

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067544.D
 Acq On : 06 Nov 2020 09:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:13:17 AM

Quant Time: Nov 06 23:35:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	334208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	467576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	424631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	132325	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	7.91	113	136169	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.34	98	477141	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.64	95	171305	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	135891	50.254	ug/l	98
3) Chloromethane	2.21	50	90137	43.310	ug/l	94
4) Vinyl Chloride	2.35	62	104336	44.966	ug/l	98
5) Bromomethane	2.77	94	83730	44.521	ug/l	100
6) Chloroethane	2.93	64	64319	44.962	ug/l	100
7) Trichlorofluoromethane	3.27	101	288012	47.939	ug/l	95
8) Diethyl Ether	3.70	74	56870	46.978	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	148862	49.087	ug/l	97
10) Methyl Iodide	4.30	142	156015	48.000	ug/l	98
11) Tert butyl alcohol	5.21	59	36317	291.759	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	134460	48.203	ug/l	95
13) Acrolein	3.93	56	32606	251.226	ug/l	99
14) Allyl chloride	4.71	41	138684	46.454	ug/l	100
15) Acrylonitrile	5.41	53	105689	236.178	ug/l	97
16) Acetone	4.16	43	121167	277.078	ug/l	89
17) Carbon Disulfide	4.41	76	395110	46.224	ug/l	100
18) Methyl Acetate	4.71	43	41567	45.998	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	273791	49.760	ug/l	99
20) Methylene Chloride	4.96	84	143339	46.402	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	153512	47.249	ug/l	97
22) Diisopropyl ether	6.36	45	283849	48.790	ug/l	97
23) Vinyl Acetate	6.30	43	781835	256.733	ug/l	99
24) 1,1-Dichloroethane	6.27	63	228258	47.959	ug/l	97
25) 2-Butanone	7.21	43	117093	250.590	ug/l	100
26) 2,2-Dichloropropane	7.21	77	246793	49.131	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	163918	48.607	ug/l	98
28) Bromochloromethane	7.55	49	81875	48.362	ug/l	96
29) Tetrahydrofuran	7.56	42	73004	260.825	ug/l	98
30) Chloroform	7.71	83	279902	49.295	ug/l	99
31) Cyclohexane	7.98	56	192618	45.446	ug/l #	96
32) 1,1,1-Trichloroethane	7.90	97	285503	48.733	ug/l	99
36) 1,1-Dichloropropene	8.11	75	204952	51.208	ug/l	99
37) Ethyl Acetate	7.29	43	54010	51.978	ug/l	98
38) Carbon Tetrachloride	8.10	117	273783	52.649	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	239111	50.759	ug/l	94
40) Benzene	8.36	78	560872	51.734	ug/l	99
41) Methacrylonitrile	7.53	41	32383m	52.137	ug/l	
42) 1,2-Dichloroethane	8.43	62	169303	50.543	ug/l	99
43) Isopropyl Acetate	8.46	43	106374	51.764	ug/l	99
44) Trichloroethene	9.11	130	181333	50.868	ug/l	92
45) 1,2-Dichloropropane	9.39	63	121341	51.767	ug/l	97
46) Dibromomethane	9.48	93	75781	50.847	ug/l	96
47) Bromodichloromethane	9.66	83	210988	52.085	ug/l	98
48) Methyl methacrylate	9.46	41	52074	49.078	ug/l	93
49) 1,4-Dioxane	9.46	88	15300	1011.241	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	268082	272.771	ug/l	100
52) Toluene	10.41	92	388700	53.528	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	186869	53.862	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	211115	51.216	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	102908	52.186	ug/l	96
56) Ethyl methacrylate	10.66	69	111794	54.899	ug/l	98
57) 1,3-Dichloropropane	10.95	76	164509	51.843	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	248589	261.776	ug/l	99
59) 2-Hexanone	10.98	43	202166	294.196	ug/l	98
60) Dibromochloromethane	11.14	129	154890	53.098	ug/l	100
61) 1,2-Dibromoethane	11.25	107	100274	50.666	ug/l	97
64) Tetrachloroethene	10.88	164	161545	51.369	ug/l	98
65) Chlorobenzene	11.67	112	420755	51.440	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	166595	51.676	ug/l	100
67) Ethyl Benzene	11.75	91	737371	52.681	ug/l	98
68) m/p-Xylenes	11.86	106	572043	105.051	ug/l	99
69) o-Xylene	12.18	106	253298	52.100	ug/l	99
70) Styrene	12.20	104	446552	52.711	ug/l	99
71) Bromoform	12.37	173	87812	53.408	ug/l #	100
73) Isopropylbenzene	12.48	105	720245	51.790	ug/l	99
74) N-amyl acetate	12.29	43	96787	52.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	98192	51.779	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	58367m	44.963	ug/l	
77) Bromobenzene	12.77	156	175802	51.474	ug/l	98
78) n-propylbenzene	12.83	91	817991	51.423	ug/l	99
79) 2-Chlorotoluene	12.91	91	470010	52.015	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	623824	52.511	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	33242	51.991	ug/l	95
82) 4-Chlorotoluene	13.01	91	500292	51.624	ug/l	99
83) tert-Butylbenzene	13.23	119	532529	52.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	613385	51.870	ug/l	100
85) sec-Butylbenzene	13.41	105	695347	51.159	ug/l	100
86) p-Isopropyltoluene	13.52	119	669865	51.037	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	327025	50.180	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	327564	49.639	ug/l	100
89) n-Butylbenzene	13.85	91	573469	50.584	ug/l	99
90) Hexachloroethane	14.11	117	123334	49.899	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	281526	49.914	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17840	53.133	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	191942	50.140	ug/l	99
94) Hexachlorobutadiene	15.27	225	125963	49.165	ug/l	97
95) Naphthalene	15.40	128	315408	53.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	163678	49.930	ug/l	97

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

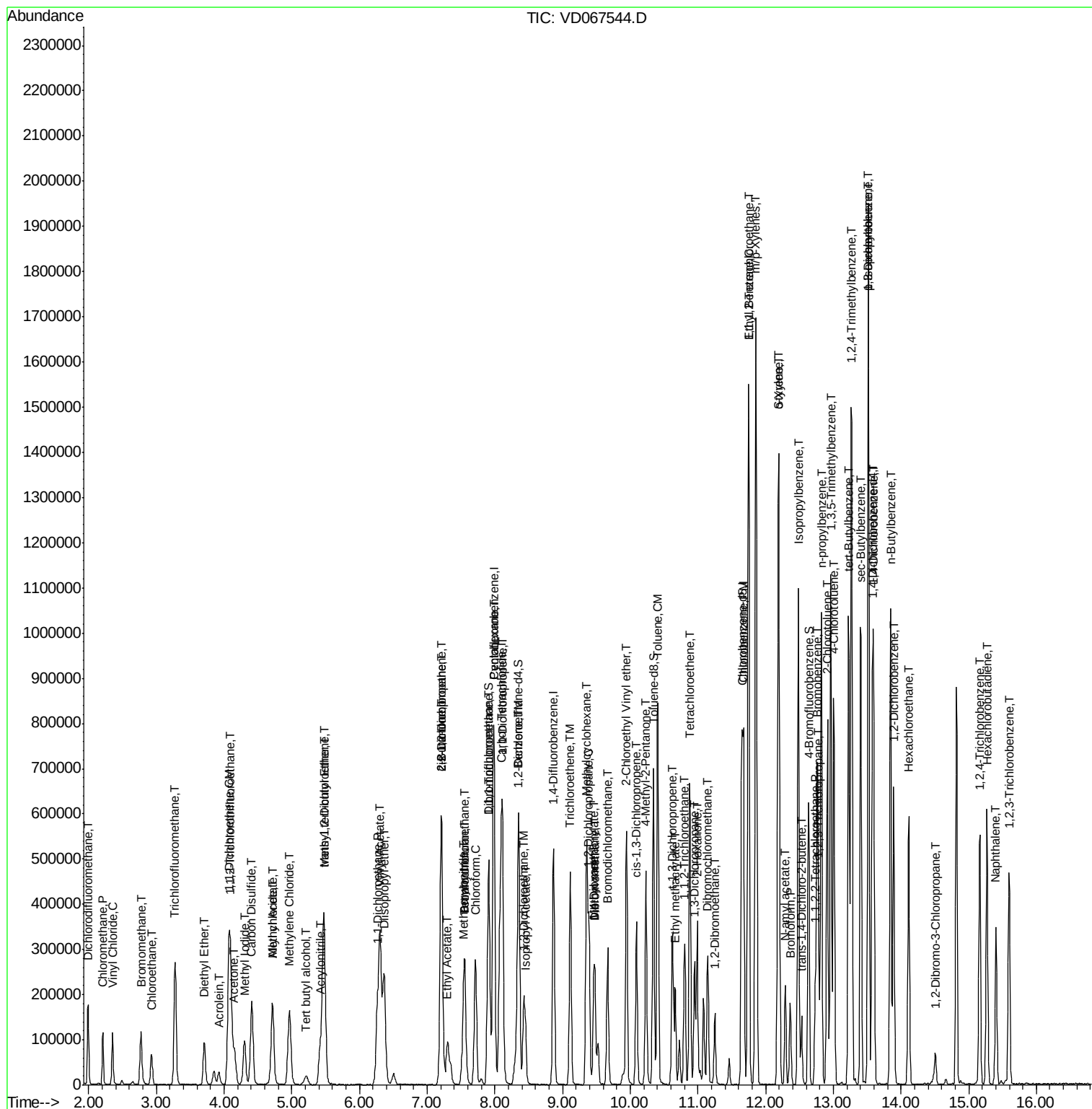
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110620\
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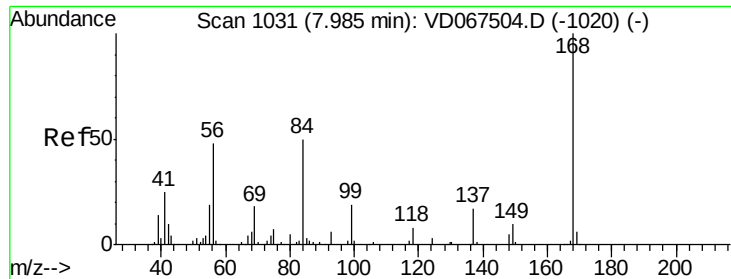
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 334208

Ion Ratio Lower Upper

168 100

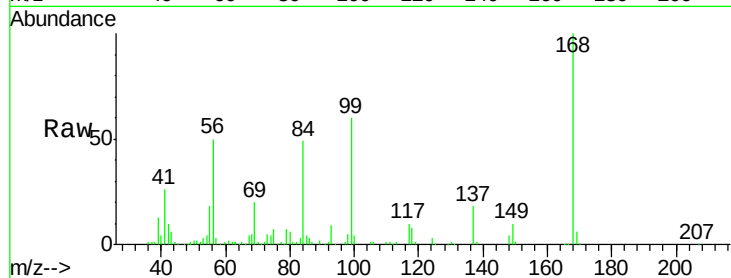
99 59.8 45.0 67.6

Manual Integrations

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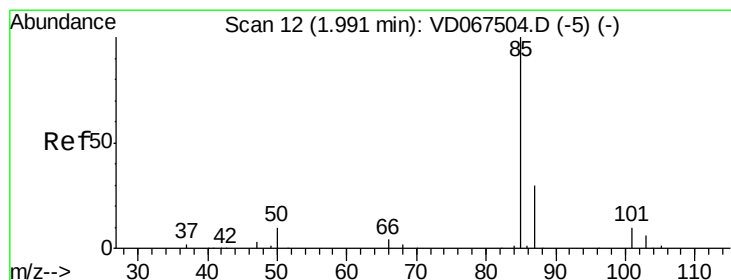
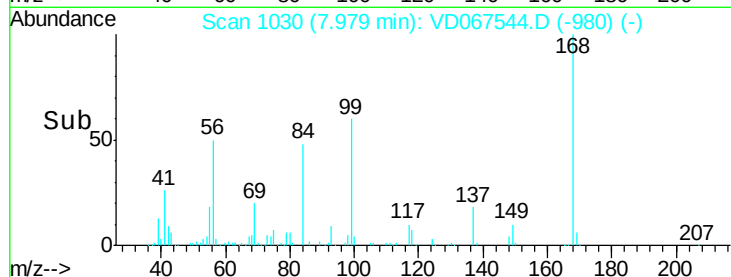
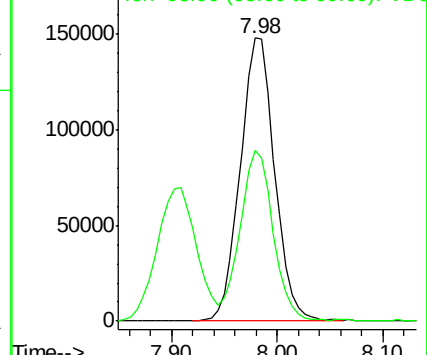
MMDadoda

11/9/2020 10:13:17 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.254 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067544.D

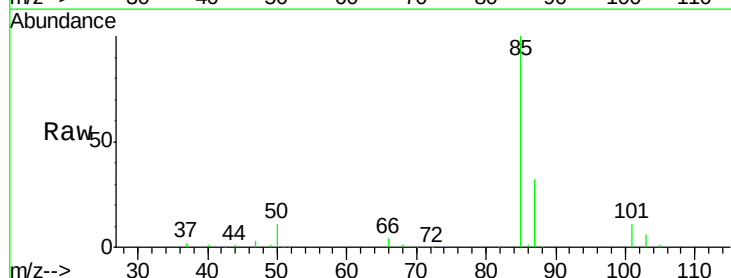
Acq: 06 Nov 2020 09:41

Tgt Ion: 85 Resp: 135891

Ion Ratio Lower Upper

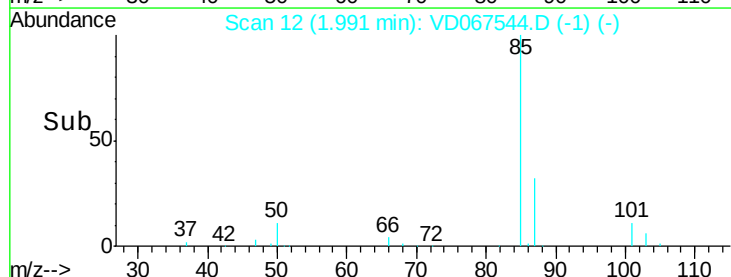
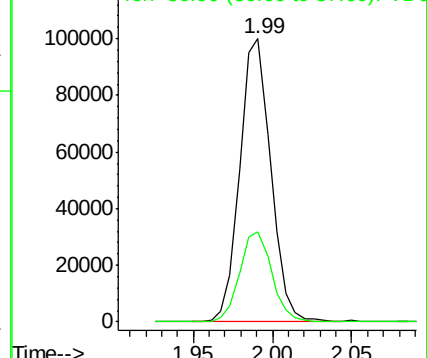
85 100

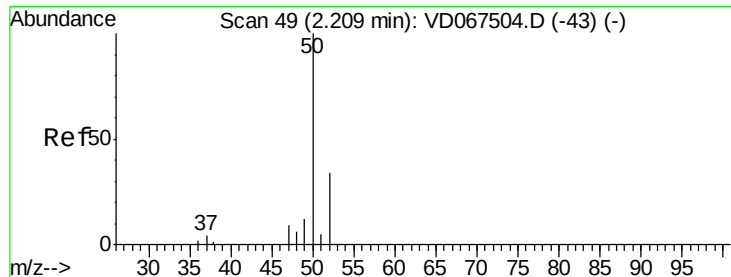
87 31.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.310 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90137

Ion Ratio Lower Upper

50 100

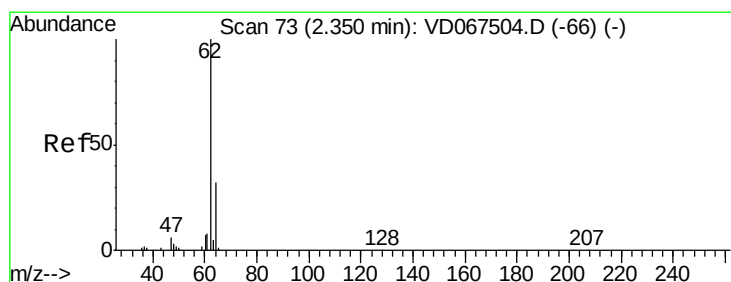
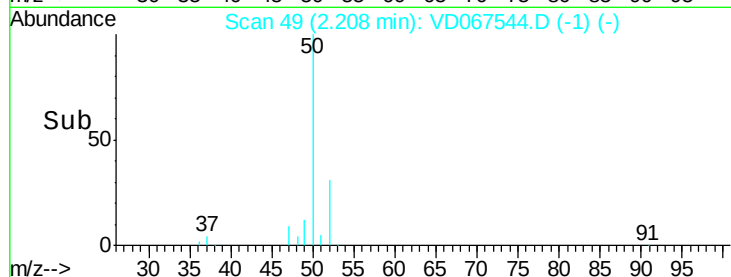
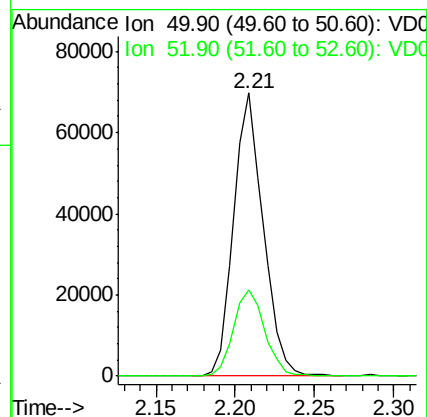
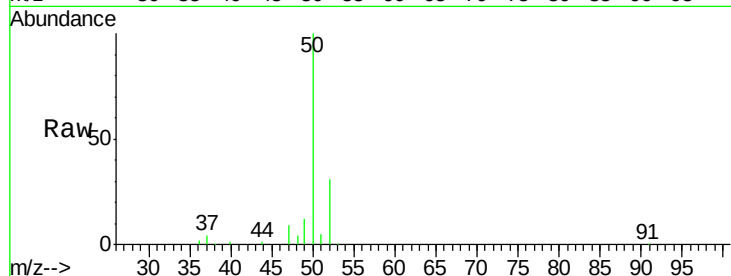
52 30.6 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.966 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067544.D

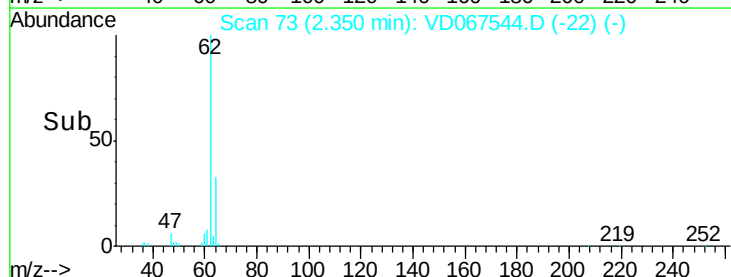
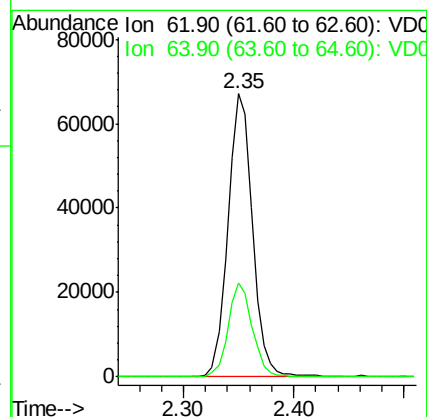
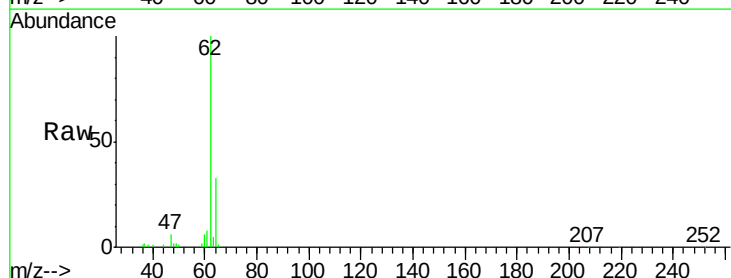
Acq: 06 Nov 2020 09:41

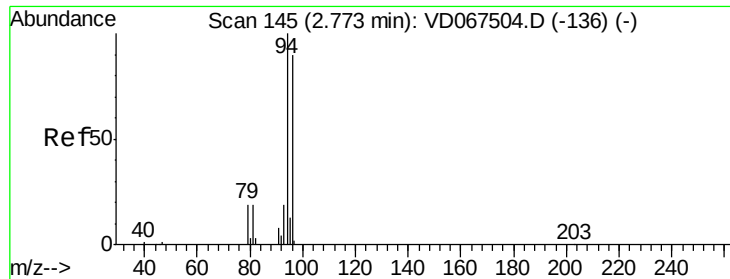
Tgt Ion: 62 Resp: 104336

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 44.521 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 83730

Ion Ratio Lower Upper

94 100

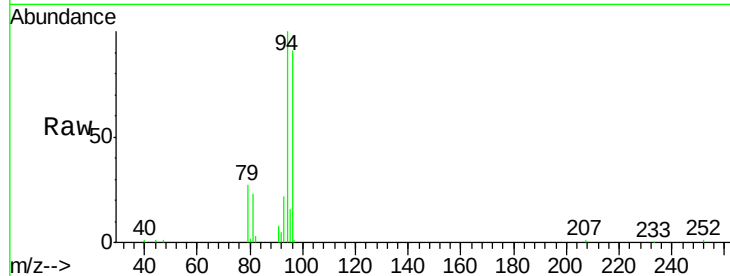
96 90.2 72.2 108.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

40000

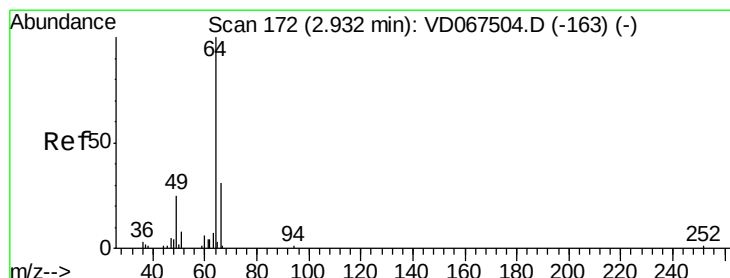
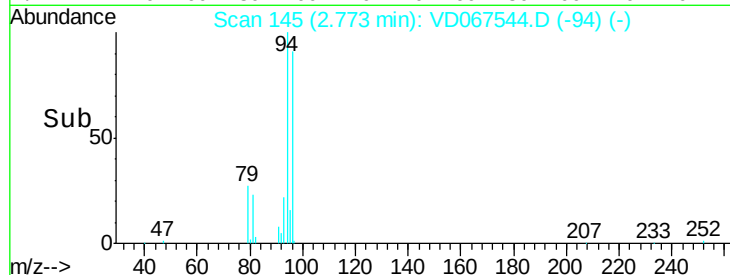
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 44.962 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067544.D

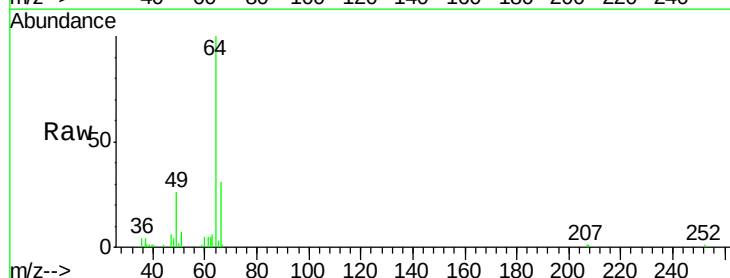
Acq: 06 Nov 2020 09:41

Tgt Ion: 64 Resp: 64319

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

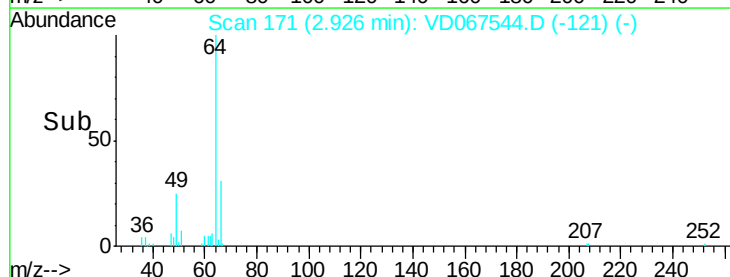
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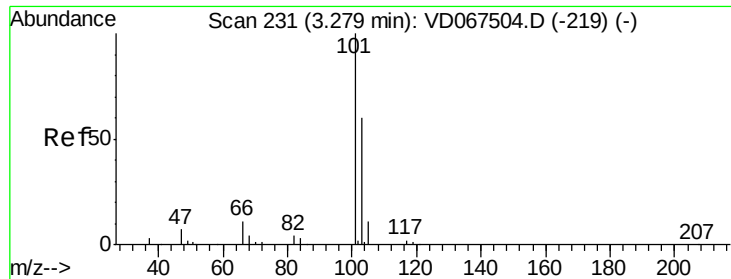
20000

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Time-->





#7

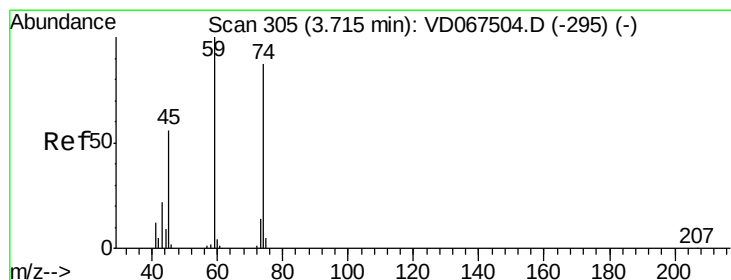
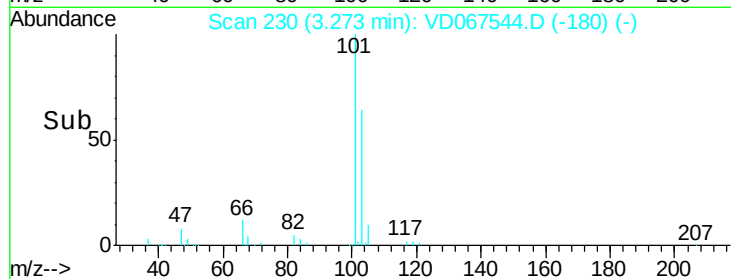
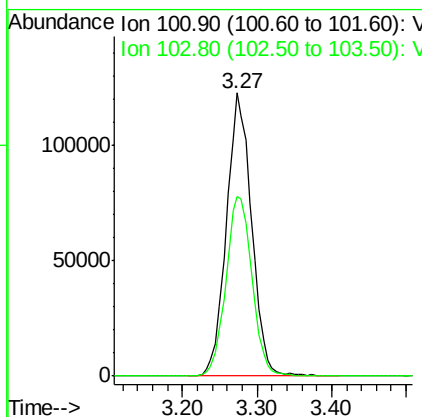
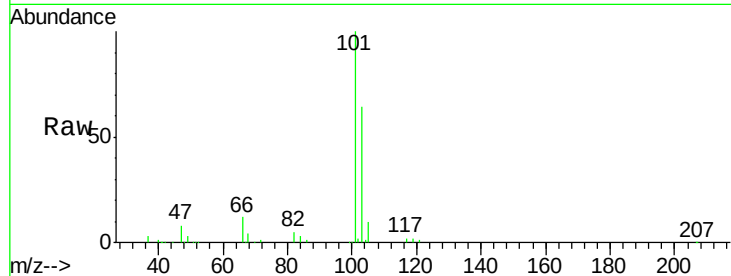
Trichlorofluoromethane
Concen: 47.939 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	288012		
103	63.6	48.1	72.1	

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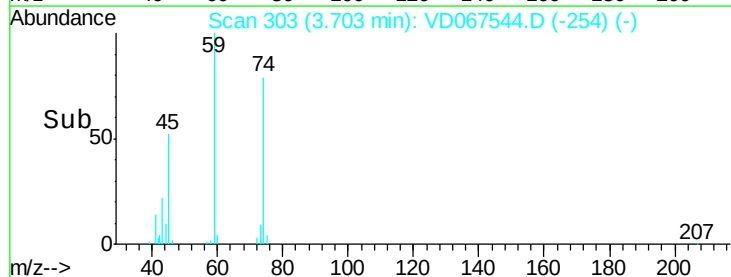
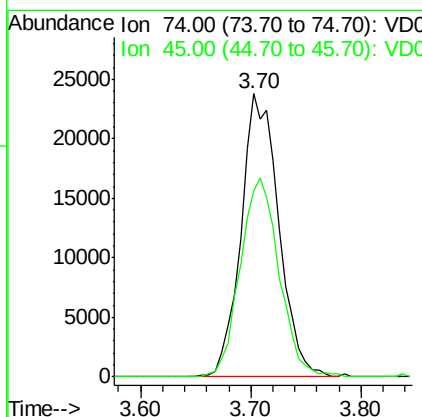
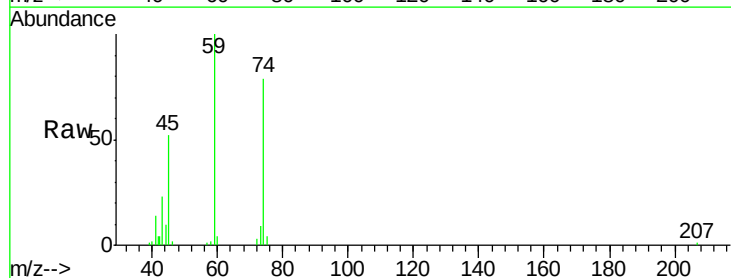
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11/9/2020 10:13:17 AM

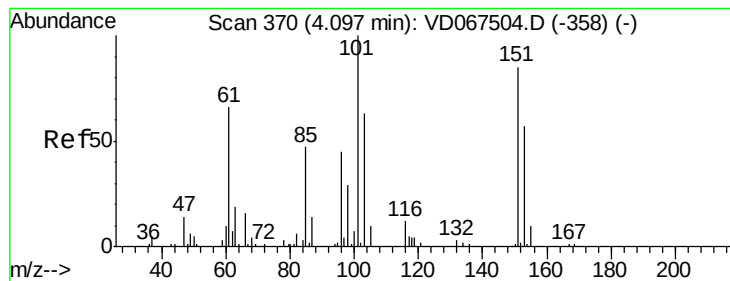


#8

Diethyl Ether
Concen: 46.978 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	56870		
45	72.6	38.2	114.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.087 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

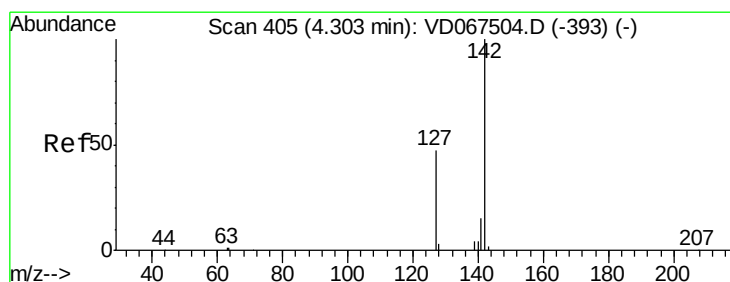
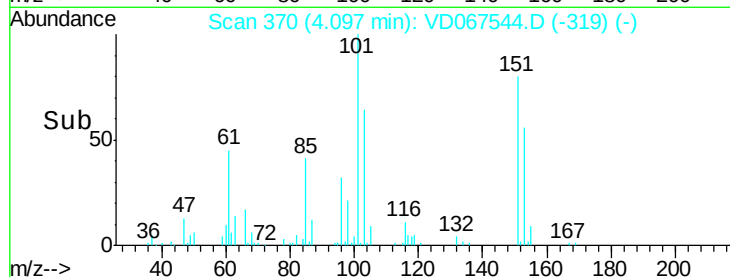
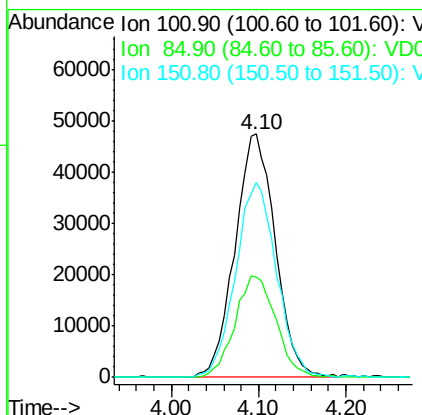
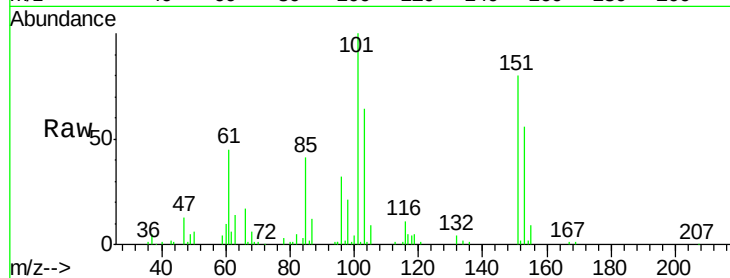
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	148862
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	81.3	68.1	102.1

