

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066663.D
 Acq On : 11 Sep 2020 21:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:07:05 PM

Quant Time: Sep 12 02:18:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	328822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	566601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	533084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	251493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	216965	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
35) Dibromofluoromethane	7.91	113	202015	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.34	98	731550	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.63	95	247924	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121630	44.349	ug/l	92
3) Chloromethane	2.21	50	177070	42.581	ug/l	100
4) Vinyl Chloride	2.35	62	185687	40.260	ug/l	93
5) Bromomethane	2.77	94	145324	49.823	ug/l	83
6) Chloroethane	2.92	64	122409	41.785	ug/l	100
7) Trichlorofluoromethane	3.27	101	304827	44.739	ug/l	99
8) Diethyl Ether	3.71	74	85027	49.558	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	167251	45.356	ug/l	98
10) Methyl Iodide	4.30	142	152991	45.848	ug/l	100
11) Tert butyl alcohol	5.22	59	56113	220.055	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	154720	46.702	ug/l	96
13) Acrolein	3.93	56	44487	273.477	ug/l	100
14) Allyl chloride	4.72	41	276271	50.884	ug/l	97
15) Acrylonitrile	5.42	53	197546	268.029	ug/l	96
16) Acetone	4.15	43	180370	246.400	ug/l	98
17) Carbon Disulfide	4.41	76	499289	45.844	ug/l	97
18) Methyl Acetate	4.72	43	94732	54.288	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	409989	52.773	ug/l	99
20) Methylene Chloride	4.97	84	219926	55.911	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	195906	49.797	ug/l	99
22) Diisopropyl ether	6.36	45	617748	55.328	ug/l	98
23) Vinyl Acetate	6.30	43	1707856	268.793	ug/l	99
24) 1,1-Dichloroethane	6.27	63	356747	50.809	ug/l	97
25) 2-Butanone	7.21	43	256696	261.227	ug/l	99
26) 2,2-Dichloropropane	7.21	77	288638	44.816	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	226873	53.627	ug/l	97
28) Bromochloromethane	7.54	49	153433	56.761	ug/l	99
29) Tetrahydrofuran	7.56	42	164653	269.045	ug/l	98
30) Chloroform	7.71	83	387135	52.118	ug/l	97
31) Cyclohexane	7.98	56	288394	44.434	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	341050	48.834	ug/l	98
36) 1,1-Dichloropropene	8.11	75	274813	46.605	ug/l	100
37) Ethyl Acetate	7.29	43	122135	52.016	ug/l	97
38) Carbon Tetrachloride	8.09	117	292735	46.968	ug/l	92

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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	310608	47.173	ug/l	98
40) Benzene	8.35	78	797410	49.377	ug/l	99
41) Methacrylonitrile	7.53	41	53762m	47.302	ug/l	
42) 1,2-Dichloroethane	8.42	62	256462	49.013	ug/l	100
43) Isopropyl Acetate	8.44	43	225365	50.085	ug/l	98
44) Trichloroethene	9.11	130	209084	49.357	ug/l	95
45) 1,2-Dichloropropane	9.38	63	205750	50.661	ug/l	95
46) Dibromomethane	9.47	93	113582	50.691	ug/l	98
47) Bromodichloromethane	9.66	83	310717	51.255	ug/l	97
48) Methyl methacrylate	9.45	41	111382	48.953	ug/l	97
49) 1,4-Dioxane	9.46	88	22568	918.078	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	602166	265.351	ug/l	100
52) Toluene	10.40	92	523947	51.253	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	274545	51.302	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	324626	50.513	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	149421	51.865	ug/l	95
56) Ethyl methacrylate	10.66	69	181996	54.256	ug/l	98
57) 1,3-Dichloropropane	10.94	76	262219	51.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	422909	275.640	ug/l	100
59) 2-Hexanone	10.98	43	413570	271.003	ug/l	100
60) Dibromochloromethane	11.14	129	197769	51.913	ug/l	99
61) 1,2-Dibromoethane	11.24	107	144918	51.704	ug/l	99
64) Tetrachloroethene	10.87	164	266147	74.151	ug/l	96
65) Chlorobenzene	11.67	112	546306	49.653	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	203608	48.488	ug/l	97
67) Ethyl Benzene	11.74	91	986573	48.834	ug/l	99
68) m/p-Xylenes	11.85	106	753805	100.490	ug/l	100
69) o-Xylene	12.18	106	346058	51.477	ug/l	99
70) Styrene	12.20	104	608142	52.034	ug/l	99
71) Bromoform	12.36	173	104234	49.255	ug/l #	98
73) Isopropylbenzene	12.48	105	947937	50.909	ug/l	99
74) N-amyl acetate	12.29	43	209727	49.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	163023	49.557	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	125297m	51.804	ug/l	
77) Bromobenzene	12.76	156	211092	50.850	ug/l	98
78) n-propylbenzene	12.82	91	1119280	49.586	ug/l	100
79) 2-Chlorotoluene	12.91	91	636362	50.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	787141	50.226	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	50401	48.650	ug/l	96
82) 4-Chlorotoluene	13.00	91	672362	49.652	ug/l	99
83) tert-Butylbenzene	13.23	119	644953	50.395	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	778622	49.901	ug/l	100
85) sec-Butylbenzene	13.40	105	897054	48.651	ug/l	100
86) p-Isopropyltoluene	13.52	119	822895	49.584	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	407653	49.464	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	393819	47.610	ug/l	99
89) n-Butylbenzene	13.84	91	777191	48.057	ug/l	99
90) Hexachloroethane	14.11	117	172759	48.312	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	348764	48.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26525	47.467	ug/l	97

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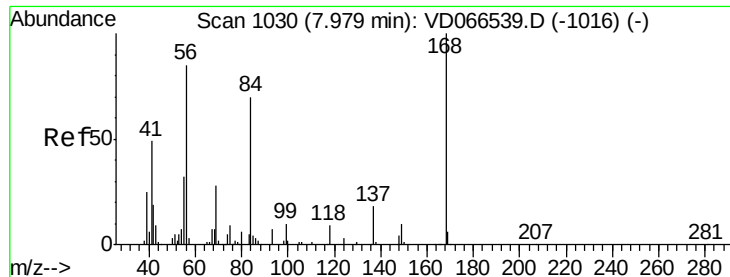
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	215023	49.737	ug/l	96
94) Hexachlorobutadiene	15.27	225	119866	46.152	ug/l	97
95) Naphthalene	15.41	128	411327	54.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	189160	51.322	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 328822

Ion Ratio Lower Upper

168 100

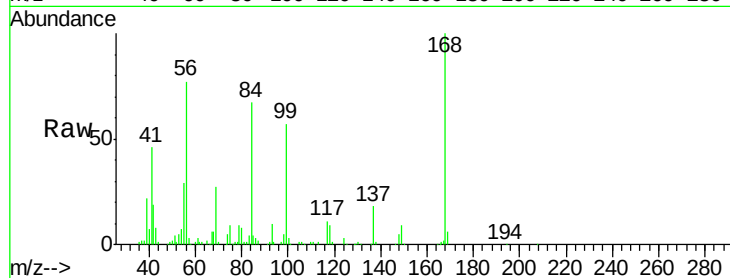
99 56.3 50.5 75.7

Manual Integrations

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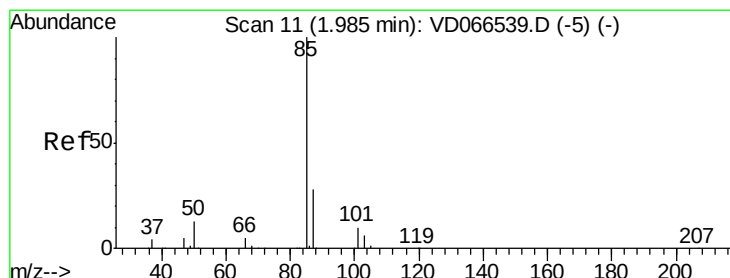
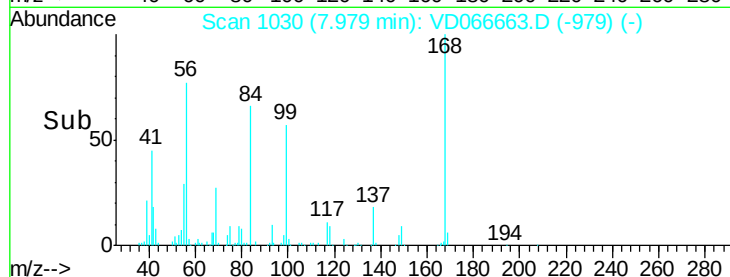
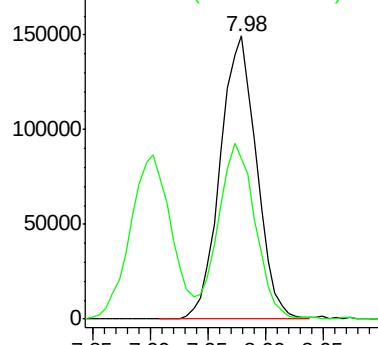
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.349 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066663.D

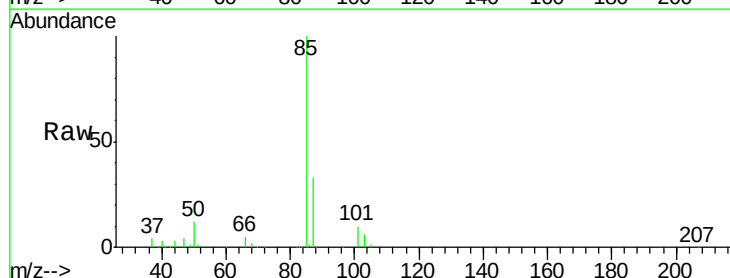
Acq: 11 Sep 2020 21:58

Tgt Ion: 85 Resp: 121630

Ion Ratio Lower Upper

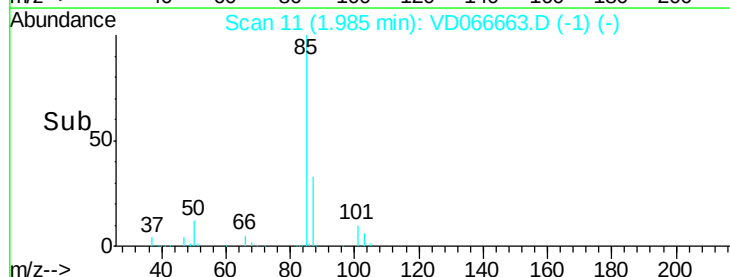
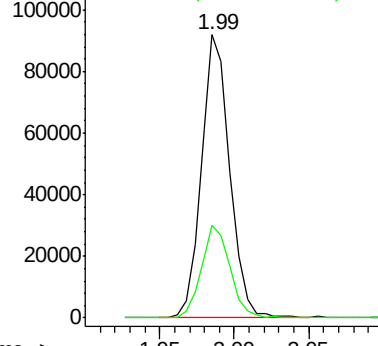
85 100

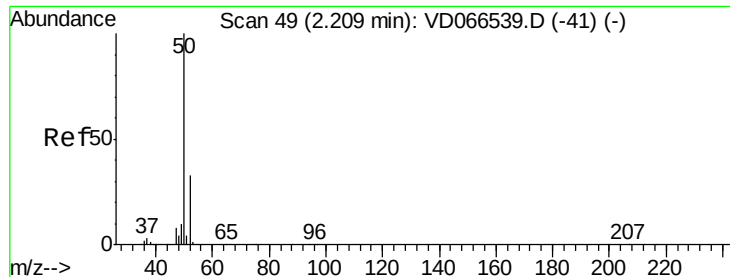
87 32.6 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.581 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 177070

Ion Ratio Lower Upper

50 100

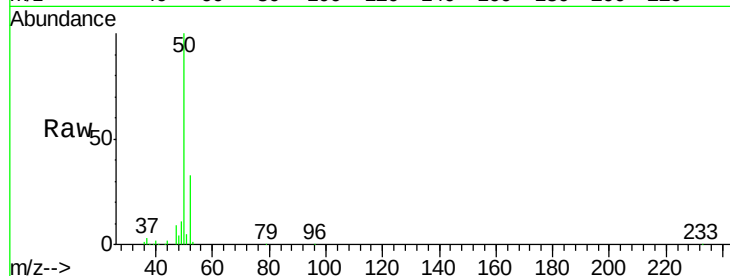
52 32.8 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

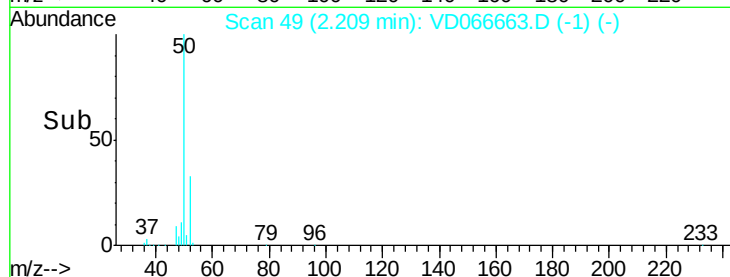
150000

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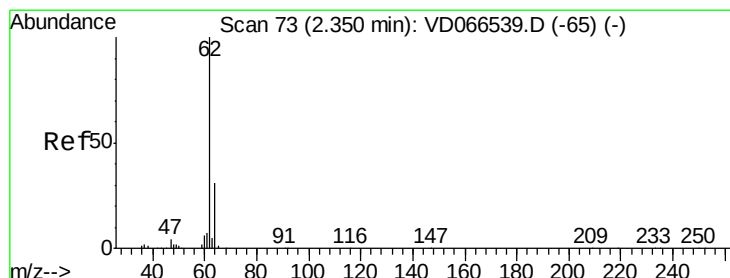
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 40.260 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066663.D

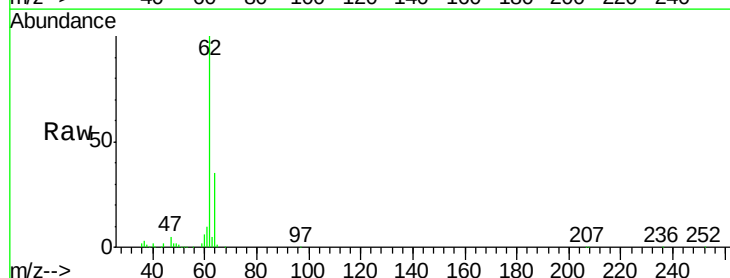
Acq: 11 Sep 2020 21:58

Tgt Ion: 62 Resp: 185687

Ion Ratio Lower Upper

62 100

64 35.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

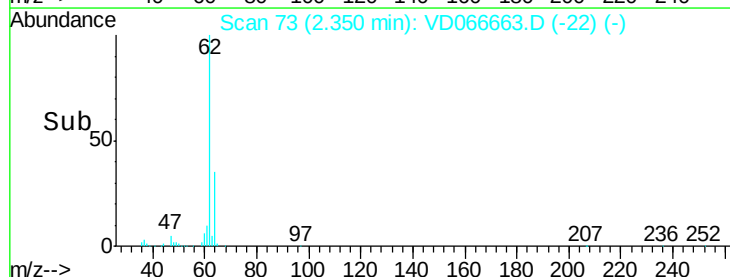
Ion 63.90 (63.60 to 64.60): VDC

100000

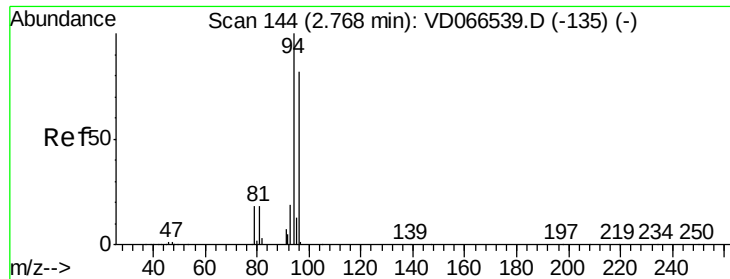
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 49.823 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 145324

Ion Ratio Lower Upper

94 100

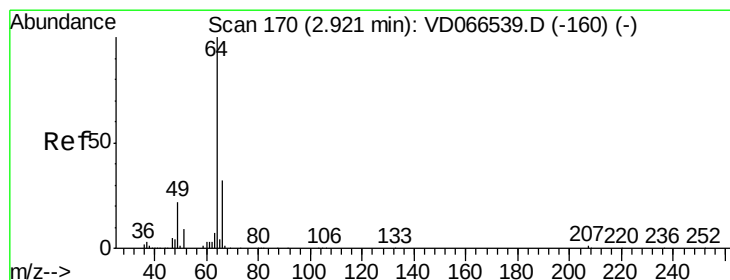
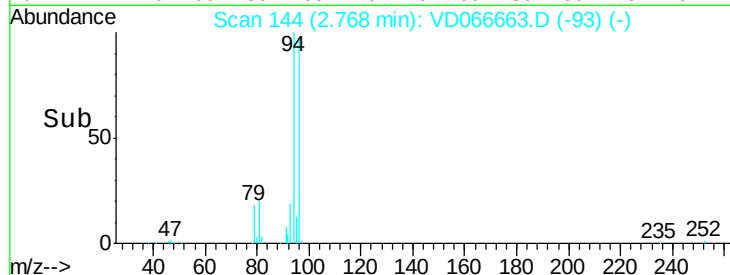
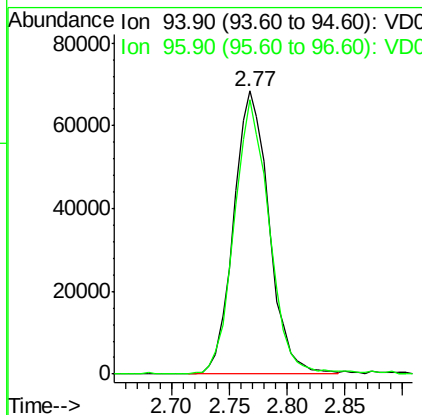
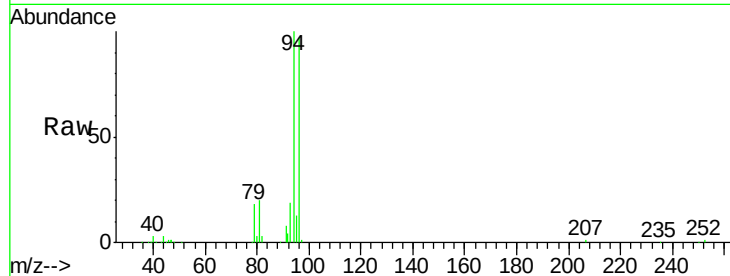
96 96.8 65.2 97.8

Manual Integrations

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#6

Chloroethane

Concen: 41.785 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066663.D

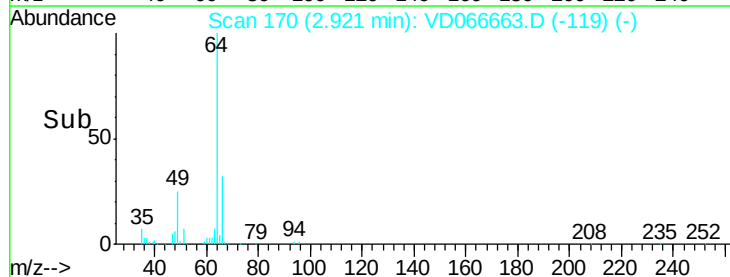
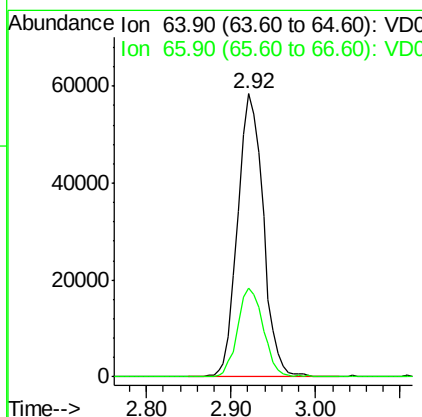
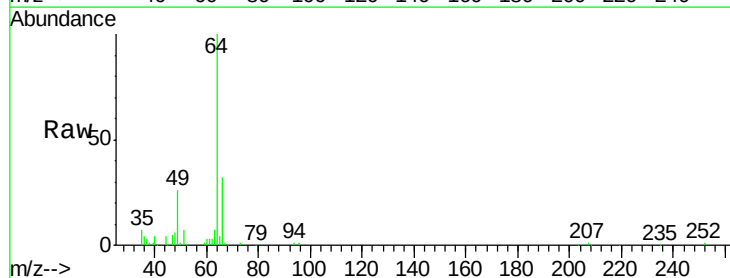
Acq: 11 Sep 2020 21:58

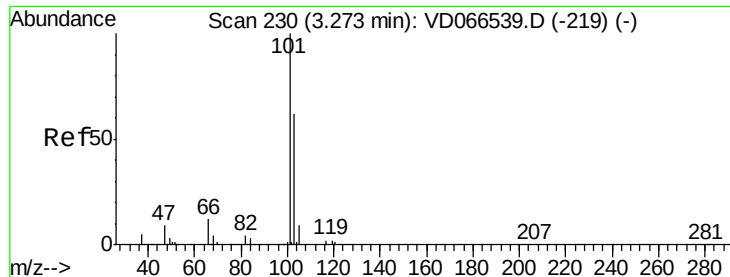
Tgt Ion: 64 Resp: 122409

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0





#7

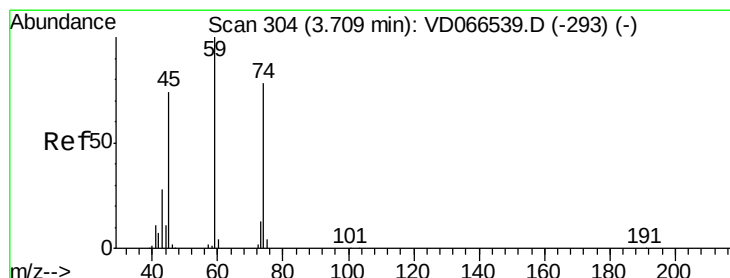
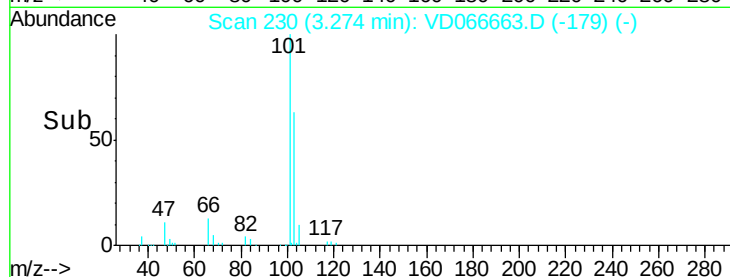
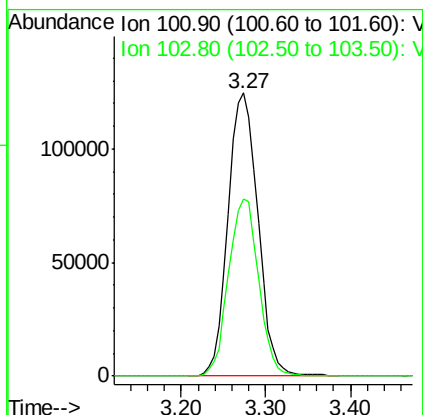
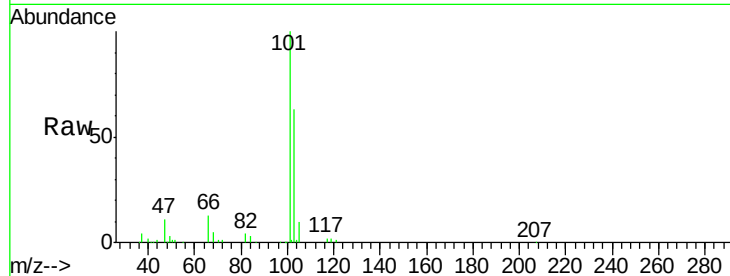
Trichlorofluoromethane
 Concen: 44.739 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	49.7	74.5

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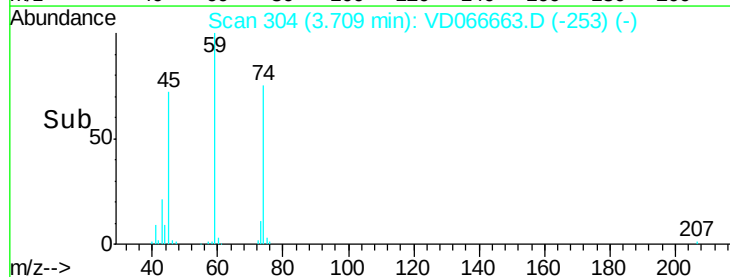
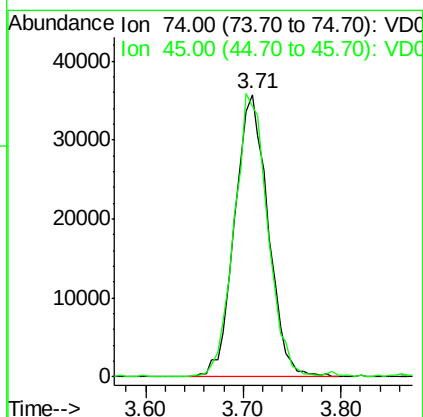
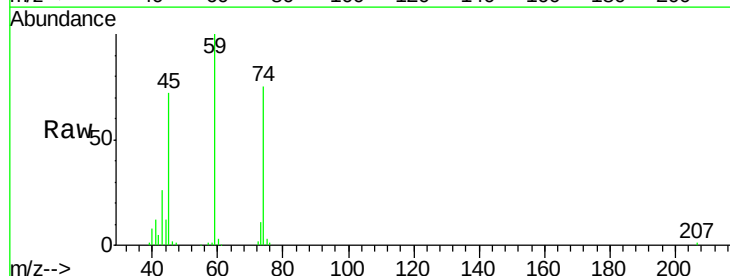
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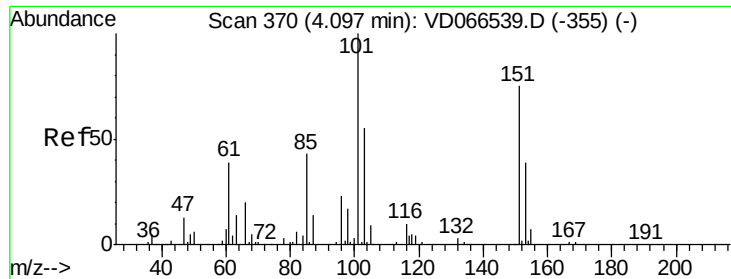


#8

Diethyl Ether
 Concen: 49.558 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.356 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

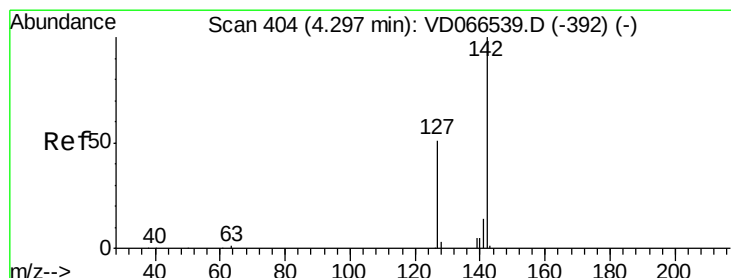
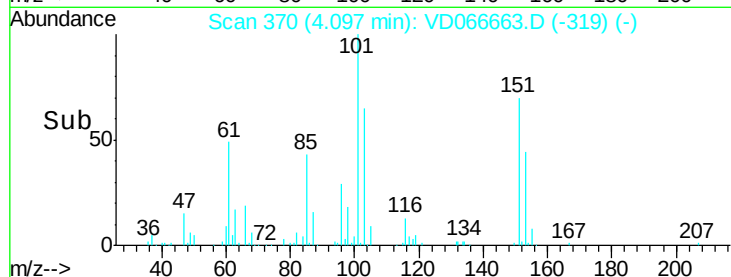
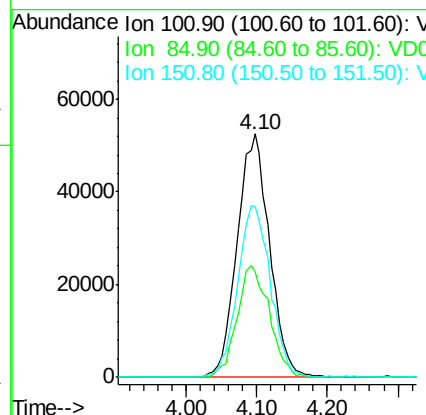
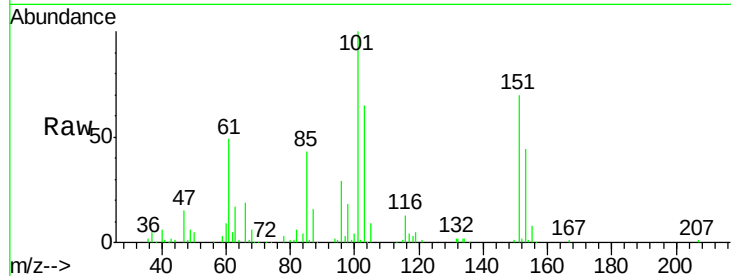
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	167251
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.0	55.6
151	71.6	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 45.848 ug/l

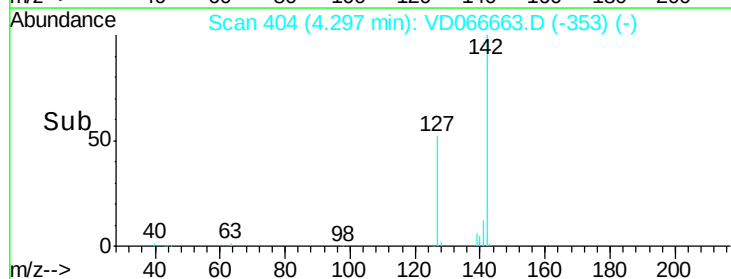
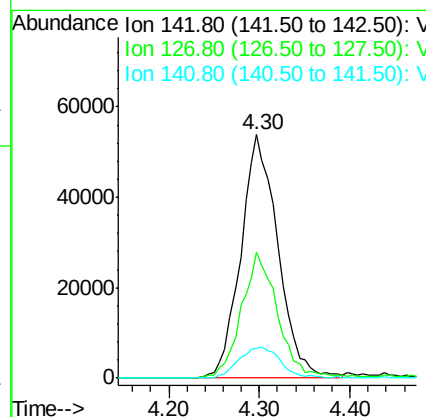
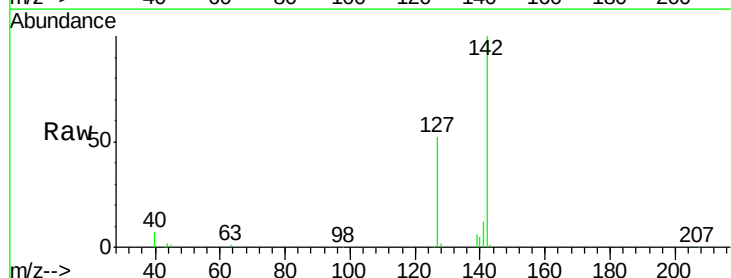
RT: 4.30 min Scan# 404

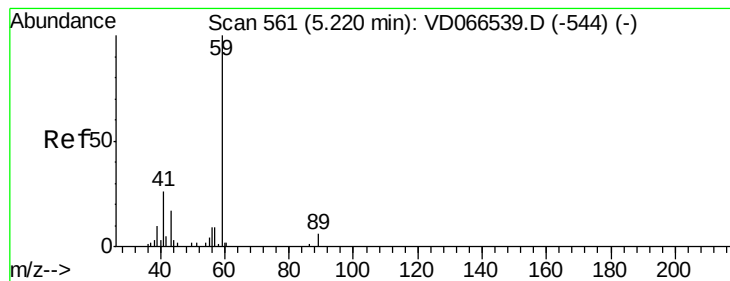
Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion:	142	Resp:	152991
Ion Ratio	Lower	Upper	
142	100		
127	50.8	40.6	61.0
141	14.6	12.2	18.4





