

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066966.D
 Acq On : 30 Sep 2020 10:39
 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
 10/1/2020 2:41:45 PM

Quant Time: Oct 01 01:00:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	422530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	630687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	564045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	167050	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
35) Dibromofluoromethane	7.91	113	181695	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.34	98	646404	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.63	95	226816	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	136814	45.967	ug/l	91
3) Chloromethane	2.21	50	139859	36.026	ug/l	97
4) Vinyl Chloride	2.35	62	150952	39.358	ug/l	95
5) Bromomethane	2.77	94	116887	43.360	ug/l	96
6) Chloroethane	2.93	64	96686	40.595	ug/l	96
7) Trichlorofluoromethane	3.28	101	352988	44.814	ug/l	97
8) Diethyl Ether	3.71	74	88760	44.387	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	208939	45.746	ug/l	99
10) Methyl Iodide	4.30	142	183904	45.629	ug/l	95
11) Tert butyl alcohol	5.21	59	56591	220.960	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	190891	46.137	ug/l	98
13) Acrolein	3.92	56	71479	234.297	ug/l	94
14) Allyl chloride	4.71	41	271065	44.616	ug/l	96
15) Acrylonitrile	5.43	53	191754	216.383	ug/l	99
16) Acetone	4.16	43	156331	178.197	ug/l	98
17) Carbon Disulfide	4.41	76	528139	41.752	ug/l	99
18) Methyl Acetate	4.72	43	85831	43.367	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	415074	46.195	ug/l	99
20) Methylene Chloride	4.96	84	227942	47.898	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	219622	45.843	ug/l	93
22) Diisopropyl ether	6.36	45	562432	45.023	ug/l	99
23) Vinyl Acetate	6.31	43	1458850	215.471	ug/l	100
24) 1,1-Dichloroethane	6.27	63	375906	44.981	ug/l	97
25) 2-Butanone	7.21	43	212602	201.658	ug/l	98
26) 2,2-Dichloropropane	7.21	77	348322	45.475	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	245450	47.154	ug/l	98
28) Bromochloromethane	7.54	49	163905	47.475	ug/l #	93
29) Tetrahydrofuran	7.56	42	145232	214.991	ug/l	95
30) Chloroform	7.71	83	401408	44.560	ug/l	96
31) Cyclohexane	7.98	56	321857	42.803	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	373586	45.844	ug/l	99
36) 1,1-Dichloropropene	8.11	75	310675	49.653	ug/l	98
37) Ethyl Acetate	7.29	43	106281	46.987	ug/l #	95
38) Carbon Tetrachloride	8.10	117	344480	50.358	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	378434	52.678	ug/l	100
40) Benzene	8.35	78	855709	49.072	ug/l	98
41) Methacrylonitrile	7.54	41	71776m	51.600	ug/l	
42) 1,2-Dichloroethane	8.43	62	237405	46.052	ug/l	99
43) Isopropyl Acetate	8.45	43	199732	45.801	ug/l	100
44) Trichloroethene	9.11	130	253843	51.071	ug/l	91
45) 1,2-Dichloropropane	9.38	63	204989	46.722	ug/l	97
46) Dibromomethane	9.47	93	115104	48.286	ug/l	93
47) Bromodichloromethane	9.66	83	307835	48.072	ug/l	99
48) Methyl methacrylate	9.46	41	93428	43.453	ug/l	96
49) 1,4-Dioxane	9.46	88	26100	961.484	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	520936	235.751	ug/l	99
52) Toluene	10.40	92	578525	51.505	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	274966	50.449	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	334961	50.402	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	160805	49.070	ug/l	95
56) Ethyl methacrylate	10.66	69	181309	51.646	ug/l	95
57) 1,3-Dichloropropane	10.94	76	270059	49.908	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	376901	226.741	ug/l	95
59) 2-Hexanone	10.98	43	349157	234.309	ug/l	97
60) Dibromochloromethane	11.14	129	215266	50.332	ug/l	98
61) 1,2-Dibromoethane	11.24	107	153192	50.259	ug/l	99
64) Tetrachloroethene	10.87	164	210893	51.979	ug/l	98
65) Chlorobenzene	11.67	112	608783	51.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	232460	52.312	ug/l	99
67) Ethyl Benzene	11.74	91	1092314	52.971	ug/l	97
68) m/p-Xylenes	11.86	106	859955	110.148	ug/l	96
69) o-Xylene	12.18	106	380370	53.880	ug/l	100
70) Styrene	12.20	104	662325	54.024	ug/l	100
71) Bromoform	12.36	173	118321	52.589	ug/l #	97
73) Isopropylbenzene	12.48	105	1080013	54.537	ug/l	99
74) N-amyl acetate	12.29	43	181609	46.960	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	163250	47.773	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	103833m	45.705	ug/l	
77) Bromobenzene	12.76	156	241326	52.104	ug/l	94
78) n-propylbenzene	12.82	91	1266312	53.152	ug/l	98
79) 2-Chlorotoluene	12.91	91	698945	51.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	895477	53.291	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	51056	56.227	ug/l	94
82) 4-Chlorotoluene	13.01	91	728801	50.924	ug/l	98
83) tert-Butylbenzene	13.23	119	752216	54.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	888995	53.353	ug/l	98
85) sec-Butylbenzene	13.41	105	1084390	54.613	ug/l	99
86) p-Isopropyltoluene	13.52	119	988314	55.220	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	469064	51.262	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	464937	51.158	ug/l	99
89) n-Butylbenzene	13.85	91	920104	54.087	ug/l	99
90) Hexachloroethane	14.11	117	187225	51.526	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	404259	51.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25265	45.961	ug/l	91

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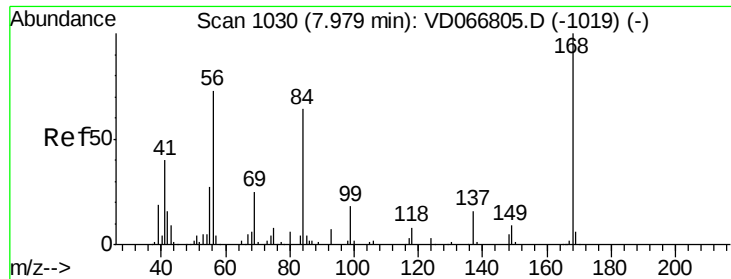
Manual Integrations
APPROVED

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10/1/2020 2:41:45 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	275476	55.898	ug/l	96
94) Hexachlorobutadiene	15.28	225	167463	56.706	ug/l	98
95) Naphthalene	15.41	128	451543	53.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	226514	53.253	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 422530

Ion Ratio Lower Upper

168 100

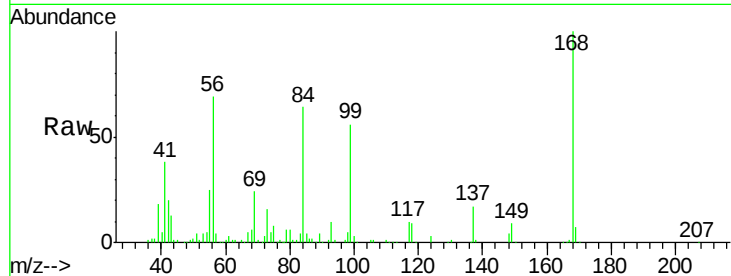
99 55.2 46.6 69.8

Manual Integrations

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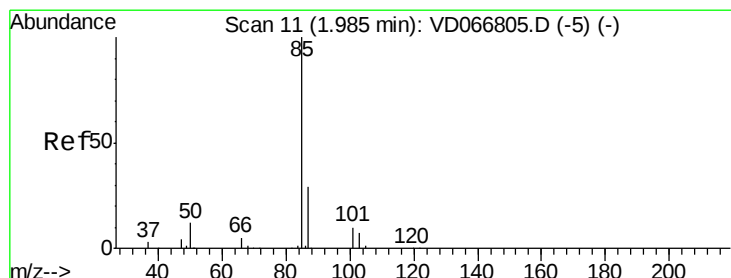
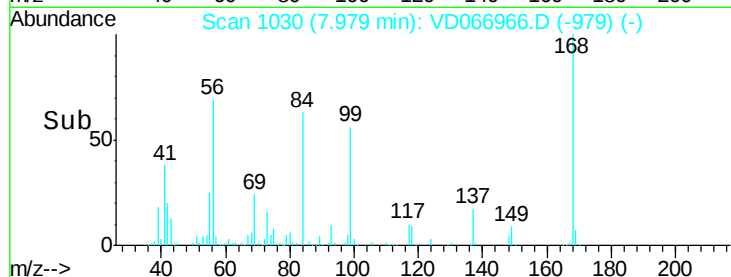
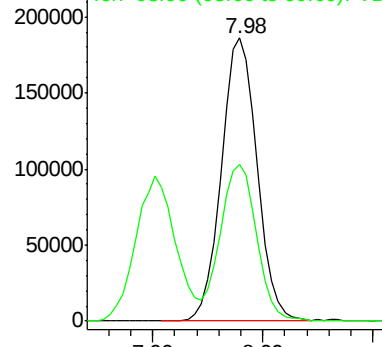
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.967 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066966.D

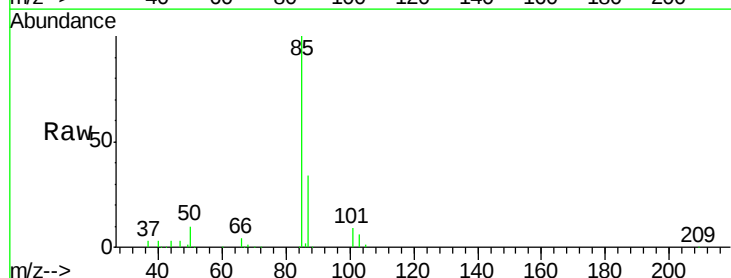
Acq: 30 Sep 2020 10:39

Tgt Ion: 85 Resp: 136814

Ion Ratio Lower Upper

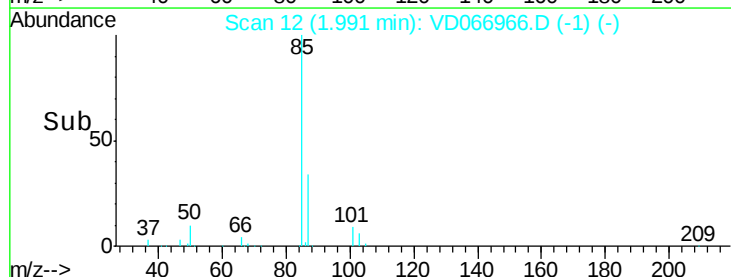
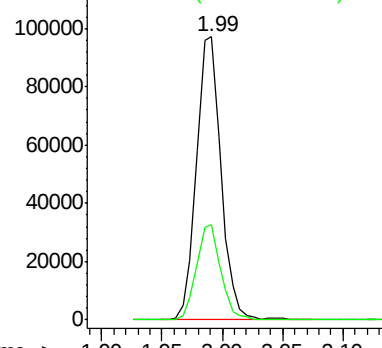
85 100

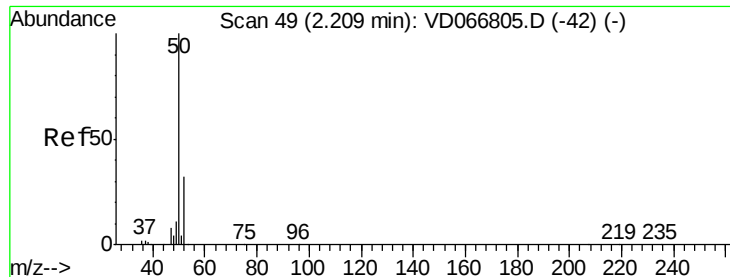
87 33.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 36.026 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 139859

Ion Ratio Lower Upper

50 100

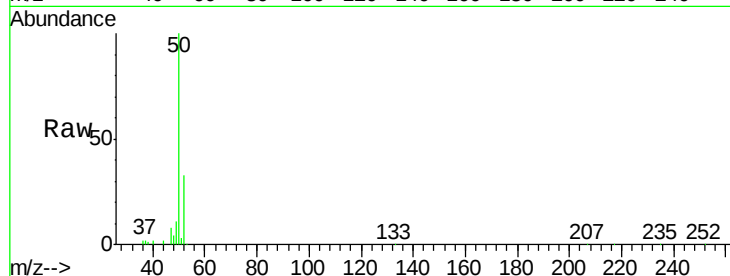
52 33.4 25.5 38.3

Manual Integrations

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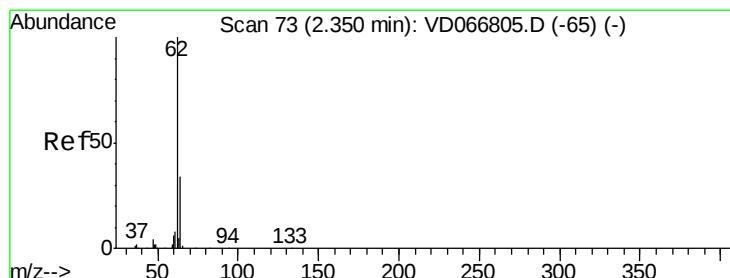
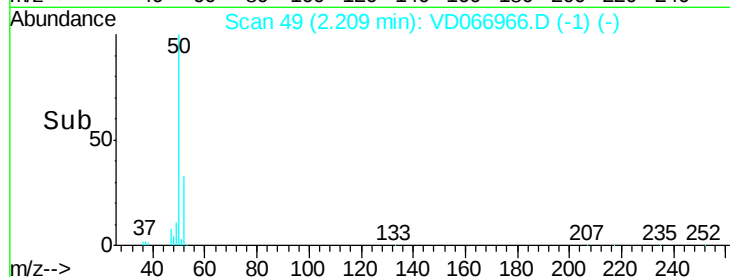
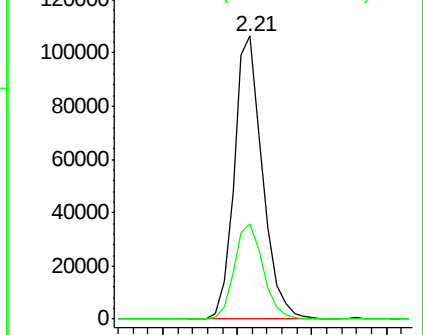
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 39.358 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066966.D

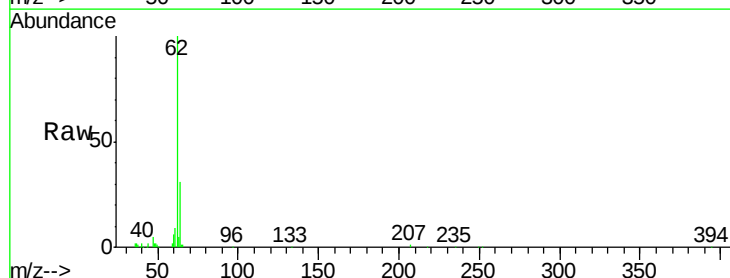
Acq: 30 Sep 2020 10:39

Tgt Ion: 62 Resp: 150952

Ion Ratio Lower Upper

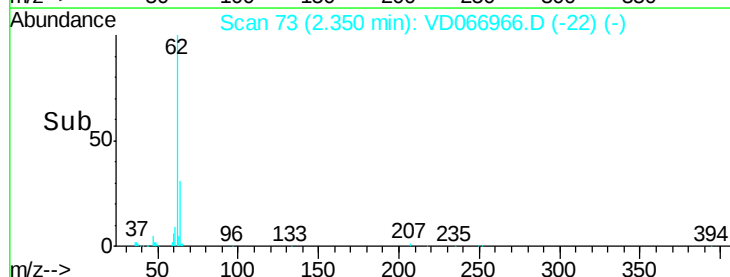
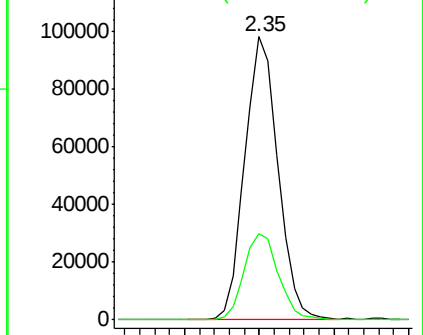
62 100

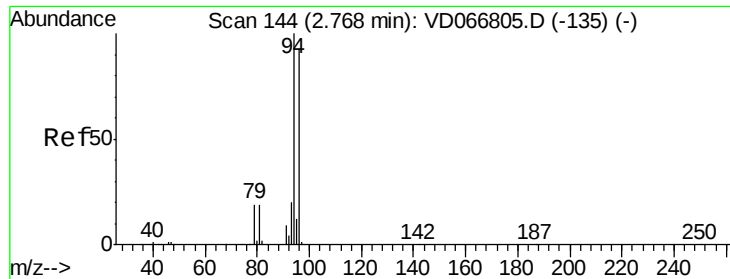
64 30.6 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 43.360 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 116887

Ion Ratio Lower Upper

94 100

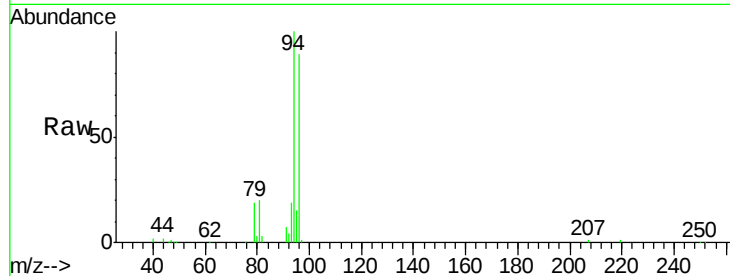
96 89.3 74.3 111.5

Manual Integrations

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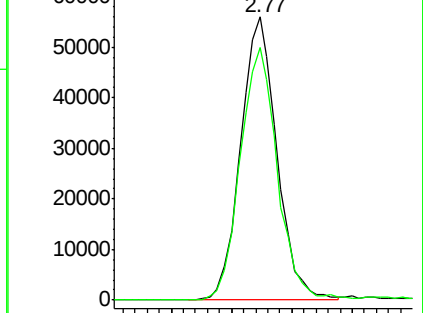
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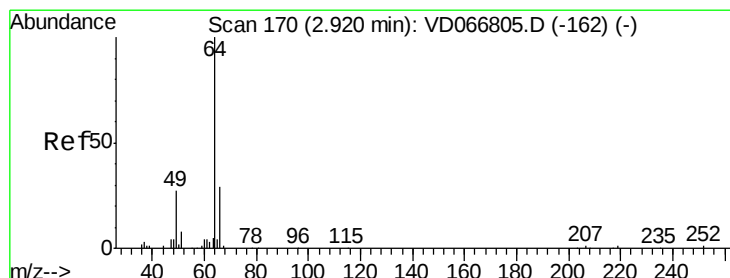
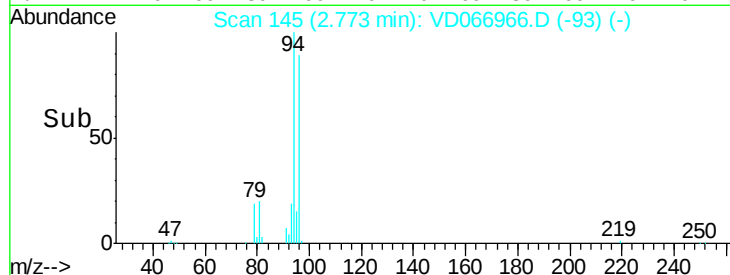


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 40.595 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066966.D

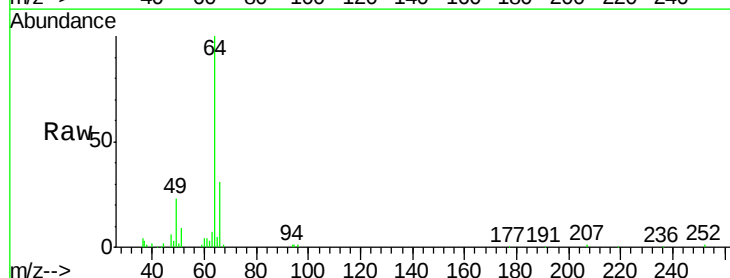
Acq: 30 Sep 2020 10:39

Tgt Ion: 64 Resp: 96686

Ion Ratio Lower Upper

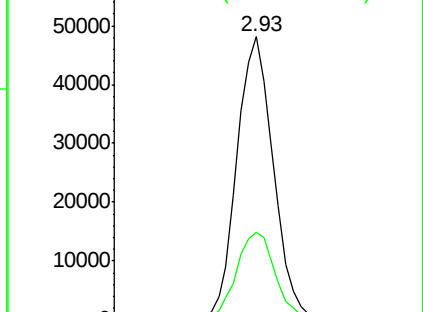
64 100

66 31.0 23.3 34.9

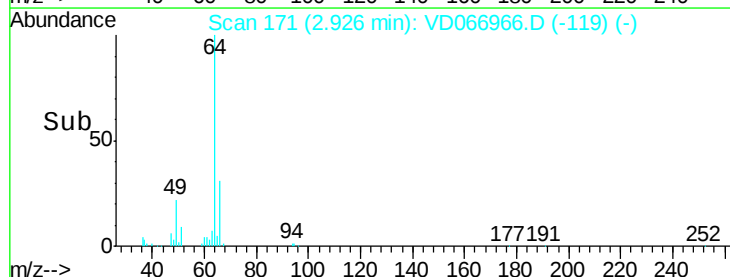


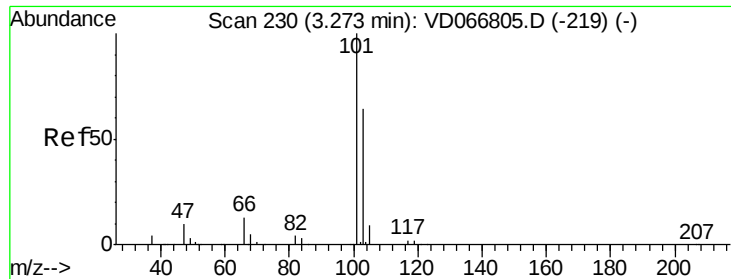
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

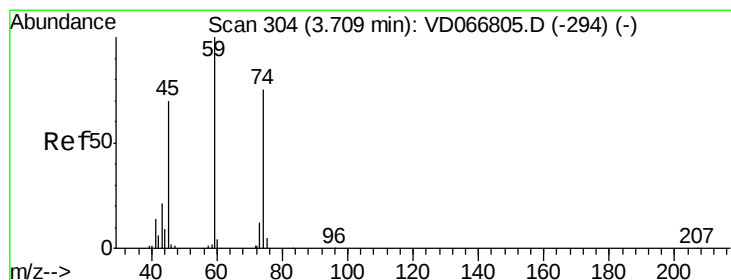
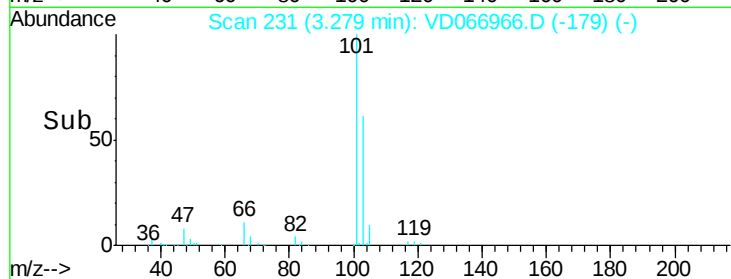
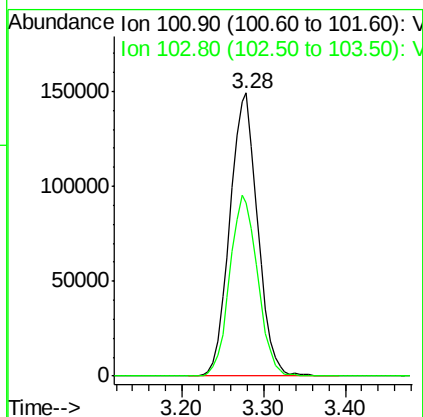
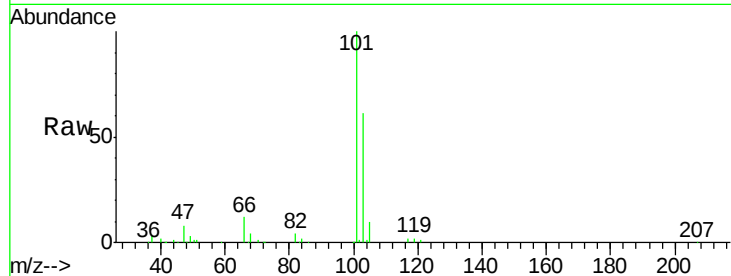
Trichlorofluoromethane
 Concen: 44.814 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	352988		
103	61.3	51.0	76.6	

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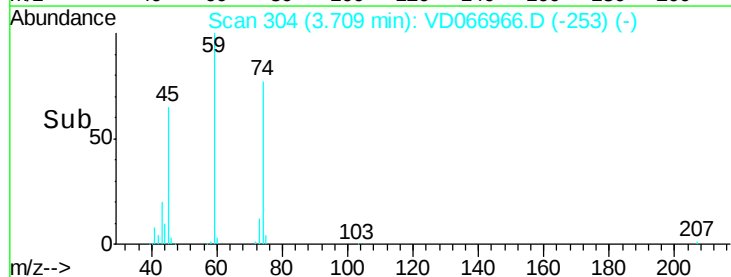
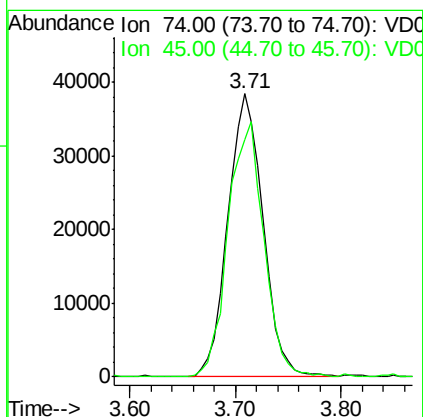
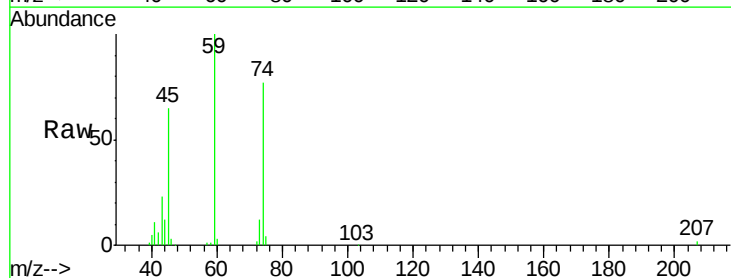
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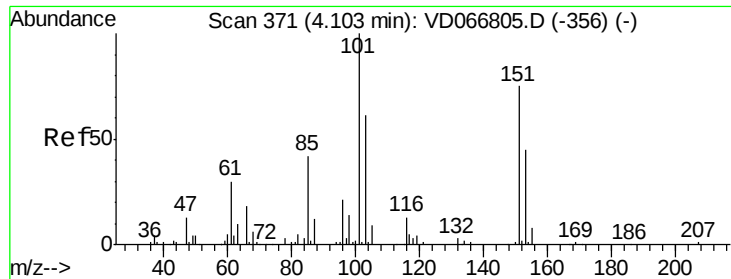


#8

Diethyl Ether
 Concen: 44.387 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	88760		
45	91.6	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.746 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

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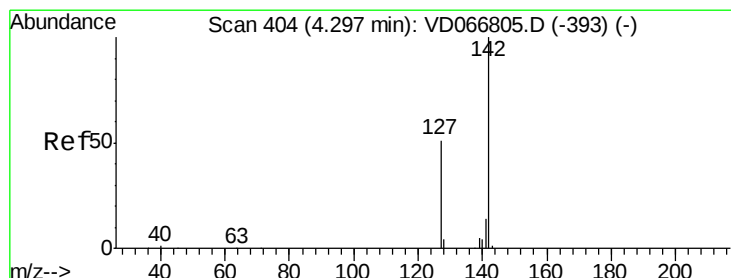
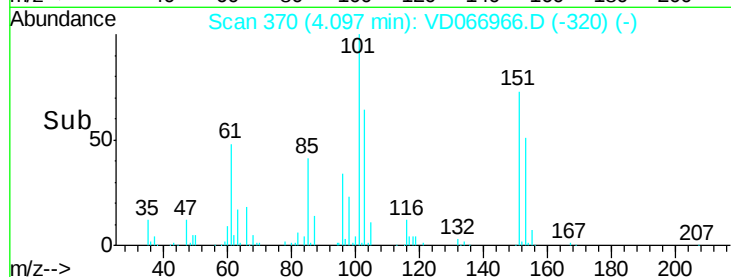
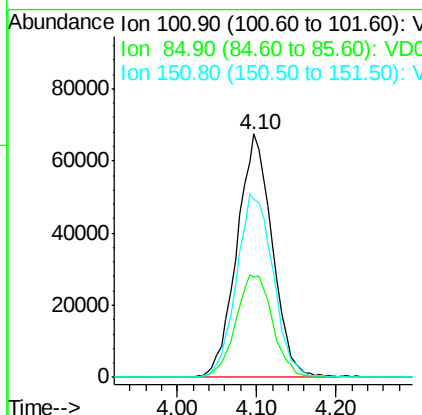
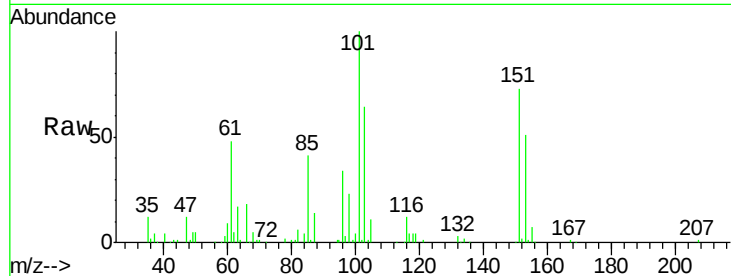
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	208939
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.4	53.2
151	78.1	61.4	92.0

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#10

Methyl Iodide

Concen: 45.629 ug/l

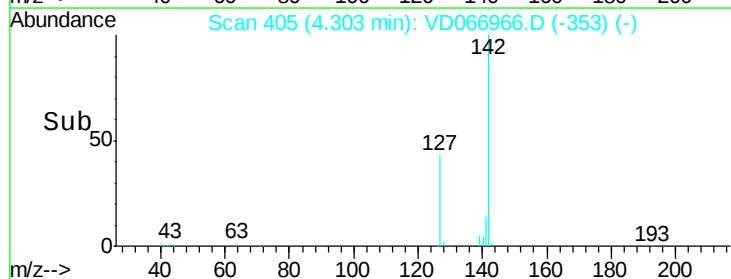
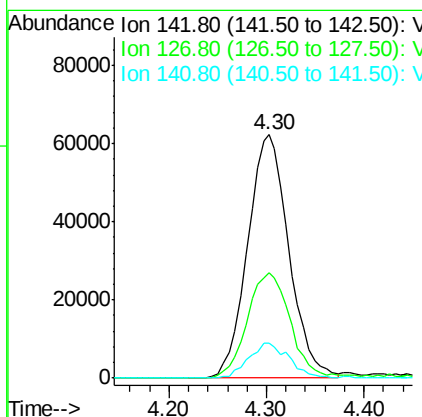
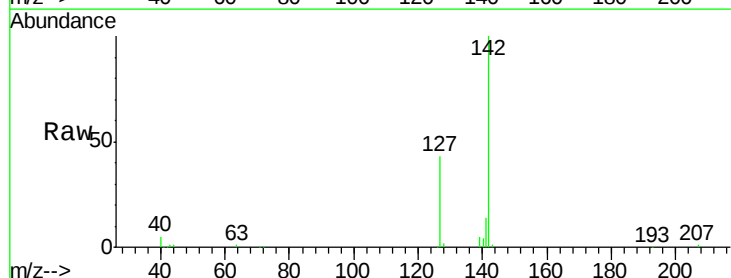
RT: 4.30 min Scan# 405

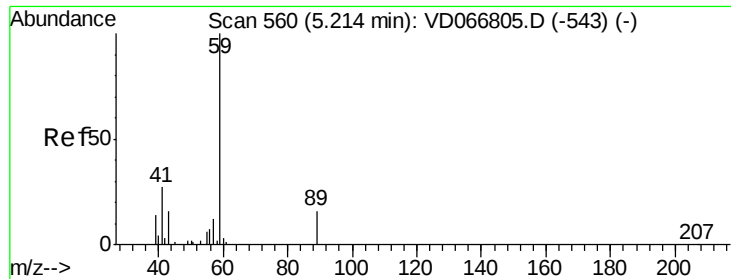
Delta R.T. 0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	142	Resp:	183904
Ion Ratio	Lower	Upper	
142	100		
127	45.7	39.4	59.0
141	14.0	12.1	18.1