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#10

Methyl Iodide

Concen: 48.000 ug/l

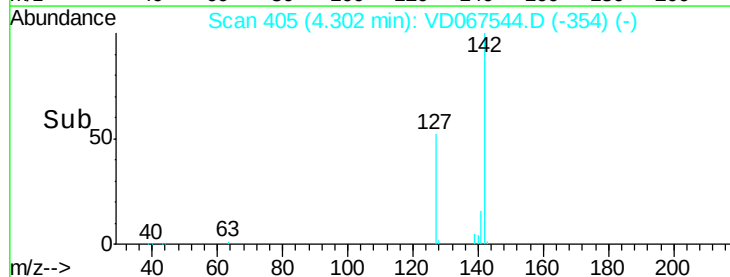
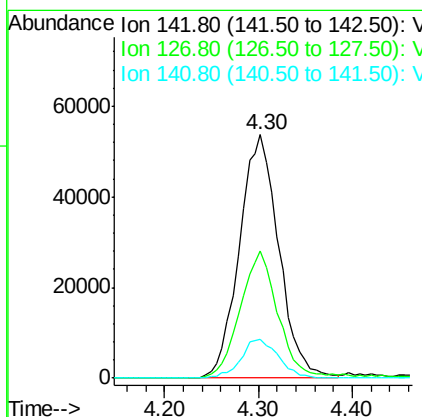
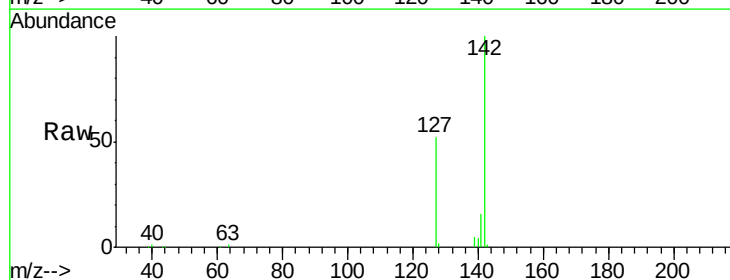
RT: 4.30 min Scan# 405

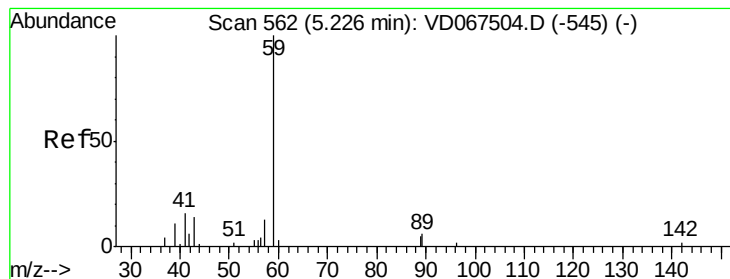
Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion:	142	Resp:	156015
Ion Ratio	Lower	Upper	
142	100		
127	51.4	40.0	60.0
141	15.3	11.7	17.5





#11

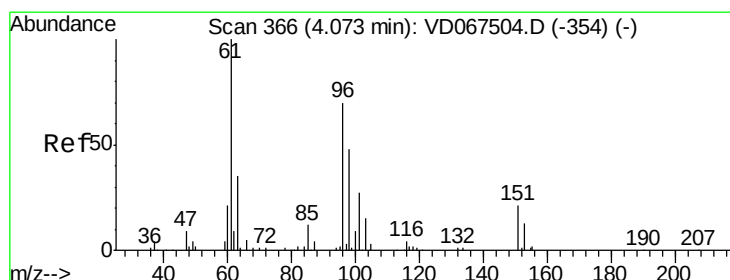
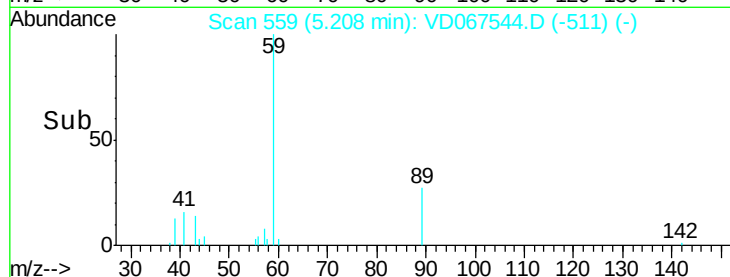
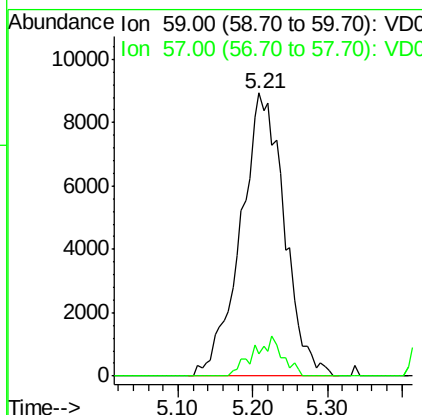
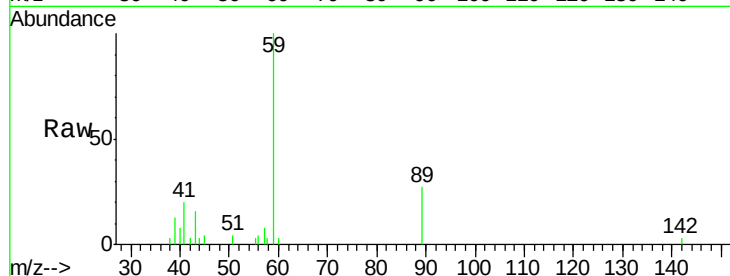
Tert butyl alcohol
 Concen: 291.759 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	5.9	8.9#

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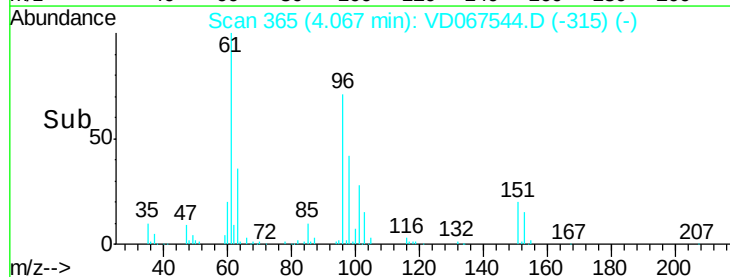
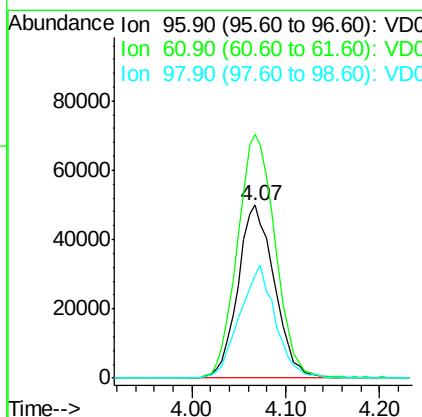
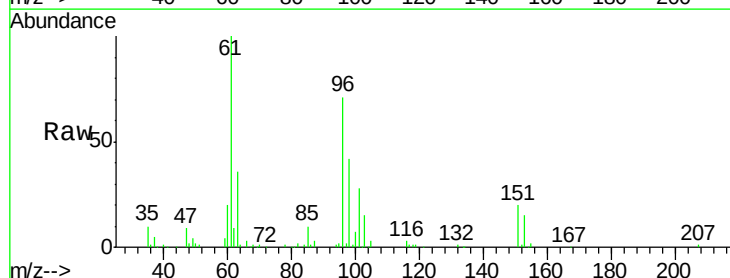
MMDadoda
 11/9/2020 10:13:17 AM

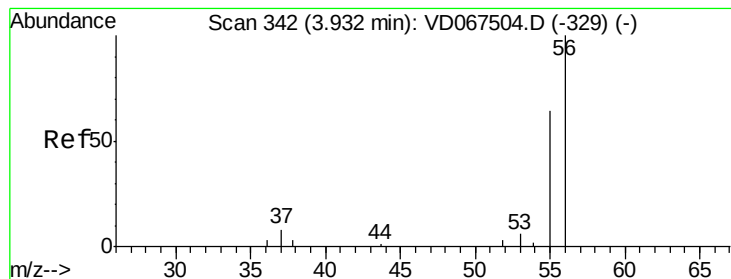


#12

1,1-Dichloroethene
 Concen: 48.203 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	114.5	171.7
98	59.6	54.5	81.7





#13

Acrolein

Concen: 251.226 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion: 56 Resp: 32606

Ion Ratio Lower Upper

56 100

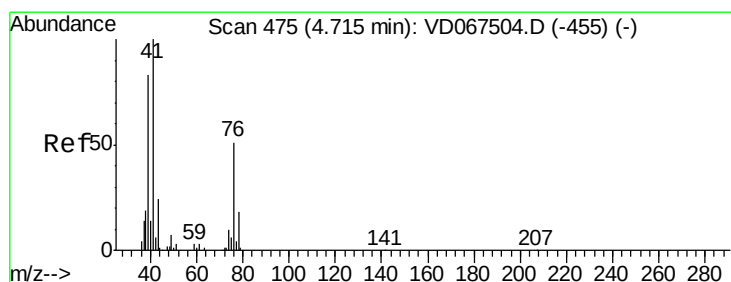
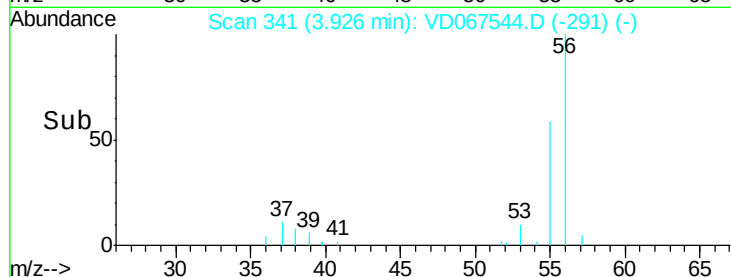
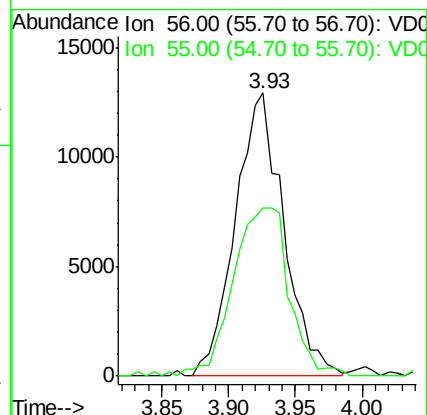
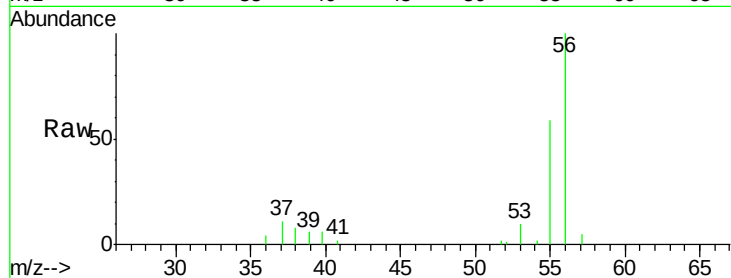
55 68.7 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 46.454 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

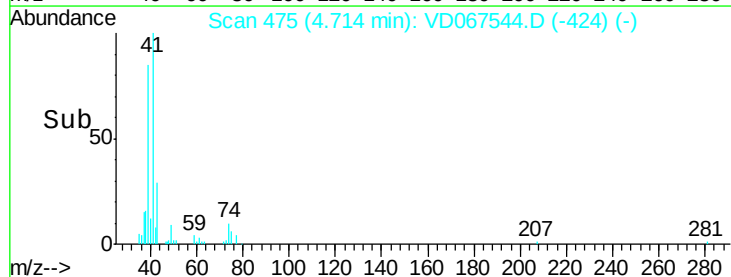
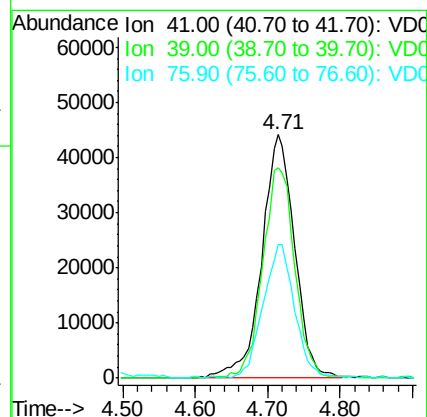
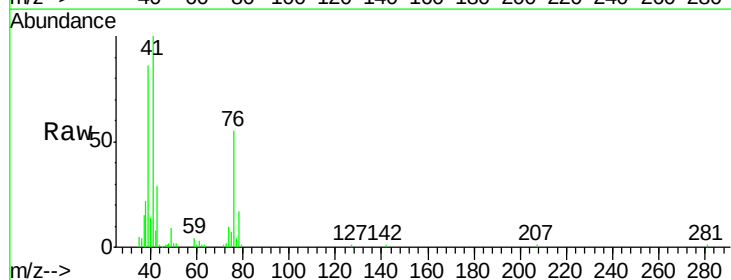
Tgt Ion: 41 Resp: 138684

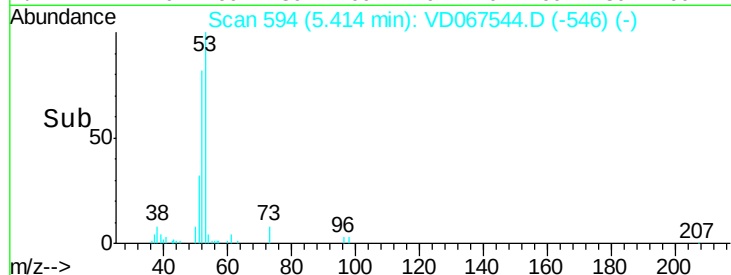
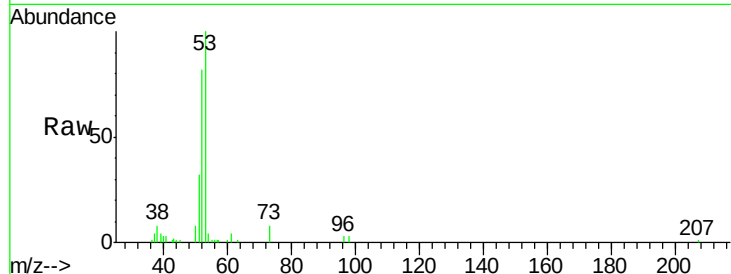
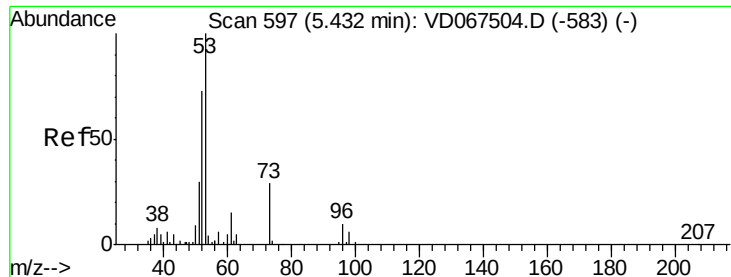
Ion Ratio Lower Upper

41 100

39 84.6 67.4 101.0

76 52.8 42.2 63.2





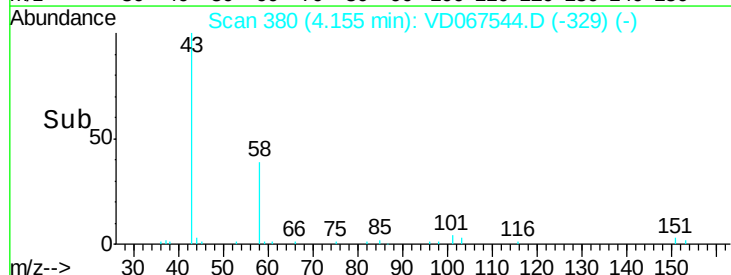
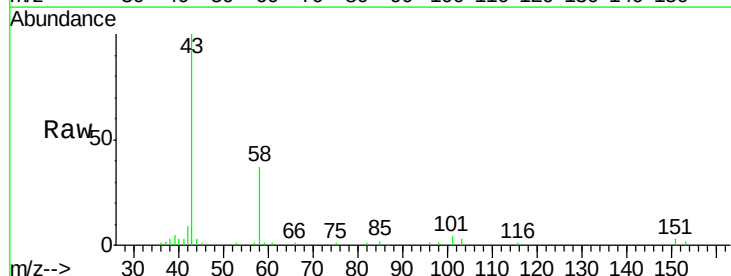
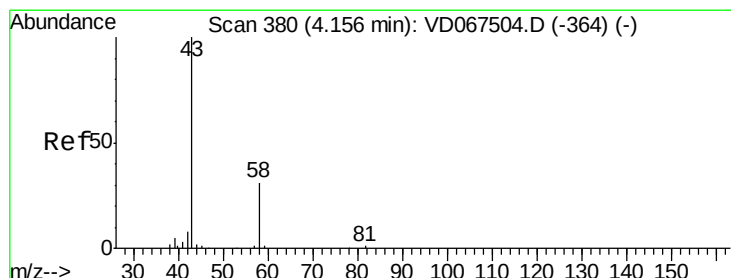
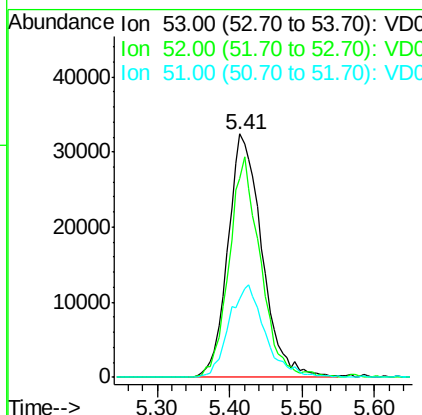
#15
Acrylonitrile
Concen: 236.178 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.02 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	64.8	97.2
51	40.3	29.5	44.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

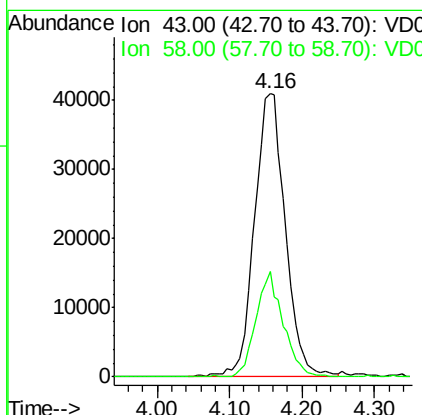
Manual Integrations
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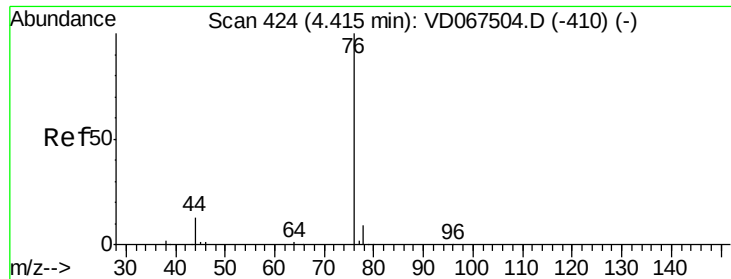
MMDadoda
11/9/2020 10:13:17 AM



#16
Acetone
Concen: 277.078 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	25.2	37.8





#17

Carbon Disulfide

Concen: 46.224 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 395110

Ion Ratio Lower Upper

76 100

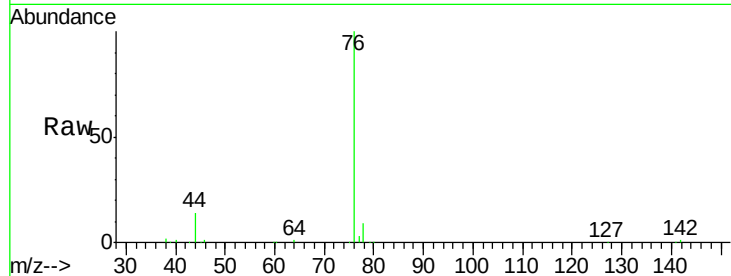
78 9.0 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

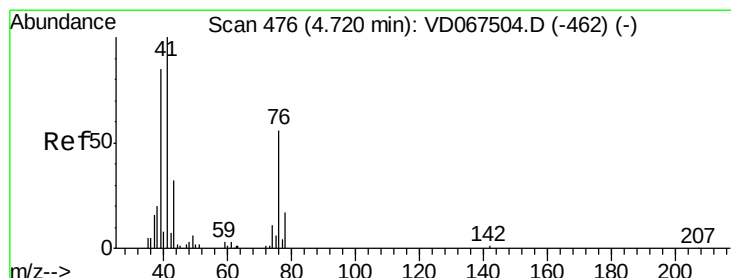
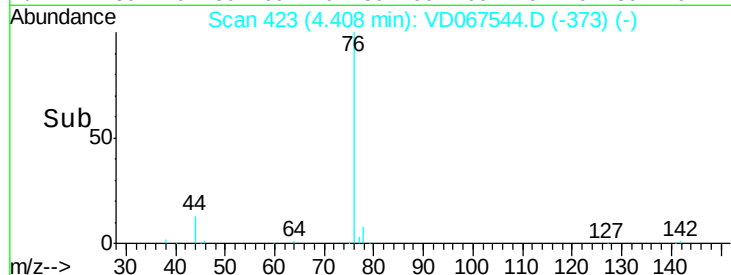
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.998 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067544.D

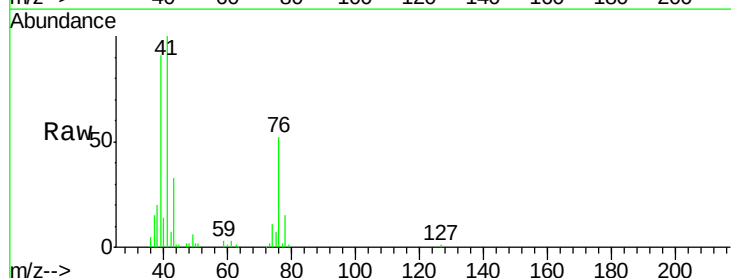
Acq: 06 Nov 2020 09:41

Tgt Ion: 43 Resp: 41567

Ion Ratio Lower Upper

43 100

74 32.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

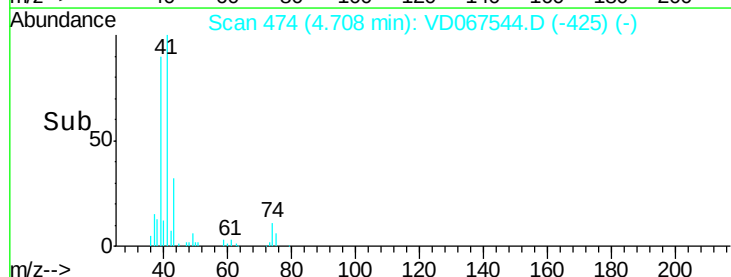
15000

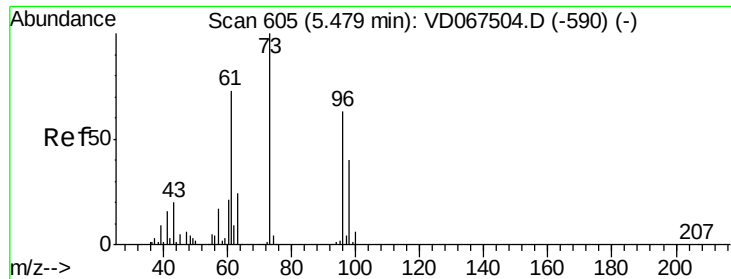
10000

5000

0

Time-->





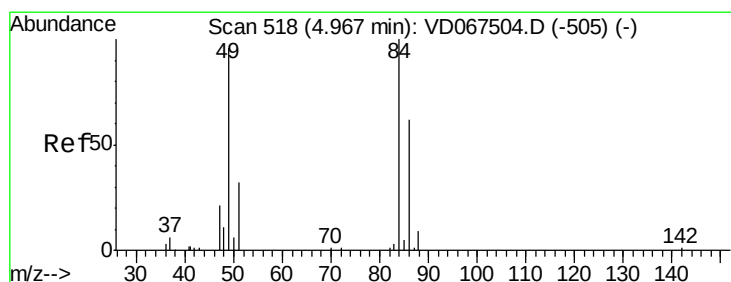
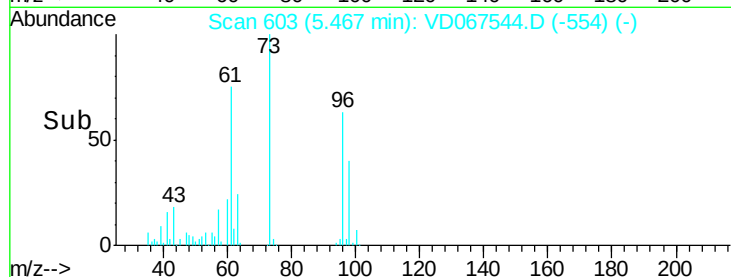
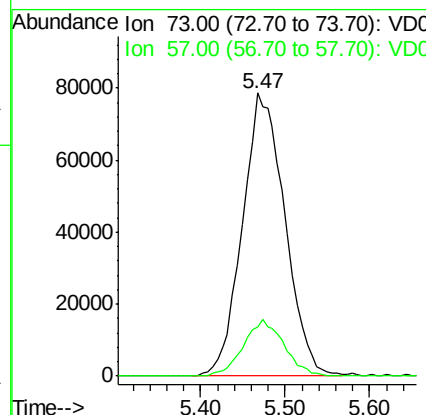
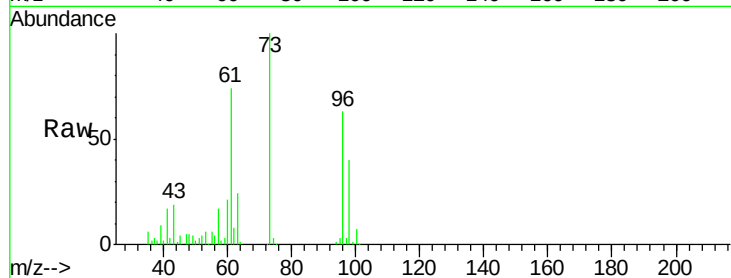
#19
Methyl tert-butyl Ether
Concen: 49.760 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 273791
Ion Ratio Lower Upper
73 100
57 17.3 13.4 20.0

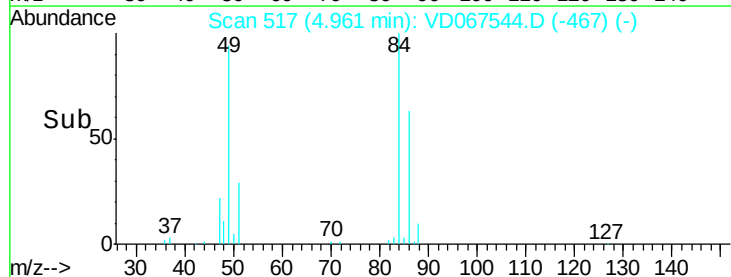
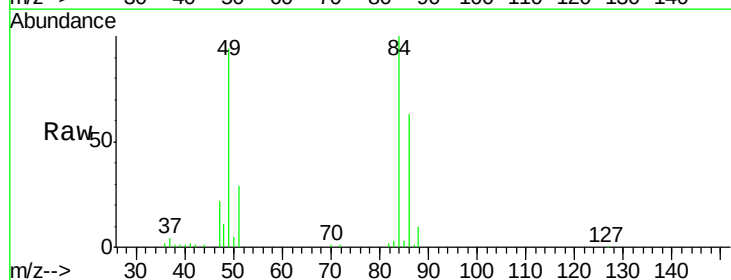
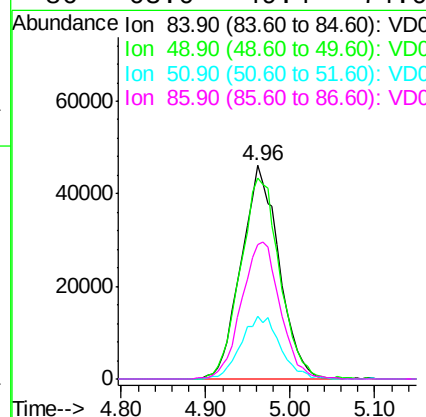
Manual Integrations
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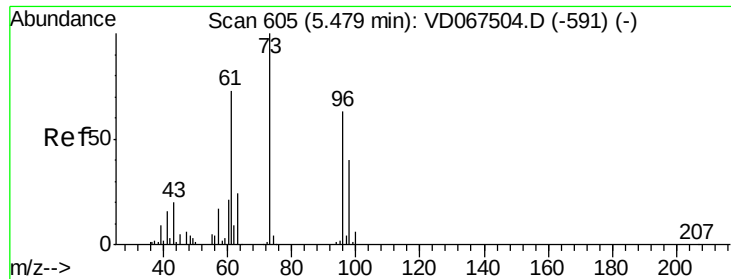
MMDadoda
11/9/2020 10:13:17 AM



#20
Methylene Chloride
Concen: 46.402 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion: 84 Resp: 143339
Ion Ratio Lower Upper
84 100
49 94.3 77.0 115.4
51 29.4 25.4 38.2
86 63.0 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 47.249 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

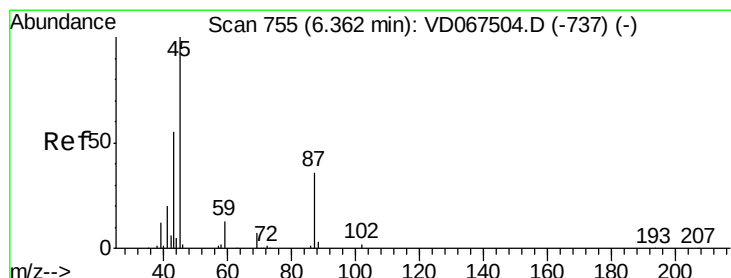
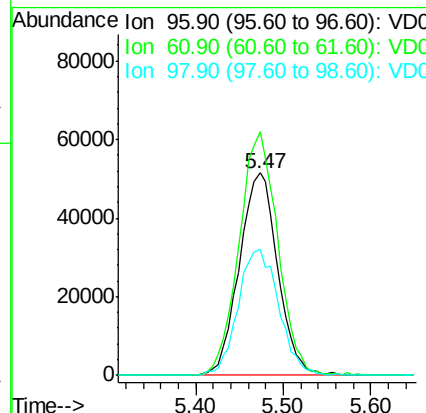
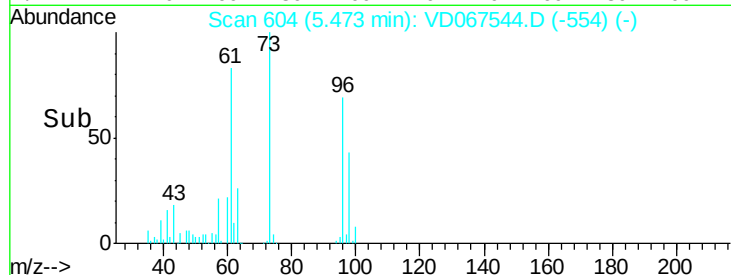
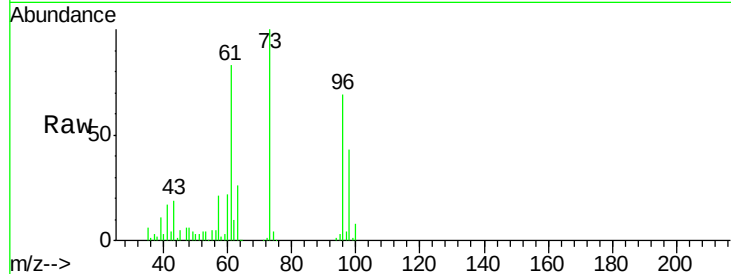
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	153512
Ion	Ratio	Lower	Upper
96	100		
61	120.3	93.0	139.6
98	62.4	50.9	76.3

