

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066519.D
 Acq On : 02 Sep 2020 13:10
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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 9/3/2020 4:57:18 PM

Quant Time: Sep 02 14:11:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	167899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	231297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	211571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	190437	105.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.94%	
35) Dibromofluoromethane	7.91	113	145874	104.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.72%	
50) Toluene-d8	10.34	98	542217	103.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.60%	
62) 4-Bromofluorobenzene	12.63	95	190397	102.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	127961	89.337	ug/l	93
3) Chloromethane	2.21	50	79110	91.873	ug/l	100
4) Vinyl Chloride	2.35	62	98604	93.902	ug/l	93
5) Bromomethane	2.76	94	82548	96.185	ug/l	98
6) Chloroethane	2.92	64	67905	96.119	ug/l	95
7) Trichlorofluoromethane	3.27	101	309329	96.639	ug/l	100
8) Diethyl Ether	3.70	74	60643	101.085	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	127343	95.530	ug/l	97
10) Methyl Iodide	4.30	142	172274	116.551	ug/l	99
11) Tert butyl alcohol	5.22	59	46716	355.129	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	124749	99.584	ug/l	91
13) Acrolein	3.92	56	29463	502.351	ug/l	93
14) Allyl chloride	4.71	41	146102	104.340	ug/l	100
15) Acrylonitrile	5.41	53	110886	515.420	ug/l	98
16) Acetone	4.16	43	140380	525.685	ug/l	97
17) Carbon Disulfide	4.41	76	356248	98.410	ug/l #	94
18) Methyl Acetate	4.71	43	43945	102.387	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	341172	104.379	ug/l	98
20) Methylene Chloride	4.96	84	129623	83.174	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	143618	100.233	ug/l	94
22) Diisopropyl ether	6.36	45	284525	101.384	ug/l	99
23) Vinyl Acetate	6.30	43	950974	527.077	ug/l	97
24) 1,1-Dichloroethane	6.26	63	218839	99.285	ug/l	99
25) 2-Butanone	7.21	43	139004	502.917	ug/l	99
26) 2,2-Dichloropropane	7.20	77	274096	98.142	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	157834	101.576	ug/l	97
28) Bromochloromethane	7.54	49	69262	108.617	ug/l #	97
29) Tetrahydrofuran	7.56	42	73709	518.767	ug/l	99
30) Chloroform	7.71	83	281771	99.003	ug/l	100
31) Cyclohexane	7.98	56	166298	87.325	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	313608	98.940	ug/l	99
36) 1,1-Dichloropropene	8.11	75	200077	98.679	ug/l	98
37) Ethyl Acetate	7.29	43	60989	100.210	ug/l #	83
38) Carbon Tetrachloride	8.09	117	309660	100.255	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	236508	99.841	ug/l	97
40) Benzene	8.35	78	513759	98.228	ug/l	92
41) Methacrylonitrile	7.53	41	28782m	83.060	ug/l	
42) 1,2-Dichloroethane	8.42	62	222257	100.448	ug/l	100
43) Isopropyl Acetate	8.45	43	133411	104.642	ug/l	98
44) Trichloroethene	9.11	130	176300	97.659	ug/l	95
45) 1,2-Dichloropropane	9.38	63	104545	100.741	ug/l	96
46) Dibromomethane	9.47	93	75583	99.484	ug/l	93
47) Bromodichloromethane	9.66	83	226638	100.368	ug/l	96
48) Methyl methacrylate	9.46	41	65777	101.238	ug/l	95
49) 1,4-Dioxane	9.46	88	17474	1966.700	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	303887	518.363	ug/l	100
52) Toluene	10.40	92	369101	99.213	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	208169	100.904	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	220766	101.575	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	96521	100.540	ug/l	97
56) Ethyl methacrylate	10.66	69	116473	103.090	ug/l	98
57) 1,3-Dichloropropane	10.94	76	162457	102.470	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	212192	481.123	ug/l	100
59) 2-Hexanone	10.98	43	220620	521.069	ug/l	98
60) Dibromochloromethane	11.14	129	160071	100.832	ug/l	99
61) 1,2-Dibromoethane	11.24	107	97107	99.232	ug/l	98
64) Tetrachloroethene	10.87	164	158556	96.121	ug/l	96
65) Chlorobenzene	11.67	112	411034	98.748	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	172923	98.187	ug/l	98
67) Ethyl Benzene	11.74	91	731630	99.781	ug/l	95
68) m/p-Xylenes	11.86	106	573035	201.990	ug/l	99
69) o-Xylene	12.18	106	262787	97.789	ug/l	99
70) Styrene	12.20	104	455511	99.008	ug/l	99
71) Bromoform	12.36	173	95838	99.212	ug/l #	88
73) Isopropylbenzene	12.48	105	746855	100.650	ug/l	100
74) N-amyl acetate	12.29	43	119923	107.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	86382	98.515	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	74303m	105.936	ug/l	
77) Bromobenzene	12.76	156	189843	100.818	ug/l	99
78) n-propylbenzene	12.82	91	805061	99.564	ug/l	99
79) 2-Chlorotoluene	12.91	91	476176	101.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	653916	101.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	34375	109.581	ug/l	98
82) 4-Chlorotoluene	13.01	91	509563	101.401	ug/l	99
83) tert-Butylbenzene	13.23	119	578162	102.176	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	648830	100.558	ug/l	97
85) sec-Butylbenzene	13.40	105	713036	99.469	ug/l	99
86) p-Isopropyltoluene	13.52	119	719689	100.447	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	350742	100.431	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	349234	98.849	ug/l	99
89) n-Butylbenzene	13.85	91	601884	100.290	ug/l	98
90) Hexachloroethane	14.11	117	129826	100.972	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	304375	100.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23604	101.788	ug/l	96

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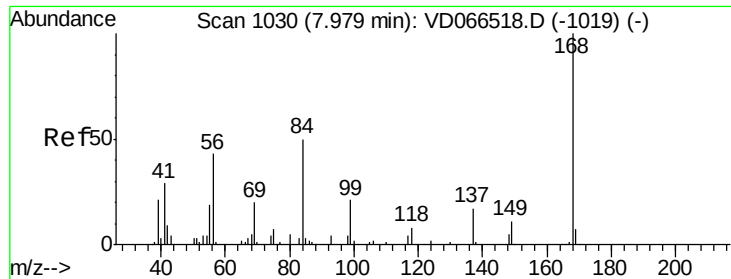
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	247011	103.023	ug/l	99
94) Hexachlorobutadiene	15.27	225	157908	101.597	ug/l	99
95) Naphthalene	15.41	128	396715	106.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	211240	101.963	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 167899

Ion Ratio Lower Upper

168 100

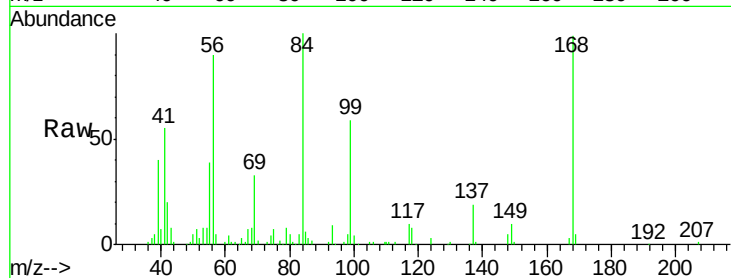
99 59.5 45.1 67.7

Manual Integrations

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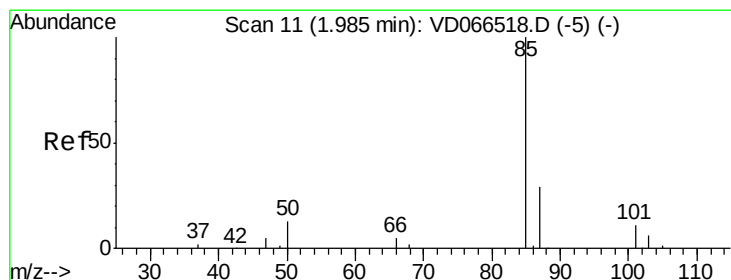
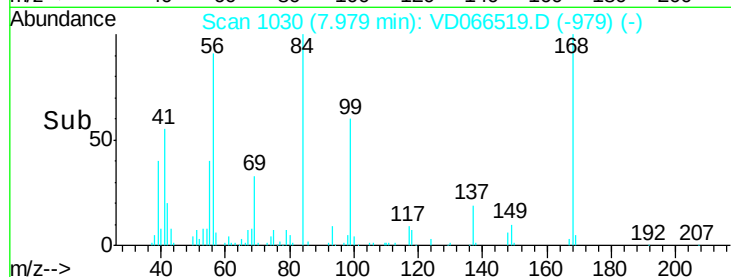
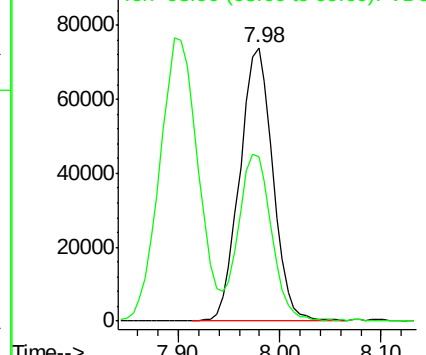
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 89.337 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066519.D

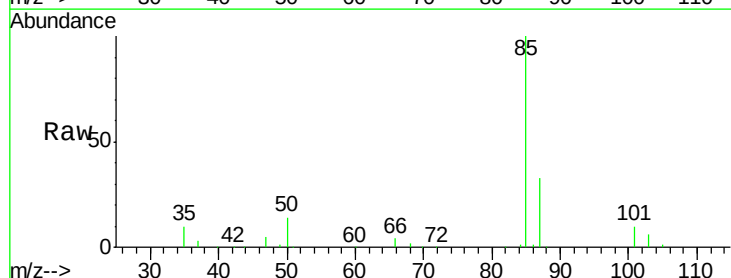
Acq: 02 Sep 2020 13:10

Tgt Ion: 85 Resp: 127961

Ion Ratio Lower Upper

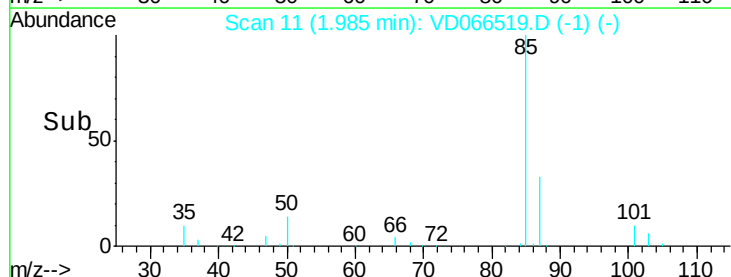
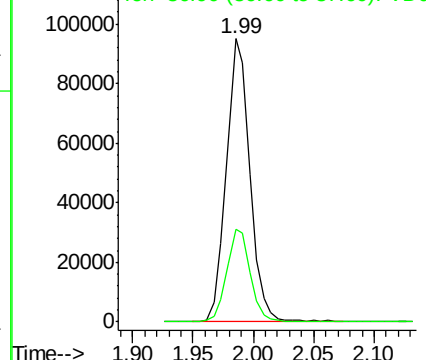
85 100

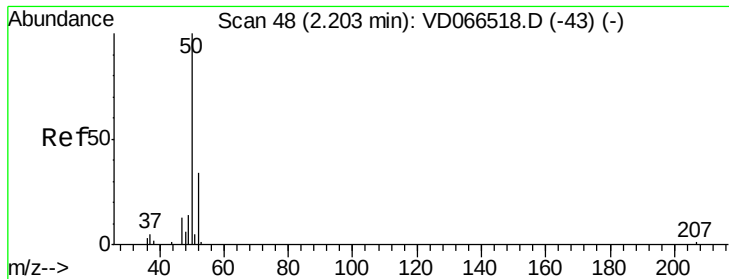
87 32.9 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 91.873 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 79110

Ion Ratio Lower Upper

50 100

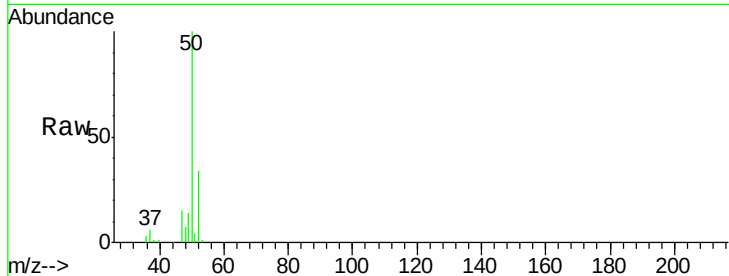
52 34.4 27.6 41.4

Manual Integrations

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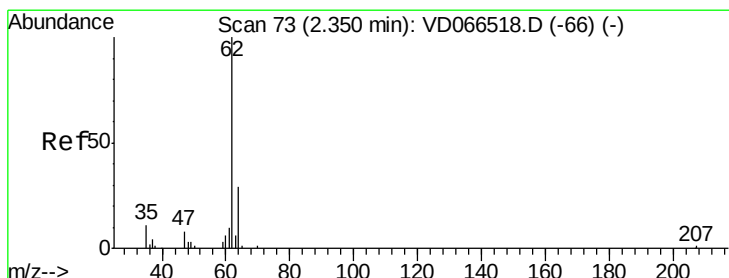
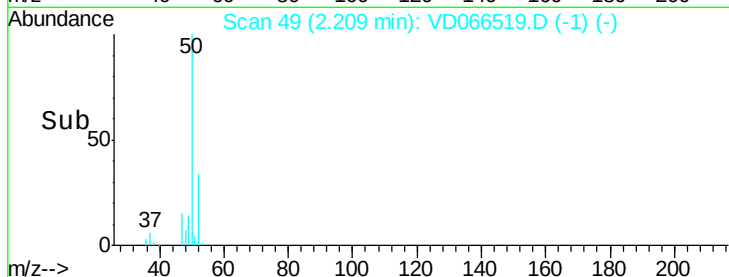
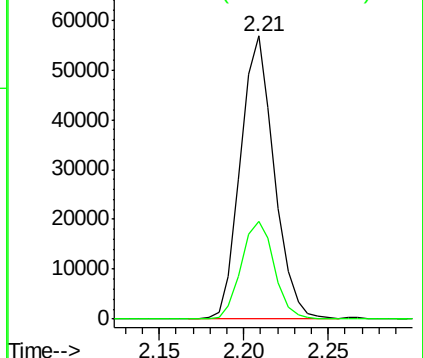
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 93.902 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066519.D

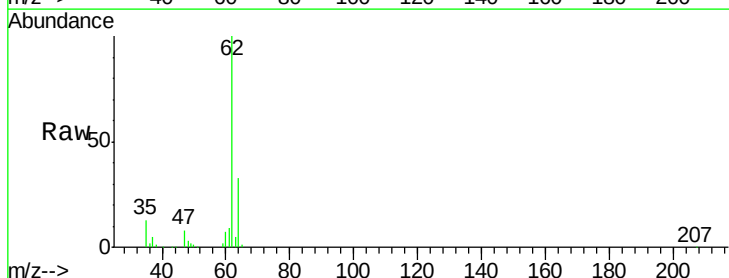
Acq: 02 Sep 2020 13:10

Tgt Ion: 62 Resp: 98604

Ion Ratio Lower Upper

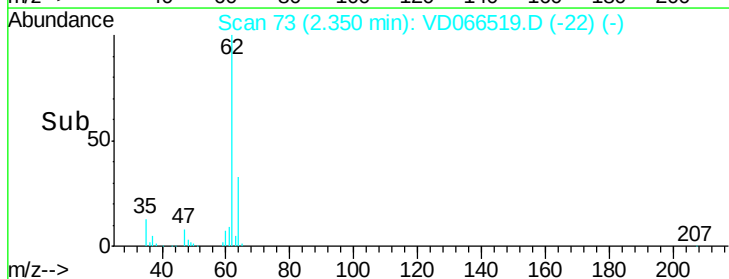
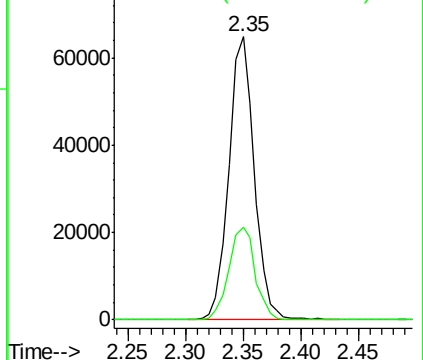
62 100

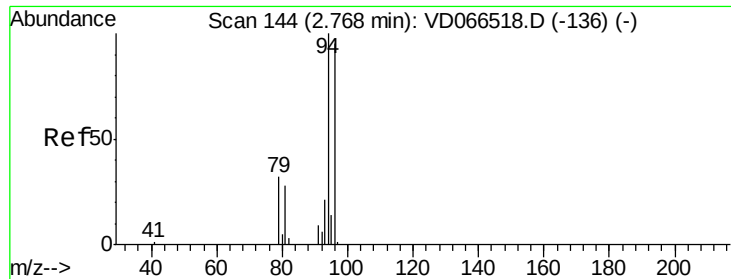
64 32.9 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 96.185 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 82548

Ion Ratio Lower Upper

94 100

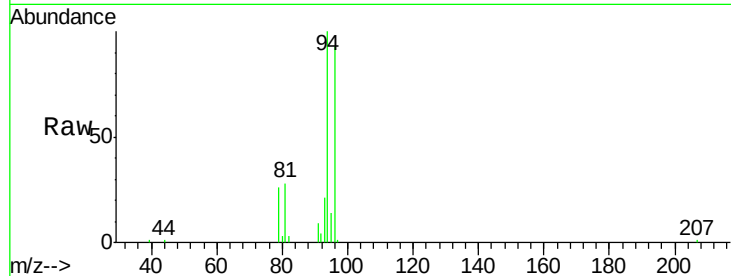
96 92.7 75.8 113.8

Manual Integrations

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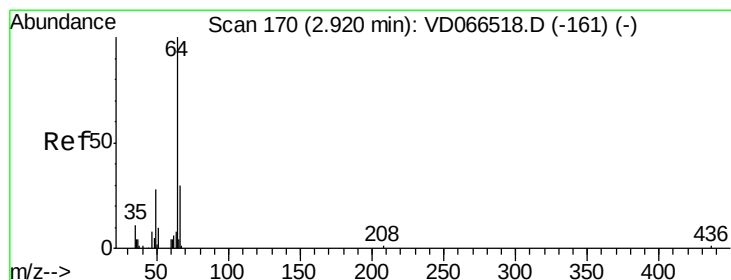
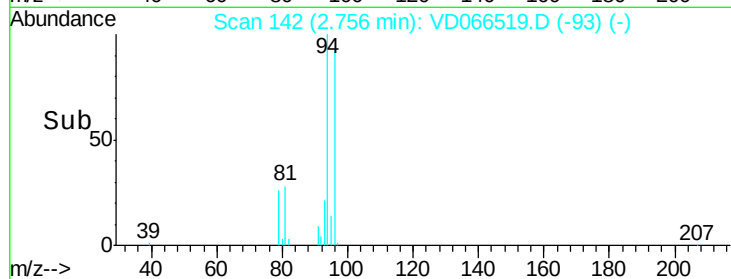
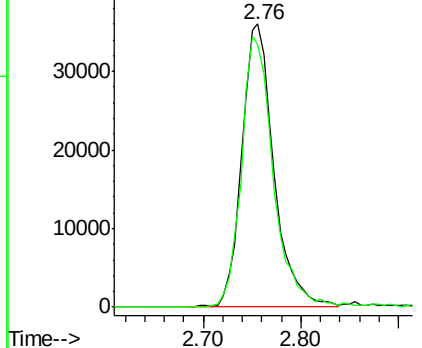
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 96.119 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066519.D

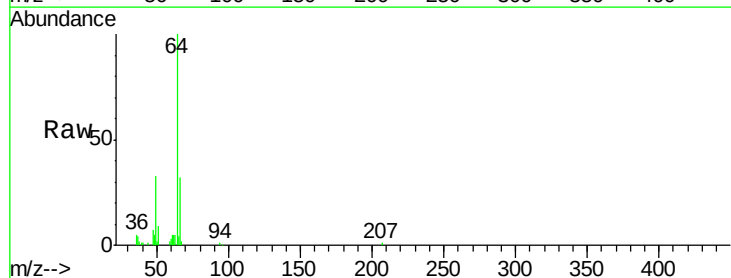
Acq: 02 Sep 2020 13:10

Tgt Ion: 64 Resp: 67905

Ion Ratio Lower Upper

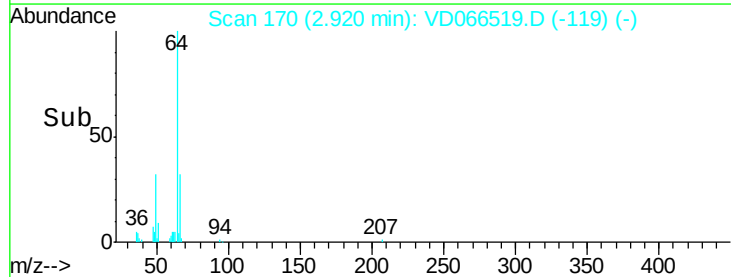
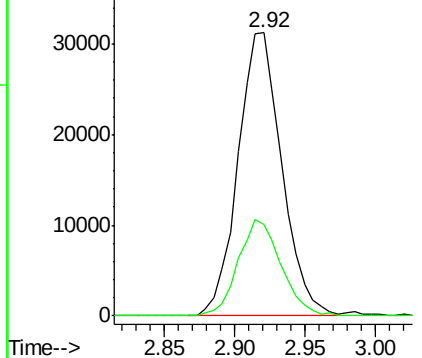
64 100

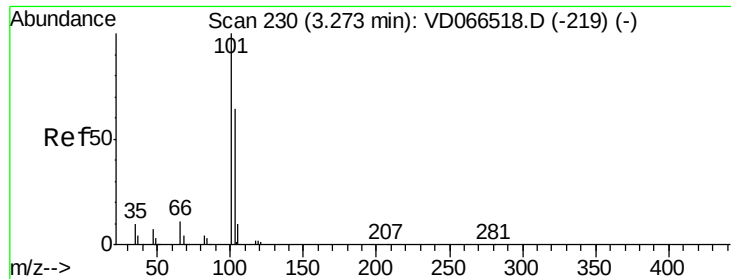
66 32.3 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

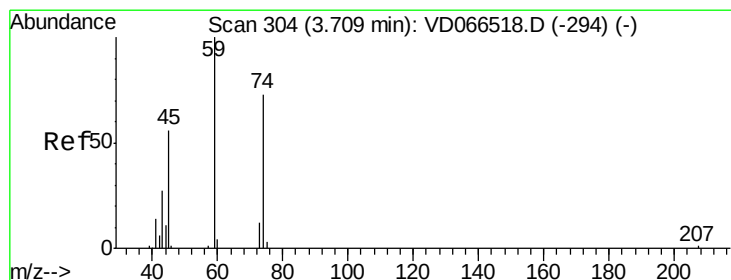
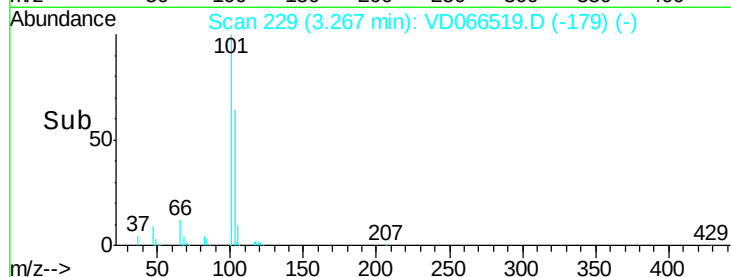
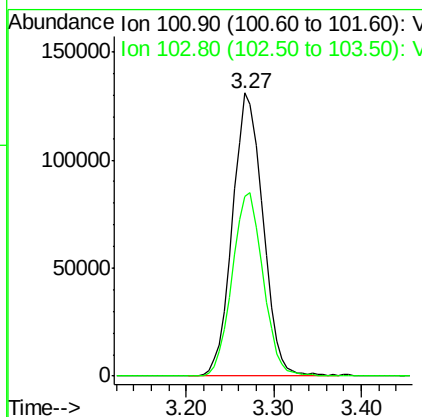
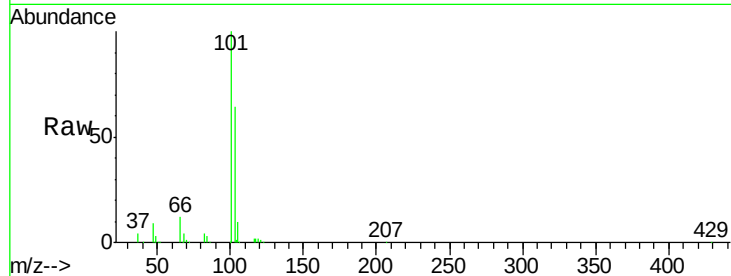
Trichlorofluoromethane
 Concen: 96.639 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
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 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.9	76.3

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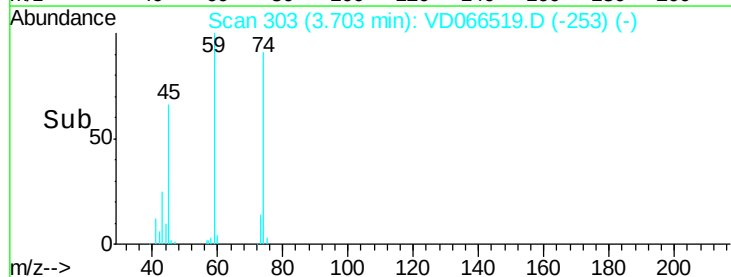
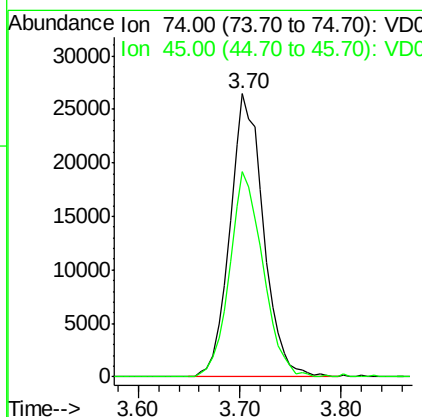
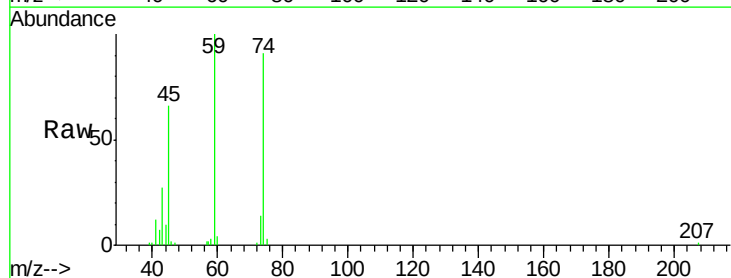
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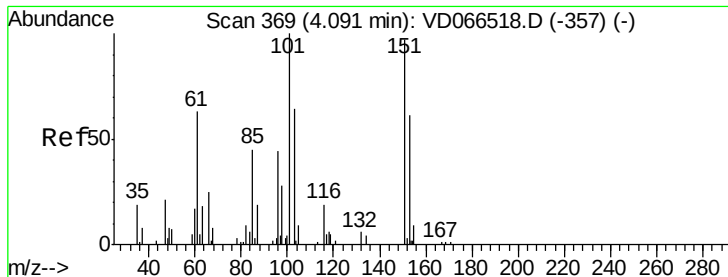


#8

Diethyl Ether
 Concen: 101.085 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	71.9	38.6	115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.530 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

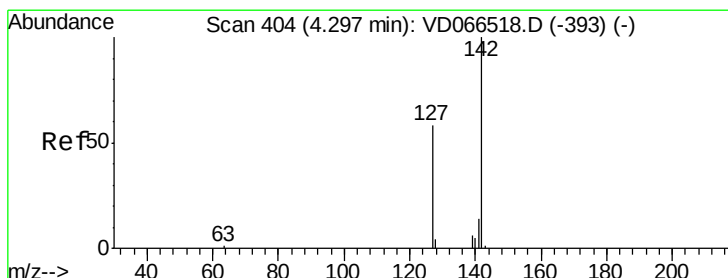
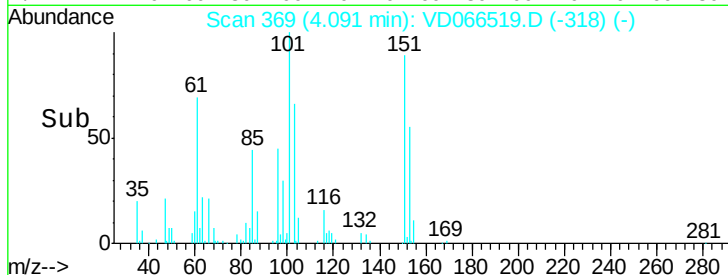
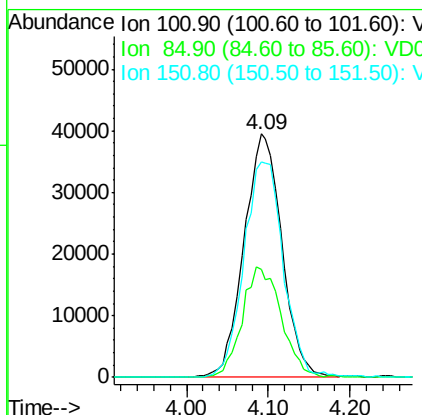
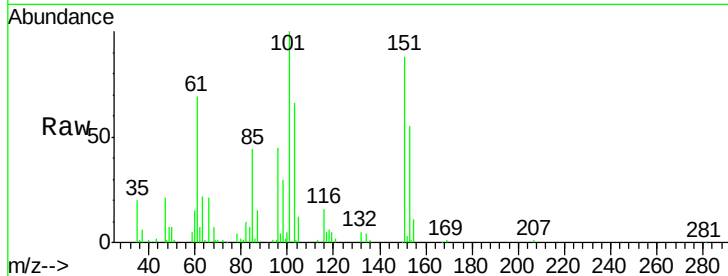
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	127343
Ion Ratio	Lower	Upper	
101	100		
85	46.8	39.4	59.0
151	92.0	75.5	113.3

Manual Integrations
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#10

Methyl Iodide

Concen: 116.551 ug/l

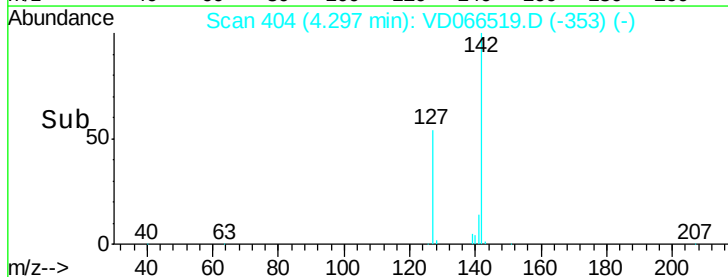
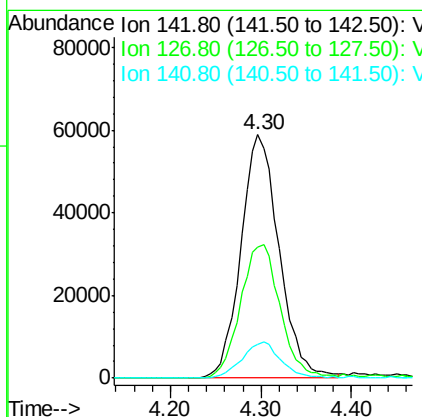
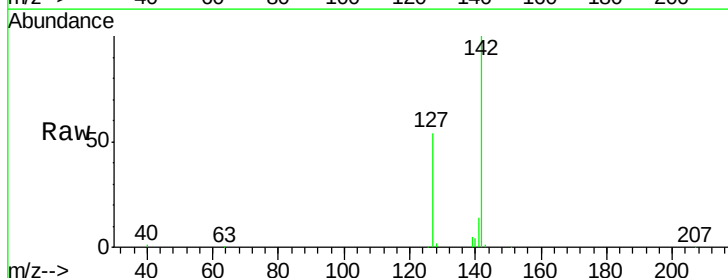
RT: 4.30 min Scan# 404

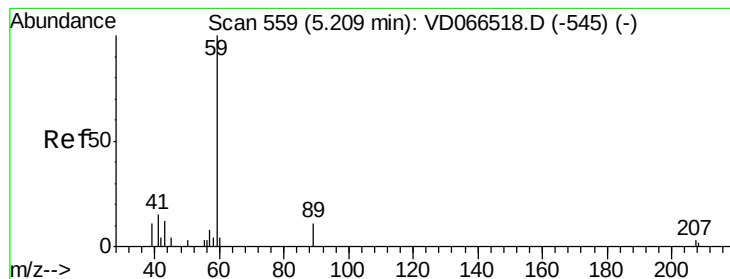
Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	142	Resp:	172274
Ion Ratio	Lower	Upper	
142	100		
127	56.8	46.3	69.5
141	15.0	12.4	18.6





