

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066665.D
 Acq On : 14 Sep 2020 11:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:46 PM

Quant Time: Sep 15 01:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	638840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	561739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224249	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.91	113	217224	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.34	98	802592	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.63	95	259446	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	166665	50.235	ug/l	91
3) Chloromethane	2.21	50	204799	40.292	ug/l	97
4) Vinyl Chloride	2.35	62	221105	39.220	ug/l	99
5) Bromomethane	2.77	94	153561	42.394	ug/l	89
6) Chloroethane	2.93	64	137608	38.430	ug/l	100
7) Trichlorofluoromethane	3.27	101	396464	47.606	ug/l	93
8) Diethyl Ether	3.71	74	100041	47.704	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	225149	49.953	ug/l	98
10) Methyl Iodide	4.30	142	214028	51.893	ug/l	98
11) Tert butyl alcohol	5.22	59	71678	232.473	ug/l	98
12) 1,1-Dichloroethene	4.06	96	202679	50.052	ug/l	92
13) Acrolein	3.92	56	48032	241.568	ug/l	96
14) Allyl chloride	4.71	41	328742	49.536	ug/l	98
15) Acrylonitrile	5.42	53	224564	249.273	ug/l	99
16) Acetone	4.16	43	265677	296.929	ug/l	98
17) Carbon Disulfide	4.41	76	618815	46.485	ug/l	98
18) Methyl Acetate	4.71	43	101895	47.773	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	484042	50.974	ug/l	97
20) Methylene Chloride	4.97	84	236423	48.254	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	240873	50.092	ug/l	97
22) Diisopropyl ether	6.36	45	680729	49.880	ug/l	98
23) Vinyl Acetate	6.30	43	1967285	253.312	ug/l	98
24) 1,1-Dichloroethane	6.26	63	422610	49.243	ug/l	98
25) 2-Butanone	7.21	43	309977	258.077	ug/l	97
26) 2,2-Dichloropropane	7.20	77	397279	50.466	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	265184	51.282	ug/l	97
28) Bromochloromethane	7.55	49	156640	47.408	ug/l	96
29) Tetrahydrofuran	7.56	42	179773	240.326	ug/l	98
30) Chloroform	7.71	83	444846	48.995	ug/l	96
31) Cyclohexane	7.98	56	373088	47.028	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	418237	48.995	ug/l	98
36) 1,1-Dichloropropene	8.11	75	345219	51.925	ug/l	99
37) Ethyl Acetate	7.29	43	129120	48.773	ug/l	99
38) Carbon Tetrachloride	8.09	117	376926	53.638	ug/l	96

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Manual Integrations
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Quant Time: Sep 15 01:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	409229	55.123	ug/l	97
40) Benzene	8.35	78	926046	50.858	ug/l	99
41) Methacrylonitrile	7.53	41	72195m	56.337	ug/l	
42) 1,2-Dichloroethane	8.42	62	283483	48.051	ug/l	99
43) Isopropyl Acetate	8.45	43	250890	49.452	ug/l	98
44) Trichloroethene	9.11	130	254548	53.295	ug/l	94
45) 1,2-Dichloropropane	9.38	63	230010	50.231	ug/l	94
46) Dibromomethane	9.47	93	124701	49.361	ug/l	97
47) Bromodichloromethane	9.66	83	343790	50.298	ug/l	97
48) Methyl methacrylate	9.45	41	133779	52.148	ug/l	98
49) 1,4-Dioxane	9.45	88	27179	980.630	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	660191	258.024	ug/l	100
52) Toluene	10.40	92	601490	52.185	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	317393	52.603	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	377439	52.090	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	168353	51.829	ug/l	94
56) Ethyl methacrylate	10.66	69	205113	54.233	ug/l	97
57) 1,3-Dichloropropane	10.94	76	289124	50.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	426214	246.382	ug/l	98
59) 2-Hexanone	10.98	43	468434	272.244	ug/l	98
60) Dibromochloromethane	11.14	129	221793	51.636	ug/l	98
61) 1,2-Dibromoethane	11.24	107	160810	50.887	ug/l	99
64) Tetrachloroethene	10.87	164	202527	53.547	ug/l	92
65) Chlorobenzene	11.67	112	611787	52.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	228604	51.664	ug/l	96
67) Ethyl Benzene	11.74	91	1151677	54.099	ug/l	98
68) m/p-Xylenes	11.85	106	883675	111.794	ug/l	98
69) o-Xylene	12.18	106	393997	55.618	ug/l	99
70) Styrene	12.20	104	684386	55.571	ug/l	100
71) Bromoform	12.36	173	116375	52.187	ug/l #	98
73) Isopropylbenzene	12.48	105	1099607	55.396	ug/l	98
74) N-amyl acetate	12.29	43	232741	51.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	176994	50.472	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	109530m	42.480	ug/l	
77) Bromobenzene	12.76	156	239037	54.015	ug/l	97
78) n-propylbenzene	12.82	91	1330061	55.274	ug/l	99
79) 2-Chlorotoluene	12.91	91	720520	53.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	913752	54.693	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	59924	54.259	ug/l	94
82) 4-Chlorotoluene	13.00	91	781307	54.123	ug/l	100
83) tert-Butylbenzene	13.23	119	774722	56.785	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	909852	54.699	ug/l	99
85) sec-Butylbenzene	13.40	105	1104089	56.170	ug/l	100
86) p-Isopropyltoluene	13.52	119	1002730	56.678	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	459197	52.267	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	456439	51.762	ug/l	98
89) n-Butylbenzene	13.84	91	959608	55.661	ug/l	99
90) Hexachloroethane	14.11	117	195540	51.296	ug/l	92
91) 1,2-Dichlorobenzene	13.89	146	395074	51.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28440	47.741	ug/l	96

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ClientSampleId :
VSTDCCC050

Manual Integrations
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Quant Time: Sep 15 01:33:15 2020
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	259105	56.222	ug/l	97
94) Hexachlorobutadiene	15.27	225	150229	54.259	ug/l	96
95) Naphthalene	15.41	128	460095	57.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	223881	56.980	ug/l	98

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

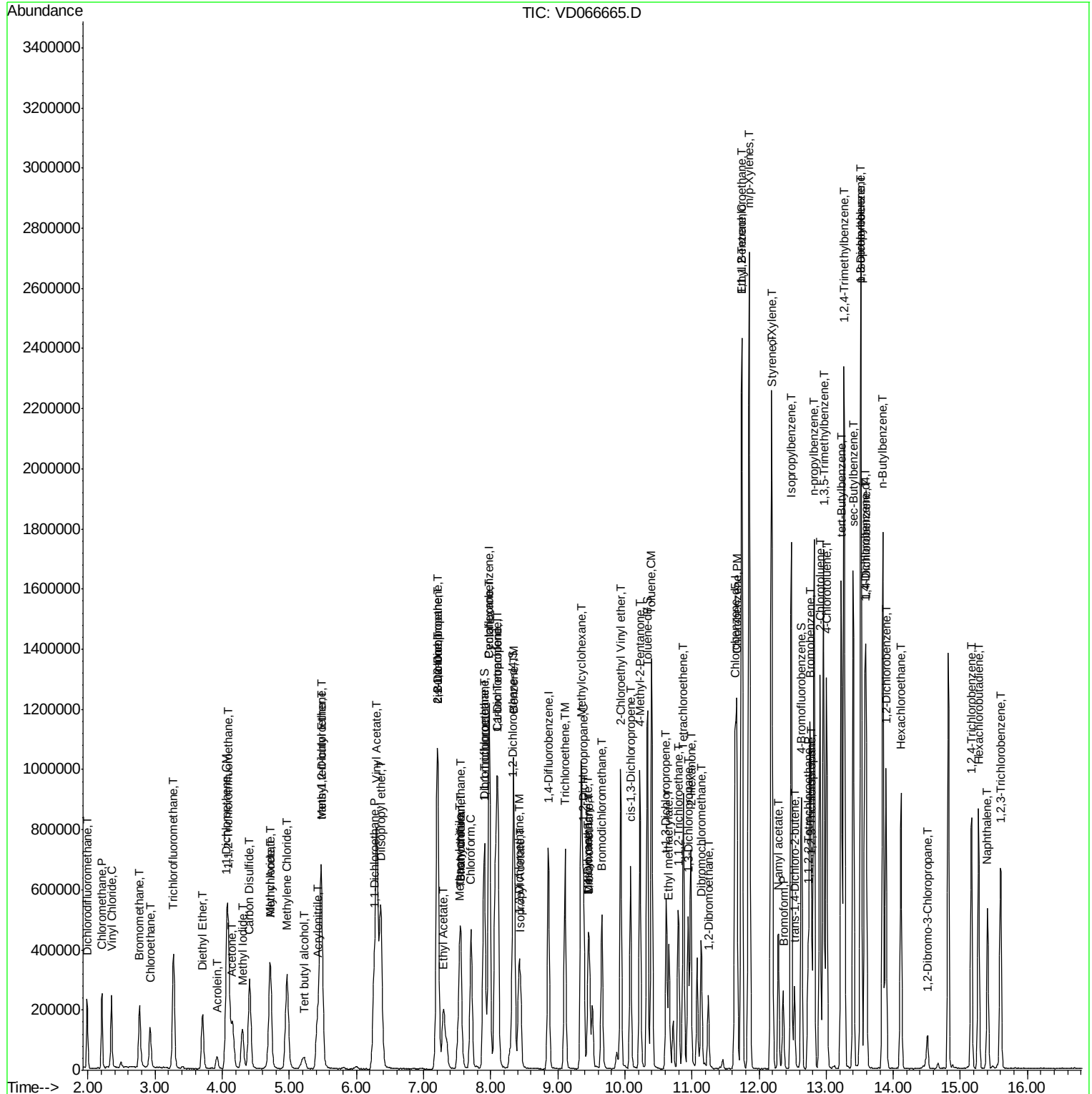
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066665.D
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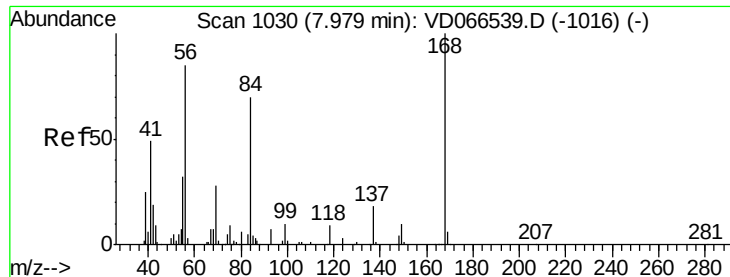
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 401920

Ion Ratio Lower Upper

168 100

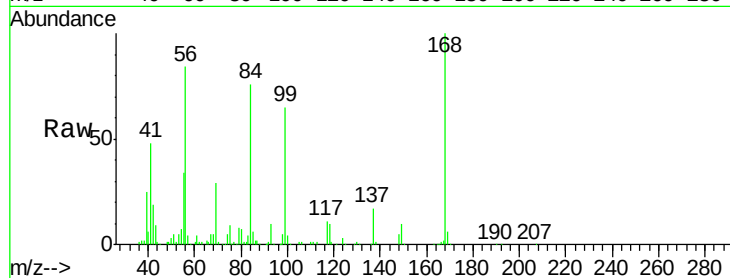
99 64.5 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

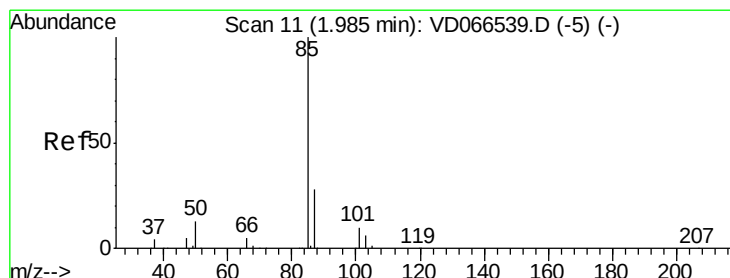
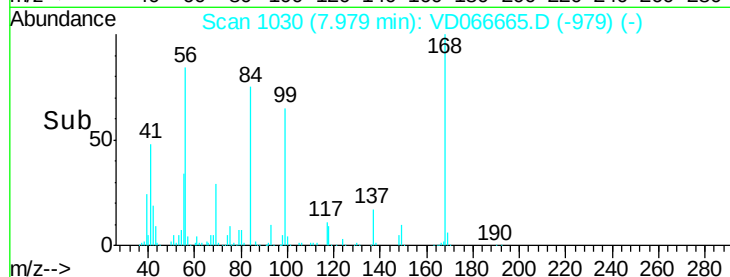
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.235 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066665.D

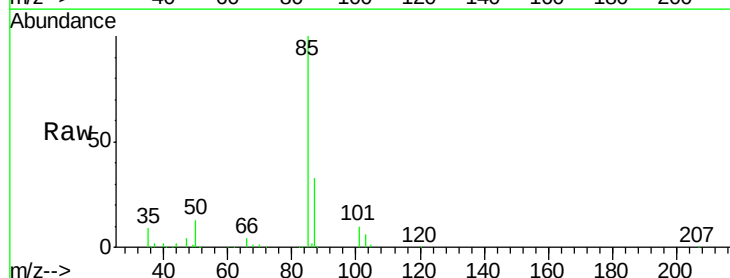
Acq: 14 Sep 2020 11:31

Tgt Ion: 85 Resp: 166665

Ion Ratio Lower Upper

85 100

87 33.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

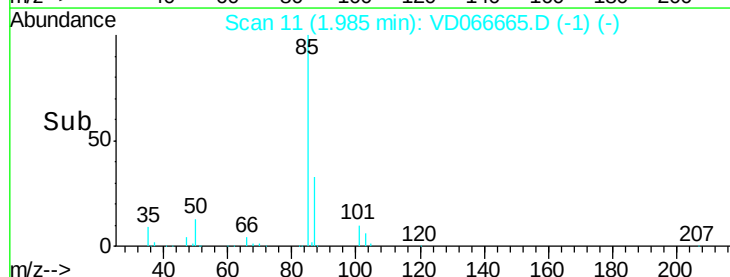
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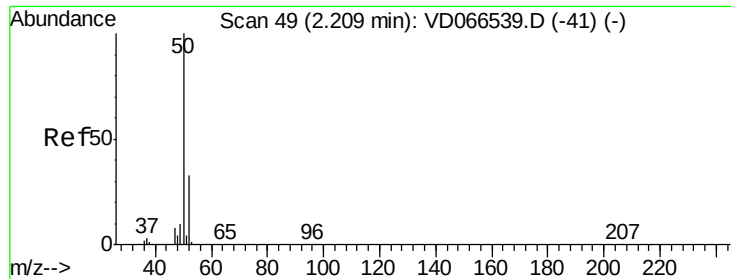
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.292 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 204799

Ion Ratio Lower Upper

50 100

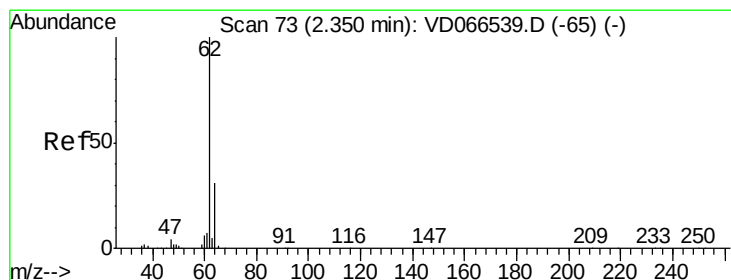
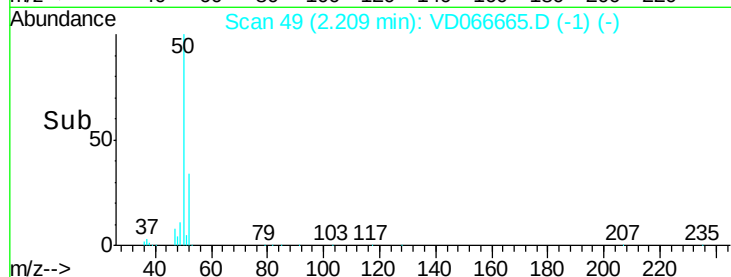
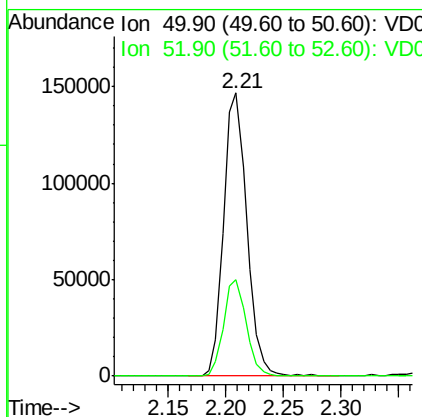
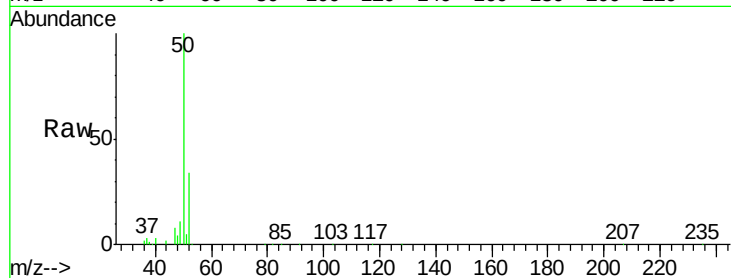
52 34.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 39.220 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066665.D

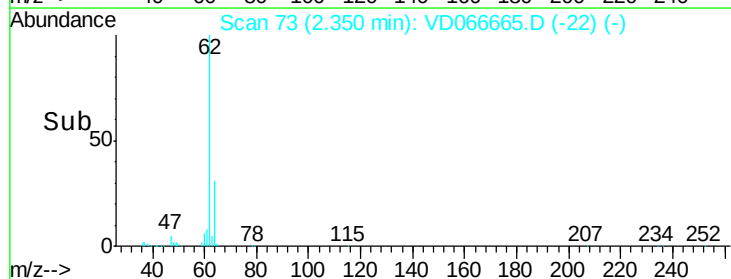
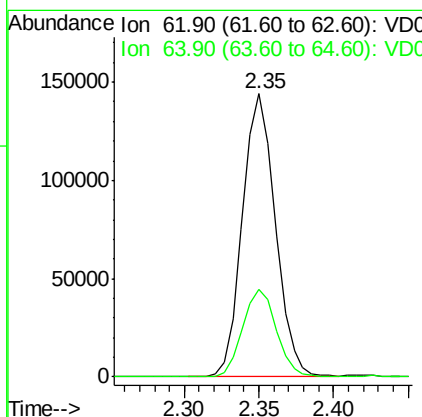
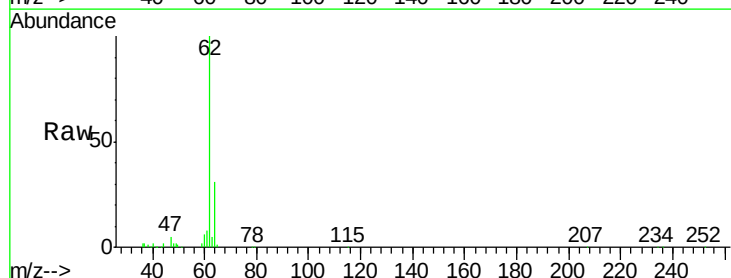
Acq: 14 Sep 2020 11:31

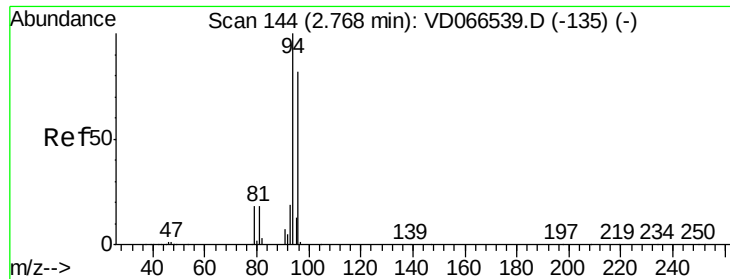
Tgt Ion: 62 Resp: 221105

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 42.394 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 153561

Ion Ratio Lower Upper

94 100

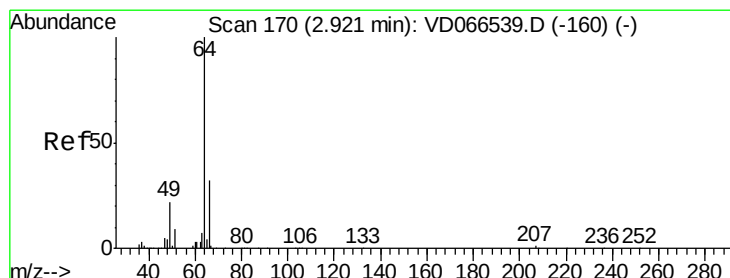
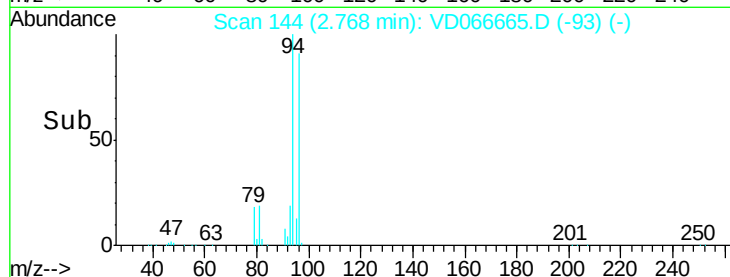
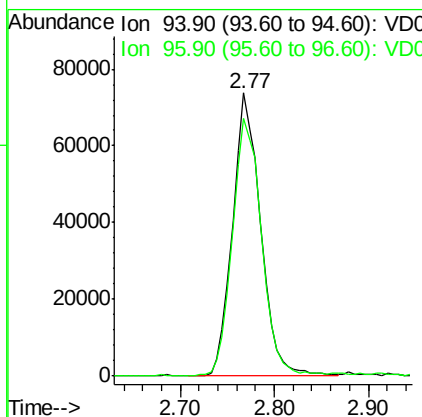
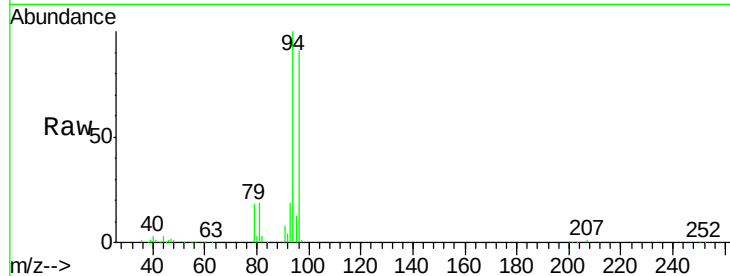
96 91.0 65.2 97.8

Manual Integrations

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#6

Chloroethane

Concen: 38.430 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066665.D

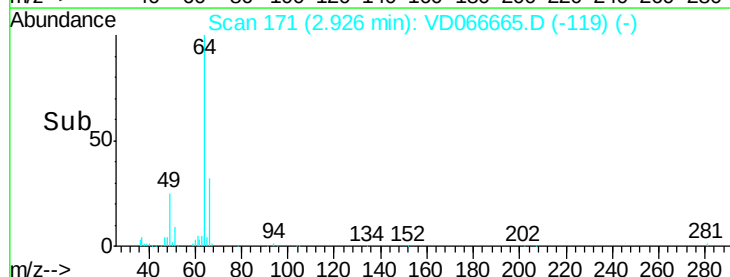
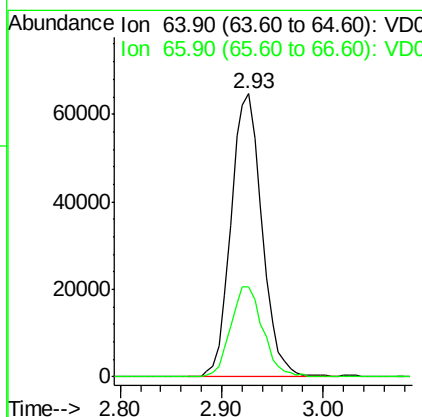
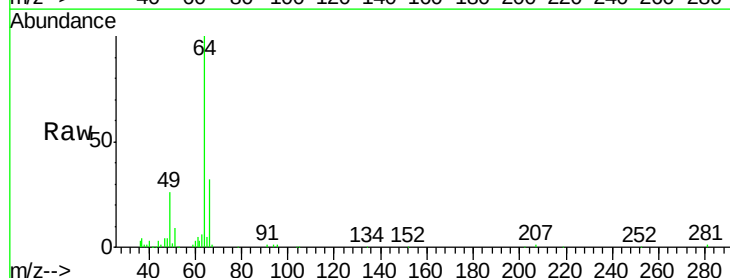
Acq: 14 Sep 2020 11:31

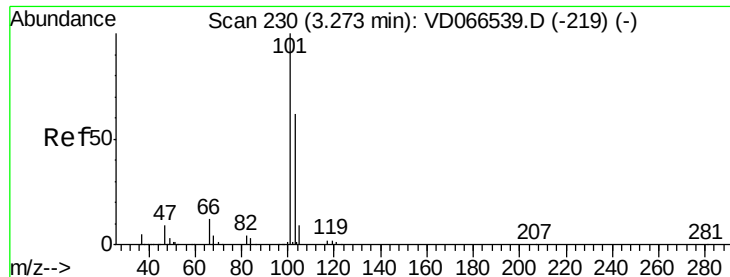
Tgt Ion: 64 Resp: 137608

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.0





#7

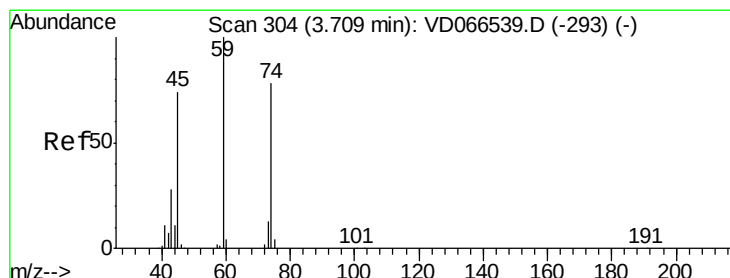
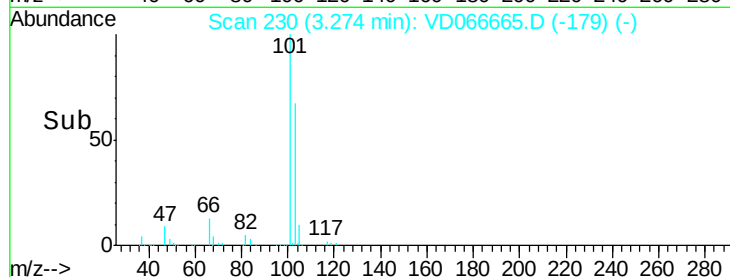
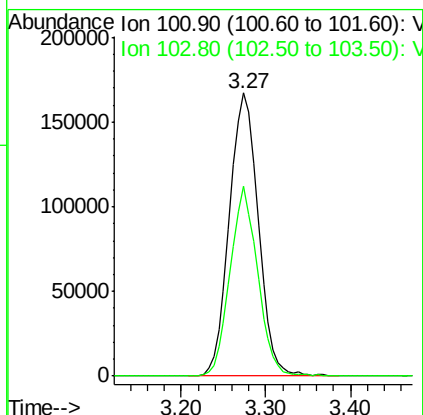
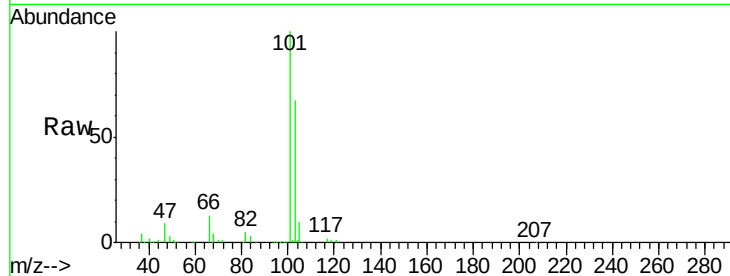
Trichlorofluoromethane
Concen: 47.606 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	396464		
103	67.2	49.7	74.5	

Manual Integrations
APPROVED

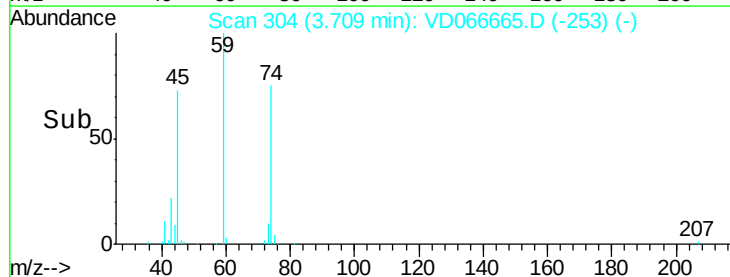
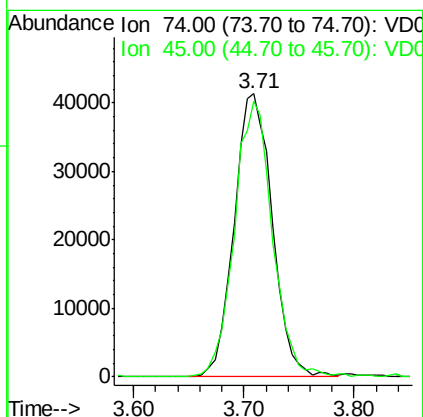
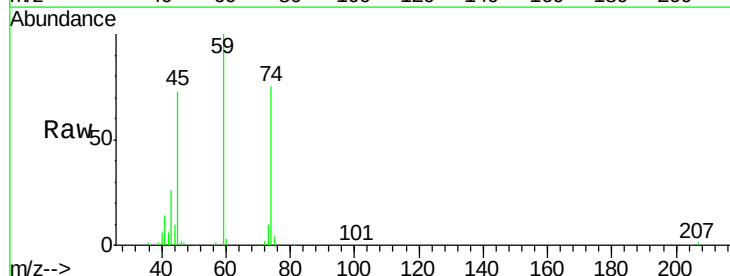
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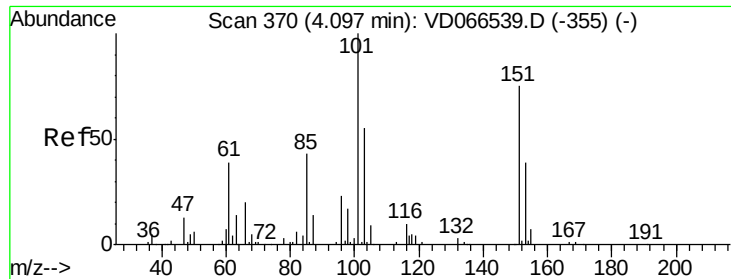


#8

Diethyl Ether
Concen: 47.704 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	100041		
45	97.2	49.7	149.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.953 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

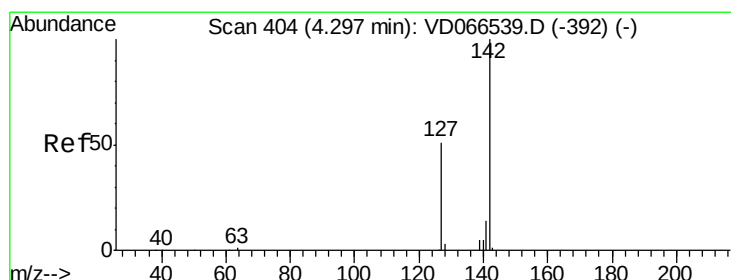
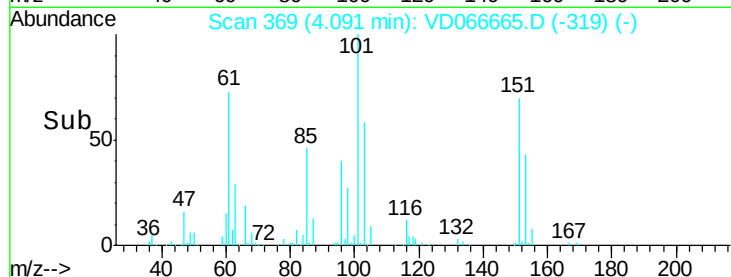
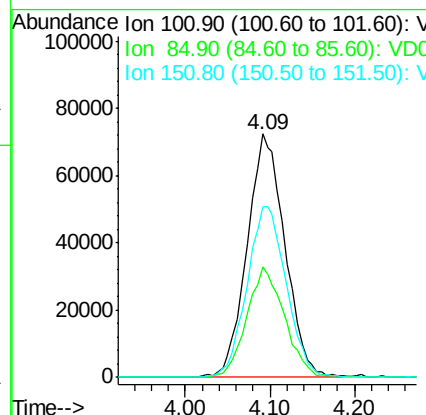
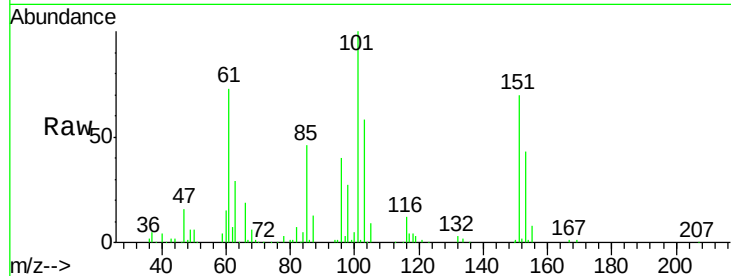
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	225149
Ion Ratio	Lower	Upper	
101	100		
85	45.2	37.0	55.6
151	72.8	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 51.893 ug/l

