

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066253.D
 Acq On : 17 Aug 2020 13:05
 Operator : VA/SY
 Sample : VD0817SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:08:49 AM

Quant Time: Aug 17 14:11:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	290532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	412049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	380986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	200397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	132348	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.91	113	138037	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	505786	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.63	95	179417	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	53208	20.787	ug/l	98
3) Chloromethane	2.21	50	38969	19.571	ug/l	91
4) Vinyl Chloride	2.35	62	37800	21.443	ug/l	100
5) Bromomethane	2.76	94	26646	22.783	ug/l	89
6) Chloroethane	2.92	64	23812	22.005	ug/l	98
7) Trichlorofluoromethane	3.27	101	94833	20.635	ug/l	98
8) Diethyl Ether	3.70	74	23827	18.374	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	54873	20.119	ug/l	99
10) Methyl Iodide	4.30	142	50701	24.389	ug/l	99
11) Tert butyl alcohol	5.21	59	19573	74.453	ug/l	100
12) 1,1-Dichloroethene	4.06	96	51348	19.957	ug/l	95
13) Acrolein	3.91	56	12005	58.187	ug/l	95
14) Allyl chloride	4.71	41	71859	18.435	ug/l	95
15) Acrylonitrile	5.43	53	49847	91.219	ug/l	99
16) Acetone	4.16	43	48055	97.710	ug/l	94
17) Carbon Disulfide	4.40	76	148195	18.115	ug/l	99
18) Methyl Acetate	4.72	43	22836	18.280	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	109668	18.596	ug/l	93
20) Methylene Chloride	4.96	84	64870	20.186	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	55969	18.936	ug/l	94
22) Diisopropyl ether	6.36	45	142663	18.508	ug/l	92
23) Vinyl Acetate	6.30	43	407028	90.133	ug/l	99
24) 1,1-Dichloroethane	6.26	63	91544	19.190	ug/l	96
25) 2-Butanone	7.21	43	62929	86.995	ug/l	99
26) 2,2-Dichloropropane	7.20	77	89057	20.829	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	61410	19.808	ug/l	99
28) Bromochloromethane	7.54	49	35597	21.246	ug/l	99
29) Tetrahydrofuran	7.56	42	38841	86.666	ug/l	97
30) Chloroform	7.71	83	99739	19.912	ug/l	96
31) Cyclohexane	7.98	56	84103	18.521	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	96212	20.485	ug/l	97
36) 1,1-Dichloropropene	8.11	75	79440	20.517	ug/l	98
37) Ethyl Acetate	7.29	43	29047	18.934	ug/l	98
38) Carbon Tetrachloride	8.09	117	89997	20.843	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	91668	19.584	ug/l	96
40) Benzene	8.35	78	208808	19.440	ug/l	99
41) Methacrylonitrile	7.51	41	16106	17.855	ug/l	94
42) 1,2-Dichloroethane	8.42	62	64975	20.591	ug/l	99
43) Isopropyl Acetate	8.44	43	54881	18.156	ug/l	99
44) Trichloroethene	9.11	130	66071	20.413	ug/l	97
45) 1,2-Dichloropropane	9.38	63	51798	19.717	ug/l	99
46) Dibromomethane	9.47	93	28294	19.553	ug/l	99
47) Bromodichloromethane	9.66	83	76441	19.987	ug/l #	89
48) Methyl methacrylate	9.46	41	26289	17.033	ug/l	88
49) 1,4-Dioxane	9.46	88	6974	375.133	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	141608	91.204	ug/l	99
52) Toluene	10.40	92	142574	20.172	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	73097	20.140	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	83768	19.699	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	41265	19.804	ug/l	97
56) Ethyl methacrylate	10.66	69	47365	18.923	ug/l	96
57) 1,3-Dichloropropane	10.94	76	65364	18.896	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	110480	98.124	ug/l	98
59) 2-Hexanone	10.98	43	99403	91.223	ug/l	97
60) Dibromochloromethane	11.14	129	56815	19.750	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39824	19.874	ug/l	97
64) Tetrachloroethene	10.87	164	58307	19.930	ug/l	93
65) Chlorobenzene	11.67	112	155978	20.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	61238	20.236	ug/l	97
67) Ethyl Benzene	11.74	91	278360	20.769	ug/l	97
68) m/p-Xylenes	11.86	106	212924	41.004	ug/l	98
69) o-Xylene	12.18	106	95010	20.114	ug/l	100
70) Styrene	12.19	104	171092	20.667	ug/l	99
71) Bromoform	12.36	173	33240	18.540	ug/l #	93
73) Isopropylbenzene	12.48	105	270569	20.226	ug/l	100
74) N-amyl acetate	12.28	43	51549	17.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41385	18.143	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	33782m	20.215	ug/l	
77) Bromobenzene	12.76	156	67861	19.707	ug/l	100
78) n-propylbenzene	12.82	91	313902	20.187	ug/l	99
79) 2-Chlorotoluene	12.91	91	180556	20.302	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	231149	20.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	14493	19.171	ug/l	96
82) 4-Chlorotoluene	13.01	91	189089	20.141	ug/l	99
83) tert-Butylbenzene	13.23	119	198709	20.197	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	232408	20.758	ug/l	99
85) sec-Butylbenzene	13.40	105	271998	20.477	ug/l	100
86) p-Isopropyltoluene	13.52	119	257673	20.683	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	131608	20.335	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	129240	20.024	ug/l	98
89) n-Butylbenzene	13.85	91	223886	20.057	ug/l	98
90) Hexachloroethane	14.11	117	49712	20.007	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	113860	19.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6842	17.453	ug/l	94