#11

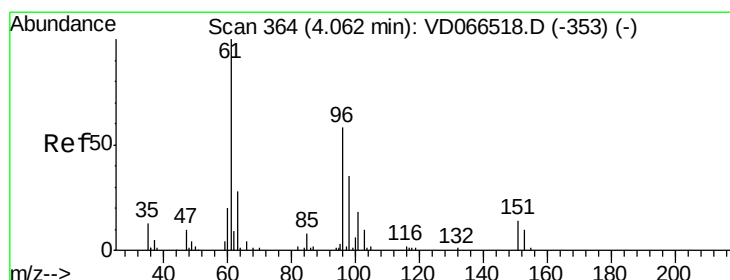
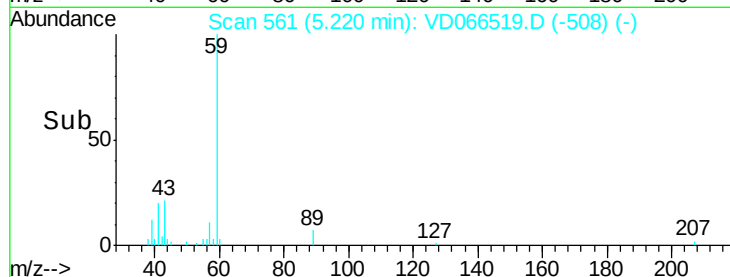
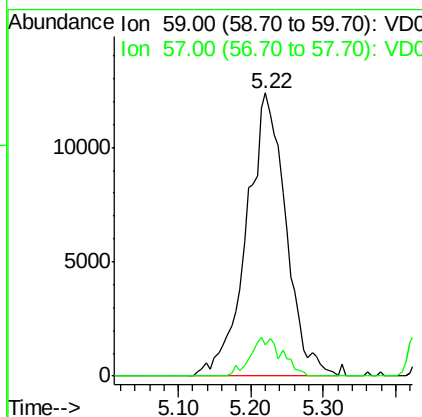
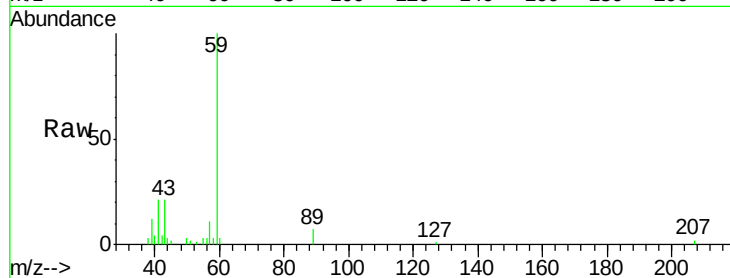
Tert butyl alcohol
Concen: 355.129 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	6.8	10.2#

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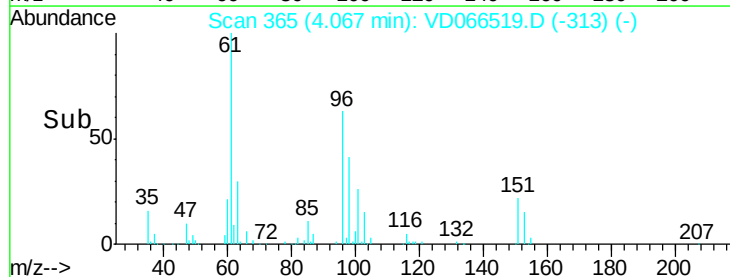
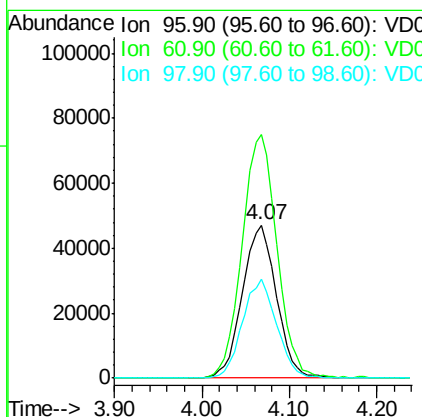
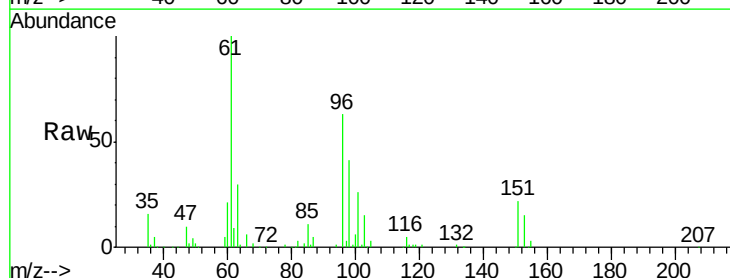
MMDadoda
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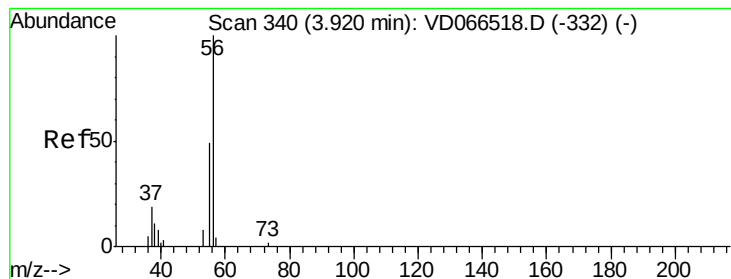


#12

1,1-Dichloroethene
Concen: 99.584 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	137.5	206.3
98	64.8	47.8	71.6





#13

Acrolein

Concen: 502.351 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 29463

Ion Ratio Lower Upper

56 100

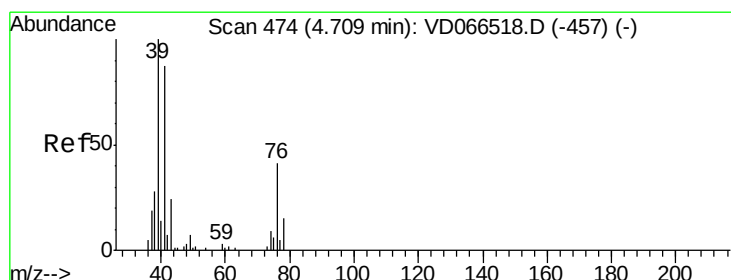
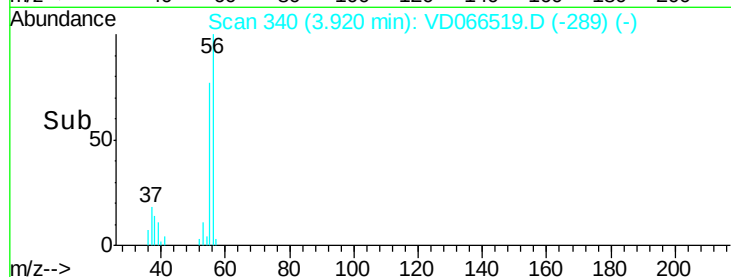
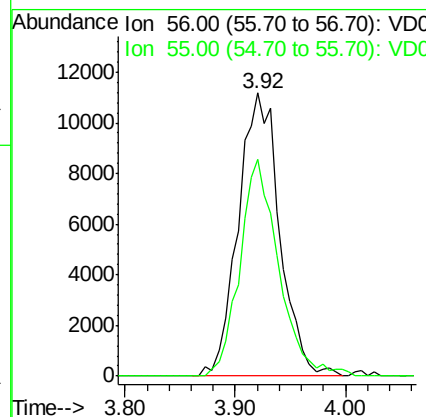
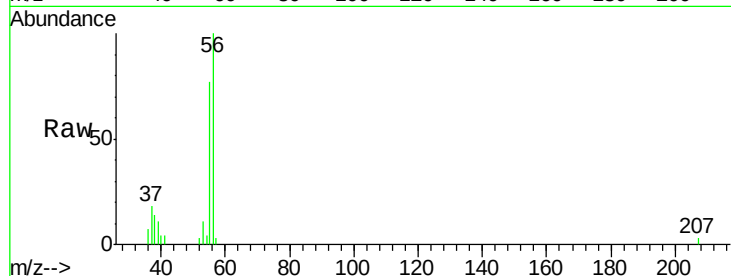
55 71.8 53.0 79.4

Manual Integrations

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#14

Allyl chloride

Concen: 104.340 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

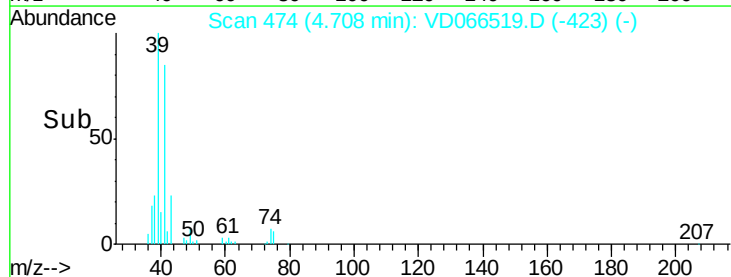
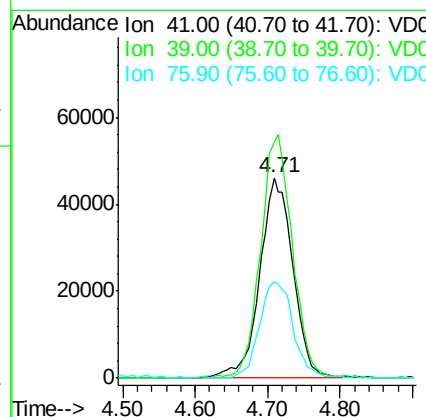
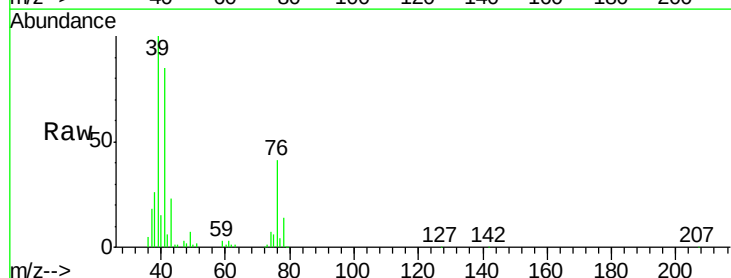
Tgt Ion: 41 Resp: 146102

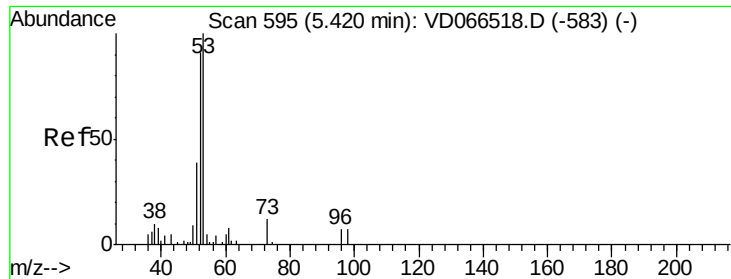
Ion Ratio Lower Upper

41 100

39 116.9 93.8 140.8

76 49.0 39.4 59.0





#15

Acrylonitrile

Concen: 515.420 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

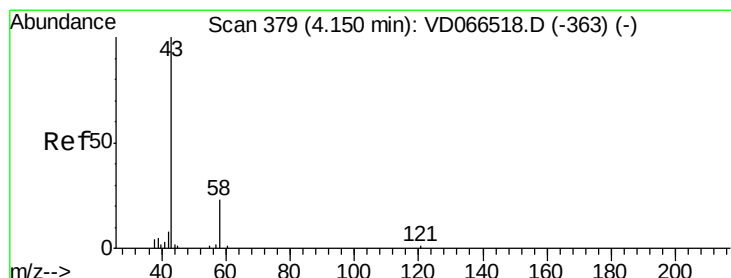
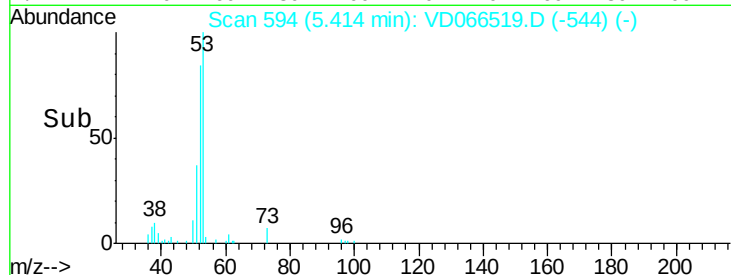
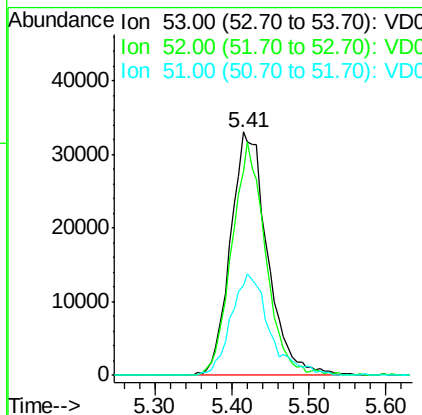
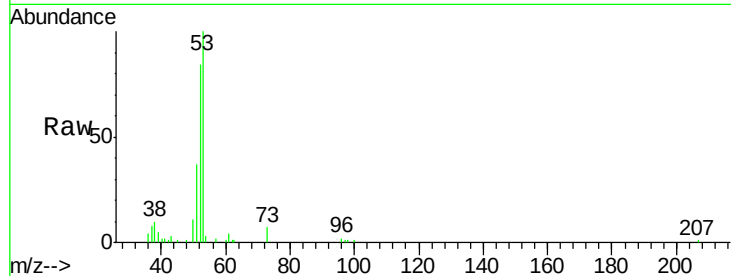
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	110886
Ion	Ratio	Lower	Upper
53	100		
52	86.9	71.0	106.4
51	43.3	35.8	53.6

Manual Integrations
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#16

Acetone

Concen: 525.685 ug/l

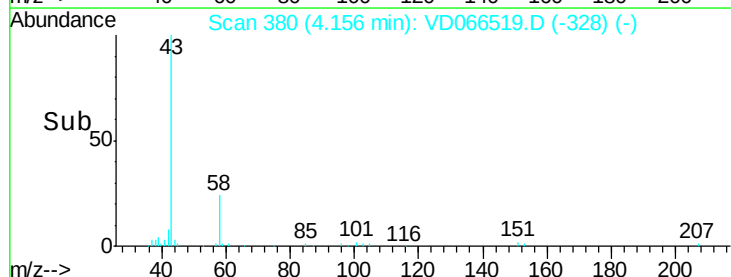
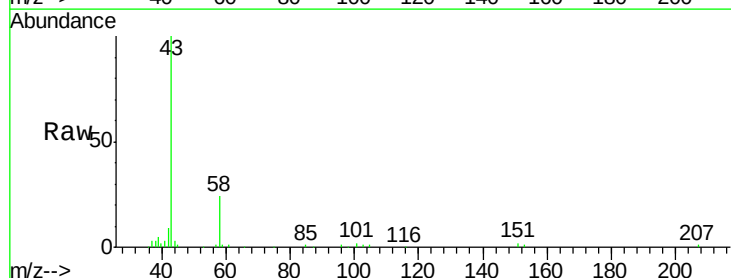
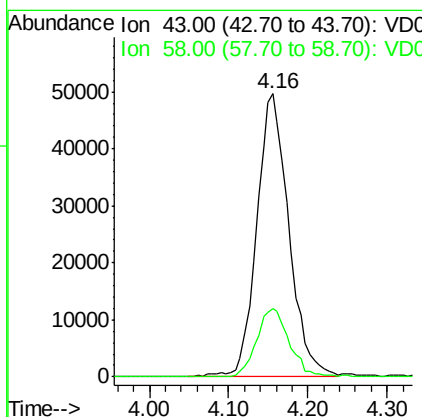
RT: 4.16 min Scan# 380

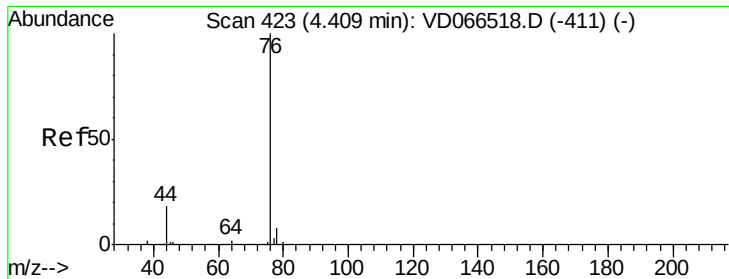
Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	43	Resp:	140380
Ion	Ratio	Lower	Upper
43	100		
58	24.0	18.1	27.1





#17

Carbon Disulfide

Concen: 98.410 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 356248

Ion Ratio Lower Upper

76 100

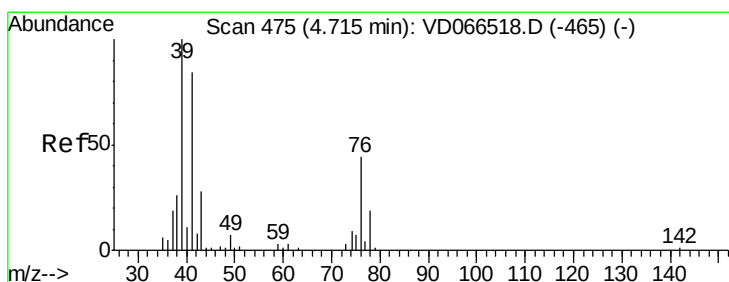
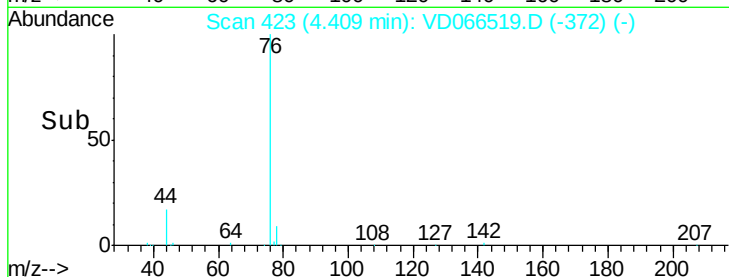
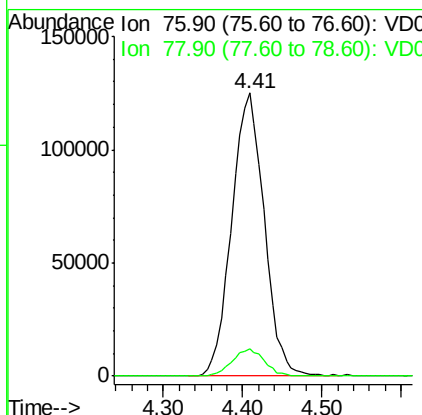
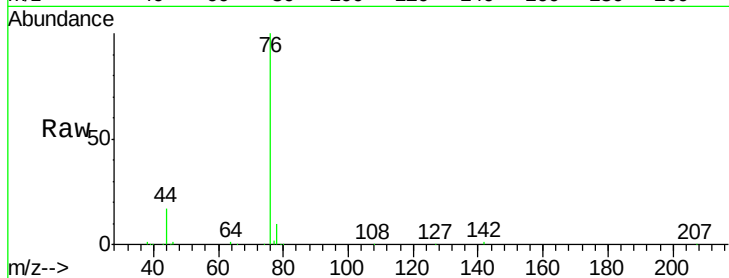
78 9.7 6.2 9.4#

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#18

Methyl Acetate

Concen: 102.387 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066519.D

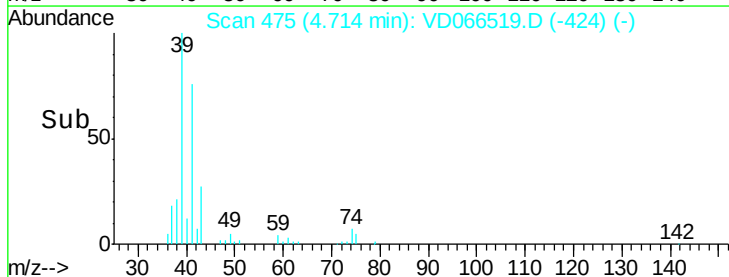
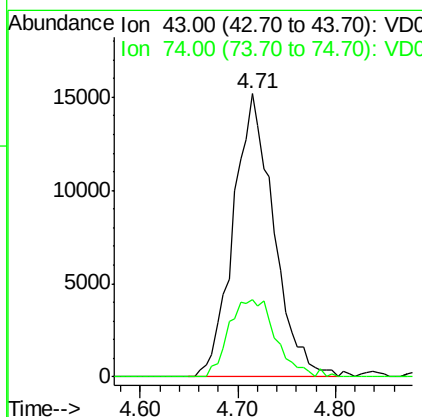
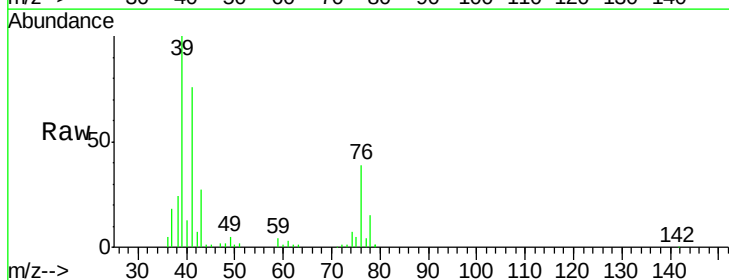
Acq: 02 Sep 2020 13:10

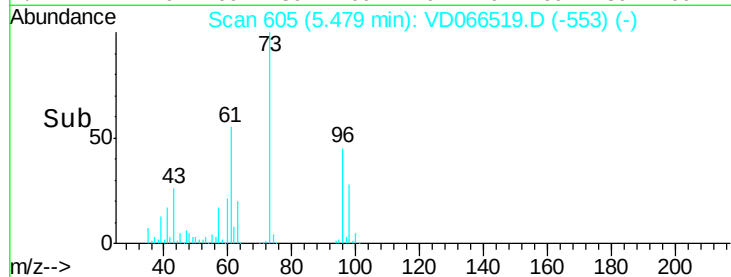
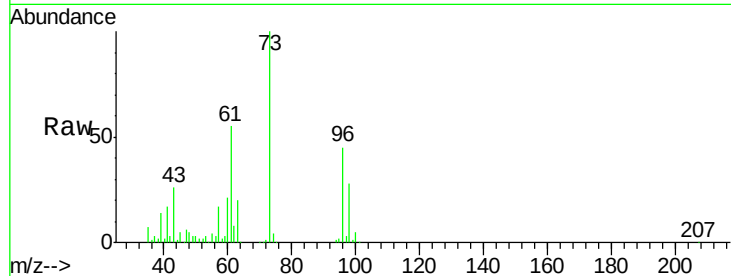
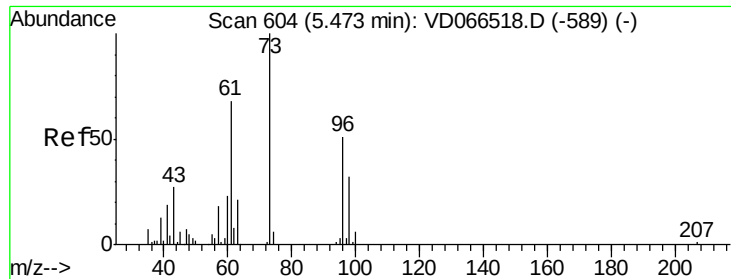
Tgt Ion: 43 Resp: 43945

Ion Ratio Lower Upper

43 100

74 31.1 26.3 39.5





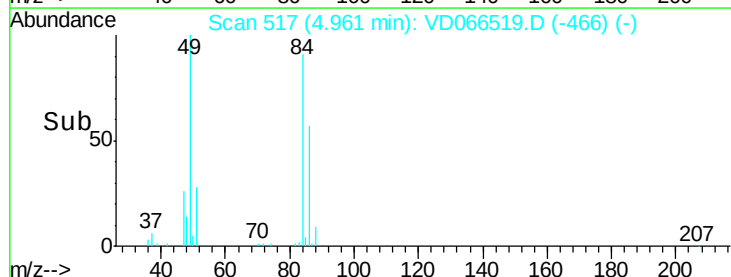
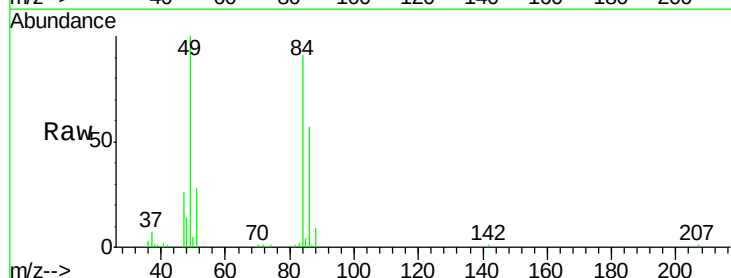
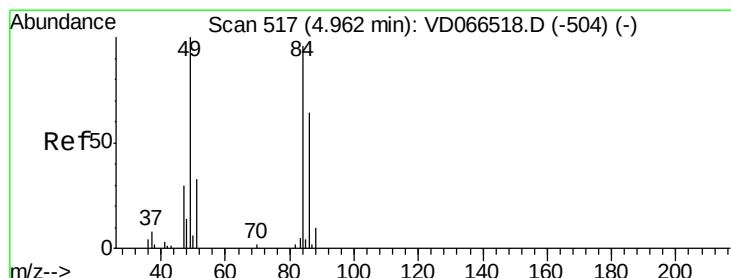
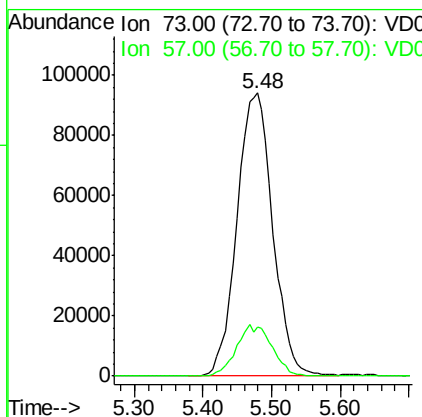
#19
Methyl tert-butyl Ether
Concen: 104.379 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tot Ion: 73 Resp: 341172
Ion Ratio Lower Upper
73 100
57 17.2 14.6 22.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

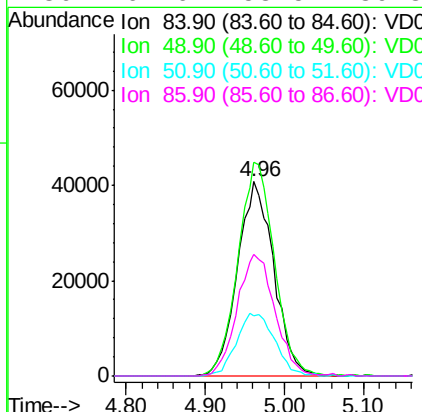
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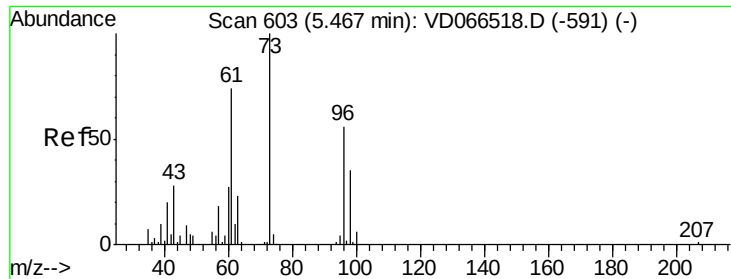
MMDadoda
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#20
Methylene Chloride
Concen: 83.174 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 84 Resp: 129623
Ion Ratio Lower Upper
84 100
49 109.8 83.5 125.3
51 31.1 27.8 41.8
86 62.6 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 100.233 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

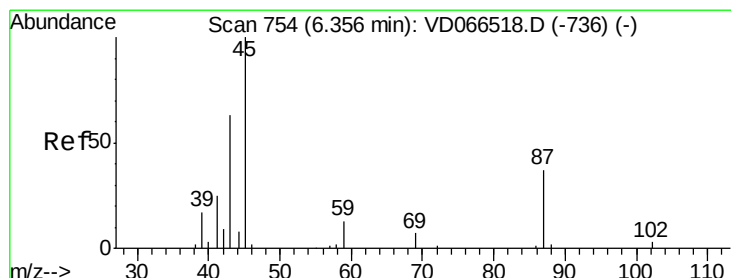
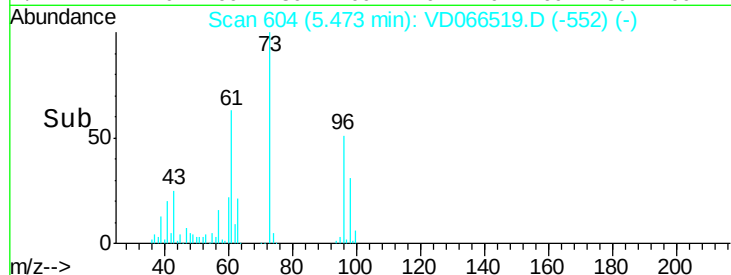
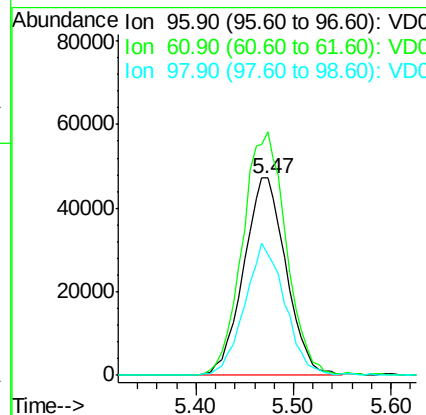
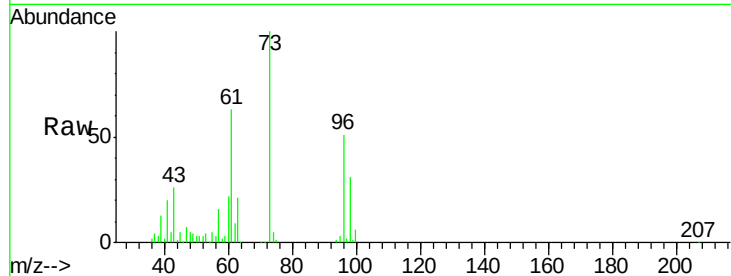
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	143618
Ion	Ratio	Lower	Upper
96	100		
61	123.5	106.6	160.0
98	61.4	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 101.384 ug/l

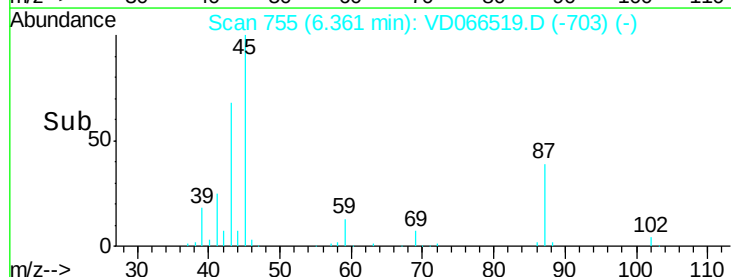
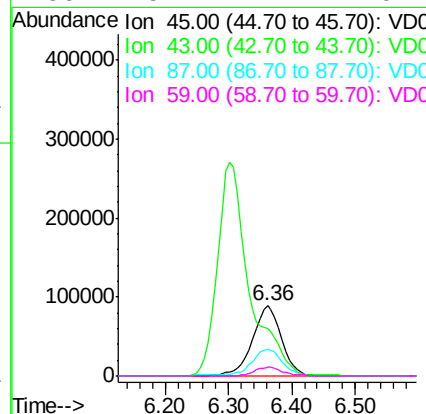
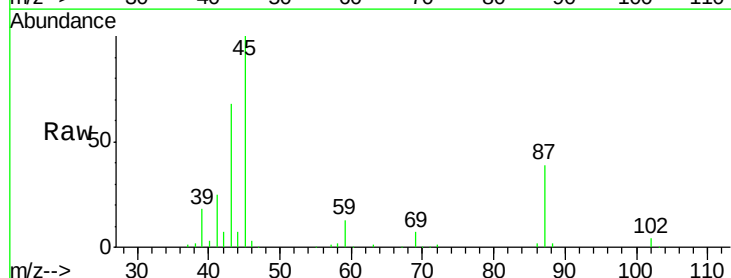
RT: 6.36 min Scan# 755

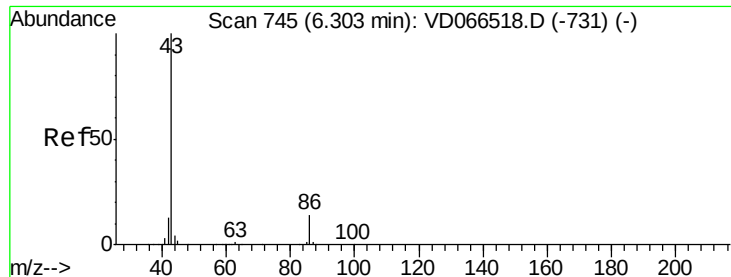
Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	45	Resp:	284525
Ion	Ratio	Lower	Upper
45	100		
43	67.6	53.4	80.0
87	38.5	30.2	45.4
59	13.2	11.1	16.7