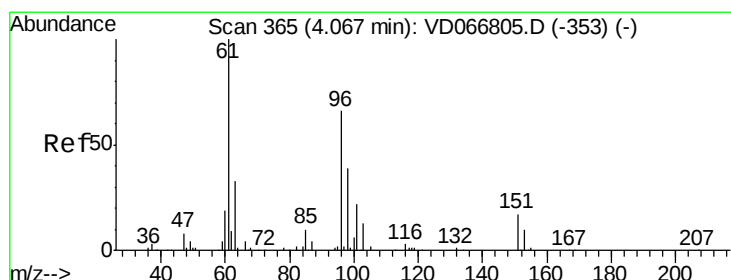
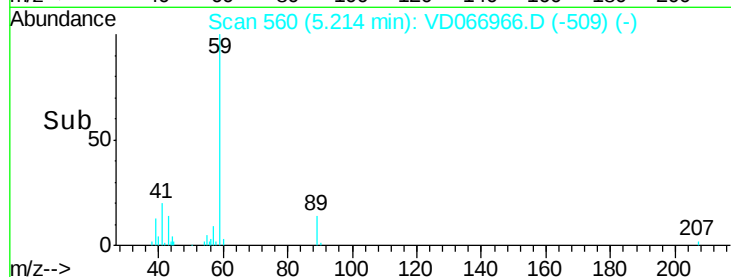
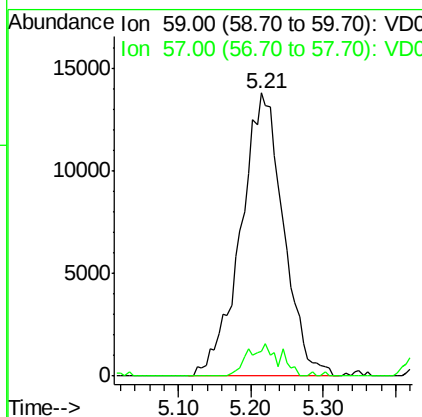
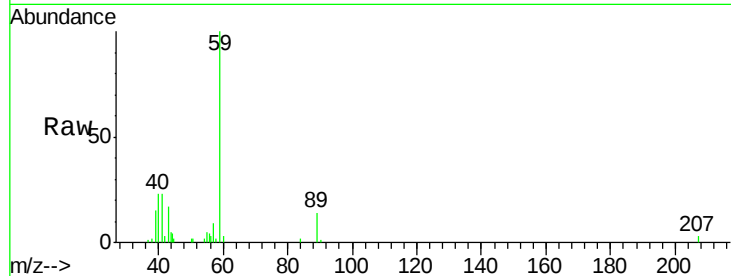
#11
Tert butyl alcohol
Concen: 220.960 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	56591		
57	0.0	8.3	12.5#	

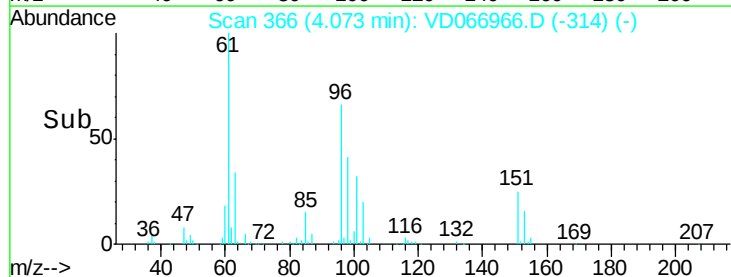
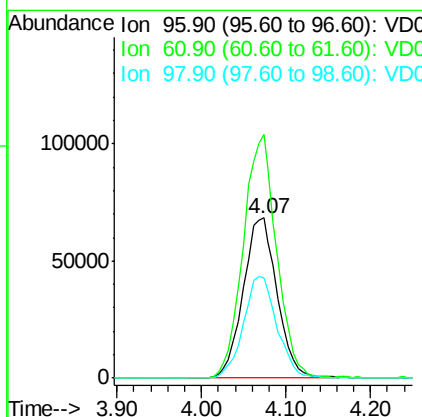
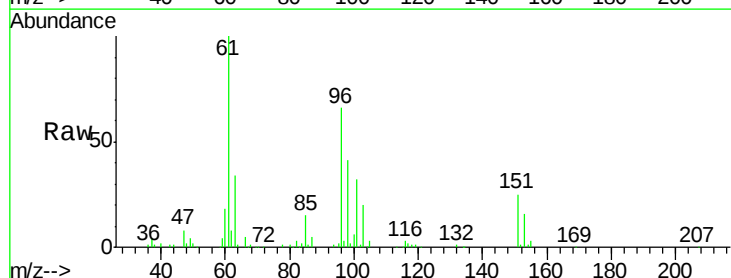
Manual Integrations
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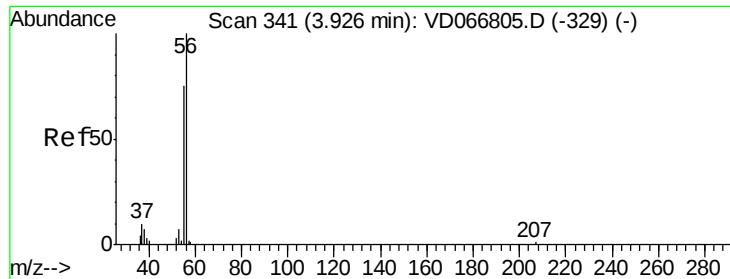
MMDadoda
10/1/2020 2:41:45 PM



#12
1,1-Dichloroethene
Concen: 46.137 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	190891		
61	151.9	120.8	181.2	
98	62.6	47.7	71.5	





#13

Acrolein

Concen: 234.297 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 71479

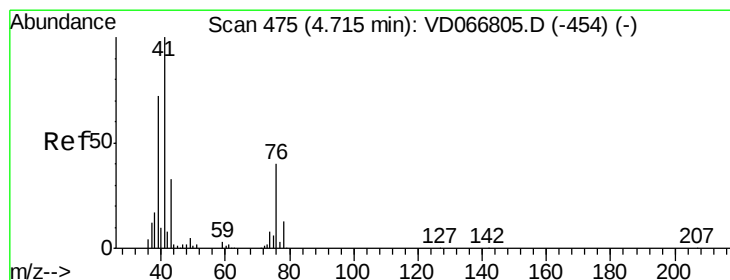
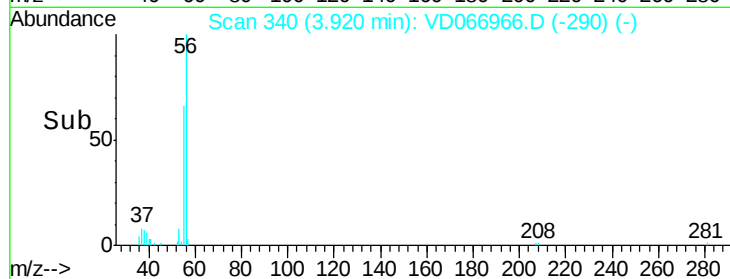
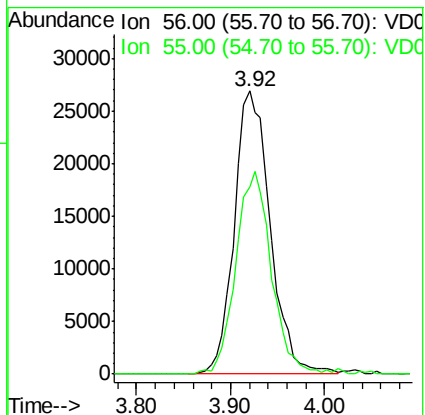
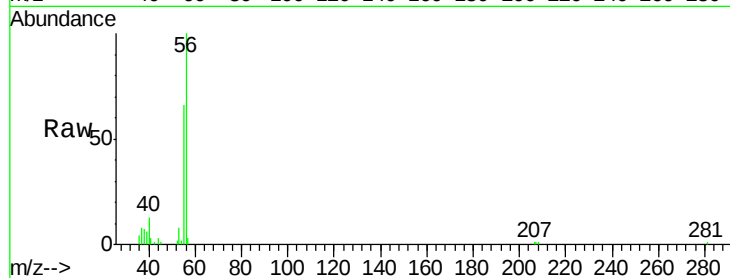
Ion Ratio Lower Upper

56 100

55 70.3 60.3 90.5

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#14

Allyl chloride

Concen: 44.616 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

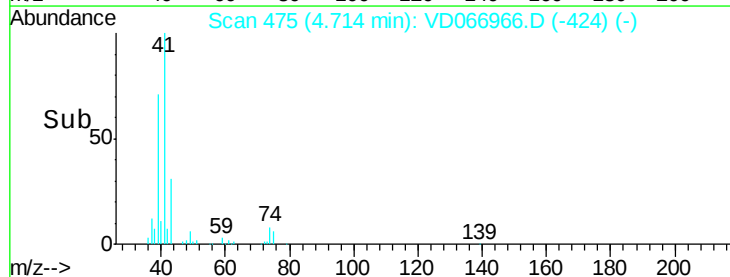
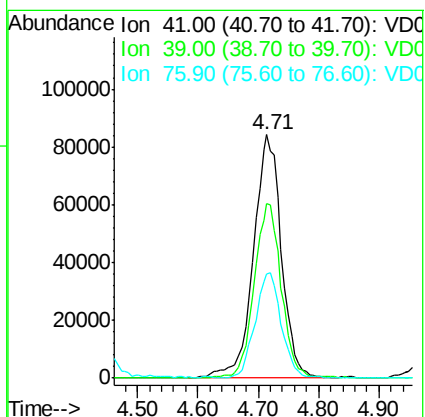
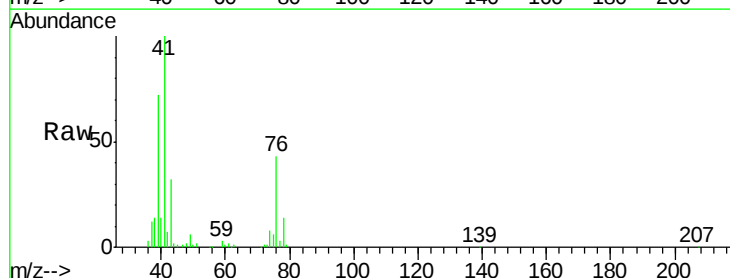
Tgt Ion: 41 Resp: 271065

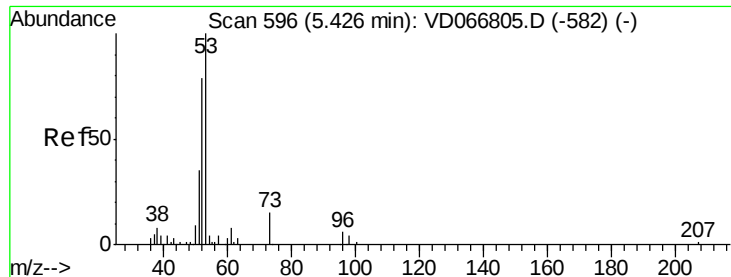
Ion Ratio Lower Upper

41 100

39 69.2 57.8 86.8

76 40.7 30.9 46.3





#15

Acrylonitrile

Concen: 216.383 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

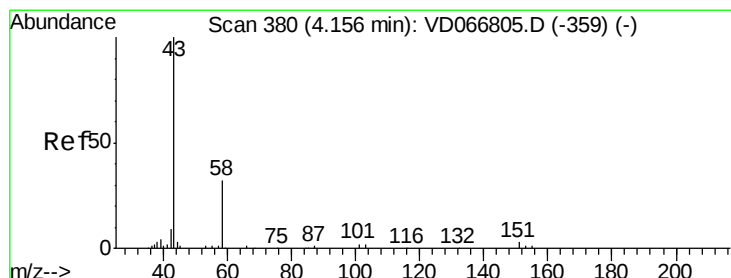
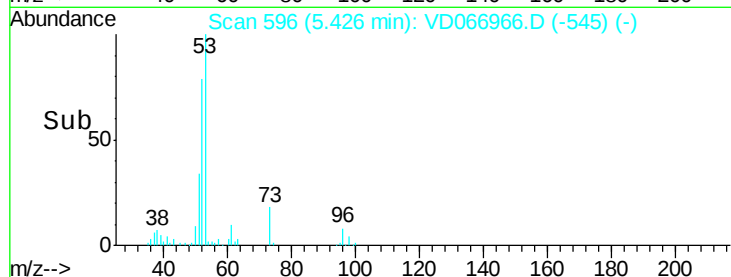
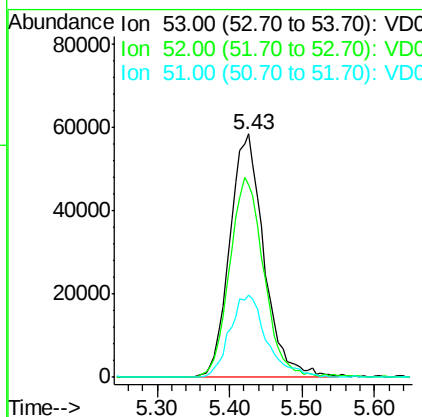
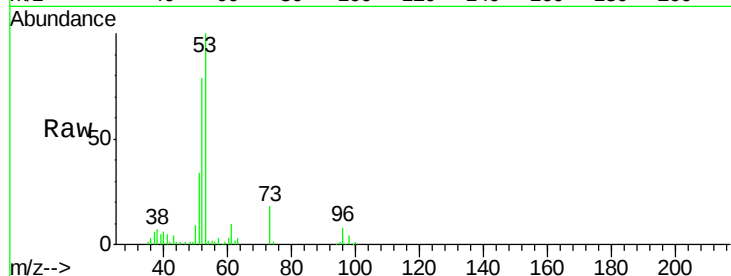
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	191754
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.2	97.8
51	36.5	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 178.197 ug/l

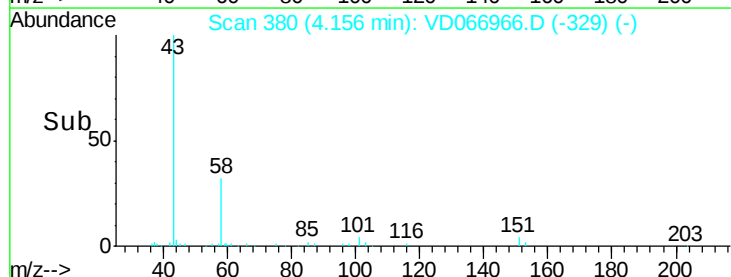
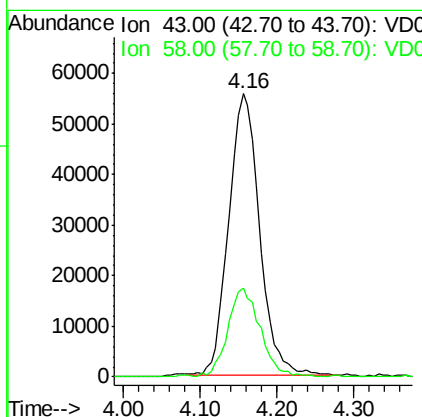
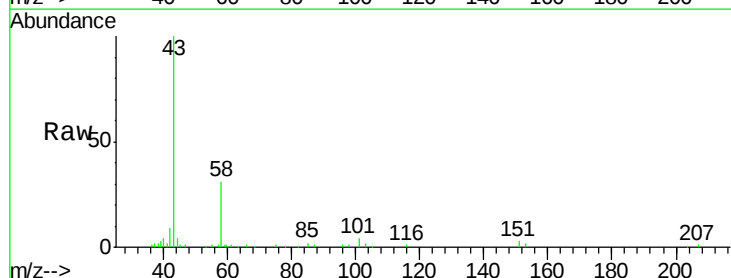
RT: 4.16 min Scan# 380

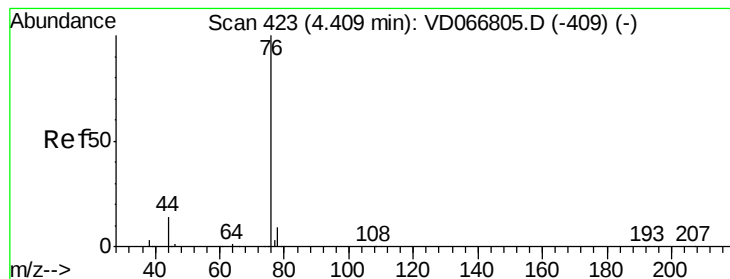
Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	43	Resp:	156331
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.6	38.4





#17

Carbon Disulfide

Concen: 41.752 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 528139

Ion Ratio Lower Upper

76 100

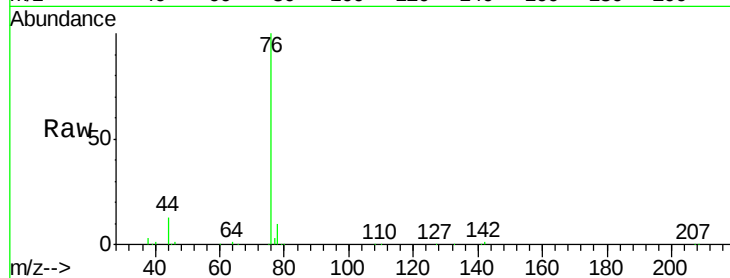
78 9.7 7.6 11.4

Manual Integrations

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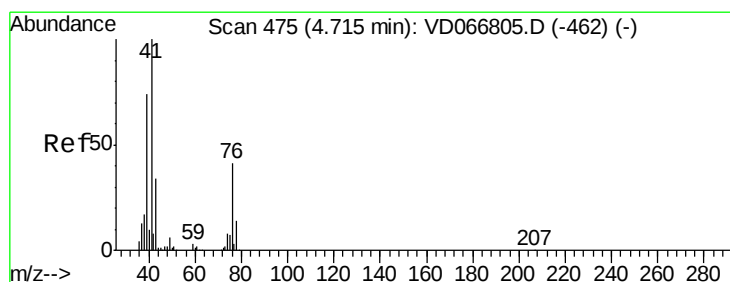
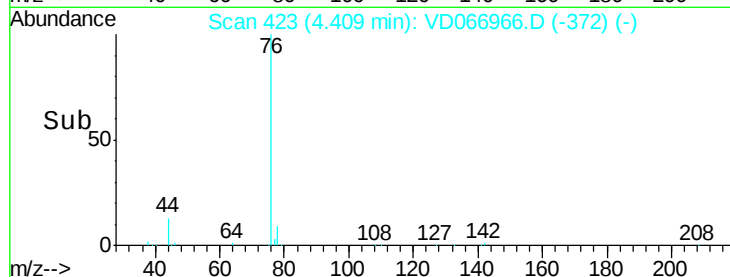
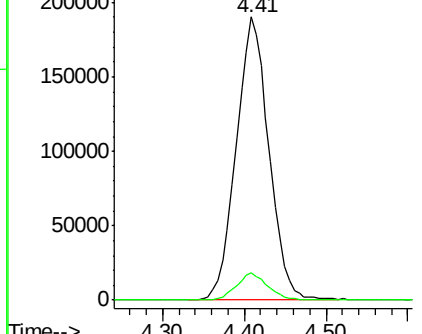
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 43.367 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066966.D

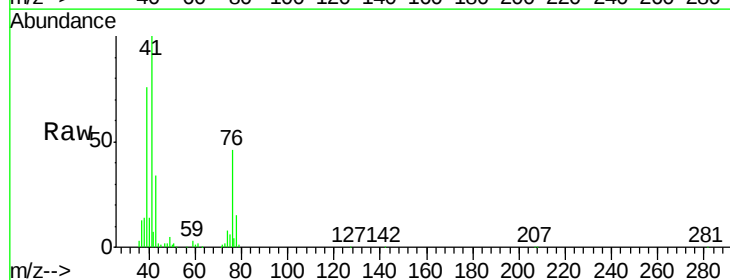
Acq: 30 Sep 2020 10:39

Tgt Ion: 43 Resp: 85831

Ion Ratio Lower Upper

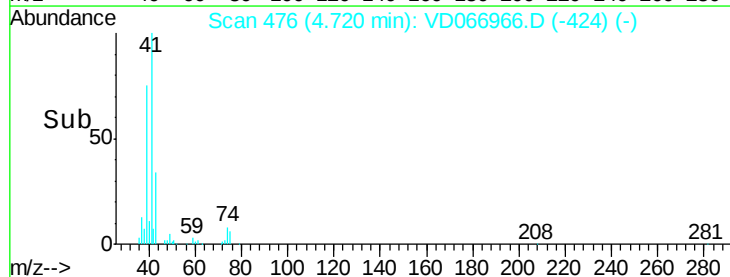
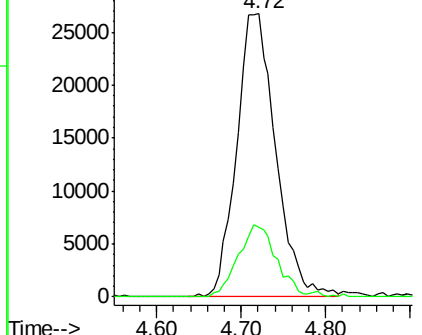
43 100

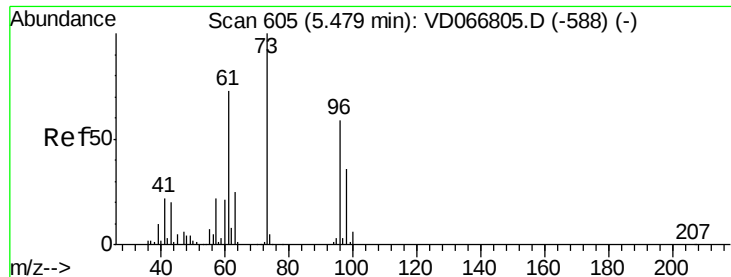
74 25.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





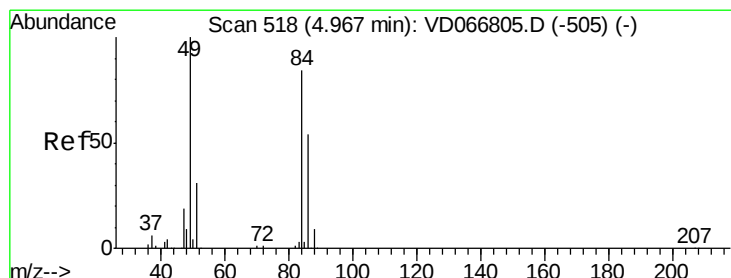
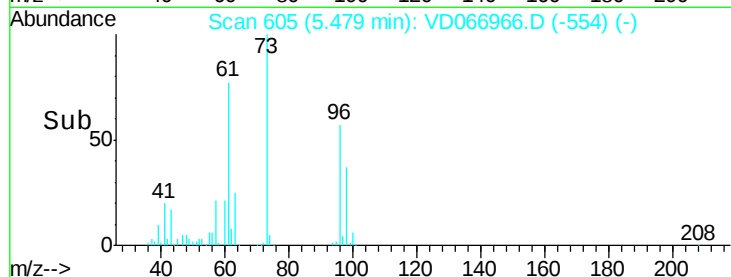
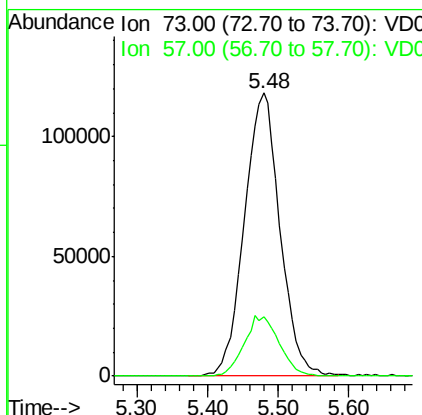
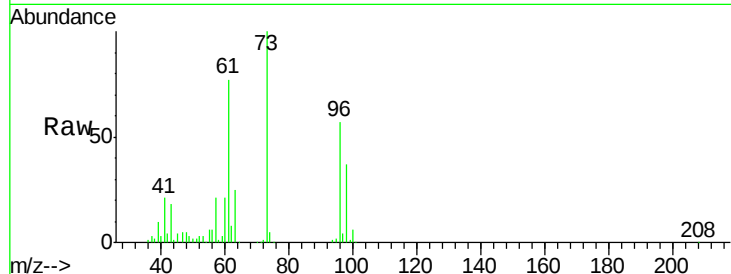
#19
Methyl tert-butyl Ether
Concen: 46.195 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 415074
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

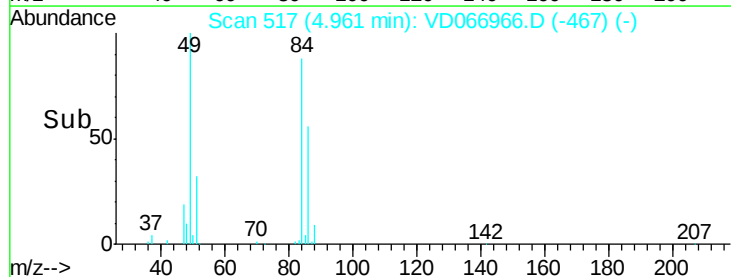
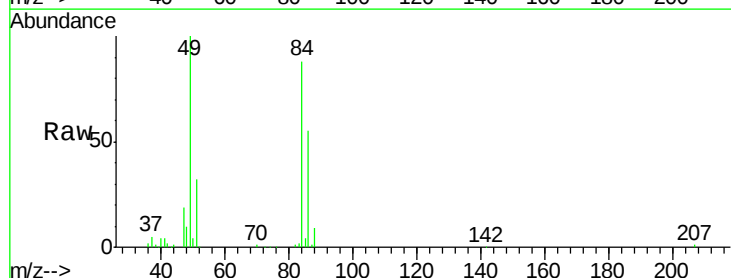
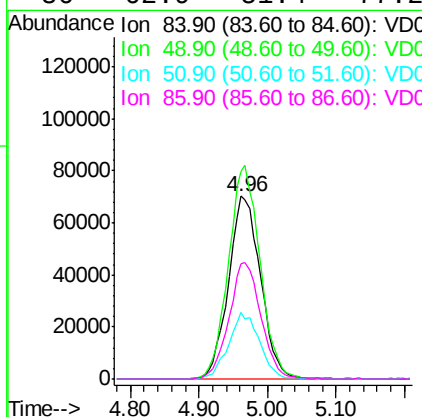
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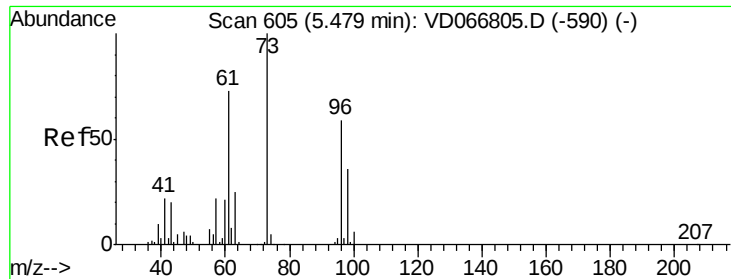
MMDadoda
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#20
Methylene Chloride
Concen: 47.898 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 84 Resp: 227942
Ion Ratio Lower Upper
84 100
49 113.6 95.4 143.2
51 36.5 29.7 44.5
86 62.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.843 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

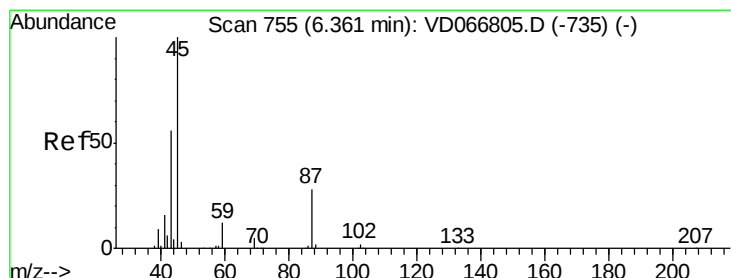
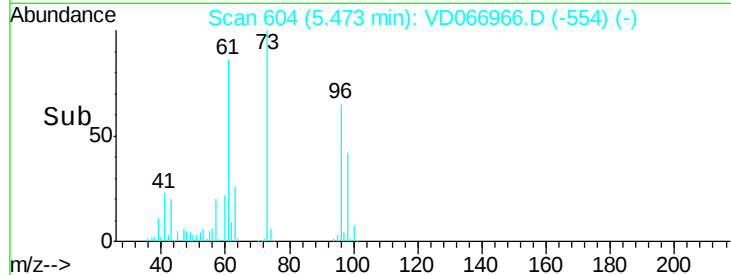
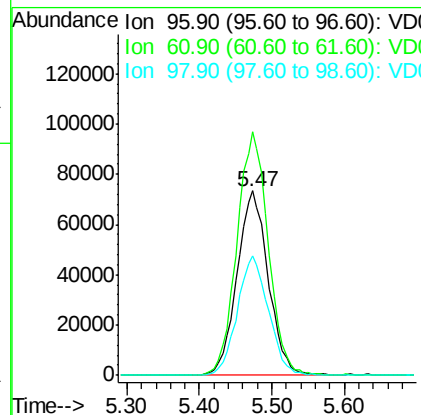
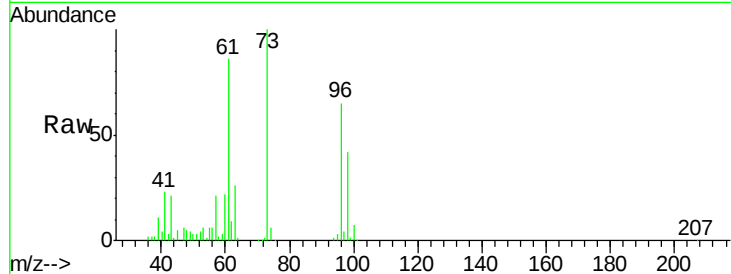
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	219622
Ion	Ratio	Lower	Upper
96	100		
61	132.1	98.9	148.3
98	64.9	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.023 ug/l

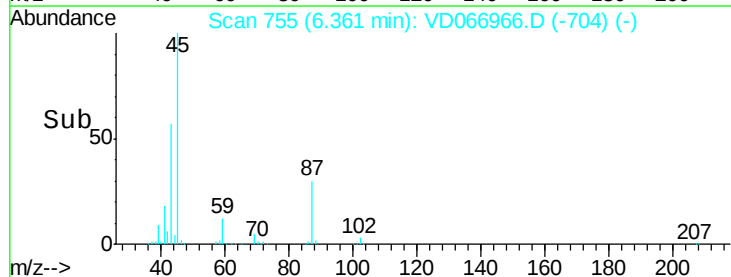
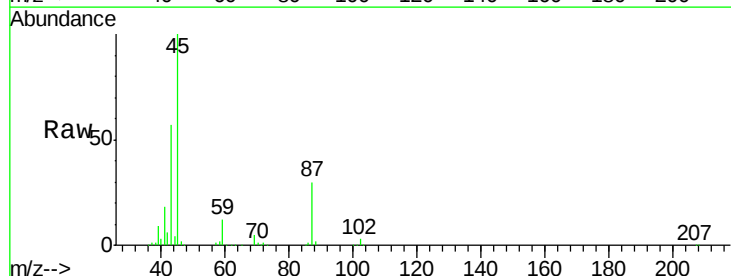
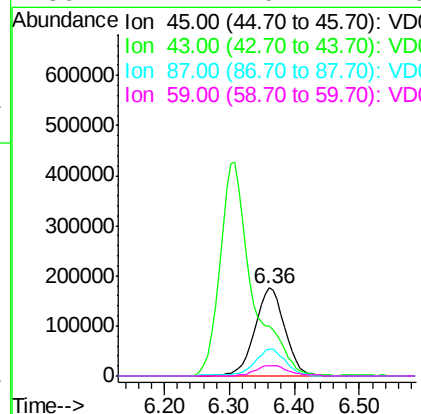
RT: 6.36 min Scan# 755

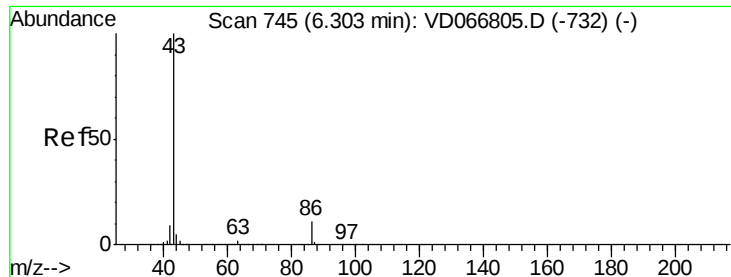
Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	45	Resp:	562432
Ion	Ratio	Lower	Upper
45	100		
43	56.2	44.5	66.7
87	29.9	22.9	34.3
59	12.2	9.4	14.0





