

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066539.D
 Acq On : 03 Sep 2020 15:56
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 4:54:55 PM

Quant Time: Sep 04 01:35:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	388683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	634585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	569201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	219426	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	7.91	113	200715	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	748064	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.63	95	242744	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	157645	47.354	ug/l	100
3) Chloromethane	2.21	50	220287	91.500	ug/l	100
4) Vinyl Chloride	2.35	62	254294	88.447	ug/l	100
5) Bromomethane	2.77	94	179973	79.574	ug/l	100
6) Chloroethane	2.92	64	161543	84.840	ug/l	100
7) Trichlorofluoromethane	3.27	101	372217	50.148	ug/l	100
8) Diethyl Ether	3.71	74	94776	63.667	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	200514	61.494	ug/l	100
10) Methyl Iodide	4.30	142	181746	53.118	ug/l	100
11) Tert butyl alcohol	5.22	59	67434	220.910	ug/l	100
12) 1,1-Dichloroethene	4.07	96	182659	60.474	ug/l	100
13) Acrolein	3.92	56	41271	293.276	ug/l	100
14) Allyl chloride	4.71	41	305443	82.365	ug/l	100
15) Acrylonitrile	5.42	53	209255	376.334	ug/l	100
16) Acetone	4.16	43	200936	309.974	ug/l	100
17) Carbon Disulfide	4.41	76	604705	67.152	ug/l	100
18) Methyl Acetate	4.71	43	93201	81.606	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	447998	57.591	ug/l	100
20) Methylene Chloride	4.96	84	232048	60.187	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	223345	63.608	ug/l	100
22) Diisopropyl ether	6.36	45	655828	86.624	ug/l	100
23) Vinyl Acetate	6.30	43	1914753	404.193	ug/l	100
24) 1,1-Dichloroethane	6.26	63	393891	70.707	ug/l	100
25) 2-Butanone	7.21	43	270333	377.384	ug/l	100
26) 2,2-Dichloropropane	7.20	77	351372	53.583	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	239080	63.044	ug/l	100
28) Bromochloromethane	7.54	49	158766	91.187	ug/l	100
29) Tetrahydrofuran	7.56	42	176138	451.202	ug/l	100
30) Chloroform	7.71	83	414848	60.616	ug/l	100
31) Cyclohexane	7.98	56	356317	72.079	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	379384	51.612	ug/l	100
36) 1,1-Dichloropropene	8.11	75	322378	56.667	ug/l	100
37) Ethyl Acetate	7.29	43	130490	71.358	ug/l	100
38) Carbon Tetrachloride	8.09	117	340071	41.803	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	378887	56.772	ug/l	100
40) Benzene	8.34	78	875869	59.158	ug/l	100
41) Methacrylonitrile	7.52	41	70973	72.962	ug/l	100
42) 1,2-Dichloroethane	8.42	62	276881	46.387	ug/l	100
43) Isopropyl Acetate	8.45	43	245762	65.888	ug/l	100
44) Trichloroethene	9.11	130	230208	47.279	ug/l	100
45) 1,2-Dichloropropane	9.38	63	217915	70.338	ug/l	100
46) Dibromomethane	9.47	93	118280	55.590	ug/l	100
47) Bromodichloromethane	9.66	83	325730	52.300	ug/l	100
48) Methyl methacrylate	9.45	41	127135	66.793	ug/l	100
49) 1,4-Dioxane	9.46	88	27543	1118.608	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	627469	358.633	ug/l	100
52) Toluene	10.40	92	563969	54.599	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	297862	52.680	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	348740	57.140	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	152293	56.538	ug/l	100
56) Ethyl methacrylate	10.66	69	192287	59.842	ug/l	100
57) 1,3-Dichloropropane	10.94	76	276193	61.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	417442	322.576	ug/l	100
59) 2-Hexanone	10.98	43	433725	345.552	ug/l	100
60) Dibromochloromethane	11.14	129	203722	47.458	ug/l	100
61) 1,2-Dibromoethane	11.24	107	152685	55.525	ug/l	100
64) Tetrachloroethene	10.87	164	182666	42.392	ug/l	100
65) Chlorobenzene	11.67	112	572439	51.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	218310	46.871	ug/l	100
67) Ethyl Benzene	11.74	91	1079409	54.215	ug/l	100
68) m/p-Xylenes	11.85	106	825214	107.307	ug/l	100
69) o-Xylene	12.18	106	368458	50.901	ug/l	100
70) Styrene	12.20	104	640592	51.650	ug/l	100
71) Bromoform	12.36	173	108913	43.439	ug/l #	100
73) Isopropylbenzene	12.48	105	1020765	55.805	ug/l	100
74) N-amyl acetate	12.29	43	227011	75.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	171683	72.923	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	134308m	71.968	ug/l	
77) Bromobenzene	12.76	156	217659	48.065	ug/l	100
78) n-propylbenzene	12.82	91	1245858	61.040	ug/l	100
79) 2-Chlorotoluene	12.91	91	678438	58.102	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	863690	54.442	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52412	64.934	ug/l	100
82) 4-Chlorotoluene	13.01	91	721773	57.568	ug/l	100
83) tert-Butylbenzene	13.23	119	697026	50.846	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	850858	53.904	ug/l	100
85) sec-Butylbenzene	13.40	105	1014026	56.849	ug/l	100
86) p-Isopropyltoluene	13.52	119	923994	52.743	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	423924	49.951	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	427915	50.068	ug/l	100
89) n-Butylbenzene	13.84	91	889463	59.150	ug/l	100
90) Hexachloroethane	14.11	117	188168	58.141	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	372357	50.562	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27804	49.469	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:16:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	231956	41.535	ug/l	100
94) Hexachlorobutadiene	15.27	225	138998	38.775	ug/l	100
95) Naphthalene	15.41	128	421972	47.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	199679	41.256	ug/l	100

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

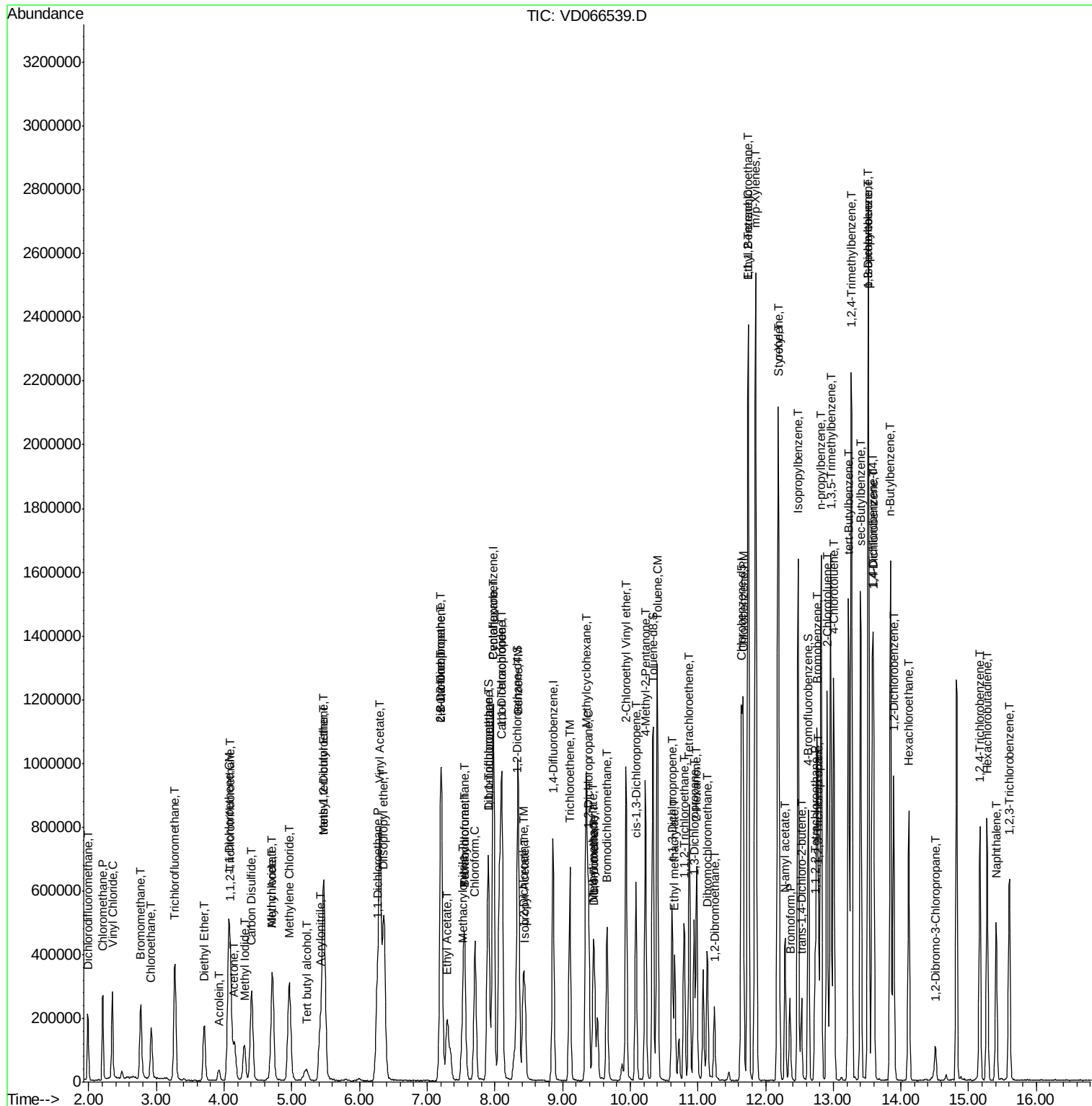
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090320\
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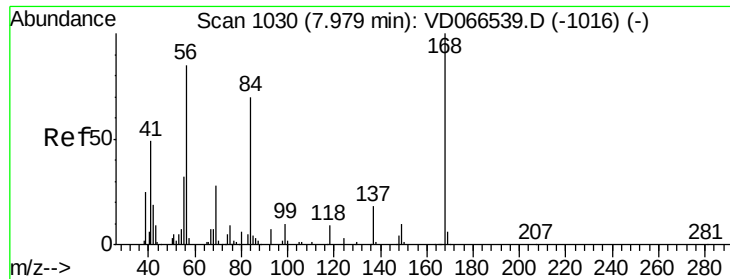
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

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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: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 388683

Ion Ratio Lower Upper

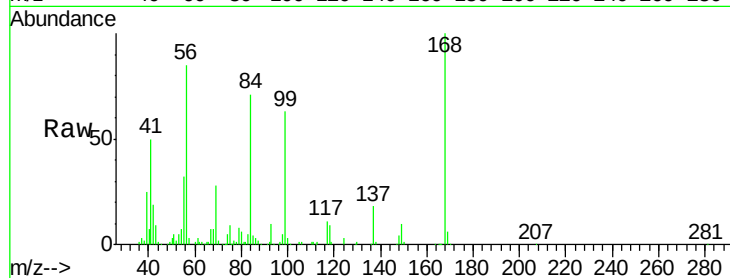
168 100

99 63.1 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

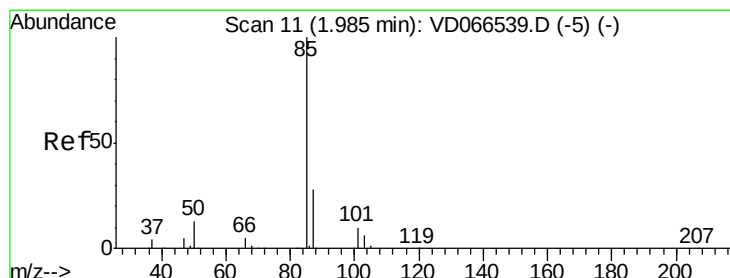
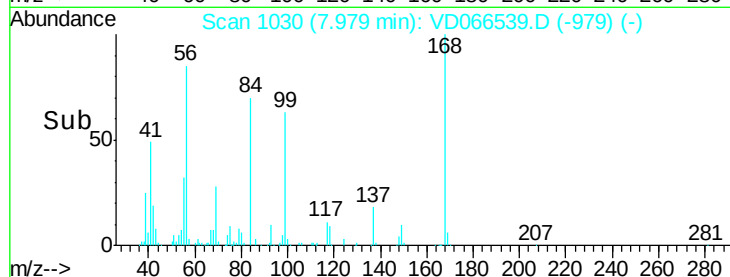
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.354 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066539.D

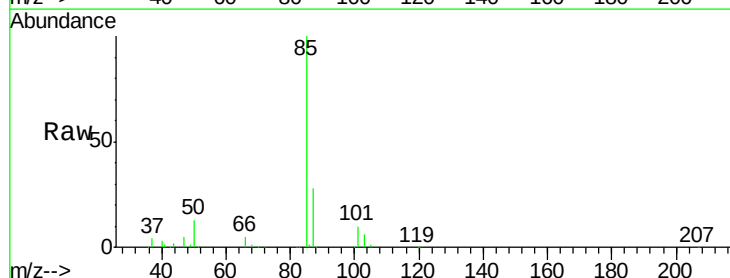
Acq: 03 Sep 2020 15:56

Tgt Ion: 85 Resp: 157645

Ion Ratio Lower Upper

85 100

87 28.4 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

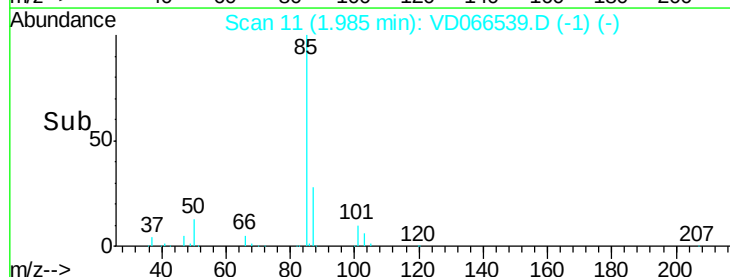
1.99

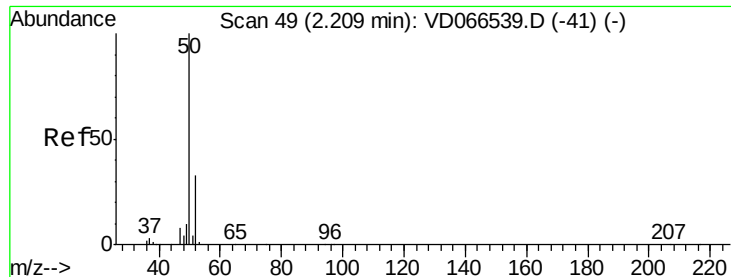
100000

50000

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Time-->





#3

Chloromethane

Concen: 91.500 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 220287

Ion Ratio Lower Upper

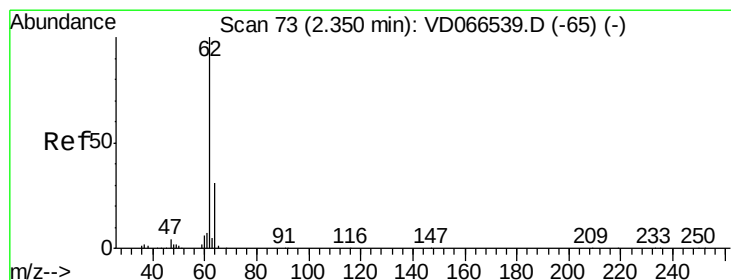
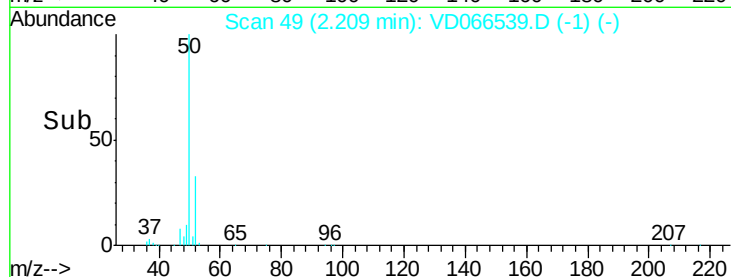
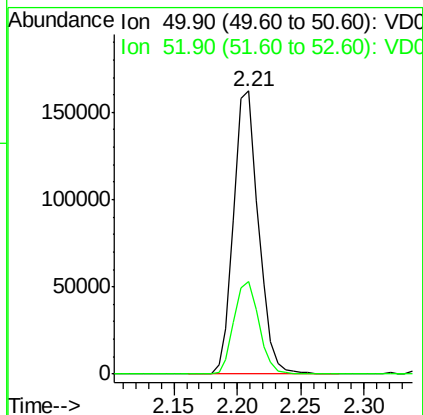
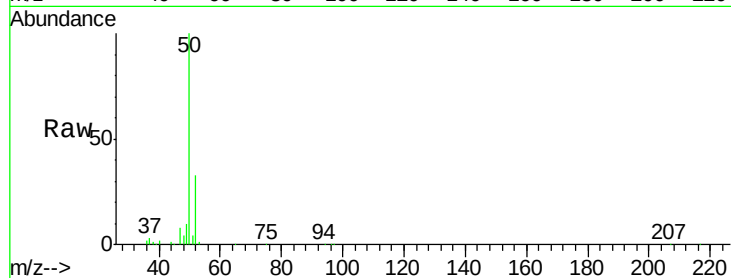
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 88.447 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066539.D

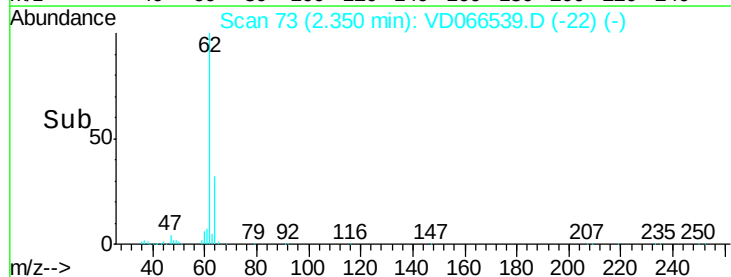
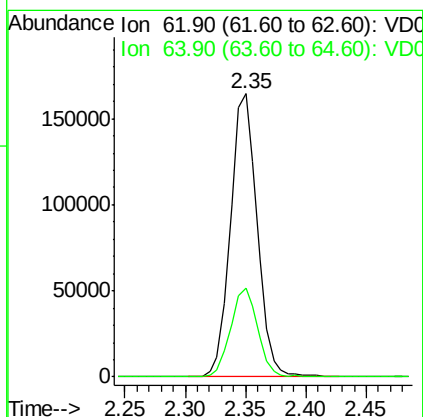
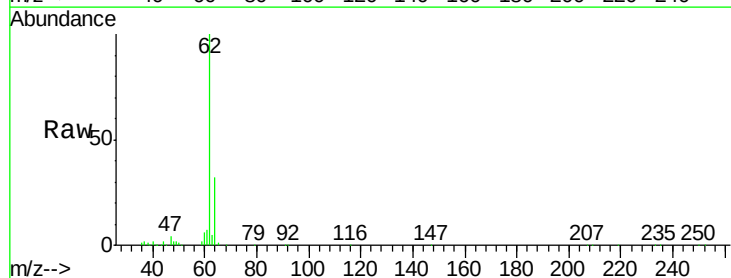
Acq: 03 Sep 2020 15:56

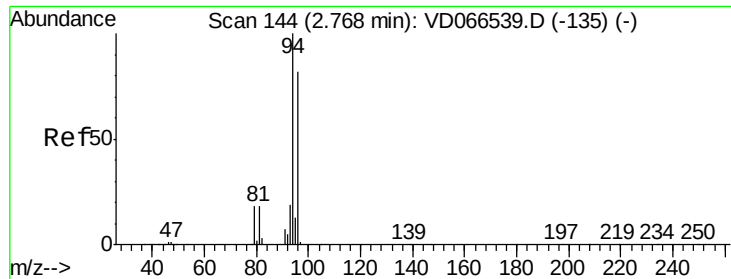
Tgt Ion: 62 Resp: 254294

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 79.574 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 179973

Ion Ratio Lower Upper

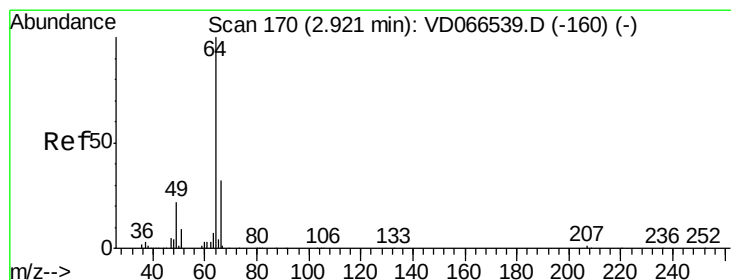
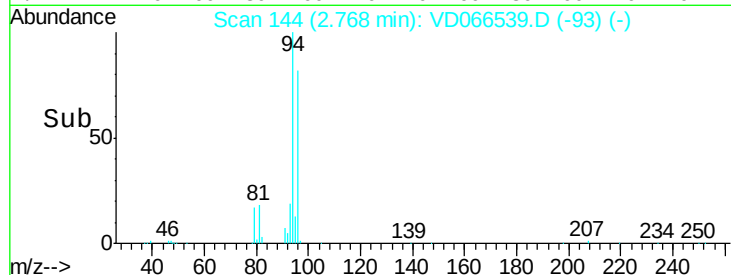
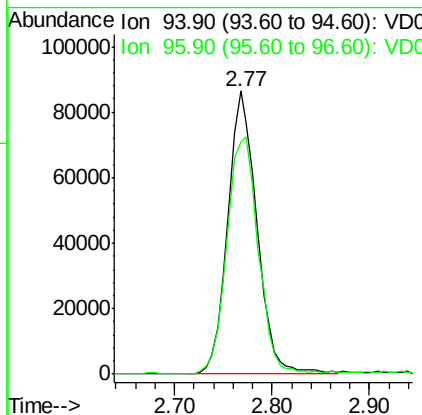
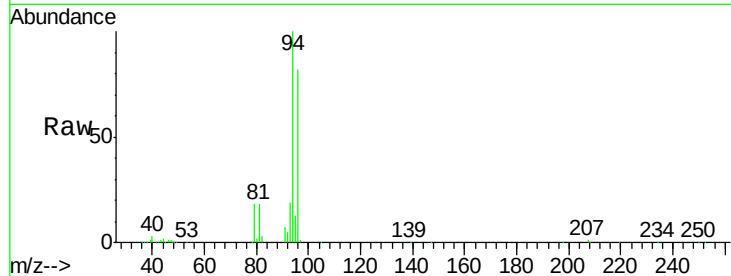
94 100

96 81.5 65.2 97.8

Manual Integrations
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#6

Chloroethane

Concen: 84.840 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066539.D

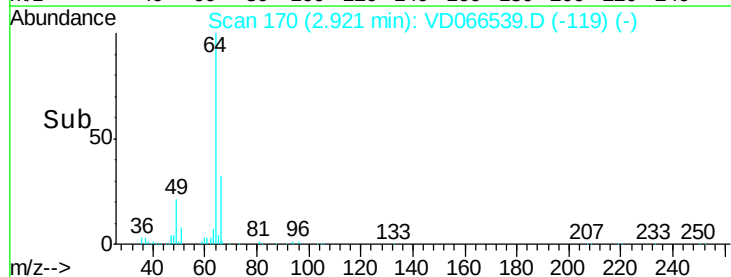
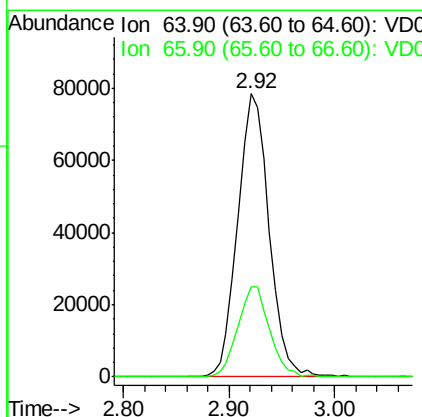
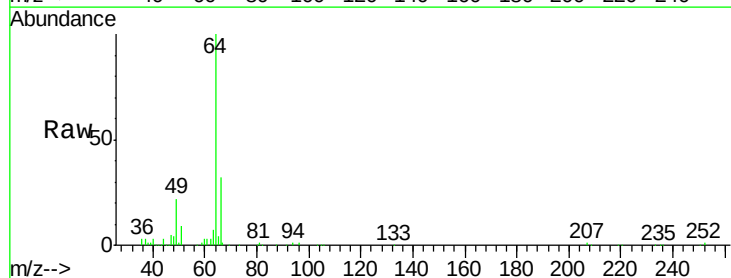
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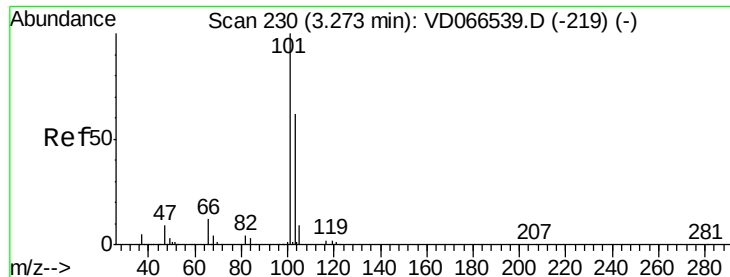
Tgt Ion: 64 Resp: 161543

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0





#7

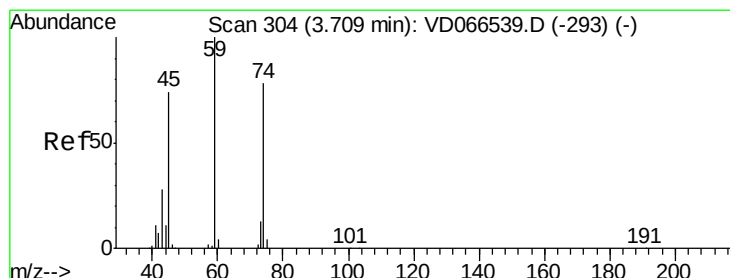
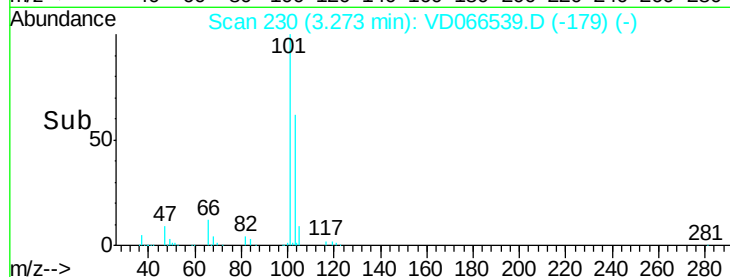
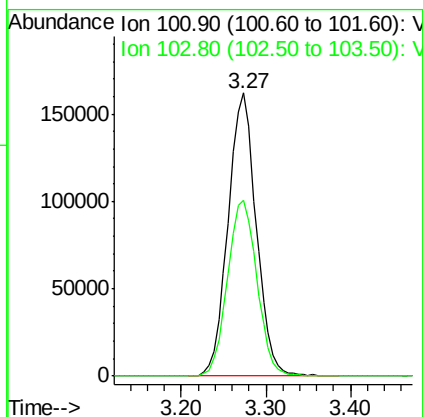
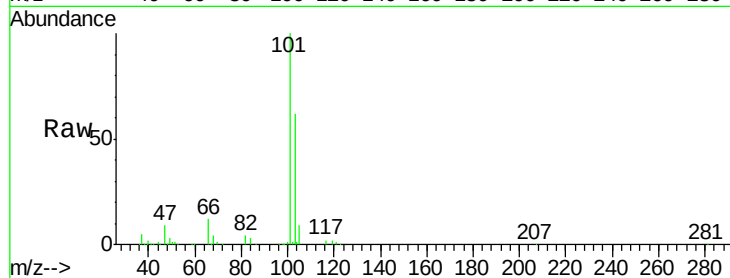
Trichlorofluoromethane
Concen: 50.148 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
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VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	372217		
103	62.1	49.7	74.5	

Manual Integrations
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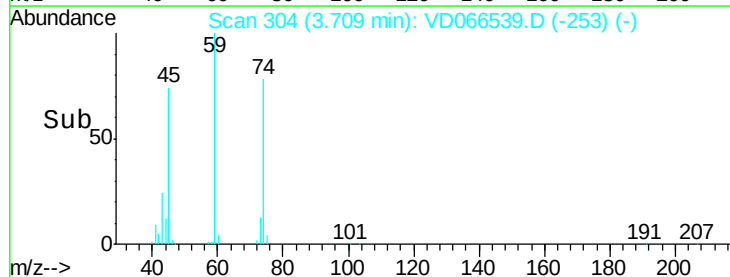
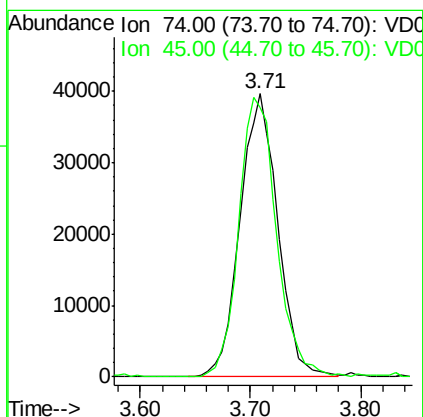
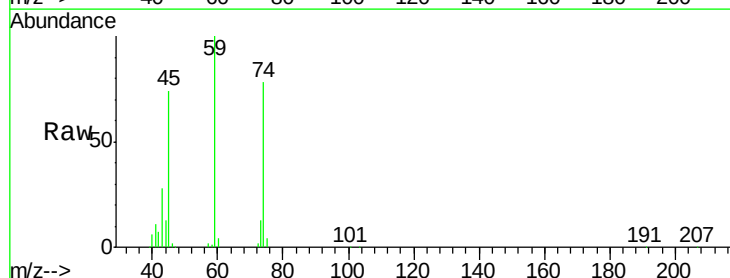
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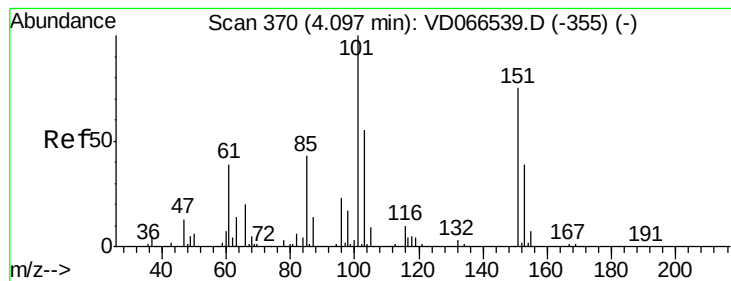


#8

Diethyl Ether
Concen: 63.667 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	94776		
45	99.4	49.7	149.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.494 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

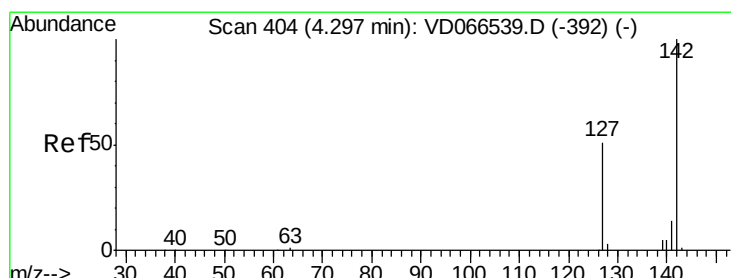
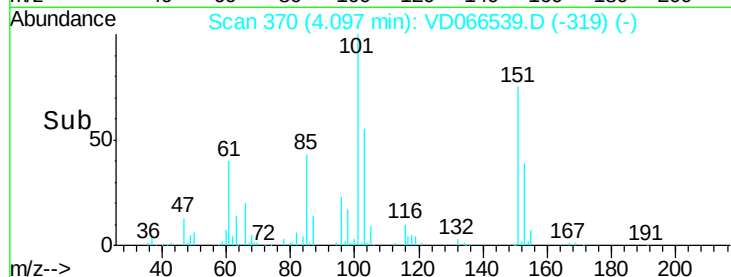
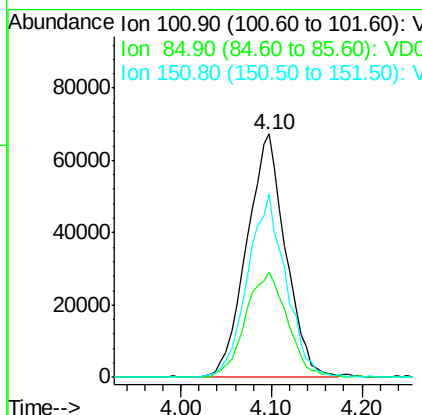
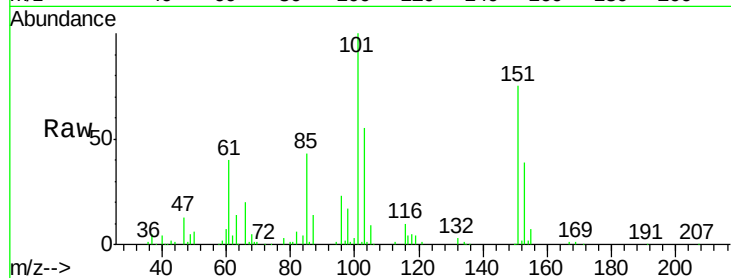
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	200514
Ion Ratio	Lower	Upper	
101	100		
85	46.3	37.0	55.6
151	74.3	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 53.118 ug/l