#11

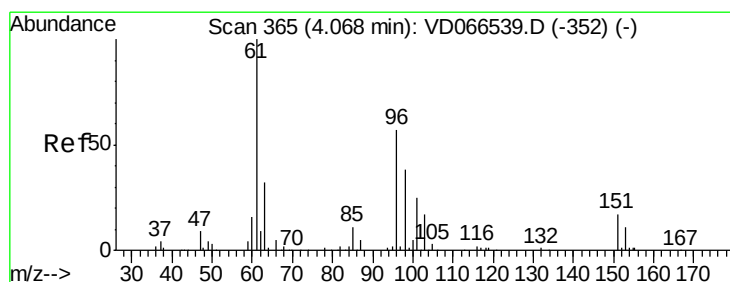
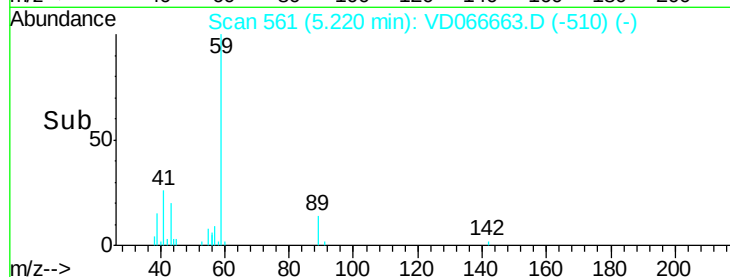
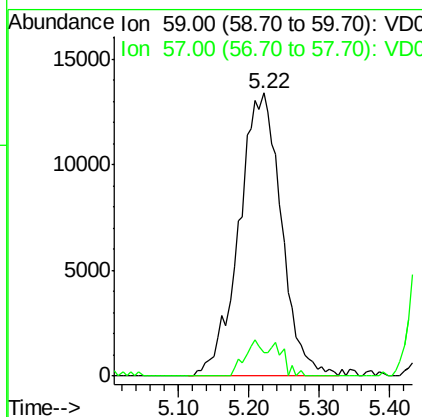
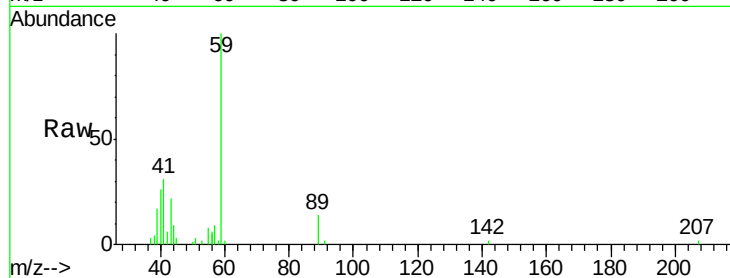
Tert butyl alcohol
 Concen: 220.055 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	56113		
57	6.2		7.6	11.4#

Manual Integrations
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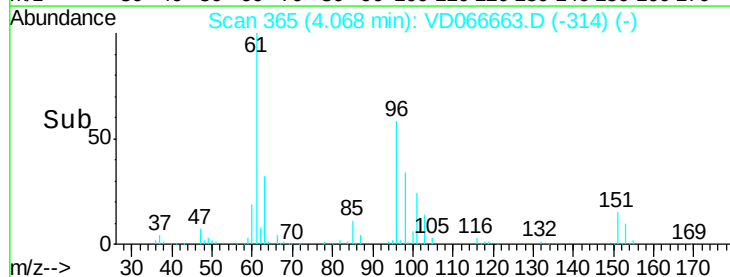
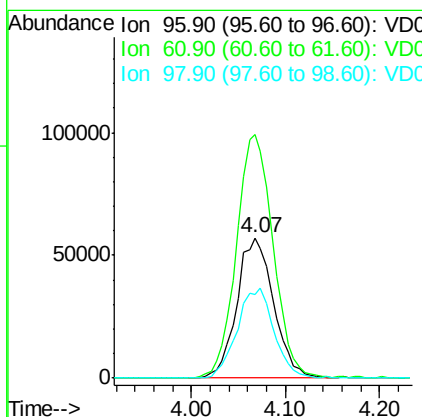
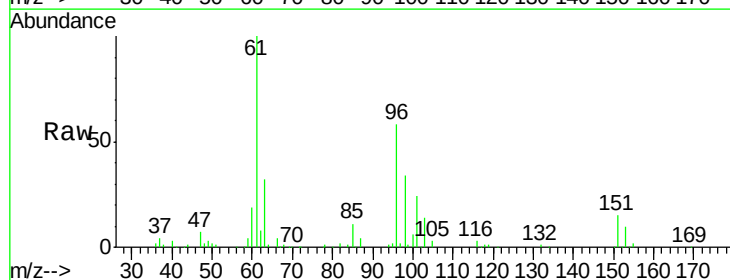
MMDadoda
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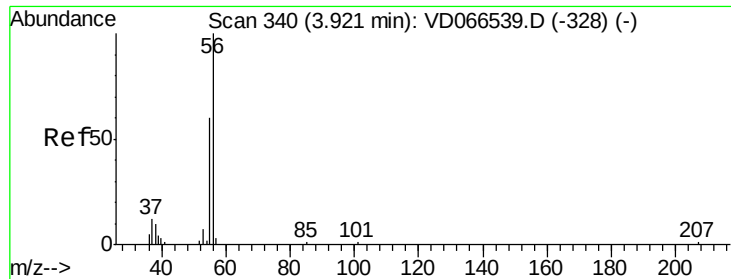


#12

1,1-Dichloroethene
 Concen: 46.702 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	154720		
61	173.6		140.9	211.3
98	59.5		53.2	79.8





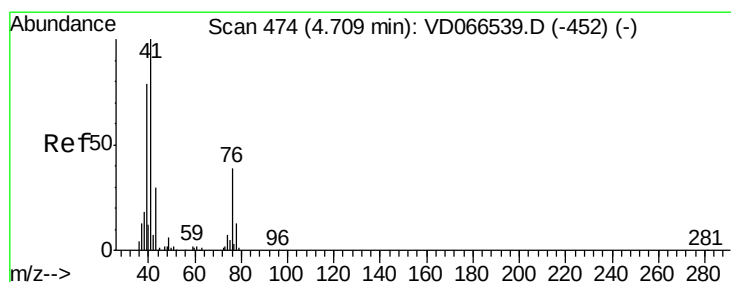
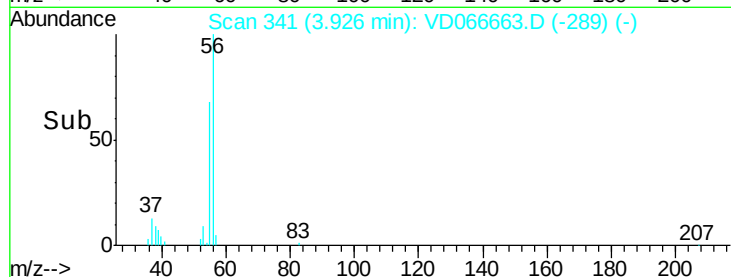
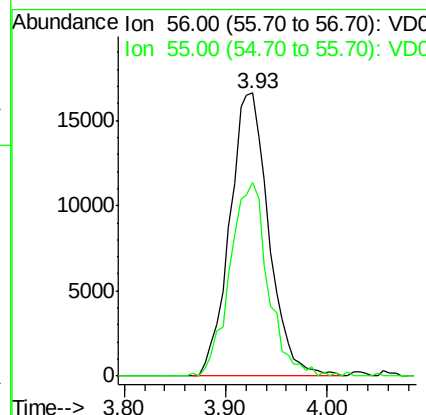
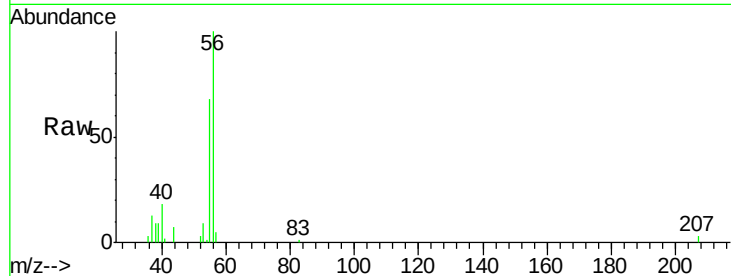
#13
Acrolein
Concen: 273.477 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	44487
Ion Ratio	100	Lower	Upper
56	100		
55	66.6	53.6	80.4

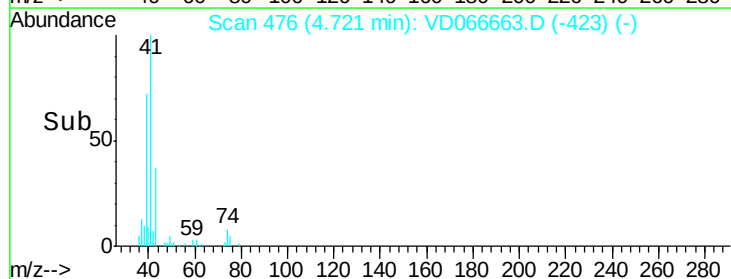
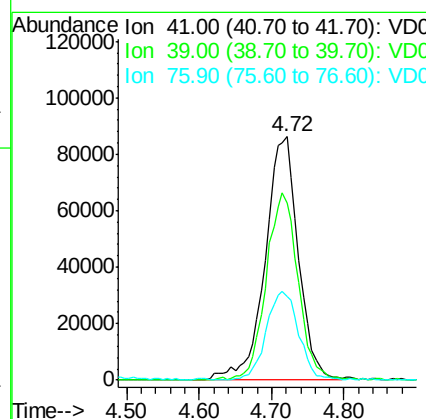
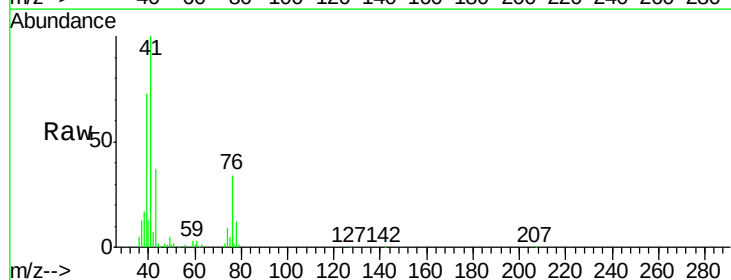
Manual Integrations
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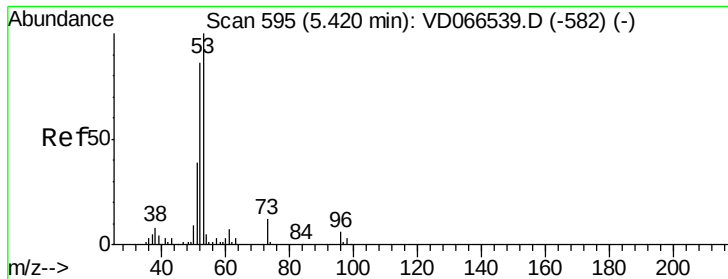
MMDadoda
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#14
Allyl chloride
Concen: 50.884 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	41	Resp	276271
Ion Ratio	100	Lower	Upper
41	100		
39	74.2	61.9	92.9
76	35.1	29.0	43.6





#15

Acrylonitrile

Concen: 268.029 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

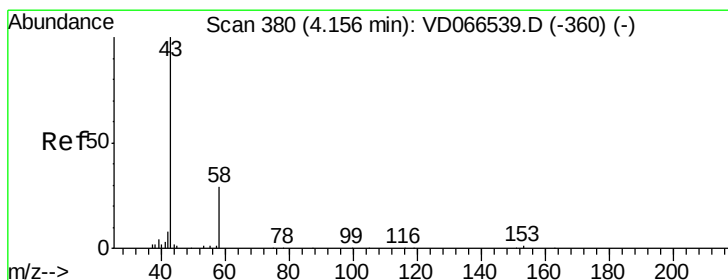
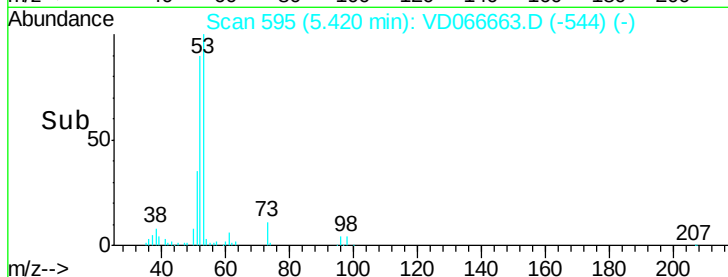
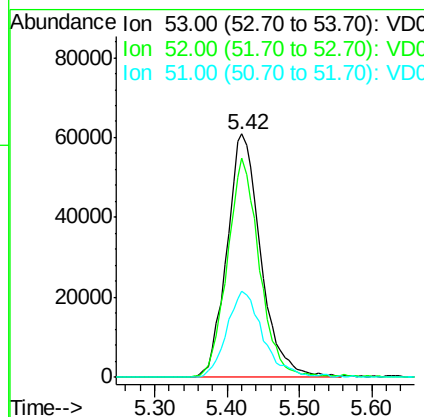
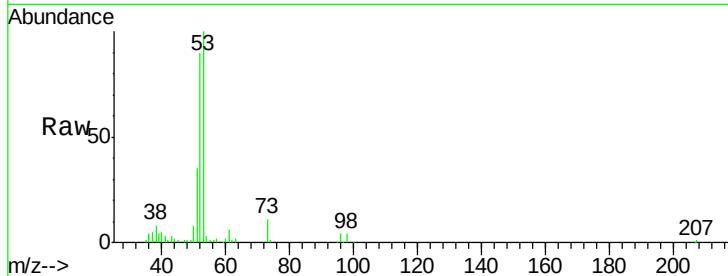
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	197546
Ion Ratio		Lower	Upper
53	100		
52	85.5	65.4	98.2
51	37.4	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 246.400 ug/l

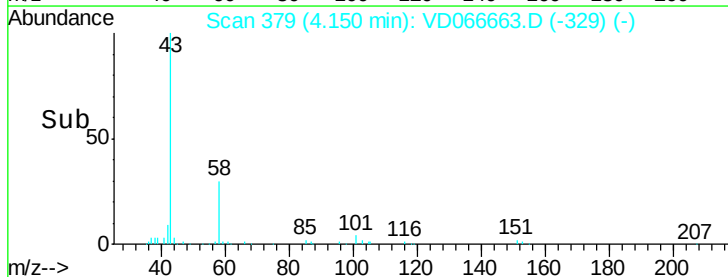
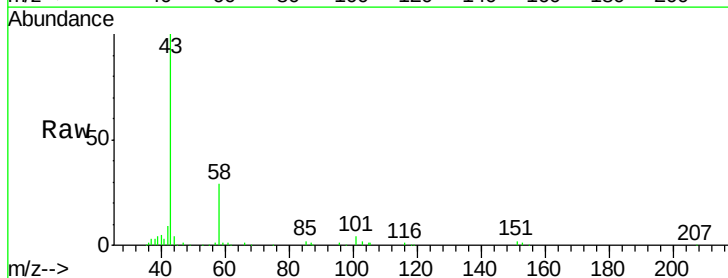
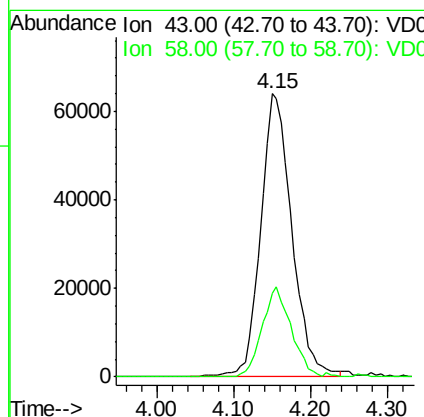
RT: 4.15 min Scan# 379

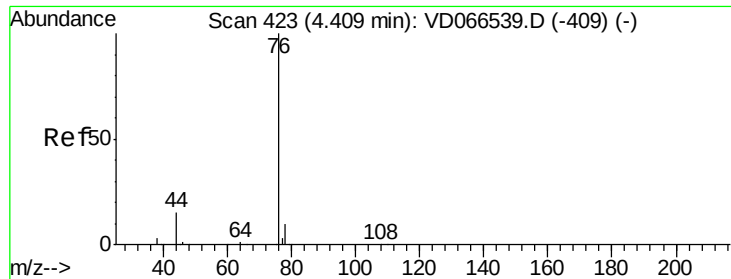
Delta R.T. -0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion:	43	Resp:	180370
Ion Ratio		Lower	Upper
43	100		
58	29.4	22.9	34.3





#17

Carbon Disulfide

Concen: 45.844 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 499289

Ion Ratio Lower Upper

76 100

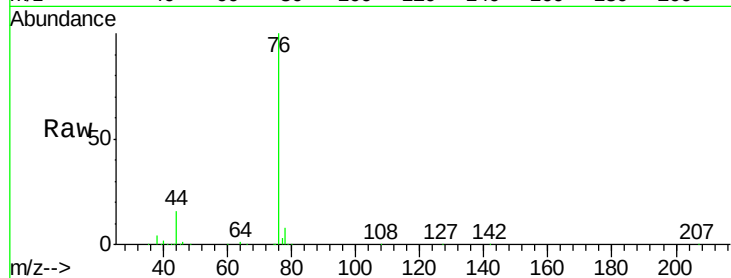
78 8.3 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

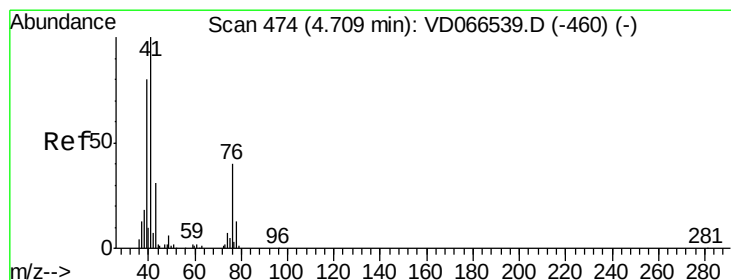
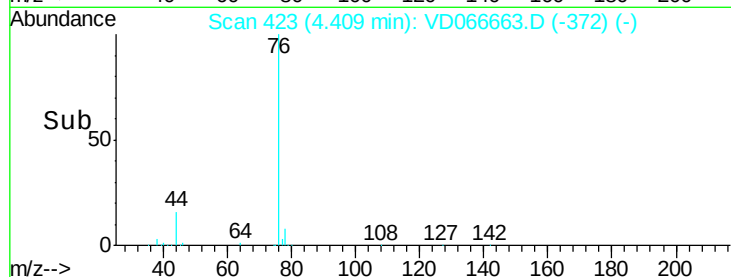
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.288 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066663.D

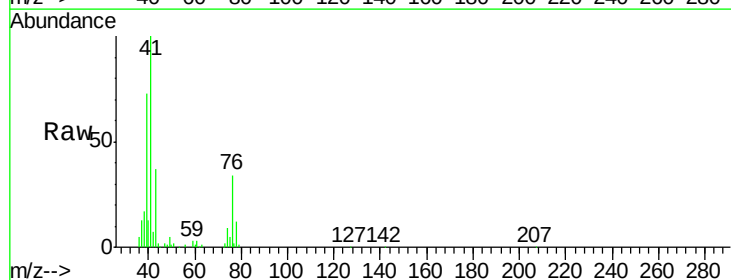
Acq: 11 Sep 2020 21:58

Tgt Ion: 43 Resp: 94732

Ion Ratio Lower Upper

43 100

74 24.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

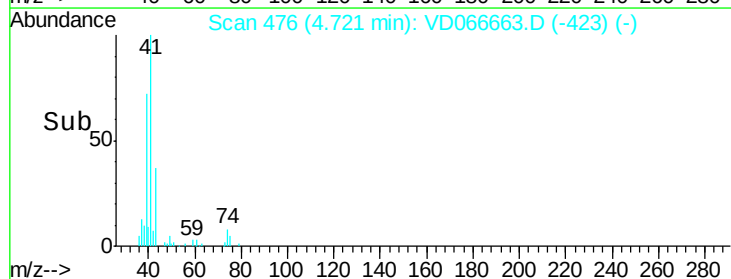
30000

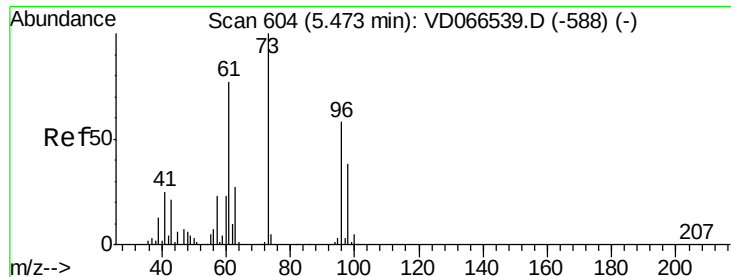
20000

10000

0

Time-->





#19

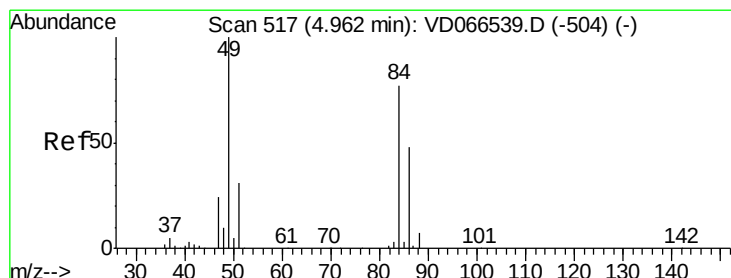
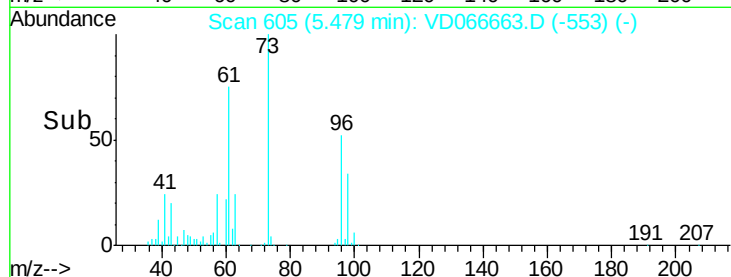
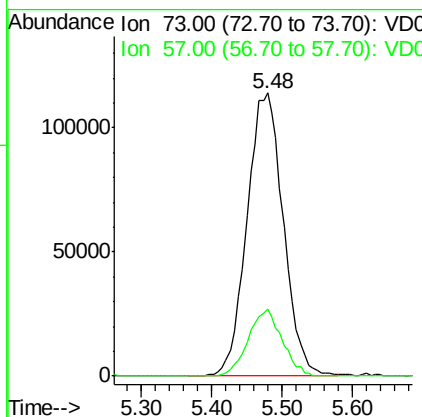
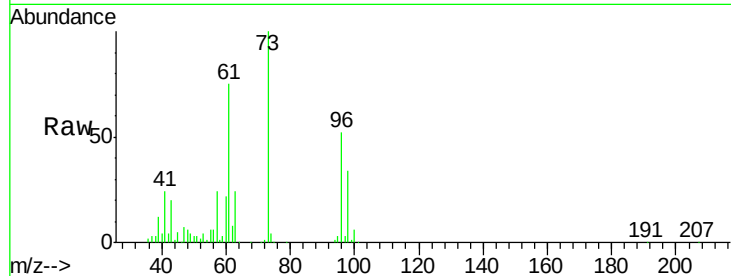
Methyl tert-butyl Ether
 Concen: 52.773 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.3	27.5

Manual Integrations
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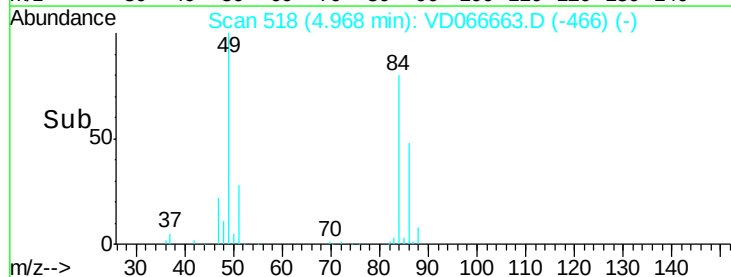
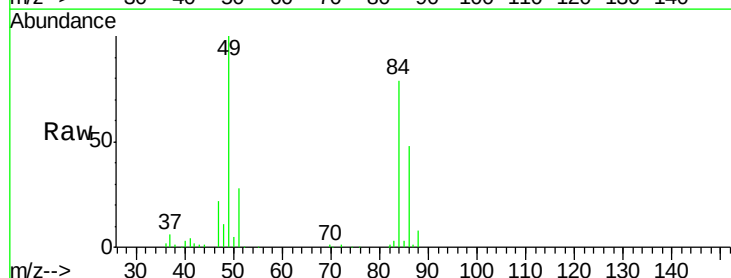
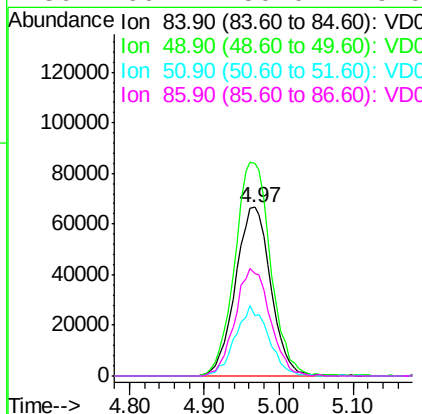
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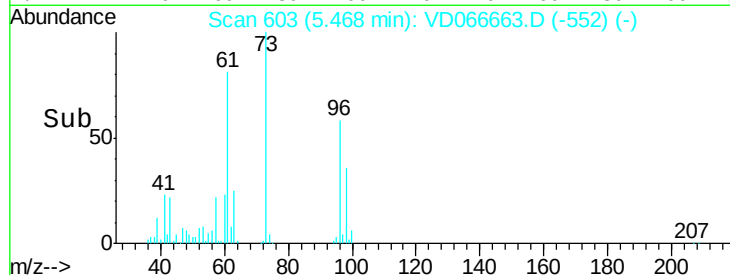
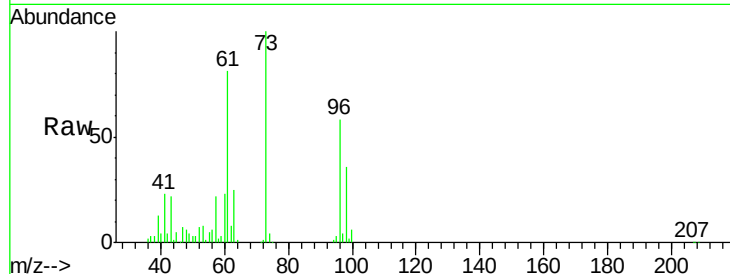
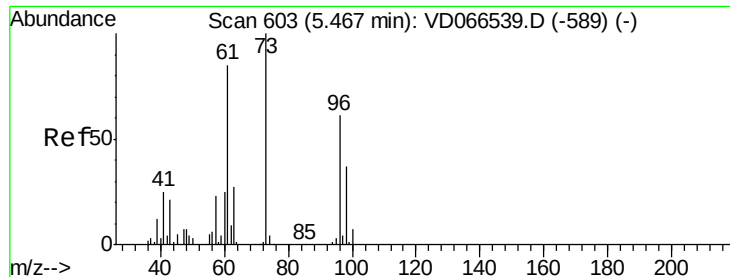


#20

Methylene Chloride
 Concen: 55.911 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	104.3	156.5
51	35.6	32.2	48.4
86	60.7	50.0	75.0





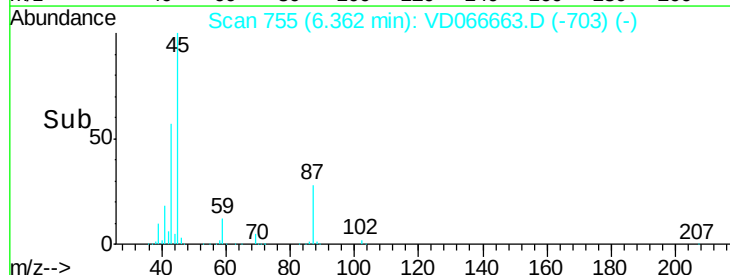
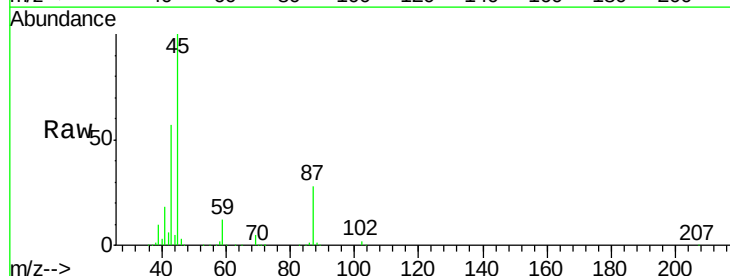
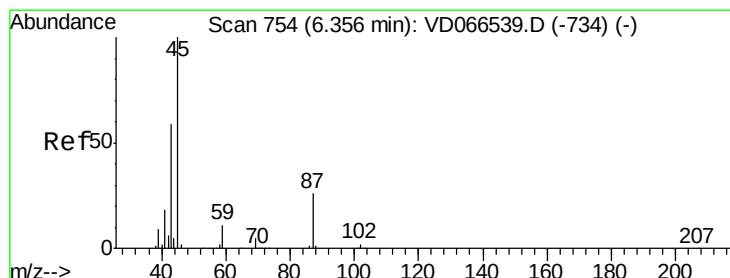
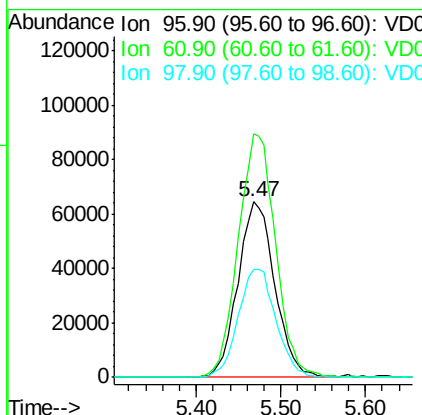
#21
trans-1,2-Dichloroethene
Concen: 49.797 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	112.1	168.1
98	61.7	48.6	72.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

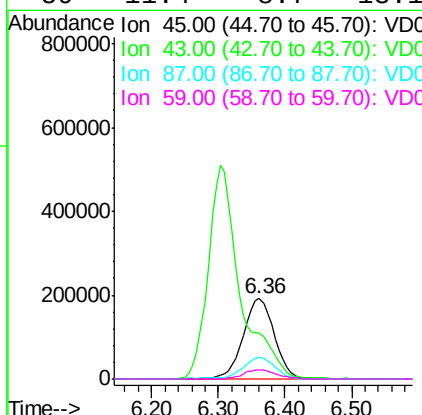
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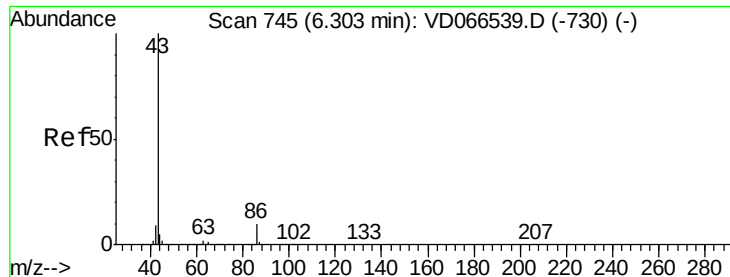
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#22
Diisopropyl ether
Concen: 55.328 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.4	47.0	70.4
87	27.4	21.3	31.9
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 268.793 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1707856

Ion Ratio Lower Upper

43 100

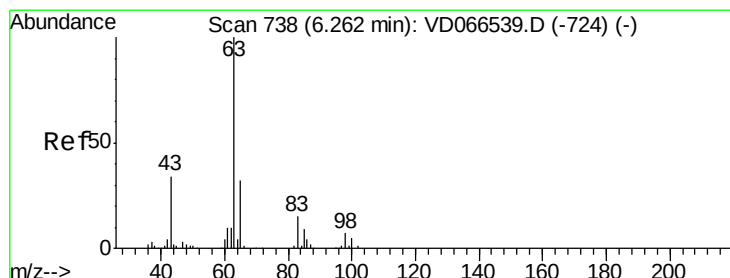
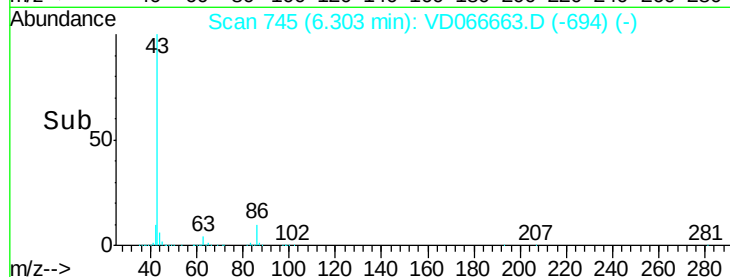
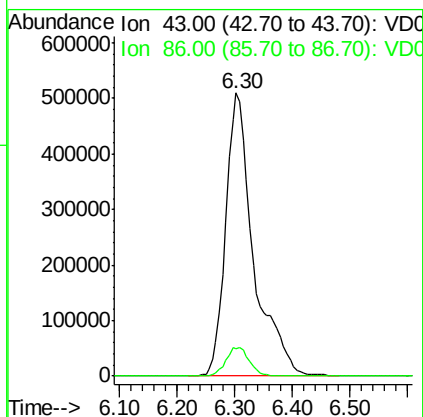
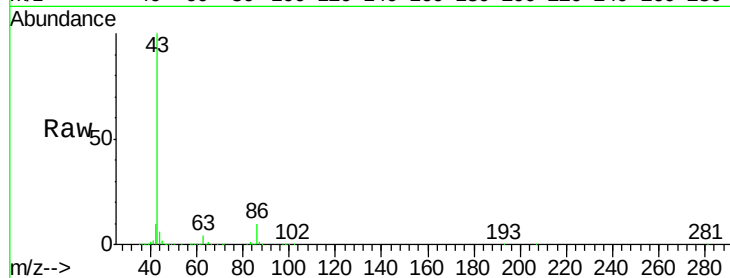
86 9.8 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.809 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