#23

Vinyl Acetate

Concen: 527.077 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 950974

Ion Ratio Lower Upper

43 100

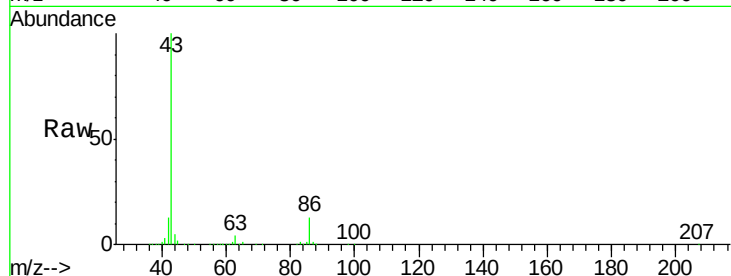
86 13.0 11.3 16.9

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

300000

250000

200000

150000

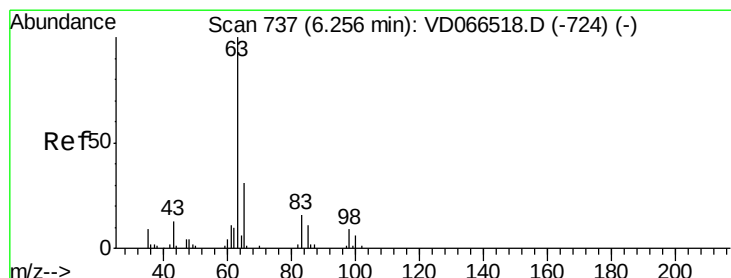
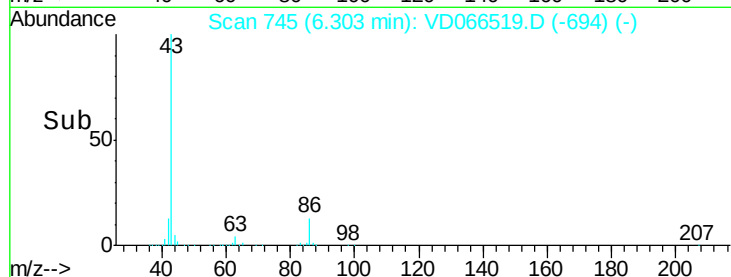
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 99.285 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

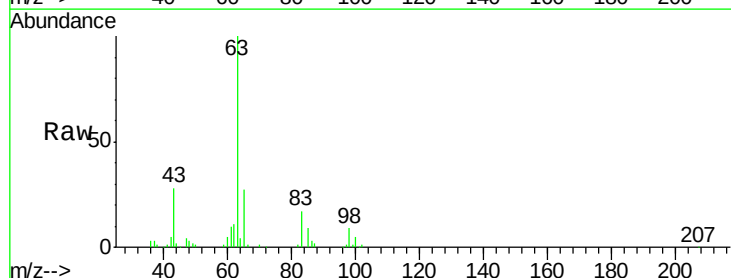
Tgt Ion: 63 Resp: 218839

Ion Ratio Lower Upper

63 100

98 8.6 4.3 13.1

100 4.7 2.9 8.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

100000

80000

60000

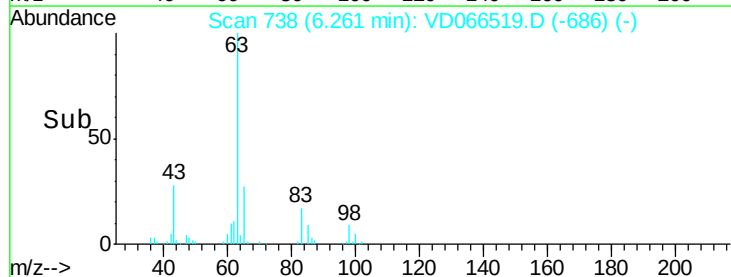
40000

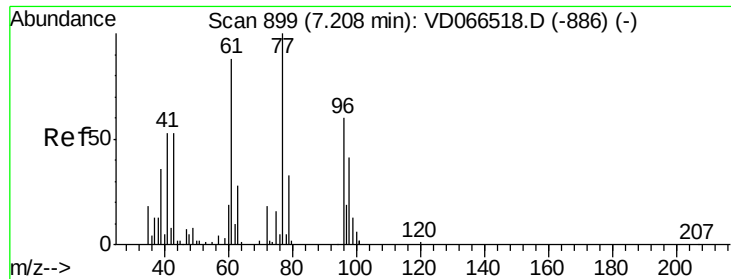
20000

0

6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 502.917 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 139004

Ion Ratio Lower Upper

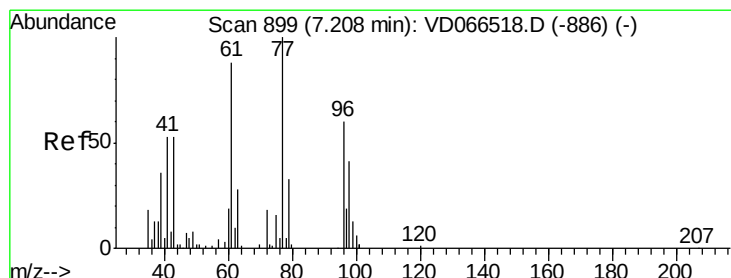
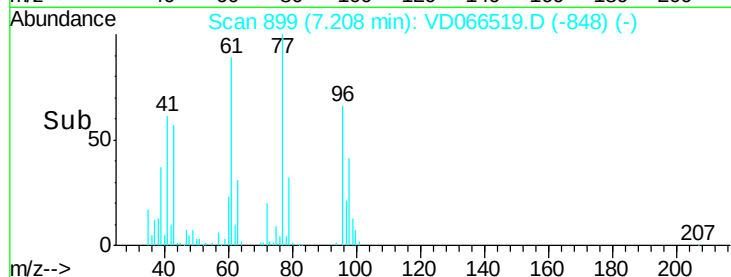
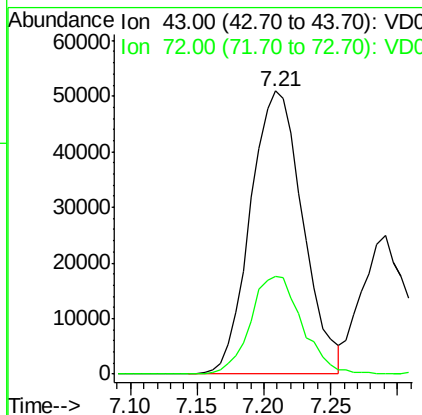
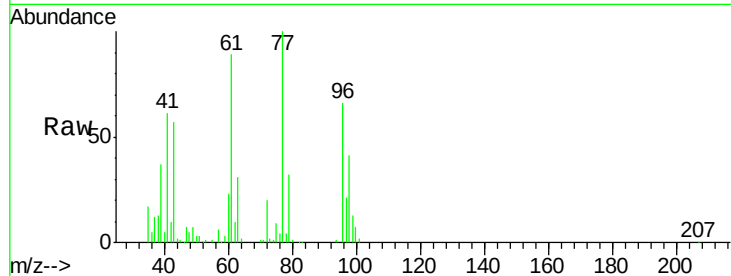
43 100

72 34.3 26.8 40.2

Manual Integrations
APPROVED

MMDadoda

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#26

2,2-Dichloropropane

Concen: 98.142 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066519.D

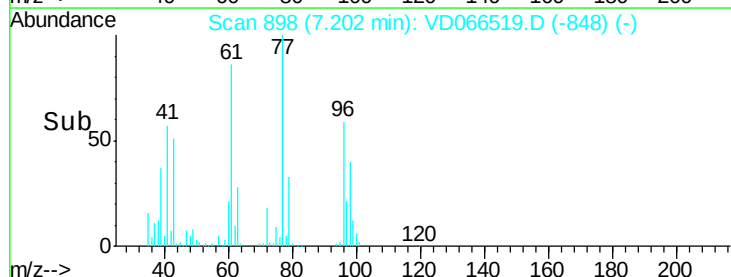
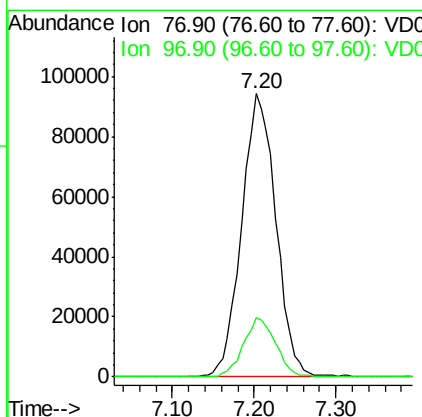
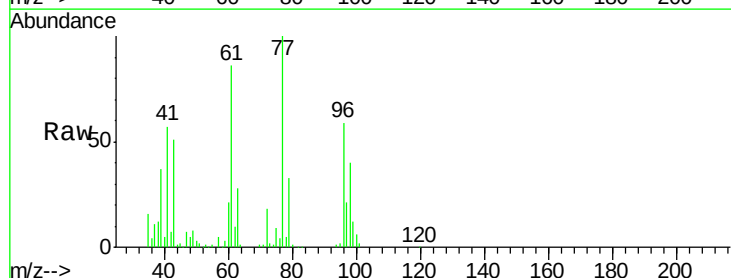
Acq: 02 Sep 2020 13:10

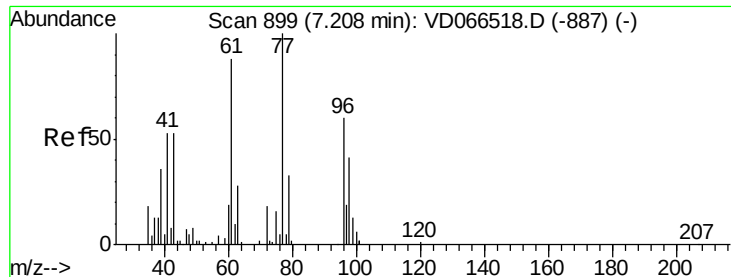
Tgt Ion: 77 Resp: 274096

Ion Ratio Lower Upper

77 100

97 19.8 10.2 30.4





#27

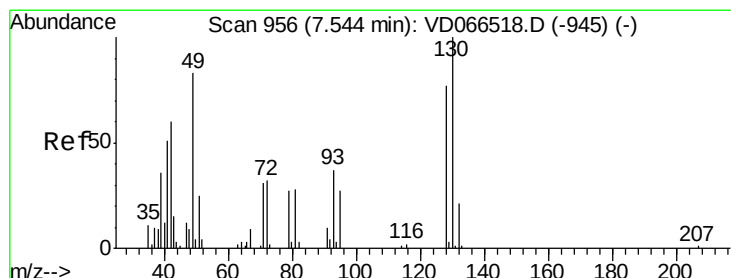
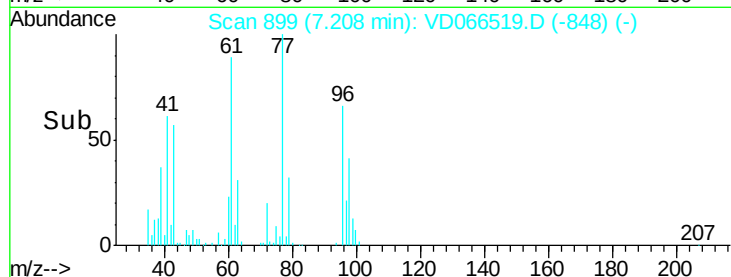
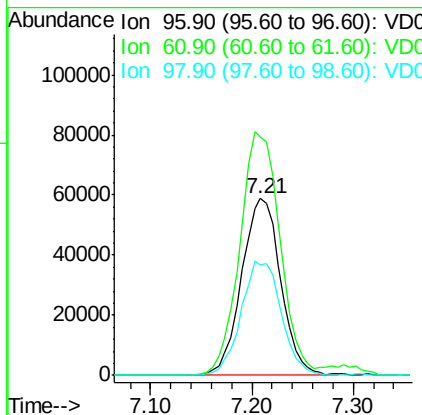
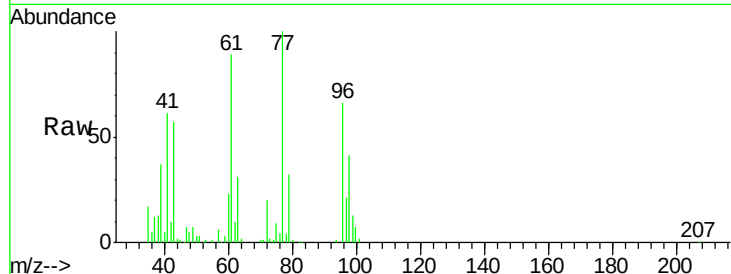
cis-1,2-Dichloroethene
 Concen: 101.576 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	292.8
98	66.1	0.0	130.2

Manual Integrations
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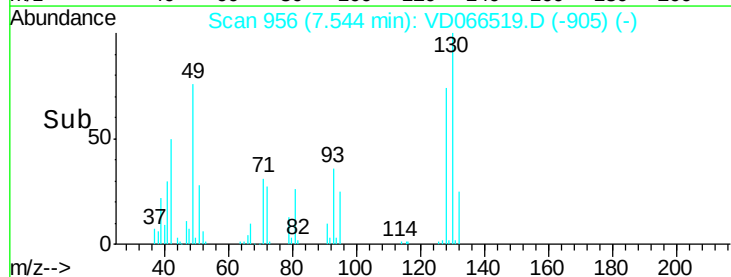
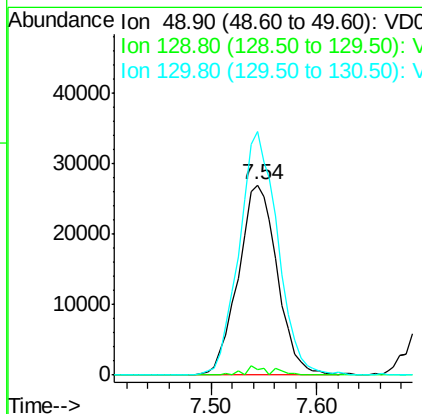
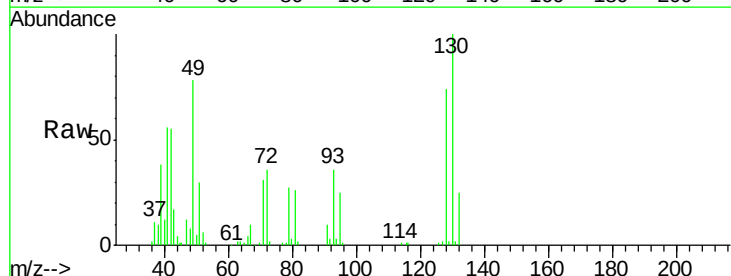
MMDadoda
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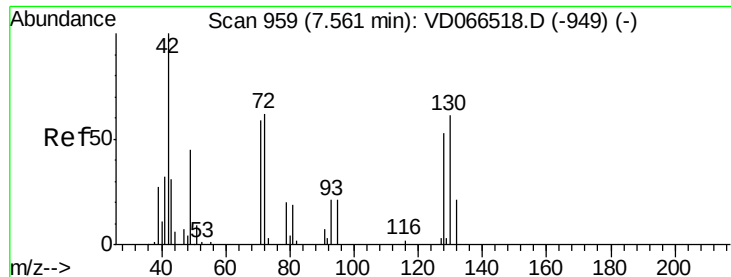


#28

Bromochloromethane
 Concen: 108.617 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	1.2#
130	126.2	98.0	147.0





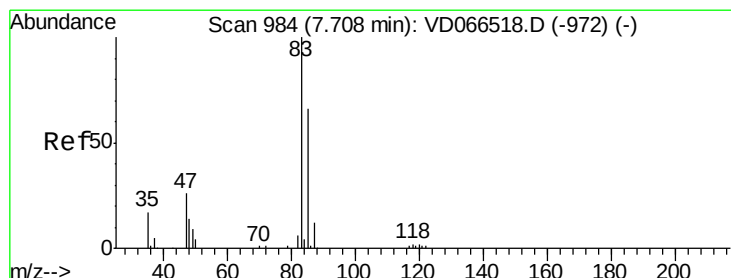
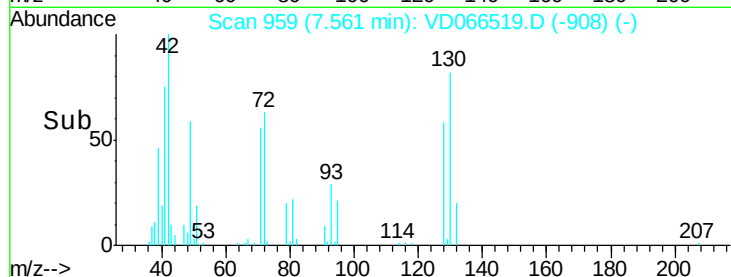
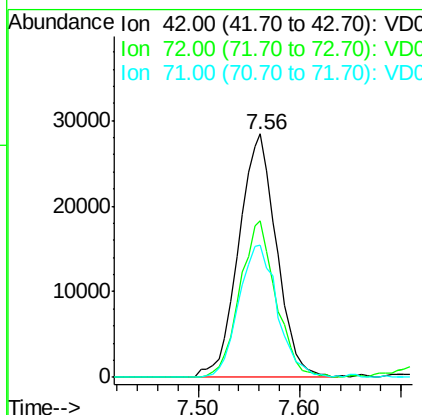
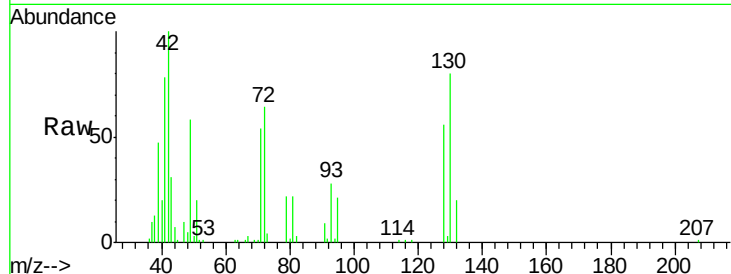
#29
Tetrahydrofuran
Concen: 518.767 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.3	48.6	72.8
71	55.4	43.2	64.8

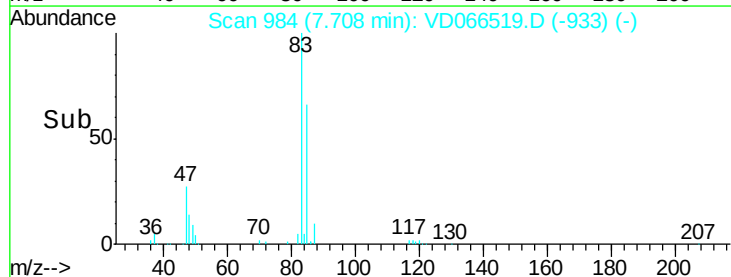
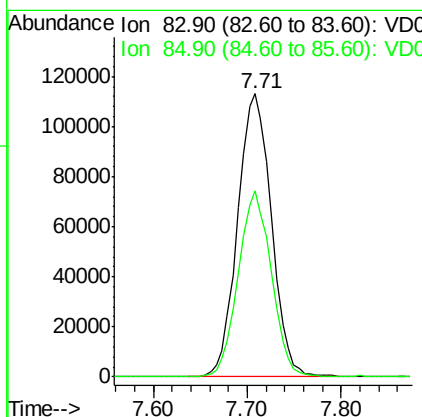
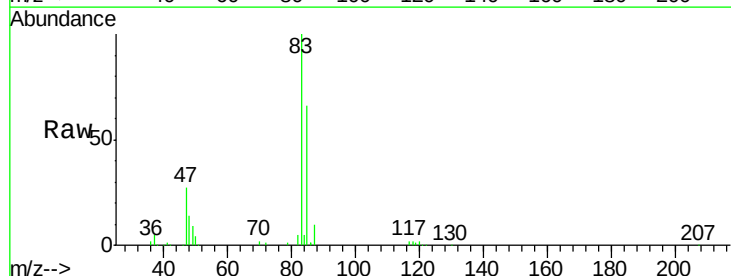
Manual Integrations
APPROVED

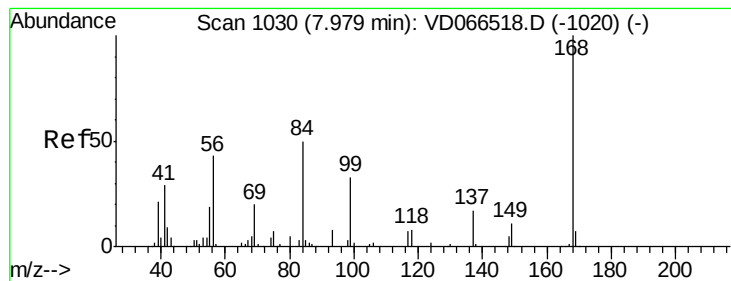
MMDadoda
9/3/2020 4:57:18 PM



#30
Chloroform
Concen: 99.003 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	79.0





#31

Cyclohexane

Concen: 87.325 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 166298

Ion Ratio Lower Upper

56 100

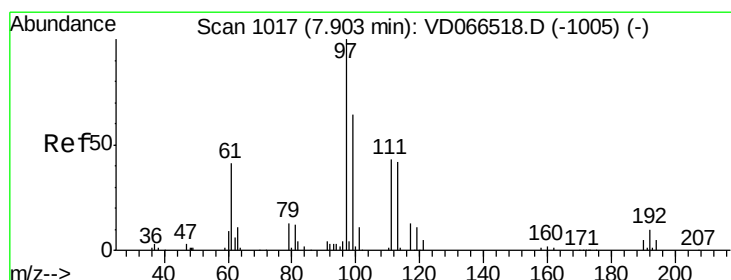
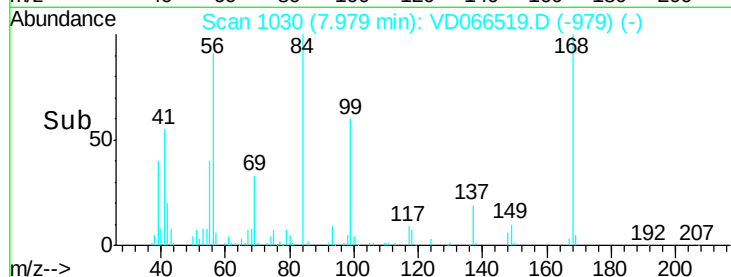
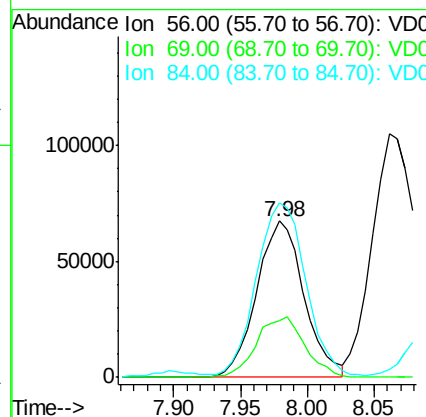
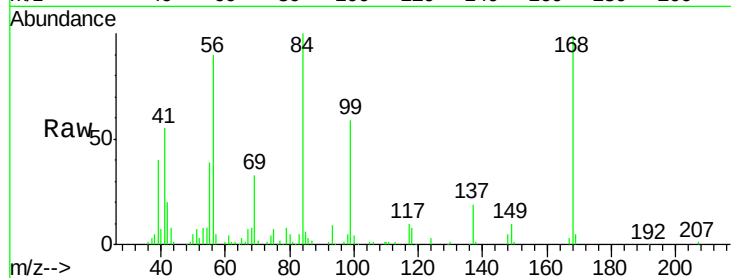
69 36.3 36.8 55.2#

84 109.0 93.4 140.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 98.940 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

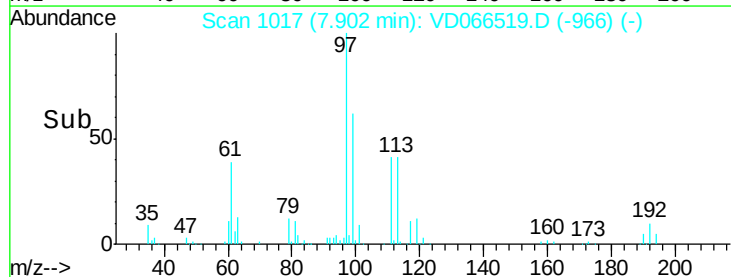
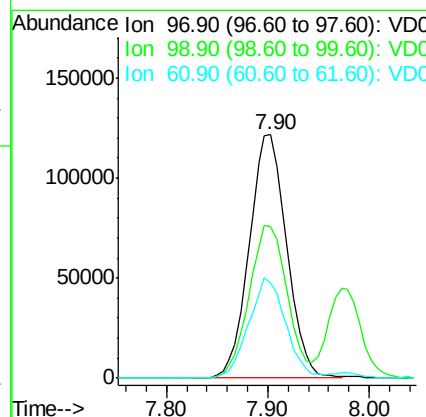
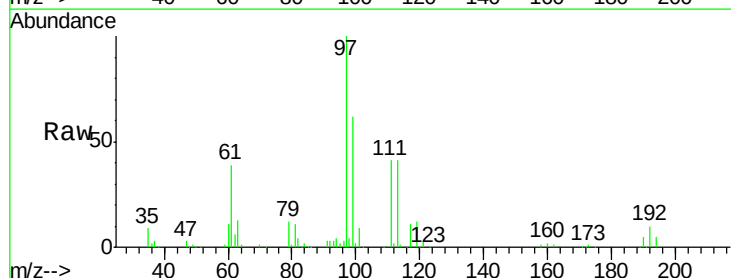
Tgt Ion: 97 Resp: 313608

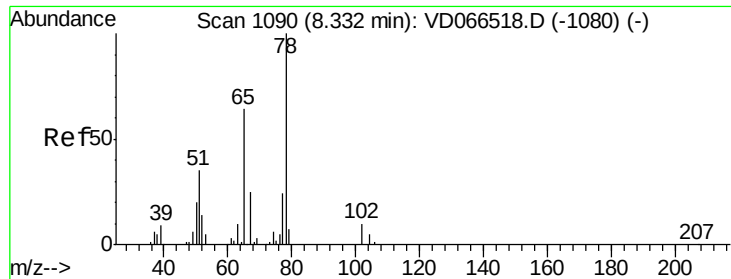
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 40.4 32.6 48.8





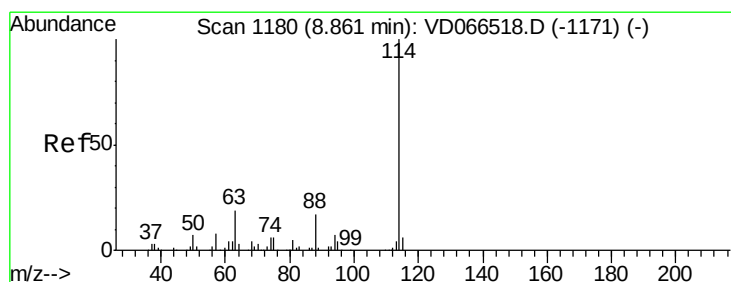
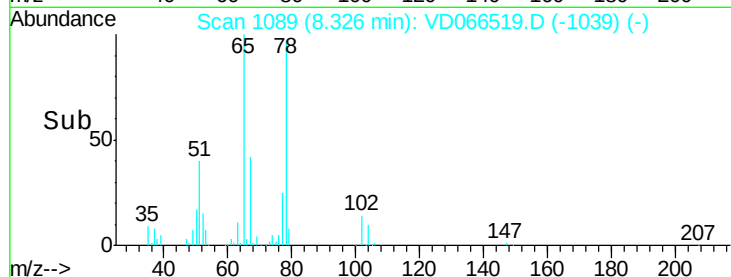
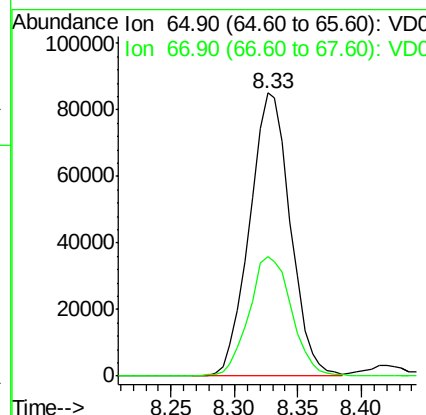
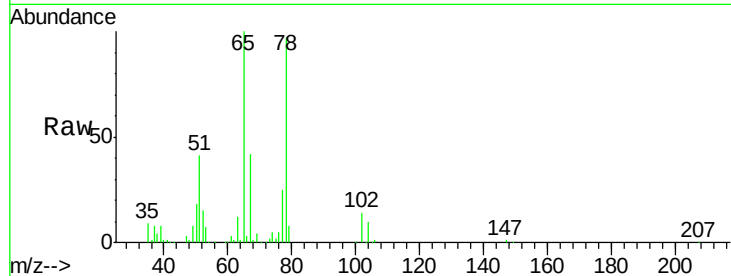
#33
 1,2-Dichloroethane-d4
 Concen: 105.466 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190437		
67	44.1	0.0	88.2	

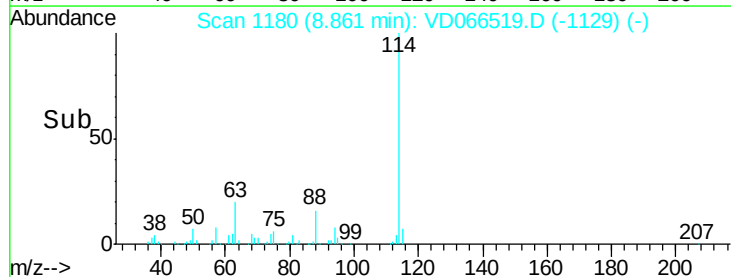
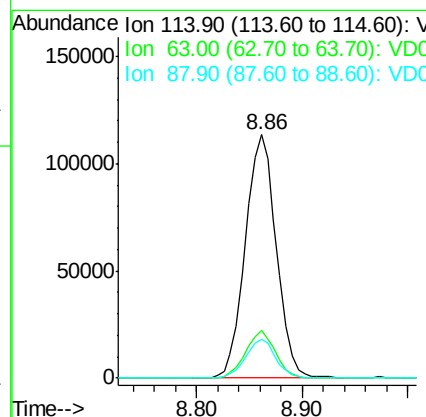
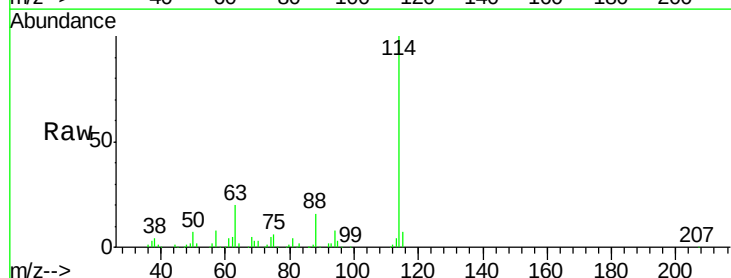
Manual Integrations
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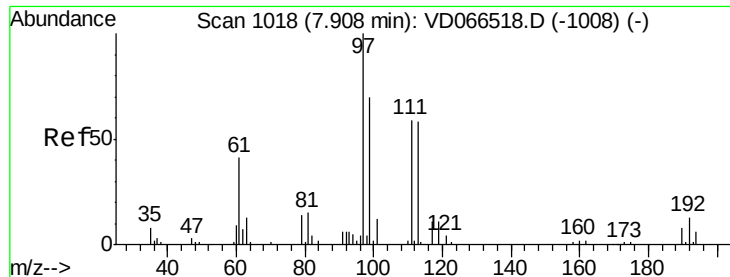
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	231297		
63	19.8	0.0	38.6	
88	16.0	0.0	33.6	