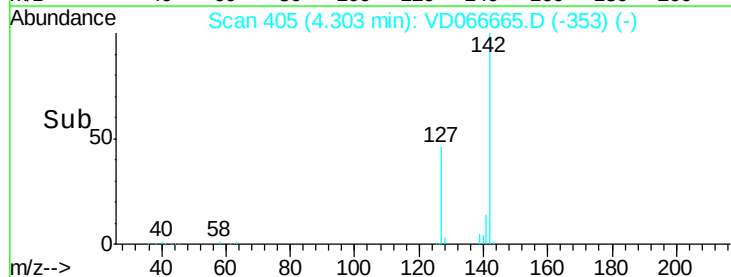
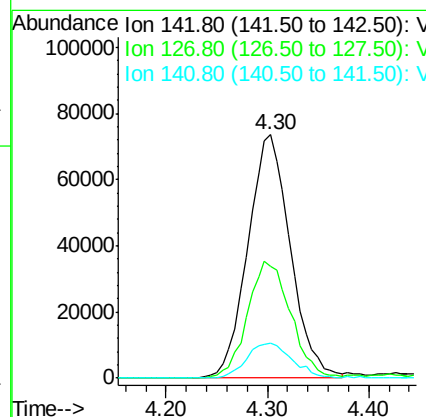
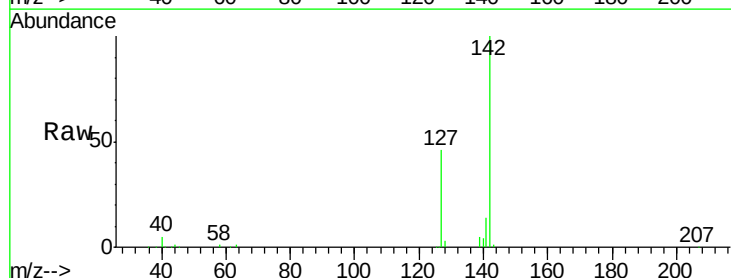
RT: 4.30 min Scan# 405

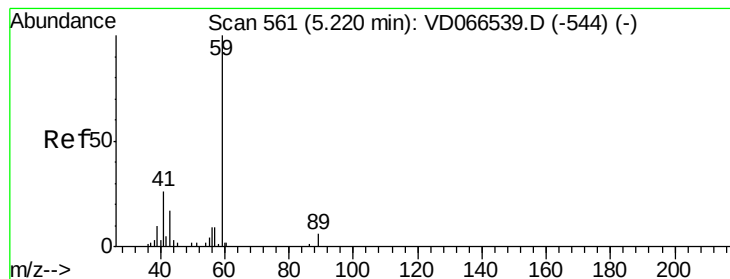
Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion:	142	Resp:	214028
Ion Ratio	Lower	Upper	
142	100		
127	48.7	40.6	61.0
141	15.2	12.2	18.4





#11

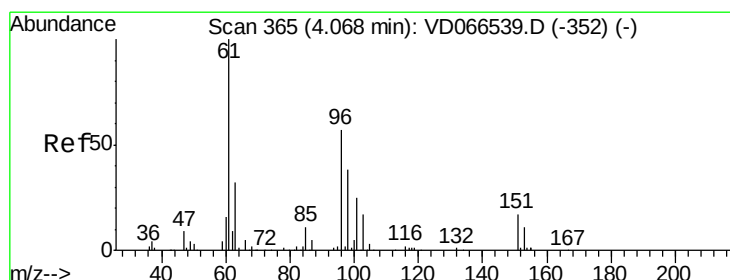
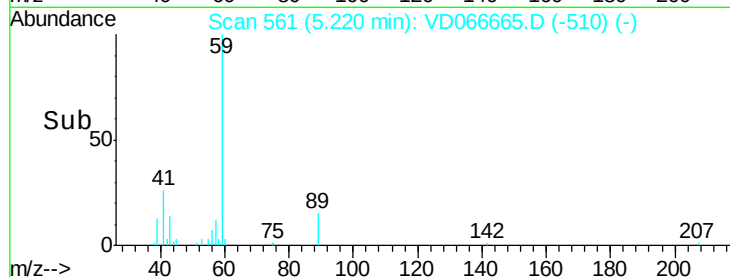
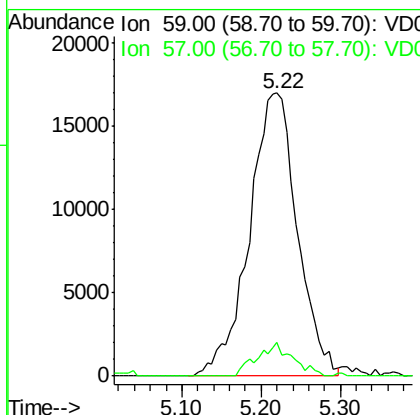
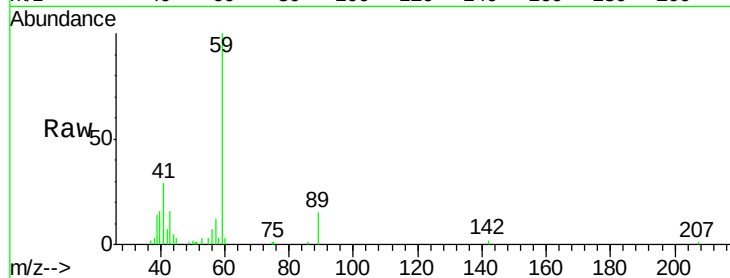
Tert butyl alcohol
 Concen: 232.473 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	7.6	11.4

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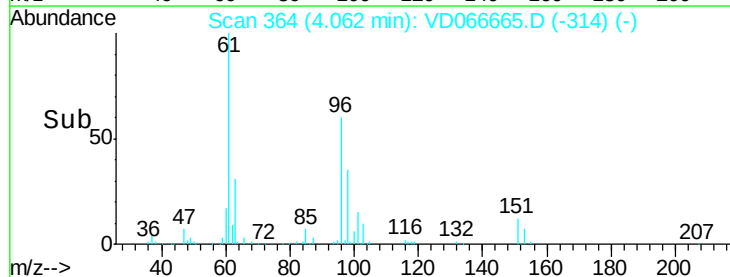
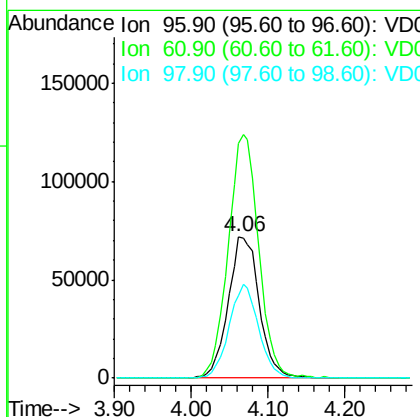
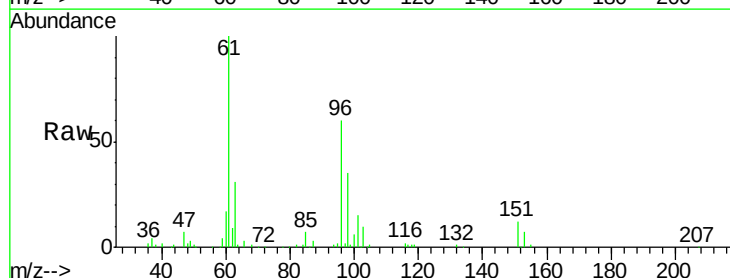
MMDadoda
 9/15/2020 2:27:46 PM

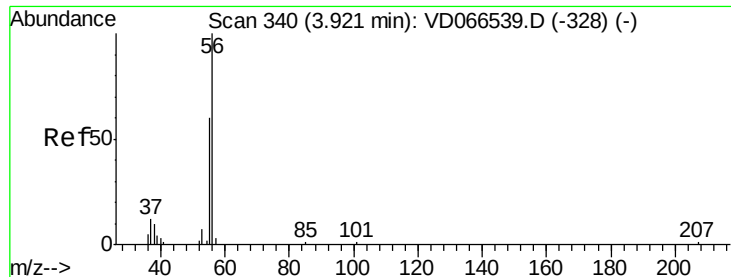


#12

1,1-Dichloroethene
 Concen: 50.052 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	140.9	211.3
98	58.2	53.2	79.8





#13

Acrolein

Concen: 241.568 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 48032

Ion Ratio Lower Upper

56 100

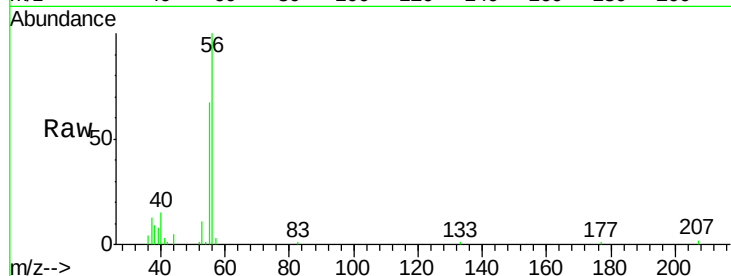
55 70.2 53.6 80.4

Manual Integrations

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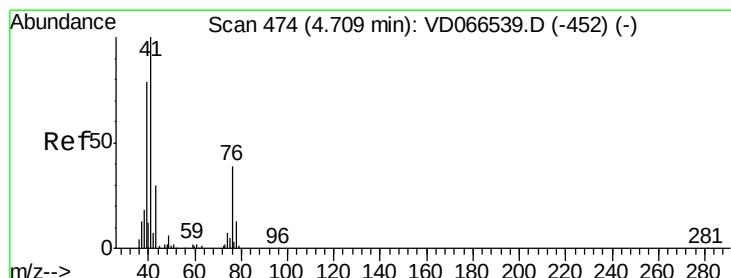
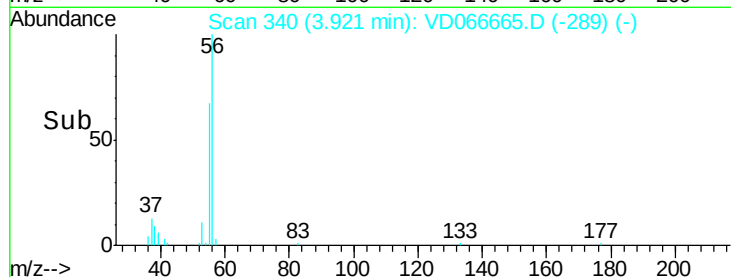
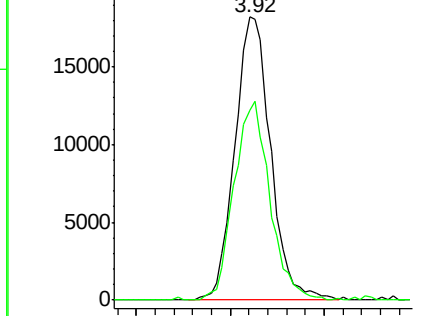
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.536 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

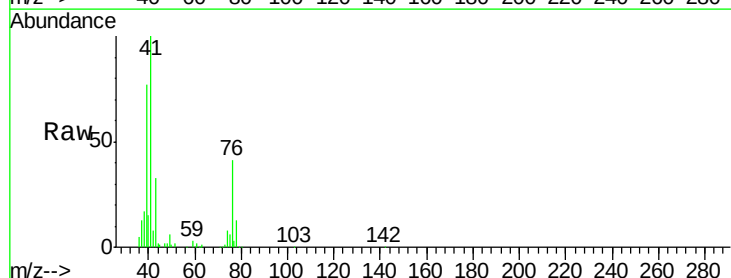
Tgt Ion: 41 Resp: 328742

Ion Ratio Lower Upper

41 100

39 74.6 61.9 92.9

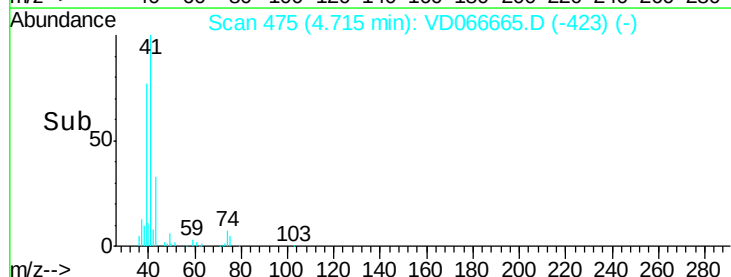
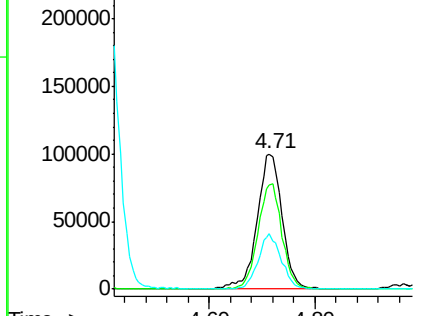
76 36.6 29.0 43.6

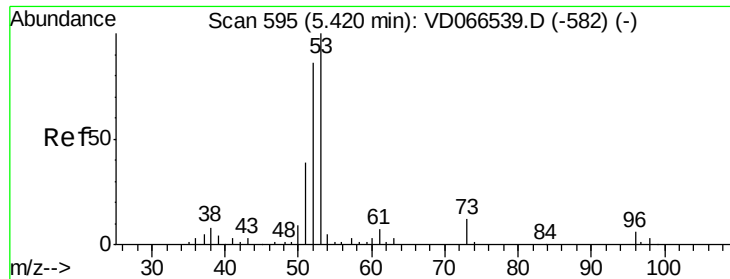


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 249.273 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

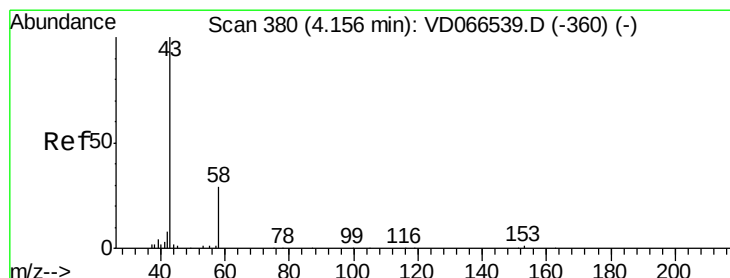
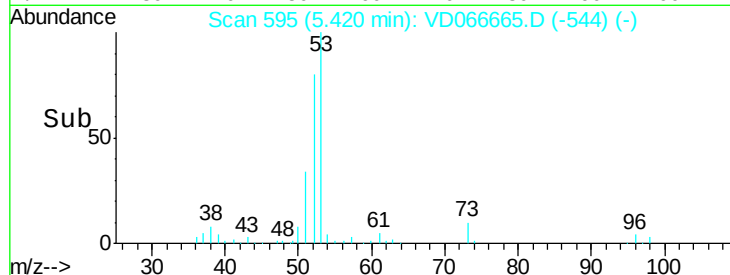
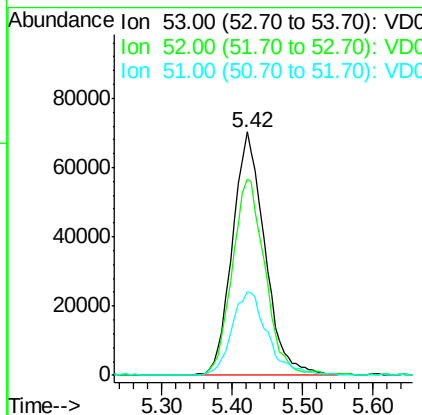
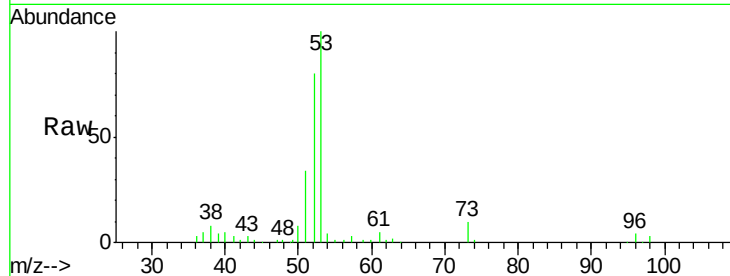
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	224564
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.4	98.2
51	37.7	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 296.929 ug/l

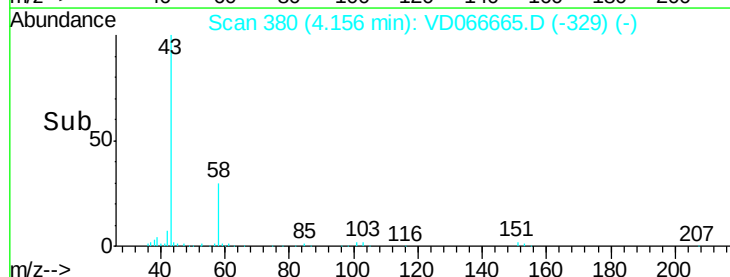
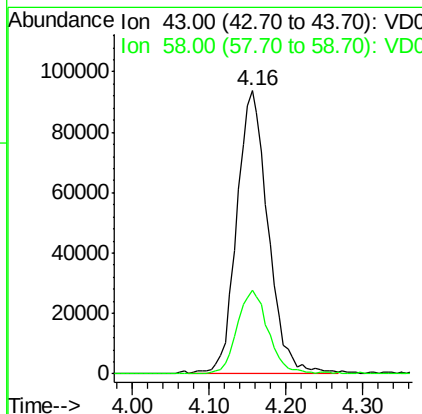
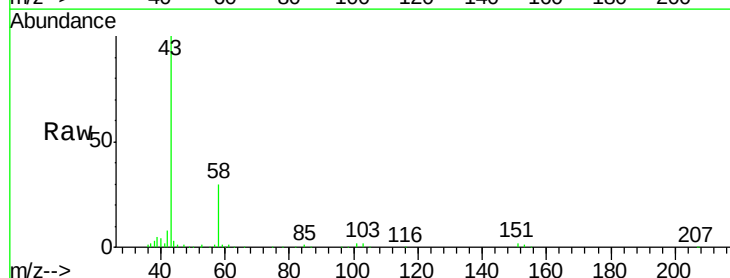
RT: 4.16 min Scan# 380

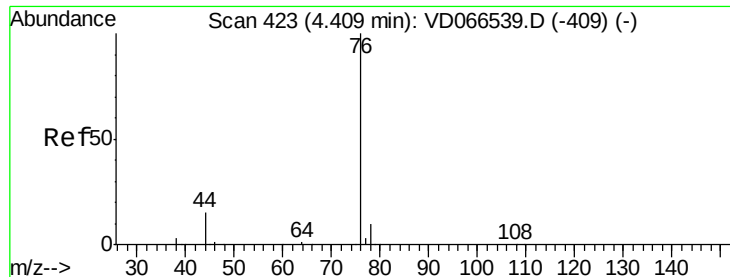
Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion:	43	Resp:	265677
Ion Ratio	Lower	Upper	
43	100		
58	29.6	22.9	34.3





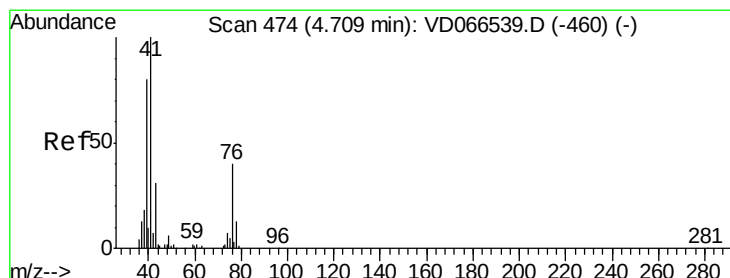
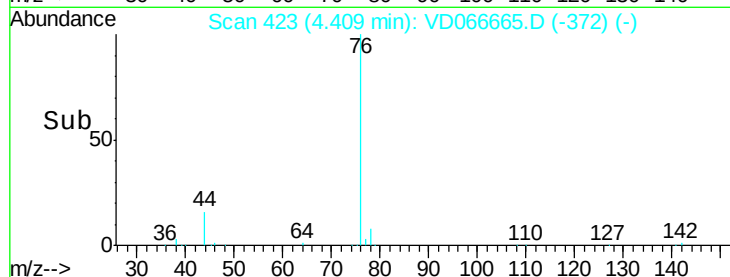
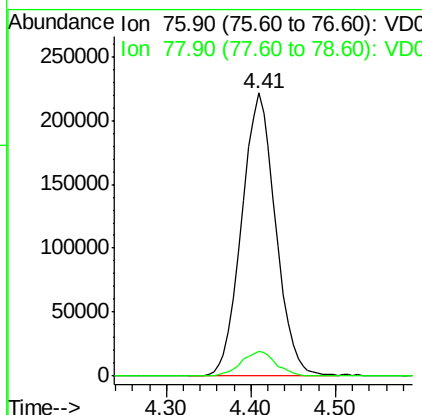
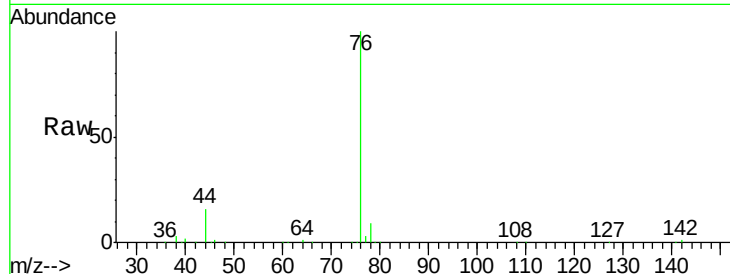
#17
Carbon Disulfide
Concen: 46.485 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4

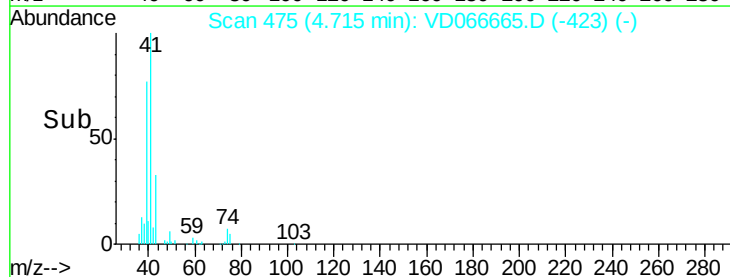
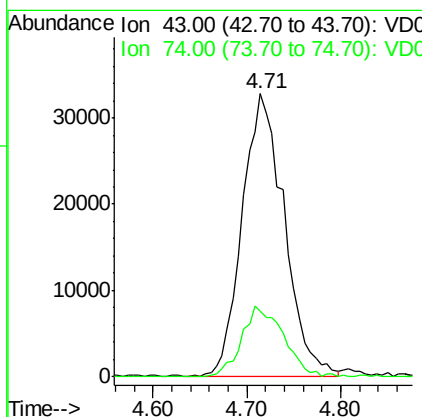
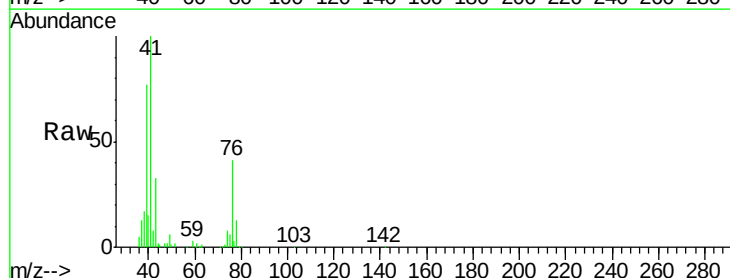
Manual Integrations
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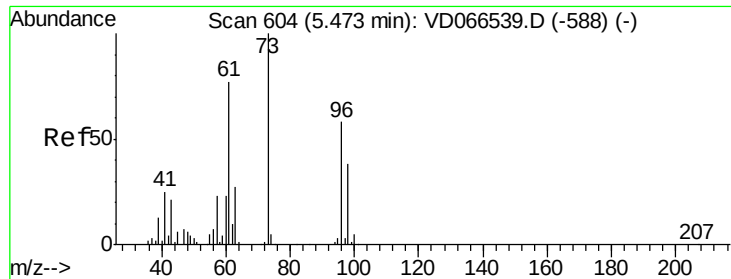
MMDadoda
9/15/2020 2:27:46 PM



#18
Methyl Acetate
Concen: 47.773 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.0	27.0





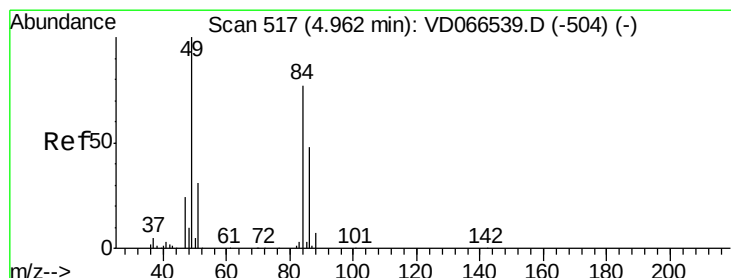
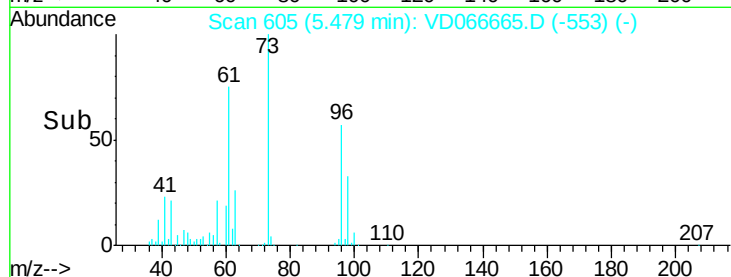
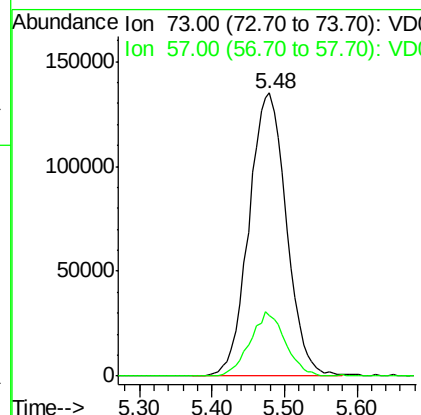
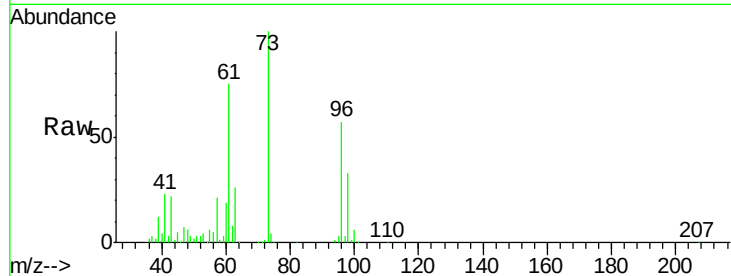
#19
Methyl tert-butyl Ether
Concen: 50.974 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 484042
Ion Ratio Lower Upper
73 100
57 21.2 18.3 27.5

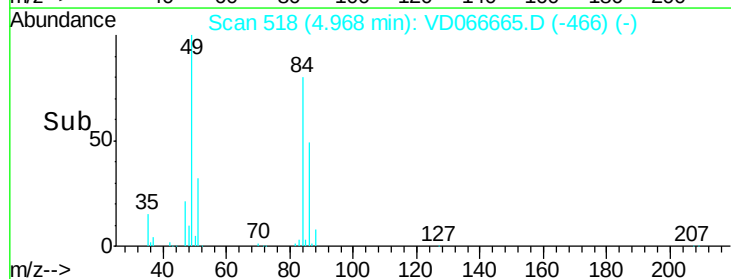
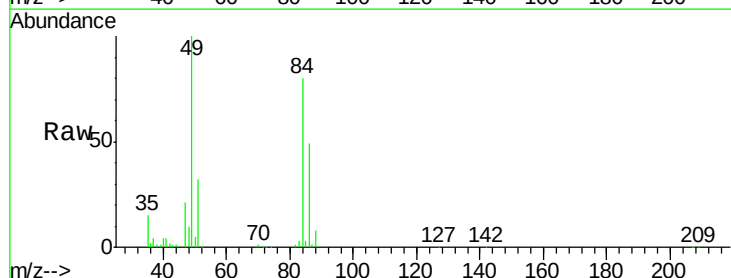
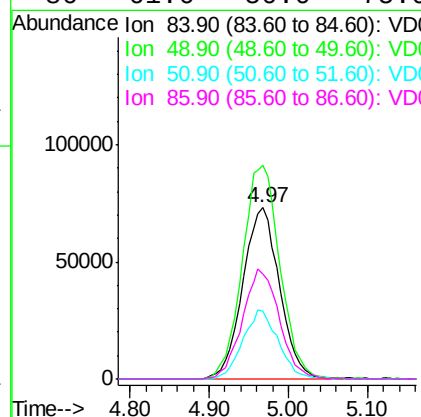
Manual Integrations
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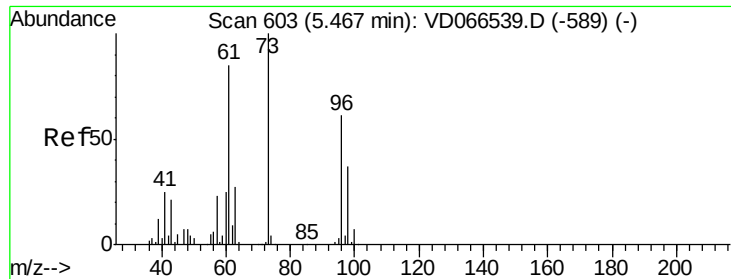
MMDadoda
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#20
Methylene Chloride
Concen: 48.254 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion: 84 Resp: 236423
Ion Ratio Lower Upper
84 100
49 124.9 104.3 156.5
51 39.6 32.2 48.4
86 61.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 50.092 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

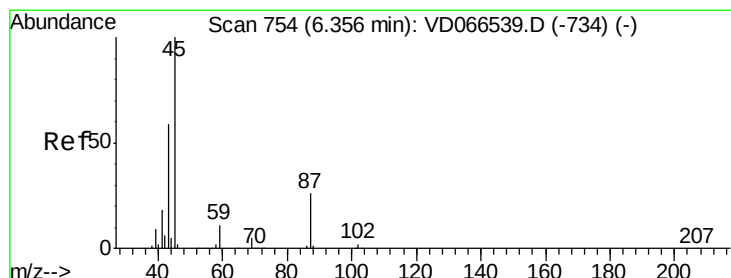
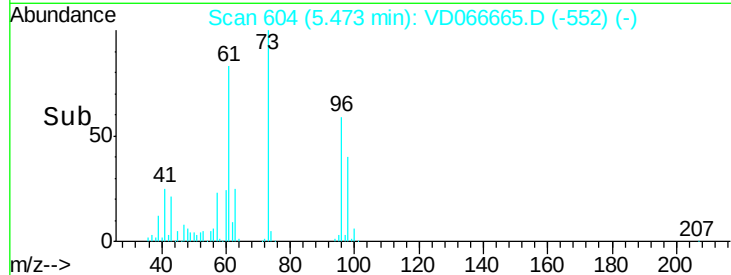
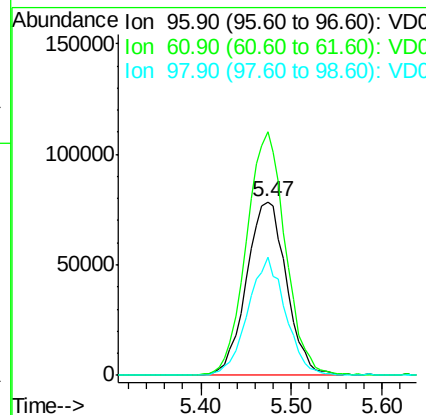
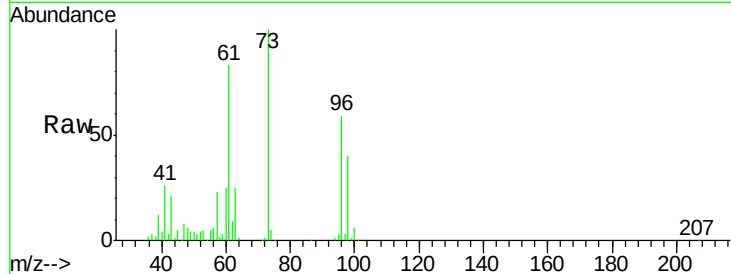
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	240873
Ion	Ratio	Lower	Upper
96	100		
61	140.5	112.1	168.1
98	68.2	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.880 ug/l