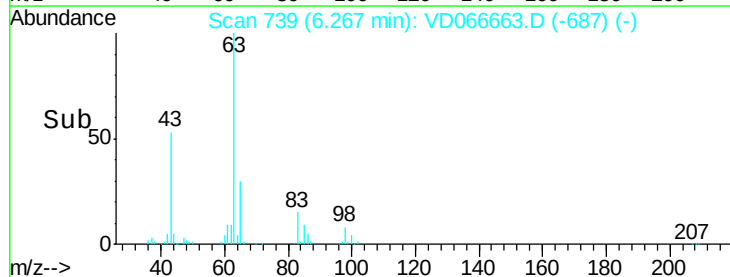
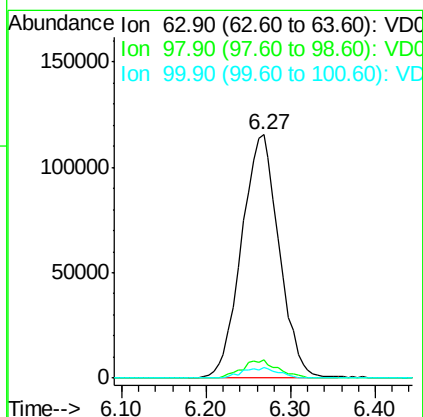
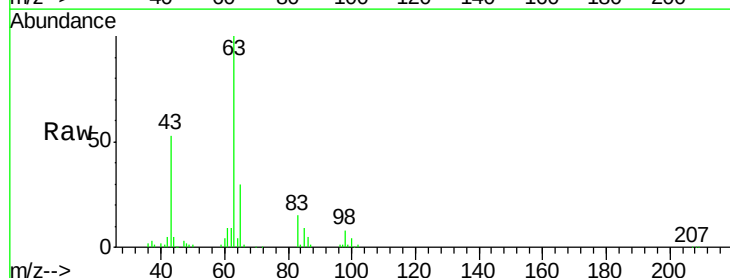
Tgt Ion: 63 Resp: 356747

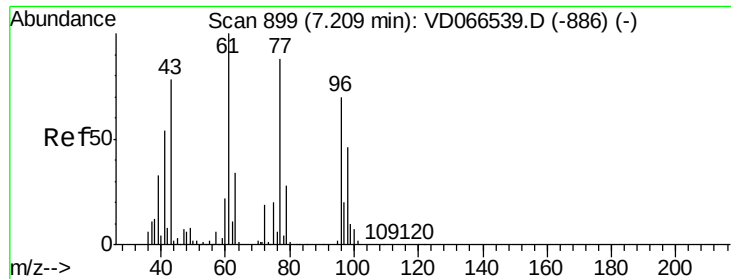
Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

100 4.1 2.5 7.4





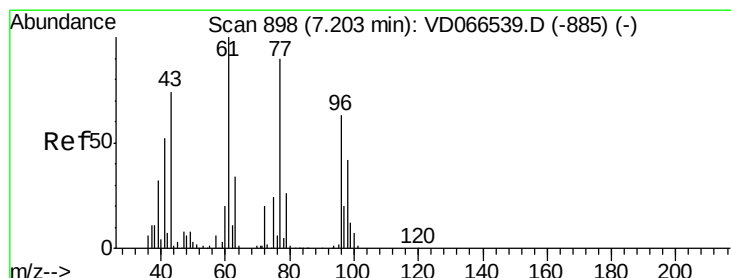
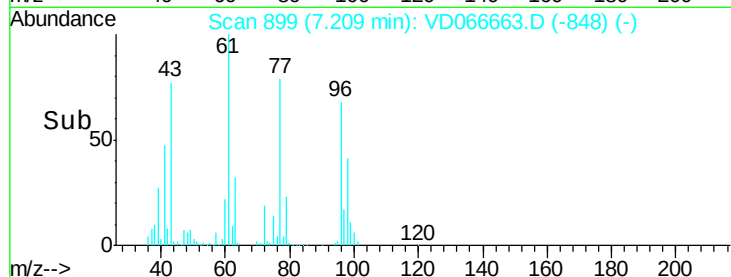
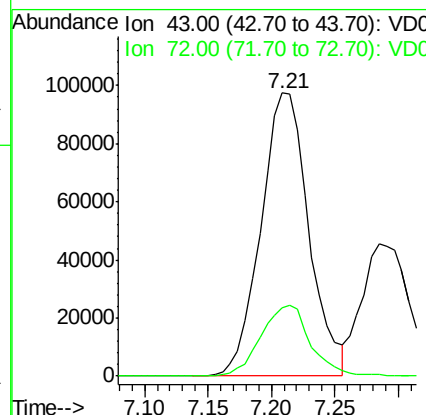
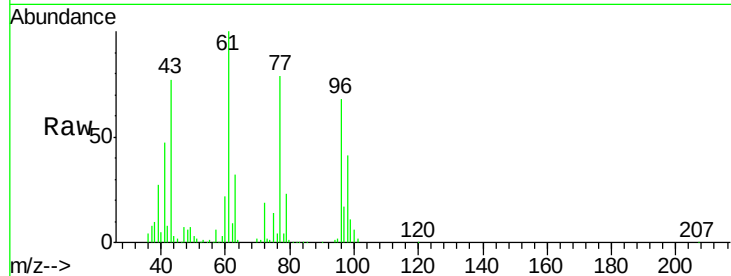
#25
2-Butanone
Concen: 261.227 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	256696
Ion Ratio	100	Lower	Upper
72	24.1	19.8	29.6

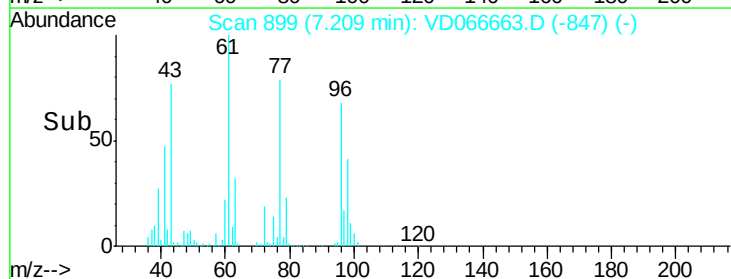
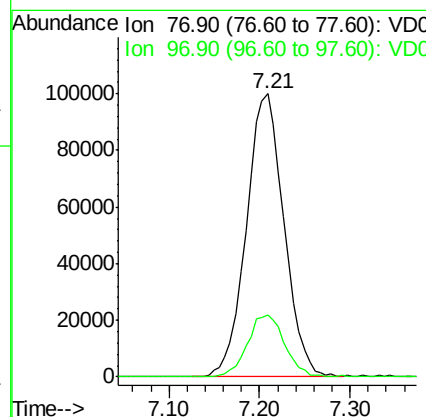
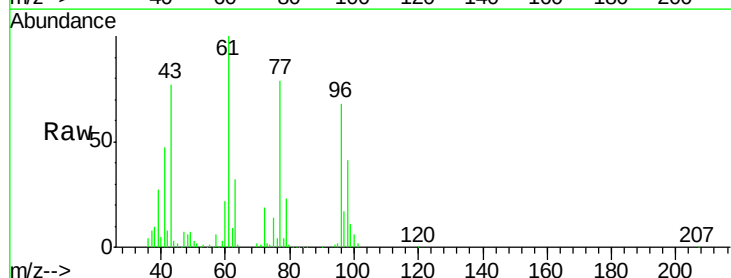
Manual Integrations
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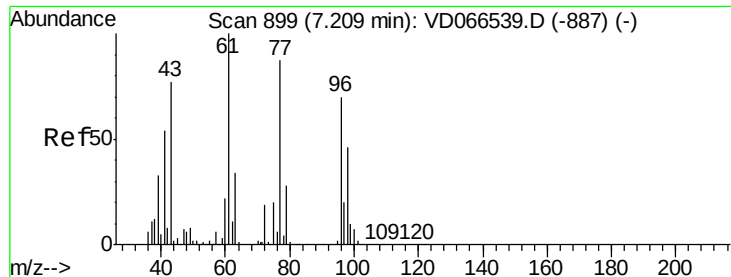
MMDadoda
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#26
2,2-Dichloropropane
Concen: 44.816 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	77	Resp	288638
Ion Ratio	100	Lower	Upper
97	21.7	10.8	32.3





#27

cis-1,2-Dichloroethene

Concen: 53.627 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

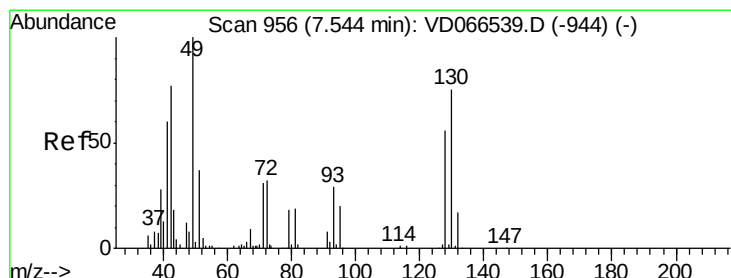
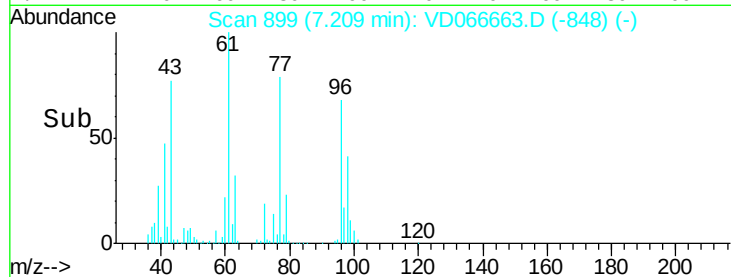
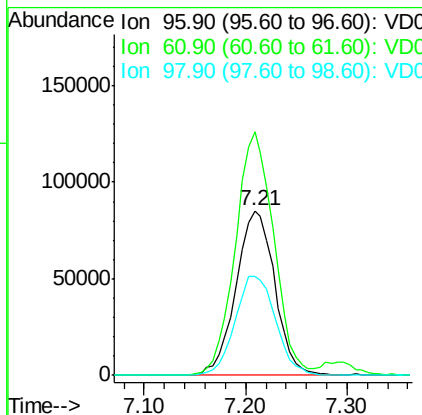
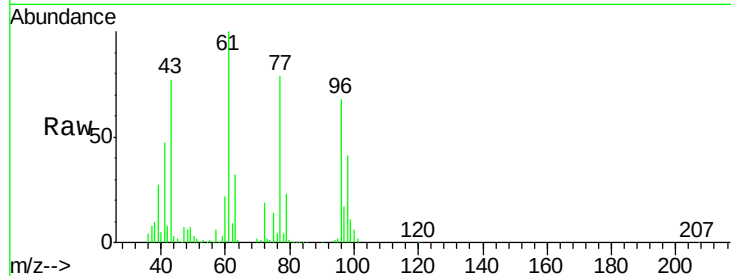
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	226873
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	301.0
98	63.3	0.0	129.8

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#28

Bromochloromethane

Concen: 56.761 ug/l

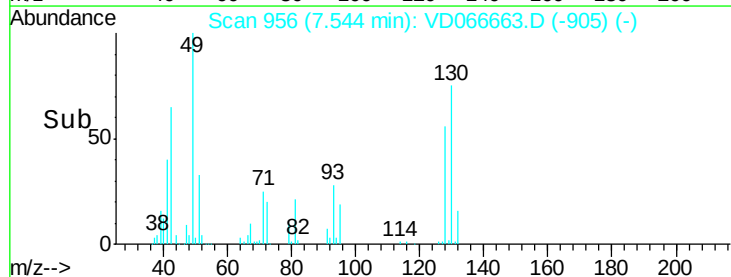
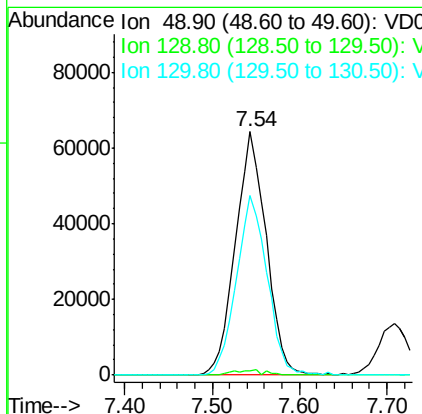
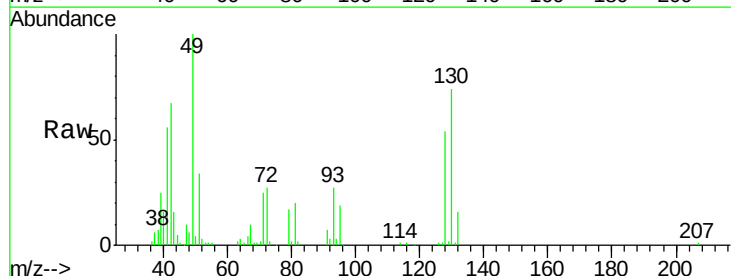
RT: 7.54 min Scan# 956

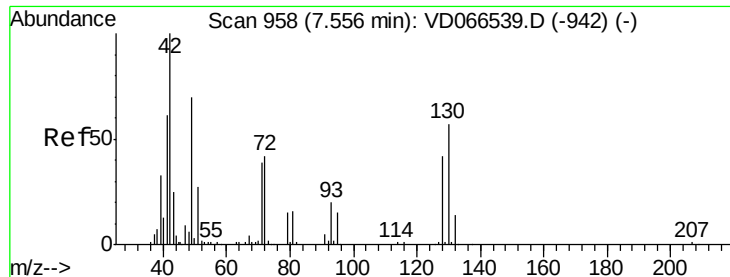
Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion:	49	Resp:	153433
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	73.3	58.2	87.2





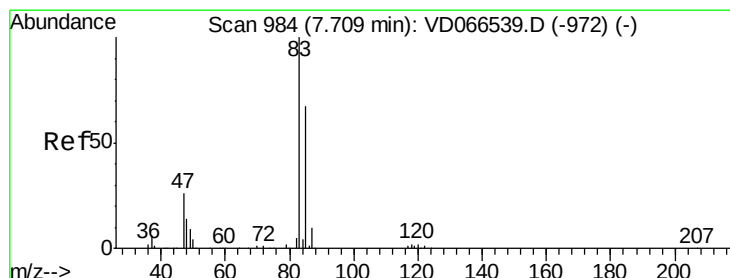
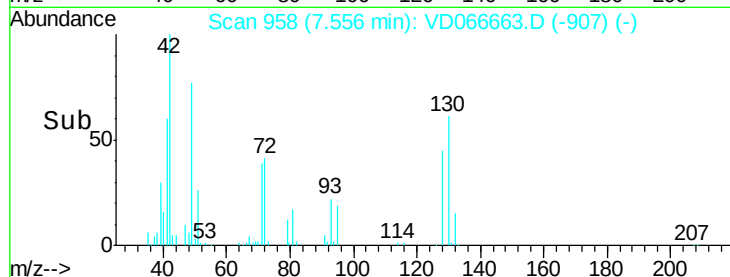
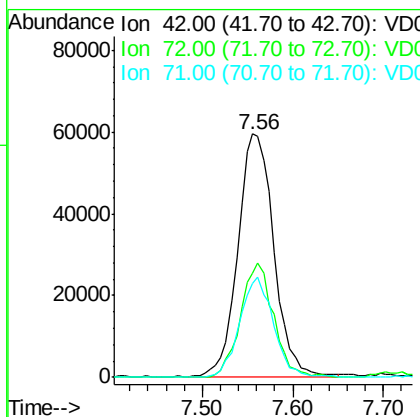
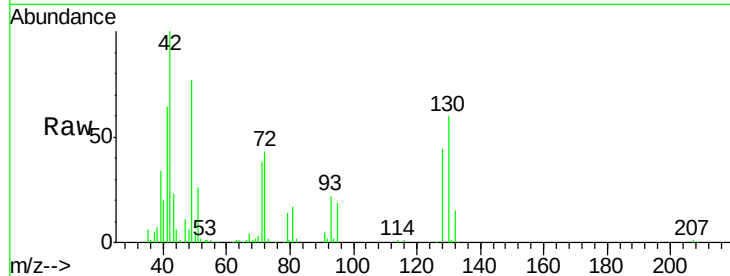
#29
Tetrahydrofuran
Concen: 269.045 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.4	50.0
71	38.3	31.9	47.9

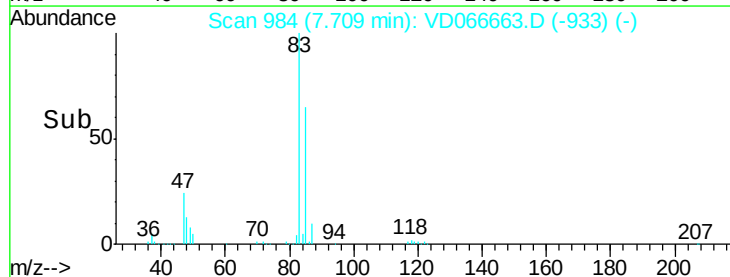
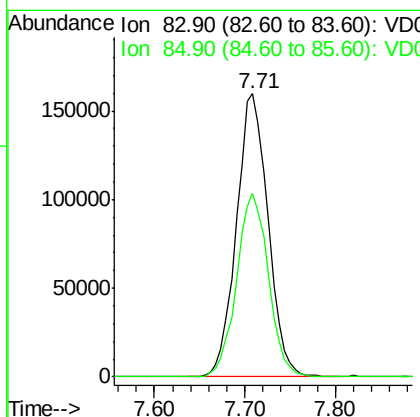
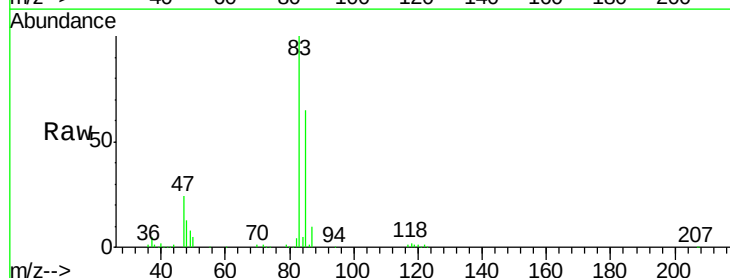
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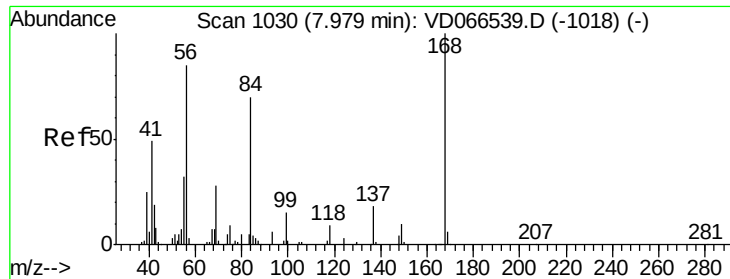
MMDadoda
9/14/2020 12:07:05 PM



#30
Chloroform
Concen: 52.118 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.6	80.4





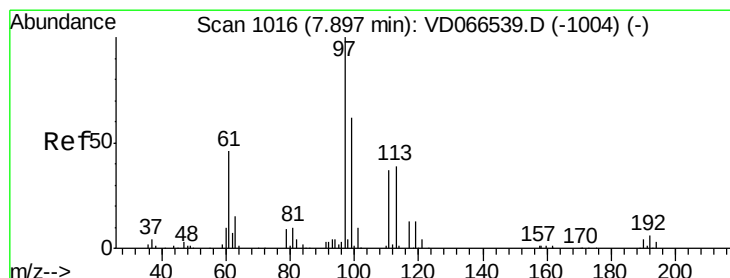
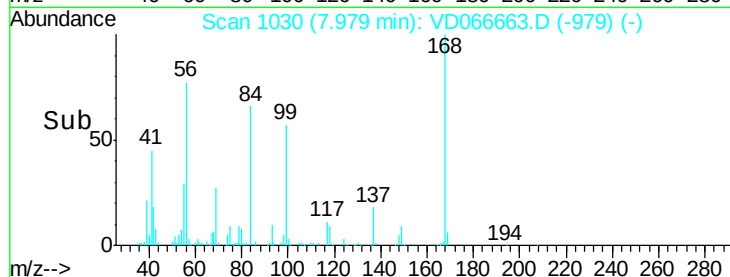
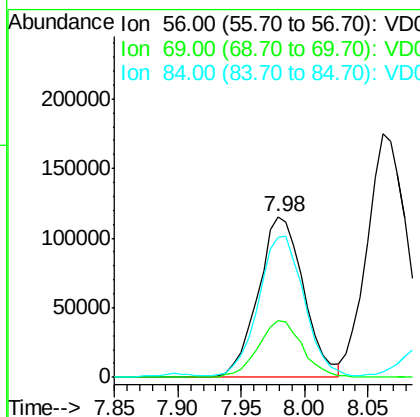
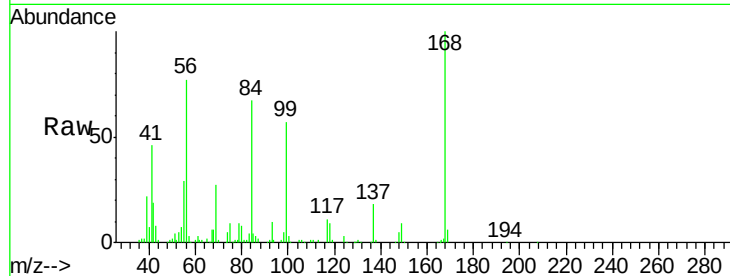
#31
Cyclohexane
Concen: 44.434 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	26.3	39.5
84	85.2	66.1	99.1

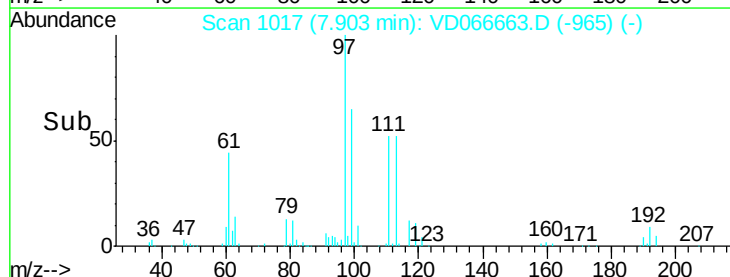
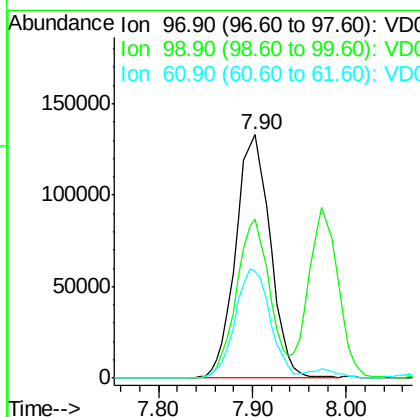
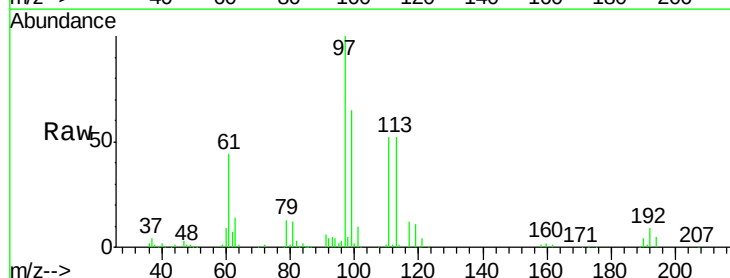
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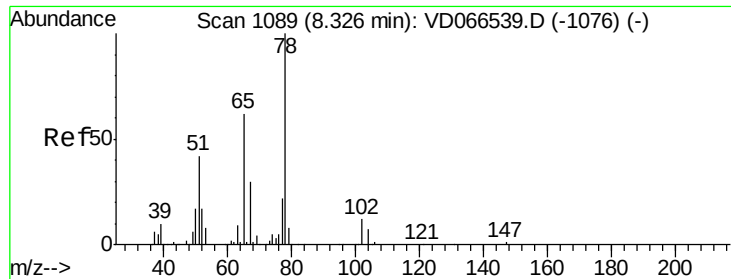
MMDadoda
9/14/2020 12:07:05 PM



#32
1,1,1-Trichloroethane
Concen: 48.834 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.4	77.0
61	45.5	37.4	56.0





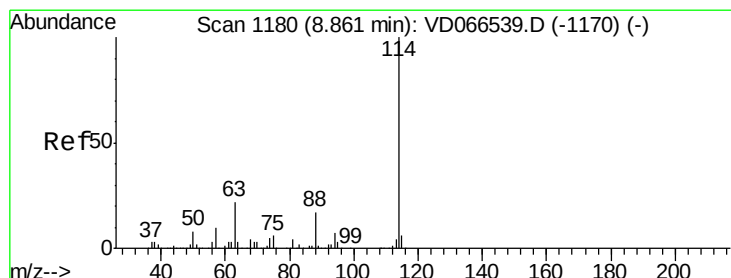
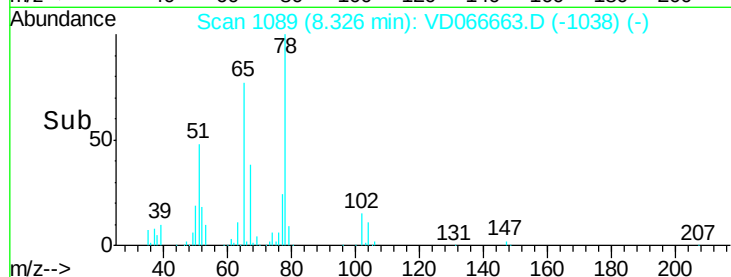
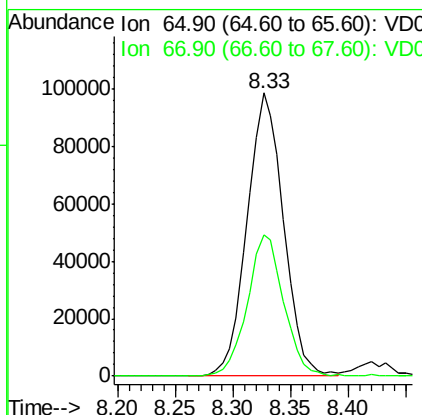
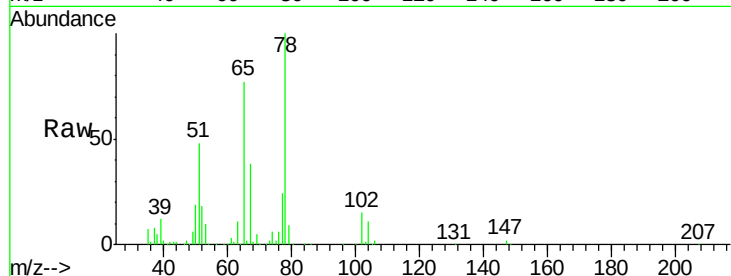
#33
 1,2-Dichloroethane-d4
 Concen: 54.535 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	216965		
67	49.6	0.0	102.8	

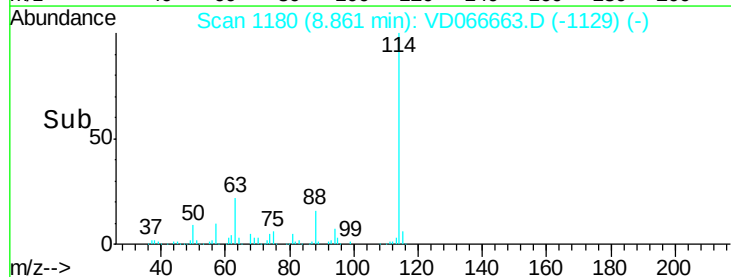
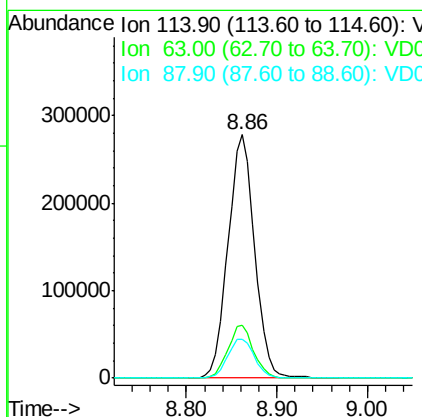
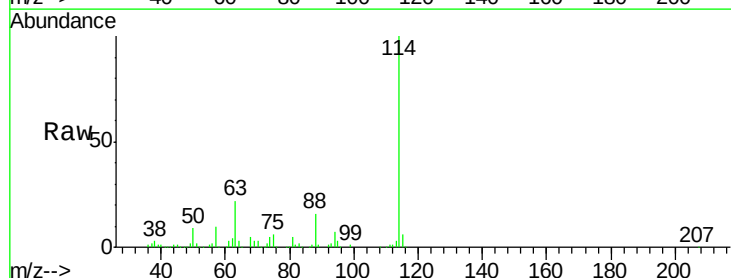
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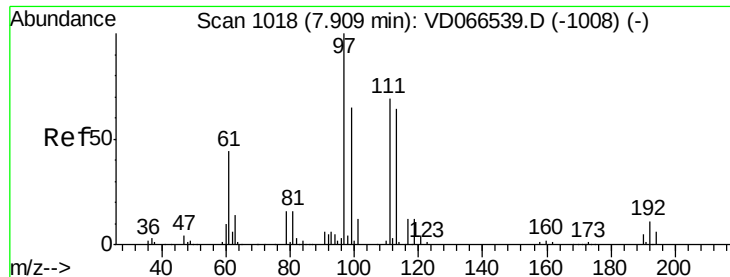
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	566601		
63	21.7	0.0	43.2	
88	15.9	0.0	33.2	





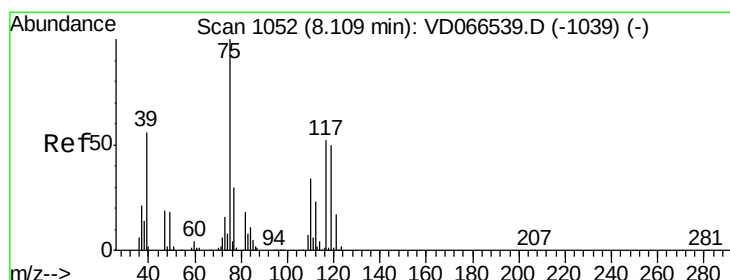
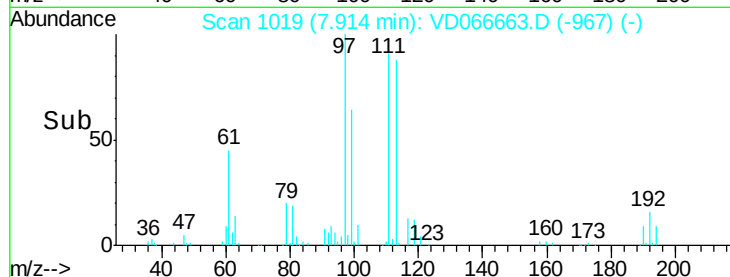
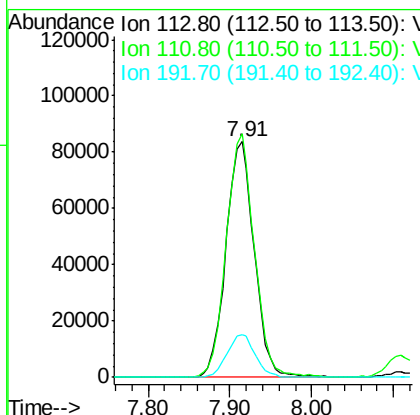
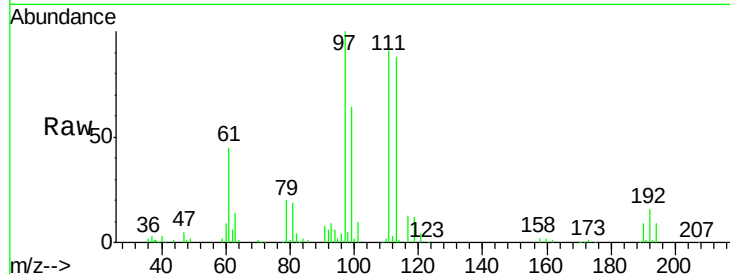
#35
Dibromofluoromethane
Concen: 52.851 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	202015		
111	102.2	83.2	124.8	
192	18.1	13.7	20.5	

