

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067163.D
 Acq On : 07 Oct 2020 20:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:34 PM

Quant Time: Oct 08 08:31:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	630695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	586853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	185483	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.91	113	208577	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.34	98	727964	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.64	95	262131	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	161061	50.101	ug/l	97
3) Chloromethane	2.20	50	140813	44.270	ug/l	93
4) Vinyl Chloride	2.34	62	145017	45.469	ug/l	98
5) Bromomethane	2.77	94	110599	54.159	ug/l	98
6) Chloroethane	2.92	64	90533	46.611	ug/l	99
7) Trichlorofluoromethane	3.27	101	314077	44.324	ug/l	94
8) Diethyl Ether	3.71	74	88135	50.157	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	180426	45.049	ug/l	98
10) Methyl Iodide	4.30	142	189067	48.583	ug/l	98
11) Tert butyl alcohol	5.21	59	54082	237.427	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	172674	45.862	ug/l	97
13) Acrolein	3.92	56	59688	231.709	ug/l	95
14) Allyl chloride	4.71	41	228105	46.636	ug/l	98
15) Acrylonitrile	5.42	53	160019	247.431	ug/l	97
16) Acetone	4.16	43	142092	241.958	ug/l	99
17) Carbon Disulfide	4.41	76	517144	44.755	ug/l	100
18) Methyl Acetate	4.72	43	78064	52.889	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	369844	53.809	ug/l	100
20) Methylene Chloride	4.96	84	227798	55.456	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	207143	48.343	ug/l	97
22) Diisopropyl ether	6.36	45	446072	49.954	ug/l	98
23) Vinyl Acetate	6.30	43	1253129	247.650	ug/l	98
24) 1,1-Dichloroethane	6.27	63	340093	49.350	ug/l	98
25) 2-Butanone	7.21	43	191920	230.507	ug/l	99
26) 2,2-Dichloropropane	7.20	77	280423	47.370	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	235358	51.431	ug/l	96
28) Bromochloromethane	7.55	49	131669	49.474	ug/l	93
29) Tetrahydrofuran	7.56	42	114756	239.706	ug/l	94
30) Chloroform	7.71	83	381515	51.034	ug/l	100
31) Cyclohexane	7.98	56	238018	41.197	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	339414	48.990	ug/l	98
36) 1,1-Dichloropropene	8.11	75	267937	45.577	ug/l	98
37) Ethyl Acetate	7.29	43	93741	46.029	ug/l	100
38) Carbon Tetrachloride	8.10	117	309390	48.641	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	286395	46.079	ug/l	97
40) Benzene	8.35	78	801167	49.065	ug/l	100
41) Methacrylonitrile	7.53	41	54470	49.507	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	230899	50.605	ug/l	98
43) Isopropyl Acetate	8.45	43	182132	48.545	ug/l	98
44) Trichloroethene	9.11	130	240698	49.365	ug/l	100
45) 1,2-Dichloropropane	9.38	63	193784	50.509	ug/l	98
46) Dibromomethane	9.48	93	115571	52.411	ug/l	99
47) Bromodichloromethane	9.66	83	295890	51.621	ug/l	98
48) Methyl methacrylate	9.46	41	88851	46.226	ug/l #	84
49) 1,4-Dioxane	9.47	88	21686	942.291	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	459639	245.959	ug/l	98
52) Toluene	10.40	92	544207	51.738	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	264765	51.683	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	317836	50.808	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	157685	51.434	ug/l	95
56) Ethyl methacrylate	10.66	69	175935	55.584	ug/l	96
57) 1,3-Dichloropropane	10.95	76	254037	51.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	450937	255.968	ug/l	98
59) 2-Hexanone	10.98	43	309085	247.805	ug/l	96
60) Dibromochloromethane	11.14	129	211961	51.873	ug/l	94
61) 1,2-Dibromoethane	11.24	107	149771	50.850	ug/l	93
64) Tetrachloroethene	10.87	164	216970	50.855	ug/l	95
65) Chlorobenzene	11.67	112	586638	50.261	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	228911	51.559	ug/l	100
67) Ethyl Benzene	11.74	91	1021299	51.069	ug/l	99
68) m/p-Xylenes	11.86	106	788691	101.196	ug/l	98
69) o-Xylene	12.18	106	363558	52.164	ug/l	96
70) Styrene	12.20	104	628698	52.533	ug/l	98
71) Bromoform	12.36	173	123608	53.635	ug/l #	97
73) Isopropylbenzene	12.48	105	975892	49.407	ug/l	100
74) N-amyl acetate	12.29	43	166532	46.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	159818	48.023	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	110388m	43.566	ug/l	
77) Bromobenzene	12.77	156	246188	51.618	ug/l	95
78) n-propylbenzene	12.83	91	1134664	48.607	ug/l	99
79) 2-Chlorotoluene	12.91	91	659892	49.408	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	850162	50.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	48930	48.145	ug/l	96
82) 4-Chlorotoluene	13.01	91	702380	49.428	ug/l	98
83) tert-Butylbenzene	13.23	119	724183	51.532	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	861144	51.707	ug/l	99
85) sec-Butylbenzene	13.41	105	963686	48.695	ug/l	100
86) p-Isopropyltoluene	13.52	119	905723	49.364	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	455527	49.034	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	459972	49.518	ug/l	98
89) n-Butylbenzene	13.85	91	803362	47.909	ug/l	99
90) Hexachloroethane	14.12	117	153320	47.705	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	404032	49.799	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25991	48.449	ug/l	92

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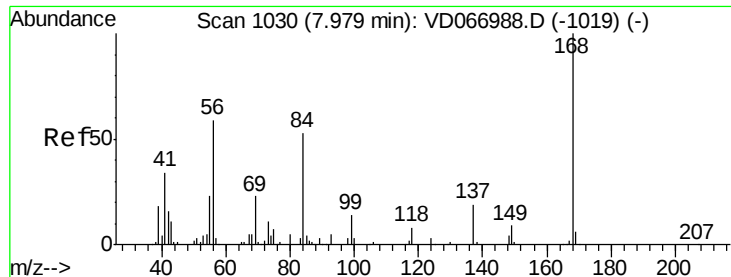
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	278437	53.056	ug/l	99
94) Hexachlorobutadiene	15.28	225	157018	48.719	ug/l	99
95) Naphthalene	15.41	128	479427	54.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	243022	53.345	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 399408

Ion Ratio Lower Upper

168 100

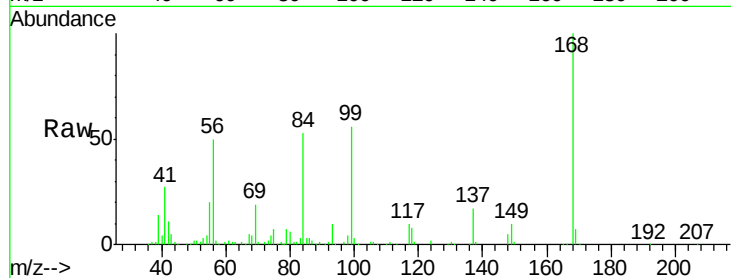
99 55.8 44.1 66.1

Manual Integrations

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10/8/2020 5:39:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

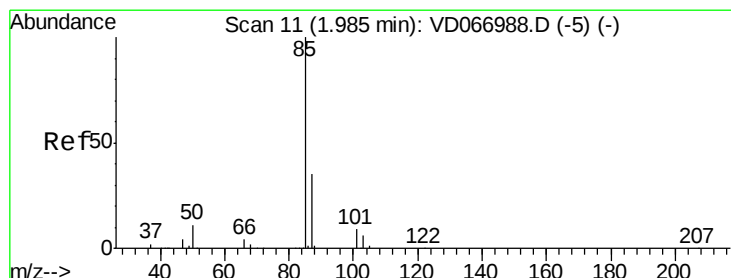
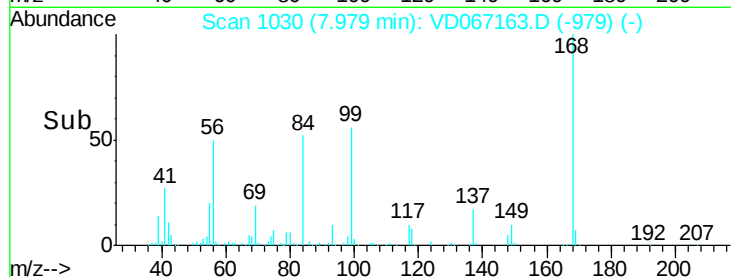
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.101 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067163.D

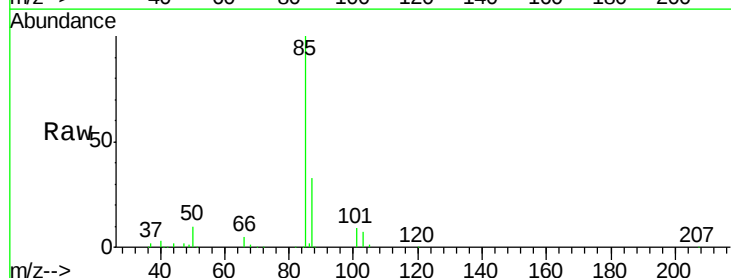
Acq: 07 Oct 2020 20:08

Tgt Ion: 85 Resp: 161061

Ion Ratio Lower Upper

85 100

87 32.8 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

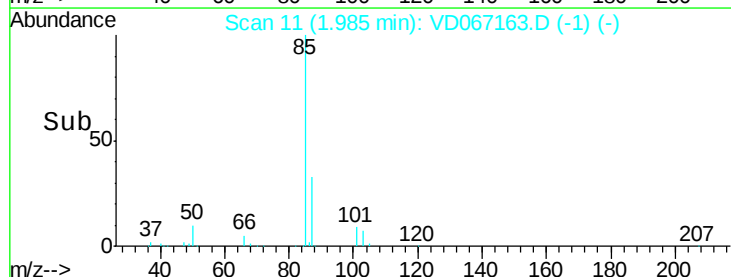
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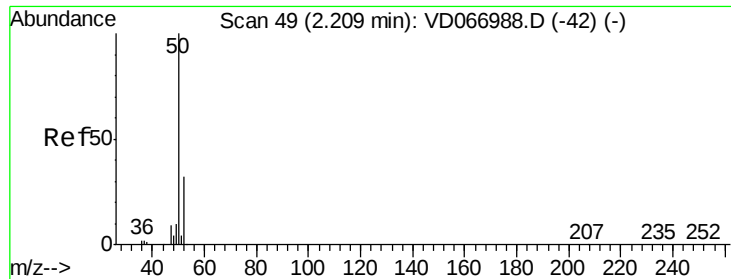
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 44.270 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 140813

Ion Ratio Lower Upper

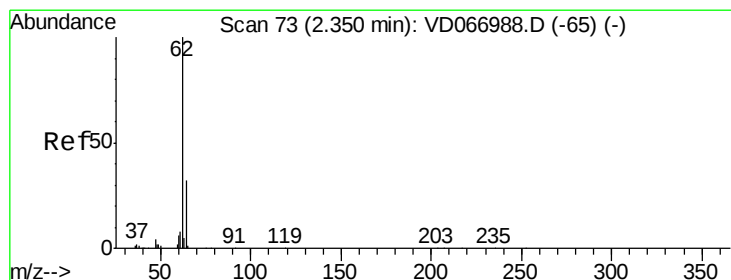
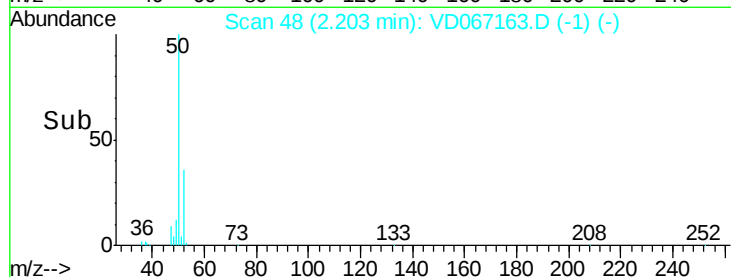
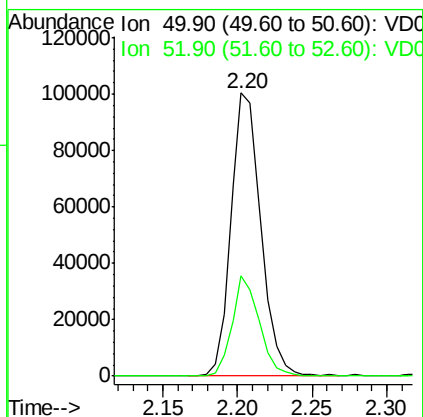
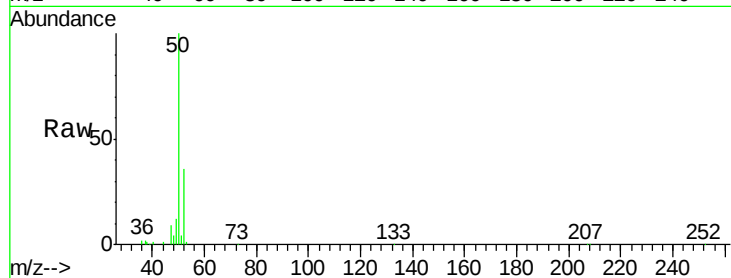
50 100

52 35.5 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.469 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067163.D

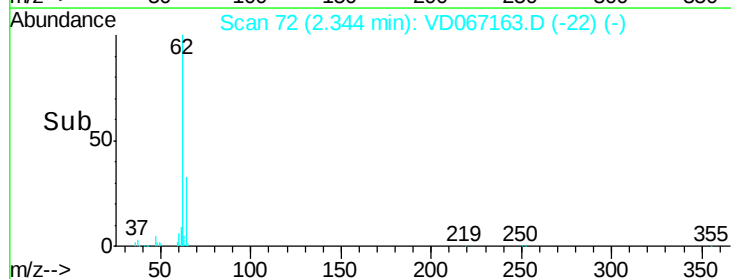
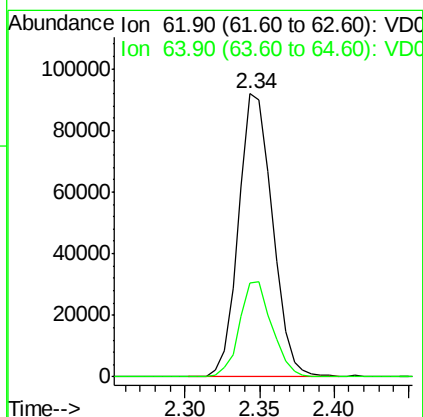
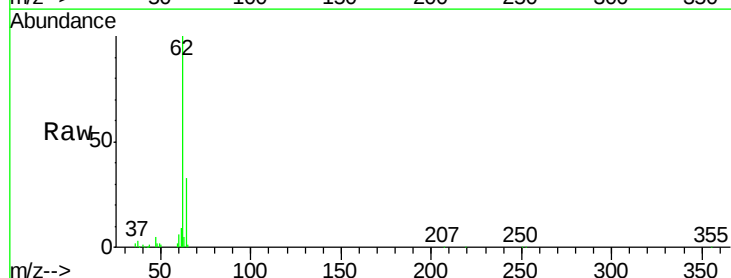
Acq: 07 Oct 2020 20:08

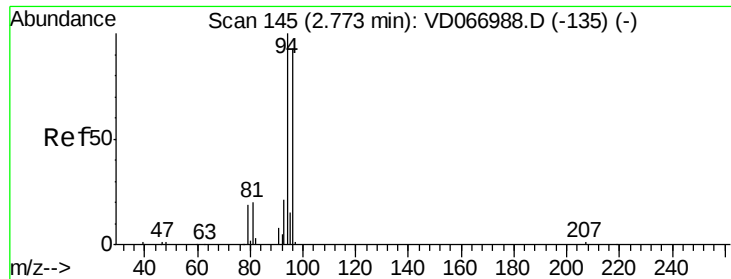
Tgt Ion: 62 Resp: 145017

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 54.159 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 110599

Ion Ratio Lower Upper

94 100

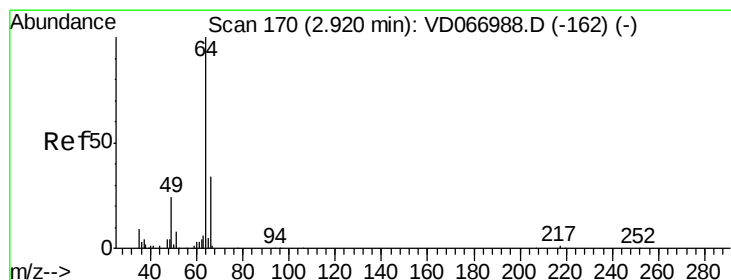
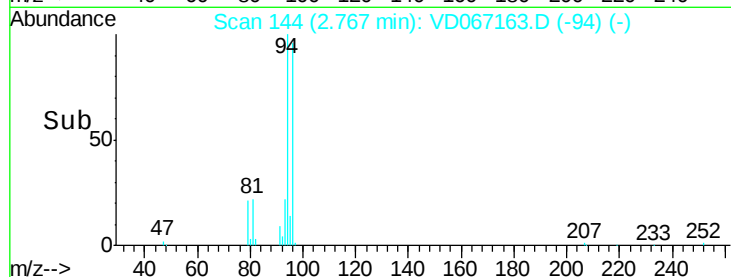
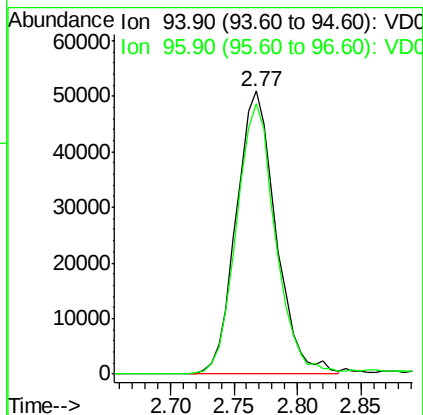
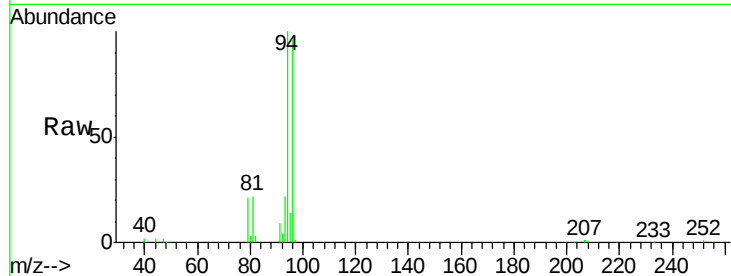
96 95.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 46.611 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067163.D

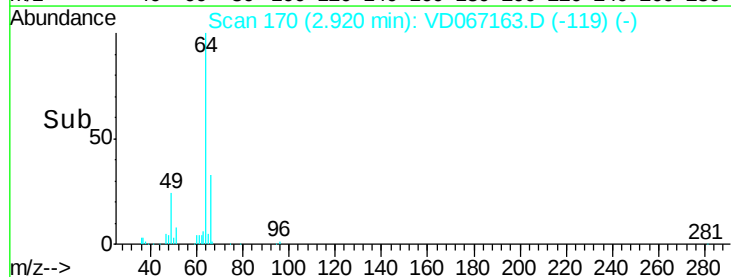
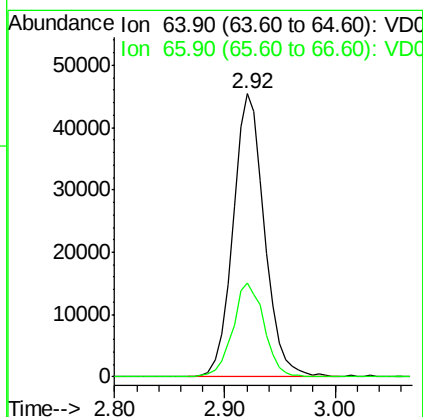
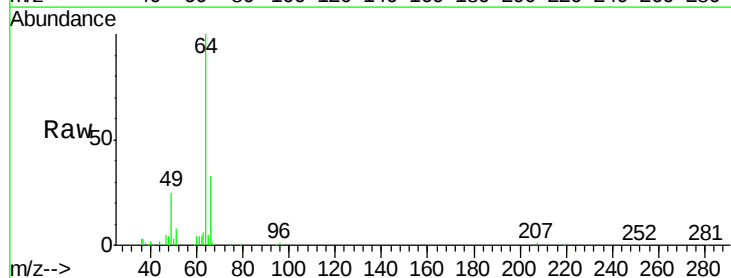
Acq: 07 Oct 2020 20:08

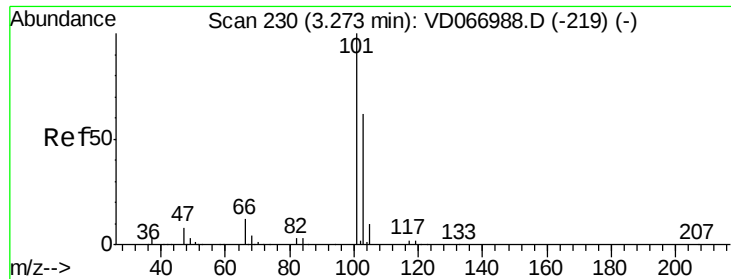
Tgt Ion: 64 Resp: 90533

Ion Ratio Lower Upper

64 100

66 33.1 27.0 40.6





#7

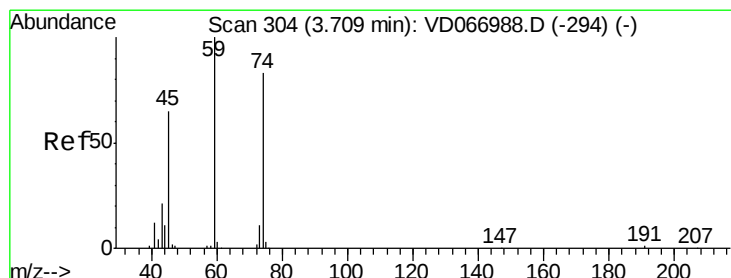
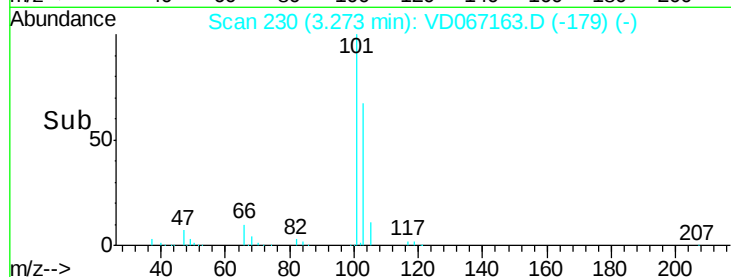
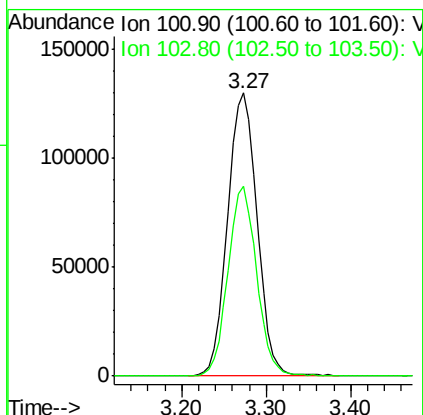
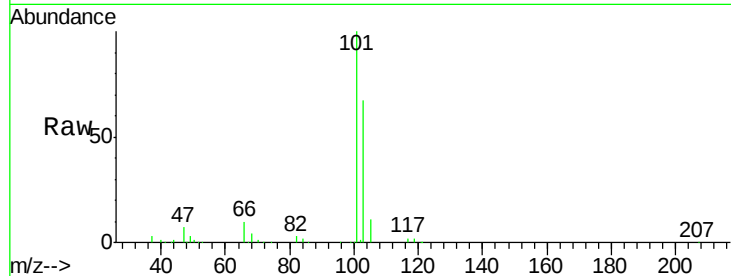
Trichlorofluoromethane
Concen: 44.324 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	49.8	74.8

Manual Integrations
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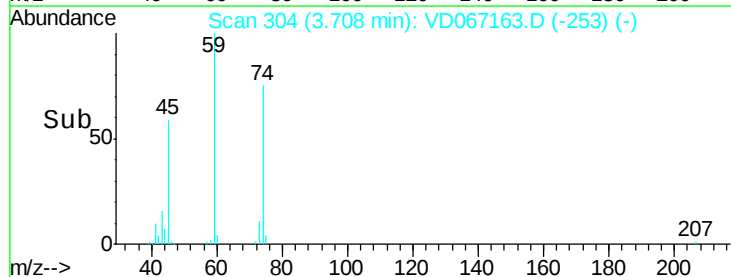
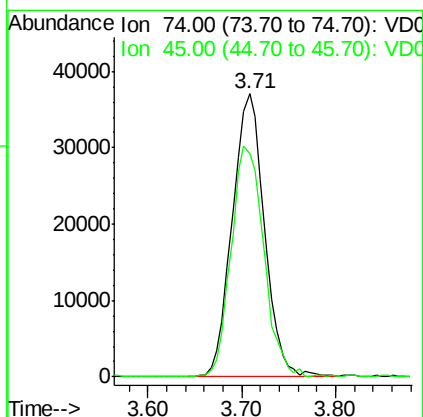
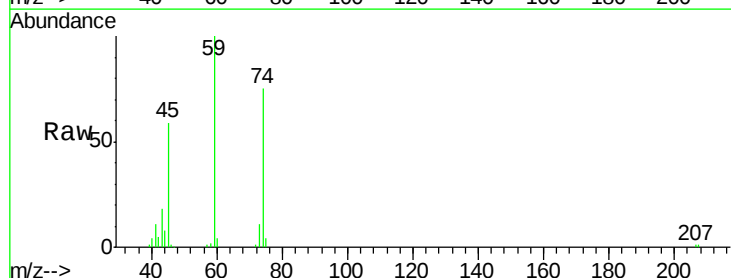
MMDadoda
10/8/2020 5:39:34 PM

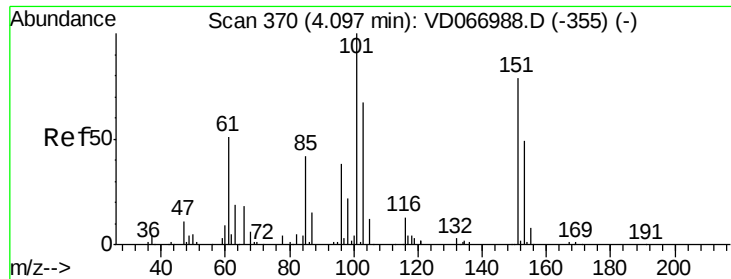


#8

Diethyl Ether
Concen: 50.157 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.049 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

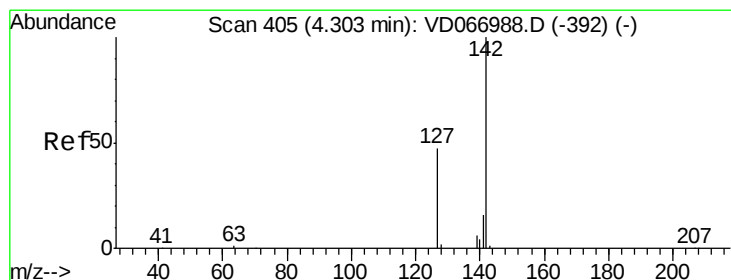
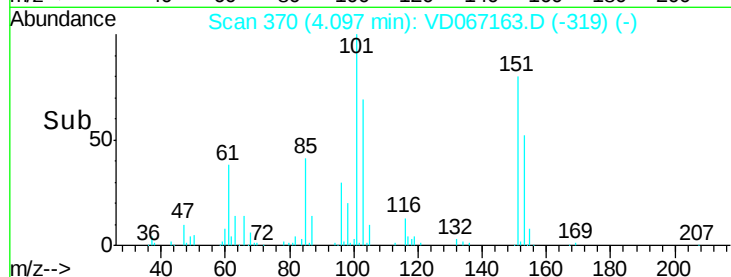
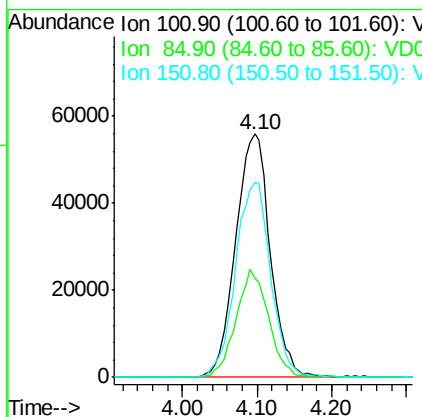
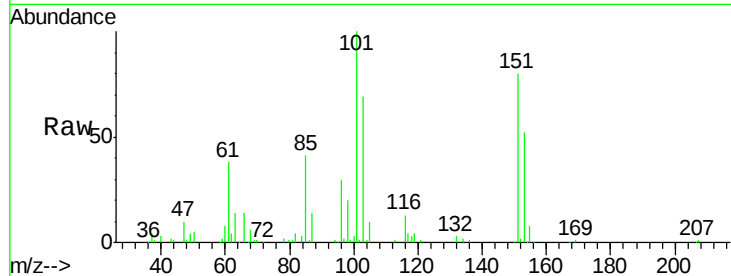
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	180426
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.8	50.8
151	81.4	63.8	95.8

Manual Integrations
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#10

Methyl Iodide

Concen: 48.583 ug/l

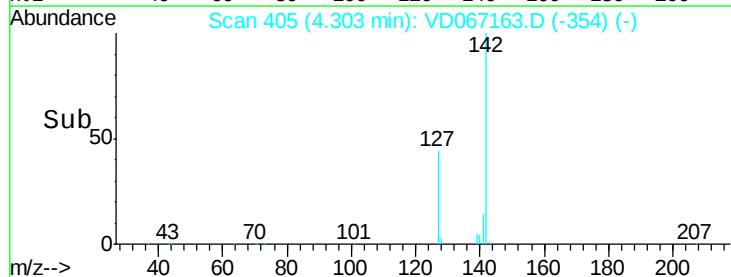
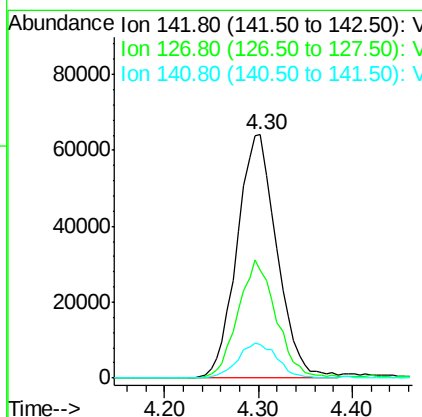
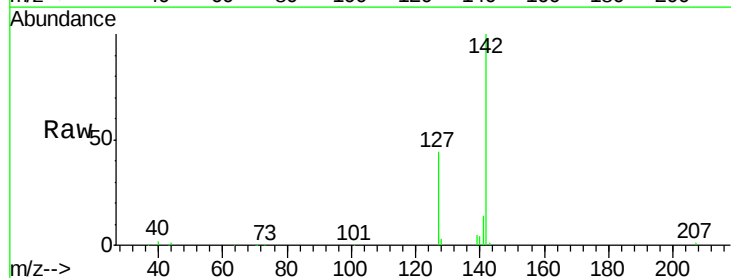
RT: 4.30 min Scan# 405

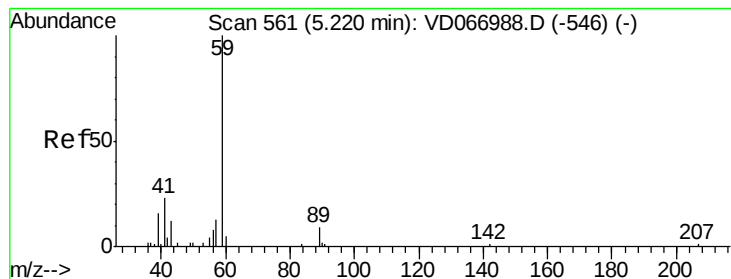
Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	142	Resp:	189067
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.3	54.5
141	14.1	12.0	18.0