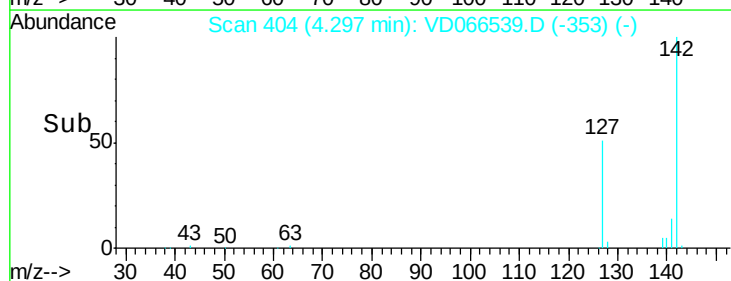
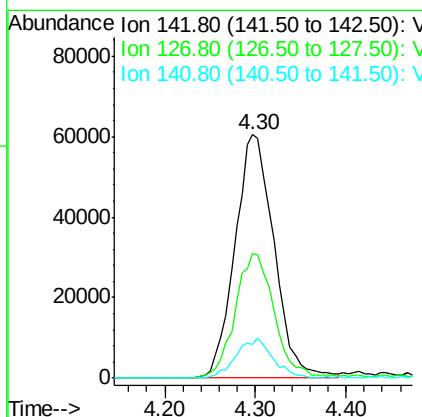
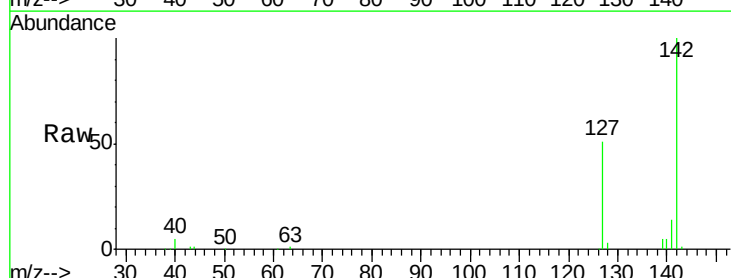
RT: 4.30 min Scan# 404

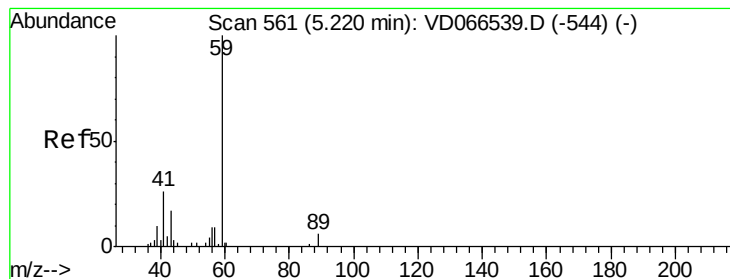
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion:	142	Resp:	181746
Ion Ratio	Lower	Upper	
142	100		
127	50.8	40.6	61.0
141	15.3	12.2	18.4





#11

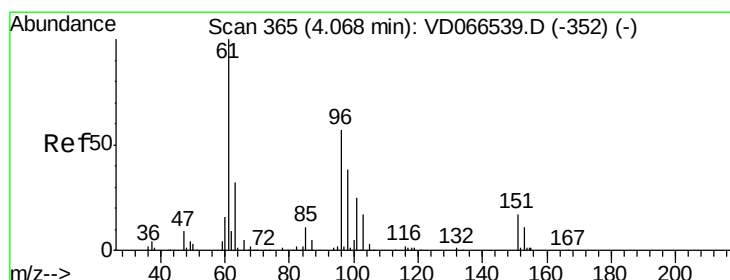
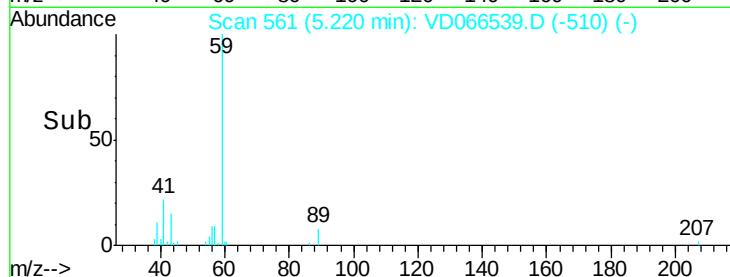
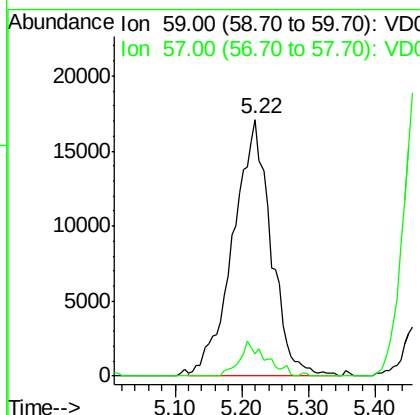
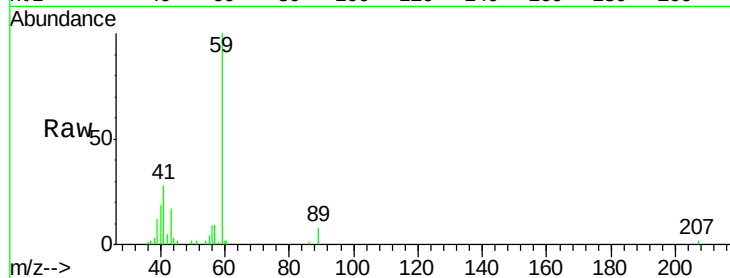
Tert butyl alcohol
Concen: 220.910 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	67434
Ion Ratio	100	Lower	Upper
57	9.5	7.6	11.4

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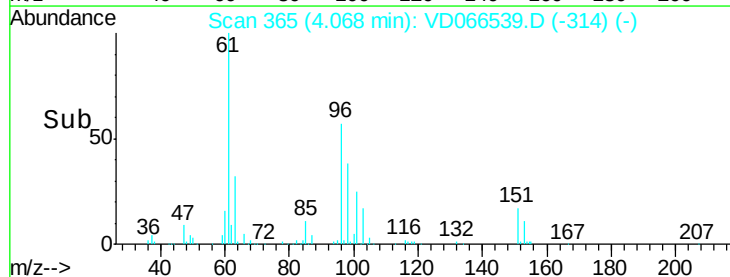
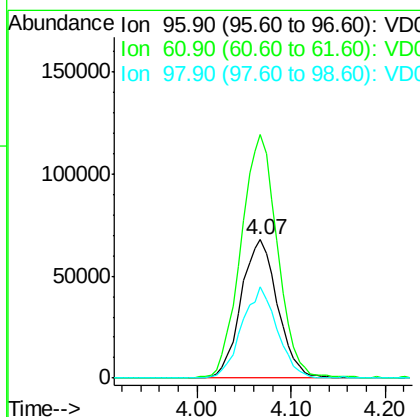
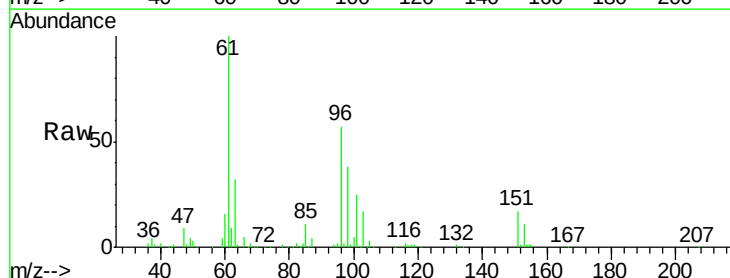
MMDadoda
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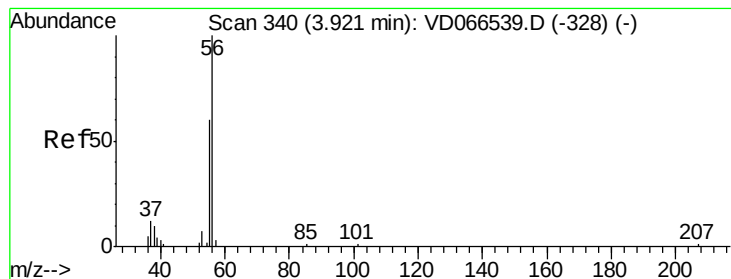


#12

1,1-Dichloroethene
Concen: 60.474 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	96	Resp	182659
Ion Ratio	100	Lower	Upper
61	176.1	140.9	211.3
98	66.5	53.2	79.8





#13

Acrolein

Concen: 293.276 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 41271

Ion Ratio Lower Upper

56 100

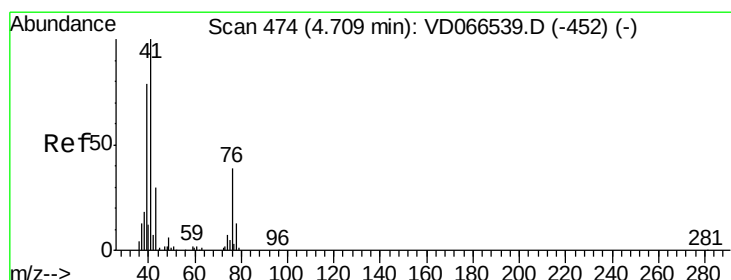
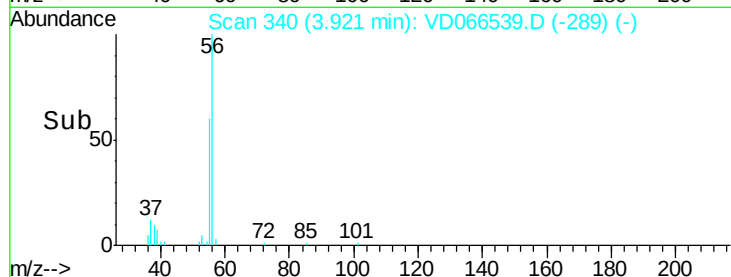
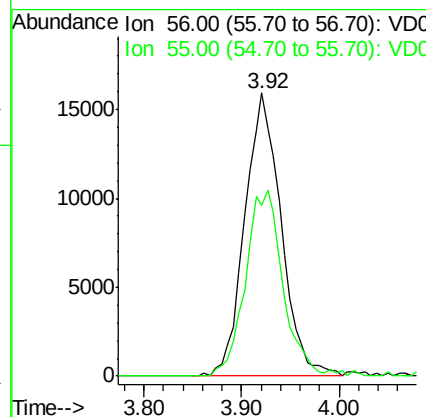
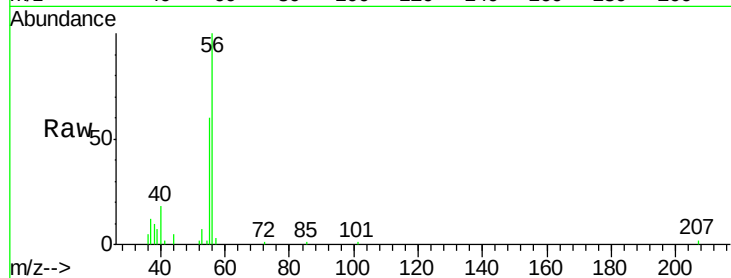
55 67.0 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 82.365 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

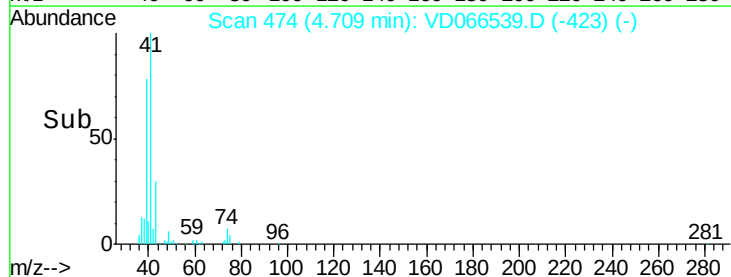
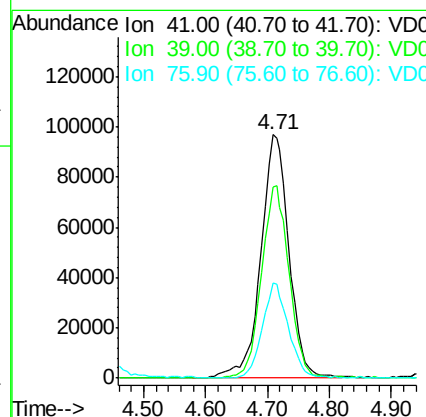
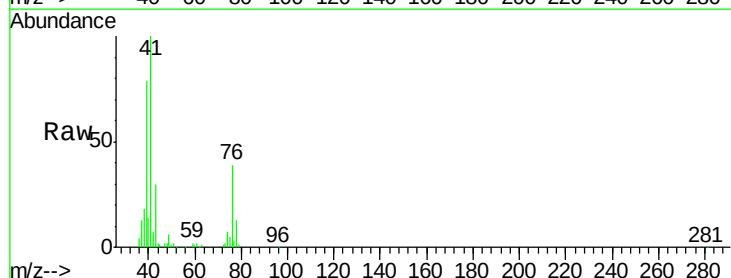
Tgt Ion: 41 Resp: 305443

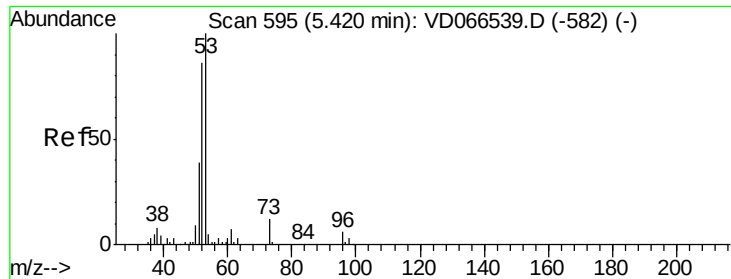
Ion Ratio Lower Upper

41 100

39 77.4 61.9 92.9

76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 376.334 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

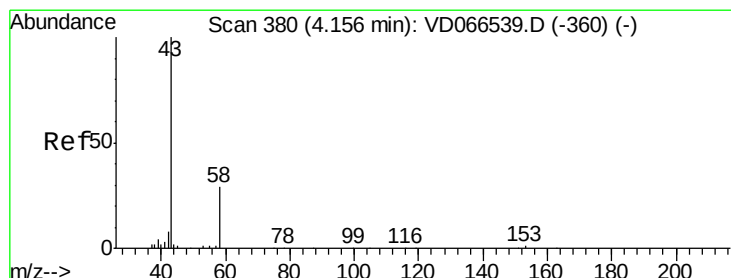
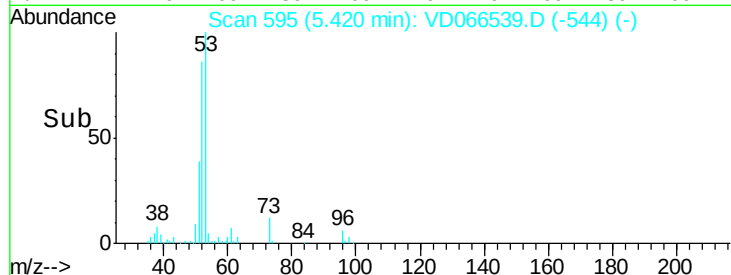
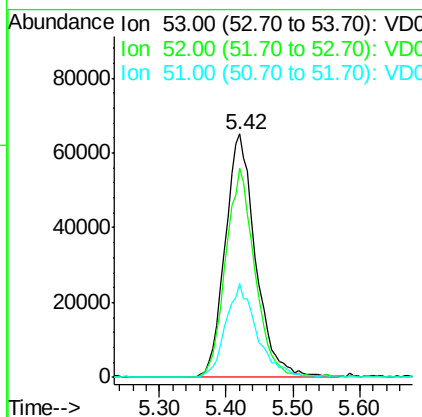
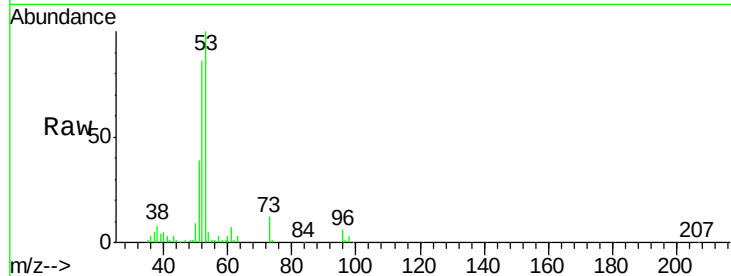
ClientSampleId :

VSTDICCC050

Tot Ion	53	Resp	209255
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.4	98.2
51	39.0	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 309.974 ug/l

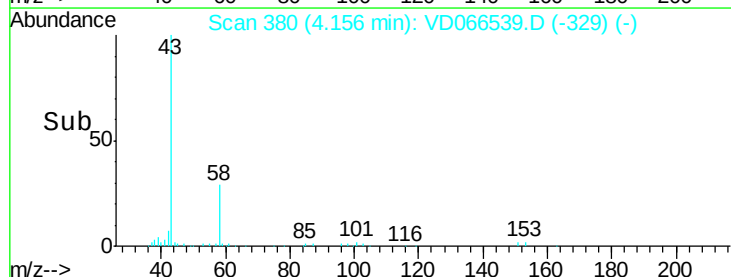
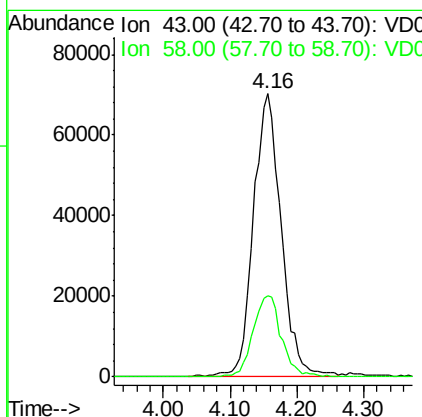
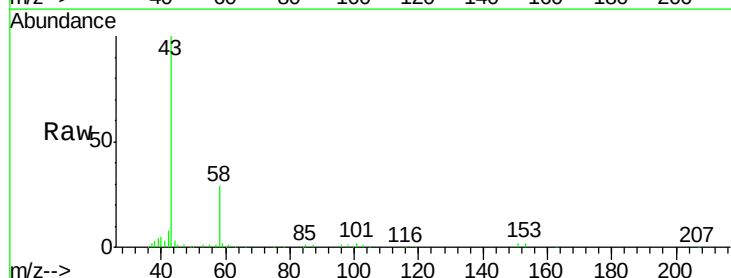
RT: 4.16 min Scan# 380

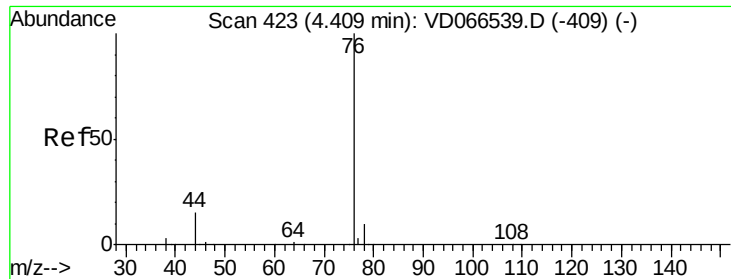
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion	43	Resp	200936
Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.9	34.3





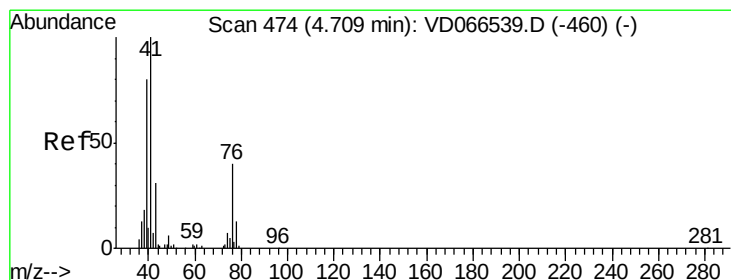
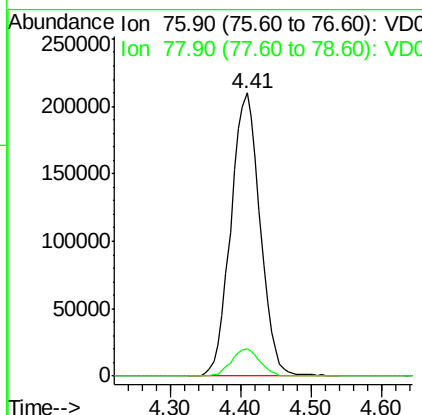
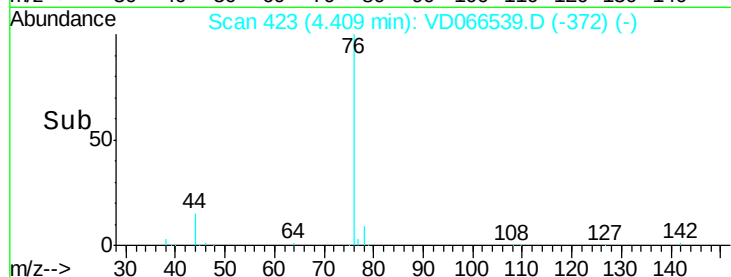
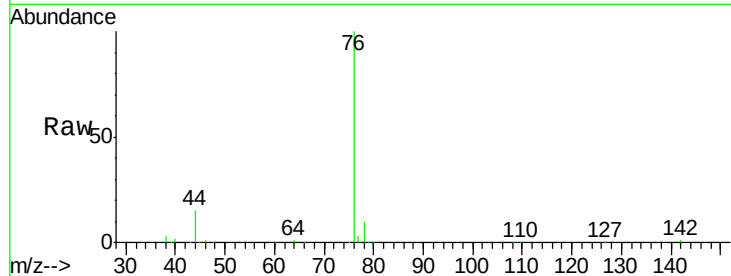
#17
Carbon Disulfide
Concen: 67.152 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4

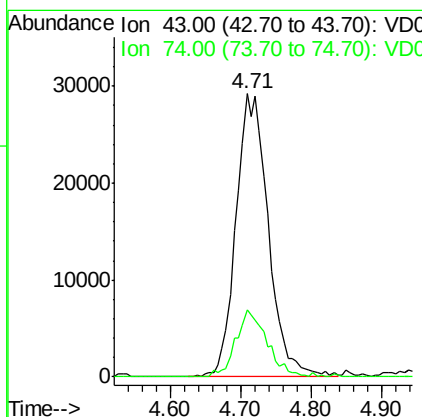
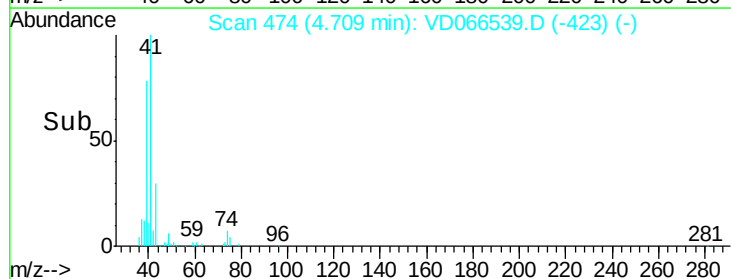
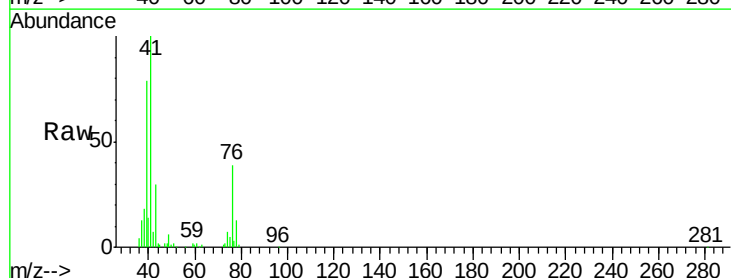
Manual Integrations
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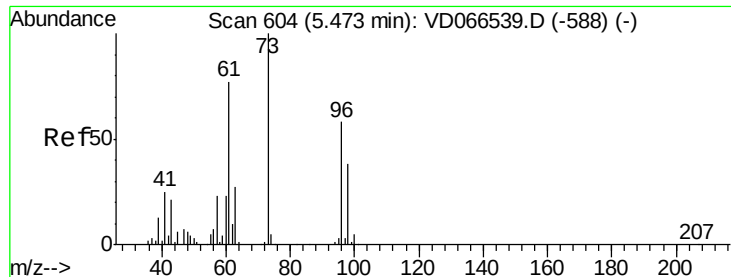
MMDadoda
9/4/2020 4:54:55 PM



#18
Methyl Acetate
Concen: 81.606 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.0	27.0





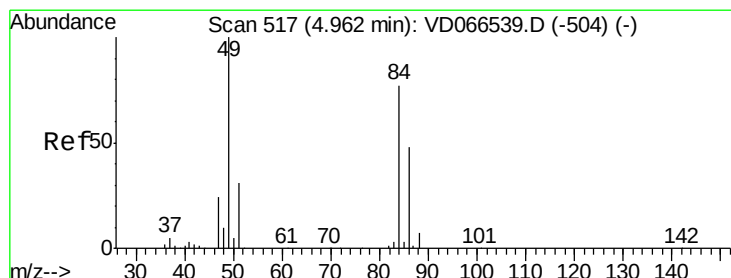
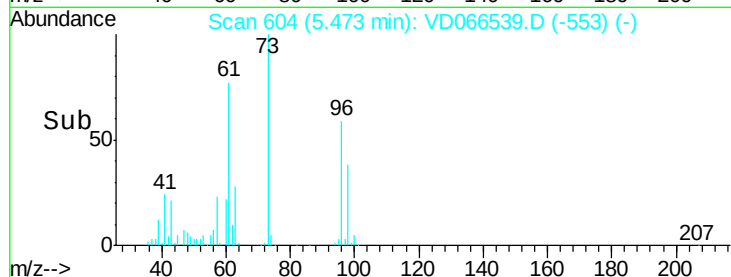
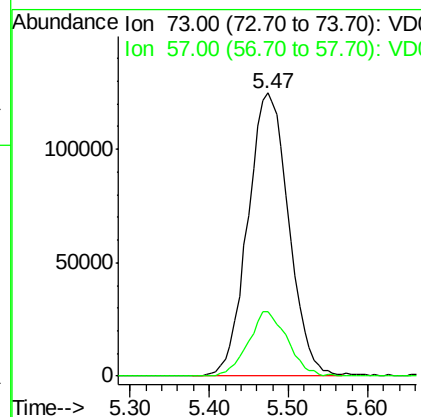
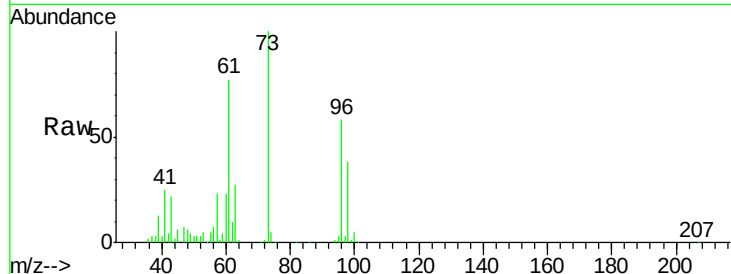
#19
Methyl tert-butyl Ether
Concen: 57.591 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 447998
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5

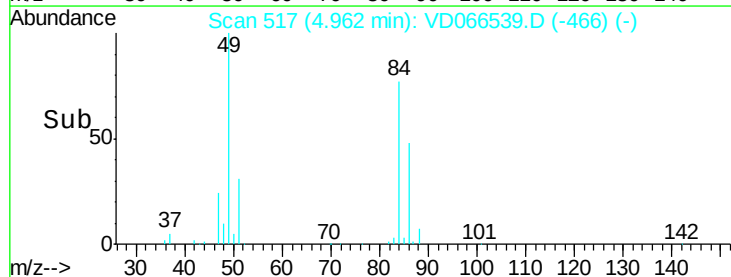
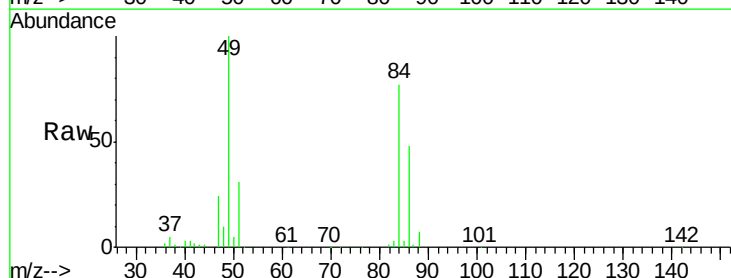
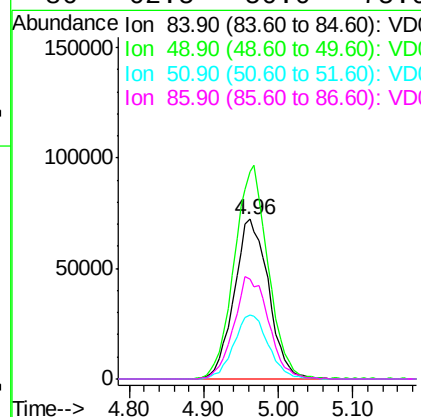
Manual Integrations
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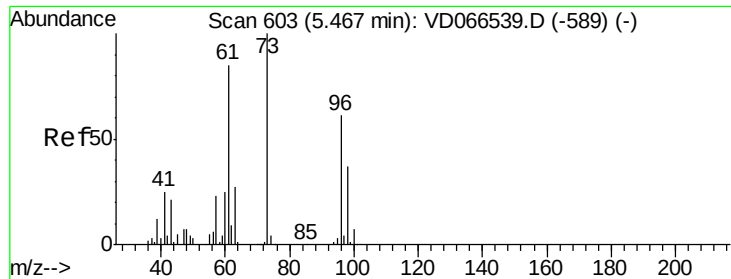
MMDadoda
9/4/2020 4:54:55 PM



#20
Methylene Chloride
Concen: 60.187 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 84 Resp: 232048
Ion Ratio Lower Upper
84 100
49 130.4 104.3 156.5
51 40.3 32.2 48.4
86 62.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 63.608 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

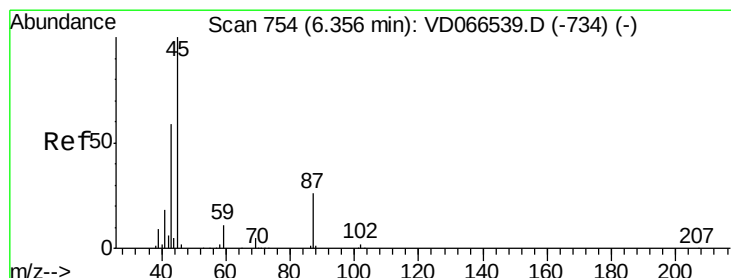
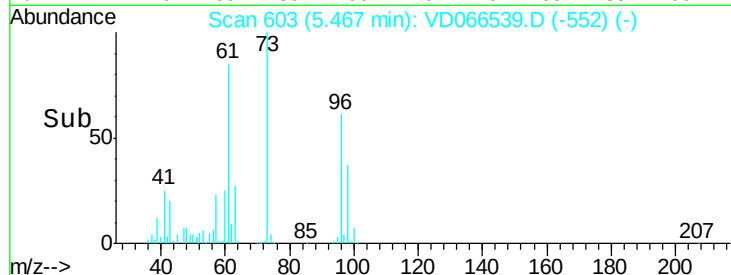
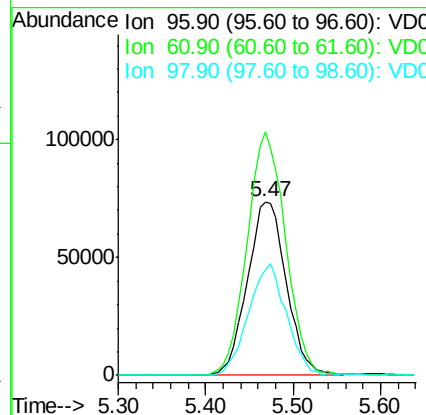
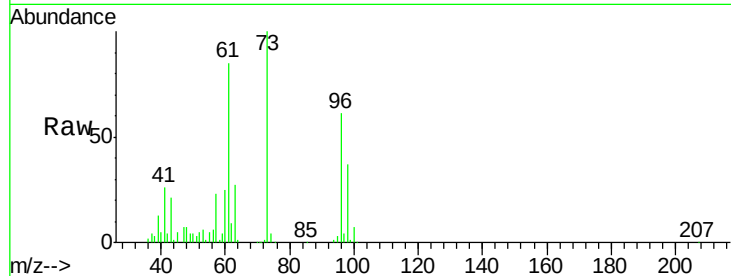
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	223345
Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.1	168.1
98	60.7	48.6	72.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 86.624 ug/l