#23

Vinyl Acetate

Concen: 215.471 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1458850

Ion Ratio Lower Upper

43 100

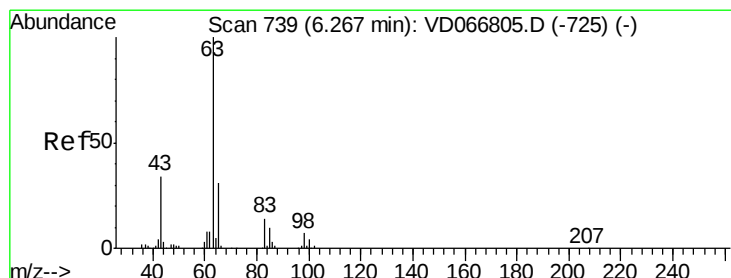
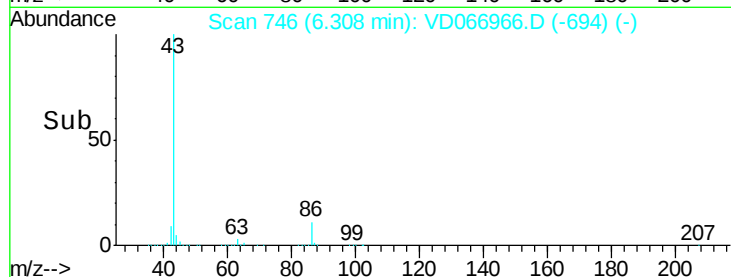
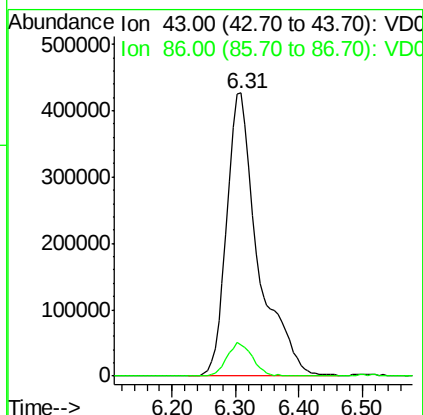
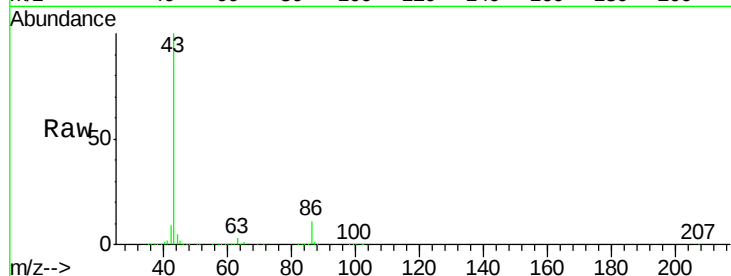
86 11.2 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.981 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

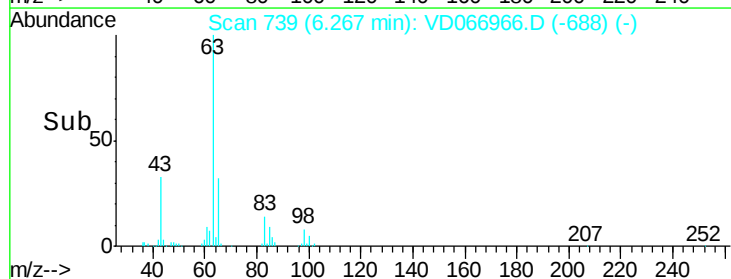
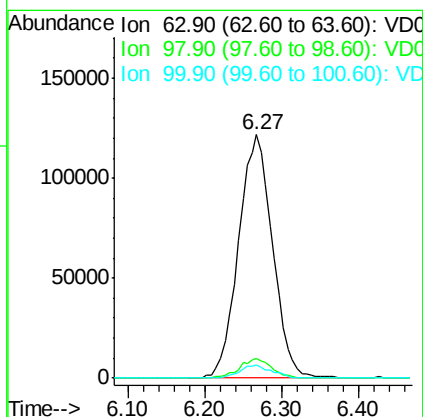
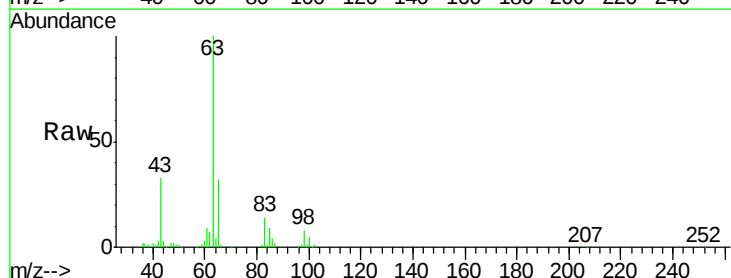
Tgt Ion: 63 Resp: 375906

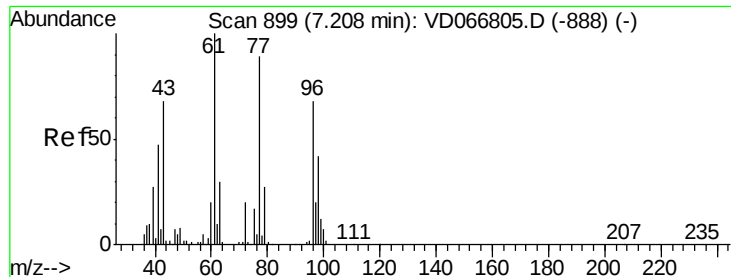
Ion Ratio Lower Upper

63 100

98 8.0 3.7 11.1

100 5.3 1.8 5.5





#25

2-Butanone

Concen: 201.658 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 212602

Ion Ratio Lower Upper

43 100

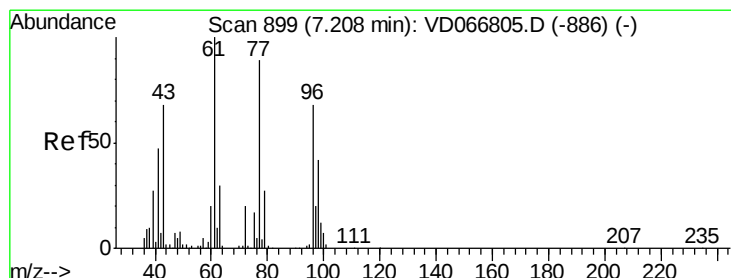
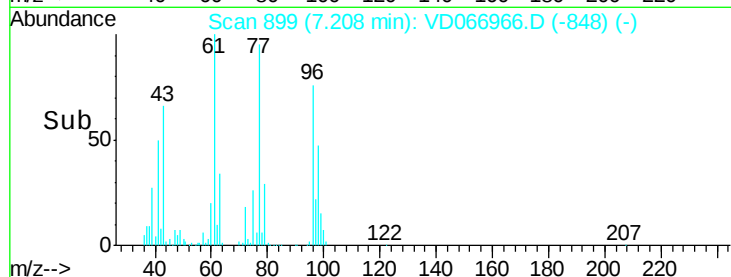
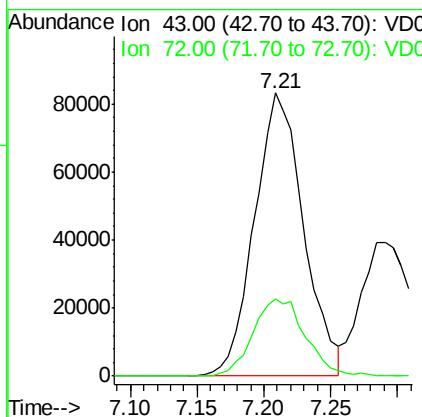
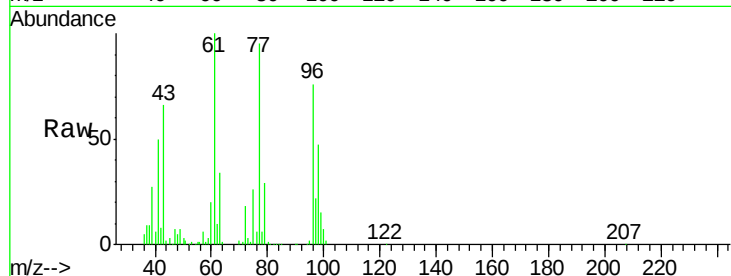
72 27.5 22.9 34.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.475 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066966.D

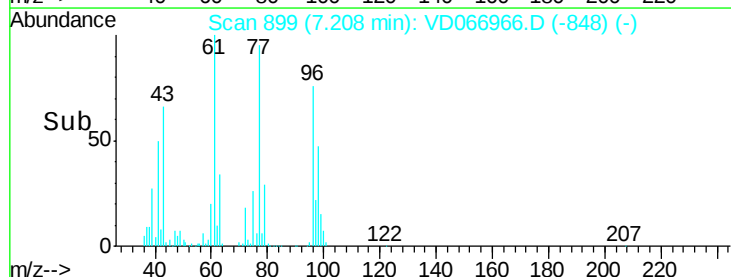
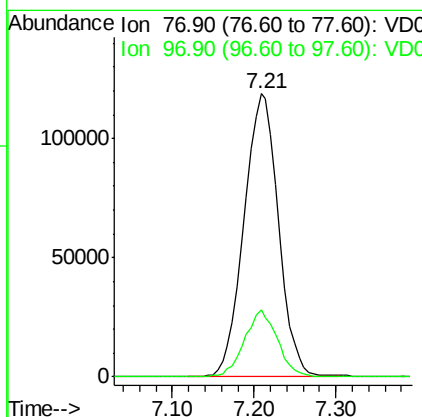
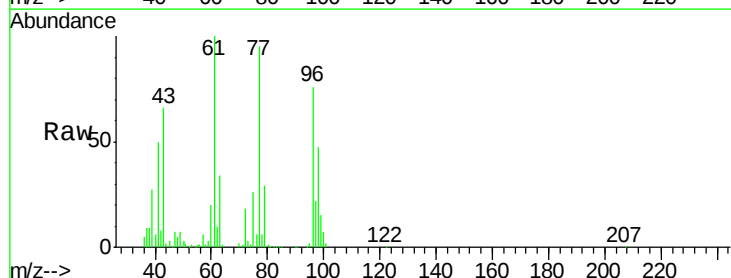
Acq: 30 Sep 2020 10:39

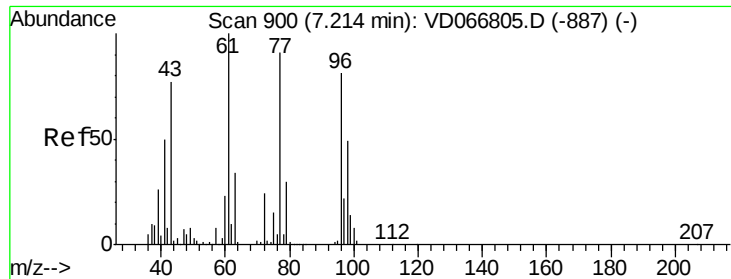
Tgt Ion: 77 Resp: 348322

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.1





#27

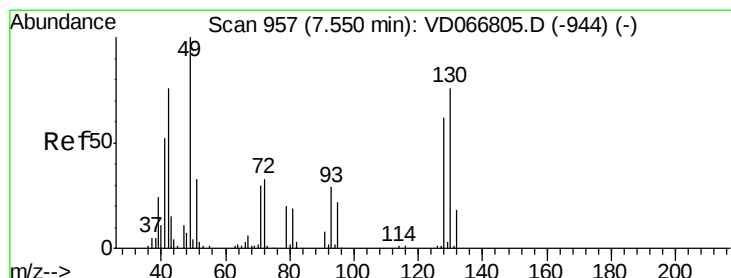
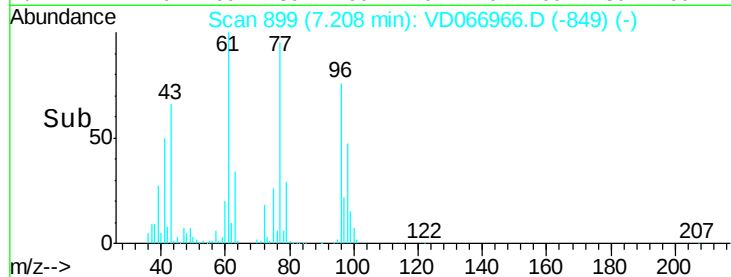
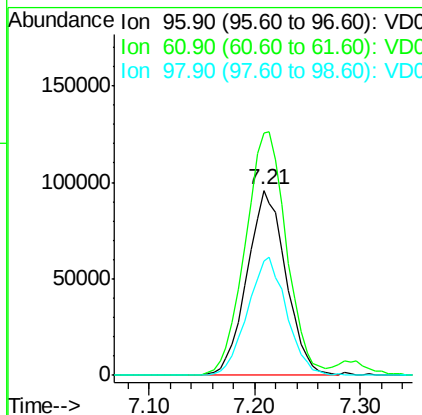
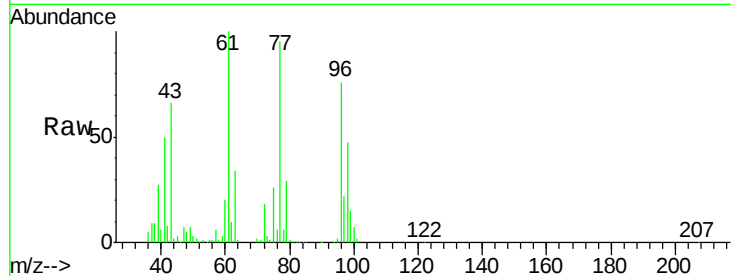
cis-1,2-Dichloroethene
 Concen: 47.154 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	245450		
61	139.0	0.0	283.8	
98	64.3	0.0	128.4	

Manual Integrations
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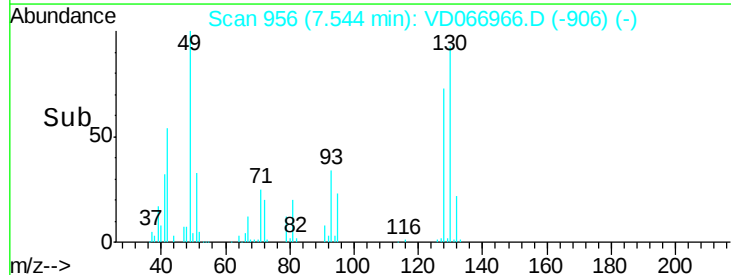
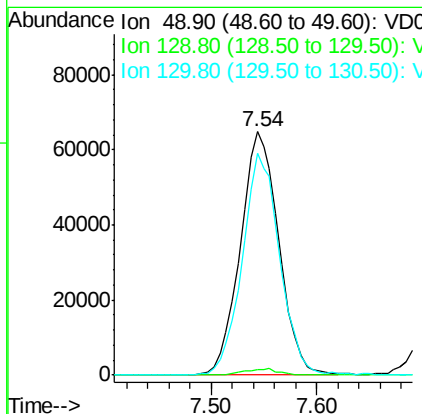
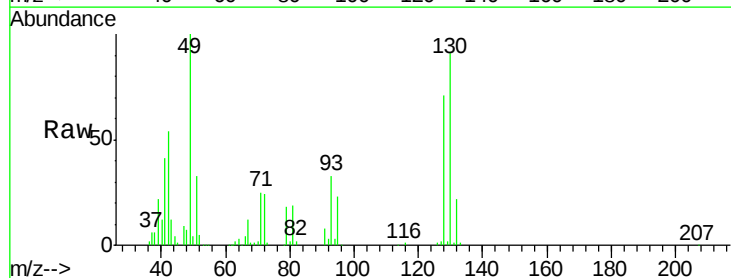
MMDadoda
 10/1/2020 2:41:45 PM

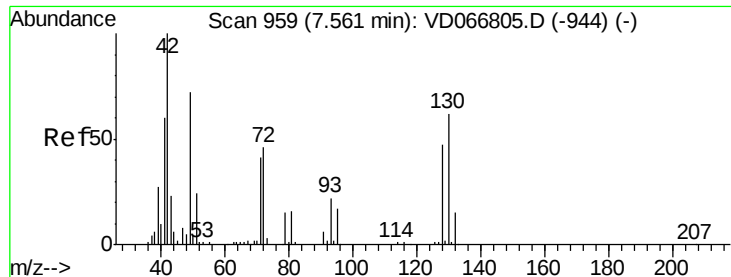


#28

Bromochloromethane
 Concen: 47.475 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	163905		
129	2.2	0.0	2.0#	
130	88.7	65.9	98.9	





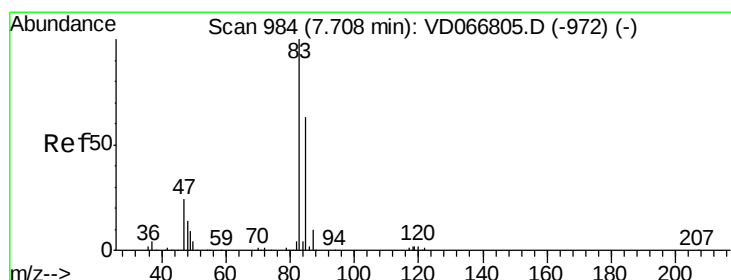
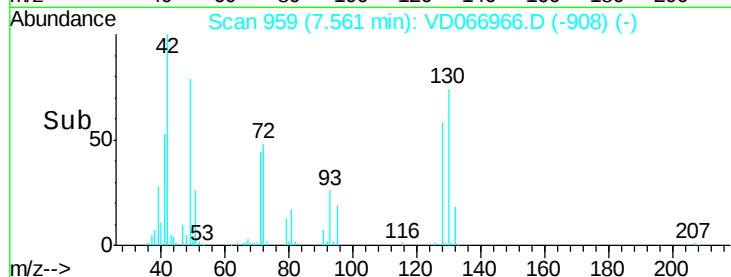
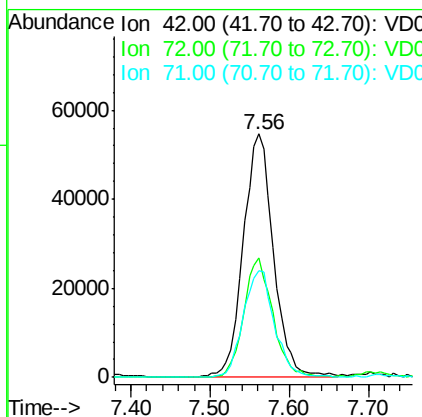
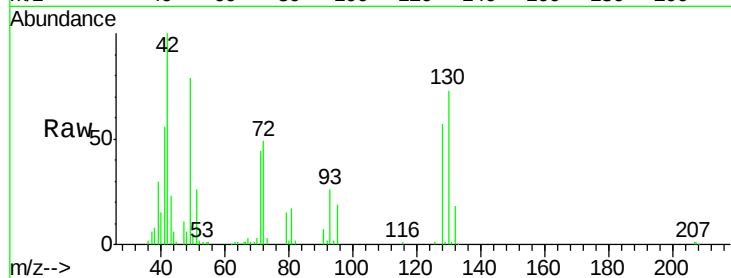
#29
Tetrahydrofuran
Concen: 214.991 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	36.2	54.4
71	45.0	32.4	48.6

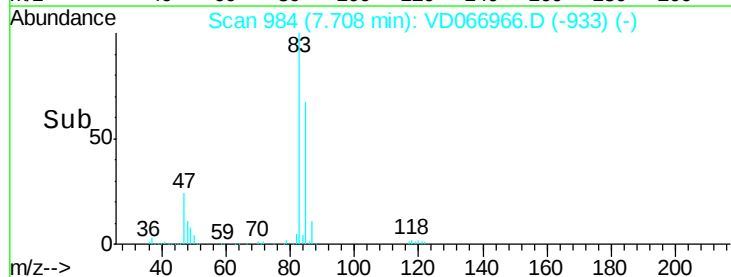
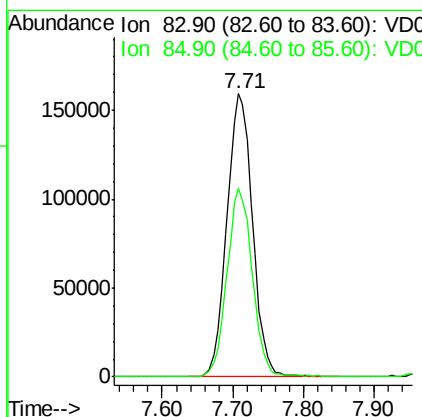
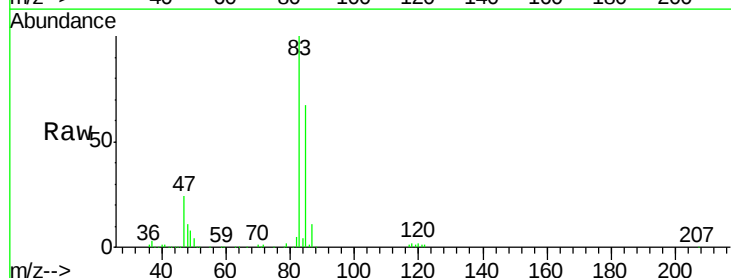
Manual Integrations
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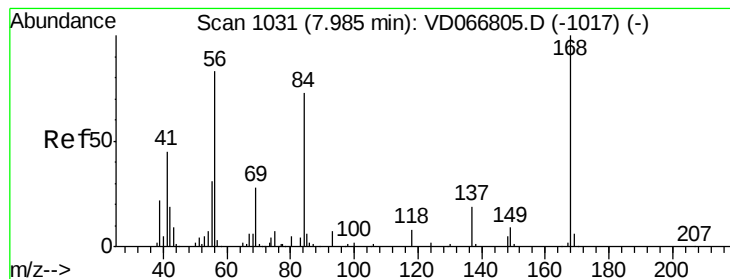
MMDadoda
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#30
Chloroform
Concen: 44.560 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.6	75.8





#31

Cyclohexane

Concen: 42.803 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

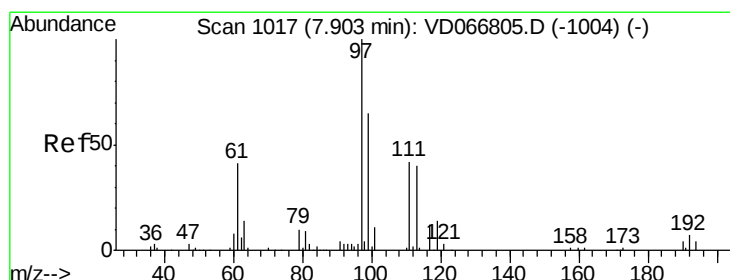
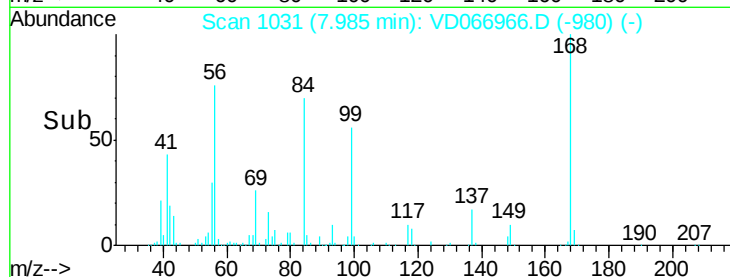
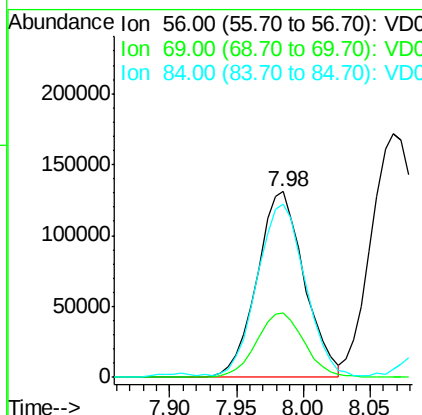
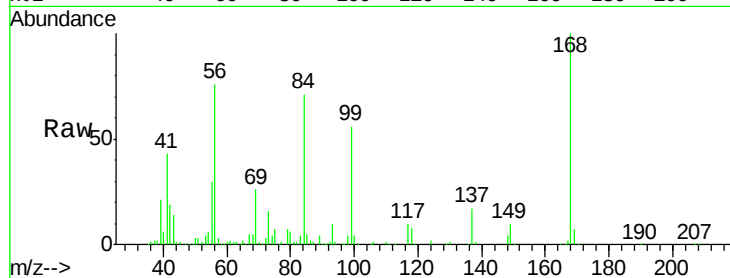
VSTDCCC050

Tot Ion: 56 Resp: 321857

Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.0	40.4
84	91.5	70.2	105.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.844 ug/l

RT: 7.90 min Scan# 1017

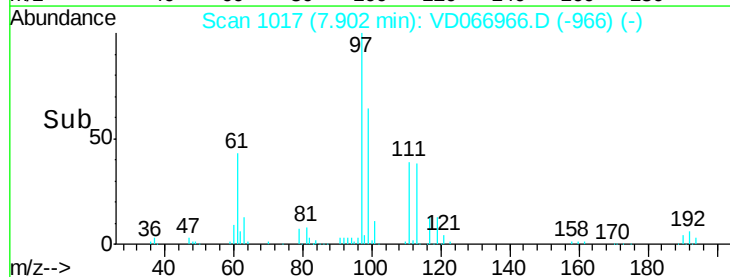
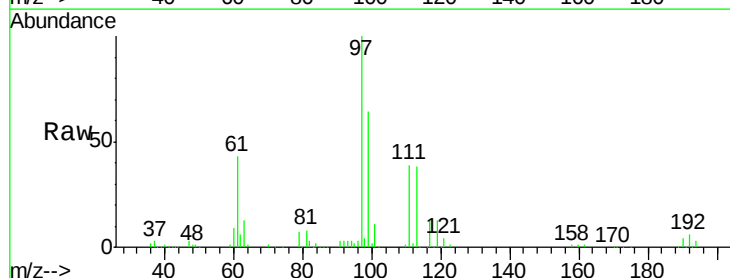
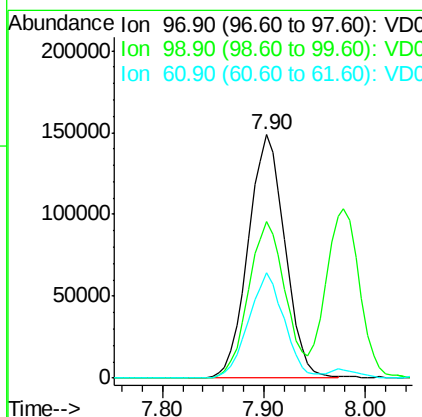
Delta R.T. -0.00 min

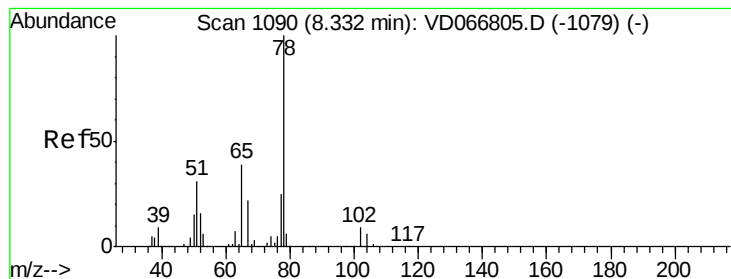
Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion: 97 Resp: 373586

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.5	77.3
61	42.3	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 40.394 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 167050

Ion Ratio Lower Upper

65 100

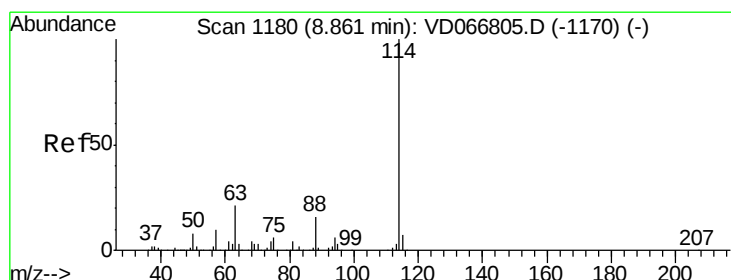
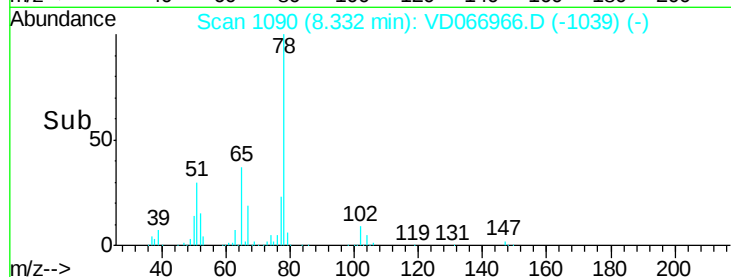
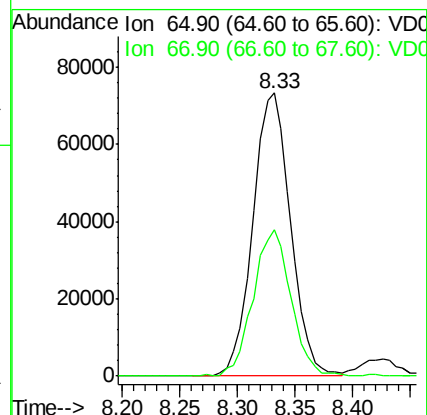
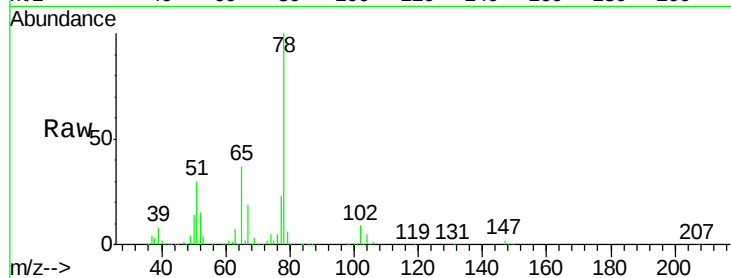
67 51.8 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

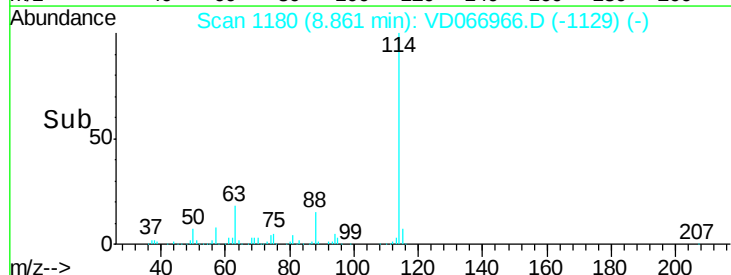
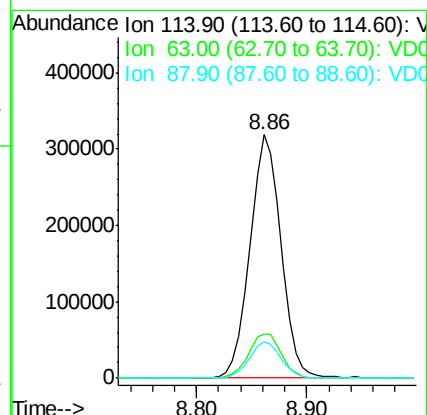
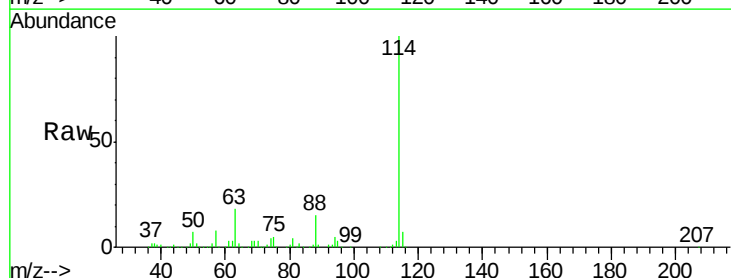
Tgt Ion: 114 Resp: 630687

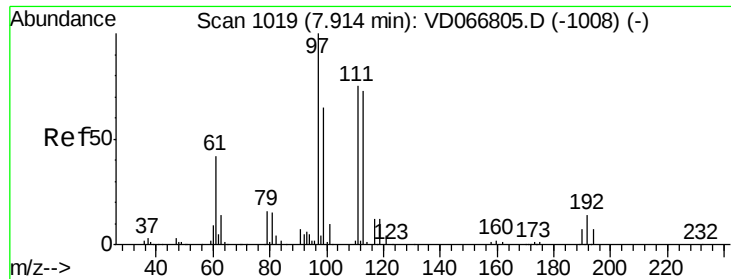
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.6