#11

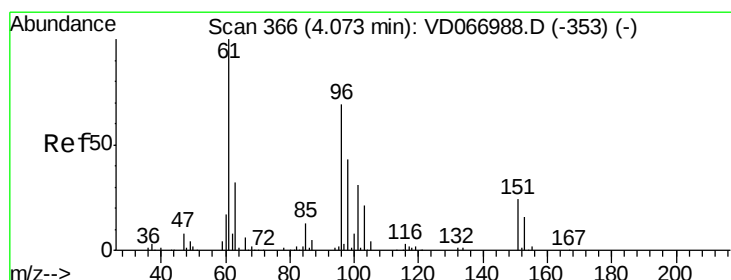
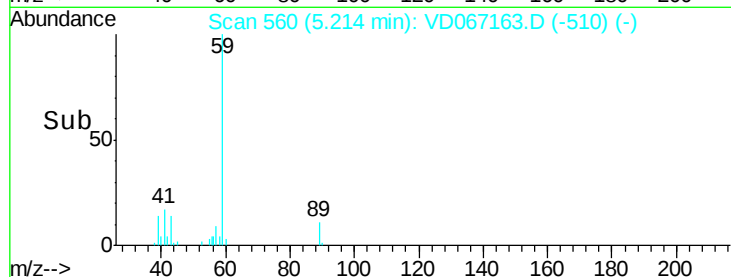
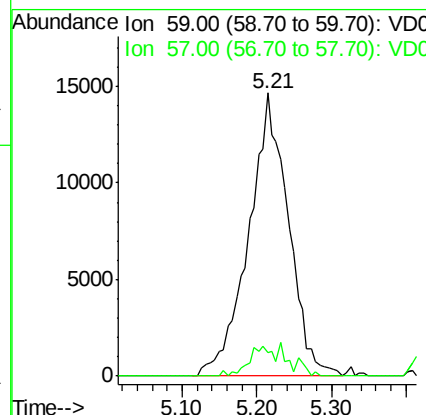
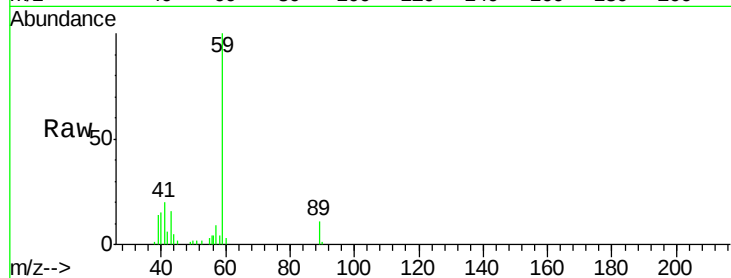
Tert butyl alcohol
Concen: 237.427 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.3	8.2	12.4#

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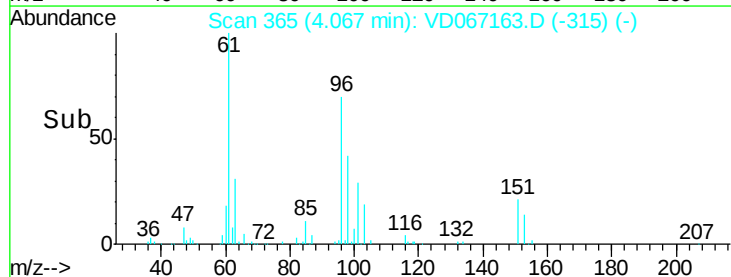
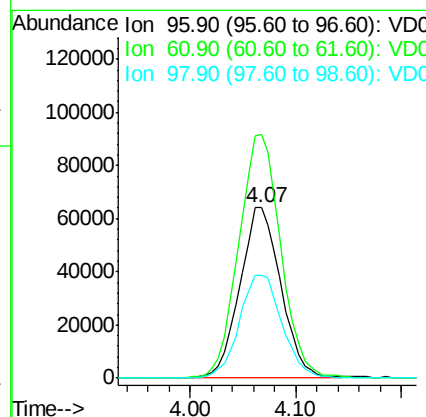
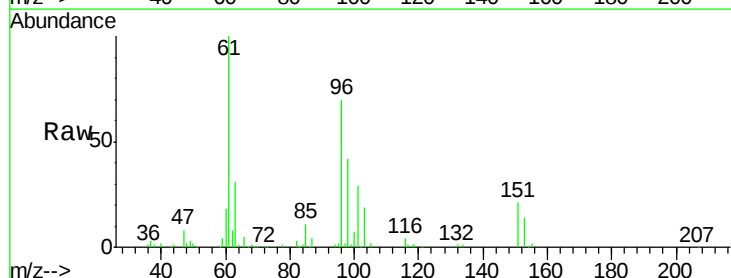
MMDadoda
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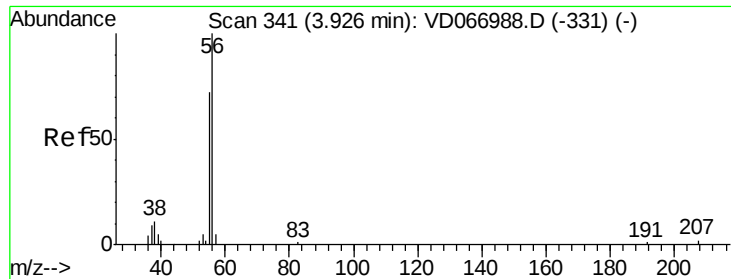


#12

1,1-Dichloroethene
Concen: 45.862 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.0	116.4	174.6
98	60.0	49.9	74.9





#13

Acrolein

Concen: 231.709 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 59688

Ion Ratio Lower Upper

56 100

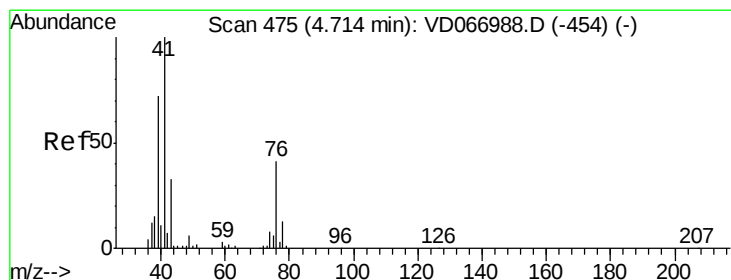
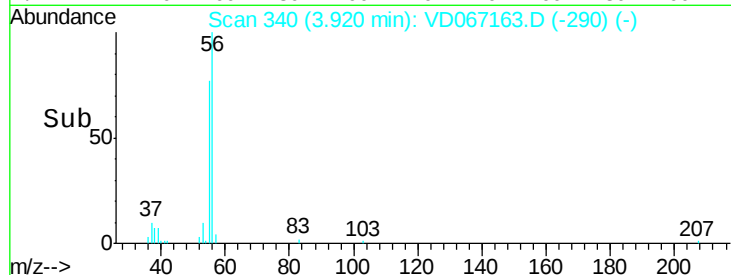
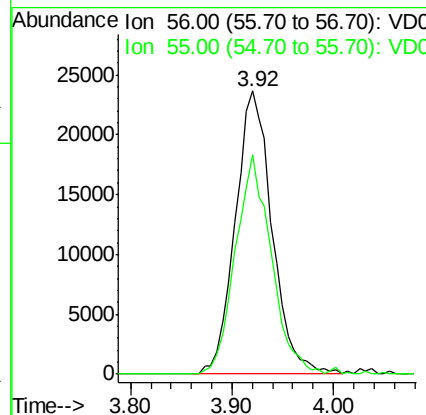
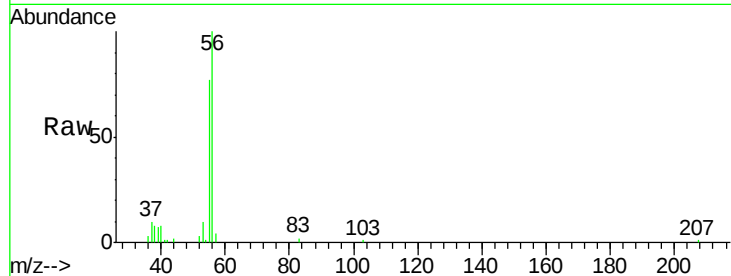
55 75.1 56.9 85.3

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#14

Allyl chloride

Concen: 46.636 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

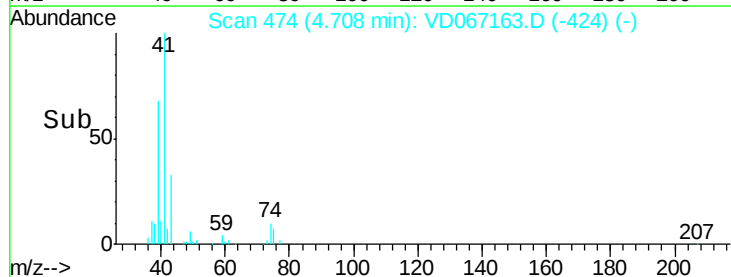
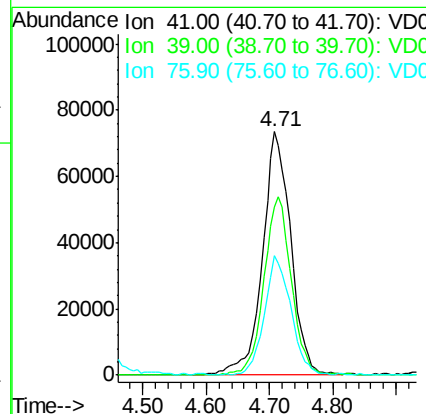
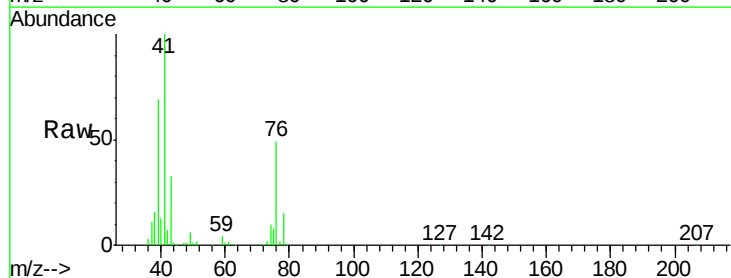
Tgt Ion: 41 Resp: 228105

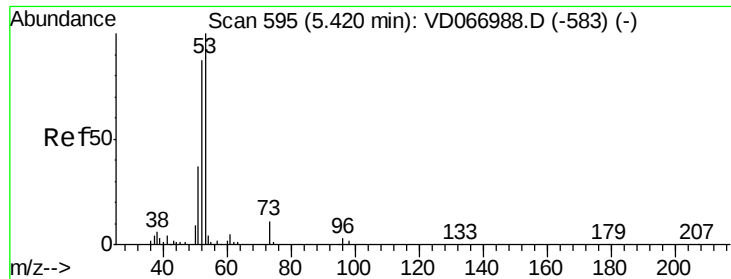
Ion Ratio Lower Upper

41 100

39 70.6 56.2 84.2

76 45.1 34.2 51.2





#15

Acrylonitrile

Concen: 247.431 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

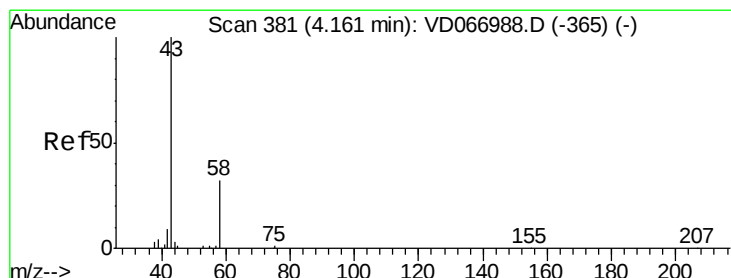
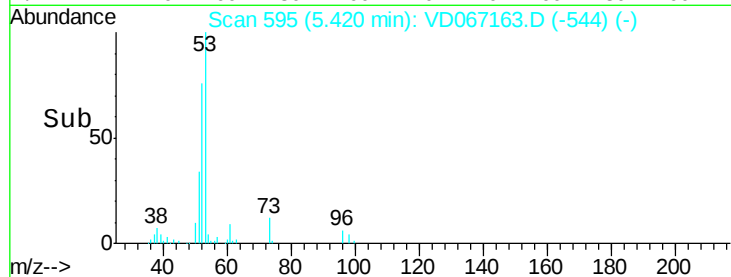
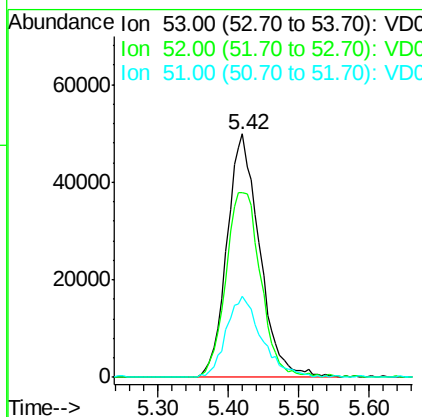
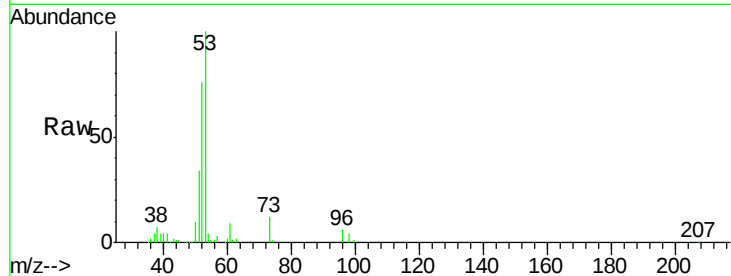
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	160019
Ion Ratio		Lower	Upper
53	100		
52	80.7	67.3	100.9
51	36.4	30.2	45.2

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#16

Acetone

Concen: 241.958 ug/l

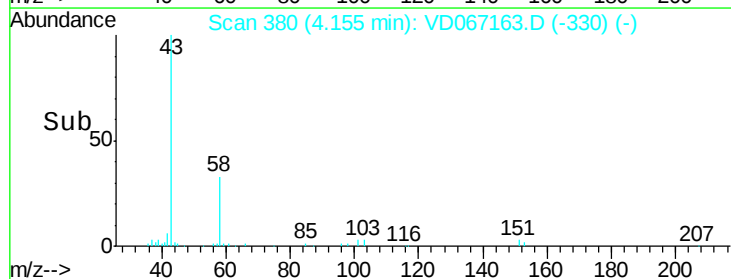
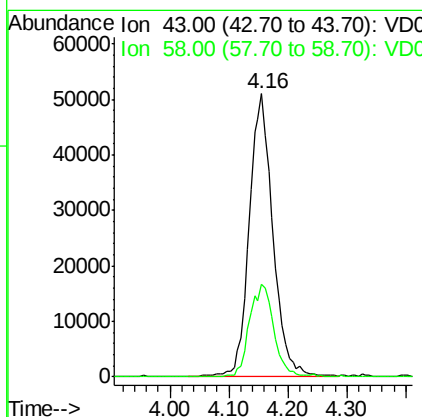
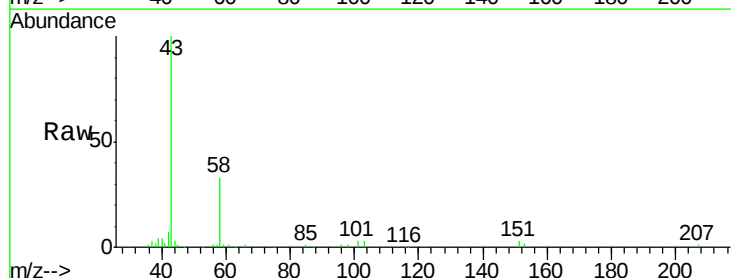
RT: 4.16 min Scan# 380

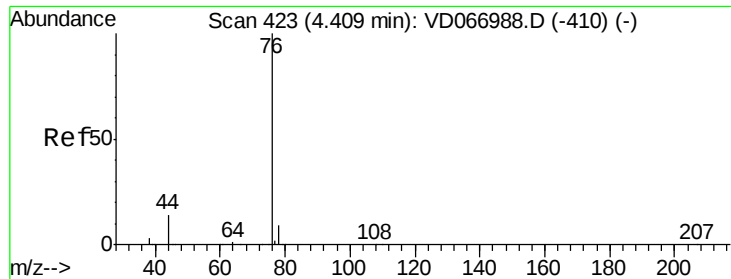
Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	43	Resp:	142092
Ion Ratio		Lower	Upper
43	100		
58	32.8	25.9	38.9





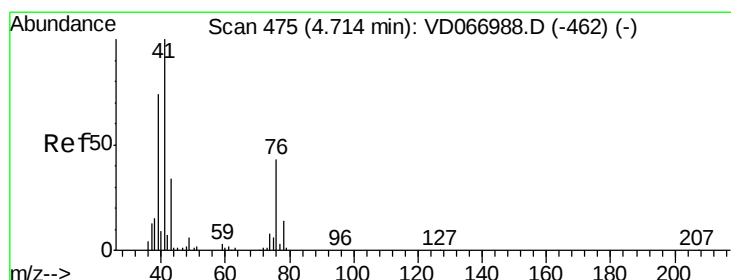
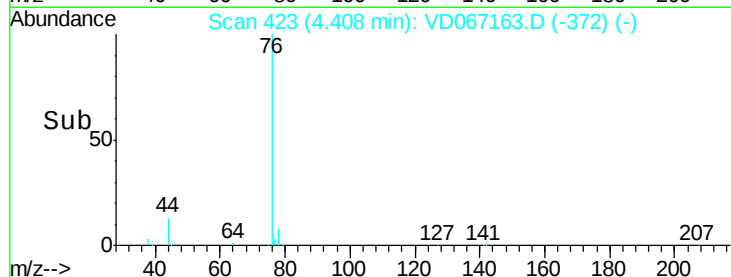
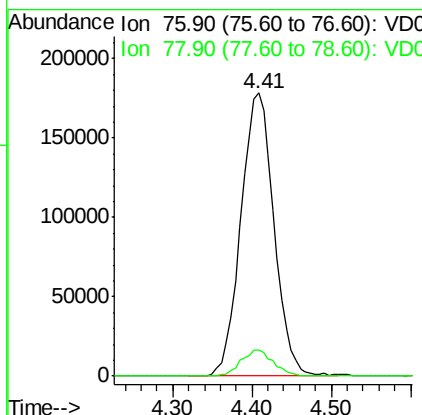
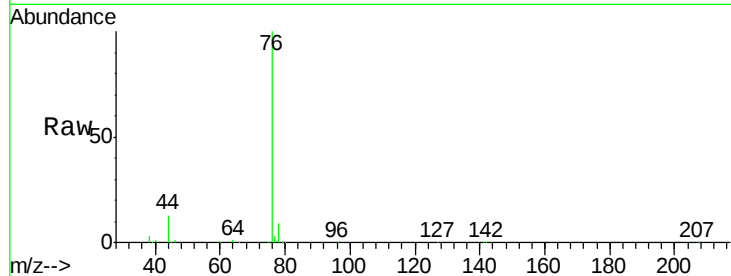
#17
Carbon Disulfide
Concen: 44.755 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

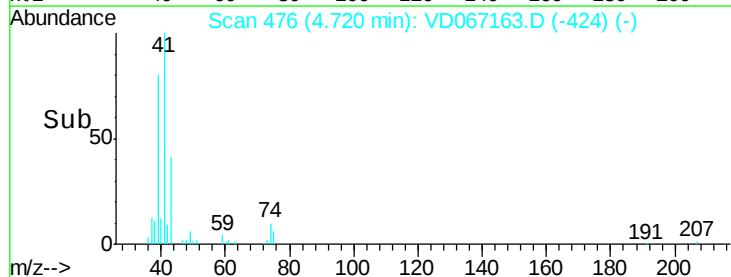
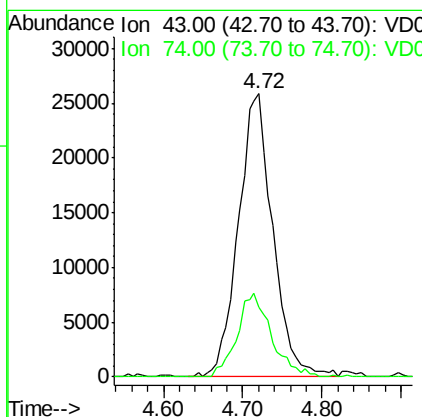
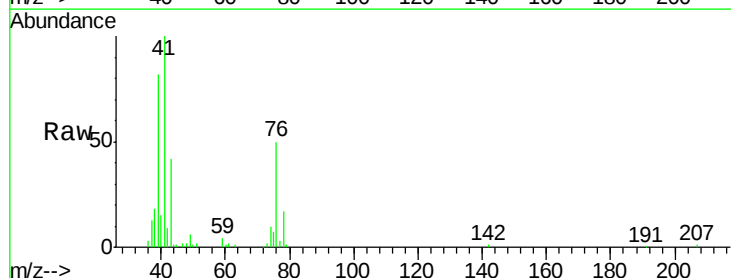
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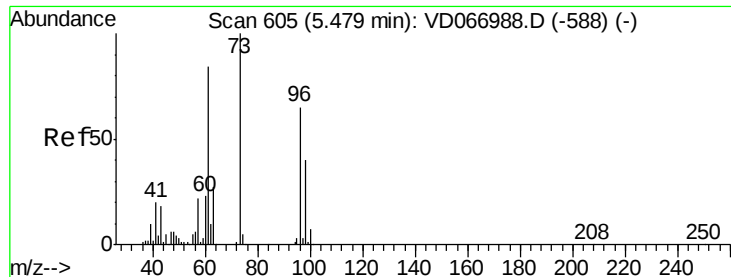
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#18
Methyl Acetate
Concen: 52.889 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	21.5	32.3





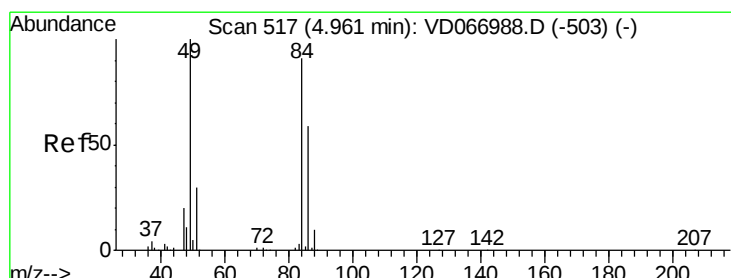
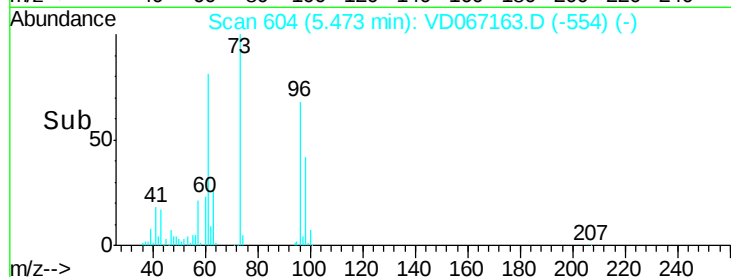
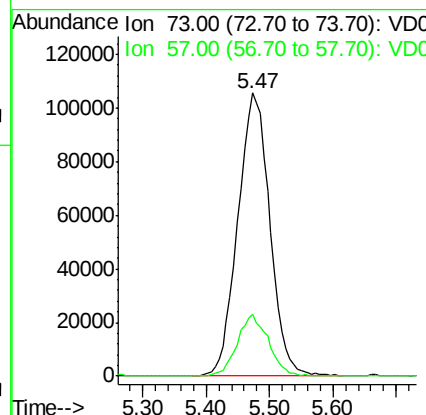
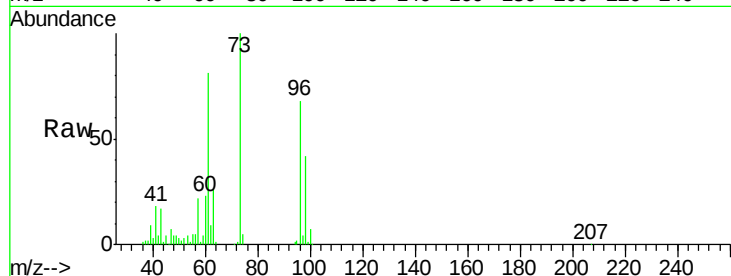
#19
Methvl tert-butvl Ether
Concen: 53.809 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 369844
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0

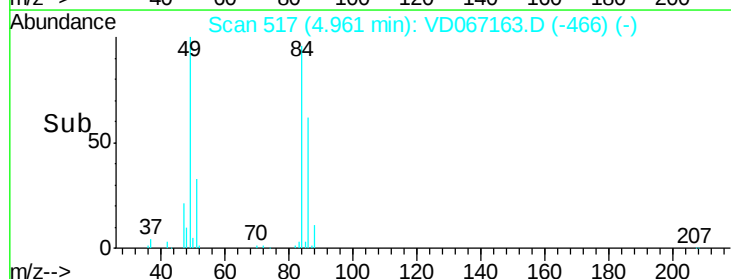
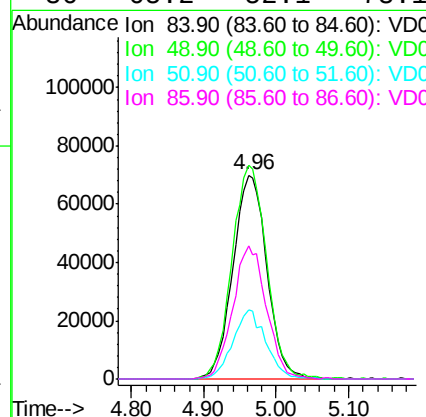
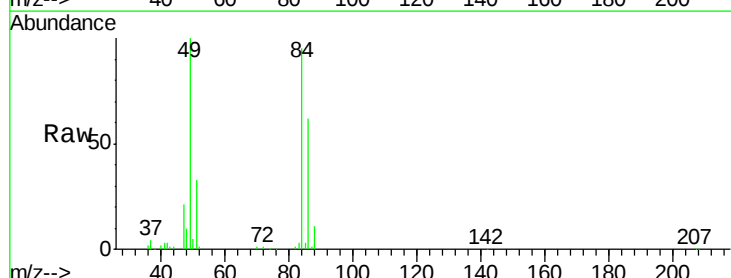
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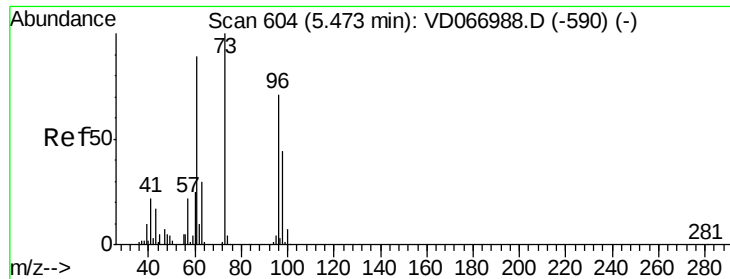
MMDadoda
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#20
Methylene Chloride
Concen: 55.456 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion: 84 Resp: 227798
Ion Ratio Lower Upper
84 100
49 104.9 88.2 132.2
51 34.3 26.6 39.8
86 65.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.343 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

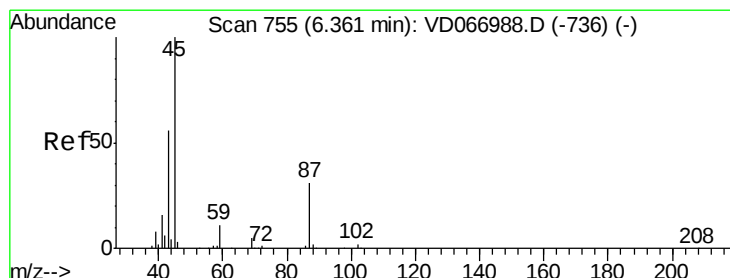
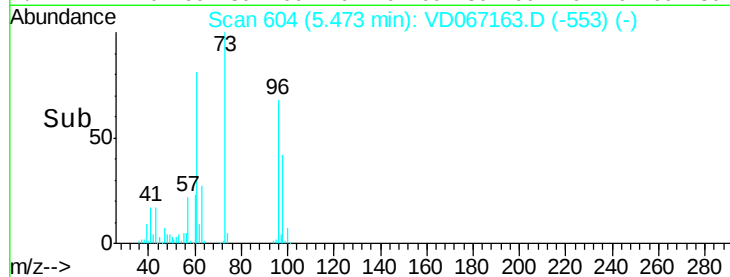
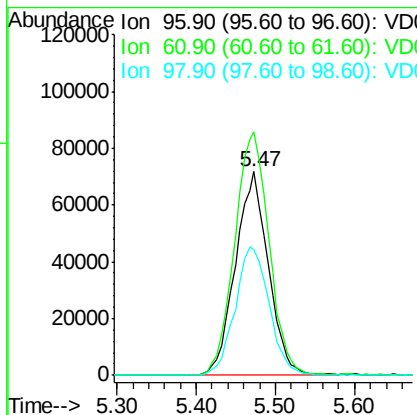
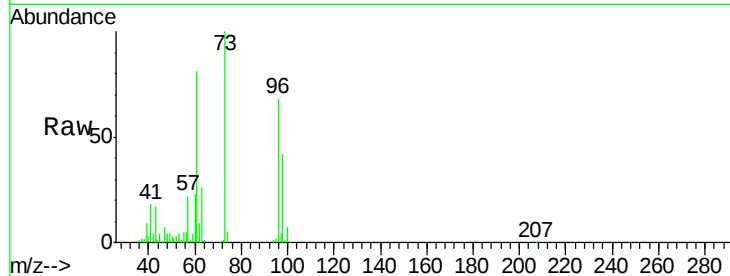
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207143
Ion	Ratio	Lower	Upper
96	100		
61	119.5	99.6	149.4
98	61.9	49.4	74.2

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#22

Diisopropyl ether

Concen: 49.954 ug/l

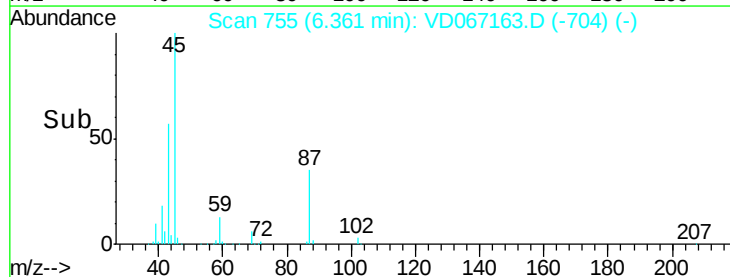
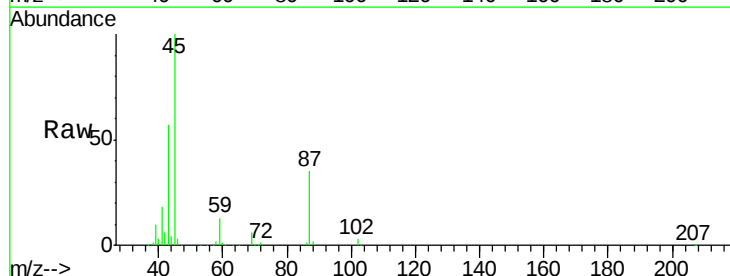
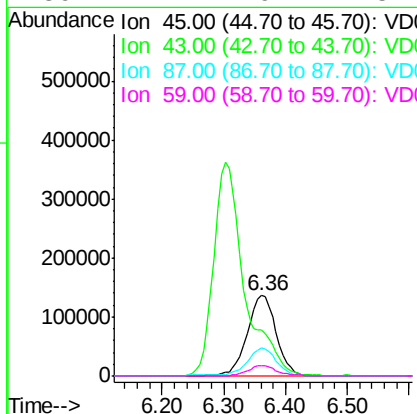
RT: 6.36 min Scan# 755

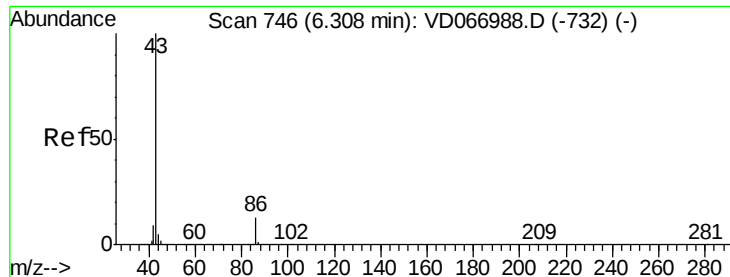
Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	45	Resp:	446072
Ion	Ratio	Lower	Upper
45	100		
43	56.3	45.2	67.8
87	34.8	25.6	38.4
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 247.650 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1253129