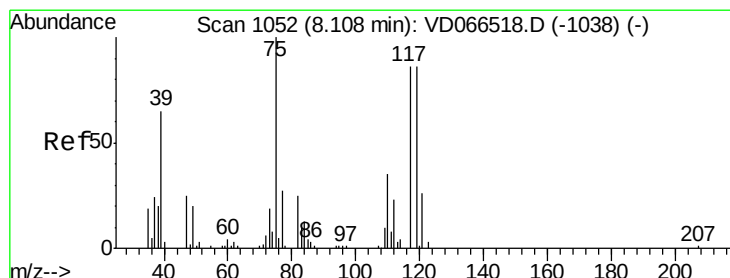
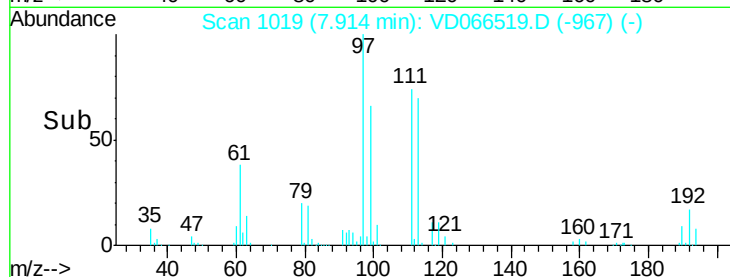
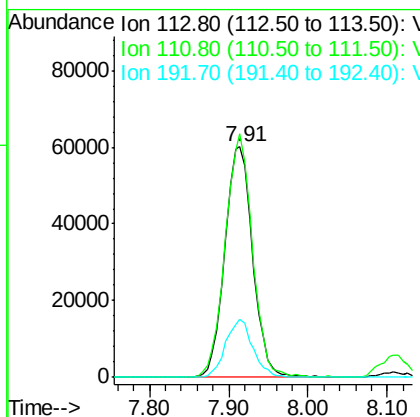
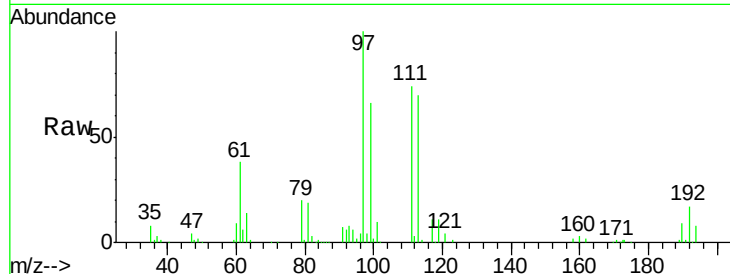
#35
 Dibromofluoromethane
 Concen: 104.860 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145874		
111	103.3	82.5	123.7	
192	24.4	20.7	31.1	

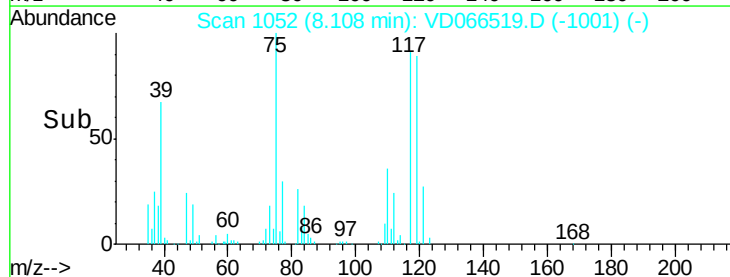
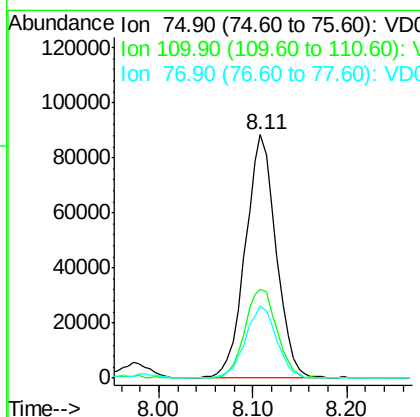
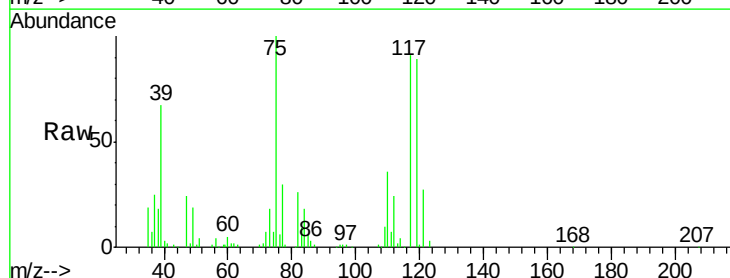
Manual Integrations
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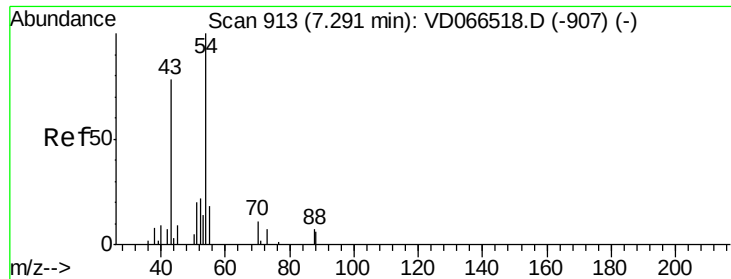
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 98.679 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200077		
110	38.1	18.4	55.2	
77	30.2	24.6	36.8	





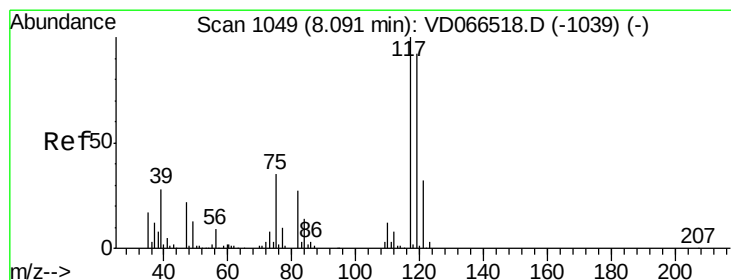
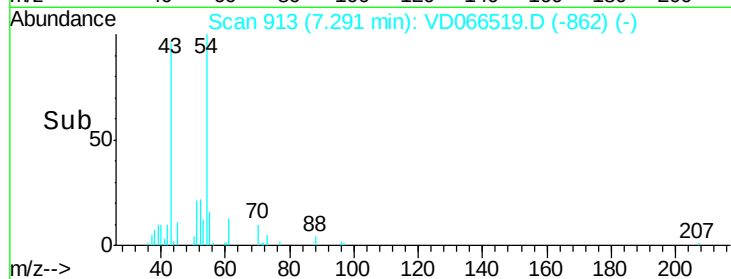
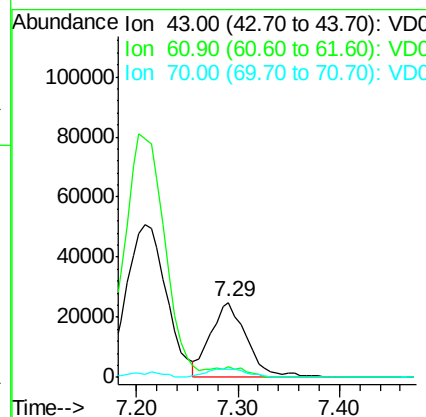
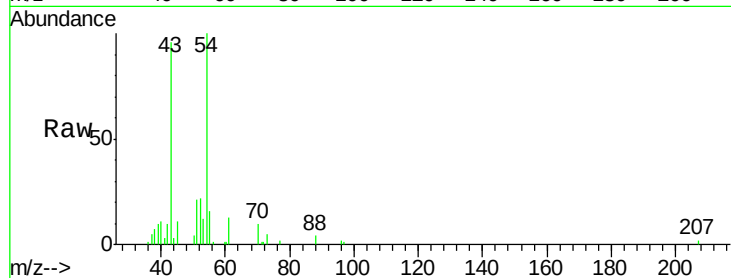
#37
Ethyl Acetate
Concen: 100.210 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	12.6	10.2	15.2

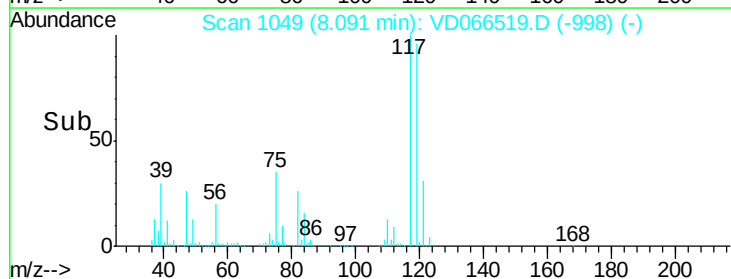
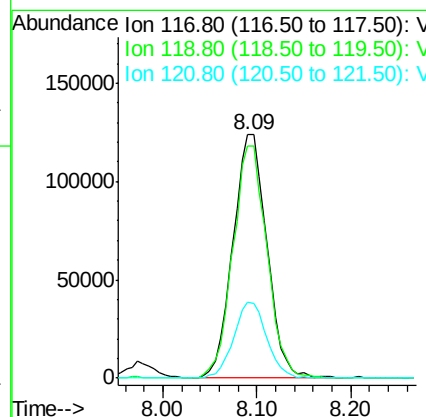
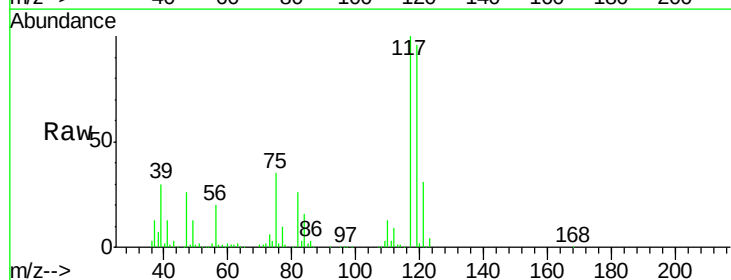
Manual Integrations
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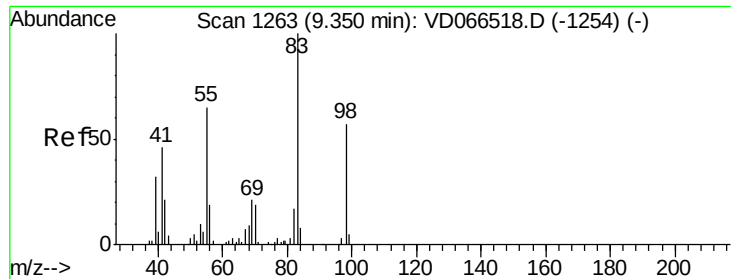
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#38
Carbon Tetrachloride
Concen: 100.255 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.9	110.9
121	31.3	25.6	38.4





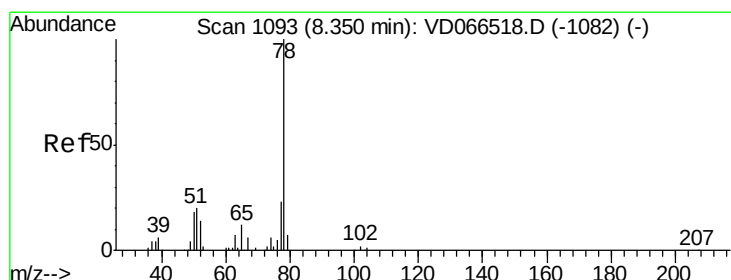
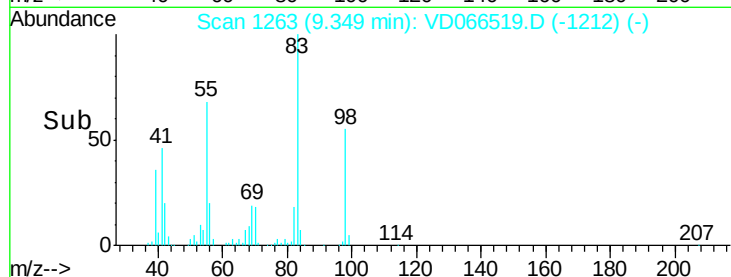
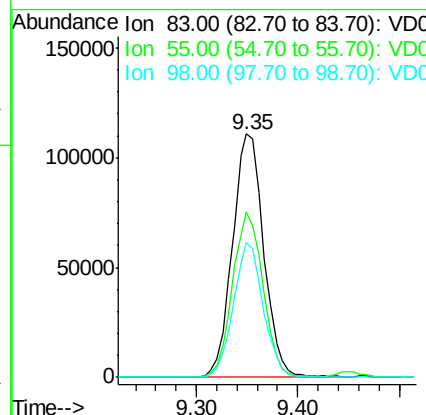
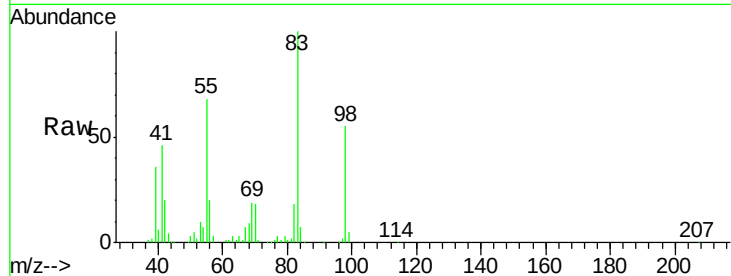
#39
Methylvlcyclohexane
Concen: 99.841 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	52.2	78.2
98	55.5	45.6	68.4

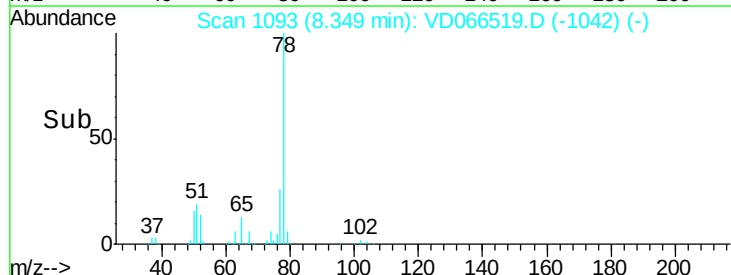
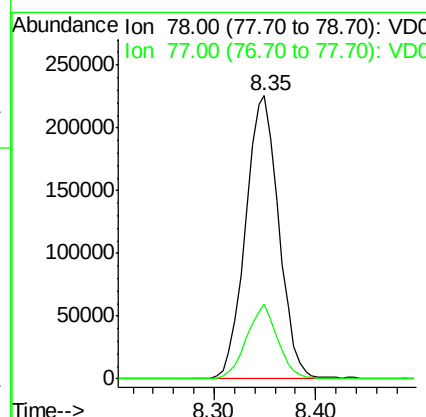
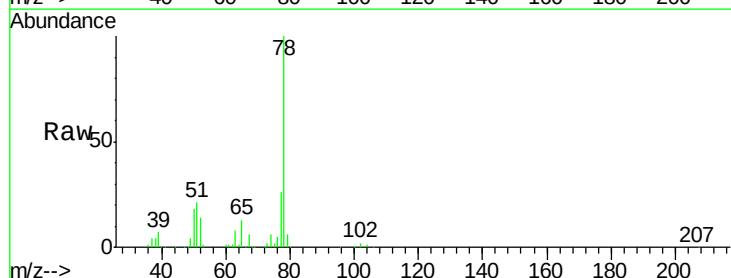
Manual Integrations
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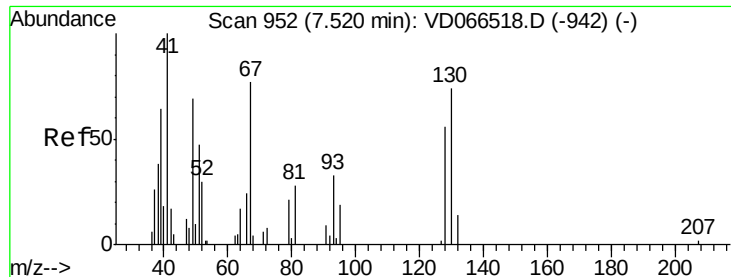
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#40
Benzene
Concen: 98.228 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.4	18.1	27.1





#41

Methacrylonitrile

Concen: 83.060 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 28782

Ion Ratio Lower Upper

41 100

39 131.0 0.0 0.0#

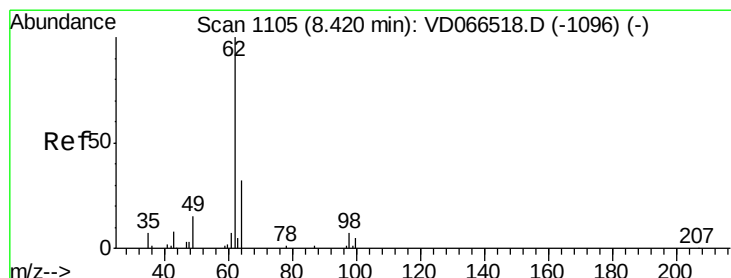
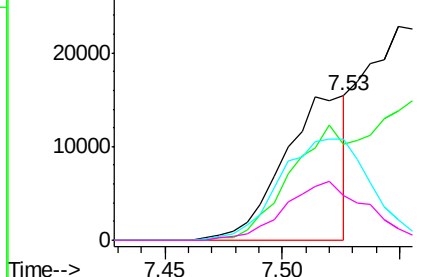
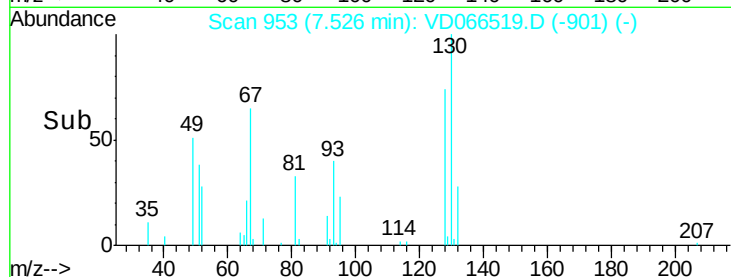
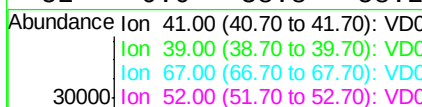
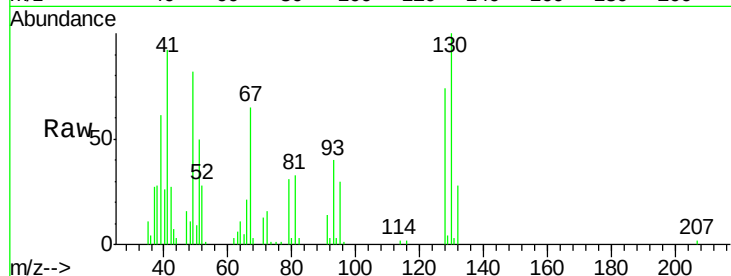
67 0.0 85.0 127.4#

52 0.0 38.8 58.2#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 100.448 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066519.D

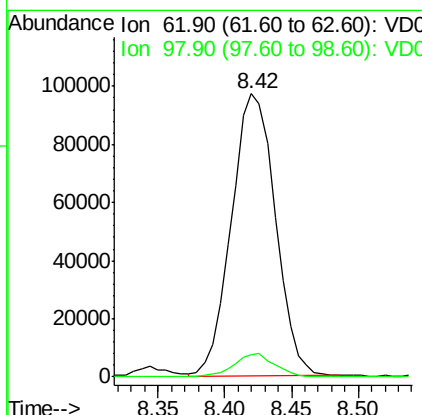
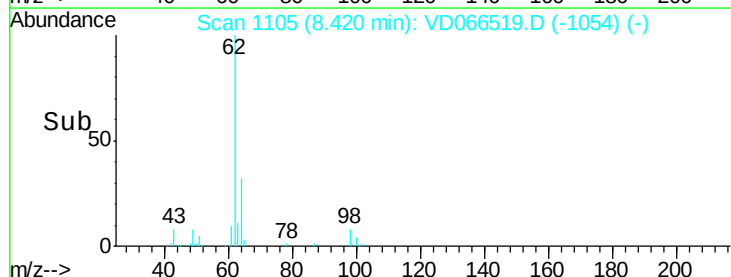
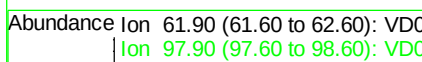
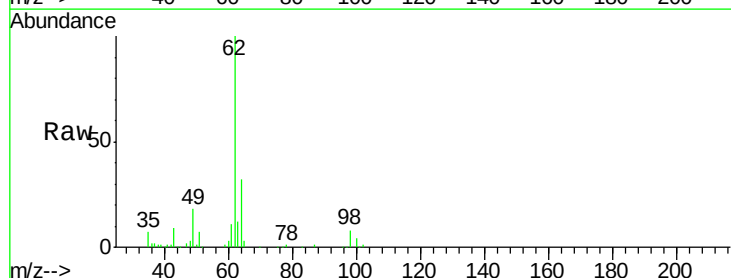
Acq: 02 Sep 2020 13:10

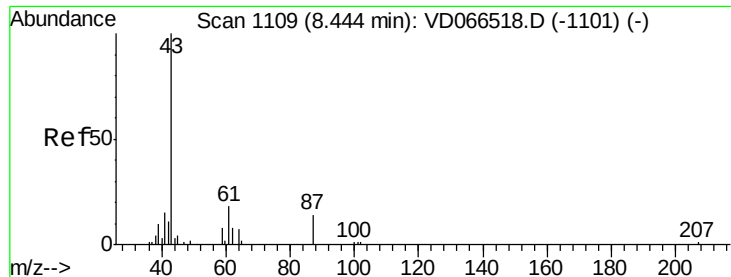
Tgt Ion: 62 Resp: 222257

Ion Ratio Lower Upper

62 100

98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 104.642 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

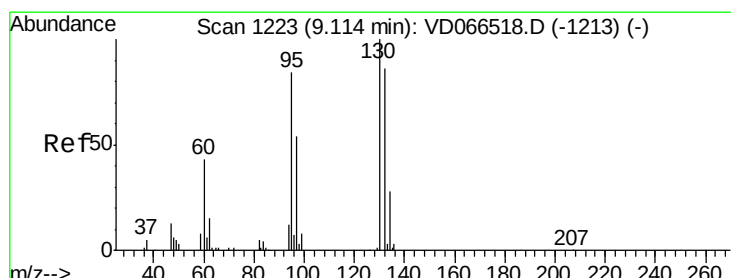
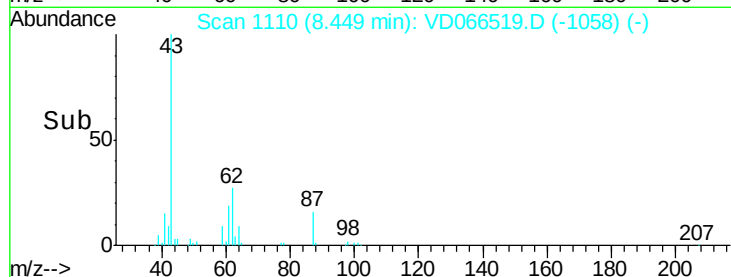
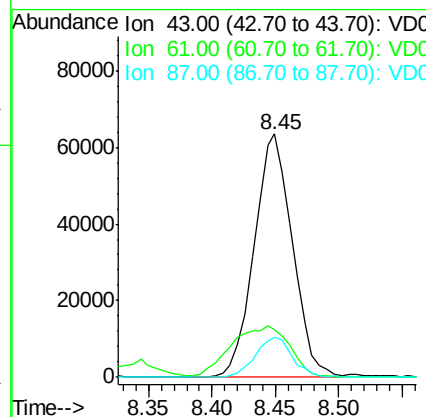
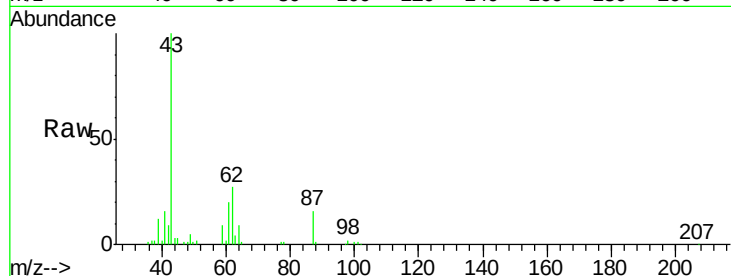
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	133411
Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.9	40.3
87	16.1	12.9	19.3

Manual Integrations
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#44

Trichloroethene

Concen: 97.659 ug/l

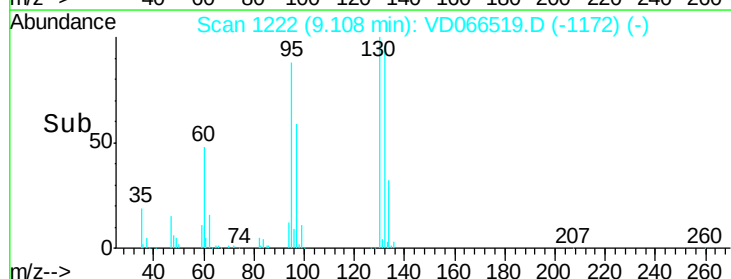
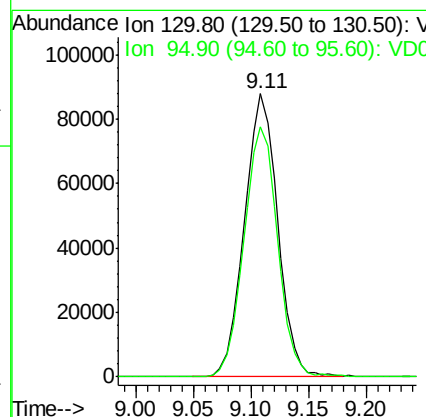
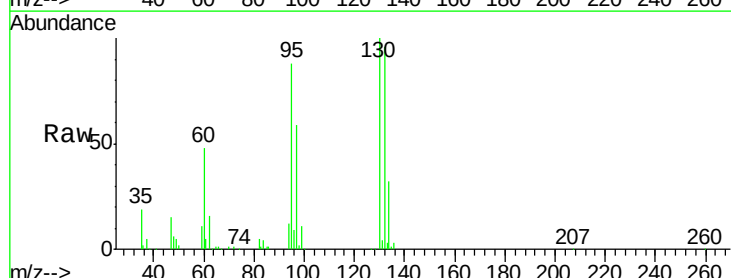
RT: 9.11 min Scan# 1222

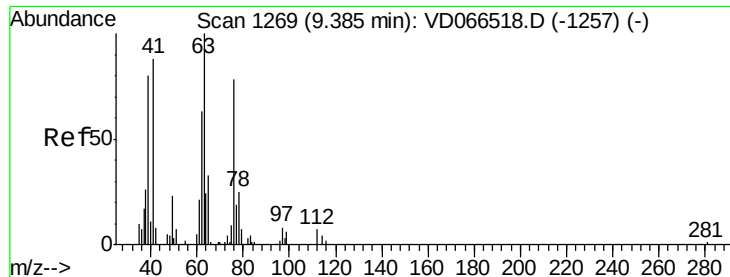
Delta R.T. -0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	130	Resp:	176300
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	167.2





#45

1,2-Dichloropropane

Concen: 100.741 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 104545

Ion Ratio Lower Upper

63 100

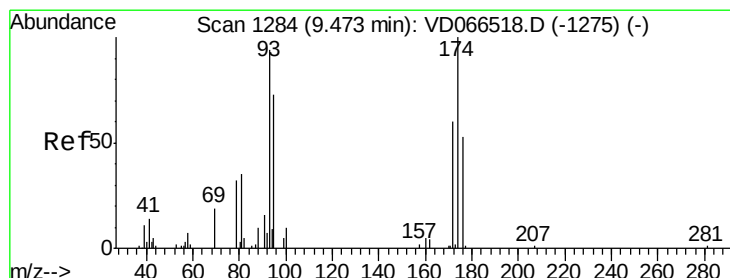
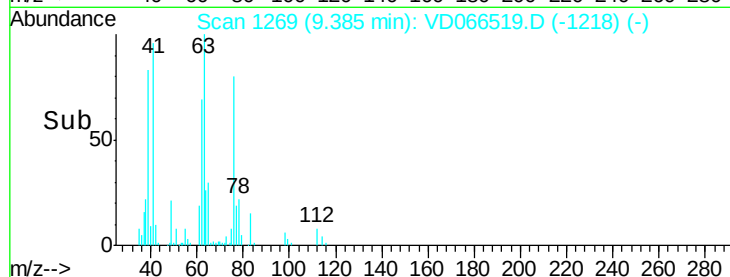
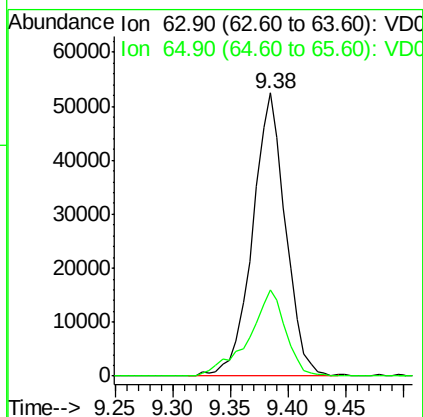
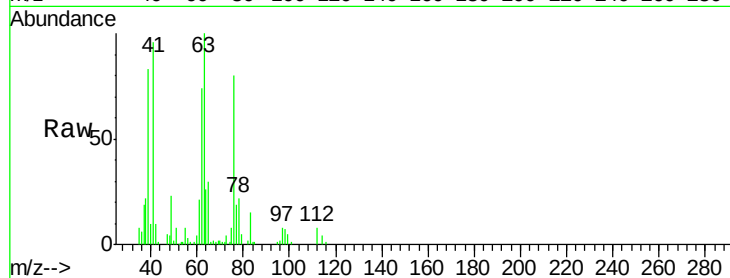
65 30.4 26.2 39.4

Manual Integrations

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#46

Dibromomethane

Concen: 99.484 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

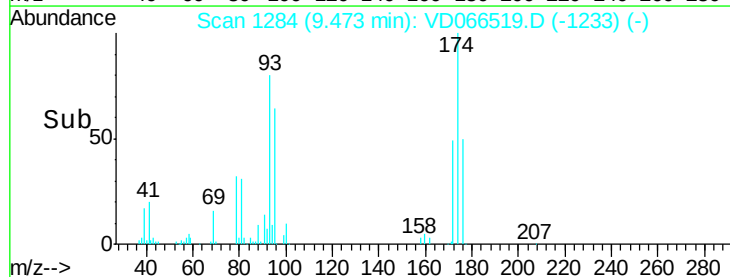
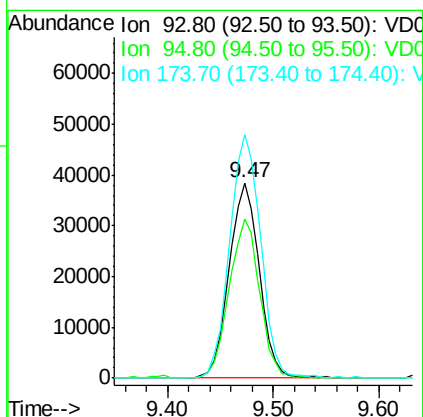
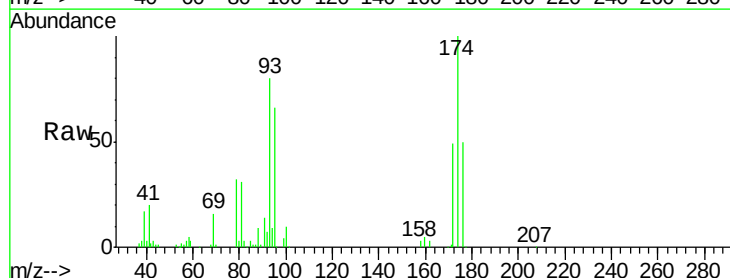
Tgt Ion: 93 Resp: 75583

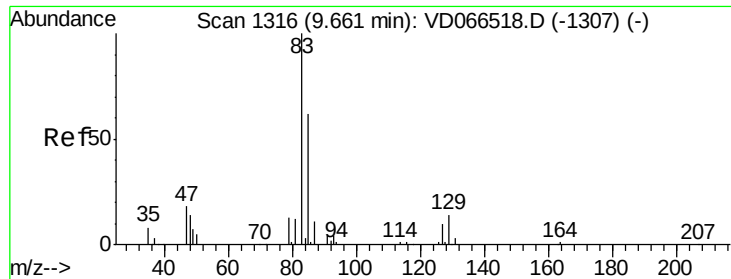
Ion Ratio Lower Upper

93 100

95 81.9 63.9 95.9

174 129.2 94.4 141.6





#47

Bromodichloromethane

Concen: 100.368 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

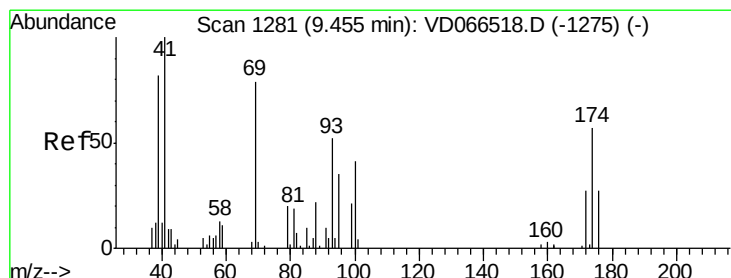
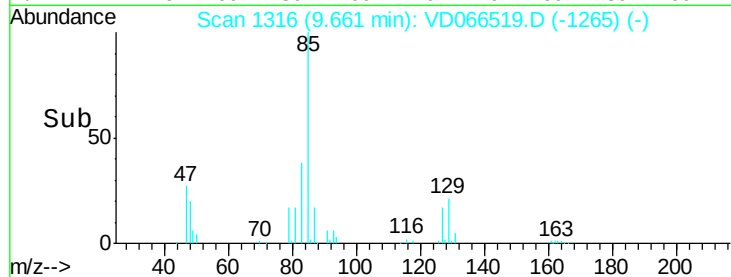
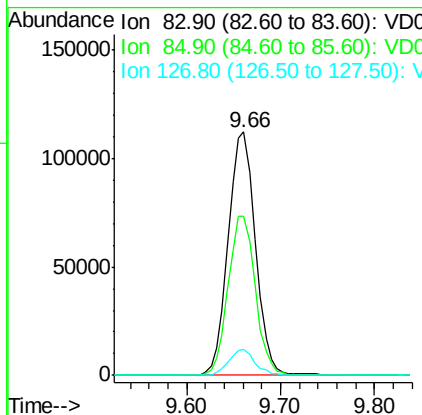
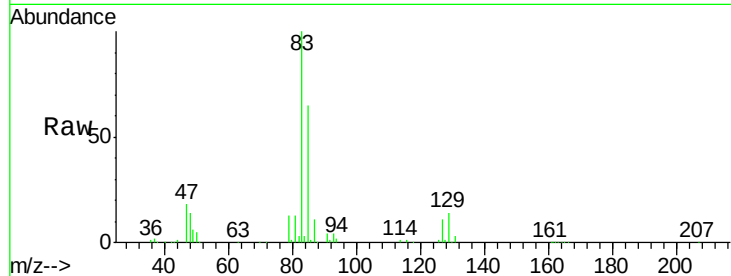
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	226638
Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.6	74.4
127	10.8	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 101.238 ug/l