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 48.790 ug/l

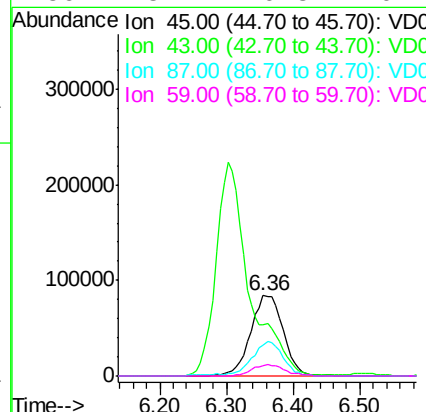
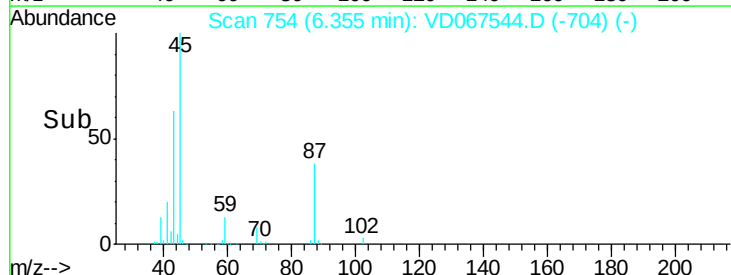
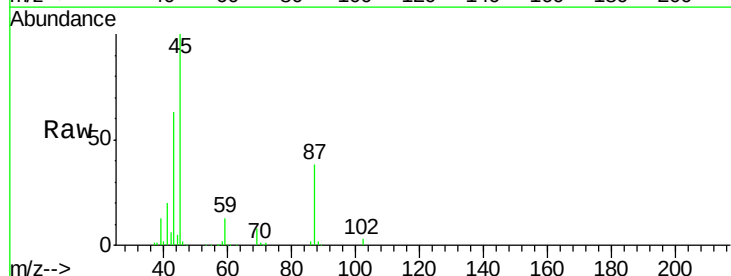
RT: 6.36 min Scan# 754

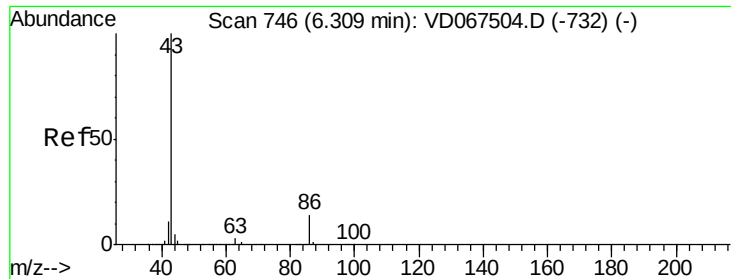
Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion:	45	Resp:	283849
Ion	Ratio	Lower	Upper
45	100		
43	61.6	46.2	69.4
87	37.8	29.4	44.2
59	13.2	10.8	16.2





#23

Vinyl Acetate

Concen: 256.733 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 781835

Ion Ratio Lower Upper

43 100

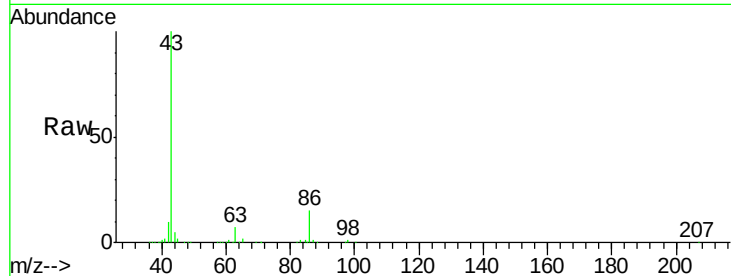
86 14.9 11.6 17.4

Manual Integrations

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11/9/2020 10:13:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

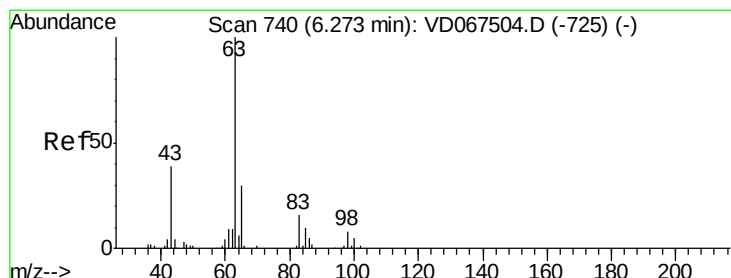
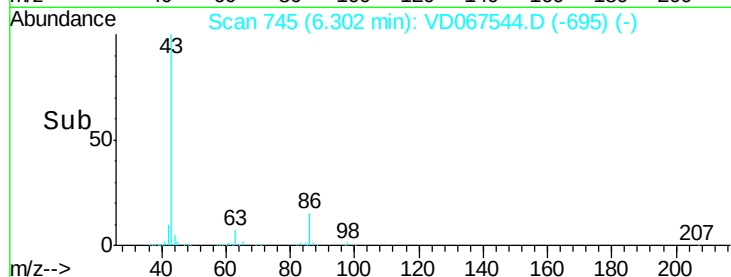
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.959 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

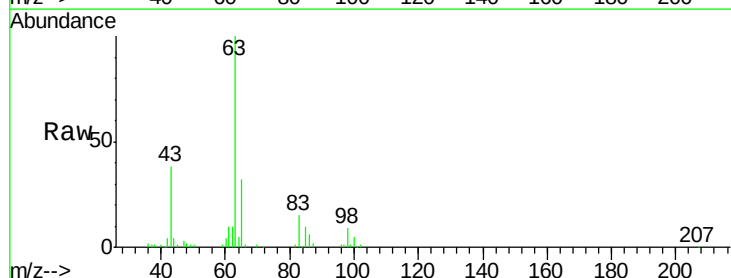
Tgt Ion: 63 Resp: 228258

Ion Ratio Lower Upper

63 100

98 9.0 3.9 11.5

100 4.8 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

6.27

100000

80000

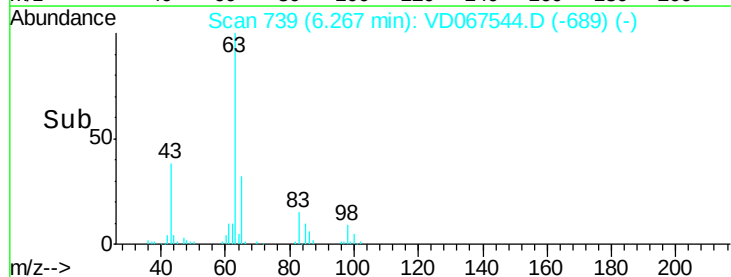
60000

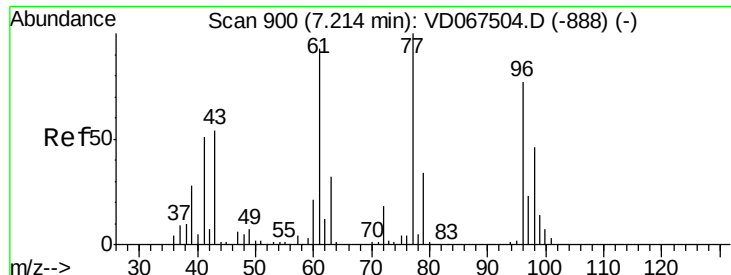
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.590 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 117093

Ion Ratio Lower Upper

43 100

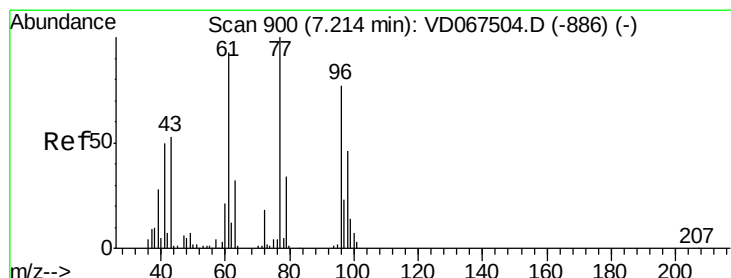
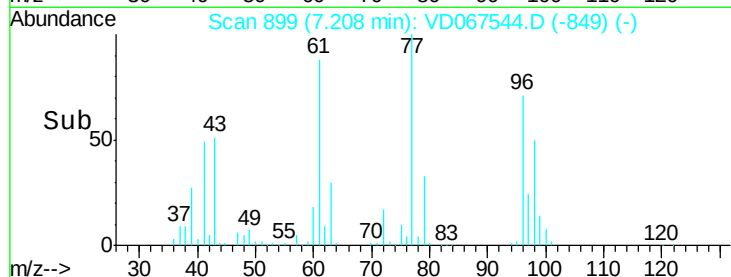
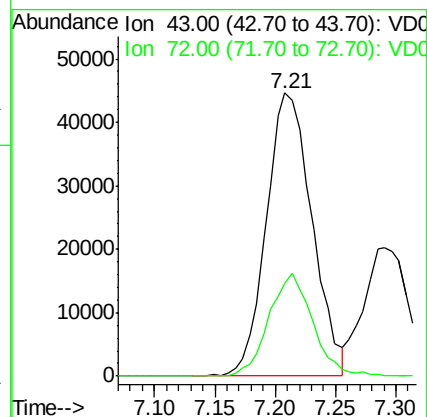
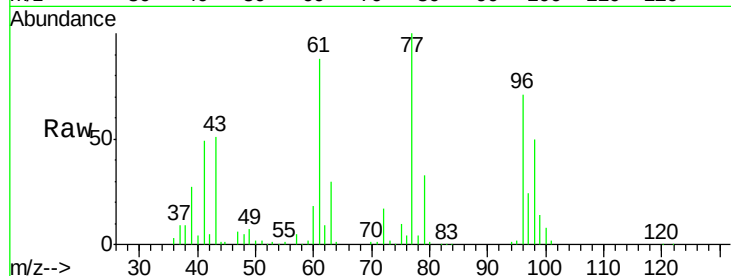
72 32.9 26.4 39.6

Manual Integrations

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MMDadoda

11/9/2020 10:13:17 AM



#26

2,2-Dichloropropane

Concen: 49.131 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067544.D

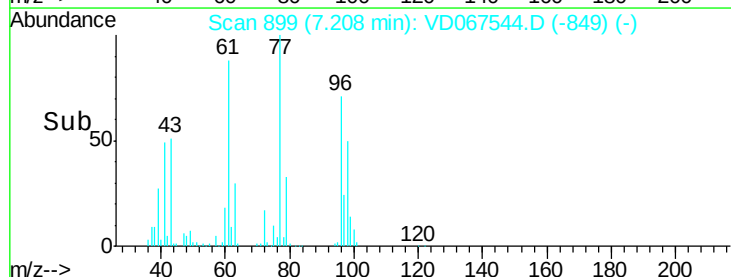
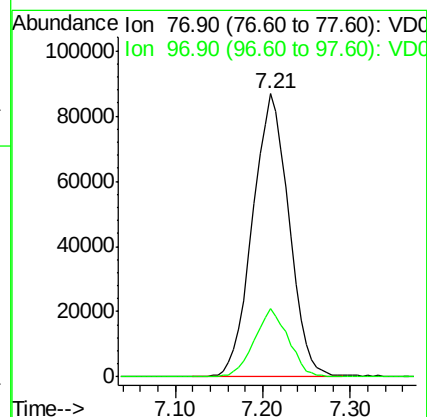
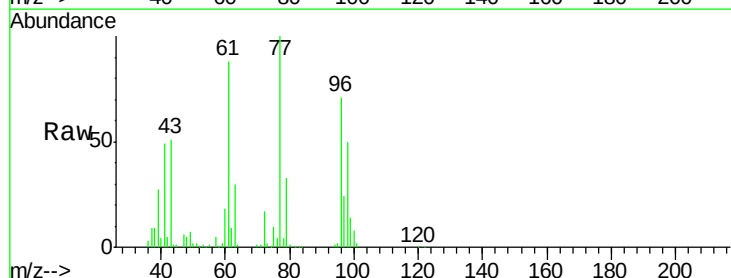
Acq: 06 Nov 2020 09:41

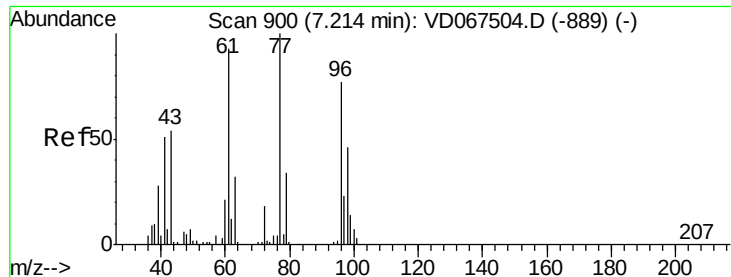
Tgt Ion: 77 Resp: 246793

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

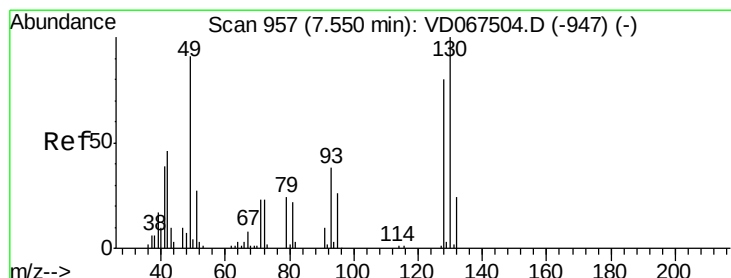
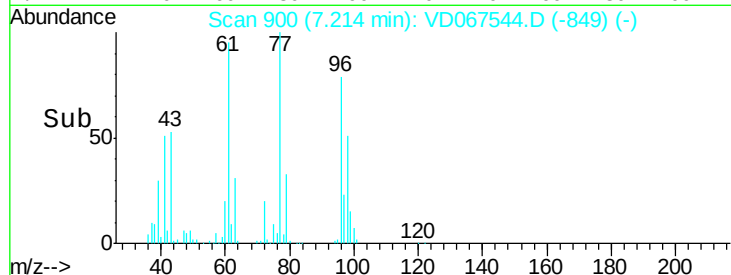
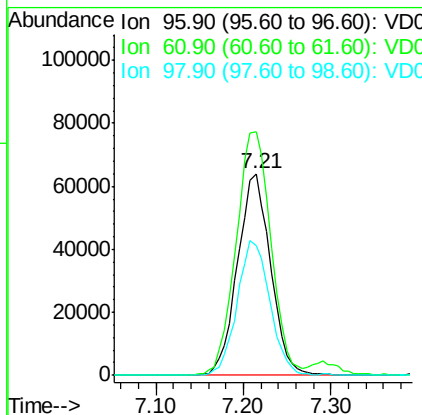
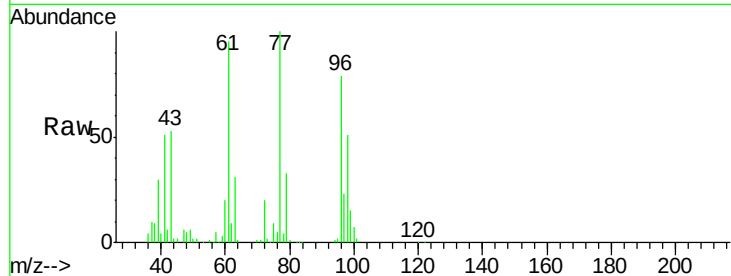
cis-1,2-Dichloroethene
Concen: 48.607 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163918		
61	127.3	0.0	251.6	
98	66.2	0.0	128.0	

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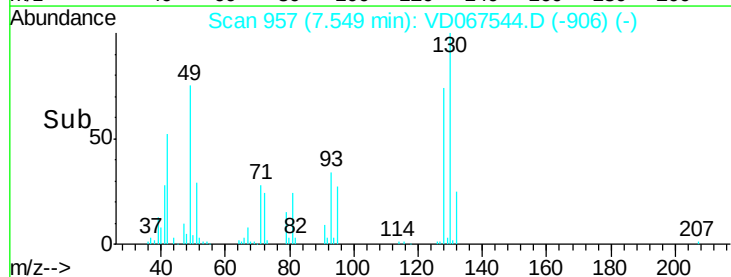
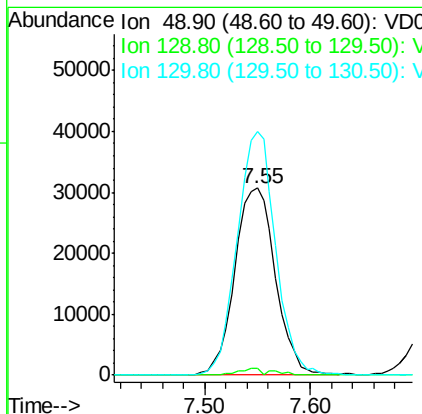
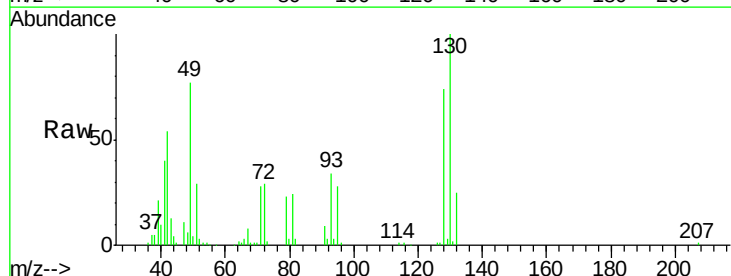
MMDadoda
11/9/2020 10:13:17 AM

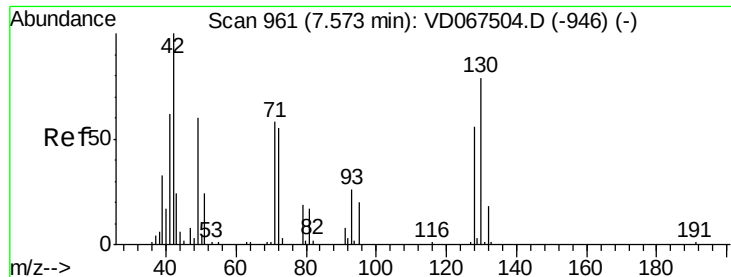


#28

Bromochloromethane
Concen: 48.362 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81875		
129	1.8	0.0	6.4	
130	123.0	94.6	142.0	





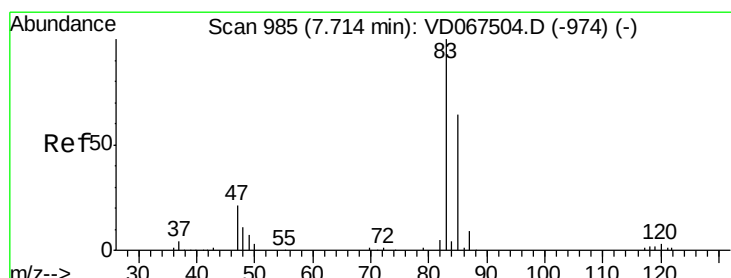
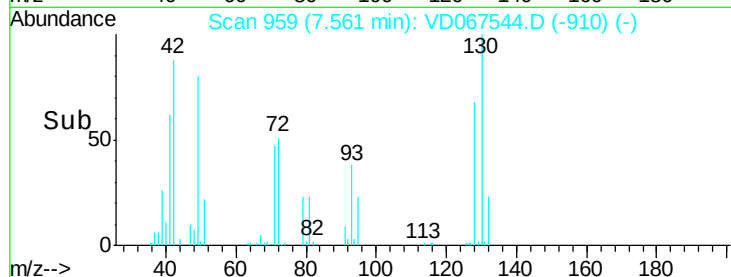
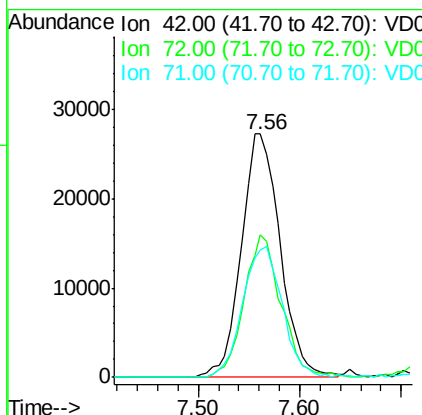
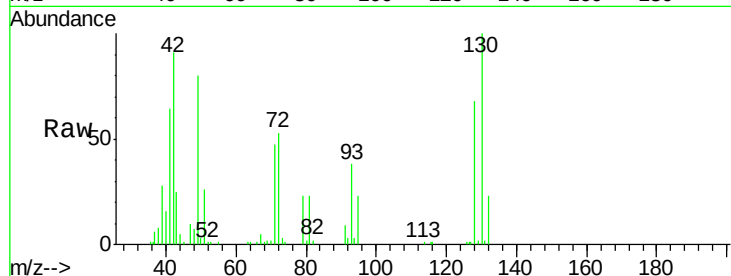
#29
Tetrahydrofuran
Concen: 260.825 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.7	46.3	69.5
71	54.5	44.0	66.0

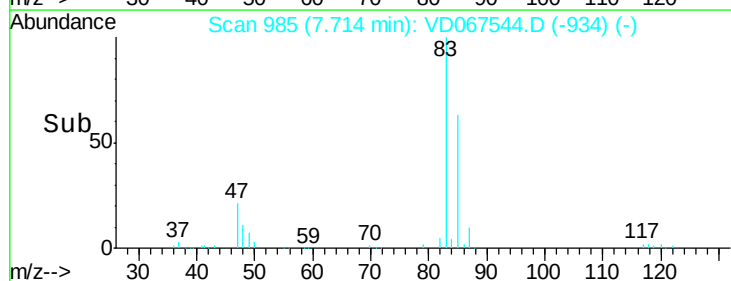
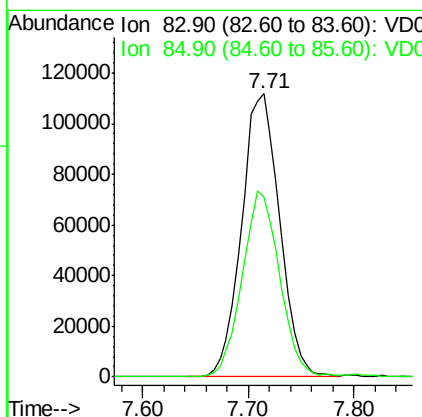
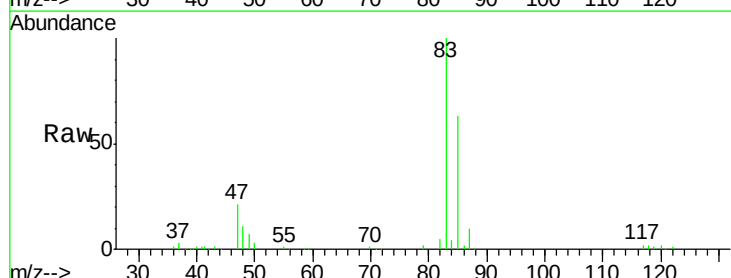
Manual Integrations
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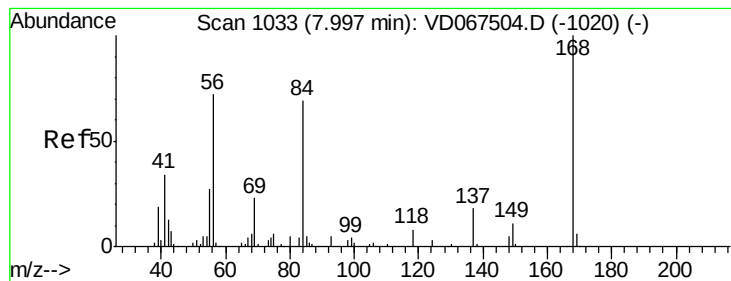
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#30
Chloroform
Concen: 49.295 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.5	77.3





#31

Cyclohexane

Concen: 45.446 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.02 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

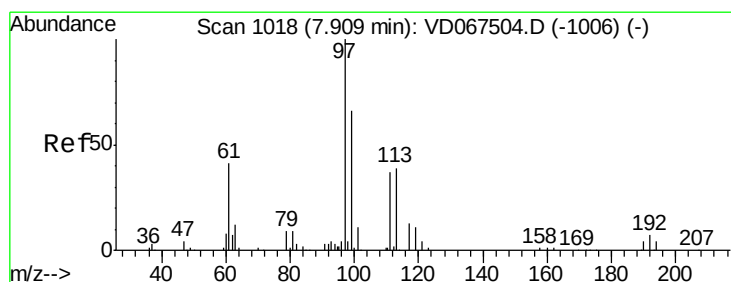
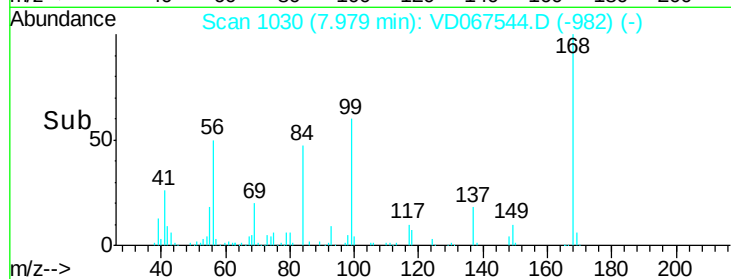
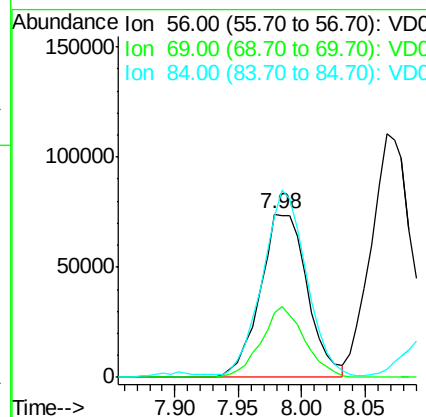
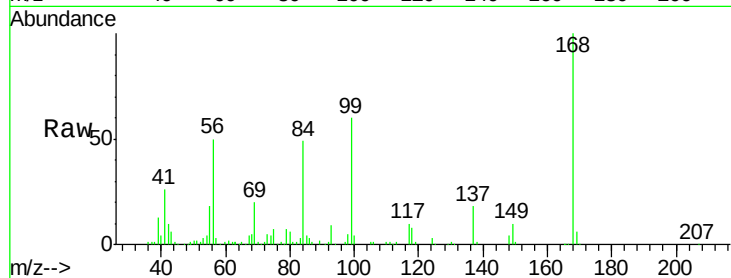
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	192618
Ion Ratio	Lower	Upper	
56	100		
69	39.6	25.9	38.9#
84	96.2	76.2	114.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.733 ug/l

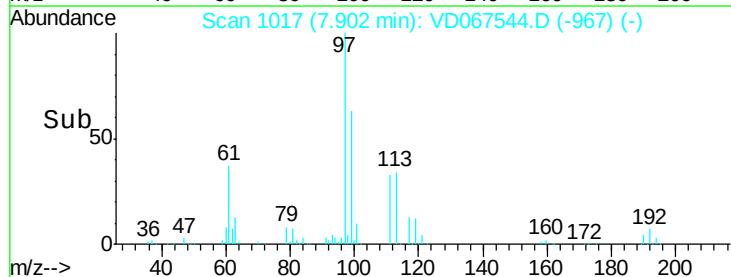
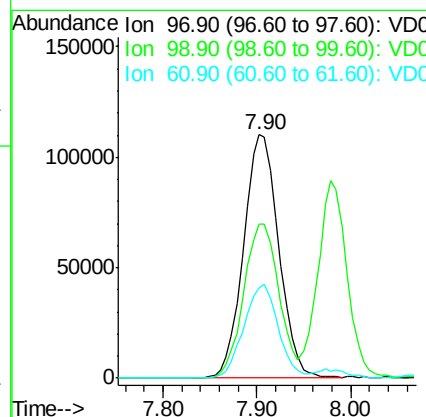
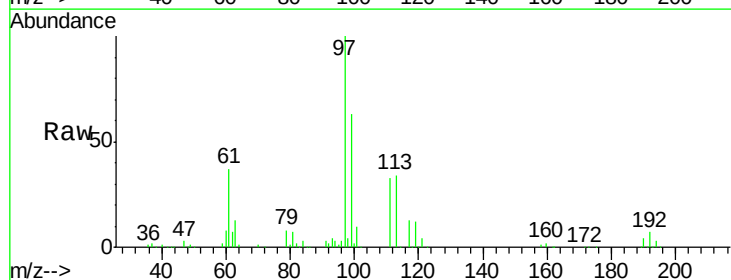
RT: 7.90 min Scan# 1017

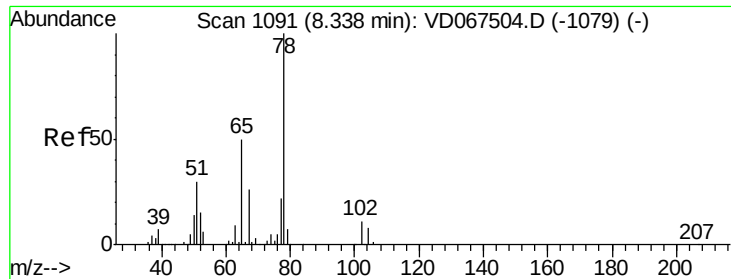
Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion:	97	Resp:	285503
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.8	77.6
61	37.7	30.5	45.7





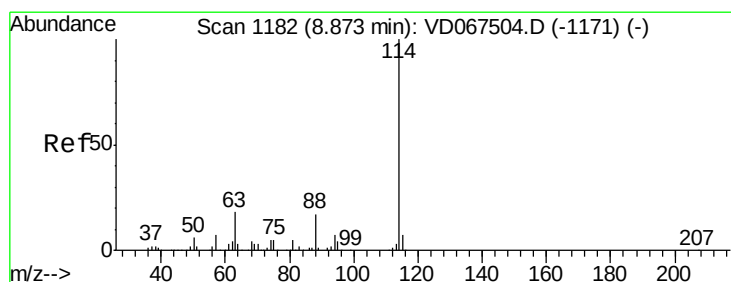
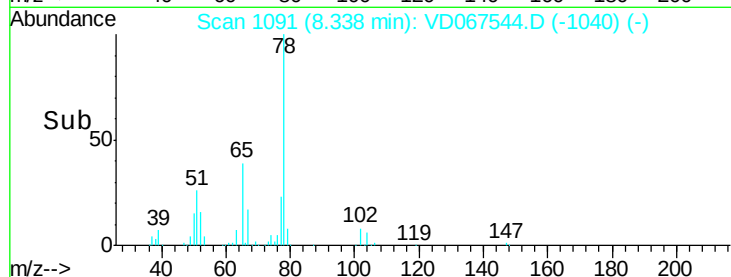
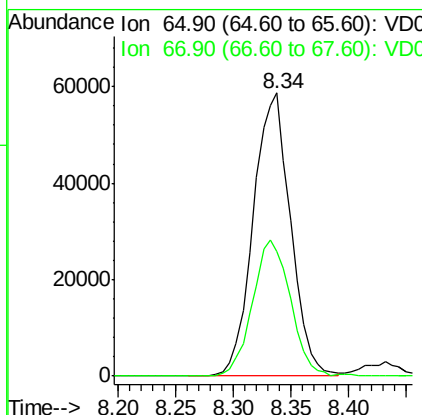
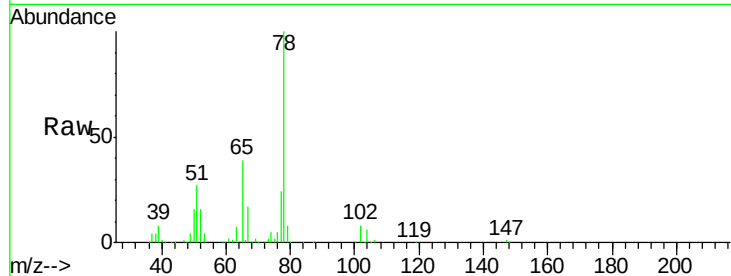
#33
 1,2-Dichloroethane-d4
 Concen: 45.281 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132325		
67	48.8	0.0	99.4	

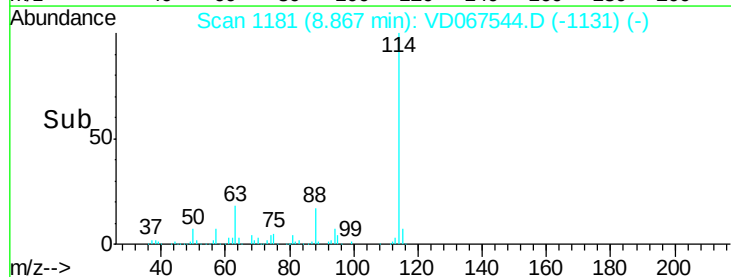
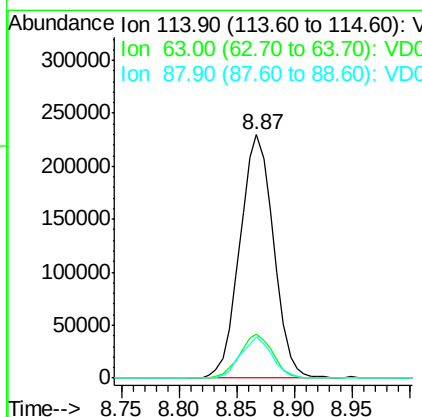
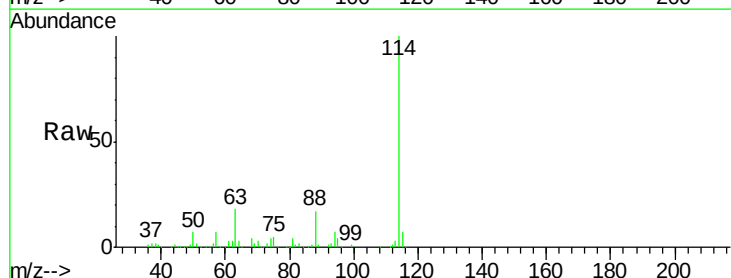
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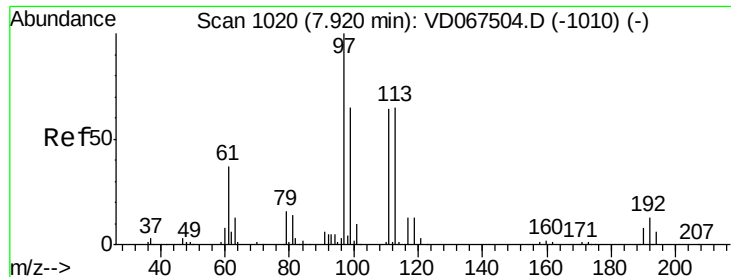
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	467576		
63	18.0	0.0	35.0	
88	17.1	0.0	33.0	