Ion Ratio Lower Upper

43 100

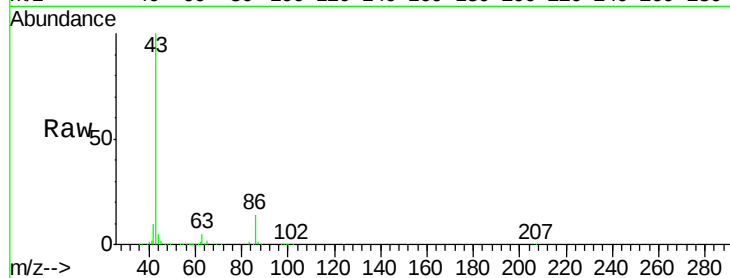
86 13.5 10.2 15.2

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

400000

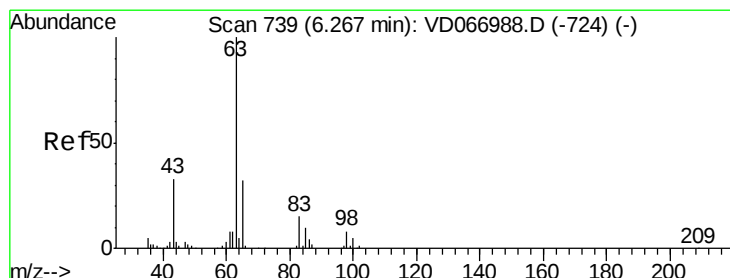
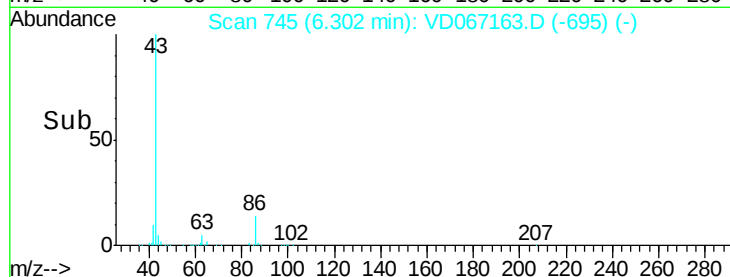
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 49.350 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

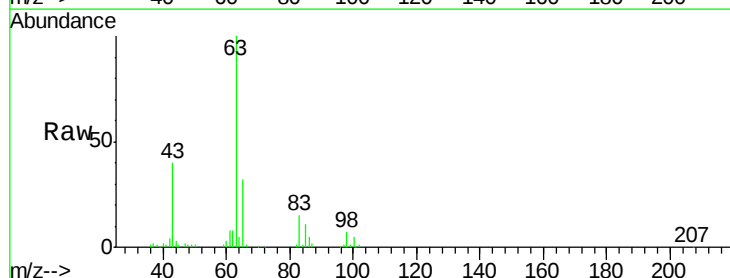
Tgt Ion: 63 Resp: 340093

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

100 5.1 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

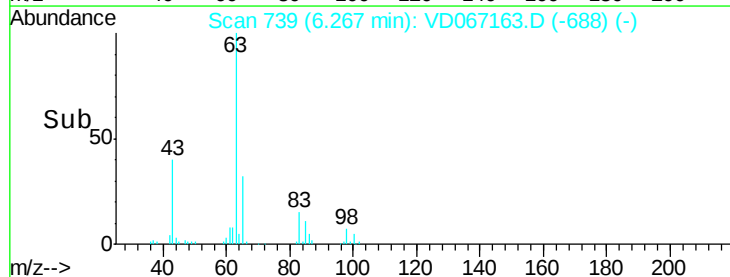
150000

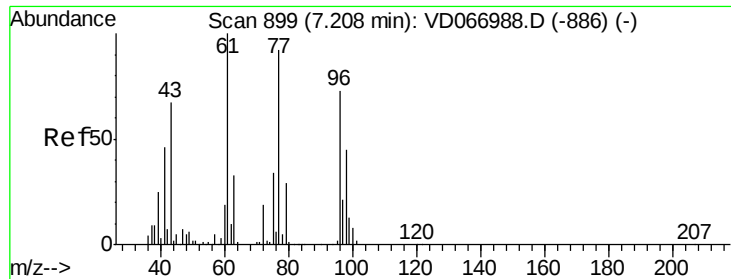
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





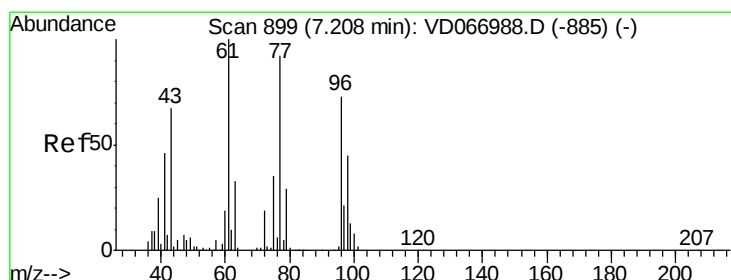
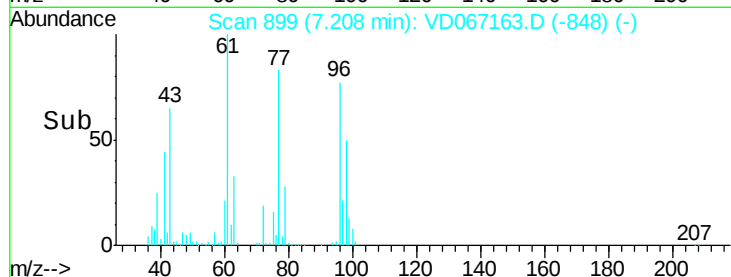
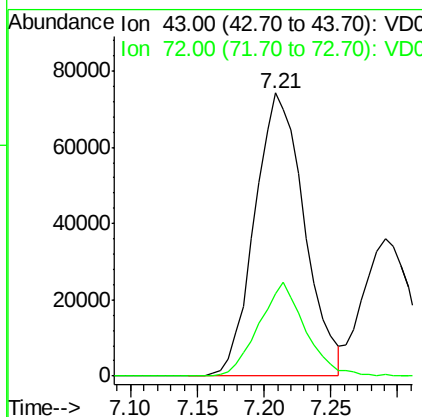
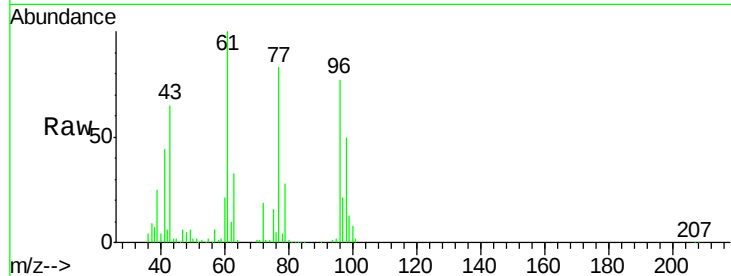
#25
2-Butanone
Concen: 230.507 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 191920
Ion Ratio Lower Upper
43 100
72 28.9 22.8 34.2

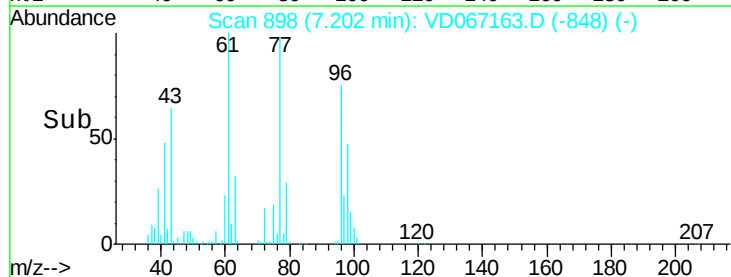
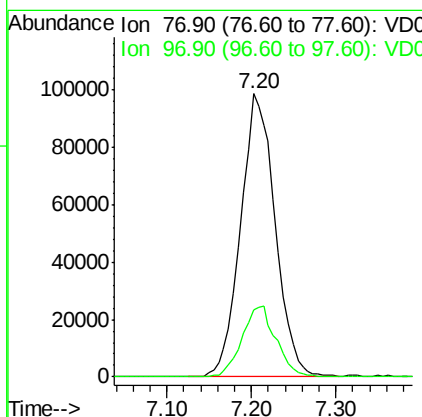
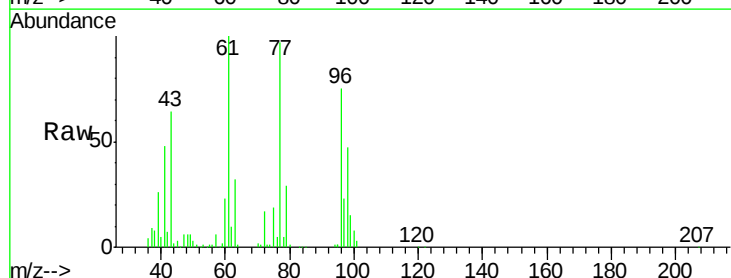
Manual Integrations
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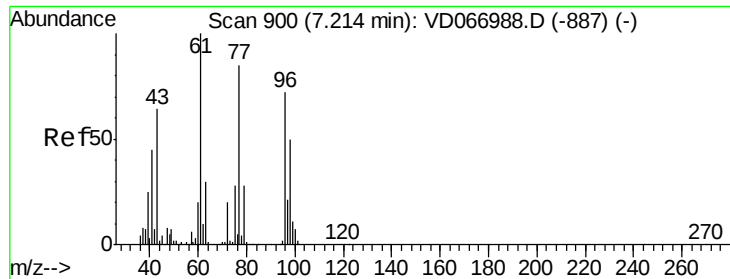
MMDadoda
10/8/2020 5:39:34 PM



#26
2,2-Dichloropropane
Concen: 47.370 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion: 77 Resp: 280423
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.431 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

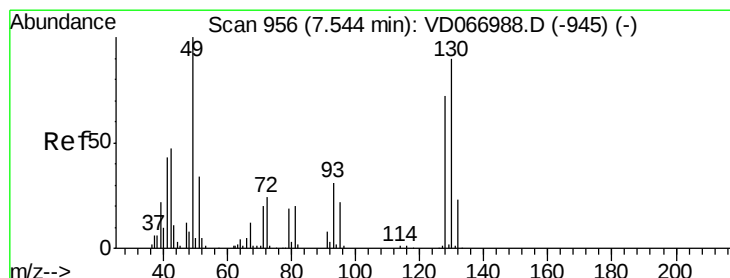
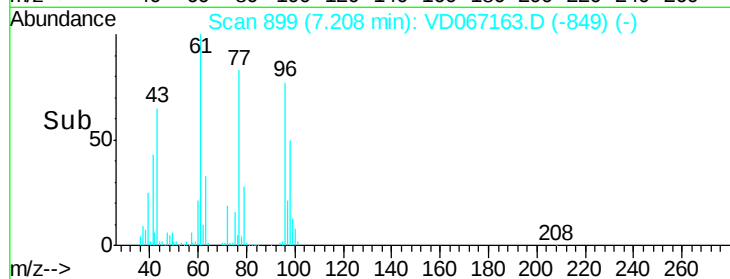
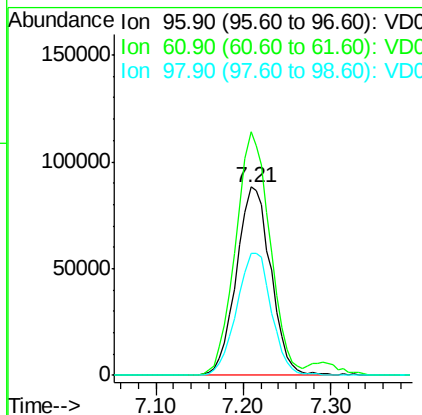
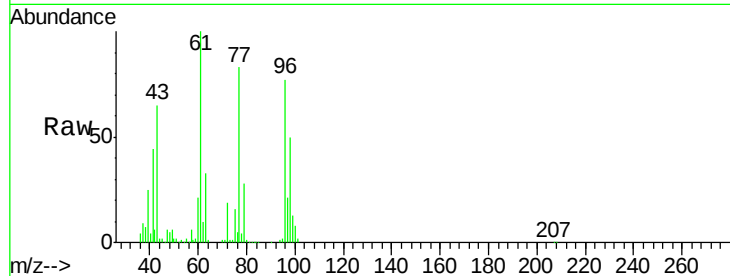
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	235358
Ion Ratio	Lower	Upper	
96	100		
61	129.3	0.0	269.2
98	66.0	0.0	129.4

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#28

Bromochloromethane

Concen: 49.474 ug/l

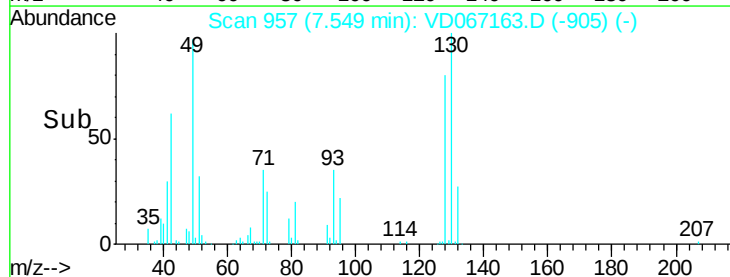
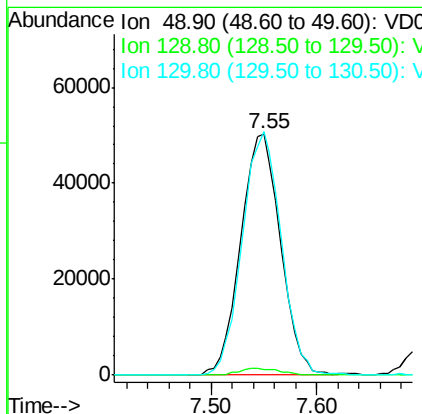
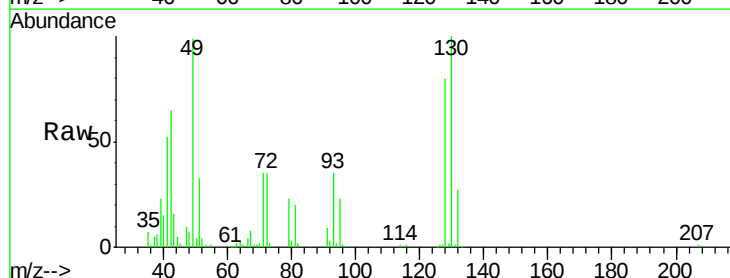
RT: 7.55 min Scan# 957

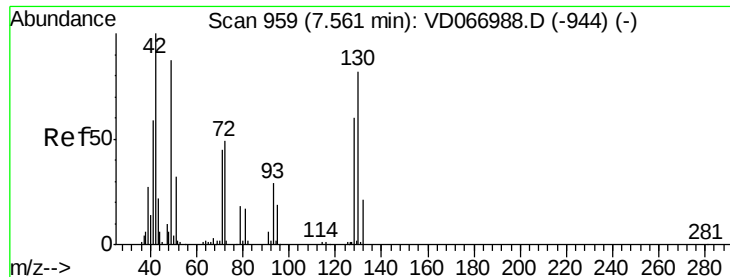
Delta R.T. 0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	49	Resp:	131669
Ion Ratio	Lower	Upper	
49	100		
129	2.7	0.0	4.6
130	99.0	74.1	111.1





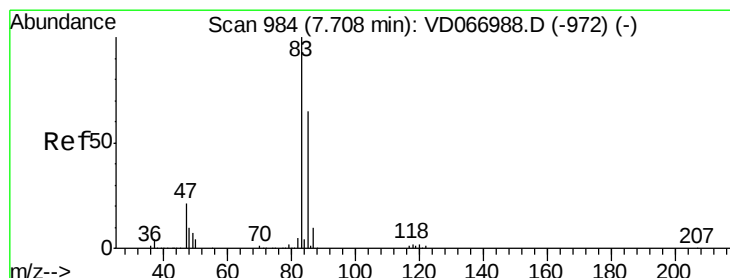
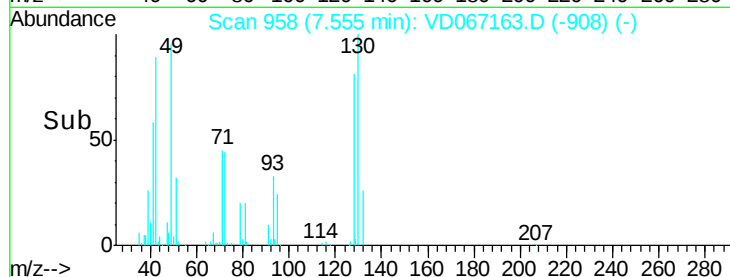
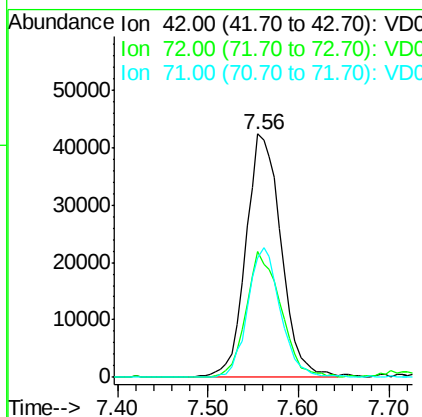
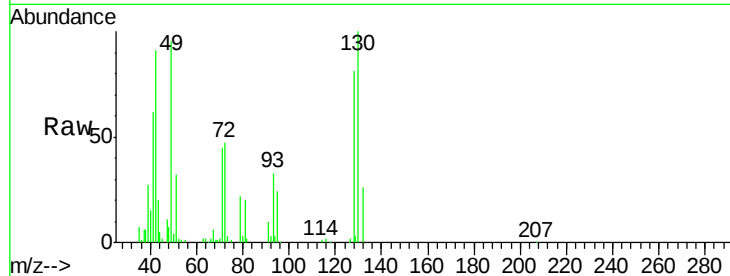
#29
Tetrahydrofuran
Concen: 239.706 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	39.1	58.7
71	49.1	34.2	51.4

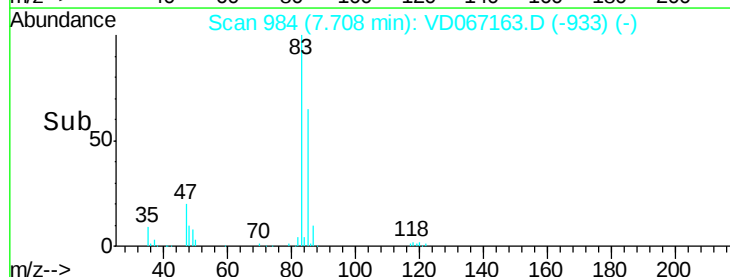
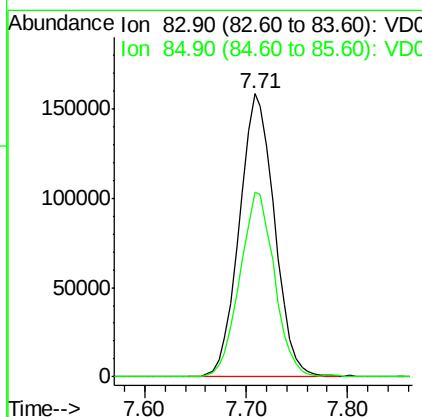
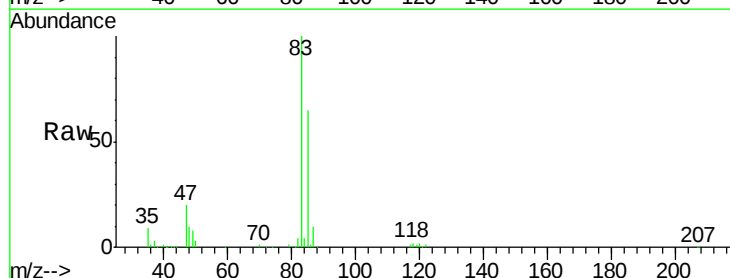
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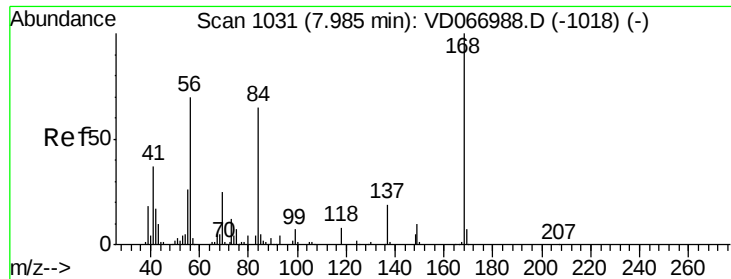
MMDadoda
10/8/2020 5:39:34 PM



#30
Chloroform
Concen: 51.034 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.3	78.5





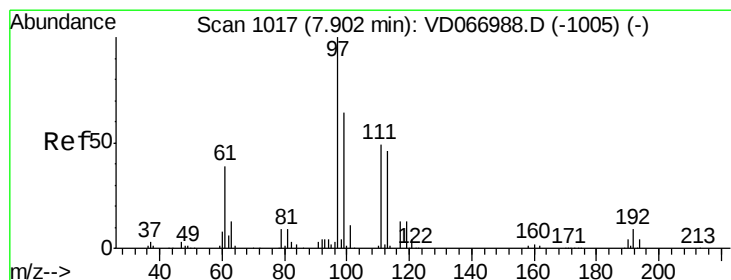
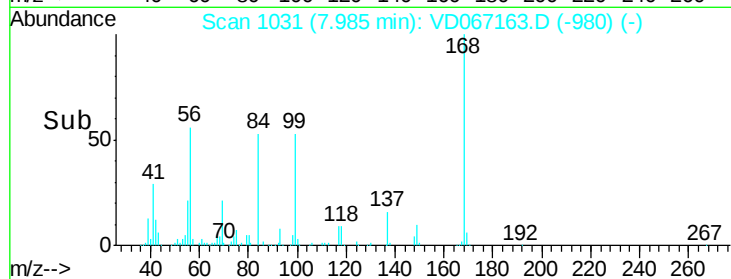
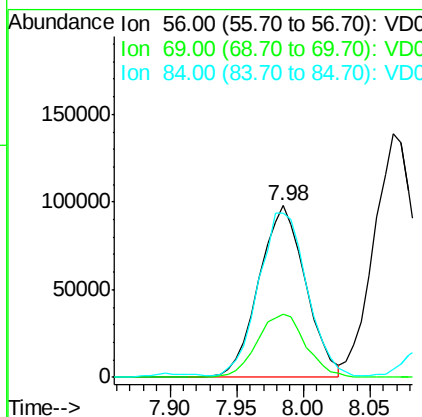
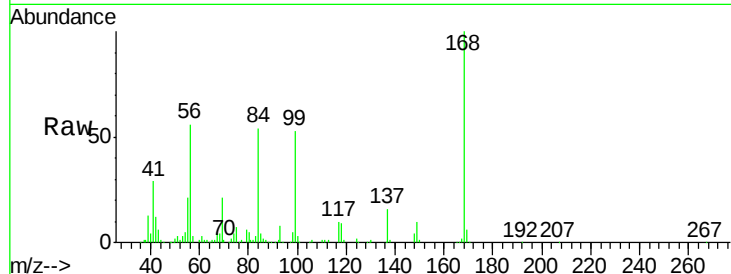
#31
Cyclohexane
Concen: 41.197 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	29.0	43.6
84	93.9	74.2	111.2

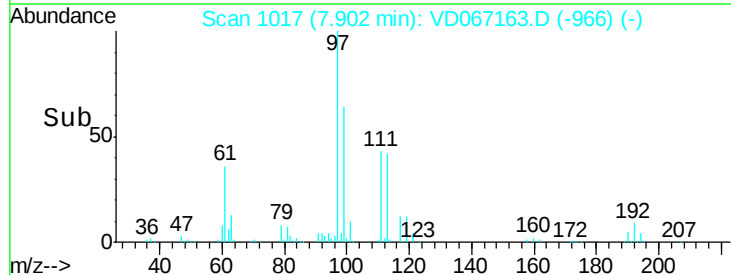
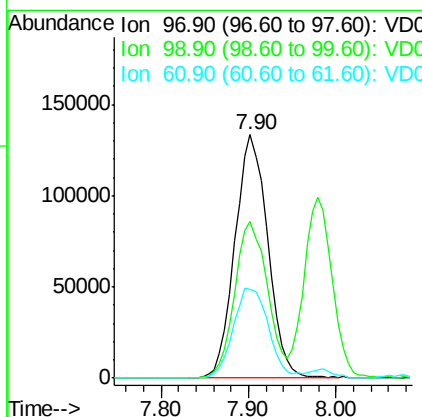
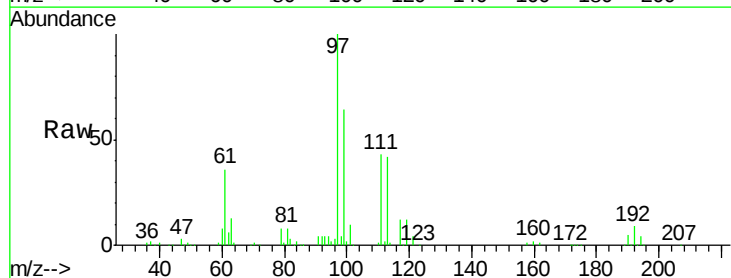
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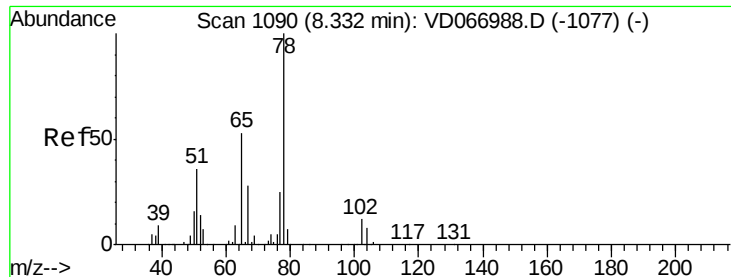
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.990 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.6	78.8
61	39.7	32.8	49.2





#33

1,2-Dichloroethane-d4

Concen: 48.214 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 185483

Ion Ratio Lower Upper

65 100

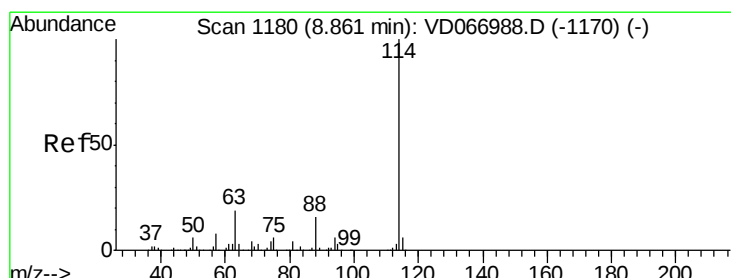
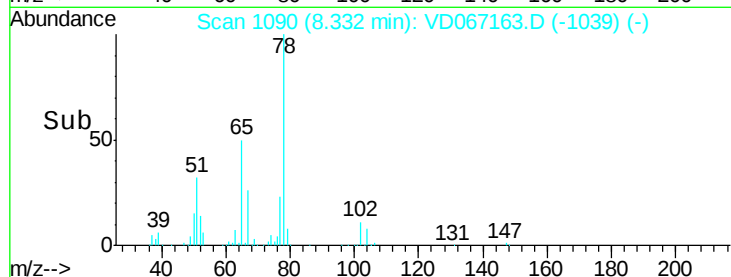
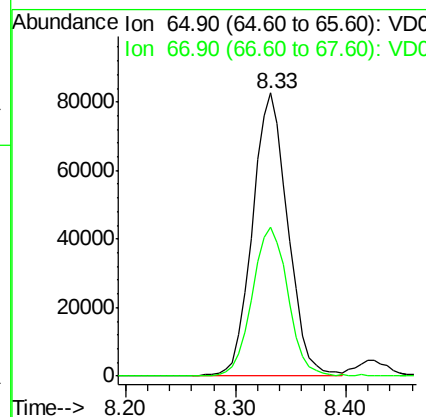
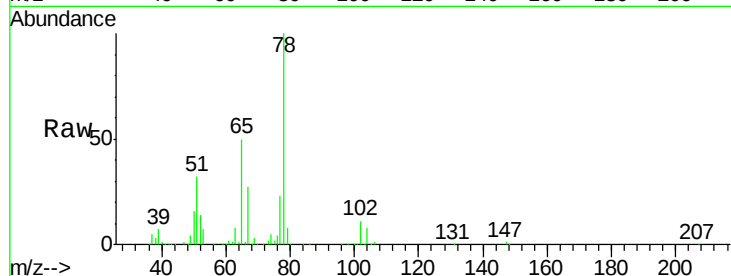
67 53.3 0.0 106.8

Manual Integrations

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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: VD067163.D

Acq: 07 Oct 2020 20:08

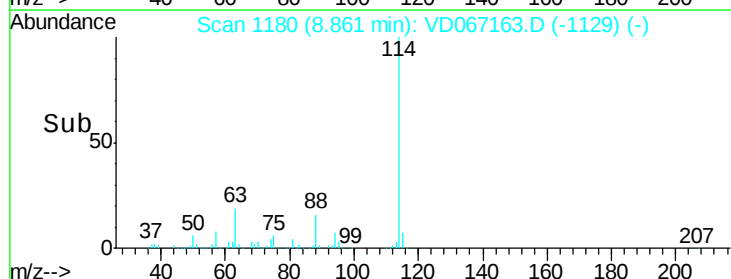
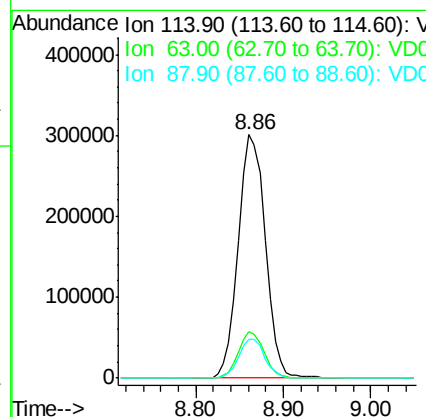
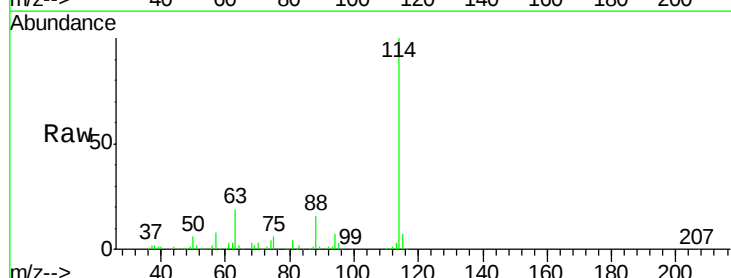
Tgt Ion: 114 Resp: 630695

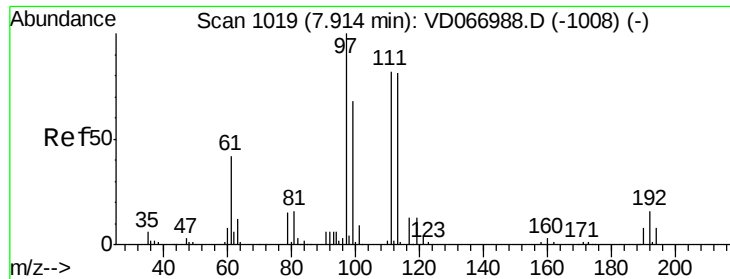
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.8 0.0 31.2





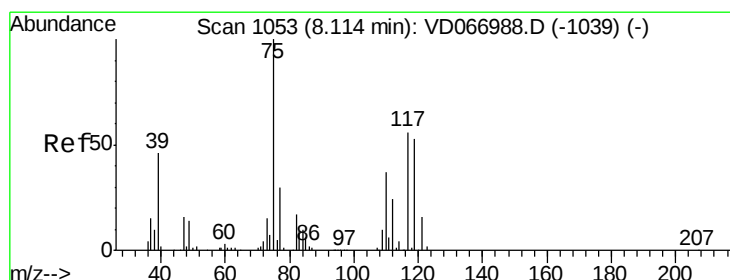
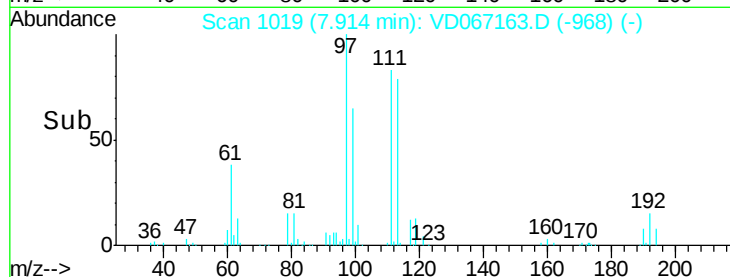
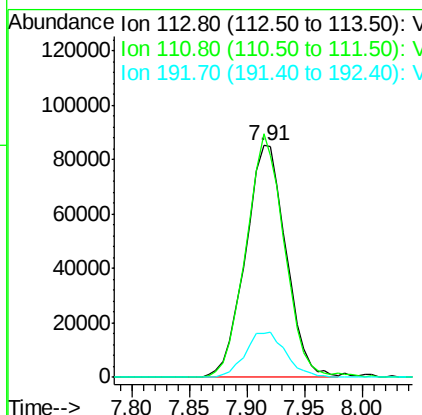
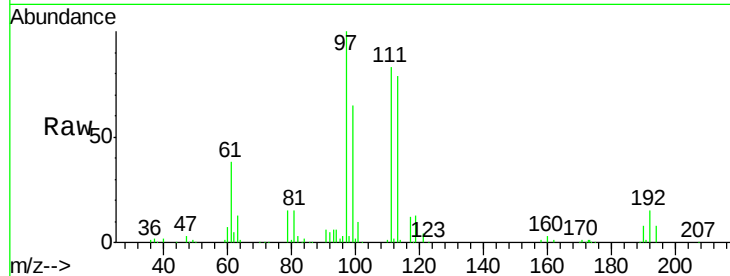
#35
Dibromofluoromethane
Concen: 50.515 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	208577		
111	99.7	83.0	124.4	
192	19.4	15.5	23.3	