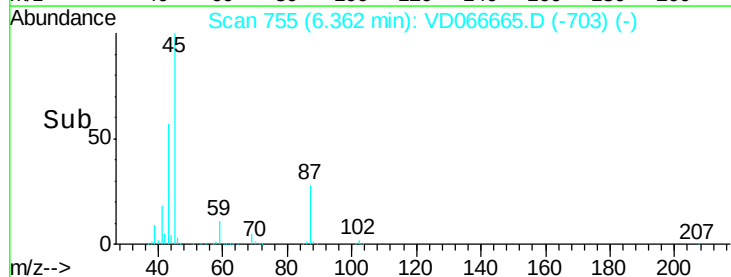
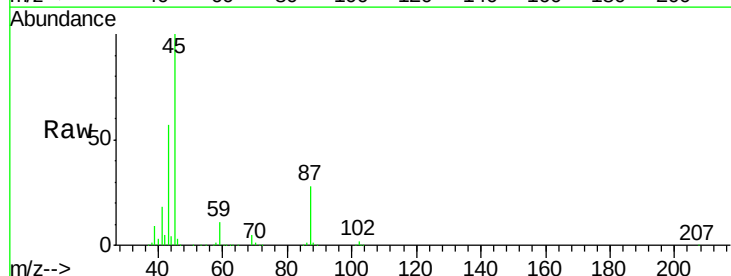
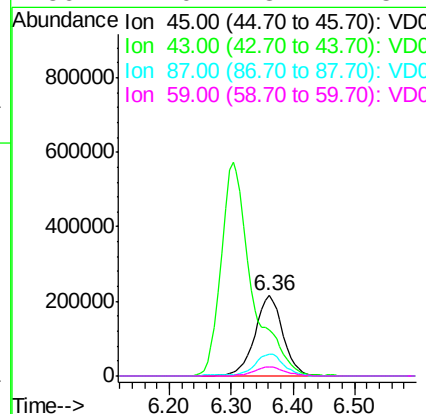
RT: 6.36 min Scan# 755

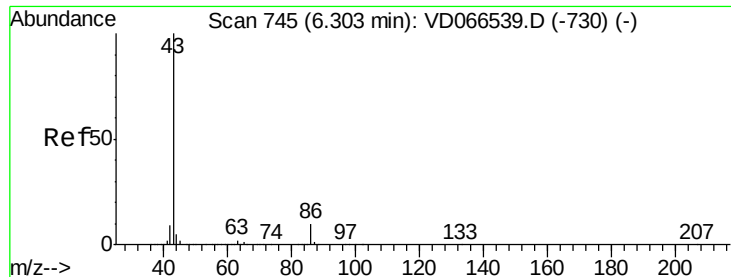
Delta R.T. 0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion:	45	Resp:	680729
Ion	Ratio	Lower	Upper
45	100		
43	57.0	47.0	70.4
87	27.7	21.3	31.9
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 253.312 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1967285

Ion Ratio Lower Upper

43 100

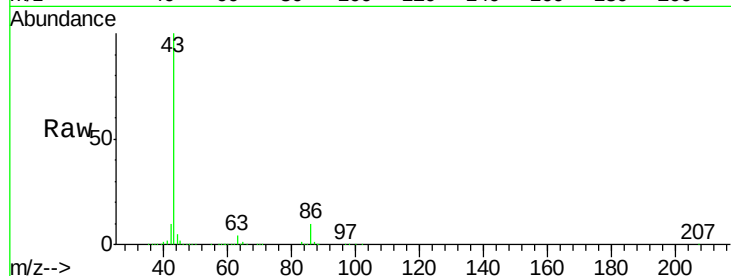
86 10.5 7.7 11.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

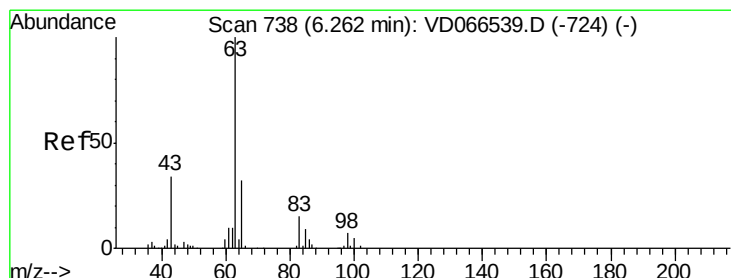
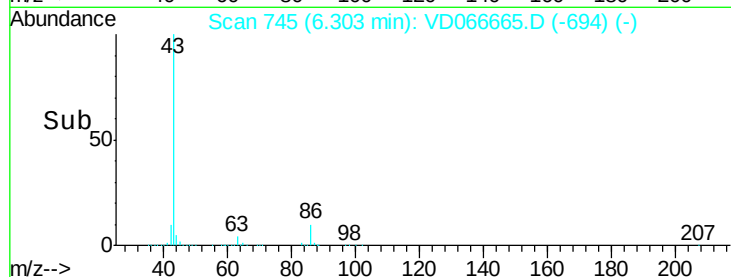
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.243 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

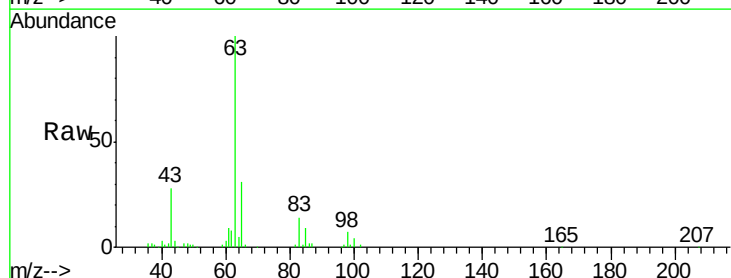
Tgt Ion: 63 Resp: 422610

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

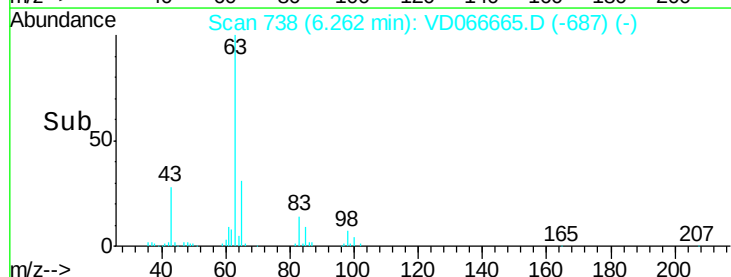
150000

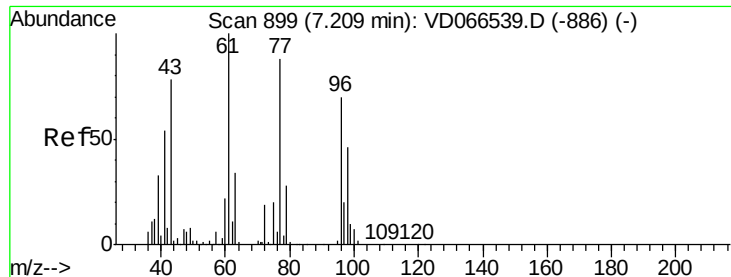
100000

50000

0

Time-->





#25

2-Butanone

Concen: 258.077 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 309977

Ion Ratio Lower Upper

43 100

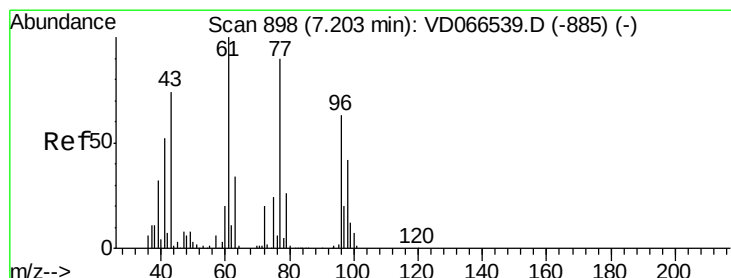
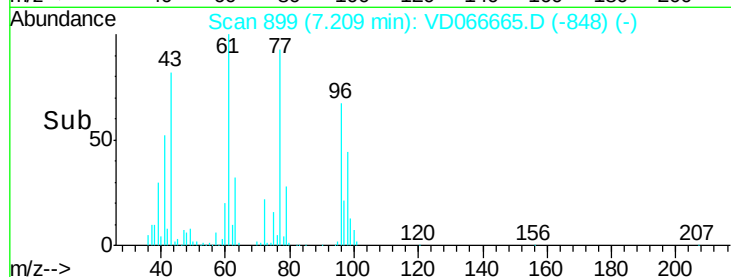
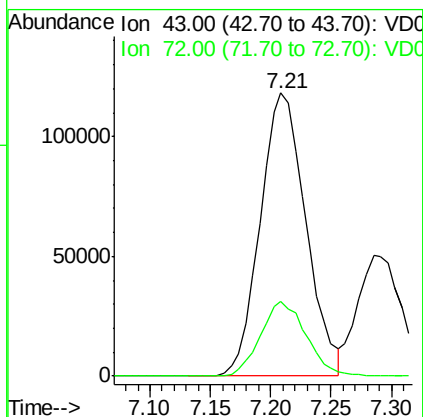
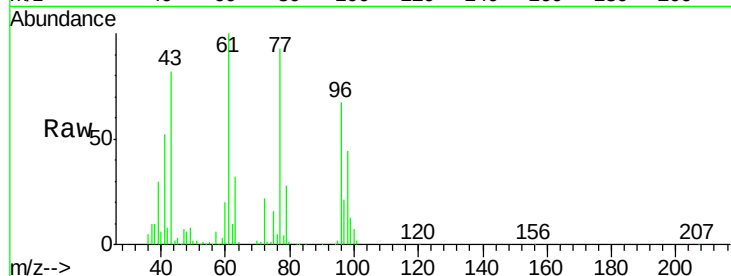
72 26.3 19.8 29.6

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 50.466 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.00 min

Lab File: VD066665.D

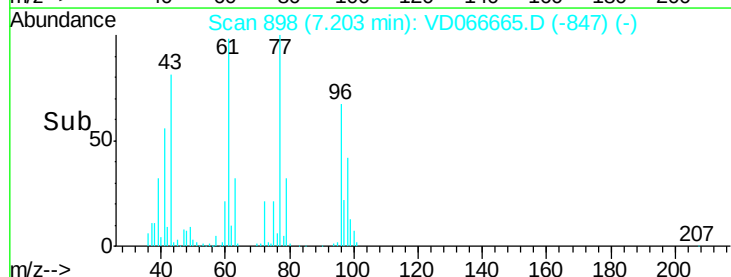
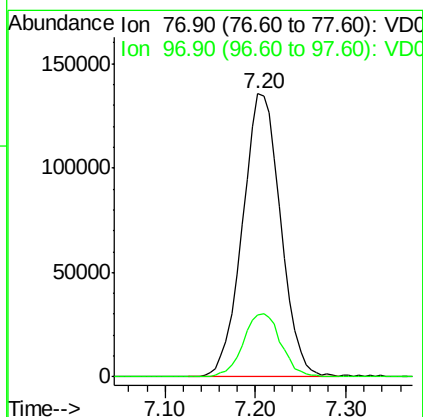
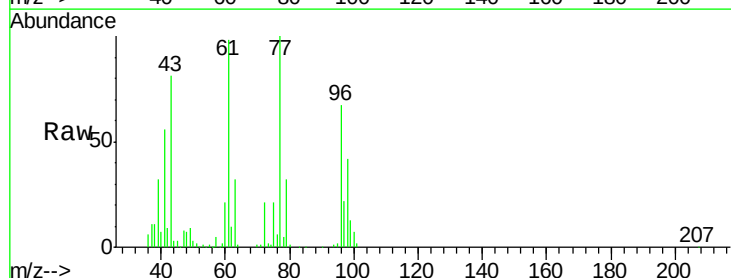
Acq: 14 Sep 2020 11:31

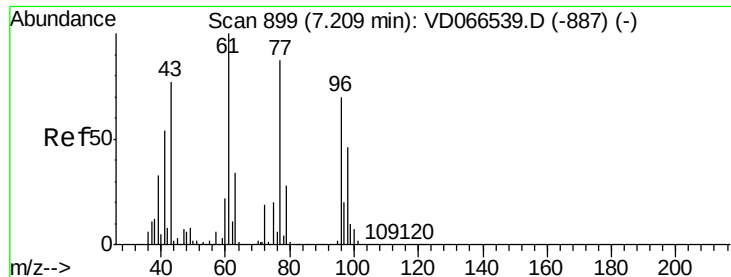
Tgt Ion: 77 Resp: 397279

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.3





#27

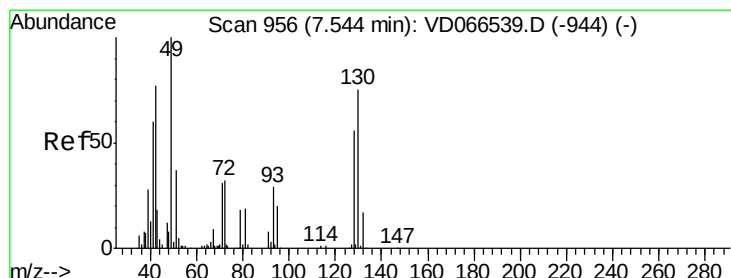
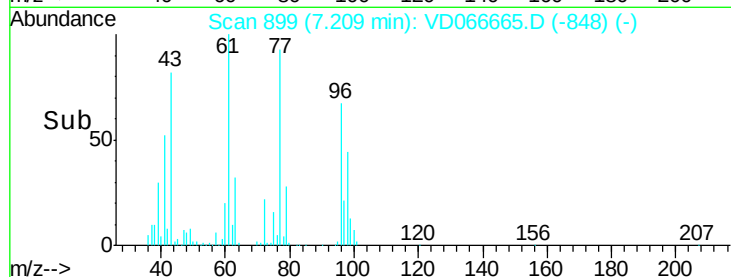
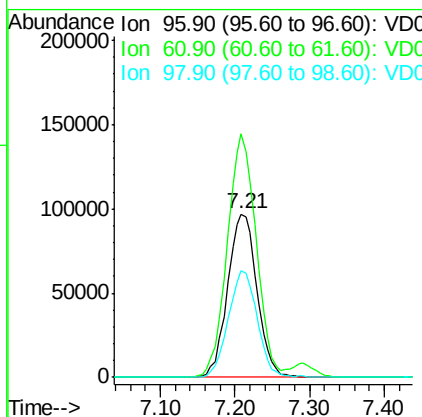
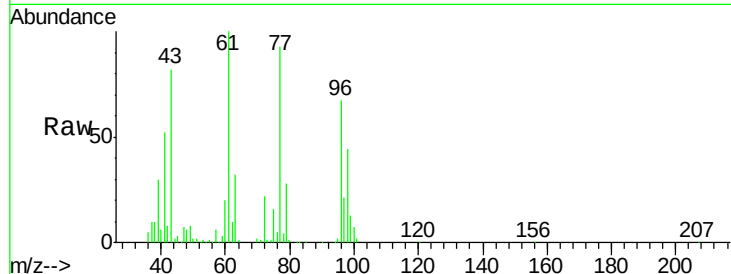
cis-1,2-Dichloroethene
 Concen: 51.282 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	265184		
61	146.0		0.0	301.0
98	63.8		0.0	129.8

Manual Integrations
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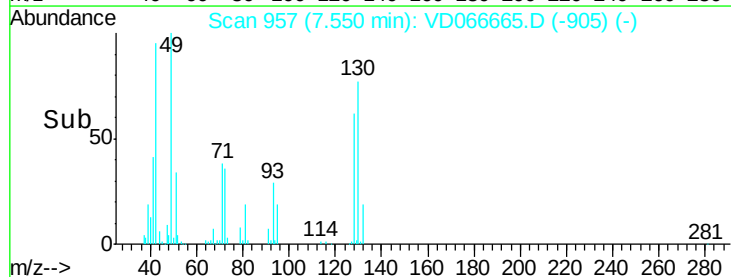
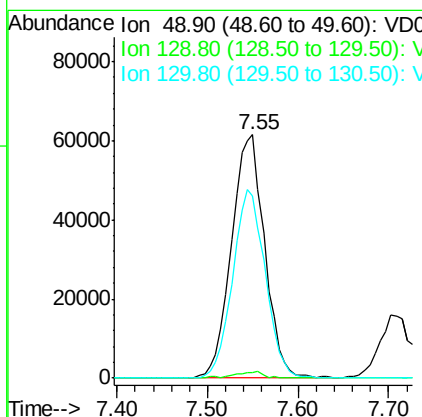
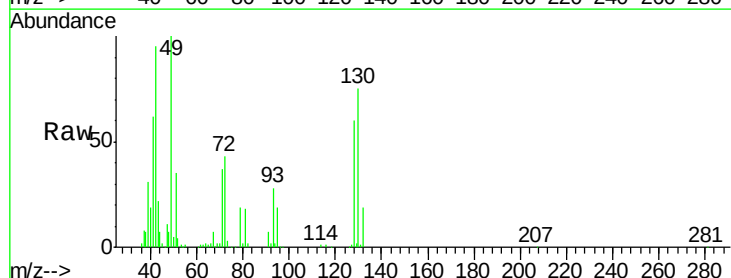
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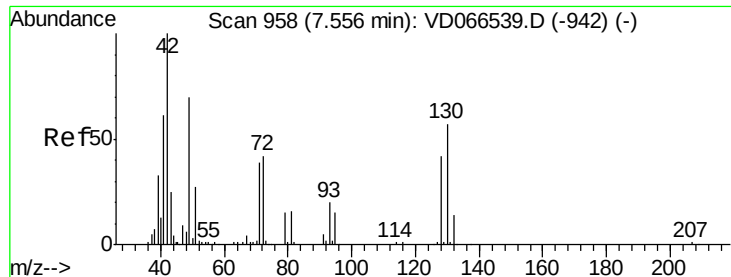


#28

Bromochloromethane
 Concen: 47.408 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	156640		
129	2.3		0.0	2.6
130	76.4		58.2	87.2





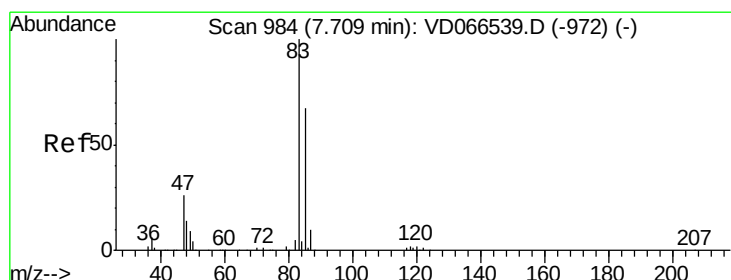
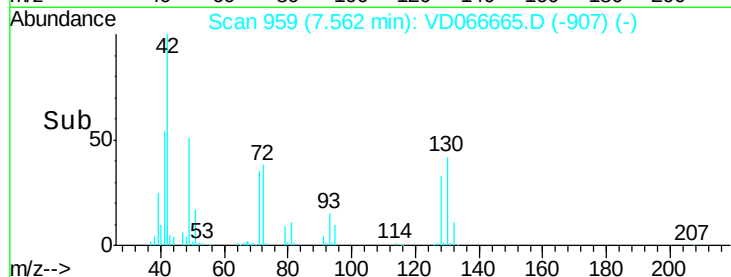
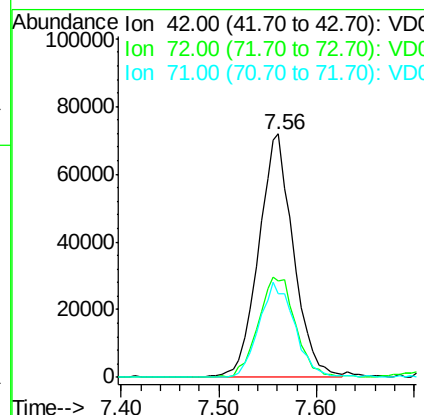
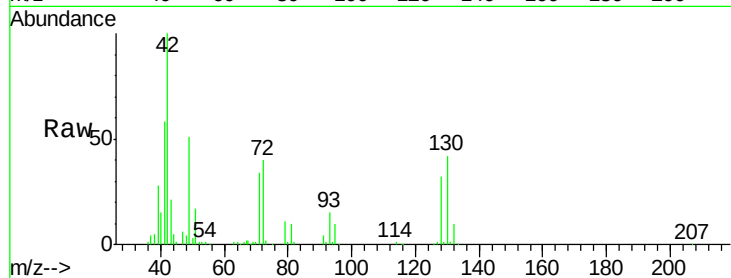
#29
Tetrahydrofuran
Concen: 240.326 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	33.4	50.0
71	40.2	31.9	47.9

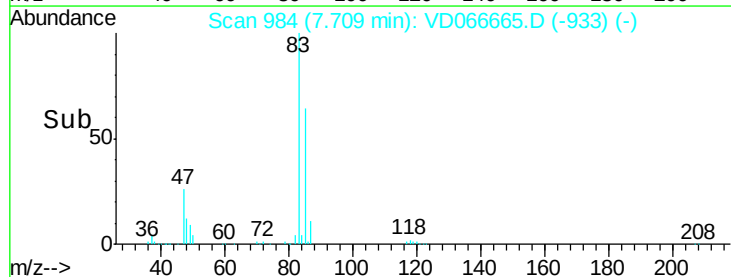
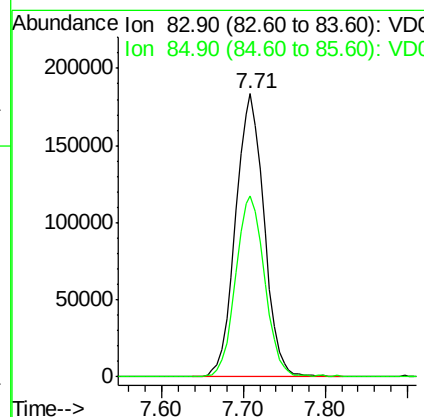
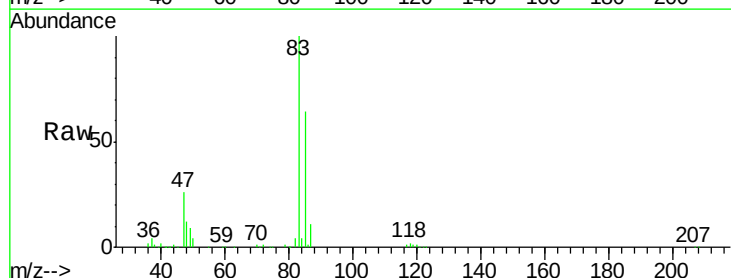
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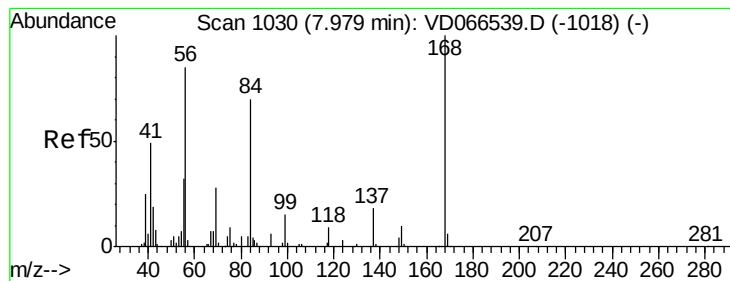
MMDadoda
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#30
Chloroform
Concen: 48.995 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.6	80.4





#31

Cyclohexane

Concen: 47.028 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

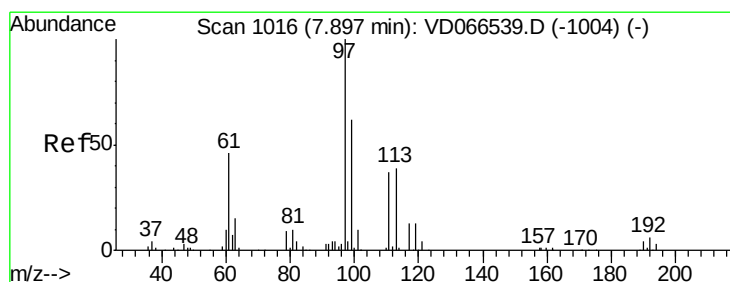
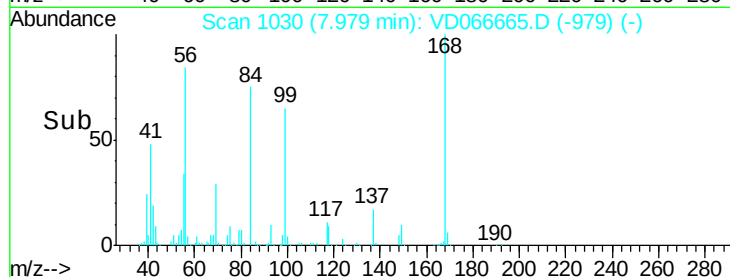
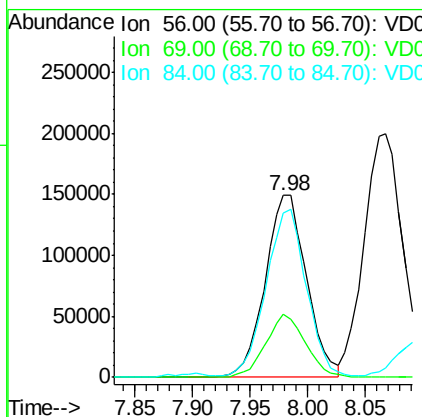
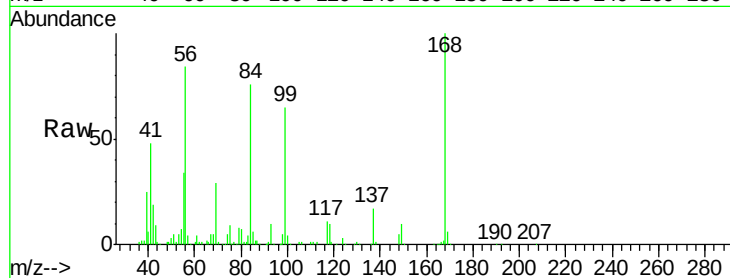
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	373088
Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.3	39.5
84	88.4	66.1	99.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.995 ug/l

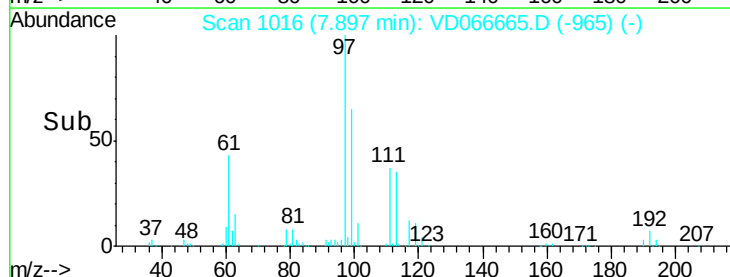
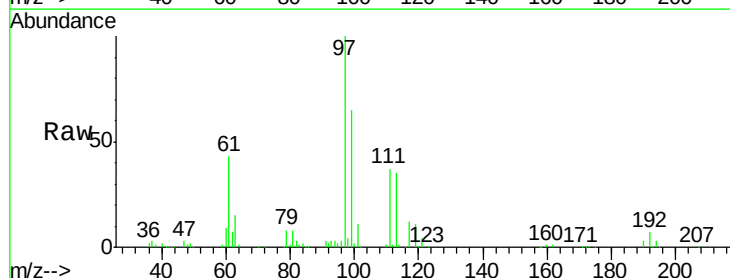
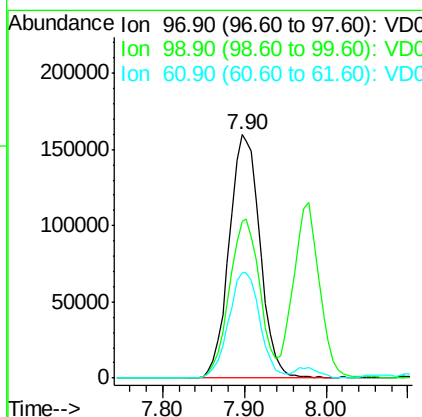
RT: 7.90 min Scan# 1016

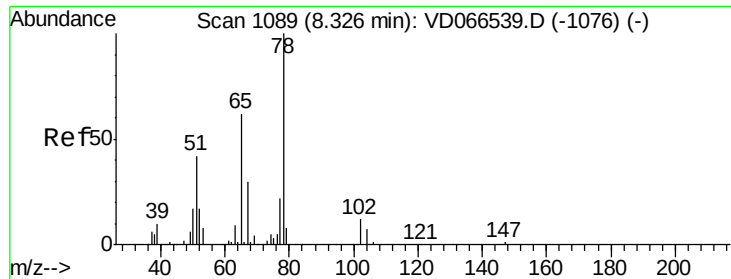
Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion:	97	Resp:	418237
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	43.9	37.4	56.0





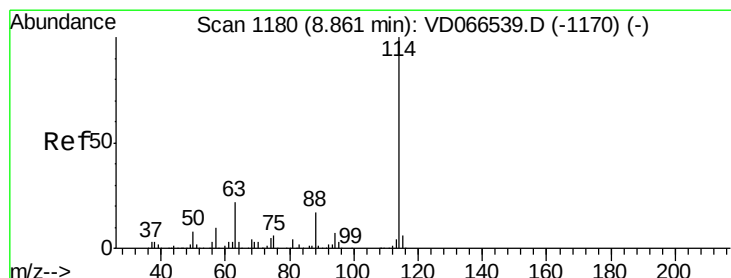
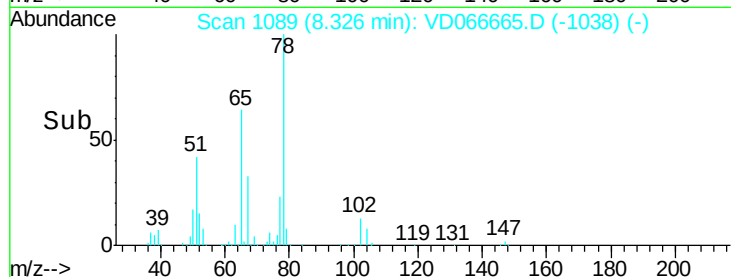
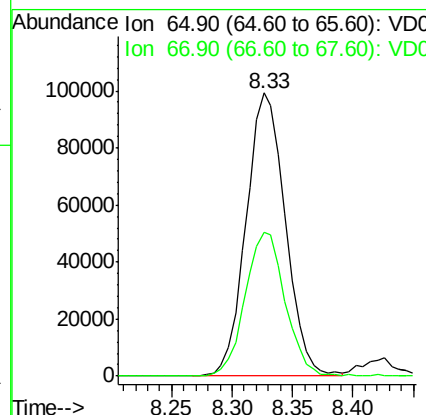
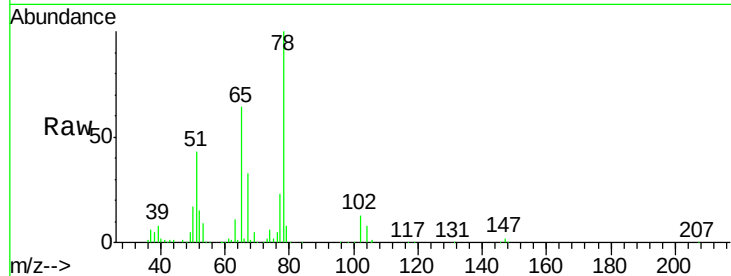
#33
 1,2-Dichloroethane-d4
 Concen: 46.115 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224249		
67	52.0	0.0	102.8	

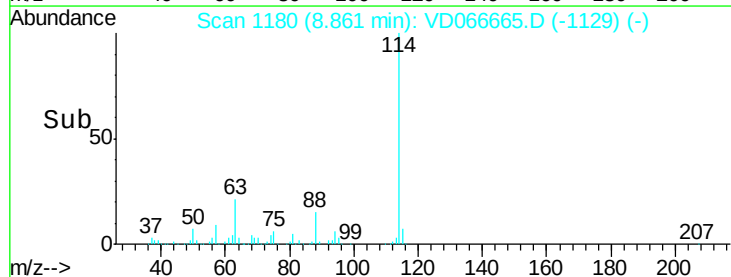
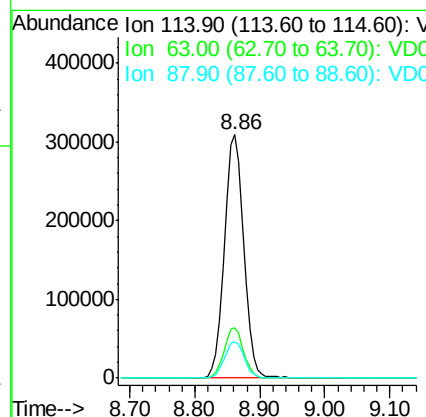
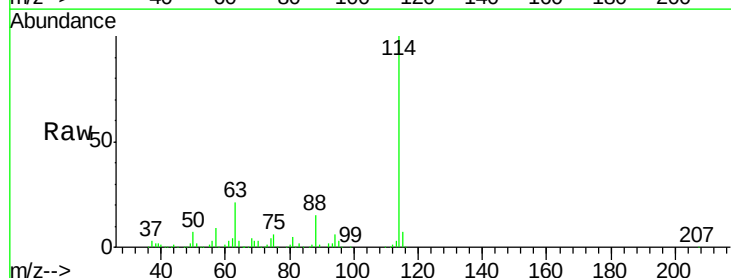
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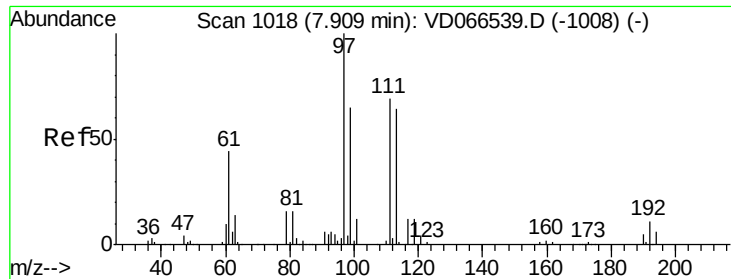
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	638840		
63	20.9	0.0	43.2	
88	14.9	0.0	33.2	