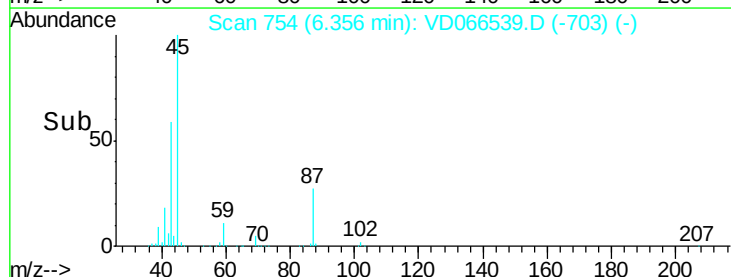
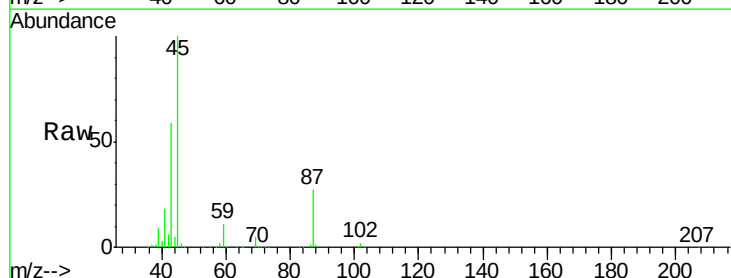
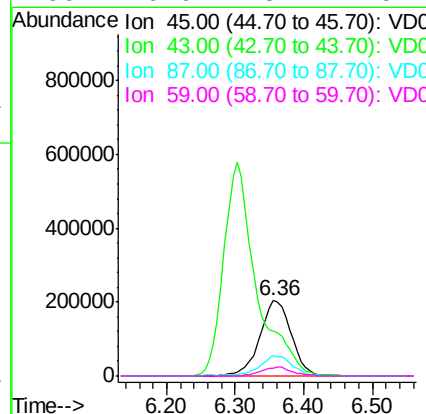
RT: 6.36 min Scan# 754

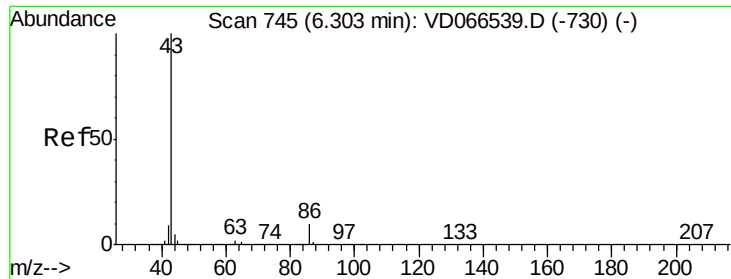
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion:	45	Resp:	655828
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.0	70.4
87	26.6	21.3	31.9
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 404.193 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1914753

Ion Ratio Lower Upper

43 100

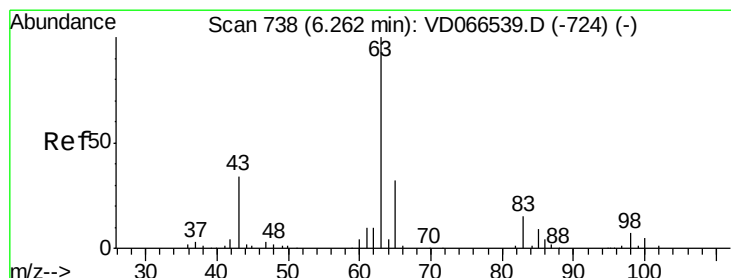
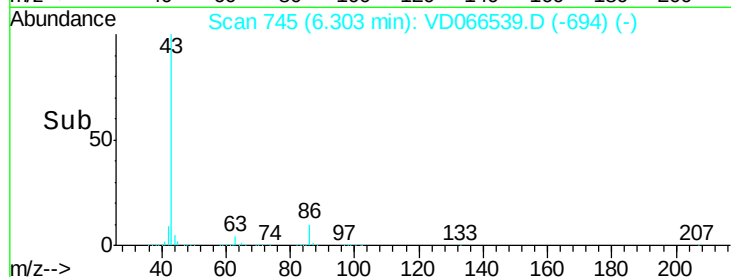
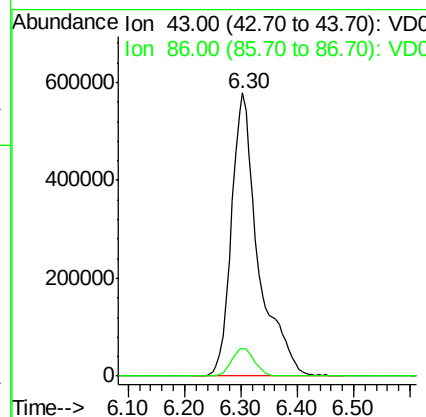
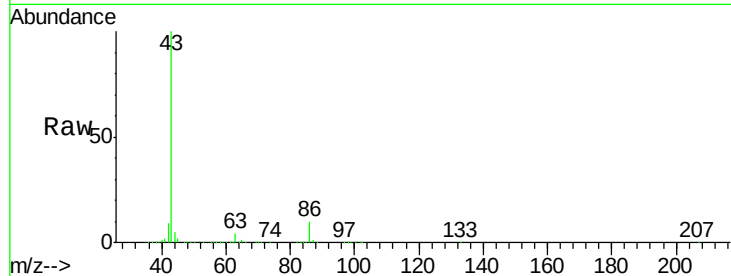
86 9.6 7.7 11.5

Manual Integrations

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9/4/2020 4:54:55 PM



#24

1,1-Dichloroethane

Concen: 70.707 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

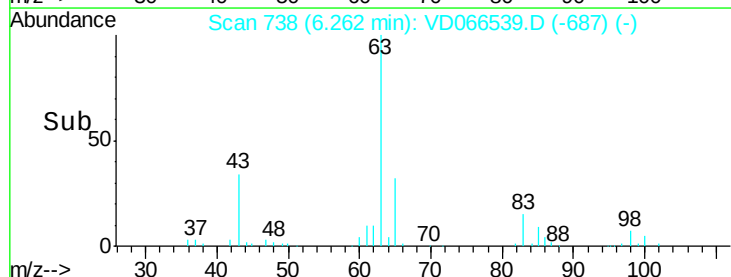
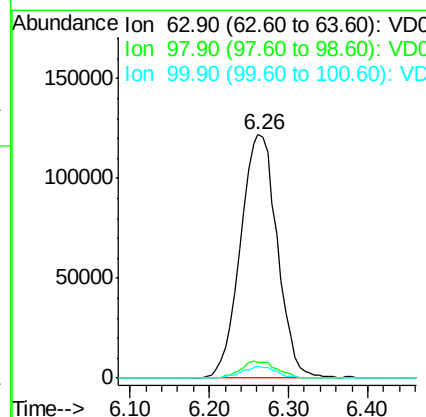
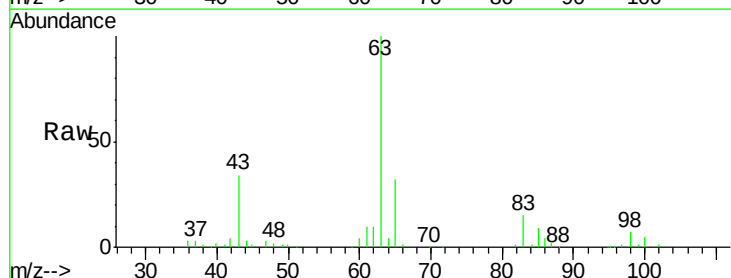
Tgt Ion: 63 Resp: 393891

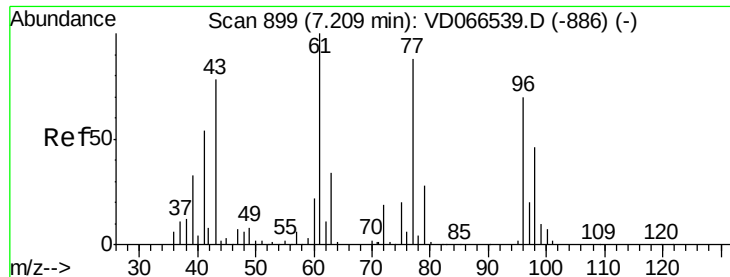
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 377.384 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 270333

Ion Ratio Lower Upper

43 100

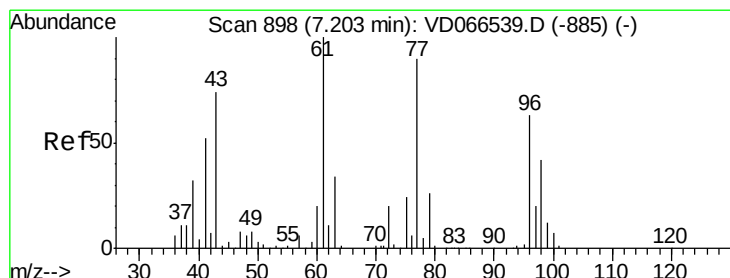
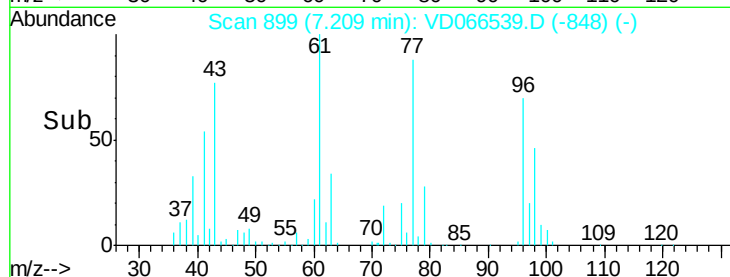
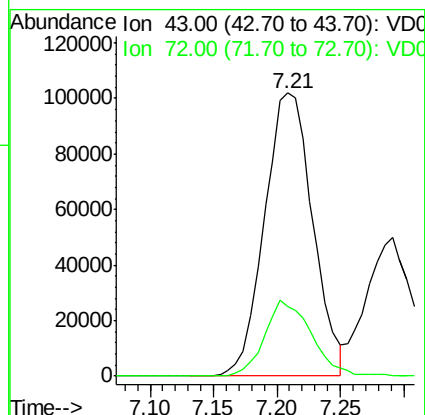
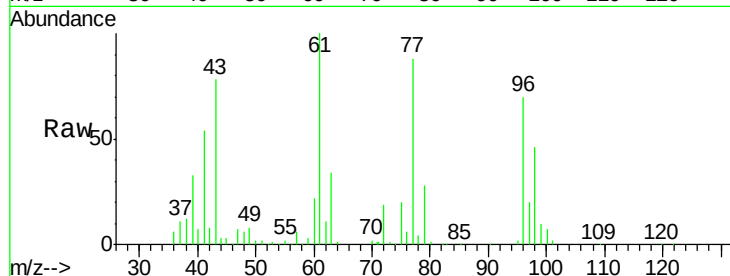
72 24.7 19.8 29.6

Manual Integrations

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MMDadoda

9/4/2020 4:54:55 PM



#26

2,2-Dichloropropane

Concen: 53.583 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.00 min

Lab File: VD066539.D

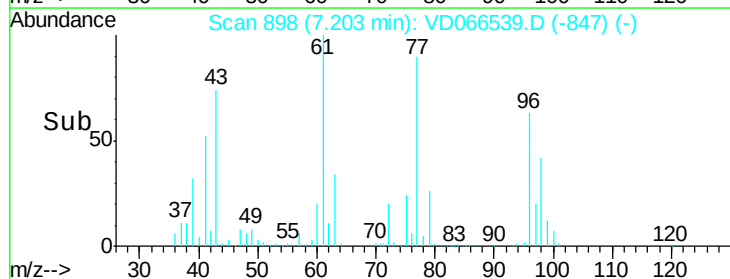
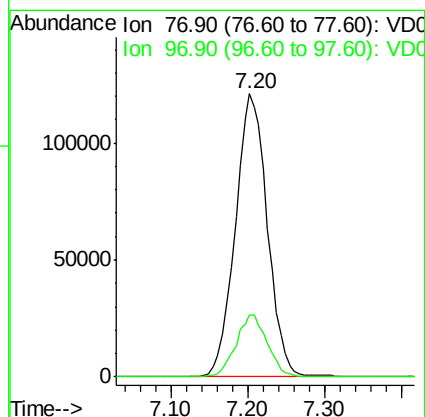
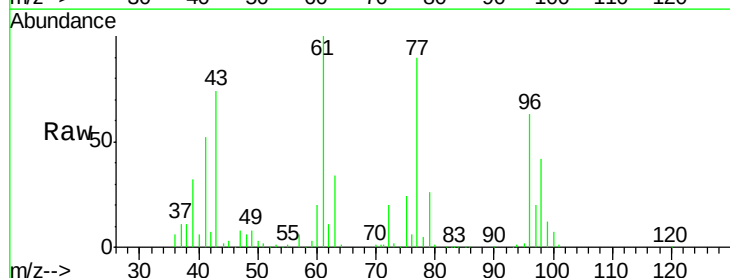
Acq: 03 Sep 2020 15:56

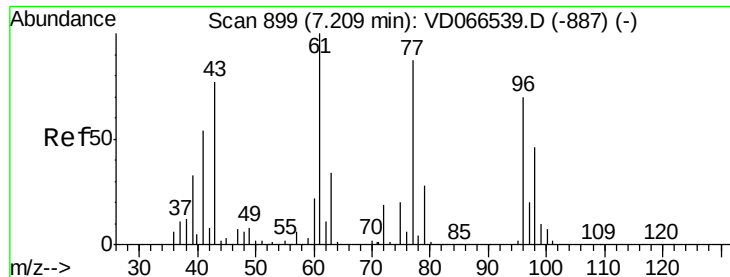
Tgt Ion: 77 Resp: 351372

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.3





#27

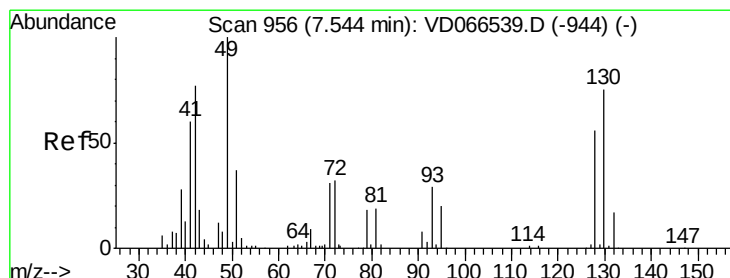
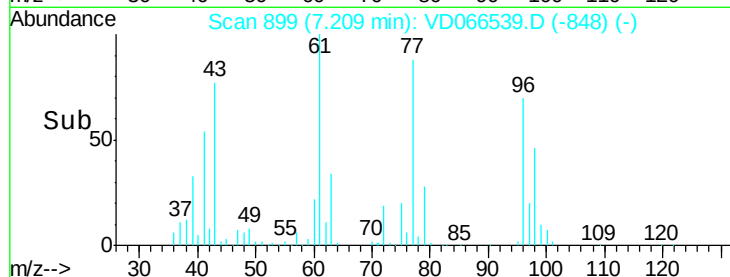
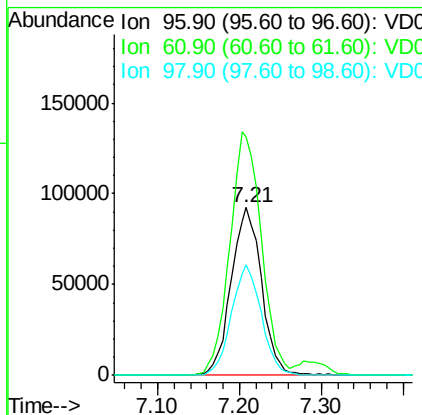
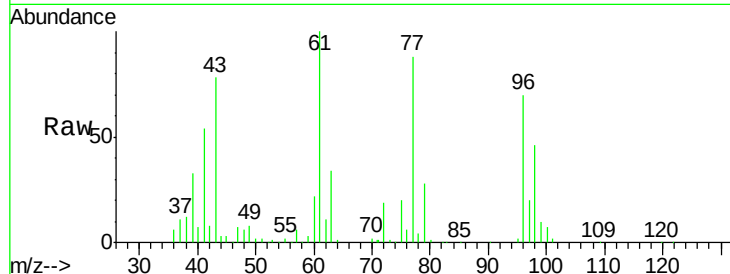
cis-1,2-Dichloroethene
Concen: 63.044 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	239080		
61	150.5	0.0	301.0	
98	64.9	0.0	129.8	

Manual Integrations
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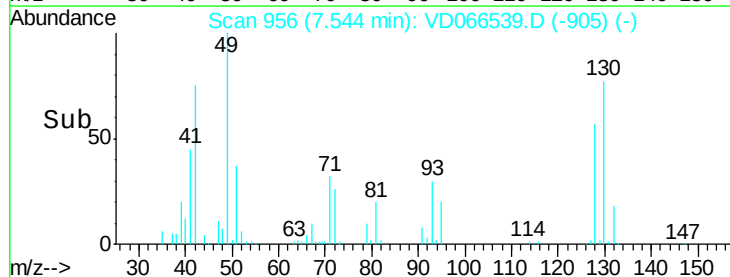
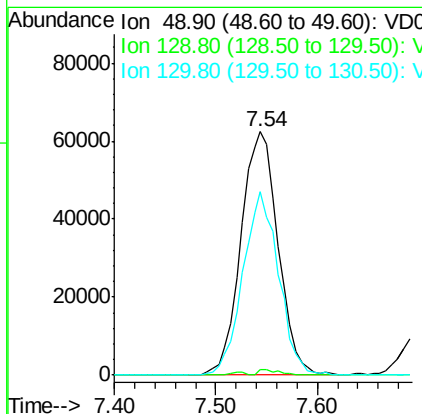
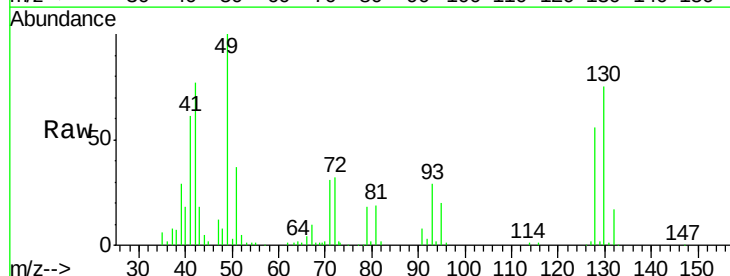
MMDadoda
9/4/2020 4:54:55 PM

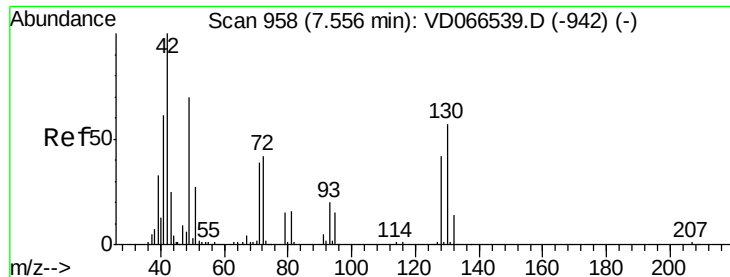


#28

Bromochloromethane
Concen: 91.187 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158766		
129	1.3	0.0	2.6	
130	72.7	58.2	87.2	





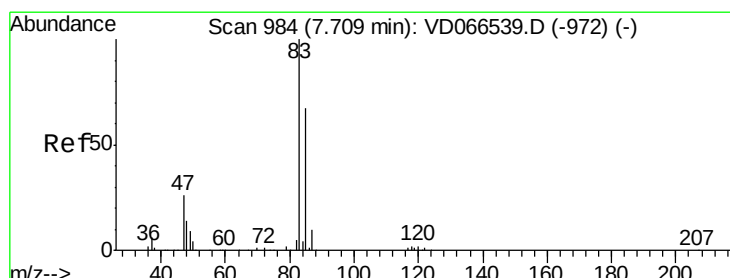
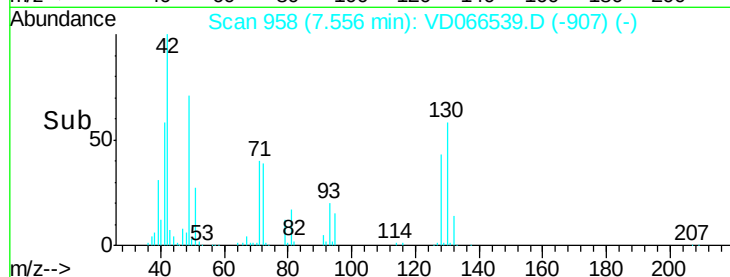
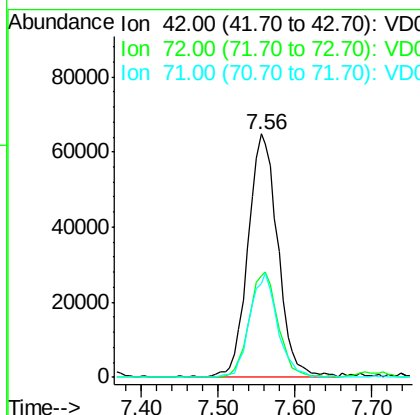
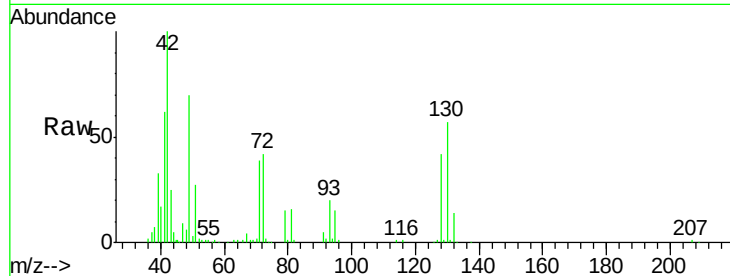
#29
Tetrahydrofuran
Concen: 451.202 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.9	31.9	47.9

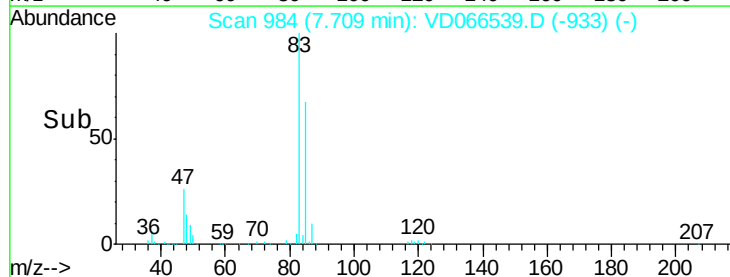
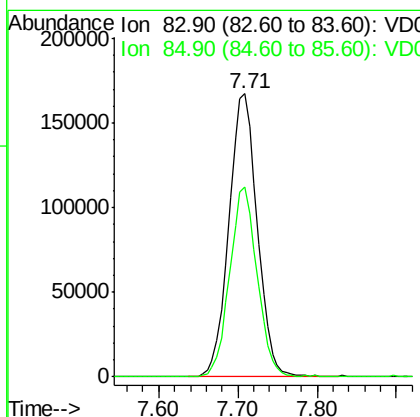
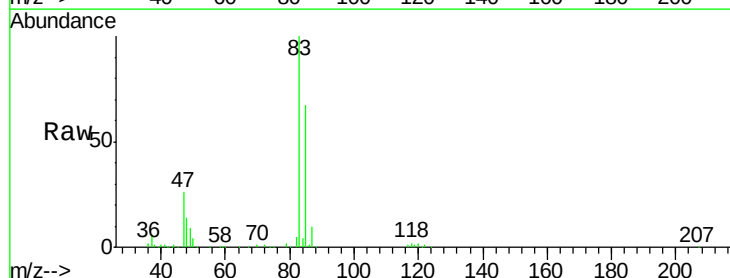
Manual Integrations
APPROVED

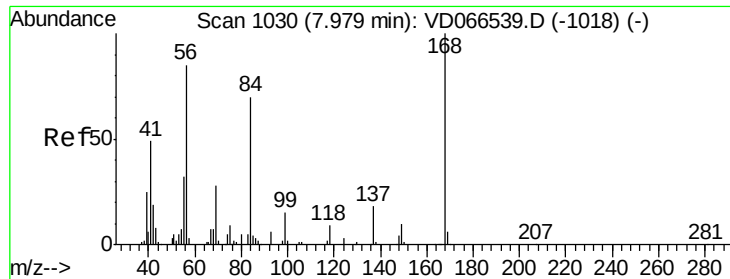
MMDadoda
9/4/2020 4:54:55 PM



#30
Chloroform
Concen: 60.616 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.6	80.4





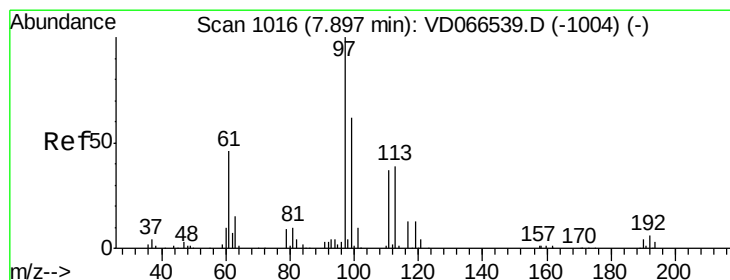
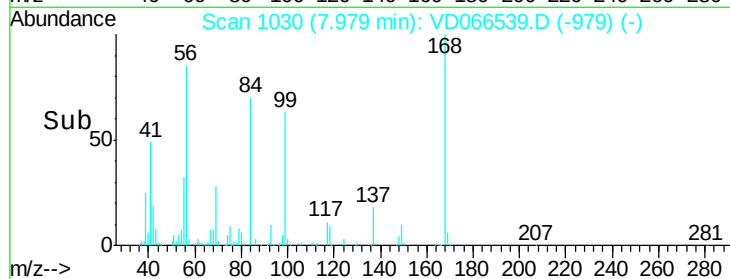
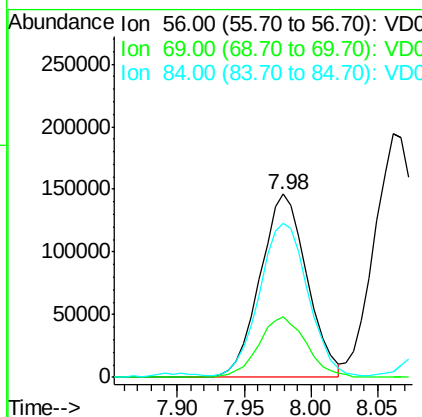
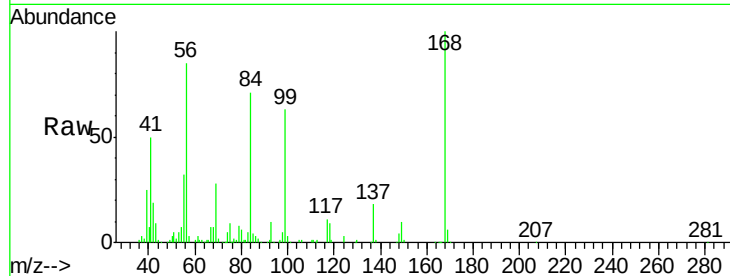
#31
Cyclohexane
Concen: 72.079 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleID :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		356317		
69	32.9	26.3	39.5		
84	82.6	66.1	99.1		

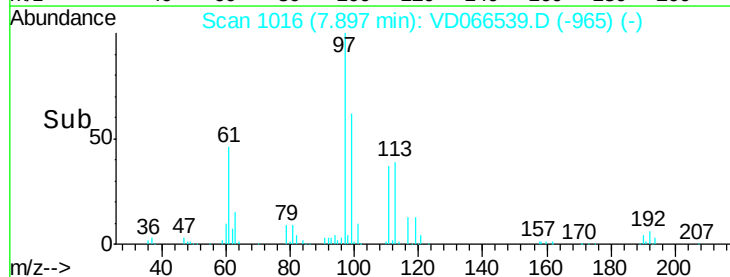
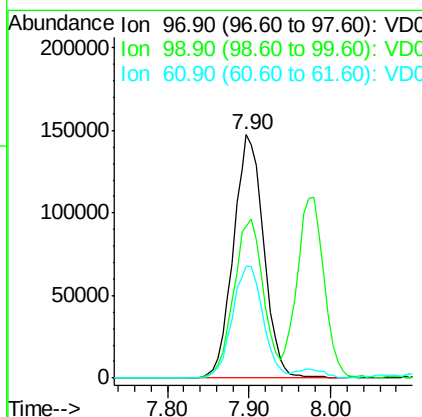
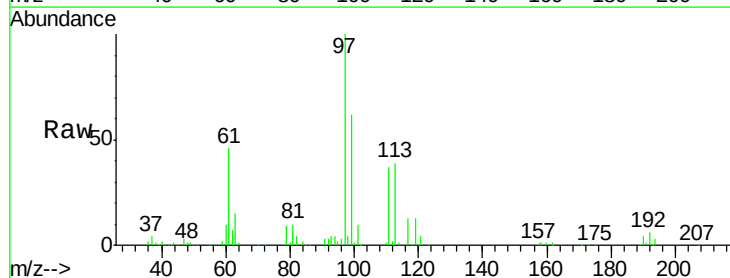
Manual Integrations
APPROVED

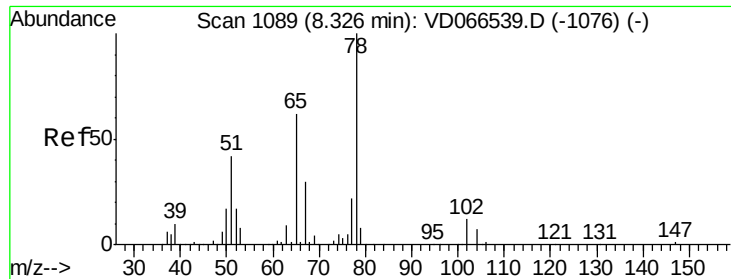
MMDadoda
9/4/2020 4:54:55 PM



#32
1,1,1-Trichloroethane
Concen: 51.612 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		379384		
99	64.2	51.4	77.0		
61	46.7	37.4	56.0		





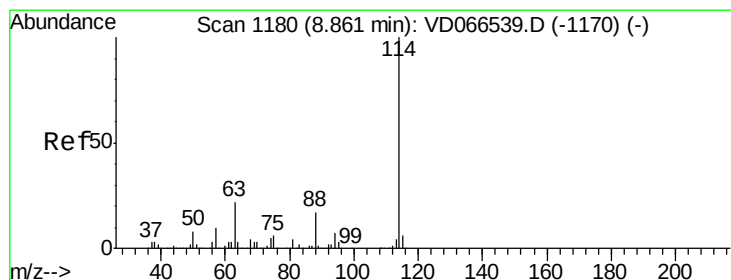
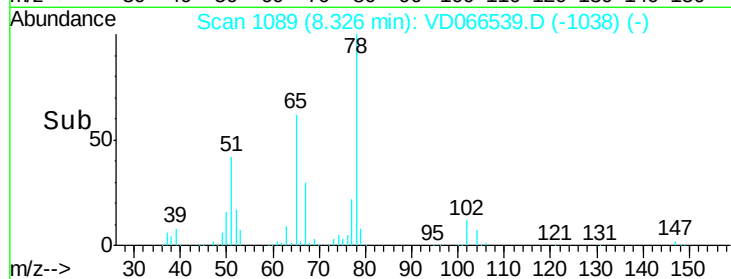
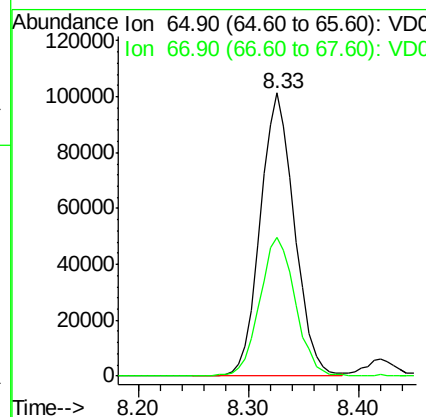
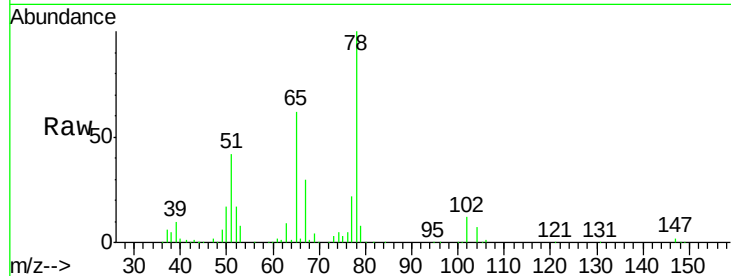
#33
 1,2-Dichloroethane-d4
 Concen: 52.886 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219426		
67	51.4	0.0	102.8	

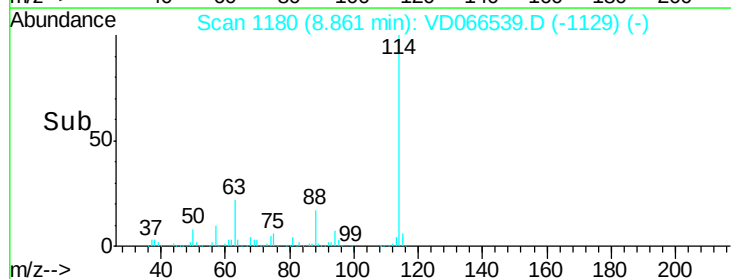
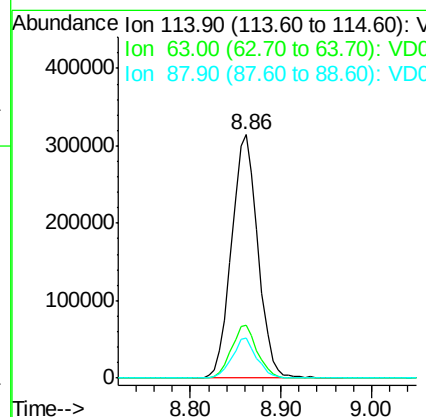
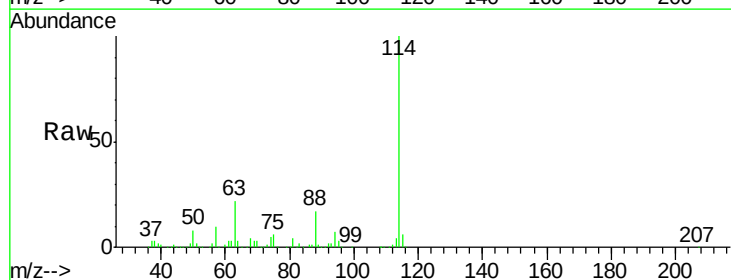
Manual Integrations
 APPROVED