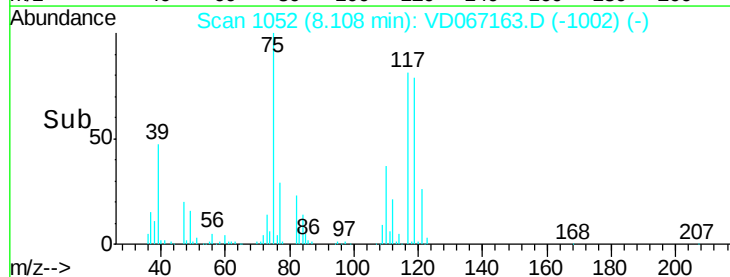
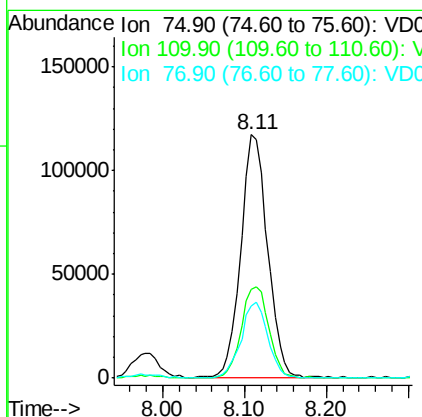
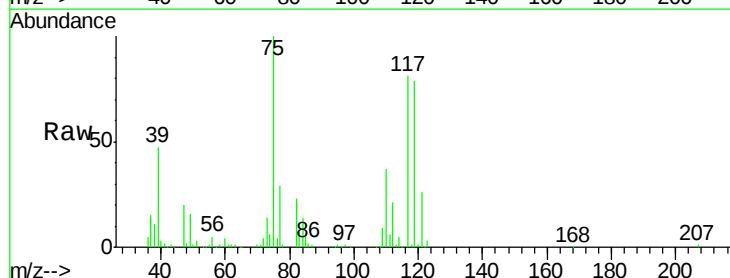
Manual Integrations
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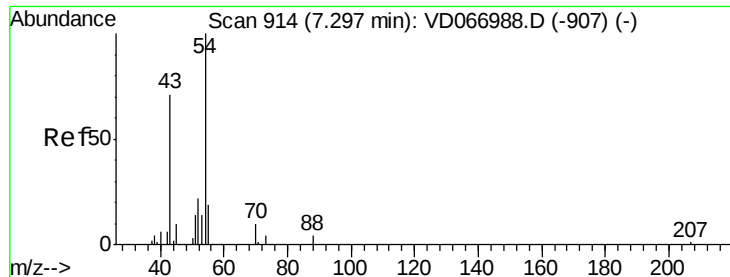
MMDadoda
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#36
1,1-Dichloropropene
Concen: 45.577 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	267937		
110	38.7	18.4	55.0	
77	31.4	24.8	37.2	





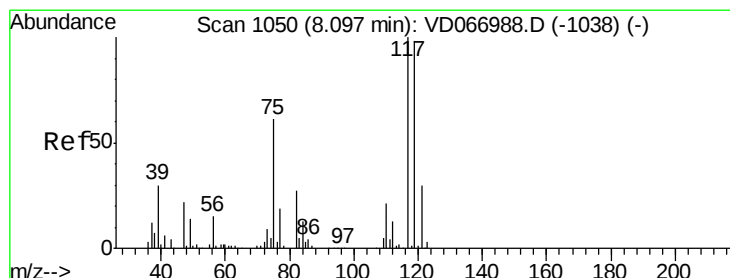
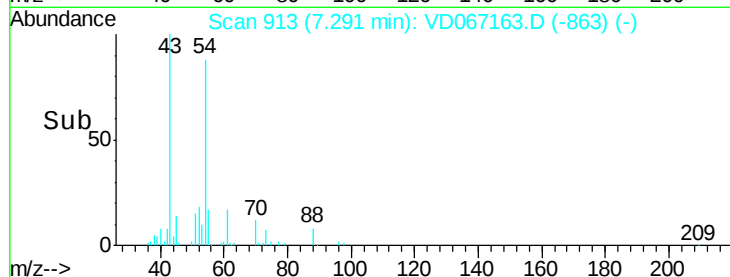
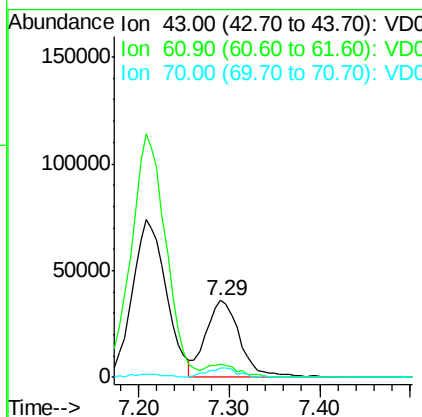
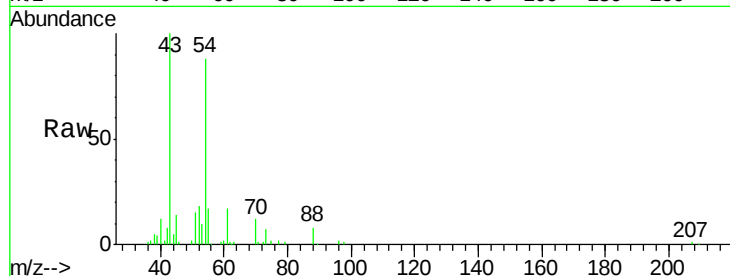
#37
Ethyl Acetate
Concen: 46.029 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.5	18.7
70	11.4	9.4	14.0

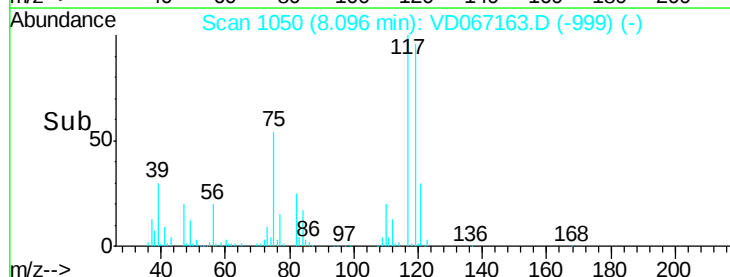
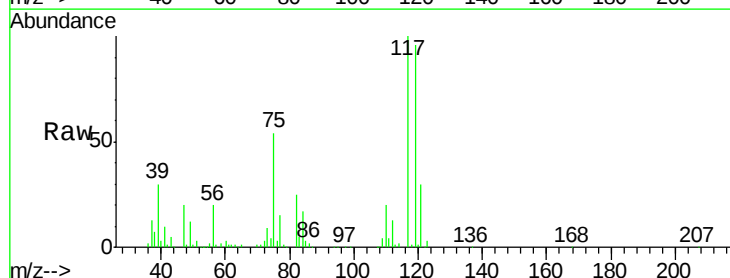
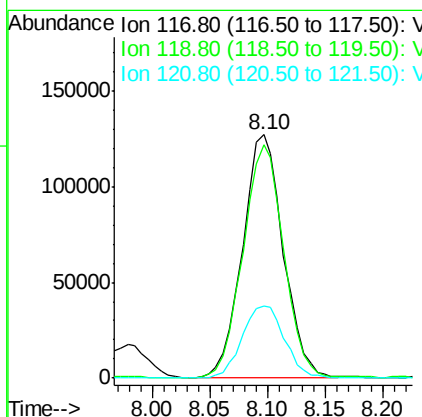
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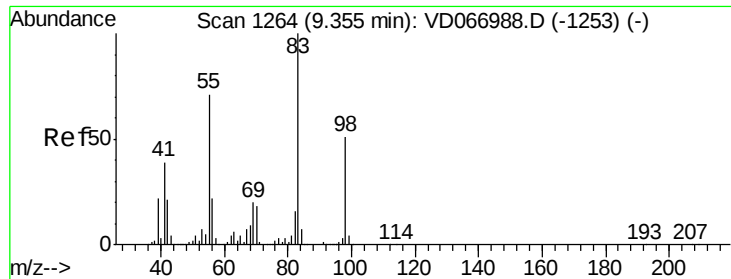
MMDadoda
10/8/2020 5:39:34 PM



#38
Carbon Tetrachloride
Concen: 48.641 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.7	118.1
121	29.9	24.2	36.2





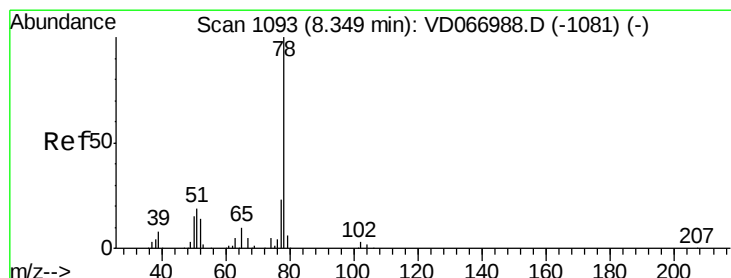
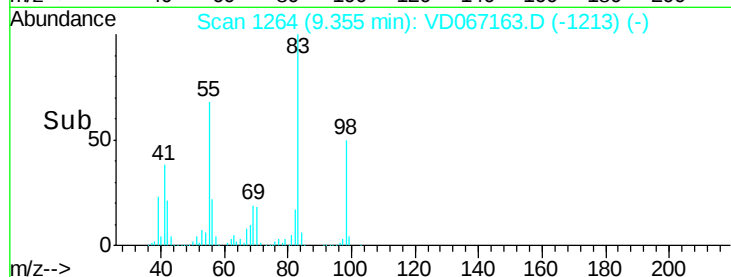
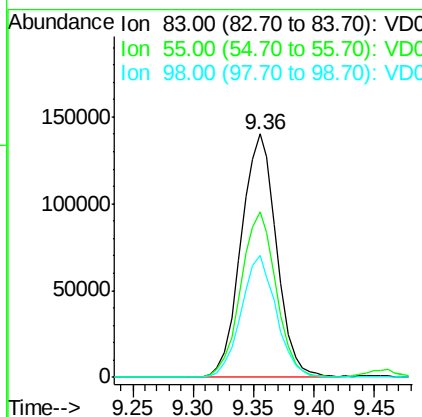
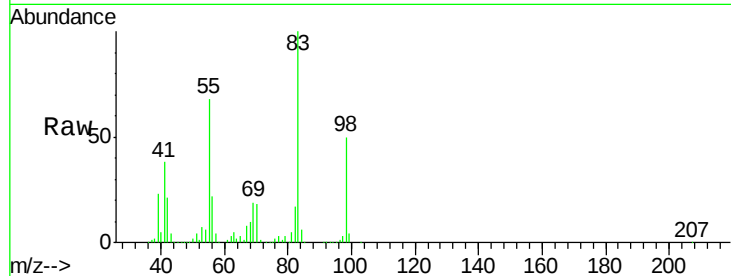
#39
Methvlcvclohexane
Concen: 46.079 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	286395		
55	68.1		57.1	85.7
98	49.9		40.9	61.3

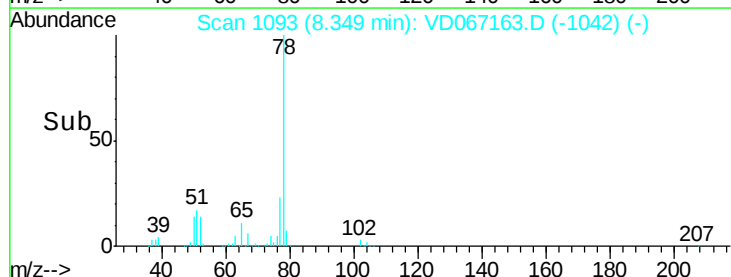
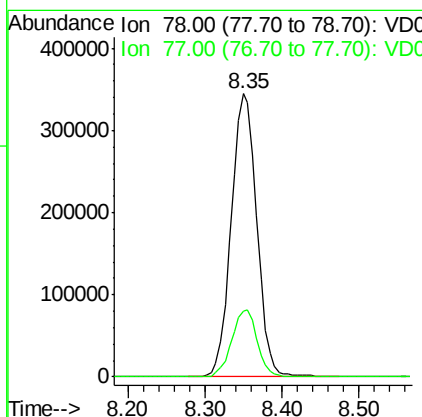
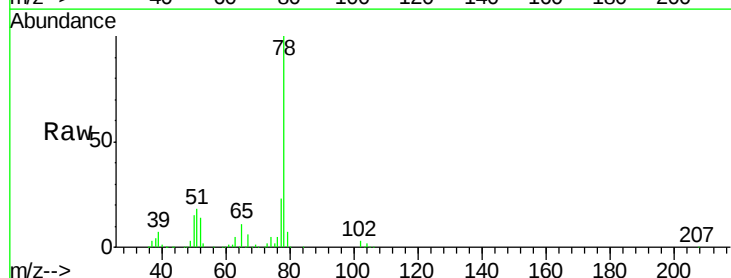
Manual Integrations
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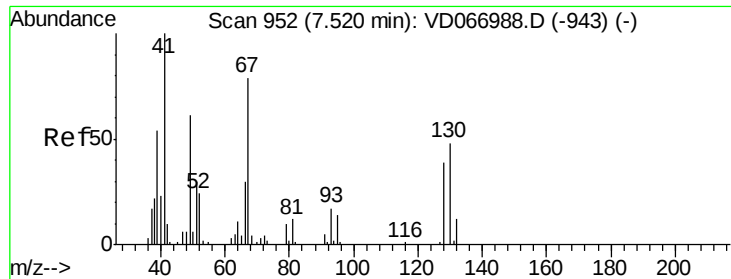
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#40
Benzene
Concen: 49.065 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	801167		
77	23.1		18.4	27.6





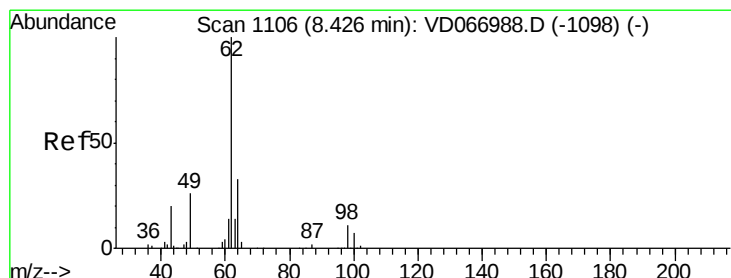
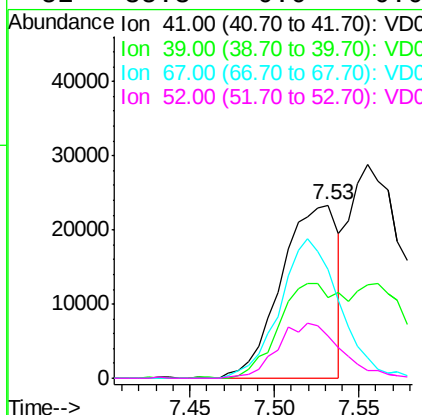
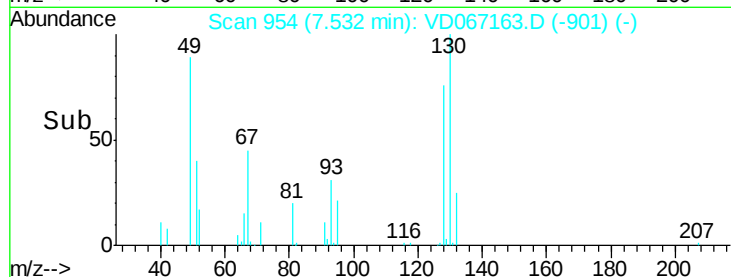
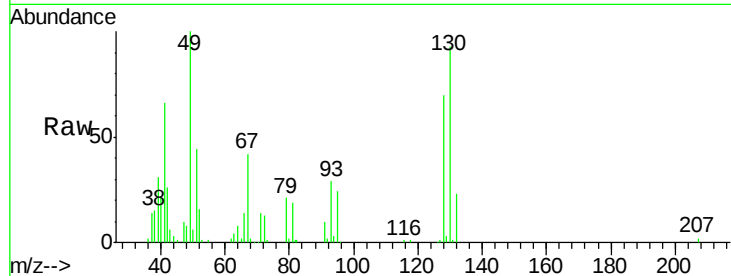
#41
Methacrylonitrile
Concen: 49.507 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.0	0.0	0.0#
67	85.0	0.0	0.0#
52	35.3	0.0	0.0#

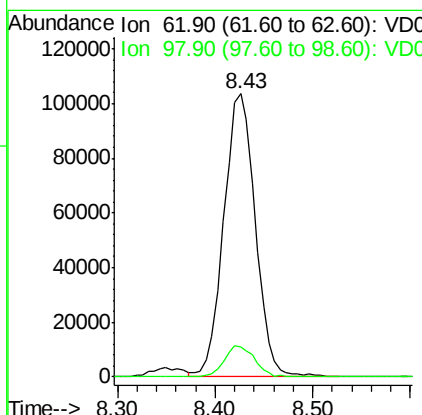
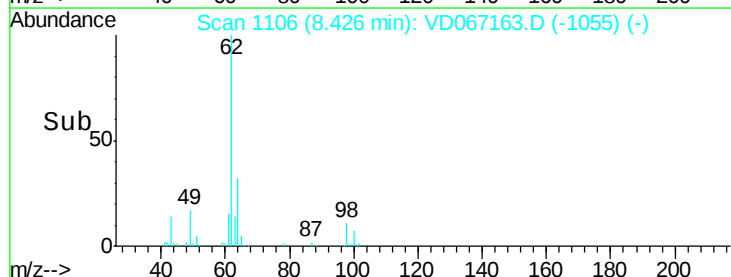
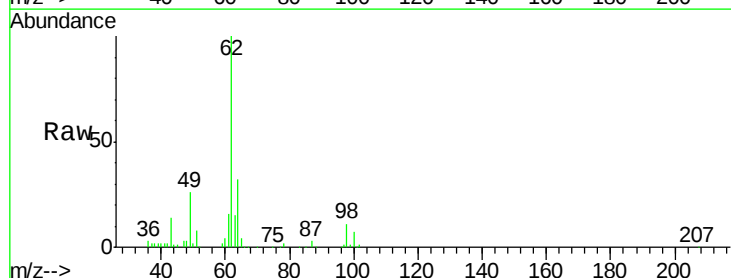
Manual Integrations
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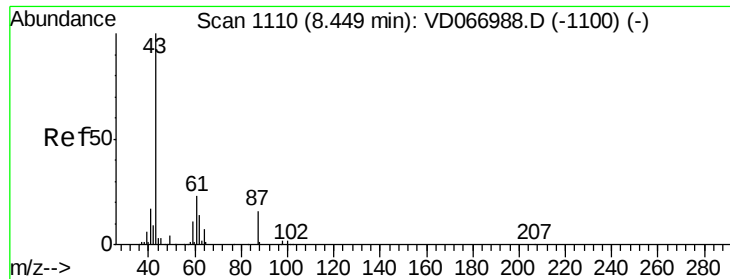
MMDadoda
10/8/2020 5:39:34 PM



#42
1,2-Dichloroethane
Concen: 50.605 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6





#43

Isopropyl Acetate

Concen: 48.545 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

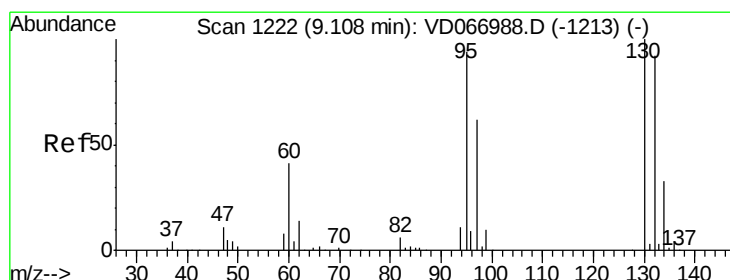
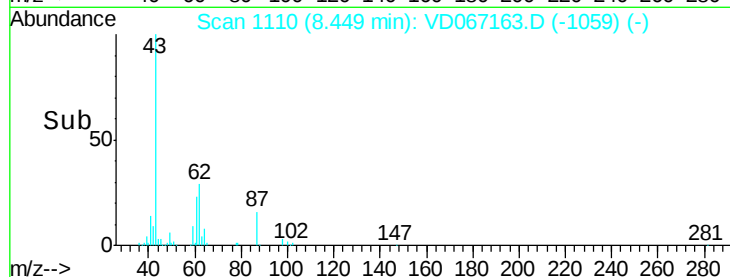
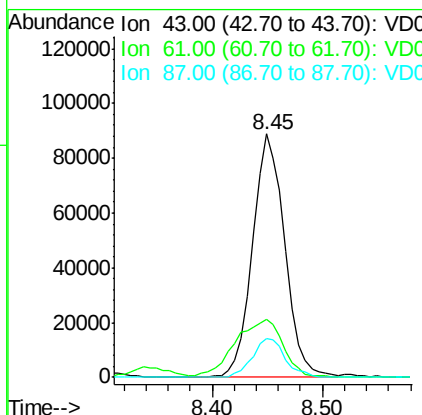
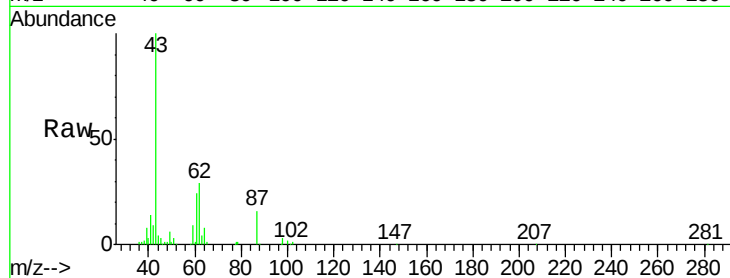
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	182132
Ion	Ratio	Lower	Upper
43	100		
61	35.3	27.1	40.7
87	16.4	12.3	18.5

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#44

Trichloroethene

Concen: 49.365 ug/l

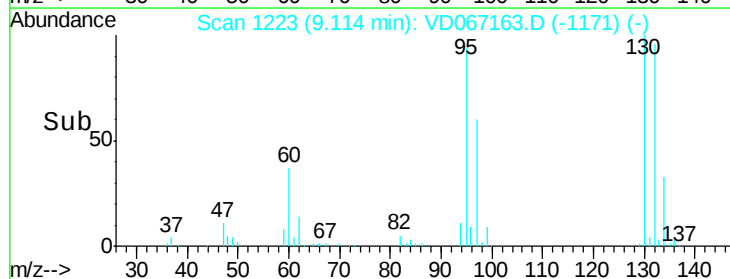
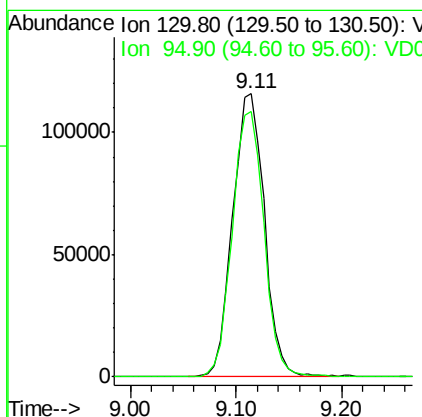
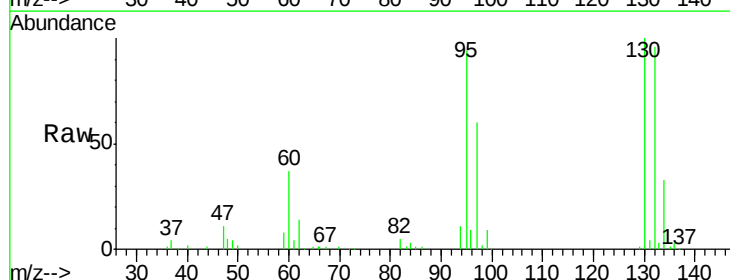
RT: 9.11 min Scan# 1223

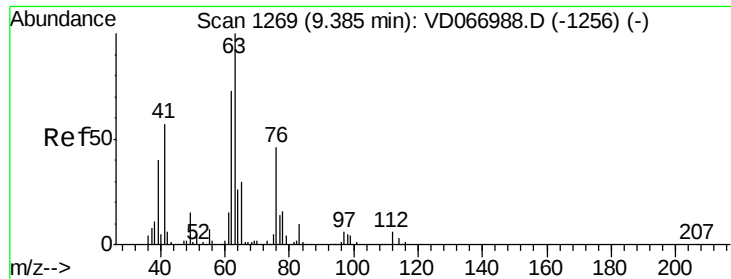
Delta R.T. 0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	130	Resp:	240698
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	187.8





#45

1,2-Dichloropropane

Concen: 50.509 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 193784

Ion Ratio Lower Upper

63 100

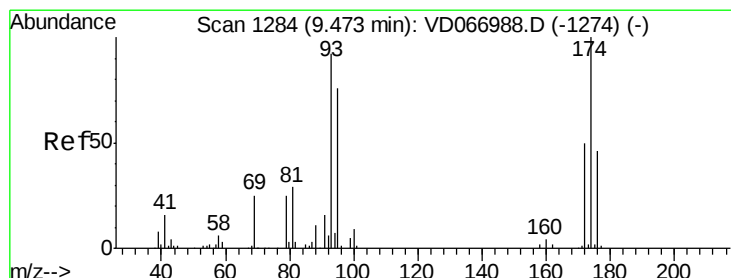
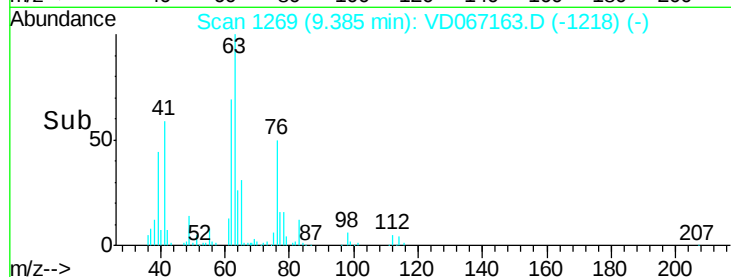
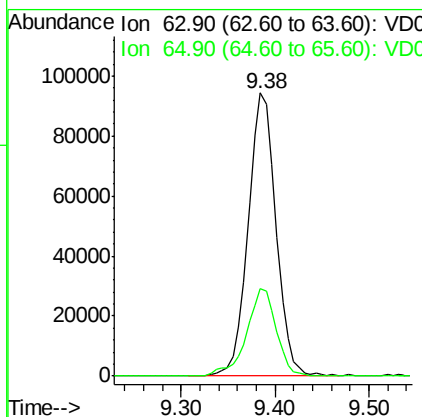
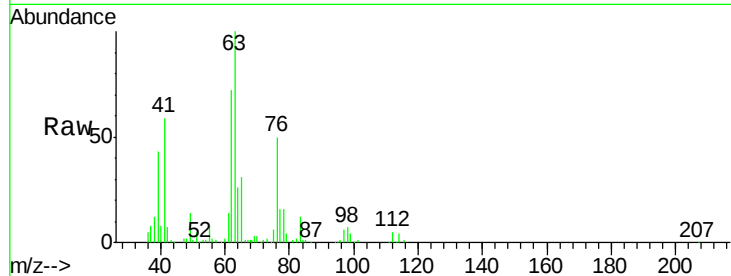
65 30.9 23.7 35.5

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#46

Dibromomethane

Concen: 52.411 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

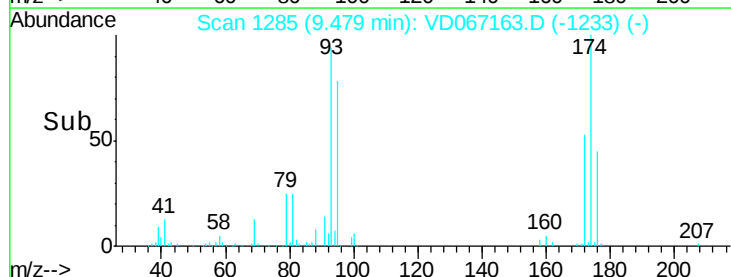
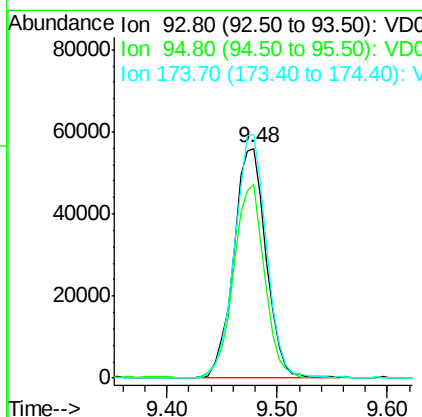
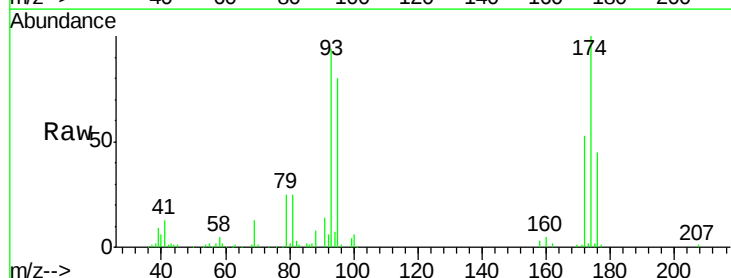
Tgt Ion: 93 Resp: 115571

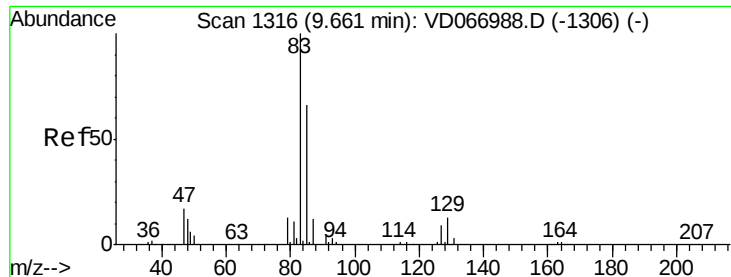
Ion Ratio Lower Upper

93 100

95 80.8 64.7 97.1

174 104.1 81.4 122.2





#47

Bromodichloromethane

Concen: 51.621 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

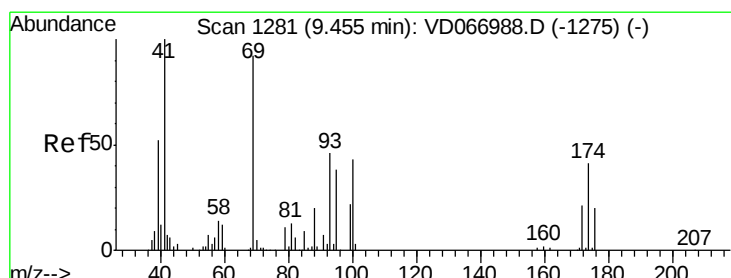
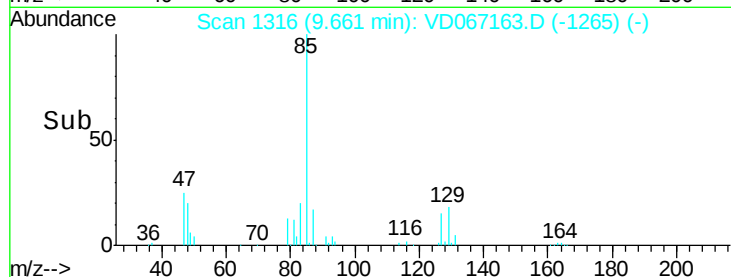
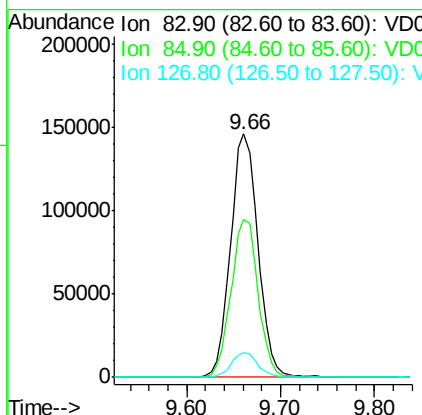
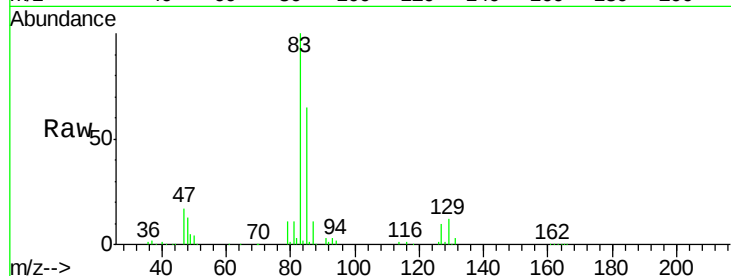
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	295890
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.9	79.3
127	10.0	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.226 ug/l