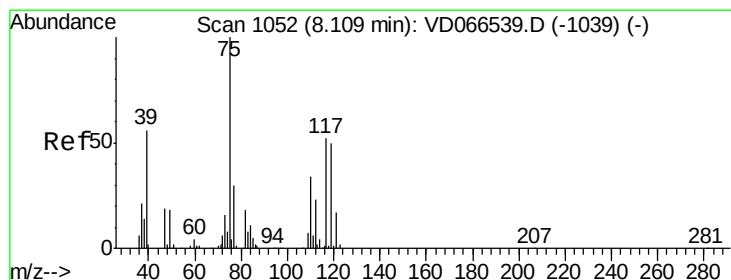
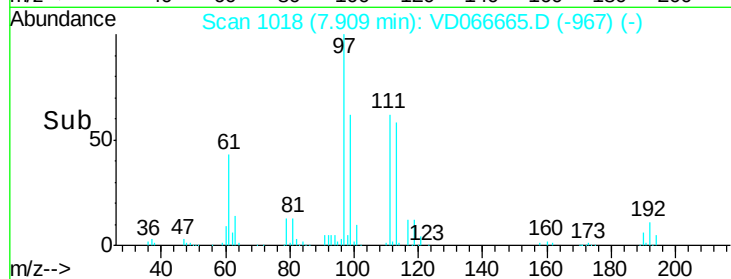
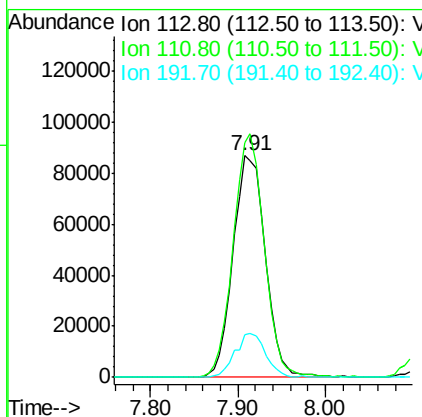
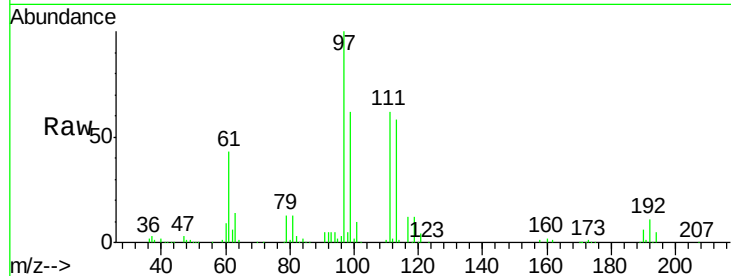
#35
 Dibromofluoromethane
 Concen: 50.404 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	217224		
111	105.5	83.2	124.8	
192	18.9	13.7	20.5	

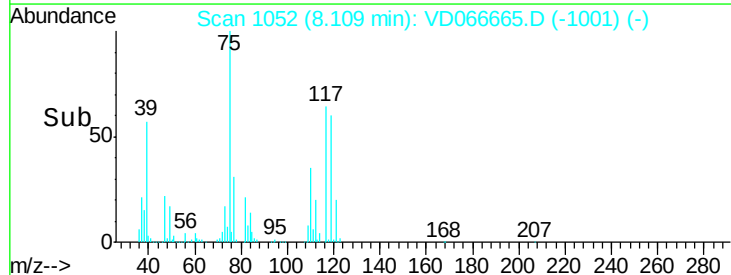
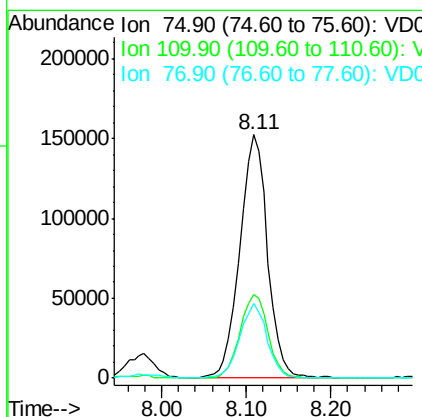
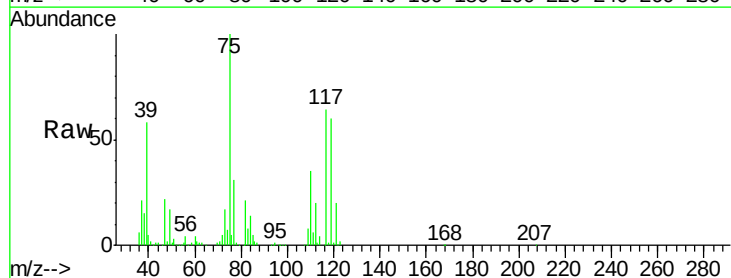
Manual Integrations
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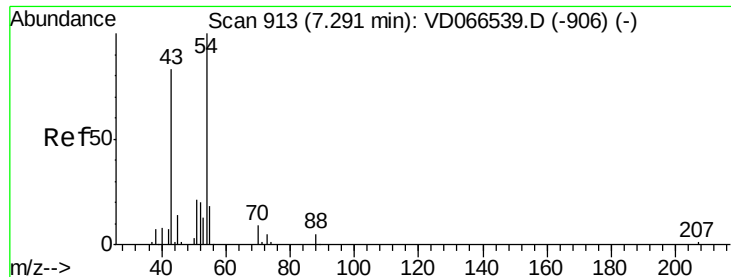
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#36
 1,1-Dichloropropene
 Concen: 51.925 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	345219		
110	34.8	17.3	52.0	
77	30.5	25.1	37.7	





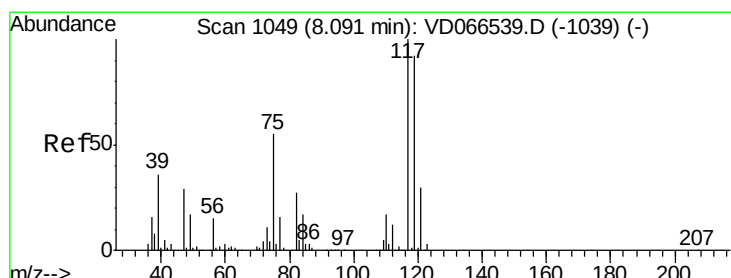
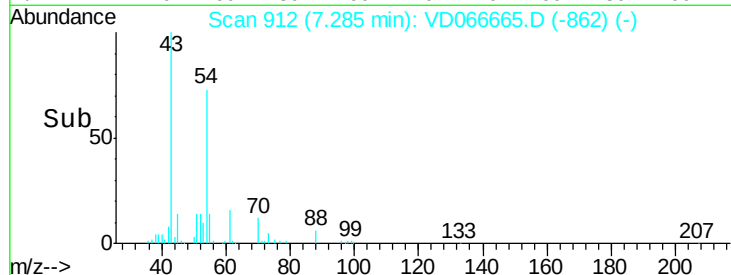
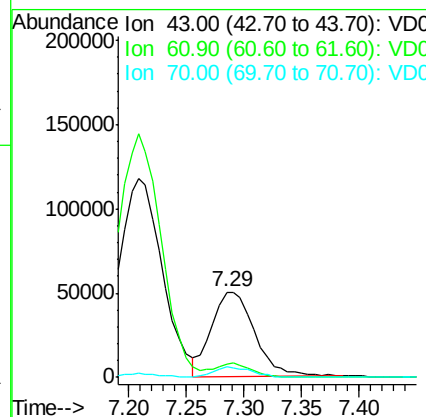
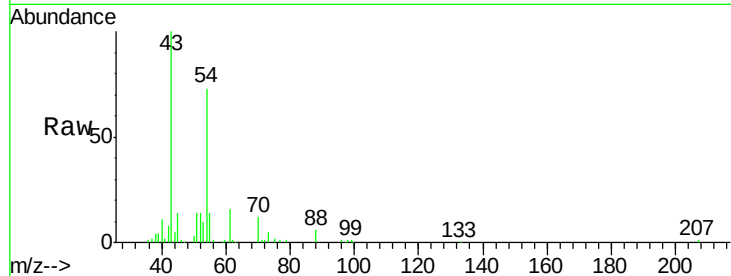
#37
Ethyl Acetate
Concen: 48.773 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	129120
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.8
70	11.1	7.9	11.9

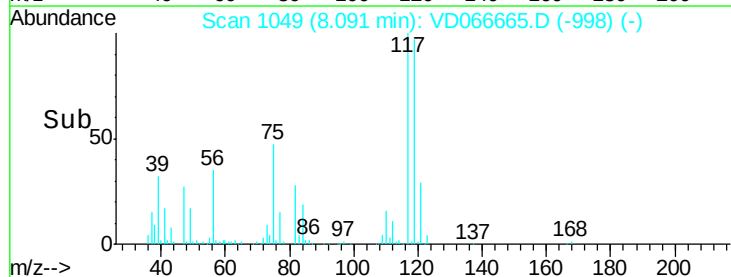
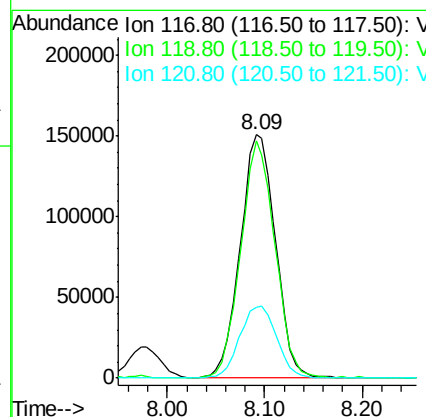
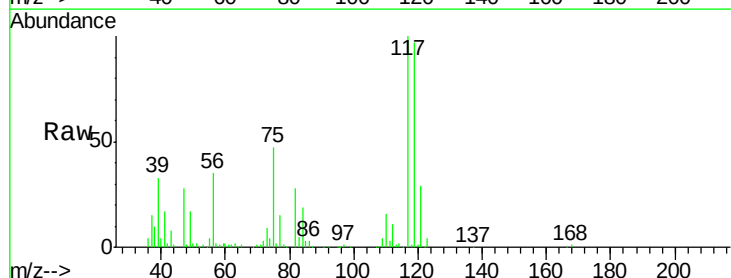
Manual Integrations
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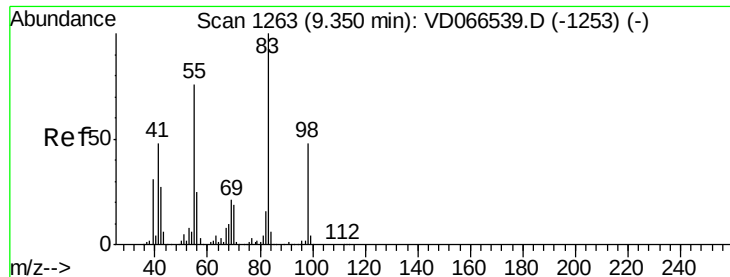
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#38
Carbon Tetrachloride
Concen: 53.638 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion:	117	Resp:	376926
Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.9	110.9
121	29.4	24.1	36.1





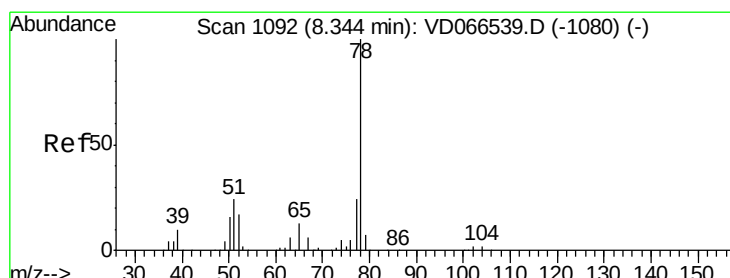
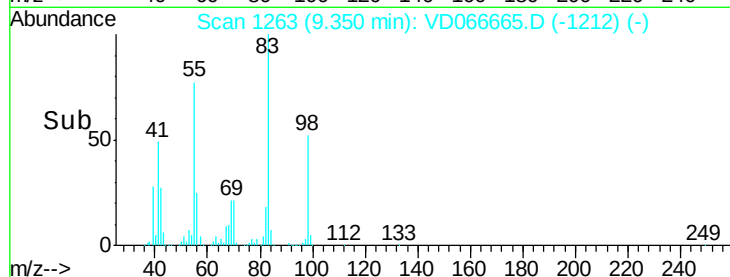
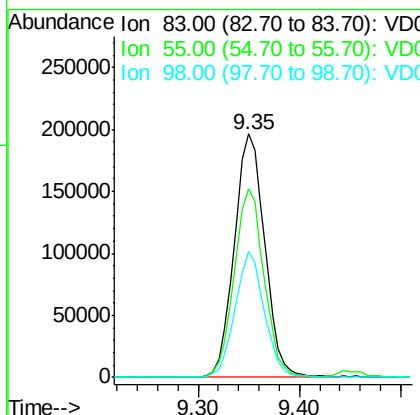
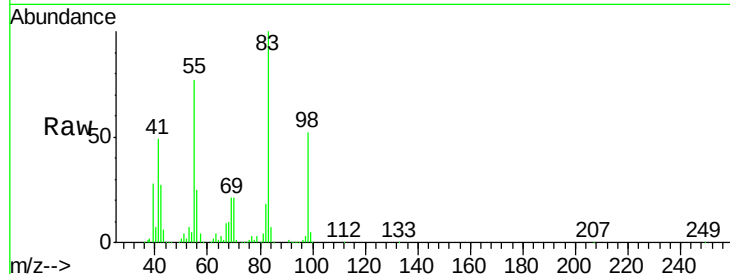
#39
Methylvlcyclohexane
Concen: 55.123 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.8	91.2
98	51.7	38.6	58.0

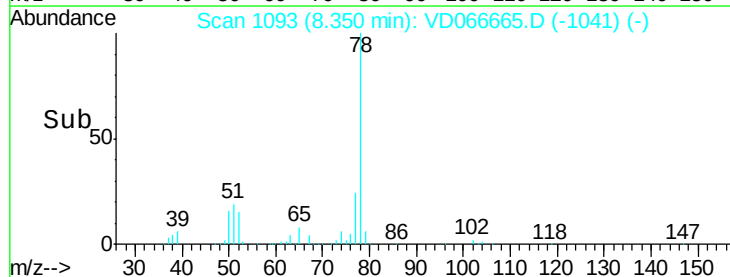
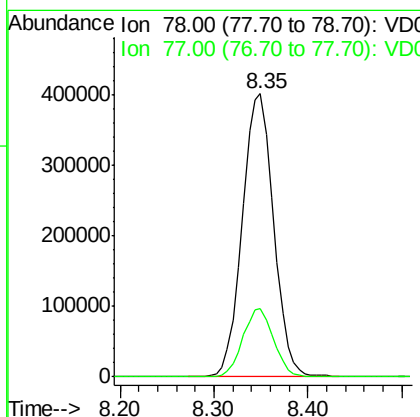
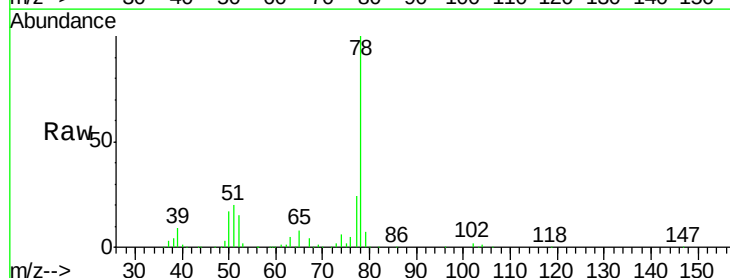
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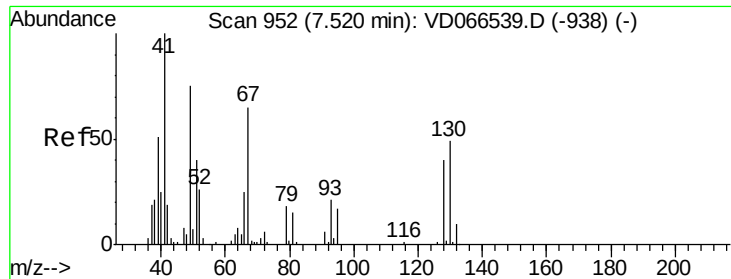
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#40
Benzene
Concen: 50.858 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





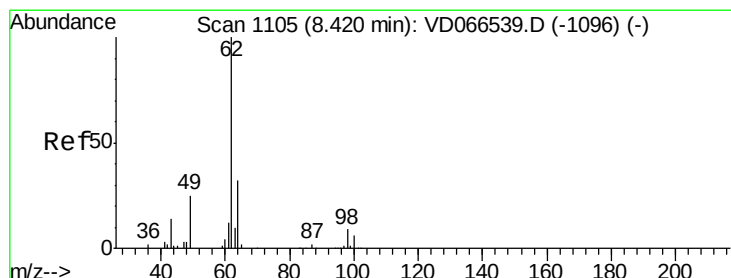
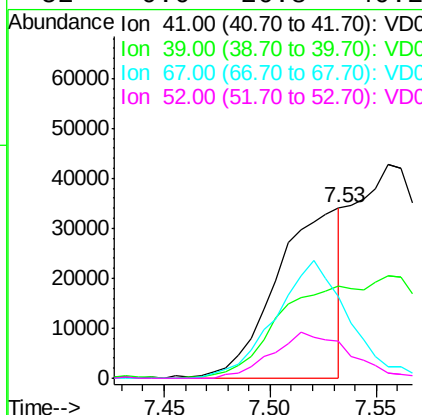
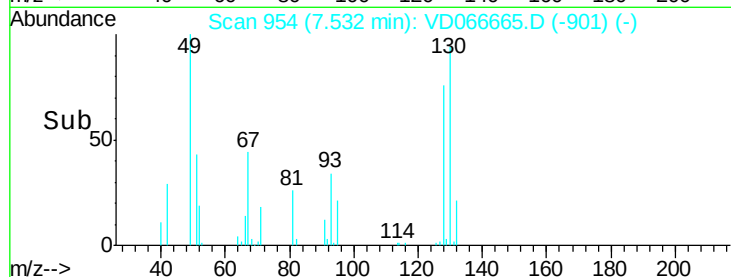
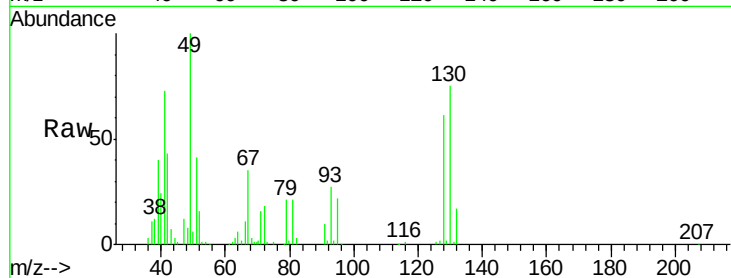
#41
Methacrylonitrile
Concen: 56.337 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	129.6	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

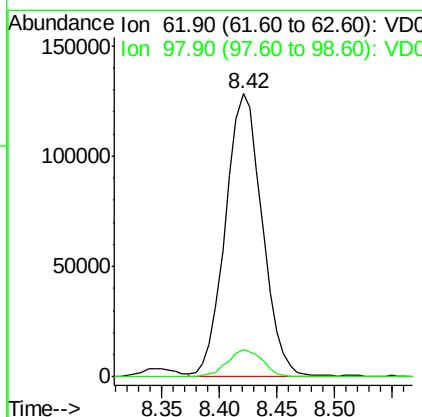
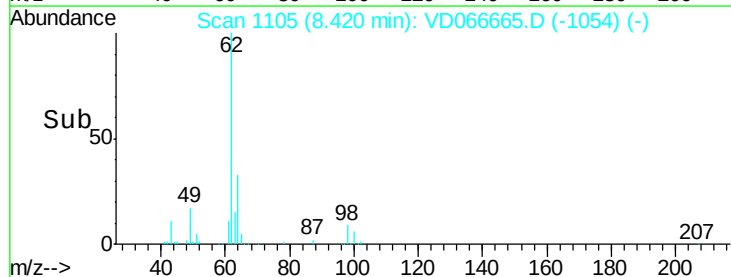
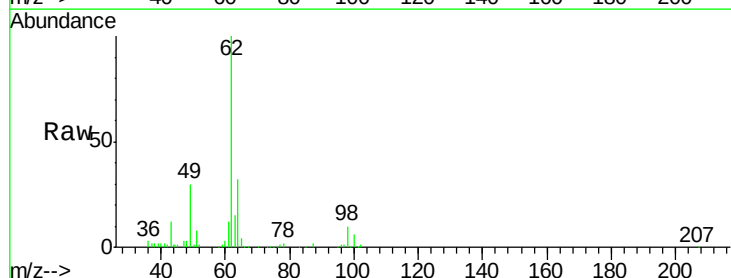
Manual Integrations
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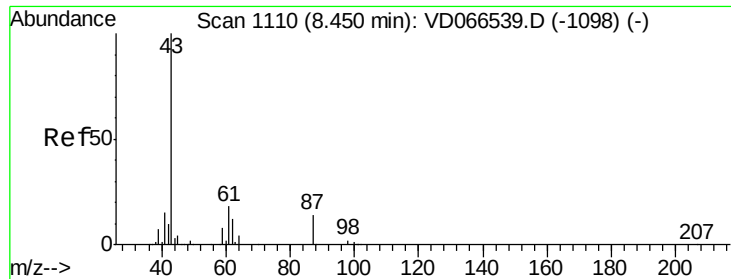
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#42
1,2-Dichloroethane
Concen: 48.051 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 49.452 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

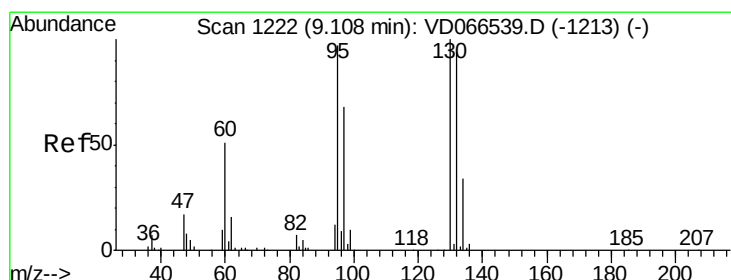
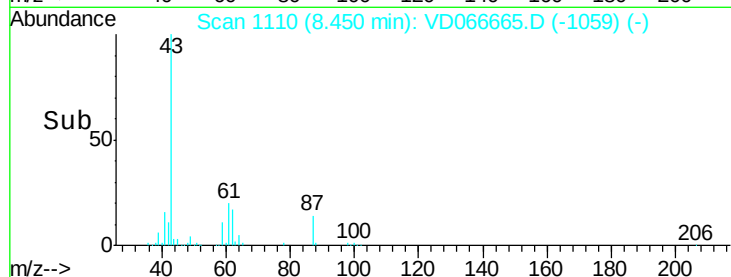
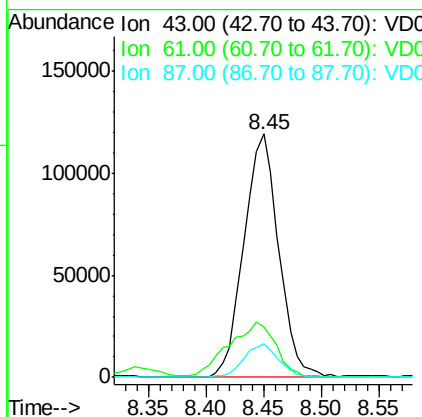
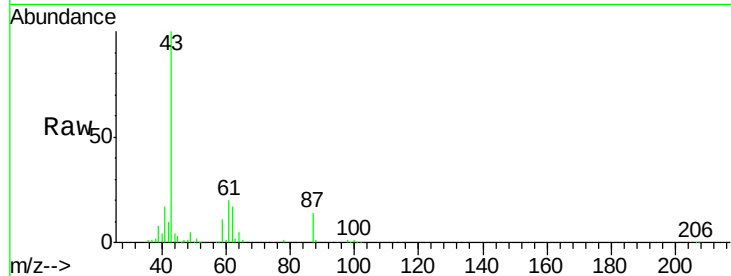
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	250890
Ion Ratio	Lower	Upper	
43	100		
61	31.0	23.8	35.8
87	13.7	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 53.295 ug/l

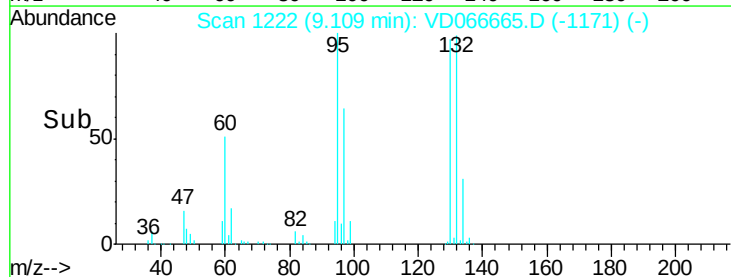
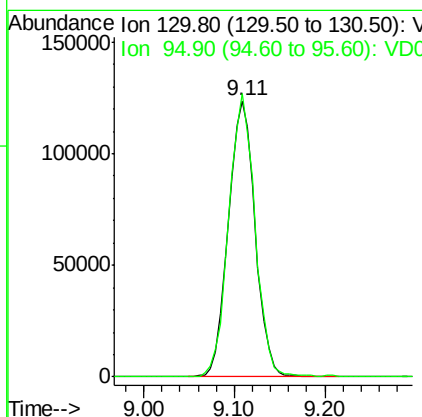
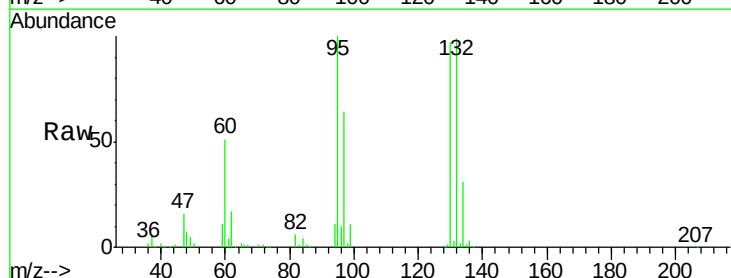
RT: 9.11 min Scan# 1222

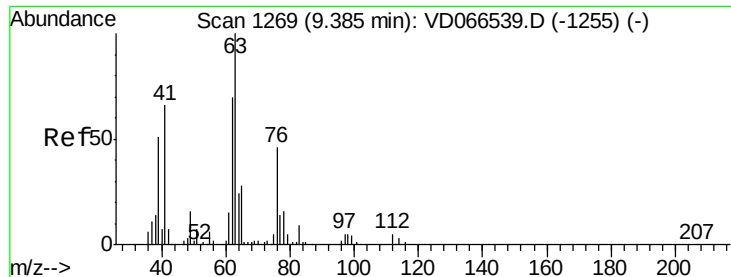
Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion:	130	Resp:	254548
Ion Ratio	Lower	Upper	
130	100		
95	102.7	0.0	194.4





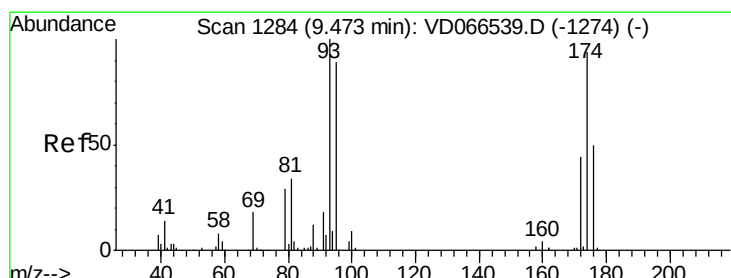
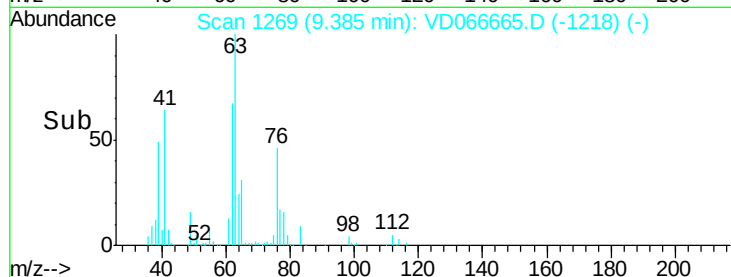
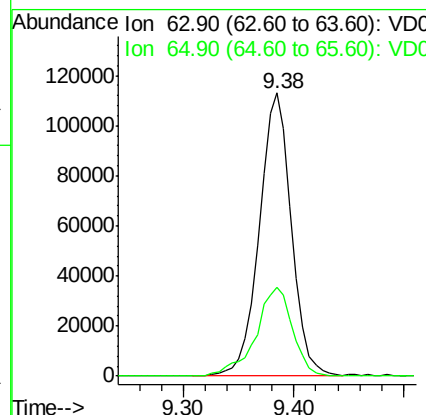
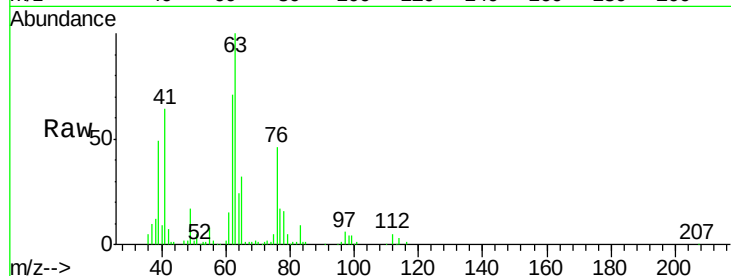
#45
 1,2-Dichloropropane
 Concen: 50.231 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.6	34.0

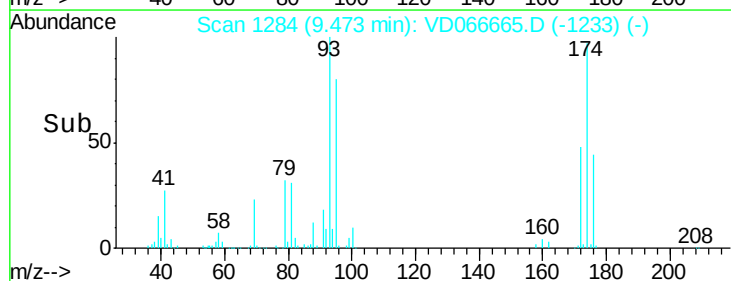
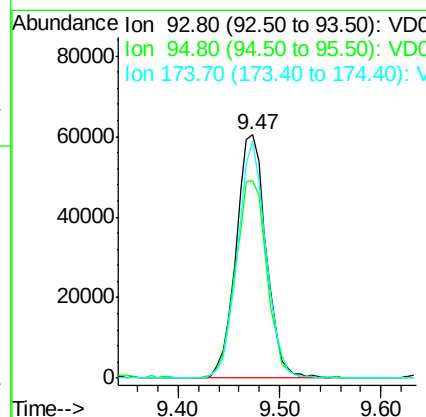
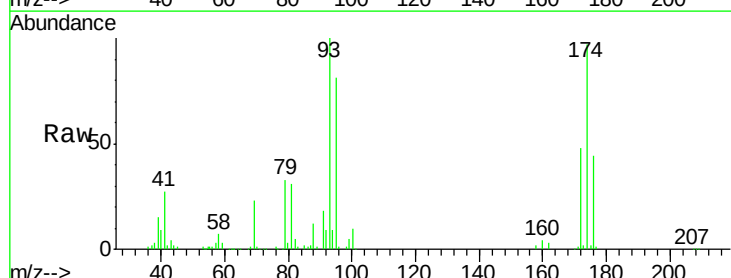
Manual Integrations
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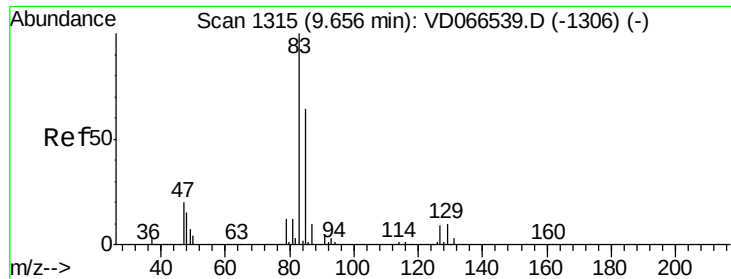
MMDadoda
 9/15/2020 2:27:46 PM



#46
 Dibromomethane
 Concen: 49.361 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.0	68.7	103.1
174	91.6	70.0	105.0