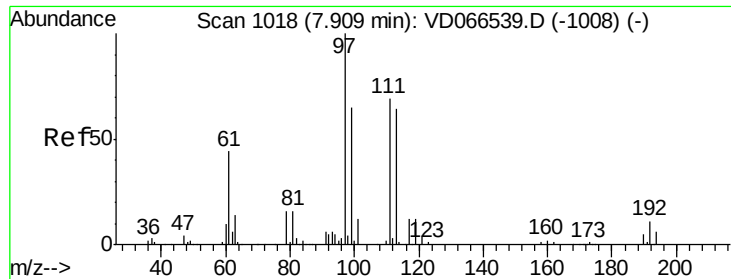
MMDadoda
 9/4/2020 4:54:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	634585		
63	21.6	0.0	43.2	
88	16.6	0.0	33.2	





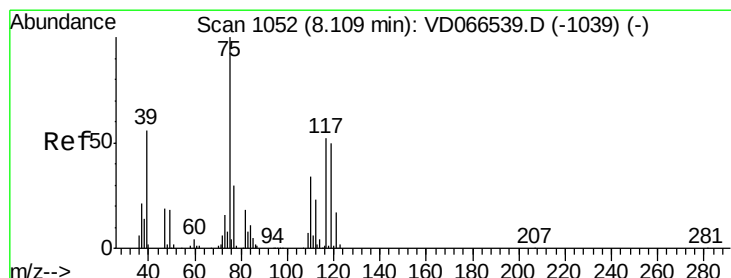
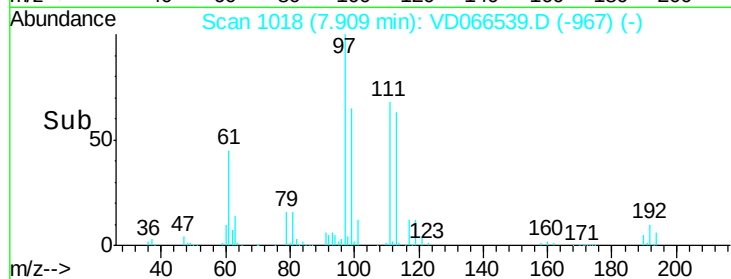
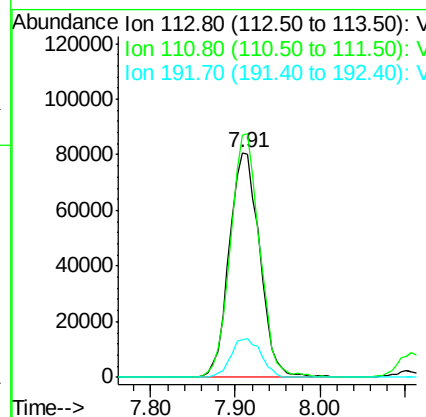
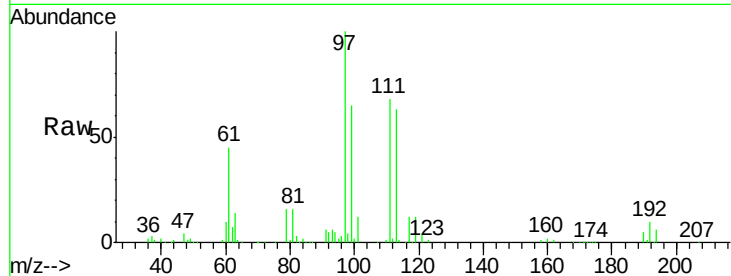
#35
 Dibromofluoromethane
 Concen: 52.879 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200715		
111	104.0	83.2	124.8	
192	17.1	13.7	20.5	

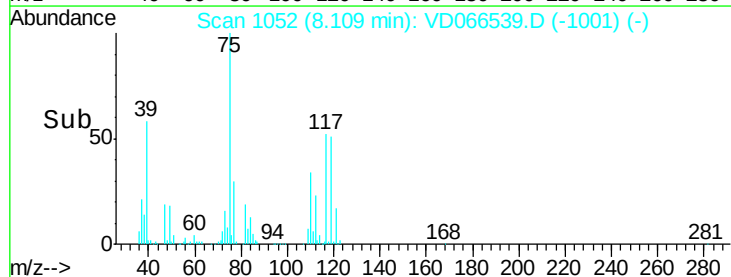
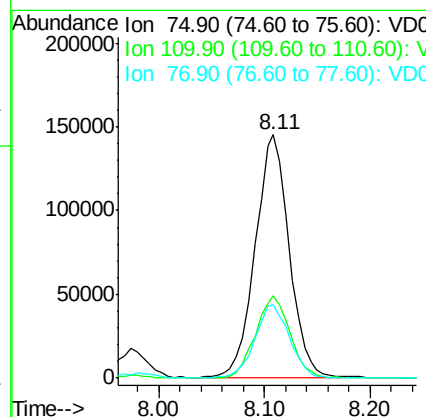
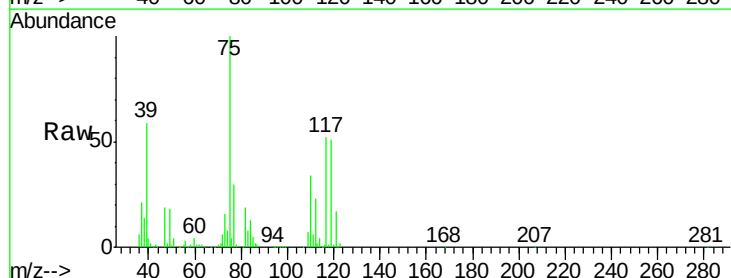
Manual Integrations
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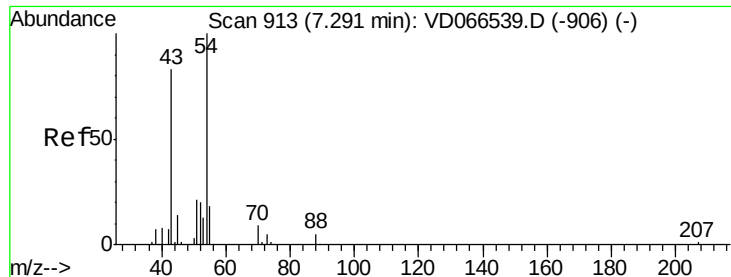
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 56.667 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	322378		
110	34.7	17.3	52.0	
77	31.4	25.1	37.7	





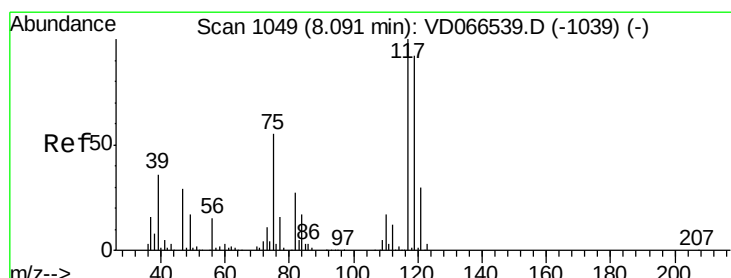
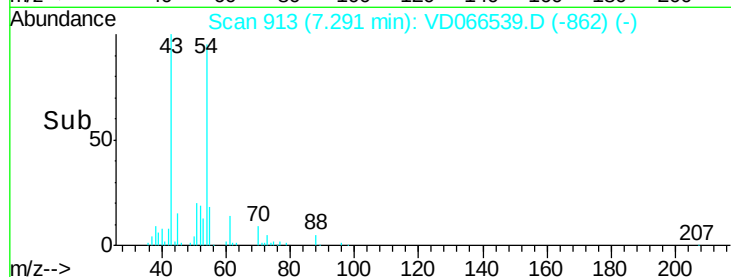
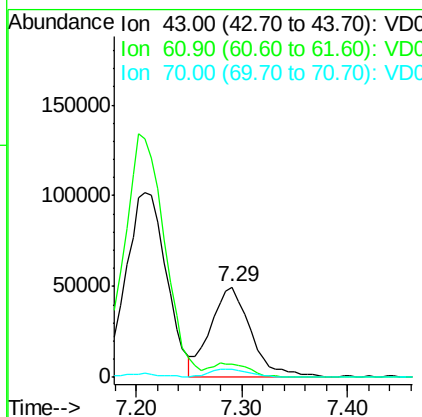
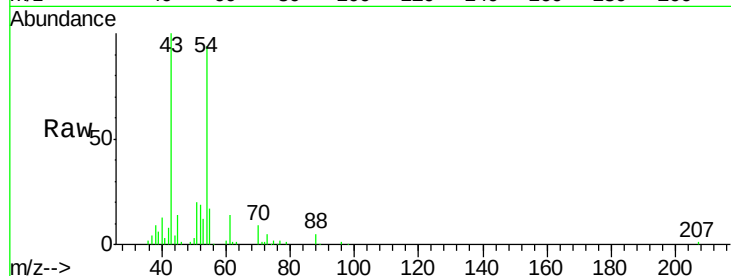
#37
Ethyl Acetate
Concen: 71.358 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	9.9	7.9	11.9

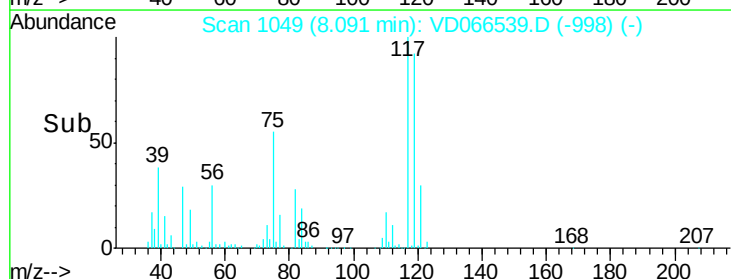
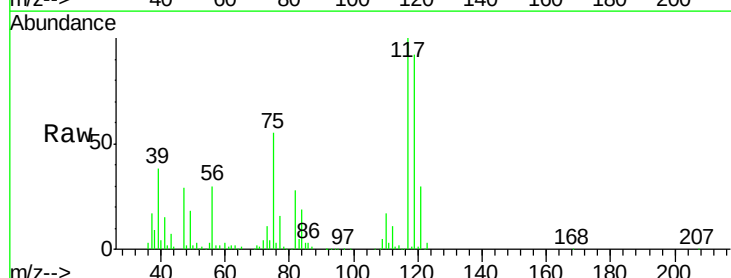
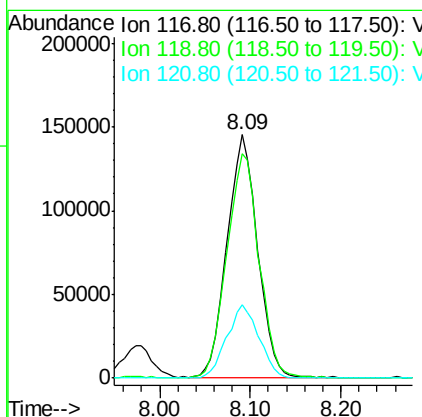
Manual Integrations
APPROVED

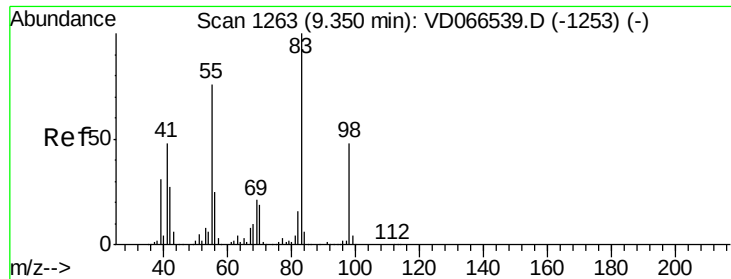
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#38
Carbon Tetrachloride
Concen: 41.803 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.9	110.9
121	30.1	24.1	36.1





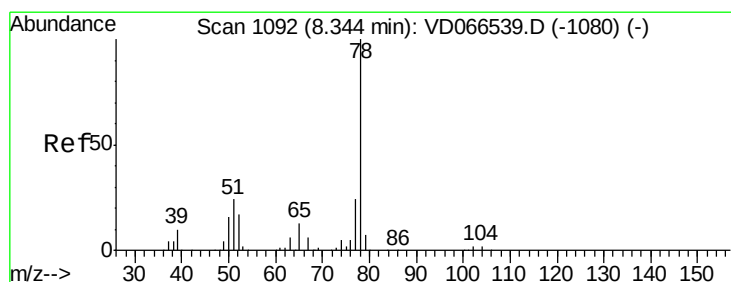
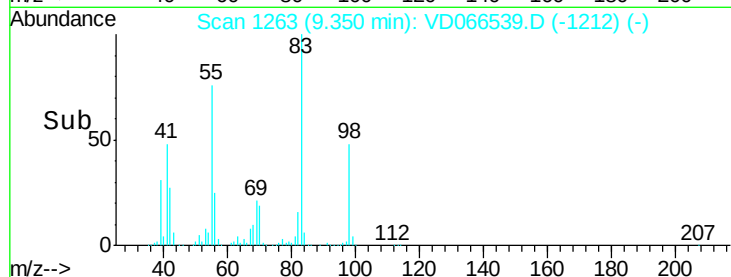
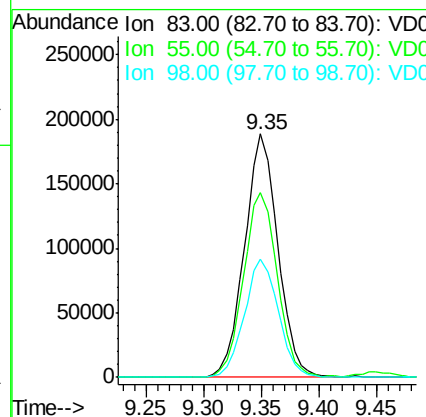
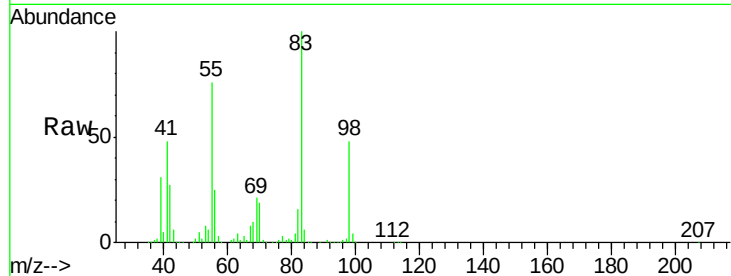
#39
Methylvlcyclohexane
Concen: 56.772 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.8	91.2
98	48.3	38.6	58.0

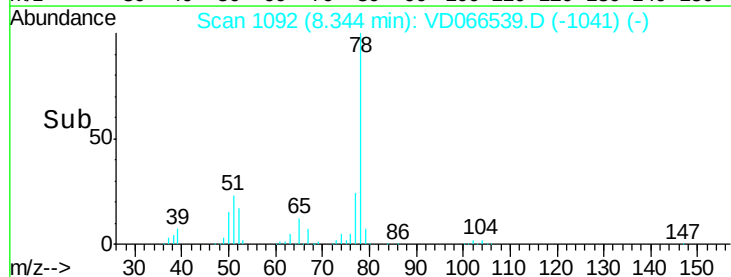
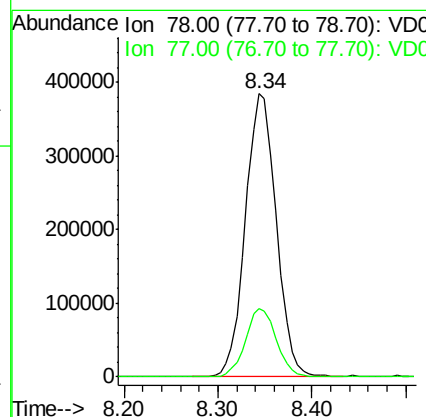
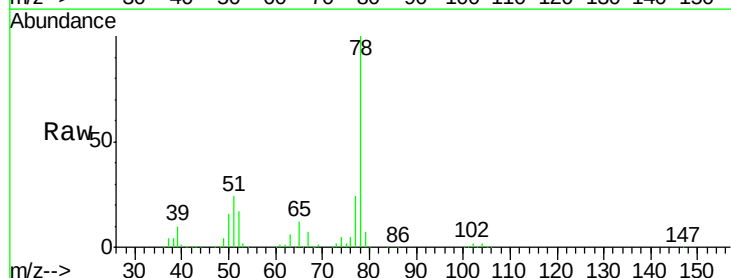
Manual Integrations
APPROVED

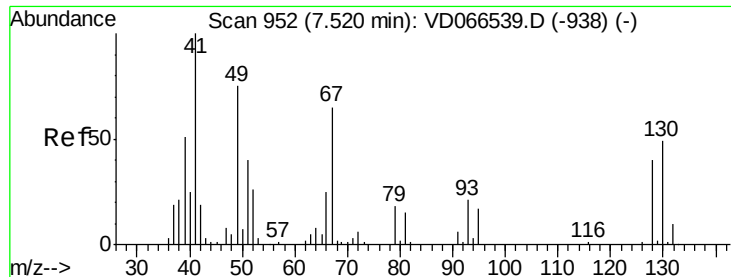
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9/4/2020 4:54:55 PM



#40
Benzene
Concen: 59.158 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 72.962 ug/l

RT: 7.52 min Scan# 952

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 70973

Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

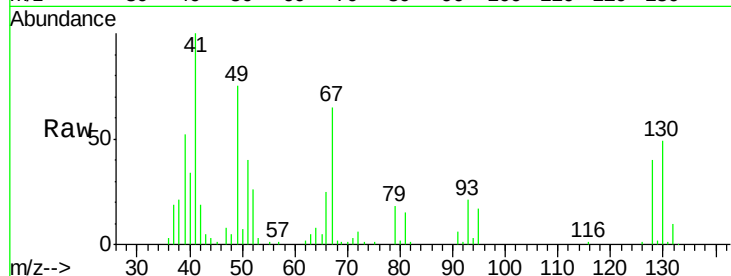
67 74.0 59.2 88.8

52 33.5 26.8 40.2

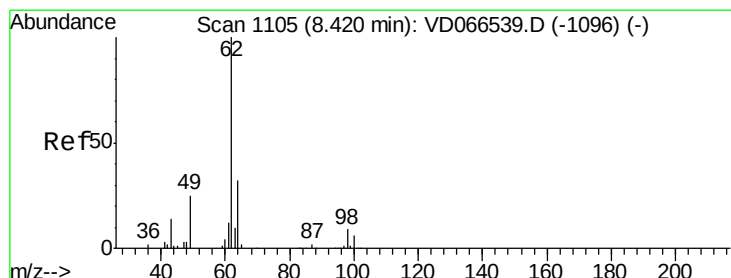
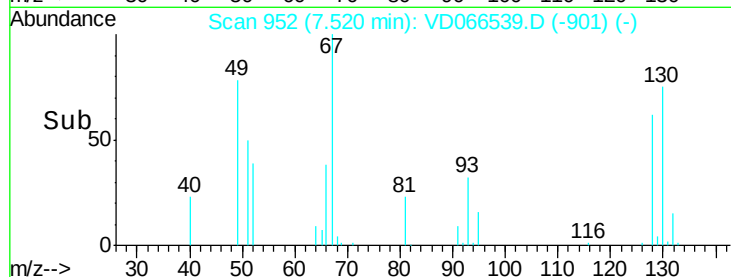
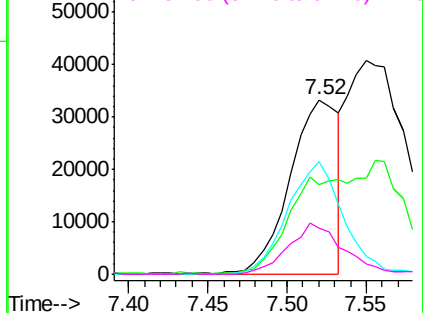
Manual Integrations
APPROVED

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9/4/2020 4:54:55 PM



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 46.387 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066539.D

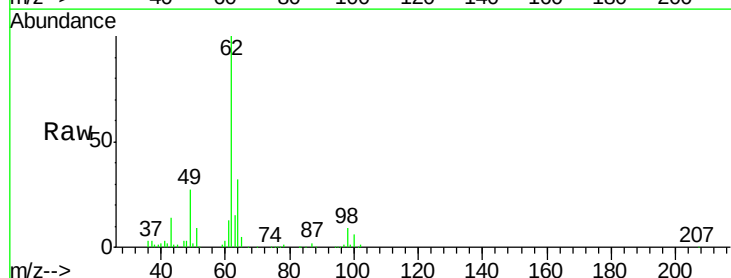
Acq: 03 Sep 2020 15:56

Tgt Ion: 62 Resp: 276881

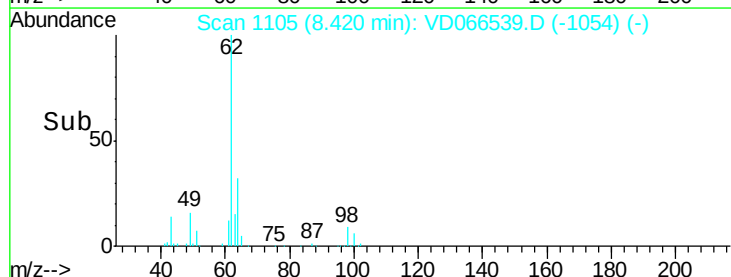
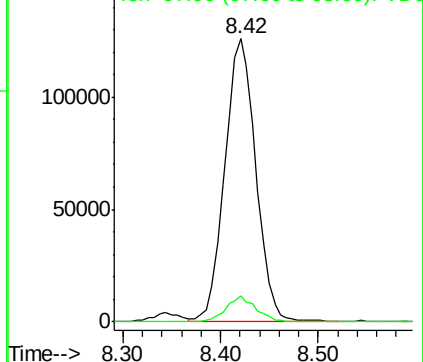
Ion Ratio Lower Upper

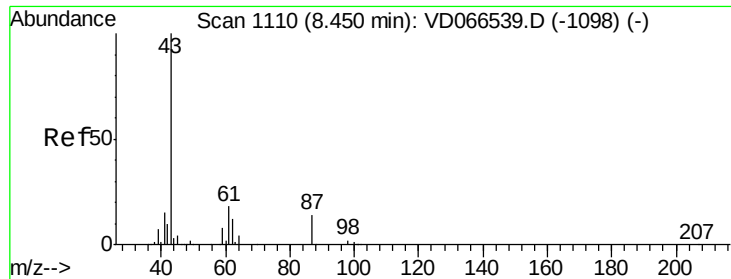
62 100

98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 65.888 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

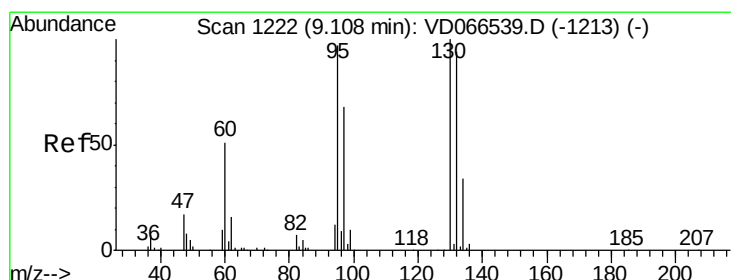
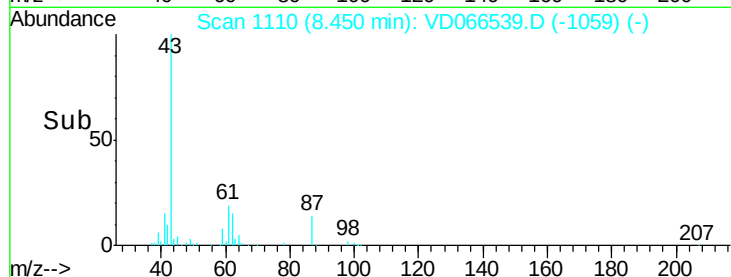
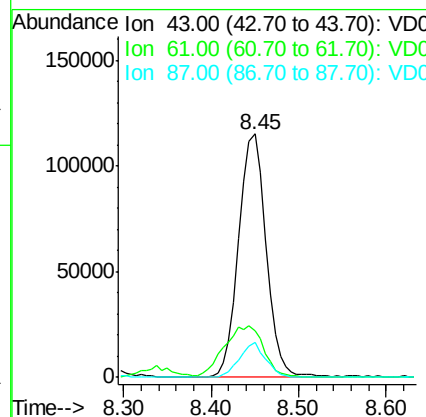
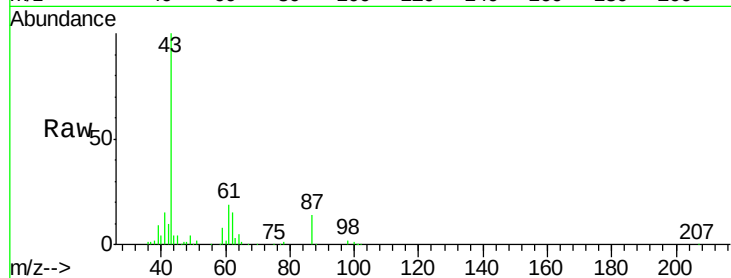
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	245762
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.8
87	13.4	10.7	16.1

Manual Integrations
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MMDadoda
9/4/2020 4:54:55 PM



#44

Trichloroethene

Concen: 47.279 ug/l

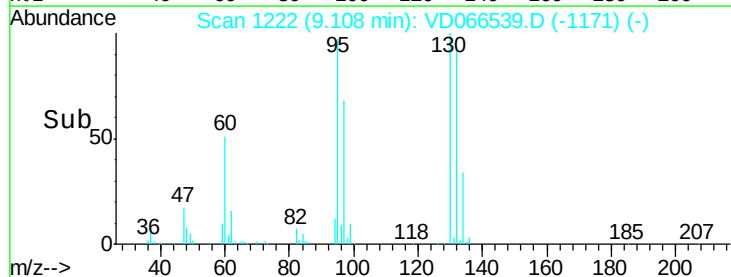
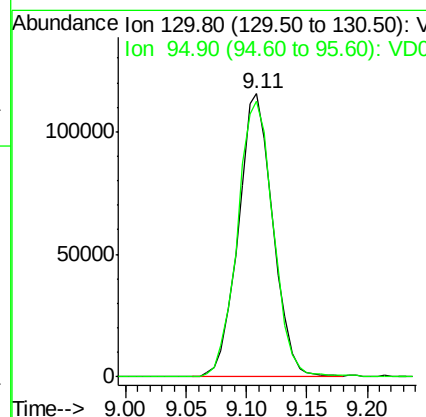
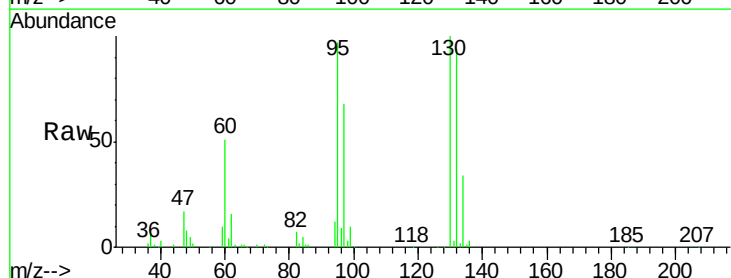
RT: 9.11 min Scan# 1222

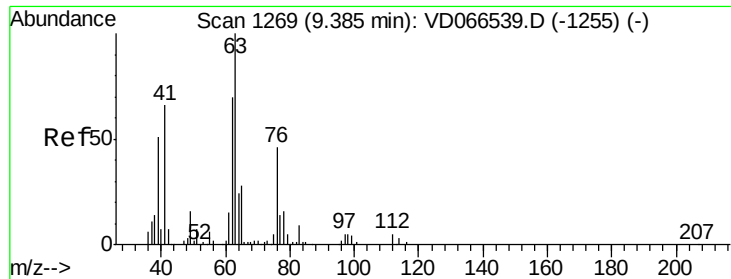
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion:	130	Resp:	230208
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	194.4





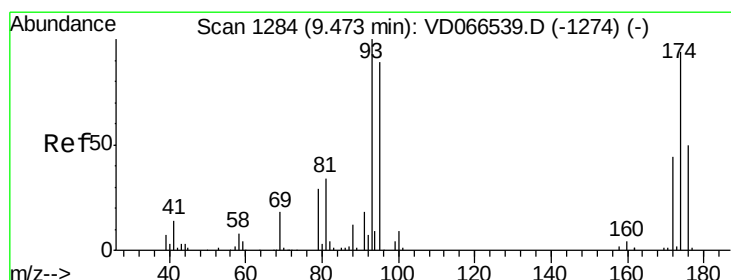
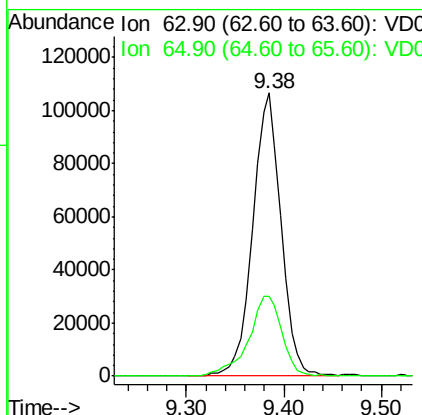
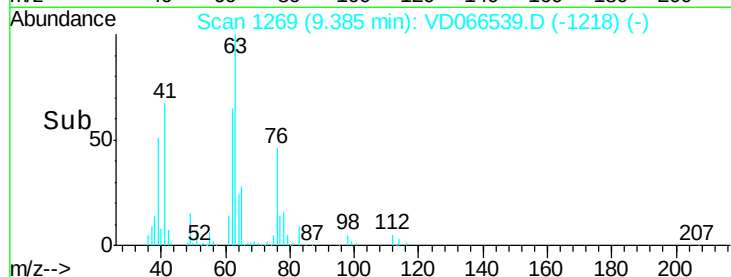
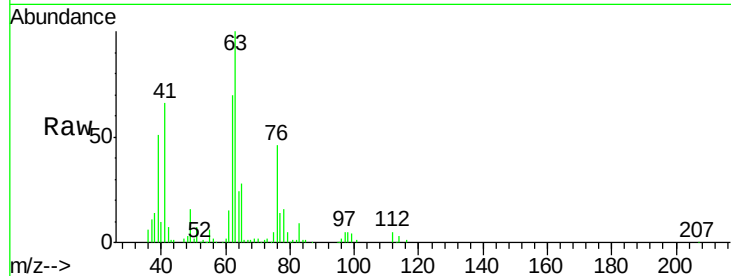
#45
 1,2-Dichloropropane
 Concen: 70.338 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 217915
 Ion Ratio Lower Upper
 63 100
 65 28.3 22.6 34.0

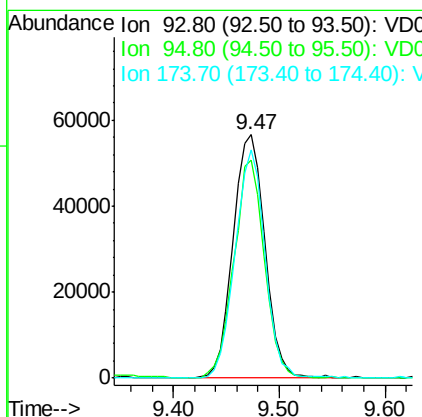
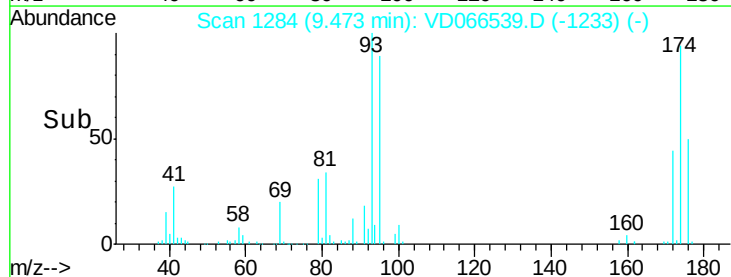
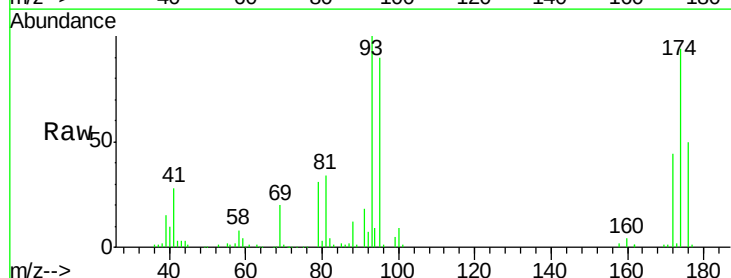
Manual Integrations
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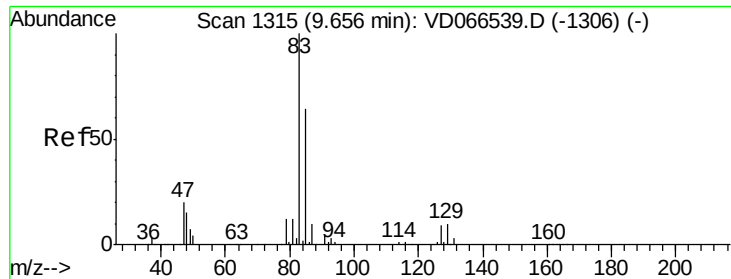
MMDadoda
 9/4/2020 4:54:55 PM