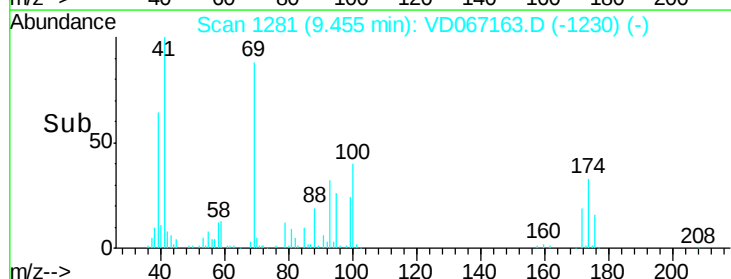
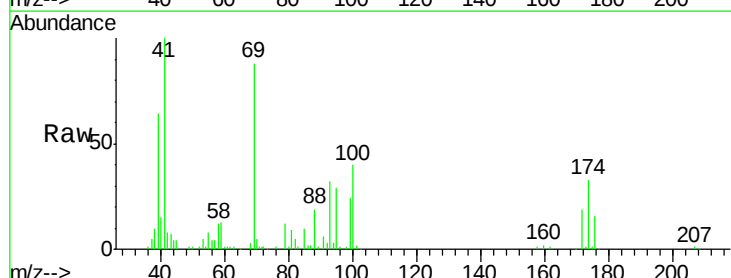
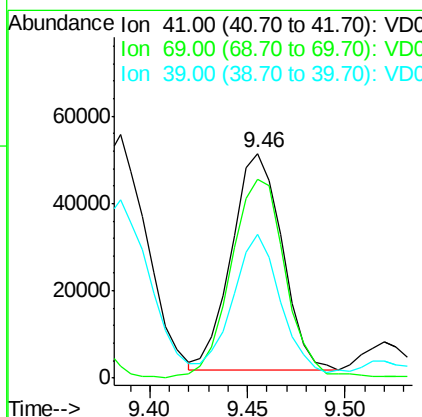
RT: 9.46 min Scan# 1281

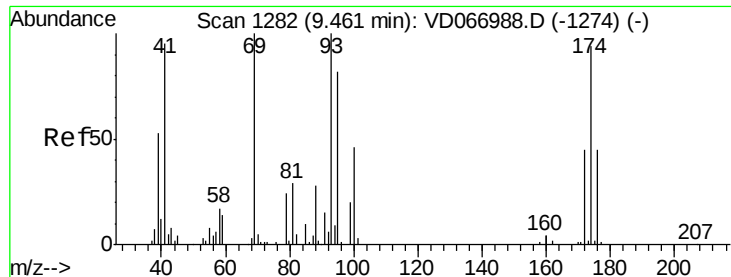
Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	41	Resp:	88851
Ion Ratio	Lower	Upper	
41	100		
69	98.3	68.5	102.7
39	64.3	40.2	60.2#





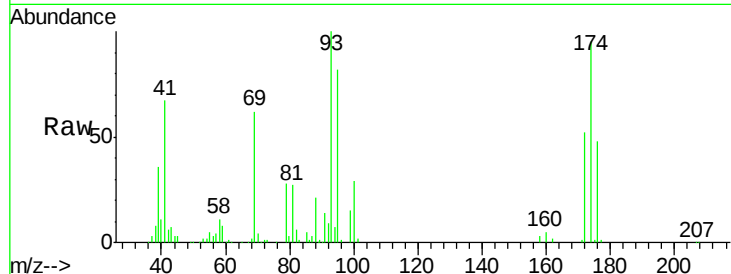
#49
1,4-Dioxane
Concen: 942.291 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	21686
Ion	Ratio	Lower	Upper
88	100		
43	28.9	25.6	38.4
58	63.4	53.5	80.3

Manual Integrations
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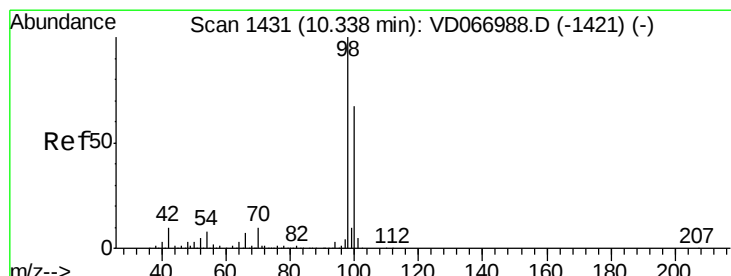
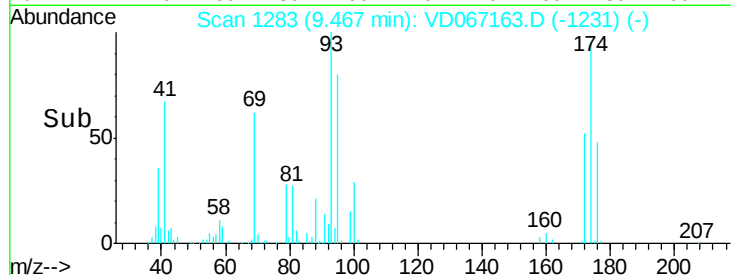
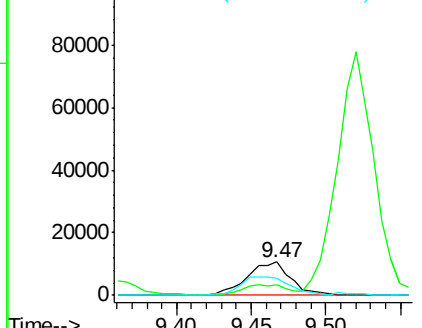


Abundance

Ion 88.00 (87.70 to 88.70): VDC

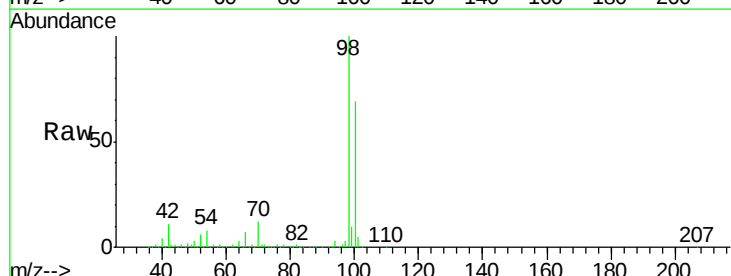
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 48.383 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

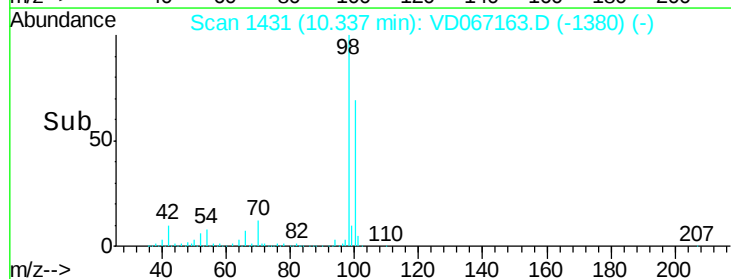
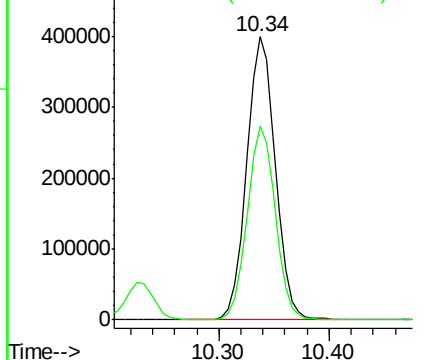
Tgt Ion	98	Resp	727964
Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.8	79.2

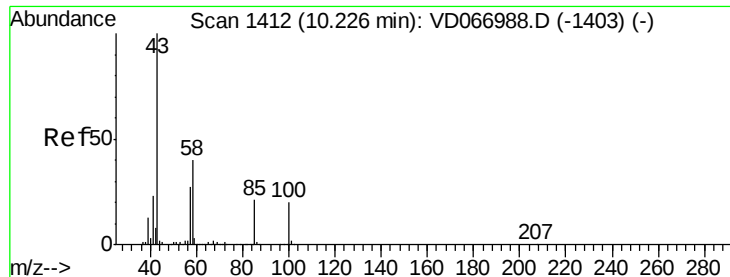


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 245.959 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 459639

Ion Ratio Lower Upper

43 100

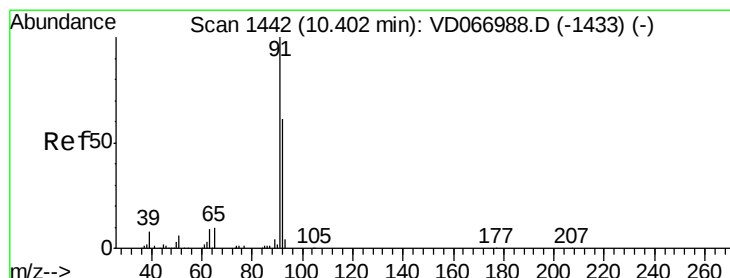
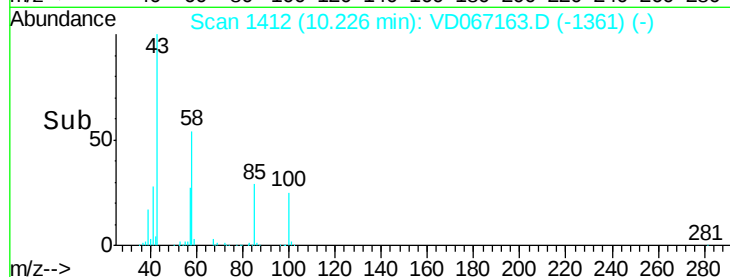
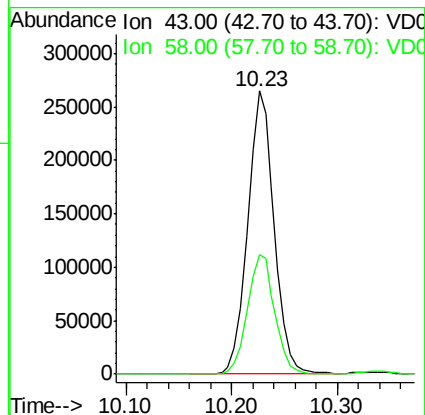
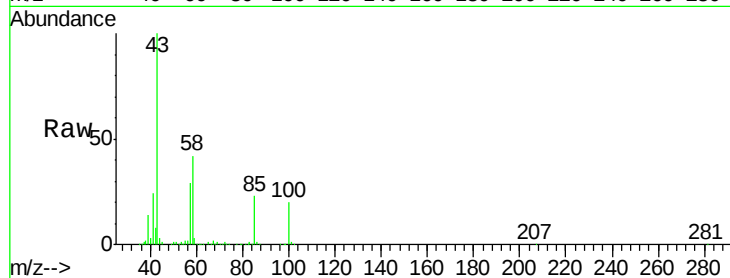
58 43.6 33.8 50.8

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#52

Toluene

Concen: 51.738 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067163.D

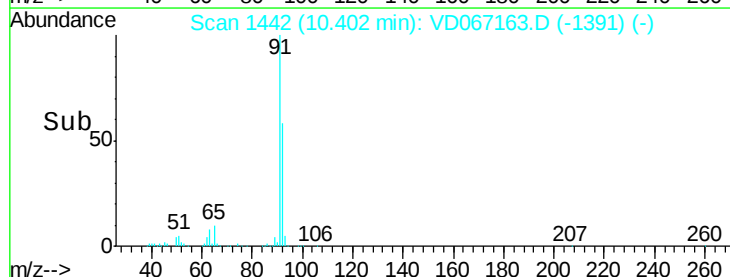
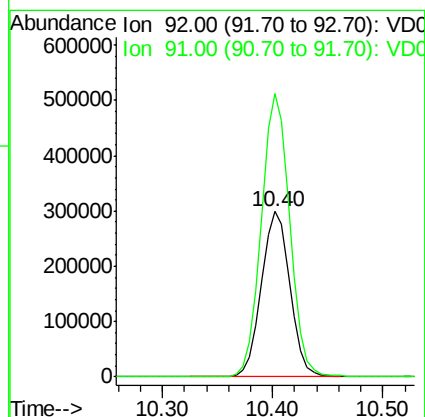
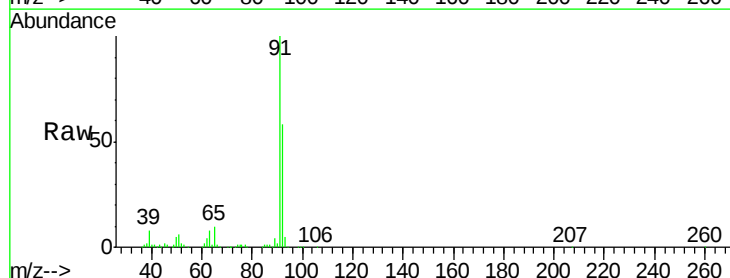
Acq: 07 Oct 2020 20:08

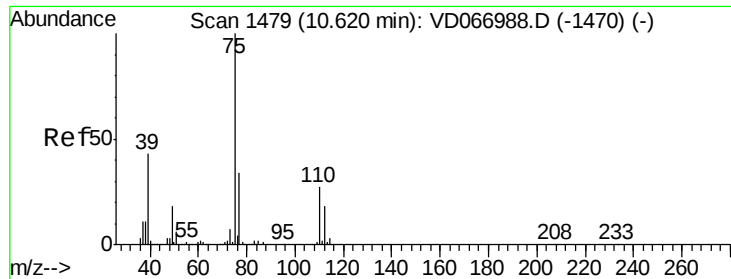
Tgt Ion: 92 Resp: 544207

Ion Ratio Lower Upper

92 100

91 170.2 135.1 202.7





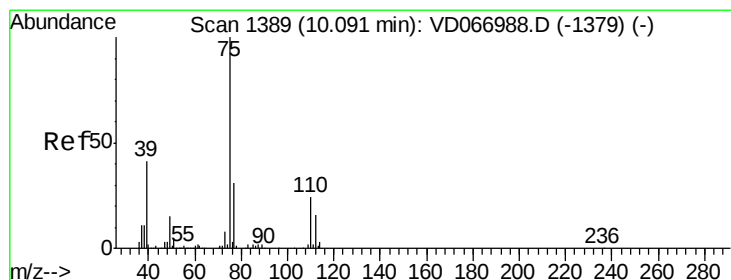
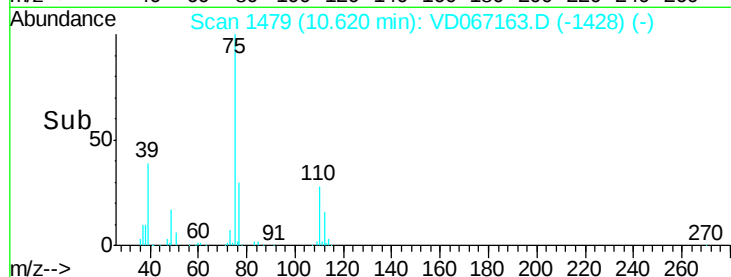
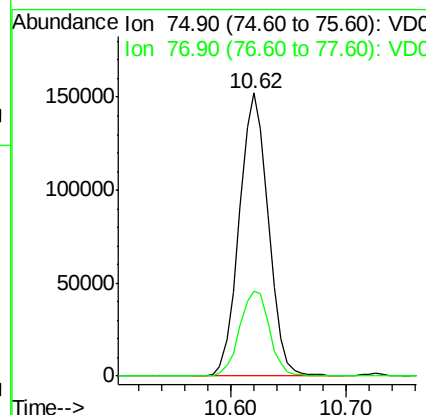
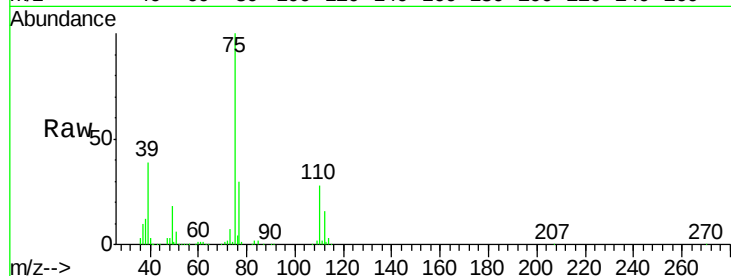
#53
 t-1,3-Dichloropropene
 Concen: 51.683 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	27.1	40.7

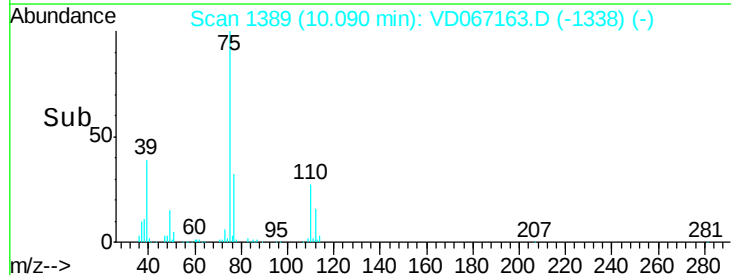
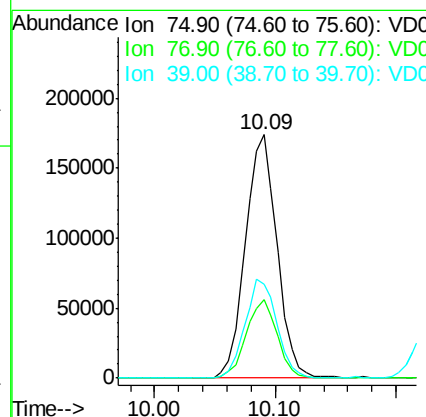
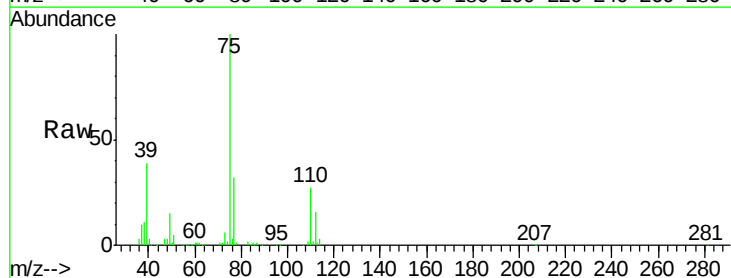
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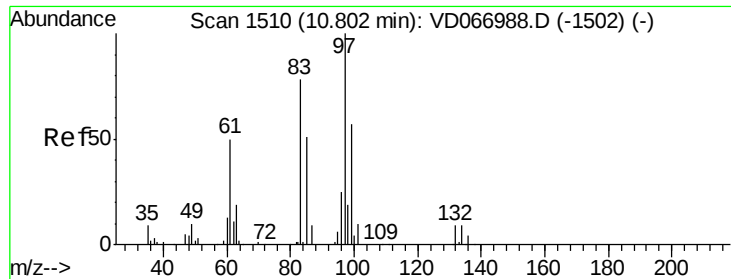
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#54
 cis-1,3-Dichloropropene
 Concen: 50.808 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	37.0
39	38.4	33.0	49.4





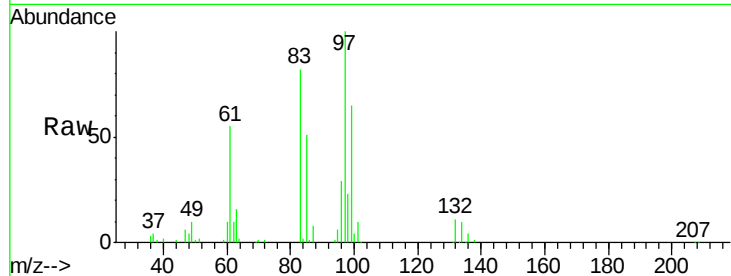
#55
 1,1,2-Trichloroethane
 Concen: 51.434 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

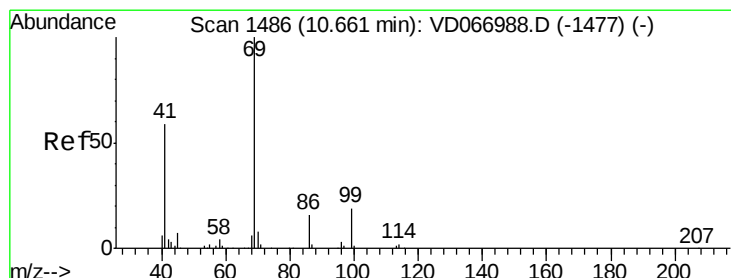
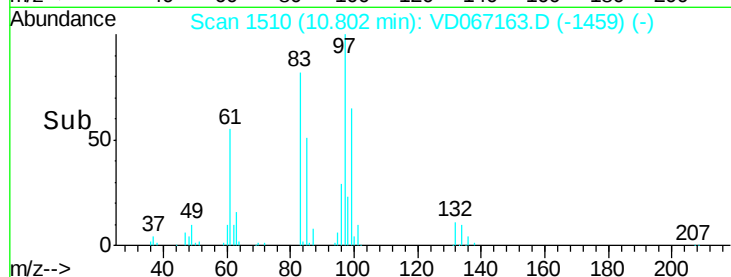
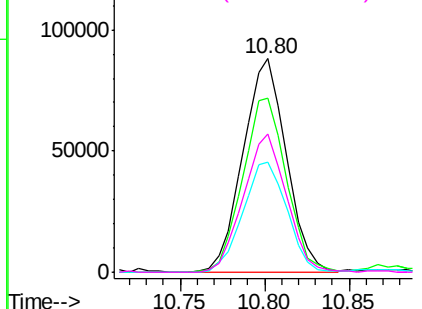
Tot Ion:	97	Resp:	157685
Ion	Ratio	Lower	Upper
97	100		
83	81.2	62.4	93.6
85	51.4	41.0	61.4
99	64.3	45.9	68.9

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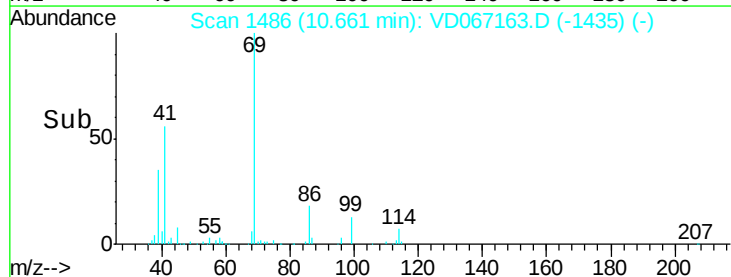
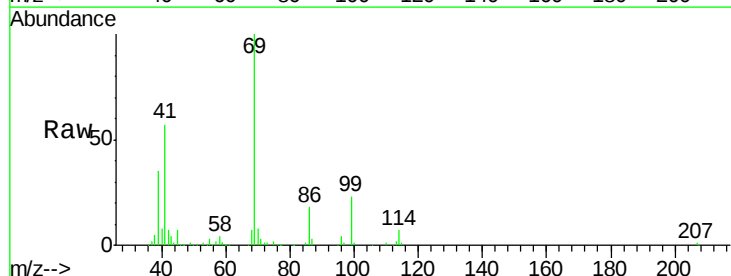
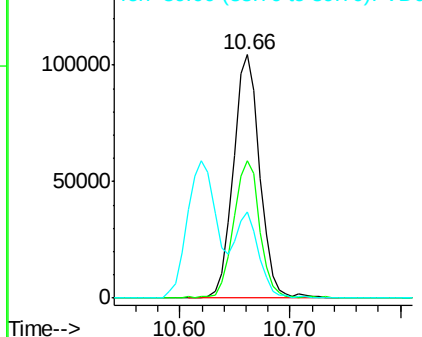
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

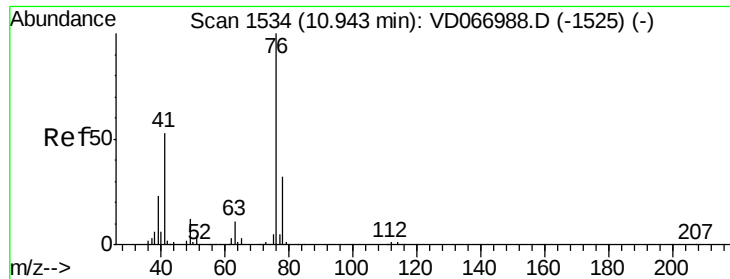


#56
 Ethyl methacrylate
 Concen: 55.584 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion:	69	Resp:	175935
Ion	Ratio	Lower	Upper
69	100		
41	54.9	46.4	69.6
39	31.4	23.8	35.6

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





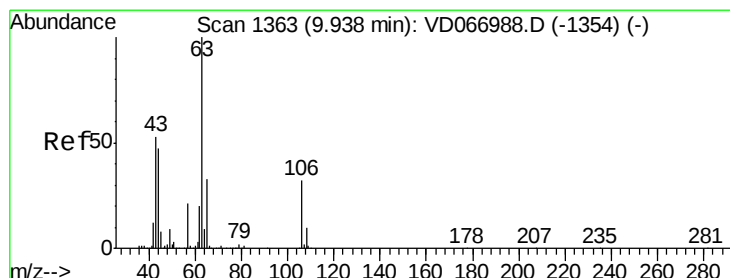
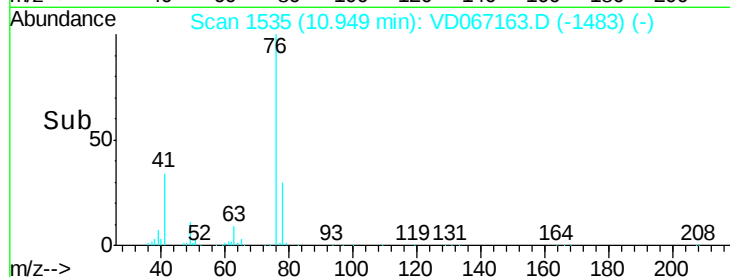
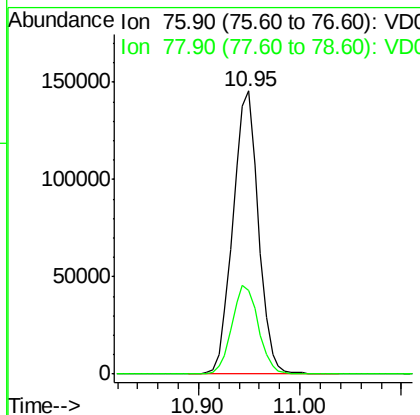
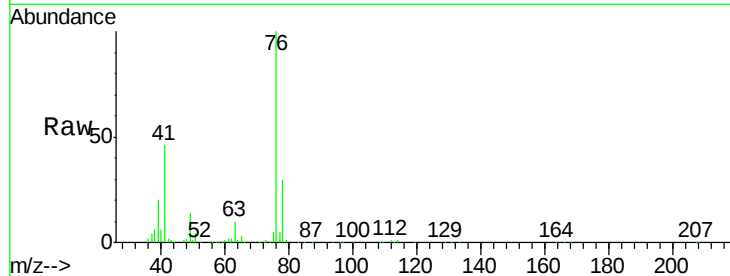
#57
 1,3-Dichloropropane
 Concen: 51.099 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 254037
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

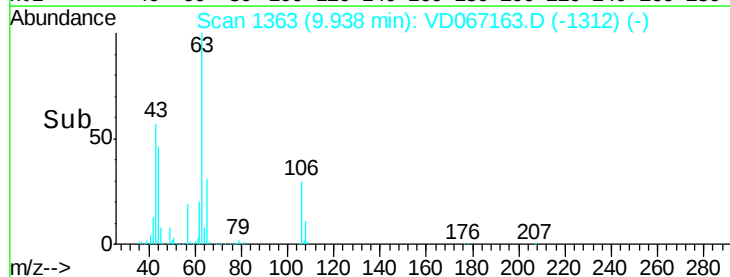
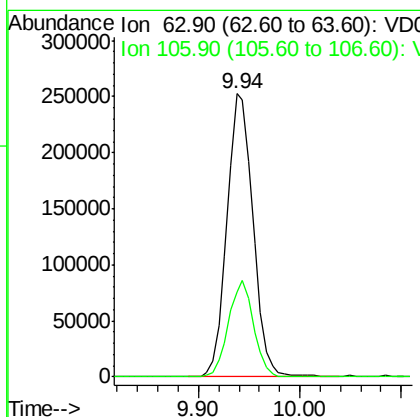
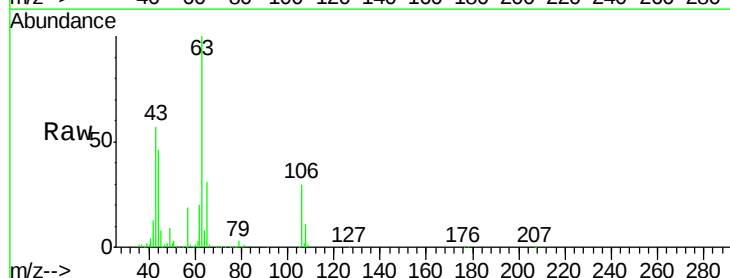
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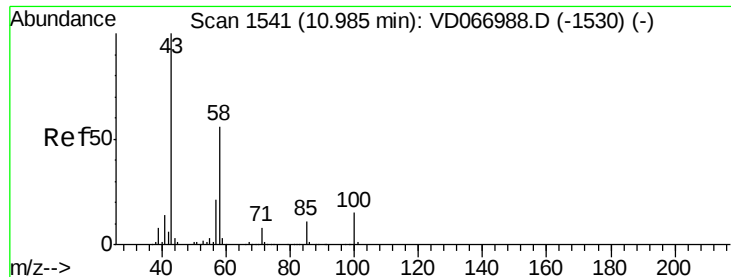
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.968 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion: 63 Resp: 450937
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.3 37.9





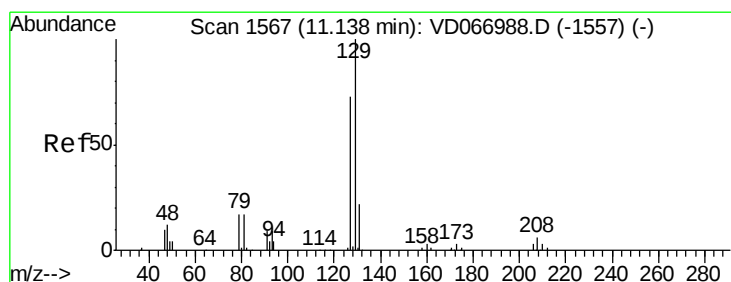
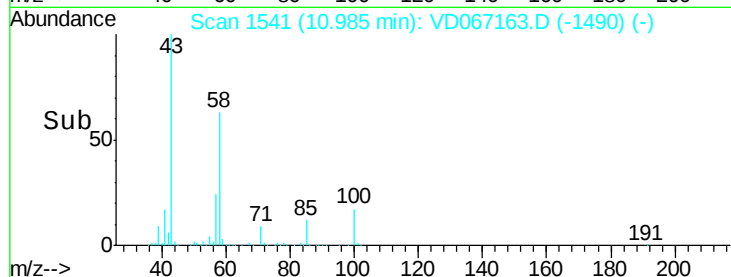
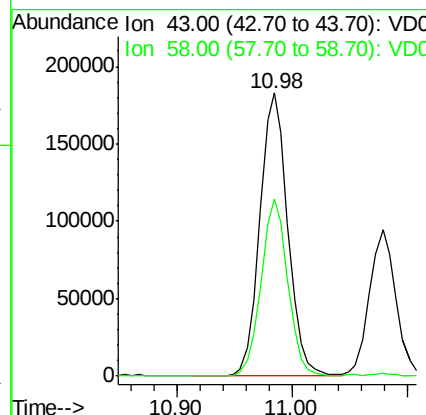
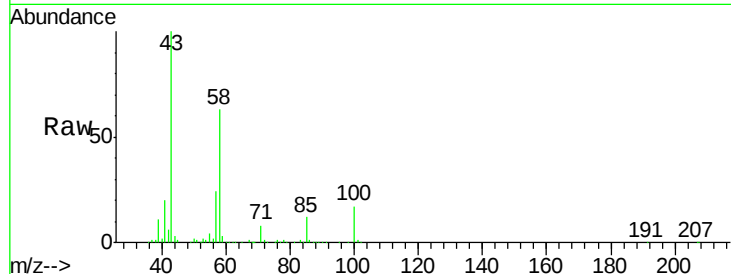
#59
2-Hexanone
Concen: 247.805 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 309085
Ion Ratio Lower Upper
43 100
58 59.9 28.3 84.9