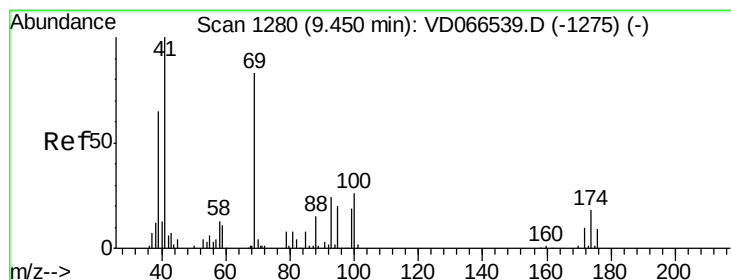
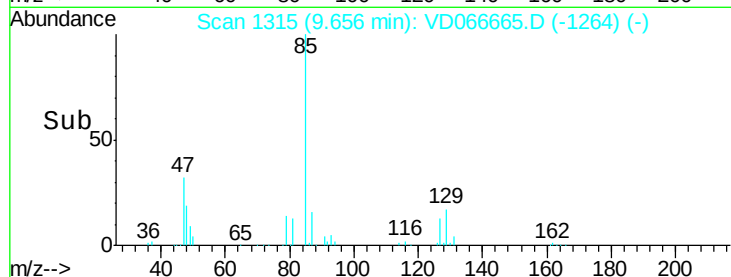
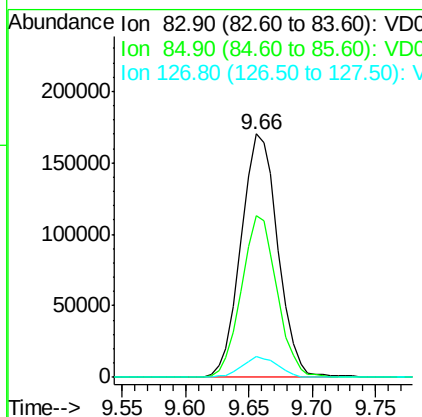
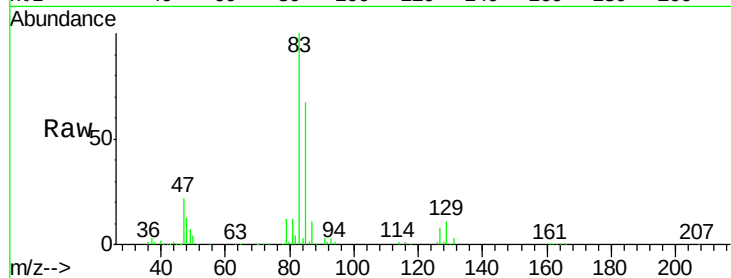
#47
Bromodichloromethane
Concen: 50.298 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	343790		
85	66.6	51.1	76.7	
127	8.5	6.9	10.3	

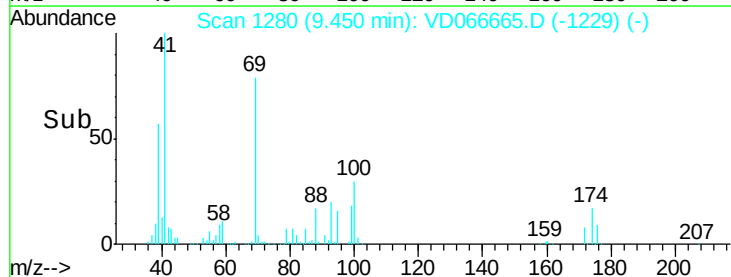
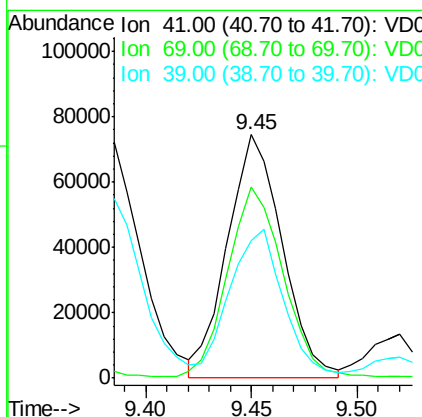
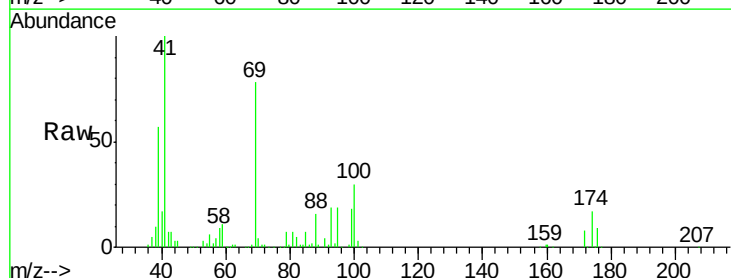
Manual Integrations
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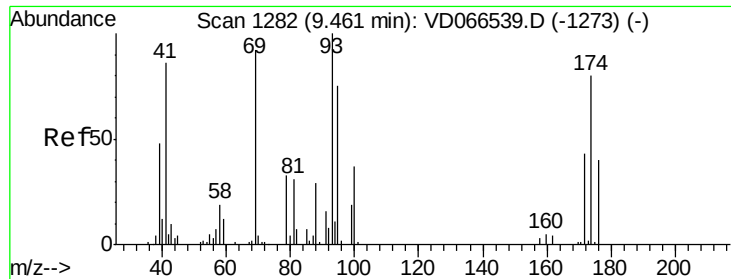
MMDadoda
9/15/2020 2:27:46 PM



#48
Methyl methacrylate
Concen: 52.148 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	133779		
69	79.2	64.5	96.7	
39	56.0	46.6	69.8	





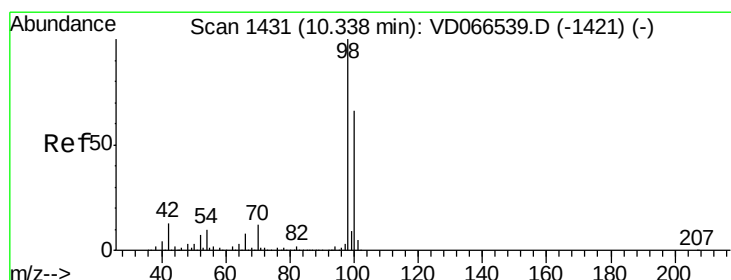
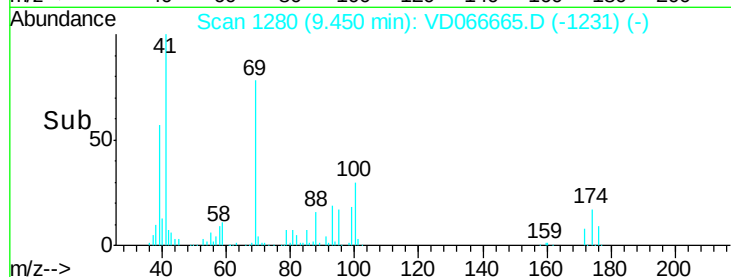
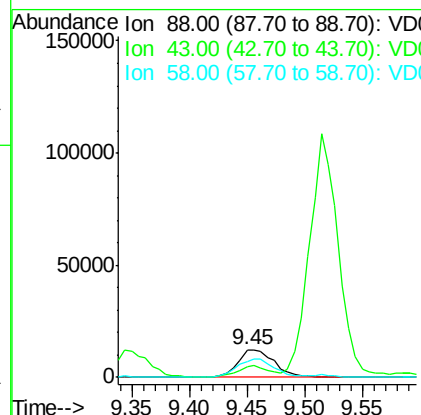
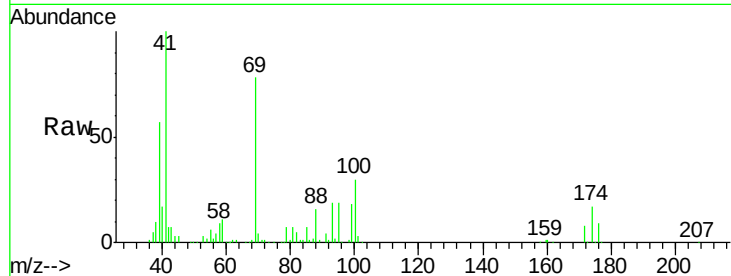
#49
1,4-Dioxane
Concen: 980.630 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	27179
Ion Ratio	Lower	Upper	
88	100		
43	36.5	28.3	42.5
58	67.9	56.1	84.1

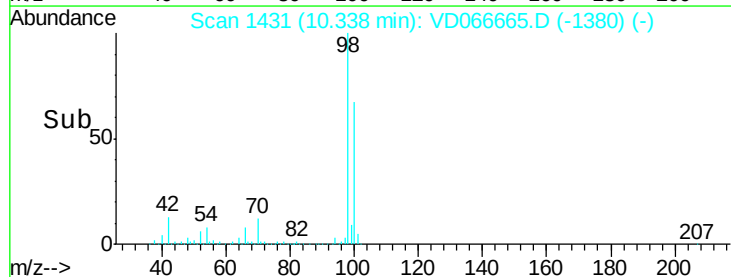
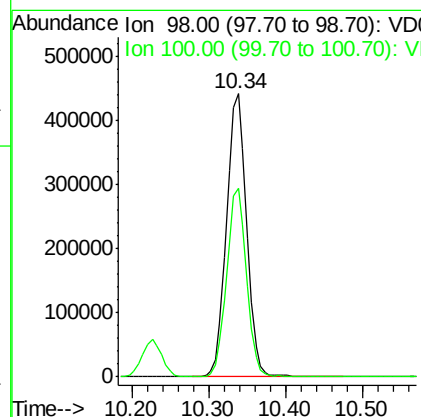
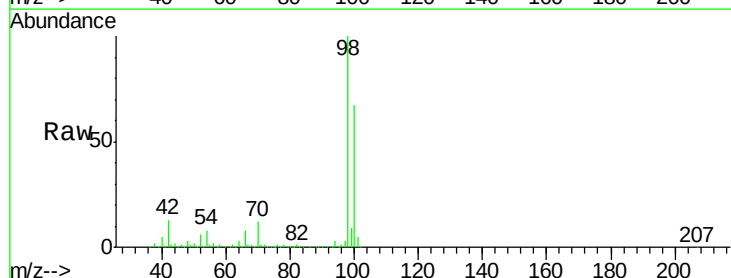
Manual Integrations
APPROVED

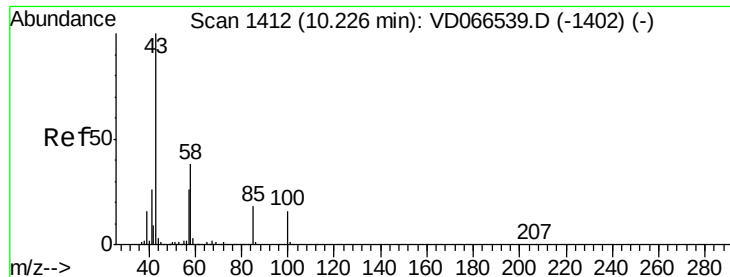
MMDadoda
9/15/2020 2:27:46 PM



#50
Toluene-d8
Concen: 52.105 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	98	Resp	802592
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 258.024 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 660191

Ion Ratio Lower Upper

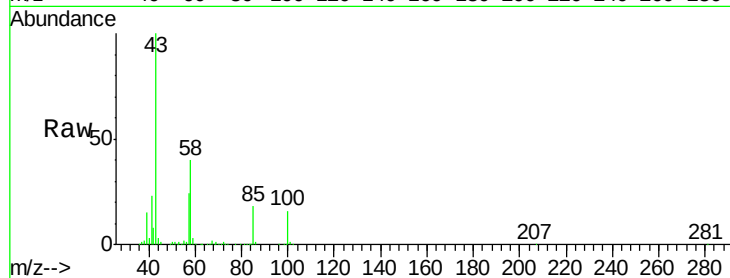
43 100

58 38.1 30.5 45.7

Manual Integrations
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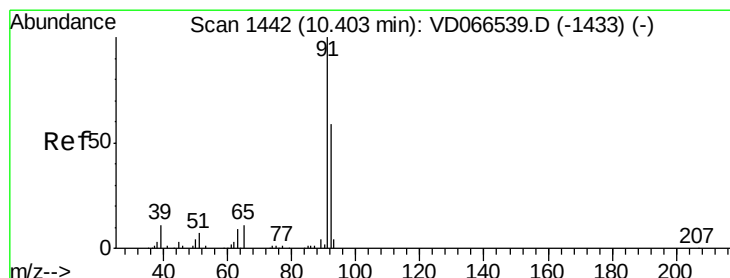
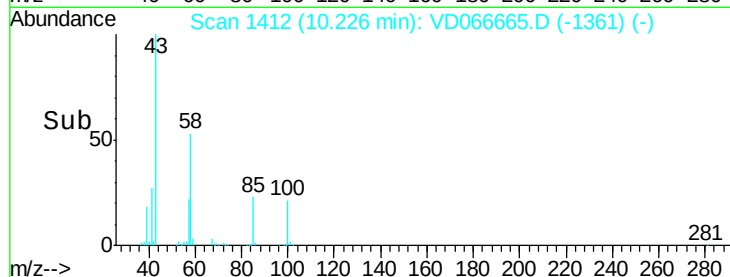
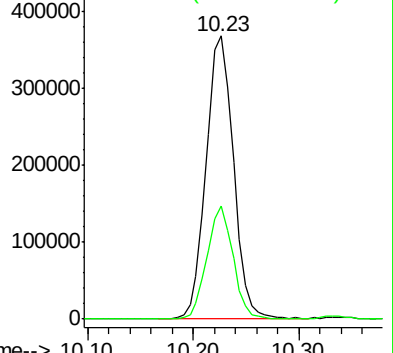
MMDadoda

9/15/2020 2:27:46 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 52.185 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066665.D

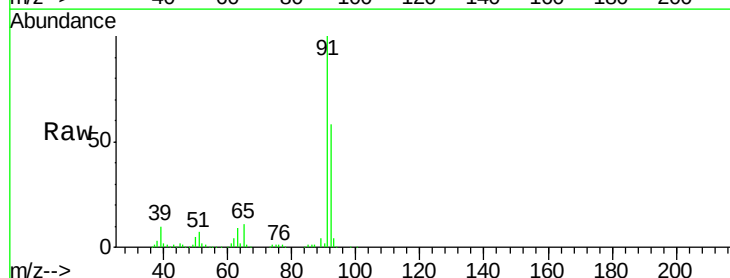
Acq: 14 Sep 2020 11:31

Tgt Ion: 92 Resp: 601490

Ion Ratio Lower Upper

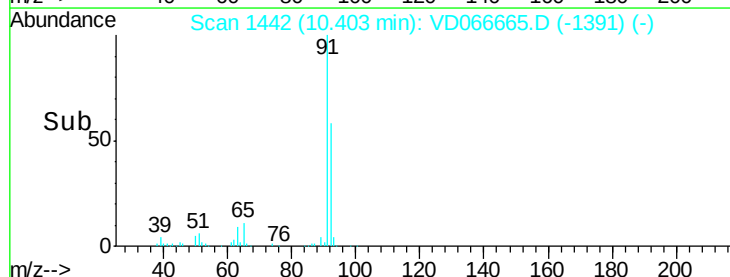
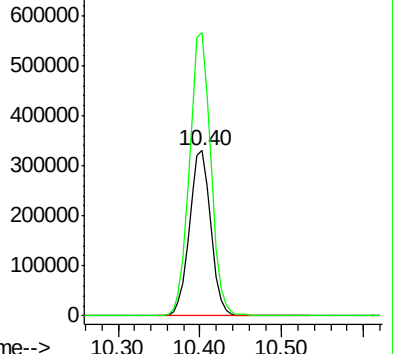
92 100

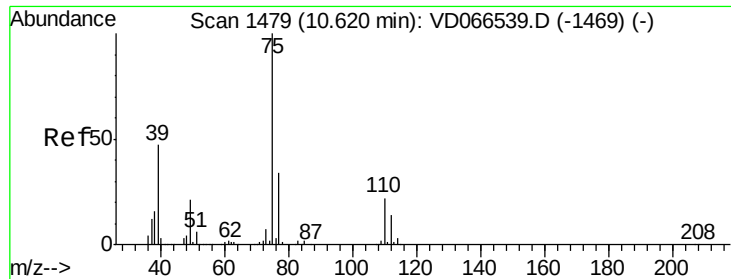
91 171.7 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





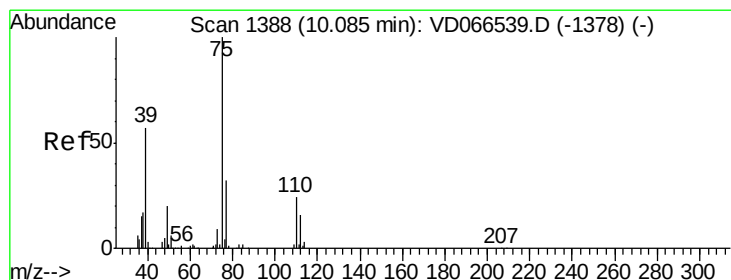
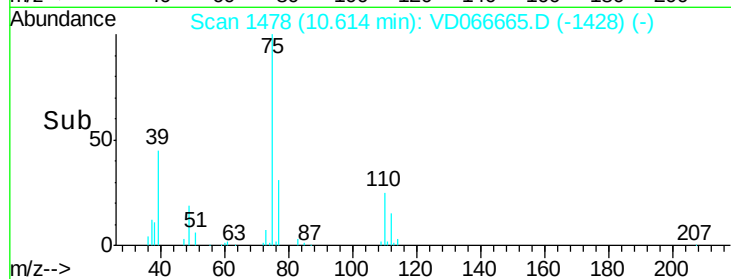
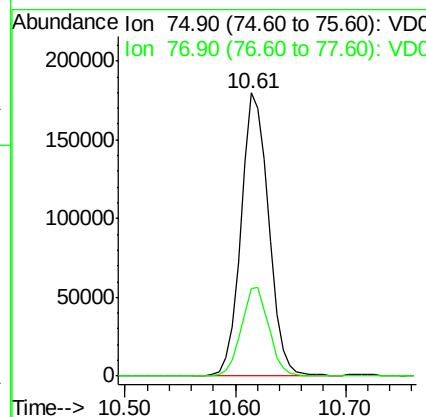
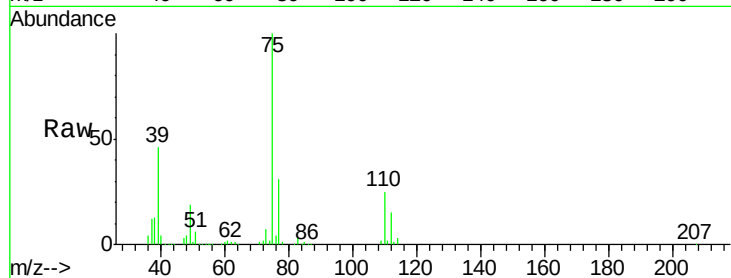
#53
 t-1,3-Dichloropropene
 Concen: 52.603 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	27.4	41.2

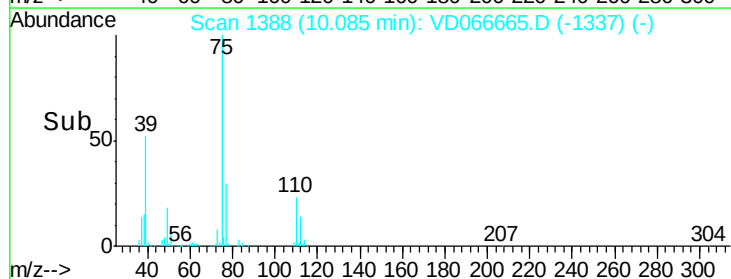
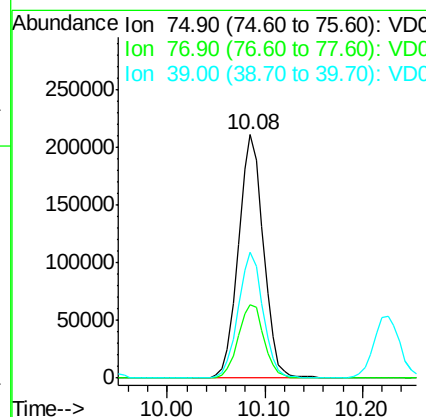
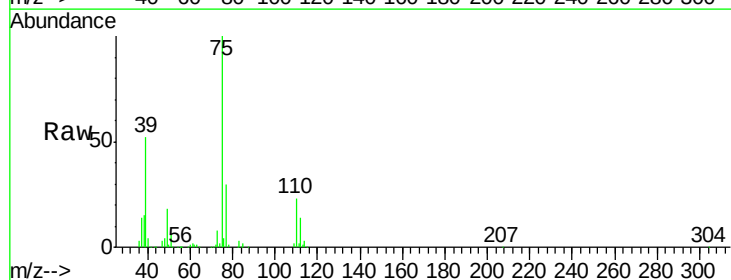
Manual Integrations
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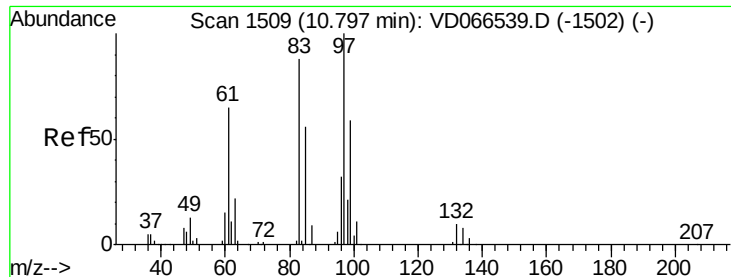
MMDadoda
 9/15/2020 2:27:46 PM



#54
 cis-1,3-Dichloropropene
 Concen: 52.090 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.0
39	51.7	45.4	68.0





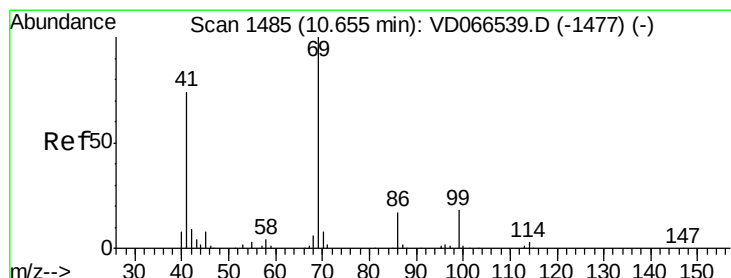
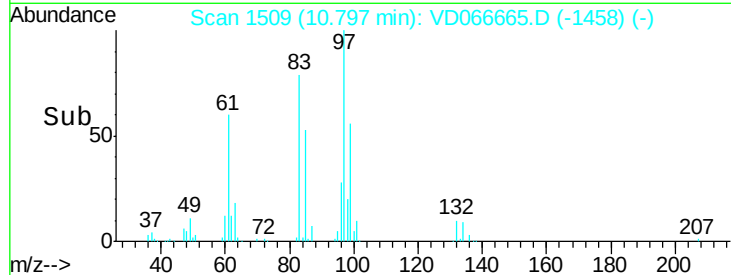
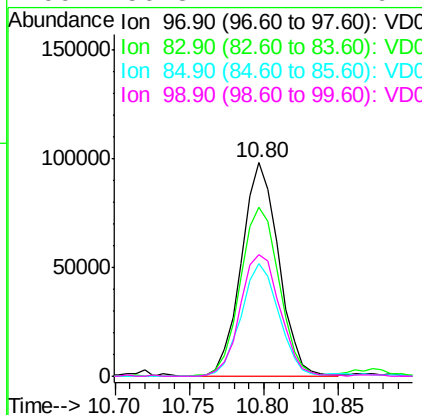
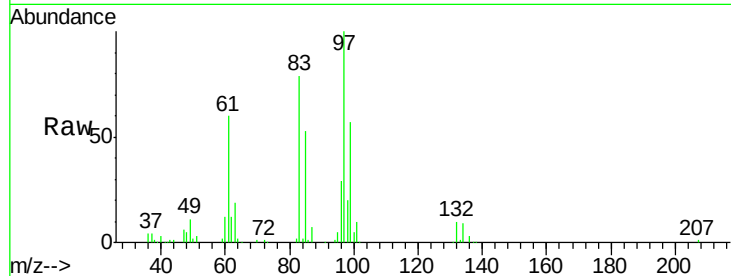
#55
 1,1,2-Trichloroethane
 Concen: 51.829 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		168353		
83	79.3	70.1	105.1		
85	52.8	44.5	66.7		
99	56.8	47.1	70.7		

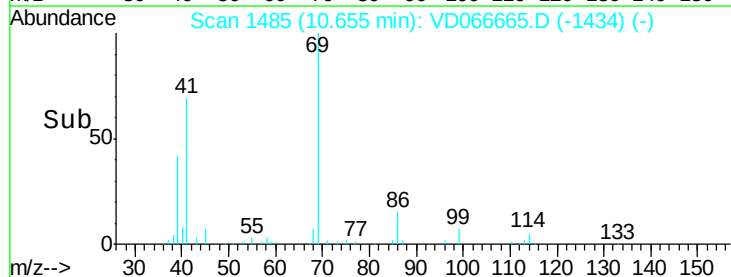
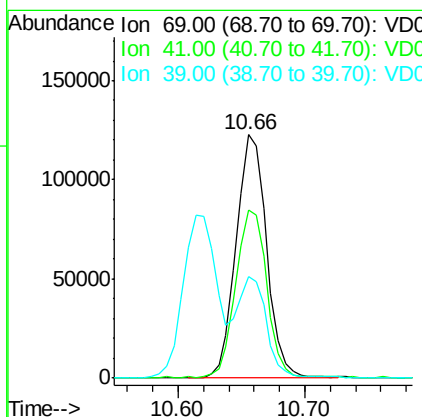
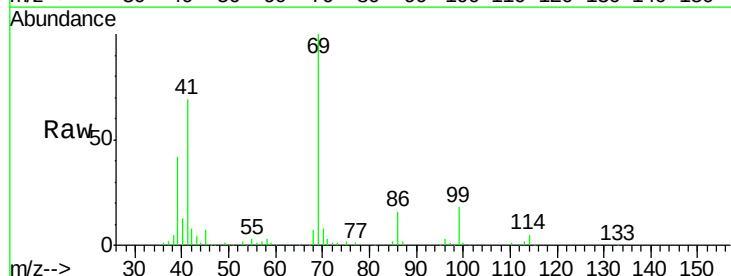
Manual Integrations
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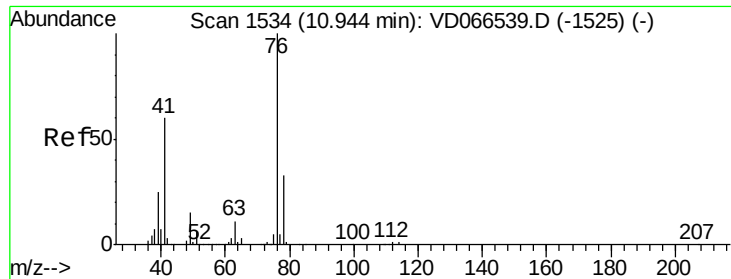
MMDadoda
 9/15/2020 2:27:46 PM



#56
 Ethyl methacrylate
 Concen: 54.233 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		205113		
41	69.7	56.8	85.2		
39	41.4	30.6	46.0		





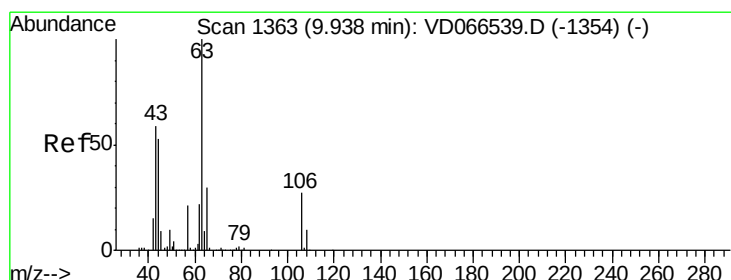
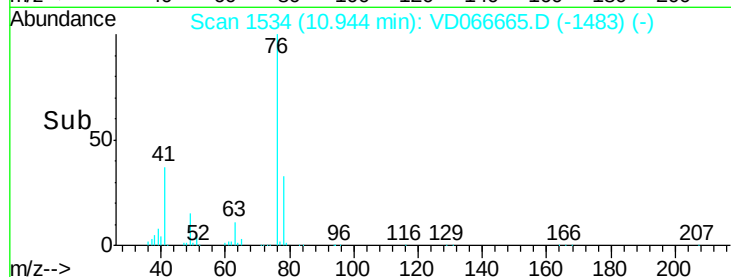
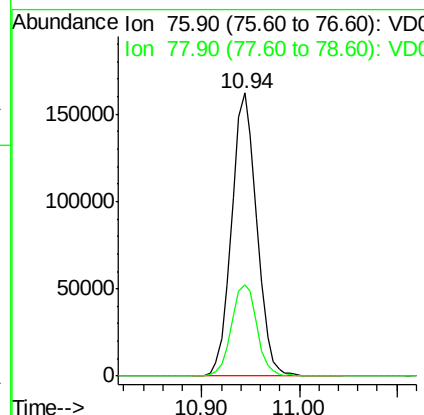
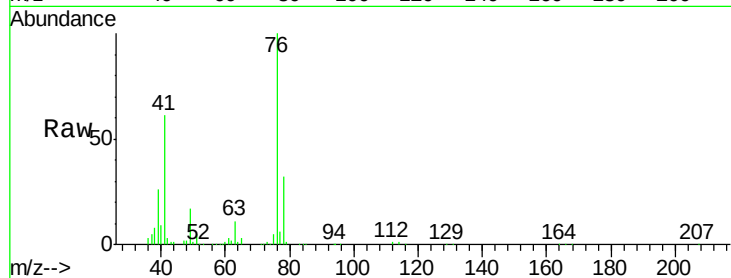
#57
 1,3-Dichloropropane
 Concen: 50.817 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

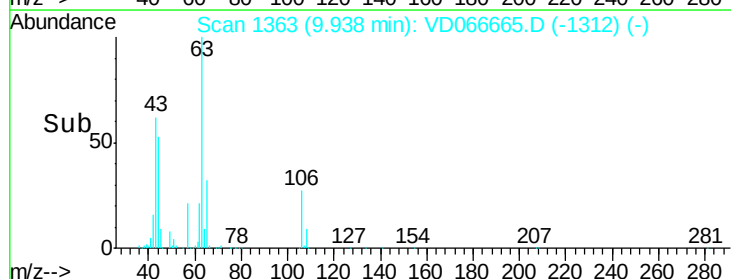
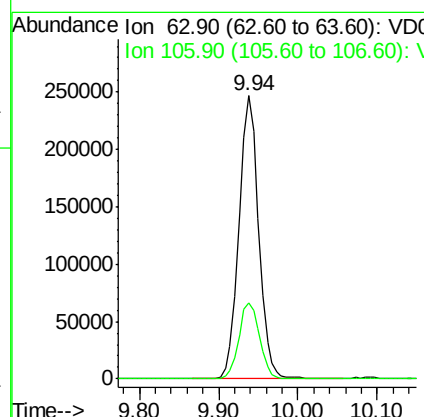
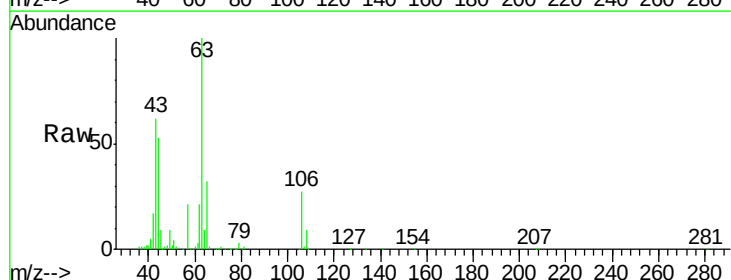
Manual Integrations
 APPROVED

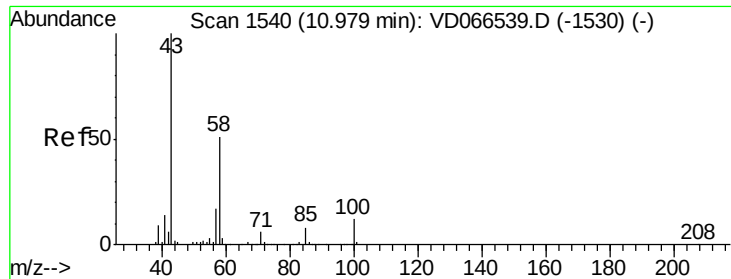
MMDadoda
 9/15/2020 2:27:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.382 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.0	33.0