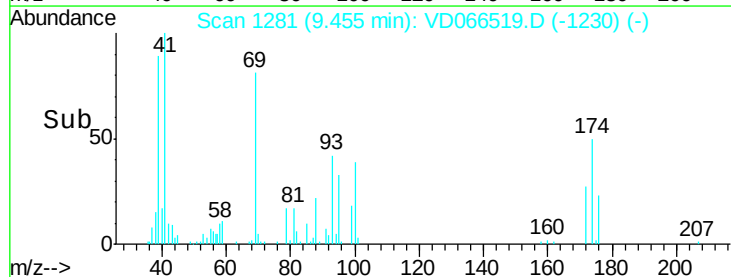
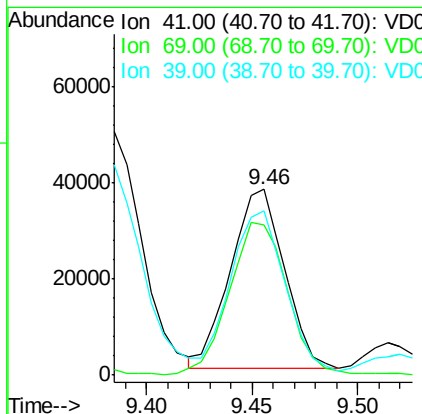
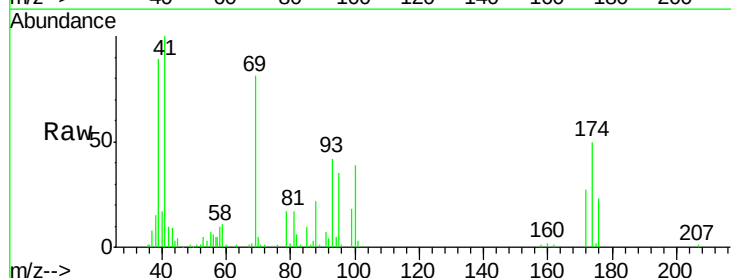
RT: 9.46 min Scan# 1281

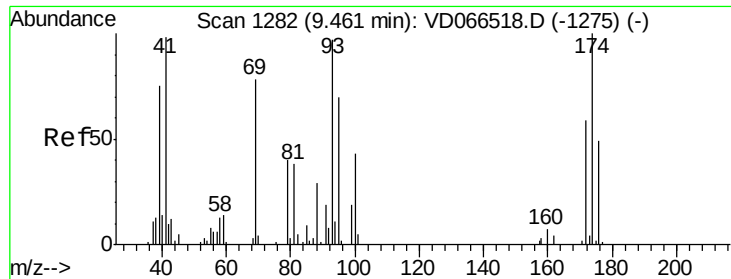
Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	41	Resp:	65777
Ion	Ratio	Lower	Upper
41	100		
69	92.7	71.1	106.7
39	88.8	75.4	113.2





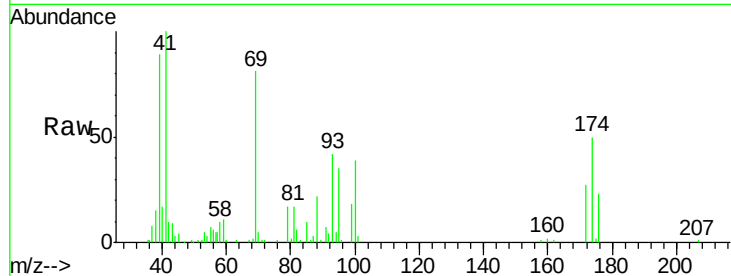
#49
1,4-Dioxane
Concen: 1966.700 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	17474
Ion	Ratio	Lower	Upper
88	100		
43	38.0	33.8	50.6
58	54.9	46.2	69.4

Manual Integrations
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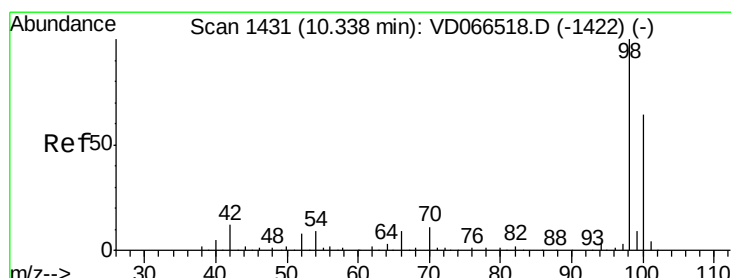
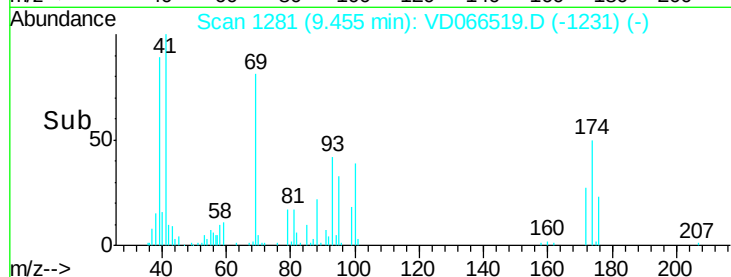
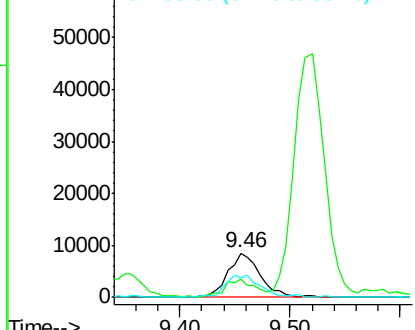


Abundance

Ion 88.00 (87.70 to 88.70): VDC

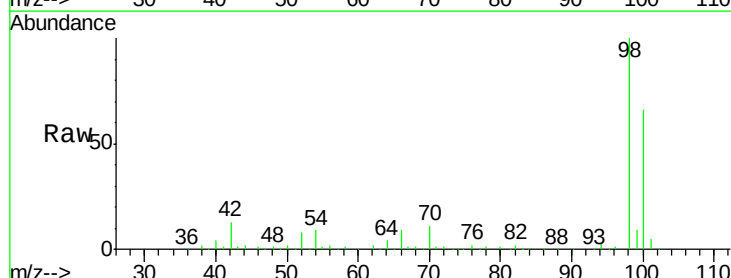
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 103.801 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

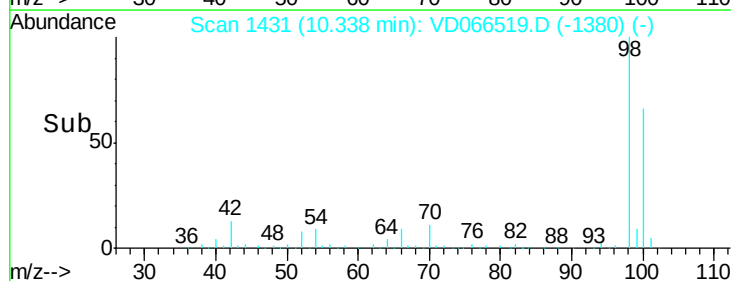
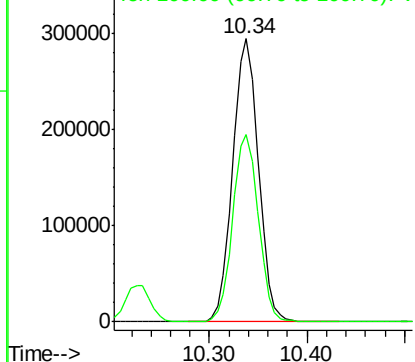
Tgt Ion	98	Resp	542217
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2

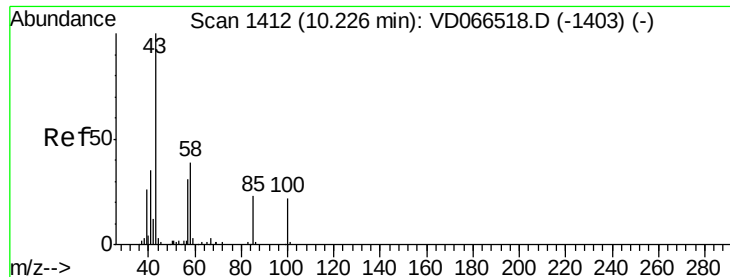


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 518.363 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 303887

Ion Ratio Lower Upper

43 100

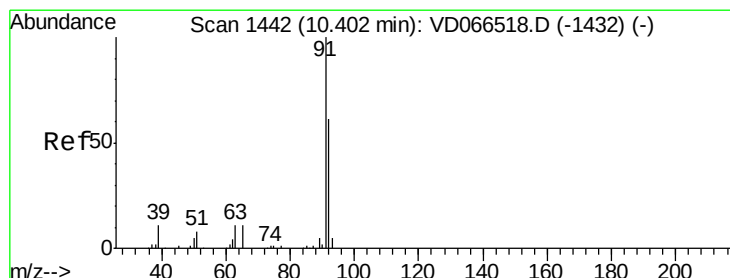
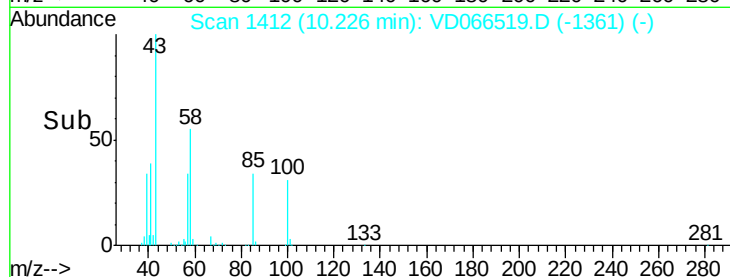
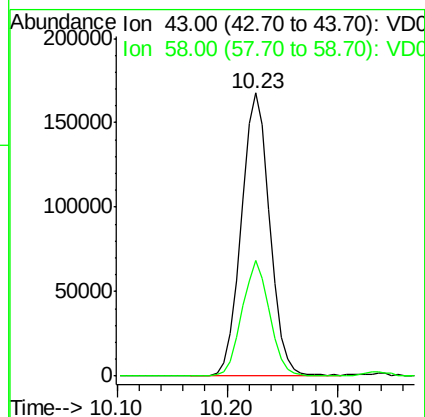
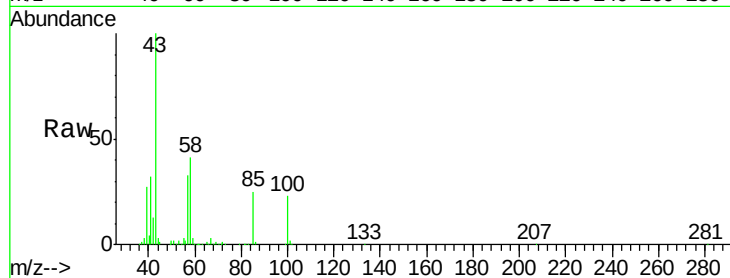
58 39.6 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 99.213 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066519.D

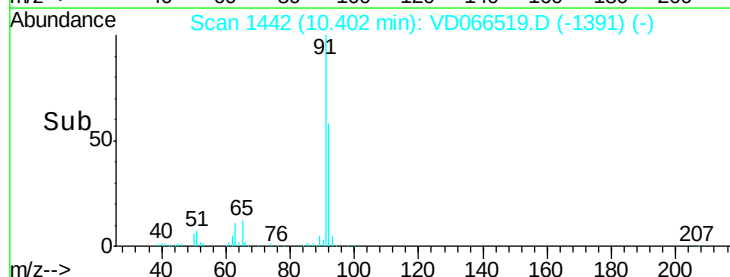
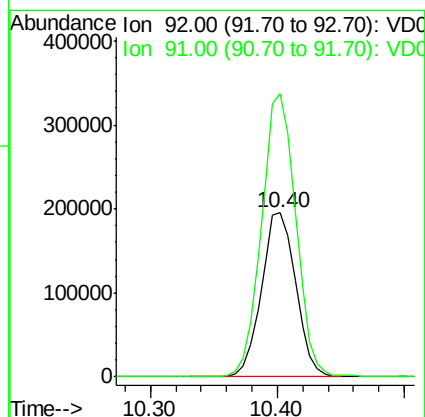
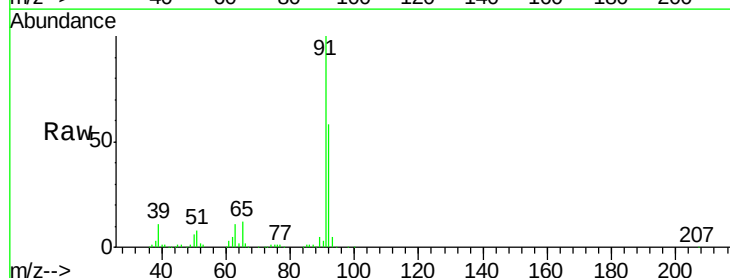
Acq: 02 Sep 2020 13:10

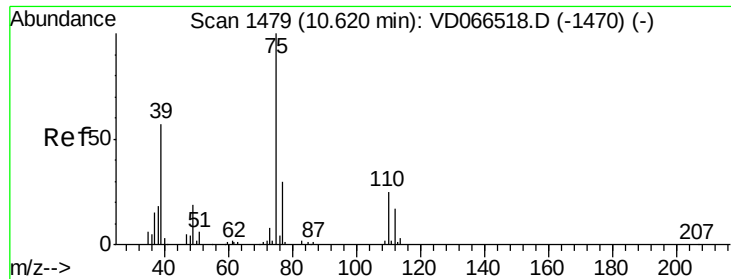
Tgt Ion: 92 Resp: 369101

Ion Ratio Lower Upper

92 100

91 172.4 135.0 202.4





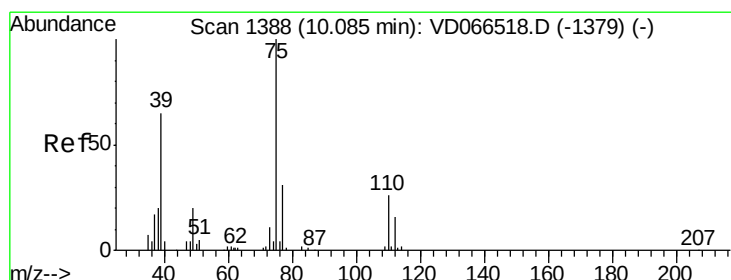
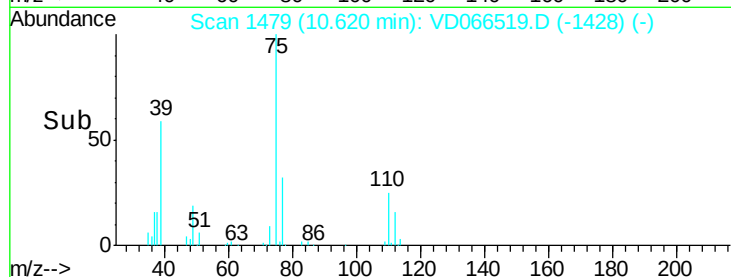
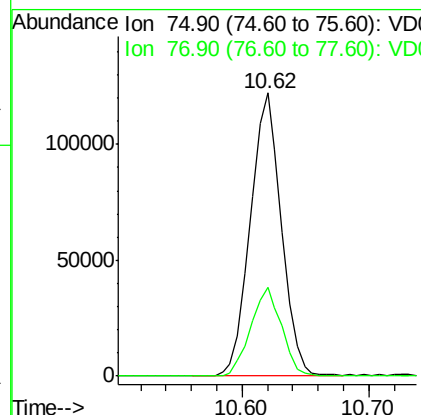
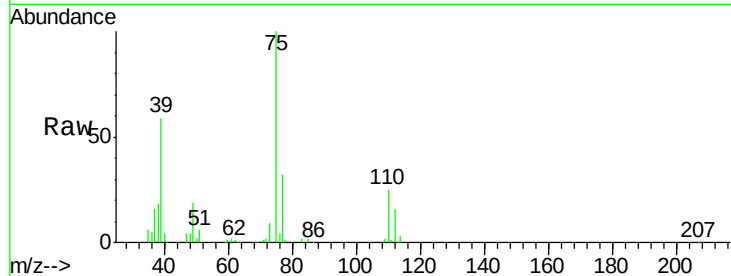
#53
t-1,3-Dichloropropene
Concen: 100.904 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion: 75 Resp: 208169
Ion Ratio Lower Upper
75 100
77 31.6 23.7 35.5

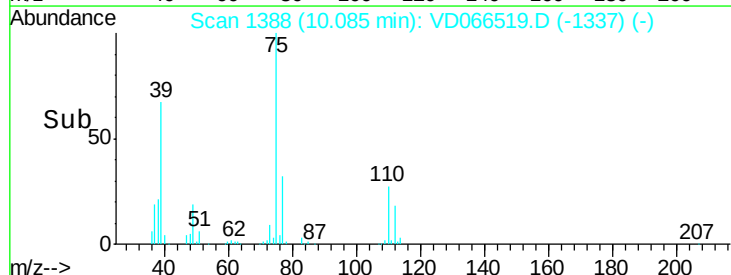
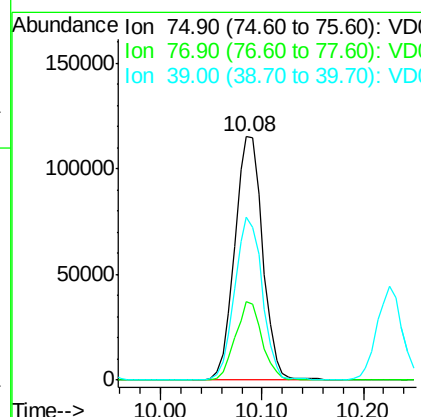
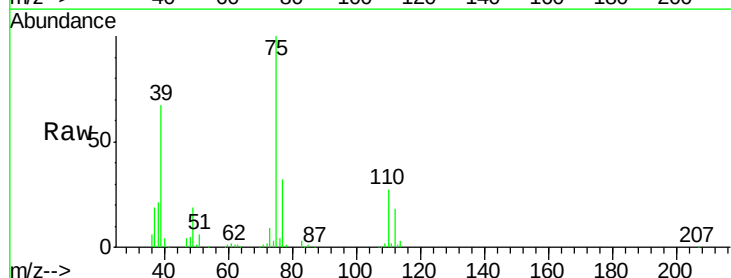
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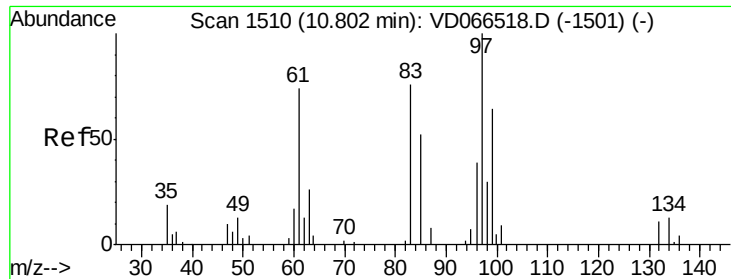
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#54
cis-1,3-Dichloropropene
Concen: 101.575 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 75 Resp: 220766
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7
39 66.8 52.4 78.6





#55

1,1,2-Trichloroethane

Concen: 100.540 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

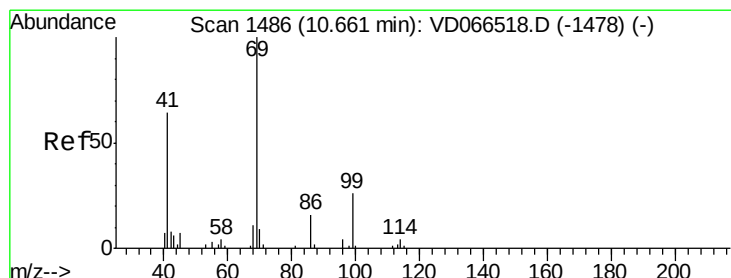
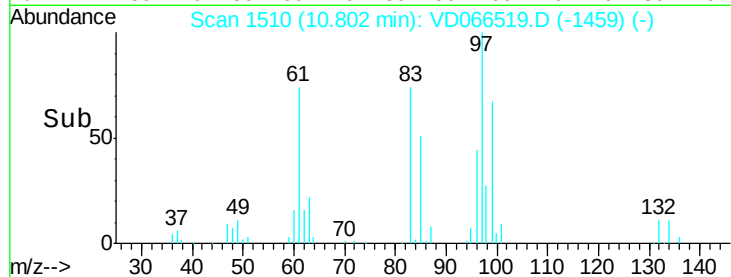
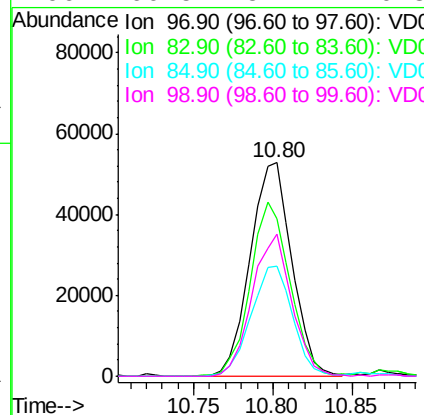
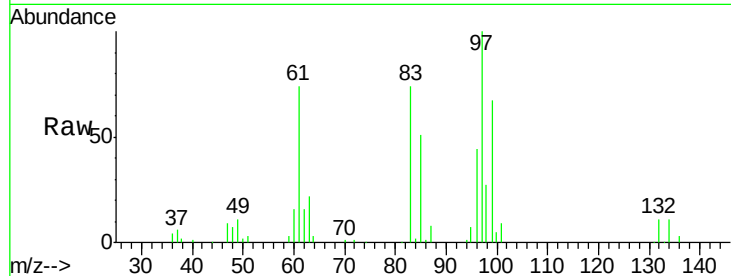
ClientSampleId :

VSTDIC100

Tot Ion:	97	Resp:	96521
Ion	Ratio	Lower	Upper
97	100		
83	73.7	61.2	91.8
85	51.3	42.0	63.0
99	66.5	51.2	76.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 103.090 ug/l

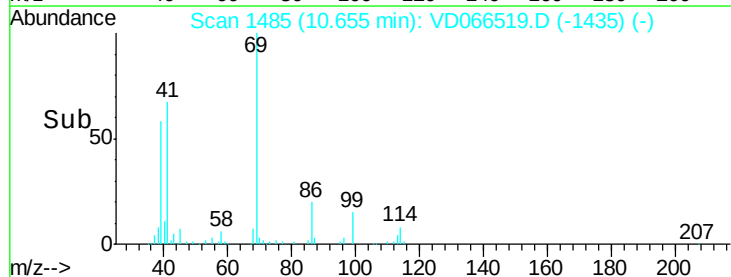
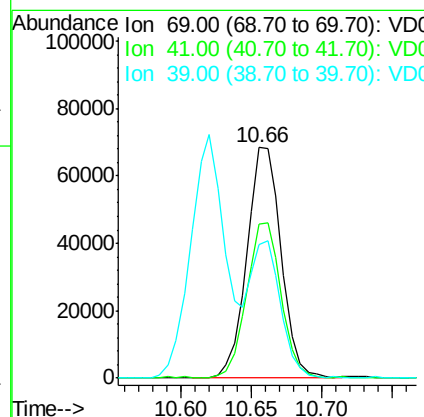
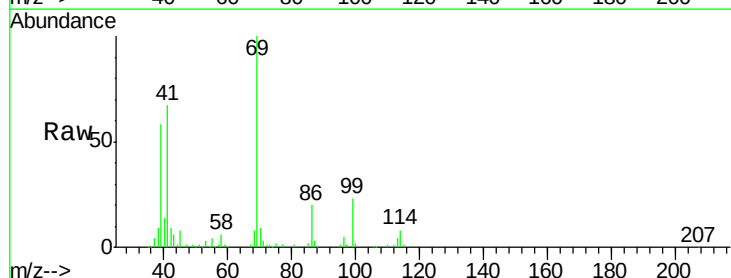
RT: 10.66 min Scan# 1485

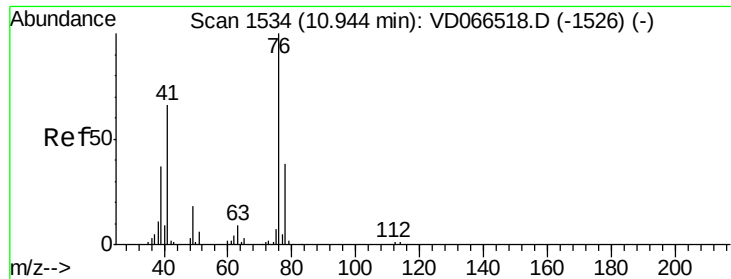
Delta R.T. -0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	69	Resp:	116473
Ion	Ratio	Lower	Upper
69	100		
41	67.8	52.5	78.7
39	52.1	42.1	63.1





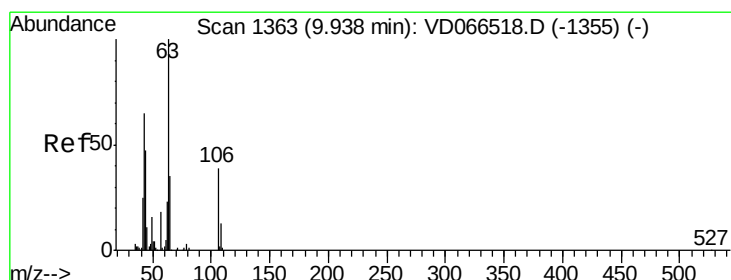
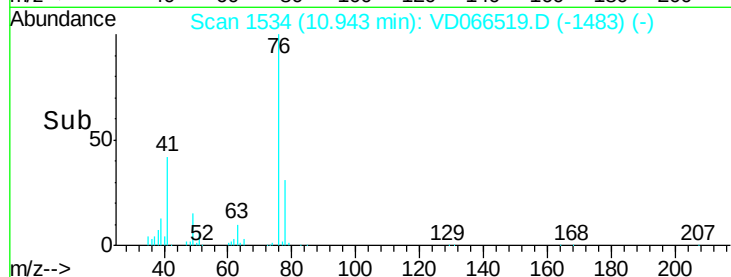
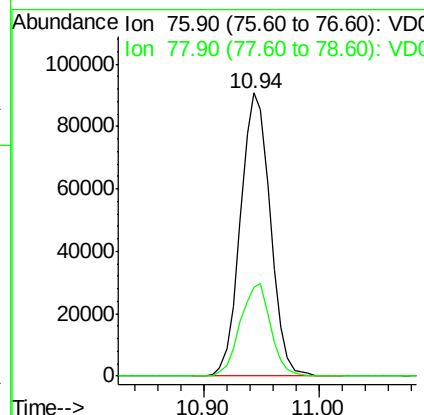
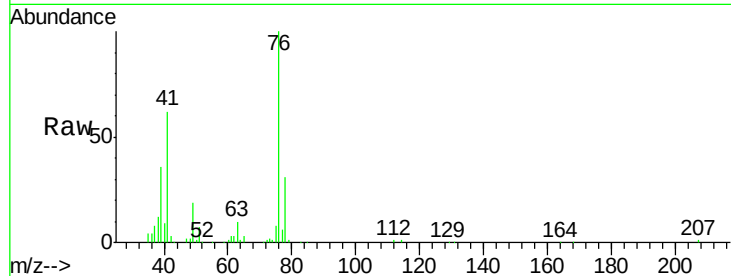
#57
 1,3-Dichloropropane
 Concen: 102.470 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	28.2	42.2

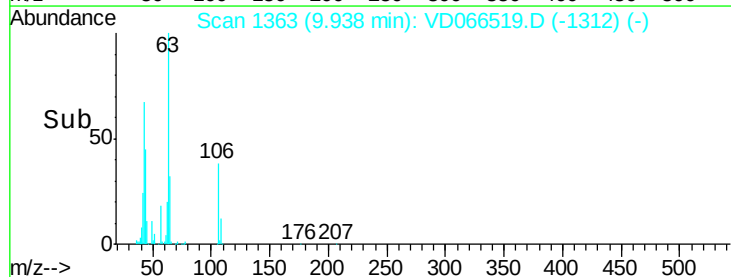
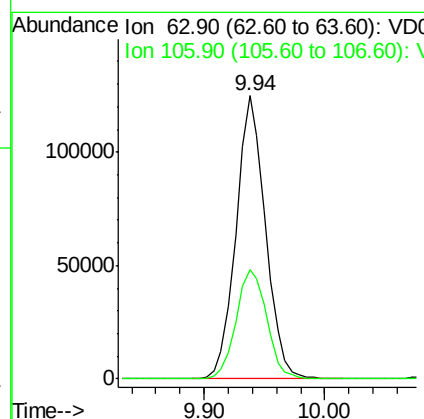
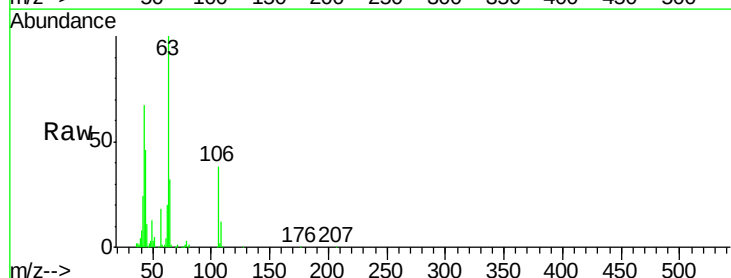
Manual Integrations
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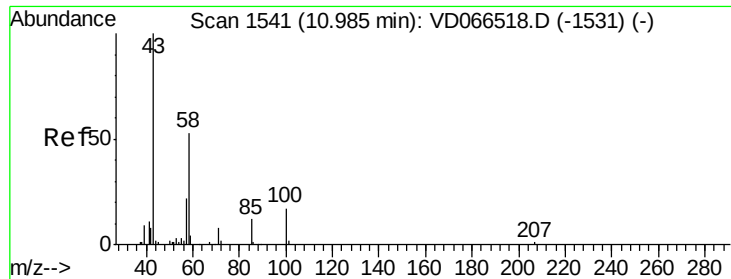
MMDadoda
 9/3/2020 4:57:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 481.123 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	40.2	32.1	48.1