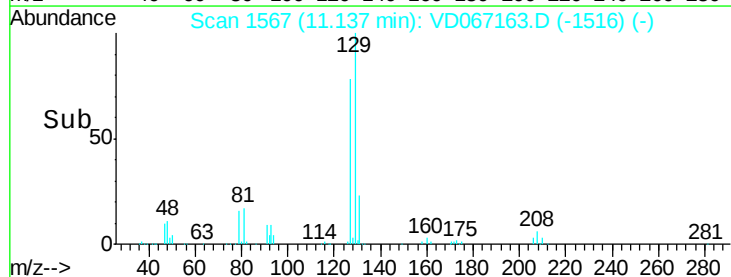
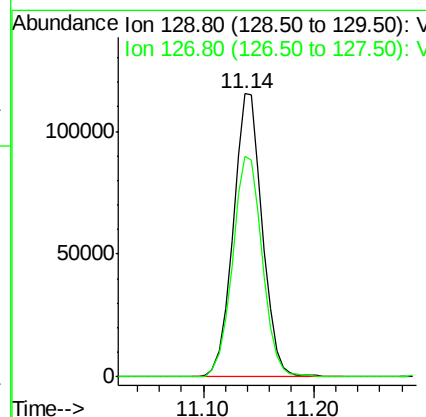
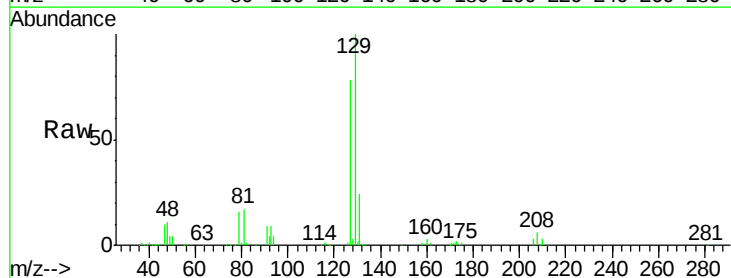
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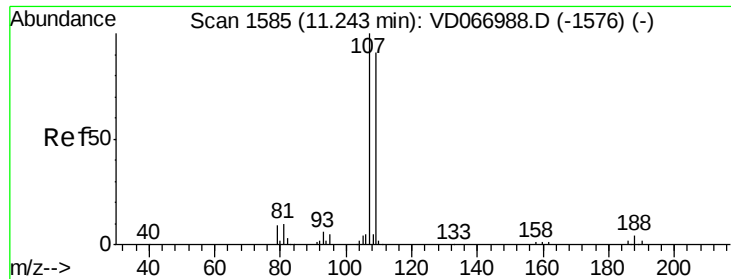
MMDadoda
10/8/2020 5:39:34 PM



#60
Dibromochloromethane
Concen: 51.873 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion: 129 Resp: 211961
Ion Ratio Lower Upper
129 100
127 79.7 37.4 112.1





#61

1,2-Dibromoethane

Concen: 50.850 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 149771

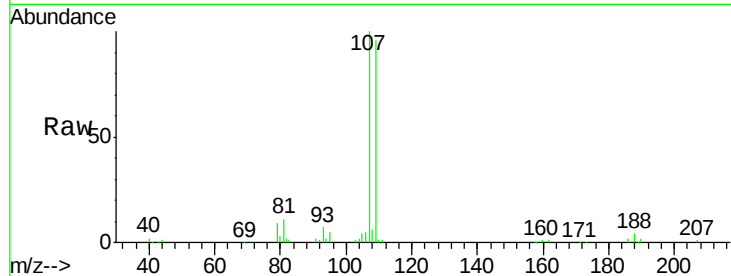
Ion Ratio Lower Upper

107 100

109 99.3 74.0 111.0

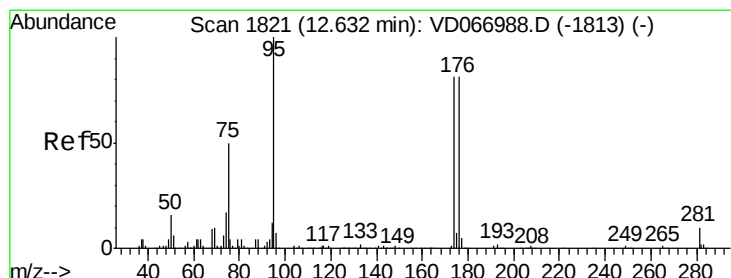
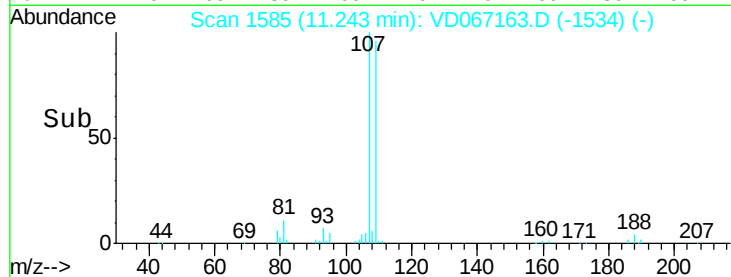
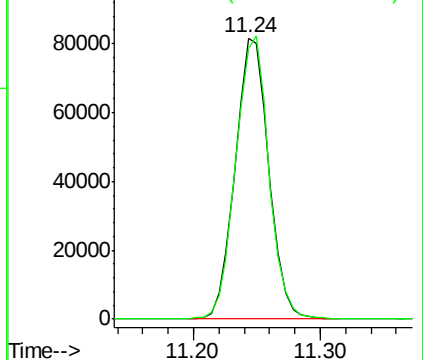
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.321 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

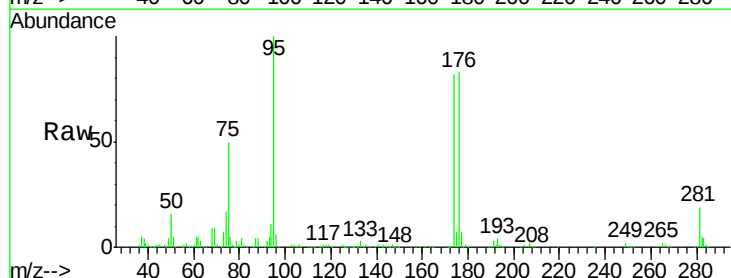
Tgt Ion: 95 Resp: 262131

Ion Ratio Lower Upper

95 100

174 82.9 0.0 167.6

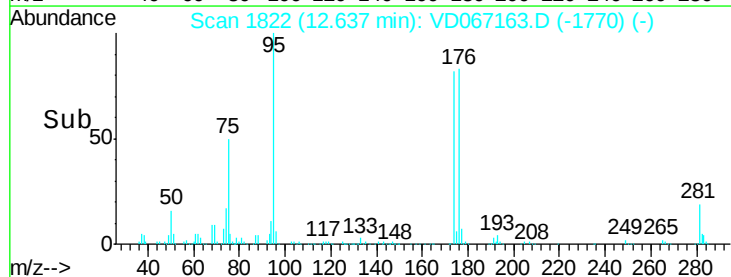
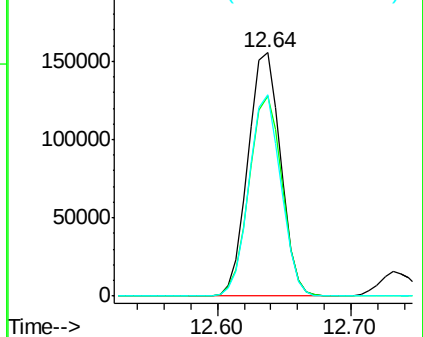
176 80.7 0.0 162.4

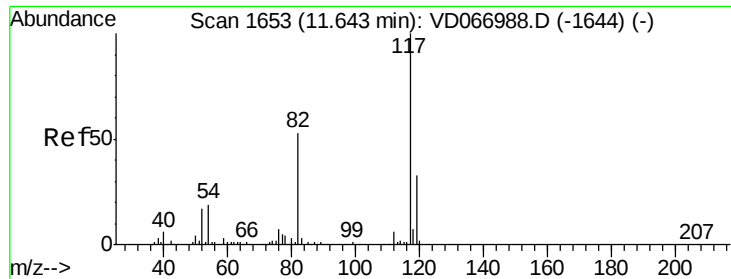


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





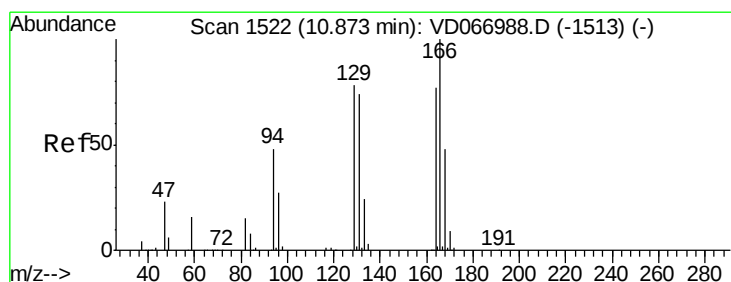
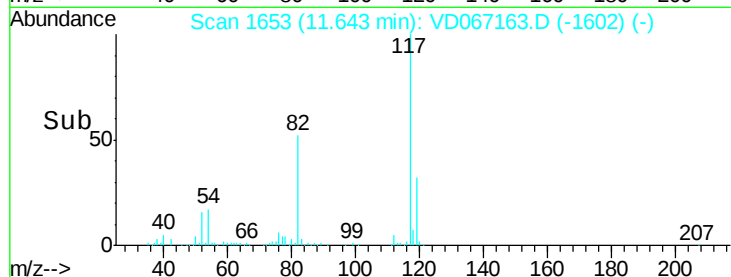
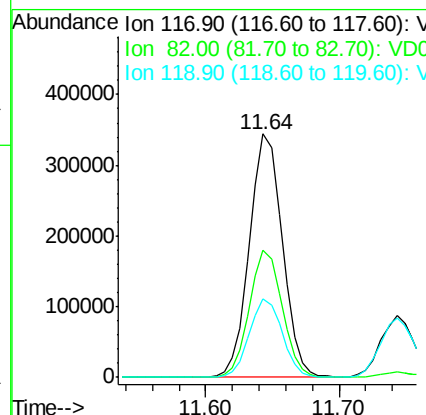
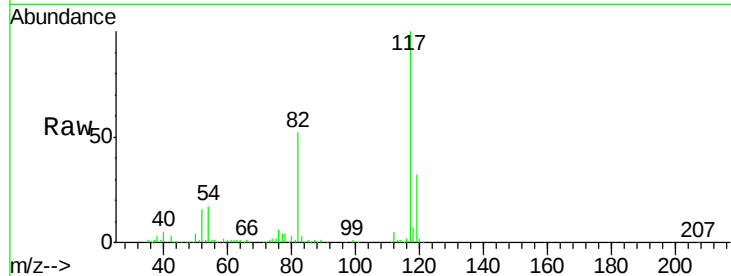
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	586853		
82	52.4		42.6	63.8
119	32.2		26.3	39.5

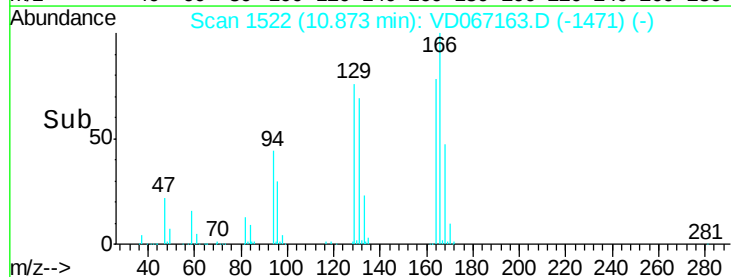
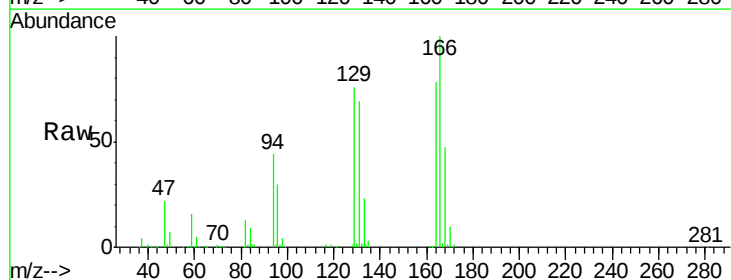
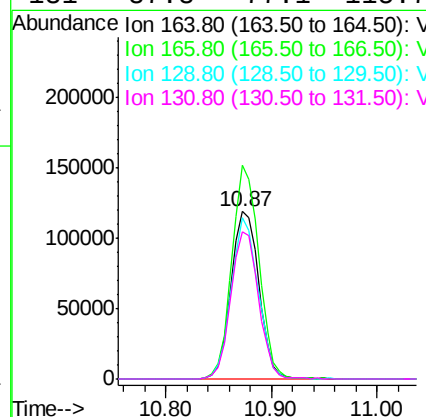
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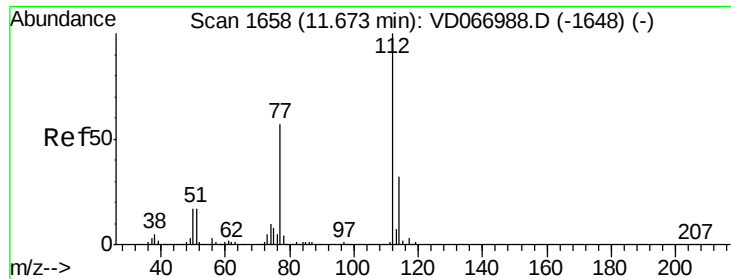
MMDadoda
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#64
Tetrachloroethene
Concen: 50.855 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216970		
166	127.6		104.4	156.6
129	96.7		81.3	121.9
131	87.8		77.1	115.7





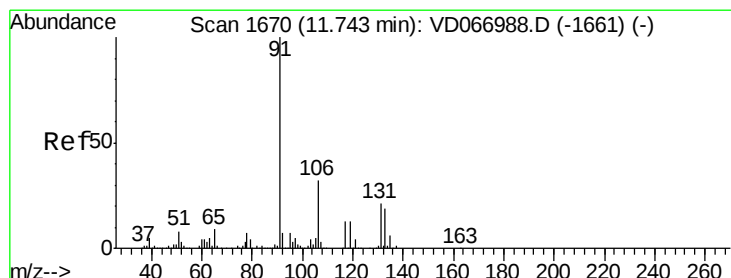
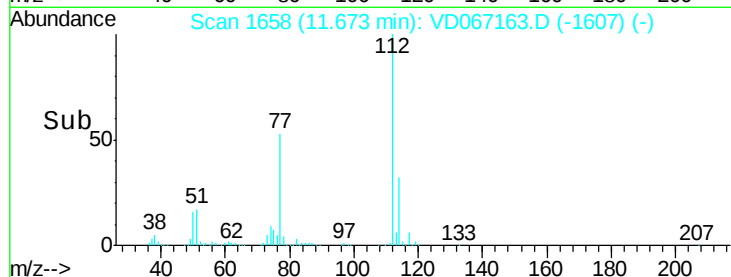
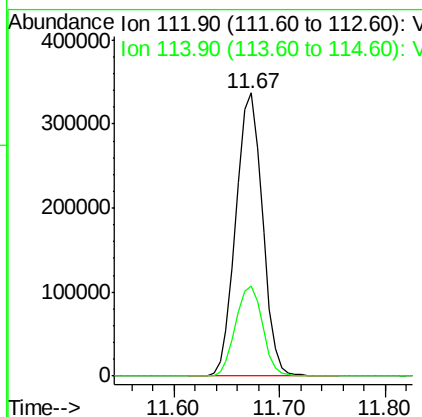
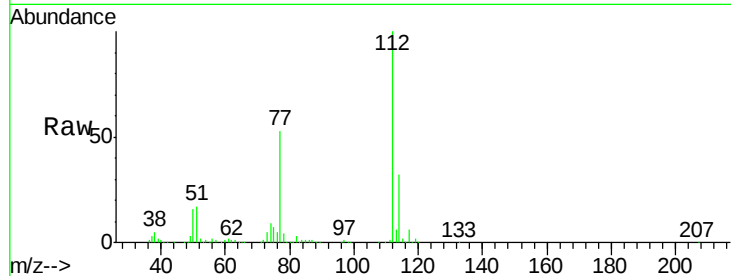
#65
Chlorobenzene
Concen: 50.261 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	586638		
114	31.6	25.4	38.0	

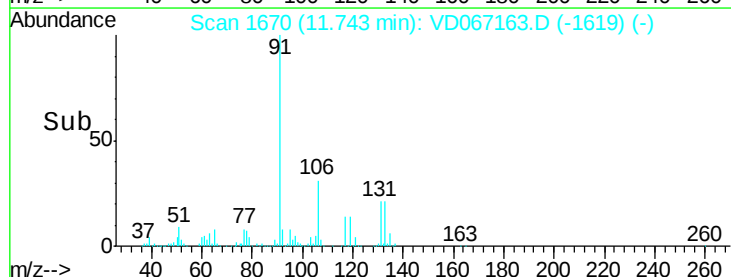
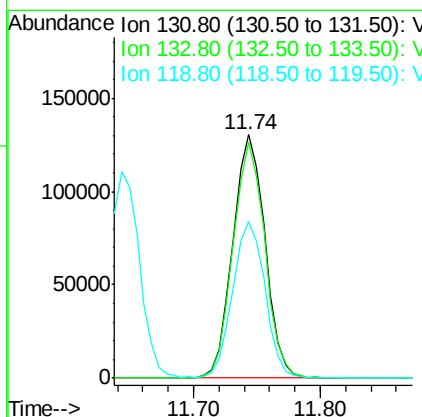
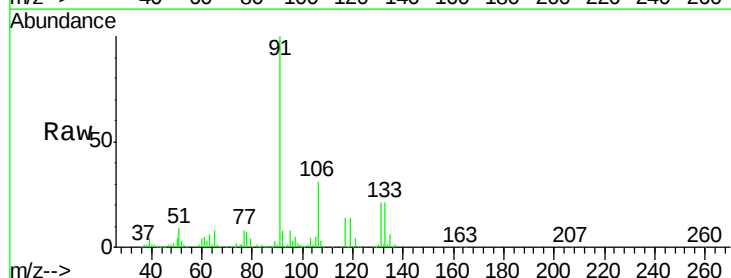
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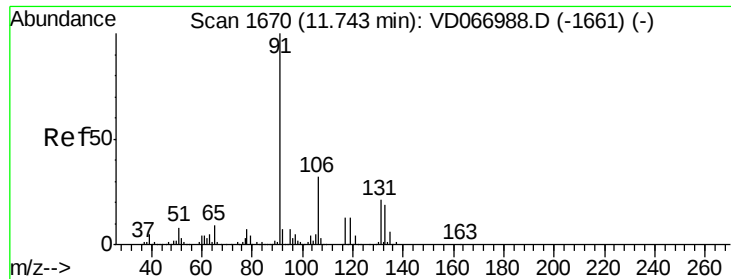
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.559 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	228911		
133	96.0	47.8	143.3	
119	64.8	32.3	96.8	





#67

Ethyl Benzene

Concen: 51.069 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1021299

Ion Ratio Lower Upper

91 100

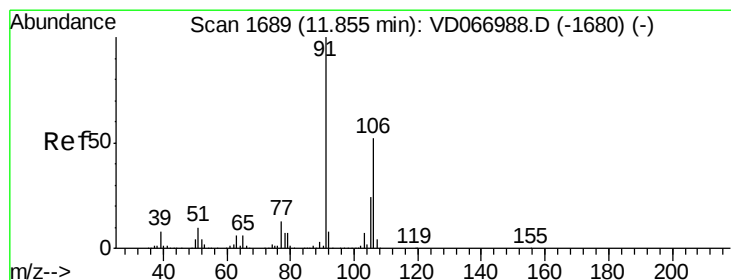
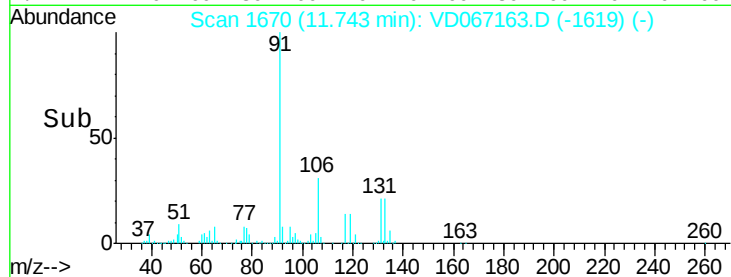
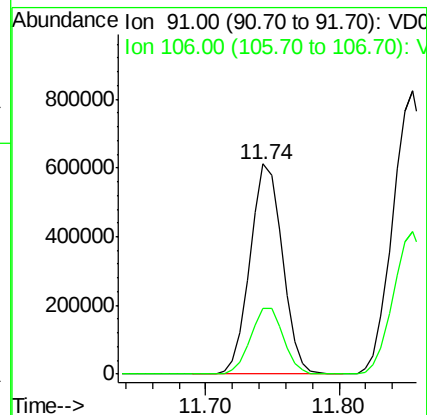
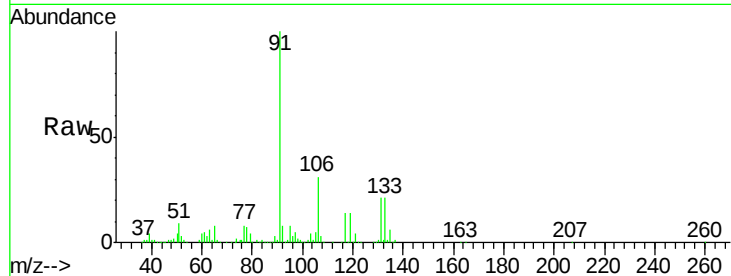
106 31.5 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.196 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067163.D

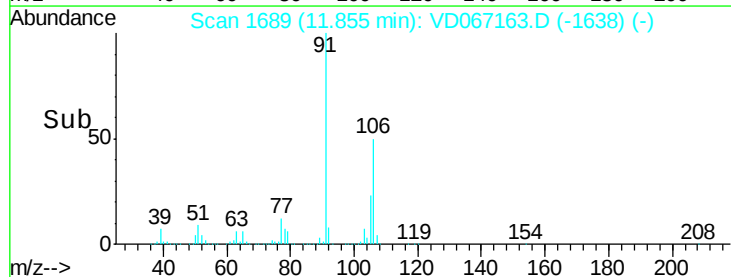
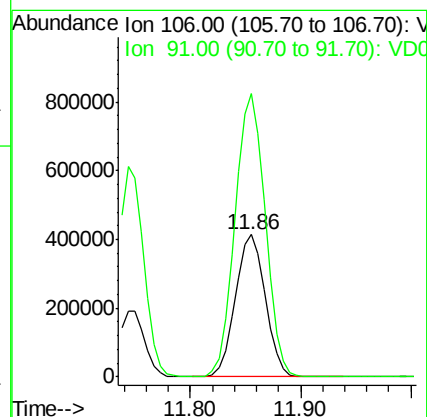
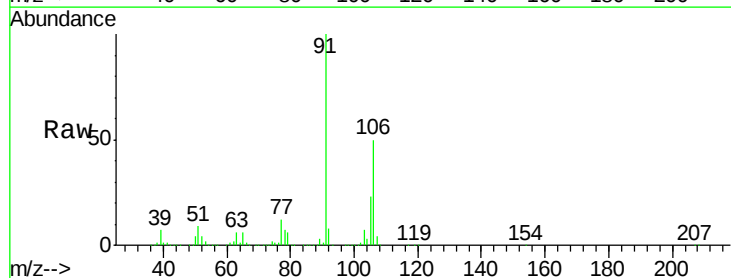
Acq: 07 Oct 2020 20:08

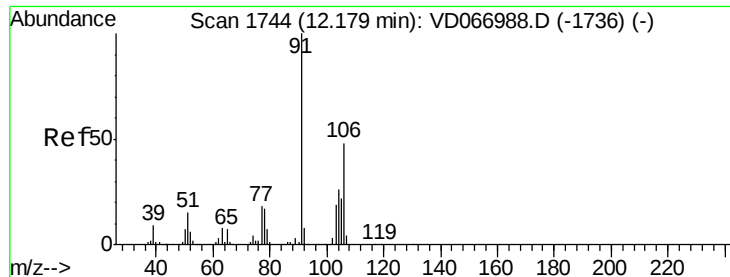
Tgt Ion: 106 Resp: 788691

Ion Ratio Lower Upper

106 100

91 200.8 158.4 237.6





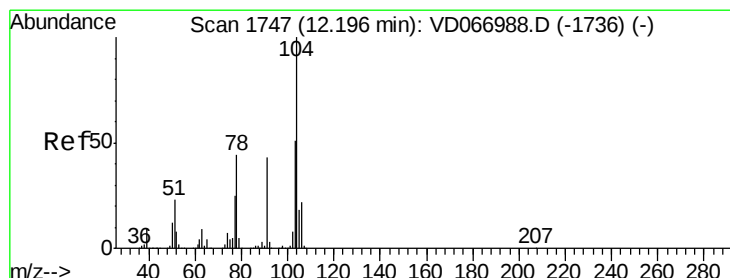
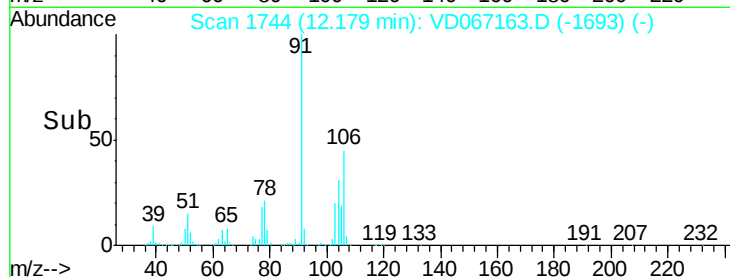
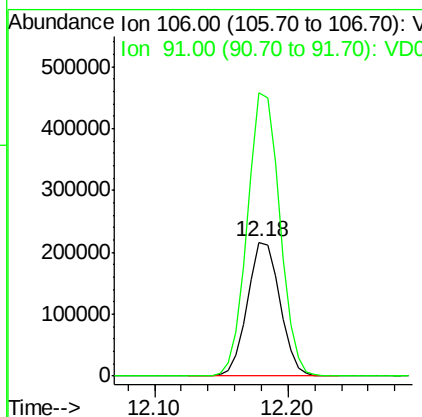
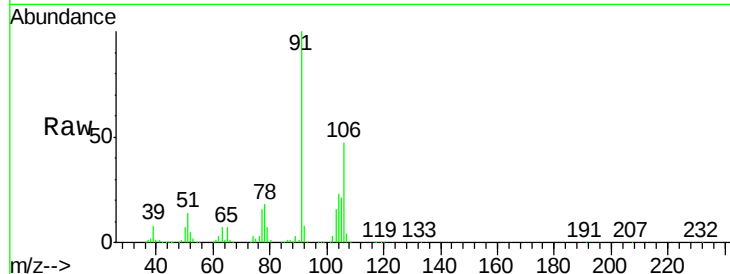
#69
o-Xylene
Concen: 52.164 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.2	102.4	307.2

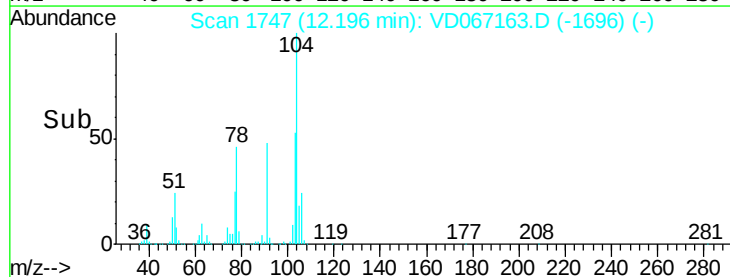
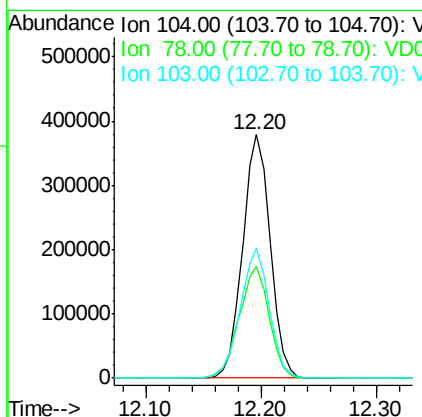
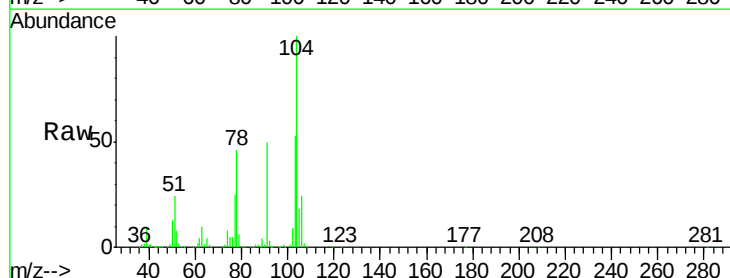
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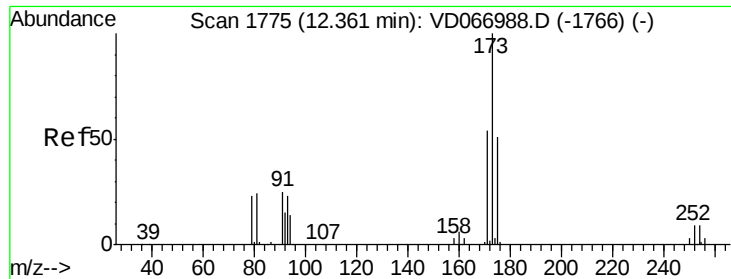
MMDadoda
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#70
Styrene
Concen: 52.533 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.7	38.6	58.0
103	55.6	43.4	65.0





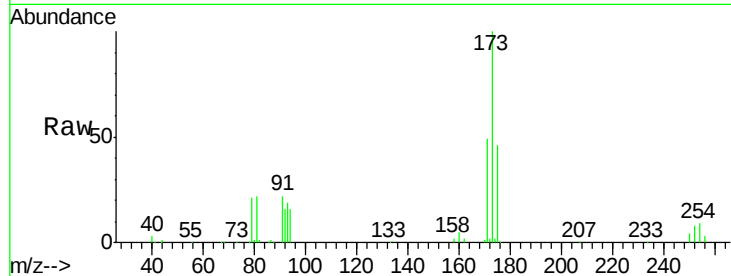
#71
Bromoform
Concen: 53.635 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

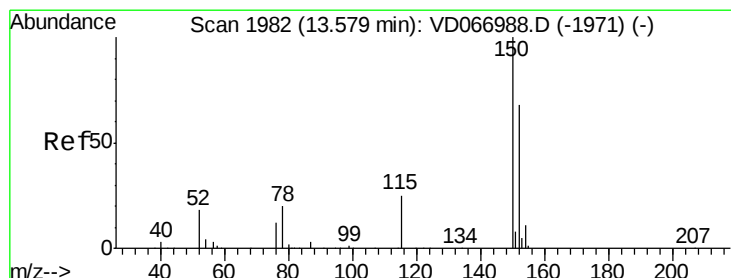
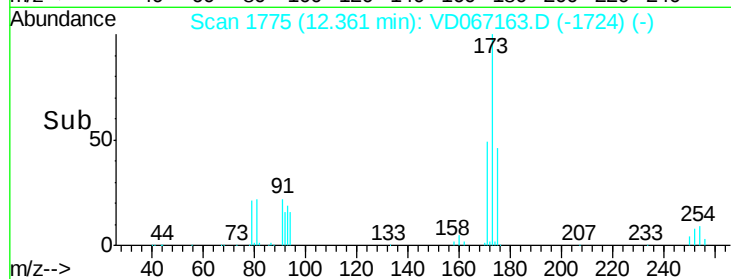
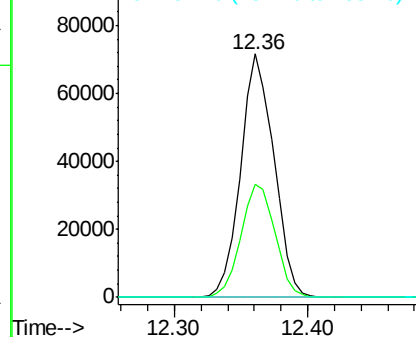
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.9	74.7
254	0.0	0.2	0.4