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ClientSampleId :
VD0817SBSD01

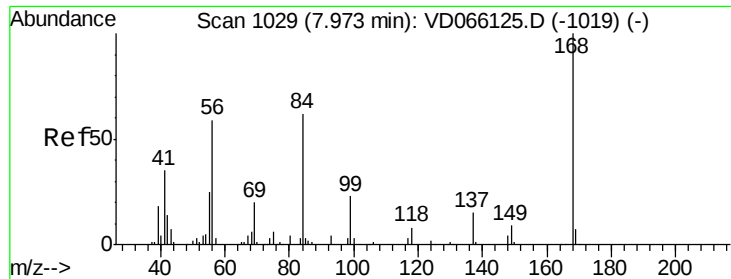
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82124	19.470	ug/l	97
94) Hexachlorobutadiene	15.27	225	49247	19.827	ug/l	98
95) Naphthalene	15.41	128	128141	18.645	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	70000	18.800	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion:168 Resp: 290532

Ion Ratio Lower Upper

168 100

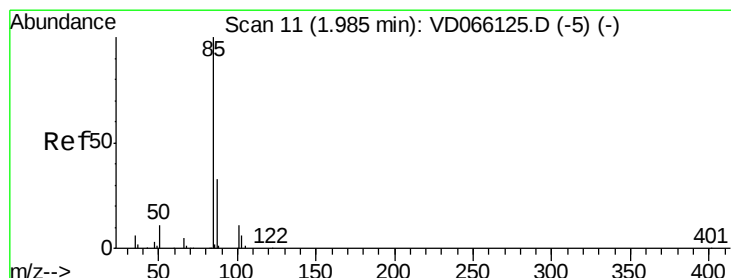
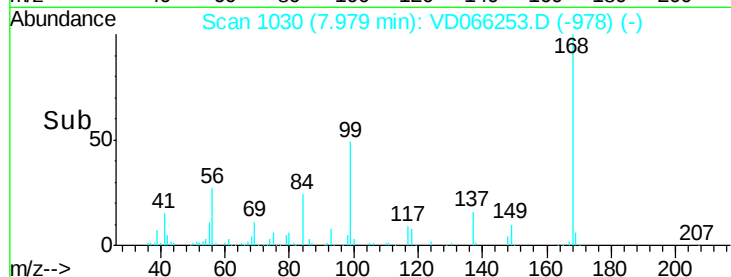
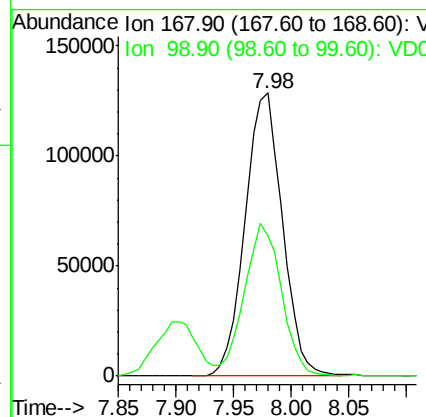
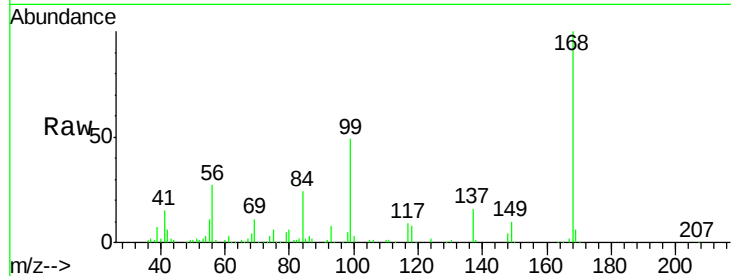
99 49.3 42.2 63.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.787 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066253.D

