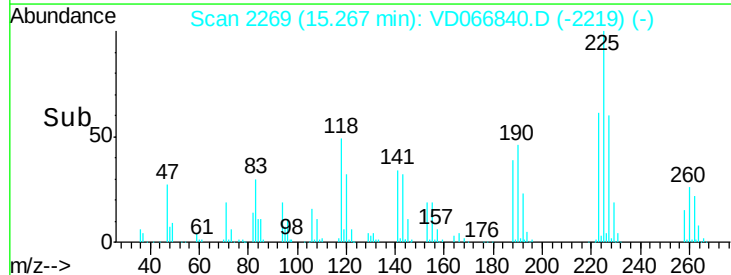
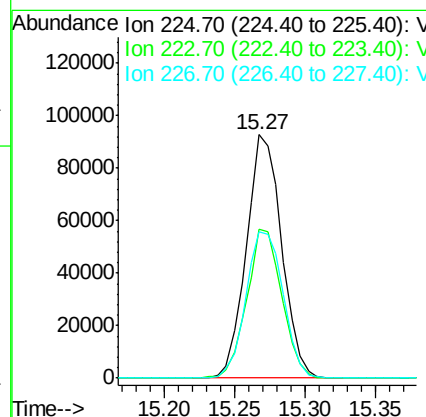
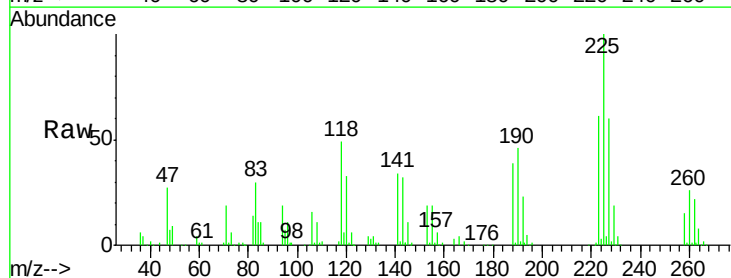
Manual Integrations
 APPROVED

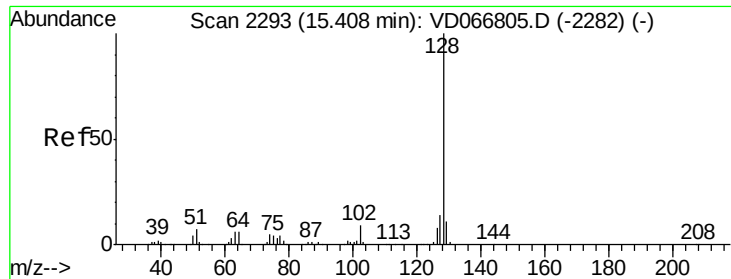
MMDadoda
 9/25/2020 3:59:58 PM



#94
 Hexachlorobutadiene
 Concen: 53.500 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066840.D
 Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162662		
223	60.8	31.1	93.3	
227	63.3	31.7	95.1	





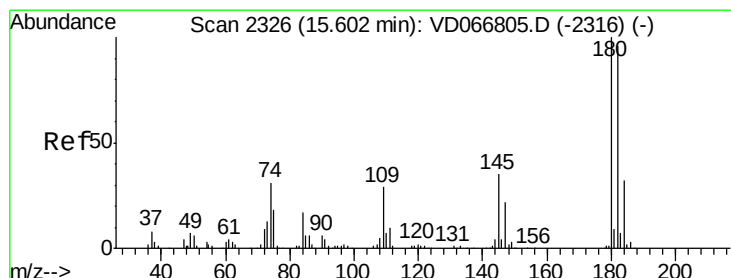
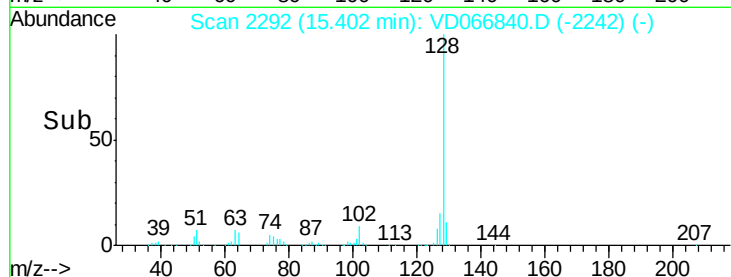
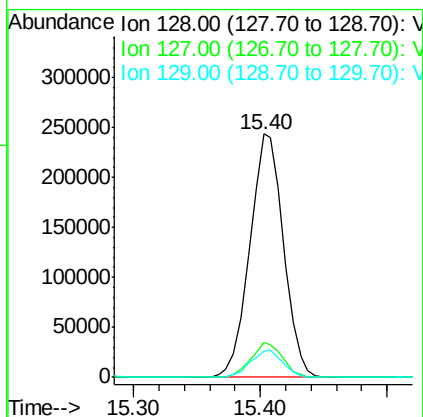
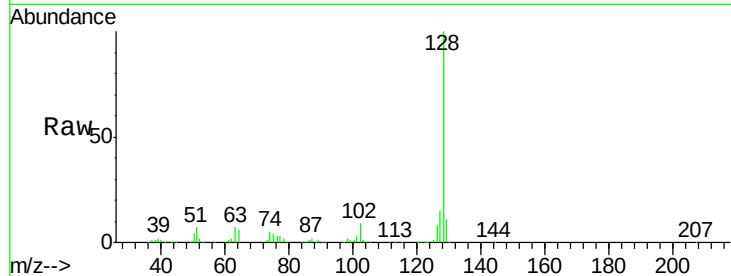
#95
Naphthalene
Concen: 52.201 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	449660		
127	13.5	10.6	16.0	
129	10.5	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
9/25/2020 3:59:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.436 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066840.D
Acq: 24 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	225247		
182	95.5	46.8	140.3	
145	32.9	17.0	51.0	