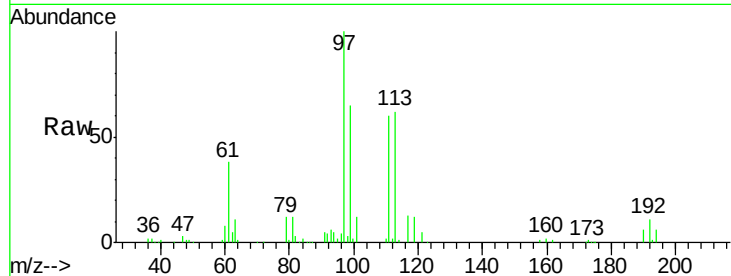
#35
 Dibromofluoromethane
 Concen: 48.336 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

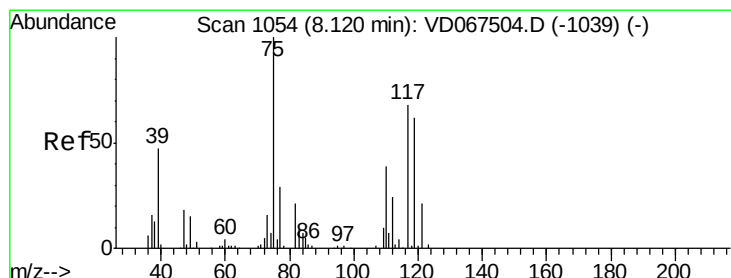
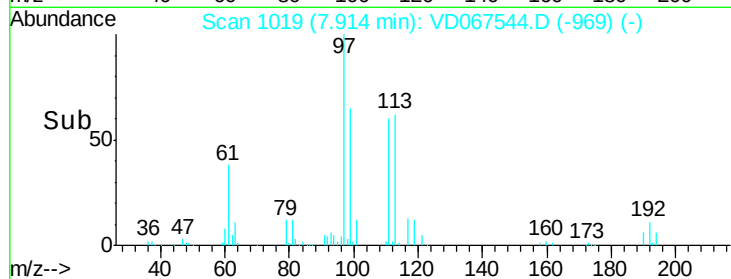
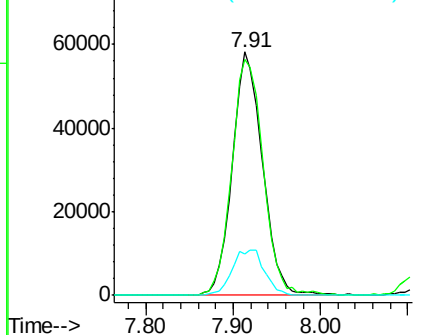
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	80.0	120.0
192	19.9	16.3	24.5

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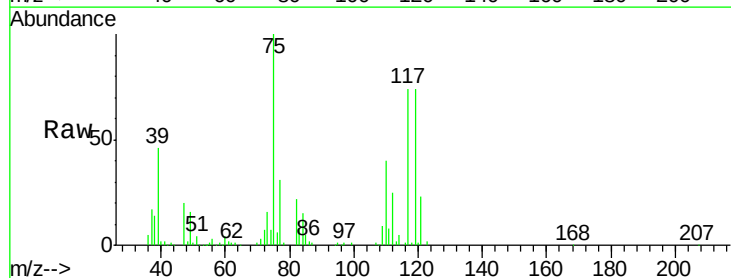


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

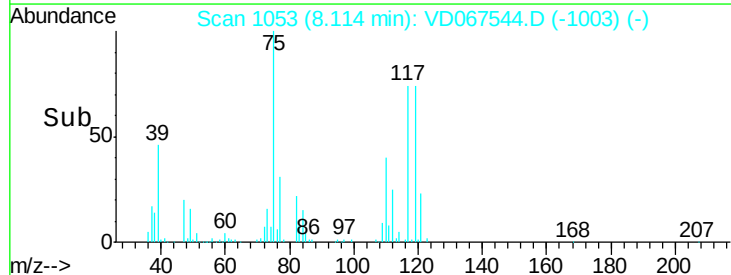
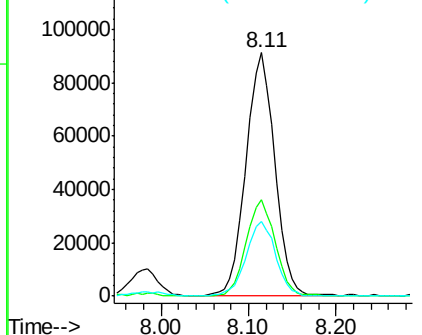


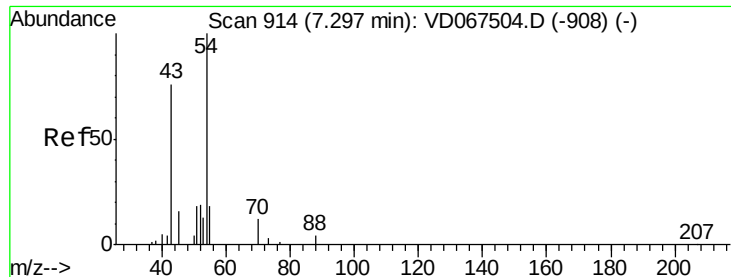
#36
 1,1-Dichloropropene
 Concen: 51.208 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.9	59.7
77	31.6	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





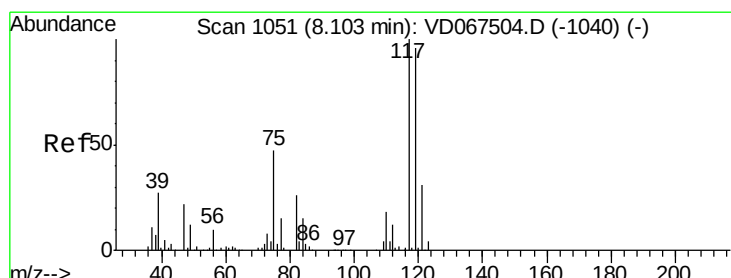
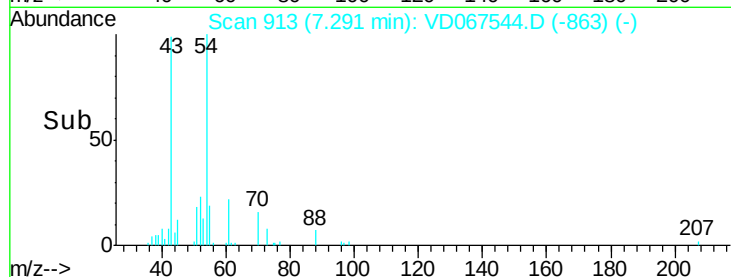
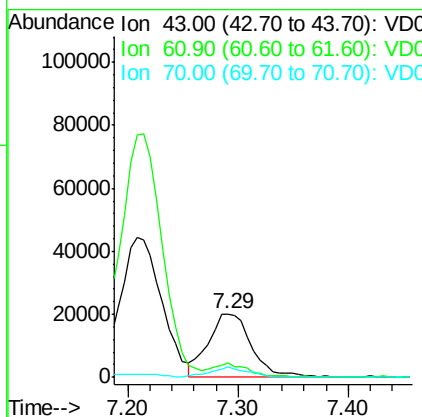
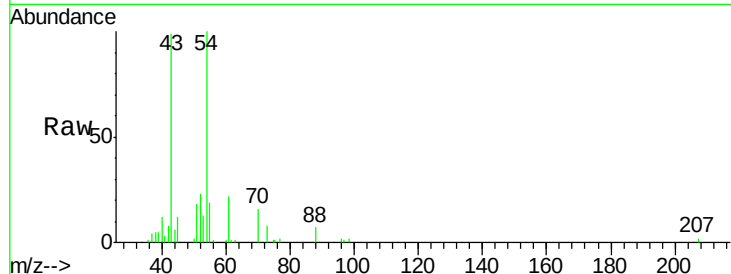
#37
Ethyl Acetate
Concen: 51.978 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	12.8	19.2
70	14.4	11.7	17.5

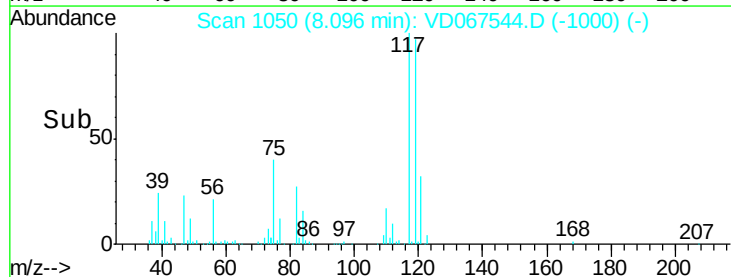
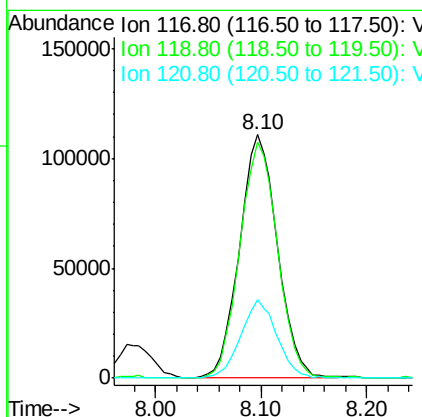
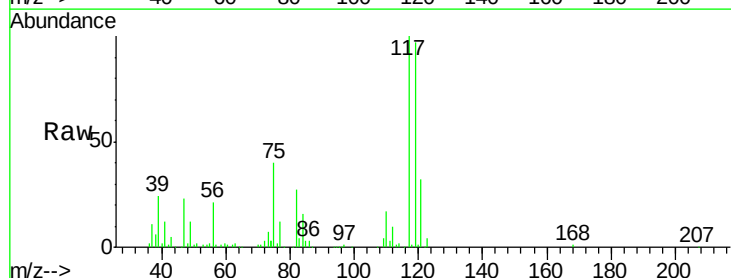
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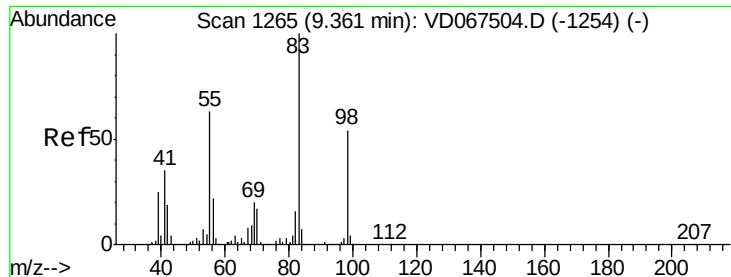
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#38
Carbon Tetrachloride
Concen: 52.649 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
121	32.1	24.5	36.7





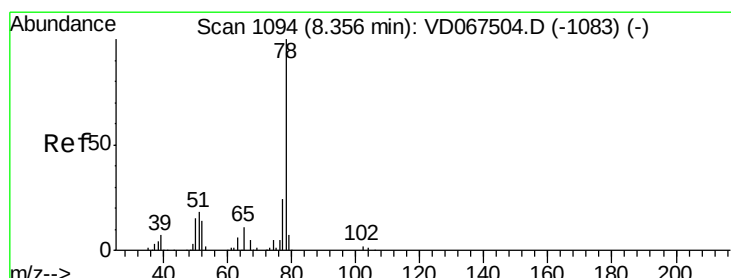
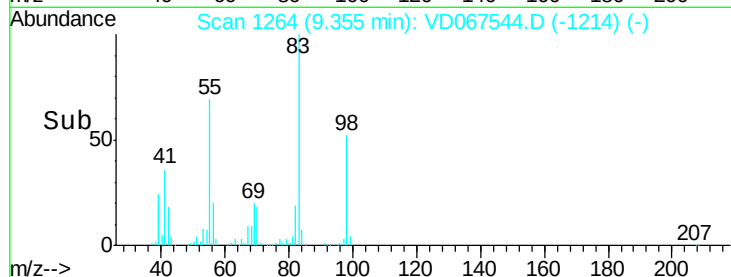
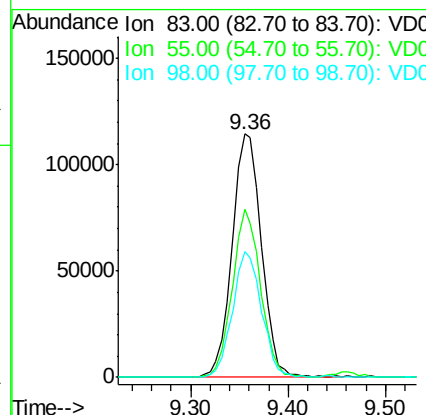
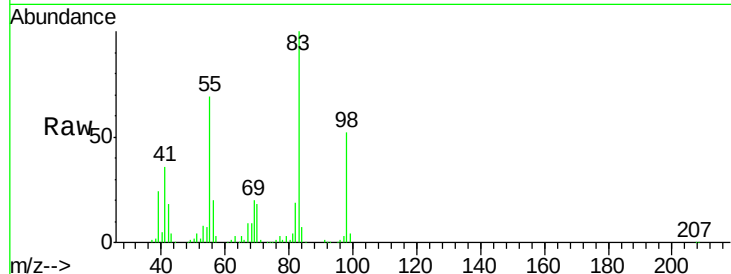
#39
Methylvlcyclohexane
Concen: 50.759 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	50.5	75.7
98	51.9	43.4	65.0

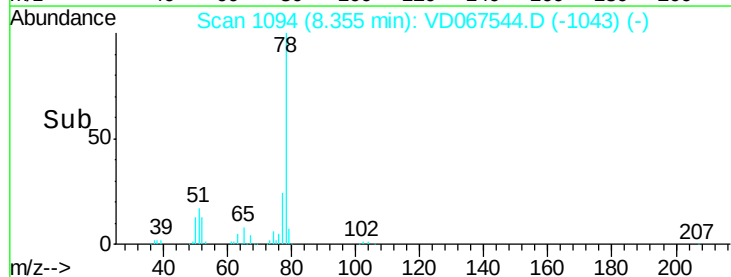
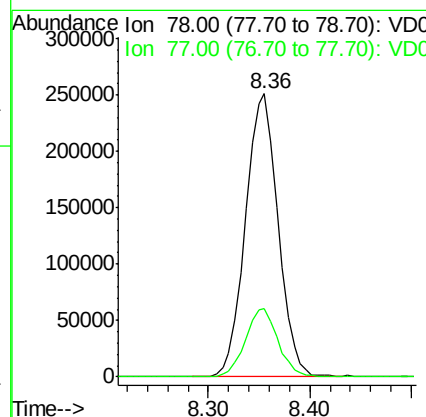
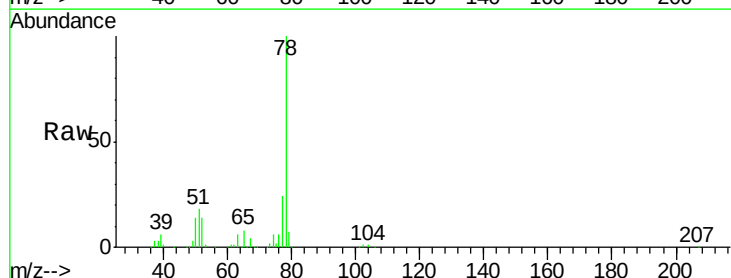
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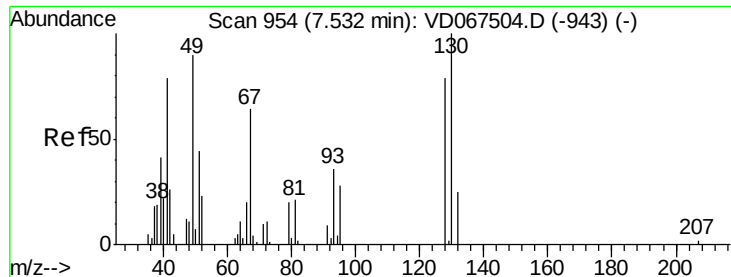
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#40
Benzene
Concen: 51.734 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41

Methacrylonitrile

Concen: 52.137 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 32383

Ion Ratio Lower Upper

41 100

39 133.4 51.3 76.9#

67 0.0 78.9 118.3#

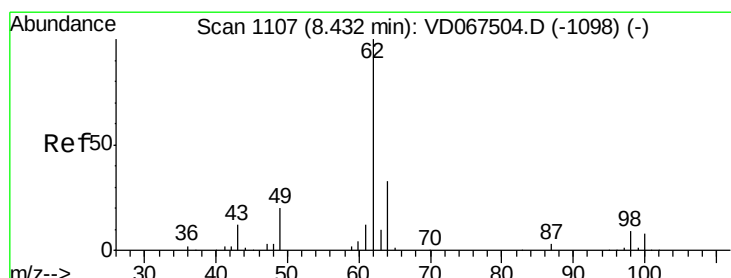
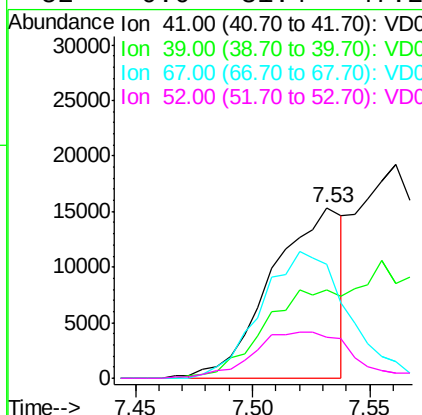
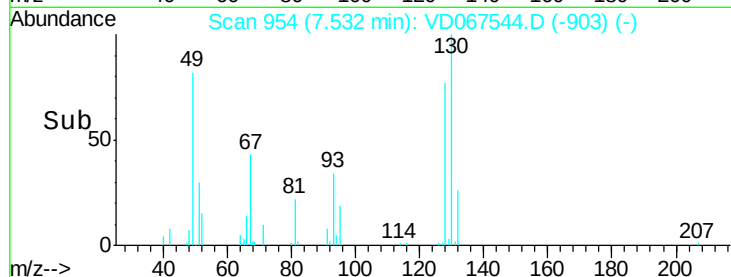
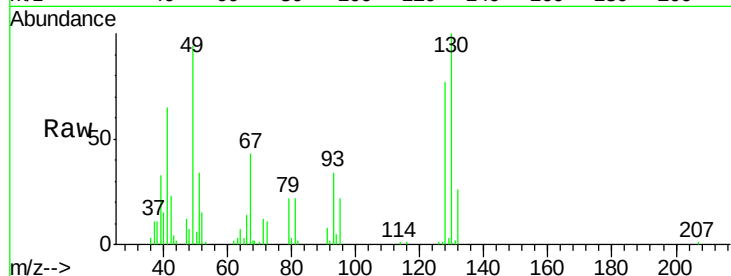
52 0.0 31.4 47.2#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 50.543 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067544.D

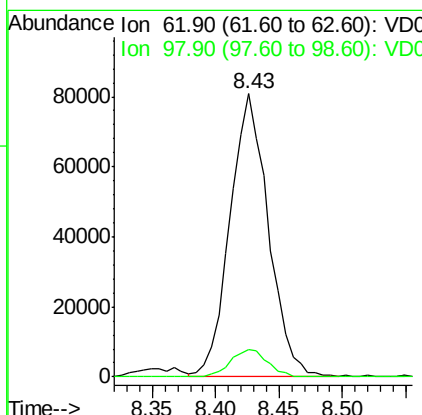
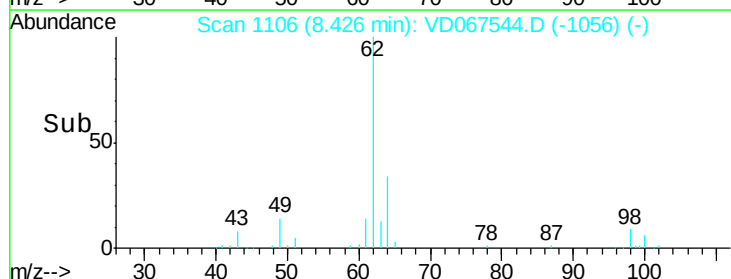
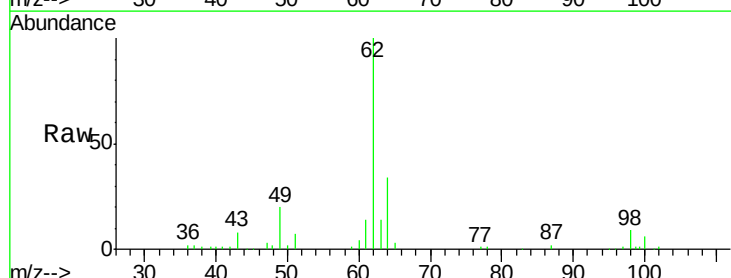
Acq: 06 Nov 2020 09:41

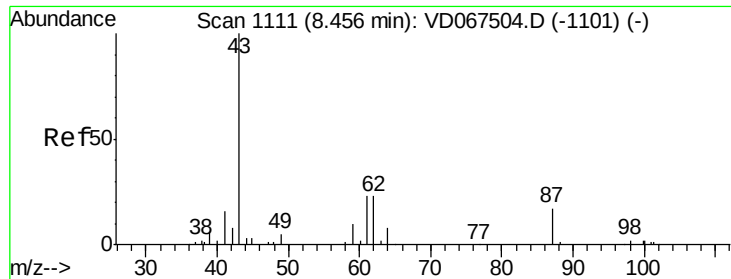
Tgt Ion: 62 Resp: 169303

Ion Ratio Lower Upper

62 100

98 9.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 51.764 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

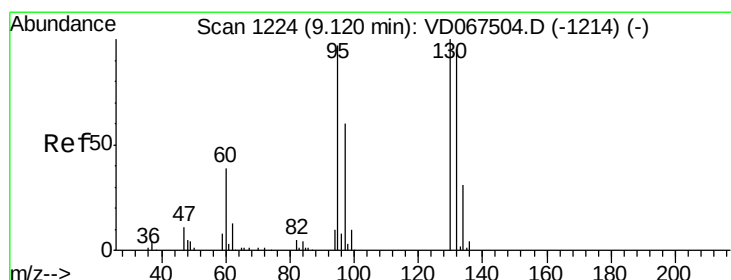
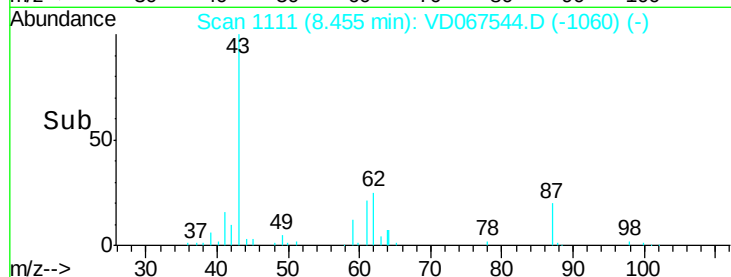
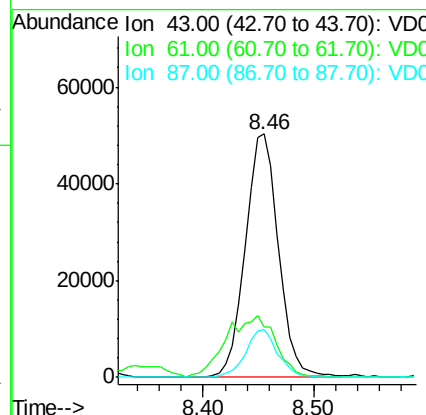
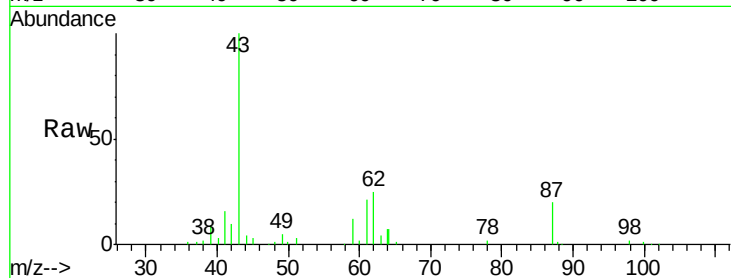
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	106374
Ion	Ratio	Lower	Upper
43	100		
61	37.6	30.5	45.7
87	18.9	14.7	22.1

Manual Integrations
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#44

Trichloroethene

Concen: 50.868 ug/l

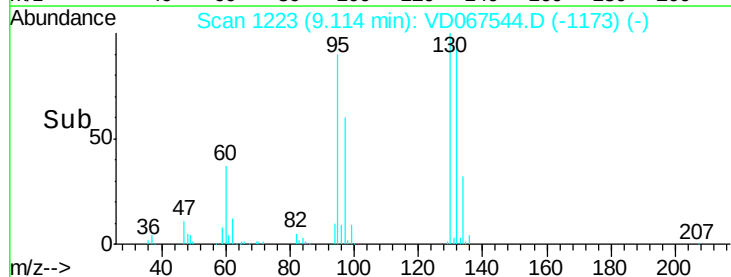
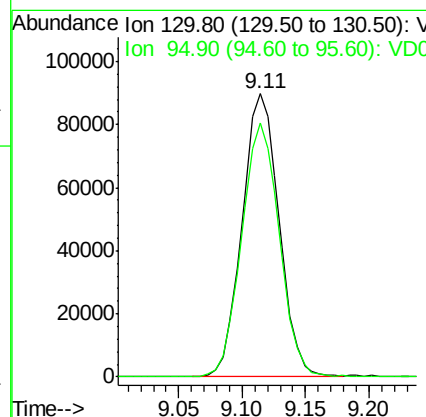
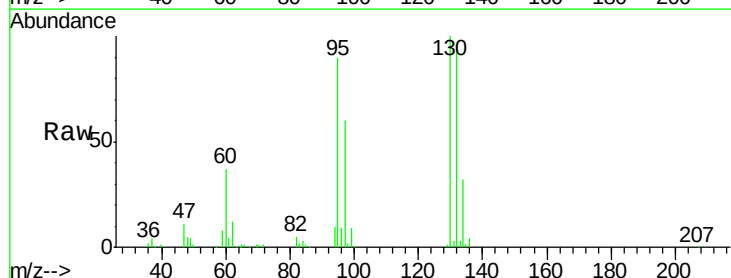
RT: 9.11 min Scan# 1223

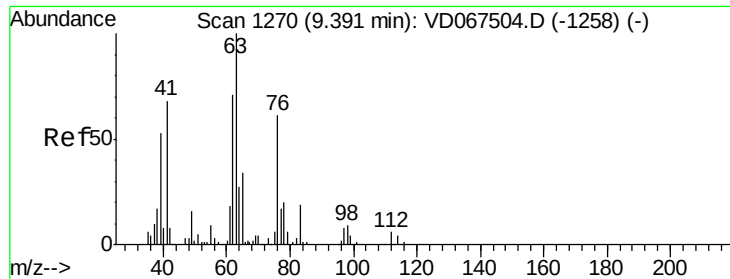
Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion:	130	Resp:	181333
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	194.4





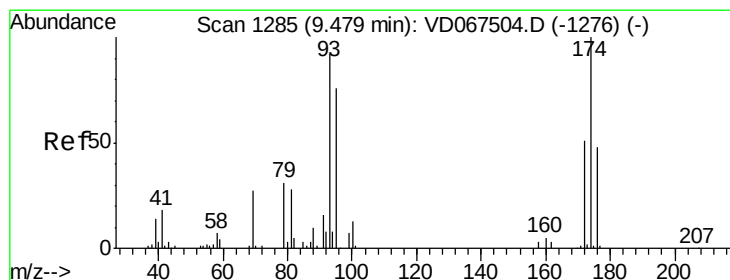
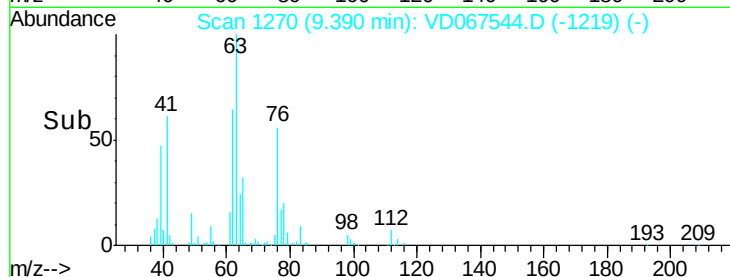
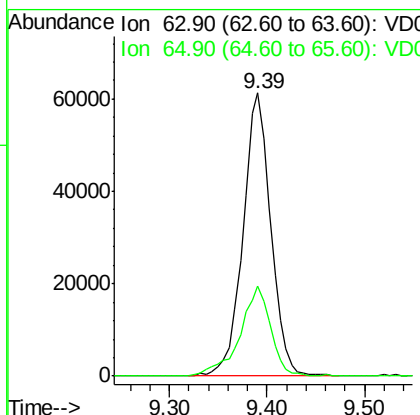
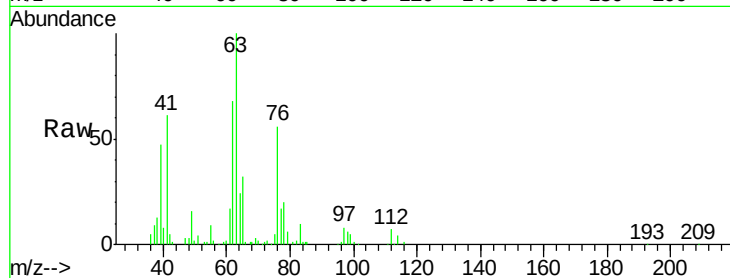
#45
 1,2-Dichloropropane
 Concen: 51.767 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.9	40.3

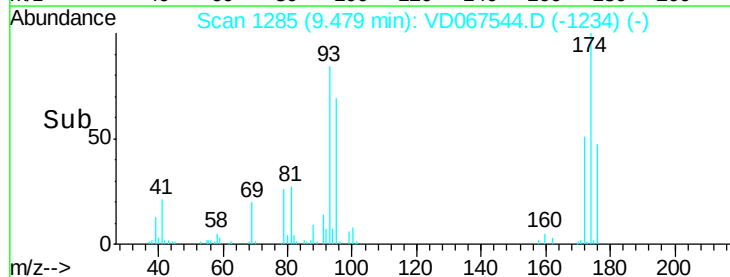
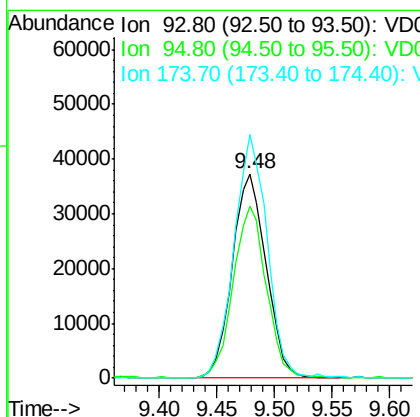
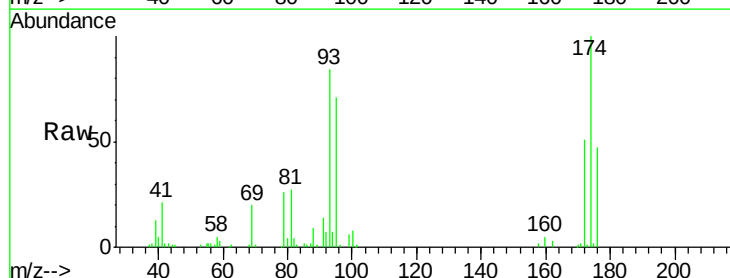
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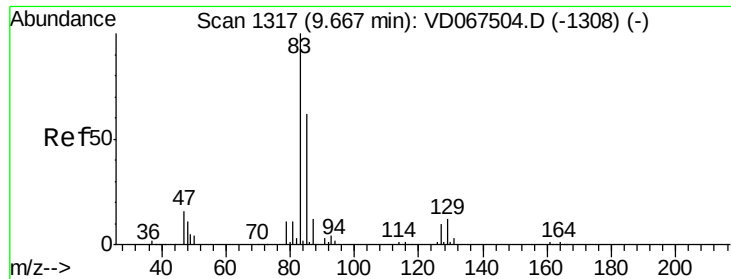
MMDadoda
 11/9/2020 10:13:17 AM



#46
 Dibromomethane
 Concen: 50.847 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.4	99.6
174	116.9	88.2	132.4