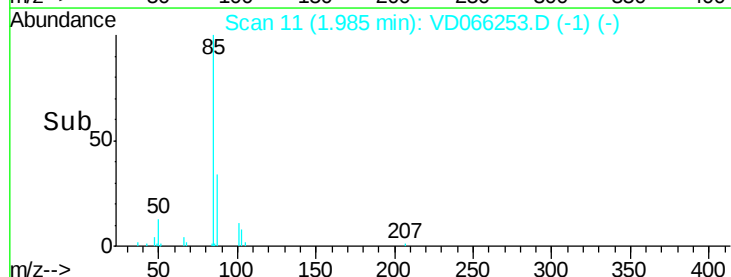
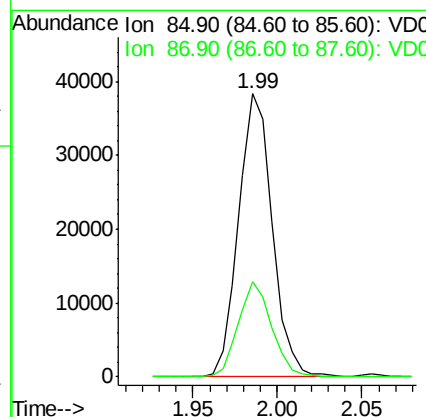
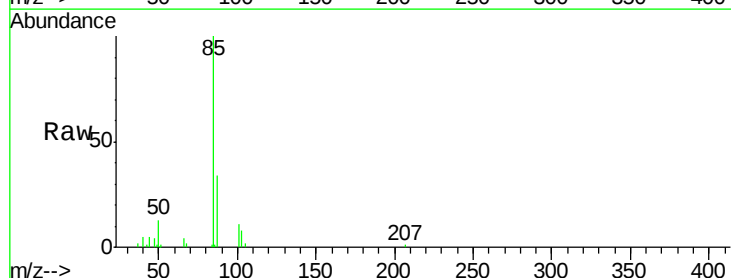
Acq: 17 Aug 2020 13:05

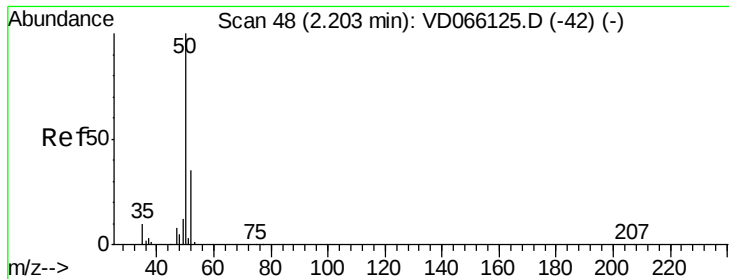
Tgt Ion: 85 Resp: 53208

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8





#3

Chloromethane

Concen: 19.571 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 50 Resp: 38969