88 15.0 0.0 32.6





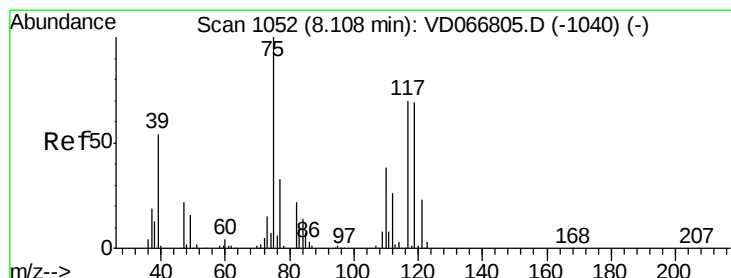
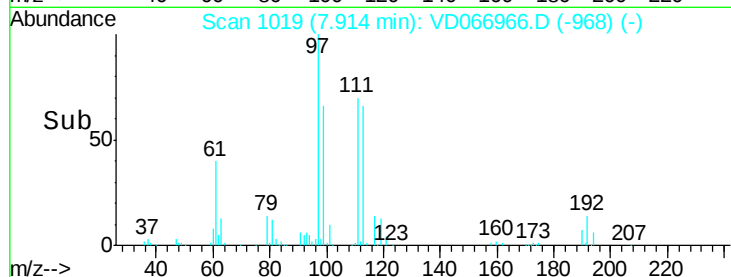
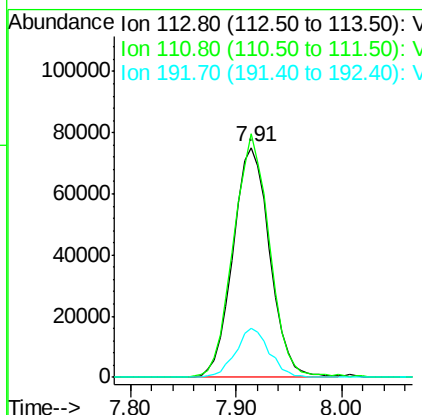
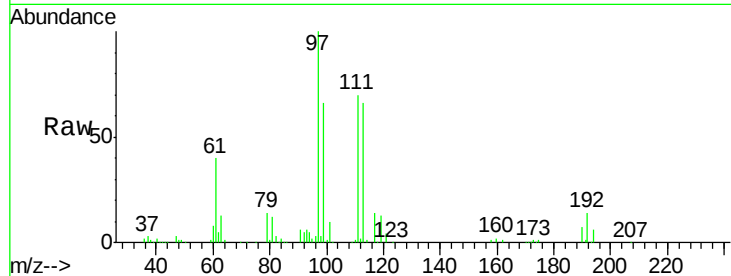
#35
 Dibromofluoromethane
 Concen: 45.283 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	181695		
111	103.8	81.8	122.8	
192	19.6	14.4	21.6	

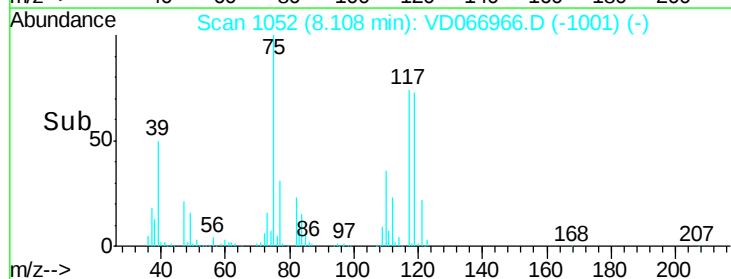
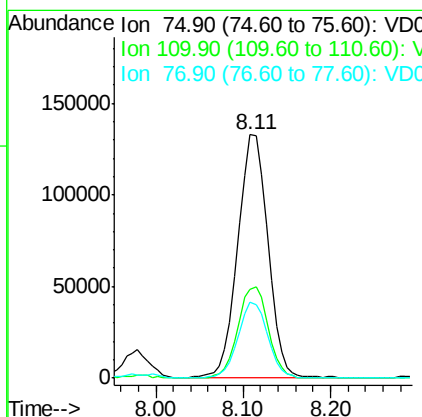
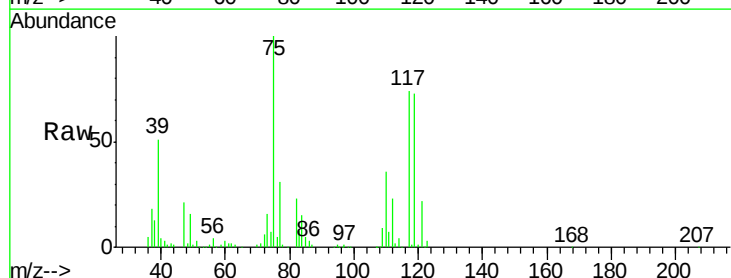
Manual Integrations
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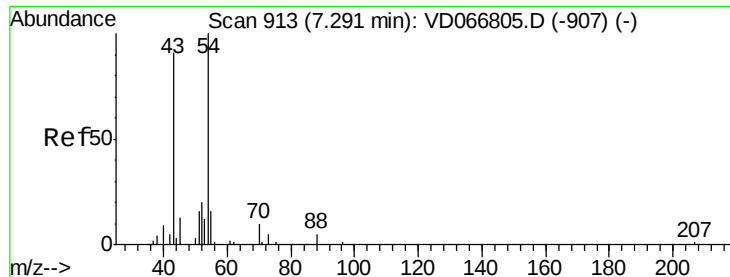
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#36
 1,1-Dichloropropene
 Concen: 49.653 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	310675		
110	37.5	17.9	53.8	
77	30.8	25.0	37.6	





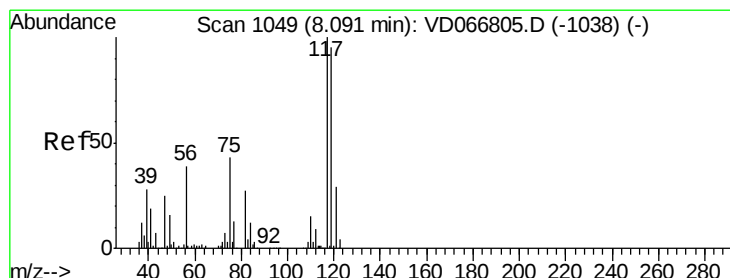
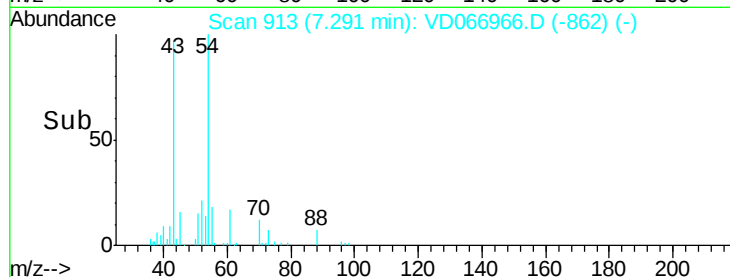
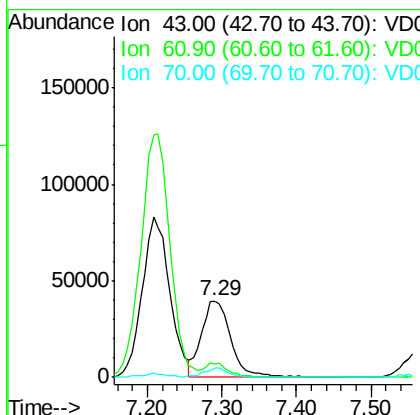
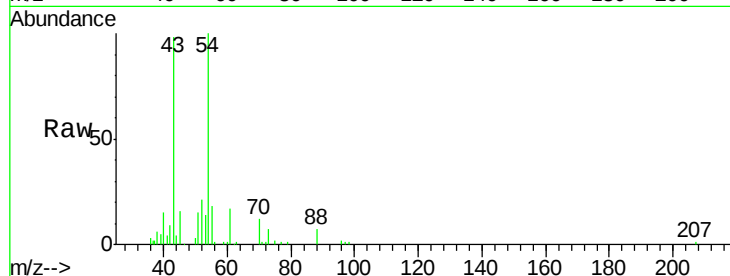
#37
Ethyl Acetate
Concen: 46.987 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	9.8	14.8#
70	10.8	8.5	12.7

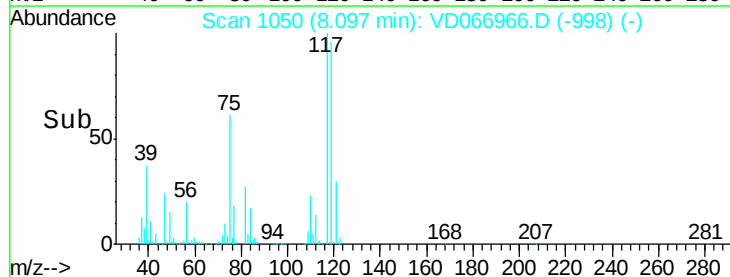
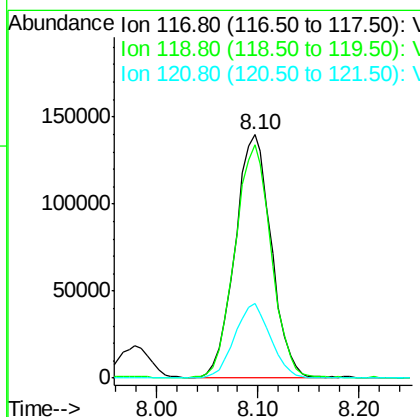
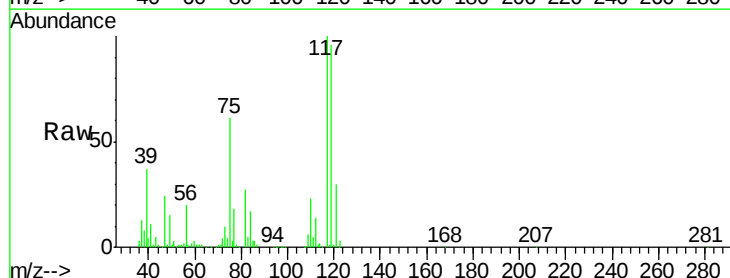
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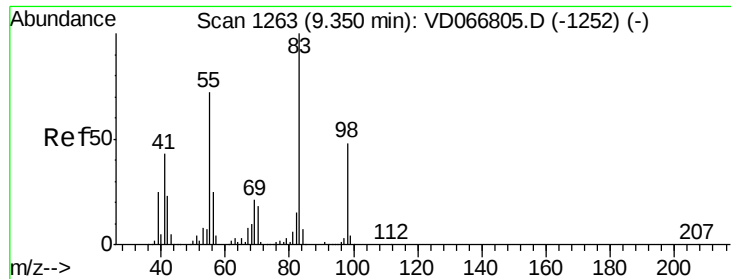
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#38
Carbon Tetrachloride
Concen: 50.358 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
121	30.5	23.4	35.0





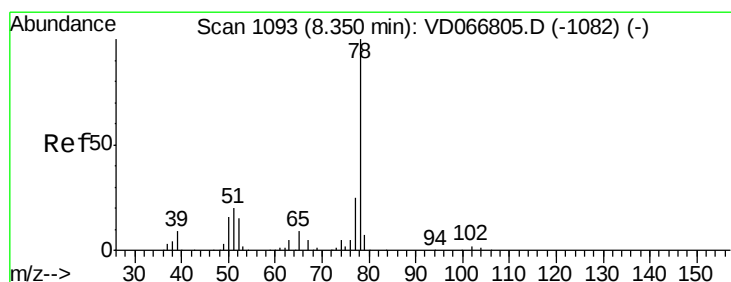
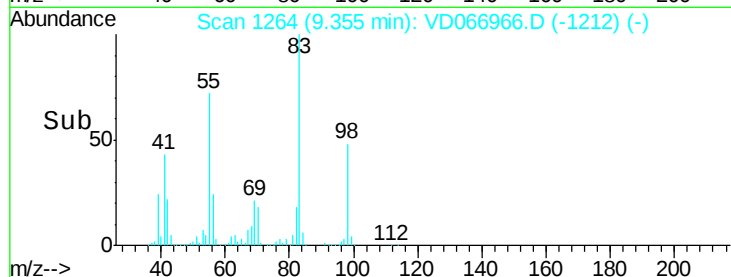
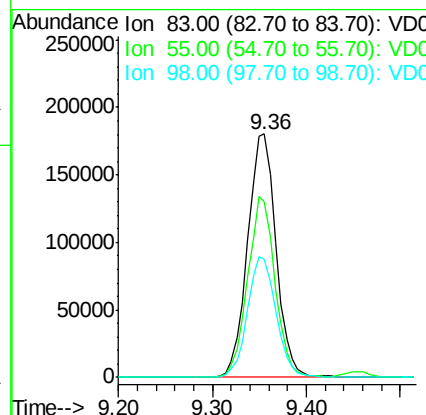
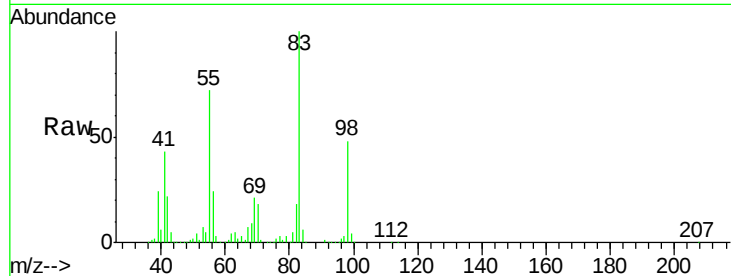
#39
Methvlcvclohexane
Concen: 52.678 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.7	86.5
98	48.4	38.4	57.6

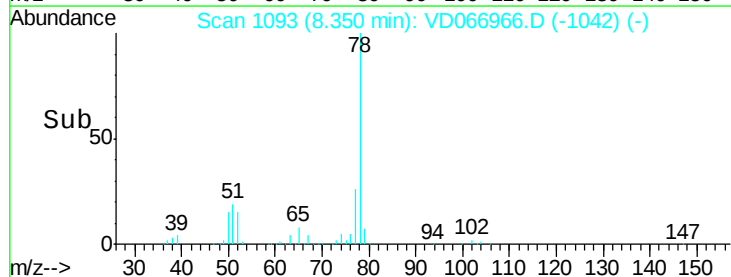
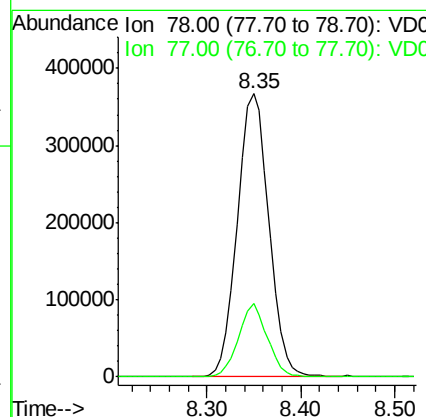
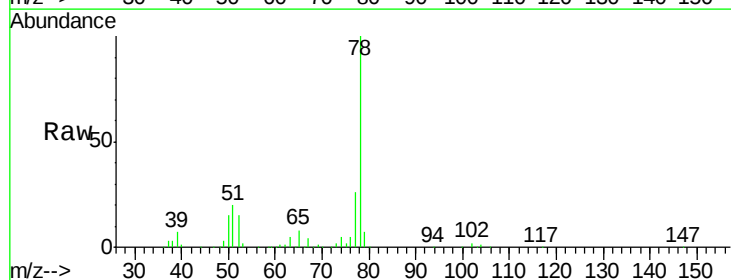
Manual Integrations
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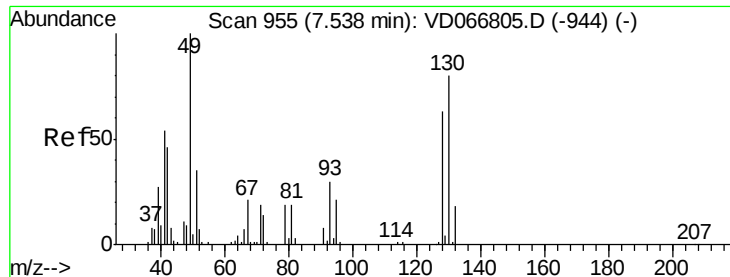
MMDadoda
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#40
Benzene
Concen: 49.072 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.9	29.9





#41

Methacrylonitrile

Concen: 51.600 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 71776

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

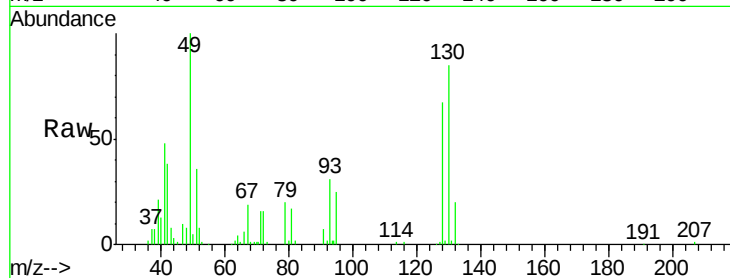
52 0.0 0.0 0.0

Manual Integrations

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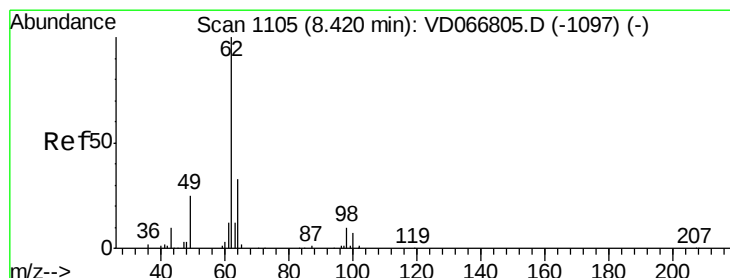
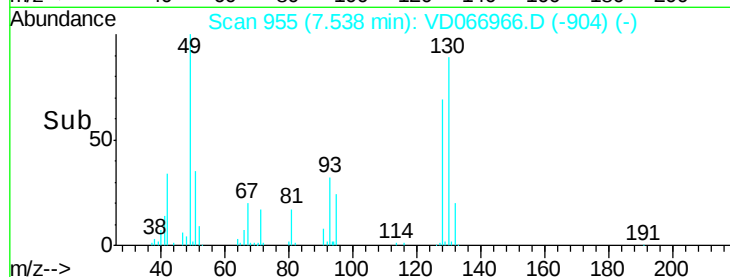
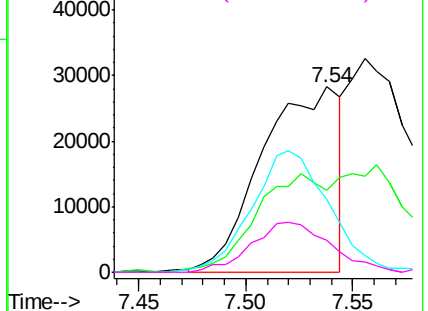


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 46.052 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066966.D

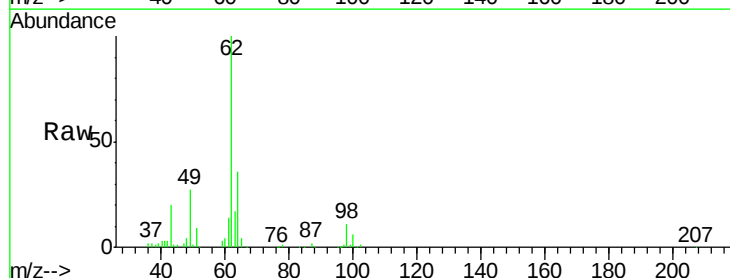
Acq: 30 Sep 2020 10:39

Tgt Ion: 62 Resp: 237405

Ion Ratio Lower Upper

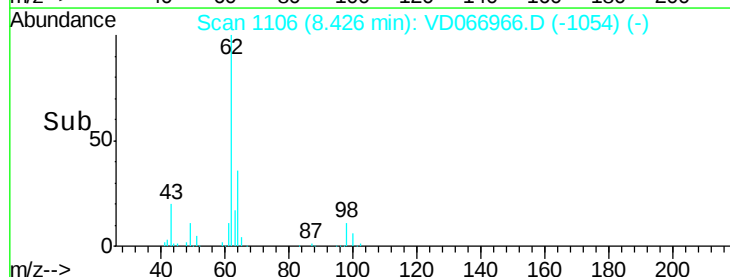
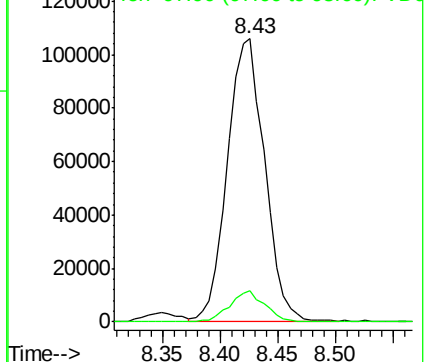
62 100

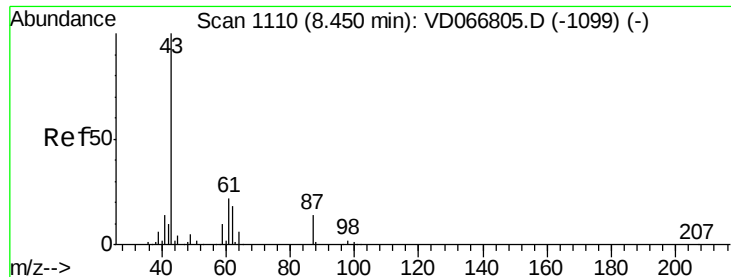
98 10.4 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 45.801 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

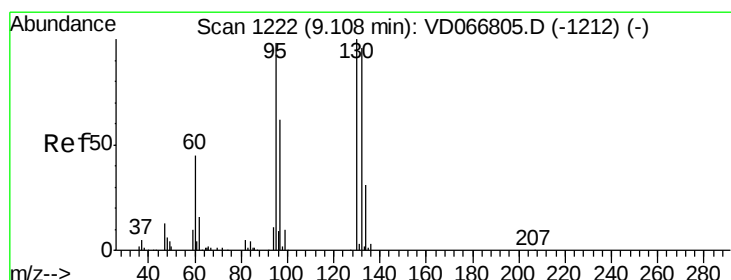
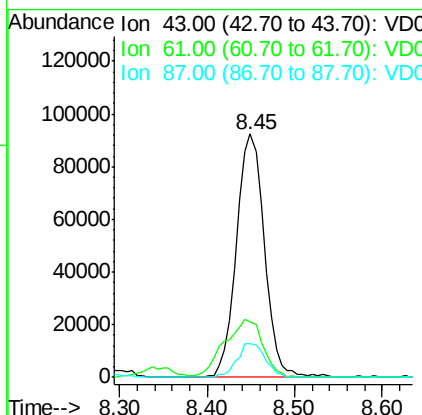
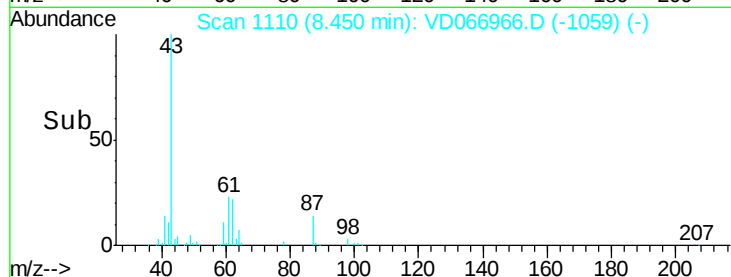
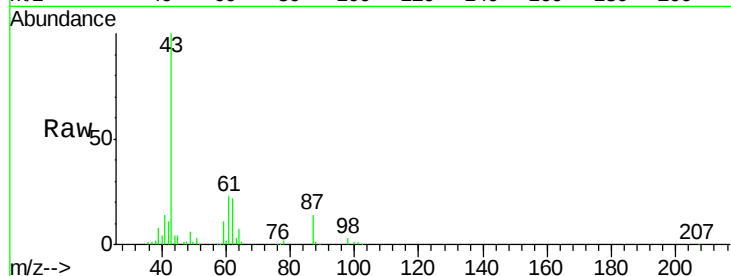
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	199732
Ion	Ratio	Lower	Upper
43	100		
61	33.0	26.2	39.4
87	14.2	11.5	17.3

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#44

Trichloroethene

Concen: 51.071 ug/l

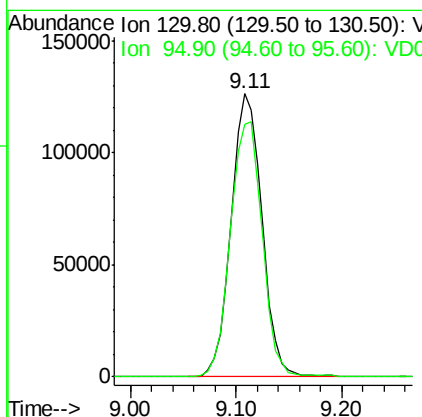
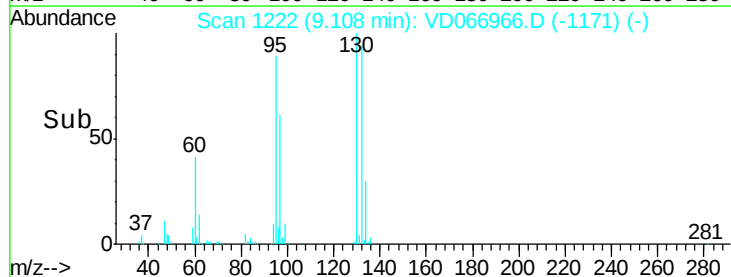
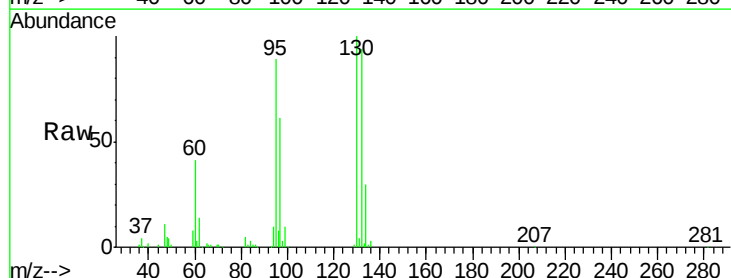
RT: 9.11 min Scan# 1222

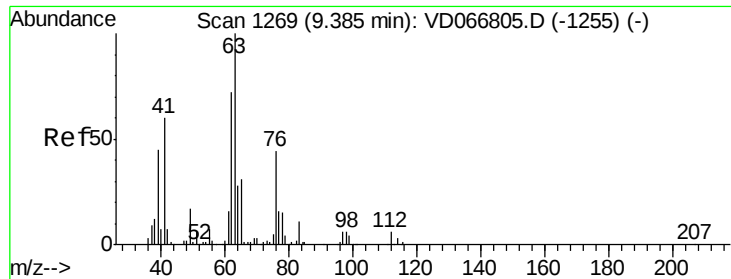
Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	130	Resp:	253843
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	197.0





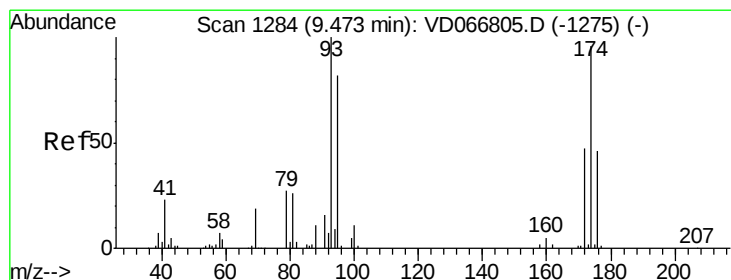
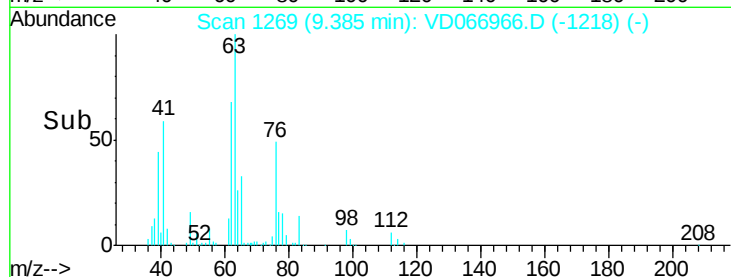
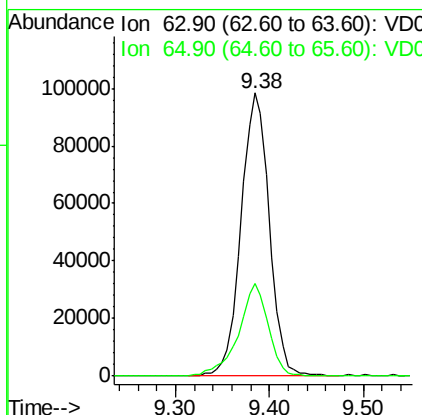
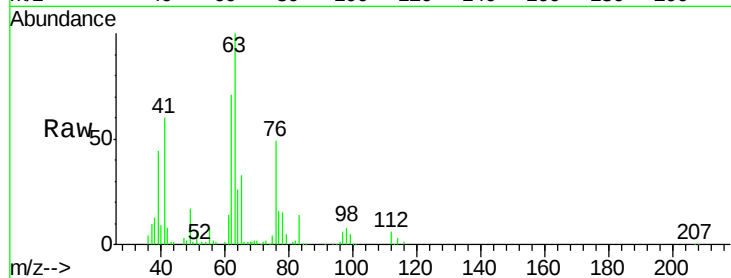
#45
 1,2-Dichloropropane
 Concen: 46.722 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 204989
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.7 37.1

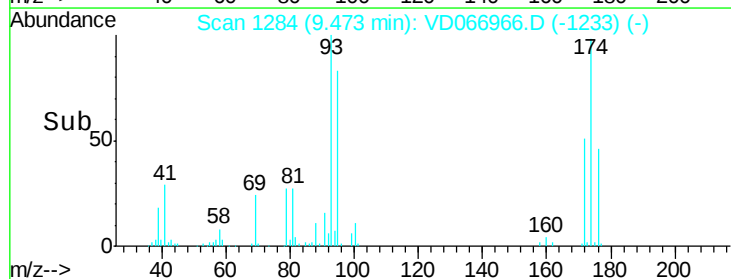
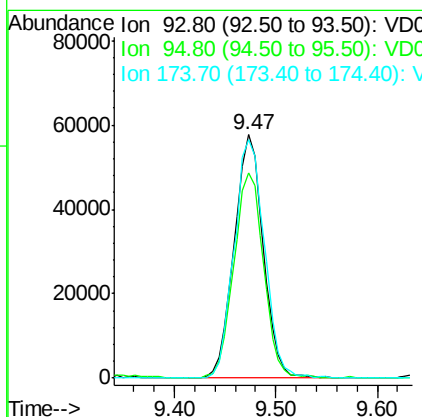
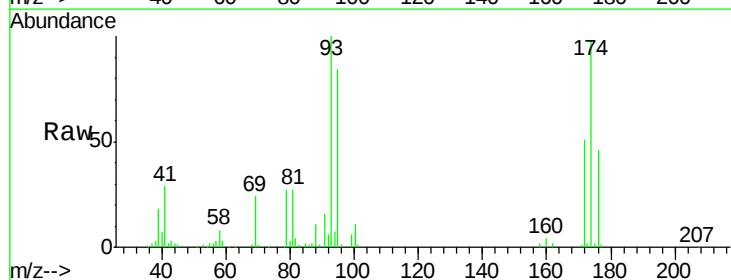
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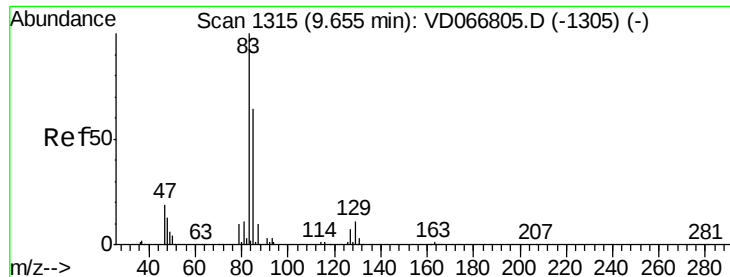
MMDadoda
 10/1/2020 2:41:45 PM



#46
 Dibromomethane
 Concen: 48.286 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion: 93 Resp: 115104
 Ion Ratio Lower Upper
 93 100
 95 86.6 65.3 97.9
 174 101.9 75.4 113.2