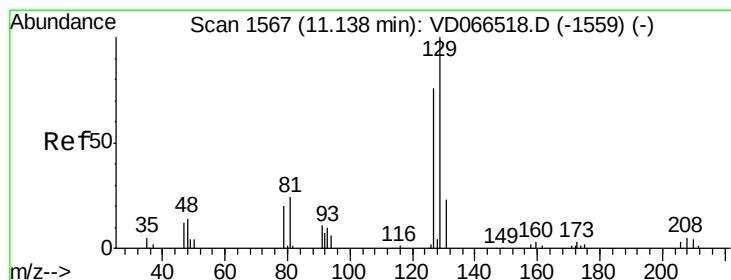
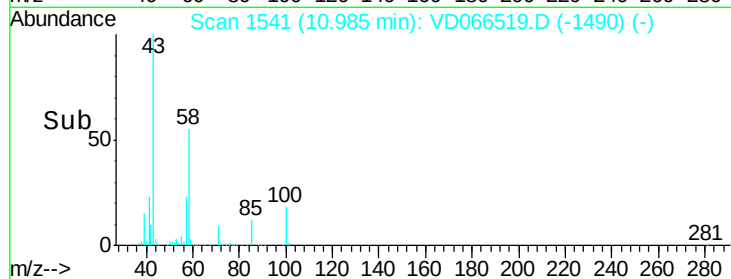
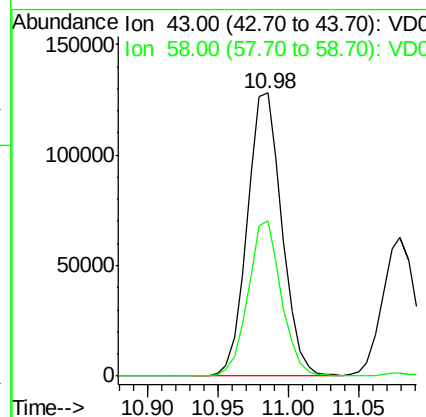
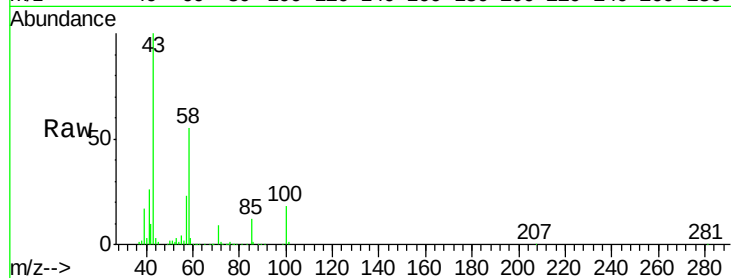
#59
2-Hexanone
Concen: 521.069 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	25.7	77.0

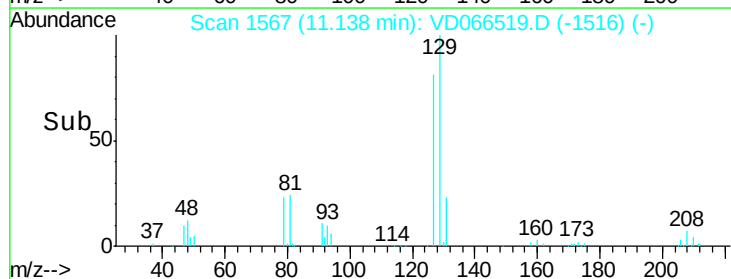
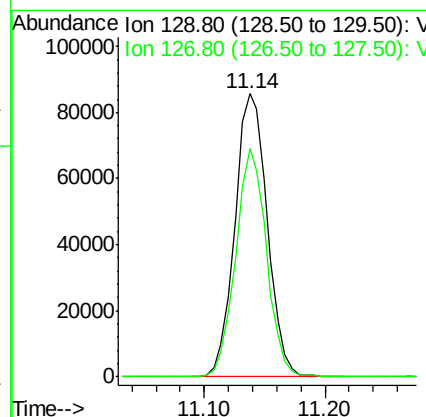
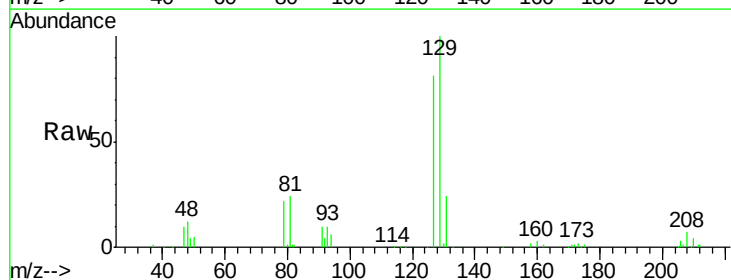
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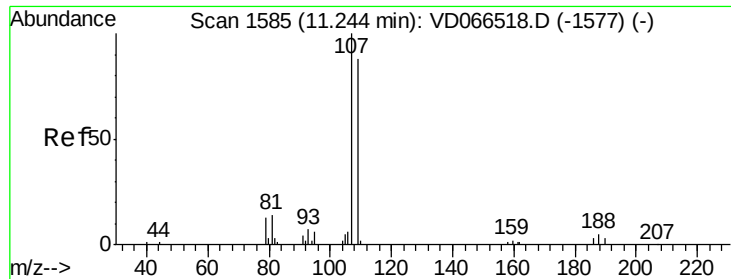
MMDadoda
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#60
Dibromochloromethane
Concen: 100.832 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.2	114.6





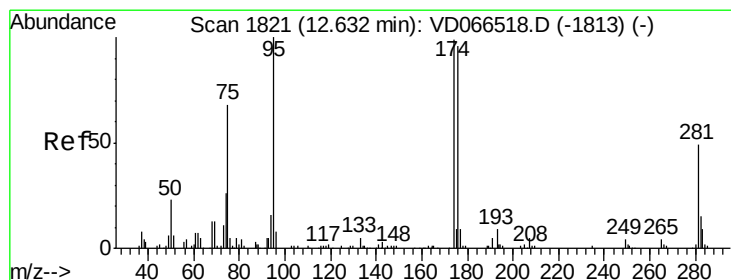
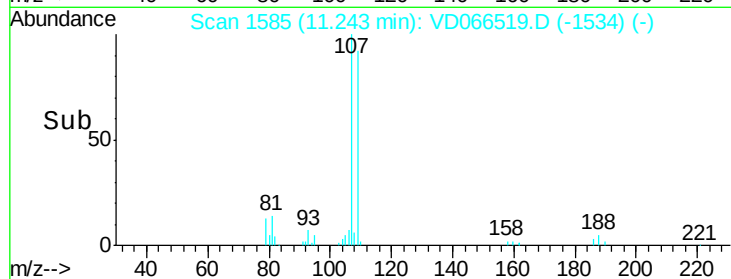
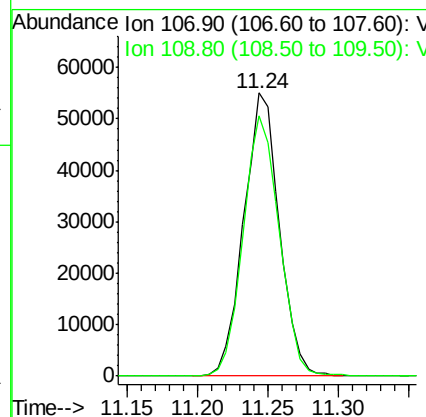
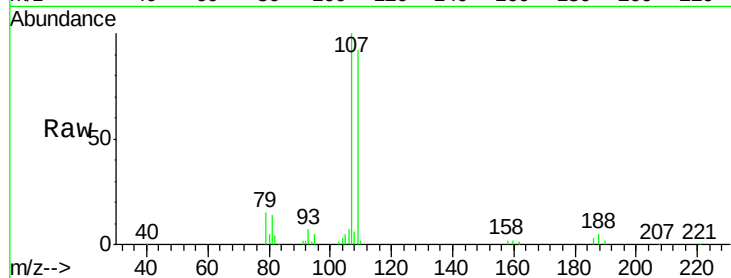
#61
 1,2-Dibromoethane
 Concen: 99.232 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8

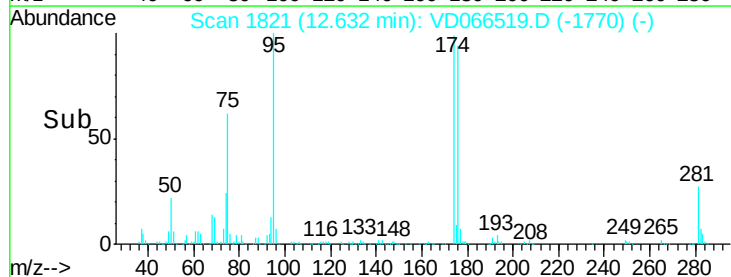
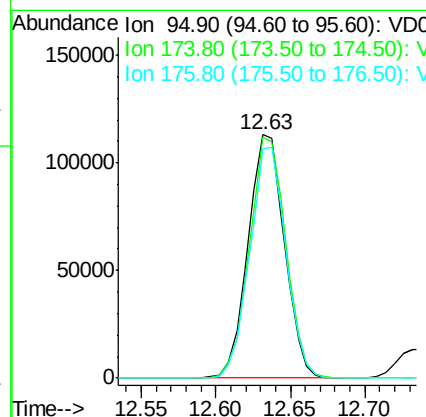
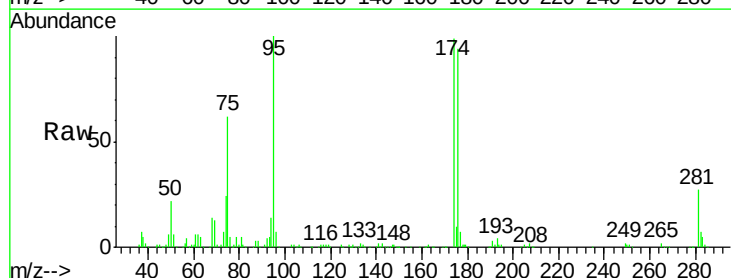
Manual Integrations
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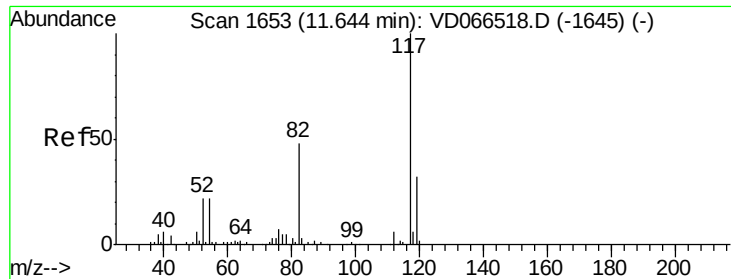
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#62
 4-Bromofluorobenzene
 Concen: 102.252 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	203.2
176	94.0	0.0	198.6





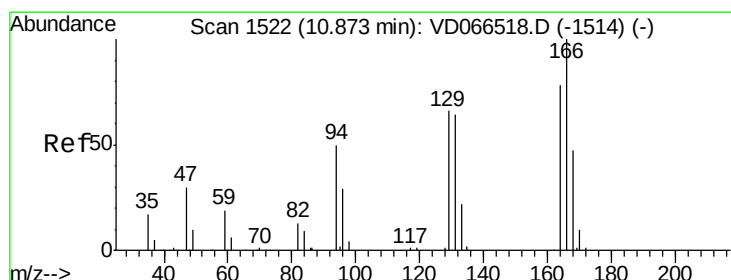
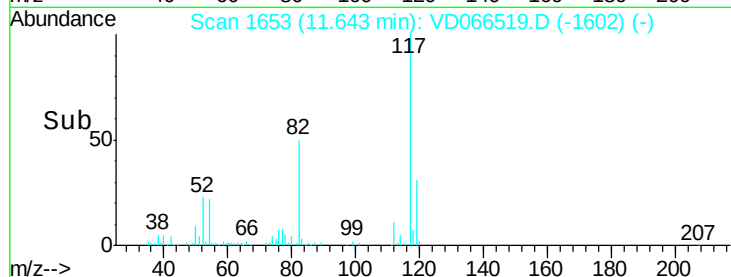
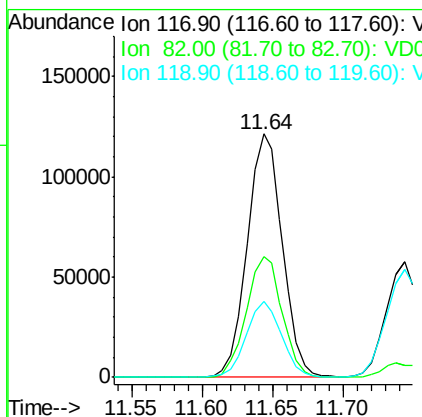
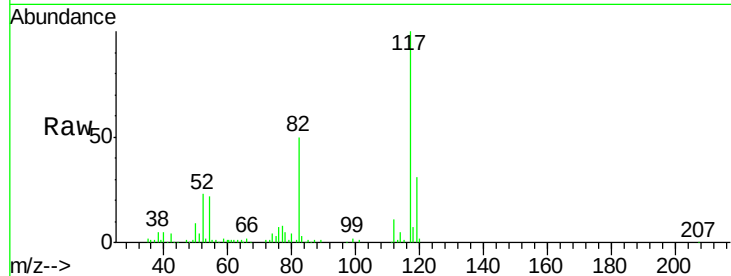
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	211571		
82	49.6		38.5	57.7
119	30.9		25.9	38.9

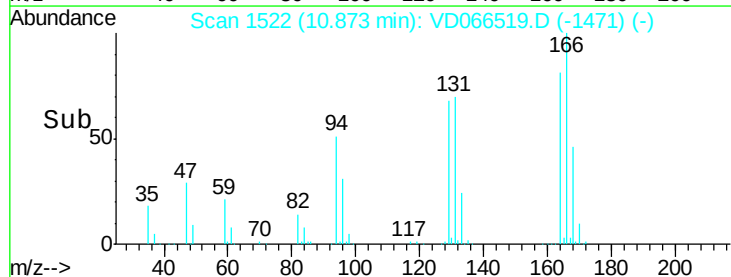
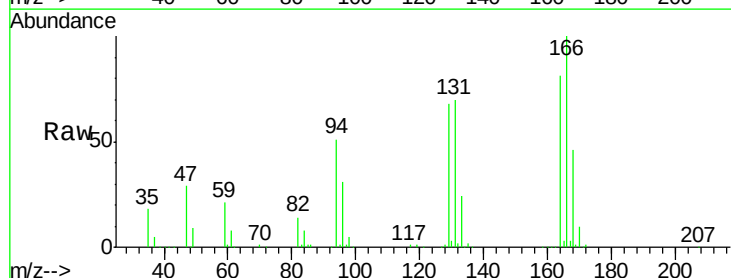
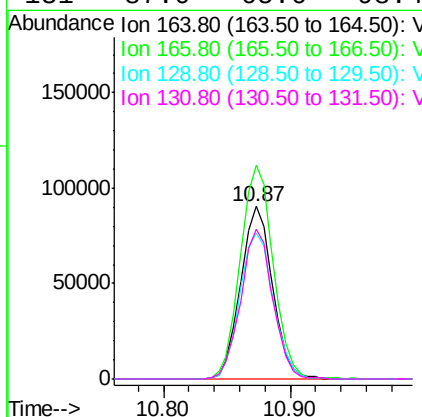
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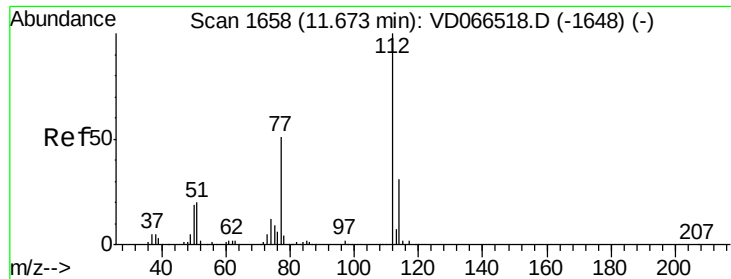
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#64
Tetrachloroethene
Concen: 96.121 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158556		
166	123.9		103.0	154.6
129	84.8		68.3	102.5
131	87.0		65.6	98.4





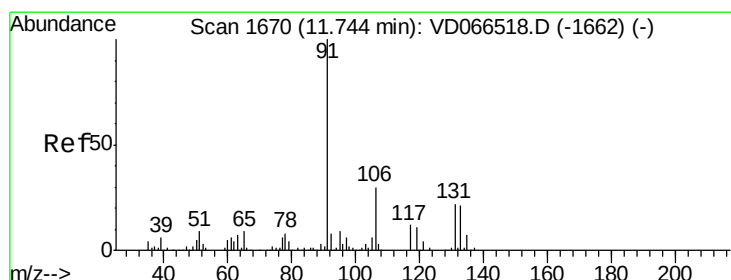
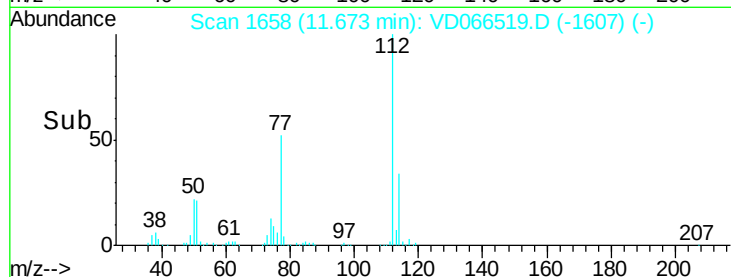
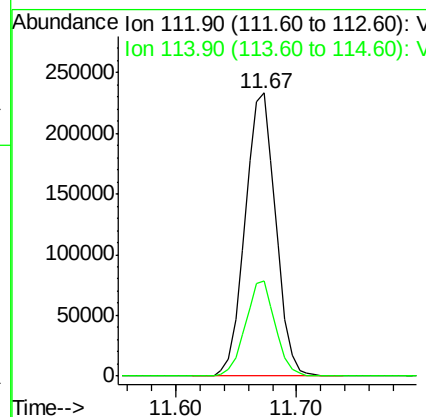
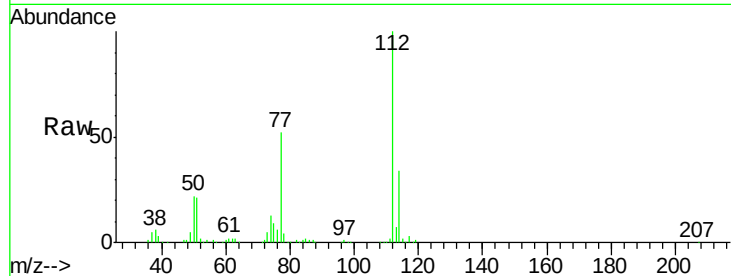
#65
Chlorobenzene
Concen: 98.748 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion:112 Resp: 411034
Ion Ratio Lower Upper
112 100
114 33.7 24.8 37.2

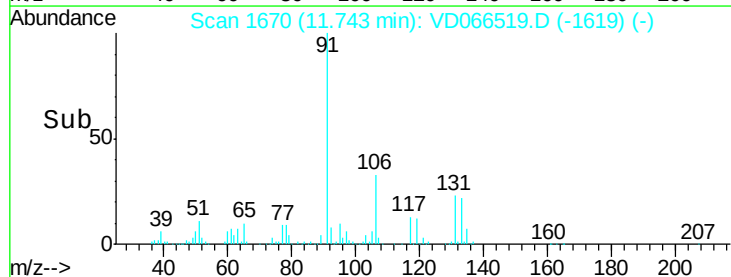
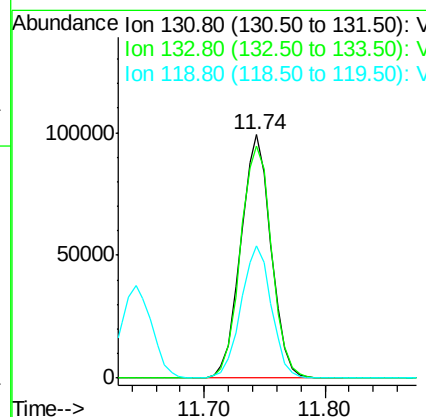
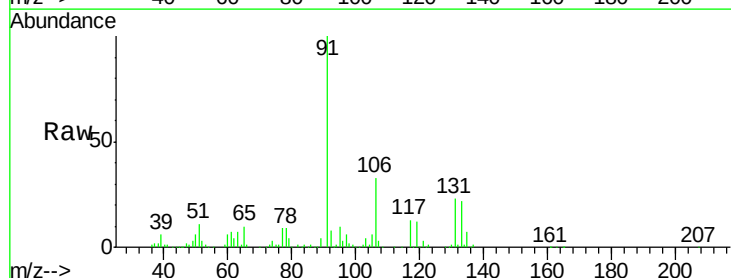
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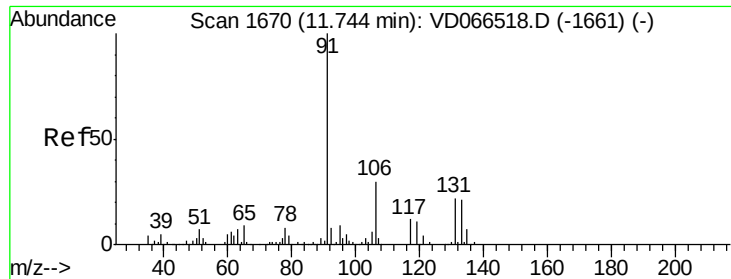
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#66
1,1,1,2-Tetrachloroethane
Concen: 98.187 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion:131 Resp: 172923
Ion Ratio Lower Upper
131 100
133 98.4 47.5 142.5
119 54.6 27.2 81.6





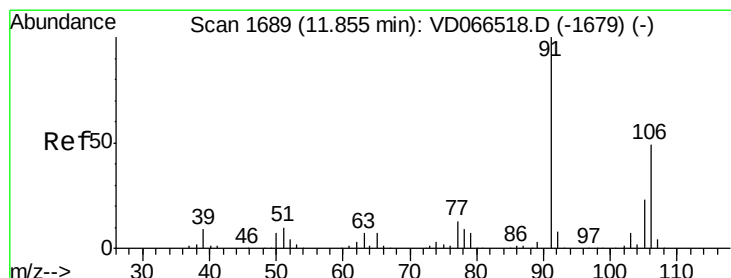
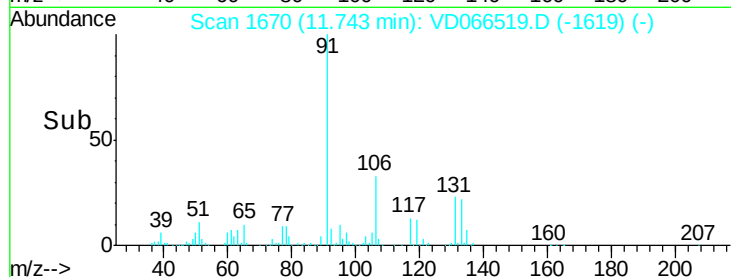
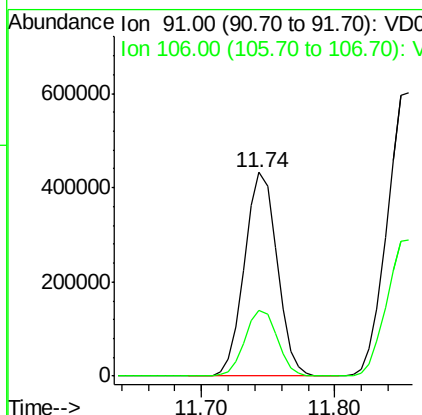
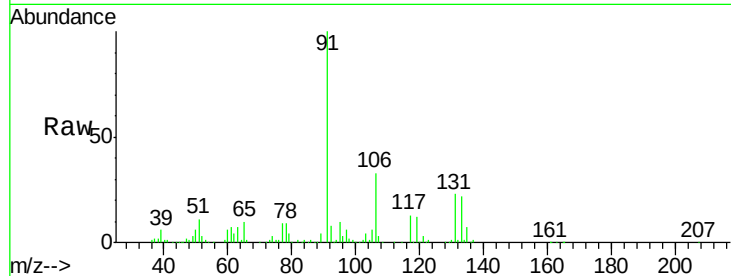
#67
Ethyl Benzene
Concen: 99.781 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 731630
Ion Ratio Lower Upper
91 100
106 32.6 24.0 36.0

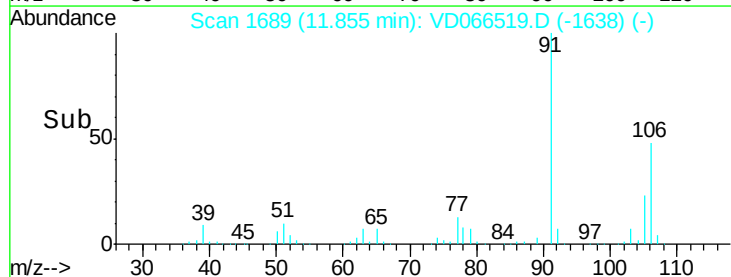
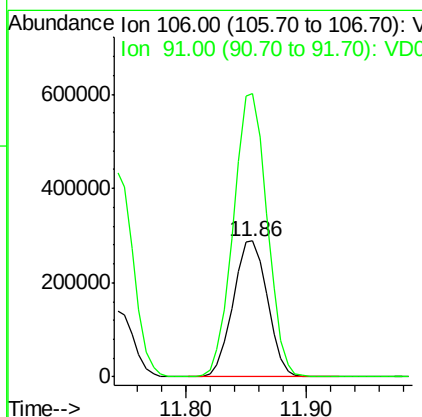
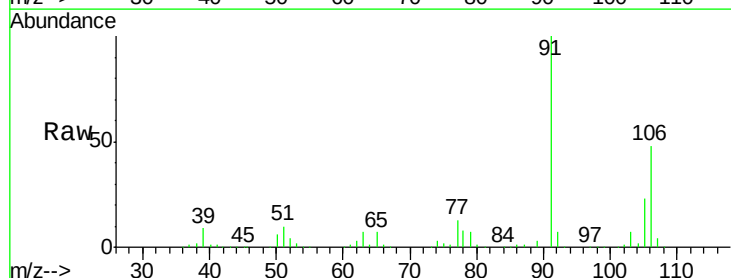
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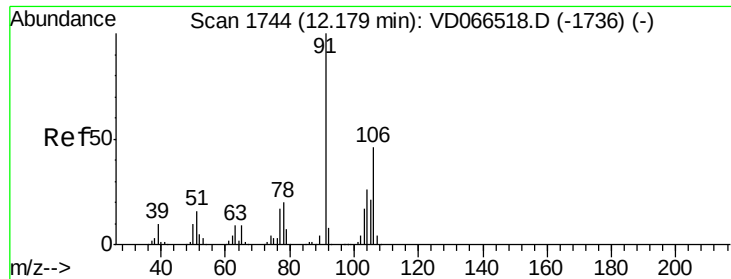
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#68
m/p-Xylenes
Concen: 201.990 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 106 Resp: 573035
Ion Ratio Lower Upper
106 100
91 205.0 163.3 244.9





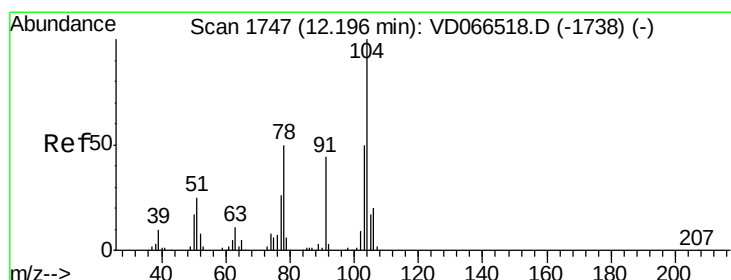
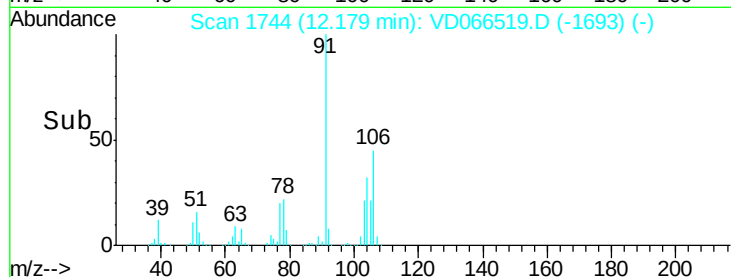
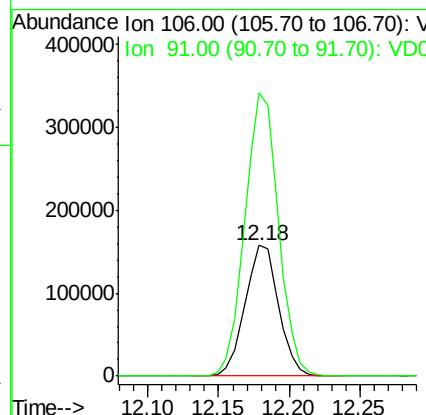
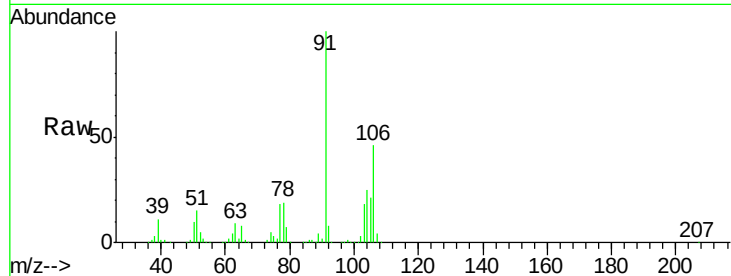
#69
o-Xylene
Concen: 97.789 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	262787		
91	91	216.5	108.7	326.3	

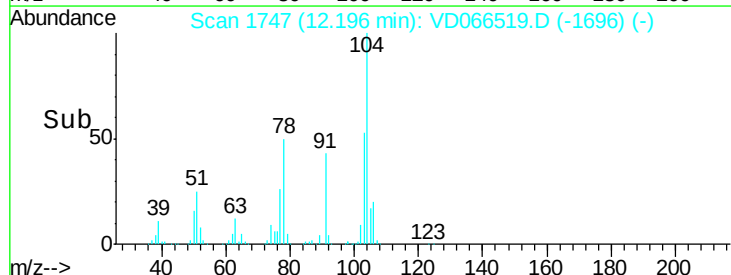
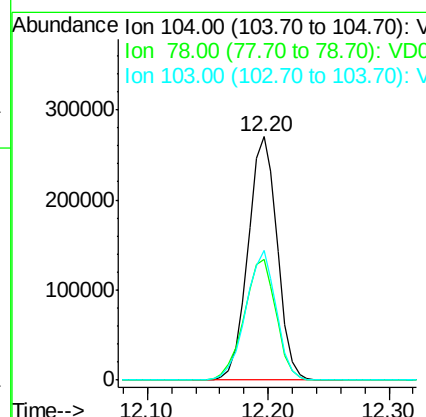
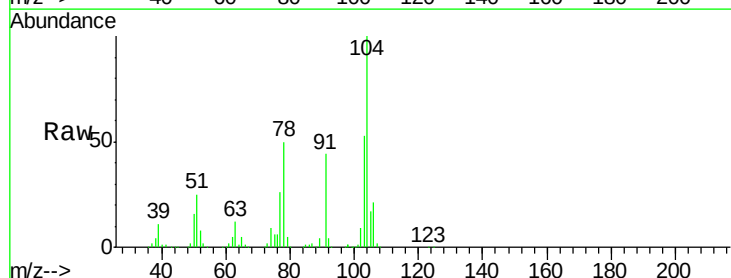
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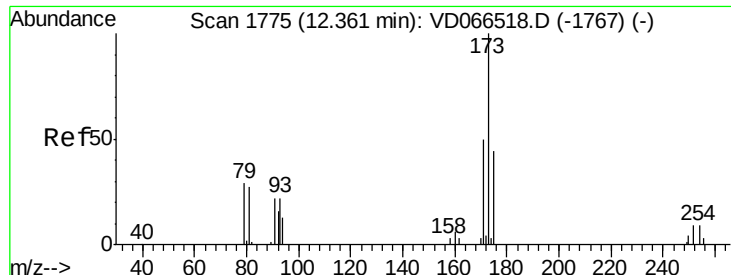
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#70
Styrene
Concen: 99.008 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	455511		
78	78	54.3	44.3	66.5	
103	103	55.2	44.1	66.1	





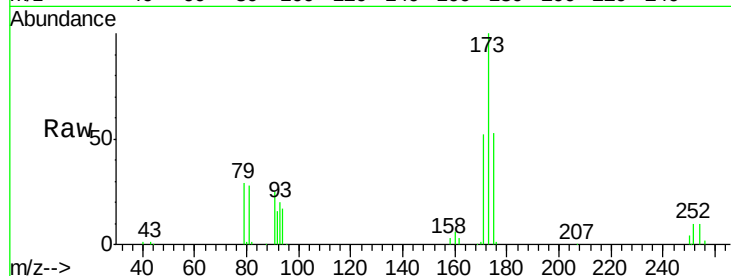
#71
Bromoform
Concen: 99.212 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

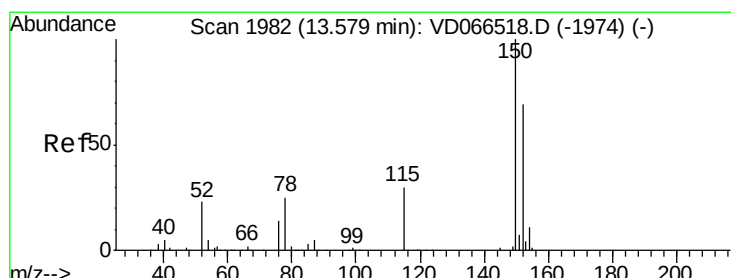
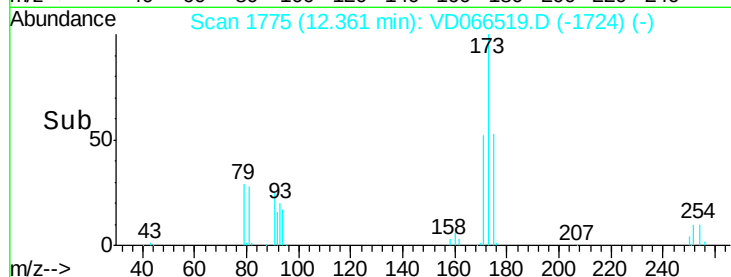
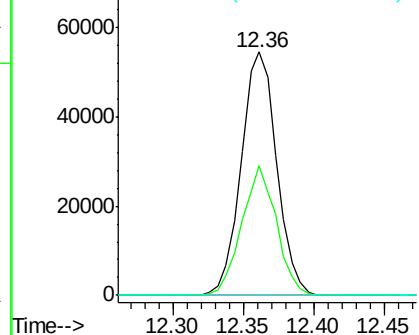
Tot Ion	Ratio	Lower	Upper
173	100		
175	52.0	22.3	66.8
254	0.1	0.0	0.0