Ion Ratio Lower Upper

50 100

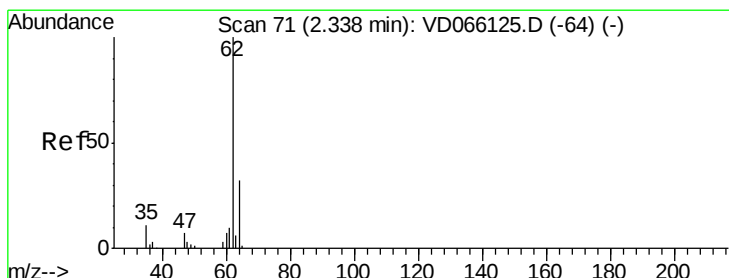
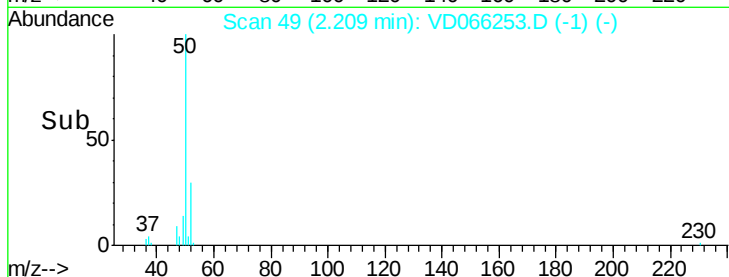
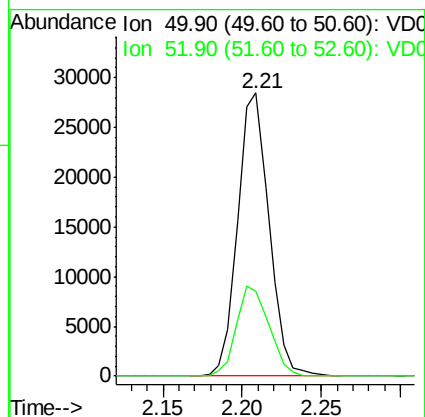
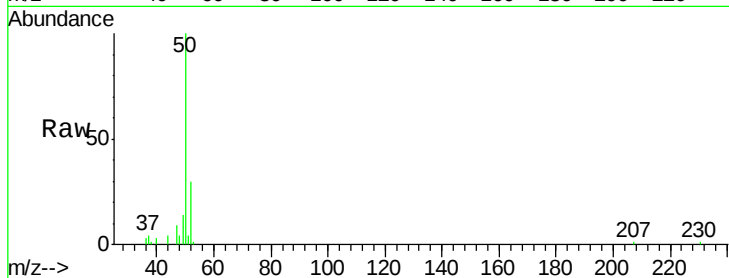
52 30.0 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.443 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066253.D

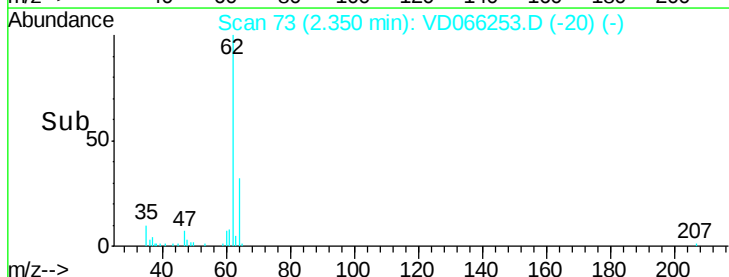
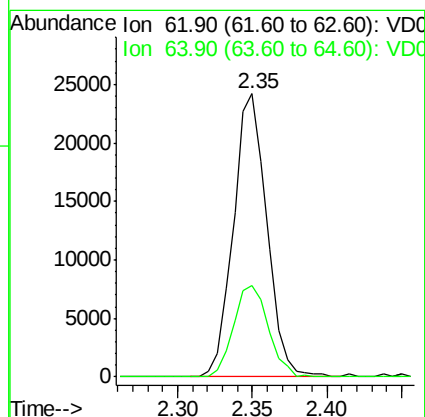
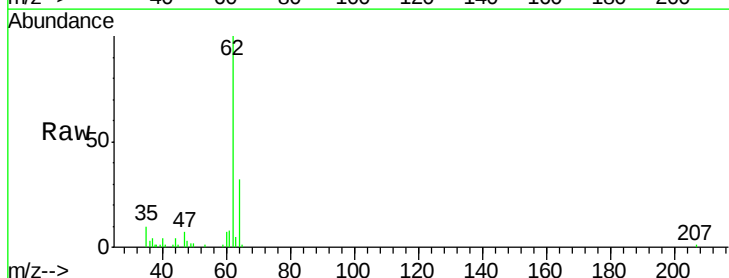
Acq: 17 Aug 2020 13:05