#46
 Dibromomethane
 Concen: 55.590 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 93 Resp: 118280
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.7 103.1
 174 87.5 70.0 105.0





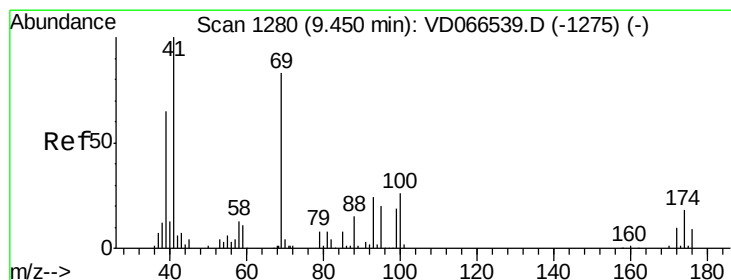
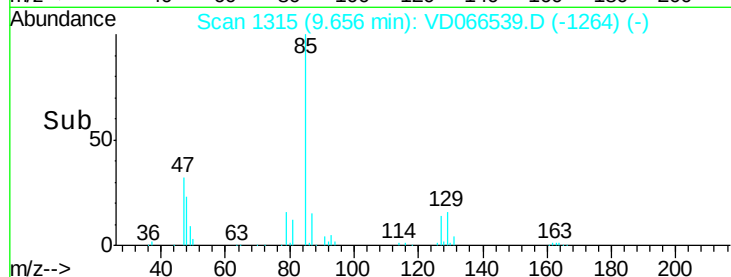
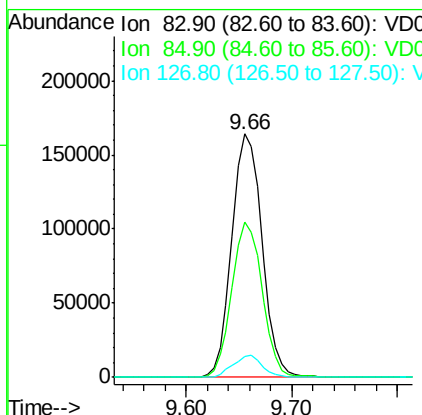
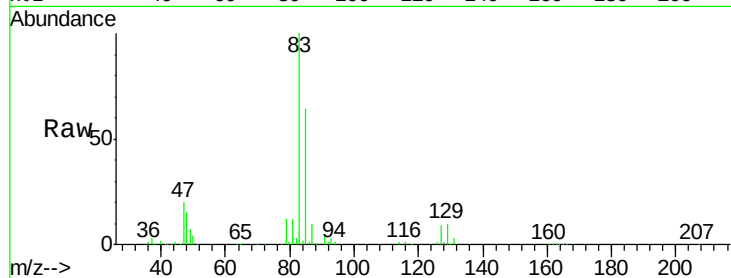
#47
Bromodichloromethane
Concen: 52.300 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	325730		
85	63.9		51.1	76.7
127	8.6		6.9	10.3

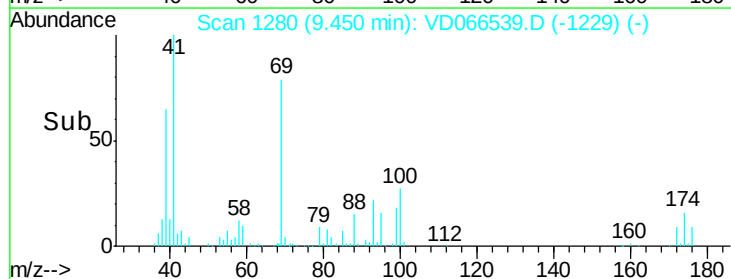
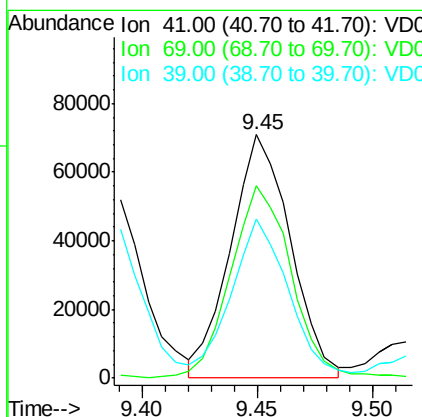
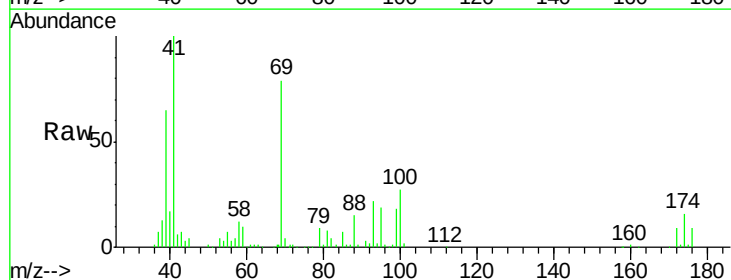
Manual Integrations
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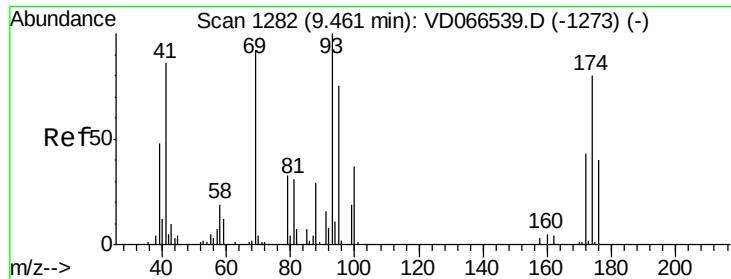
MMDadoda
9/4/2020 4:54:55 PM



#48
Methyl methacrylate
Concen: 66.793 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	127135		
69	80.6		64.5	96.7
39	58.2		46.6	69.8





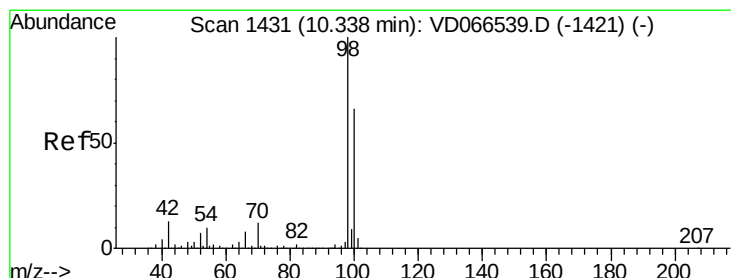
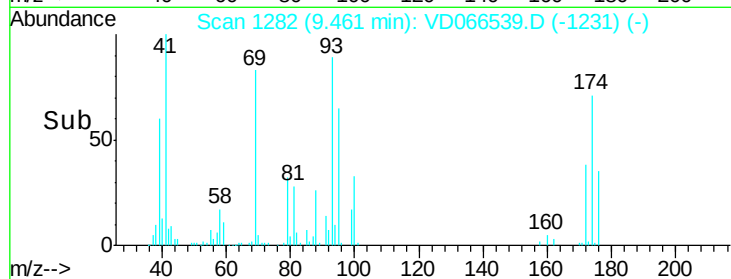
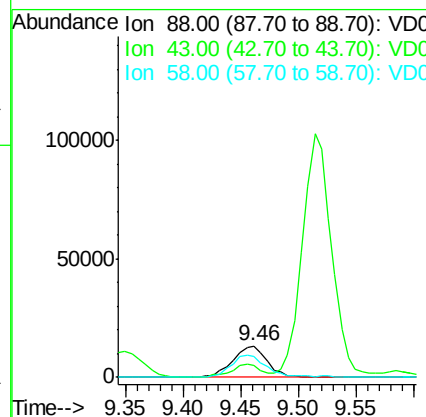
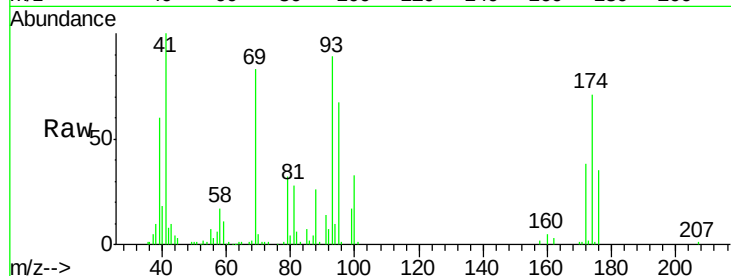
#49
1,4-Dioxane
Concen: 1118.608 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	27543
Ion	Ratio	Lower	Upper
88	100		
43	35.4	28.3	42.5
58	70.1	56.1	84.1

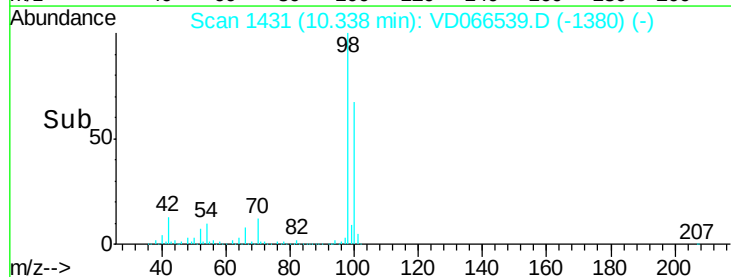
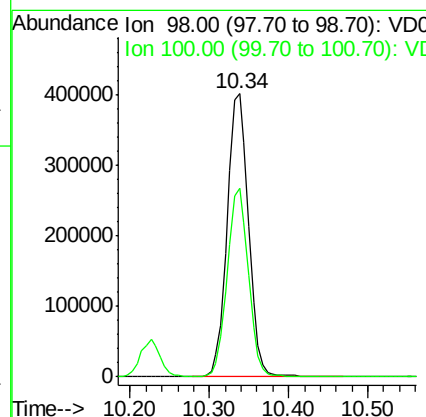
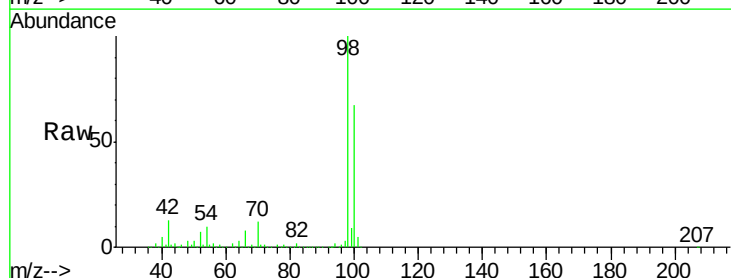
Manual Integrations
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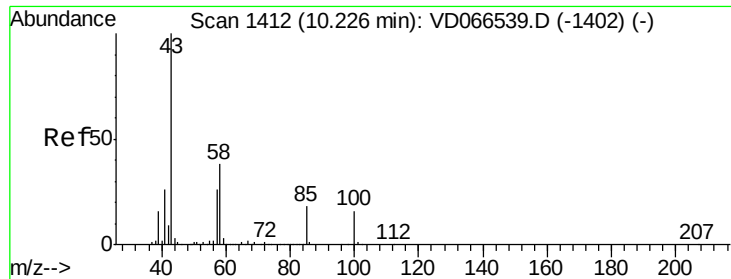
MMDadoda
9/4/2020 4:54:55 PM



#50
Toluene-d8
Concen: 52.783 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	98	Resp	748064
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





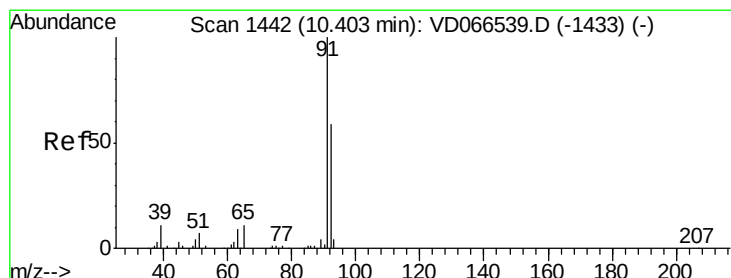
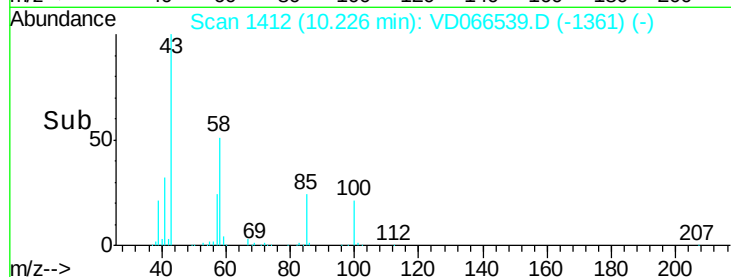
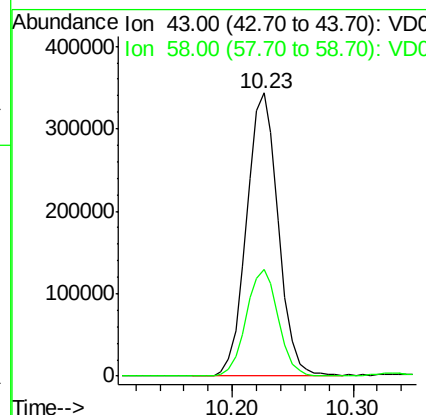
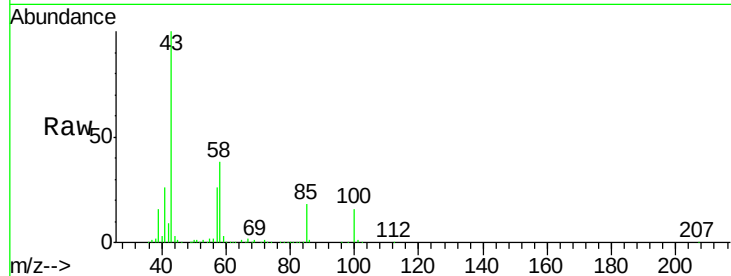
#51
 4-Methyl-2-Pentanone
 Concen: 358.633 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.5	45.7

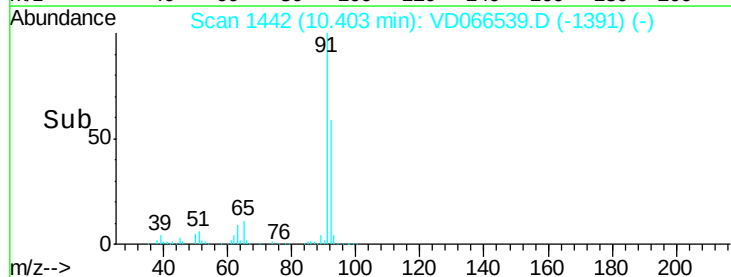
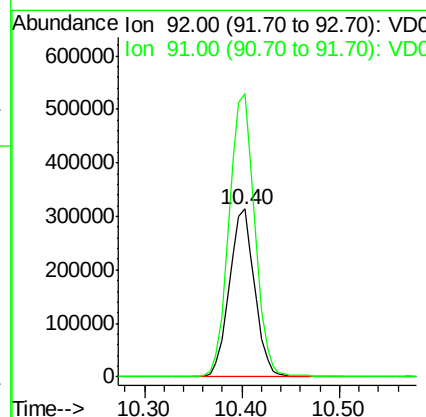
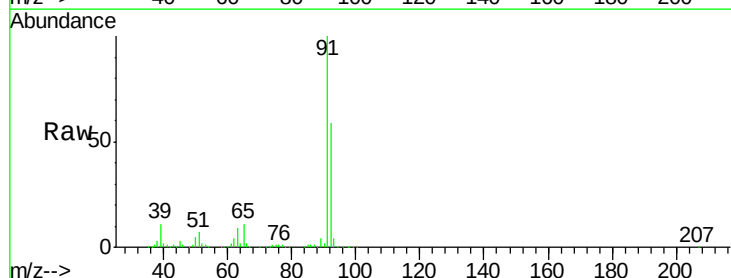
Manual Integrations
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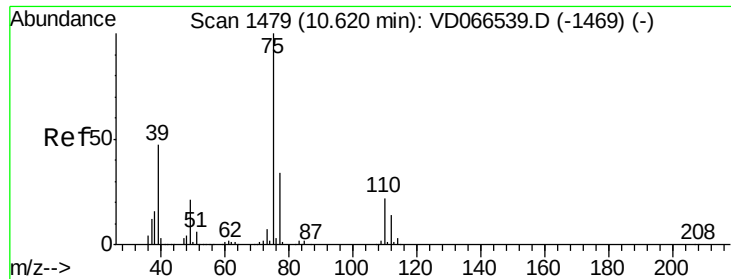
MMDadoda
 9/4/2020 4:54:55 PM



#52
 Toluene
 Concen: 54.599 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	137.4	206.2





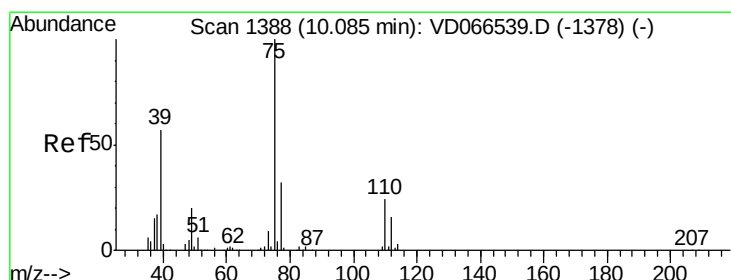
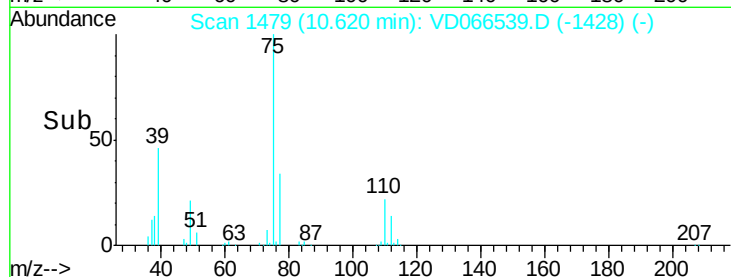
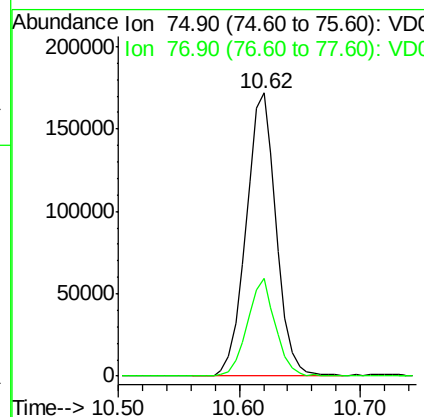
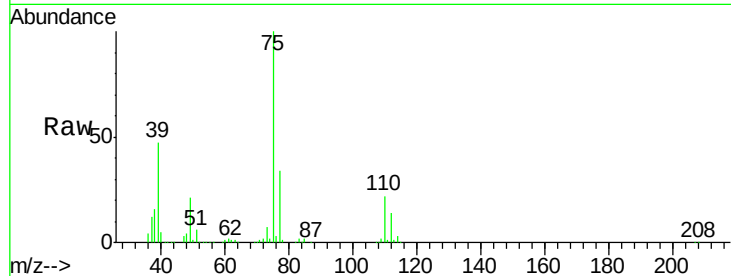
#53
 t-1,3-Dichloropropene
 Concen: 52.680 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 297862
 Ion Ratio Lower Upper
 75 100
 77 34.3 27.4 41.2

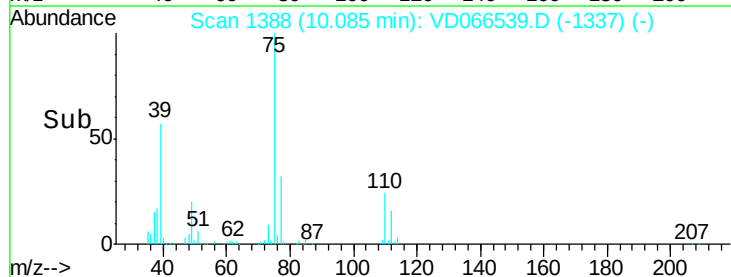
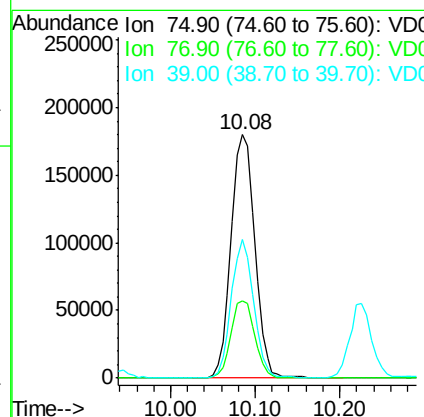
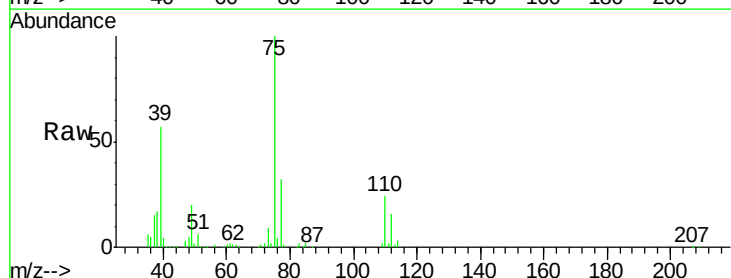
Manual Integrations
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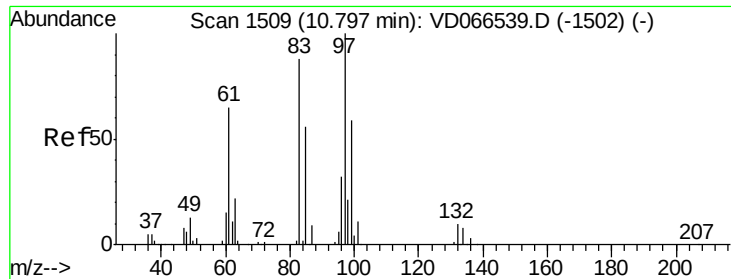
MMDadoda
 9/4/2020 4:54:55 PM



#54
 cis-1,3-Dichloropropene
 Concen: 57.140 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 75 Resp: 348740
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 56.7 45.4 68.0





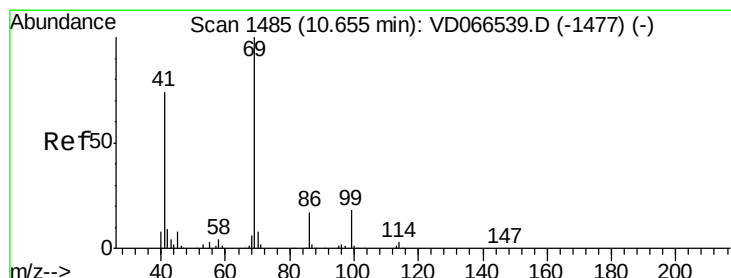
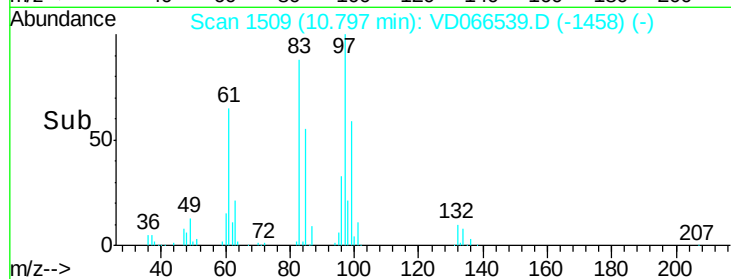
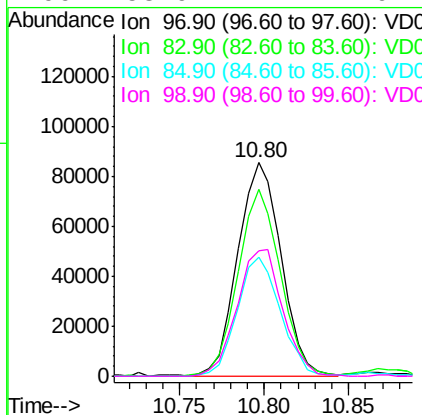
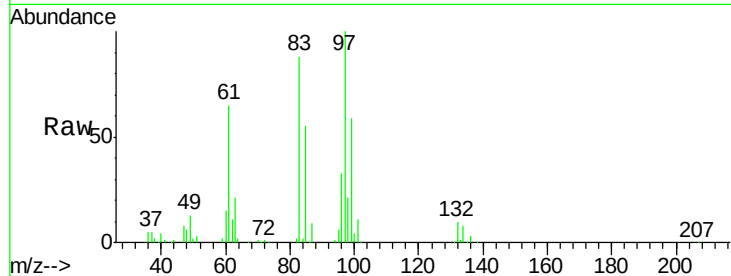
#55
 1,1,2-Trichloroethane
 Concen: 56.538 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		152293		
83	87.6	70.1	105.1		
85	55.6	44.5	66.7		
99	58.9	47.1	70.7		

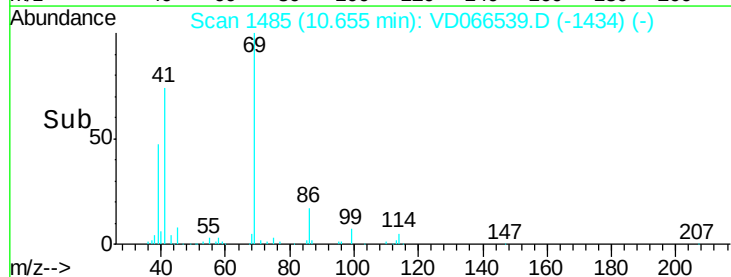
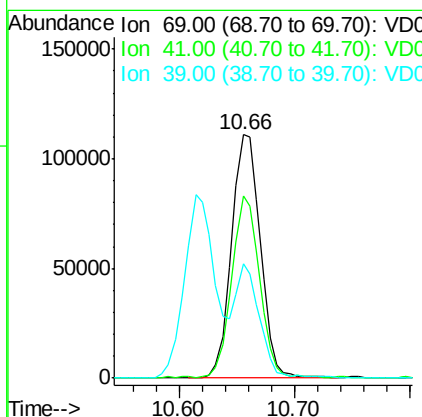
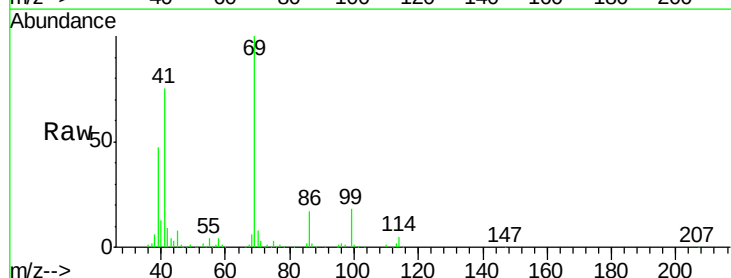
Manual Integrations
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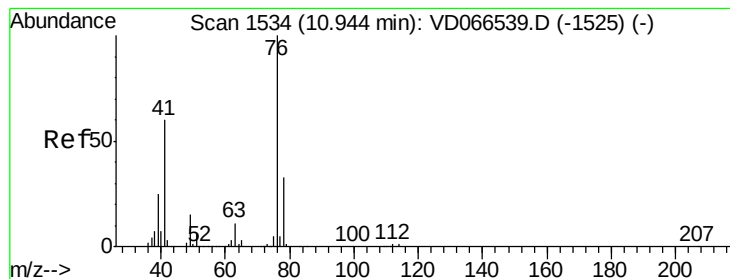
MMDadoda
 9/4/2020 4:54:55 PM



#56
 Ethyl methacrylate
 Concen: 59.842 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192287		
41	71.0	56.8	85.2		
39	38.3	30.6	46.0		





#57

1,3-Dichloropropane

Concen: 61.098 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 276193

Ion Ratio Lower Upper

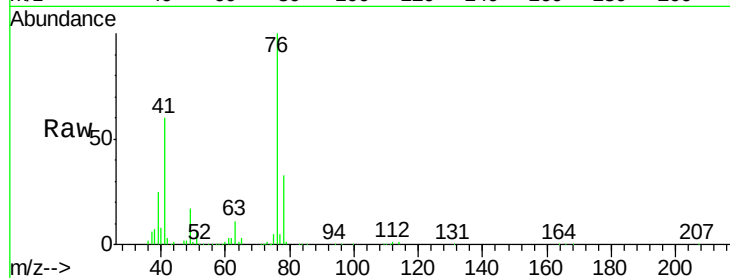
76 100

78 32.3 25.8 38.8

Manual Integrations
APPROVED

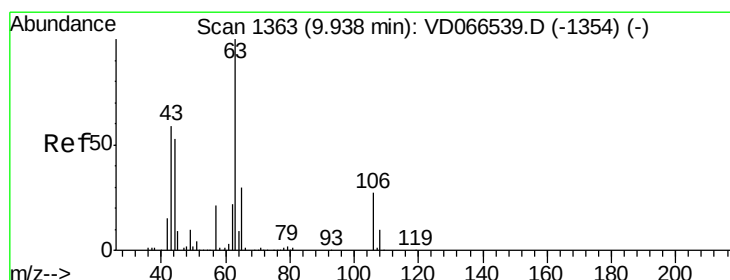
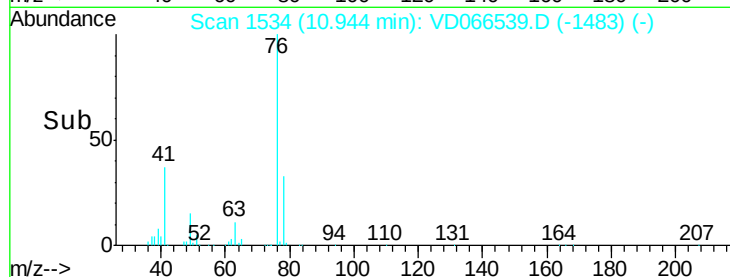
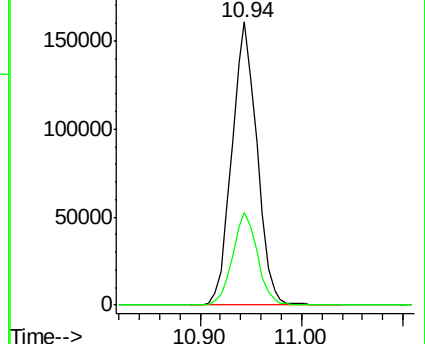
MMDadoda

9/4/2020 4:54:55 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 322.576 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066539.D

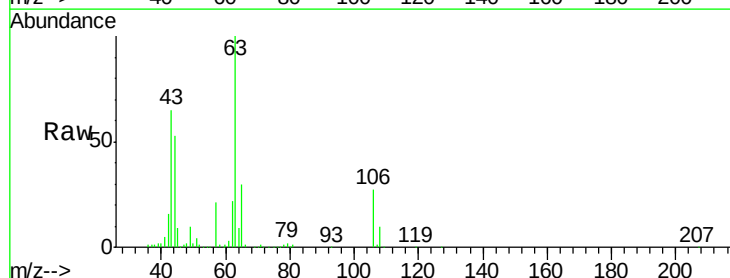
Acq: 03 Sep 2020 15:56

Tgt Ion: 63 Resp: 417442

Ion Ratio Lower Upper

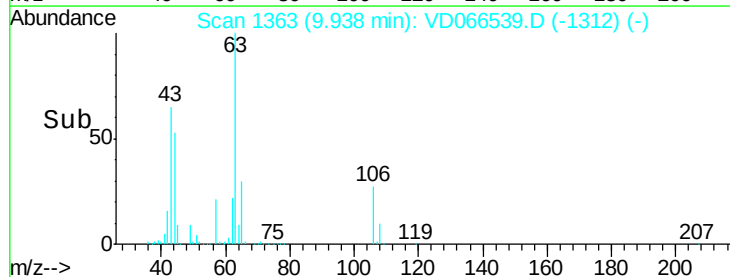
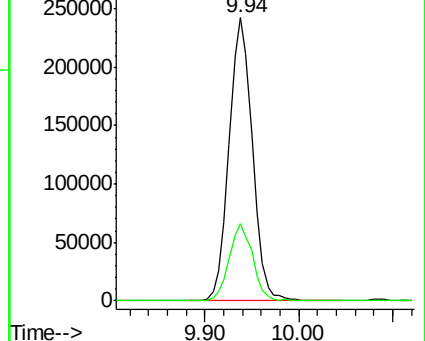
63 100

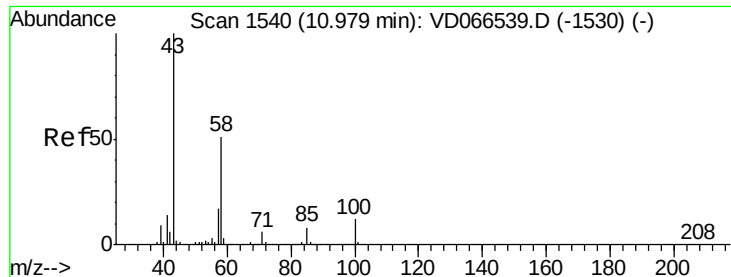
106 27.5 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