#47

Bromodichloromethane

Concen: 48.072 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

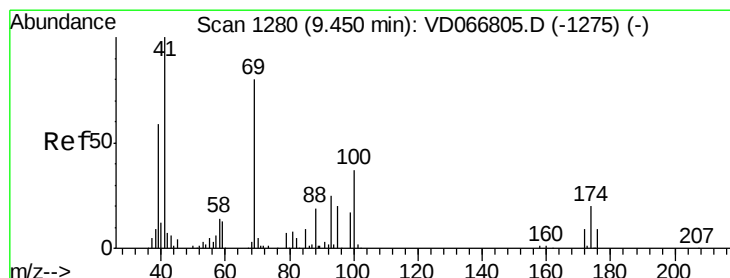
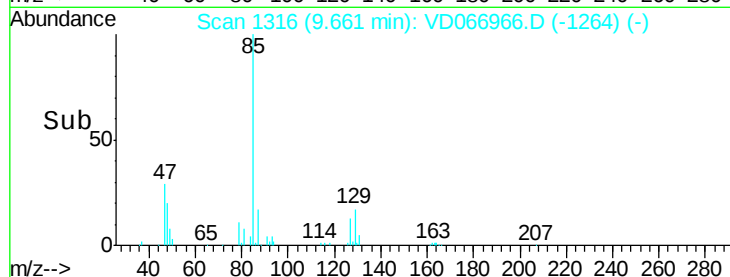
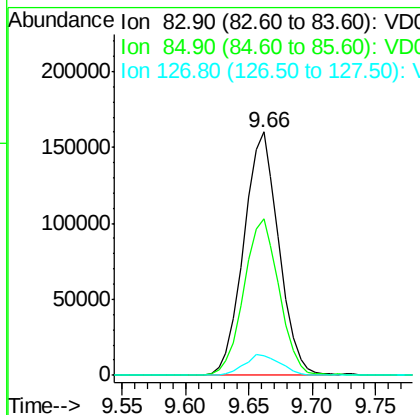
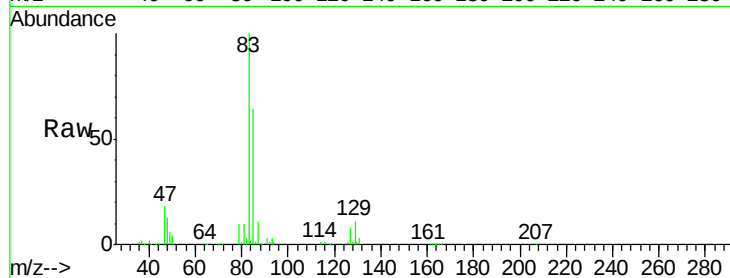
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	307835
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3
127	8.3	5.9	8.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 43.453 ug/l

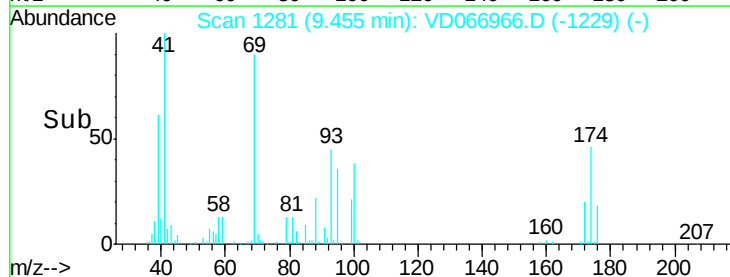
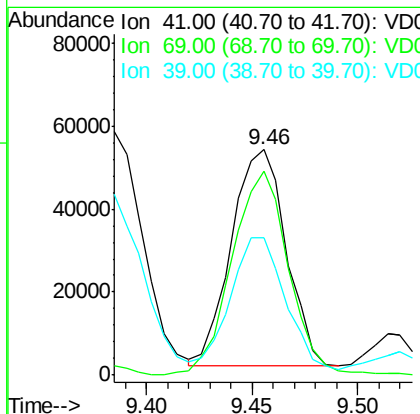
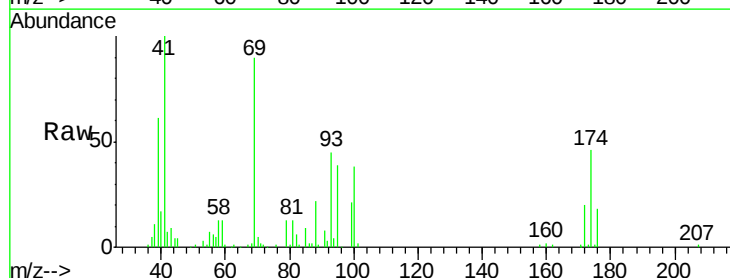
RT: 9.46 min Scan# 1281

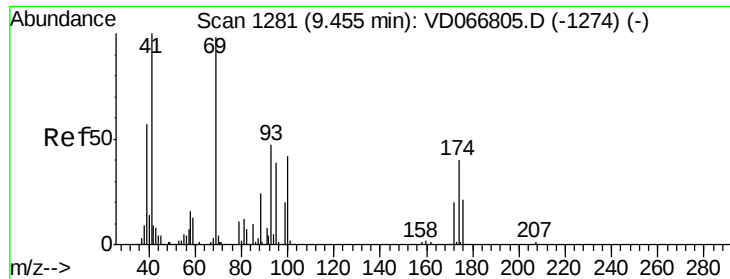
Delta R.T. 0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	41	Resp:	93428
Ion	Ratio	Lower	Upper
41	100		
69	97.2	74.5	111.7
39	60.8	47.0	70.6





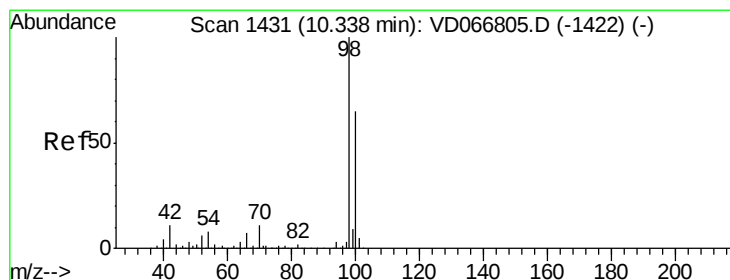
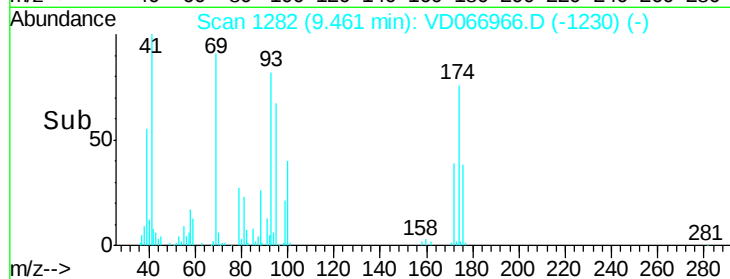
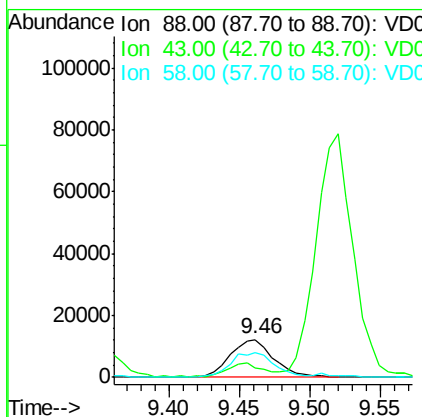
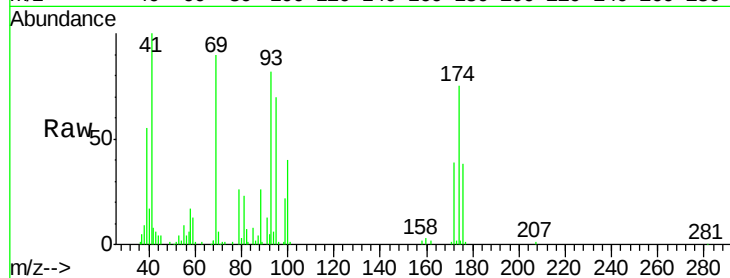
#49
1,4-Dioxane
Concen: 961.484 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	26100
Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.7	41.5
58	67.4	55.5	83.3

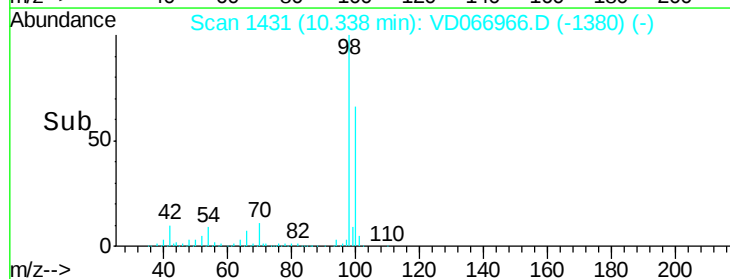
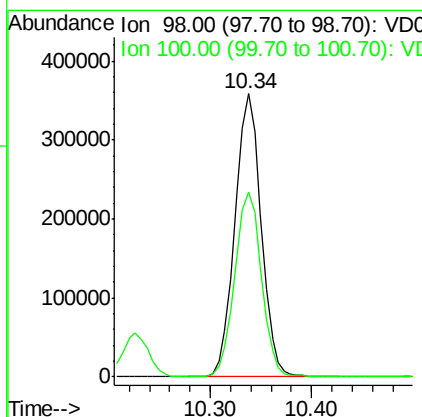
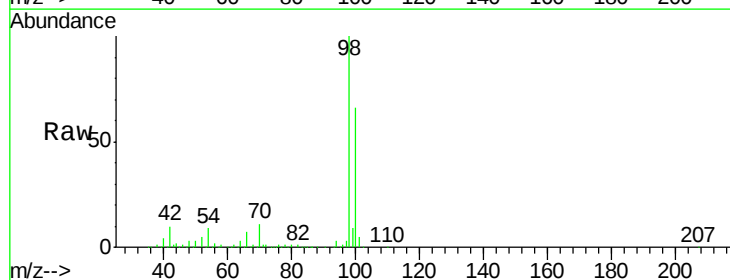
Manual Integrations
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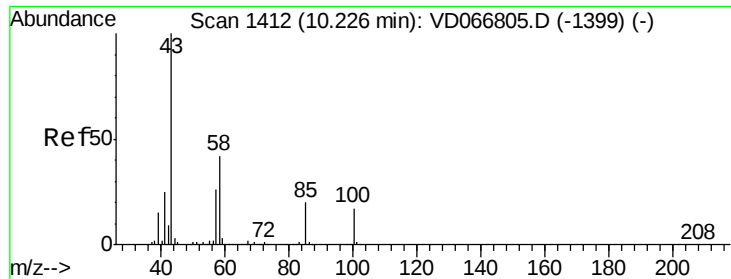
MMDadoda
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#50
Toluene-d8
Concen: 47.283 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	98	Resp	646404
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 235.751 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 520936

Ion Ratio Lower Upper

43 100

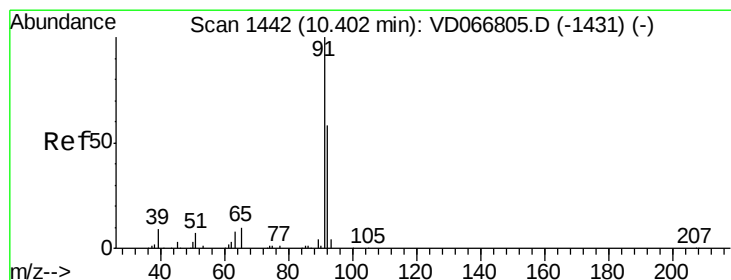
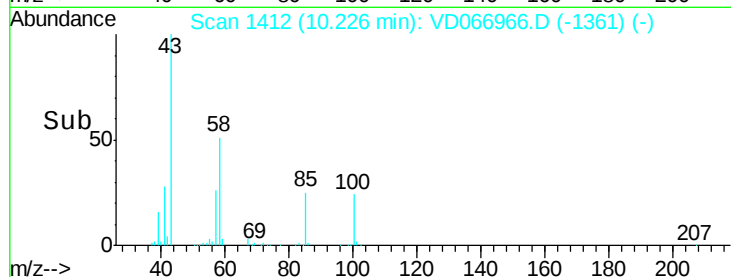
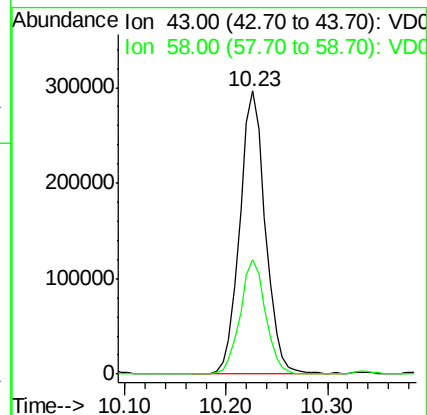
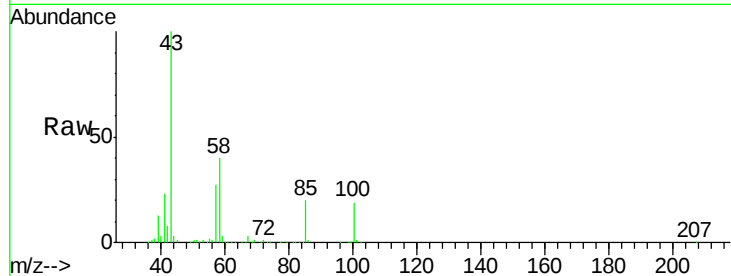
58 40.0 32.2 48.4

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#52

Toluene

Concen: 51.505 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066966.D

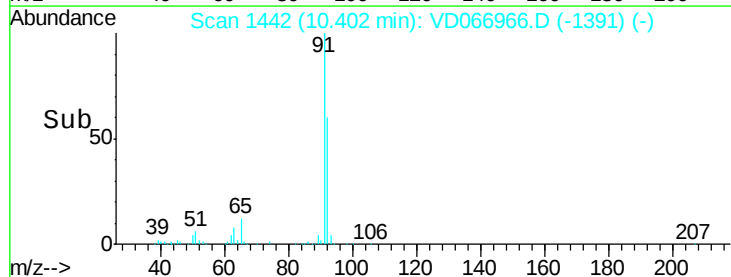
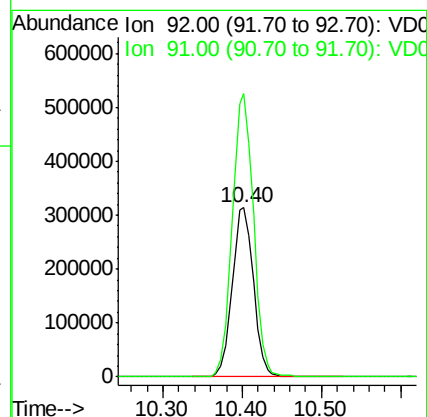
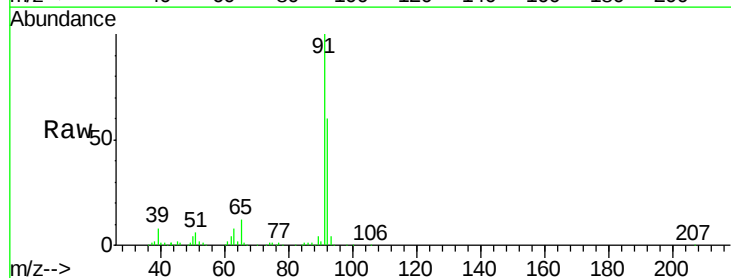
Acq: 30 Sep 2020 10:39

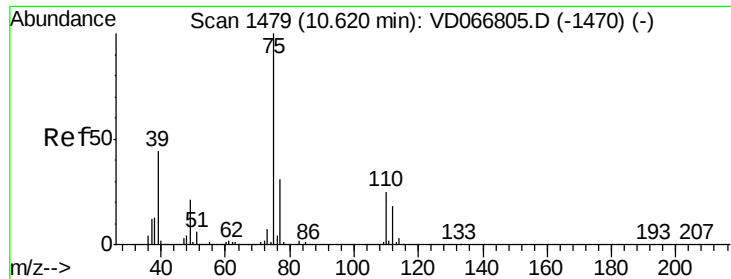
Tgt Ion: 92 Resp: 578525

Ion Ratio Lower Upper

92 100

91 167.6 134.6 202.0





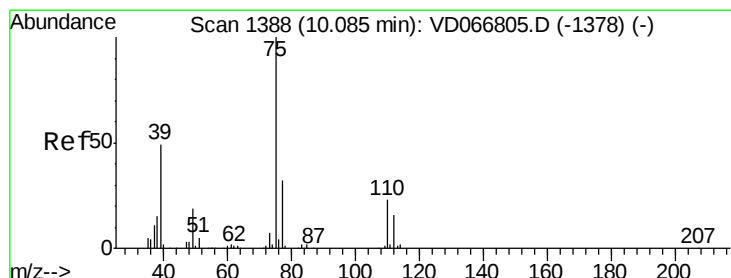
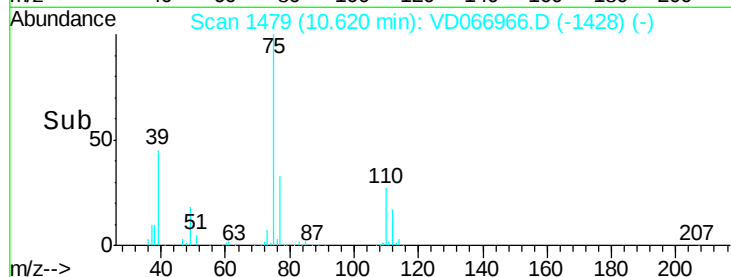
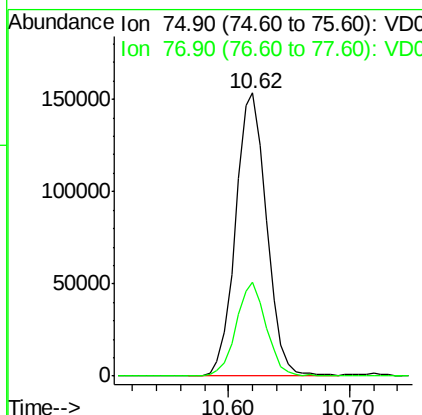
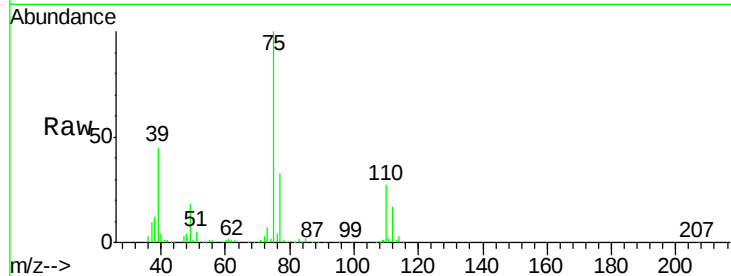
#53
t-1,3-Dichloropropene
Concen: 50.449 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 274966
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7

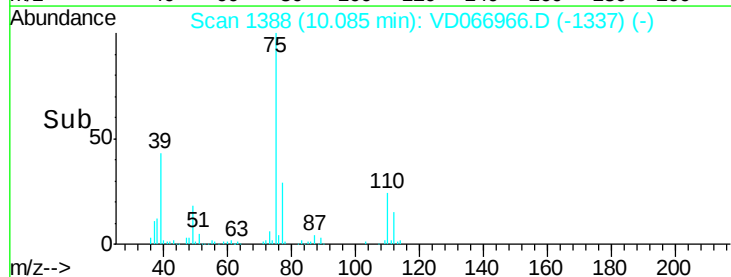
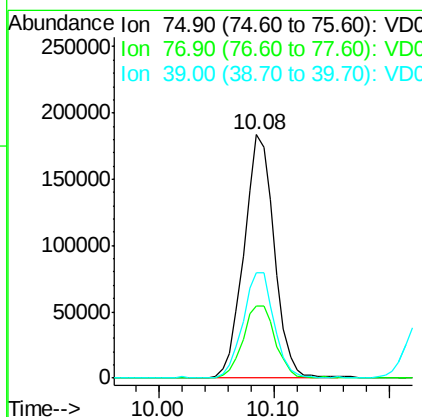
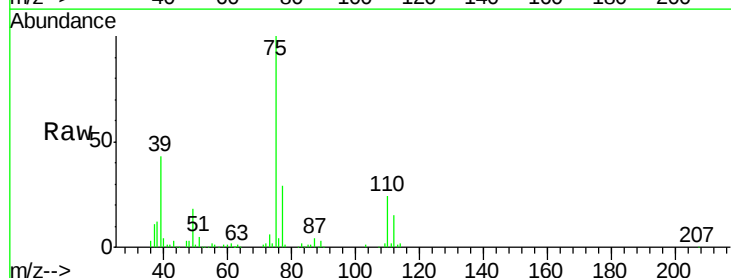
Manual Integrations
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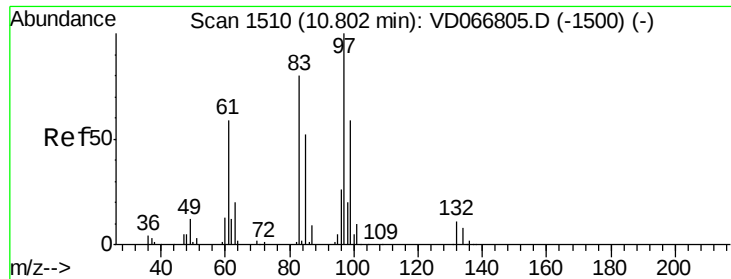
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.402 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 75 Resp: 334961
Ion Ratio Lower Upper
75 100
77 29.4 25.6 38.4
39 42.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 49.070 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

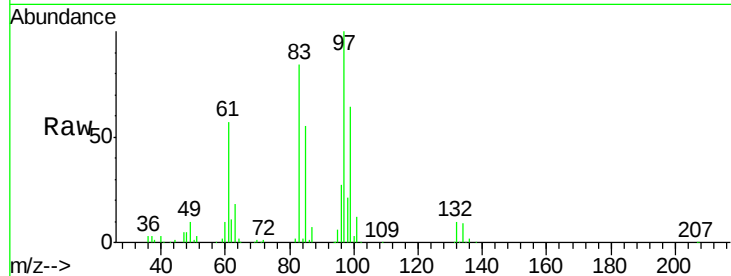
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	160805
Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.2	96.2
85	54.9	41.9	62.9
99	64.2	47.5	71.3

Manual Integrations
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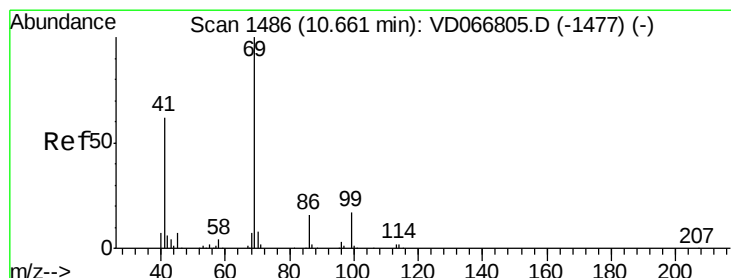
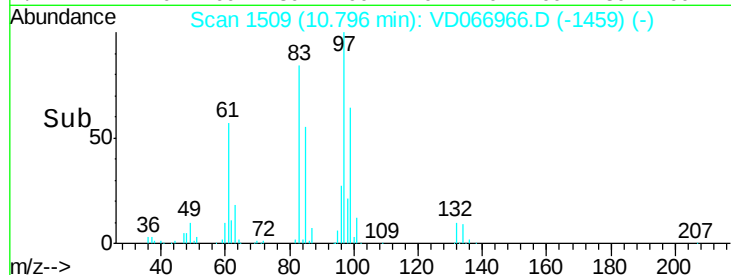
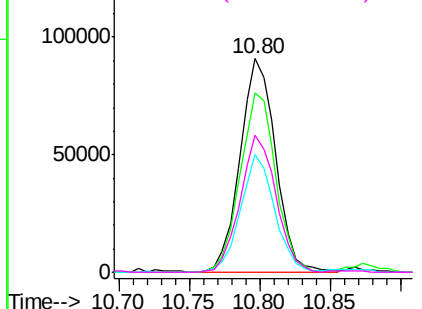


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 51.646 ug/l

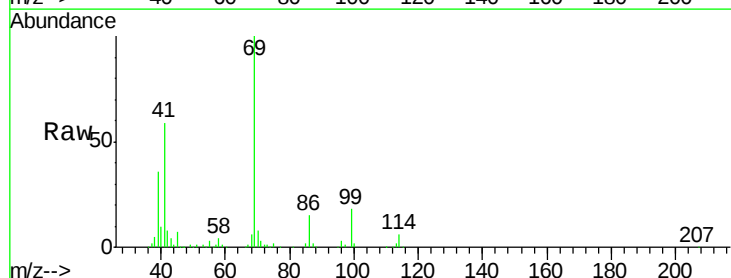
RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

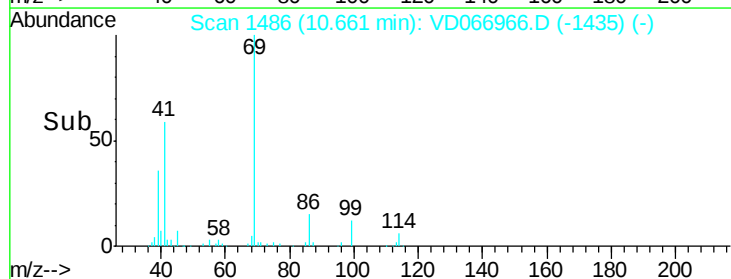
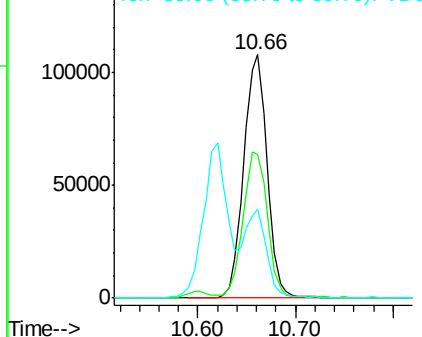
Tgt Ion:	69	Resp:	181309
Ion	Ratio	Lower	Upper
69	100		
41	61.1	52.2	78.2
39	31.1	26.6	40.0

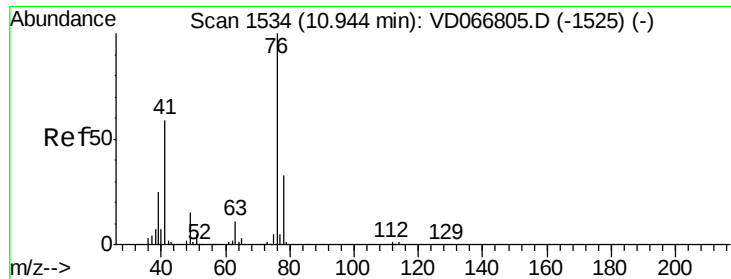


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 49.908 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 270059

Ion Ratio Lower Upper

76 100

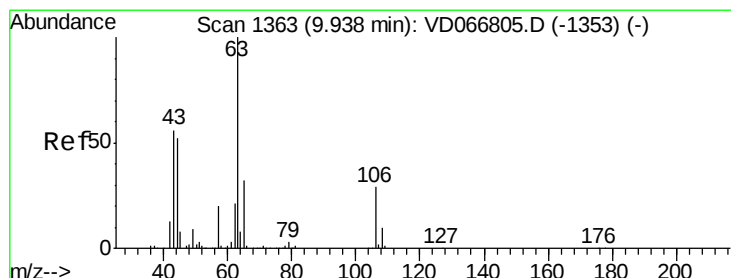
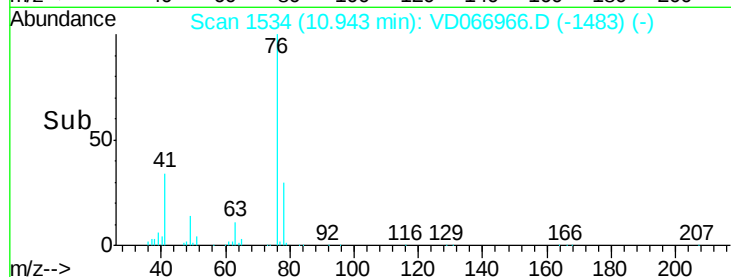
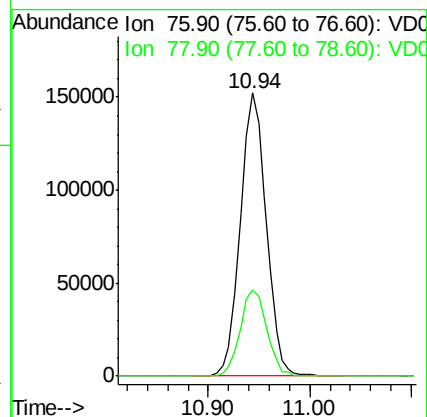
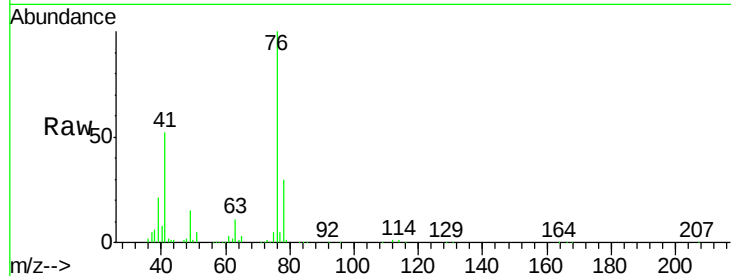
78 31.4 26.3 39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 226.741 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066966.D

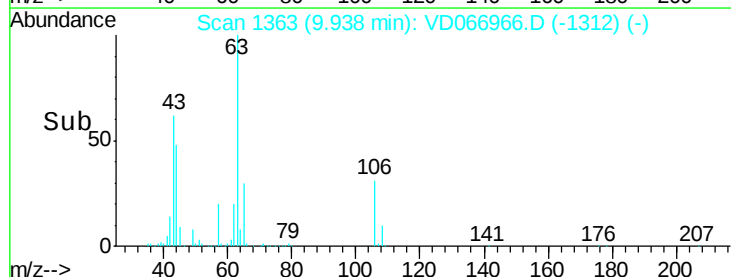
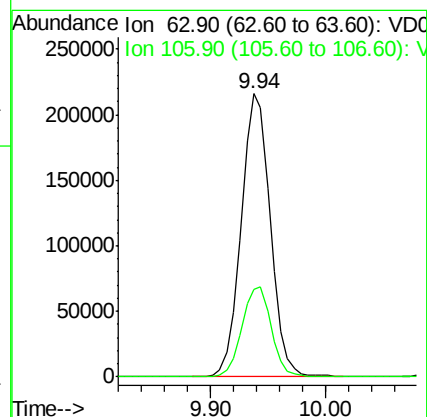
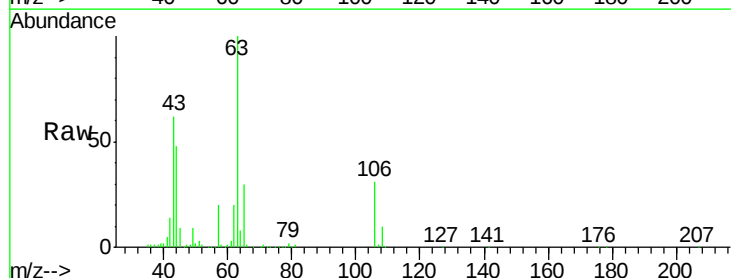
Acq: 30 Sep 2020 10:39

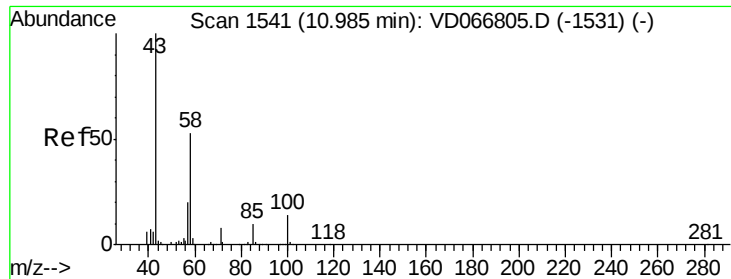
Tgt Ion: 63 Resp: 376901

Ion Ratio Lower Upper

63 100

106 32.1 23.8 35.6





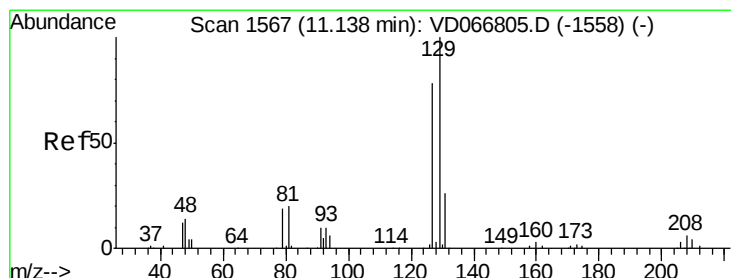
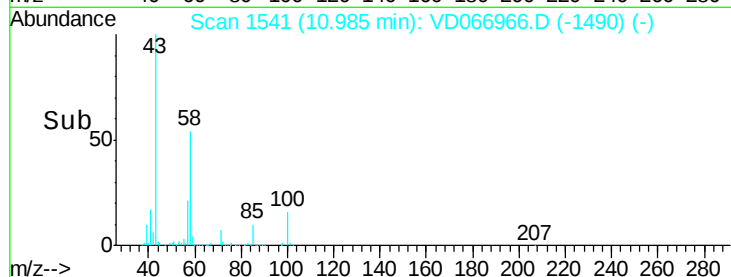
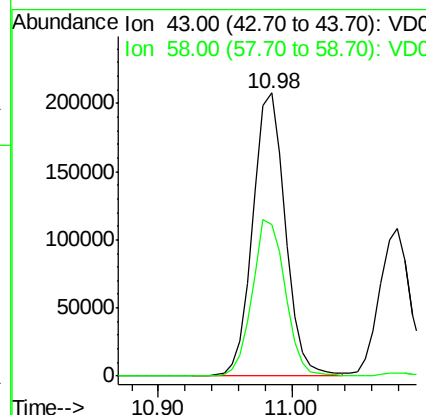
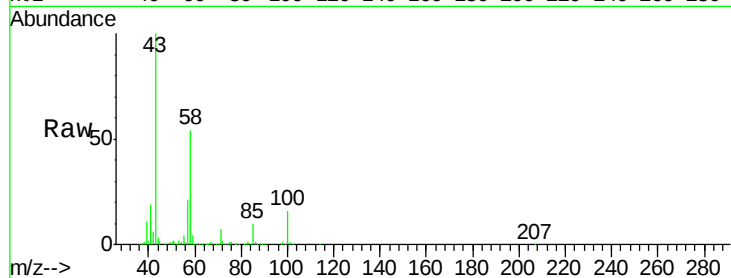
#59
2-Hexanone
Concen: 234.309 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 349157
Ion Ratio Lower Upper
43 100
58 55.9 27.0 80.8