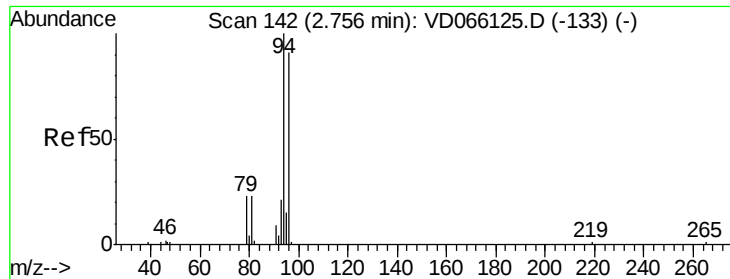
Tgt Ion: 62 Resp: 37800

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 22.783 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 94 Resp: 26646

Ion Ratio Lower Upper

94 100

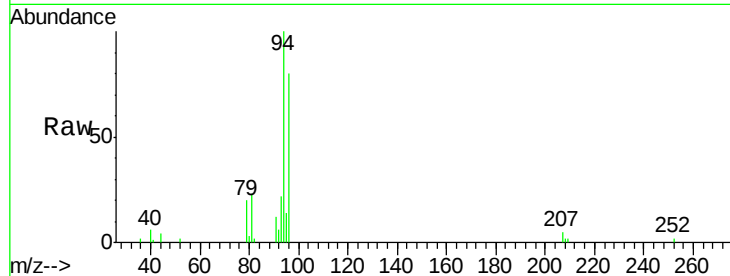
96 80.2 72.6 109.0

Manual Integrations

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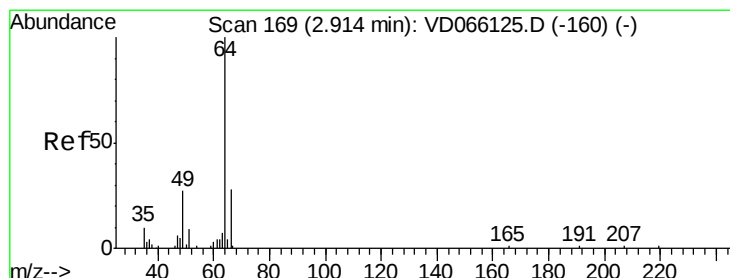
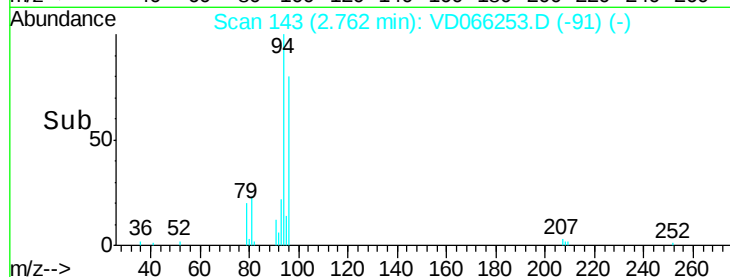
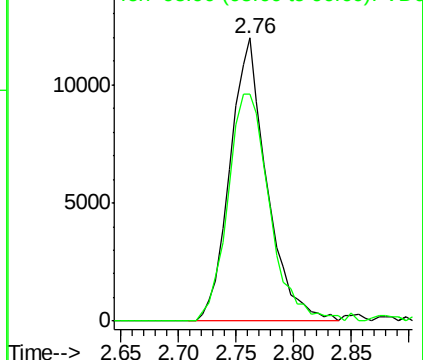
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.005 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066253.D