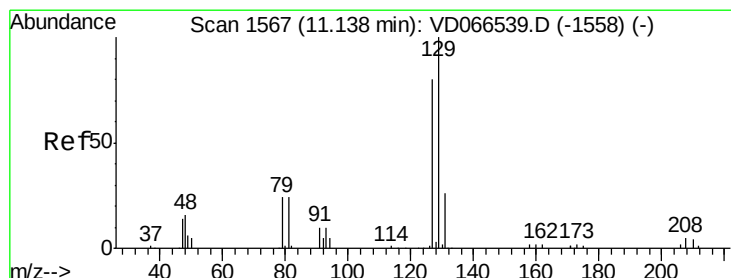
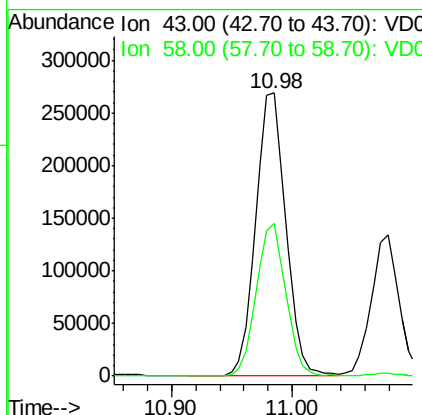
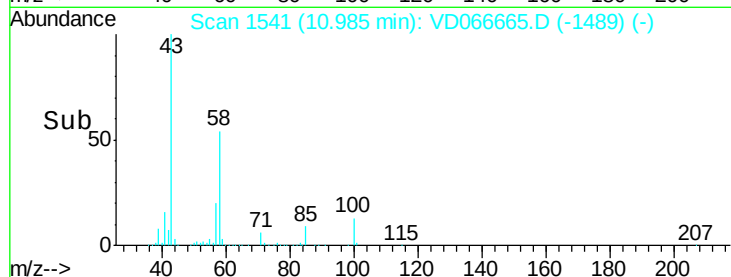
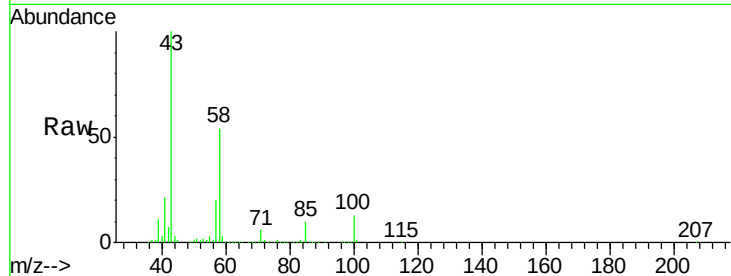
#59
2-Hexanone
Concen: 272.244 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 468434
Ion Ratio Lower Upper
43 100
58 52.9 25.6 76.8

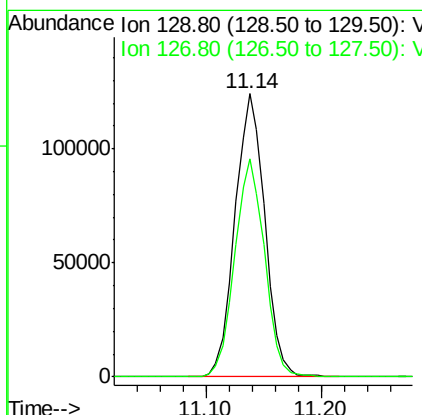
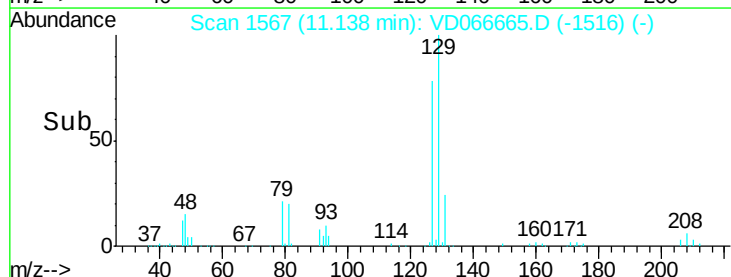
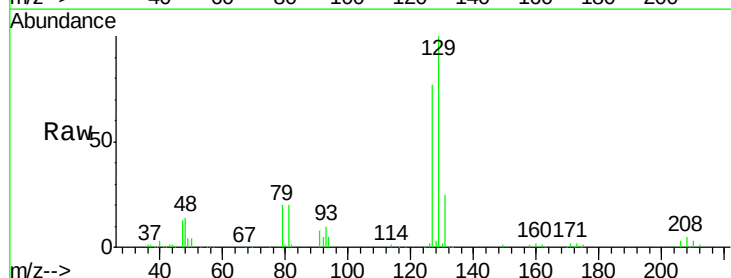
Manual Integrations
APPROVED

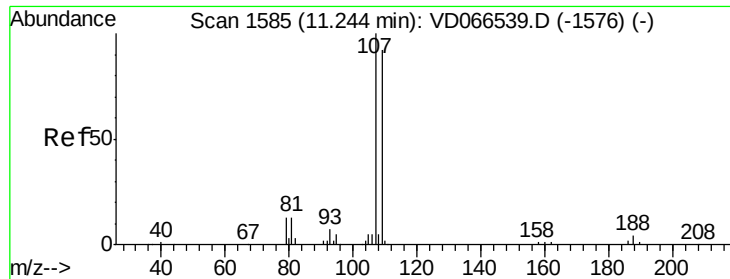
MMDadoda
9/15/2020 2:27:46 PM



#60
Dibromochloromethane
Concen: 51.636 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion: 129 Resp: 221793
Ion Ratio Lower Upper
129 100
127 77.0 39.5 118.3





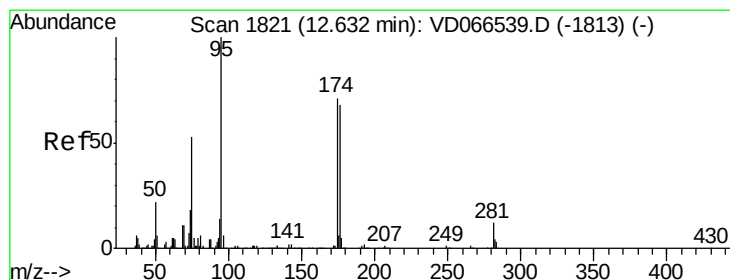
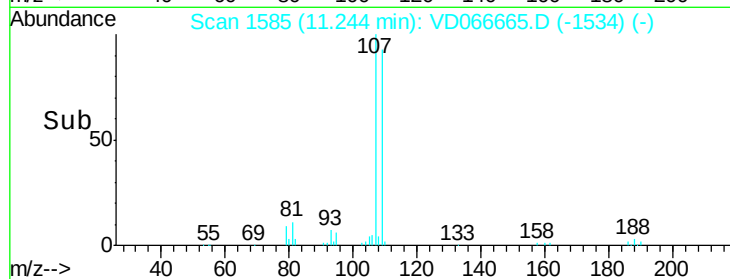
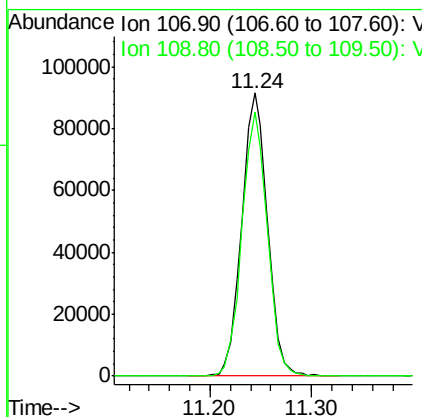
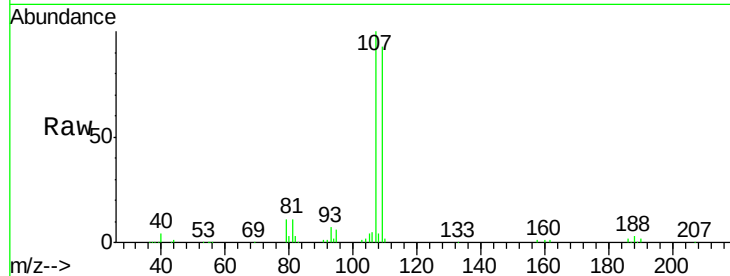
#61
 1,2-Dibromoethane
 Concen: 50.887 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	74.4	111.6

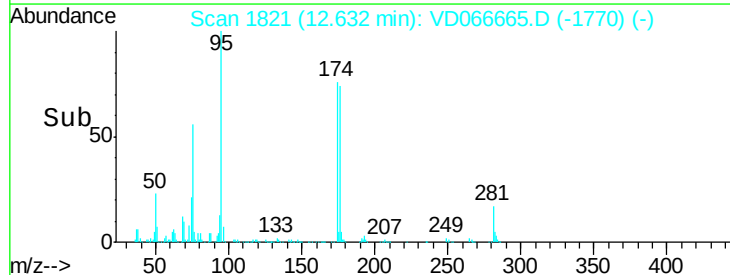
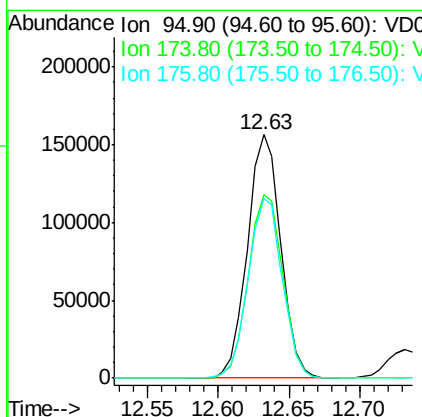
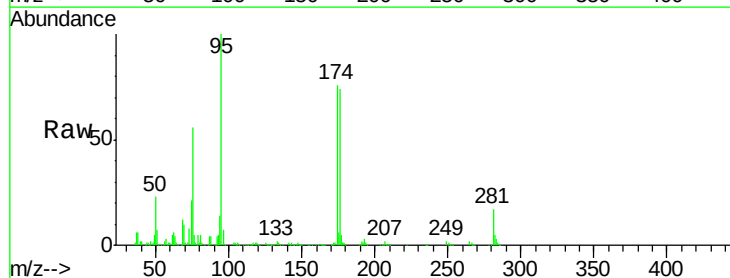
Manual Integrations
 APPROVED

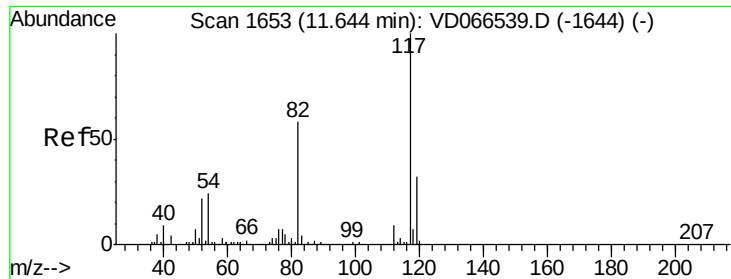
MMDadoda
 9/15/2020 2:27:46 PM



#62
 4-Bromofluorobenzene
 Concen: 50.796 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	155.8
176	75.9	0.0	148.6





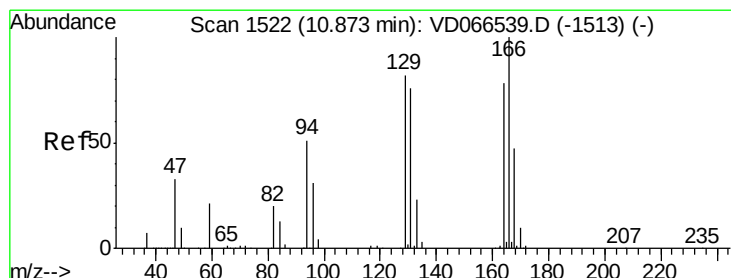
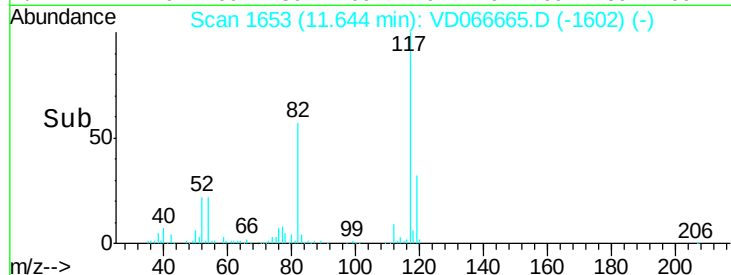
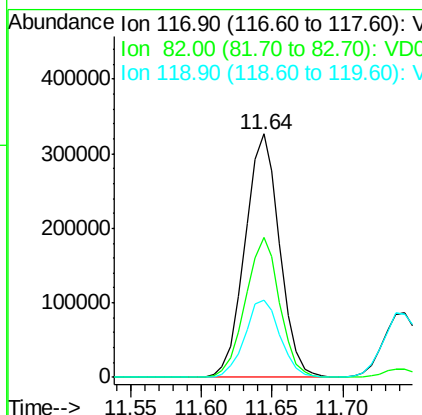
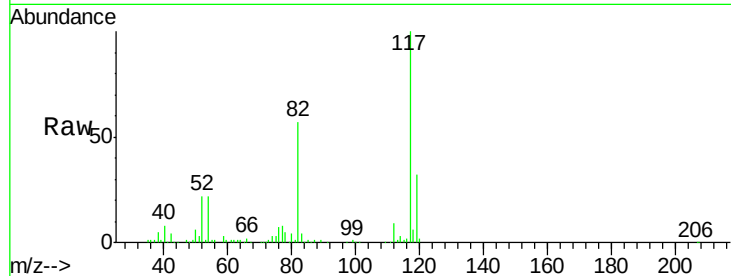
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	561739		
82	57.4		46.2	69.2
119	31.7		25.8	38.8

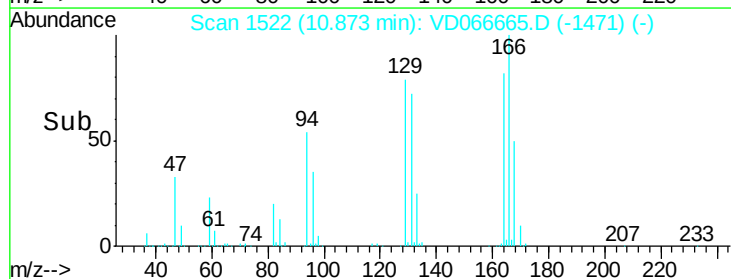
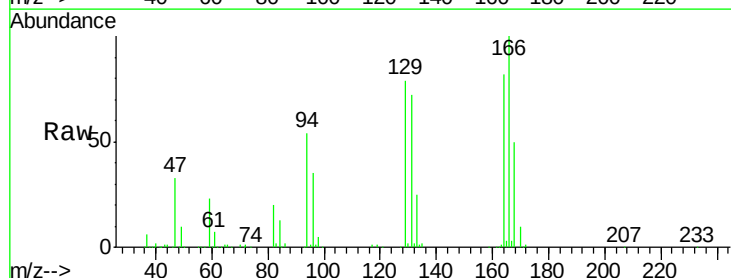
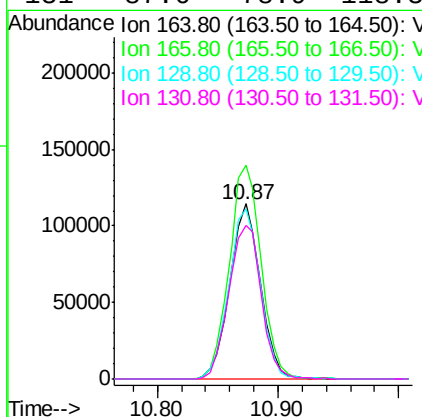
Manual Integrations
APPROVED

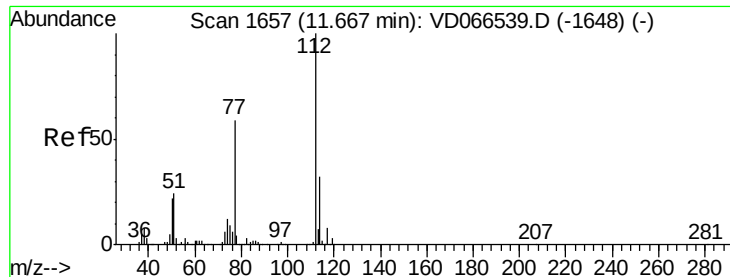
MMDadoda
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#64
Tetrachloroethene
Concen: 53.547 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202527		
166	122.2		103.2	154.8
129	97.1		84.5	126.7
131	87.6		78.9	118.3





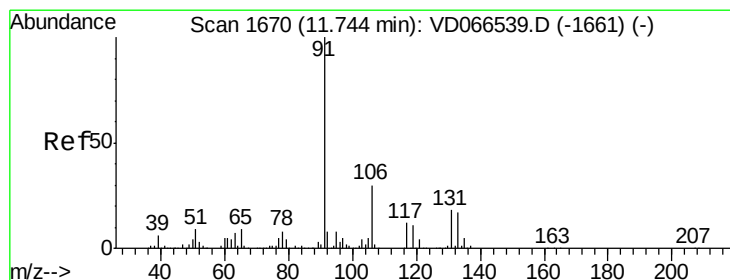
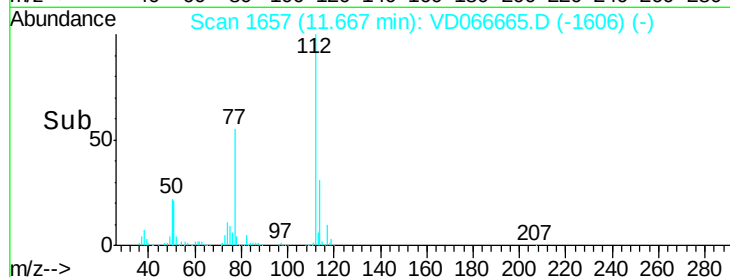
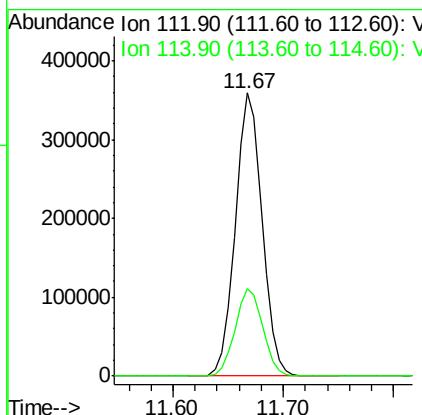
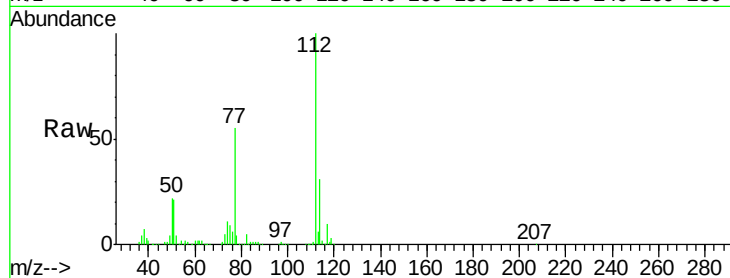
#65
Chlorobenzene
Concen: 52.768 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.7	38.5

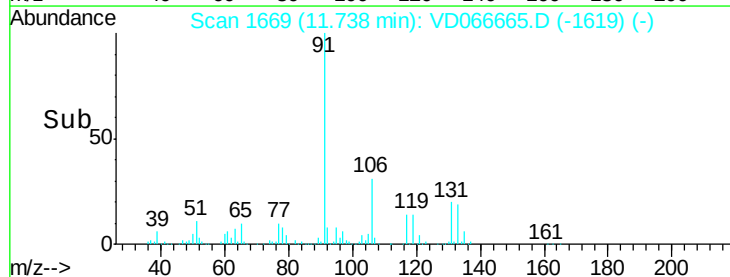
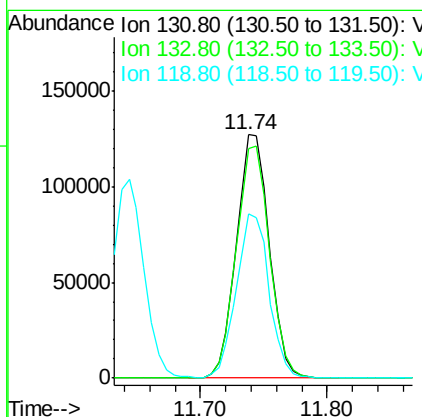
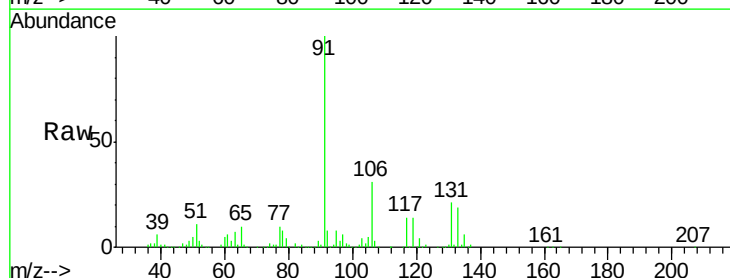
Manual Integrations
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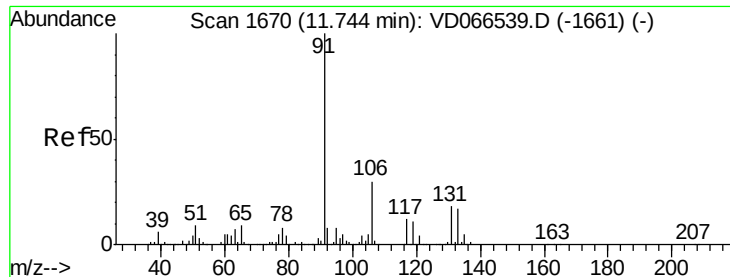
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.664 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	46.7	140.0
119	67.4	31.9	95.7





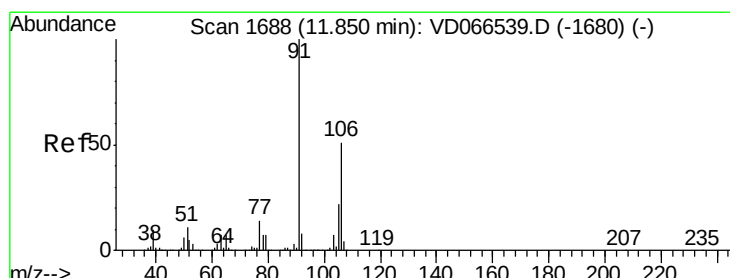
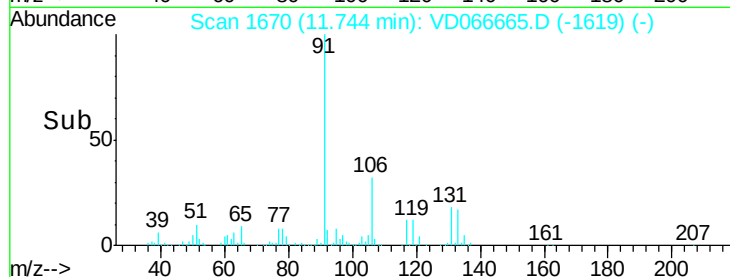
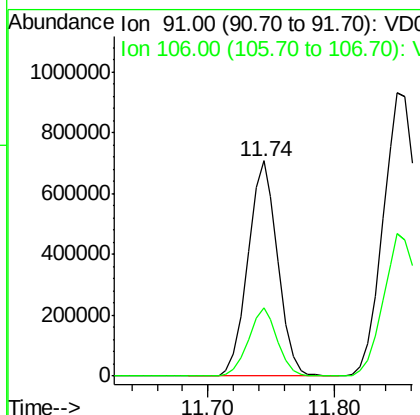
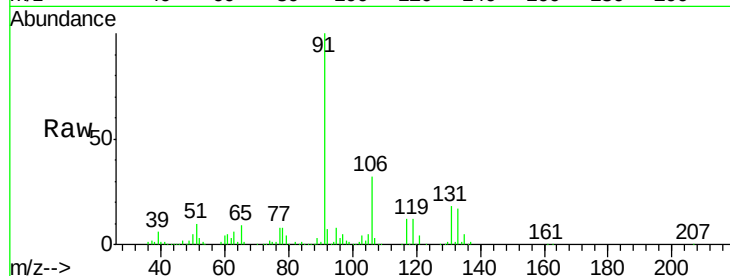
#67
Ethyl Benzene
Concen: 54.099 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1151677
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5

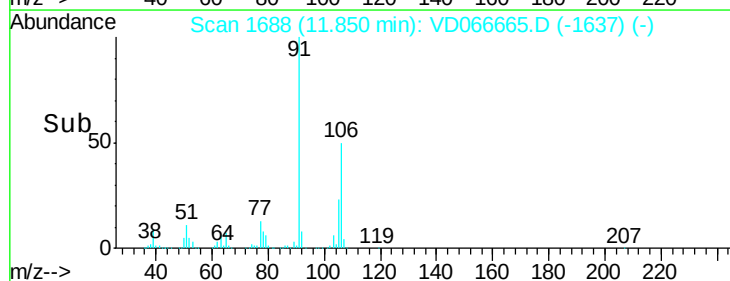
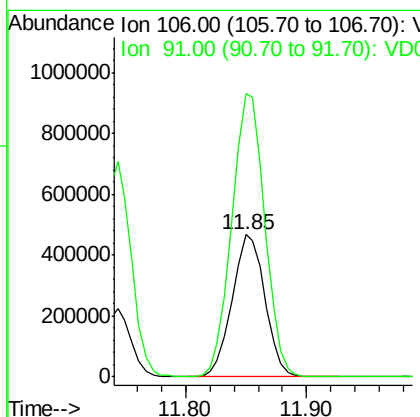
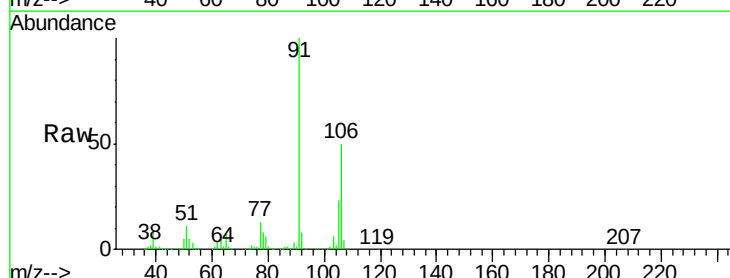
Manual Integrations
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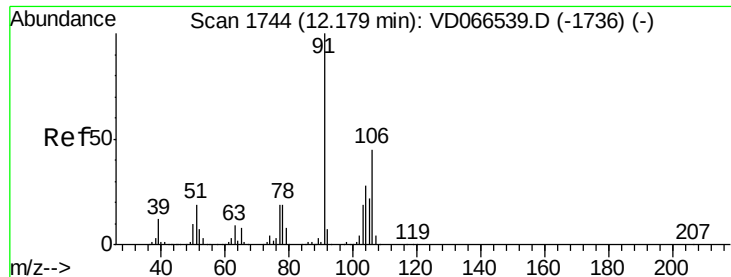
MMDadoda
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#68
m/p-Xylenes
Concen: 111.794 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion: 106 Resp: 883675
Ion Ratio Lower Upper
106 100
91 200.5 162.4 243.6





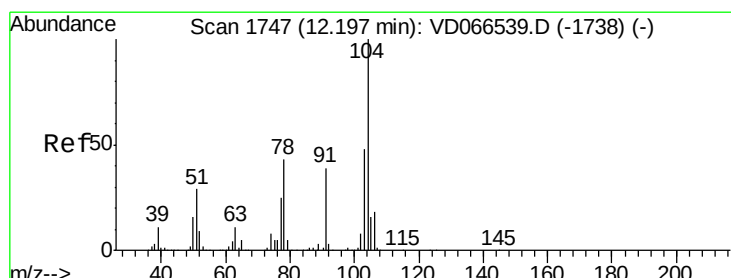
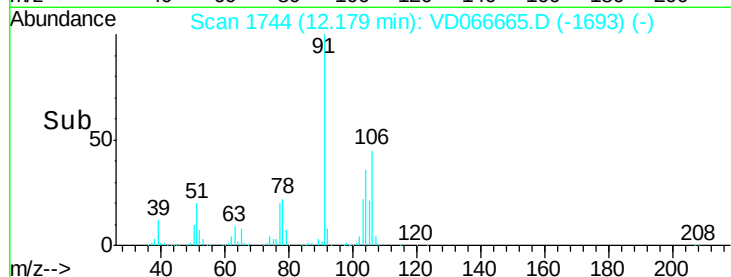
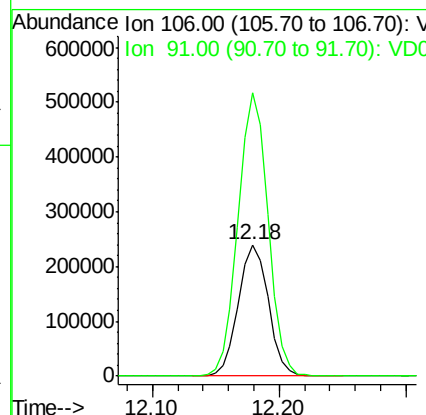
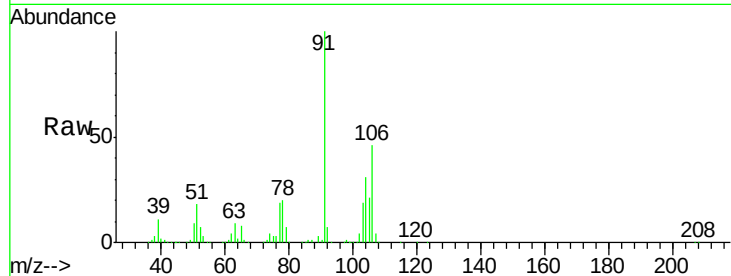
#69
o-Xylene
Concen: 55.618 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	393997		
91	214.1	107.9	323.8	

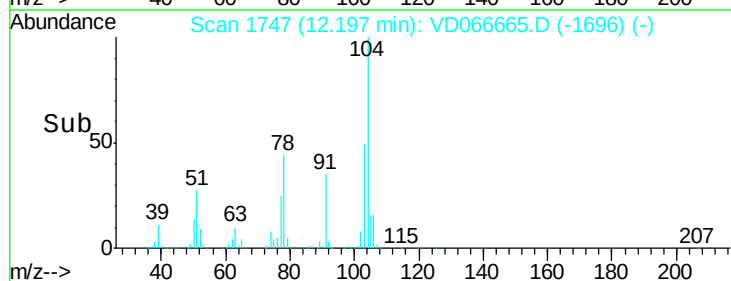
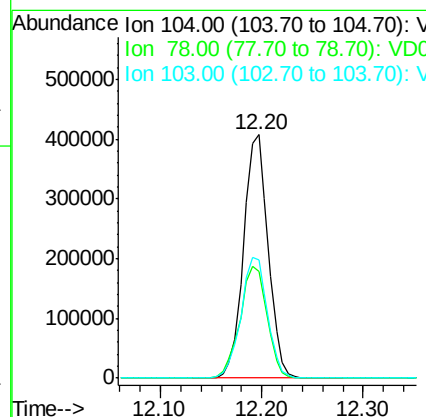
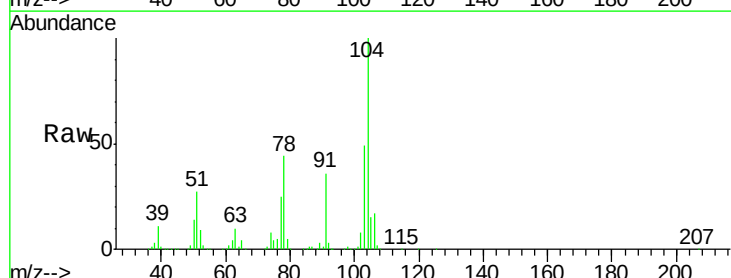
Manual Integrations
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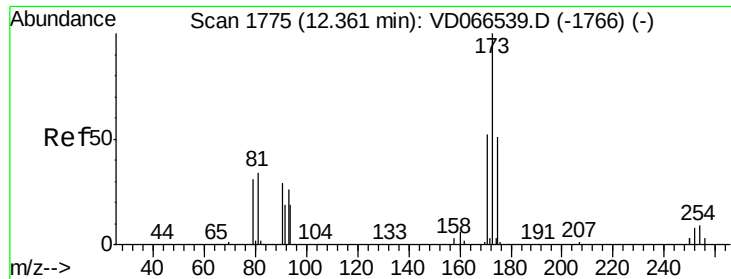
MMDadoda
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#70
Styrene
Concen: 55.571 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	684386		
78	50.7	40.7	61.1	
103	53.5	42.9	64.3	





#71

Bromoform

Concen: 52.187 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 116375

Ion Ratio Lower Upper

173 100

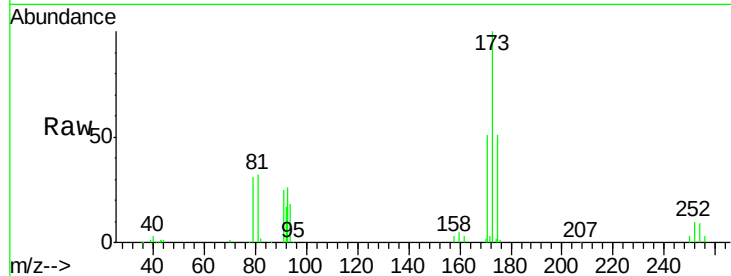
175 50.0 24.2 72.6

254 0.0 0.0 0.0

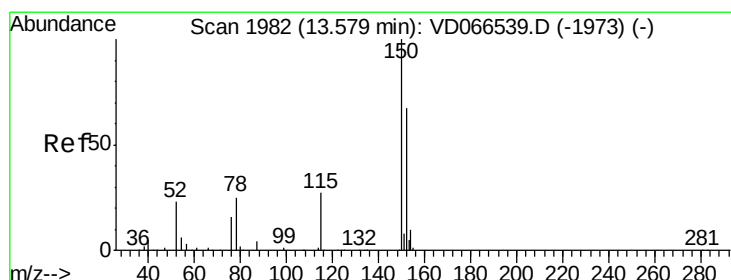
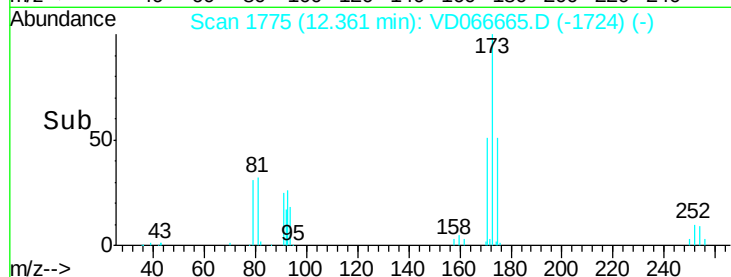
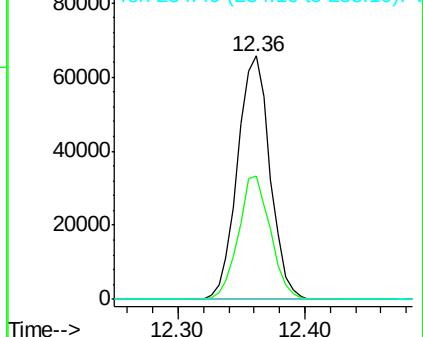
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