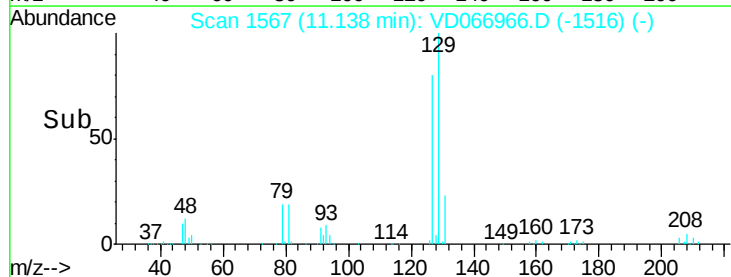
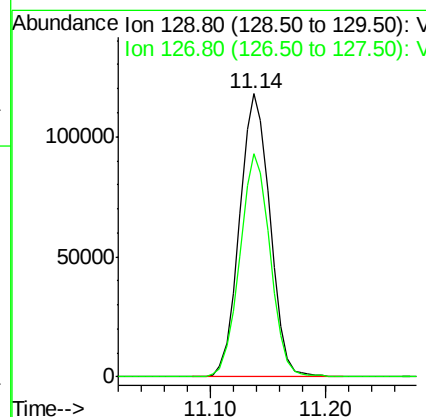
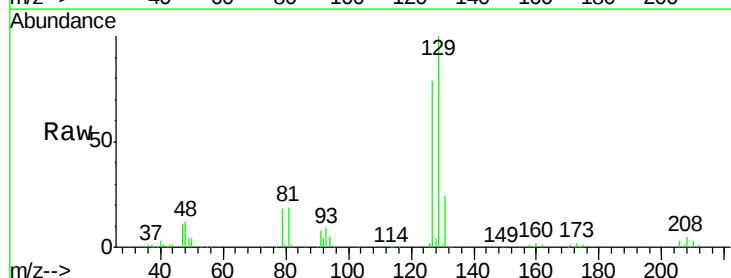
Manual Integrations
APPROVED

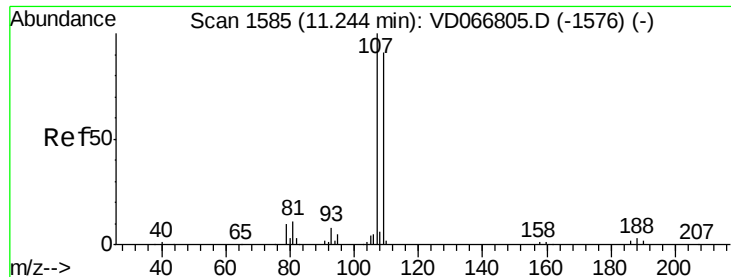
MMDadoda
10/1/2020 2:41:45 PM



#60
Dibromochloromethane
Concen: 50.332 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 129 Resp: 215266
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





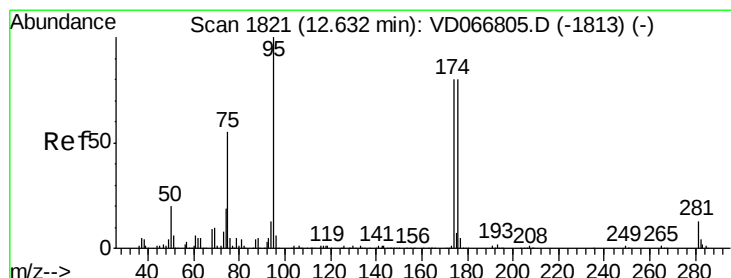
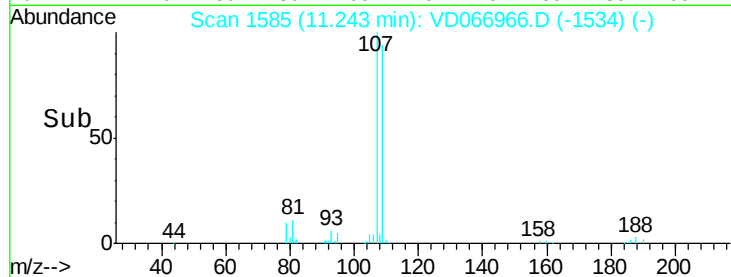
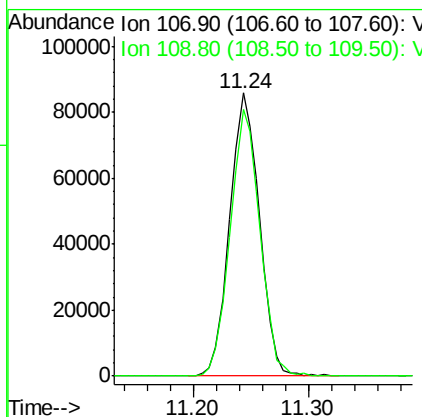
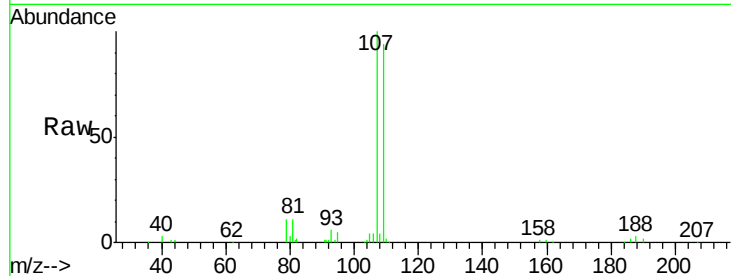
#61
 1,2-Dibromoethane
 Concen: 50.259 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.4

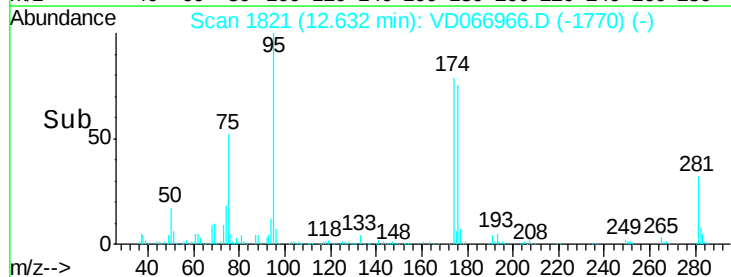
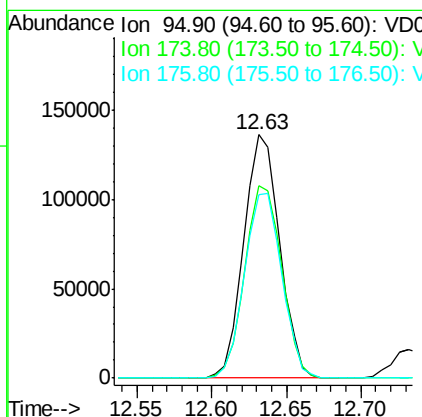
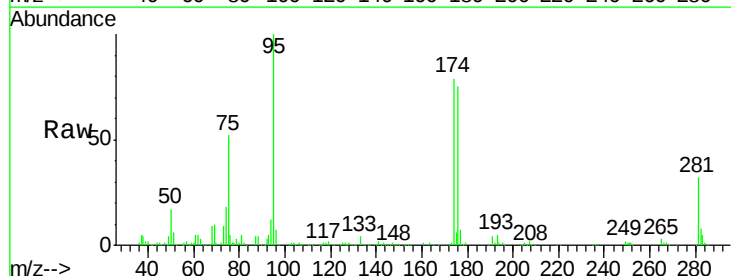
Manual Integrations
 APPROVED

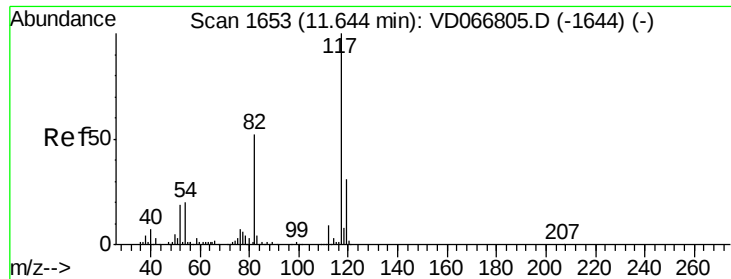
MMDadoda
 10/1/2020 2:41:45 PM



#62
 4-Bromofluorobenzene
 Concen: 48.464 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	159.8
176	78.8	0.0	154.4





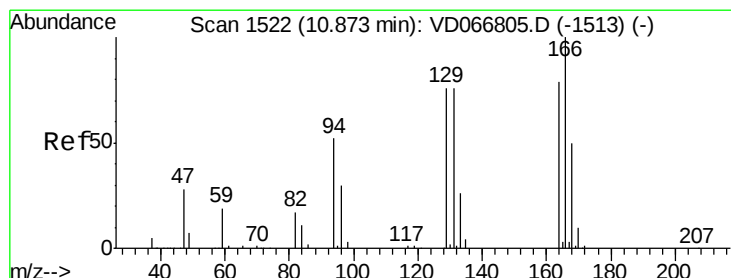
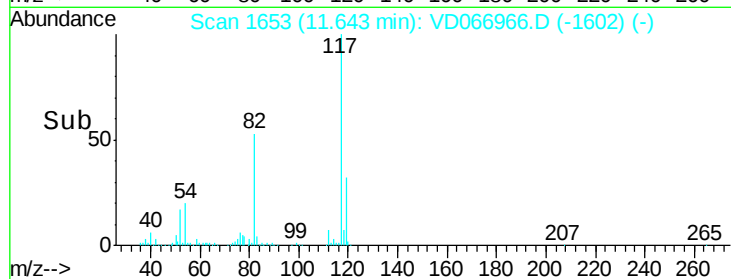
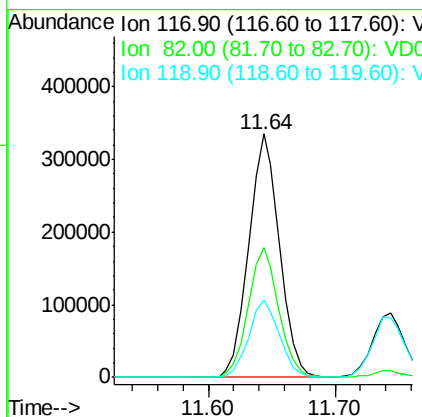
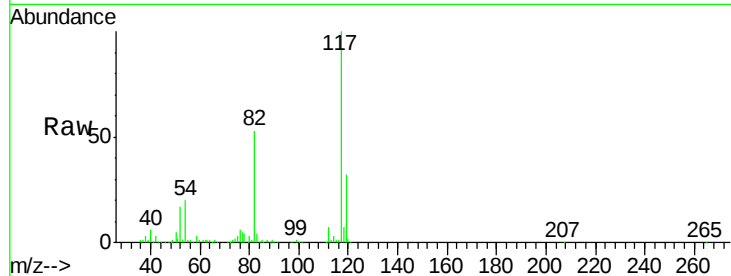
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	564045		
82	53.0		41.8	62.6
119	31.9		24.6	37.0

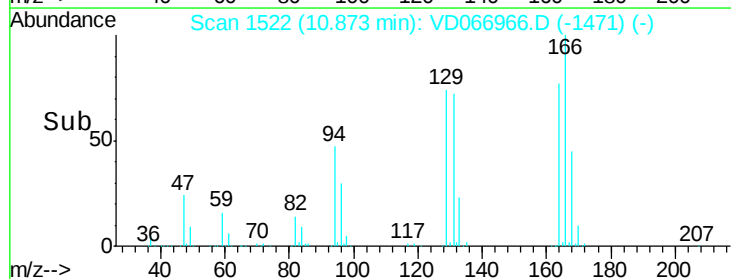
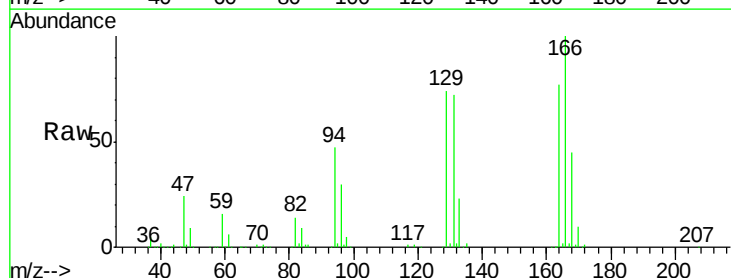
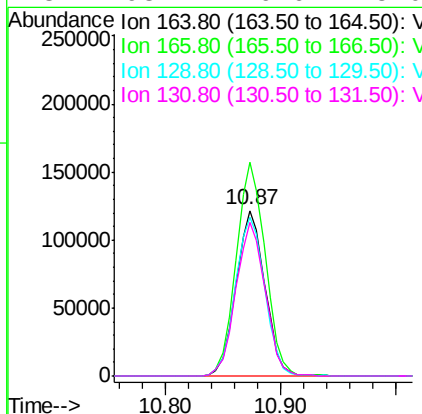
Manual Integrations
APPROVED

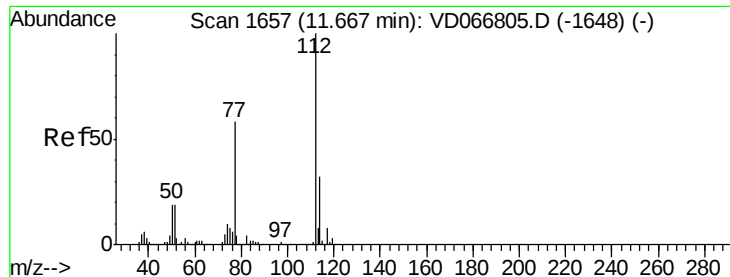
MMDadoda
10/1/2020 2:41:45 PM



#64
Tetrachloroethene
Concen: 51.979 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210893		
166	129.3		101.1	151.7
129	95.8		77.0	115.4
131	93.2		76.6	115.0





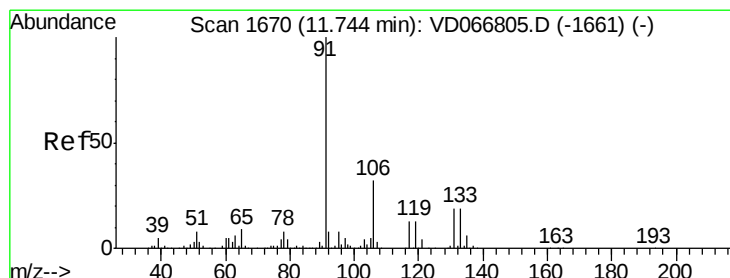
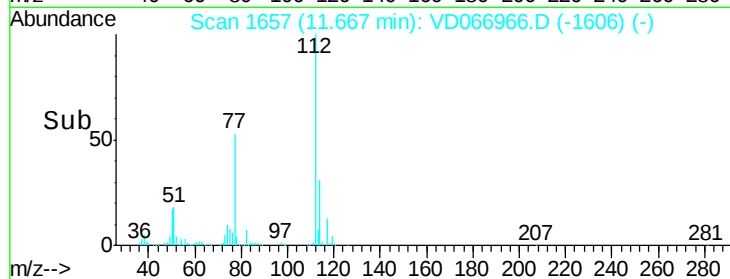
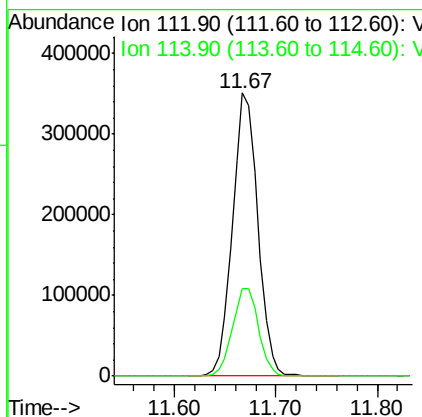
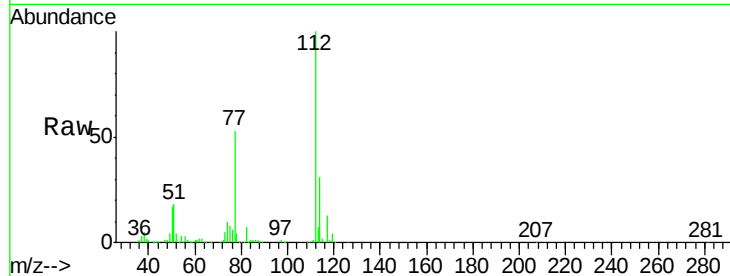
#65
Chlorobenzene
Concen: 51.851 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.4	38.2

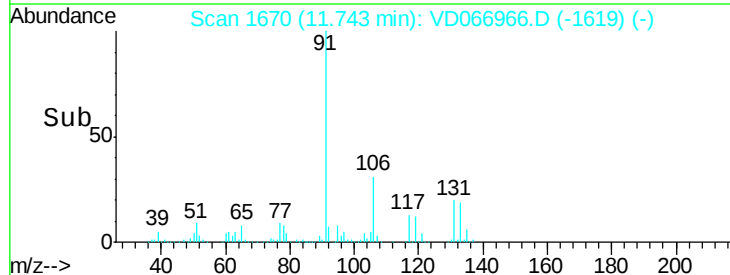
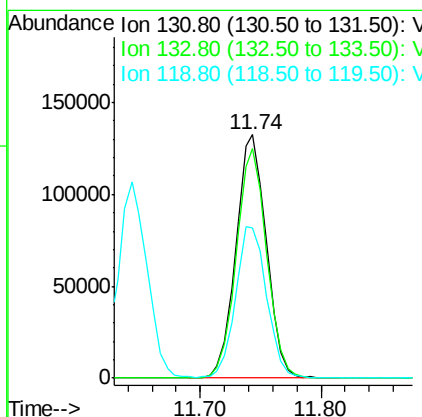
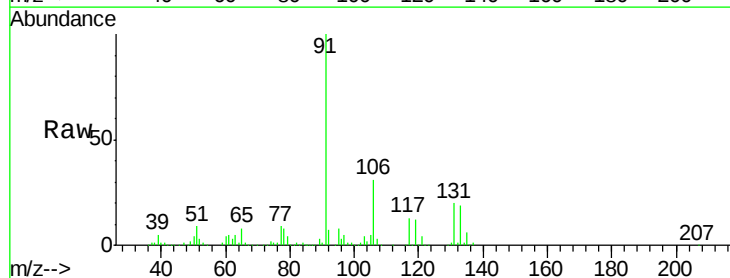
Manual Integrations
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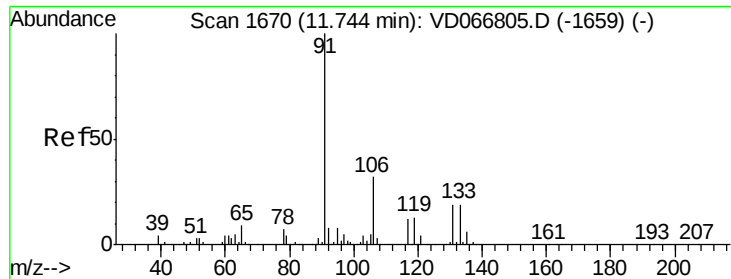
MMDadoda
10/1/2020 2:41:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.312 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	46.7	140.1
119	63.7	32.3	96.9





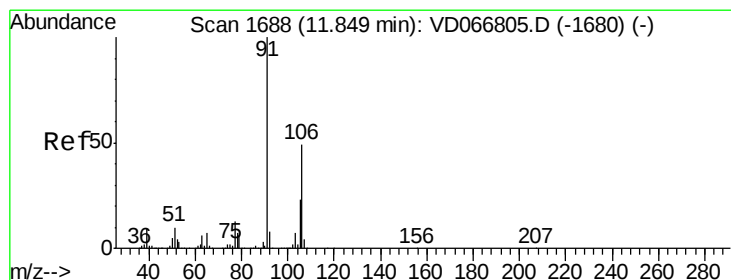
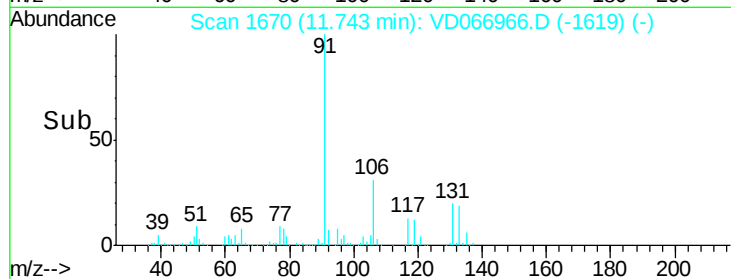
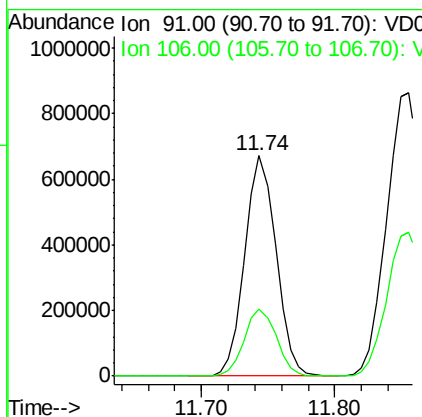
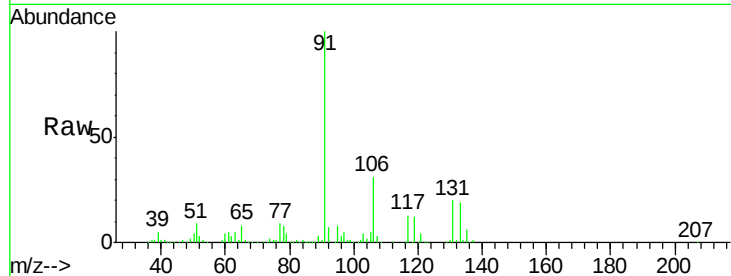
#67
Ethyl Benzene
Concen: 52.971 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1092314
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

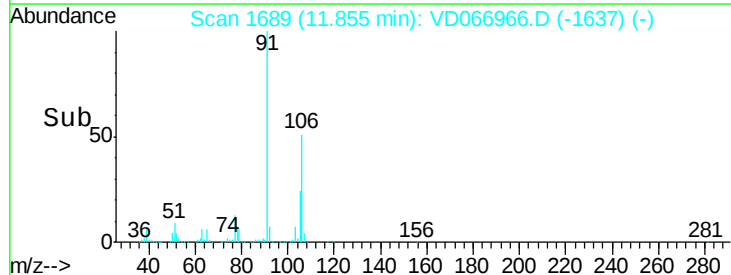
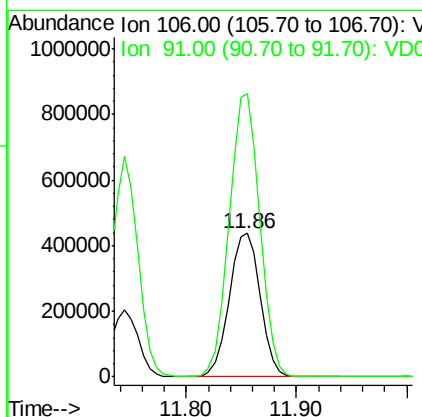
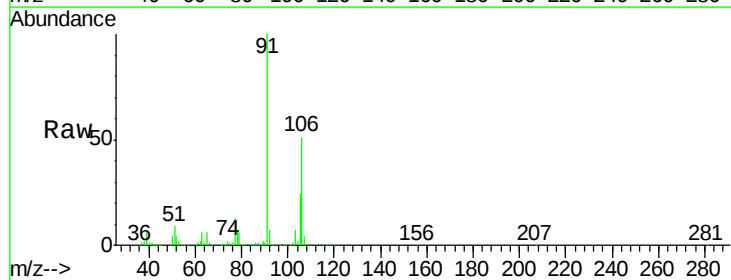
Manual Integrations
APPROVED

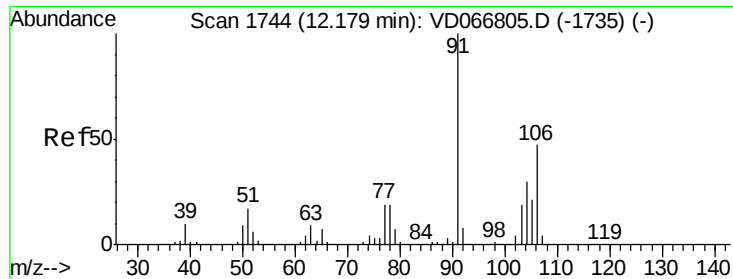
MMDadoda
10/1/2020 2:41:45 PM



#68
m/p-Xylenes
Concen: 110.148 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 106 Resp: 859955
Ion Ratio Lower Upper
106 100
91 195.0 160.7 241.1





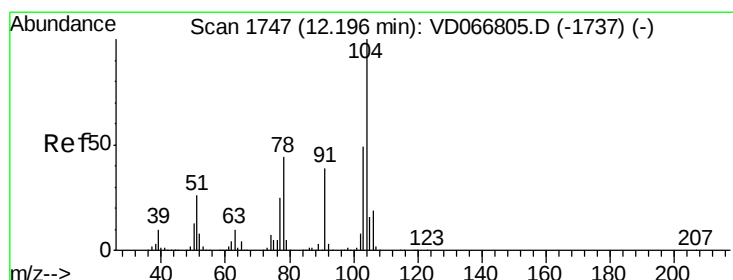
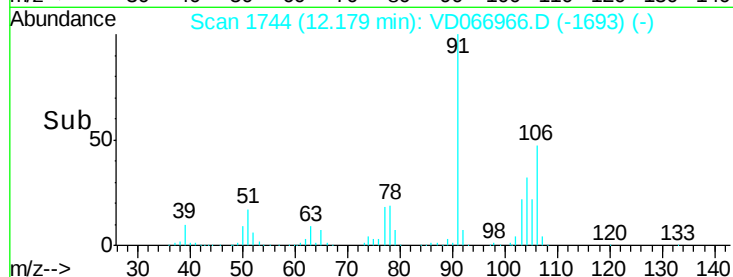
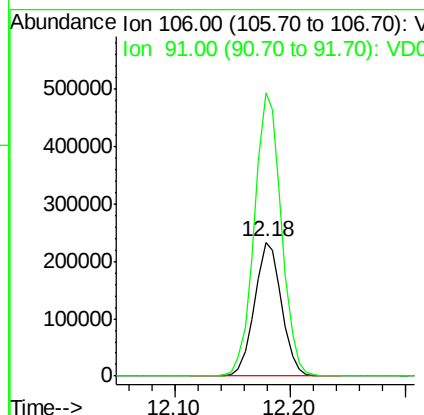
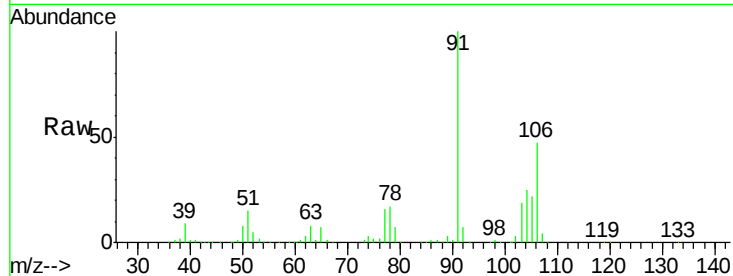
#69
o-Xylene
Concen: 53.880 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 380370
Ion Ratio Lower Upper
106 100
91 211.8 106.3 318.8

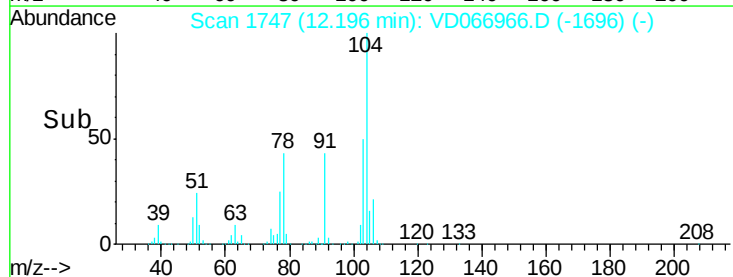
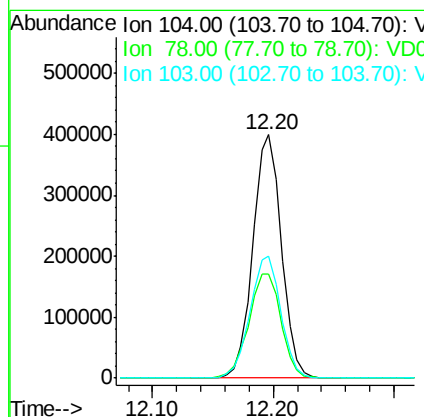
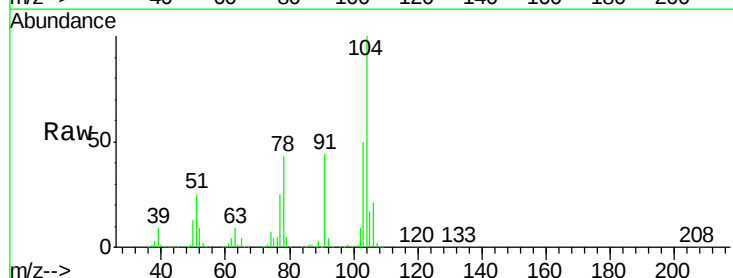
Manual Integrations
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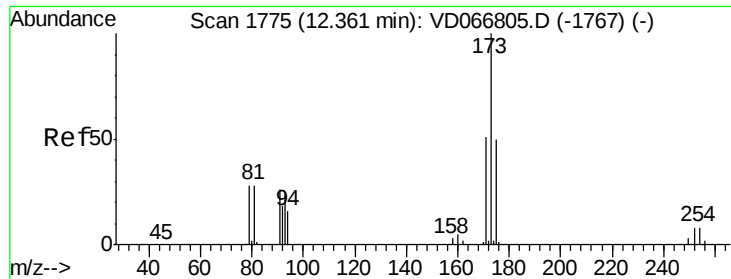
MMDadoda
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#70
Styrene
Concen: 54.024 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion:104 Resp: 662325
Ion Ratio Lower Upper
104 100
78 48.5 38.9 58.3
103 54.0 43.2 64.8





#71

Bromoform

Concen: 52.589 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

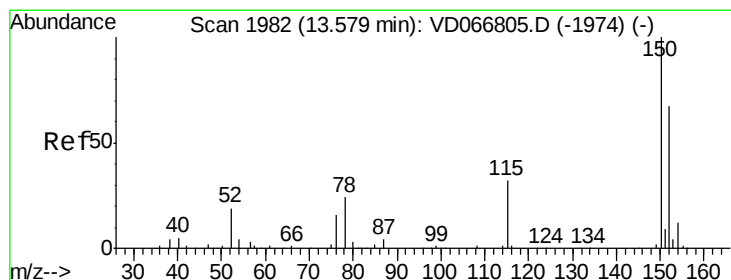
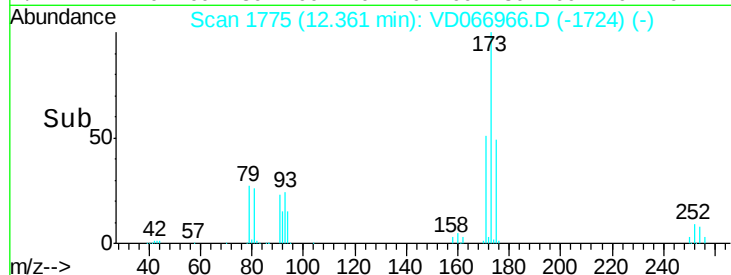
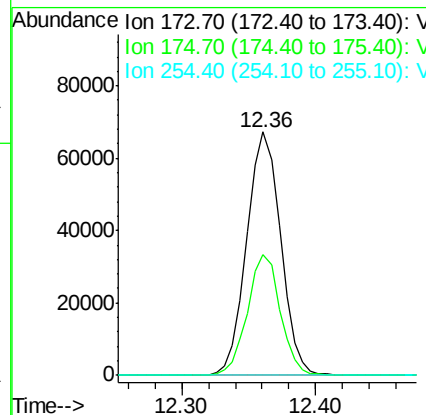
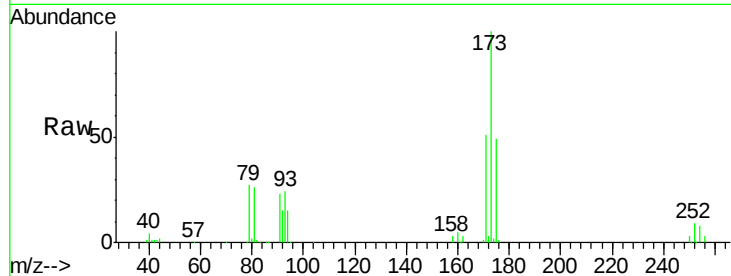
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	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