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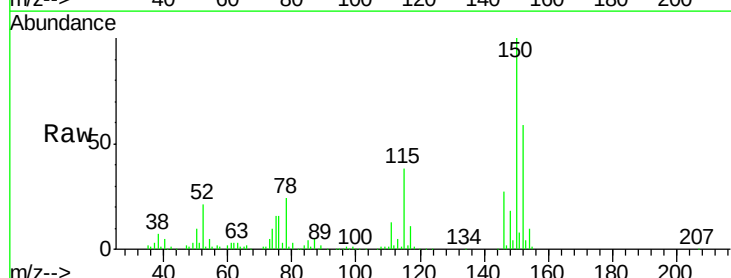


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

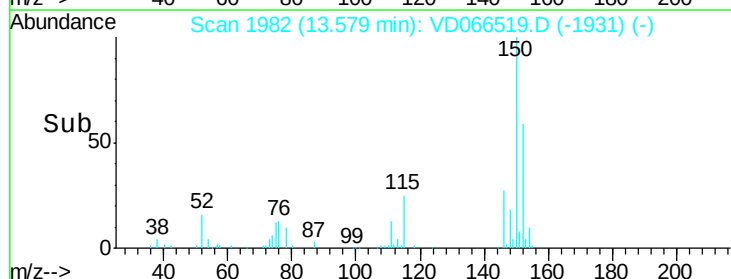
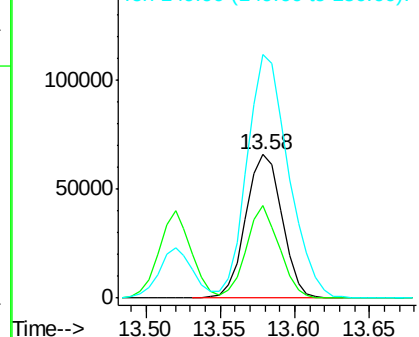


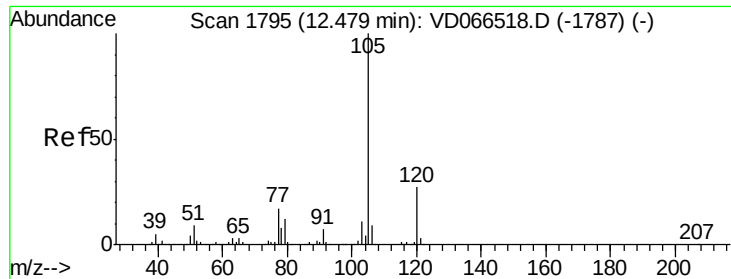
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.8
150	192.6	0.0	339.6



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





#73

Isopropylbenzene

Concen: 100.650 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 746855

Ion Ratio Lower Upper

105 100

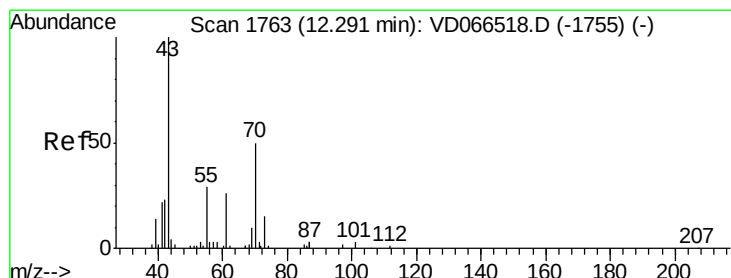
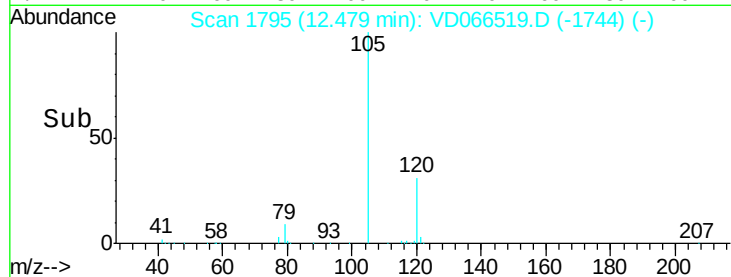
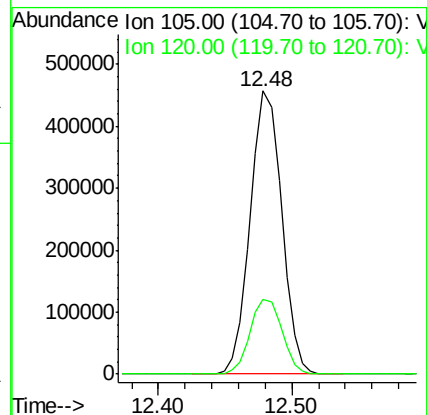
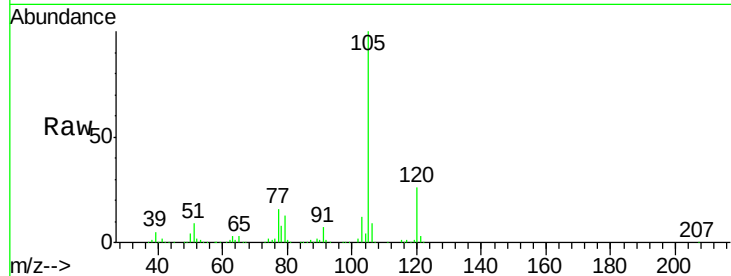
120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 107.182 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion: 43 Resp: 119923

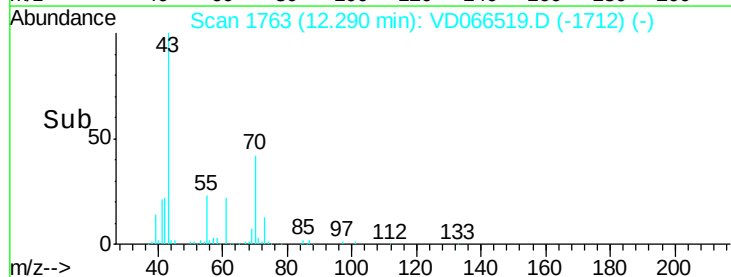
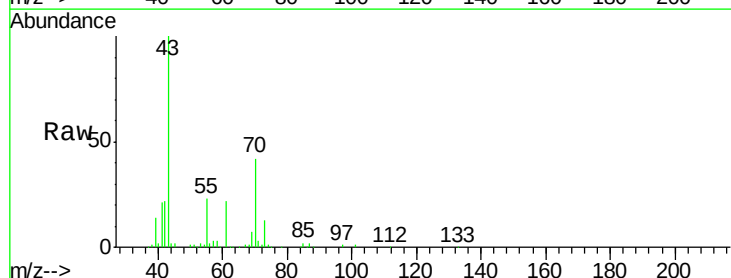
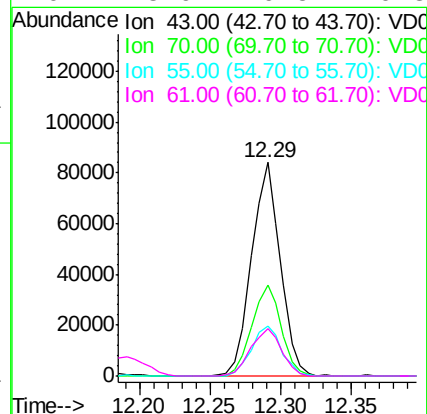
Ion Ratio Lower Upper

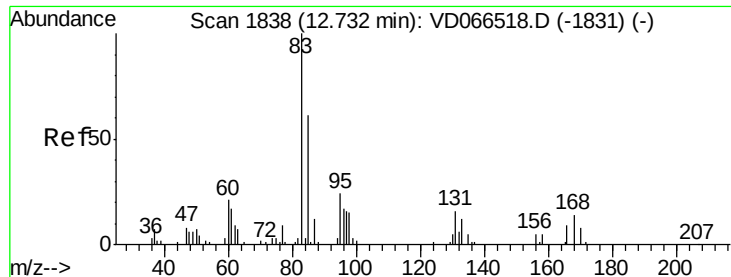
43 100

70 43.2 36.2 54.2

55 24.7 20.6 30.8

61 23.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 98.515 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

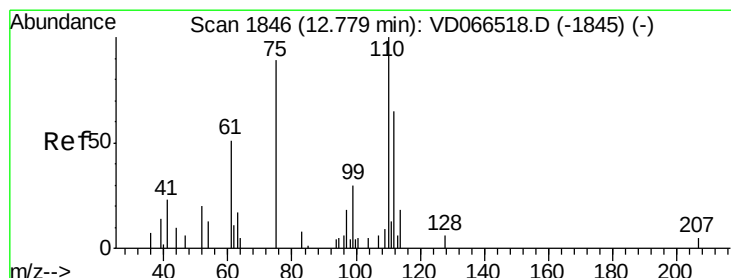
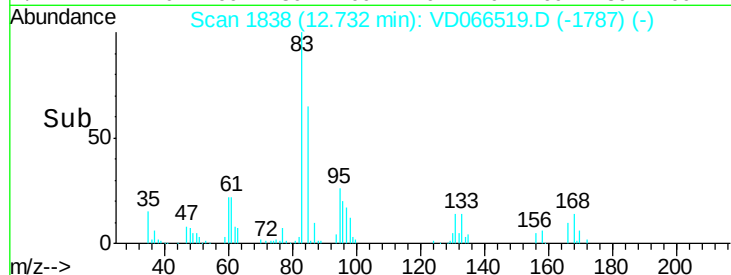
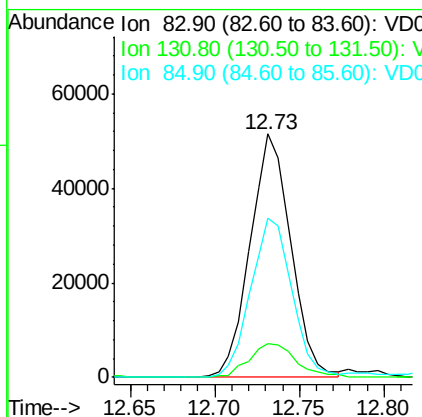
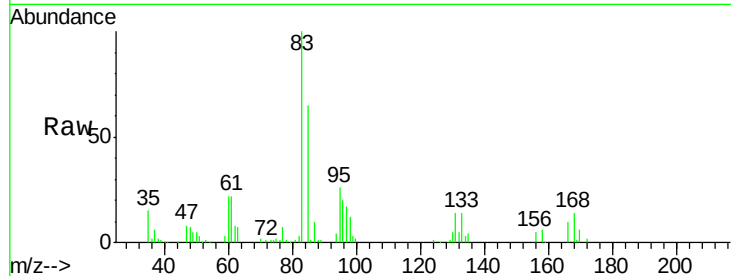
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	86382
Ion Ratio	Lower	Upper	
83	100		
131	15.9	8.3	24.9
85	66.0	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 105.936 ug/l m

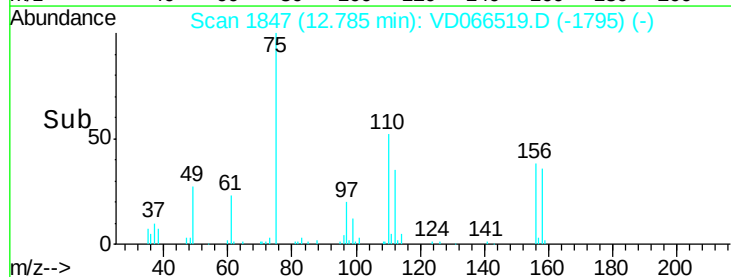
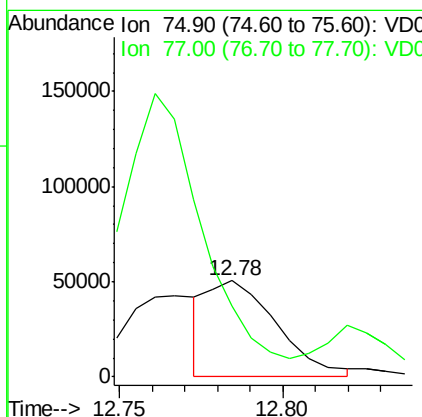
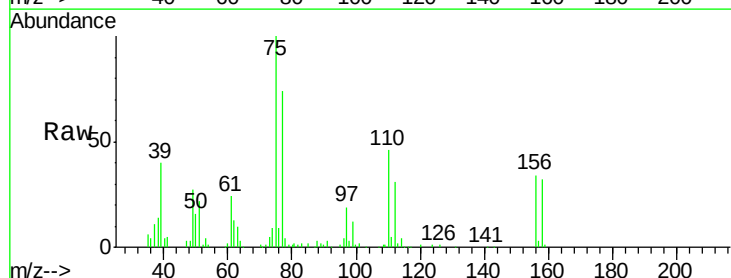
RT: 12.78 min Scan# 1847

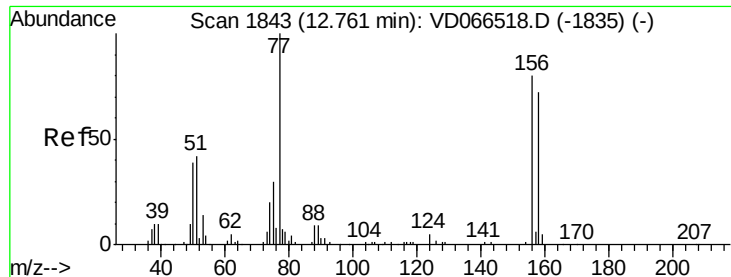
Delta R.T. 0.01 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion:	75	Resp:	74303
Ion Ratio	Lower	Upper	
75	100		
77	0.0	196.9	590.7#





#77

Bromobenzene

Concen: 100.818 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

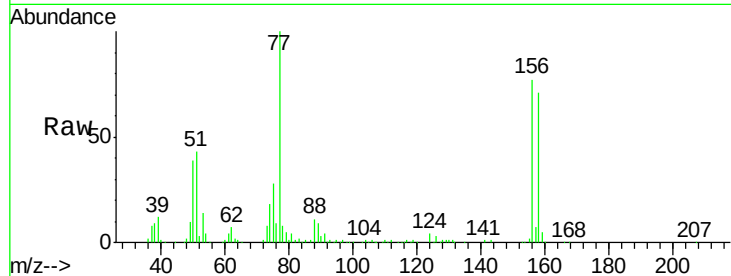
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	189843
Ion Ratio	Lower	Upper	
156	100		
77	141.5	71.0	213.2
158	96.2	49.5	148.7

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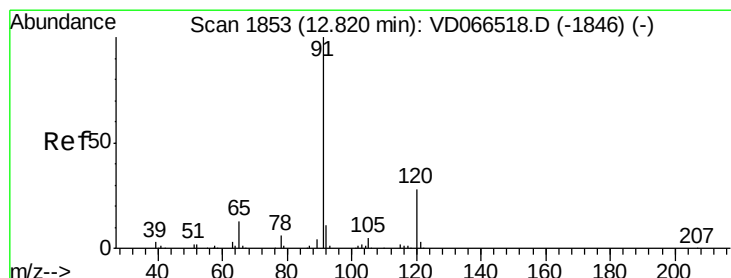
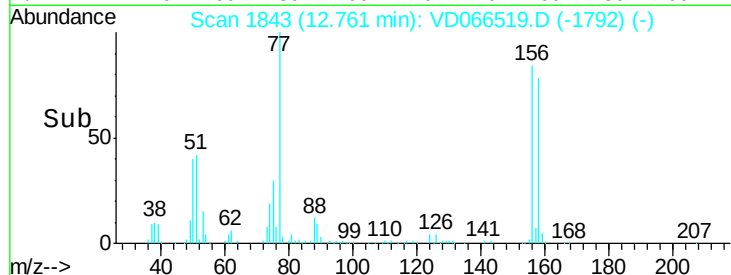
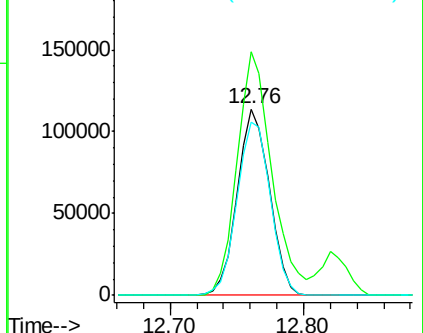
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.564 ug/l

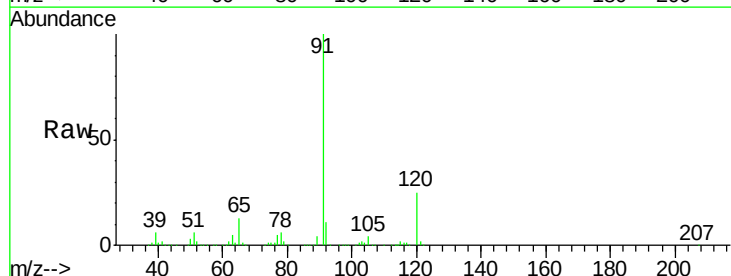
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066519.D

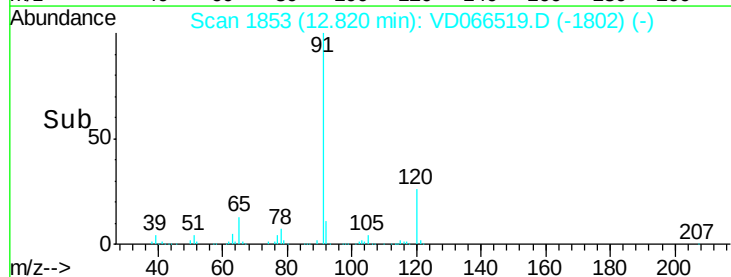
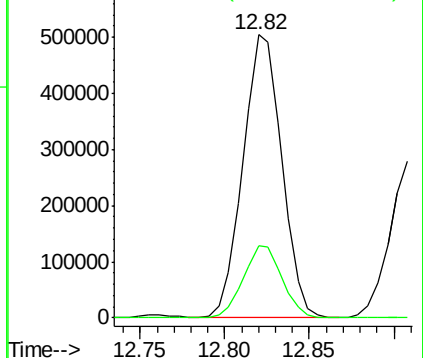
Acq: 02 Sep 2020 13:10

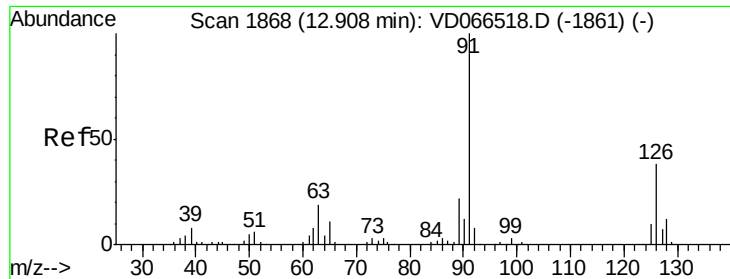
Tgt Ion:	91	Resp:	805061
Ion Ratio	Lower	Upper	
91	100		
120	25.4	13.0	39.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





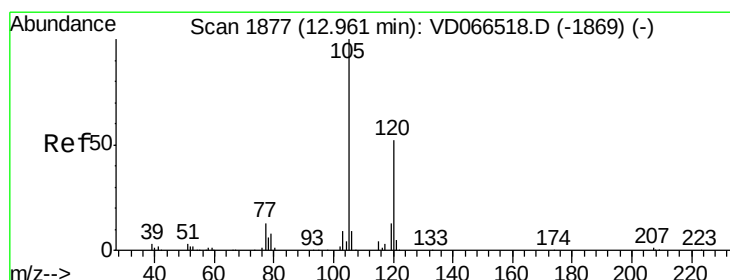
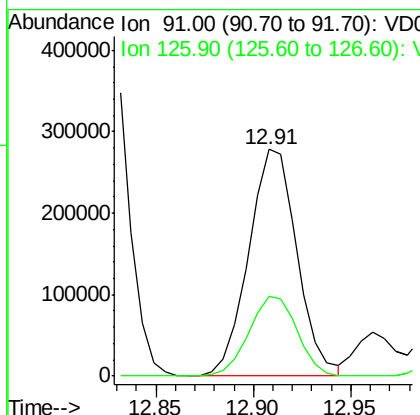
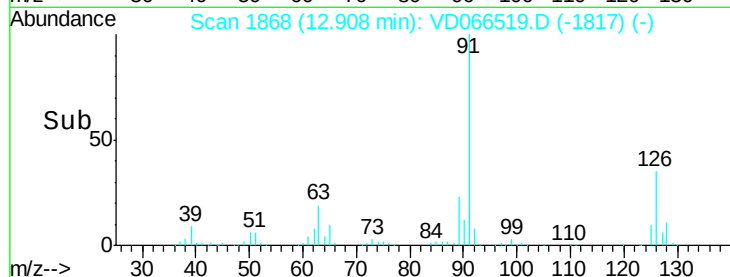
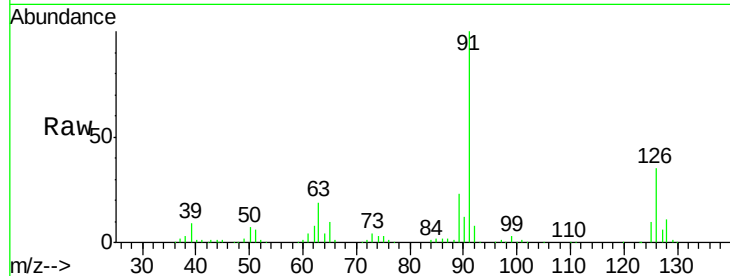
#79
2-Chlorotoluene
Concen: 101.779 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 476176
Ion Ratio Lower Upper
91 100
126 35.4 18.7 56.1

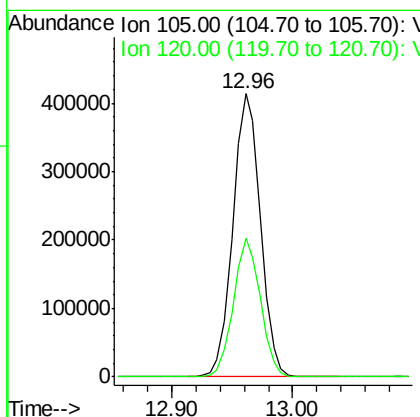
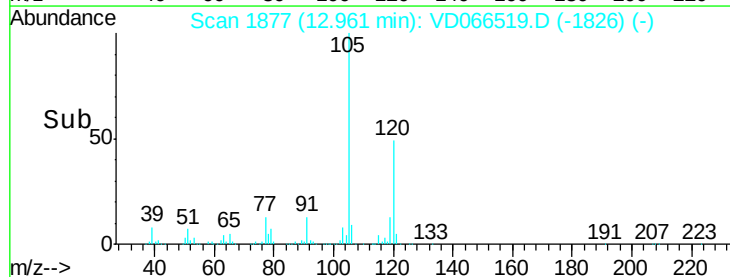
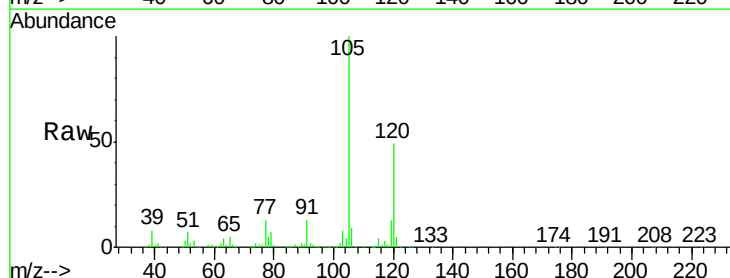
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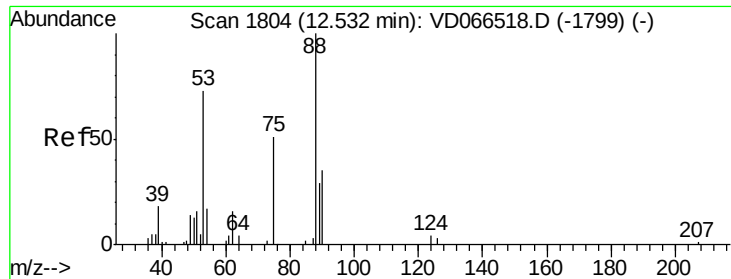
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 101.362 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion: 105 Resp: 653916
Ion Ratio Lower Upper
105 100
120 48.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 109.581 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

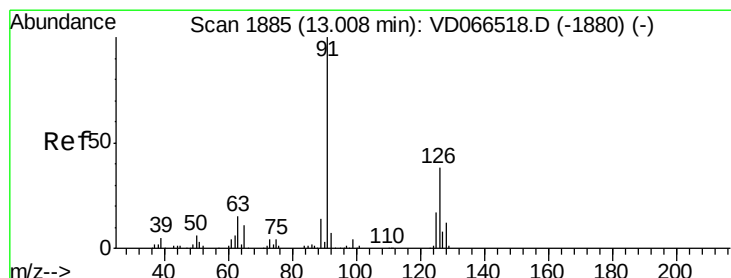
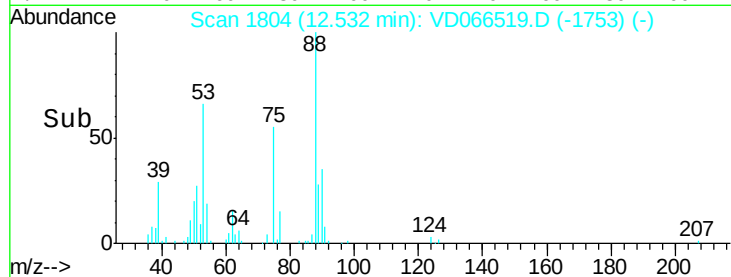
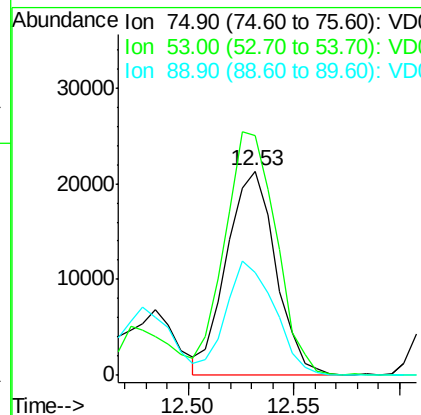
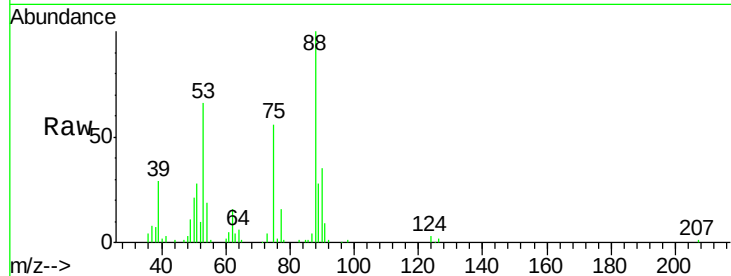
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	124.9	101.8	152.8
89	55.8	46.0	69.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 101.401 ug/l

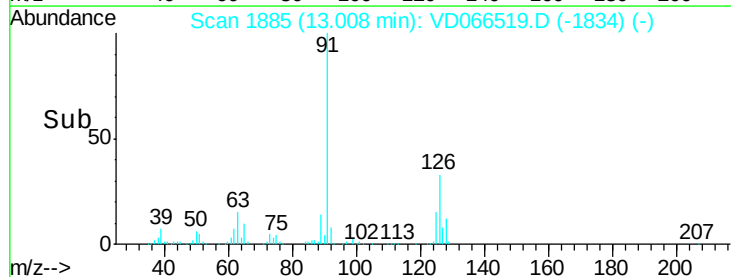
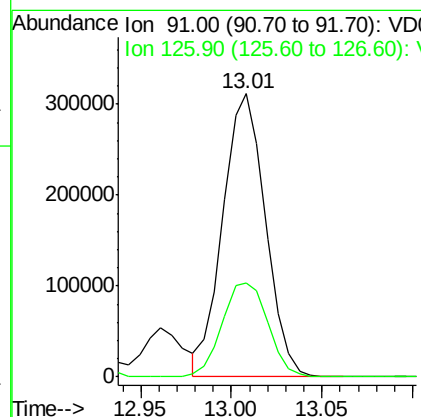
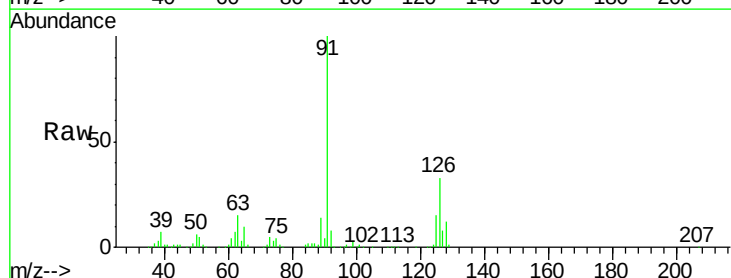
RT: 13.01 min Scan# 1885

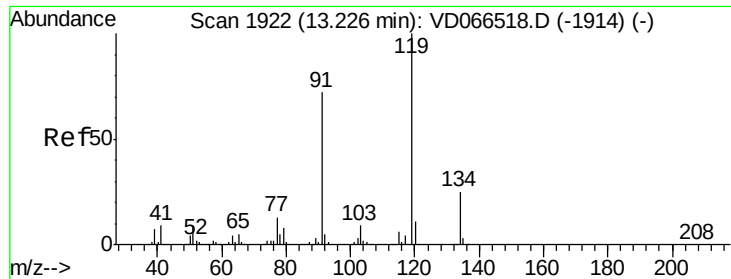
Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	18.2	54.6





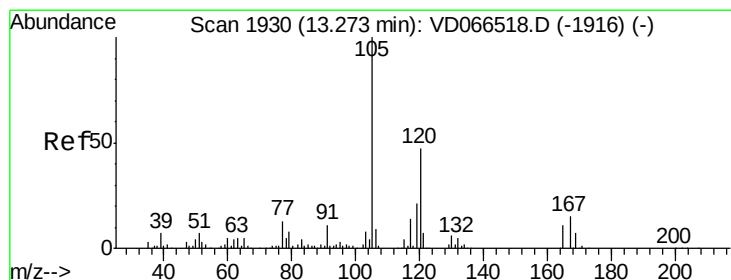
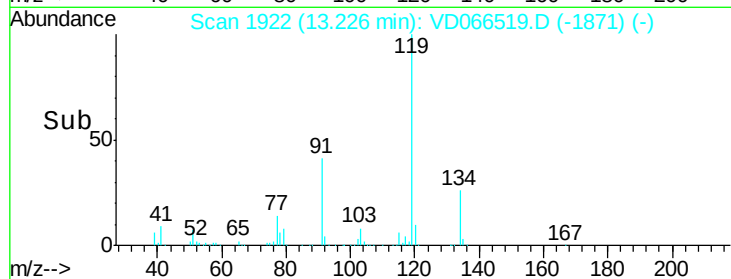
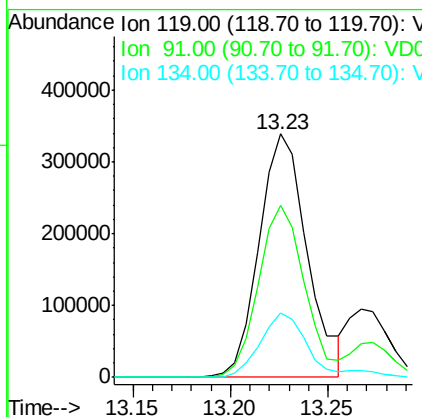
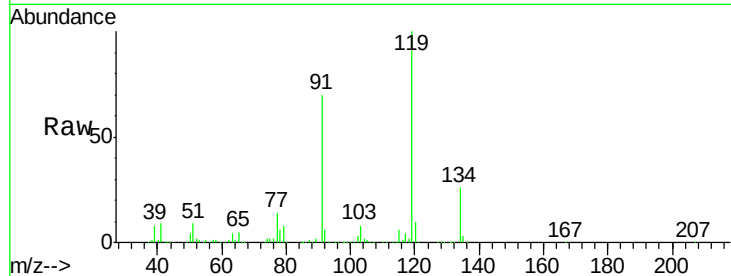
#83
tert-Butylbenzene
Concen: 102.176 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.4	103.2
134	26.9	13.5	40.4