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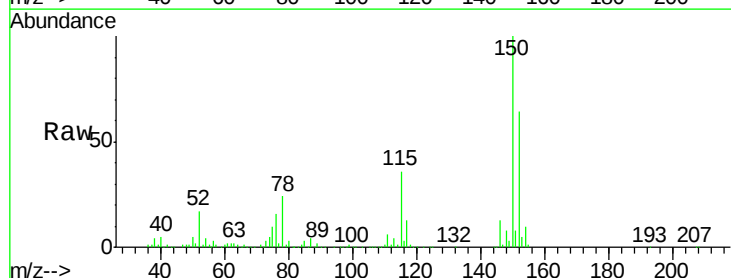


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

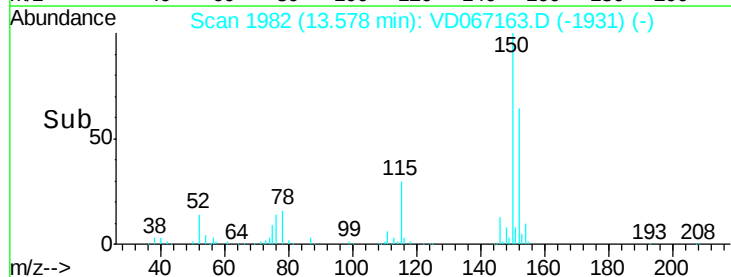
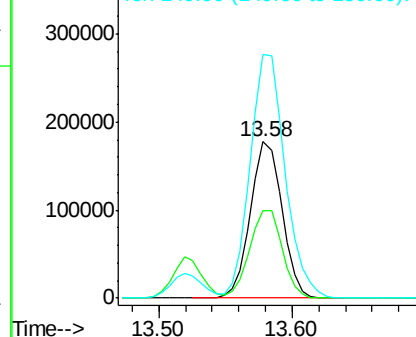


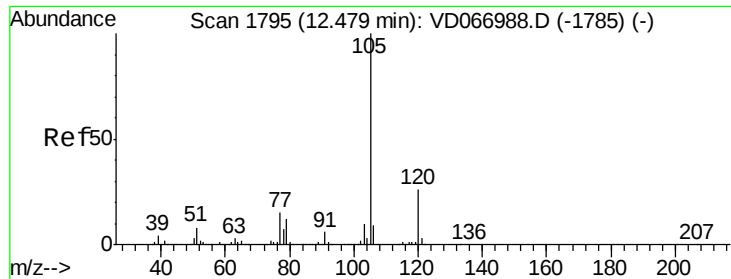
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.6	88.8
150	171.2	0.0	344.8



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





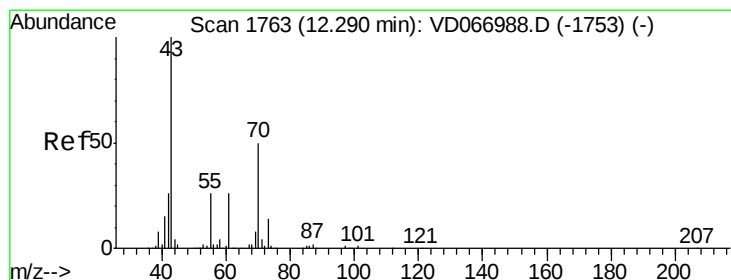
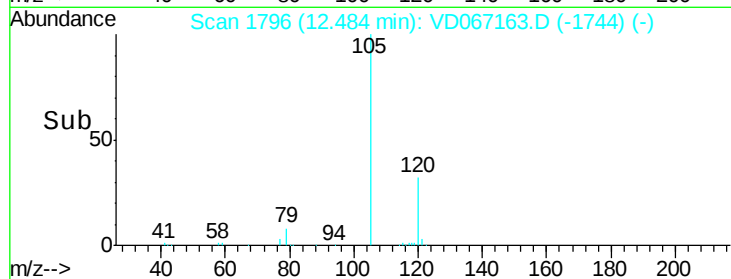
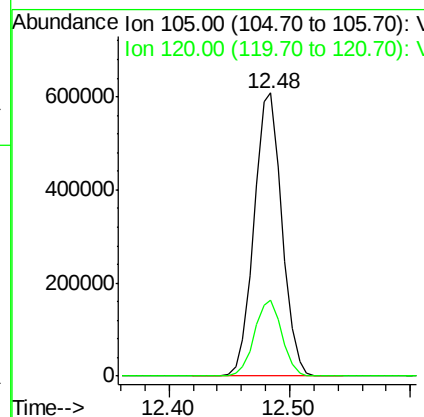
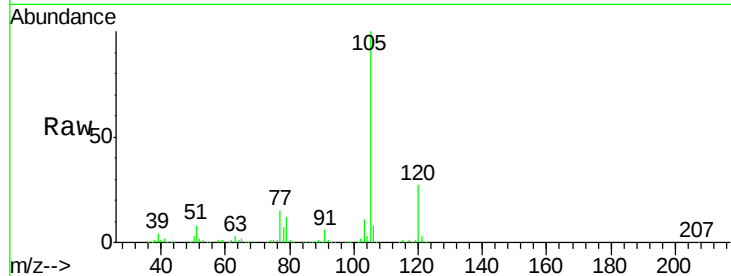
#73
Isopropylbenzene
Concen: 49.407 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9

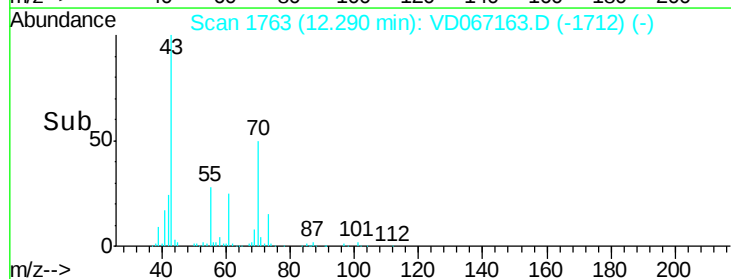
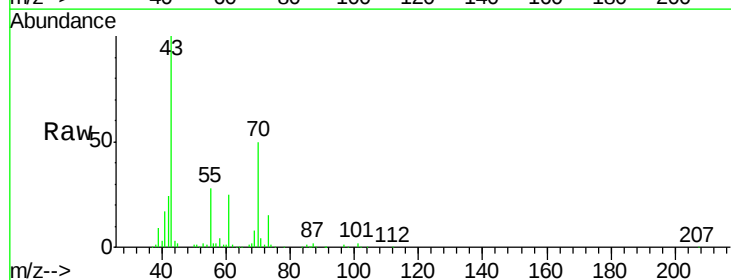
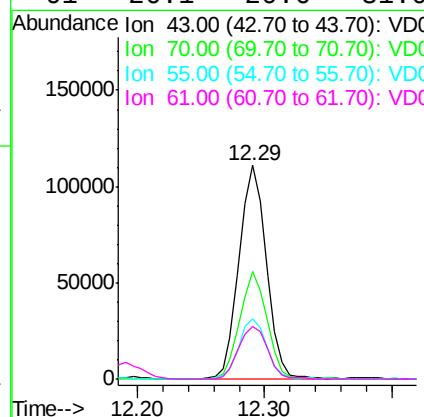
Manual Integrations
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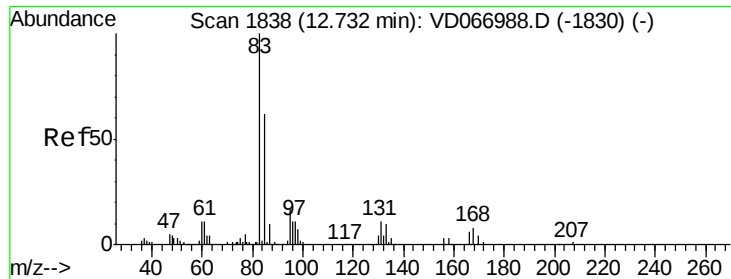
MMDadoda
10/8/2020 5:39:34 PM



#74
N-ethyl acetate
Concen: 46.900 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.8	38.2	57.2
55	28.5	22.4	33.6
61	26.1	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.023 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Instrument :

MSVOA_D

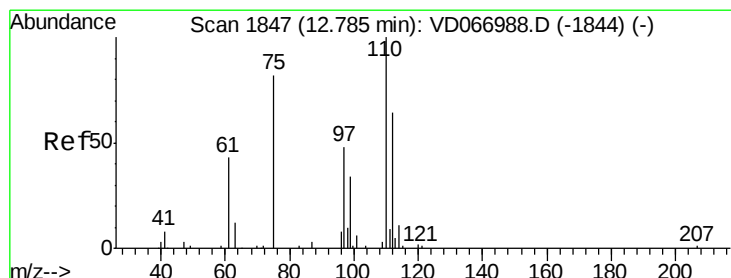
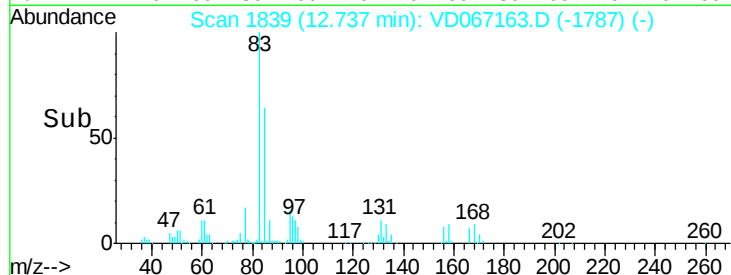
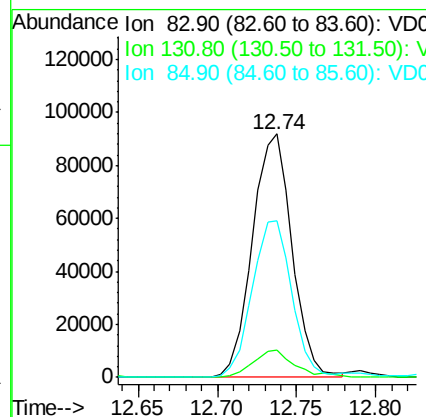
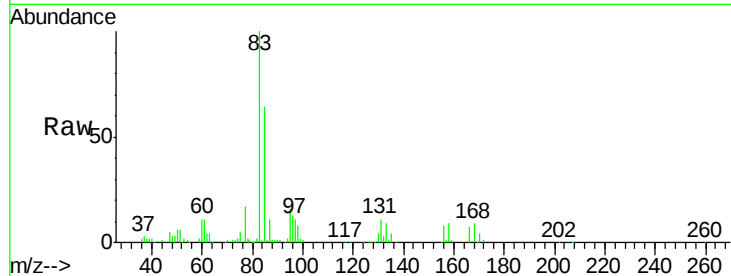
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	159818
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.7	17.0
85	64.4	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.566 ug/l m

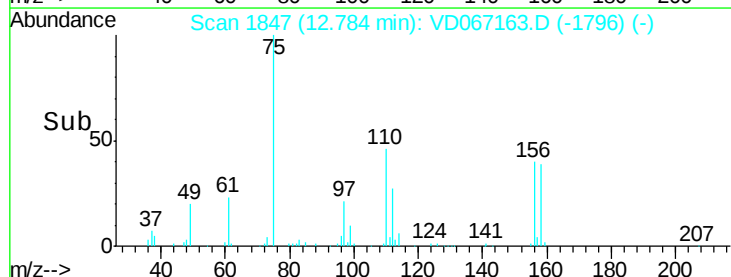
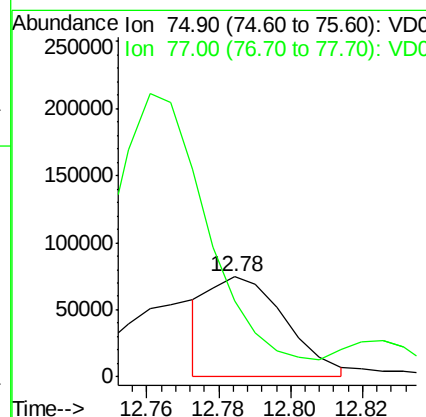
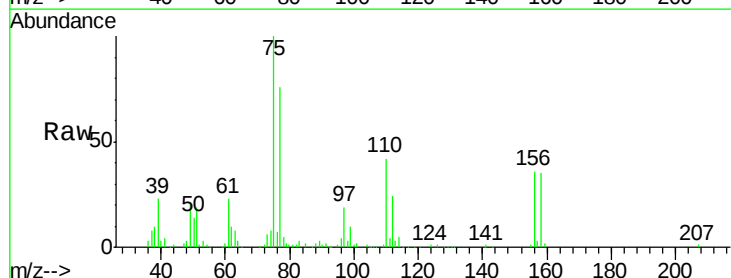
RT: 12.78 min Scan# 1847

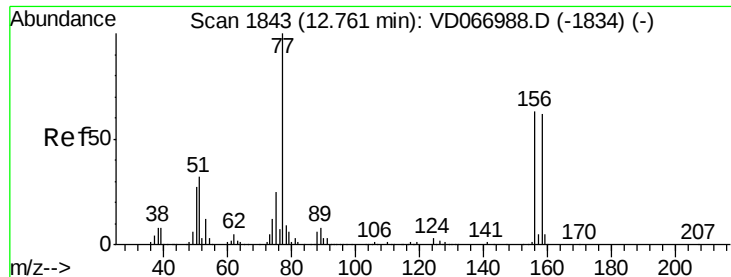
Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion:	75	Resp:	110388
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





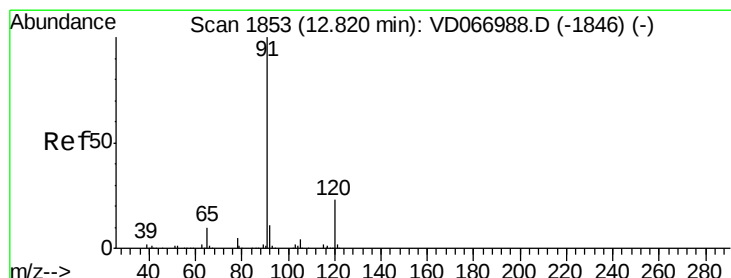
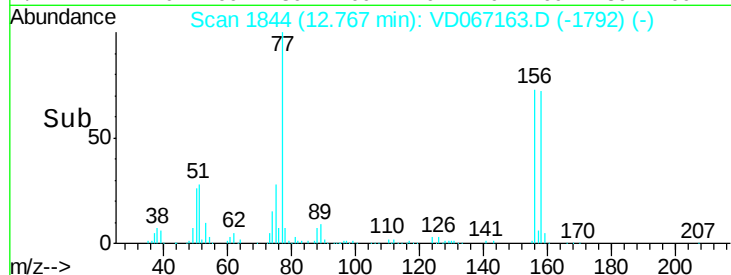
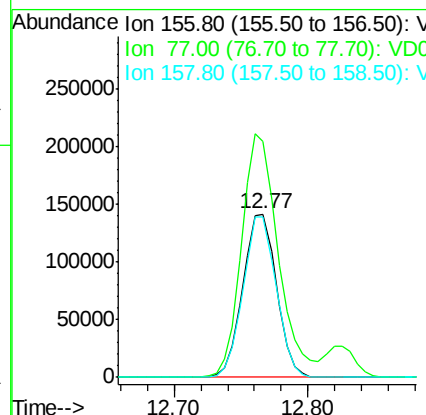
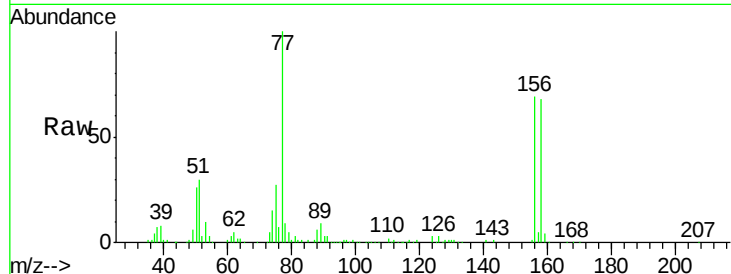
#77
Bromobenzene
Concen: 51.618 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.3	86.3	258.8
158	97.1	49.5	148.3

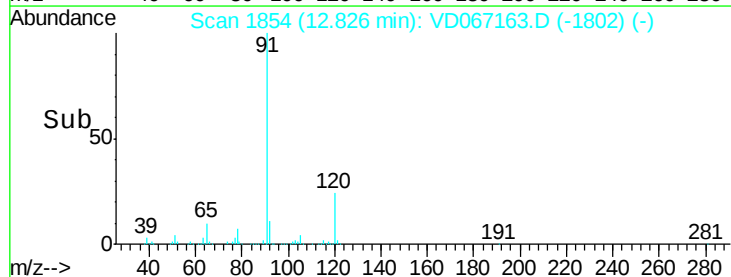
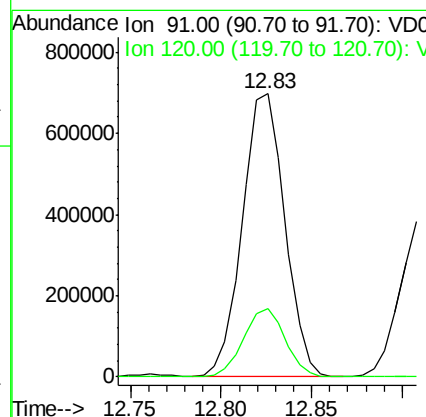
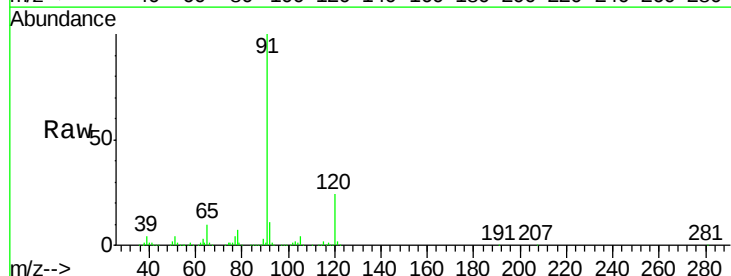
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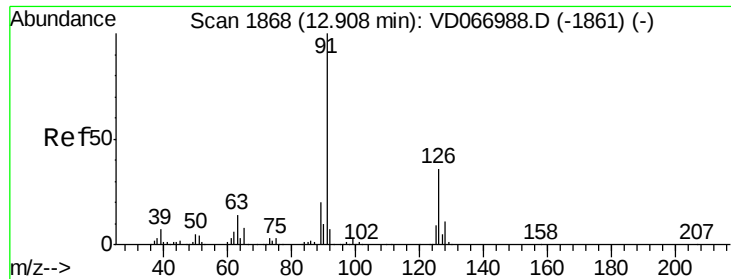
MMDadoda
10/8/2020 5:39:34 PM



#78
n-propylbenzene
Concen: 48.607 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.6	34.8





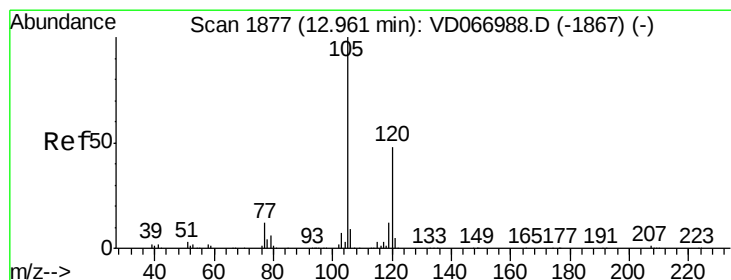
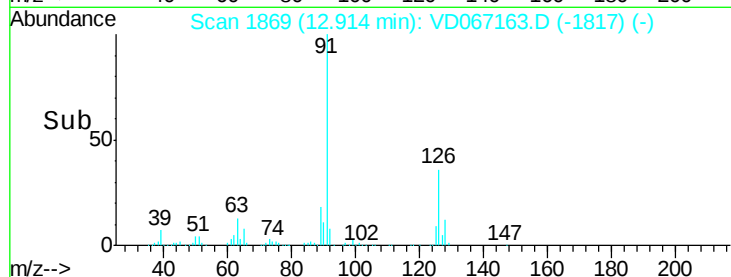
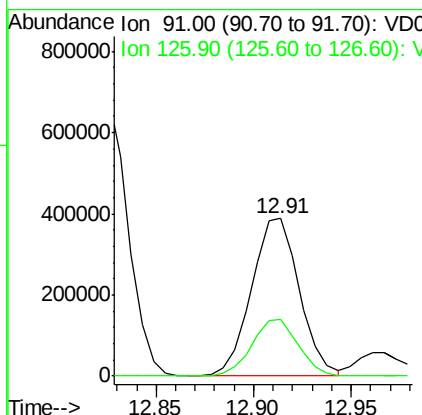
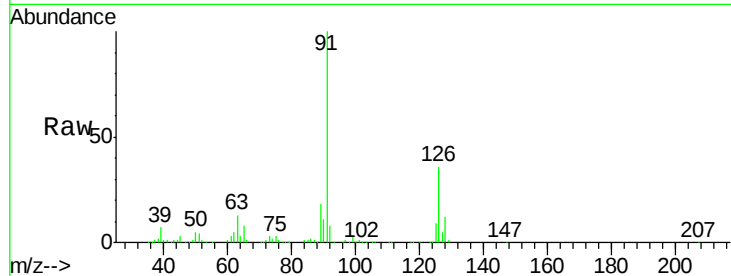
#79
 2-Chlorotoluene
 Concen: 49.408 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 659892
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6

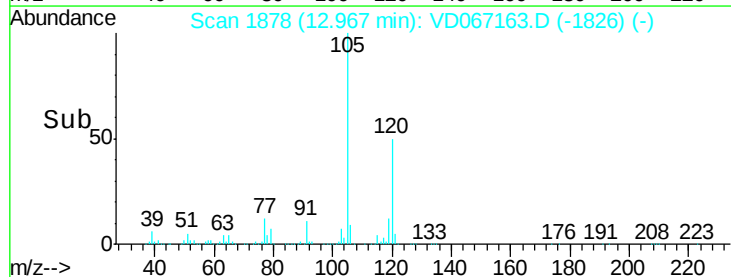
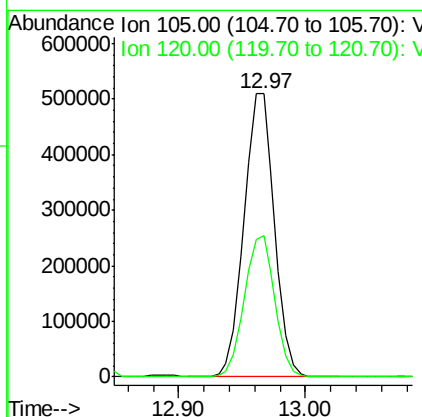
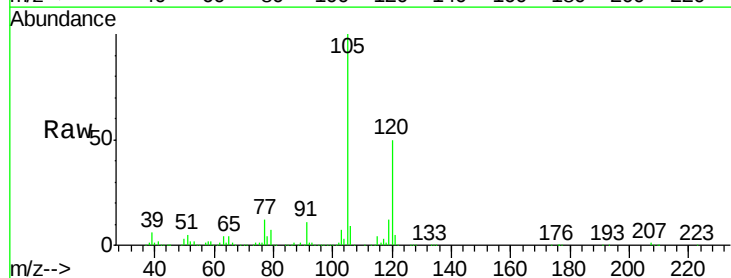
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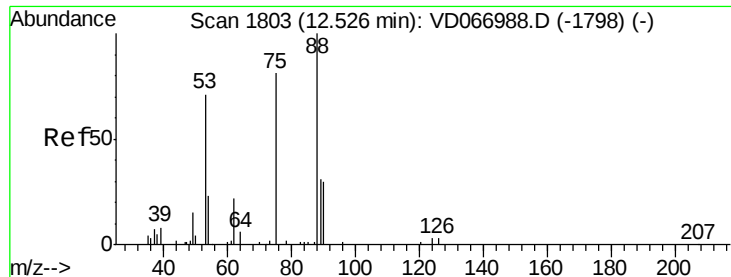
MMDadoda
 10/8/2020 5:39:34 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.944 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion: 105 Resp: 850162
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





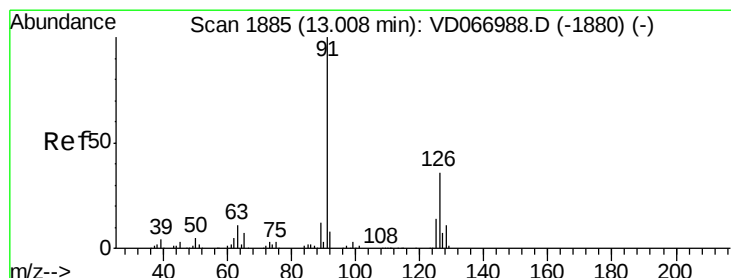
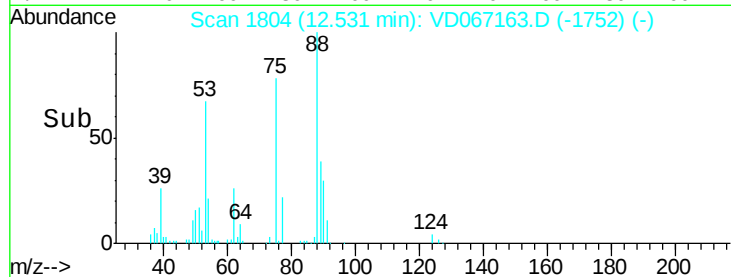
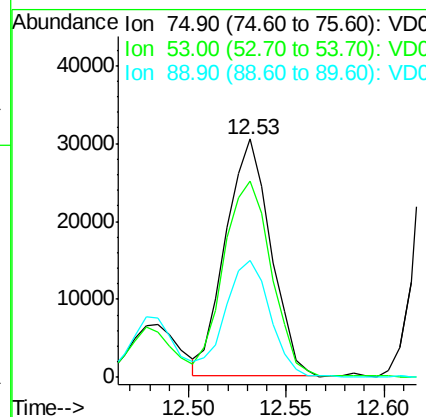
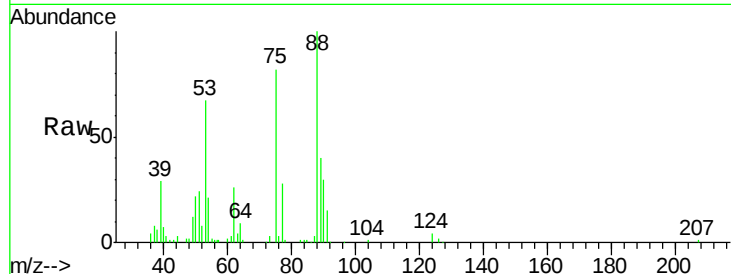
#81
trans-1,4-Dichloro-2-butene
Concen: 48.145 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	73.8	110.6
89	49.5	38.9	58.3

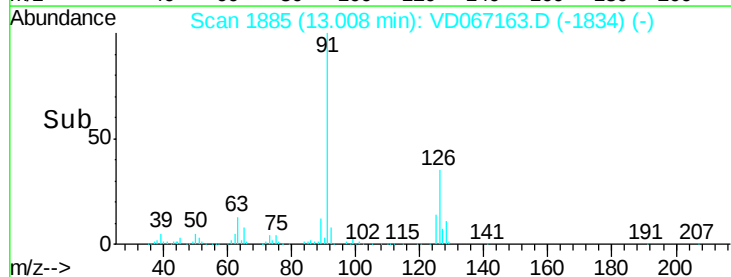
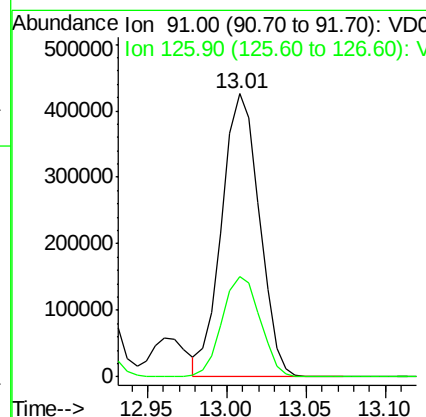
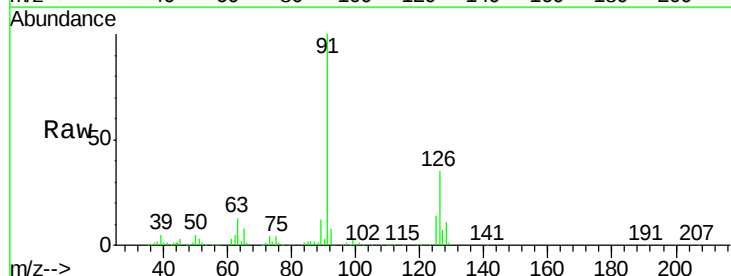
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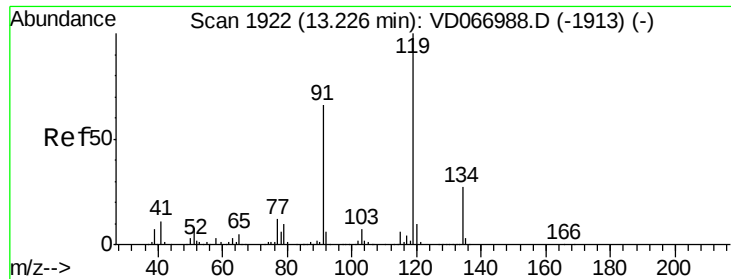
MMDadoda
10/8/2020 5:39:34 PM



#82
4-Chlorotoluene
Concen: 49.428 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.5	52.5





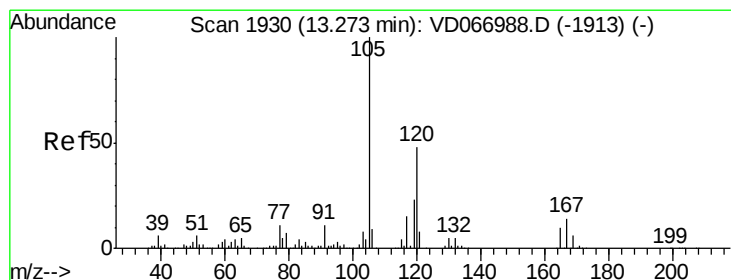
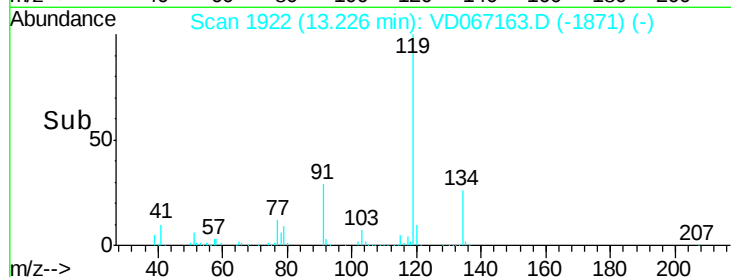
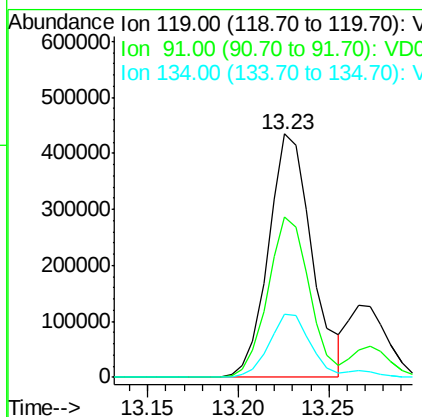
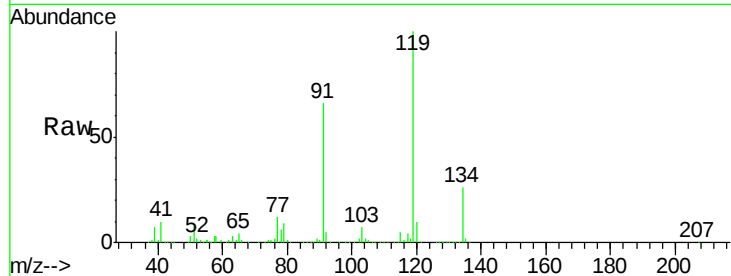
#83
tert-Butylbenzene
Concen: 51.532 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	724183		
91	63.4		32.8	98.3
134	25.1		13.9	41.7