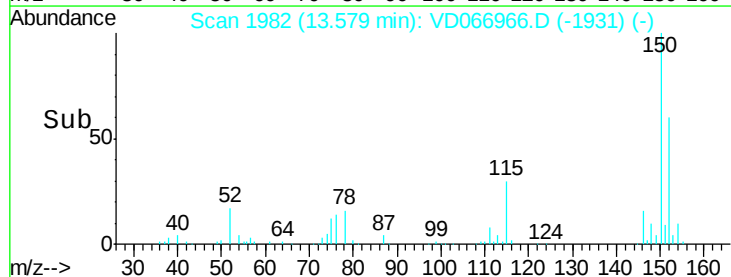
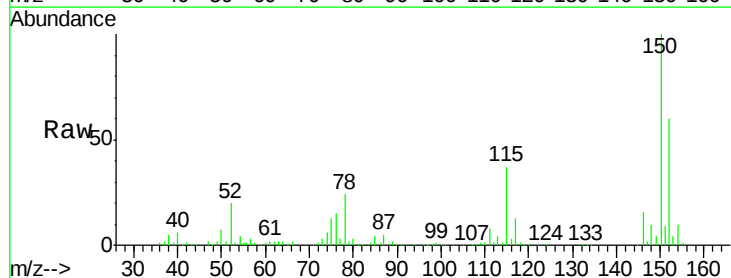
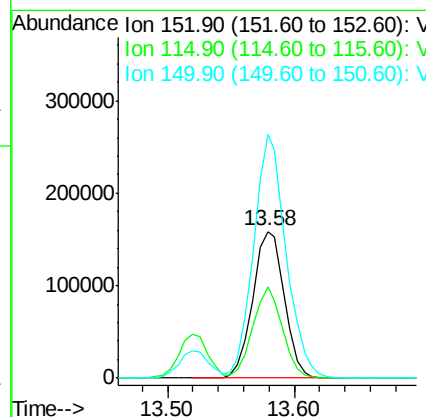
RT: 13.58 min Scan# 1982

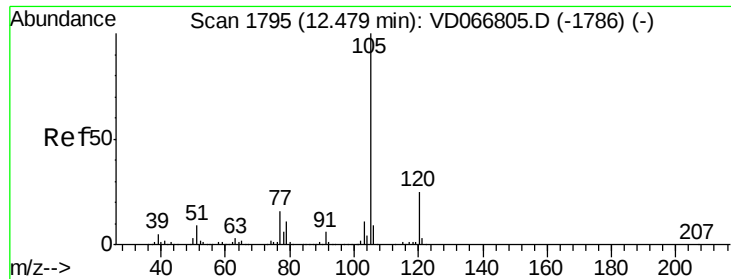
Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	30.3	91.0
150	171.3	0.0	346.2





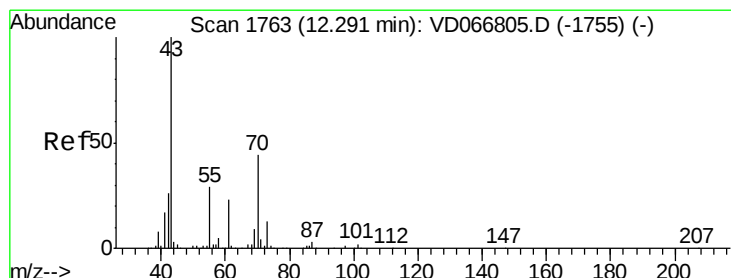
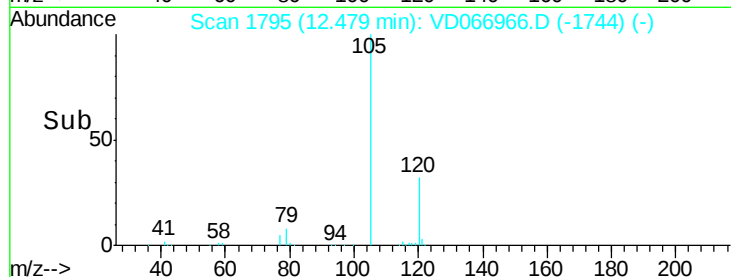
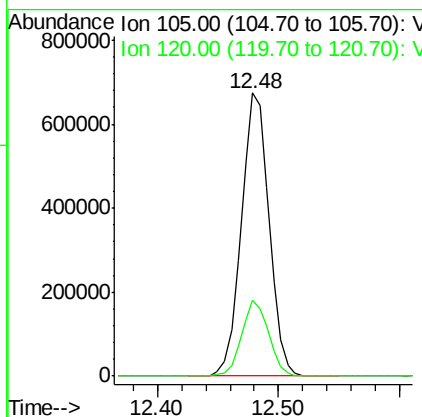
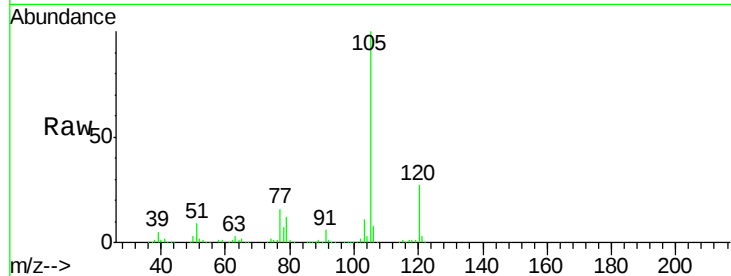
#73
Isopropylbenzene
Concen: 54.537 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1080013
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

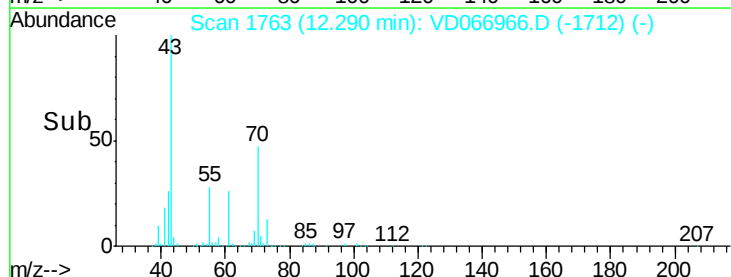
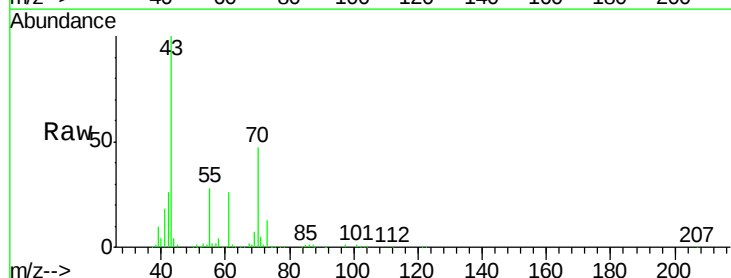
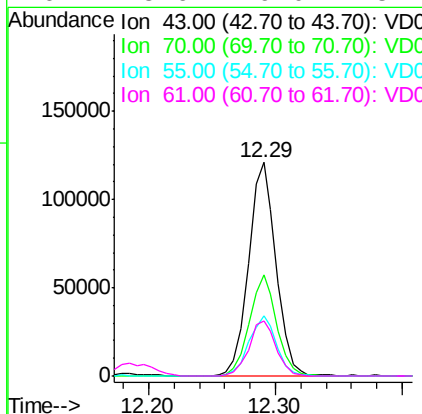
Manual Integrations
APPROVED

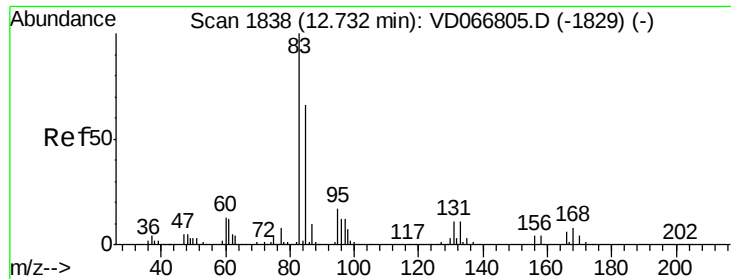
MMDadoda
10/1/2020 2:41:45 PM



#74
N-ethyl acetate
Concen: 46.960 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion: 43 Resp: 181609
Ion Ratio Lower Upper
43 100
70 47.0 36.1 54.1
55 28.1 21.8 32.8
61 25.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.773 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

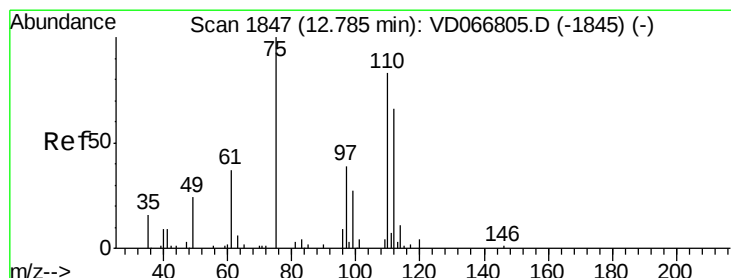
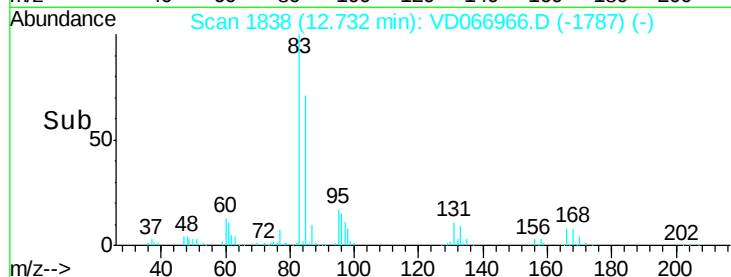
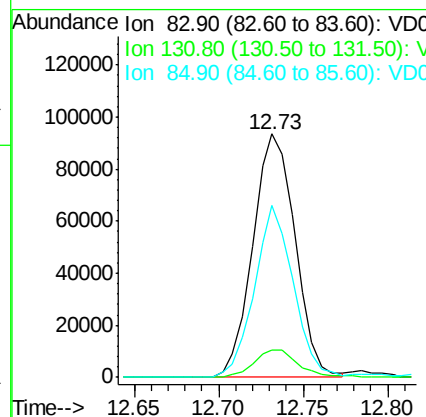
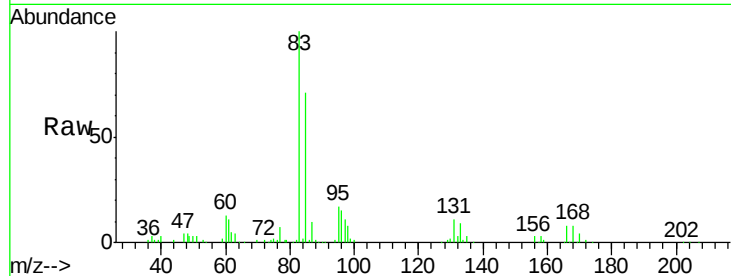
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	163250
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.5	16.7
85	65.0	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.705 ug/l m

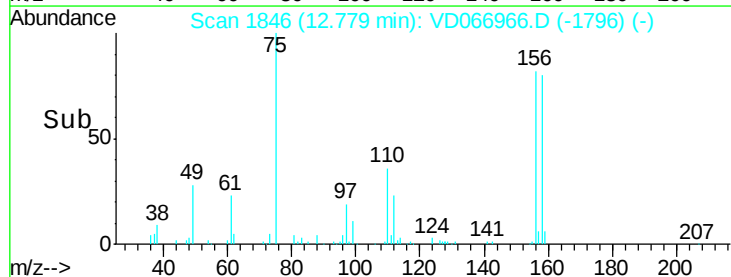
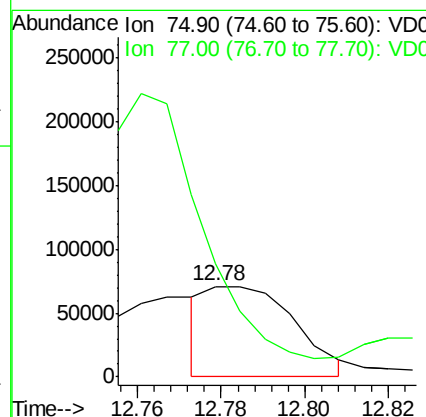
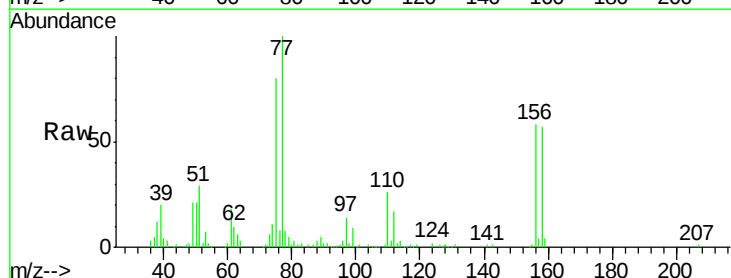
RT: 12.78 min Scan# 1846

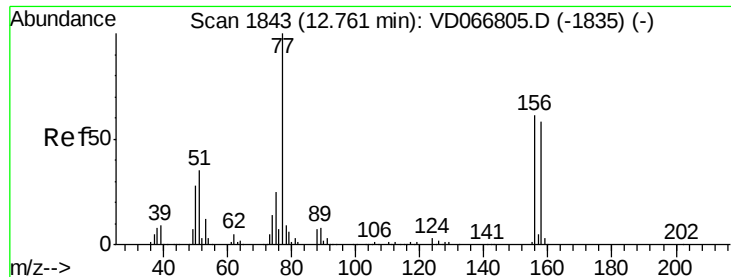
Delta R.T. -0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	75	Resp:	103833
Ion Ratio	Lower	Upper	
75	100		
77	399.7	0.0	0.0#





#77

Bromobenzene

Concen: 52.104 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

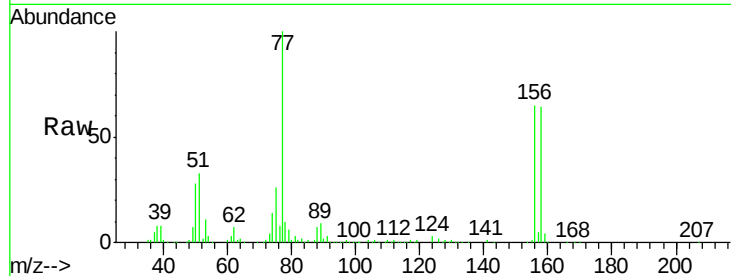
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	241326
Ion Ratio	Lower	Upper	
156	100		
77	172.0	92.3	276.9
158	97.0	47.6	142.9

Manual Integrations
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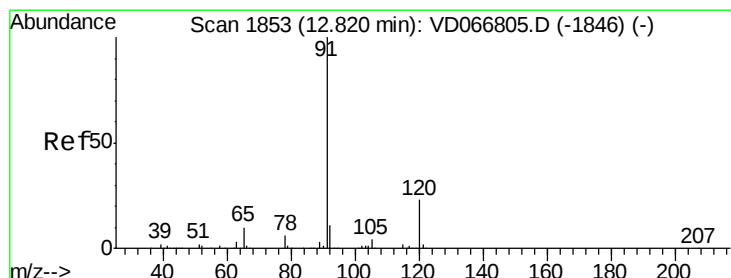
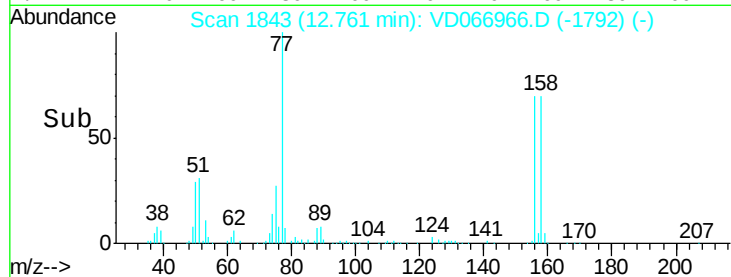
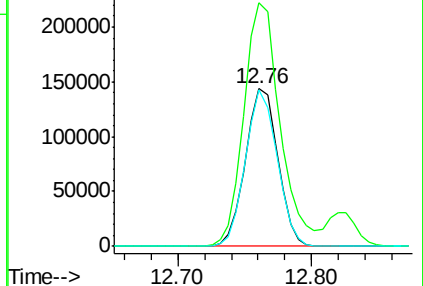
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.152 ug/l

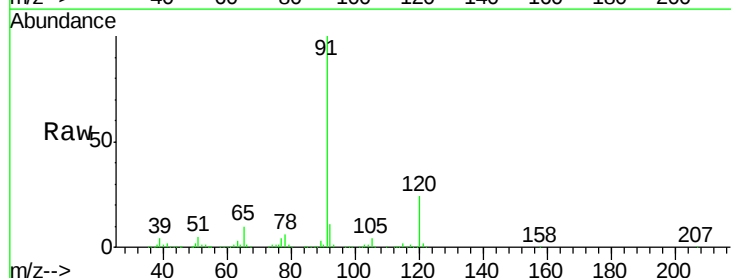
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066966.D

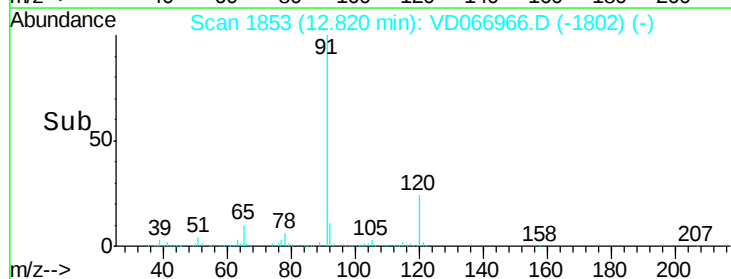
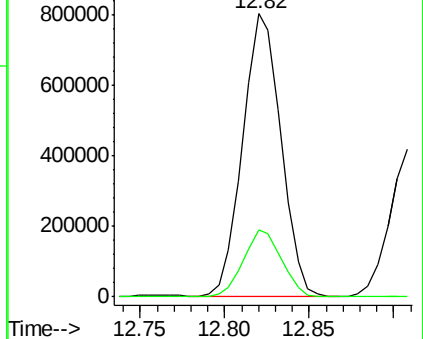
Acq: 30 Sep 2020 10:39

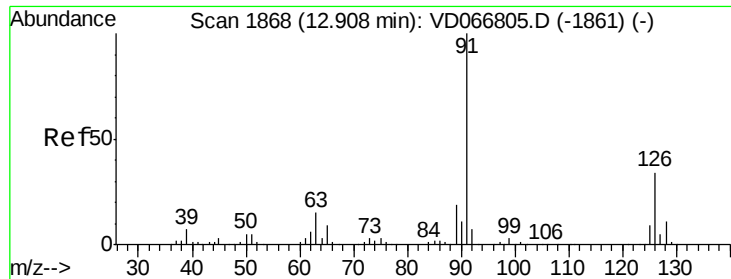
Tgt Ion:	91	Resp:	1266312
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.482 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 698945

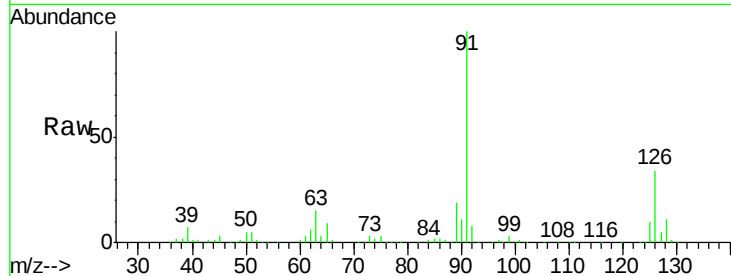
Ion Ratio Lower Upper

91 100

126 34.7 17.0 51.0

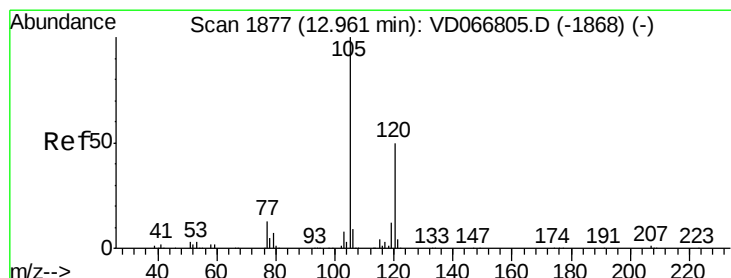
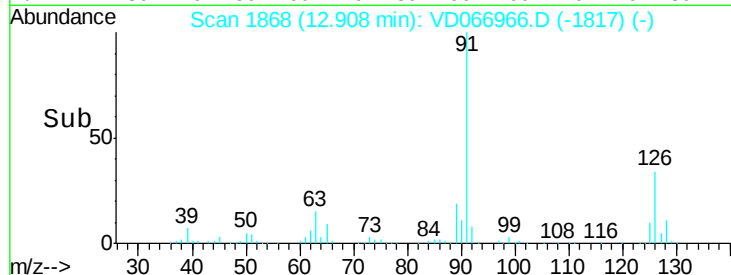
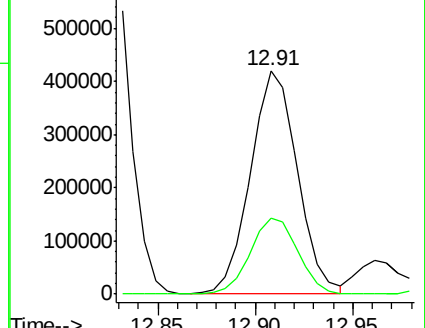
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Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066805.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.291 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066966.D

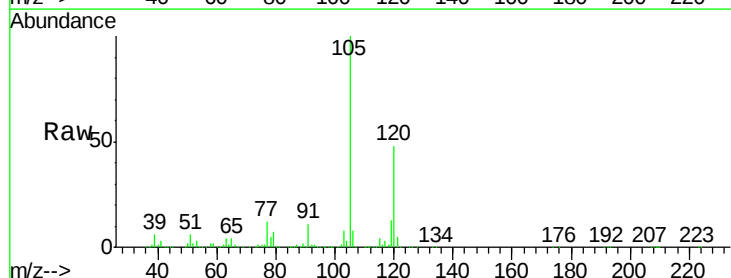
Acq: 30 Sep 2020 10:39

Tgt Ion: 105 Resp: 895477

Ion Ratio Lower Upper

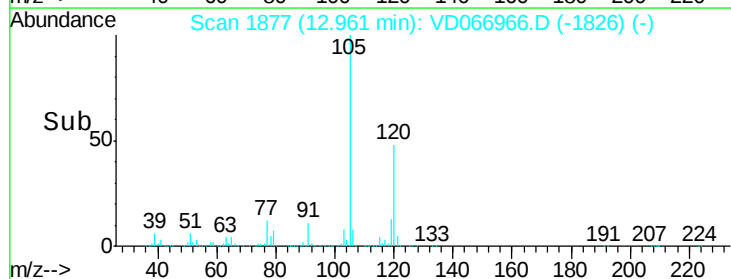
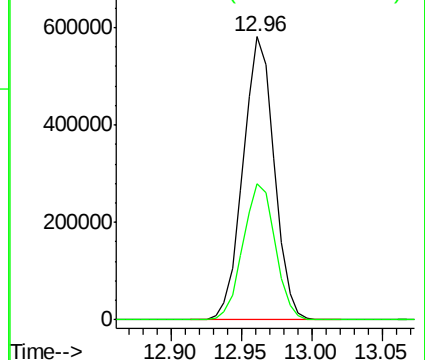
105 100

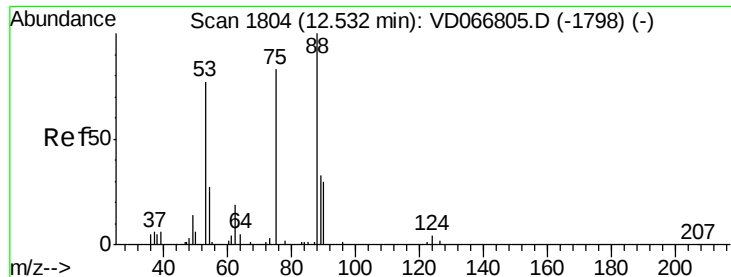
120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)

Ion 120.00 (119.70 to 120.70): VD066805.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.227 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

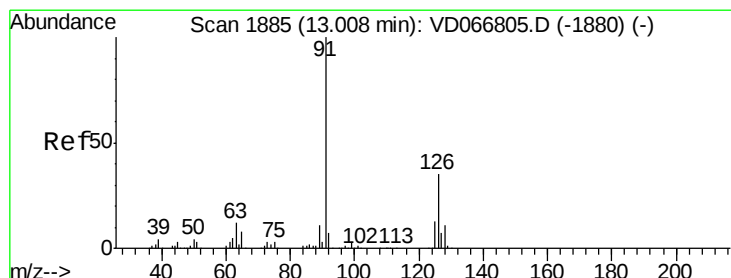
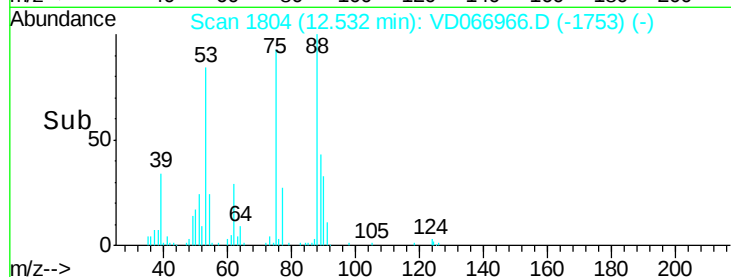
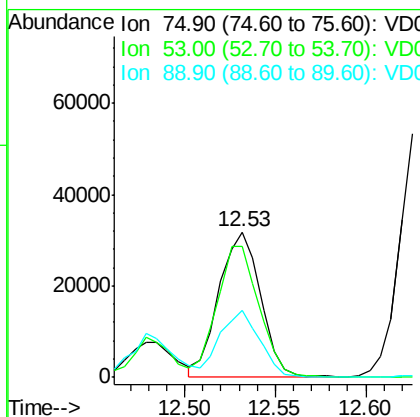
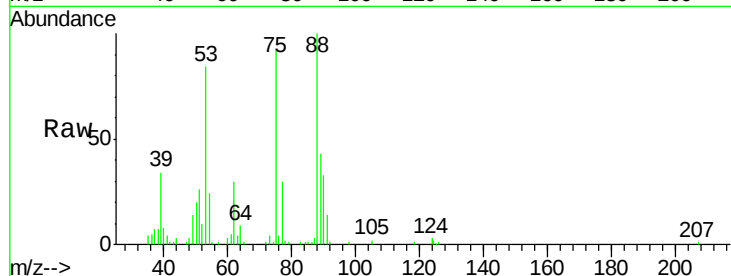
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	51056
Ion	Ratio	Lower	Upper
75	100		
53	91.4	78.5	117.7
89	43.8	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.924 ug/l

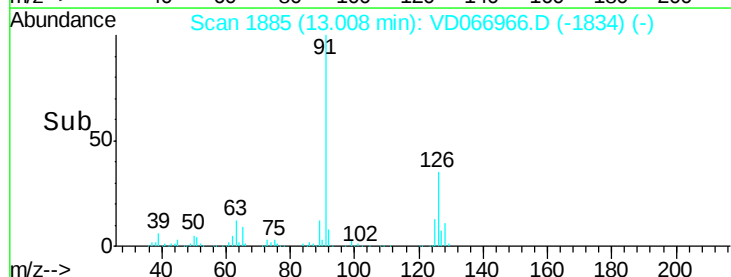
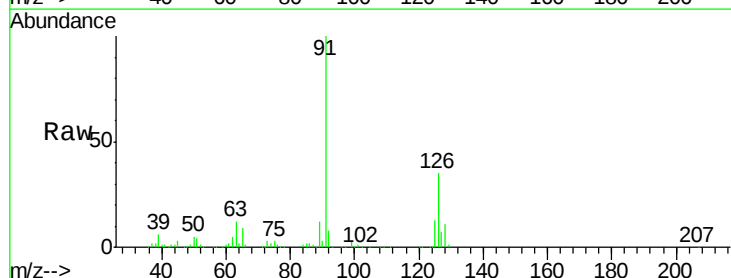
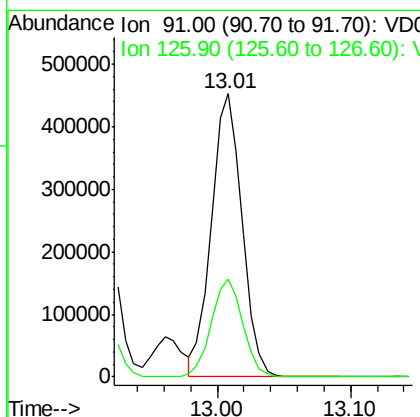
RT: 13.01 min Scan# 1885

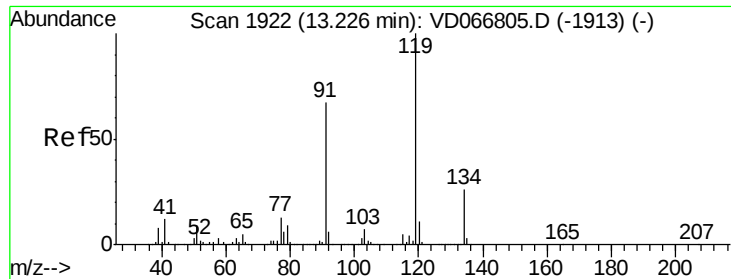
Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Tgt Ion:	91	Resp:	728801
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.1	51.2





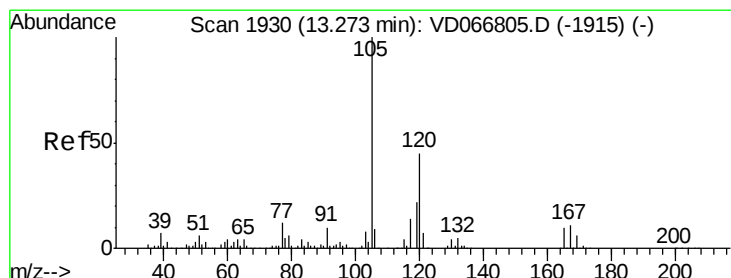
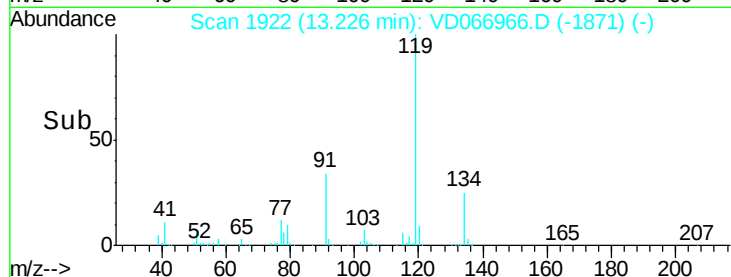
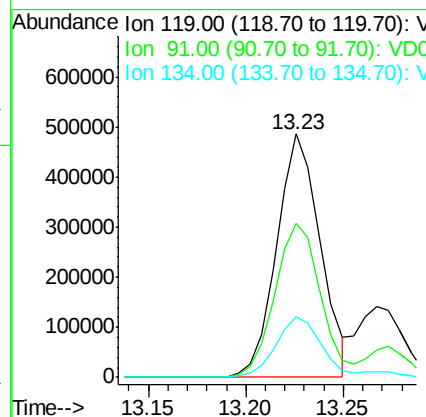
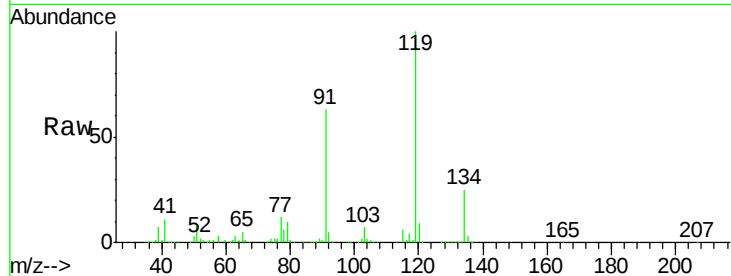
#83
 tert-Butylbenzene
 Concen: 54.477 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	752216		
91	66.4		33.6	100.8
134	27.6		13.5	40.4