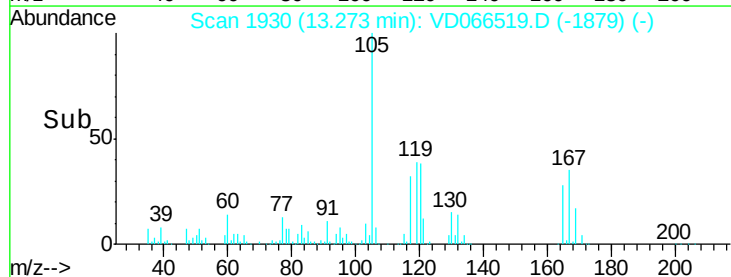
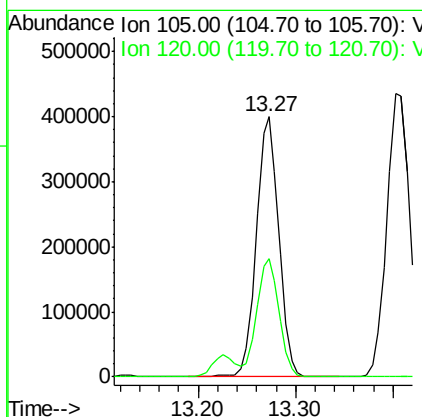
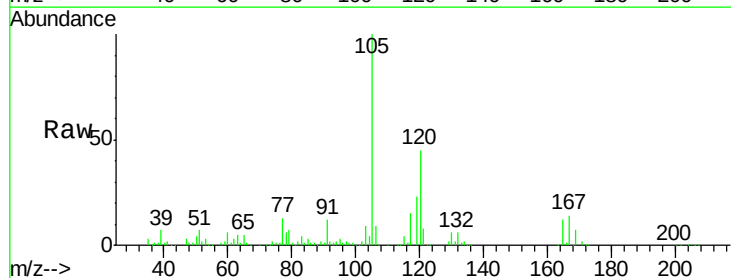
Manual Integrations
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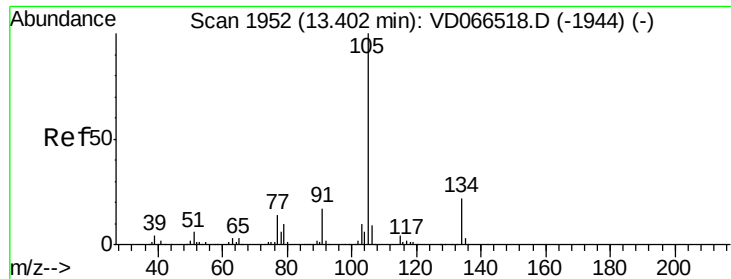
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#84
1,2,4-Trimethylbenzene
Concen: 100.558 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.7	65.1





#85

sec-Butylbenzene

Concen: 99.469 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 713036

Ion Ratio Lower Upper

105 100

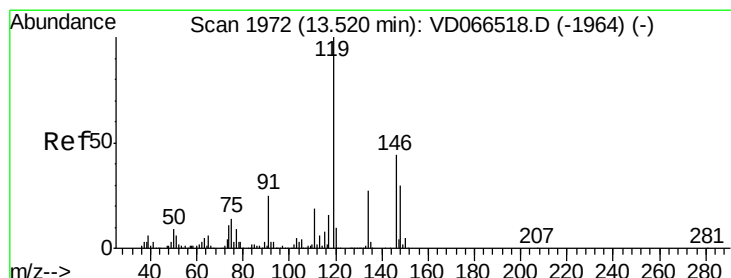
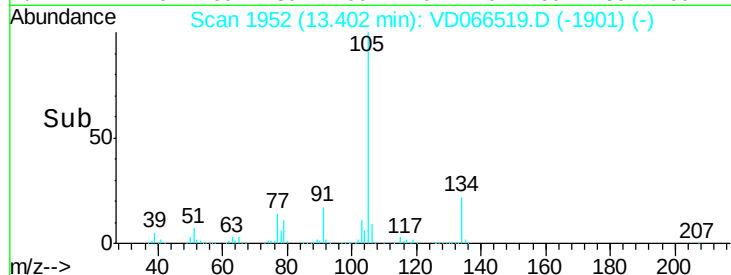
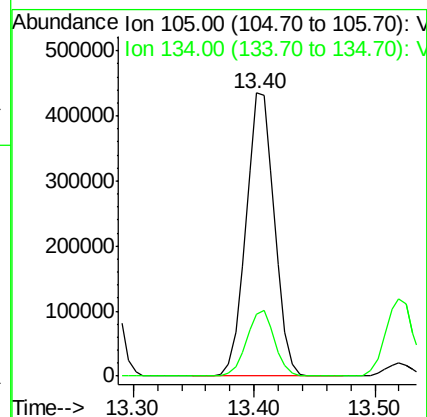
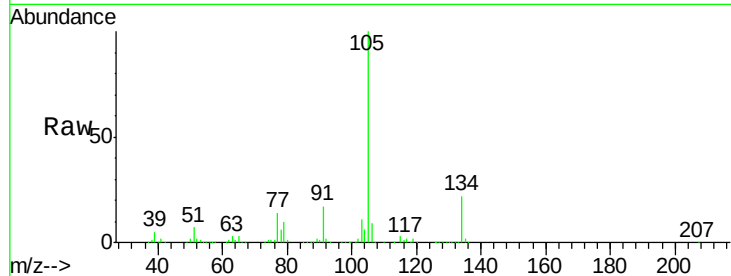
134 22.6 11.5 34.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 100.447 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066519.D

Acq: 02 Sep 2020 13:10

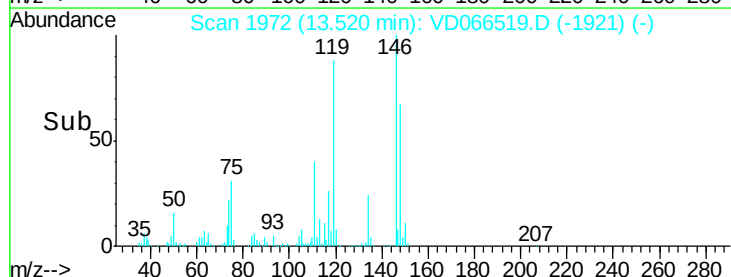
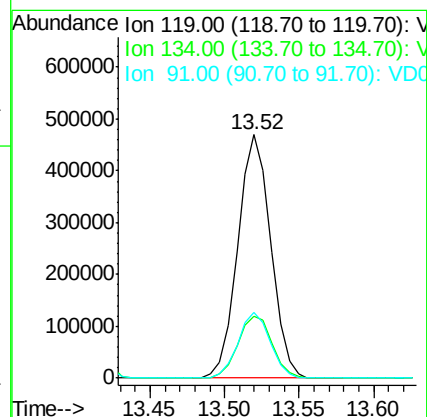
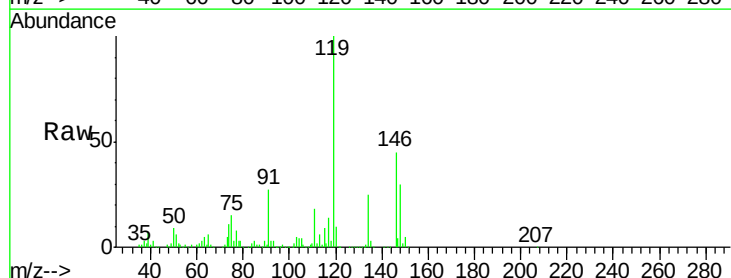
Tgt Ion:119 Resp: 719689

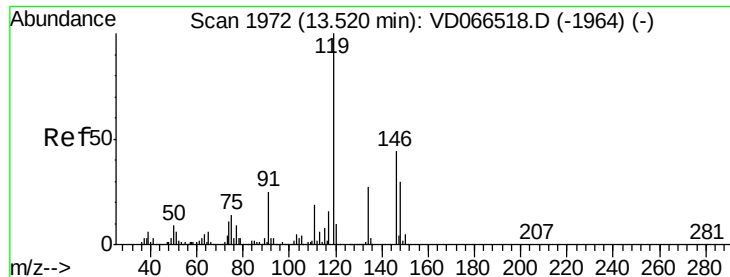
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 26.6 13.0 39.0





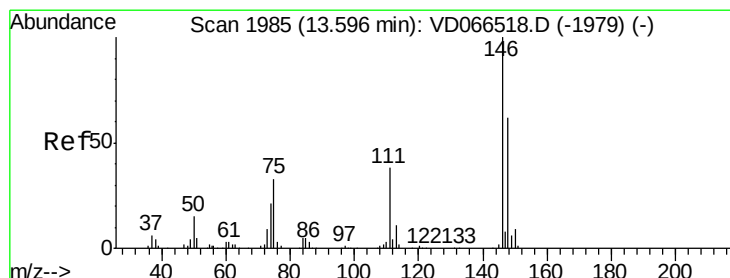
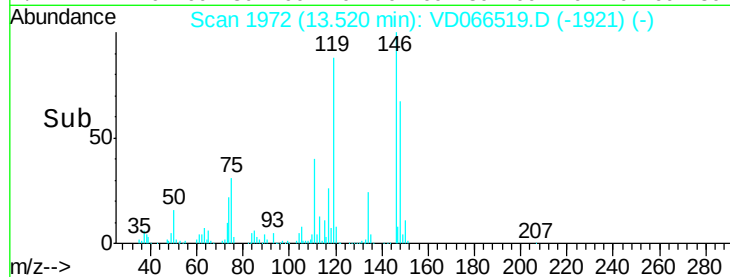
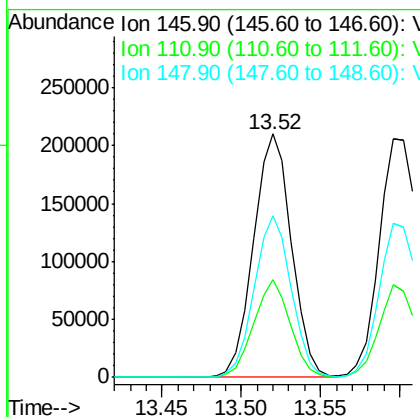
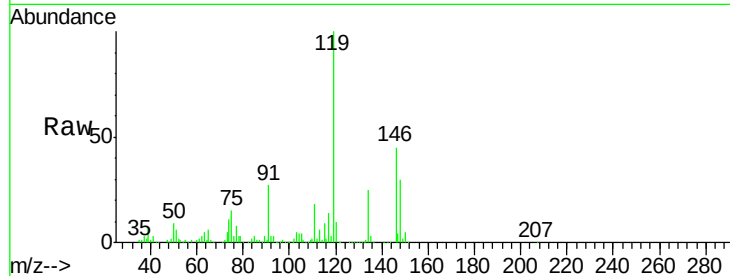
#87
 1,3-Dichlorobenzene
 Concen: 100.431 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	350742		
111	38.1	20.3	61.0	
148	64.5	32.3	96.9	

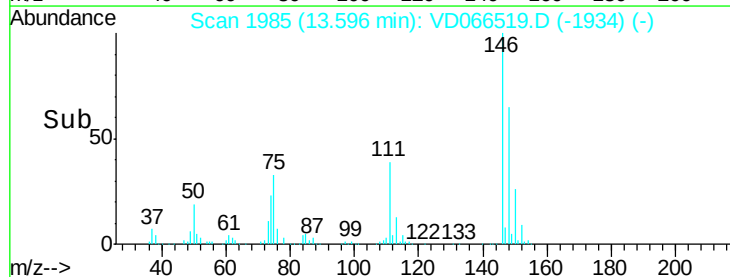
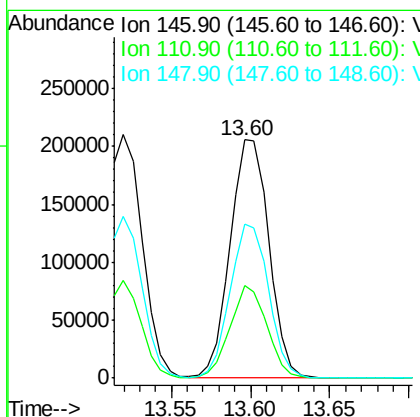
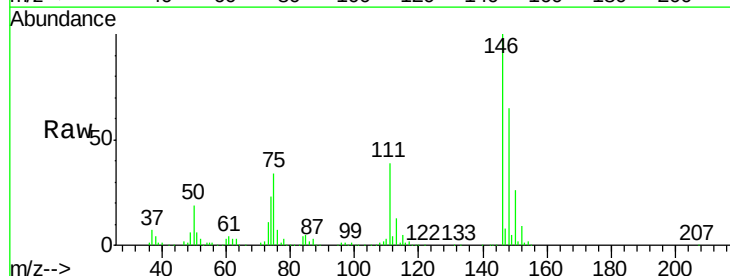
Manual Integrations
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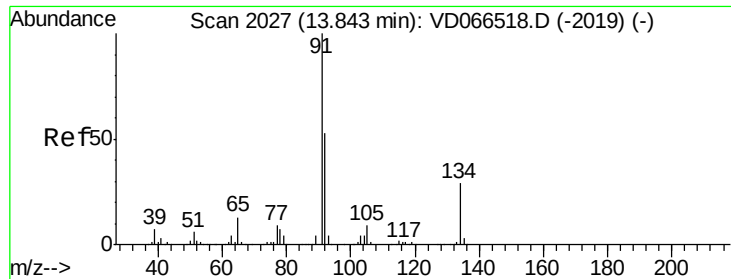
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#88
 1,4-Dichlorobenzene
 Concen: 98.849 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	349234		
111	37.0	18.4	55.4	
148	64.3	31.5	94.5	





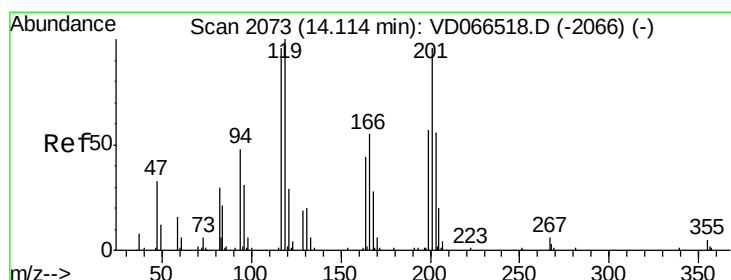
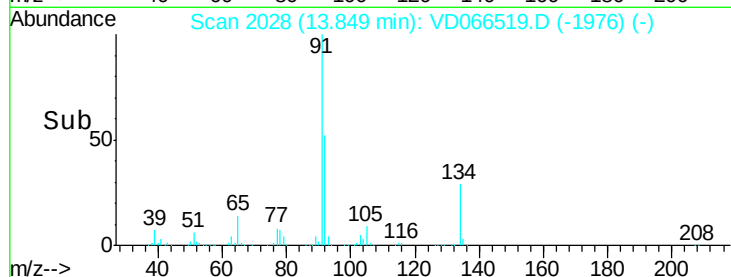
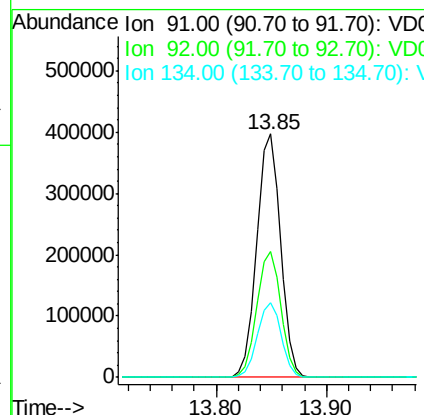
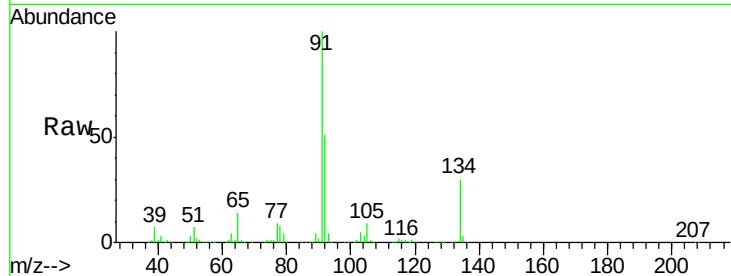
#89
n-Butylbenzene
Concen: 100.290 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100	601884		
92	52.3		26.9	80.7
134	30.7		15.0	45.1

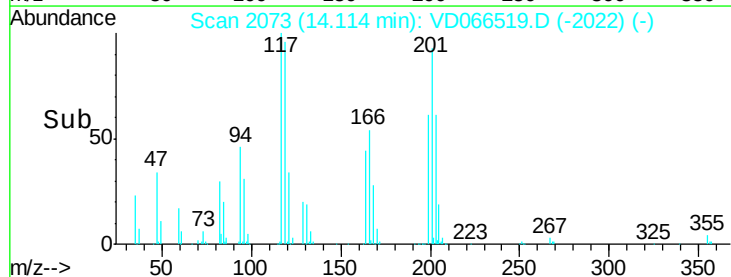
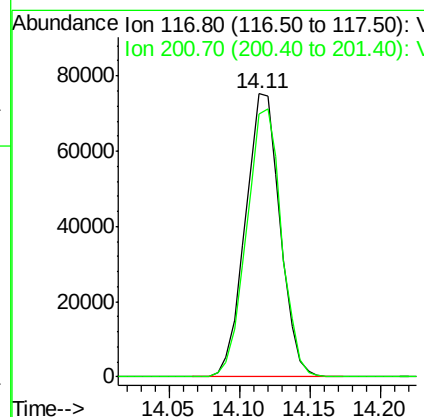
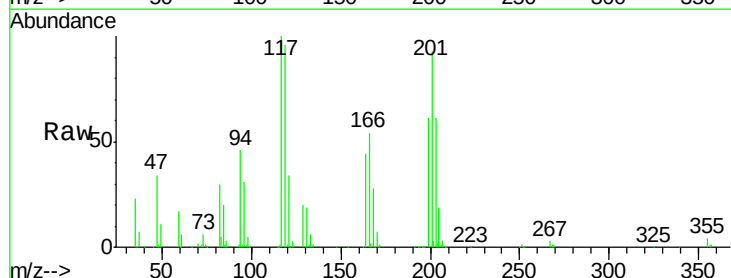
Manual Integrations
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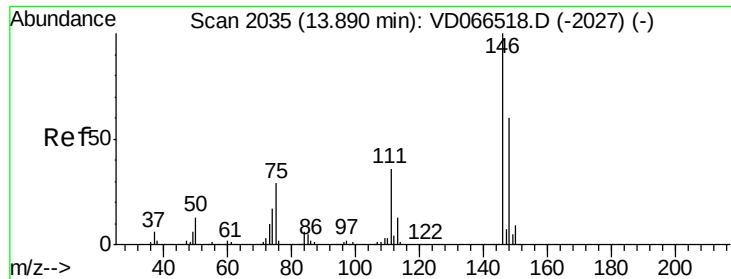
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#90
Hexachloroethane
Concen: 100.972 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129826		
201	95.2		50.0	150.0





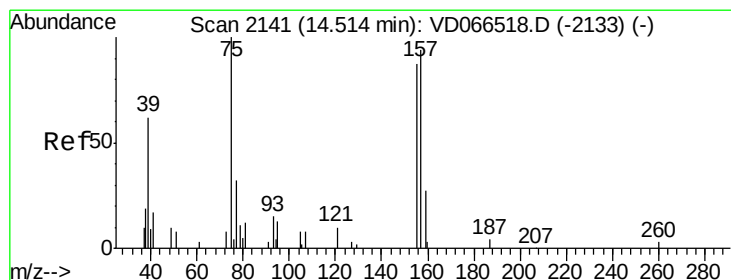
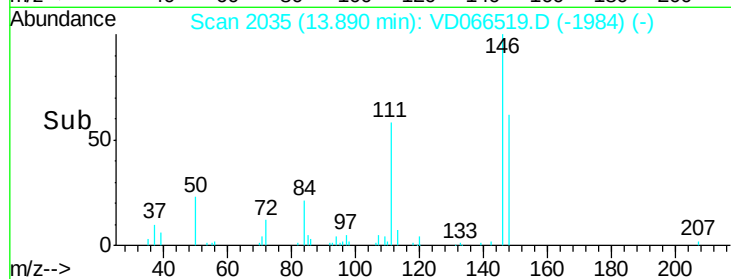
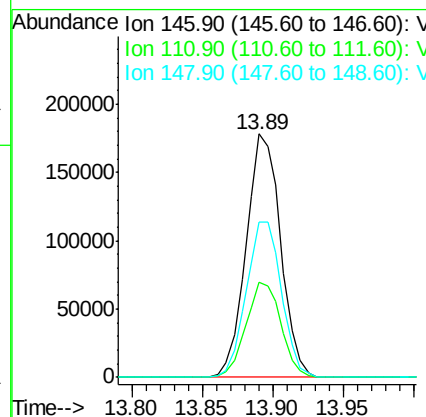
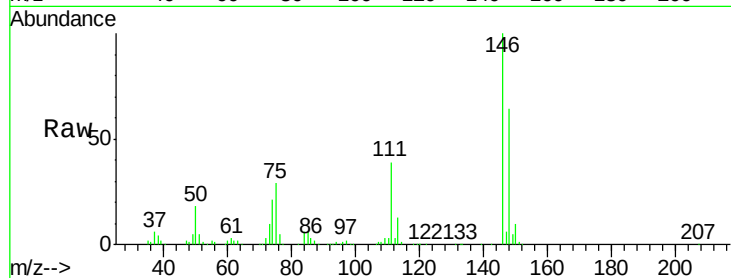
#91
 1,2-Dichlorobenzene
 Concen: 100.200 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	304375		
111	39.9	20.1	60.2	
148	65.3	32.3	96.9	

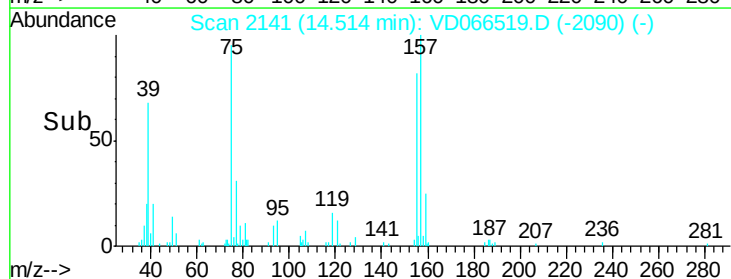
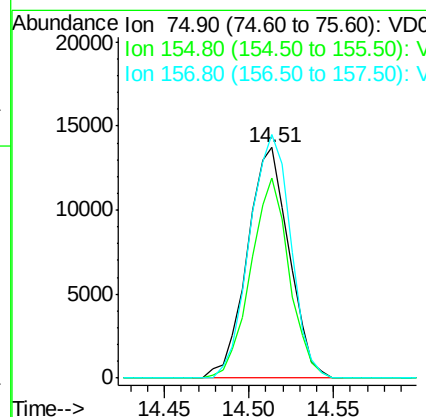
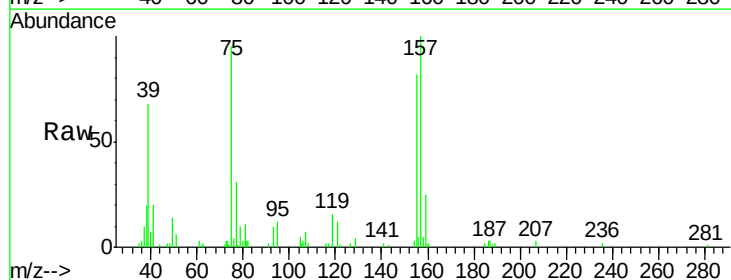
Manual Integrations
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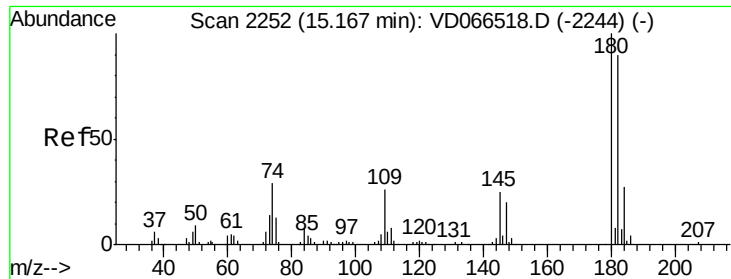
MMDadoda
 9/3/2020 4:57:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.788 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066519.D
 Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23604		
155	79.9	40.8	122.5	
157	104.0	49.3	147.8	





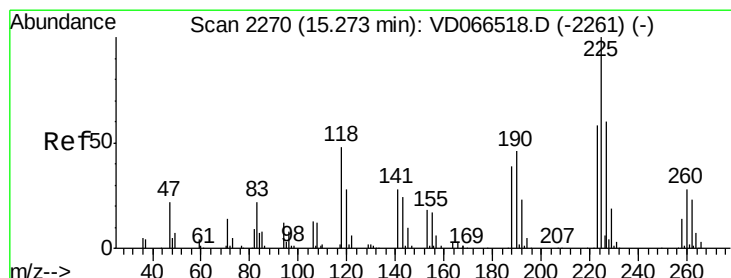
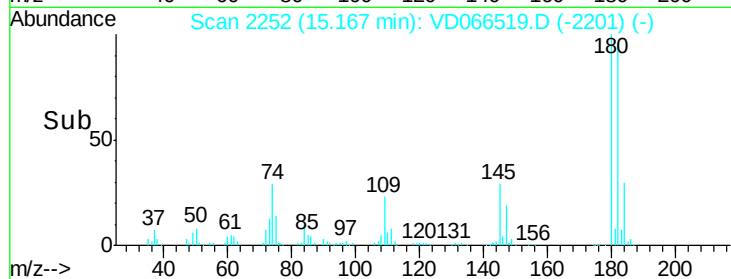
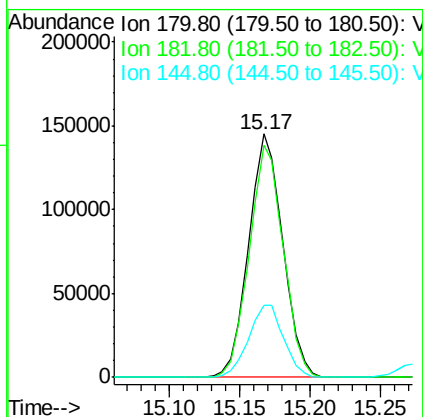
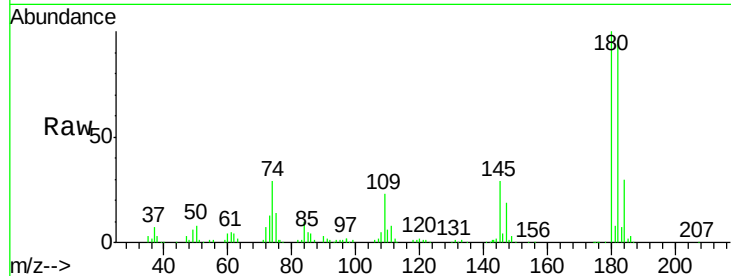
#93
1,2,4-Trichlorobenzene
Concen: 103.023 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247011		
182	95.2	46.9	140.6	
145	30.6	15.0	45.1	

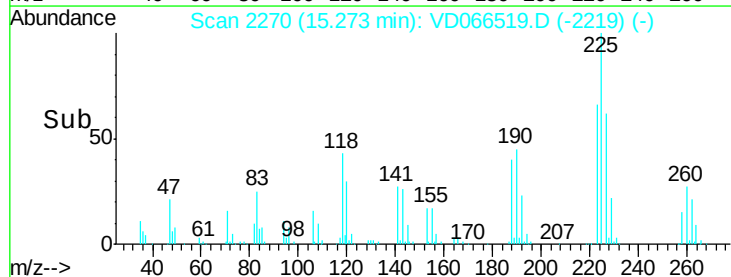
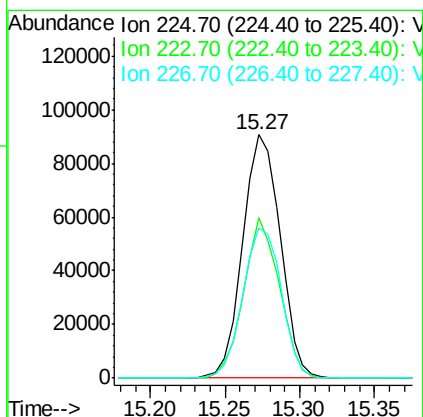
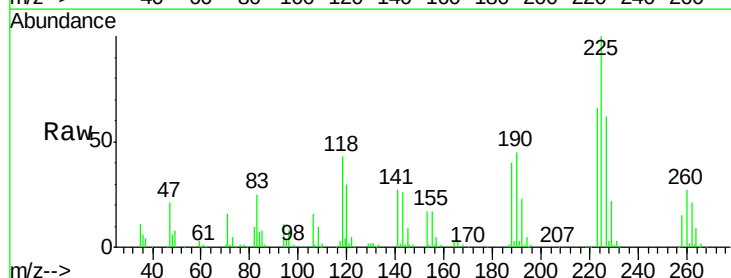
Manual Integrations
APPROVED

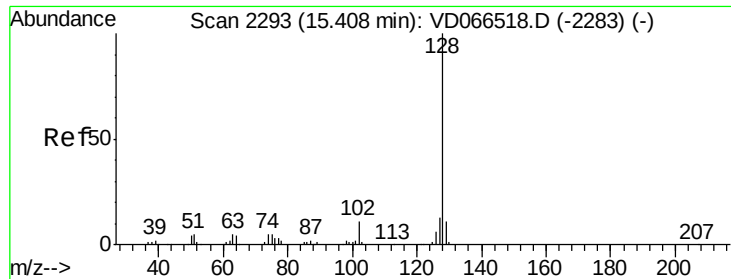
MMDadoda
9/3/2020 4:57:18 PM



#94
Hexachlorobutadiene
Concen: 101.597 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157908		
223	62.7	31.6	94.7	
227	63.4	31.4	94.3	





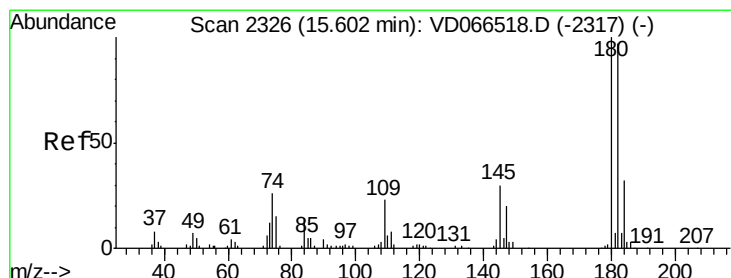
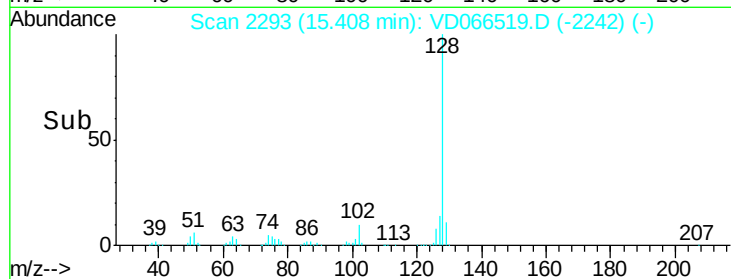
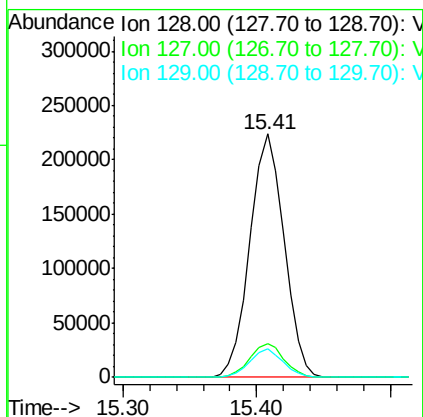
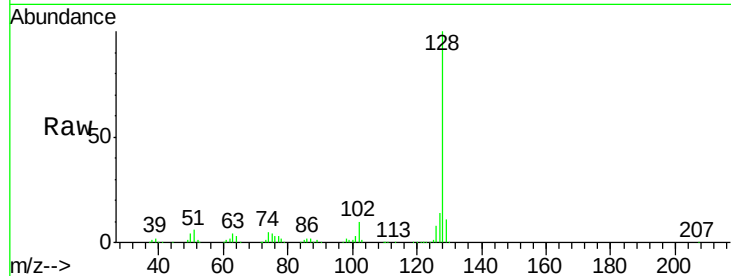
#95
Naphthalene
Concen: 106.443 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	396715		
127	13.9		11.1	16.7
129	11.3		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/3/2020 4:57:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 101.963 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066519.D
Acq: 02 Sep 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	211240		
182	94.1		47.5	142.5
145	32.2		16.2	48.6