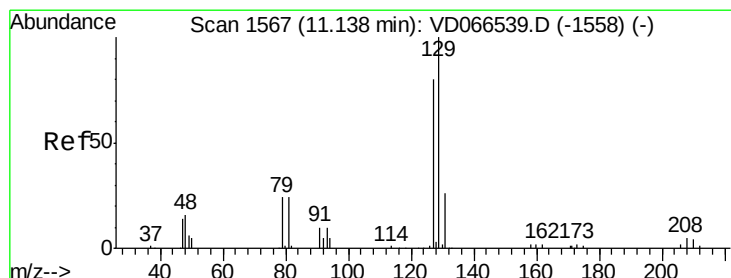
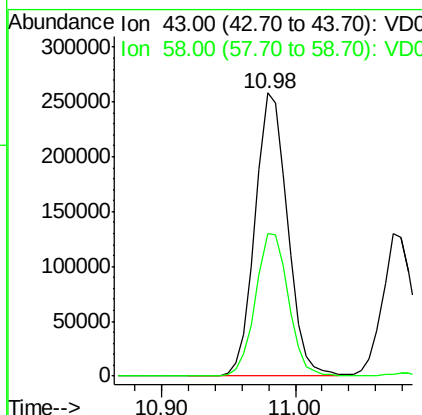
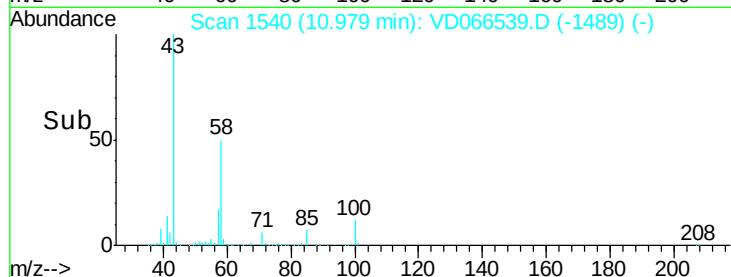
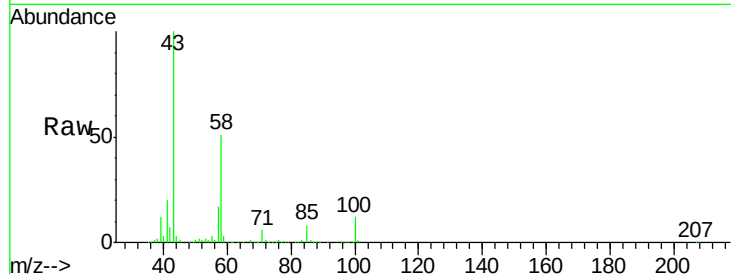
#59
2-Hexanone
Concen: 345.552 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 433725
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8

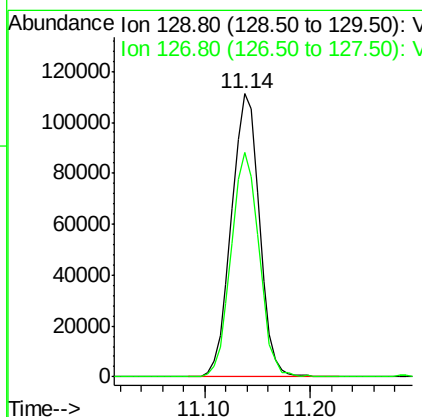
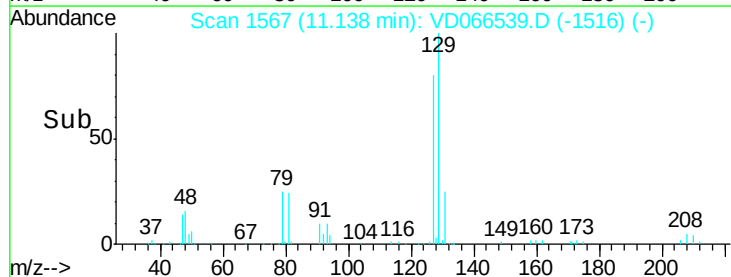
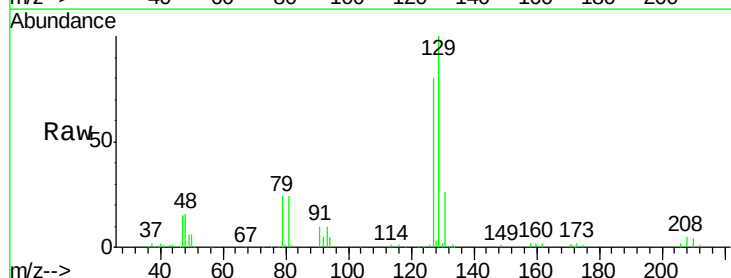
Manual Integrations
APPROVED

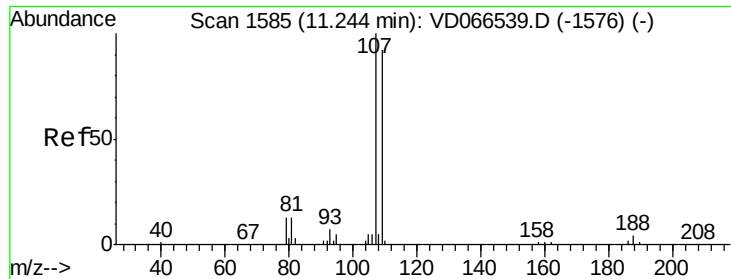
MMDadoda
9/4/2020 4:54:55 PM



#60
Dibromochloromethane
Concen: 47.458 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 129 Resp: 203722
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.3





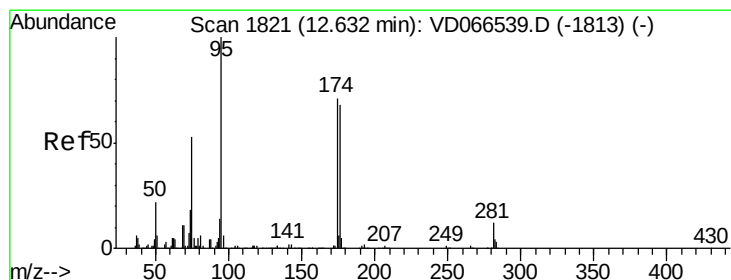
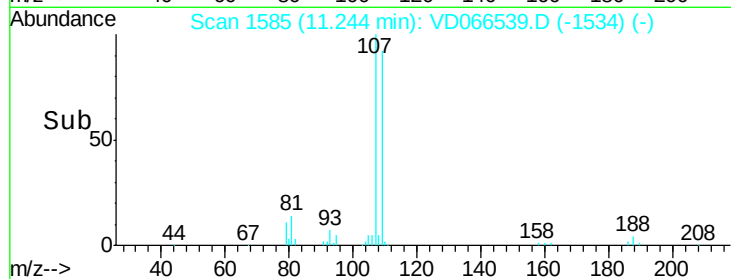
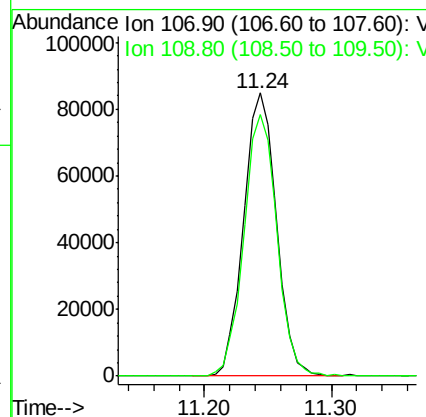
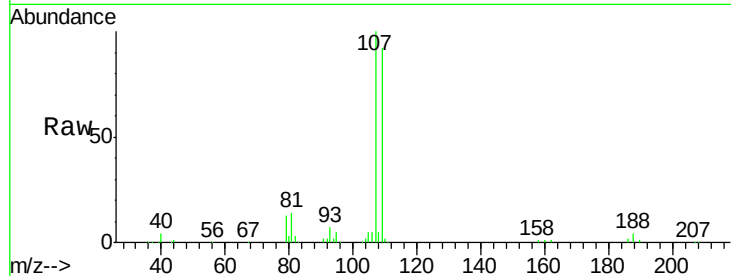
#61
 1,2-Dibromoethane
 Concen: 55.525 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.4	111.6

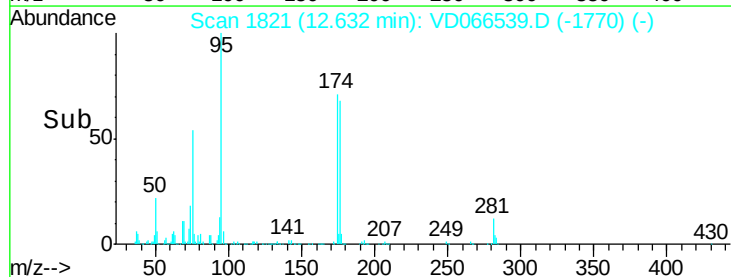
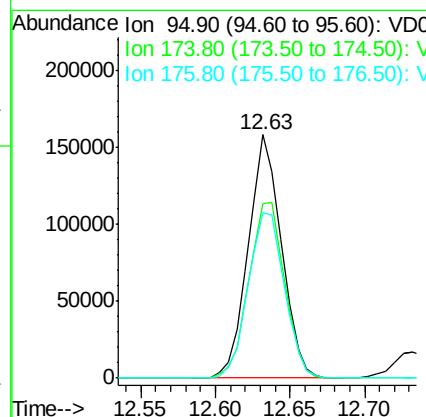
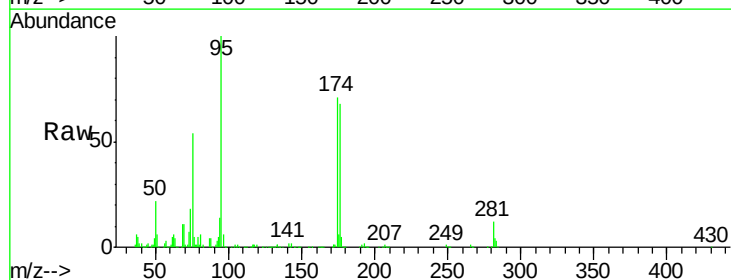
Manual Integrations
 APPROVED

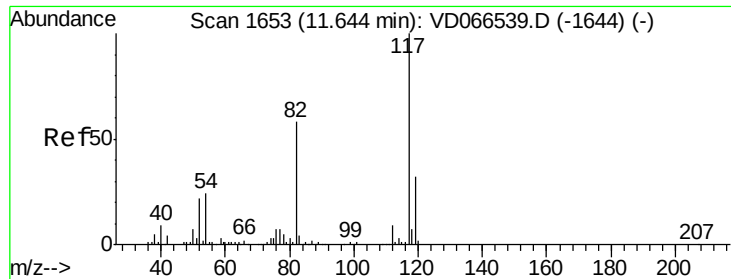
MMDadoda
 9/4/2020 4:54:55 PM



#62
 4-Bromofluorobenzene
 Concen: 48.134 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	155.8
176	74.3	0.0	148.6





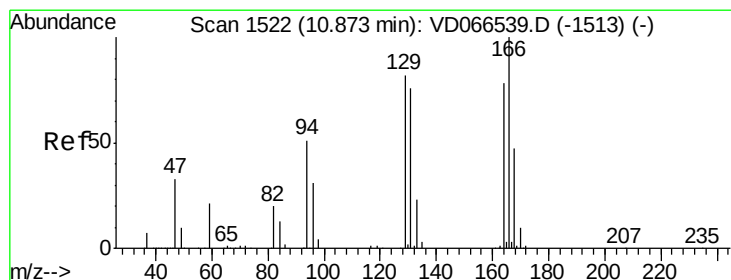
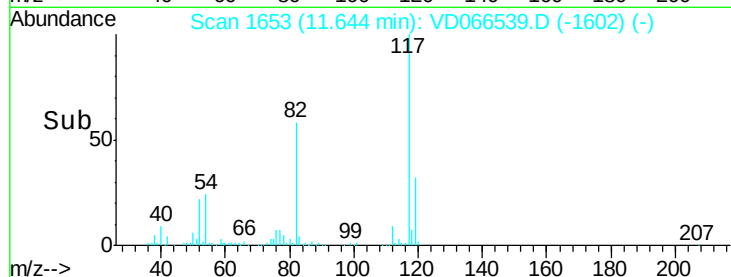
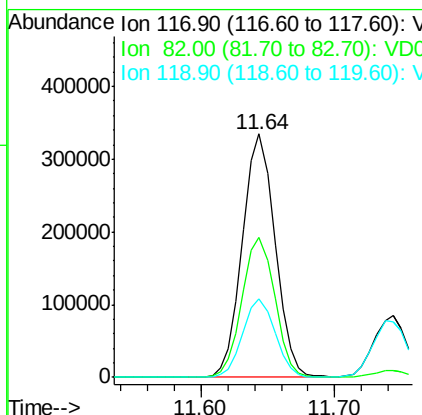
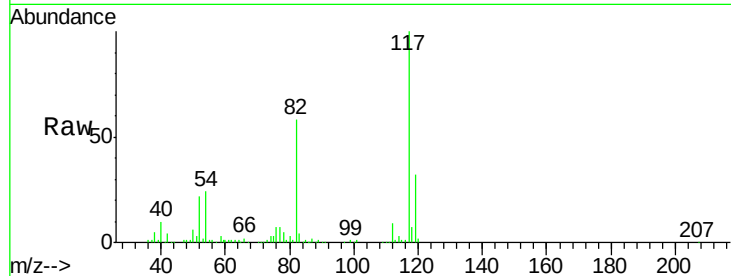
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.2	69.2
119	32.3	25.8	38.8

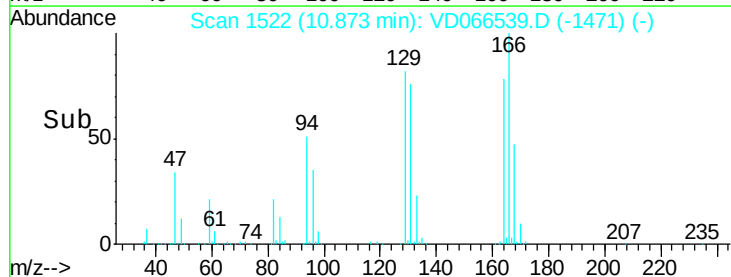
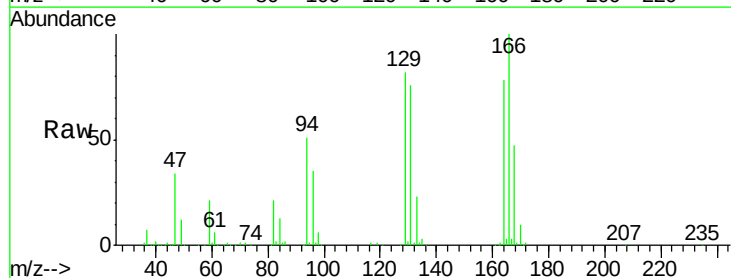
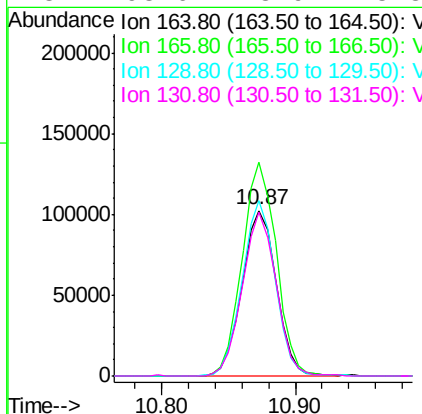
Manual Integrations
APPROVED

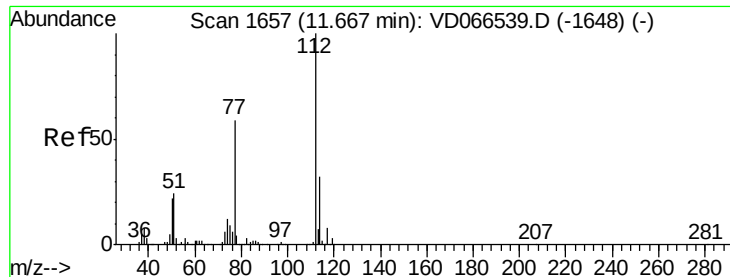
MMDadoda
9/4/2020 4:54:55 PM



#64
Tetrachloroethene
Concen: 42.392 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.2	154.8
129	105.6	84.5	126.7
131	98.6	78.9	118.3





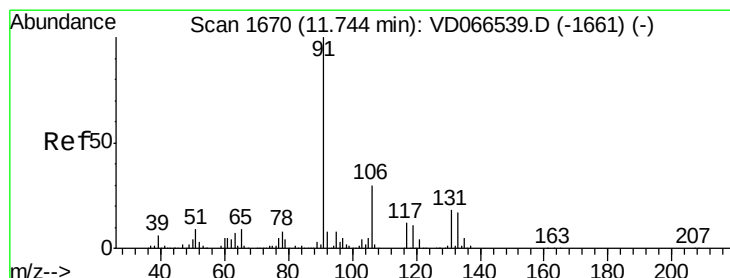
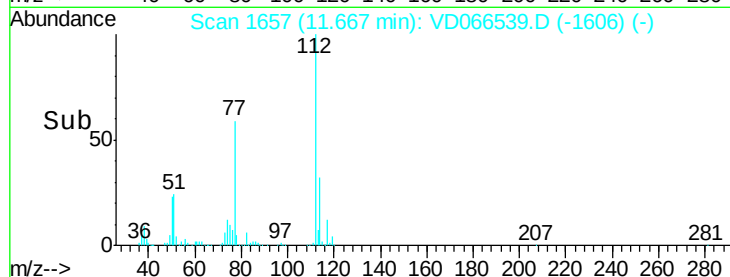
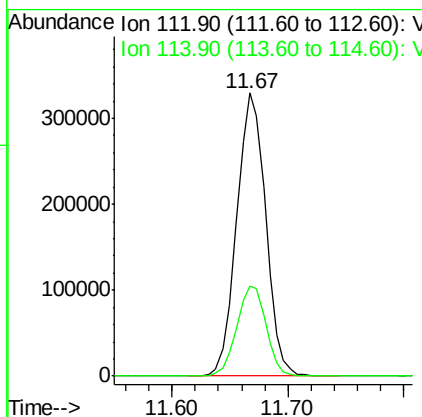
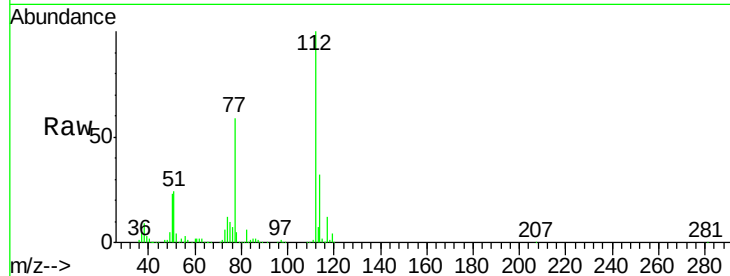
#65
Chlorobenzene
Concen: 51.194 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

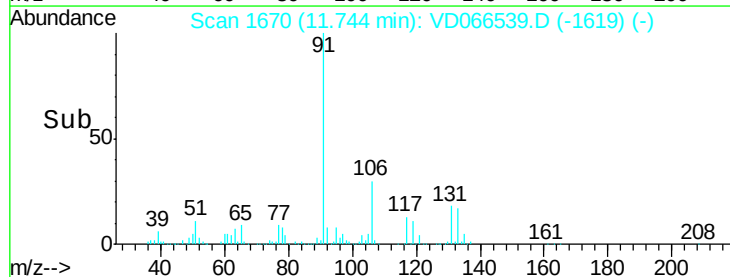
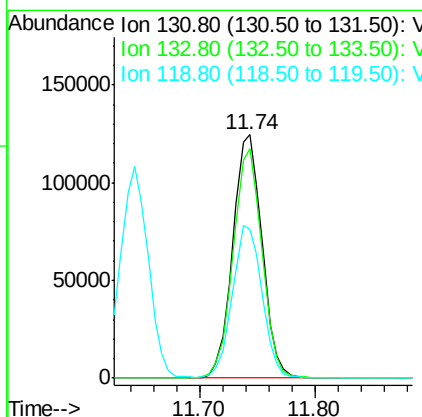
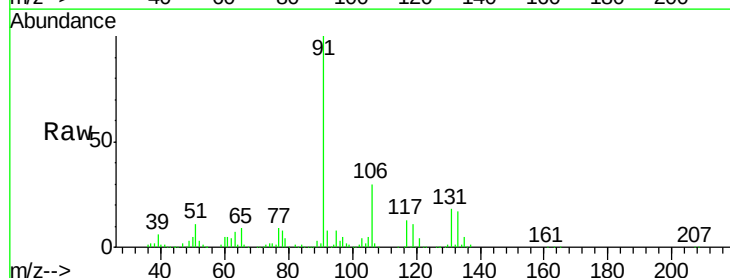
Manual Integrations
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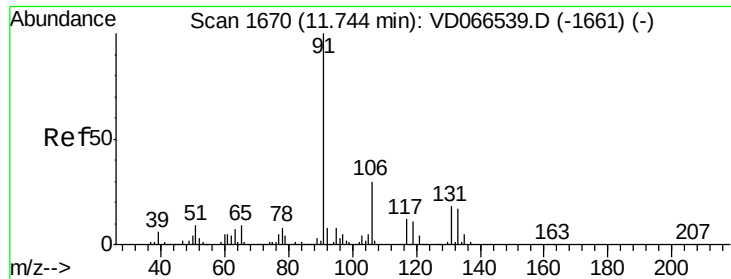
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.871 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.3	46.7	140.0
119	63.8	31.9	95.7





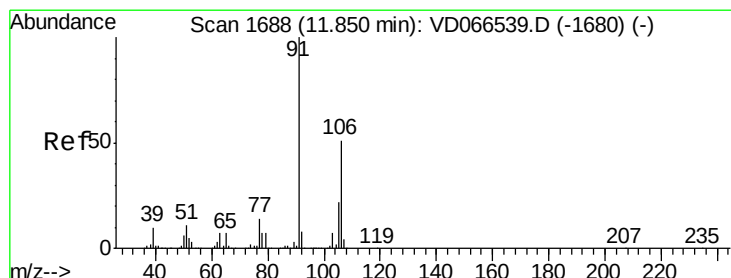
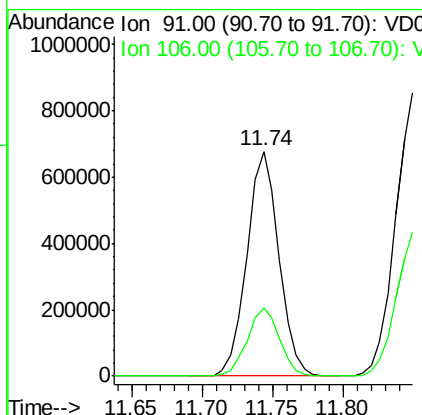
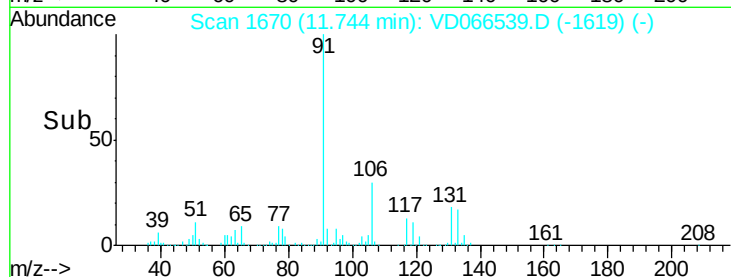
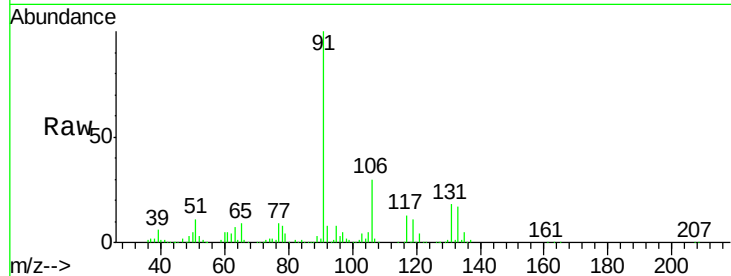
#67
Ethyl Benzene
Concen: 54.215 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1079409
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

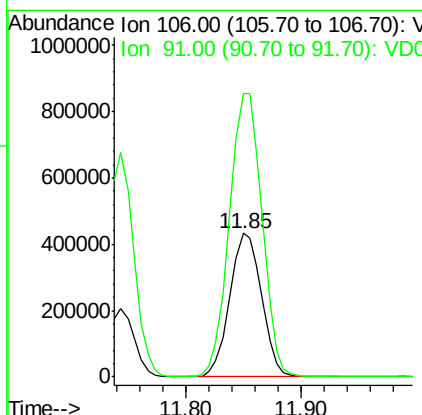
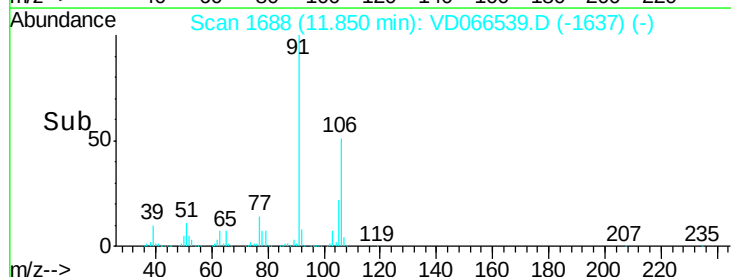
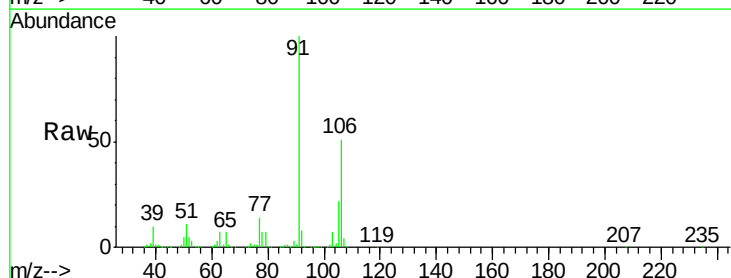
Manual Integrations
APPROVED

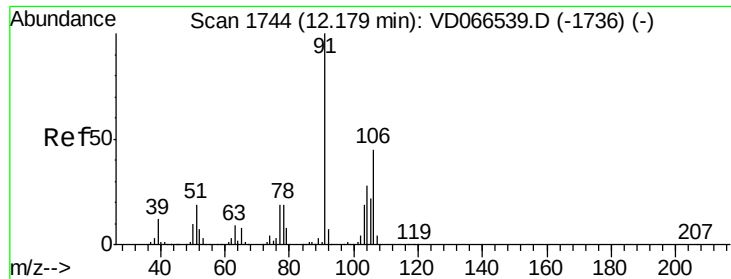
MMDadoda
9/4/2020 4:54:55 PM



#68
m/p-Xylenes
Concen: 107.307 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 106 Resp: 825214
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6





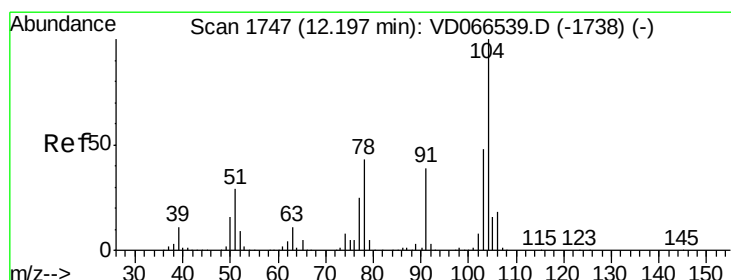
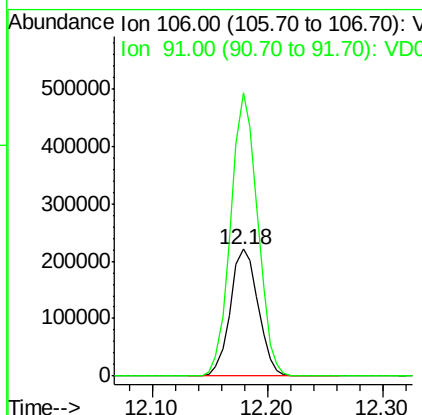
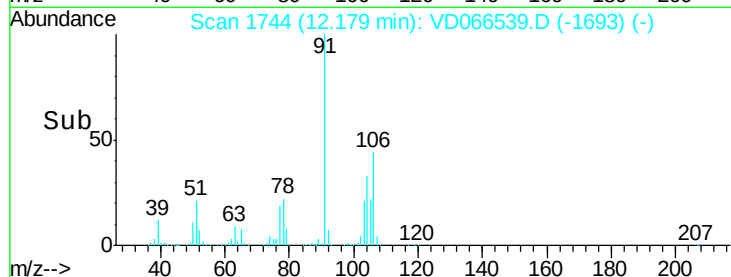
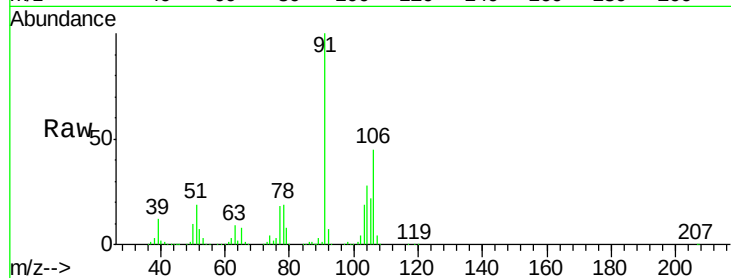
#69
o-Xylene
Concen: 50.901 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		368458		
91	215.9	107.9	323.8		

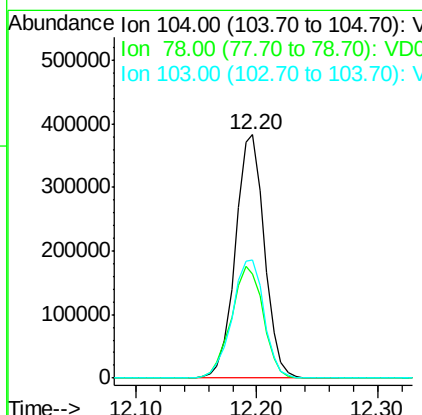
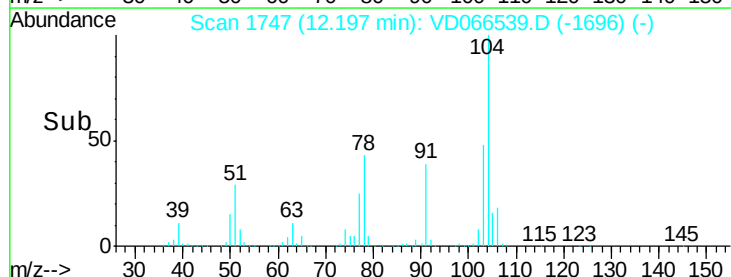
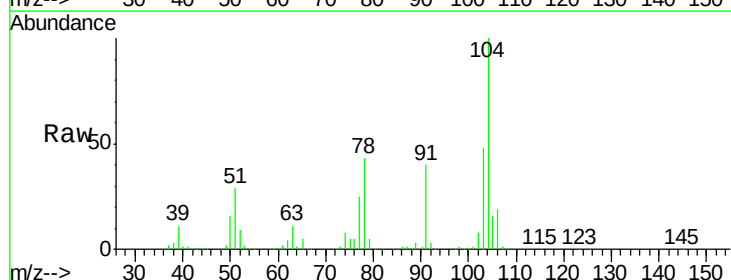
Manual Integrations
APPROVED

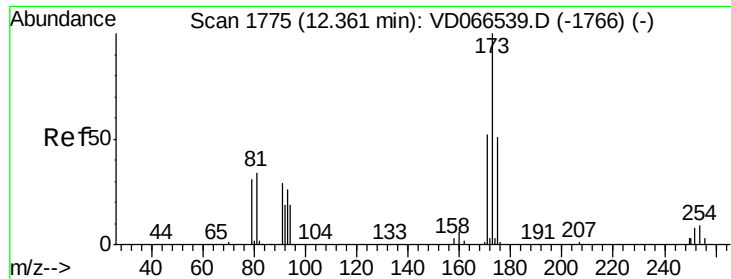
MMDadoda
9/4/2020 4:54:55 PM



#70
Styrene
Concen: 51.650 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		640592		
78	50.9	40.7	61.1		
103	53.6	42.9	64.3		