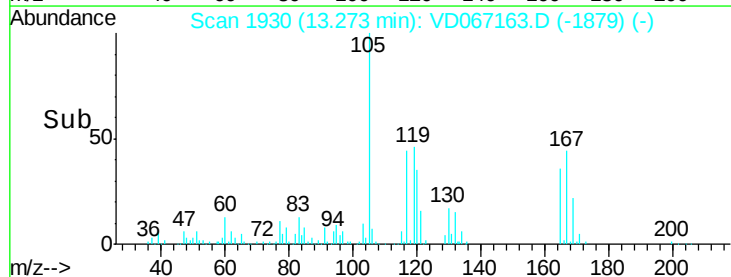
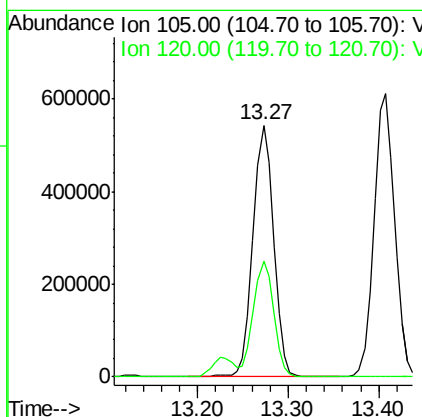
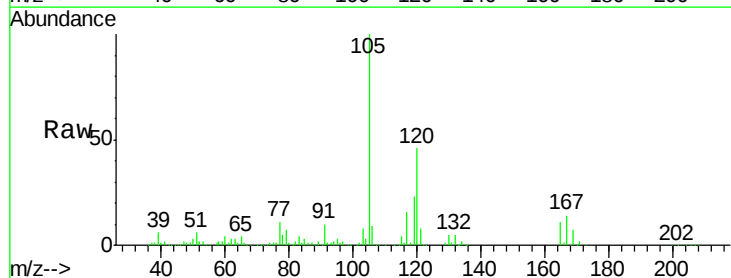
Manual Integrations
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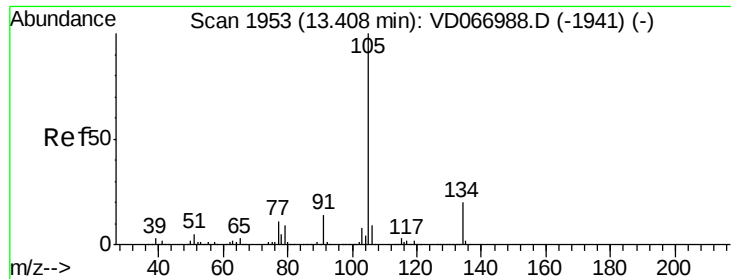
MMDadoda
10/8/2020 5:39:34 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.707 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	861144		
120	45.6		23.3	69.8





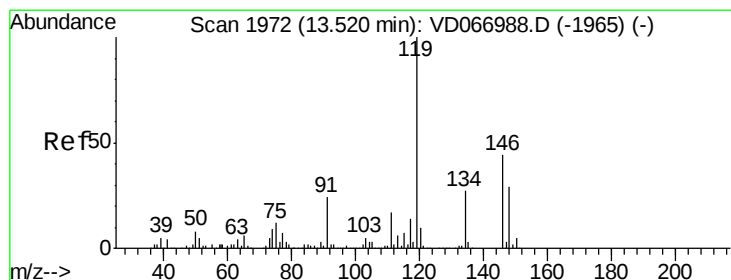
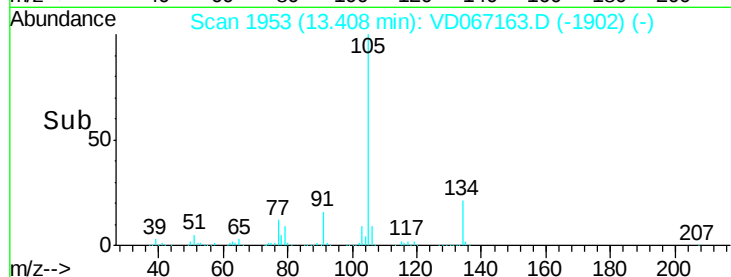
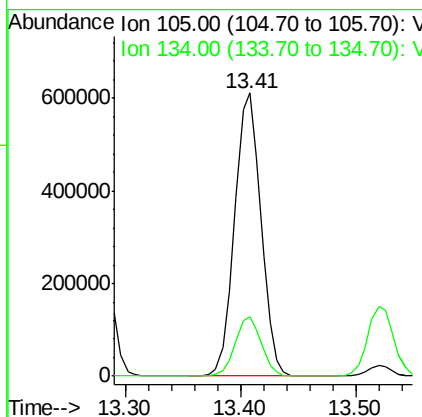
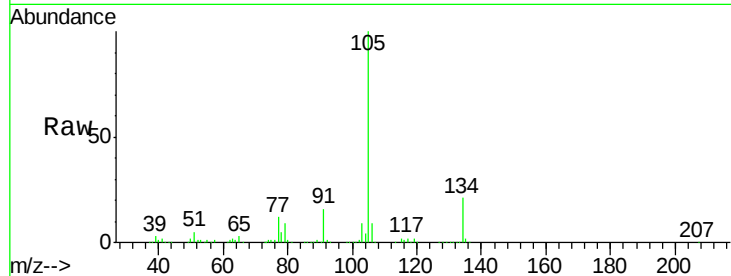
#85
 sec-Butylbenzene
 Concen: 48.695 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.8

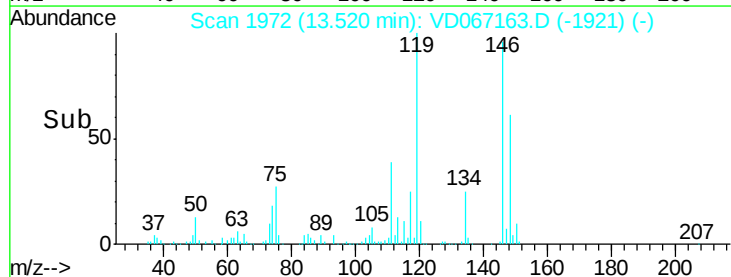
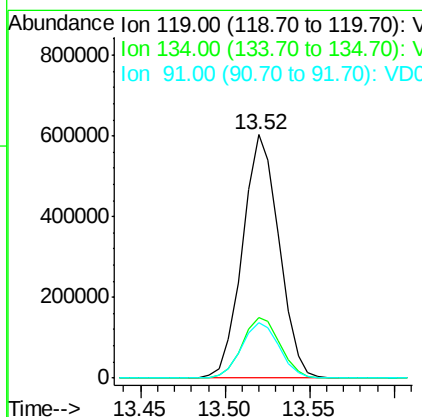
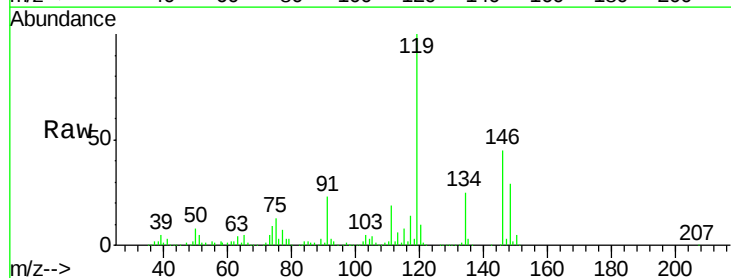
Manual Integrations
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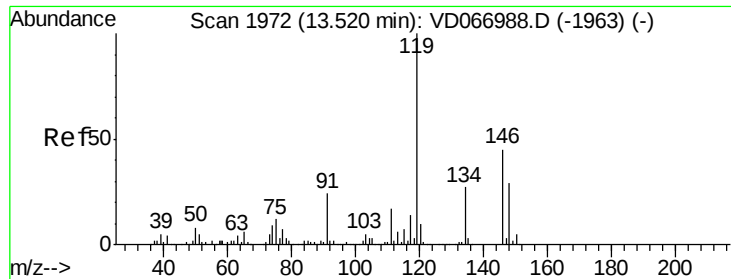
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#86
 p-Isopropyltoluene
 Concen: 49.364 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.4	11.7	35.1





#87

1,3-Dichlorobenzene

Concen: 49.034 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

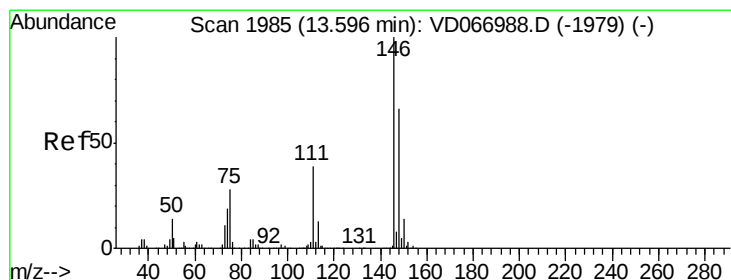
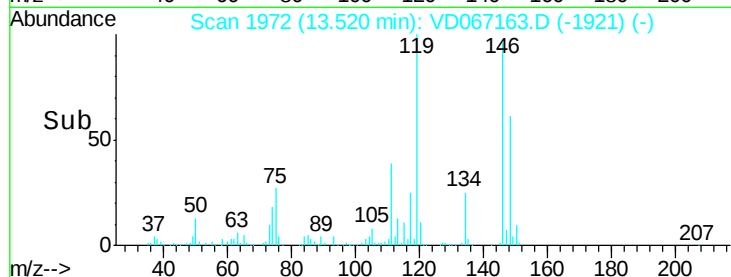
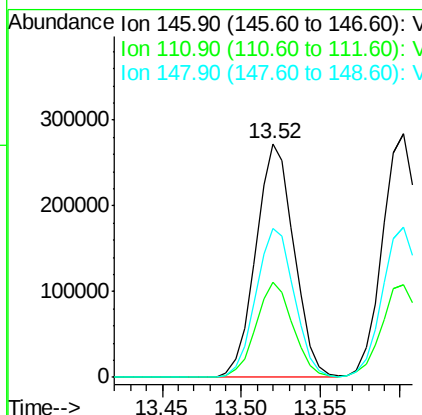
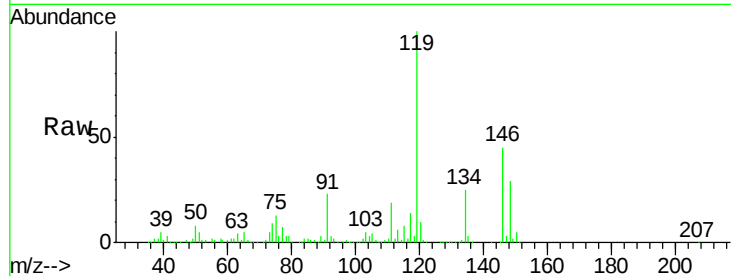
Instrument :
MSVOA_D

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.9	31.9	95.9

Manual Integrations
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10/8/2020 5:39:34 PM



#88

1,4-Dichlorobenzene

Concen: 49.518 ug/l

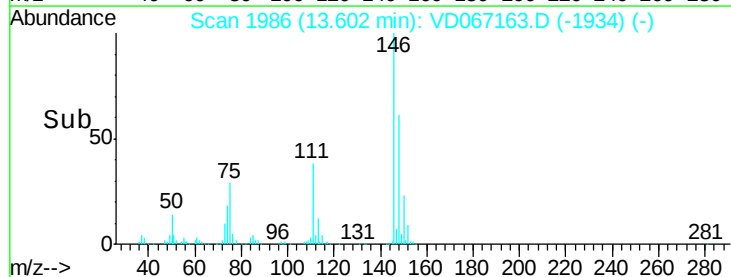
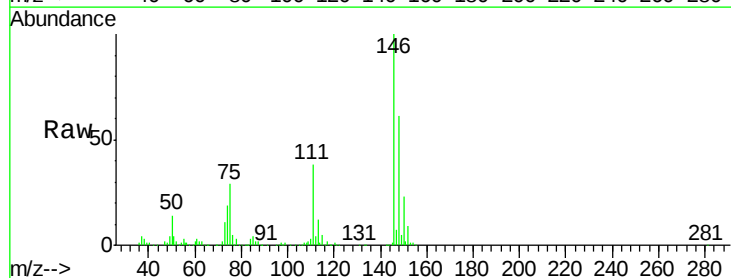
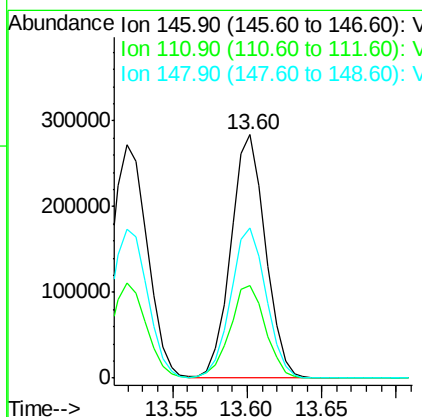
RT: 13.60 min Scan# 1986

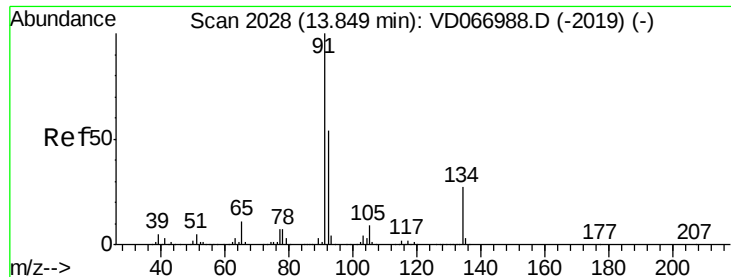
Delta R.T. 0.01 min

Lab File: VD067163.D

Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.0	32.6	97.7





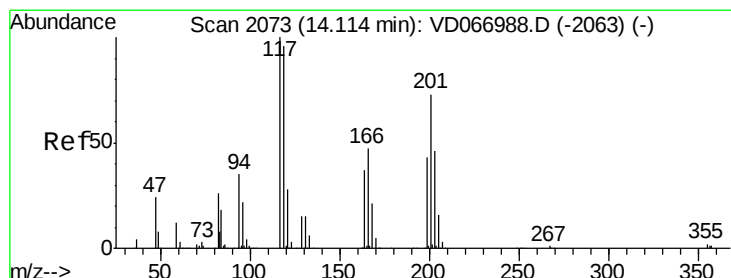
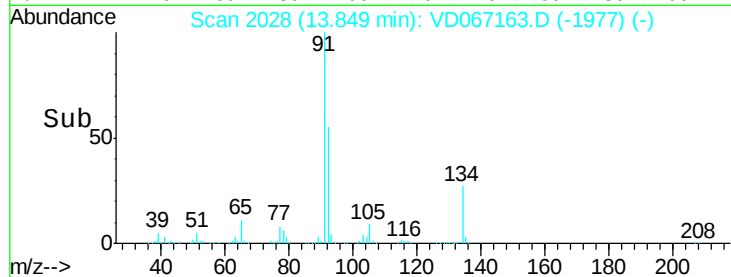
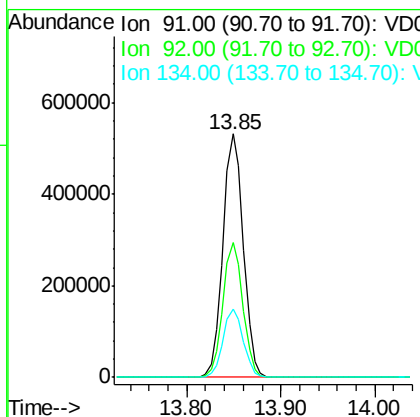
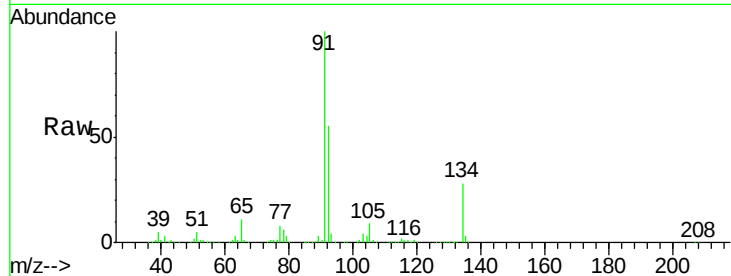
#89
n-Butylbenzene
Concen: 47.909 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	27.8	13.6	40.8

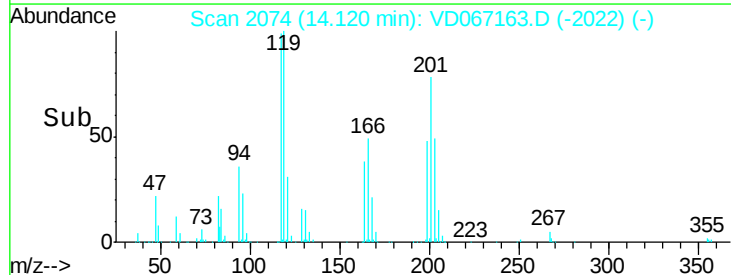
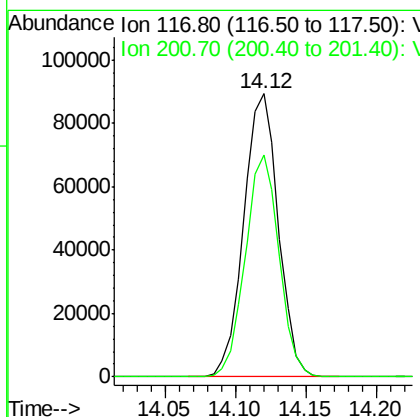
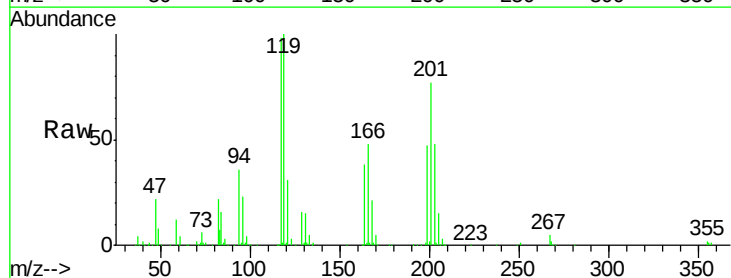
Manual Integrations
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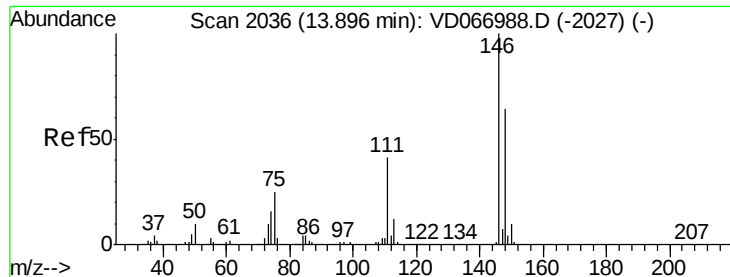
MMDadoda
10/8/2020 5:39:34 PM



#90
Hexachloroethane
Concen: 47.705 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	37.0	110.9





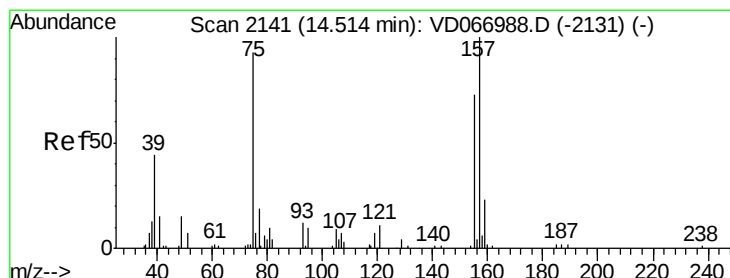
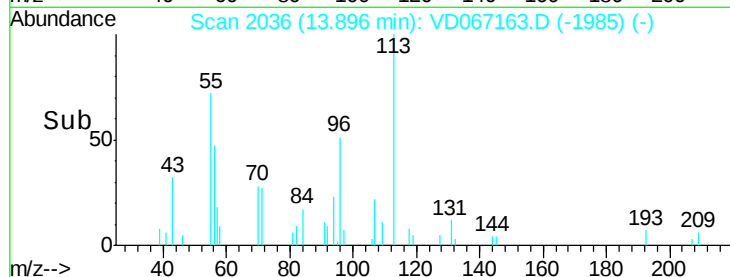
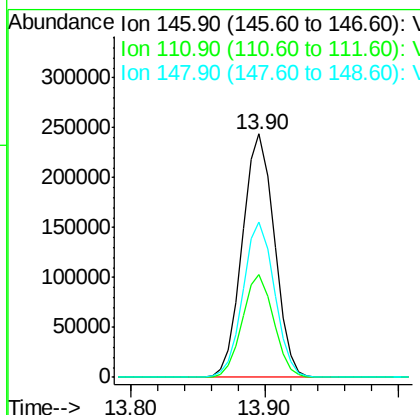
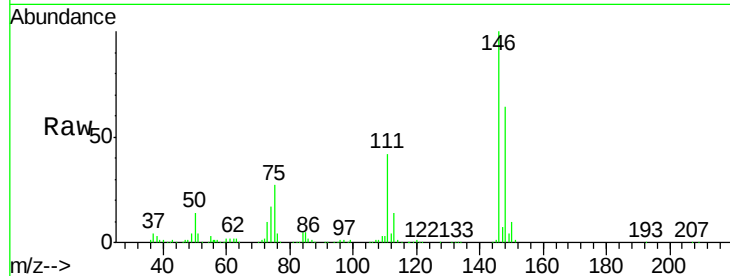
#91
 1,2-Dichlorobenzene
 Concen: 49.799 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	63.1	32.3	96.9

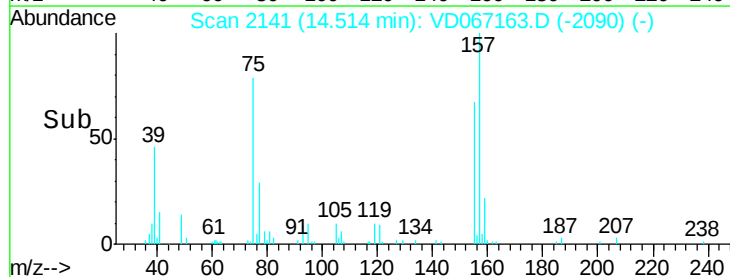
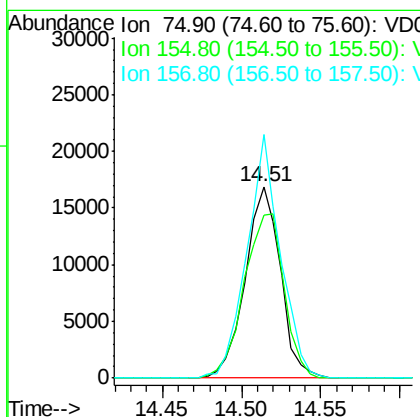
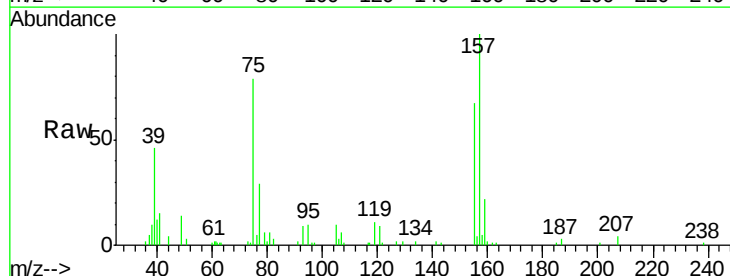
Manual Integrations
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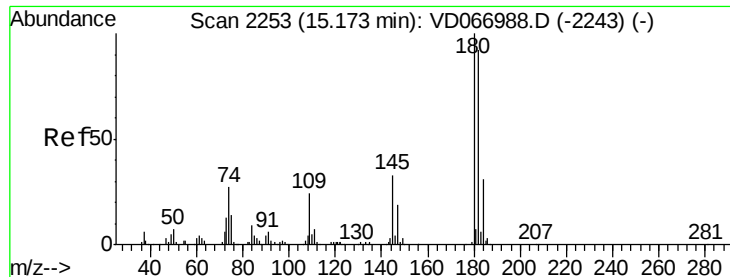
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.449 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	45.2	135.6
157	120.7	56.3	168.8





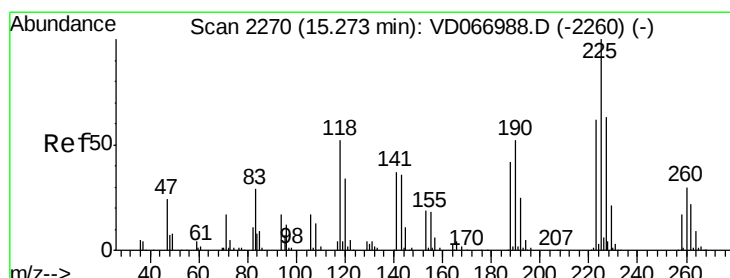
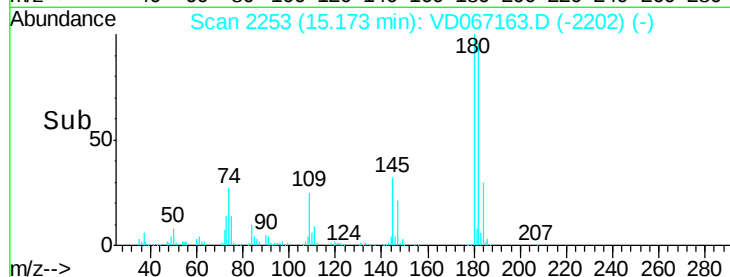
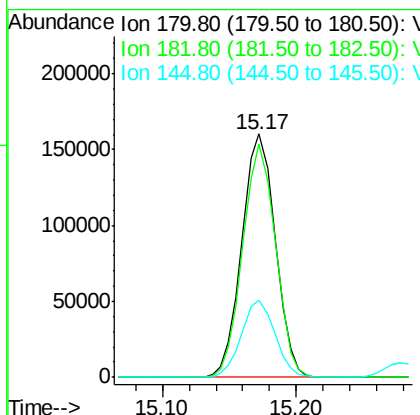
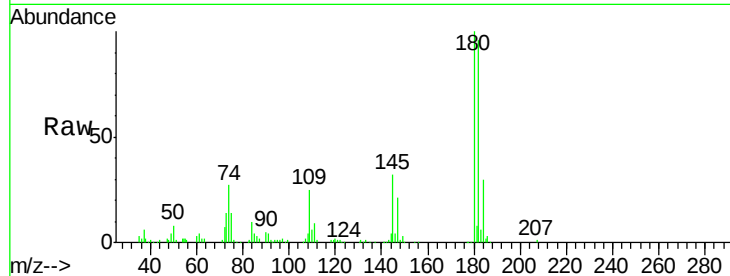
#93
 1,2,4-Trichlorobenzene
 Concen: 53.056 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	278437		
182	93.8	47.3	142.0	
145	31.7	16.4	49.1	

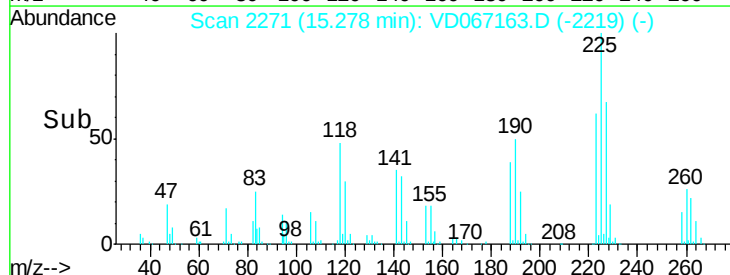
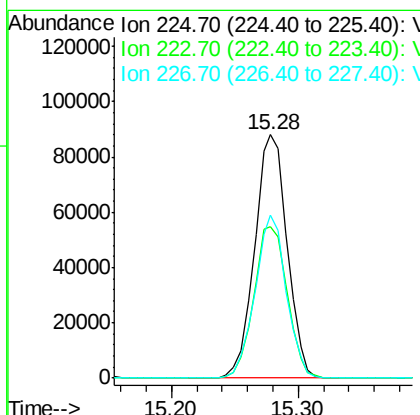
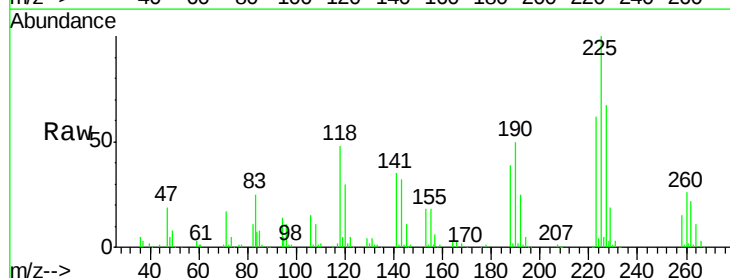
Manual Integrations
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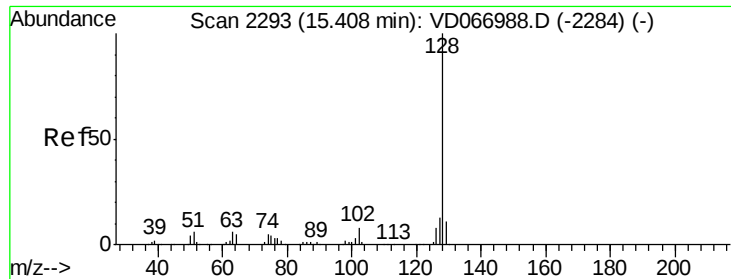
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#94
 Hexachlorobutadiene
 Concen: 48.719 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067163.D
 Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157018		
223	64.0	32.4	97.0	
227	64.4	31.6	95.0	





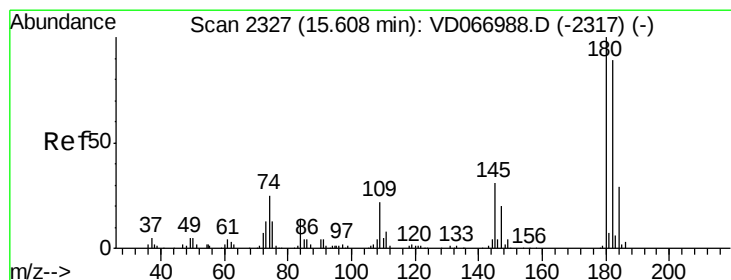
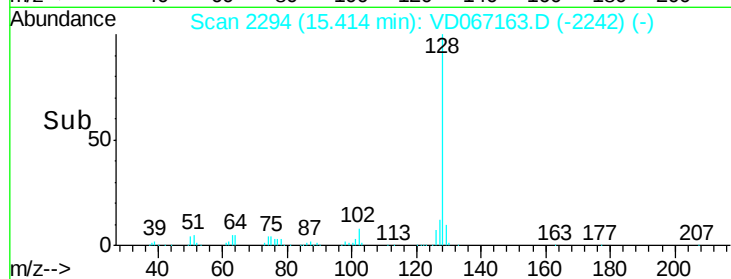
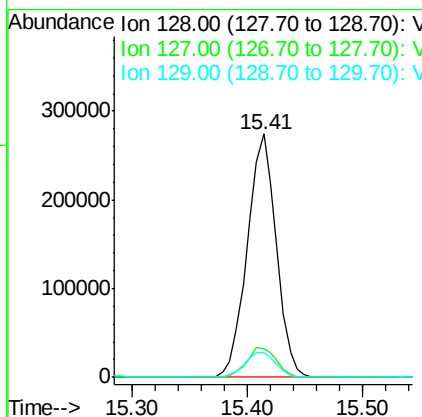
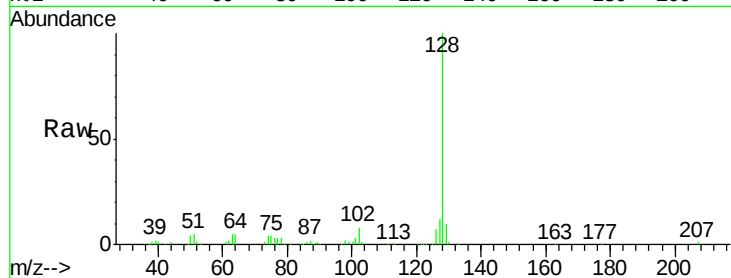
#95
Naphthalene
Concen: 54.771 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.345 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD067163.D
Acq: 07 Oct 2020 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.4	139.1
145	33.5	16.6	49.7