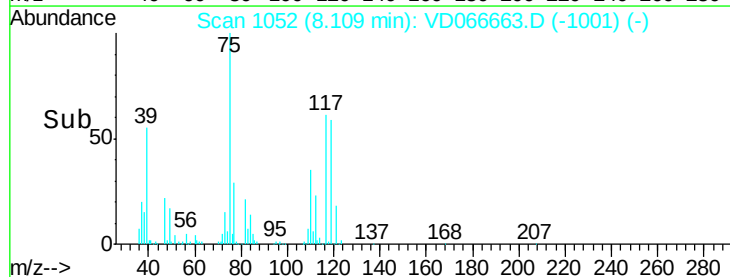
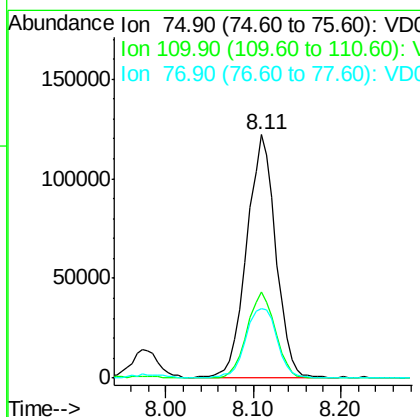
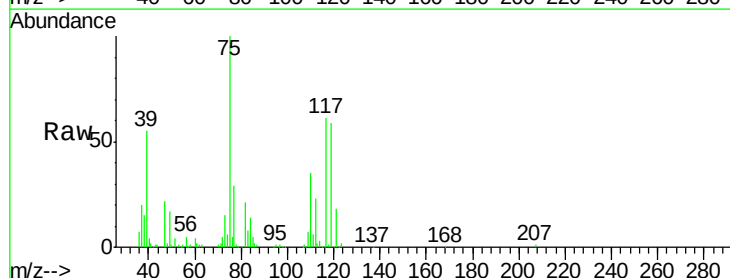
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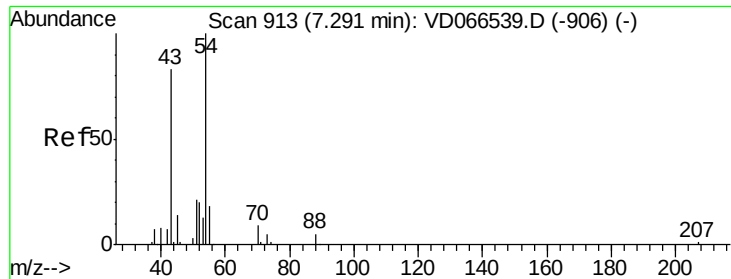
MMDadoda
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#36
1,1-Dichloropropene
Concen: 46.605 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	274813		
110	34.5	17.3	52.0	
77	31.2	25.1	37.7	





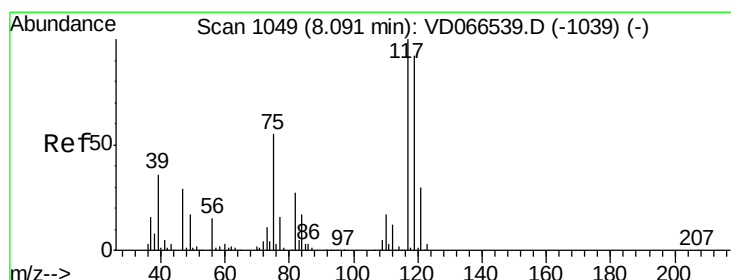
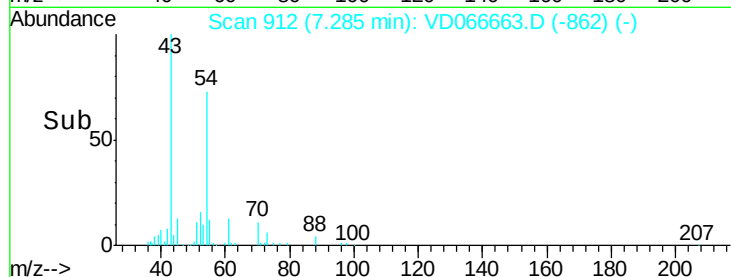
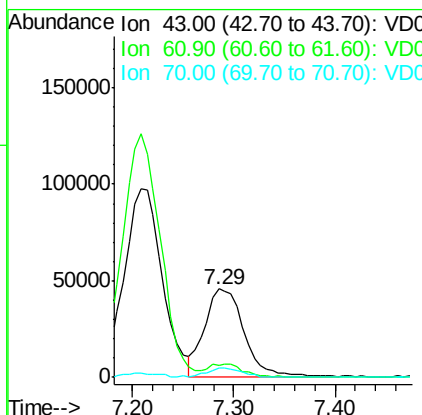
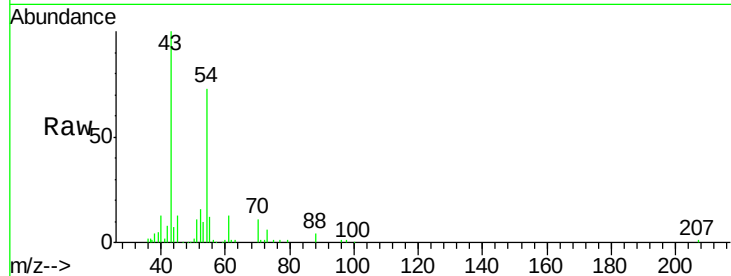
#37
Ethyl Acetate
Concen: 52.016 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.8	17.8
70	10.1	7.9	11.9

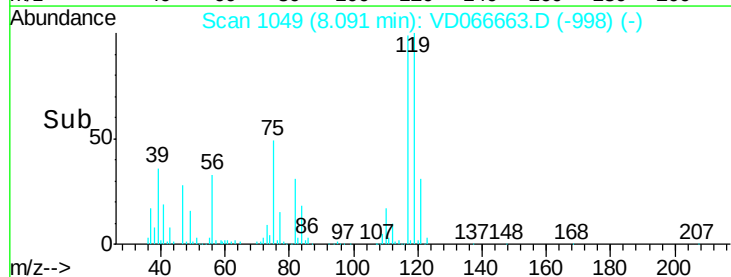
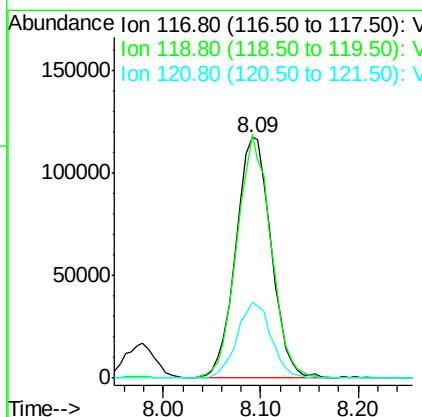
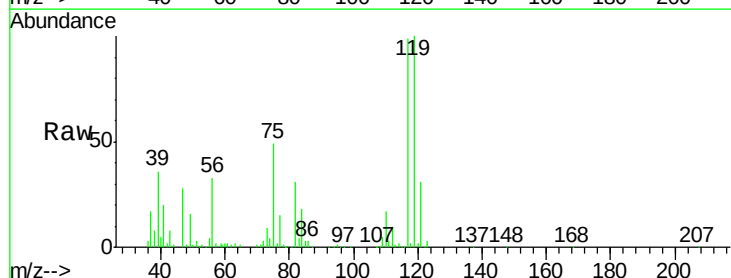
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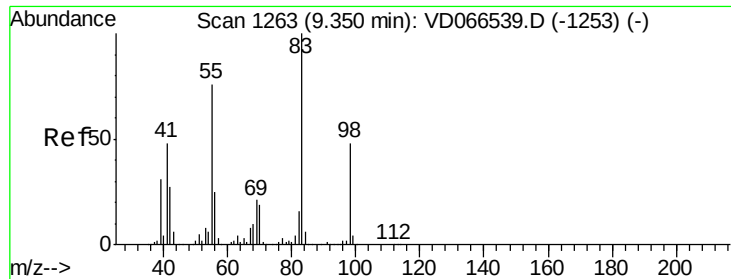
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#38
Carbon Tetrachloride
Concen: 46.968 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.4	73.9	110.9
121	31.9	24.1	36.1





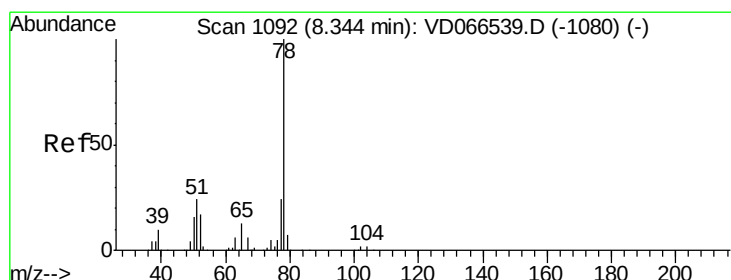
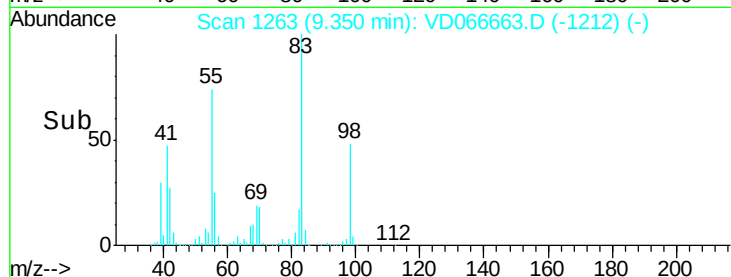
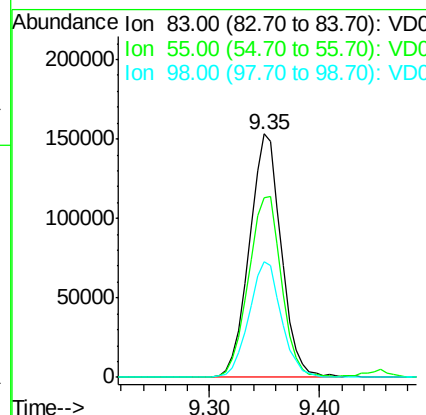
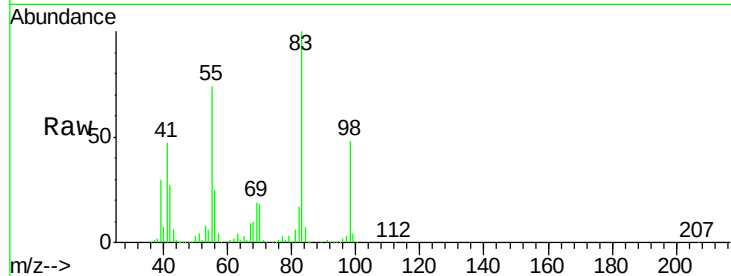
#39
Methylvlcyclohexane
Concen: 47.173 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.9	60.8	91.2	
98	47.6	38.6	58.0	

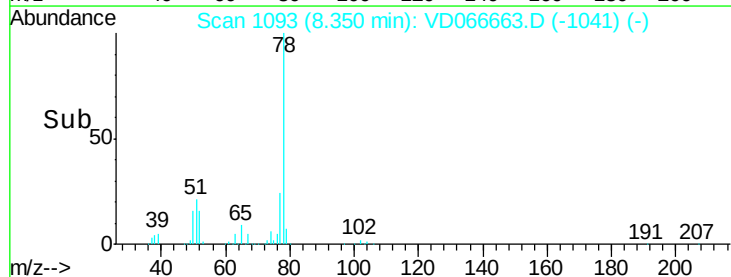
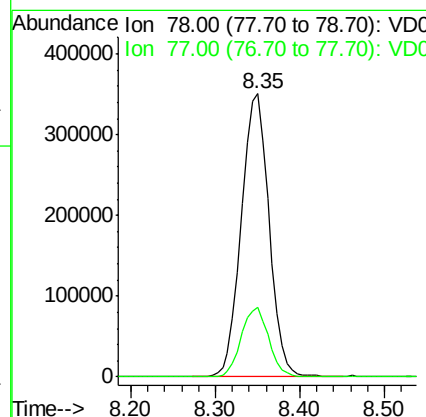
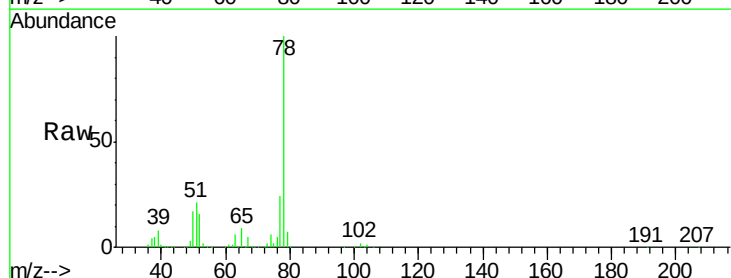
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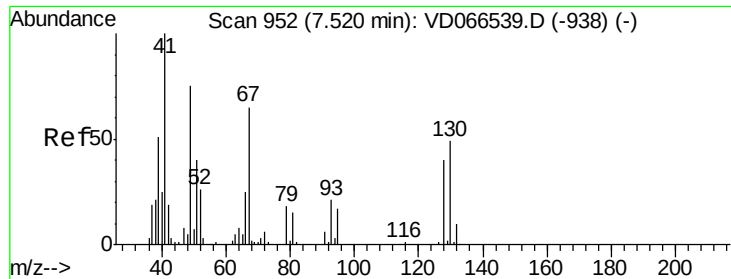
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#40
Benzene
Concen: 49.377 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4	19.1	28.7	





#41

Methacrylonitrile

Concen: 47.302 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. 0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 53762

Ion Ratio Lower Upper

41 100

39 83.0 53.6 80.4#

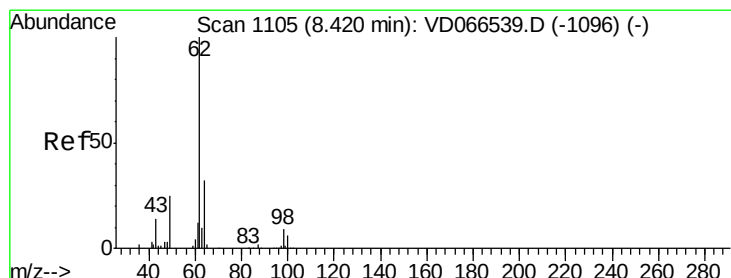
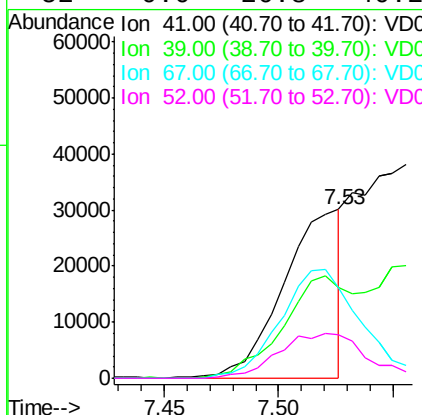
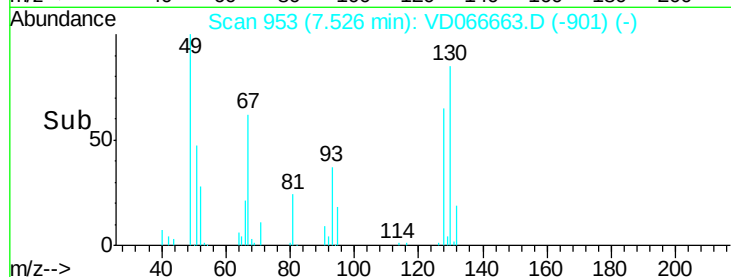
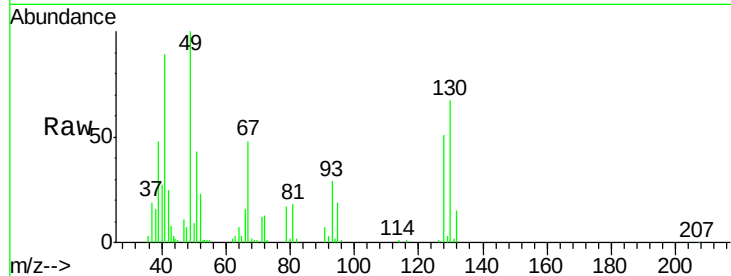
67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

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9/14/2020 12:07:05 PM



#42

1,2-Dichloroethane

Concen: 49.013 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066663.D

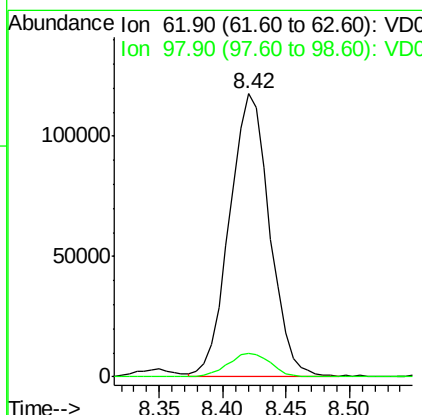
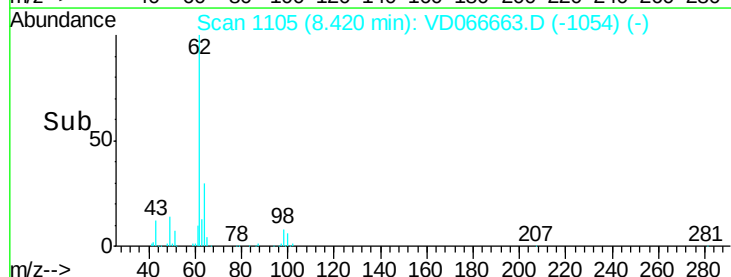
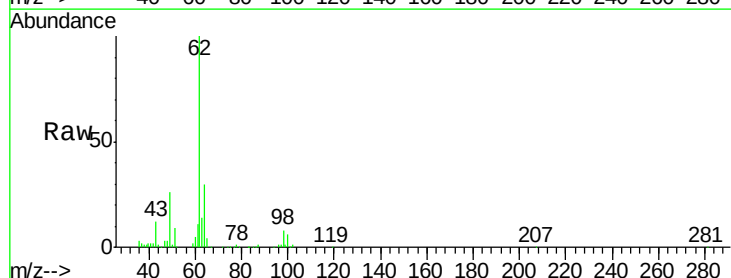
Acq: 11 Sep 2020 21:58

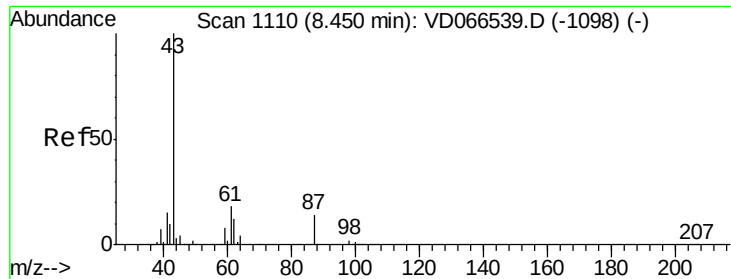
Tgt Ion: 62 Resp: 256462

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 50.085 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

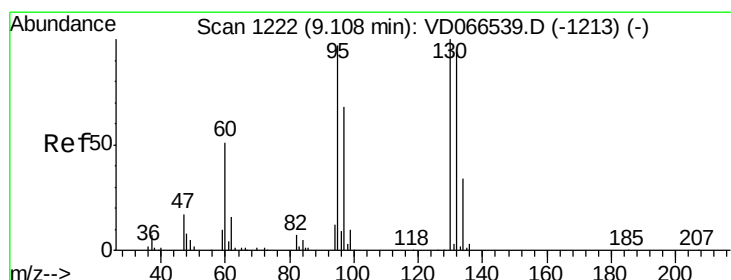
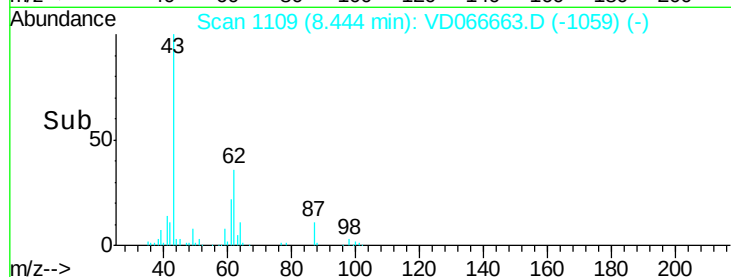
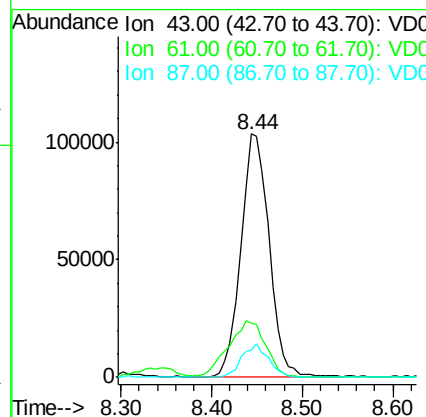
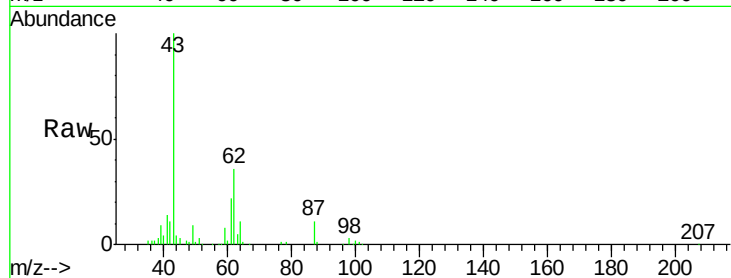
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	225365
Ion Ratio	Lower	Upper	
43	100		
61	30.7	23.8	35.8
87	12.9	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 49.357 ug/l

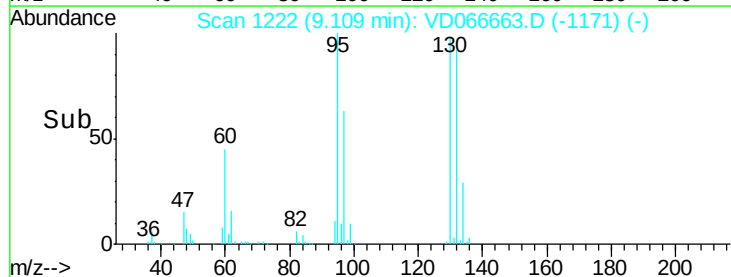
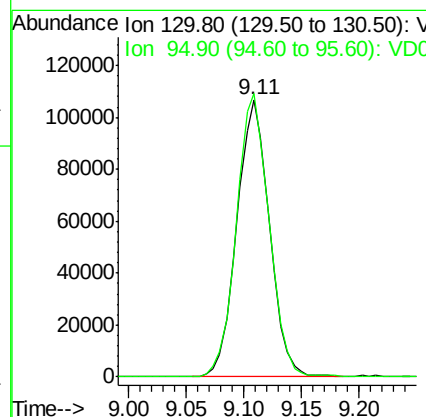
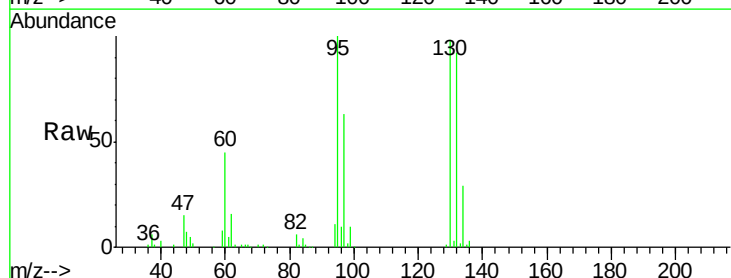
RT: 9.11 min Scan# 1222

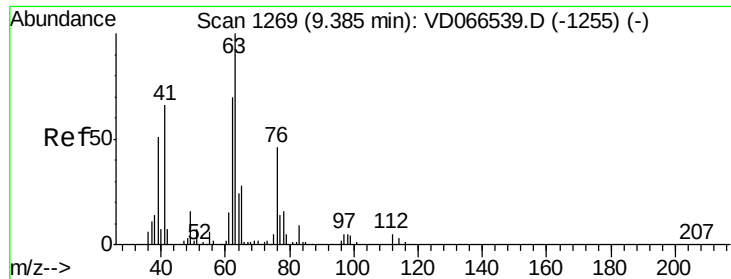
Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion:	130	Resp:	209084
Ion Ratio	Lower	Upper	
130	100		
95	101.8	0.0	194.4





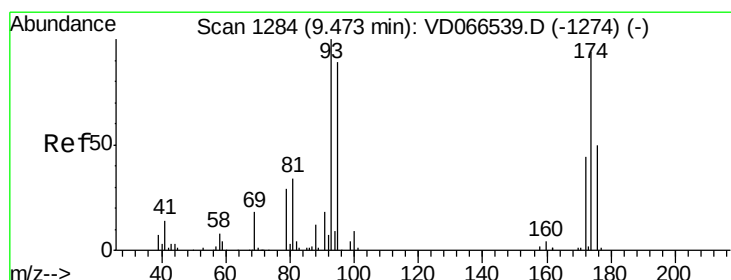
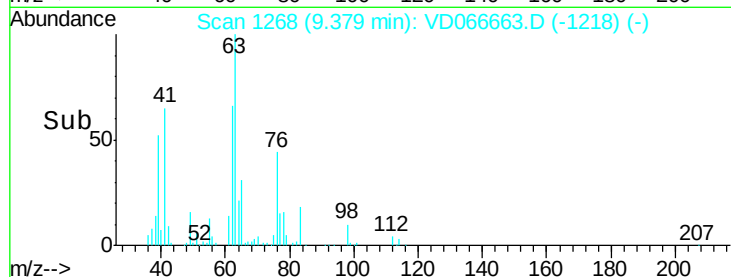
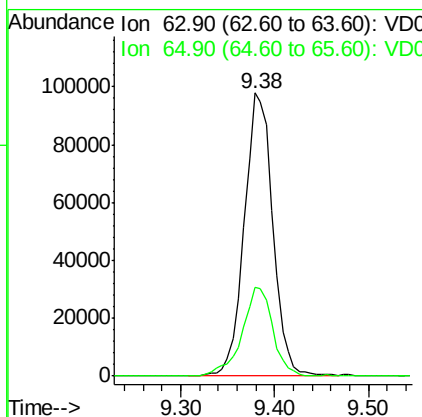
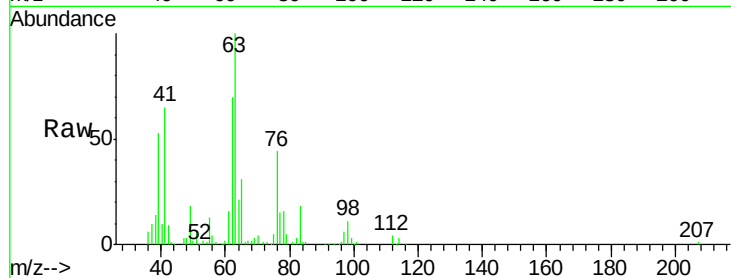
#45
 1,2-Dichloropropane
 Concen: 50.661 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	205750
Ion Ratio	Lower	Upper	
63	100		
65	31.0	22.6	34.0

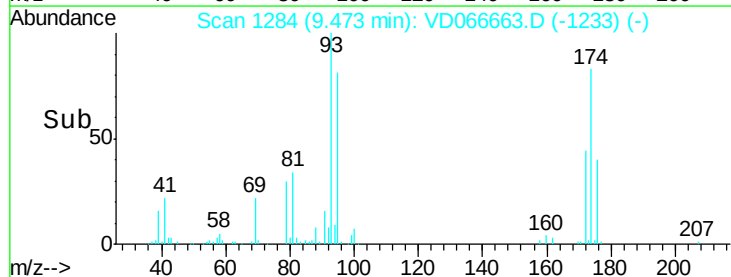
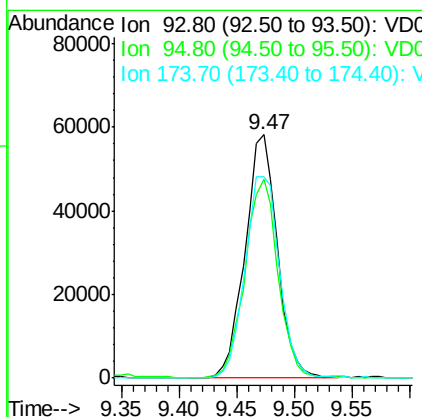
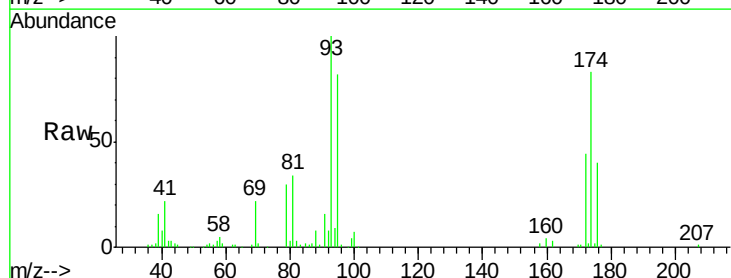
Manual Integrations
 APPROVED

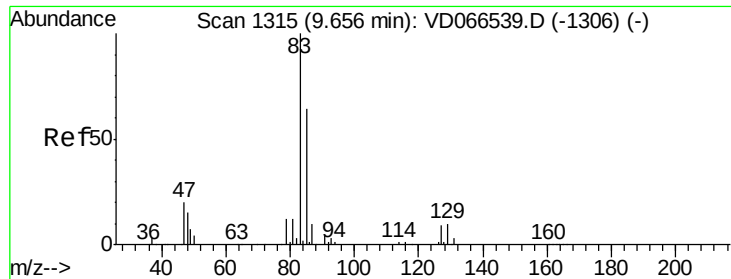
MMDadoda
 9/14/2020 12:07:05 PM



#46
 Dibromomethane
 Concen: 50.691 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	93	Resp	113582
Ion Ratio	Lower	Upper	
93	100		
95	84.0	68.7	103.1
174	88.9	70.0	105.0





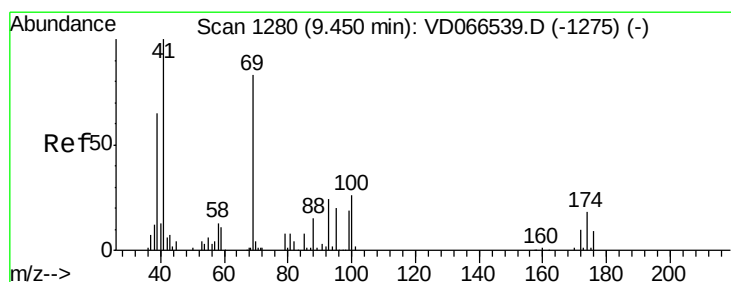
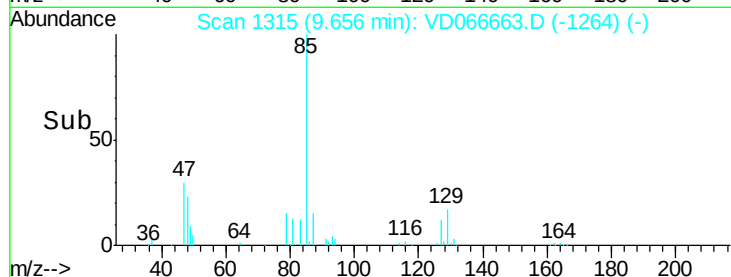
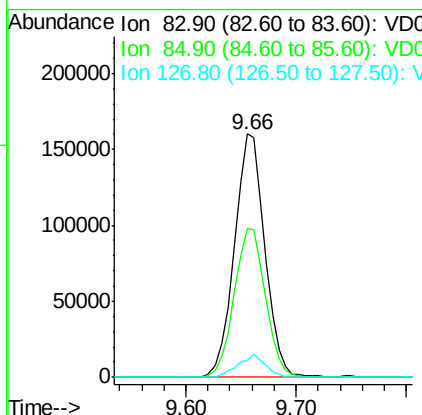
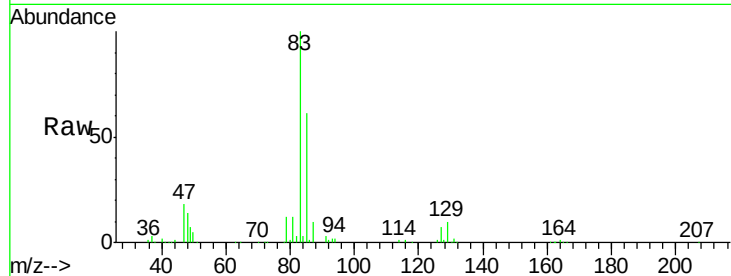
#47
Bromodichloromethane
Concen: 51.255 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	310717		
85	61.3		51.1	76.7
127	7.2		6.9	10.3