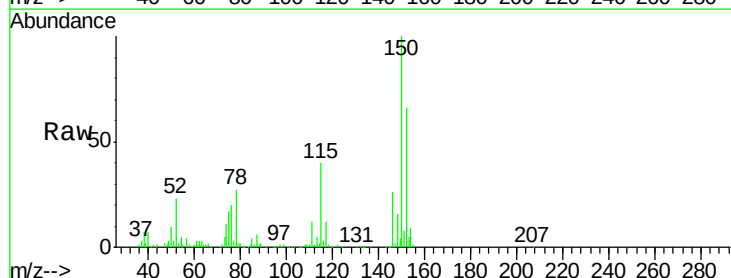
Tgt Ion:152 Resp: 268100

Ion Ratio Lower Upper

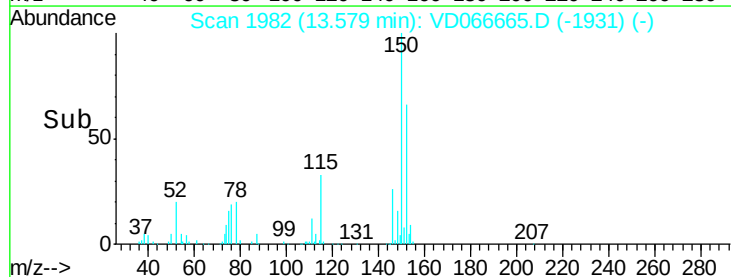
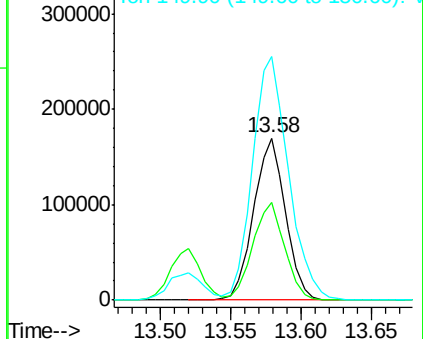
152 100

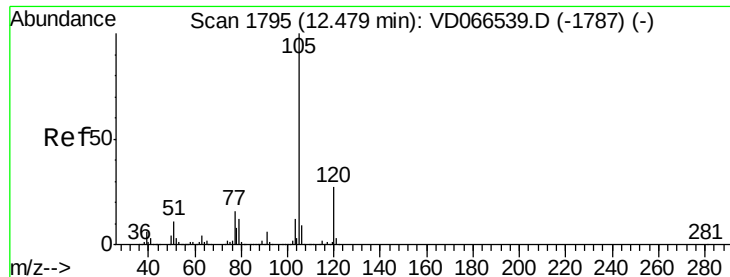
115 60.7 30.4 91.2

150 170.1 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





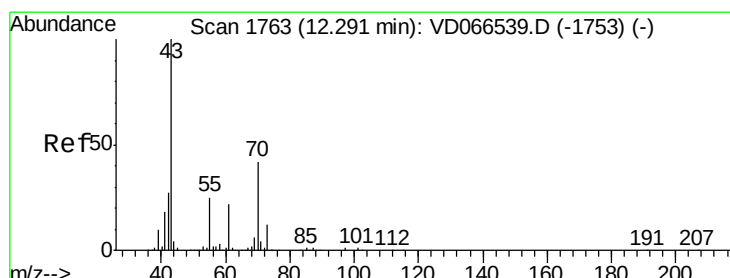
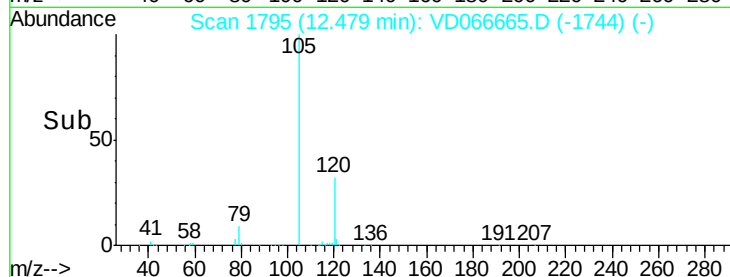
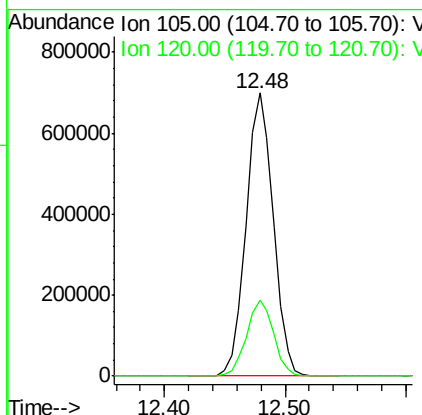
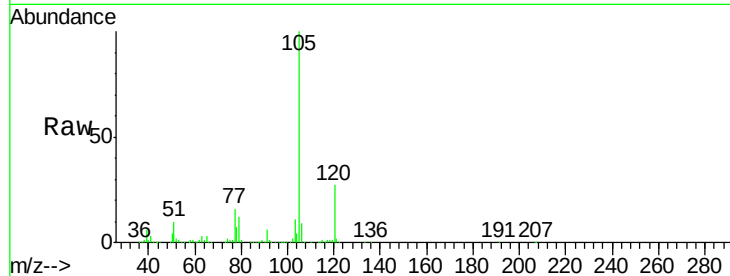
#73
Isopropylbenzene
Concen: 55.396 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1099607
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

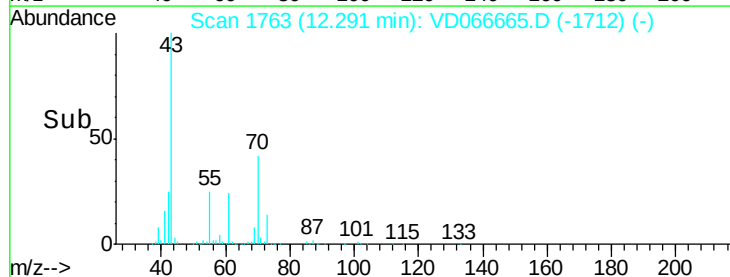
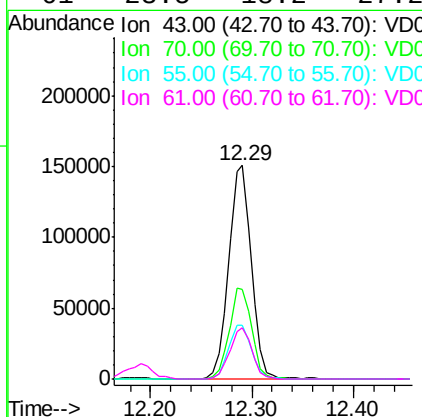
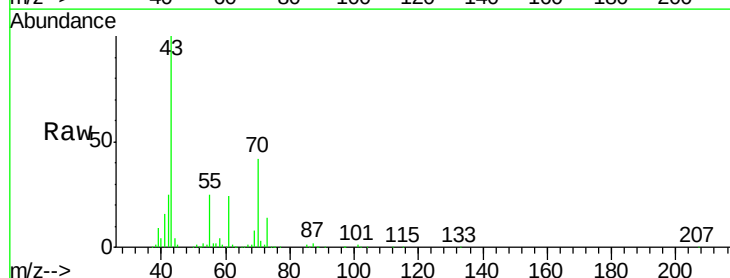
Manual Integrations
APPROVED

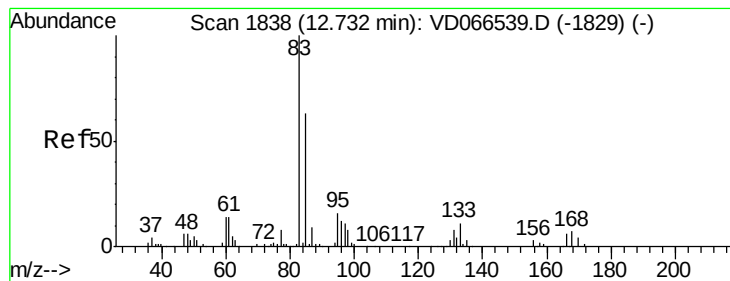
MMDadoda
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#74
N-ethyl acetate
Concen: 51.769 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion: 43 Resp: 232741
Ion Ratio Lower Upper
43 100
70 42.4 33.4 50.2
55 25.6 20.1 30.1
61 23.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.472 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 176994

Ion Ratio Lower Upper

83 100

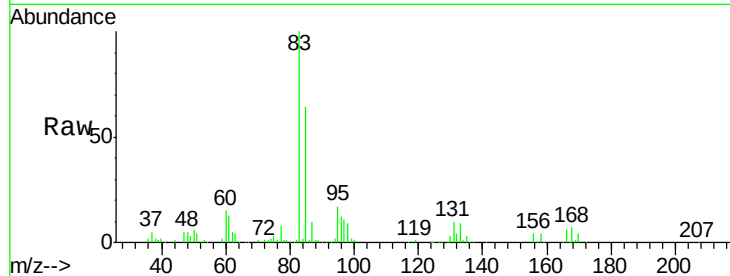
131 11.8 5.0 15.0

85 64.9 32.1 96.3

Manual Integrations
APPROVED

MMDadoda

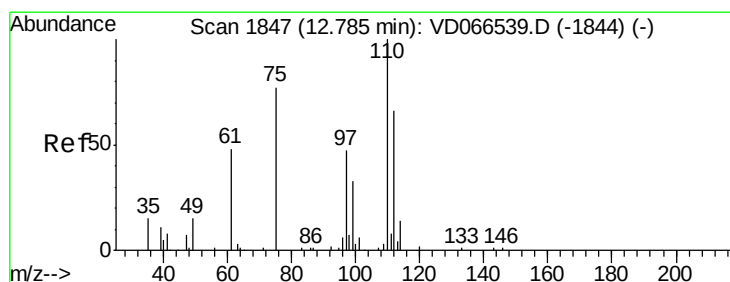
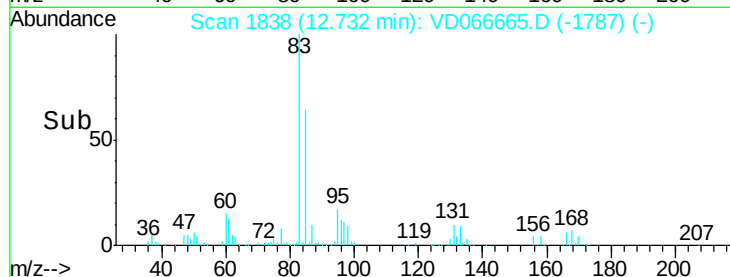
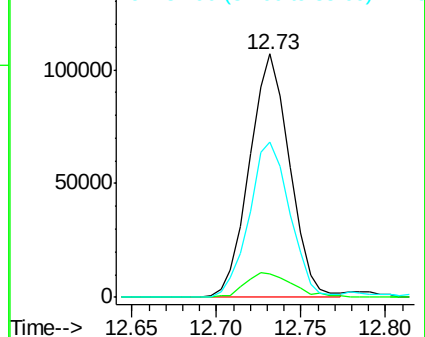
9/15/2020 2:27:46 PM



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 42.480 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066665.D

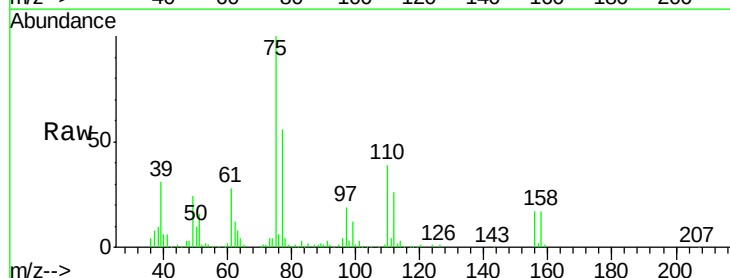
Acq: 14 Sep 2020 11:31

Tgt Ion: 75 Resp: 109530

Ion Ratio Lower Upper

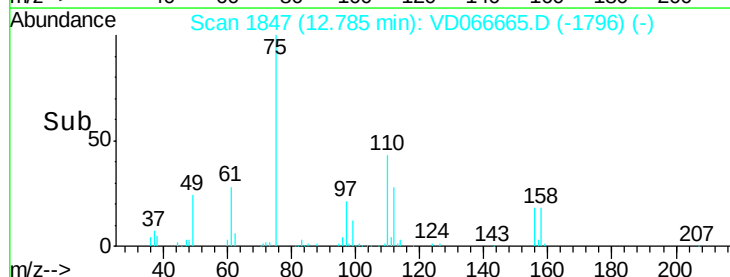
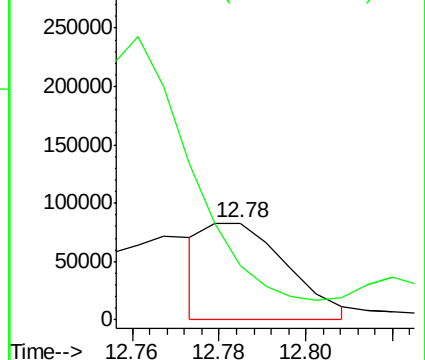
75 100

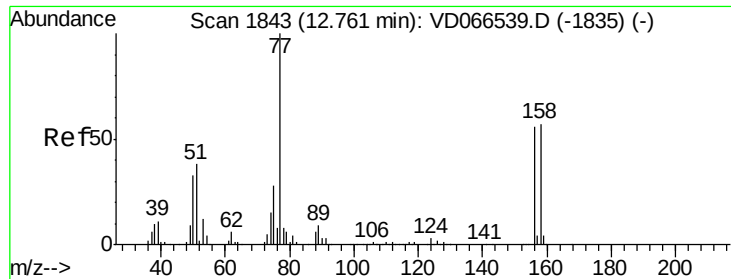
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





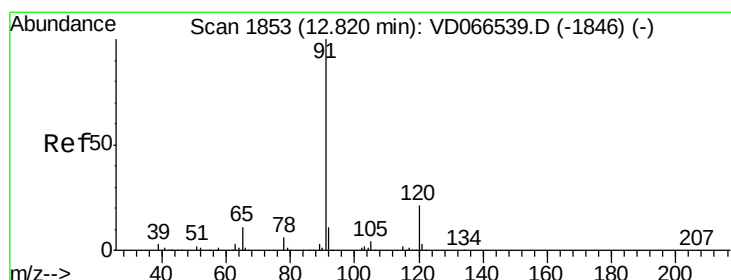
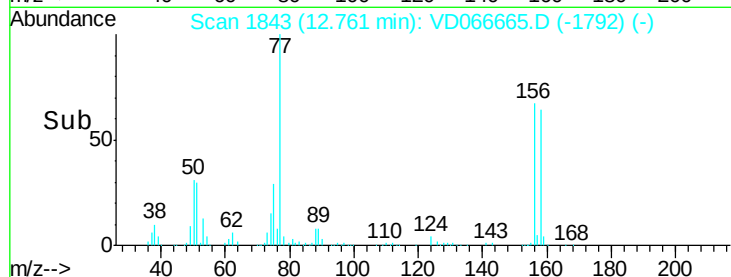
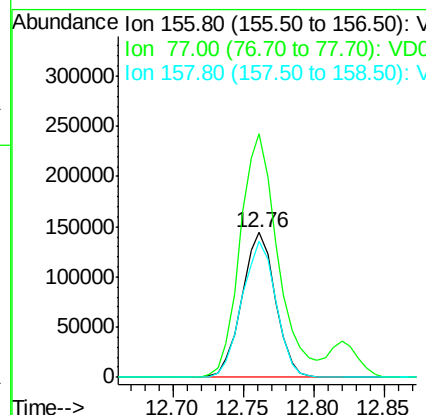
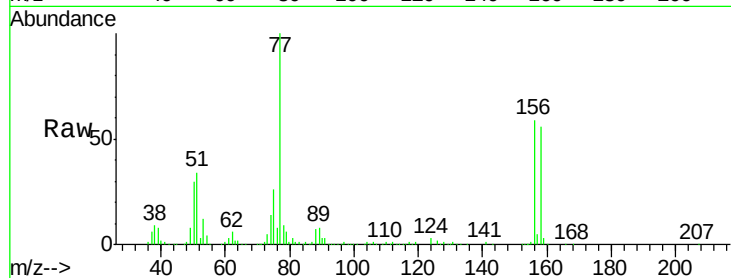
#77
Bromobenzene
Concen: 54.015 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.4	98.0	294.1
158	96.2	48.1	144.3

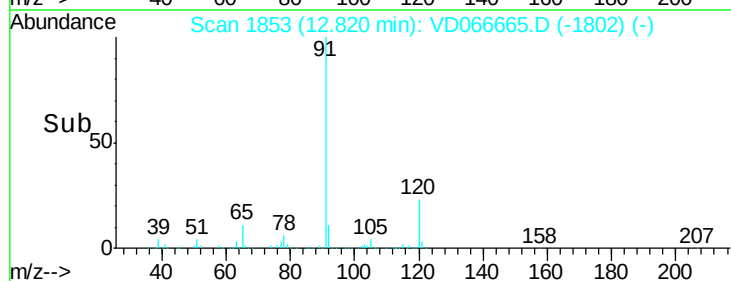
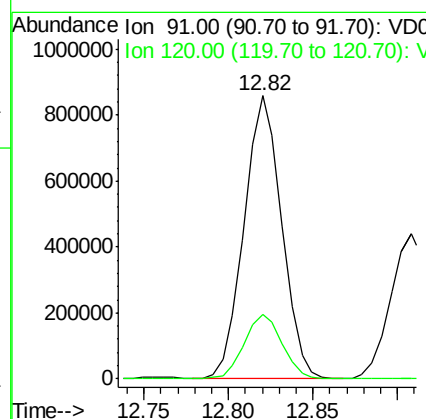
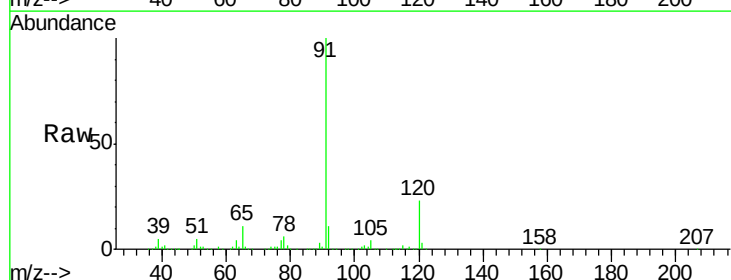
Manual Integrations
APPROVED

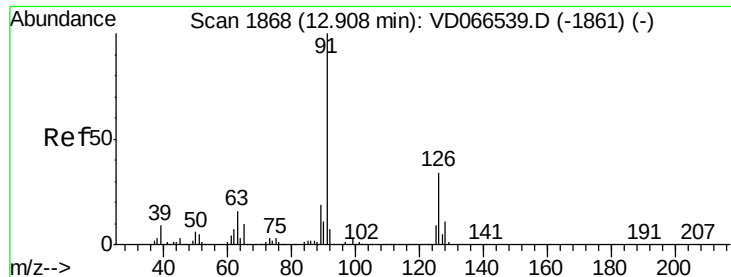
MMDadoda
9/15/2020 2:27:46 PM



#78
n-propylbenzene
Concen: 55.274 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.1	33.1





#79

2-Chlorotoluene

Concen: 53.375 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 720520

Ion Ratio Lower Upper

91 100

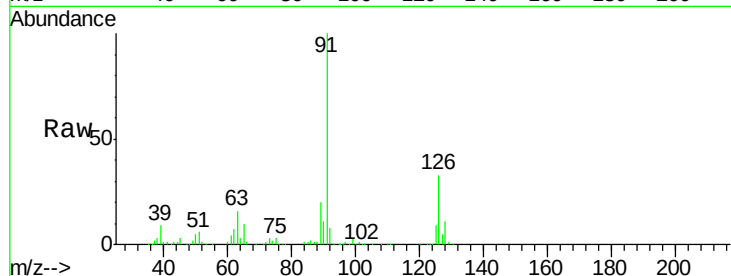
126 33.7 16.4 49.4

Manual Integrations

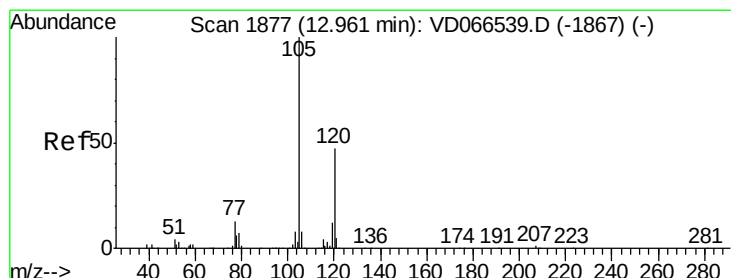
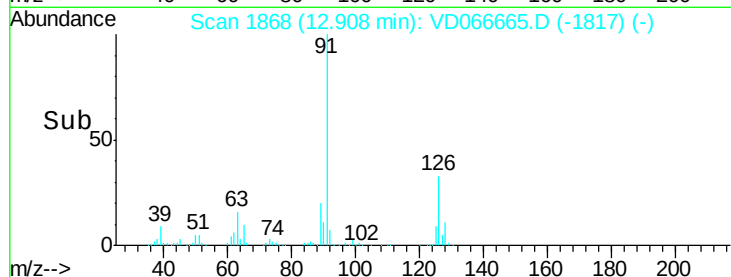
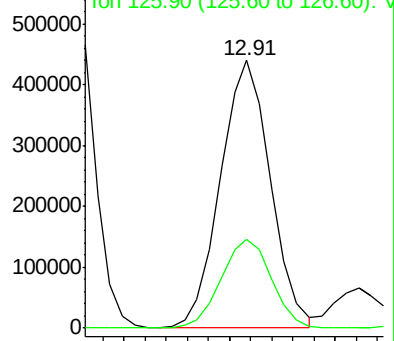
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VD066665.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.693 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066665.D

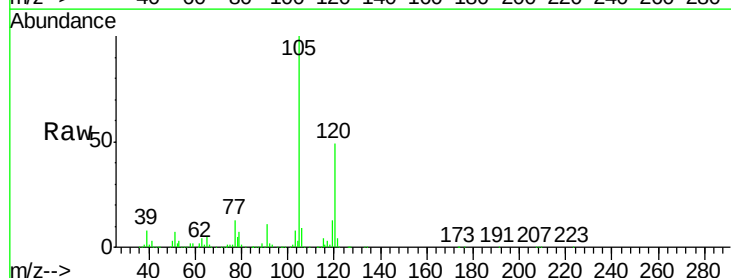
Acq: 14 Sep 2020 11:31

Tgt Ion: 105 Resp: 913752

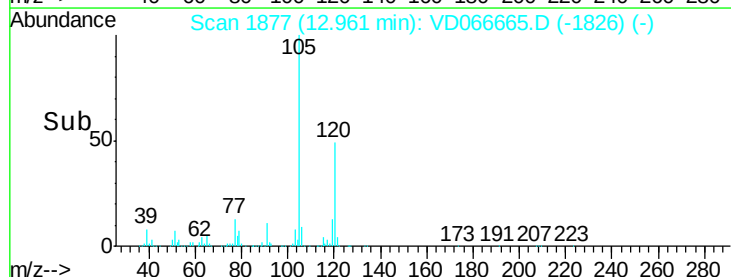
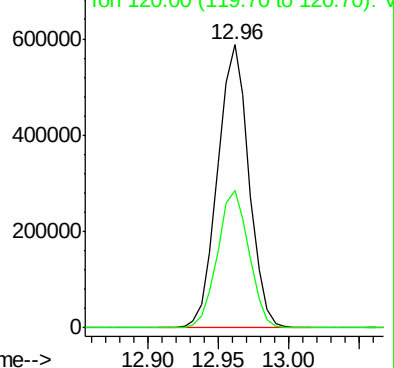
Ion Ratio Lower Upper

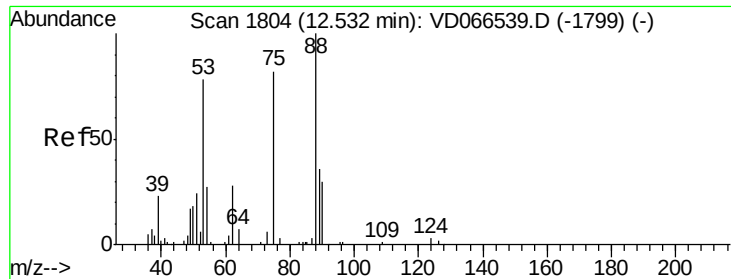
105 100

120 49.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VD066665.D (-1826) (-)





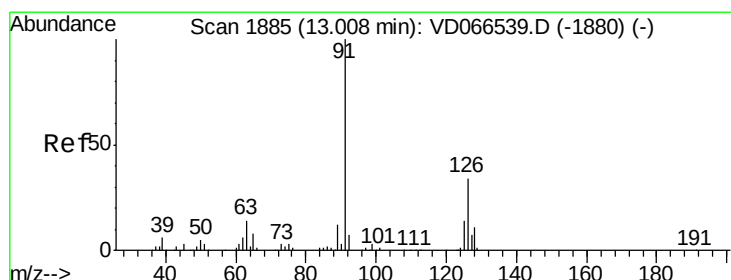
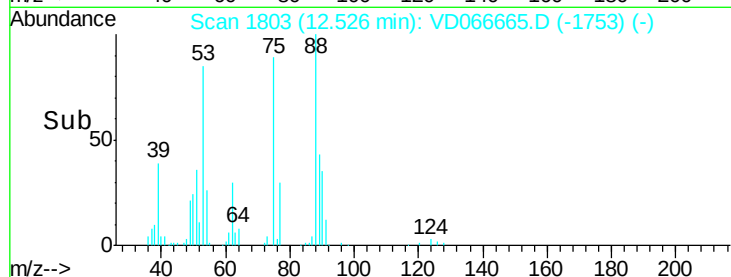
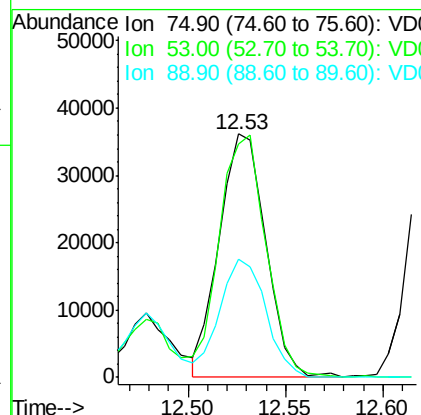
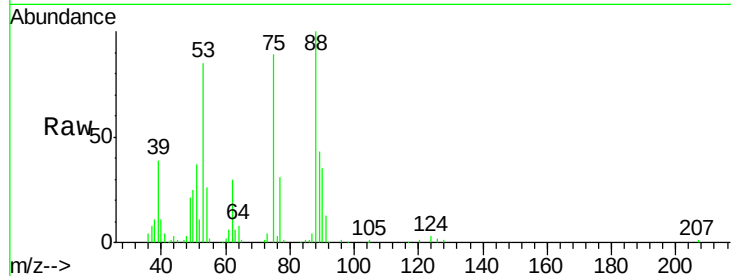
#81
trans-1,4-Dichloro-2-butene
Concen: 54.259 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	87.0	130.4
89	48.3	37.1	55.7

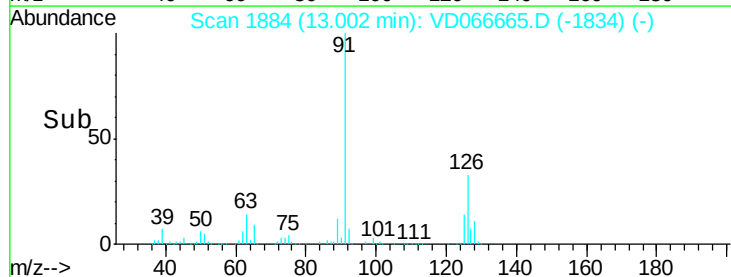
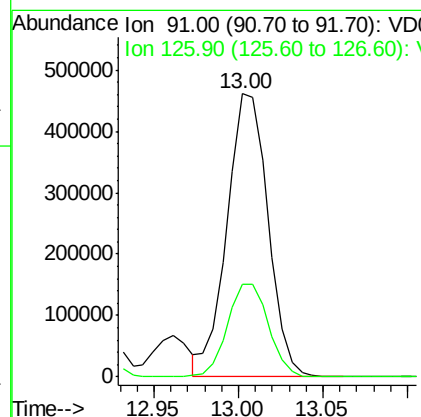
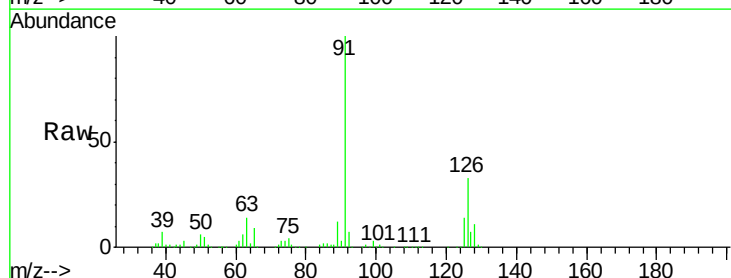
Manual Integrations
APPROVED

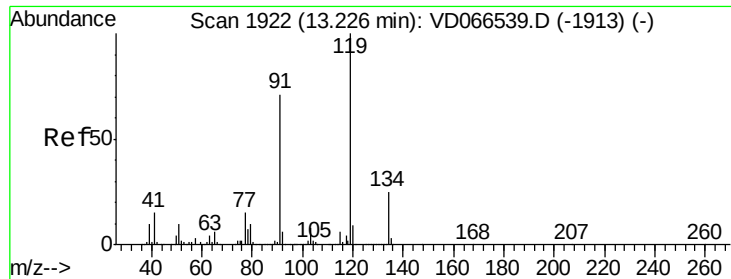
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.123 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





#83

tert-Butylbenzene

Concen: 56.785 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

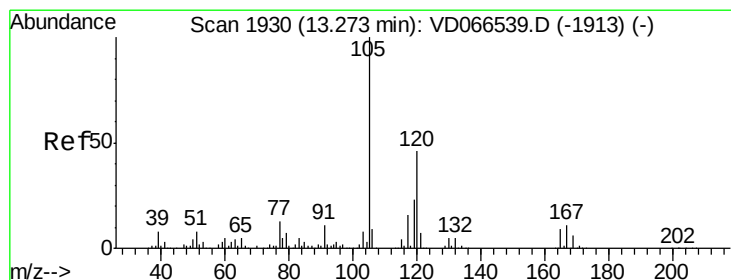
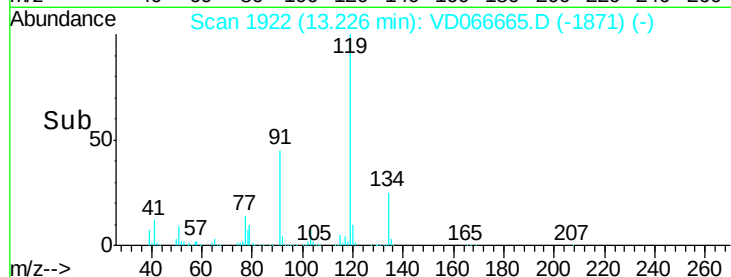
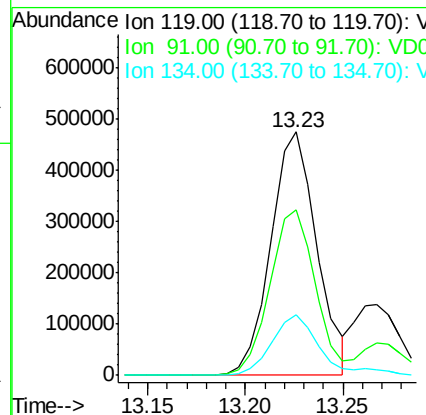
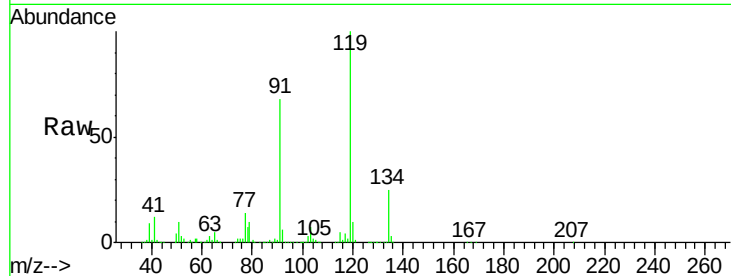
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	774722
Ion Ratio	Lower	Upper	
119	100		
91	67.1	35.2	105.6
134	26.4	13.5	40.5