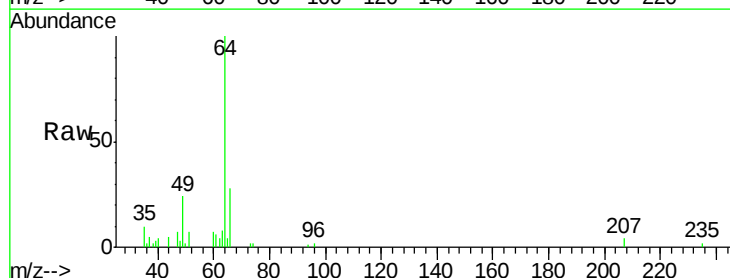
Acq: 17 Aug 2020 13:05

Tgt Ion: 64 Resp: 23812

Ion Ratio Lower Upper

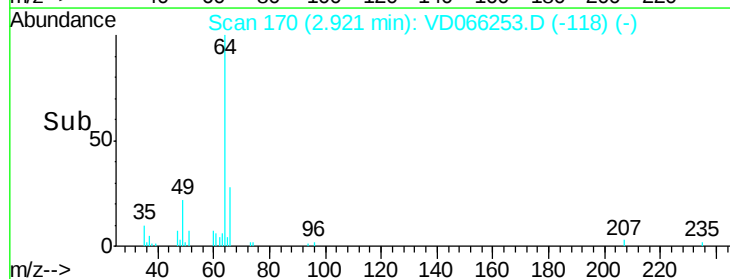
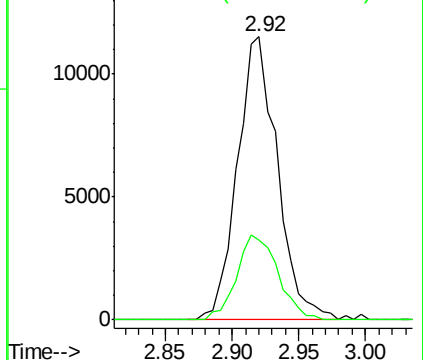
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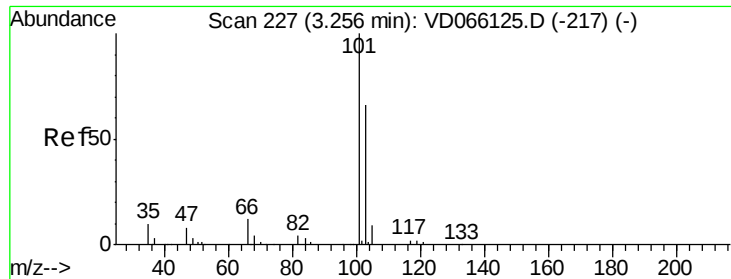
66 28.4 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

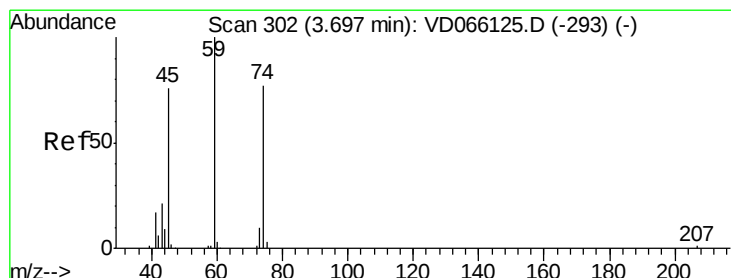
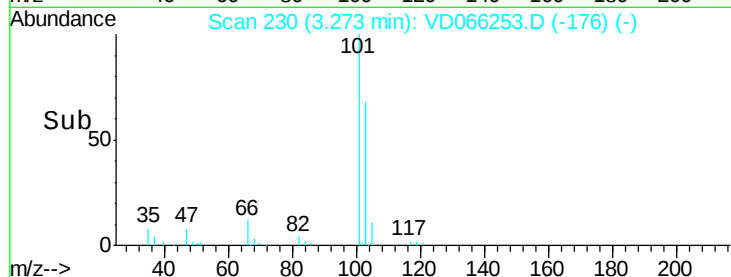
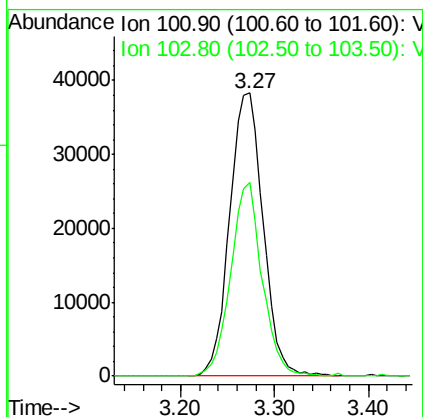
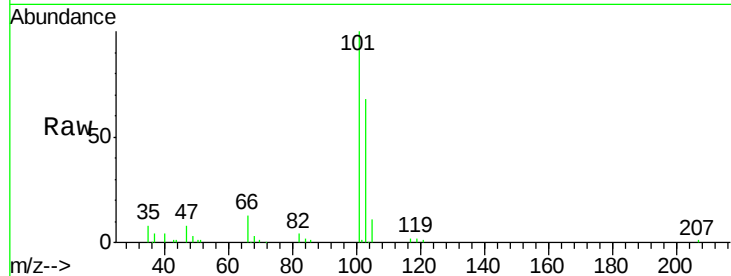
Trichlorofluoromethane
 Concen: 20.635 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.02 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