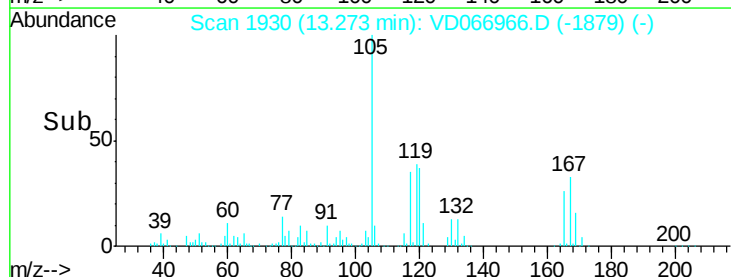
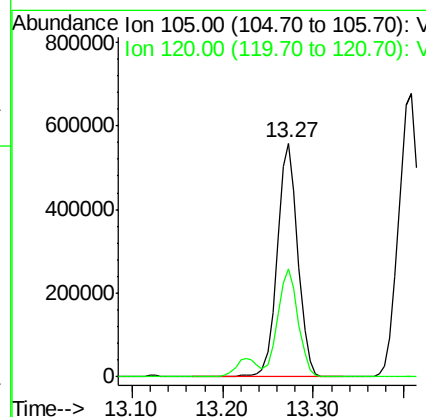
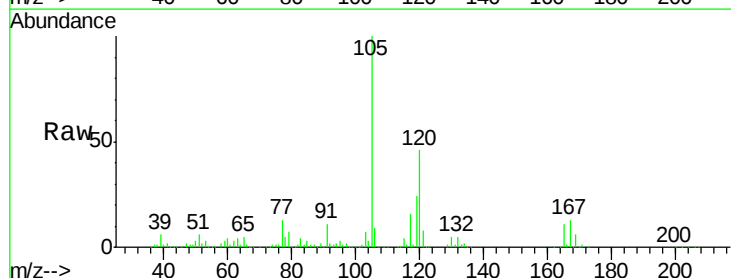
Manual Integrations
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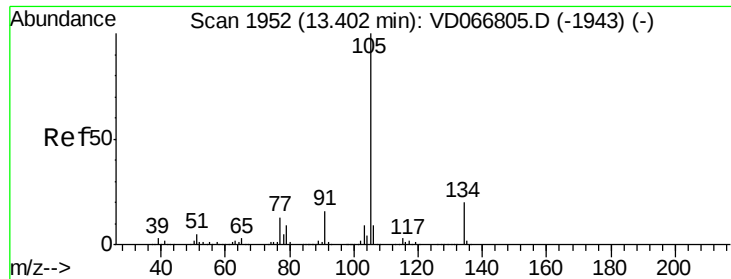
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.353 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	888995		
120	45.6		22.3	66.9





#85

sec-Butylbenzene

Concen: 54.613 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1084390

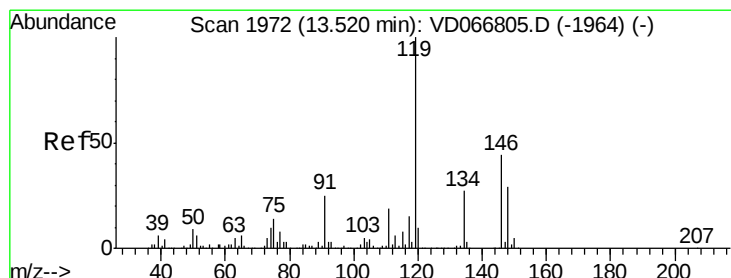
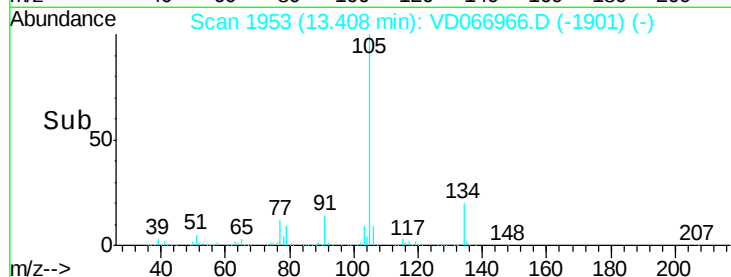
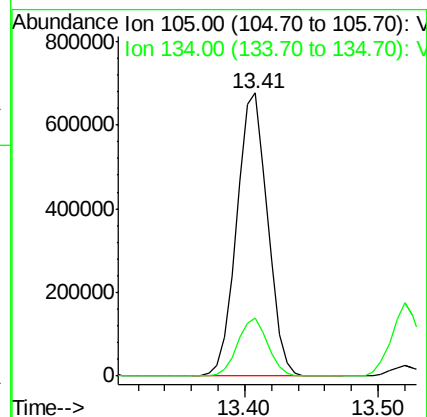
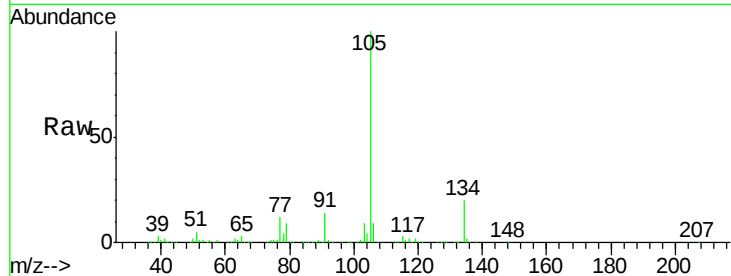
Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 55.220 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066966.D

Acq: 30 Sep 2020 10:39

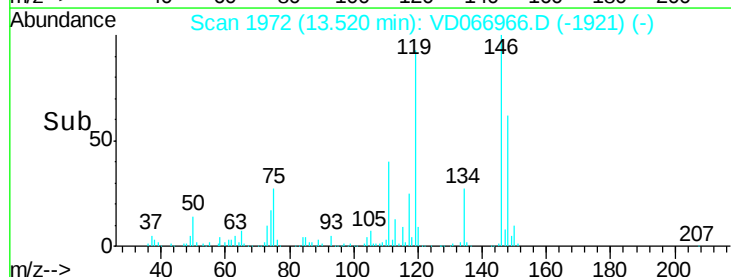
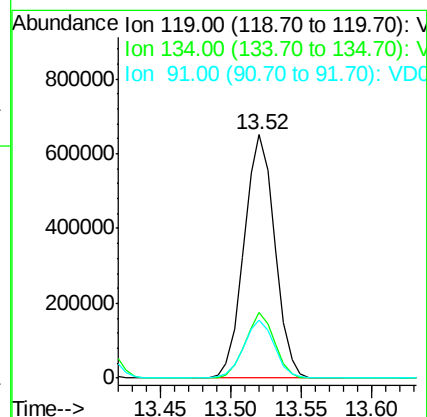
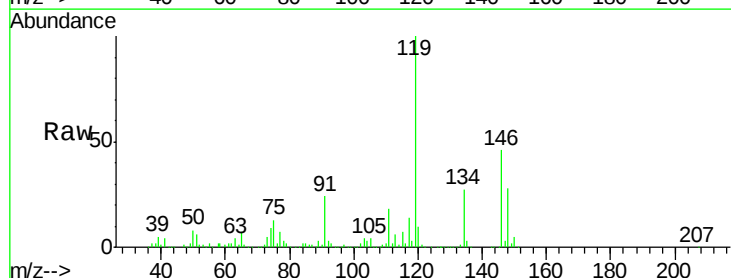
Tgt Ion:119 Resp: 988314

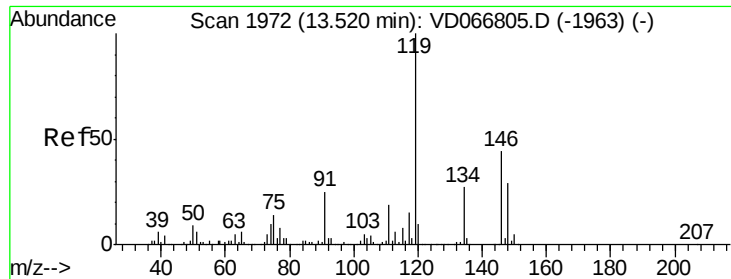
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.0 12.0 36.1





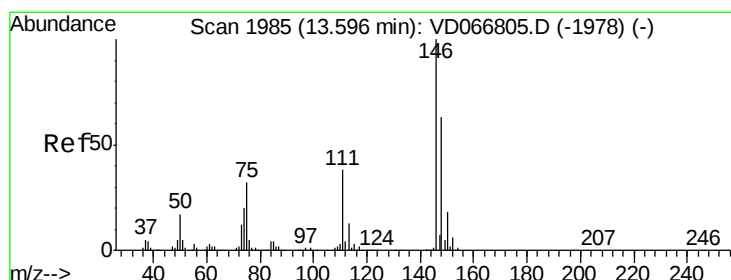
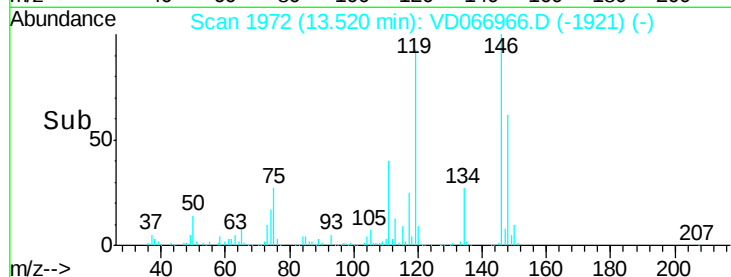
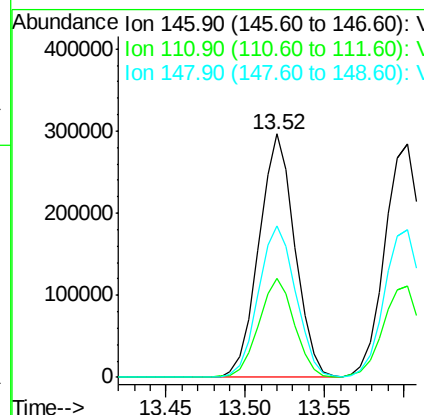
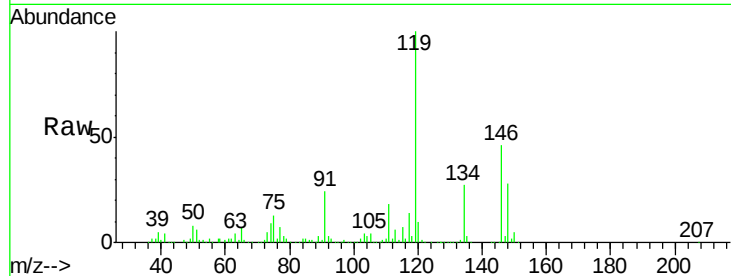
#87
 1,3-Dichlorobenzene
 Concen: 51.262 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	469064		
111	40.1	20.3	60.9	
148	64.4	31.9	95.5	

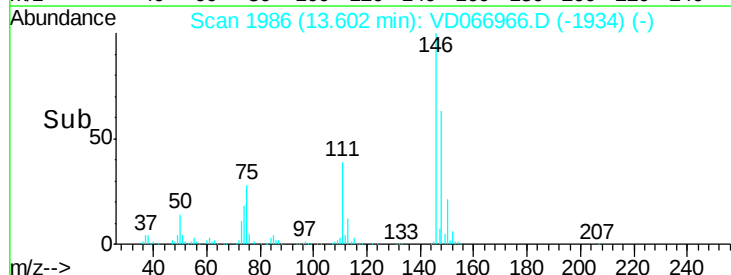
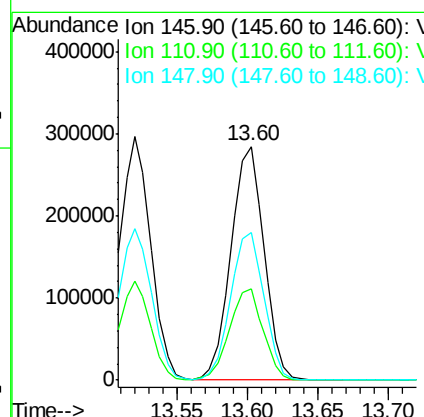
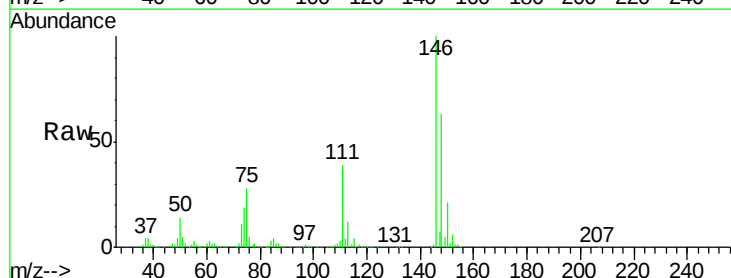
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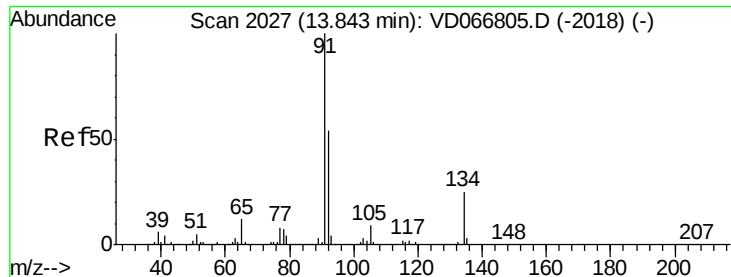
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#88
 1,4-Dichlorobenzene
 Concen: 51.158 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	464937		
111	39.8	20.2	60.5	
148	64.1	31.6	94.7	





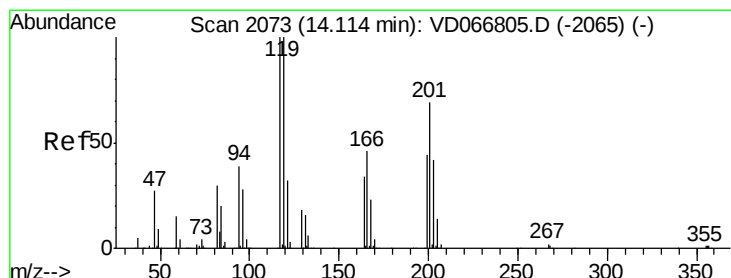
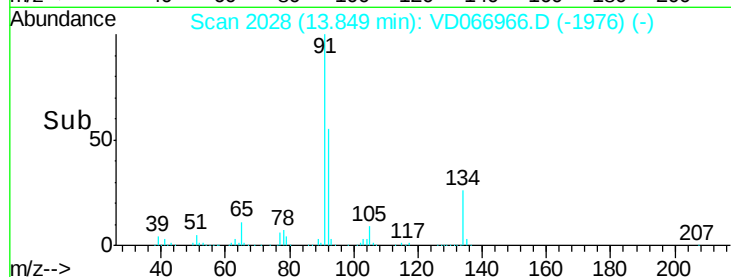
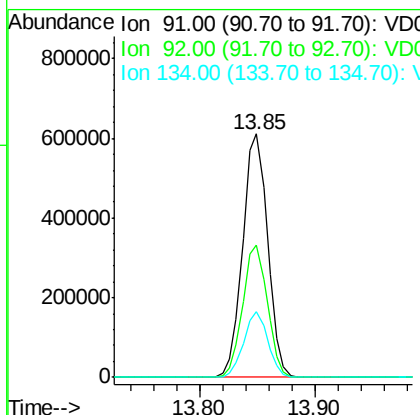
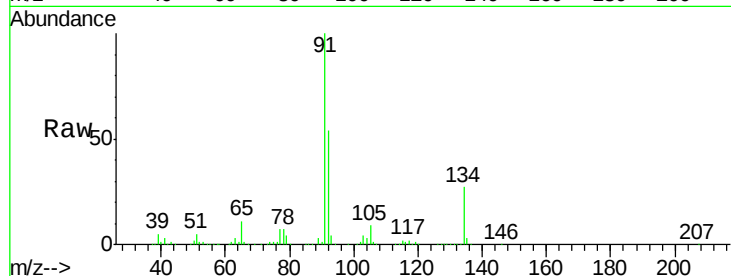
#89
n-Butylbenzene
Concen: 54.087 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	26.7	80.0	
134	26.4	13.1	39.1	

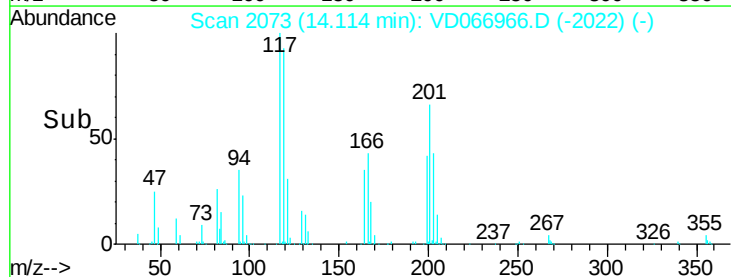
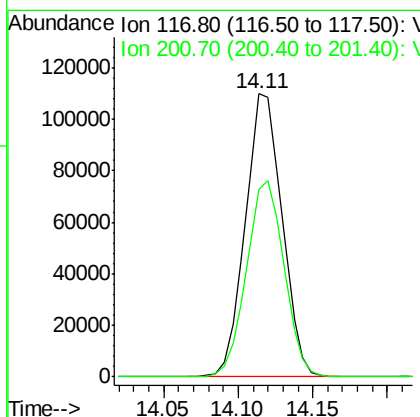
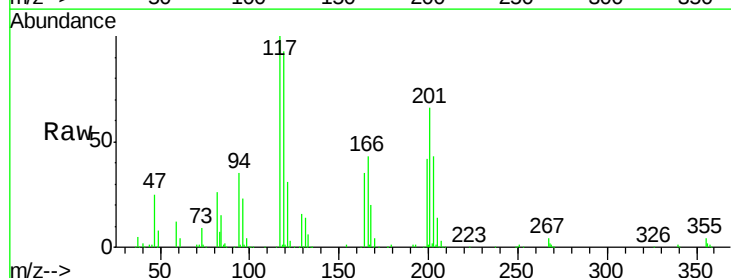
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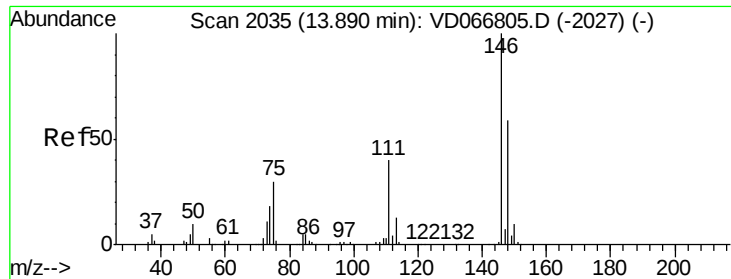
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#90
Hexachloroethane
Concen: 51.526 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	70.6	33.7	101.0	





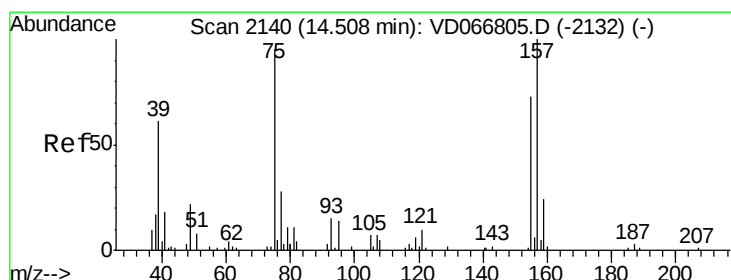
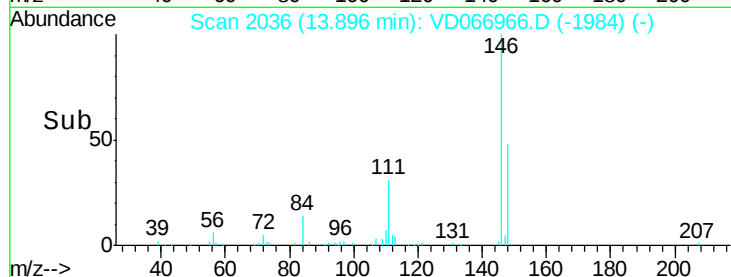
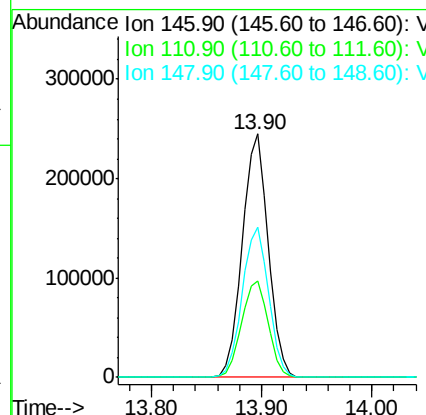
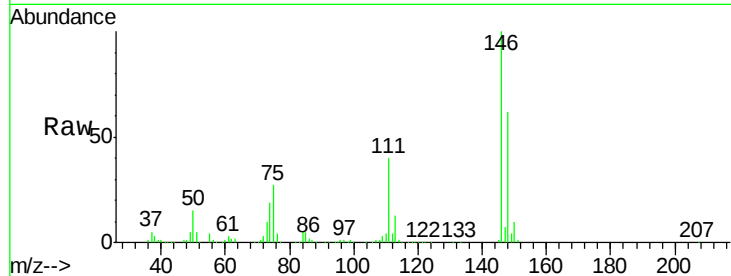
#91
 1,2-Dichlorobenzene
 Concen: 51.639 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.9	62.7
148	62.8	31.8	95.3

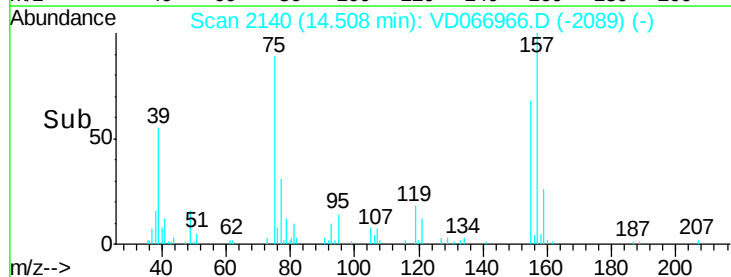
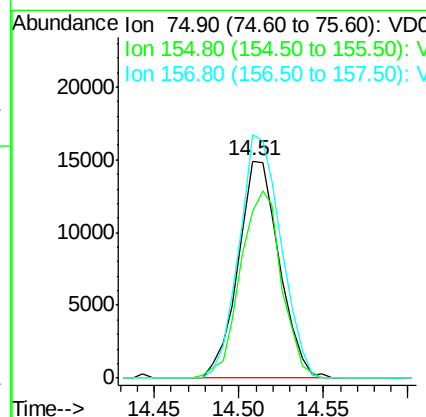
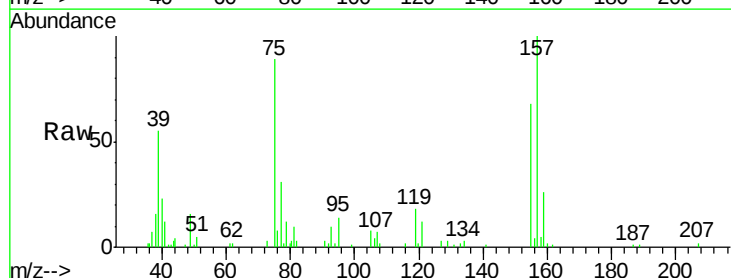
Manual Integrations
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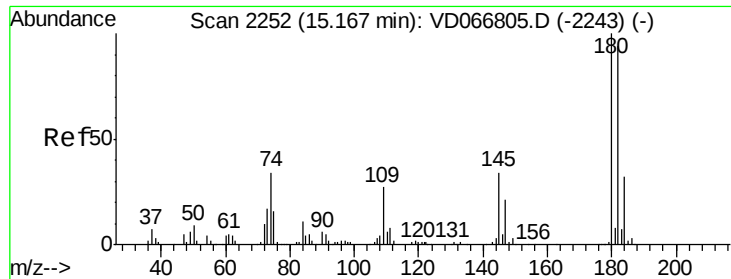
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.961 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	40.4	121.2
157	113.8	51.3	153.9





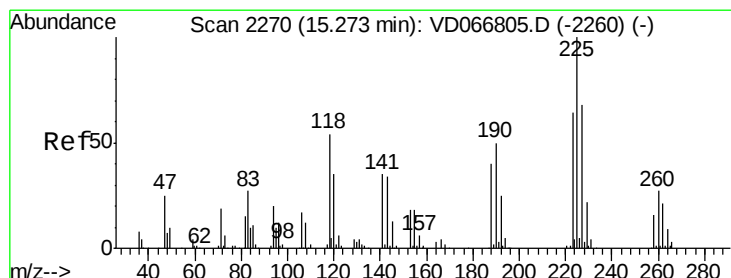
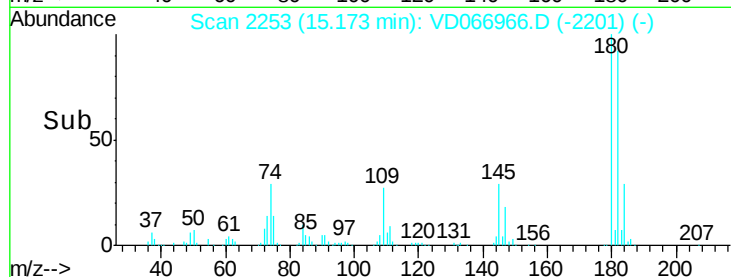
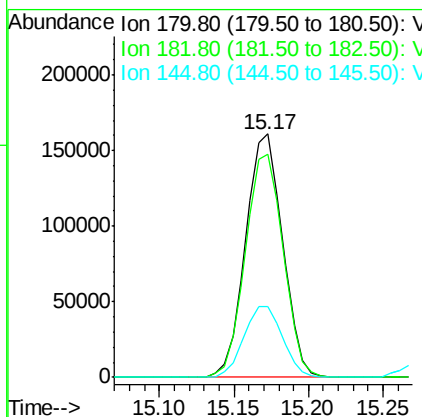
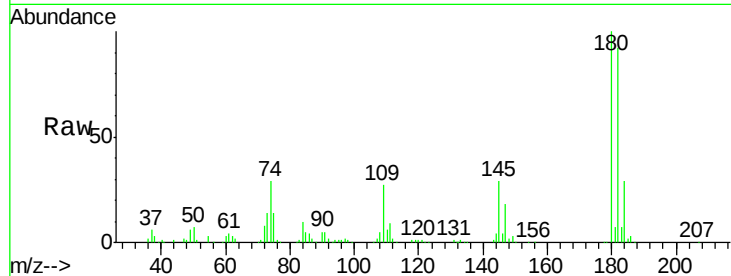
#93
 1,2,4-Trichlorobenzene
 Concen: 55.898 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	275476		
182	93.9	48.8	146.3	
145	30.8	16.7	50.0	

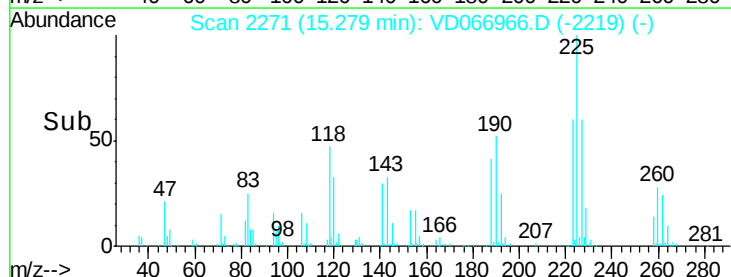
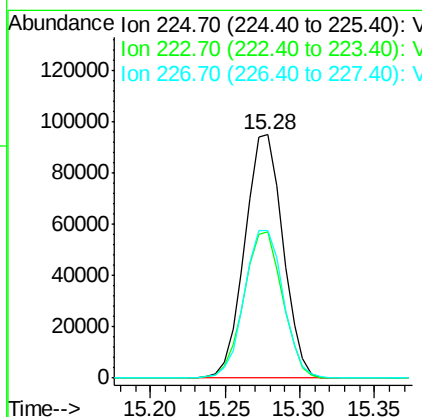
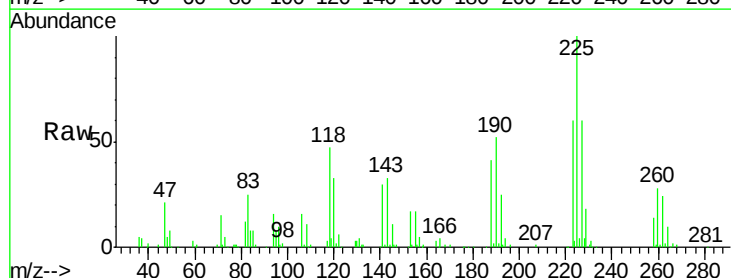
Manual Integrations
 APPROVED

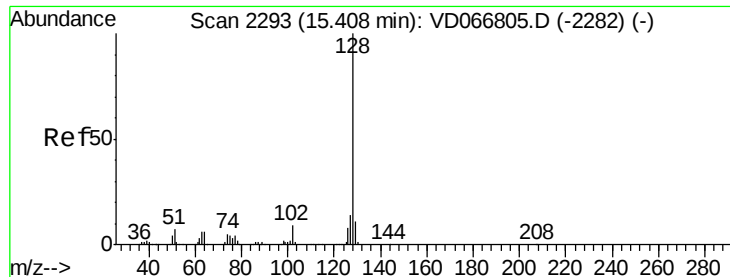
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 10/1/2020 2:41:45 PM



#94
 Hexachlorobutadiene
 Concen: 56.706 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066966.D
 Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167463		
223	60.9	31.1	93.3	
227	62.4	31.7	95.1	





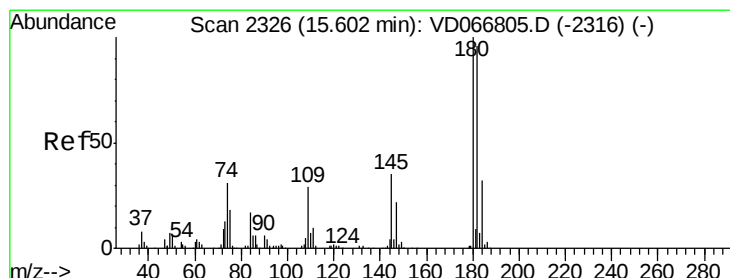
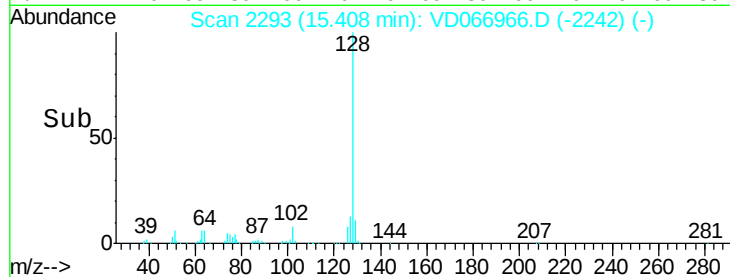
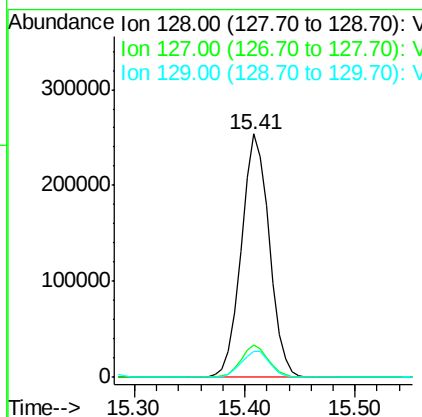
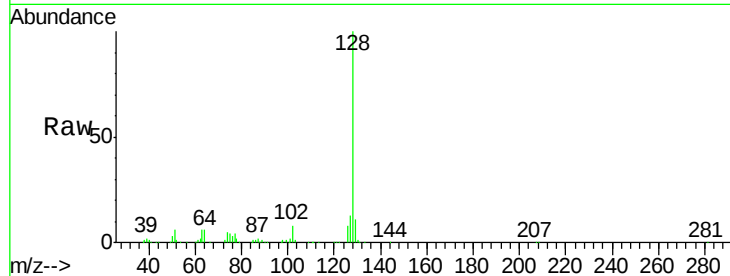
#95
Naphthalene
Concen: 53.968 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	451543		
127	13.0		10.6	16.0
129	11.2		8.9	13.3

Manual Integrations
APPROVED

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10/1/2020 2:41:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.253 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066966.D
Acq: 30 Sep 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226514		
182	98.0		46.8	140.3
145	35.0		17.0	51.0