#71

Bromoform

Concen: 43.439 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

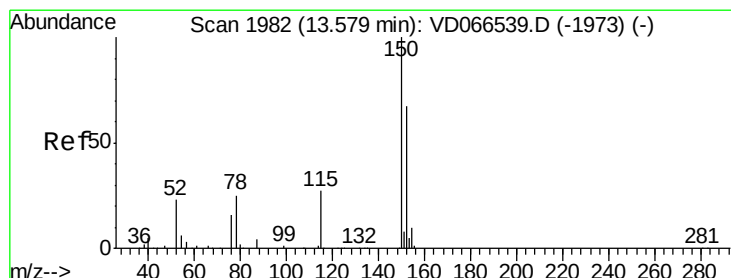
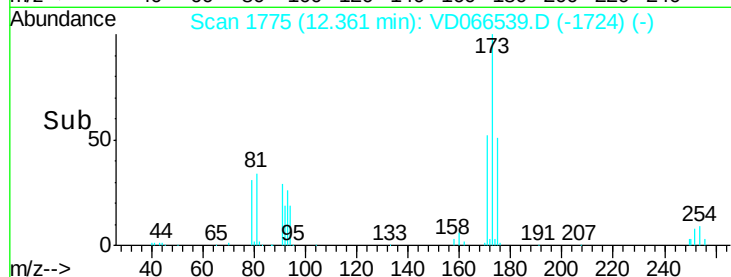
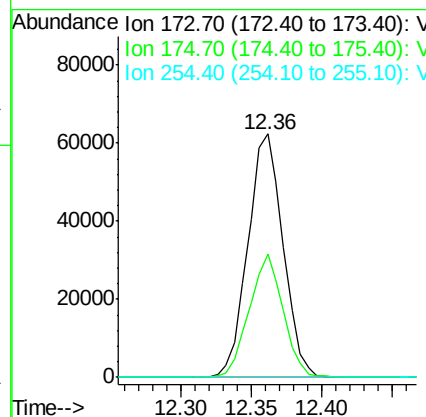
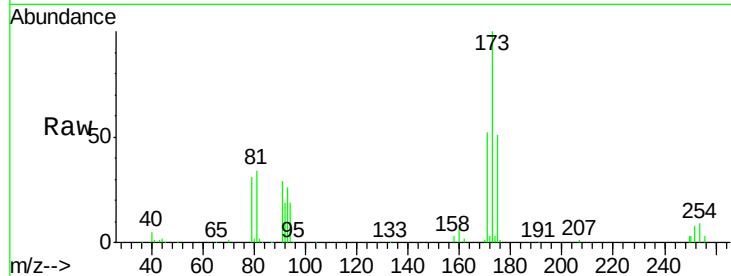
ClientSampleId :

VSTDICCC050

Tot Ion:	173	Resp:	108913
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

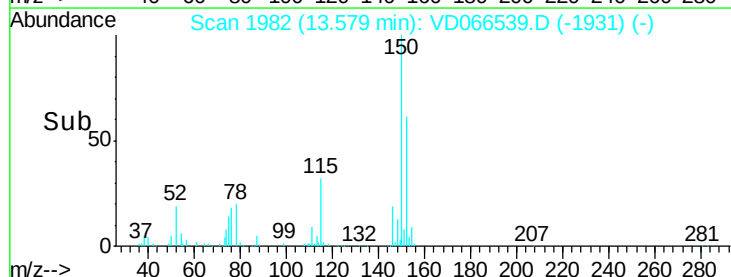
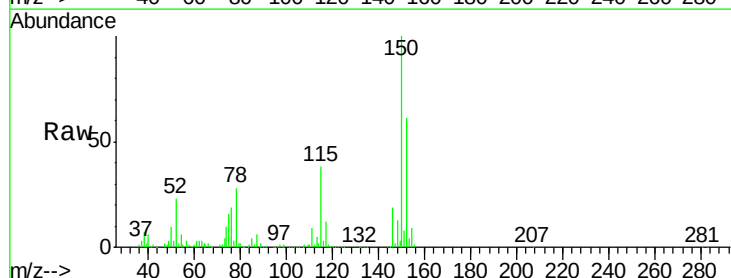
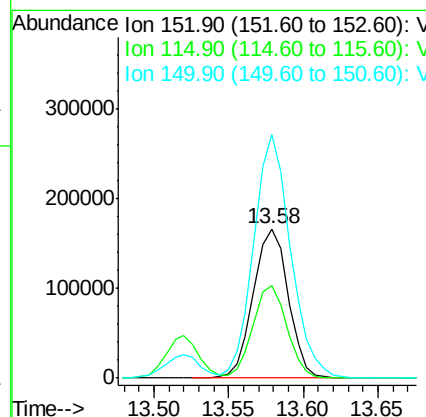
RT: 13.58 min Scan# 1982

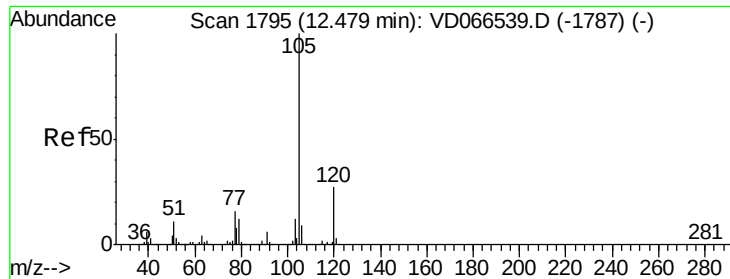
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion:	152	Resp:	269015
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.4	91.2
150	172.9	0.0	345.8





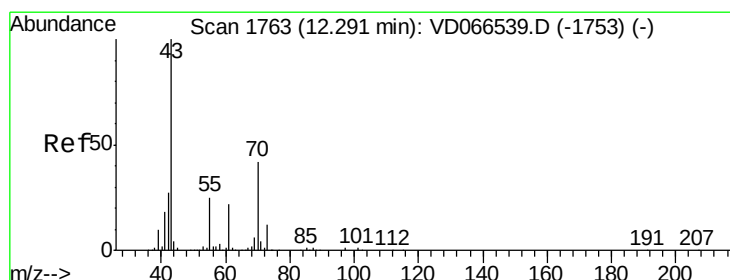
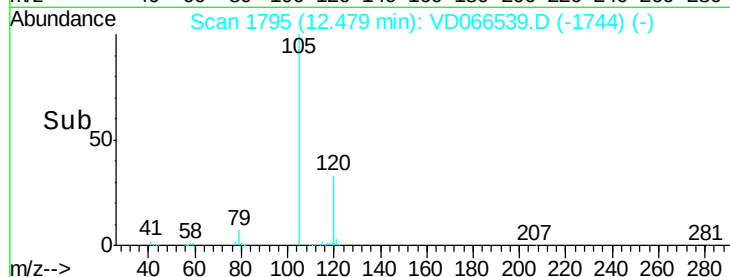
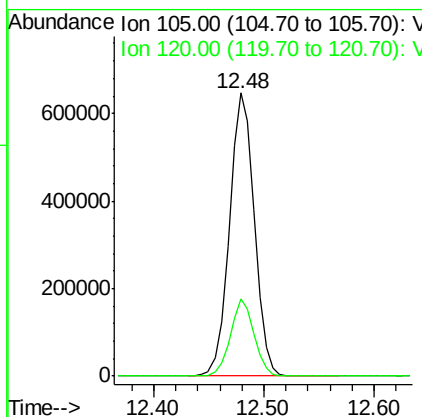
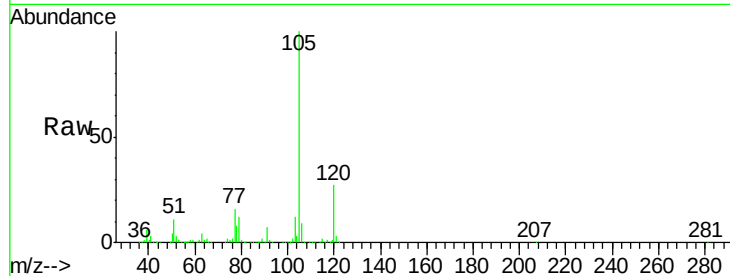
#73
Isopropylbenzene
Concen: 55.805 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 105 Resp: 1020765
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

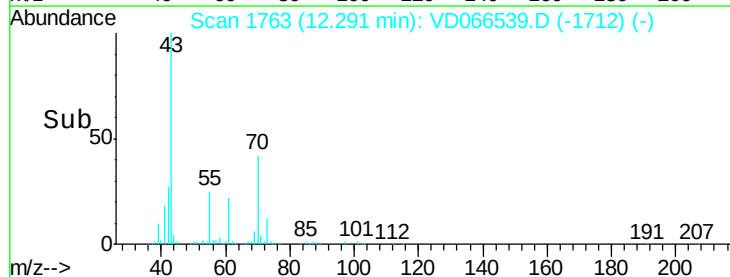
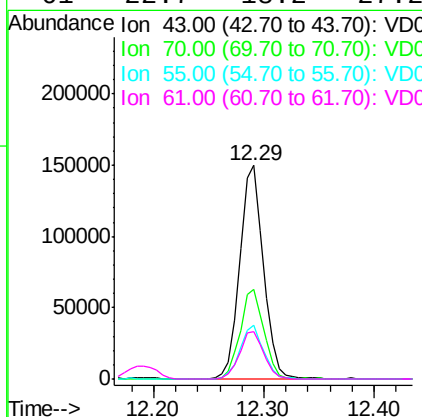
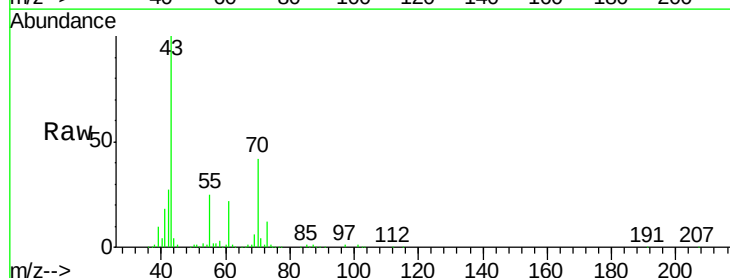
Manual Integrations
APPROVED

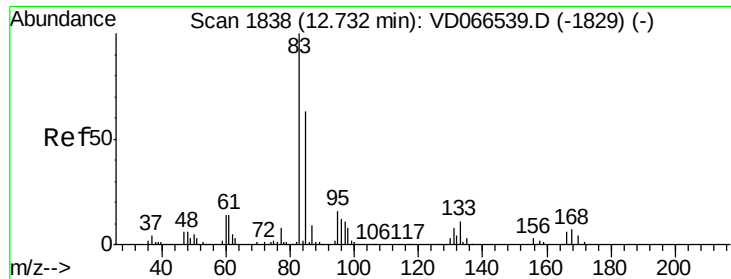
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9/4/2020 4:54:55 PM



#74
N-ethyl acetate
Concen: 75.379 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion: 43 Resp: 227011
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.2
55 25.1 20.1 30.1
61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 72.923 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

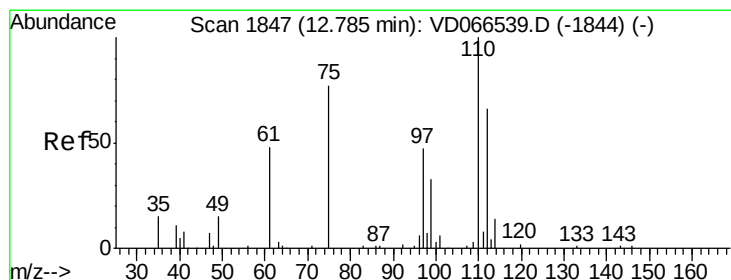
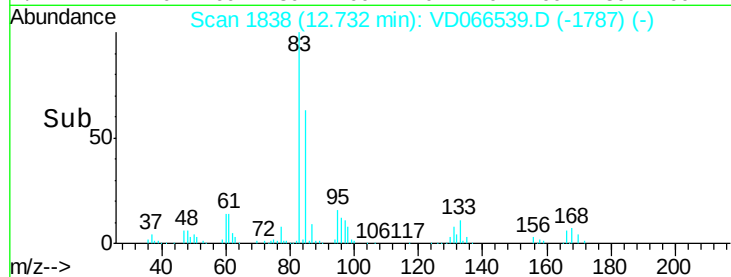
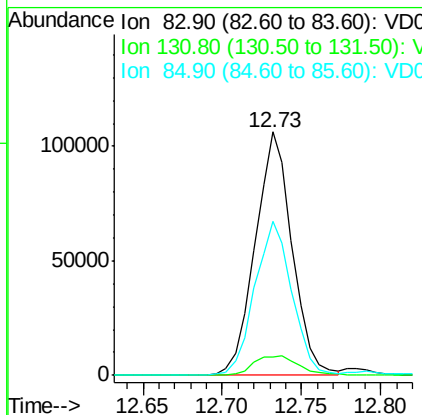
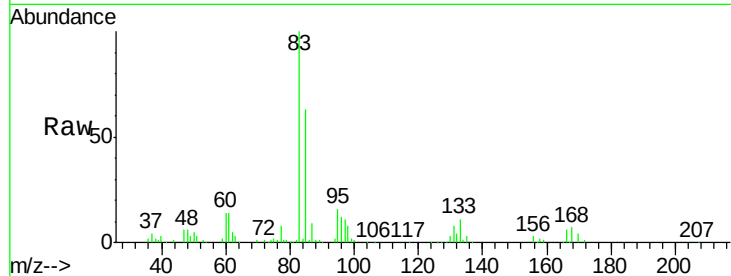
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	171683
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	64.2	32.1	96.3

Manual Integrations
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9/4/2020 4:54:55 PM



#76

1,2,3-Trichloropropane

Concen: 71.968 ug/l m

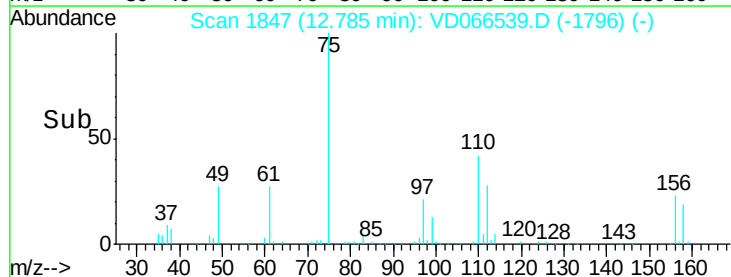
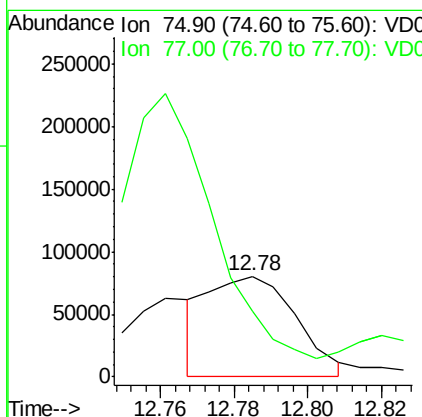
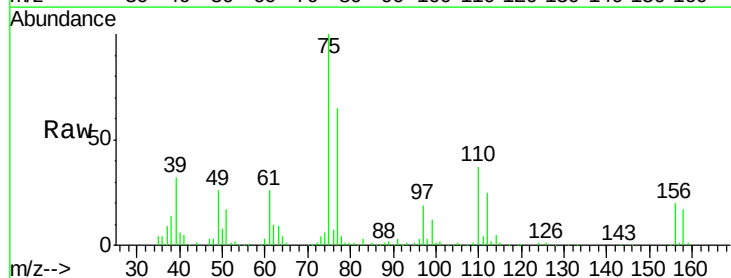
RT: 12.78 min Scan# 1847

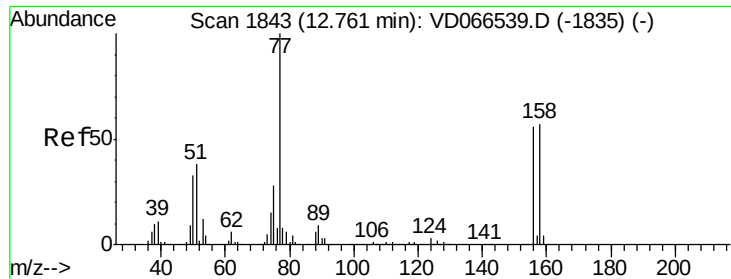
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion:	75	Resp:	134308
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





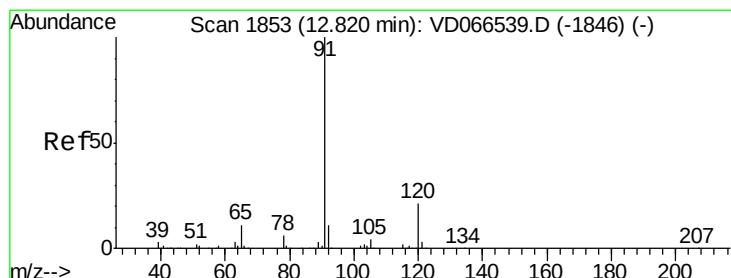
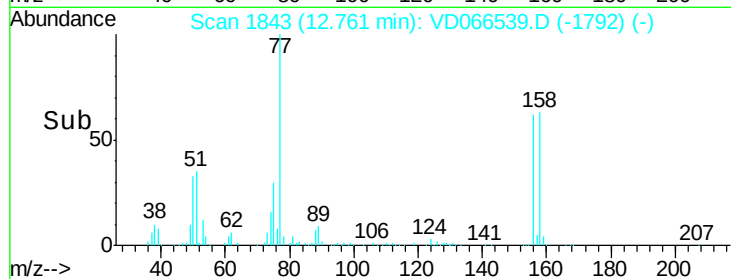
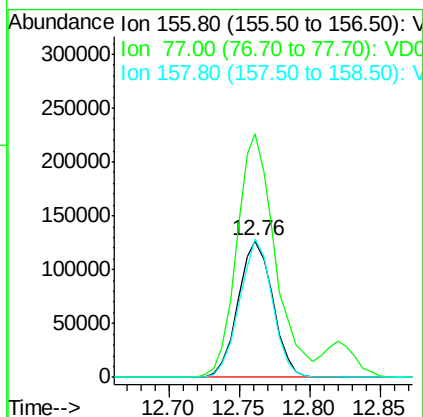
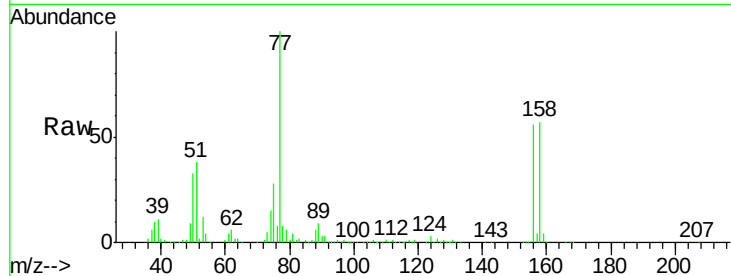
#77
Bromobenzene
Concen: 48.065 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.1	98.0	294.1
158	96.2	48.1	144.3

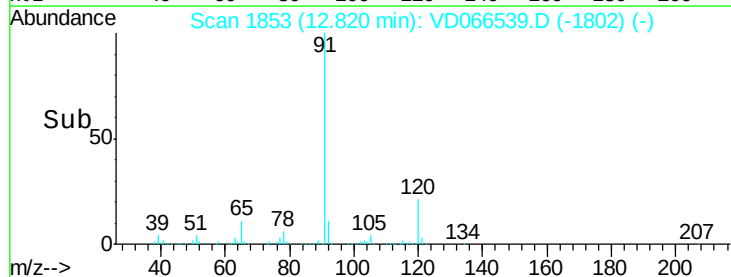
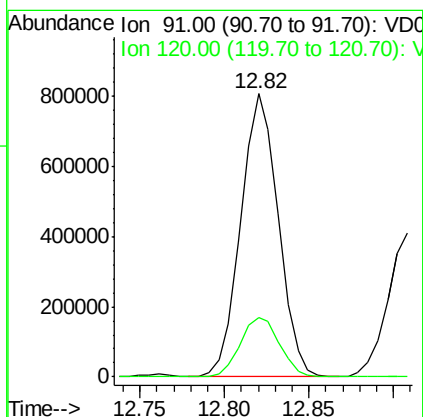
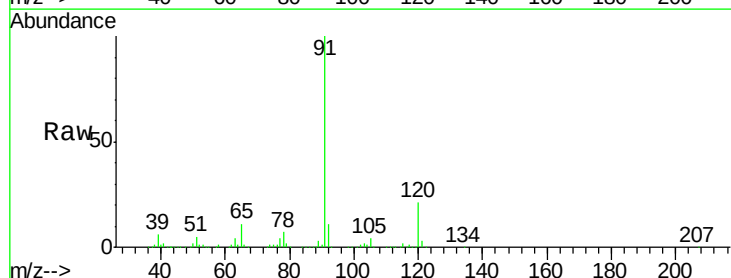
Manual Integrations
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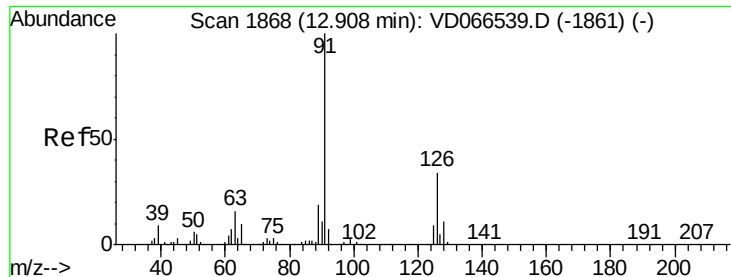
MMDadoda
9/4/2020 4:54:55 PM



#78
n-propylbenzene
Concen: 61.040 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





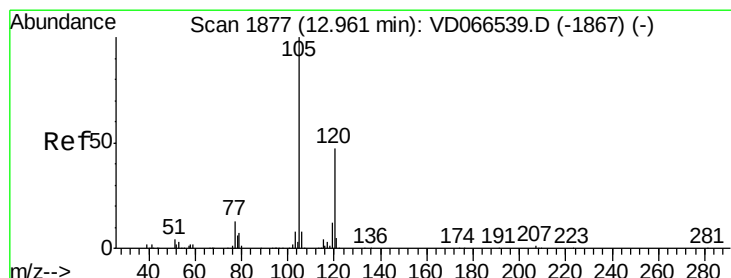
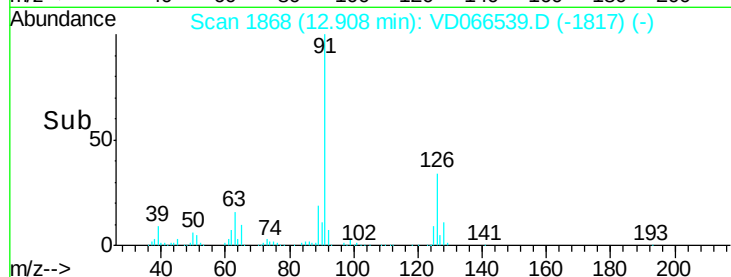
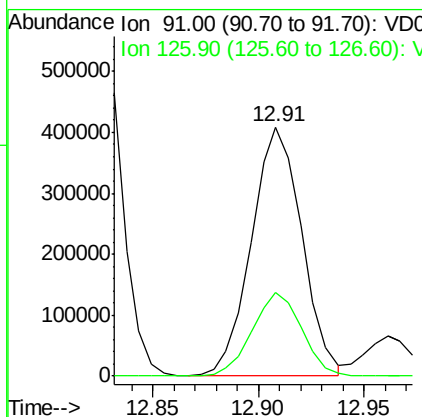
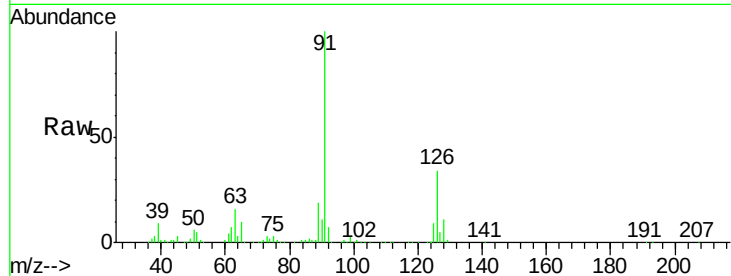
#79
 2-Chlorotoluene
 Concen: 58.102 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 678438
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4

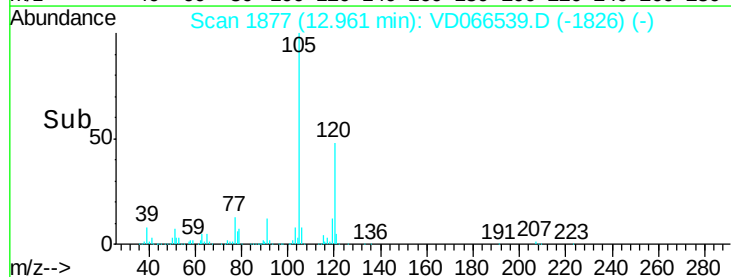
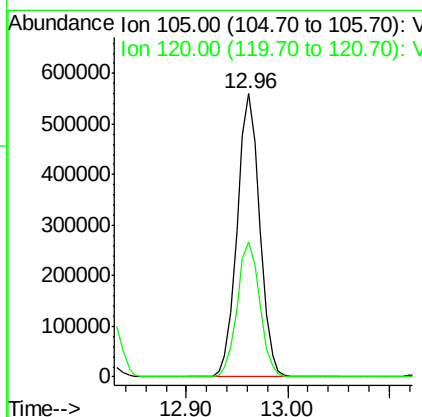
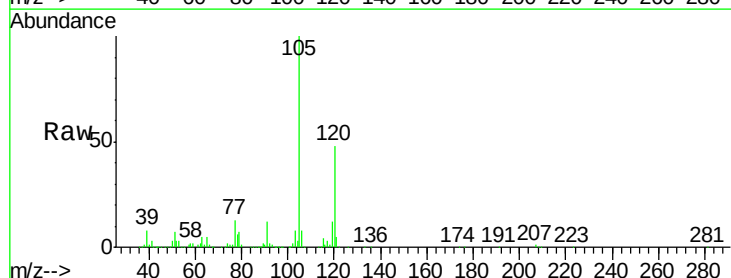
Manual Integrations
 APPROVED

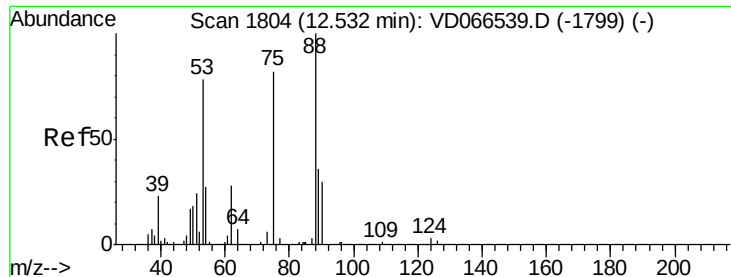
MMDadoda
 9/4/2020 4:54:55 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.442 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion: 105 Resp: 863690
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 64.934 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

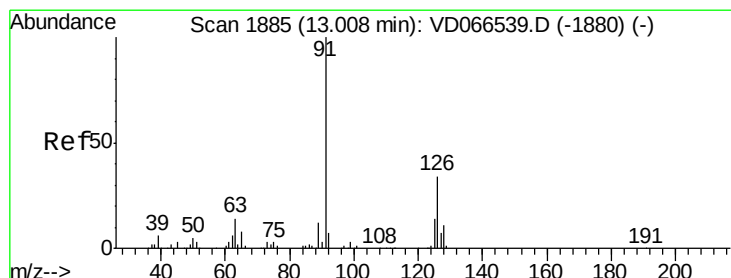
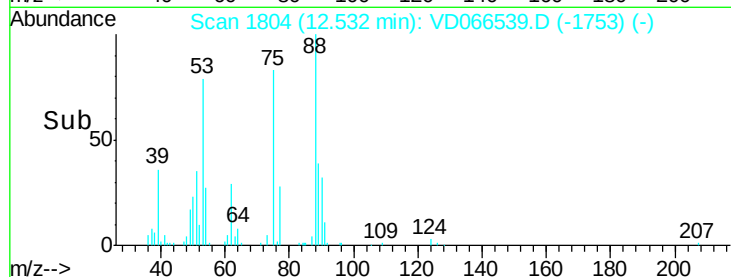
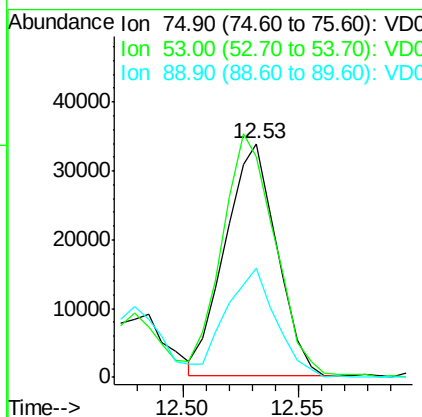
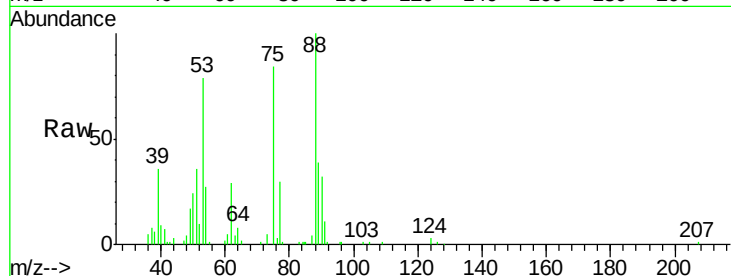
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	52412
Ion	Ratio	Lower	Upper
75	100		
53	108.7	87.0	130.4
89	46.4	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 57.568 ug/l

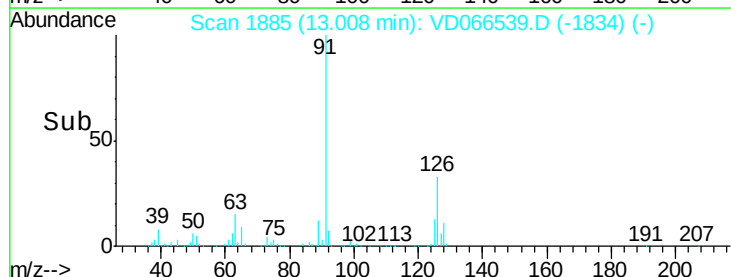
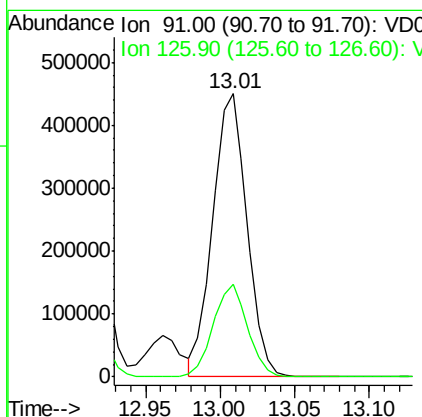
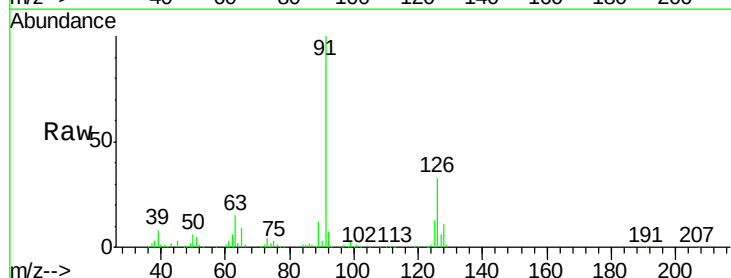
RT: 13.01 min Scan# 1885

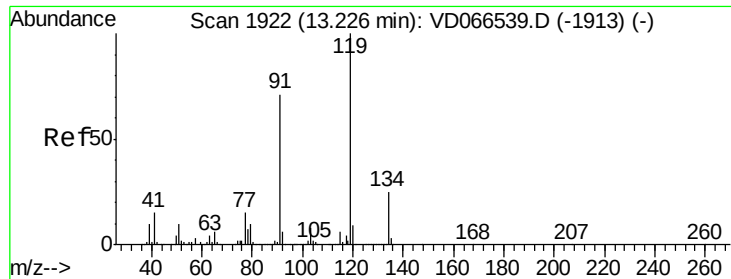
Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Tgt Ion:	91	Resp:	721773
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1





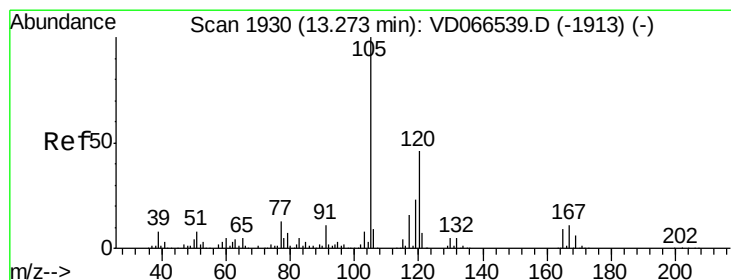
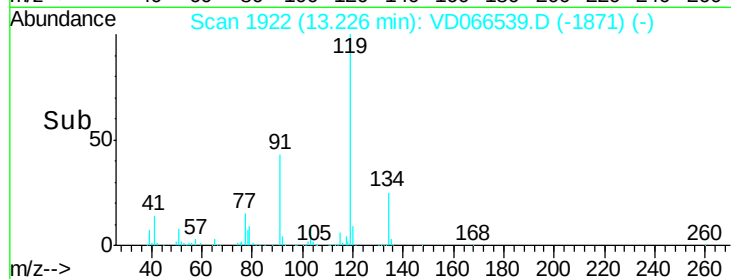
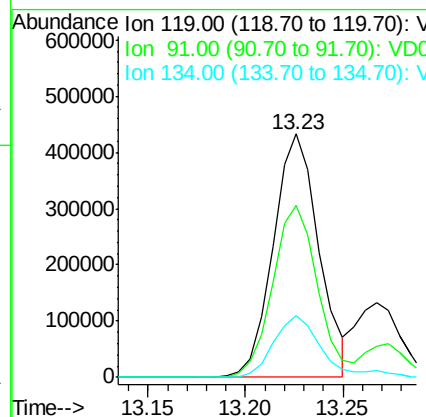
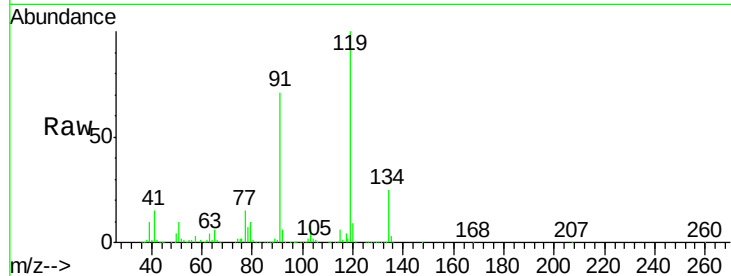
#83
 tert-Butylbenzene
 Concen: 50.846 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	35.2	105.6
134	27.0	13.5	40.5