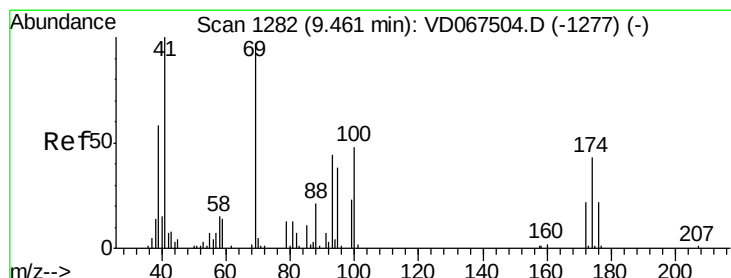
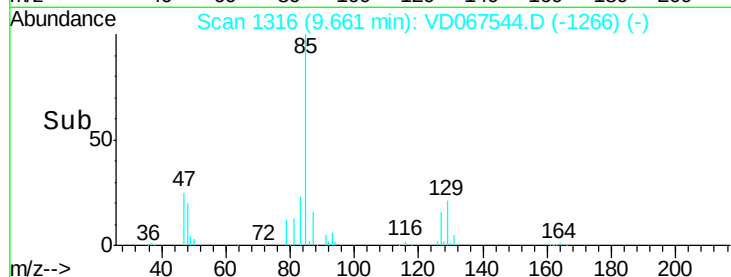
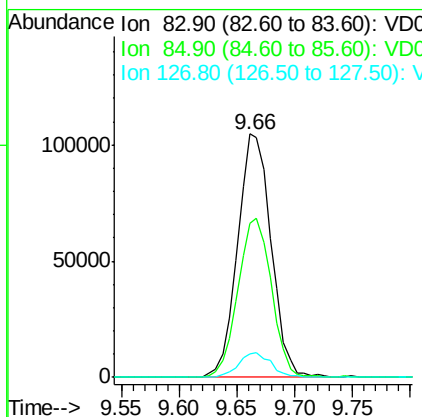
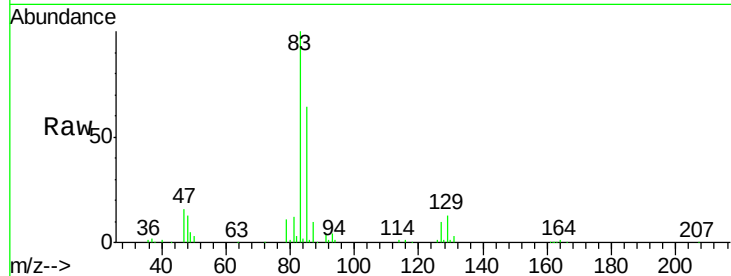
#47
Bromodichloromethane
Concen: 52.085 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	210988		
85	63.5	49.4	74.2	
127	9.9	7.7	11.5	

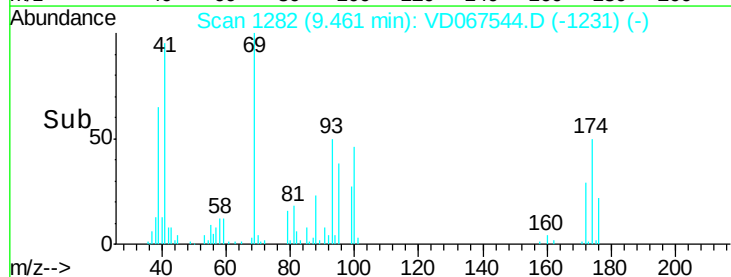
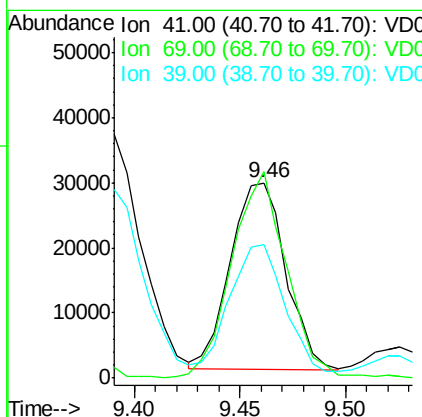
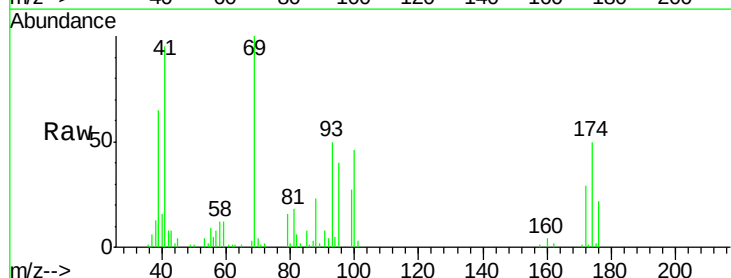
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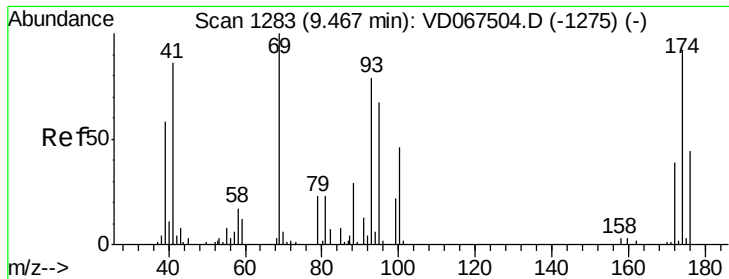
MMDadoda
11/9/2020 10:13:17 AM



#48
Methyl methacrylate
Concen: 49.078 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	52074		
69	110.3	80.6	121.0	
39	66.1	50.2	75.4	





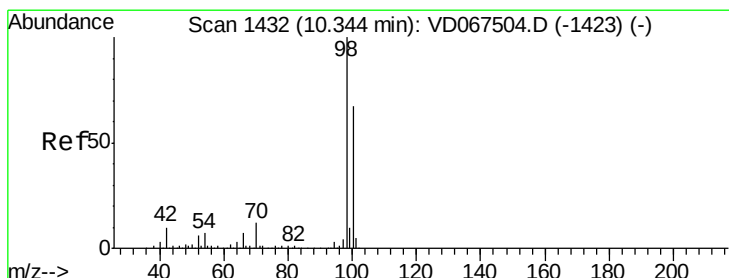
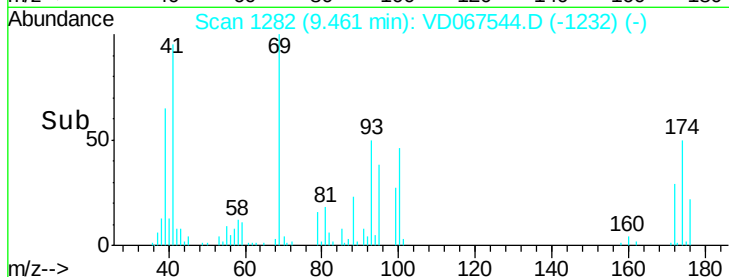
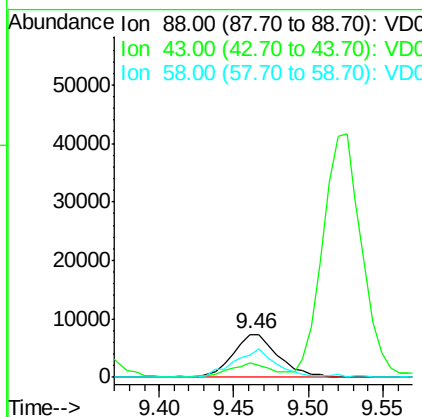
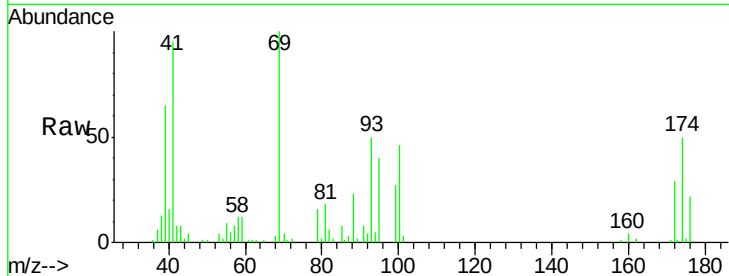
#49
1,4-Dioxane
Concen: 1011.241 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.6	35.4
58	60.9	44.7	67.1

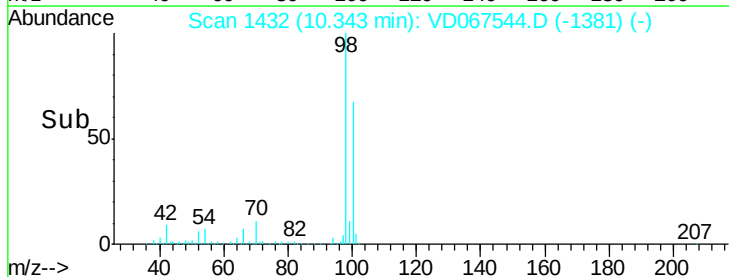
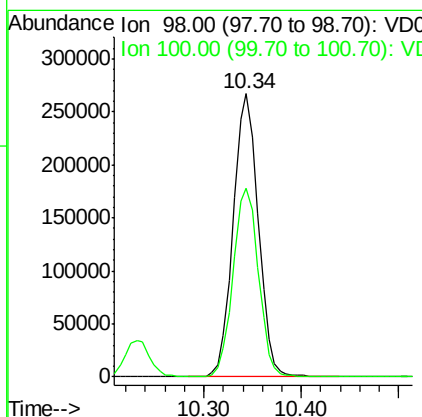
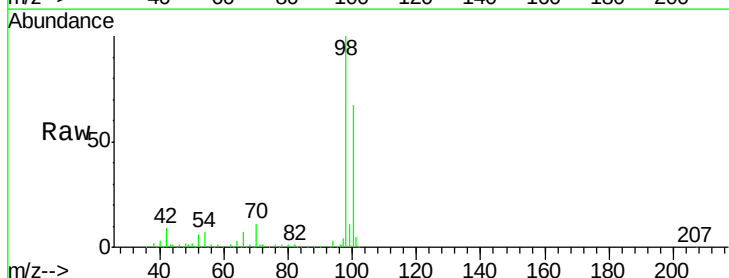
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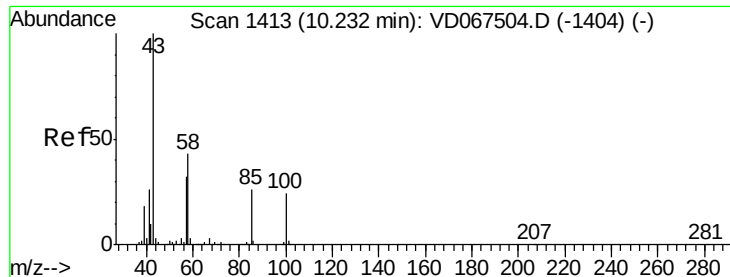
MMDadoda
11/9/2020 10:13:17 AM



#50
Toluene-d8
Concen: 48.196 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.6





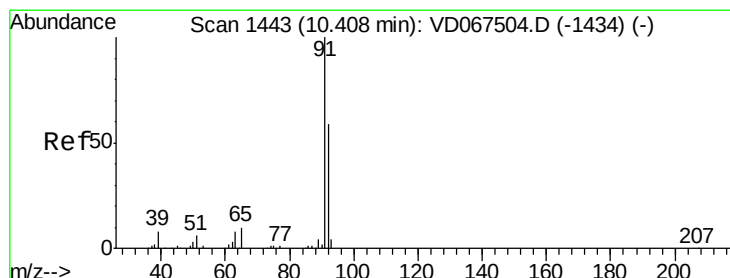
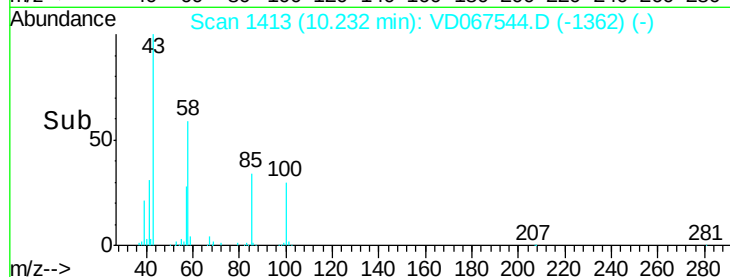
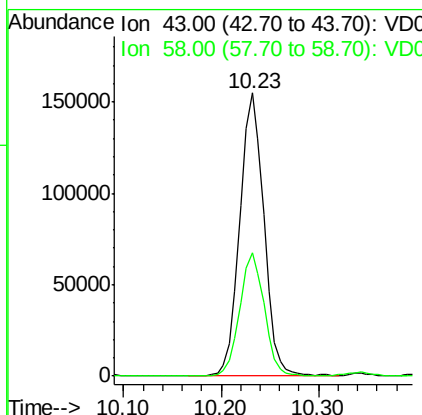
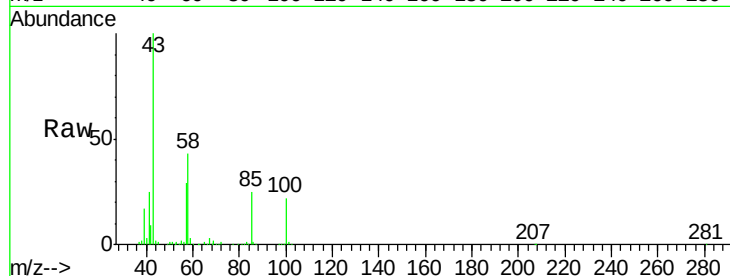
#51
 4-Methyl-2-Pentanone
 Concen: 272.771 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 268082
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.6 53.4

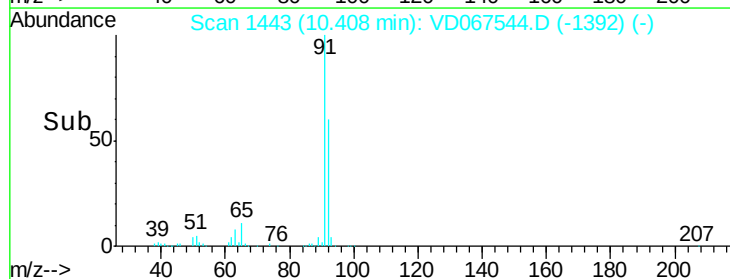
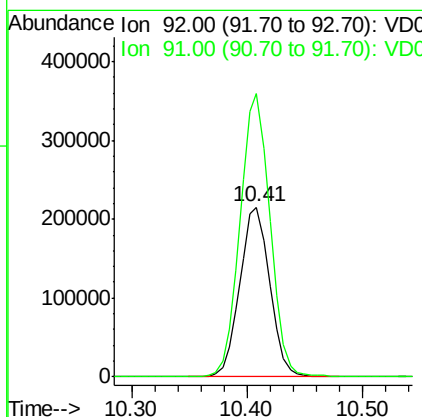
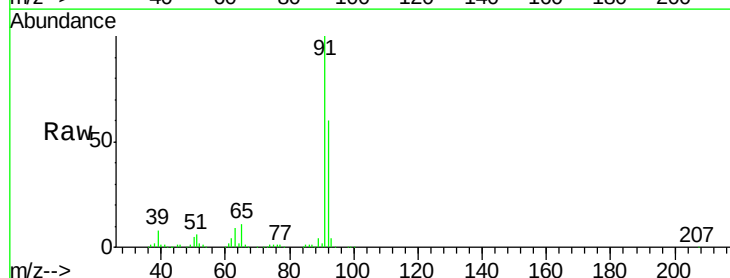
Manual Integrations
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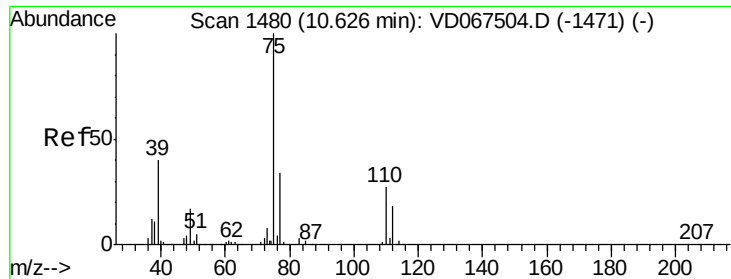
MMDadoda
 11/9/2020 10:13:17 AM



#52
 Toluene
 Concen: 53.528 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion: 92 Resp: 388700
 Ion Ratio Lower Upper
 92 100
 91 167.0 137.0 205.6





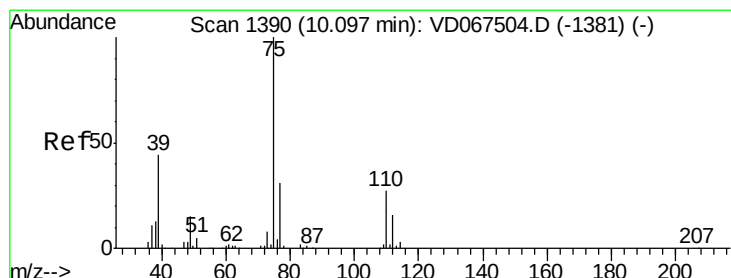
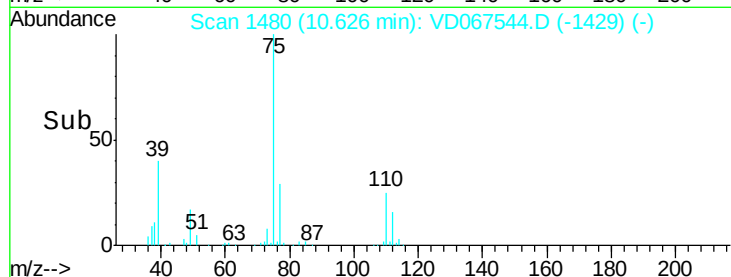
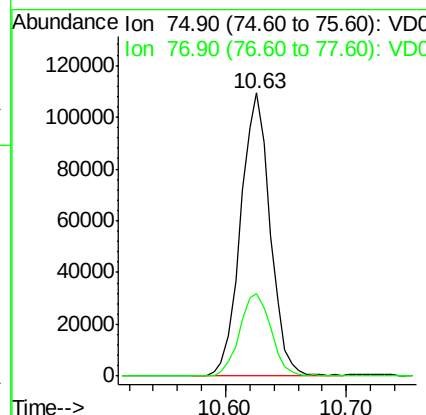
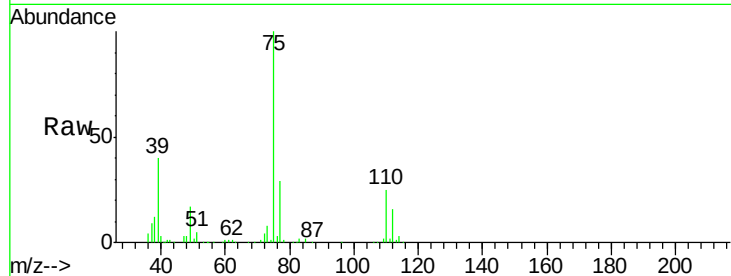
#53
 t-1,3-Dichloropropene
 Concen: 53.862 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 186869
 Ion Ratio Lower Upper
 75 100
 77 29.2 27.0 40.6

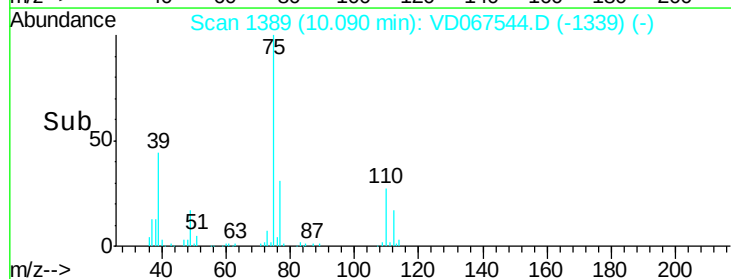
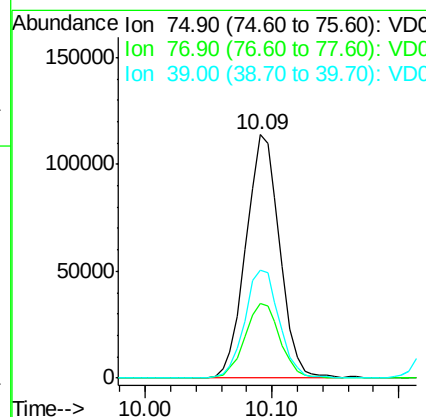
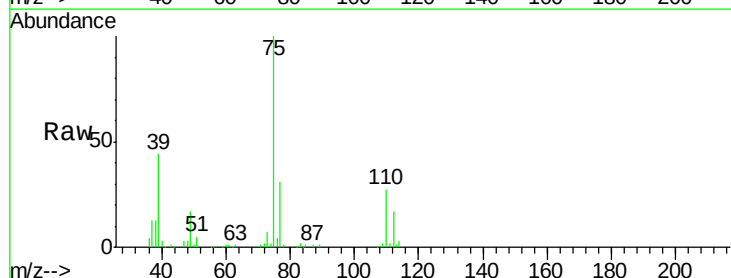
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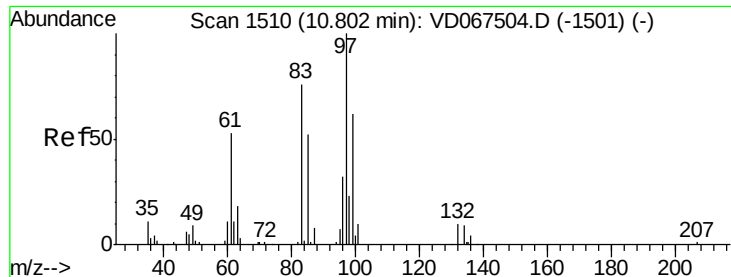
MMDadoda
 11/9/2020 10:13:17 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.216 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion: 75 Resp: 211115
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.4 36.6
 39 44.1 35.6 53.4





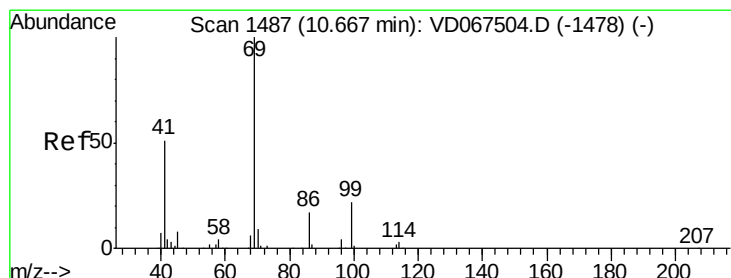
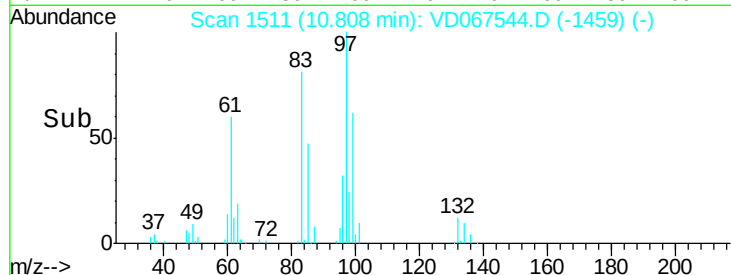
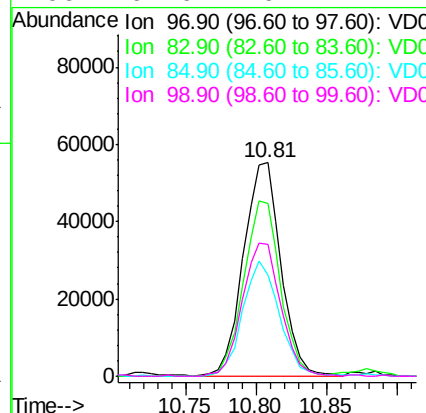
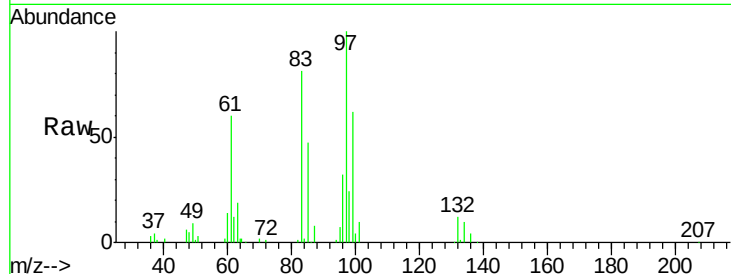
#55
 1,1,2-Trichloroethane
 Concen: 52.186 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	102908
Ion	Ratio	Lower	Upper
97	100		
83	81.0	61.0	91.6
85	47.1	41.5	62.3
99	61.6	49.4	74.2

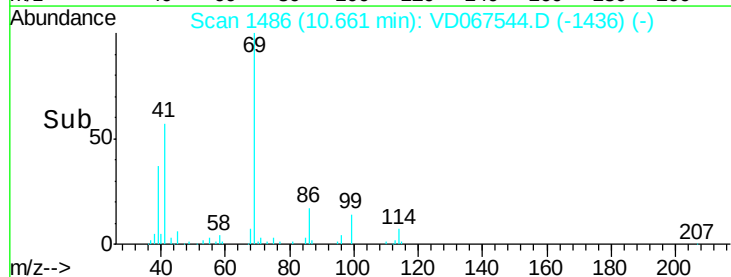
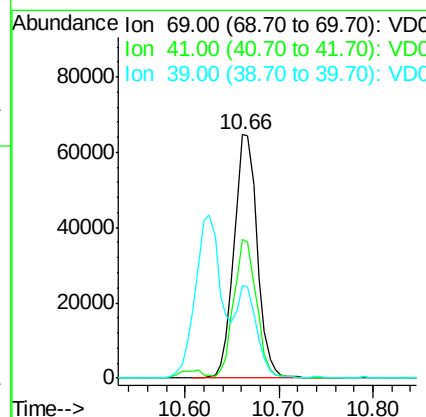
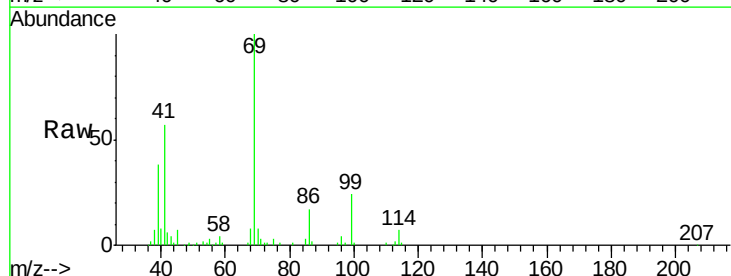
Manual Integrations
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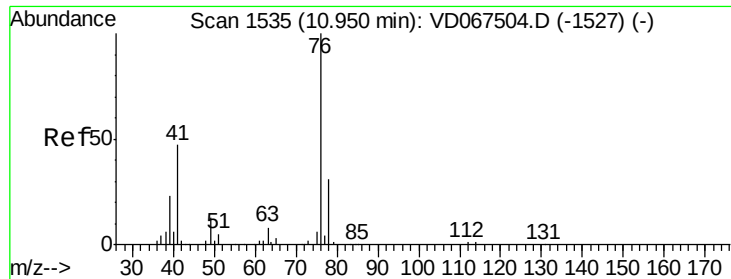
MMDadoda
 11/9/2020 10:13:17 AM



#56
 Ethyl methacrylate
 Concen: 54.899 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	69	Resp	111794
Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.4	68.0
39	32.3	27.4	41.0





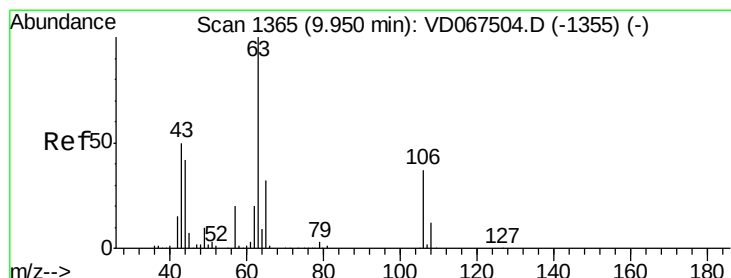
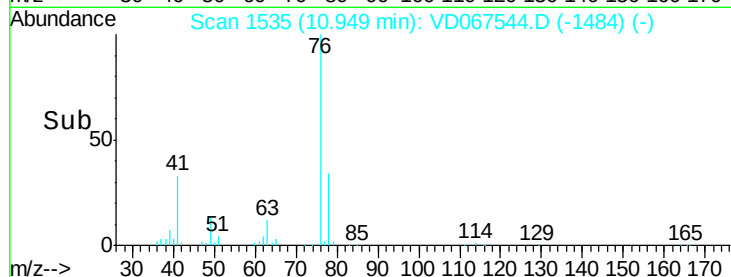
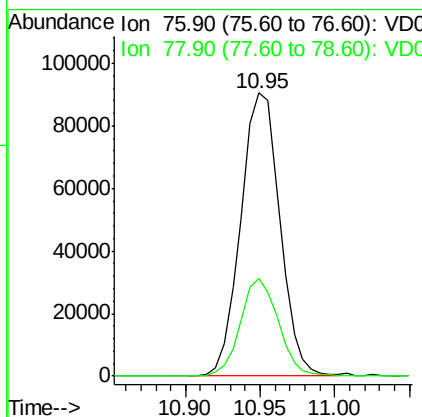
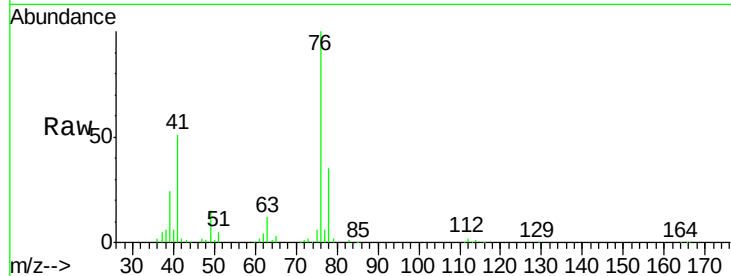
#57
 1,3-Dichloropropane
 Concen: 51.843 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 164509
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.1 39.1

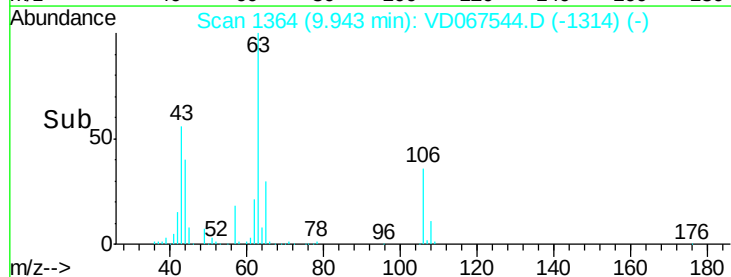
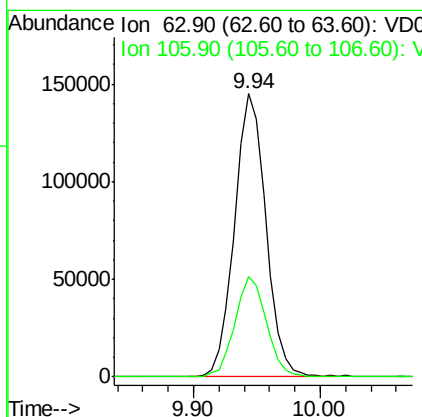
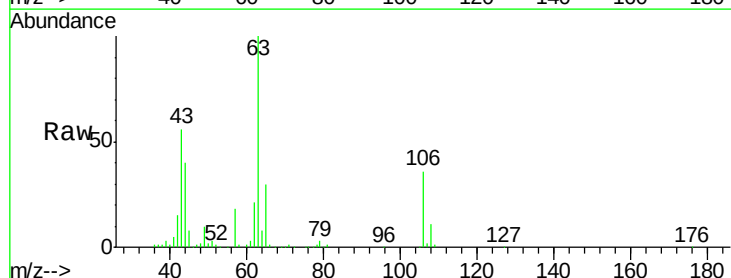
Manual Integrations
 APPROVED

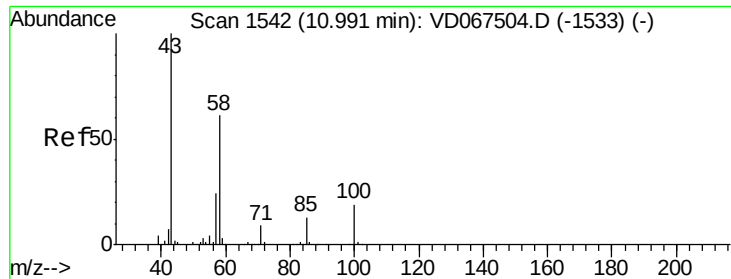
MMDadoda
 11/9/2020 10:13:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.776 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion: 63 Resp: 248589
 Ion Ratio Lower Upper
 63 100
 106 35.8 29.2 43.8