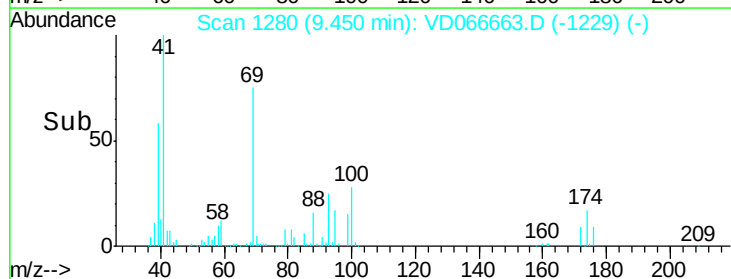
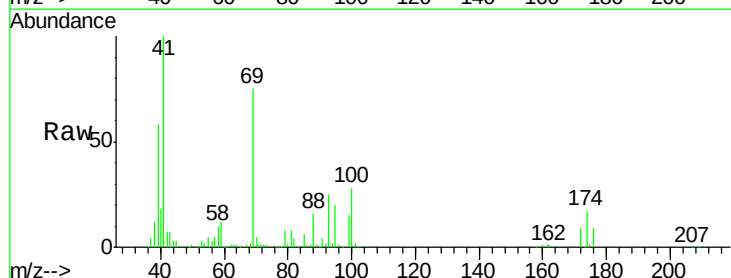
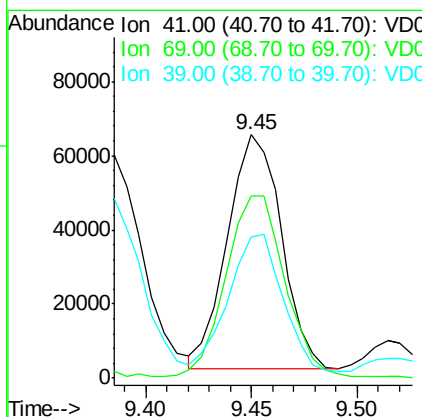
Manual Integrations
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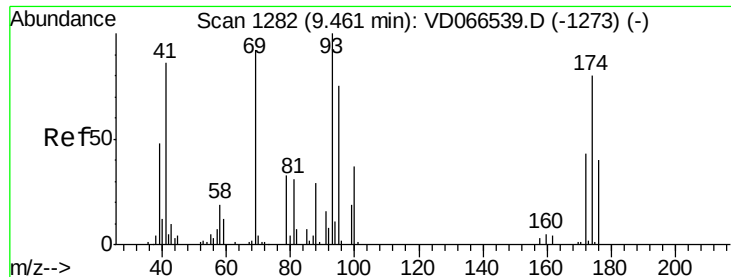
MMDadoda
9/14/2020 12:07:05 PM



#48
Methyl methacrylate
Concen: 48.953 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	111382		
69	85.3		64.5	96.7
39	58.9		46.6	69.8





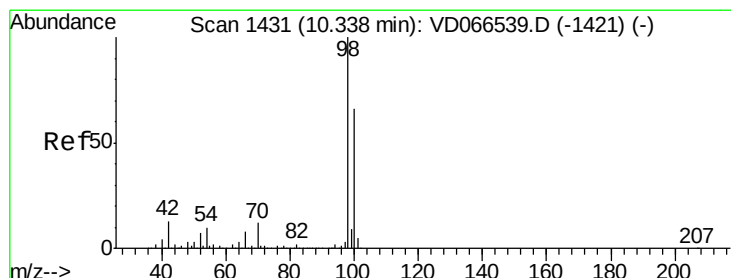
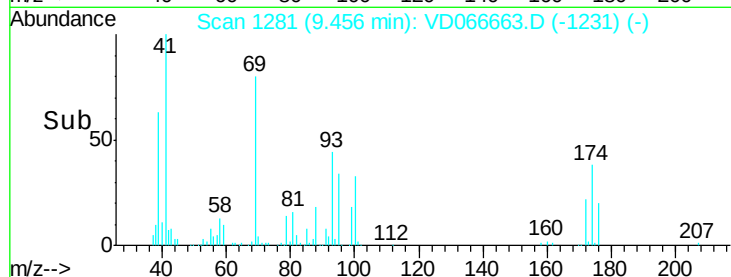
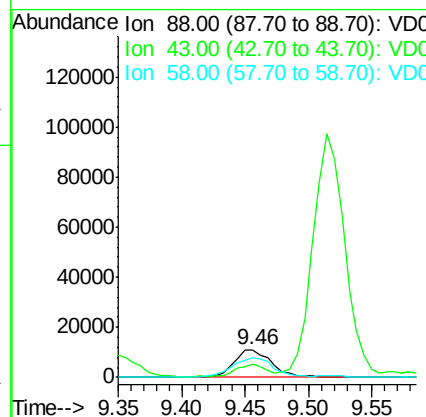
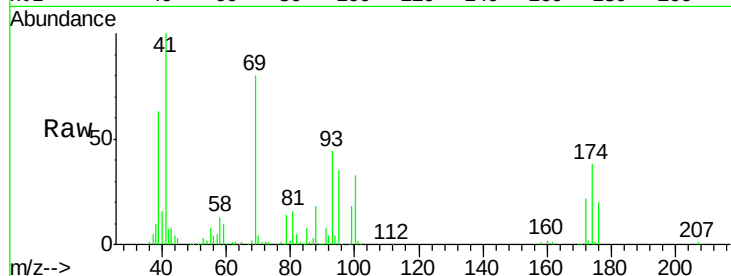
#49
1,4-Dioxane
Concen: 918.078 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	22568
Ion	Ratio	Lower	Upper
88	100		
43	35.4	28.3	42.5
58	76.7	56.1	84.1

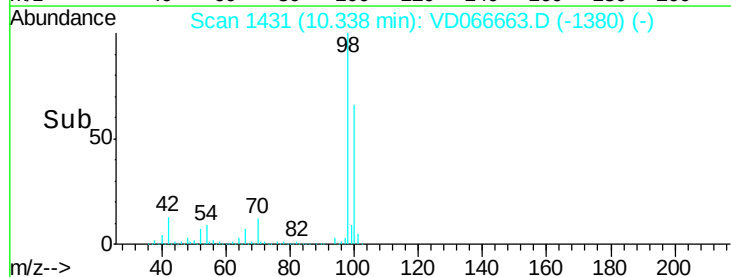
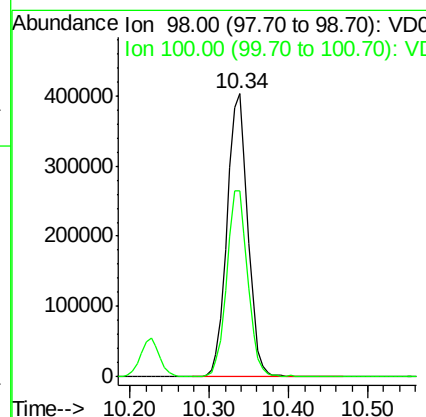
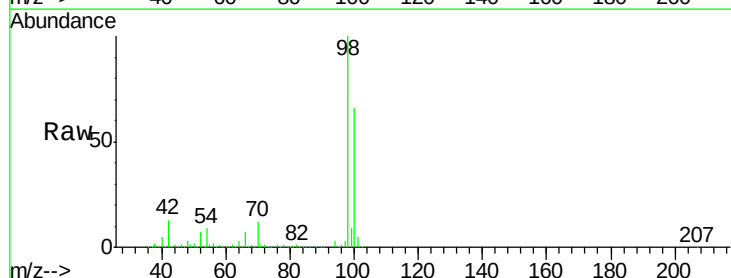
Manual Integrations
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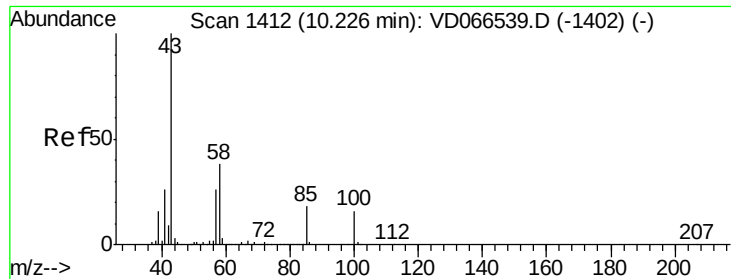
MMDadoda
9/14/2020 12:07:05 PM



#50
Toluene-d8
Concen: 53.548 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	98	Resp	731550
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





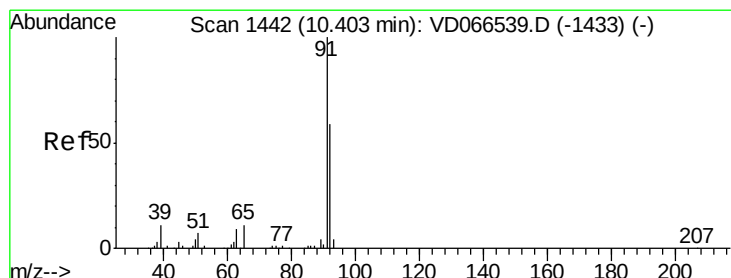
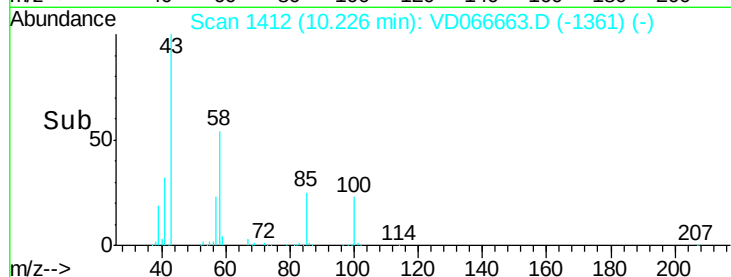
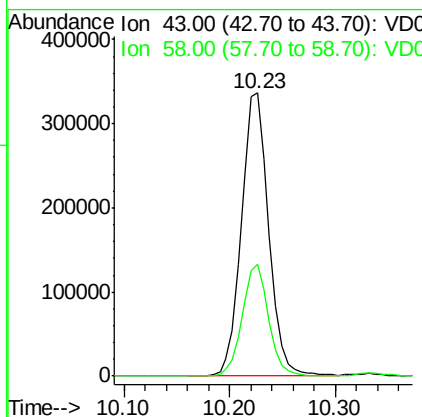
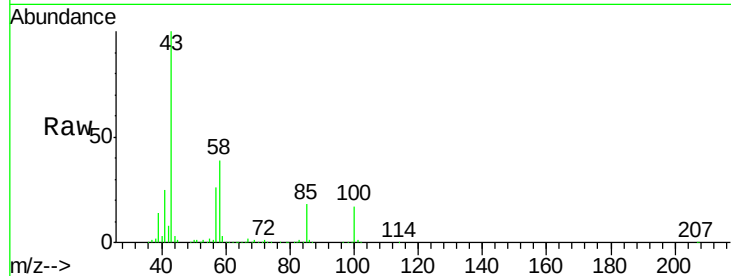
#51
4-Methyl-2-Pentanone
Concen: 265.351 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.5	45.7

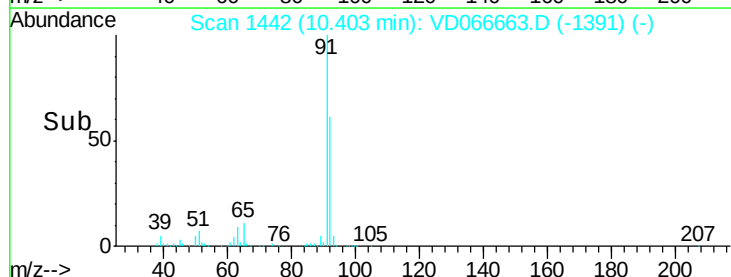
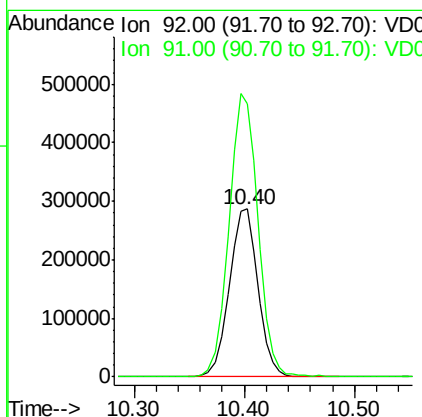
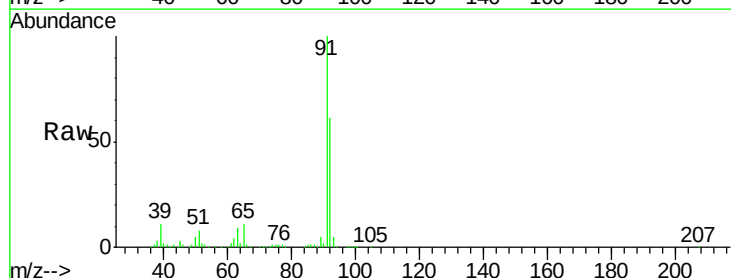
Manual Integrations
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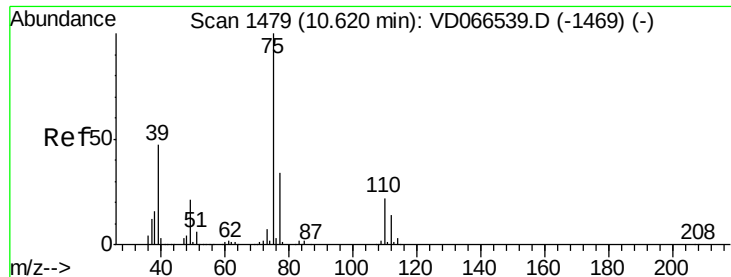
MMDadoda
9/14/2020 12:07:05 PM



#52
Toluene
Concen: 51.253 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.4	206.2





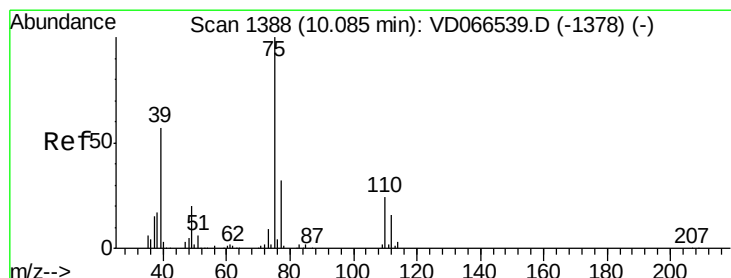
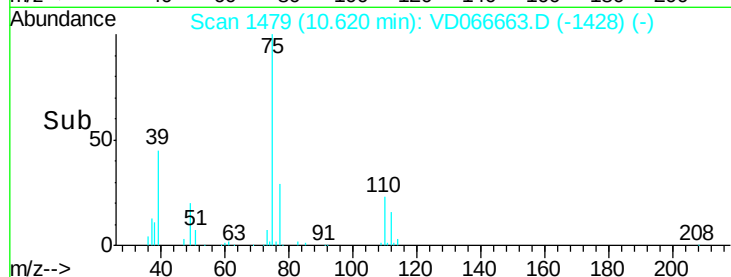
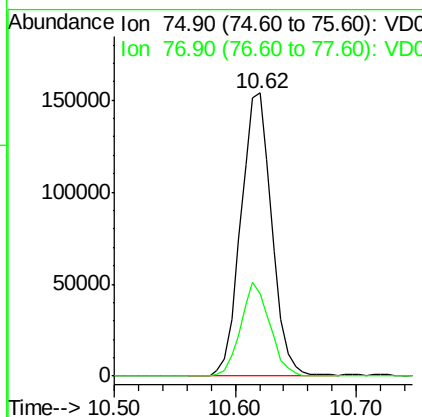
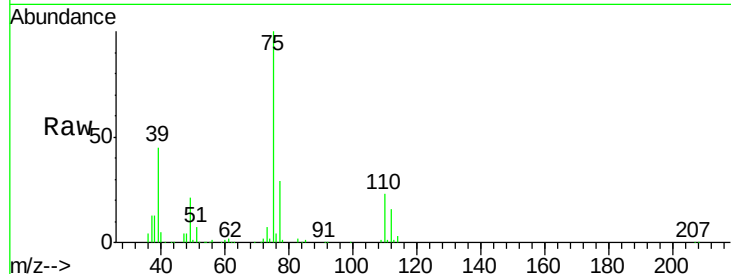
#53
t-1,3-Dichloropropene
Concen: 51.302 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 274545
Ion Ratio Lower Upper
75 100
77 28.9 27.4 41.2

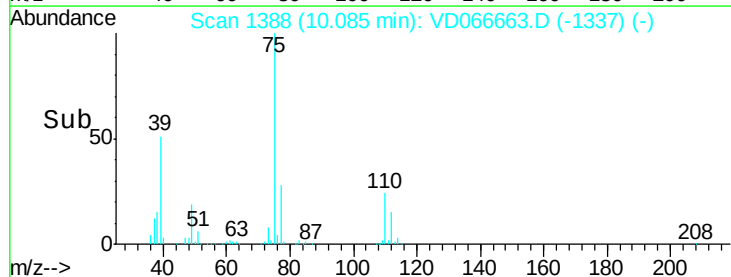
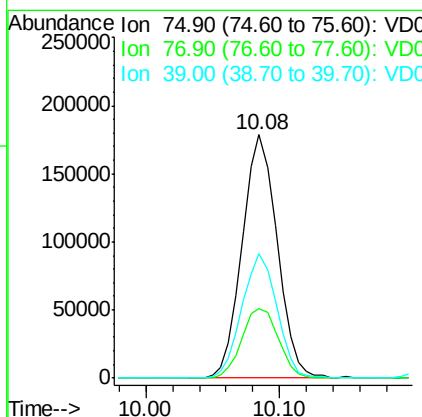
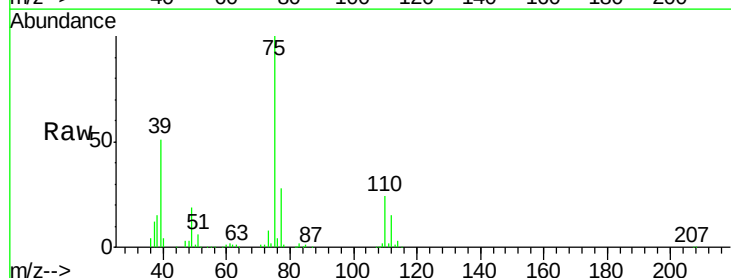
Manual Integrations
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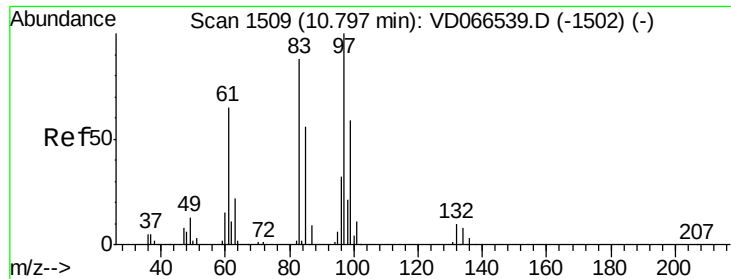
MMDadoda
9/14/2020 12:07:05 PM



#54
cis-1,3-Dichloropropene
Concen: 50.513 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 75 Resp: 324626
Ion Ratio Lower Upper
75 100
77 28.4 25.4 38.0
39 51.2 45.4 68.0





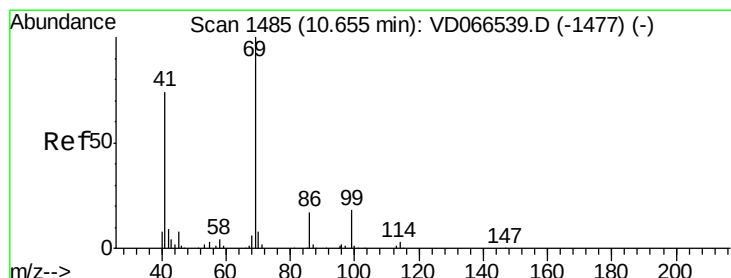
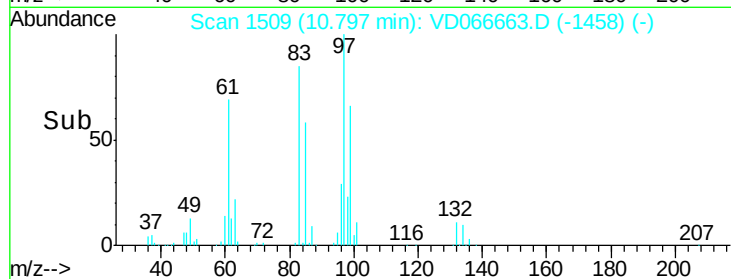
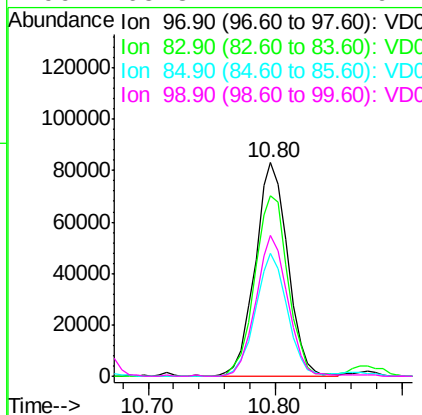
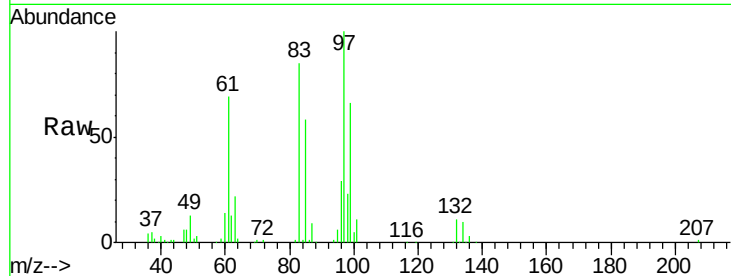
#55
 1,1,2-Trichloroethane
 Concen: 51.865 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		149421		
83	84.5	70.1	105.1		
85	57.7	44.5	66.7		
99	65.8	47.1	70.7		

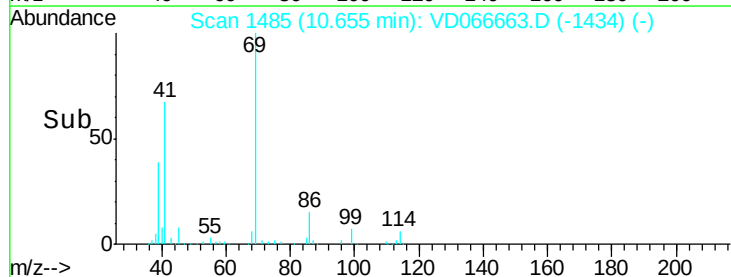
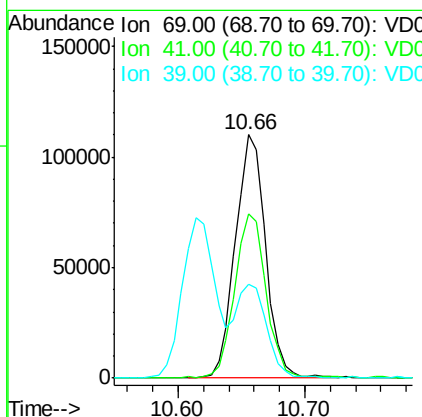
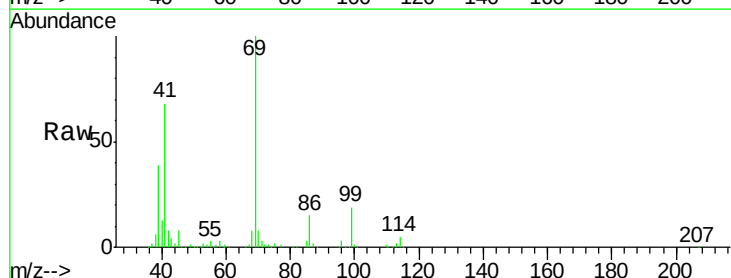
Manual Integrations
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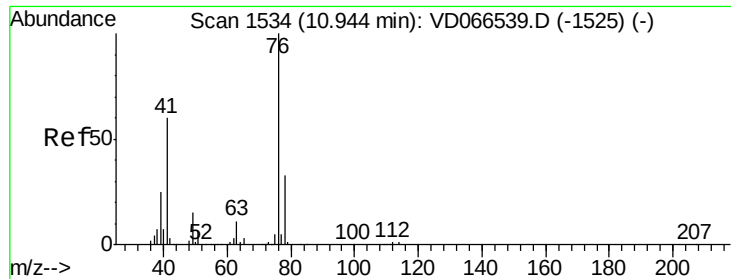
MMDadoda
 9/14/2020 12:07:05 PM



#56
 Ethyl methacrylate
 Concen: 54.256 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		181996		
41	69.7	56.8	85.2		
39	39.5	30.6	46.0		





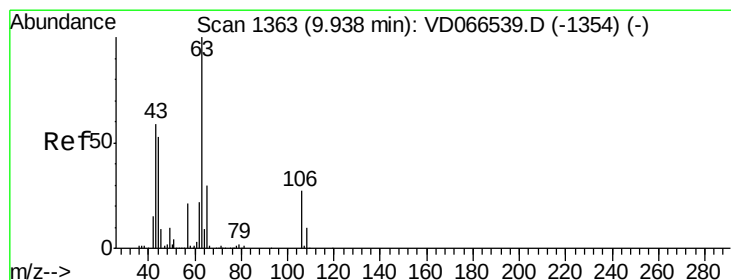
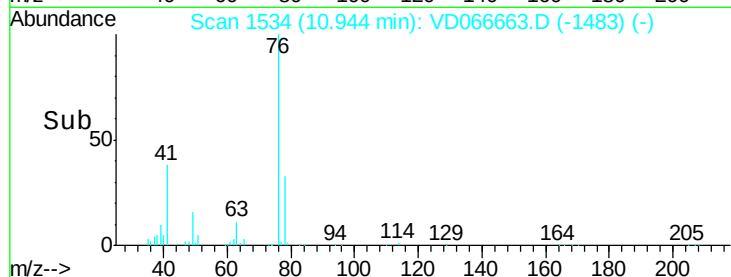
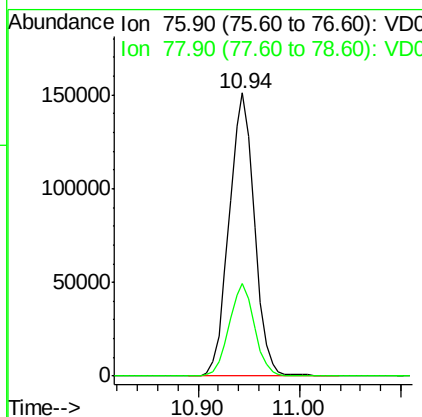
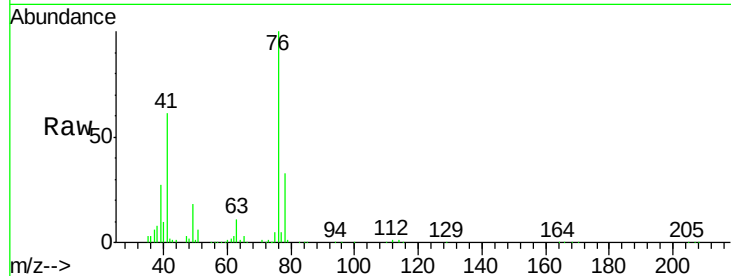
#57
 1,3-Dichloropropane
 Concen: 51.964 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 262219
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

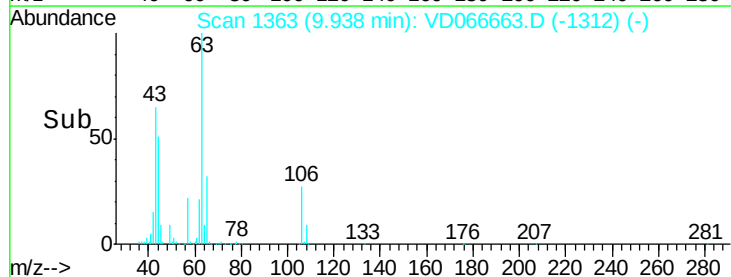
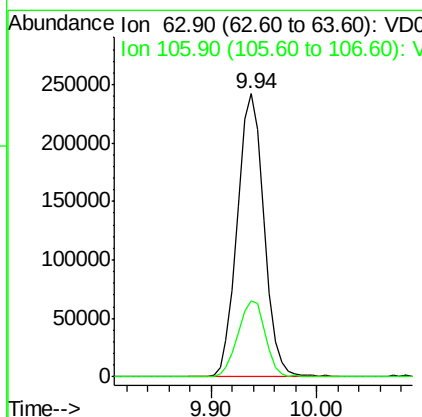
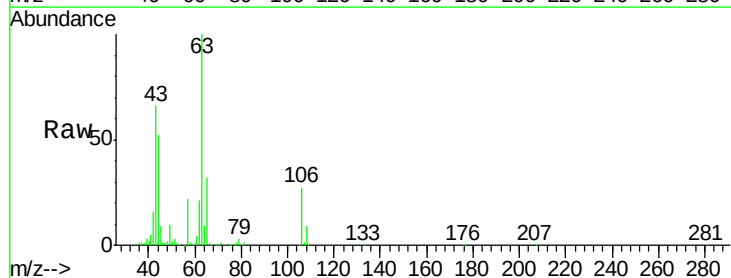
Manual Integrations
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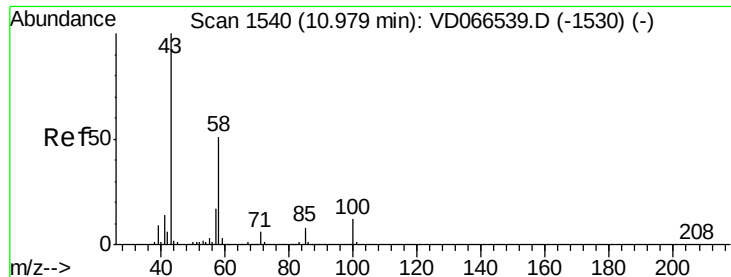
MMDadoda
 9/14/2020 12:07:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.640 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion: 63 Resp: 422909
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.0 33.0