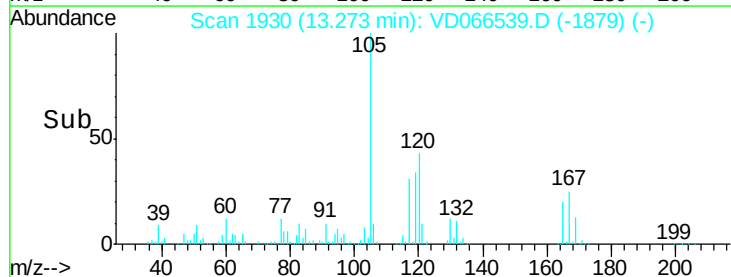
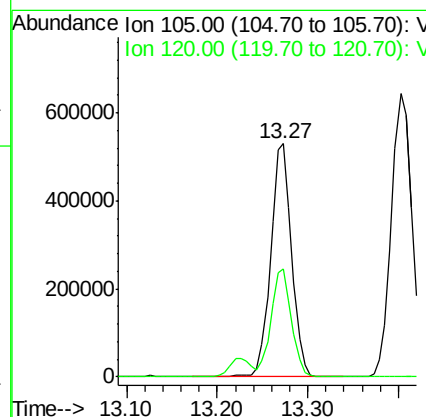
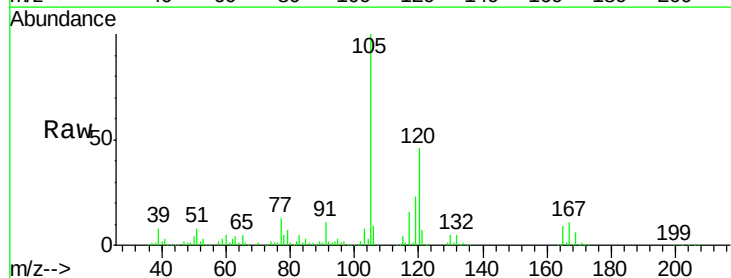
Manual Integrations
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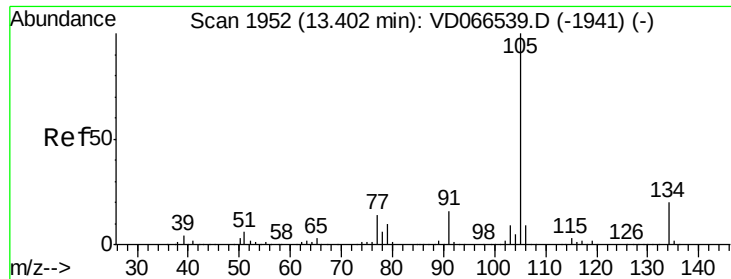
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.904 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 56.849 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1014026

Ion Ratio Lower Upper

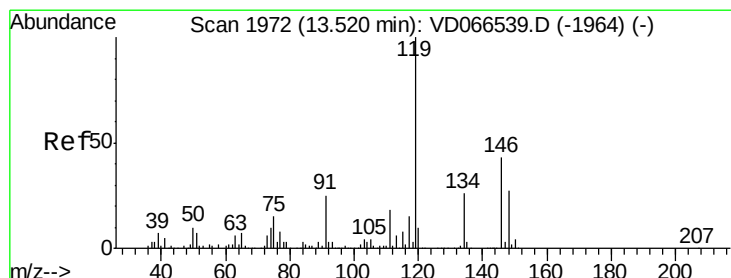
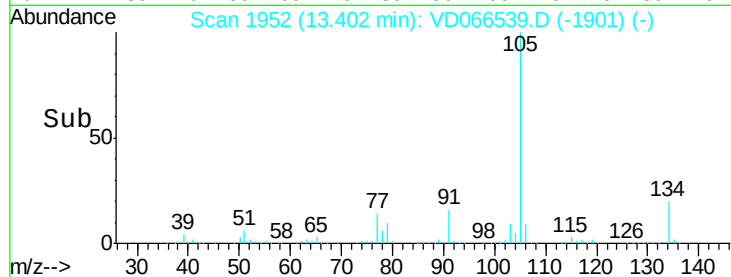
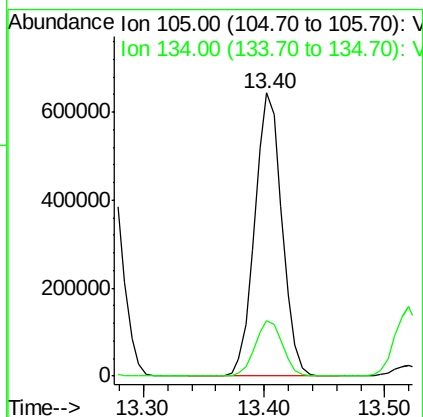
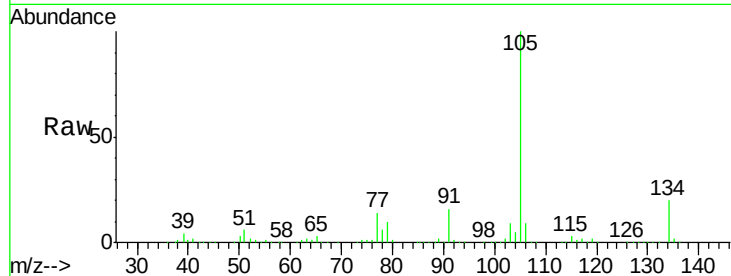
105 100

134 19.7 9.8 29.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.743 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066539.D

Acq: 03 Sep 2020 15:56

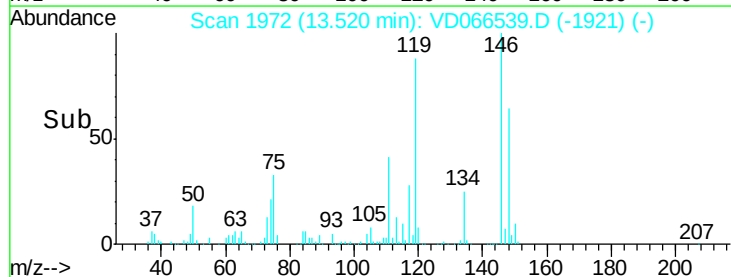
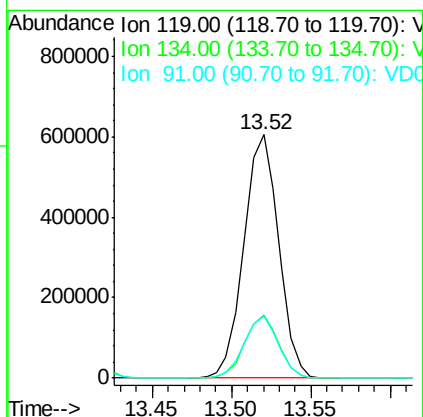
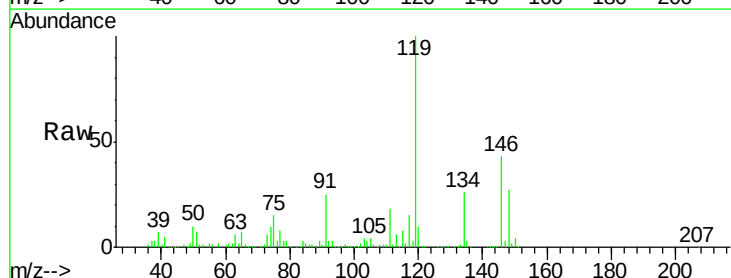
Tgt Ion:119 Resp: 923994

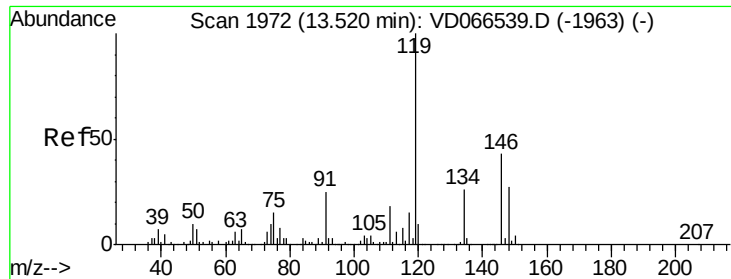
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 25.0 12.5 37.5





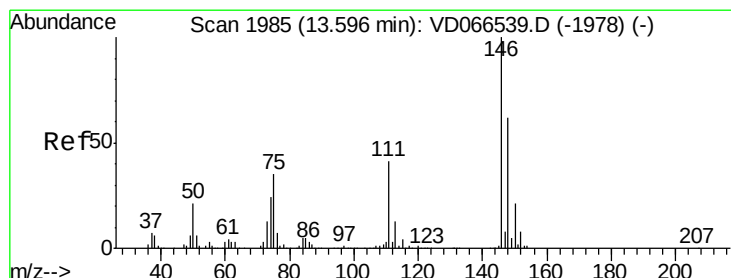
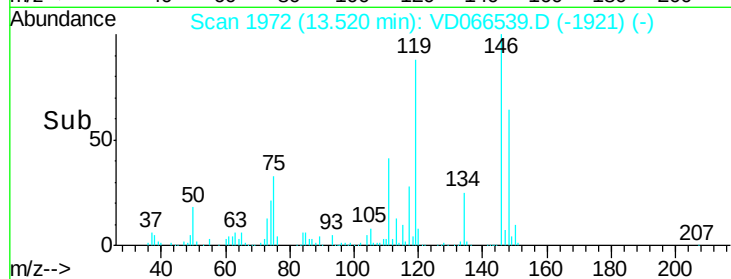
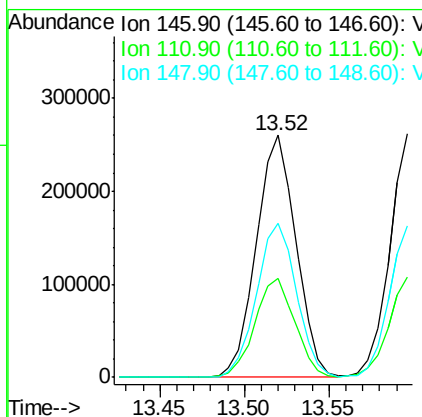
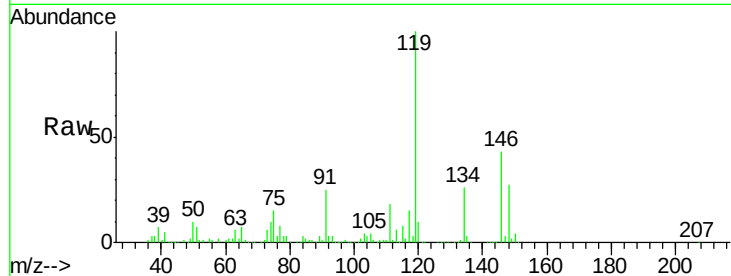
#87
 1,3-Dichlorobenzene
 Concen: 49.951 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	64.2	32.1	96.3

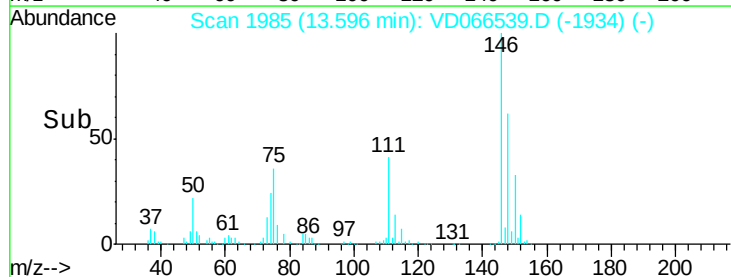
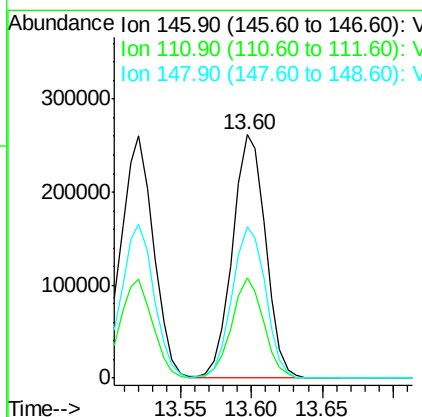
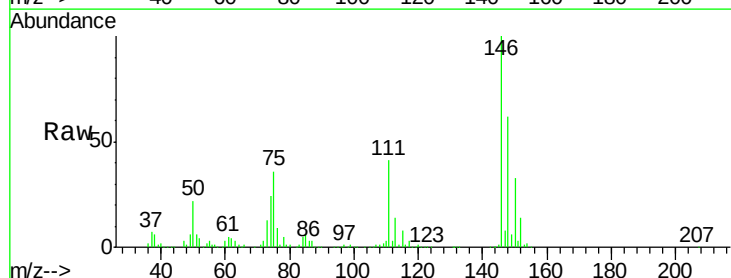
Manual Integrations
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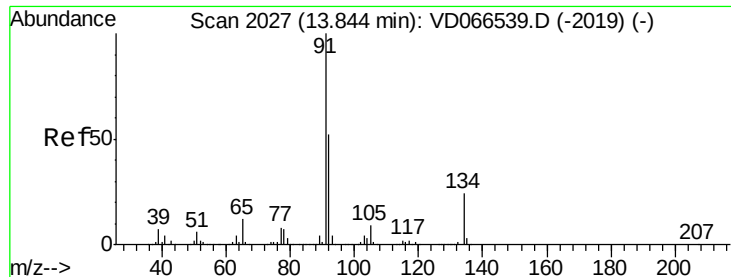
MMDadoda
 9/4/2020 4:54:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.068 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.2	31.6	94.8





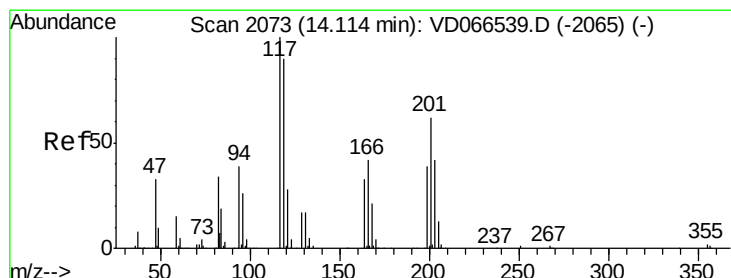
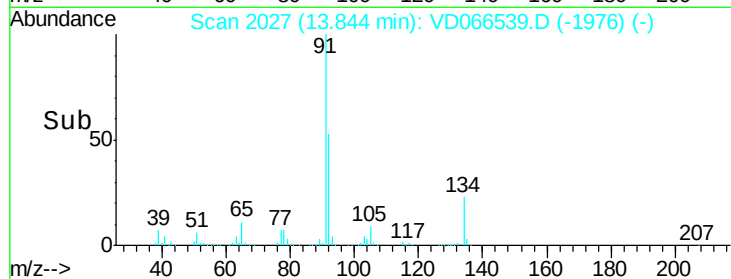
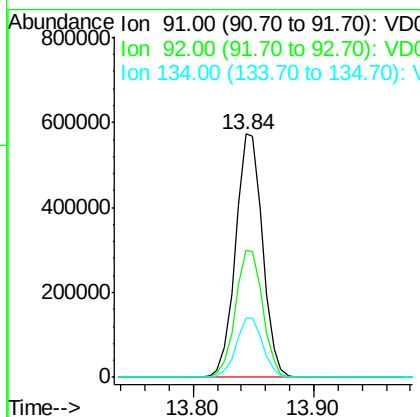
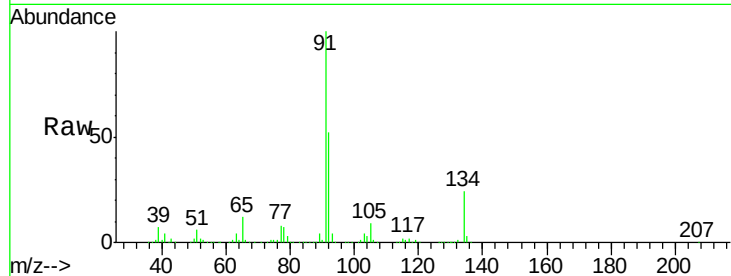
#89
n-Butylbenzene
Concen: 59.150 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	889463		
92	53.0		26.5	79.5
134	24.2		12.1	36.3

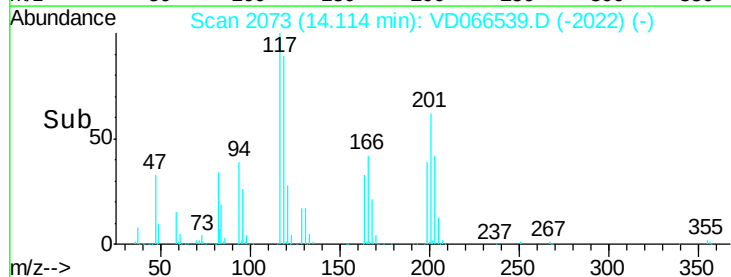
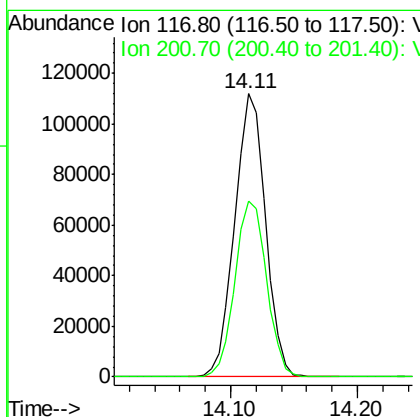
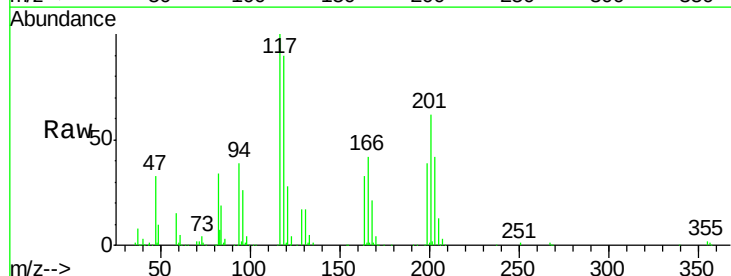
Manual Integrations
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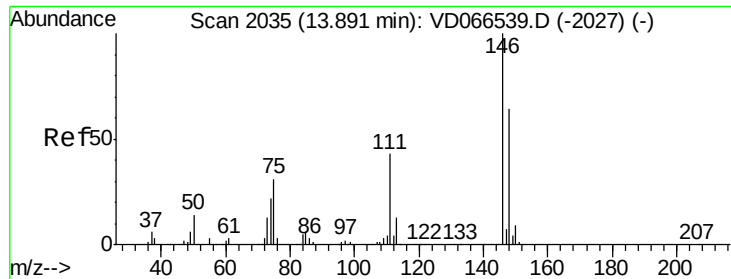
MMDadoda
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#90
Hexachloroethane
Concen: 58.141 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	188168		
201	63.7		31.9	95.5





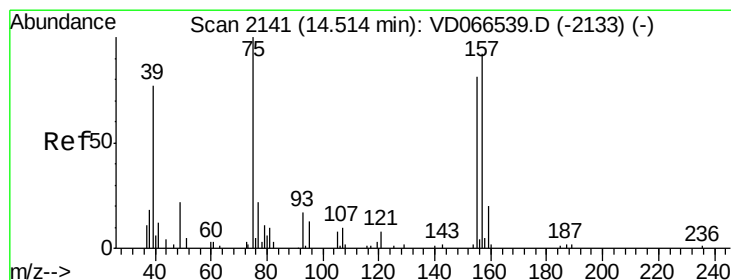
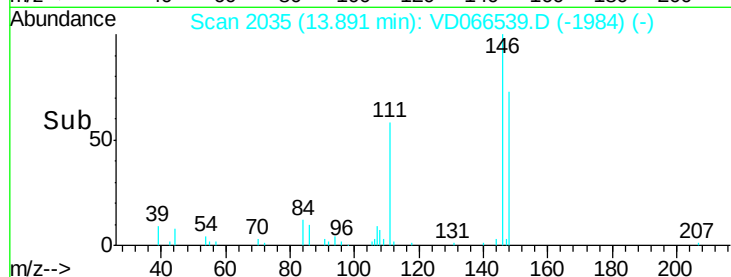
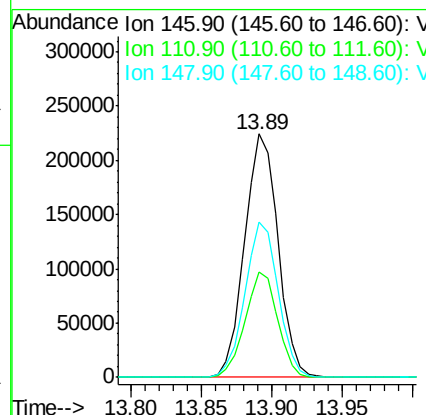
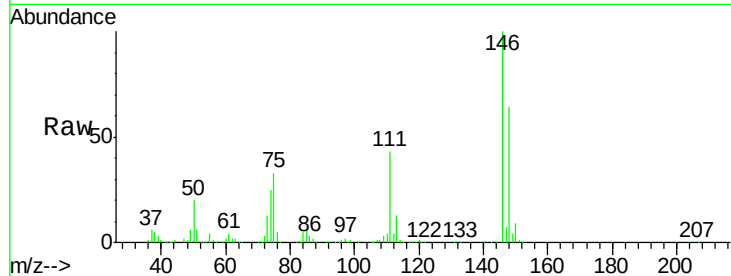
#91
 1,2-Dichlorobenzene
 Concen: 50.562 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	372357		
111	42.3	21.1	63.4	
148	63.5	31.8	95.3	

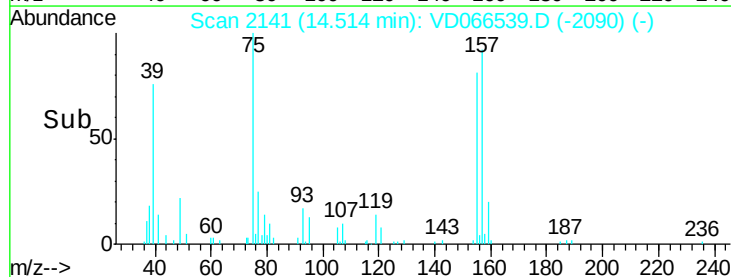
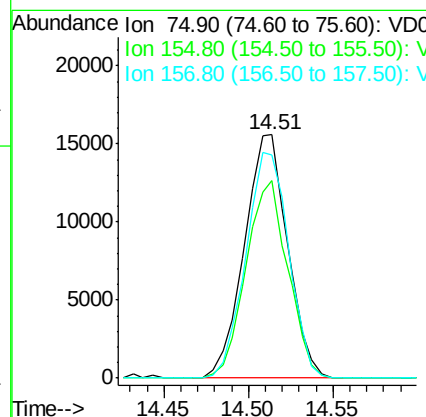
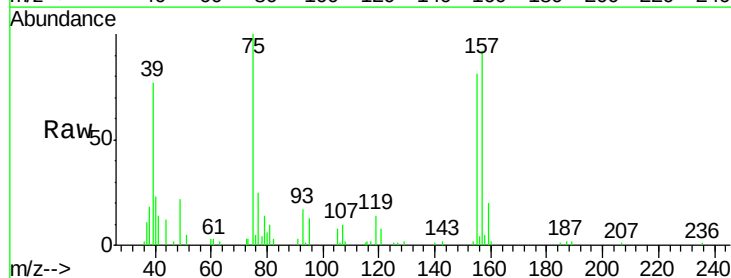
Manual Integrations
 APPROVED

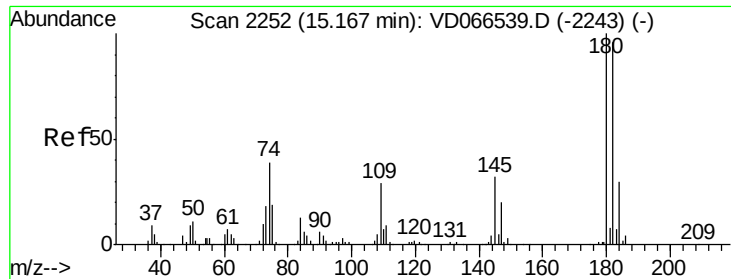
MMDadoda
 9/4/2020 4:54:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.469 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27804		
155	78.5	39.3	117.8	
157	91.9	46.0	137.8	





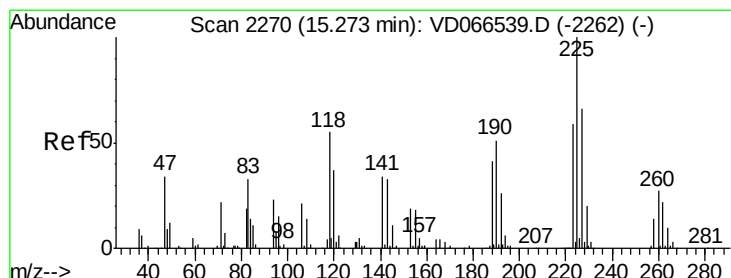
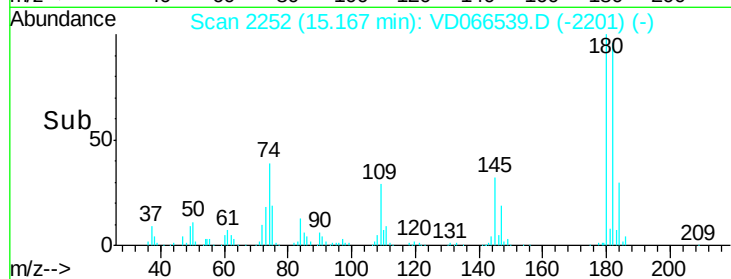
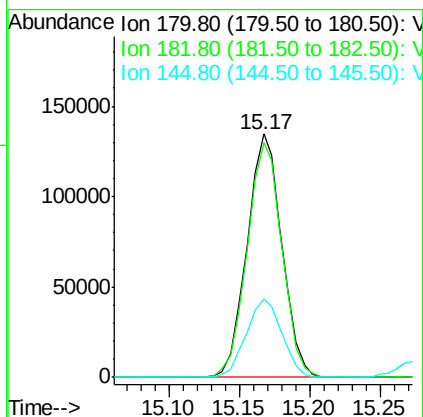
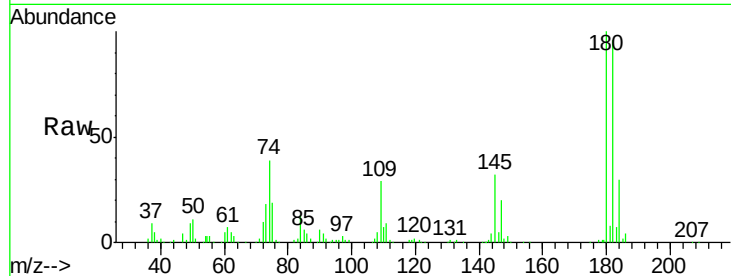
#93
 1,2,4-Trichlorobenzene
 Concen: 41.535 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	231956		
182	96.7	48.4	145.0	
145	33.3	16.7	50.0	

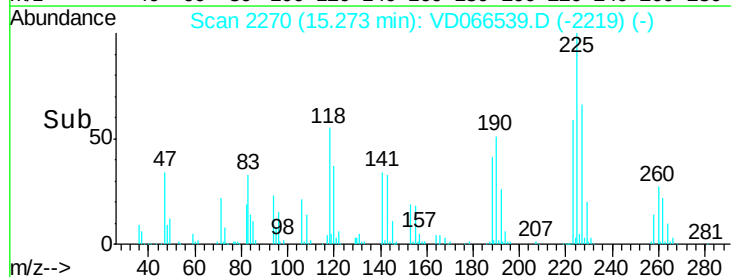
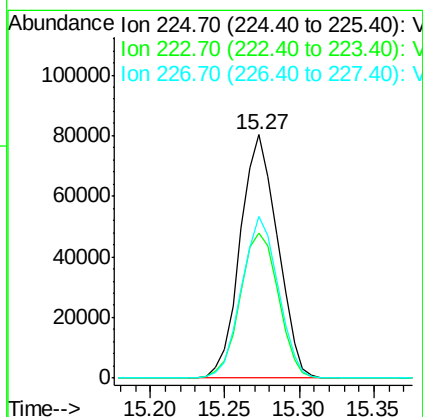
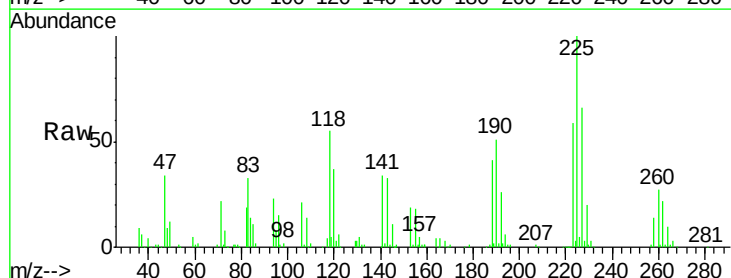
Manual Integrations
 APPROVED

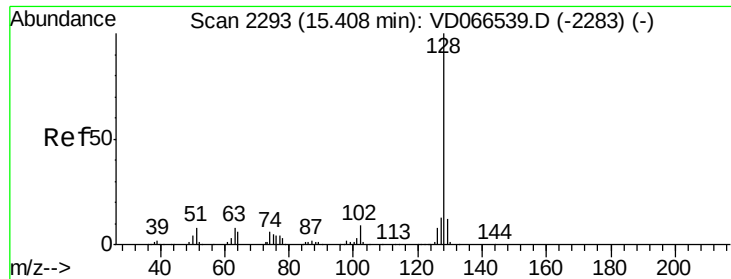
MMDadoda
 9/4/2020 4:54:55 PM



#94
 Hexachlorobutadiene
 Concen: 38.775 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066539.D
 Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138998		
223	61.0	30.5	91.5	
227	64.8	32.4	97.2	





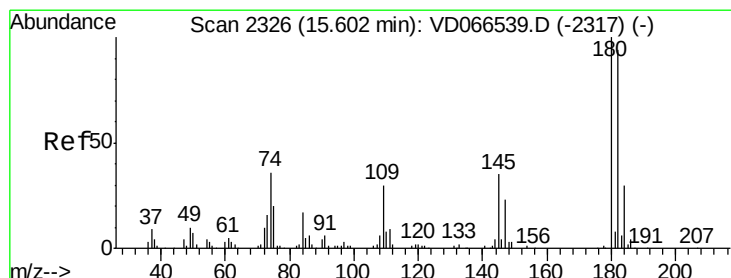
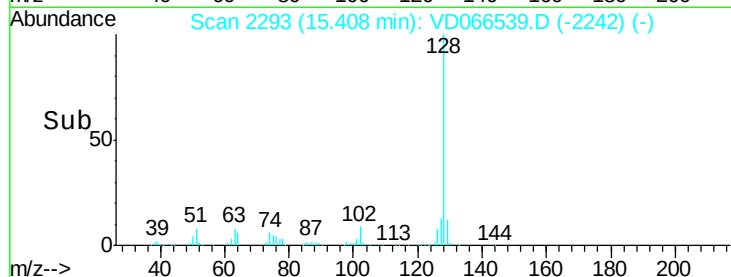
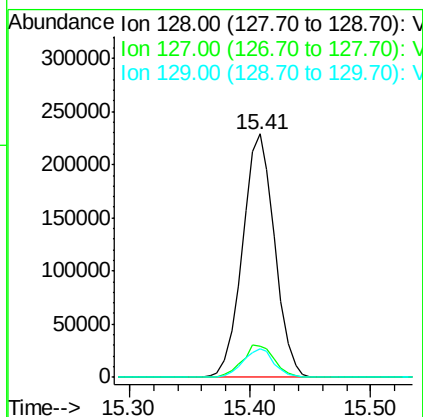
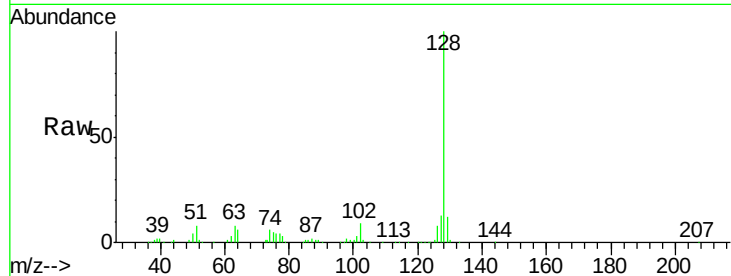
#95
Naphthalene
Concen: 47.367 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.4	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/4/2020 4:54:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 41.256 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066539.D
Acq: 03 Sep 2020 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	34.5	17.3	51.7