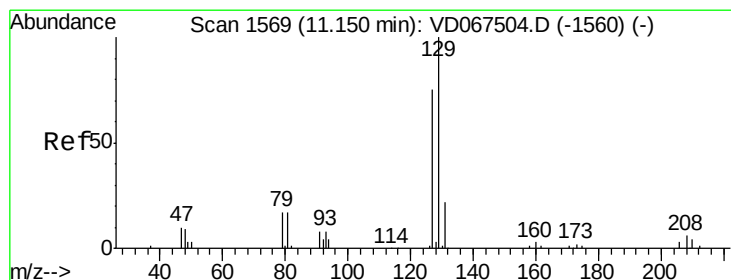
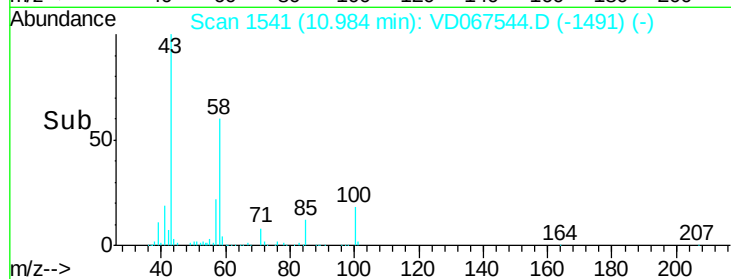
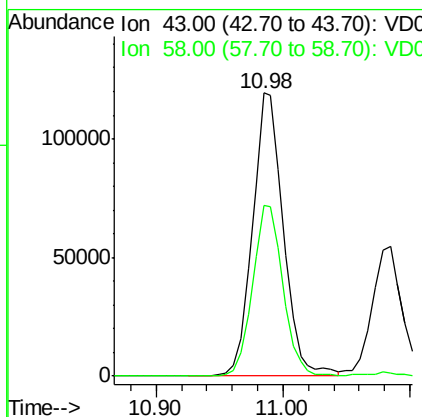
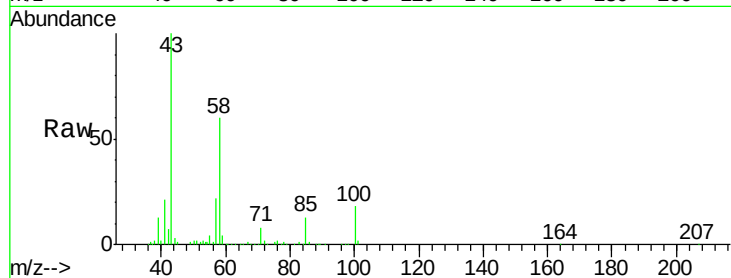
#59
2-Hexanone
Concen: 294.196 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.3	30.3	90.9

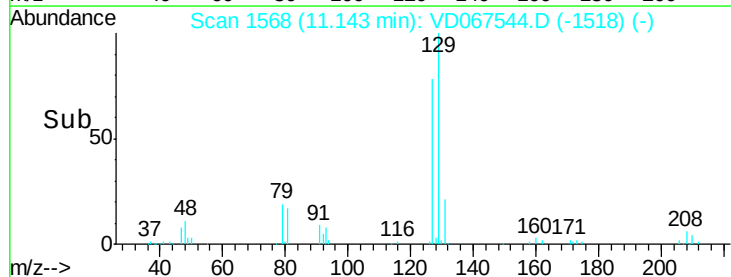
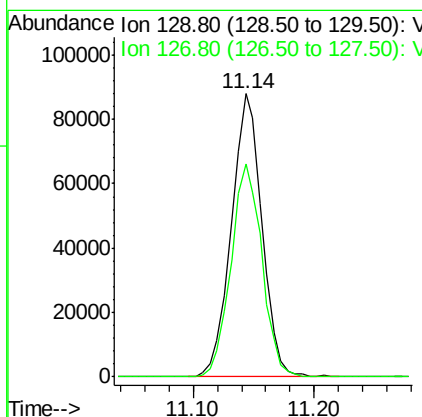
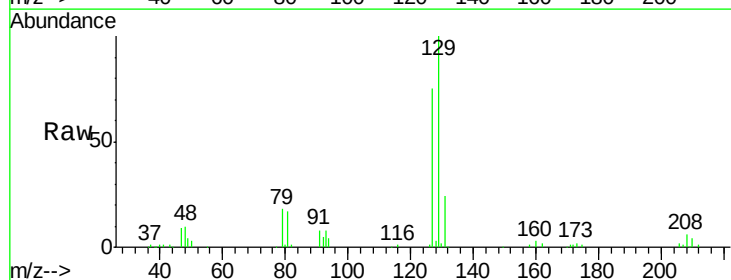
Manual Integrations
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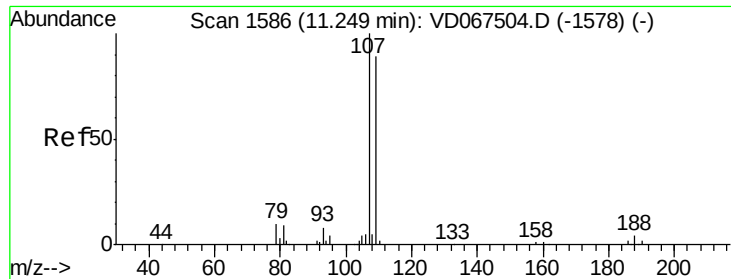
MMDadoda
11/9/2020 10:13:17 AM



#60
Dibromochloromethane
Concen: 53.098 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.0	114.1





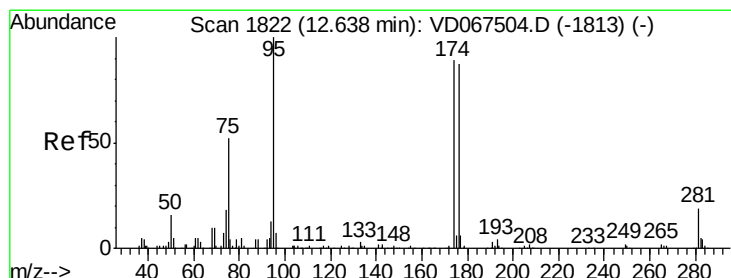
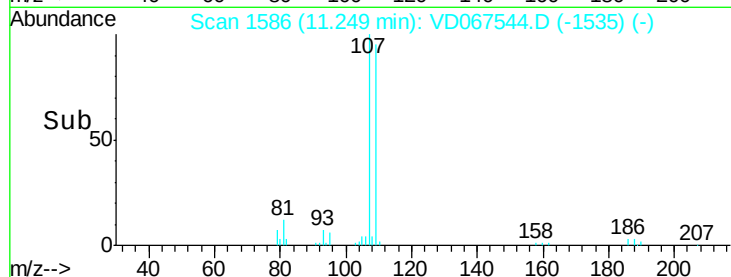
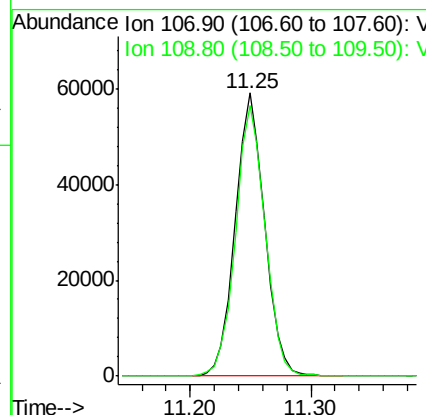
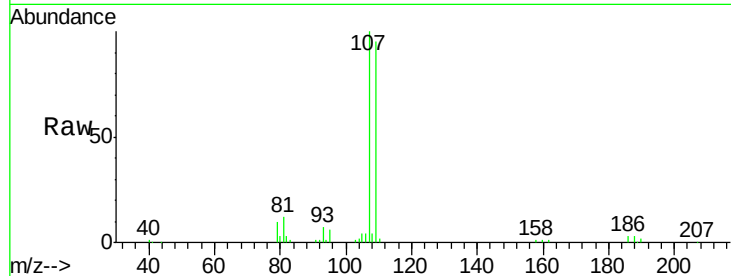
#61
 1,2-Dibromoethane
 Concen: 50.666 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.6	111.8

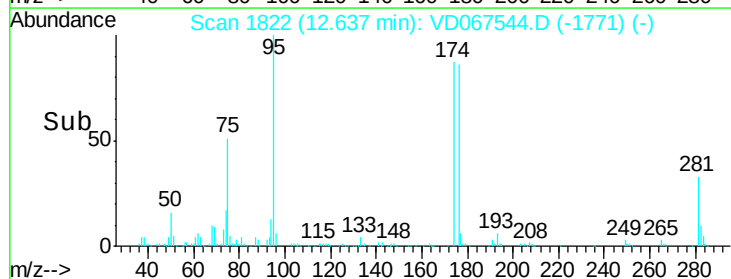
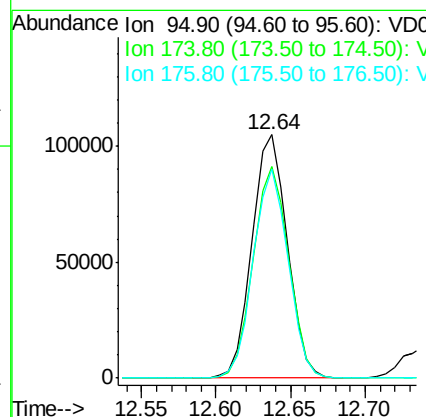
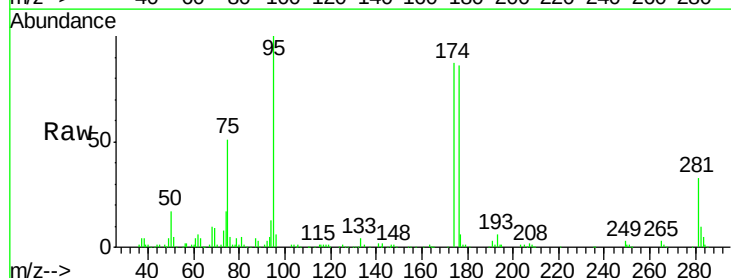
Manual Integrations
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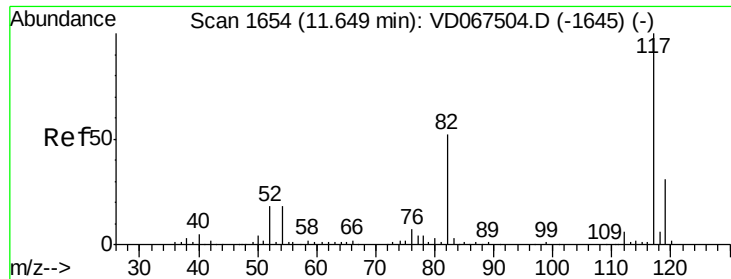
MMDadoda
 11/9/2020 10:13:17 AM



#62
 4-Bromofluorobenzene
 Concen: 50.119 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	177.8
176	84.9	0.0	172.0





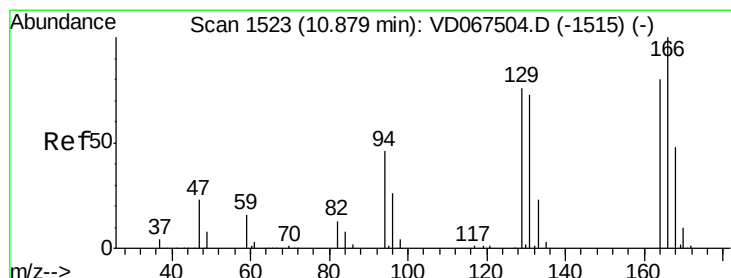
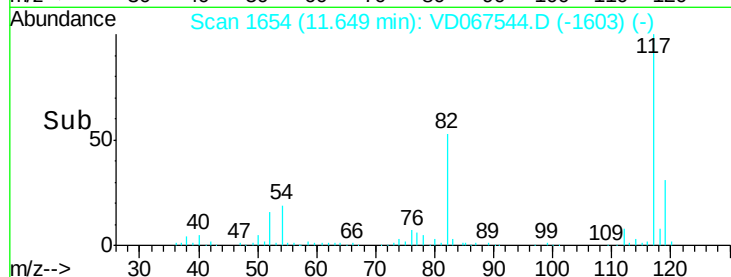
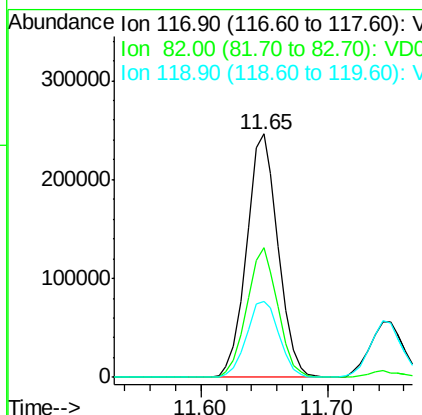
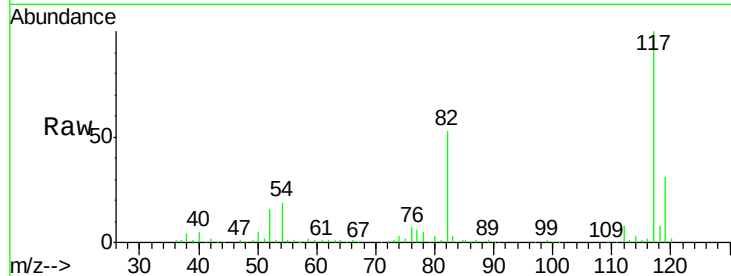
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.6	62.4
119	31.3	25.1	37.7

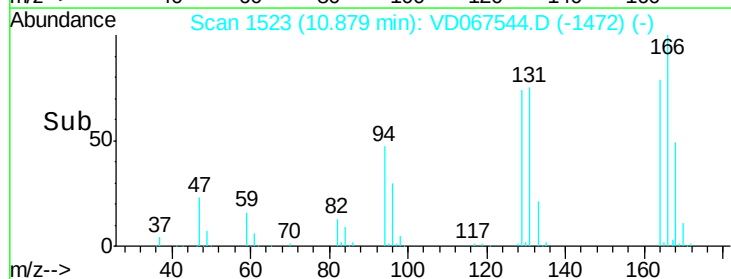
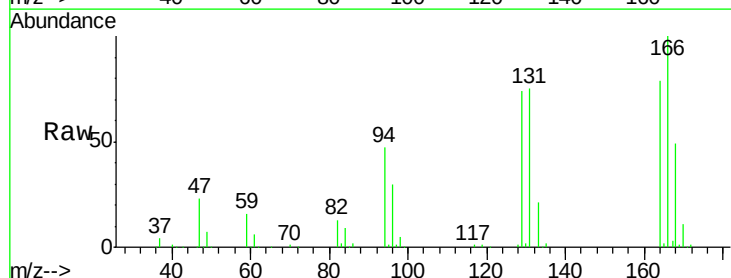
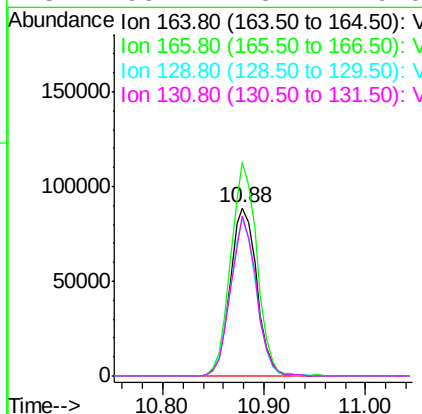
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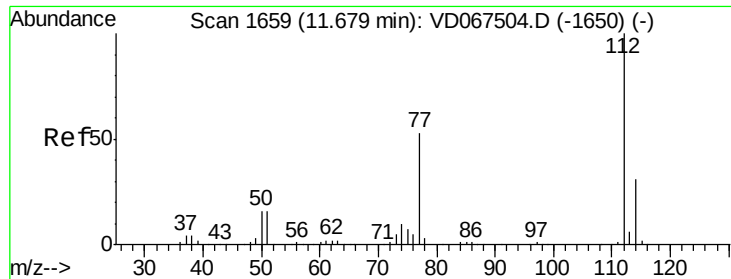
MMDadoda
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#64
Tetrachloroethene
Concen: 51.369 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	99.9	149.9
129	94.0	75.5	113.3
131	95.2	73.4	110.0





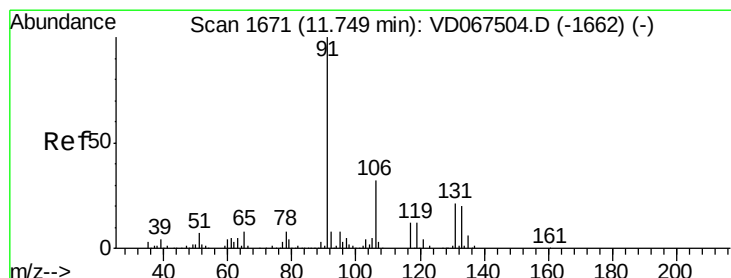
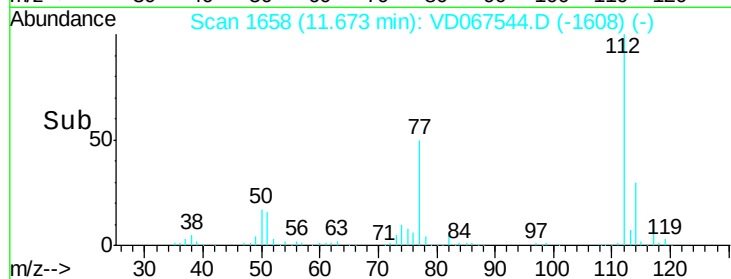
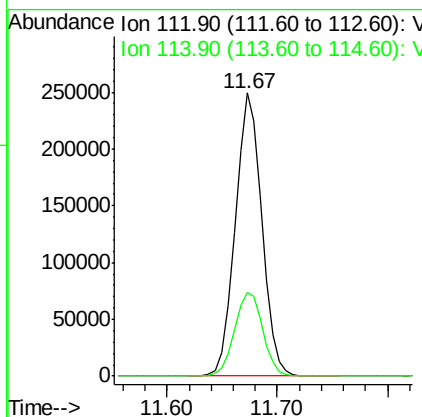
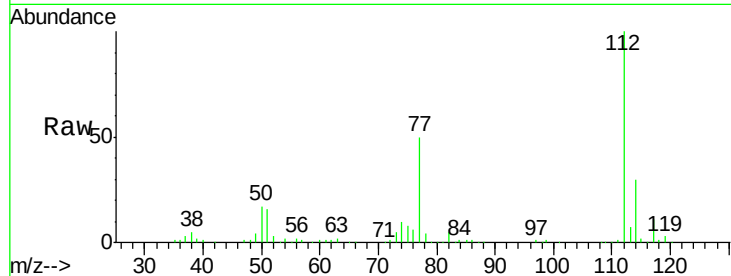
#65
Chlorobenzene
Concen: 51.440 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 420755
Ion Ratio Lower Upper
112 100
114 29.6 24.9 37.3

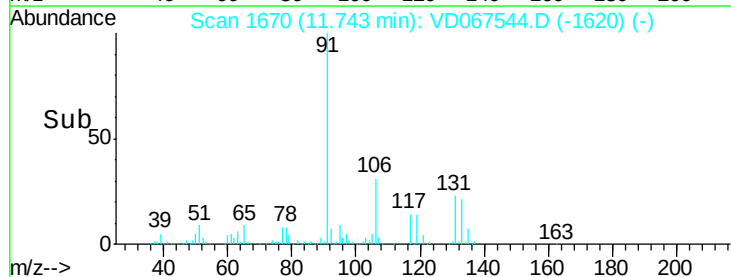
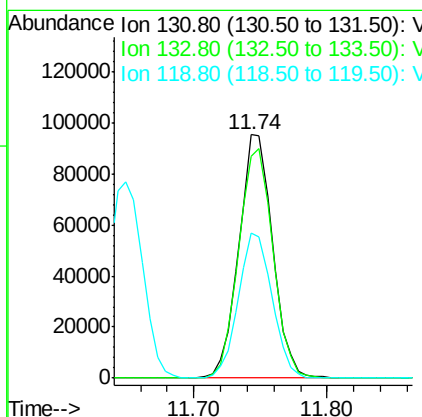
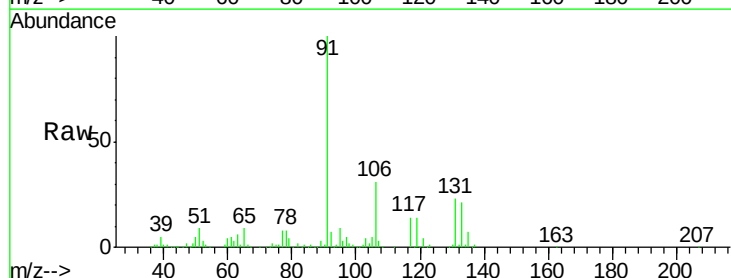
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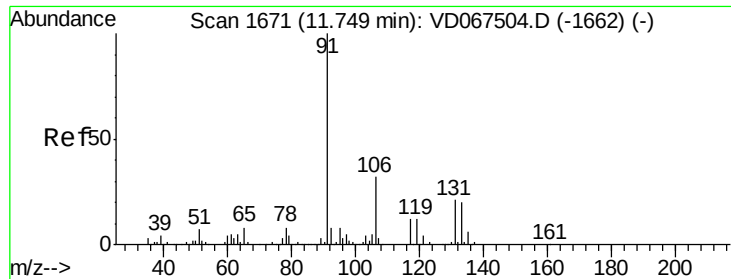
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.676 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion:131 Resp: 166595
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 60.0 30.1 90.5





#67

Ethyl Benzene

Concen: 52.681 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 737371

Ion Ratio Lower Upper

91 100

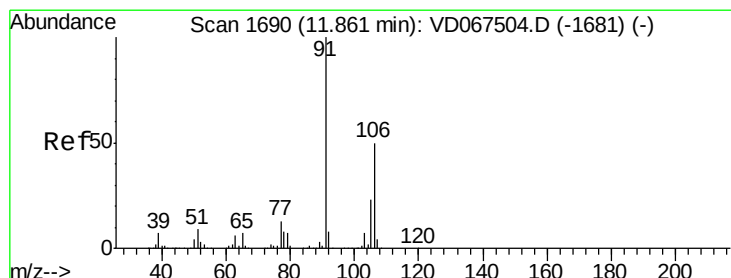
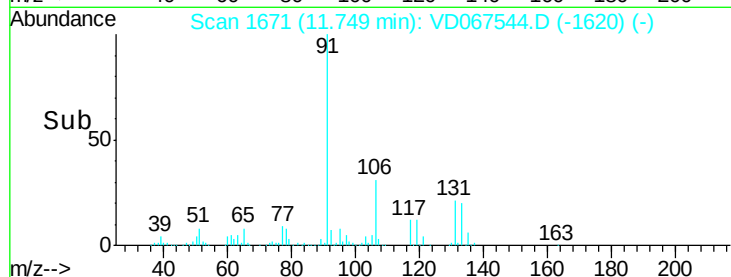
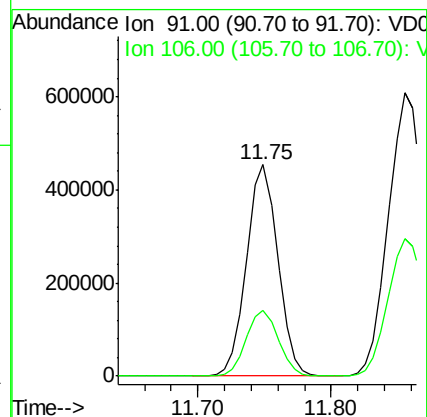
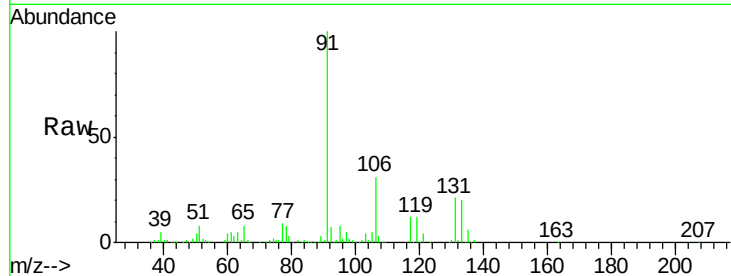
106 31.0 25.7 38.5

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#68

m/p-Xylenes

Concen: 105.051 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067544.D

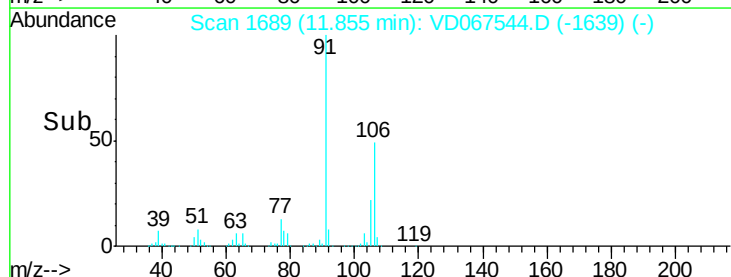
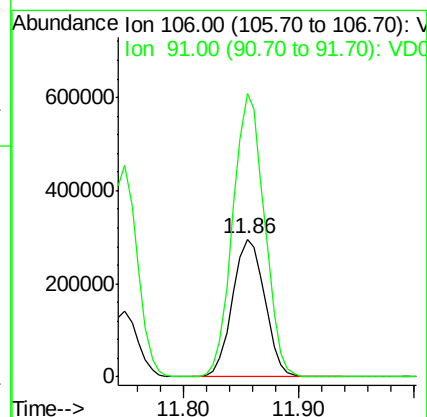
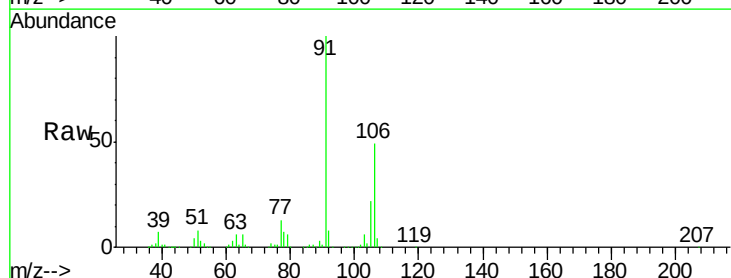
Acq: 06 Nov 2020 09:41

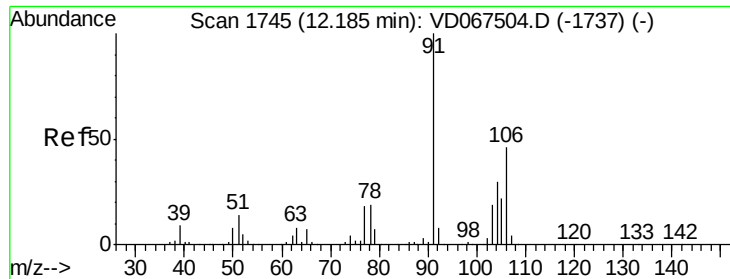
Tgt Ion: 106 Resp: 572043

Ion Ratio Lower Upper

106 100

91 202.1 162.6 244.0





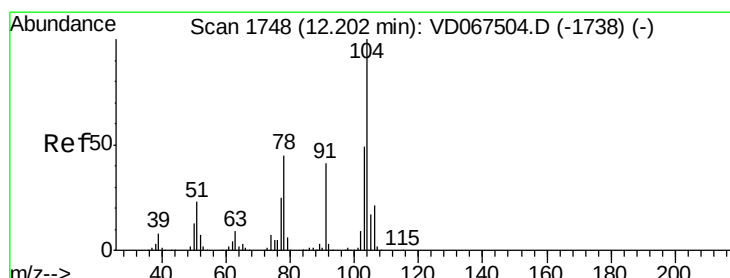
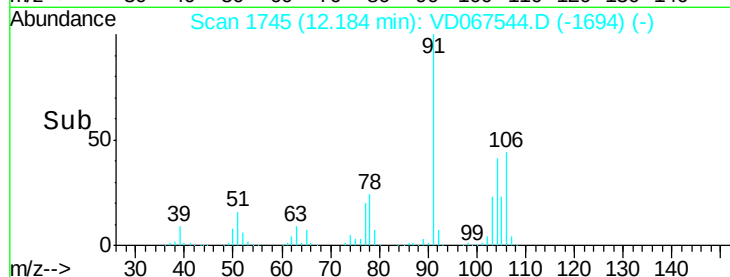
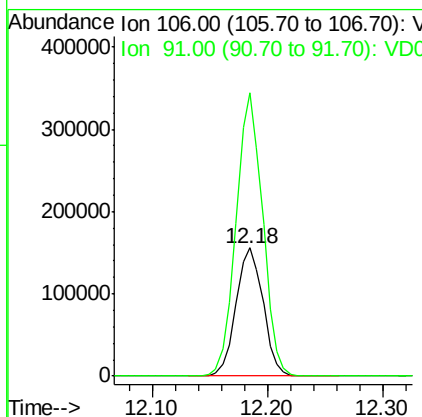
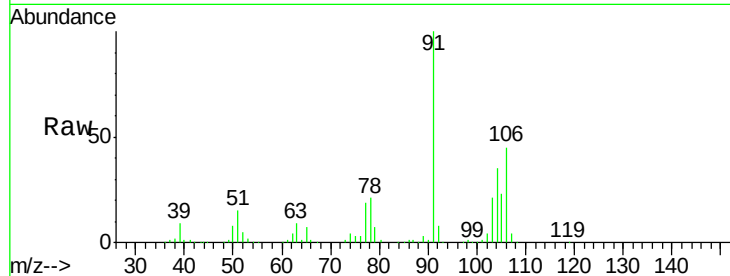
#69
o-Xylene
Concen: 52.100 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.3	107.1	321.1

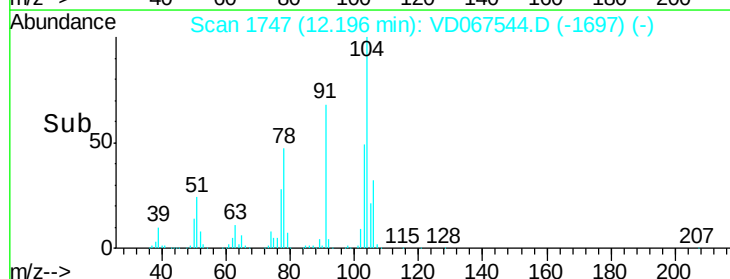
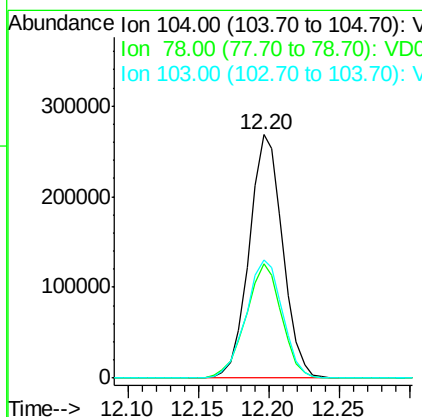
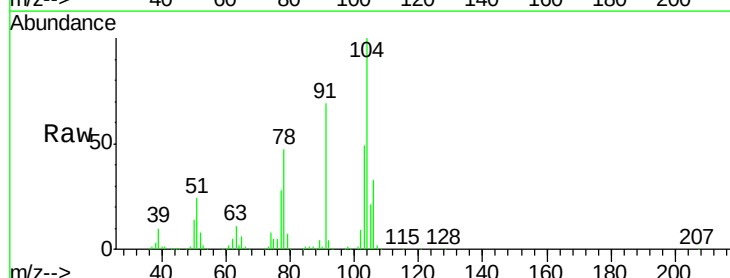
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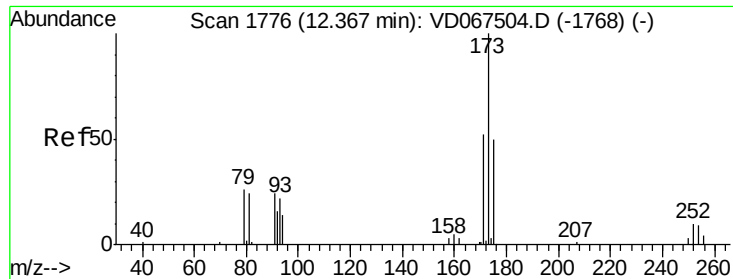
MMDadoda
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#70
Styrene
Concen: 52.711 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.8	59.8
103	53.4	43.9	65.9