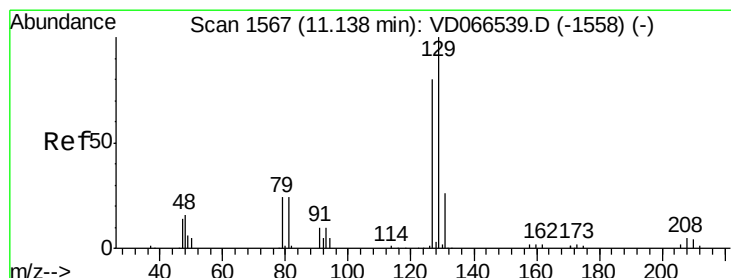
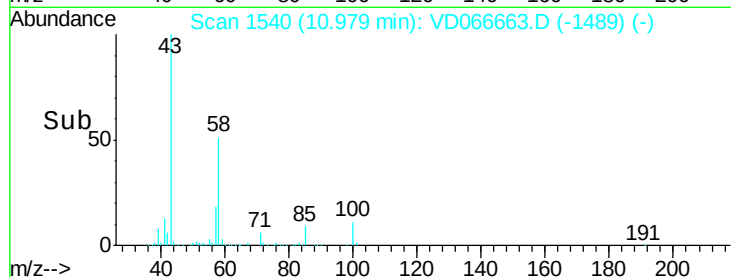
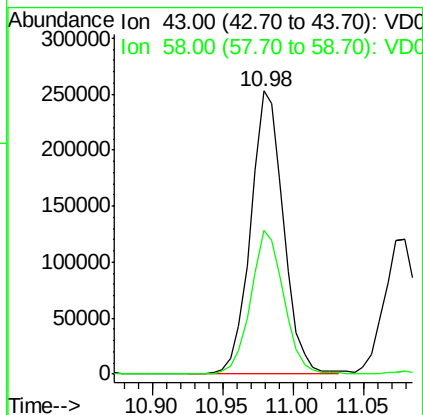
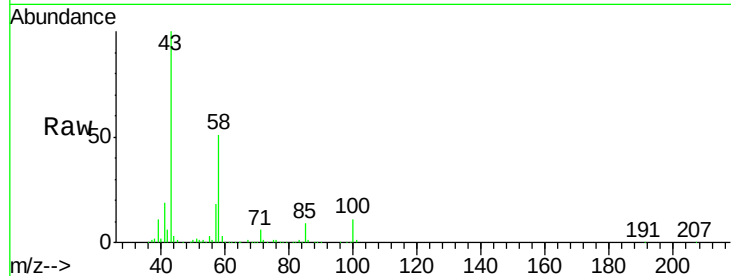
#59
2-Hexanone
Concen: 271.003 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 413570
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8

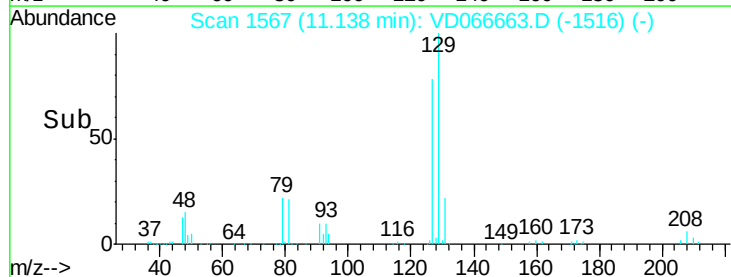
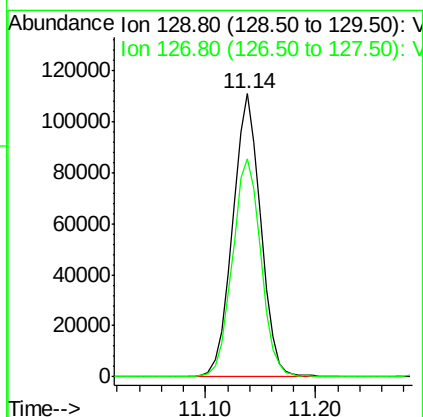
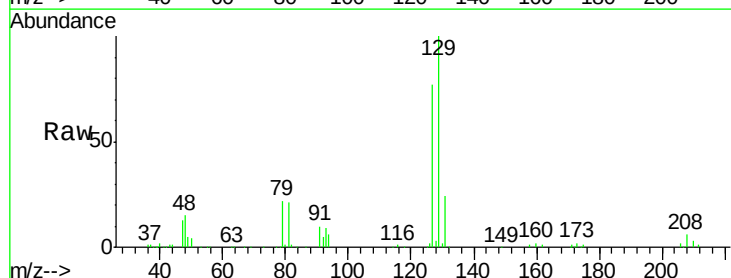
Manual Integrations
APPROVED

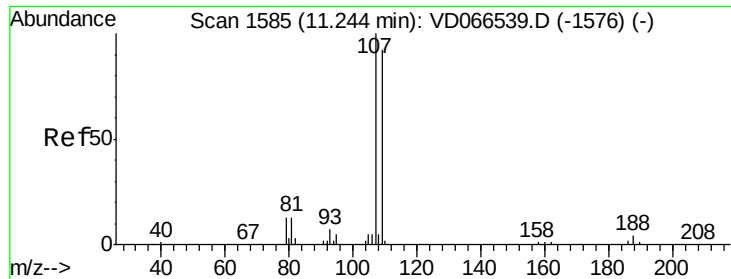
MMDadoda
9/14/2020 12:07:05 PM



#60
Dibromochloromethane
Concen: 51.913 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 129 Resp: 197769
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3





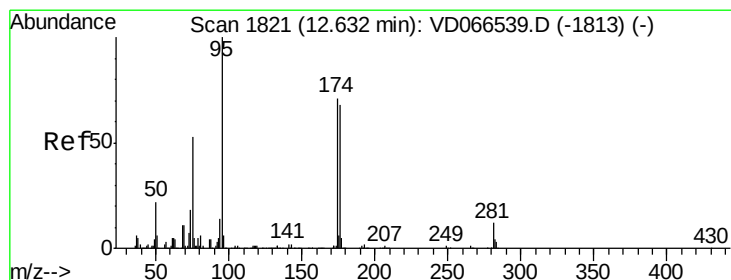
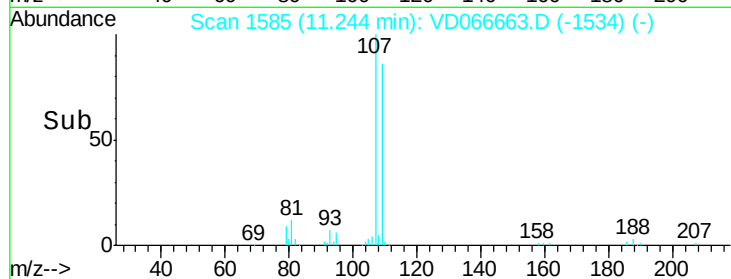
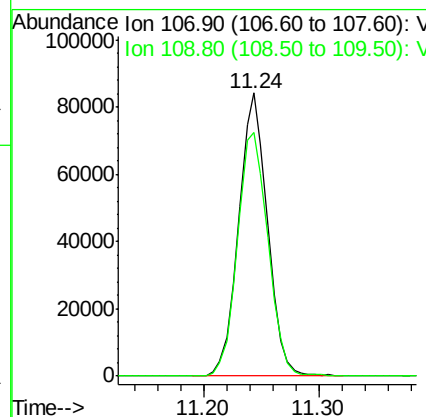
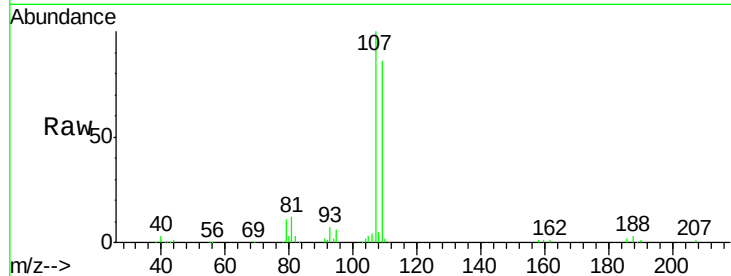
#61
 1,2-Dibromoethane
 Concen: 51.704 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	74.4	111.6

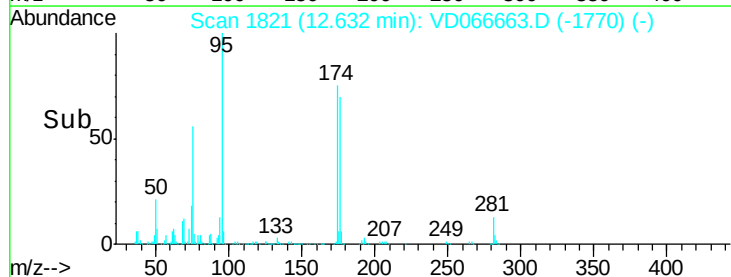
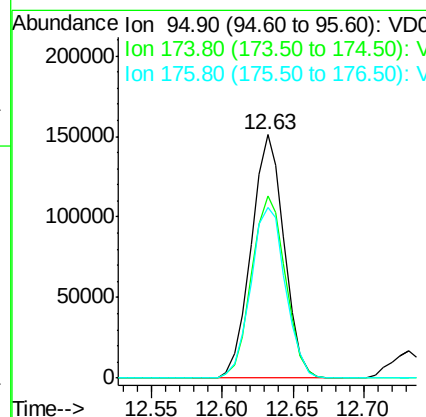
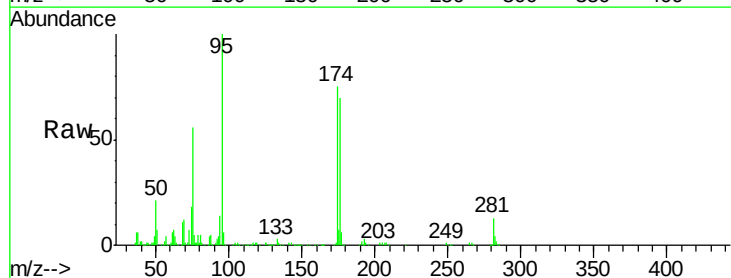
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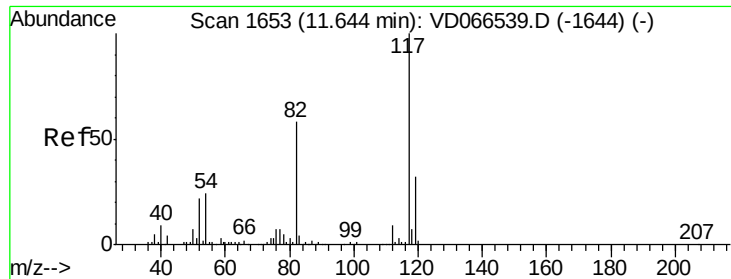
MMDadoda
 9/14/2020 12:07:05 PM



#62
 4-Bromofluorobenzene
 Concen: 54.729 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	155.8
176	73.5	0.0	148.6





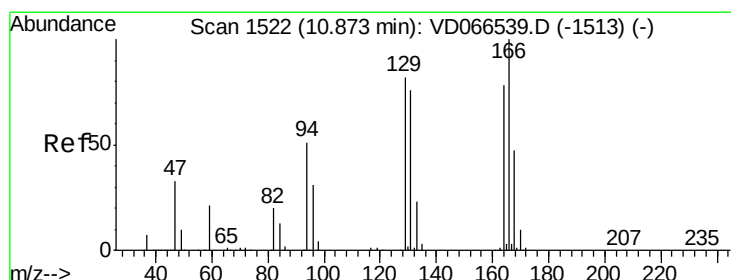
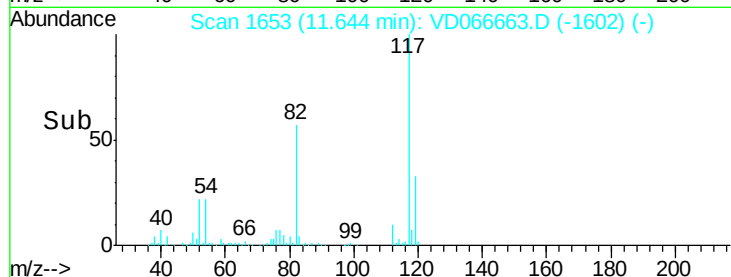
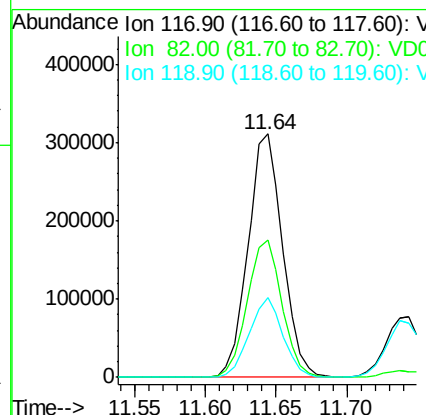
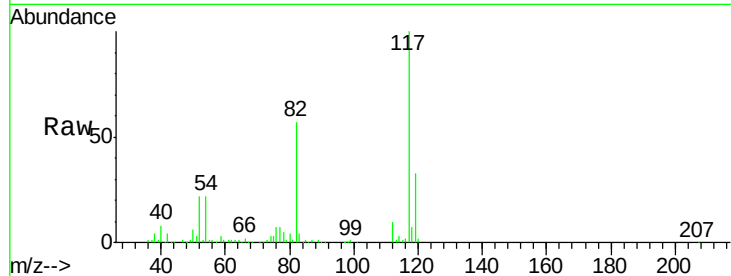
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.2	69.2
119	33.0	25.8	38.8

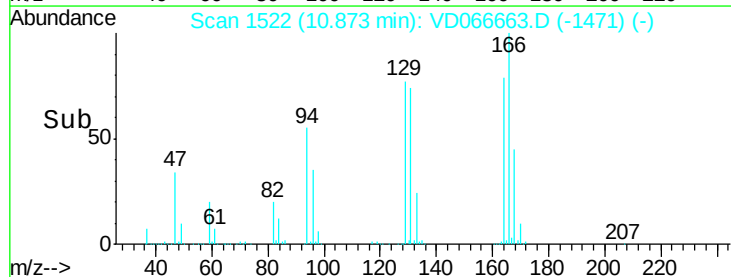
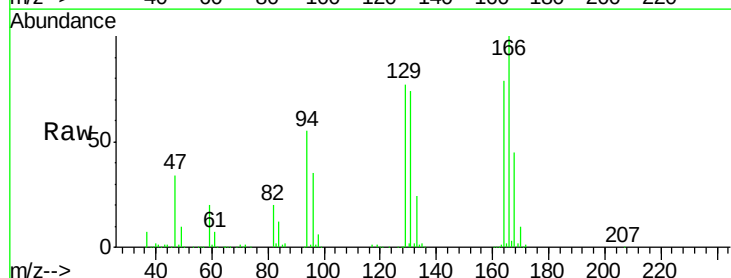
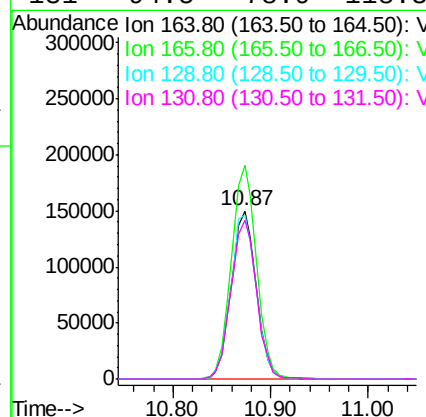
Manual Integrations
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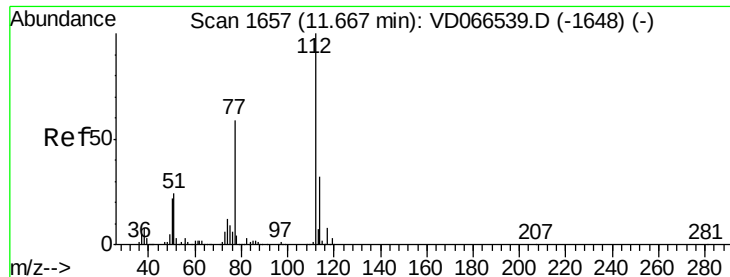
MMDadoda
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#64
Tetrachloroethene
Concen: 74.151 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.2	154.8
129	97.7	84.5	126.7
131	94.5	78.9	118.3





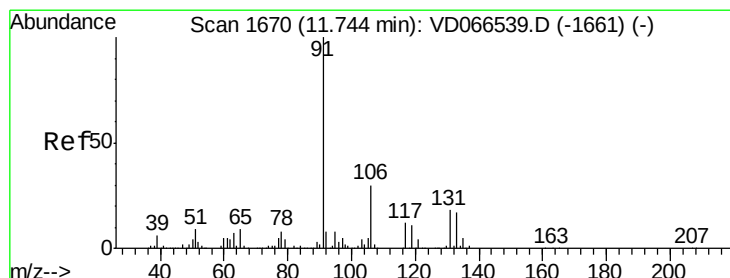
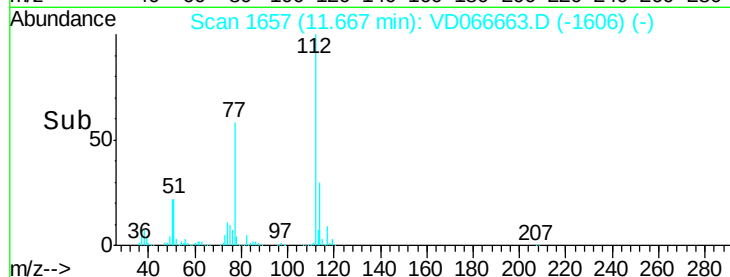
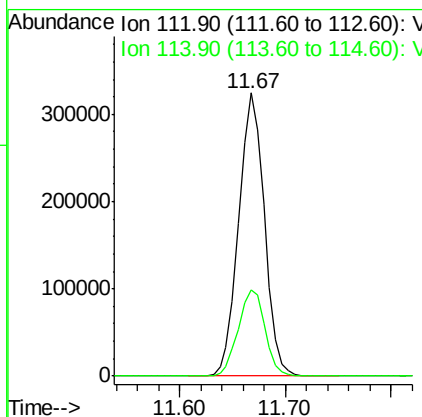
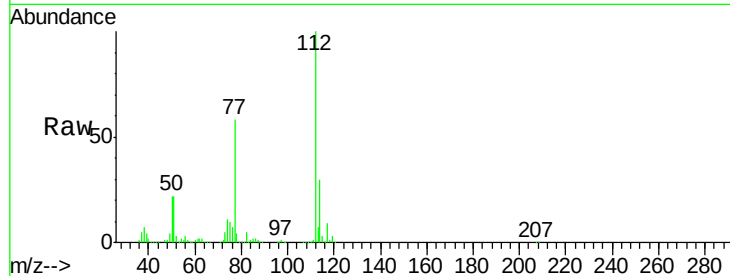
#65
Chlorobenzene
Concen: 49.653 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.7	38.5

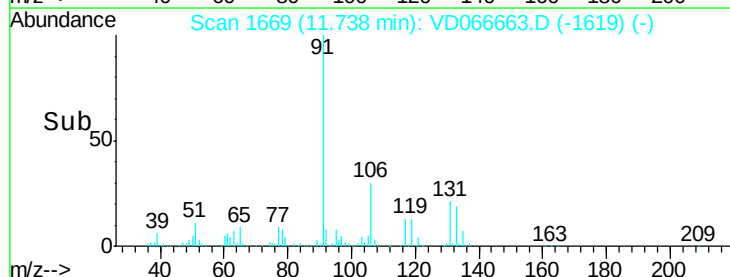
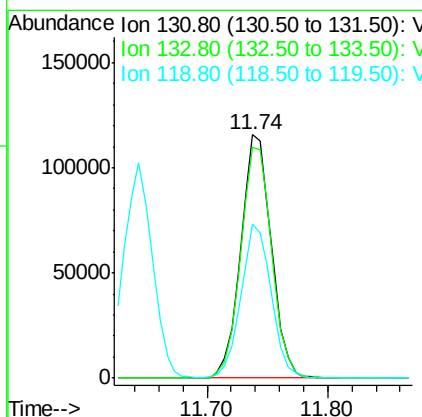
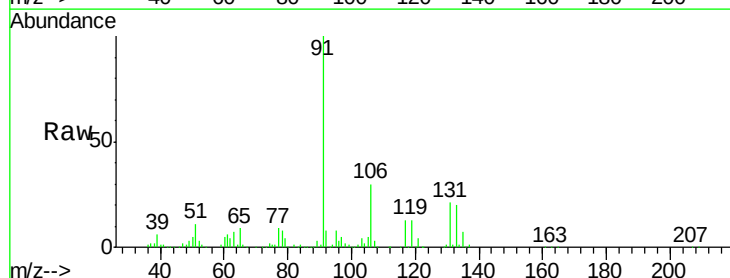
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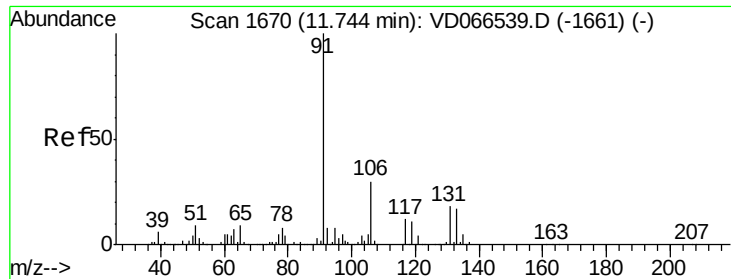
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.488 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	46.7	140.0
119	62.8	31.9	95.7





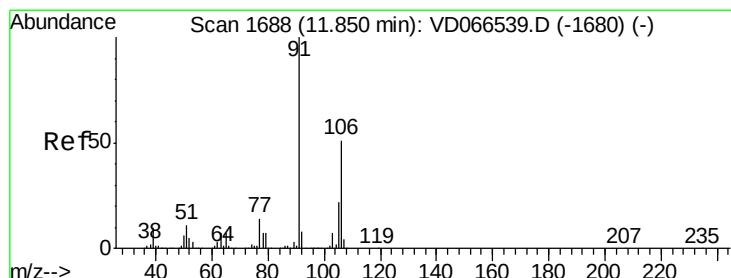
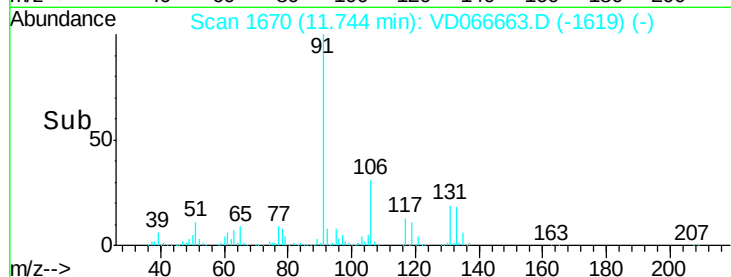
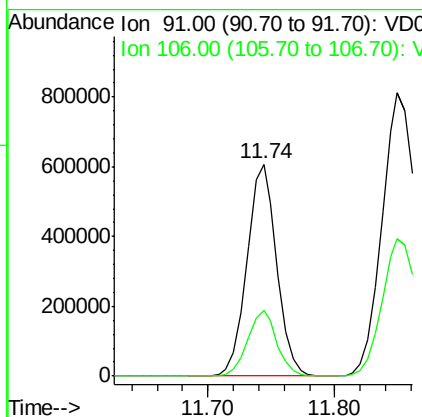
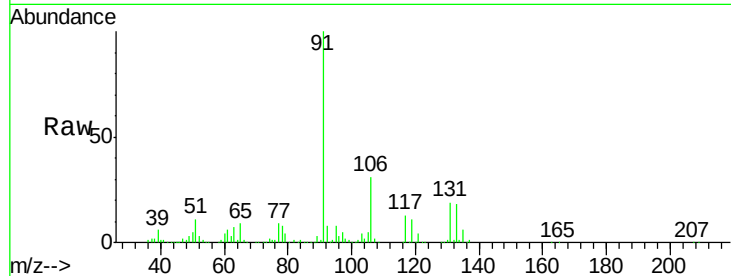
#67
Ethyl Benzene
Concen: 48.834 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 986573
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

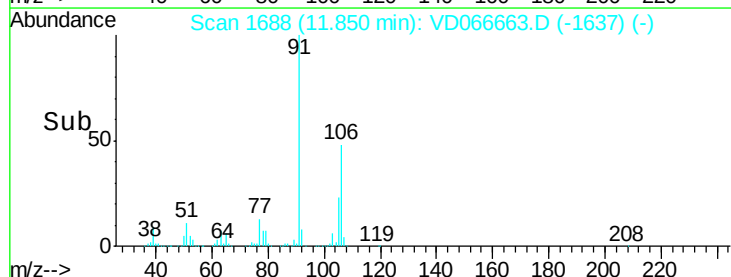
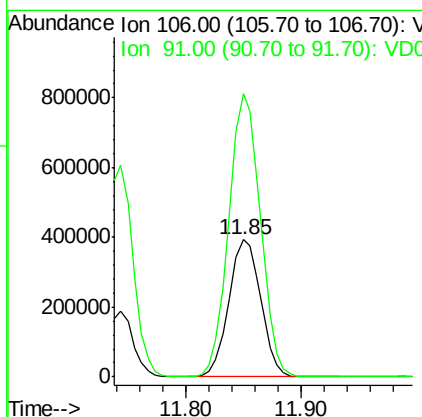
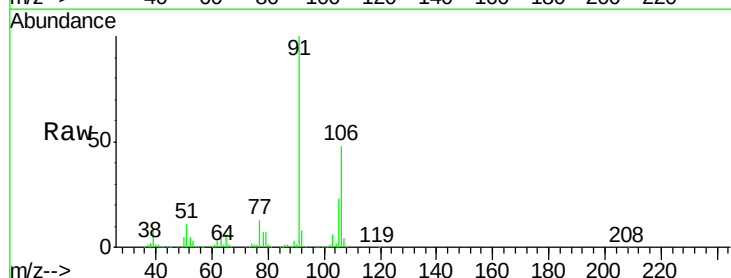
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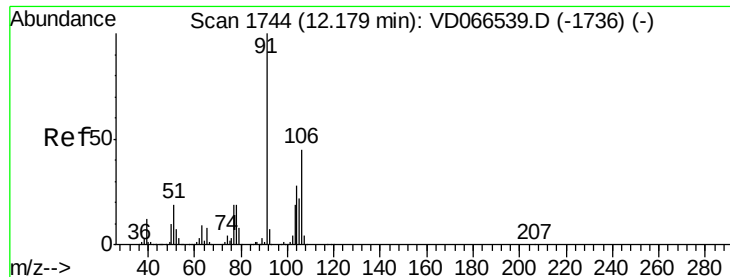
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#68
m/p-Xylenes
Concen: 100.490 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 106 Resp: 753805
Ion Ratio Lower Upper
106 100
91 203.7 162.4 243.6





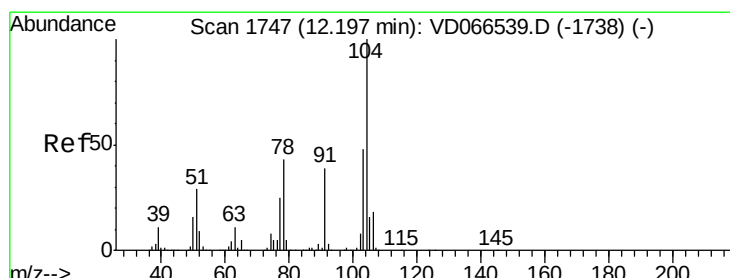
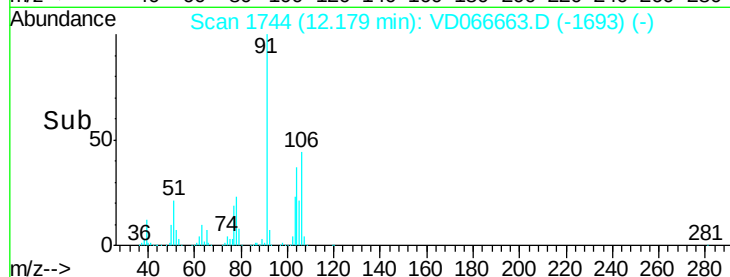
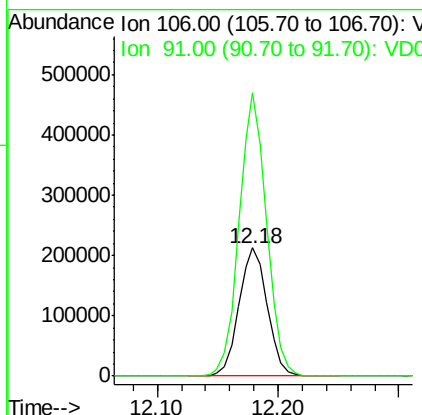
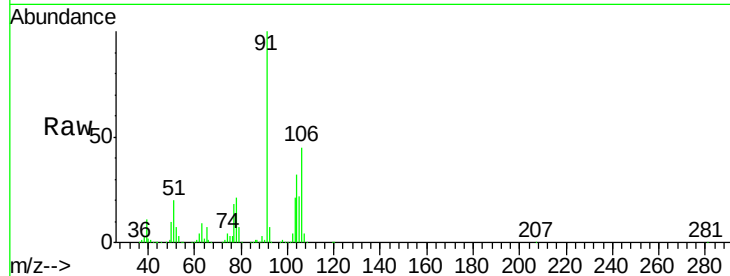
#69
o-Xylene
Concen: 51.477 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 346058
Ion Ratio Lower Upper
106 100
91 214.4 107.9 323.8

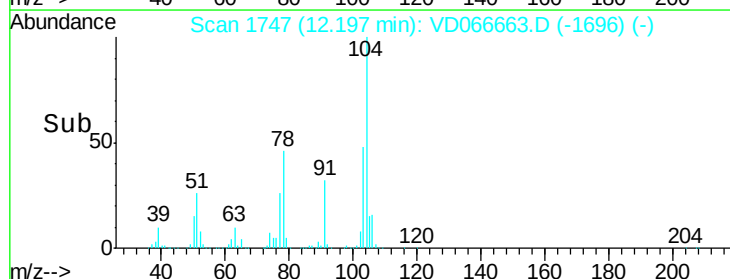
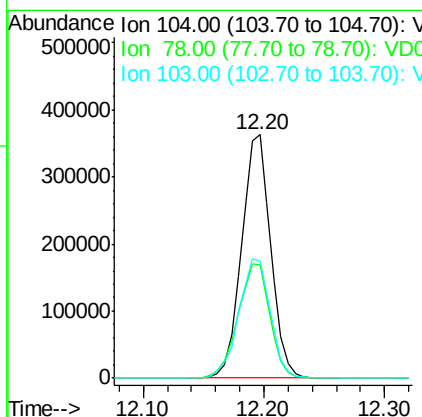
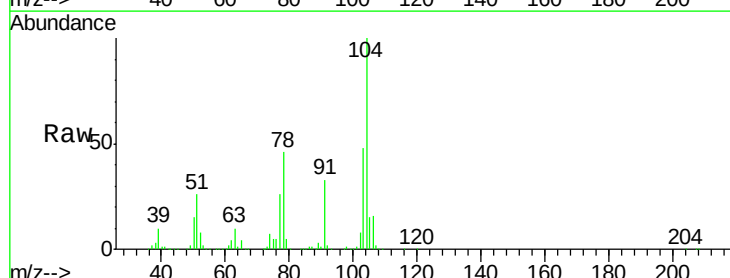
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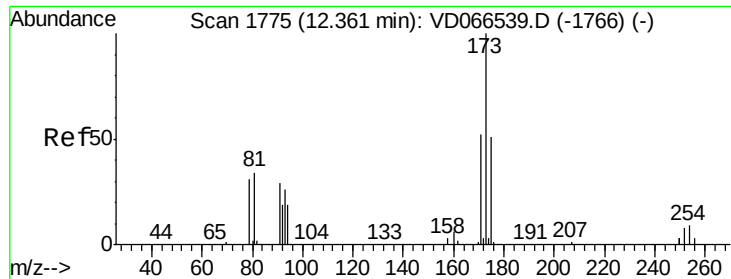
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#70
Styrene
Concen: 52.034 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion:104 Resp: 608142
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 53.4 42.9 64.3





#71

Bromoform

Concen: 49.255 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

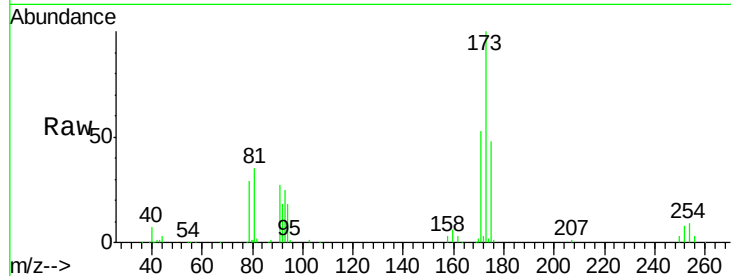
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.2	72.6
254	0.1	0.0	0.0