Manual Integrations
APPROVED

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#84

1,2,4-Trimethylbenzene

Concen: 54.699 ug/l

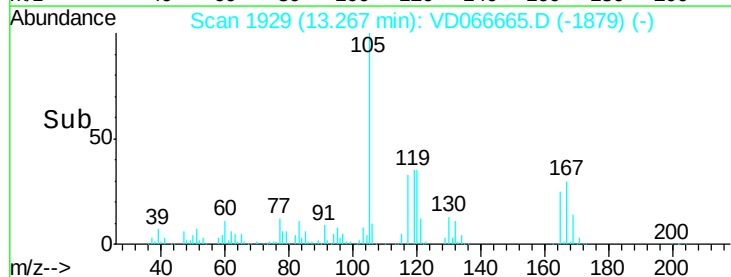
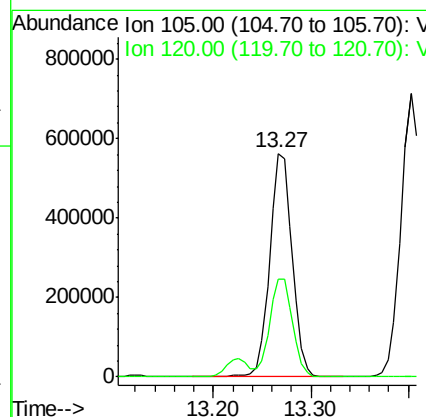
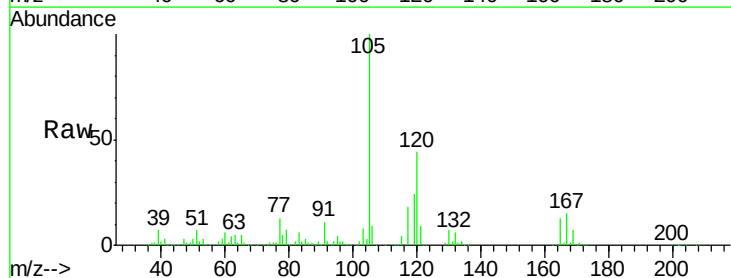
RT: 13.27 min Scan# 1929

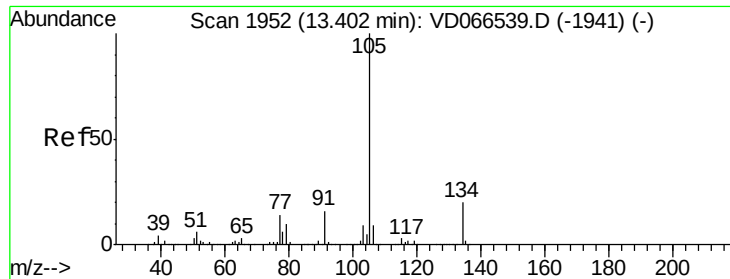
Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion:	105	Resp:	909852
Ion Ratio	Lower	Upper	
105	100		
120	44.4	22.6	67.7





#85

sec-Butylbenzene

Concen: 56.170 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1104089

Ion Ratio Lower Upper

105 100

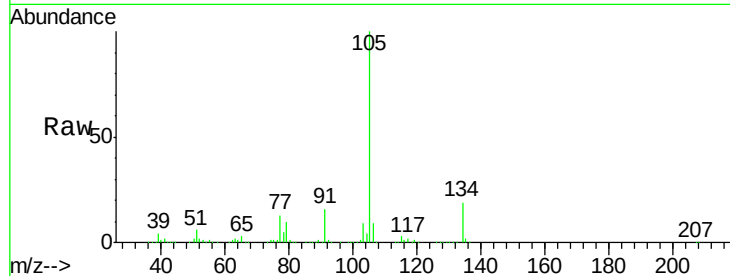
134 19.6 9.8 29.5

Manual Integrations

APPROVED

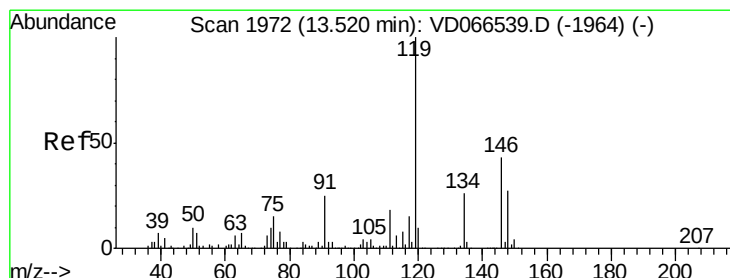
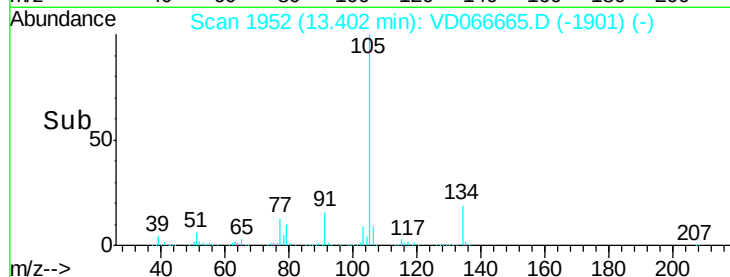
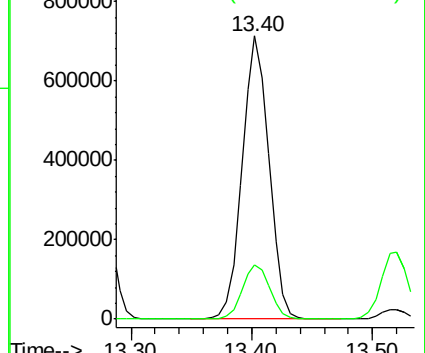
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.678 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

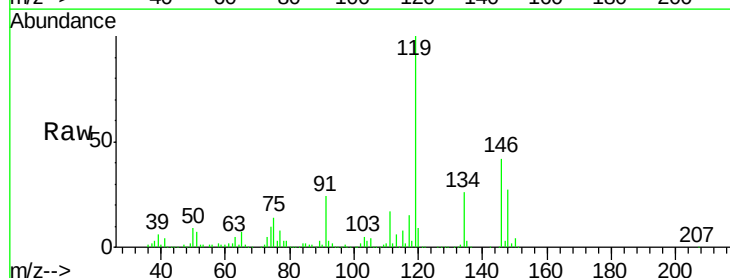
Tgt Ion:119 Resp: 1002730

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.0

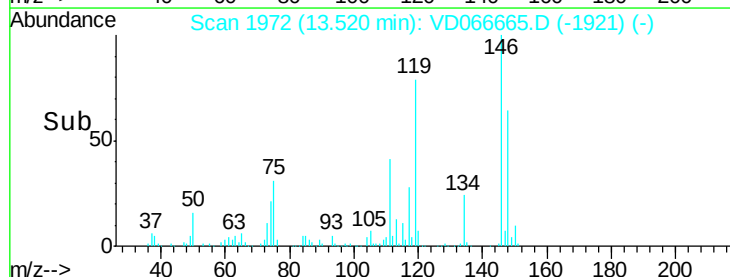
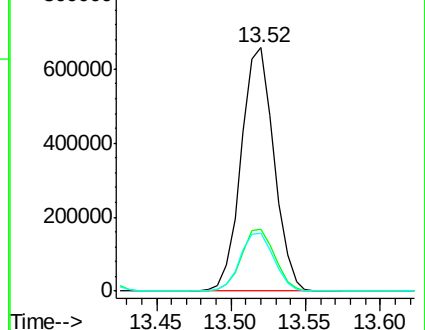
91 24.7 12.5 37.5

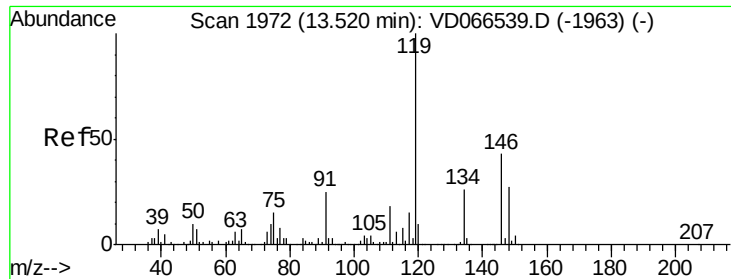


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





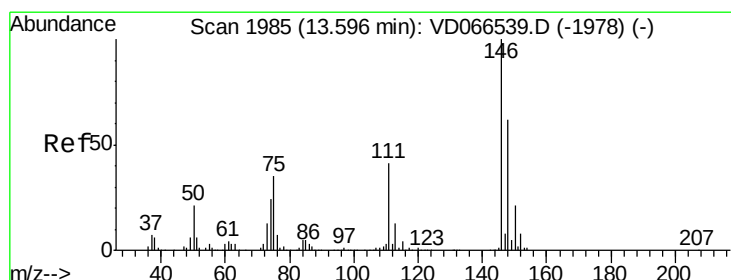
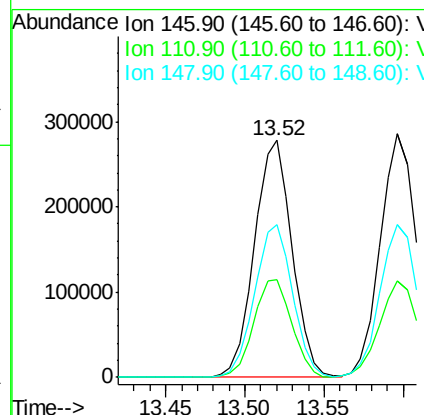
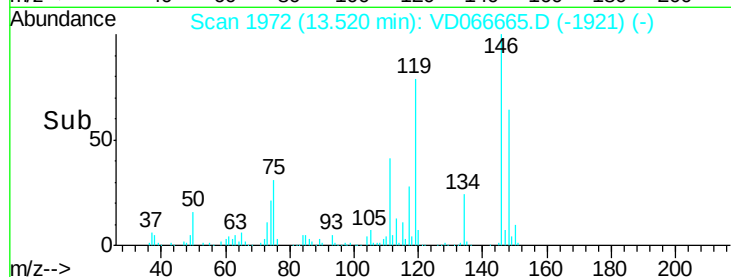
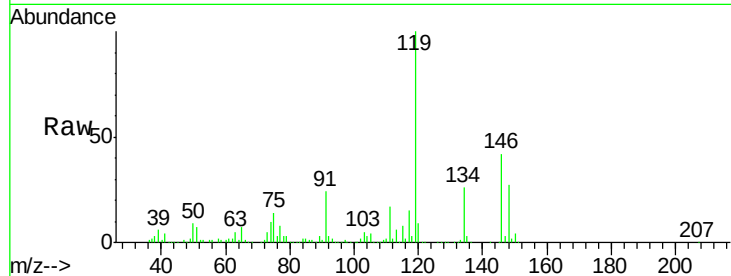
#87
 1,3-Dichlorobenzene
 Concen: 52.267 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	459197		
111	41.8	20.6	61.9	
148	65.0	32.1	96.3	

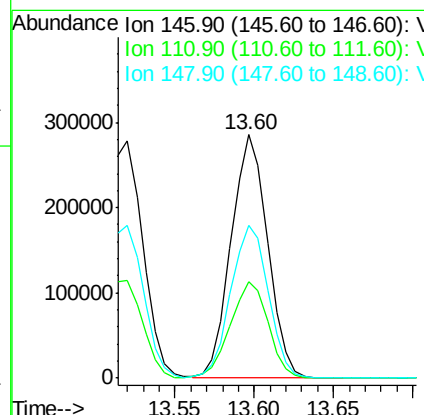
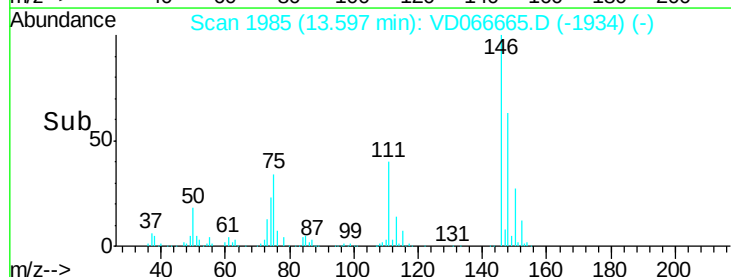
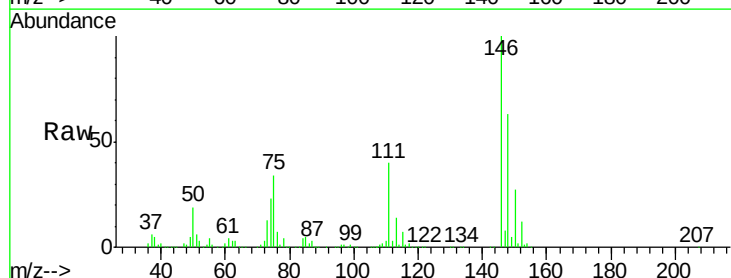
Manual Integrations
 APPROVED

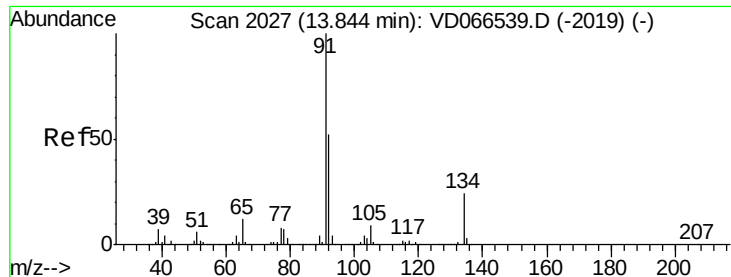
MMDadoda
 9/15/2020 2:27:46 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.762 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	456439		
111	41.0	20.1	60.2	
148	64.5	31.6	94.8	





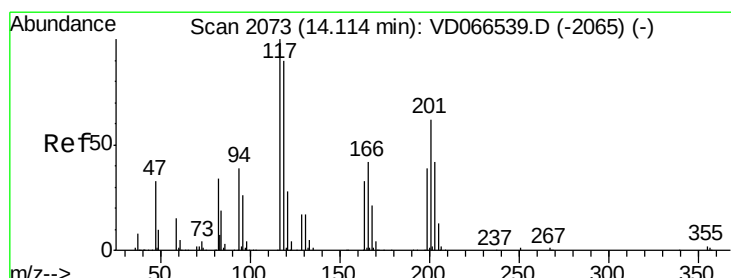
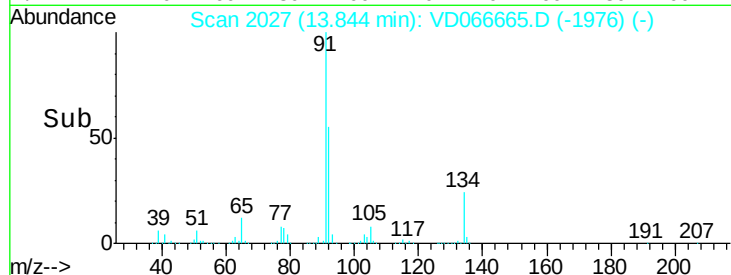
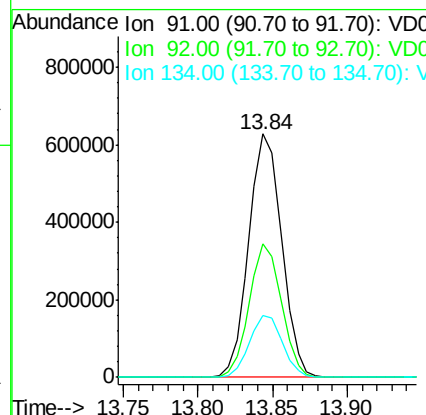
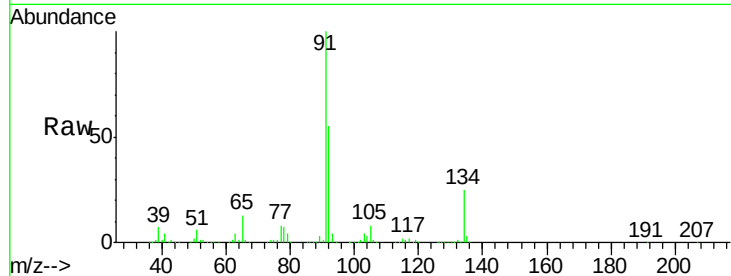
#89
n-Butylbenzene
Concen: 55.661 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	26.5	79.5	
134	25.4	12.1	36.3	

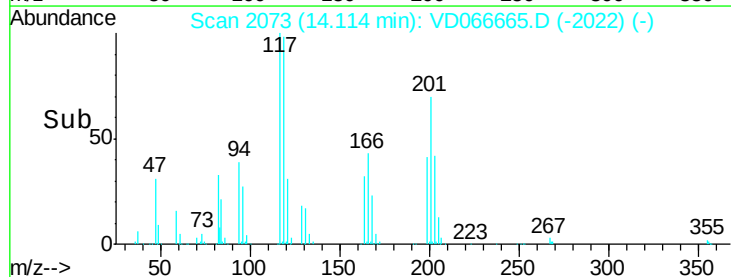
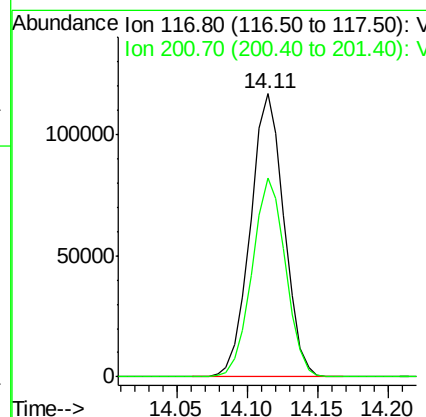
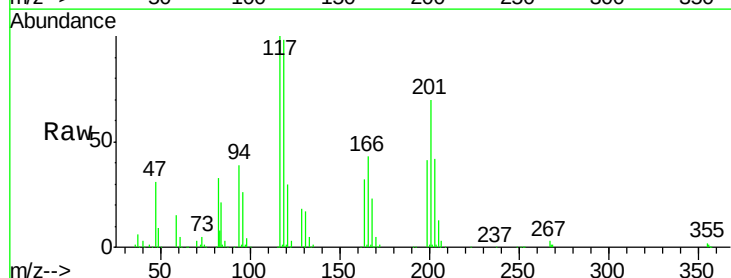
Manual Integrations
APPROVED

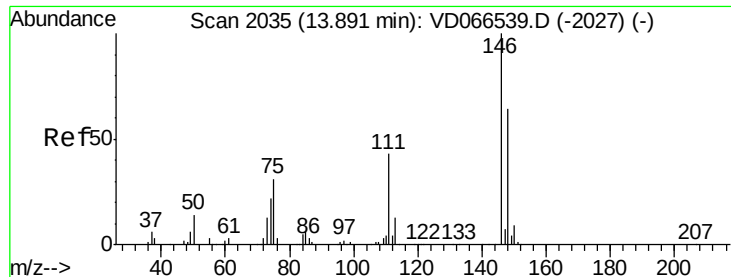
MMDadoda
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#90
Hexachloroethane
Concen: 51.296 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066665.D
Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	69.9	31.9	95.5	





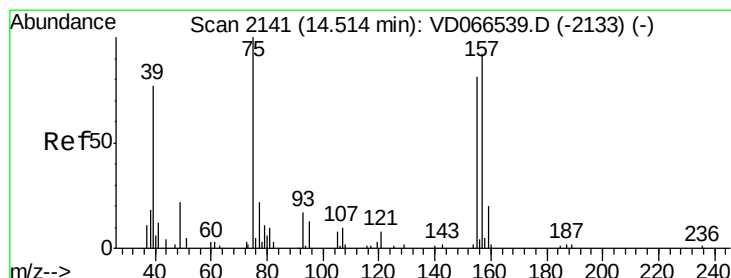
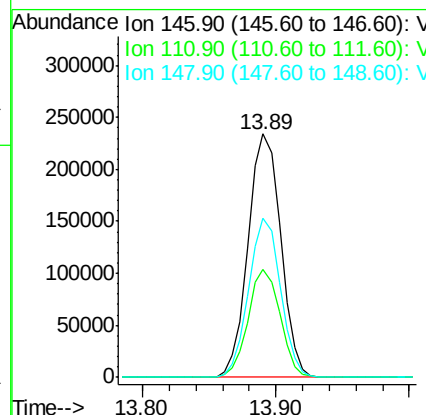
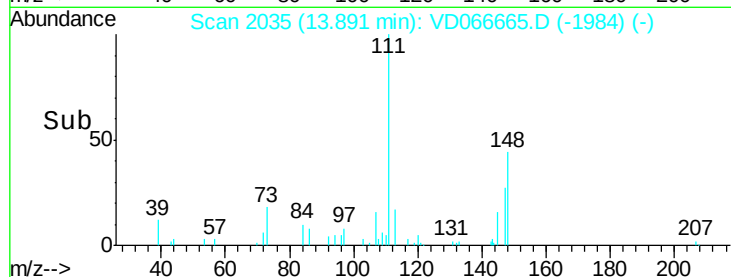
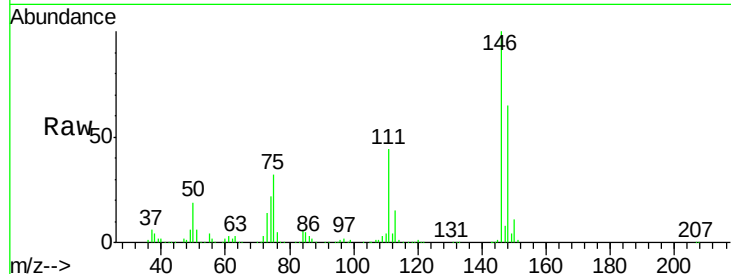
#91
 1,2-Dichlorobenzene
 Concen: 51.448 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.4
148	63.7	31.8	95.3

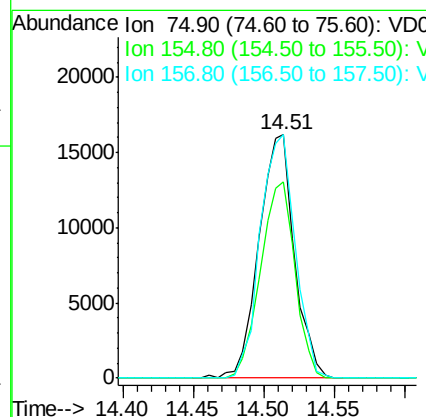
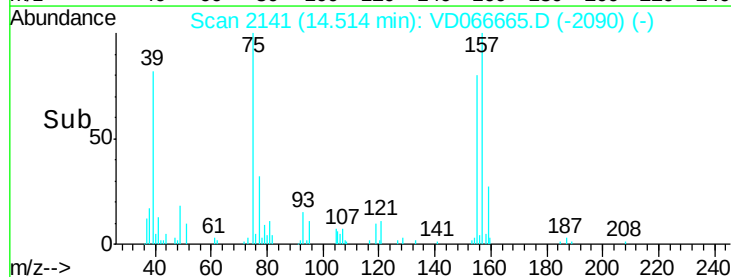
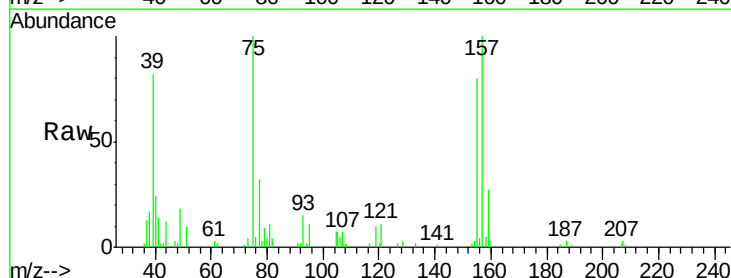
Manual Integrations
 APPROVED

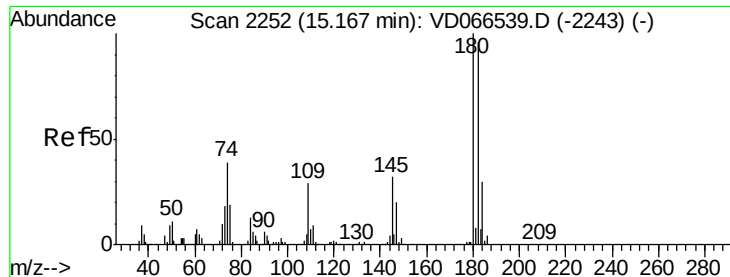
MMDadoda
 9/15/2020 2:27:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.741 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	39.3	117.8
157	98.9	46.0	137.8





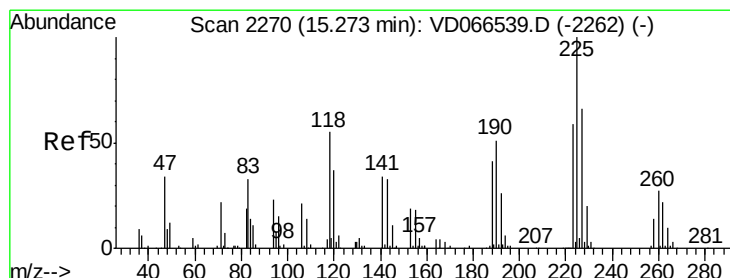
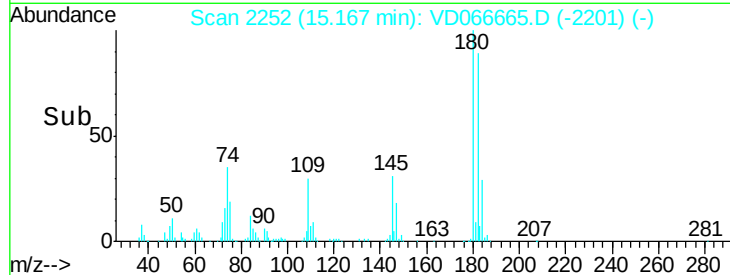
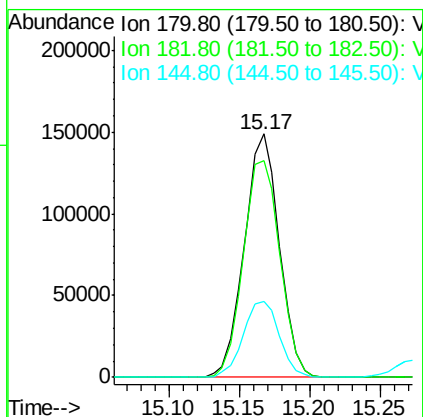
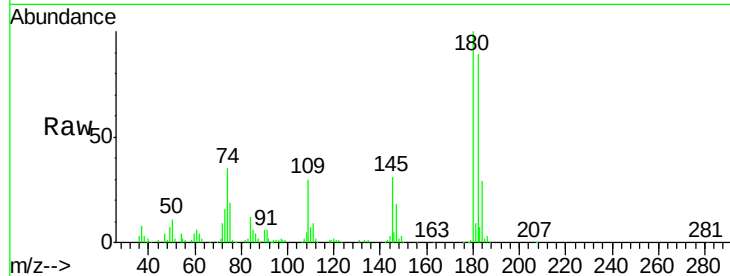
#93
 1,2,4-Trichlorobenzene
 Concen: 56.222 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	259105		
182	93.6	48.4	145.0	
145	32.4	16.7	50.0	

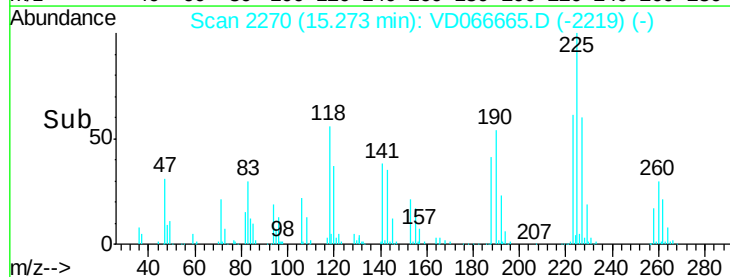
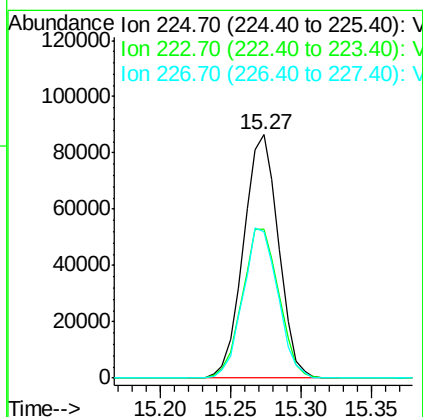
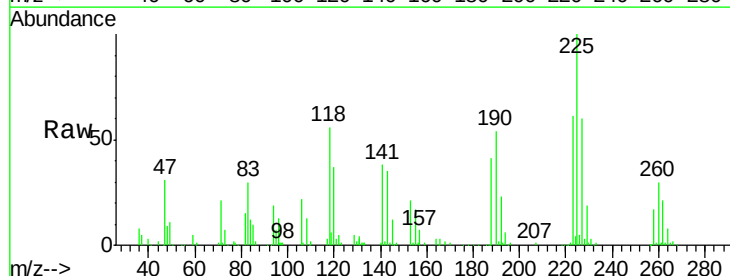
Manual Integrations
 APPROVED

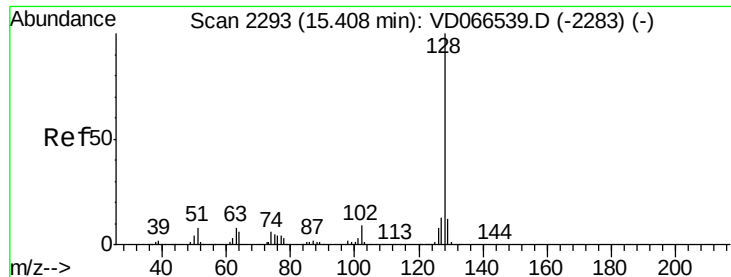
MMDadoda
 9/15/2020 2:27:46 PM



#94
 Hexachlorobutadiene
 Concen: 54.259 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066665.D
 Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150229		
223	64.1	30.5	91.5	
227	61.8	32.4	97.2	





#95

Naphthalene

Concen: 57.131 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Instrument :

MSVOA_D

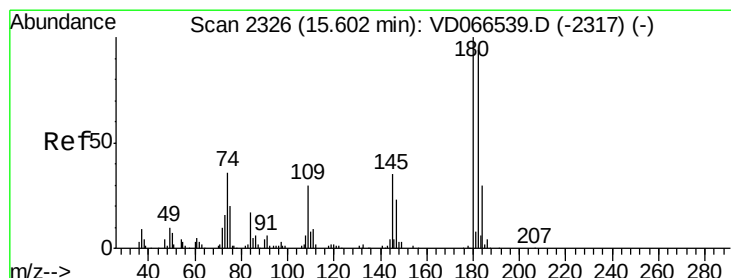
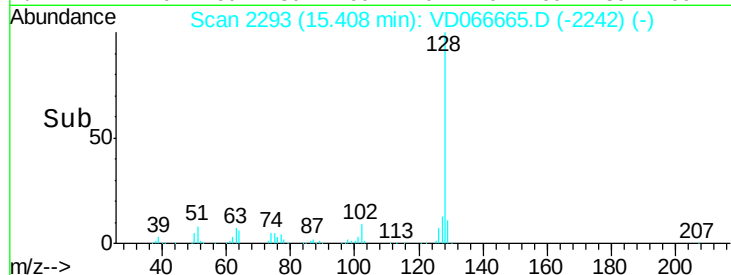
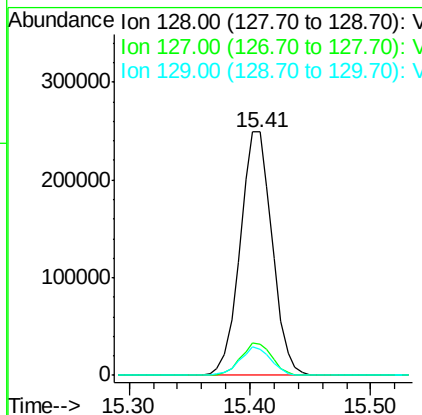
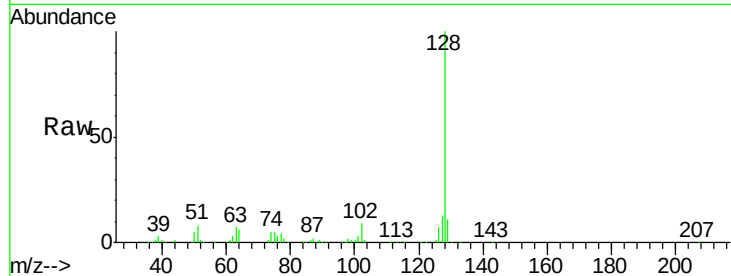
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	460095		
127	13.1	10.7	16.1	
129	11.2	9.1	13.7	

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:27:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 56.980 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066665.D

Acq: 14 Sep 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223881		
182	93.0	47.9	143.6	
145	34.1	17.3	51.7	