#71

Bromoform

Concen: 53.408 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 87812

Ion Ratio Lower Upper

173 100

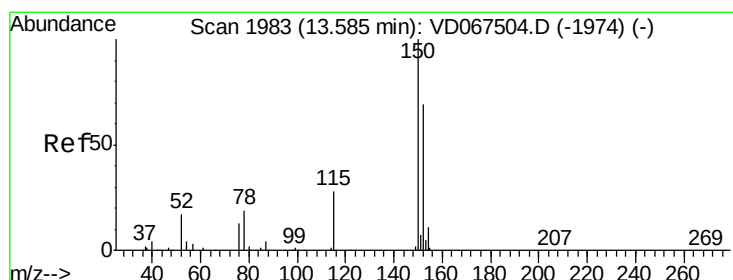
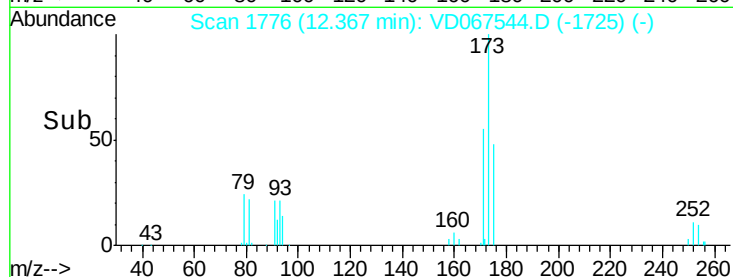
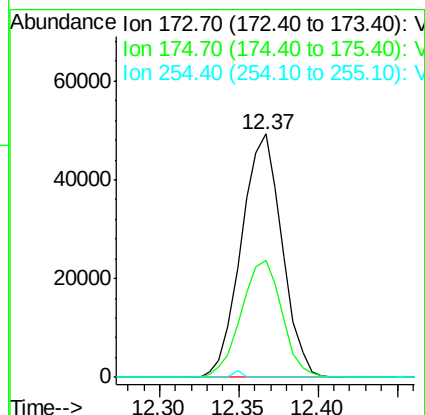
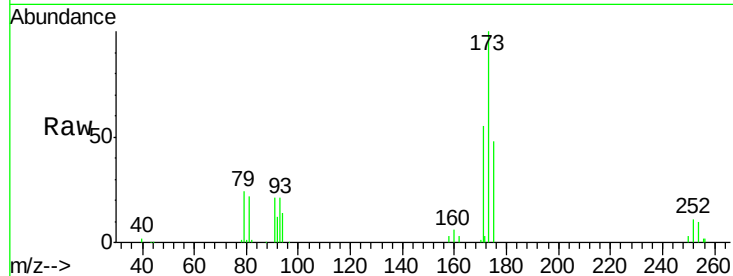
175 48.1 24.1 72.2

254 0.5 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

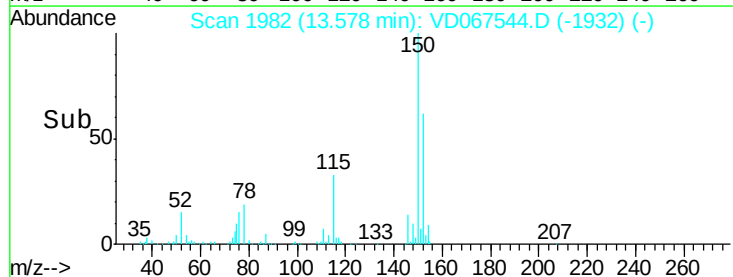
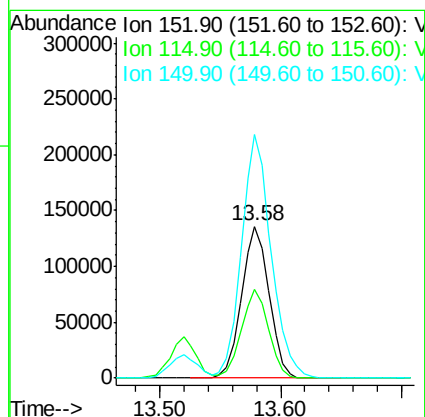
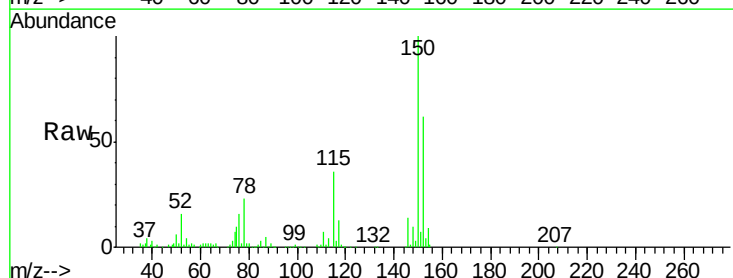
Tgt Ion:152 Resp: 215183

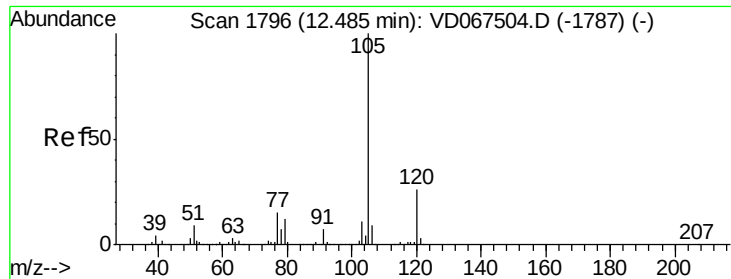
Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

150 172.9 0.0 338.2





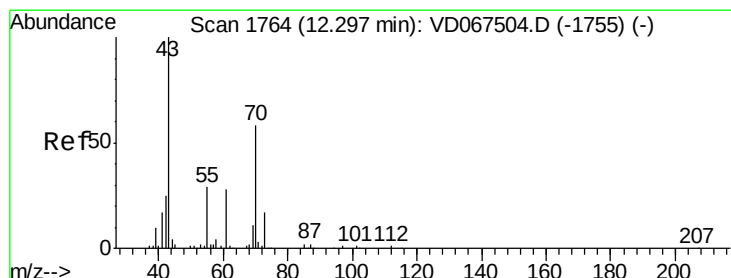
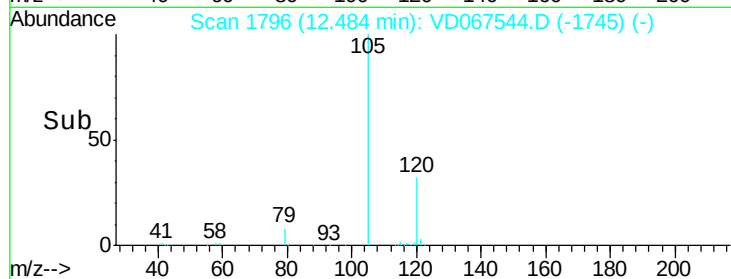
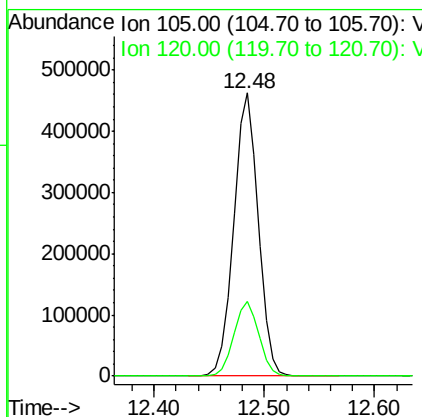
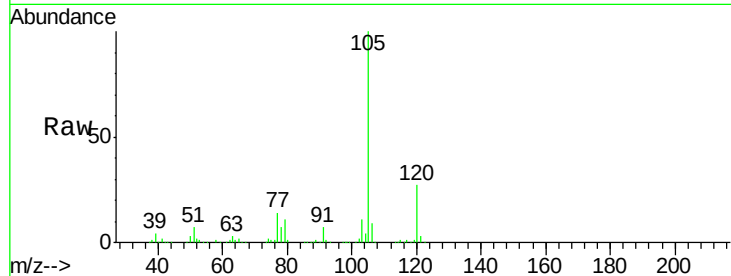
#73
Isopropylbenzene
Concen: 51.790 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.2	39.6

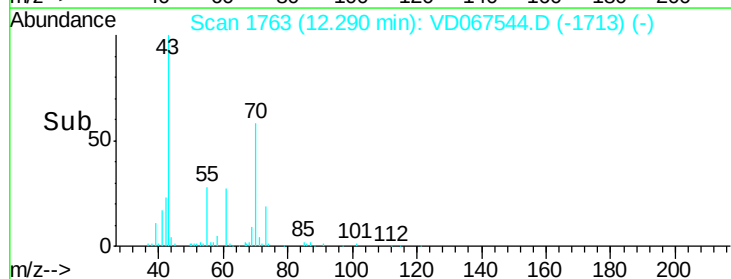
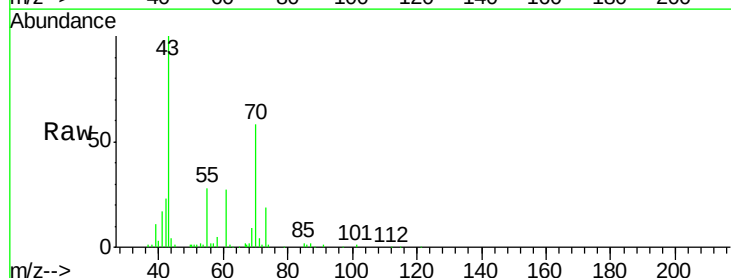
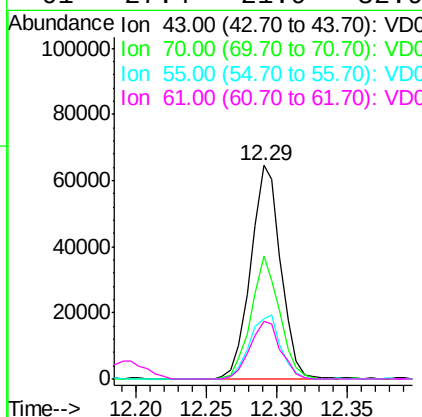
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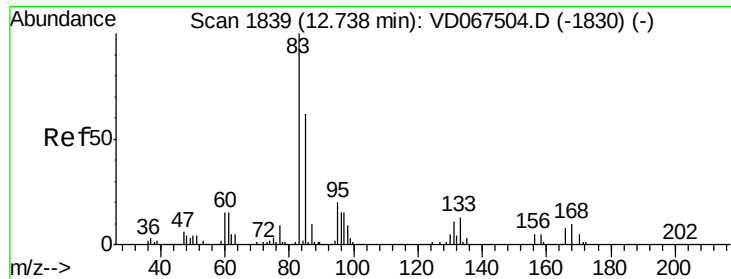
MMDadoda
11/9/2020 10:13:17 AM



#74
N-ethyl acetate
Concen: 52.891 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
70	54.5	42.6	64.0
55	30.8	23.7	35.5
61	27.4	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.779 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

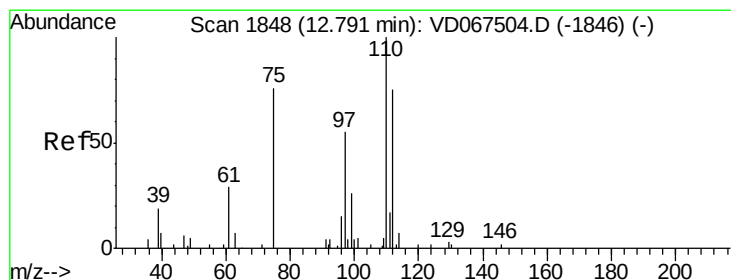
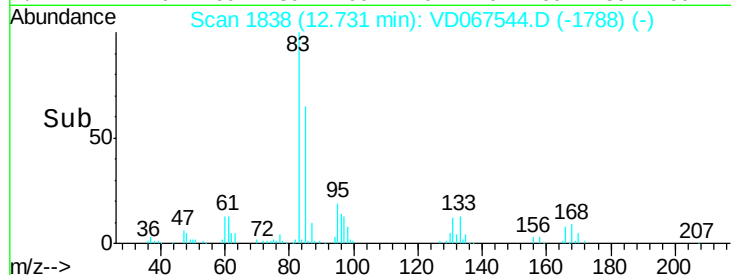
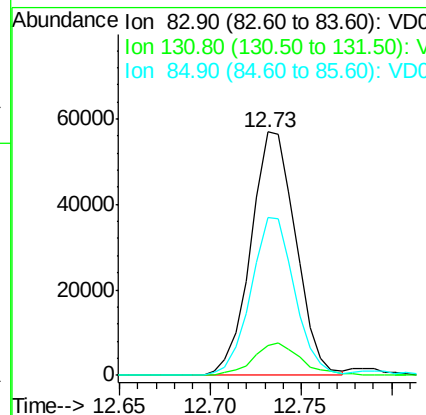
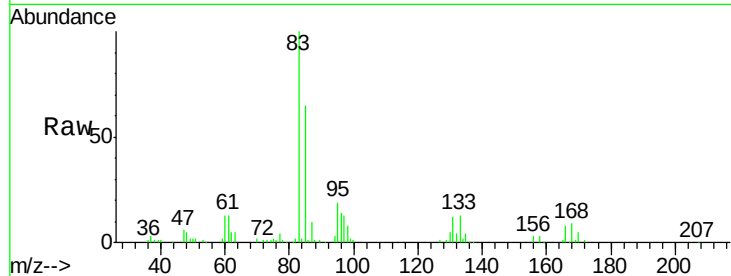
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	98192
Ion Ratio	Lower	Upper	
83	100		
131	14.1	7.1	21.3
85	63.1	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 44.963 ug/l m

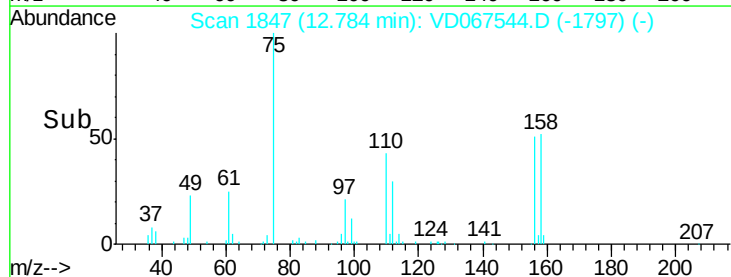
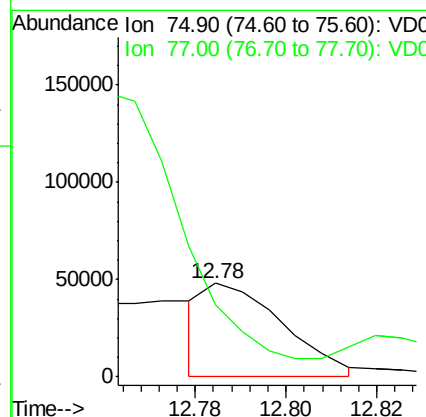
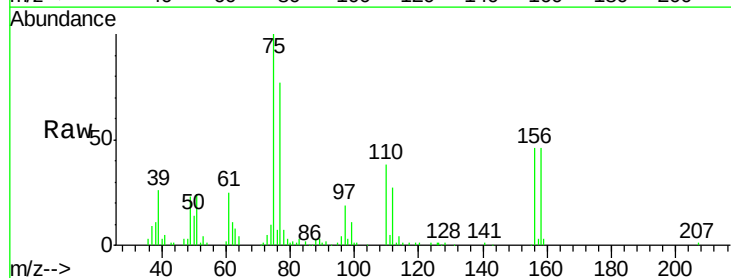
RT: 12.78 min Scan# 1847

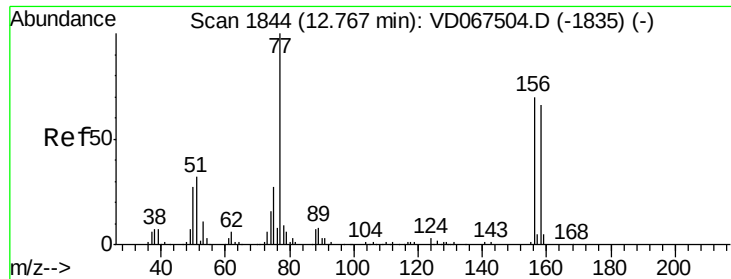
Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion:	75	Resp:	58367
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.474 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

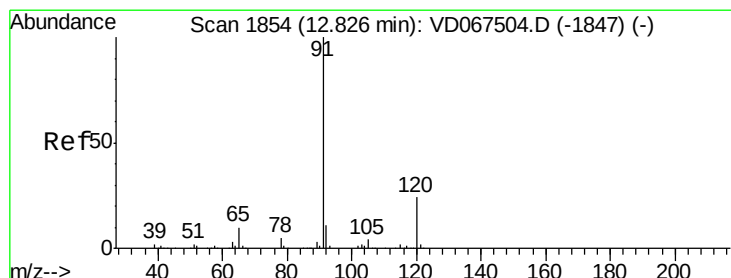
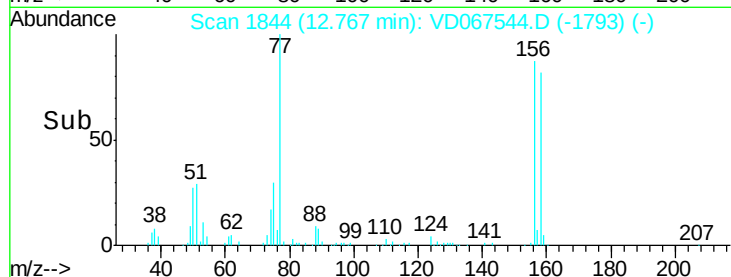
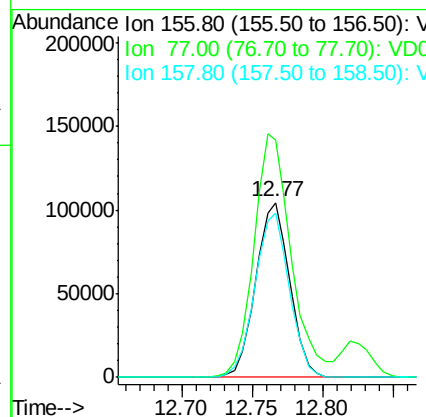
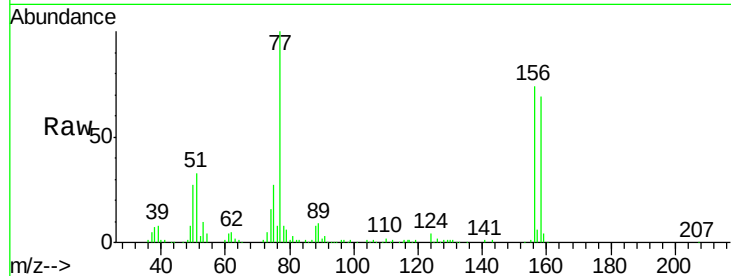
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	175802
Ion Ratio	Lower	Upper	
156	100		
77	152.3	77.8	233.5
158	95.9	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 51.423 ug/l

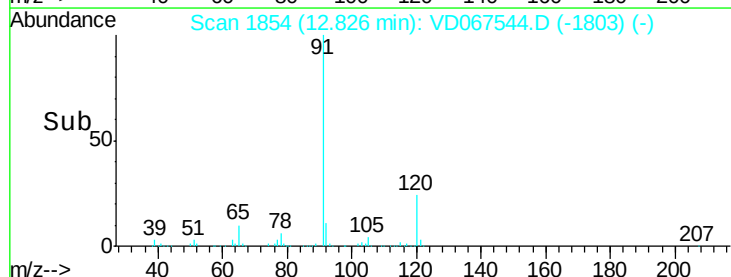
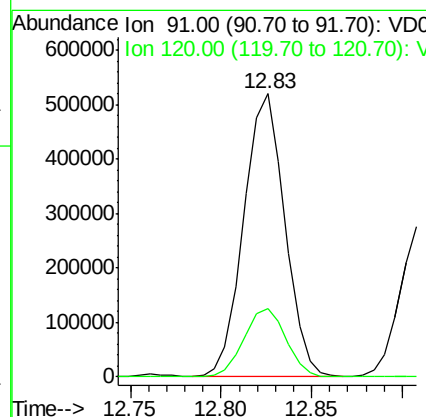
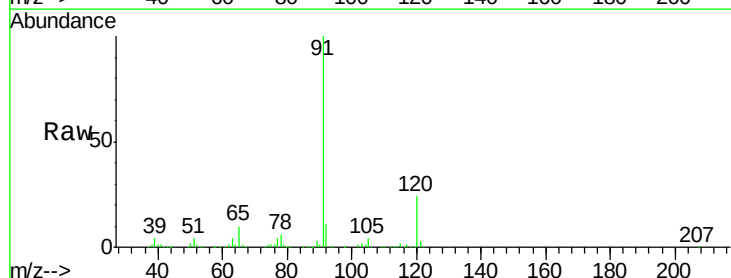
RT: 12.83 min Scan# 1854

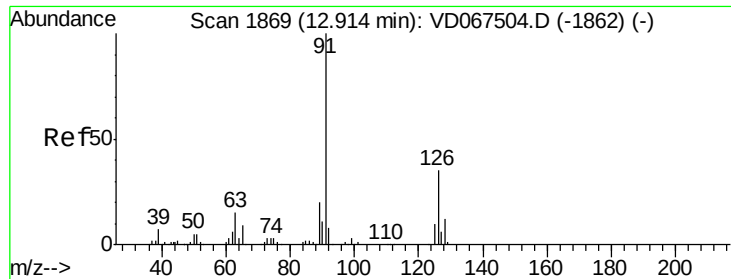
Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion:	91	Resp:	817991
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.2	36.4





#79

2-Chlorotoluene

Concen: 52.015 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 470010

Ion Ratio Lower Upper

91 100

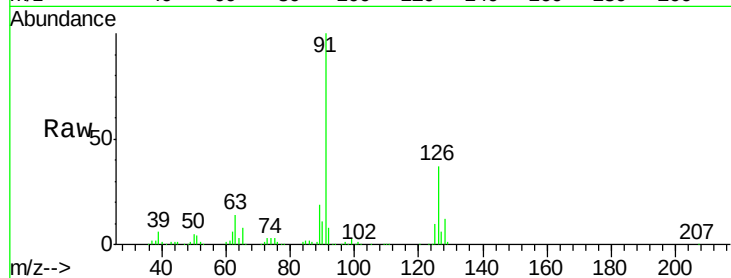
126 35.4 17.8 53.4

Manual Integrations

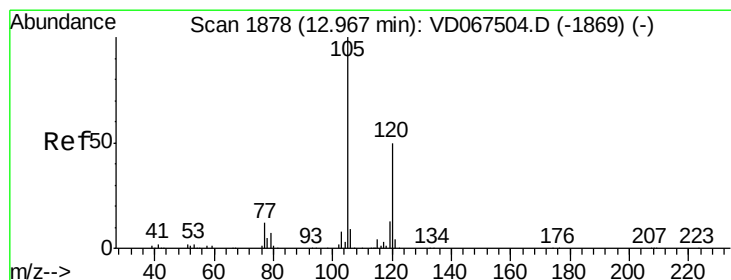
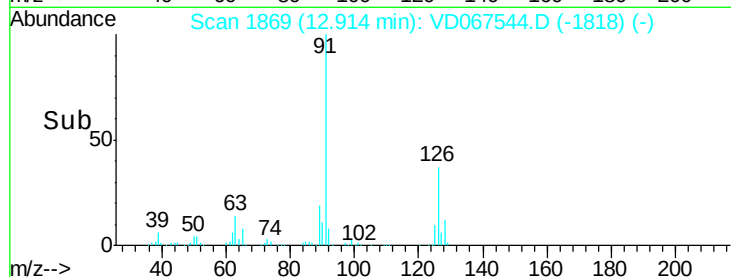
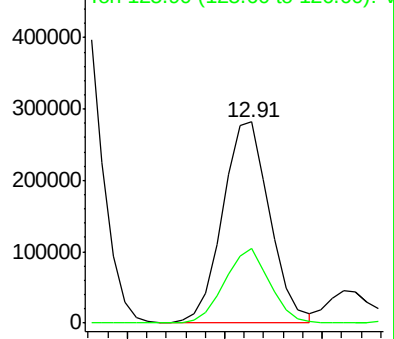
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.511 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067544.D

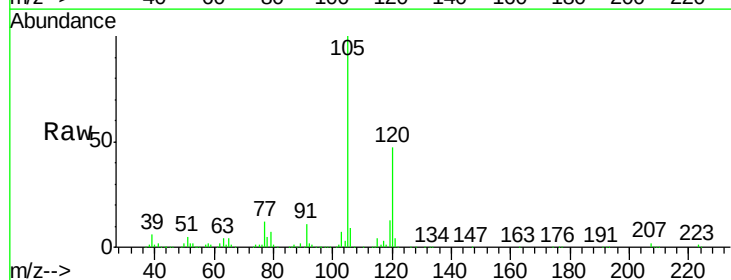
Acq: 06 Nov 2020 09:41

Tgt Ion: 105 Resp: 623824

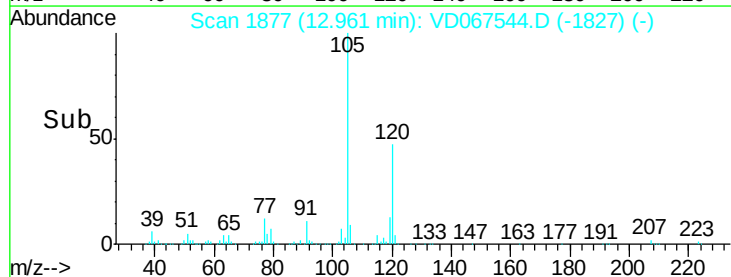
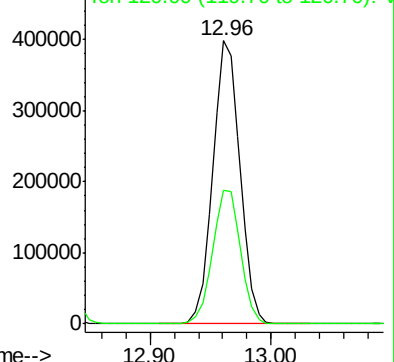
Ion Ratio Lower Upper

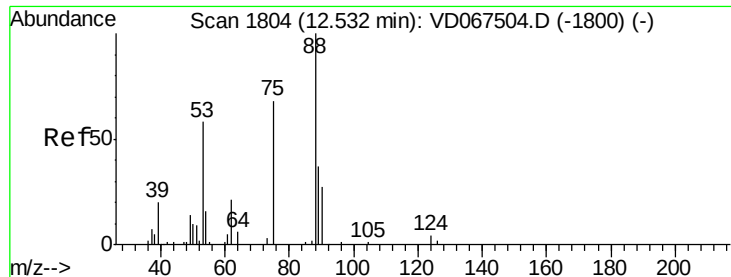
105 100

120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





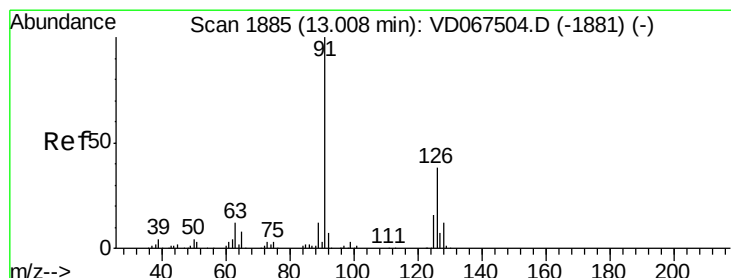
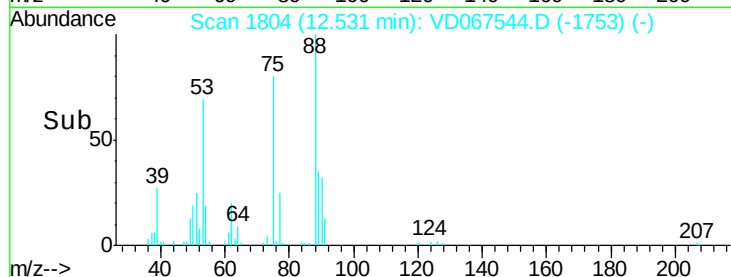
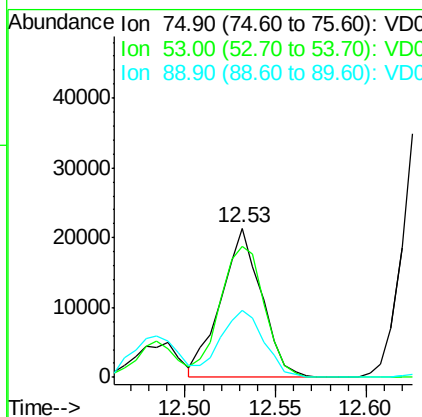
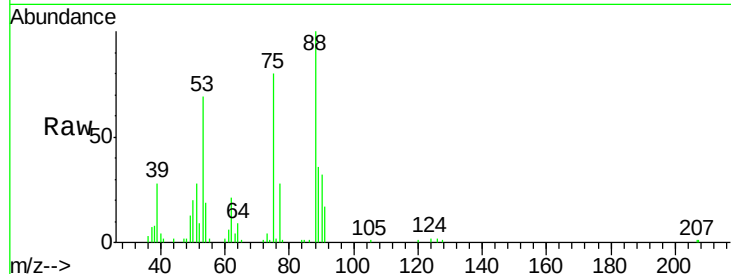
#81
trans-1,4-Dichloro-2-butene
Concen: 51.991 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	75.9	113.9
89	46.9	44.6	67.0

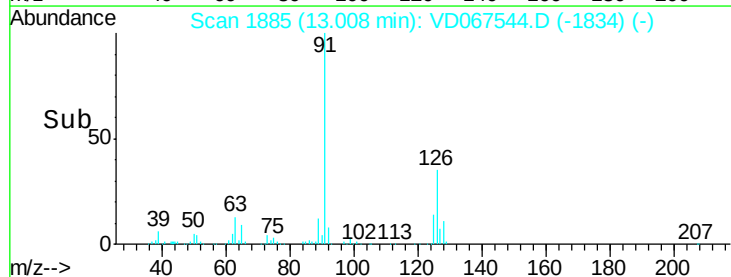
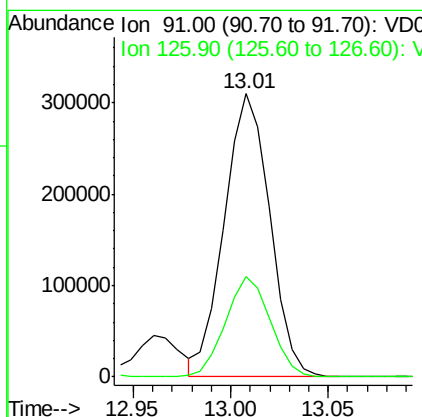
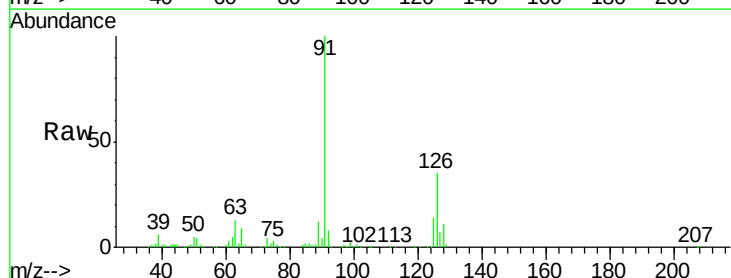
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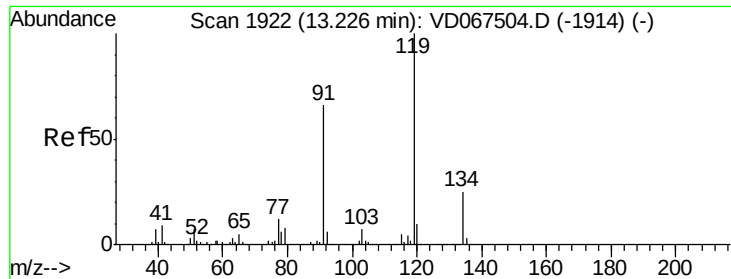
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#82
4-Chlorotoluene
Concen: 51.624 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.9	53.7





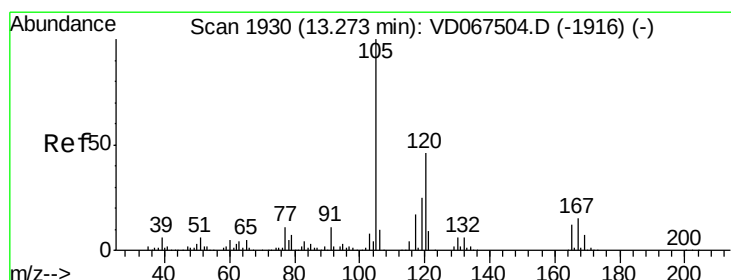
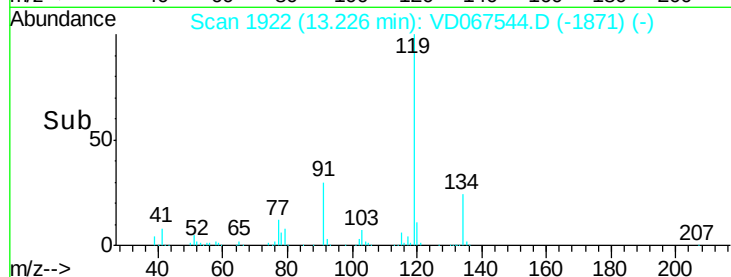
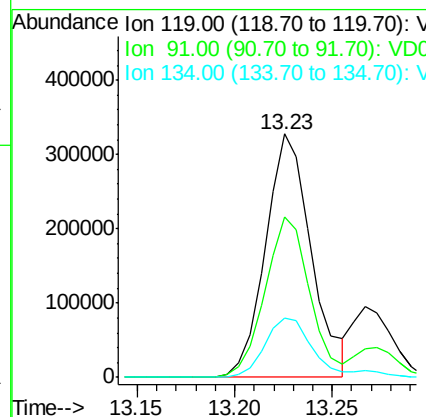
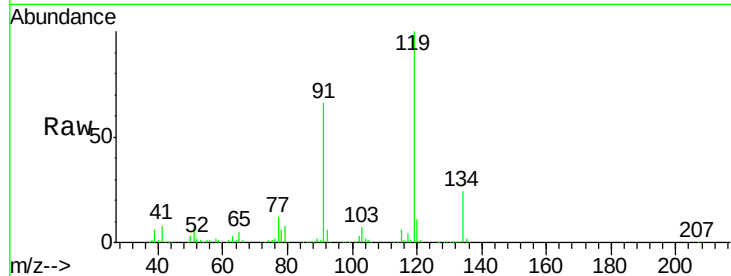
#83
tert-Butylbenzene
Concen: 52.891 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.7	98.1
134	26.6	13.4	40.2