Manual Integrations
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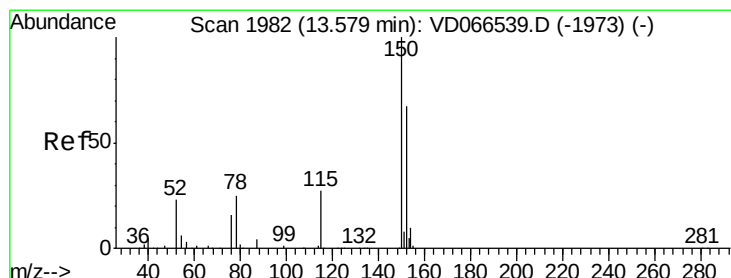
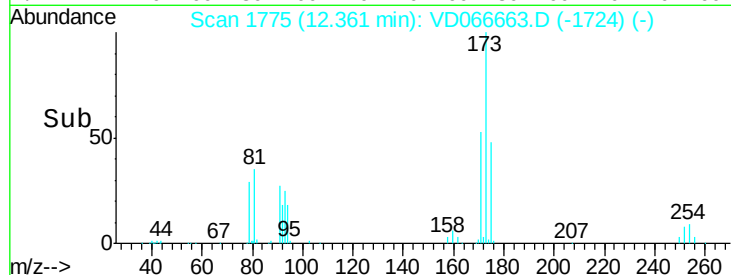
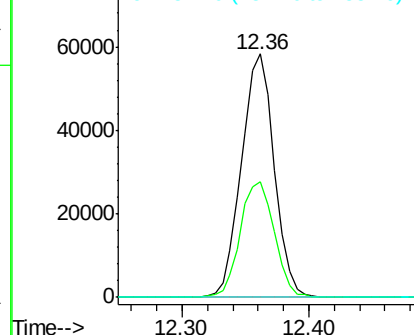


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

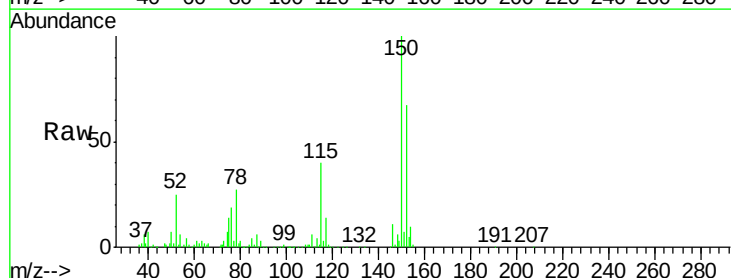
RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.4	91.2
150	170.8	0.0	345.8

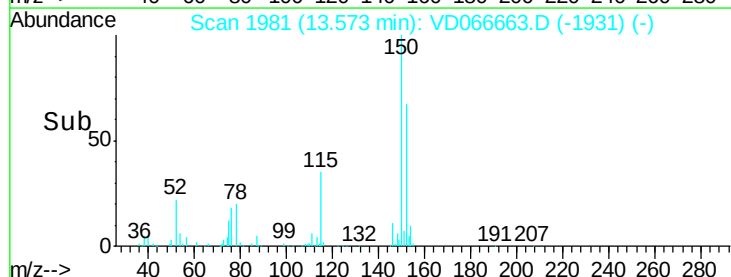
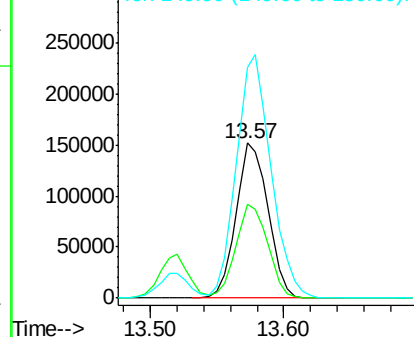


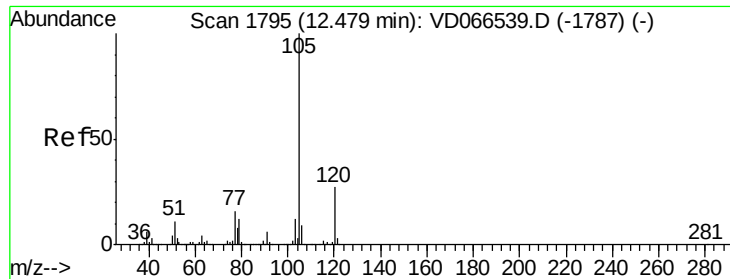
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





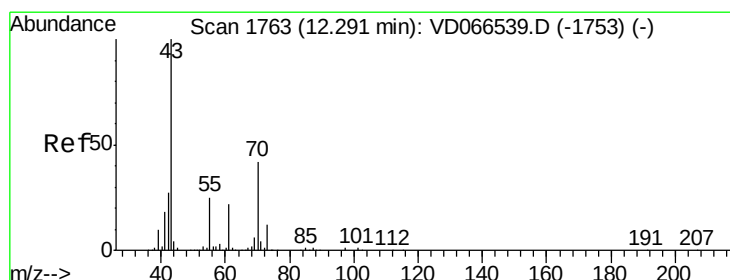
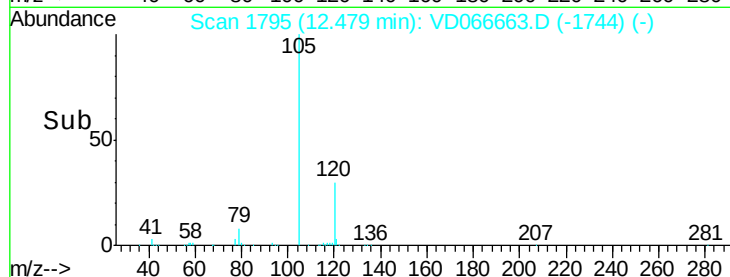
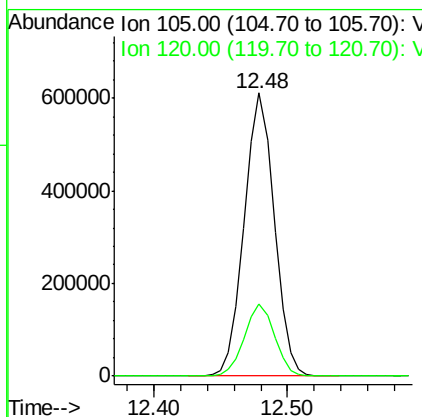
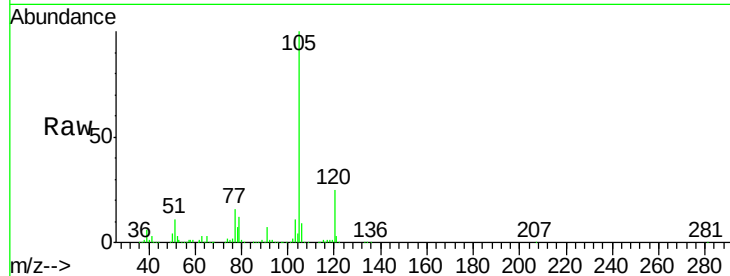
#73
Isopropylbenzene
Concen: 50.909 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.0	39.0

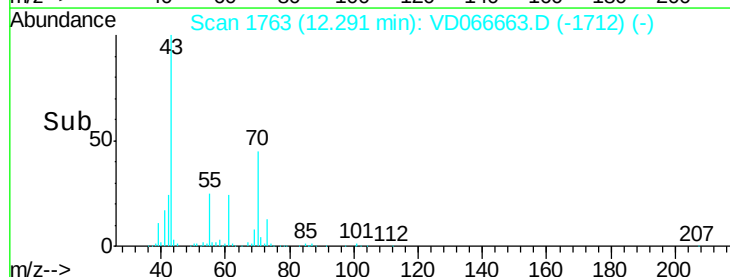
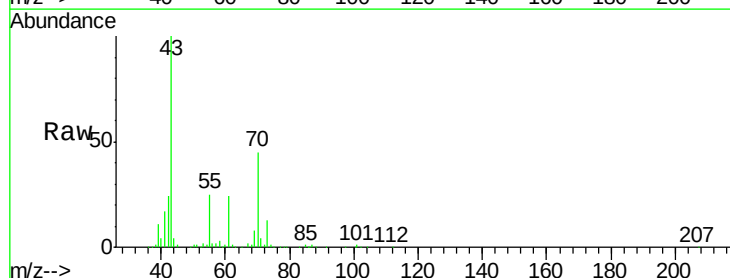
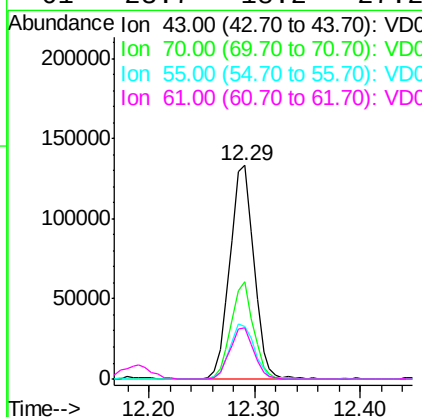
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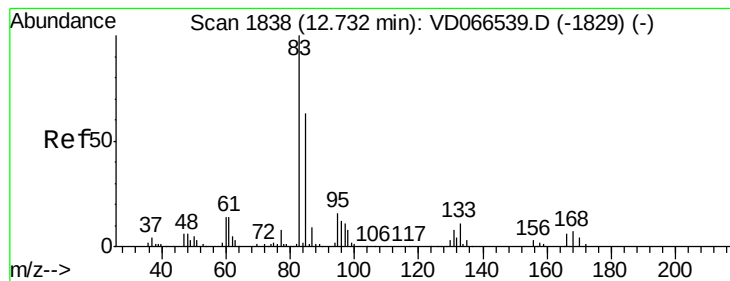
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#74
N-ethyl acetate
Concen: 49.731 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.3	33.4	50.2
55	26.5	20.1	30.1
61	23.7	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.557 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

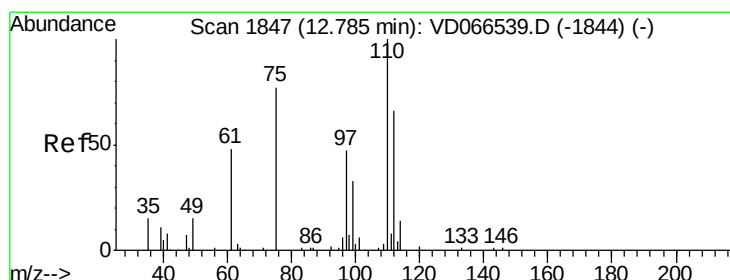
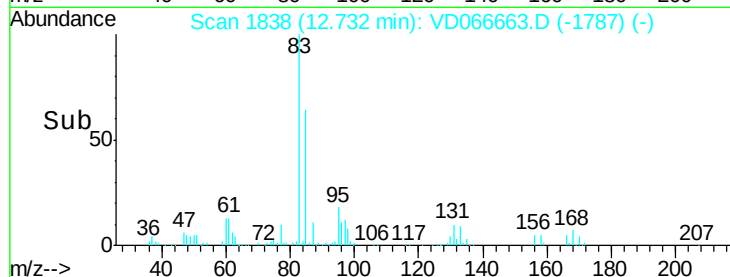
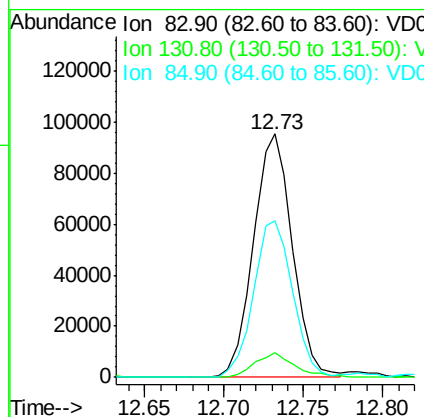
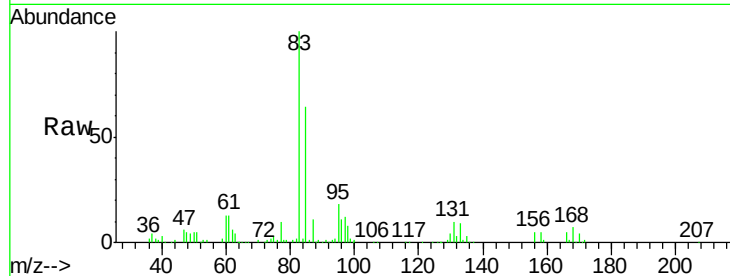
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163023
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	64.6	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.804 ug/l m

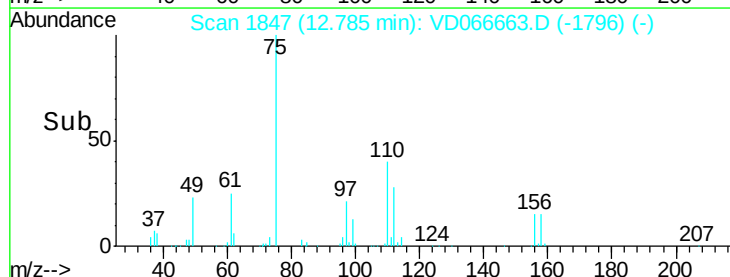
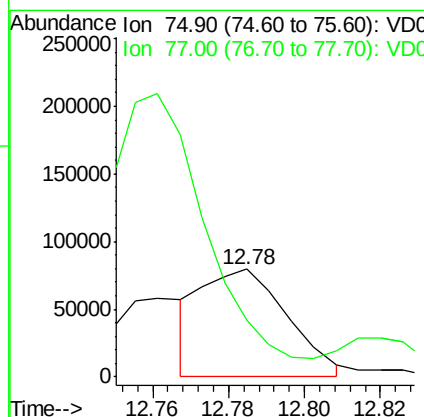
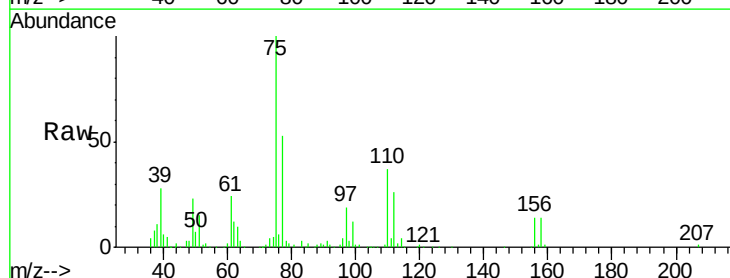
RT: 12.78 min Scan# 1847

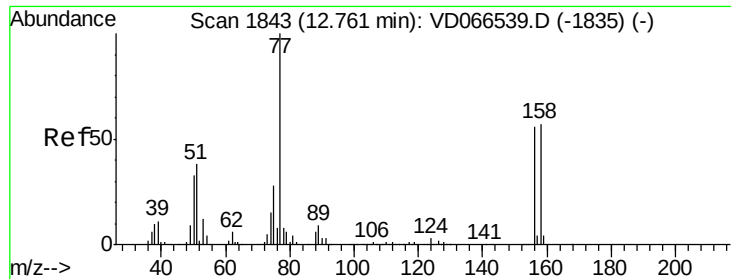
Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Tgt Ion:	75	Resp:	125297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.850 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 211092

Ion Ratio Lower Upper

156 100

77 190.7 98.0 294.1

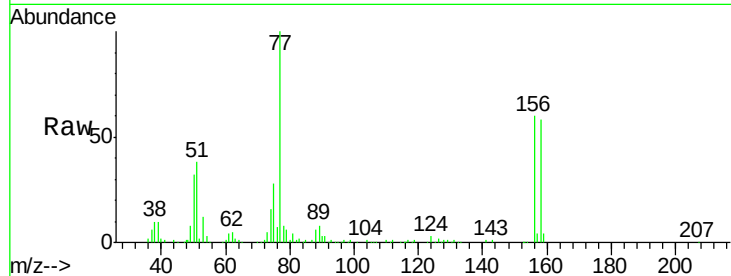
158 96.4 48.1 144.3

Manual Integrations

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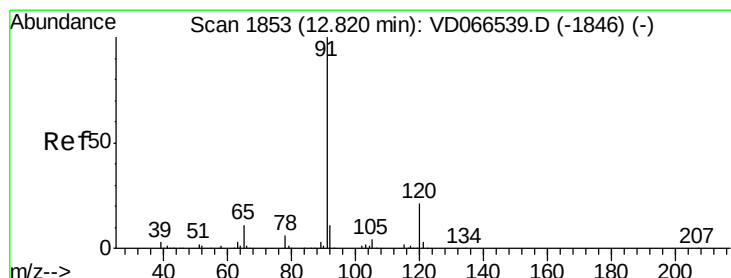
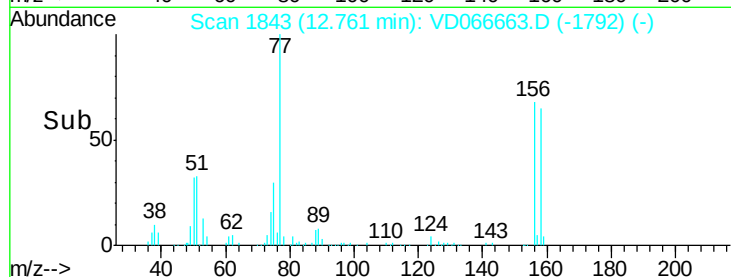
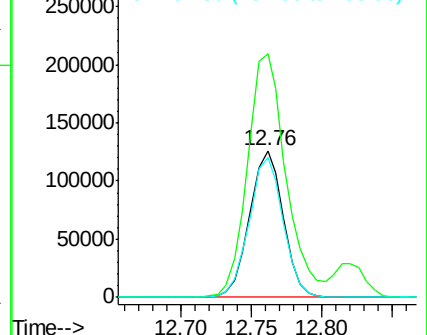
9/14/2020 12:07:05 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.586 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066663.D

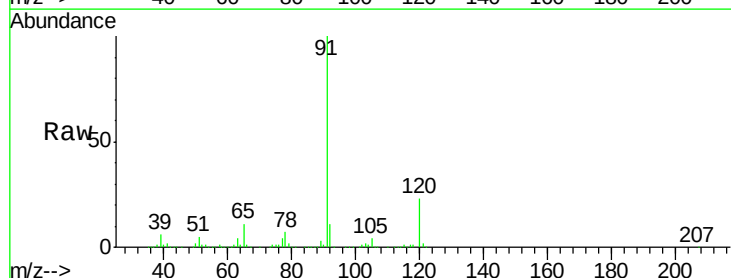
Acq: 11 Sep 2020 21:58

Tgt Ion: 91 Resp: 1119280

Ion Ratio Lower Upper

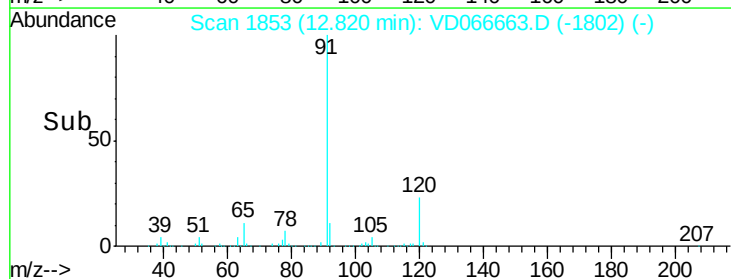
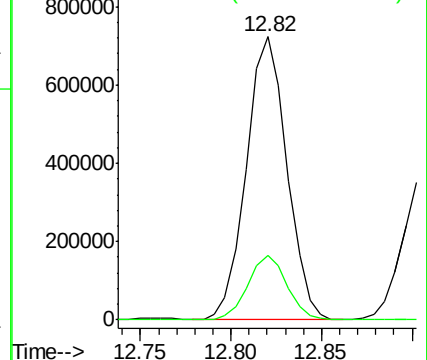
91 100

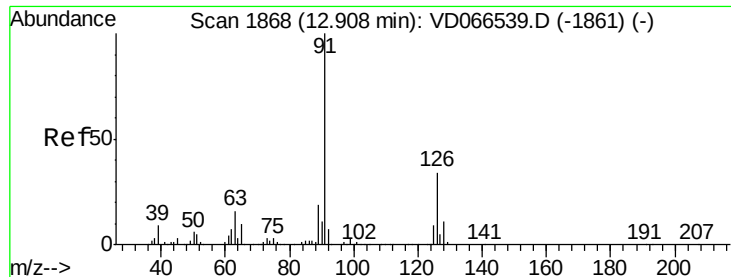
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





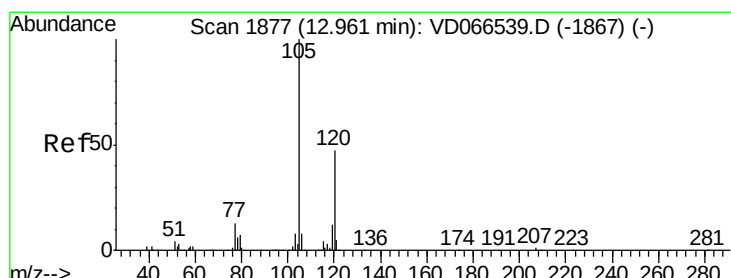
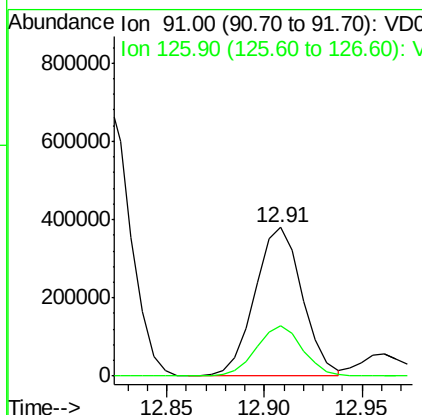
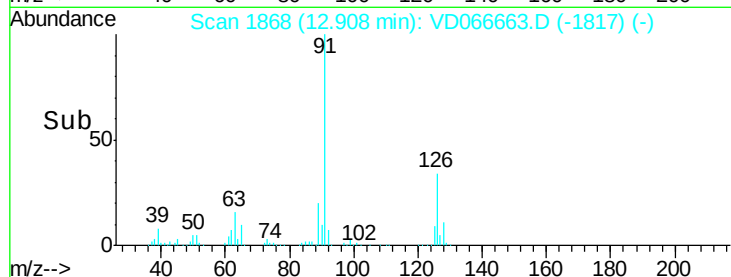
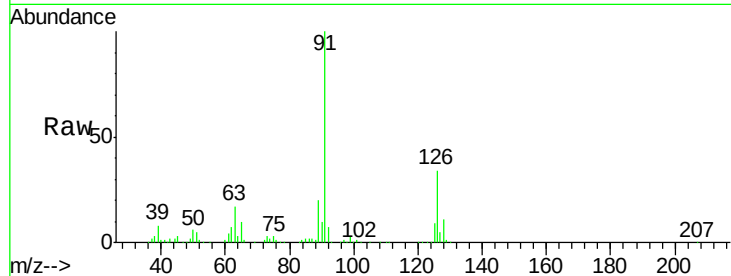
#79
2-Chlorotoluene
Concen: 50.253 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 636362
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4

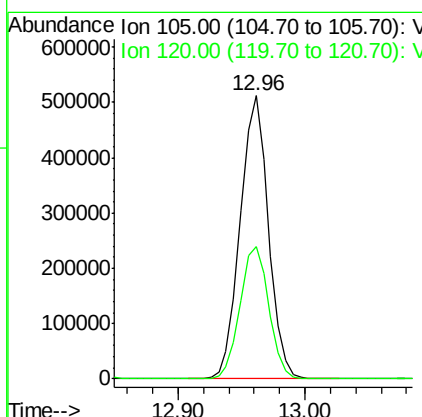
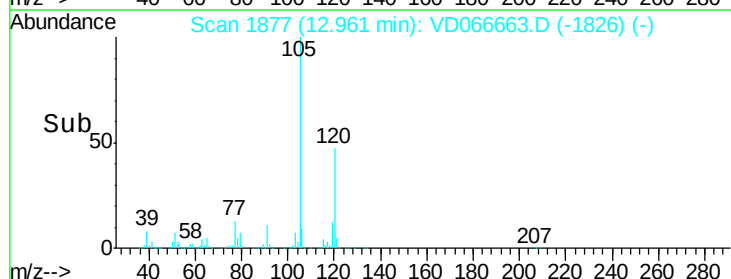
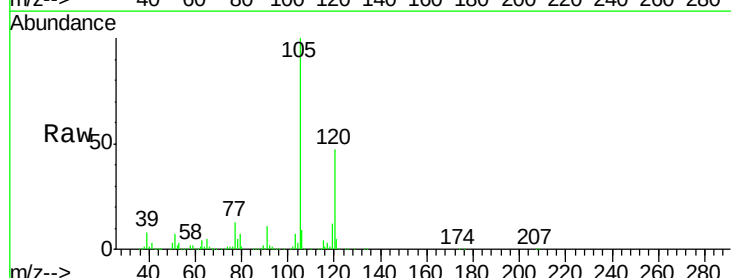
Manual Integrations
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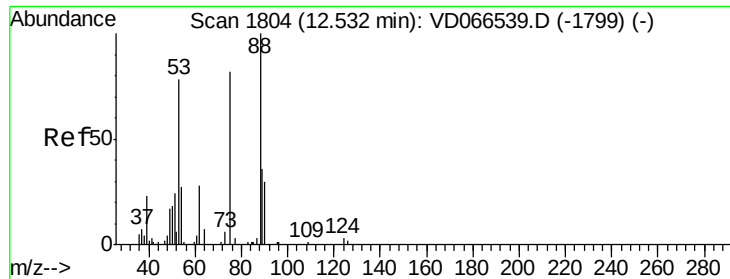
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.226 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion: 105 Resp: 787141
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.8





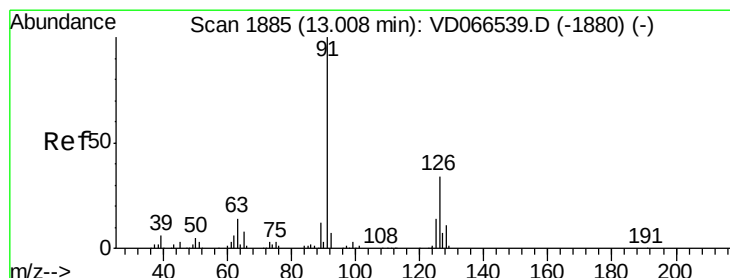
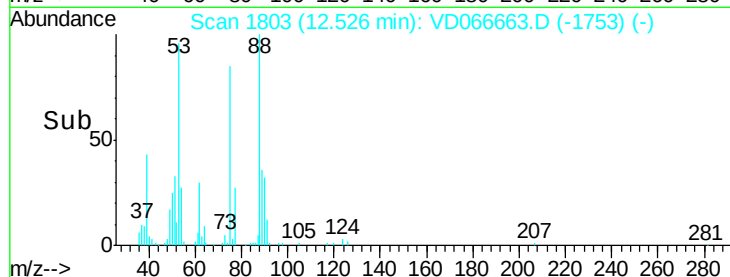
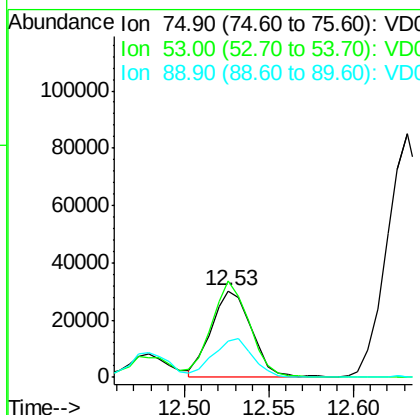
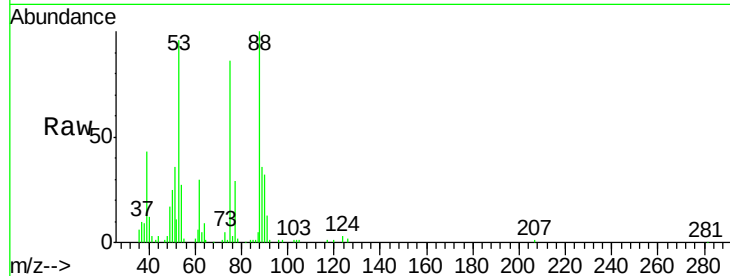
#81
trans-1,4-Dichloro-2-butene
Concen: 48.650 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.2	87.0	130.4
89	43.7	37.1	55.7

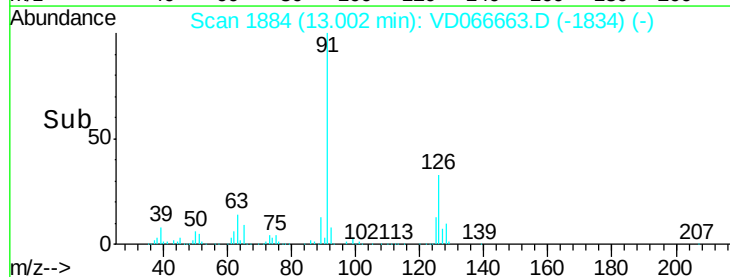
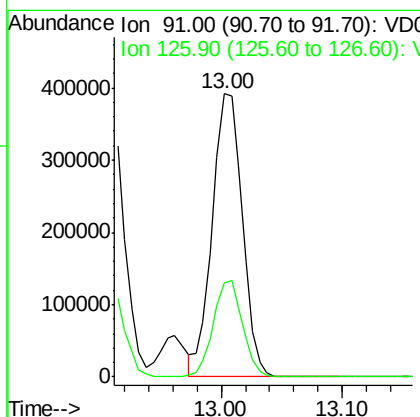
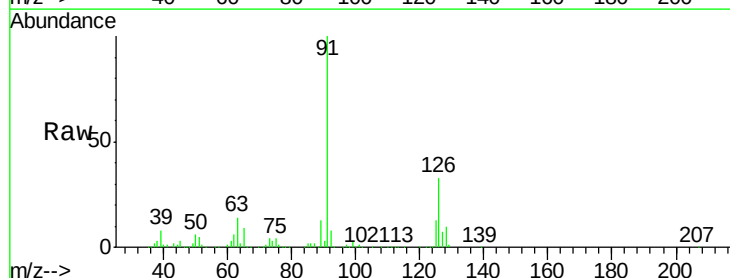
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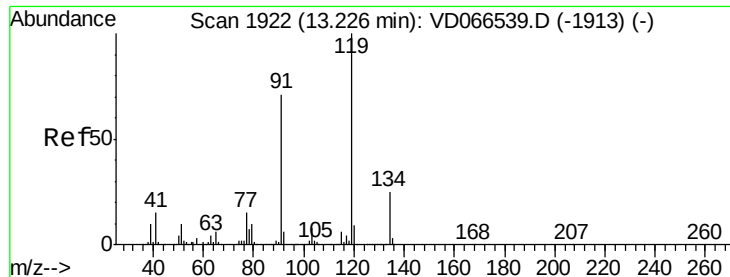
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9/14/2020 12:07:05 PM



#82
4-Chlorotoluene
Concen: 49.652 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.1





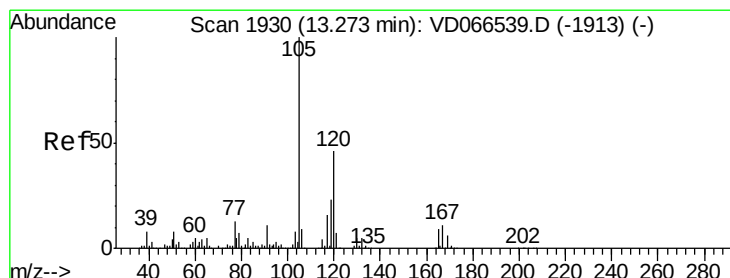
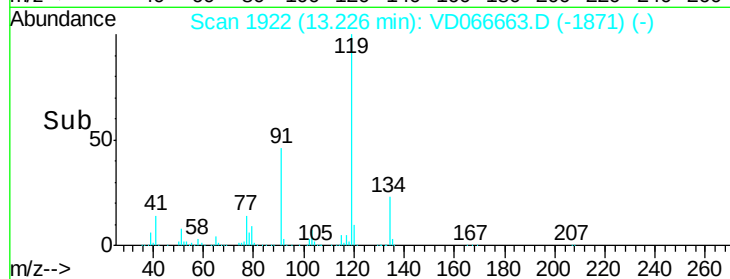
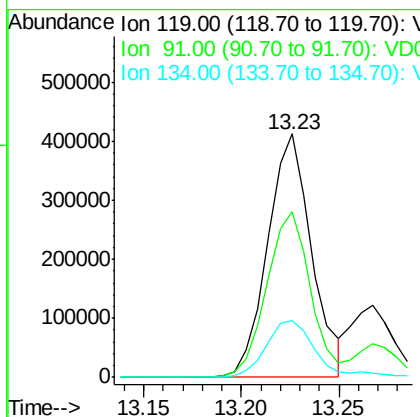
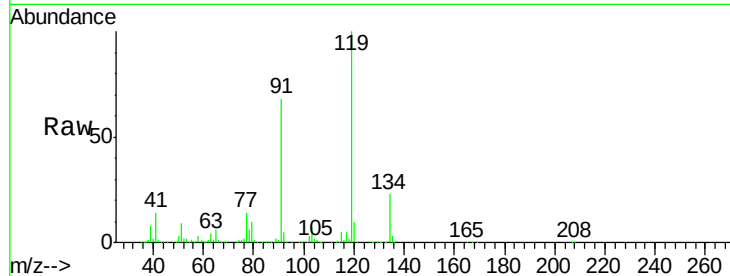
#83
 tert-Butylbenzene
 Concen: 50.395 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	35.2	105.6
134	26.6	13.5	40.5