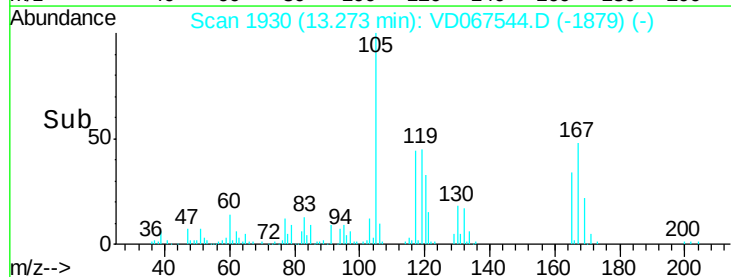
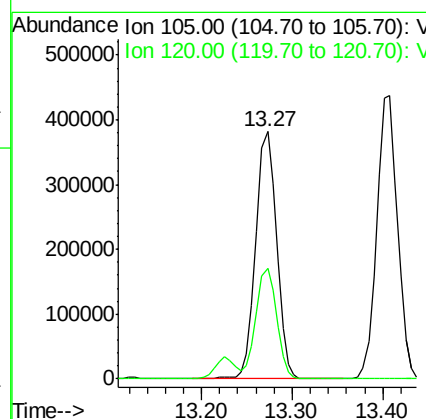
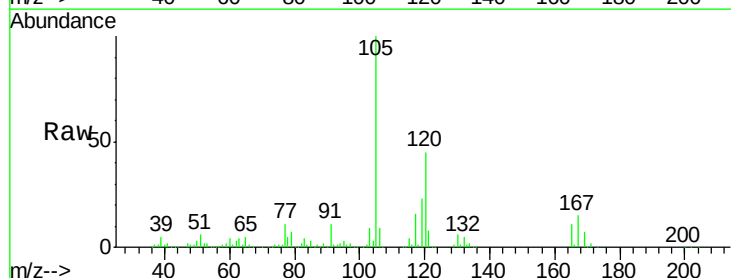
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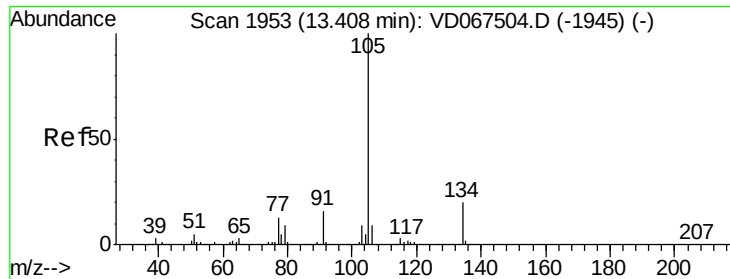
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#84
1,2,4-Trimethylbenzene
Concen: 51.870 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1





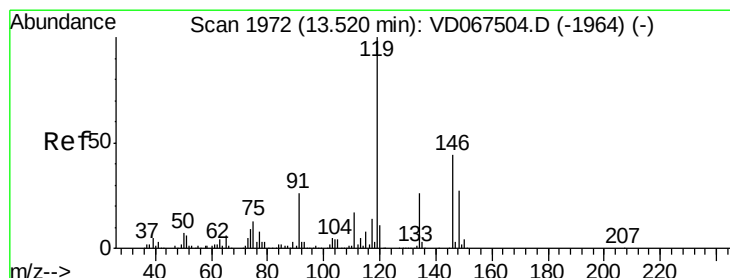
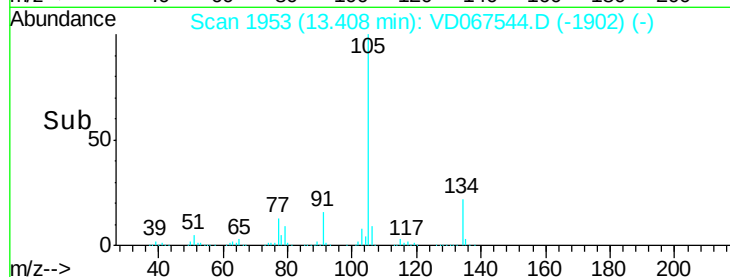
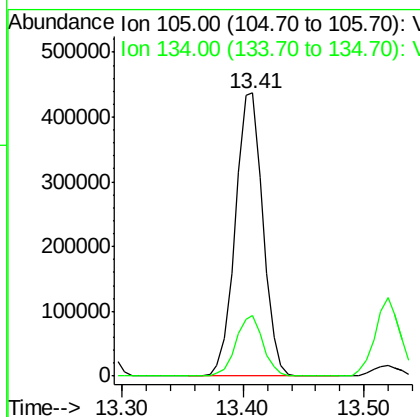
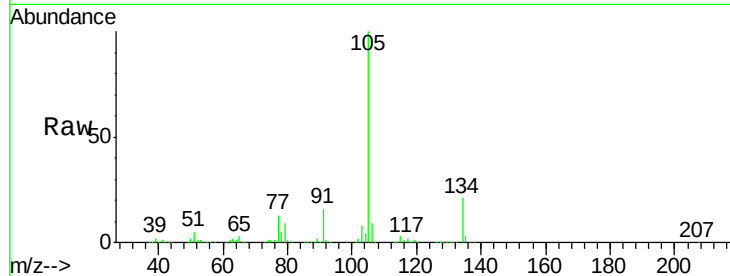
#85
 sec-Butylbenzene
 Concen: 51.159 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.4

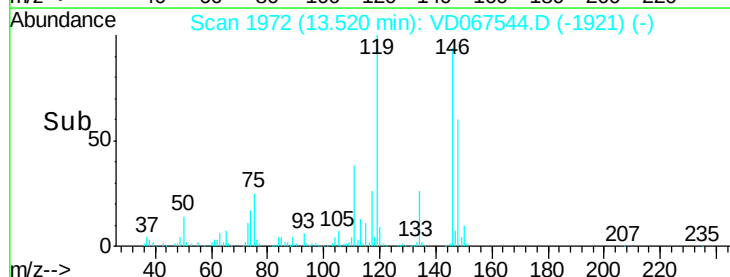
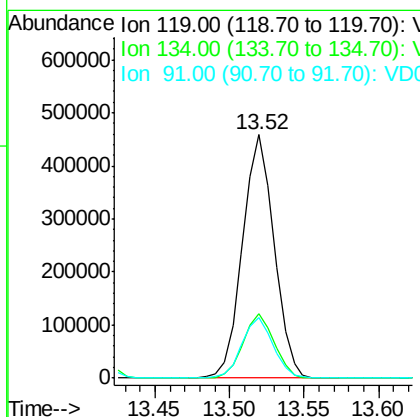
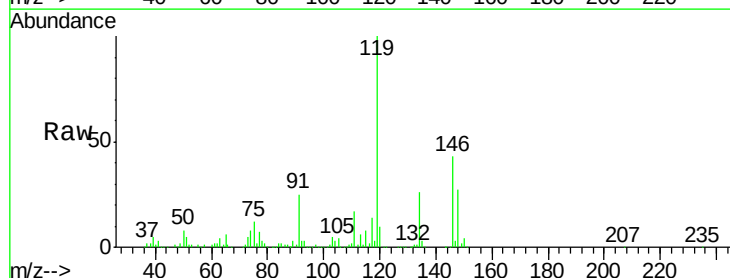
Manual Integrations
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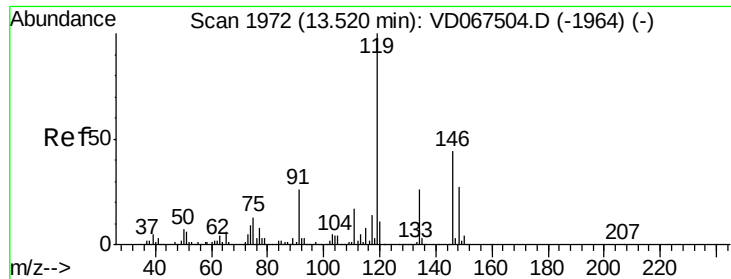
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 11/9/2020 10:13:17 AM



#86
 p-Isopropyltoluene
 Concen: 51.037 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	24.7	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 50.180 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067544.D

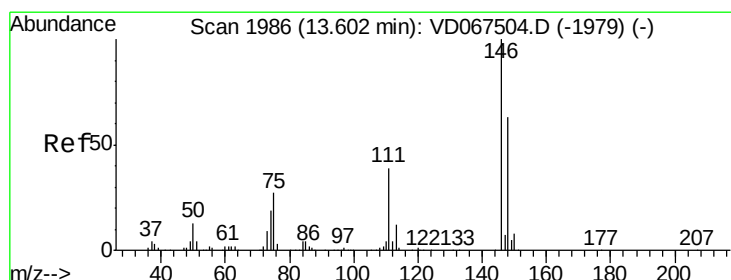
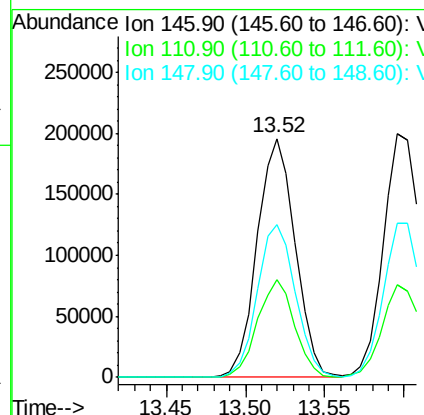
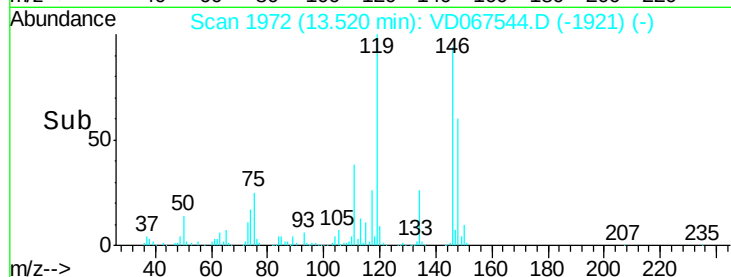
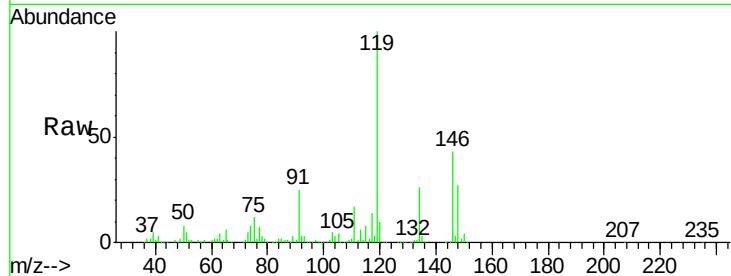
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	64.3	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 49.639 ug/l

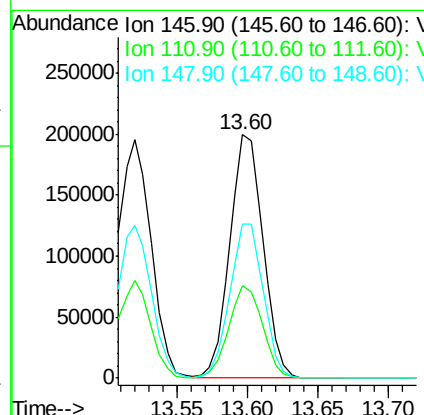
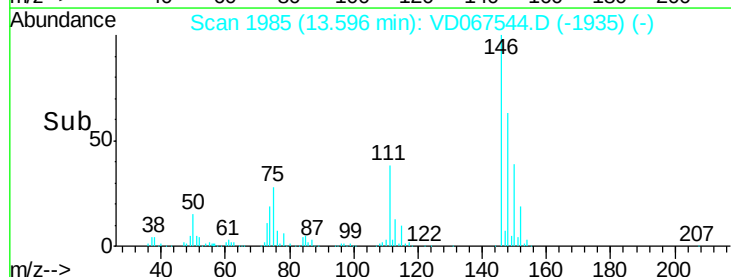
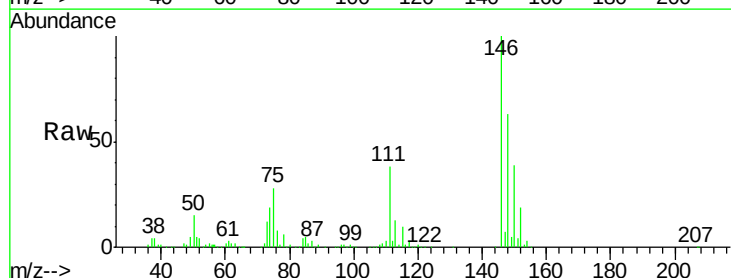
RT: 13.60 min Scan# 1985

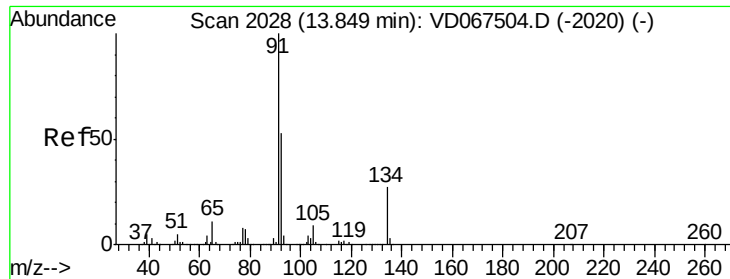
Delta R.T. -0.01 min

Lab File: VD067544.D

Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.8	31.8	95.4





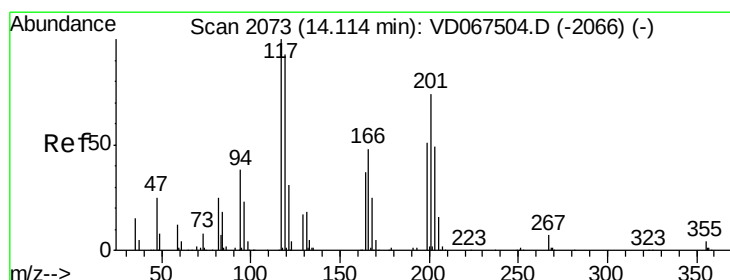
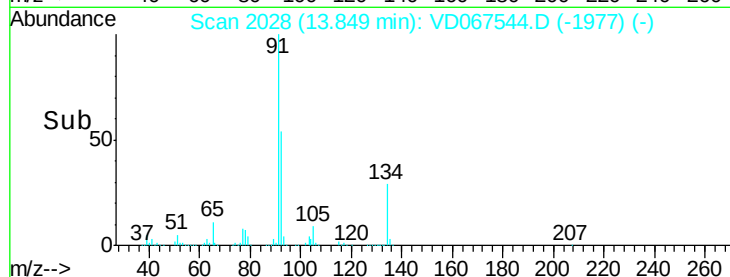
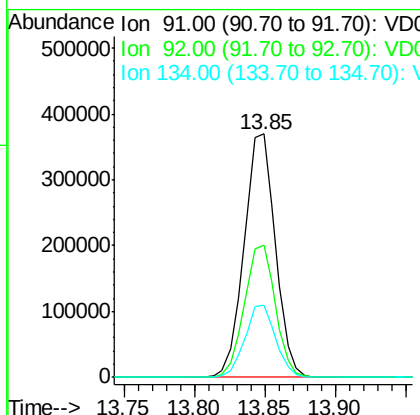
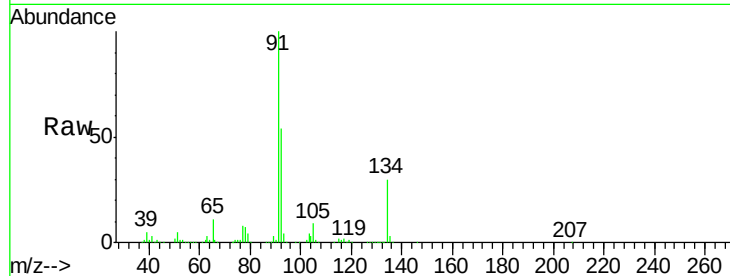
#89
n-Butylbenzene
Concen: 50.584 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.8
134	29.3	14.1	42.2

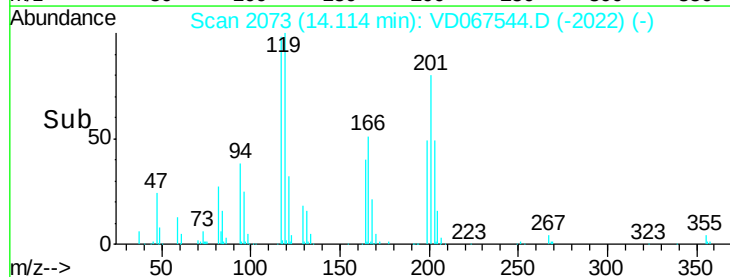
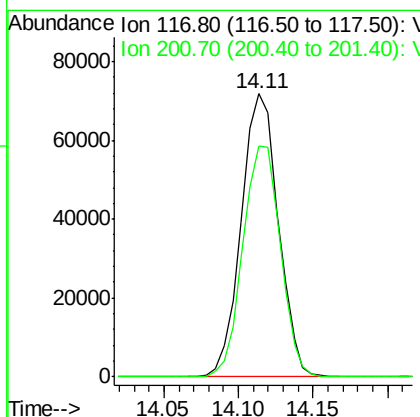
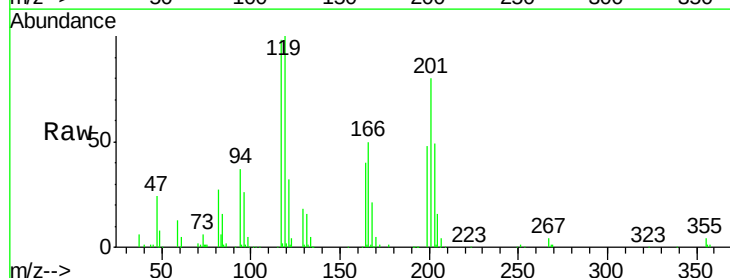
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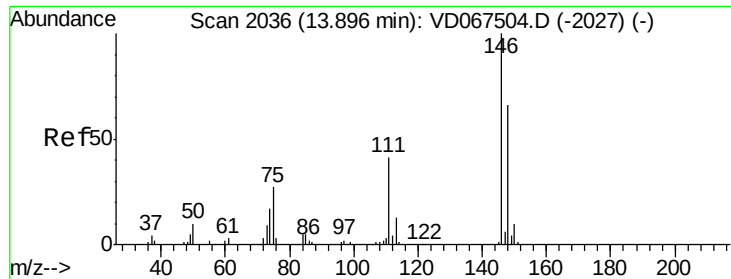
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#90
Hexachloroethane
Concen: 49.899 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	40.7	122.1





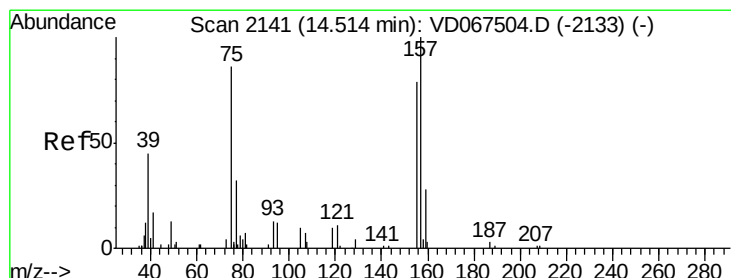
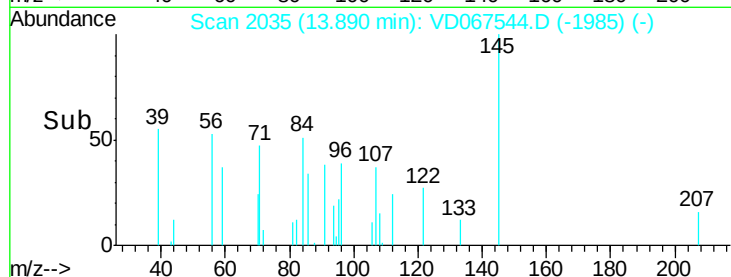
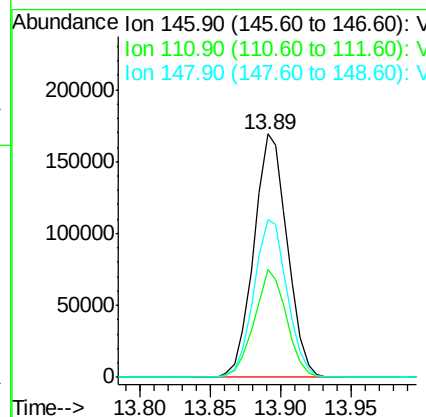
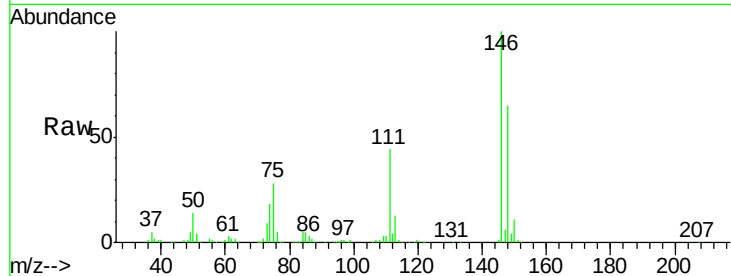
#91
 1,2-Dichlorobenzene
 Concen: 49.914 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.7	62.1
148	64.6	31.5	94.5

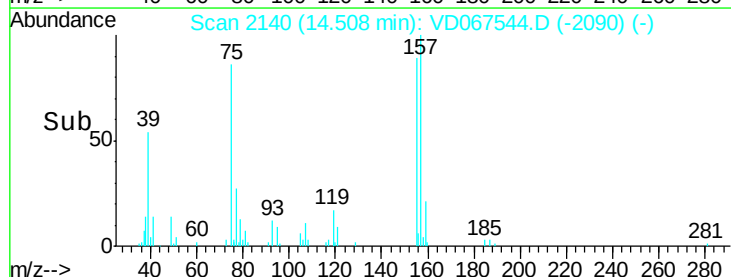
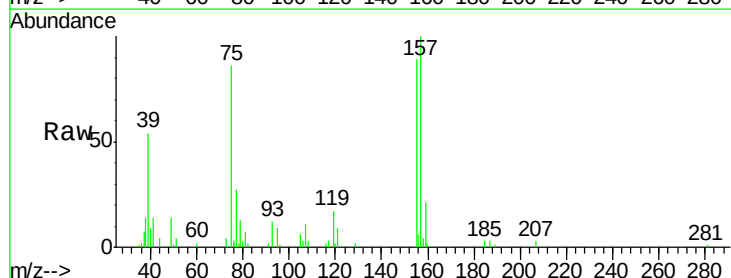
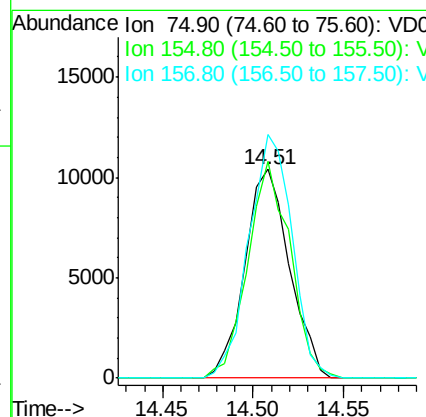
Manual Integrations
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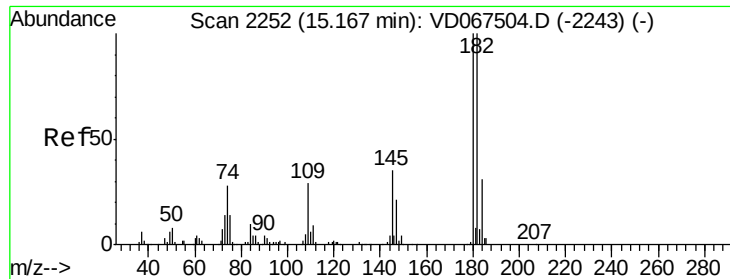
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 11/9/2020 10:13:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.133 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067544.D
 Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	46.6	139.8
157	113.1	58.1	174.2





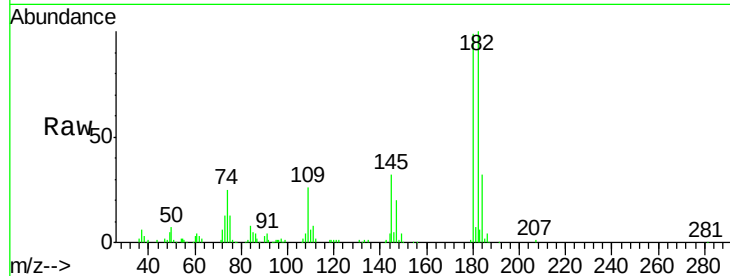
#93
1,2,4-Trichlorobenzene
Concen: 50.140 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

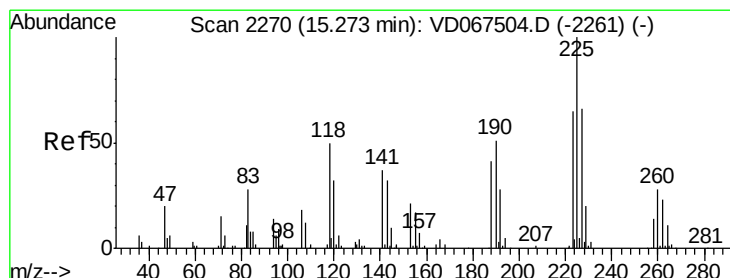
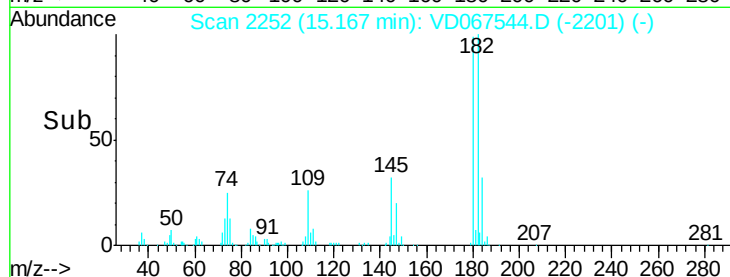
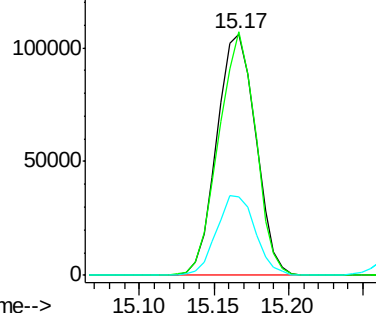
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.4	142.3	
145	33.0	16.2	48.6	

Manual Integrations
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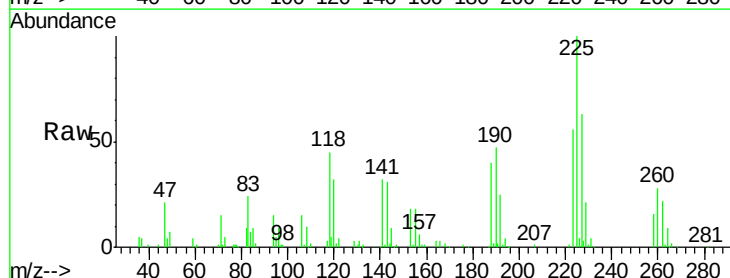


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

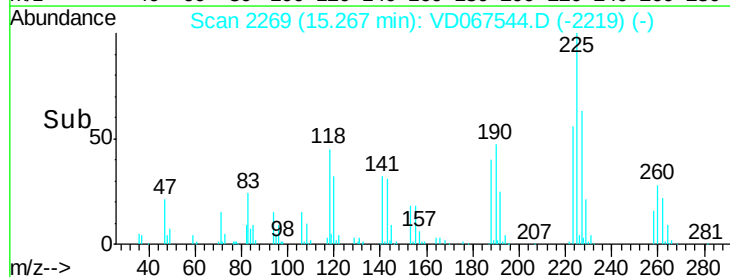
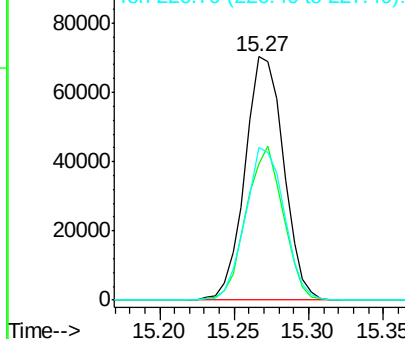


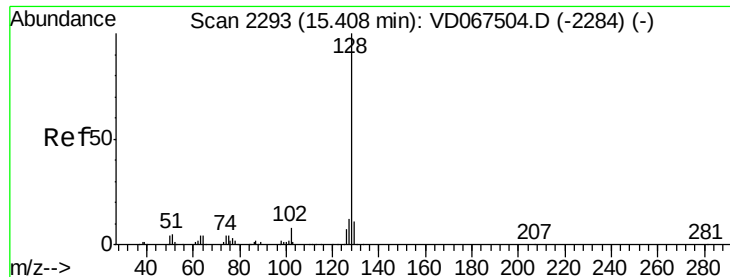
#94
Hexachlorobutadiene
Concen: 49.165 ug/l
RT: 15.27 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	31.9	95.5	
227	63.3	32.5	97.4	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





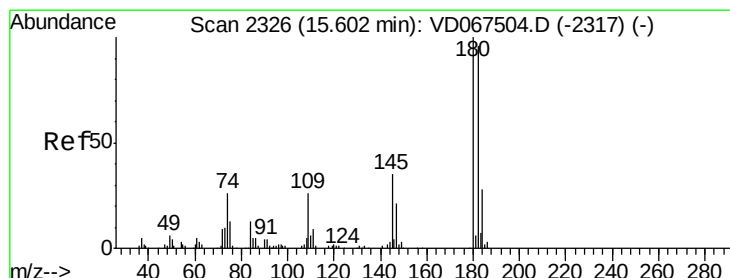
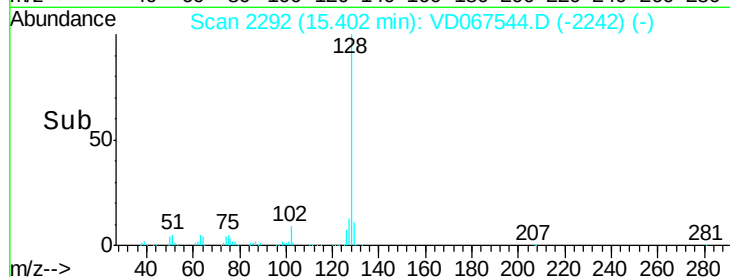
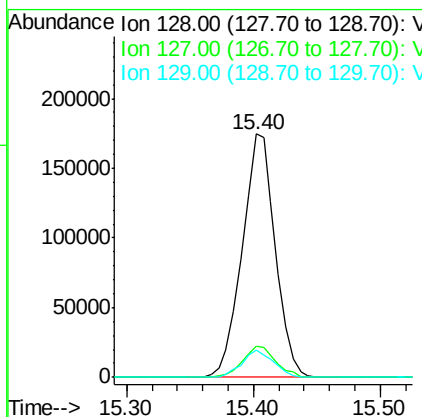
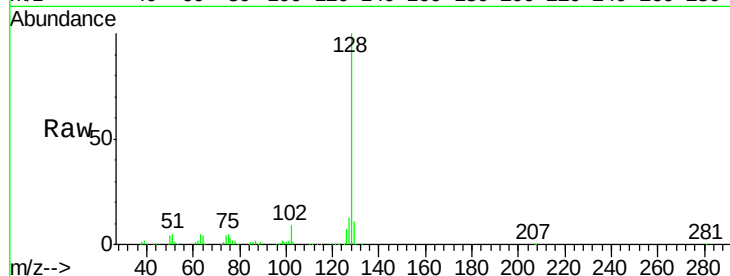
#95
Naphthalene
Concen: 53.389 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/9/2020 10:13:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.930 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067544.D
Acq: 06 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.9	140.8
145	33.7	17.1	51.2