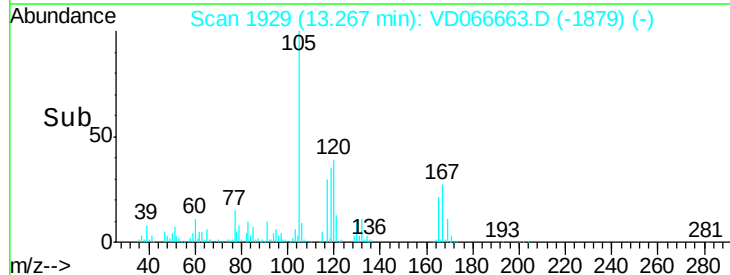
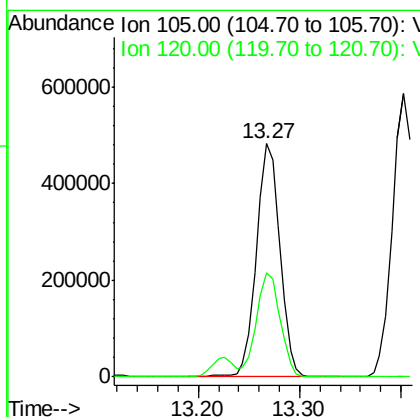
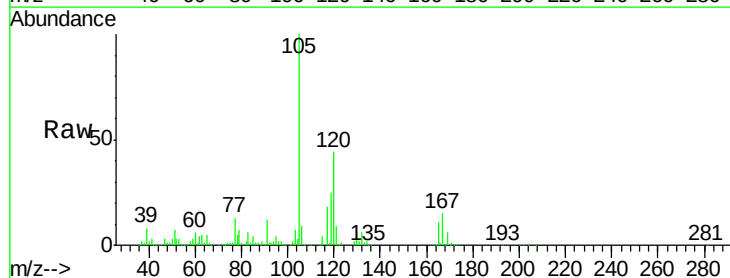
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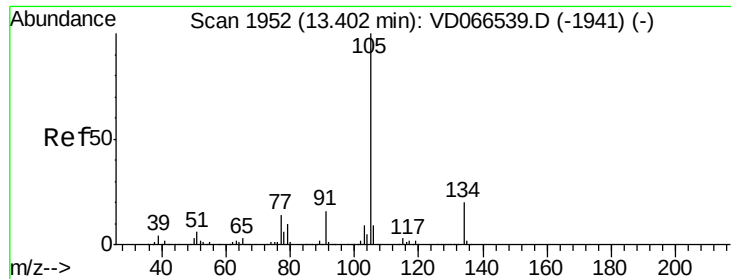
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.901 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 48.651 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 897054

Ion Ratio Lower Upper

105 100

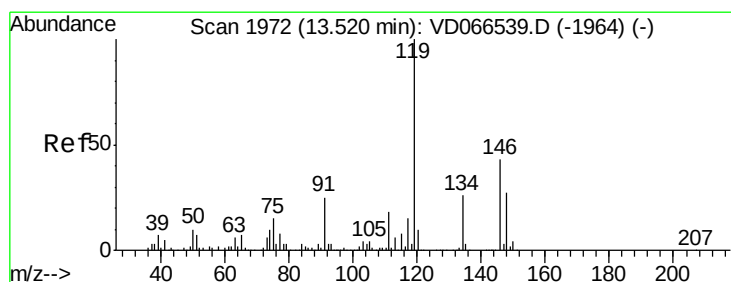
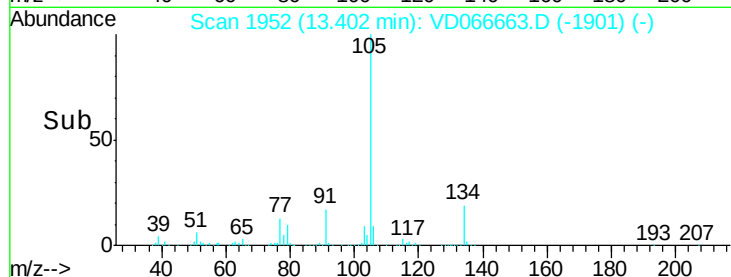
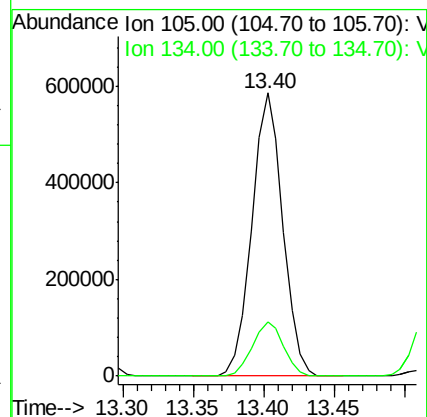
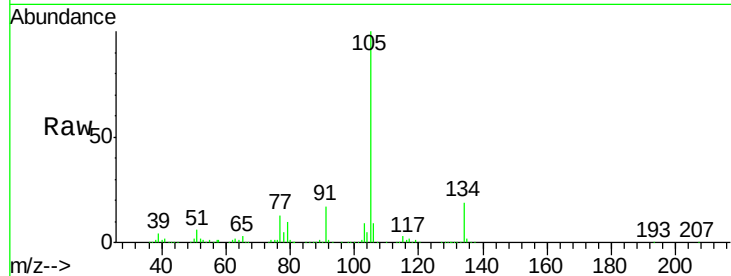
134 19.7 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.584 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066663.D

Acq: 11 Sep 2020 21:58

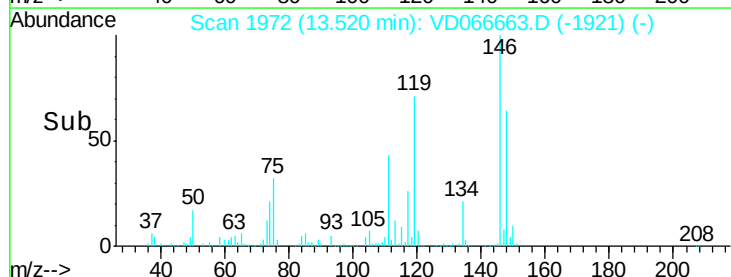
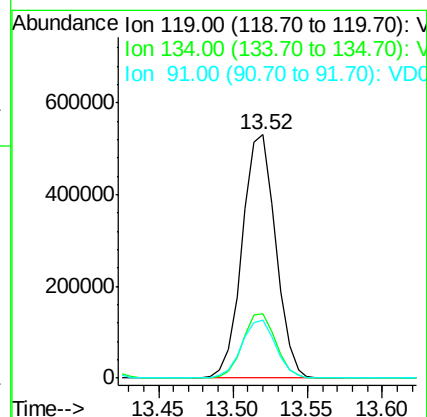
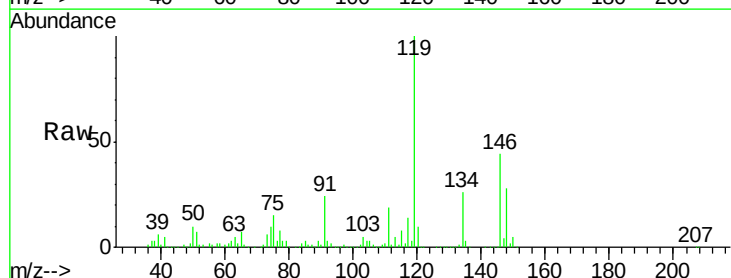
Tgt Ion:119 Resp: 822895

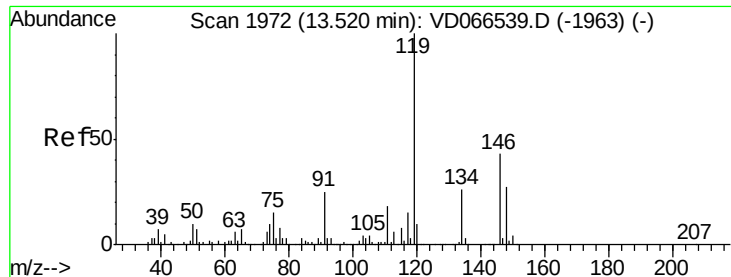
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.0

91 24.4 12.5 37.5





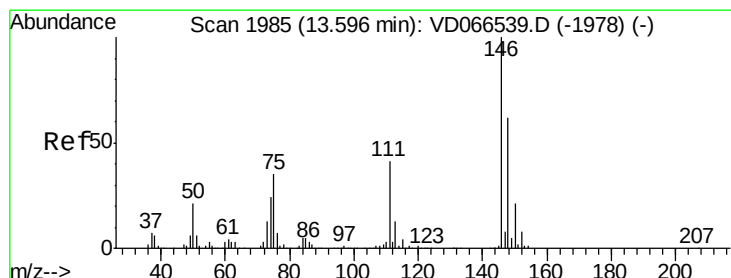
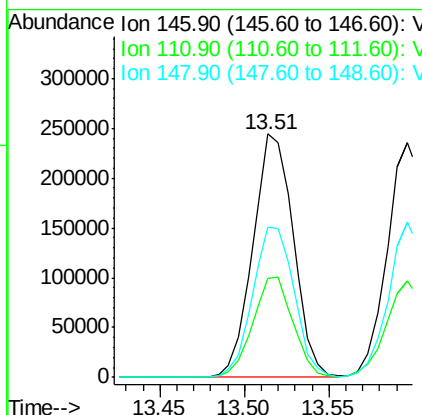
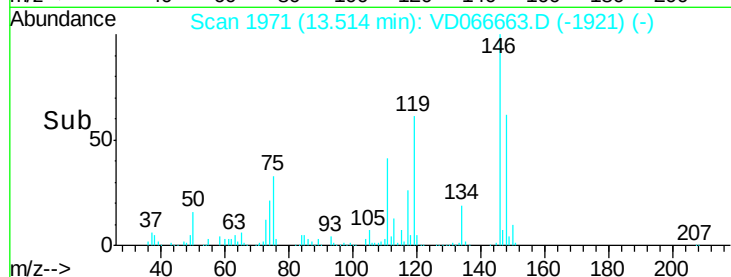
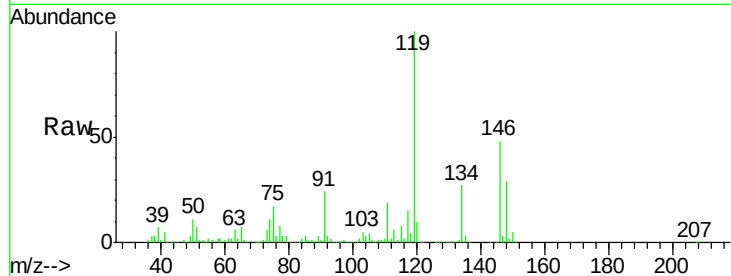
#87
 1,3-Dichlorobenzene
 Concen: 49.464 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	63.1	32.1	96.3

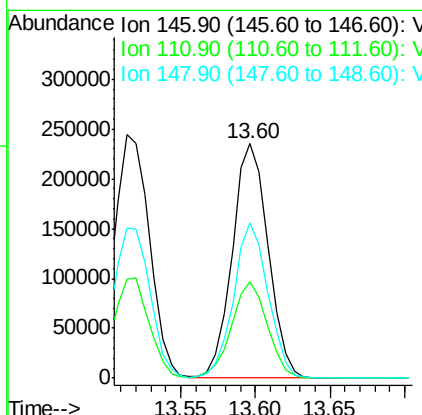
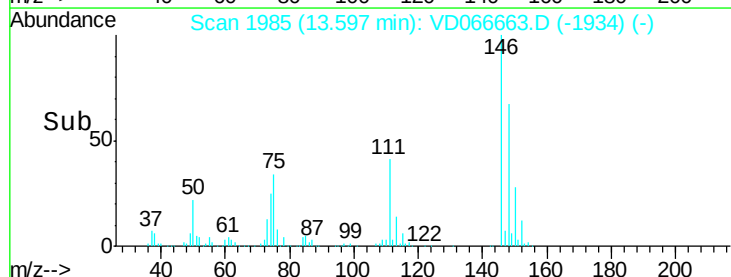
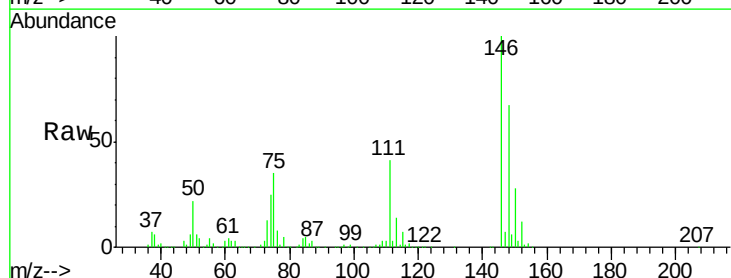
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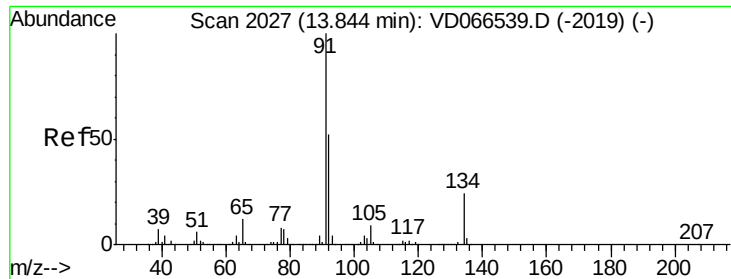
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#88
 1,4-Dichlorobenzene
 Concen: 47.610 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.1	60.2
148	63.6	31.6	94.8





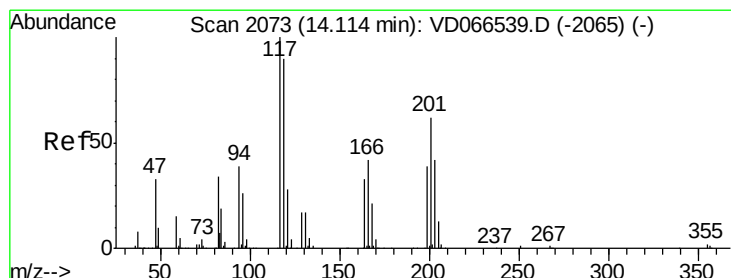
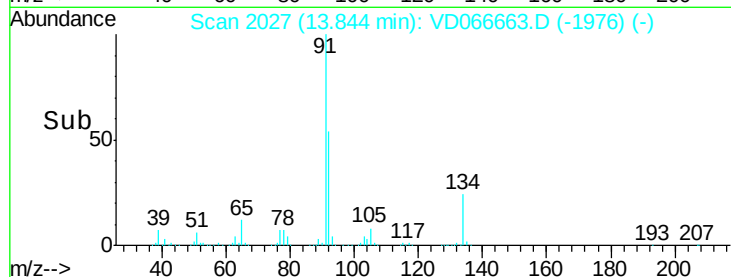
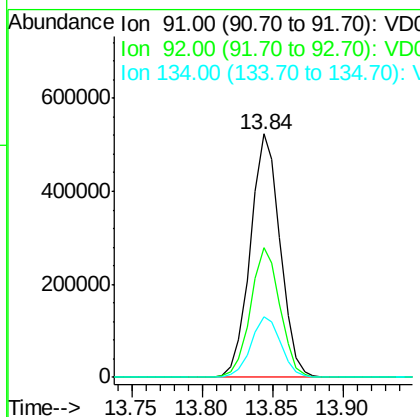
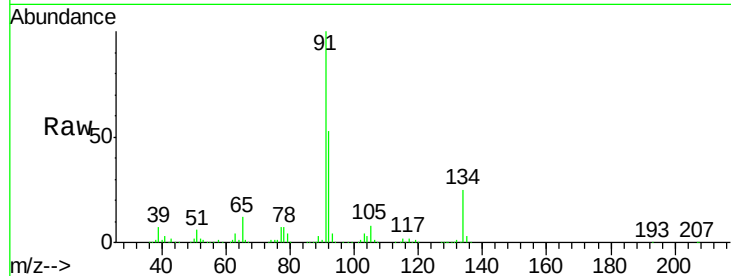
#89
n-Butylbenzene
Concen: 48.057 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	777191		
92	52.8	26.5	79.5	
134	24.9	12.1	36.3	

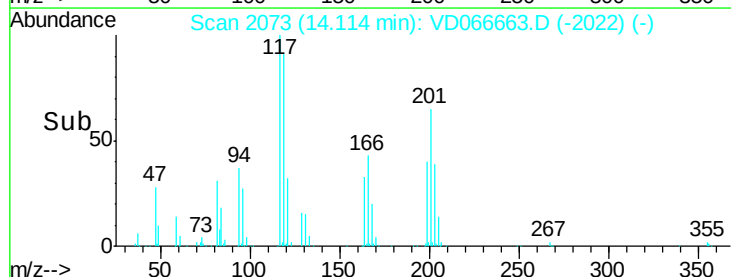
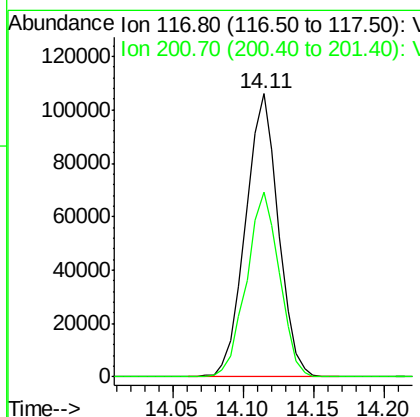
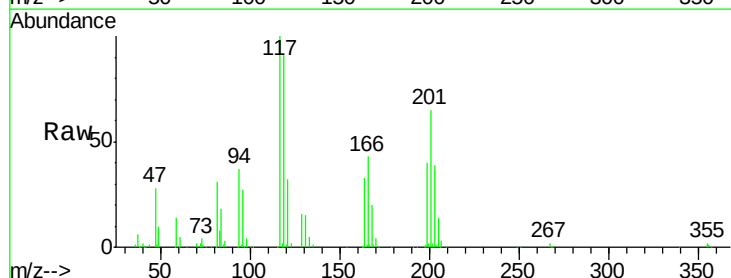
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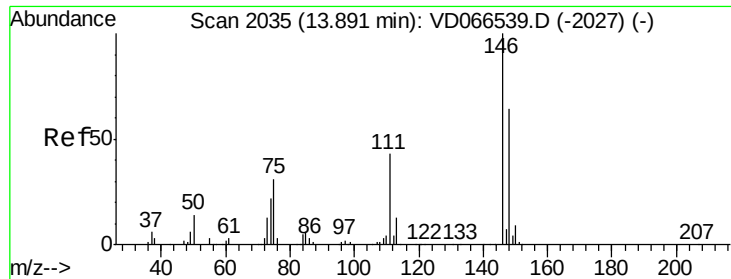
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#90
Hexachloroethane
Concen: 48.312 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	172759		
201	65.4	31.9	95.5	





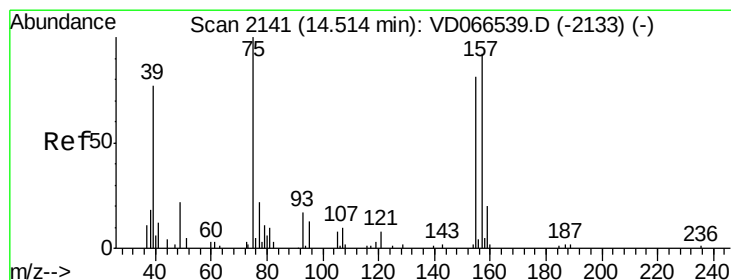
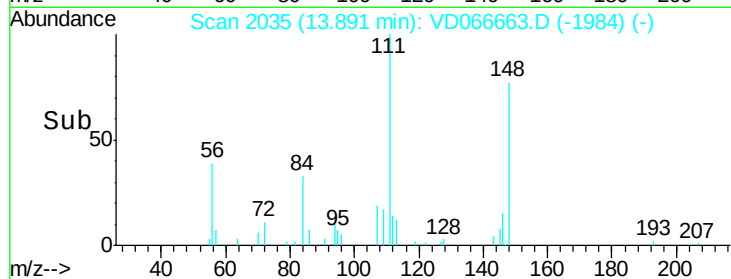
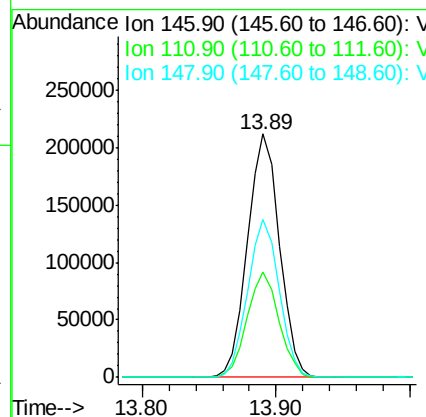
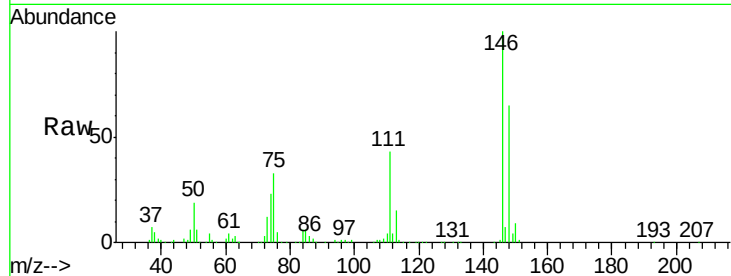
#91
 1,2-Dichlorobenzene
 Concen: 48.416 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.4
148	64.1	31.8	95.3

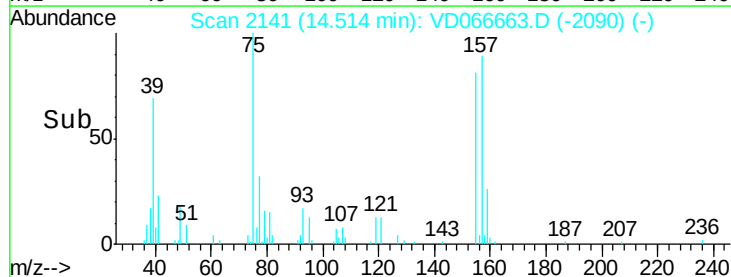
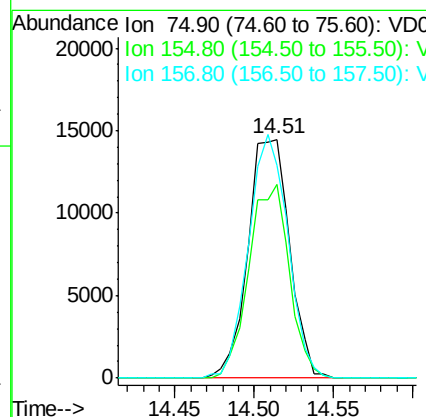
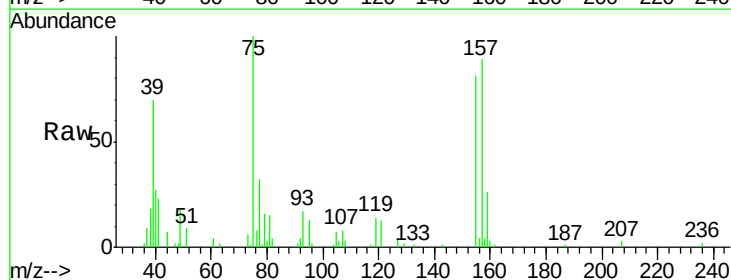
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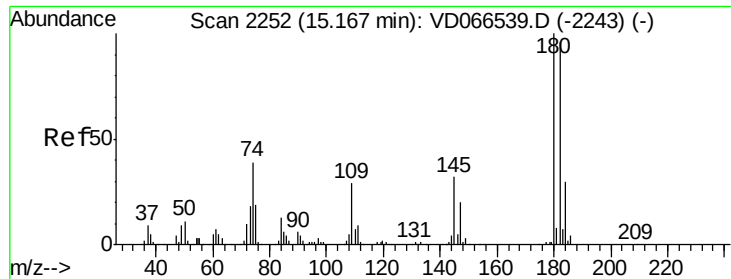
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.467 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066663.D
 Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	39.3	117.8
157	96.4	46.0	137.8





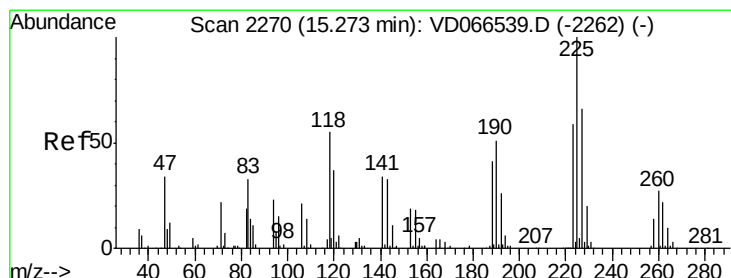
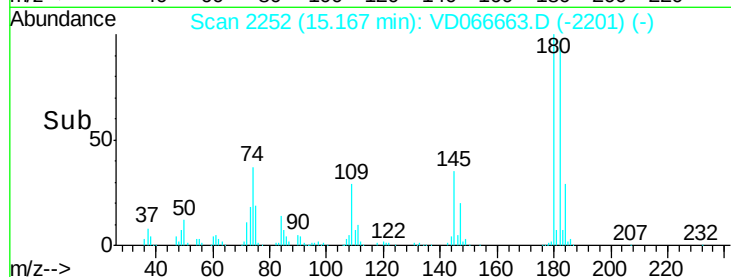
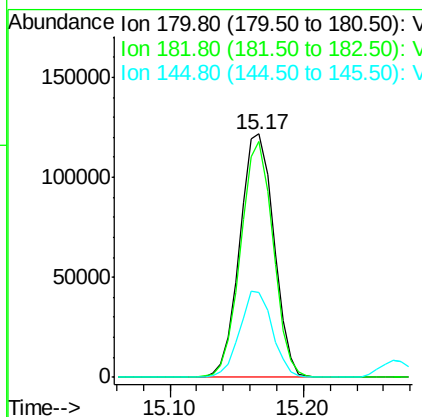
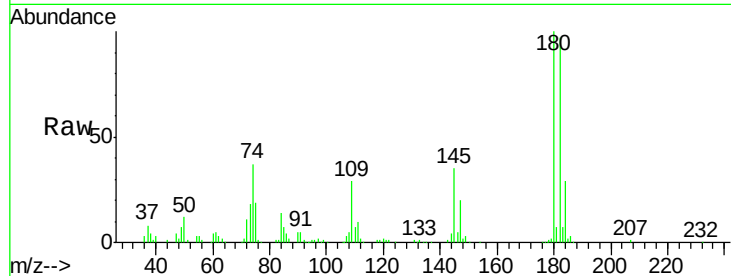
#93
1,2,4-Trichlorobenzene
Concen: 49.737 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215023		
182	92.5	48.4	145.0	
145	34.1	16.7	50.0	

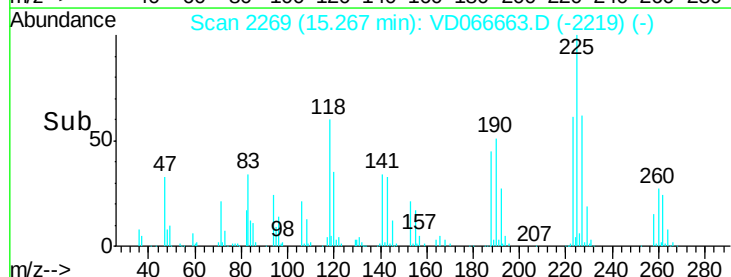
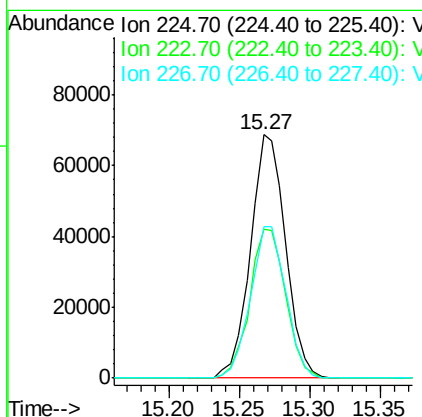
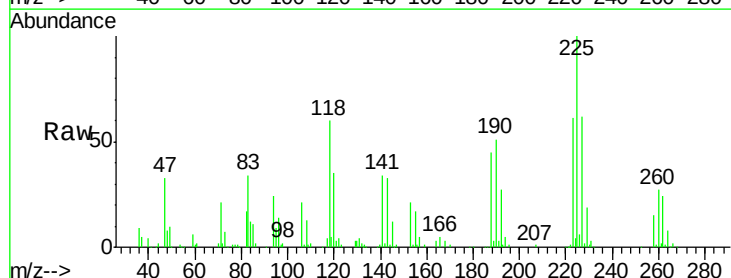
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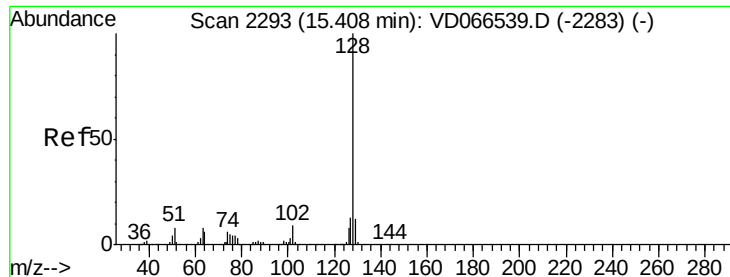
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#94
Hexachlorobutadiene
Concen: 46.152 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119866		
223	62.9	30.5	91.5	
227	62.7	32.4	97.2	





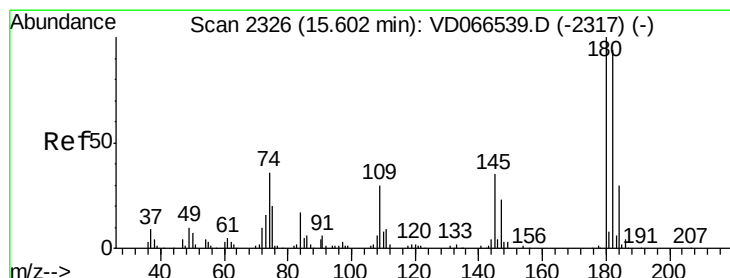
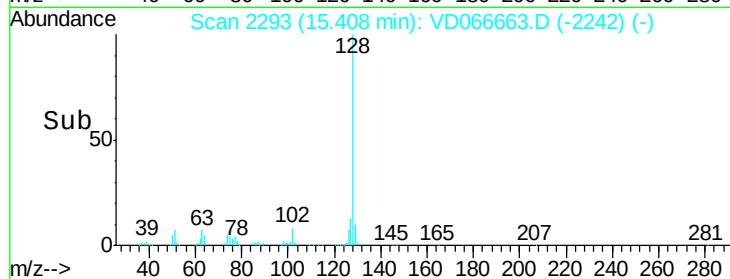
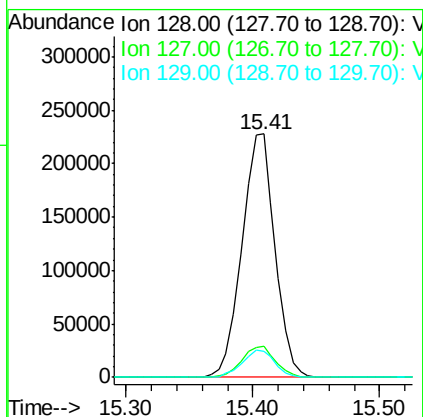
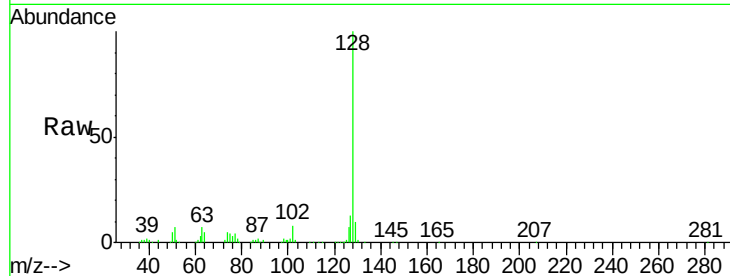
#95
Naphthalene
Concen: 54.448 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	11.0	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:07:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.322 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066663.D
Acq: 11 Sep 2020 21:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.6
145	34.1	17.3	51.7