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 VD0817SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	53.0	79.6

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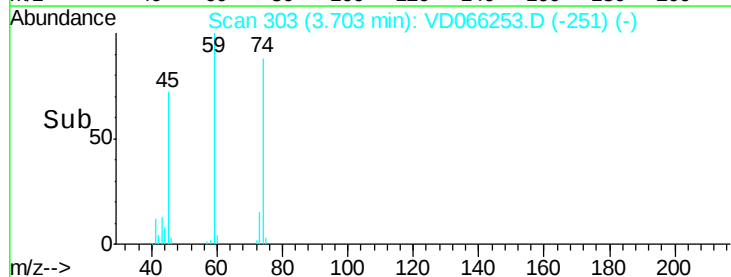
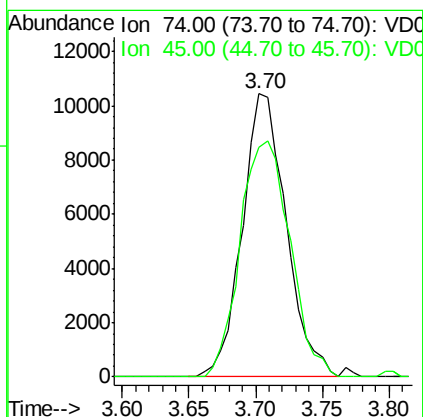
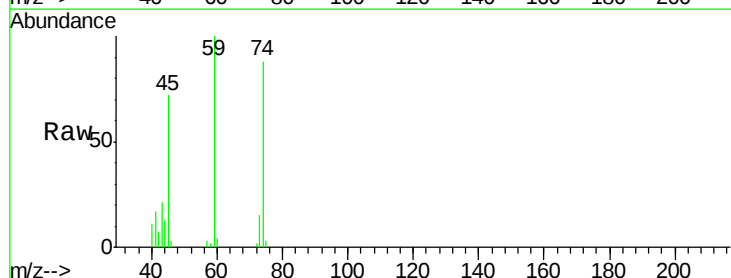
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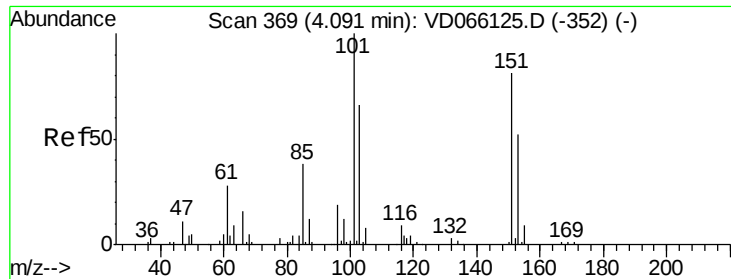


#8

Diethyl Ether
 Concen: 18.374 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.119 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

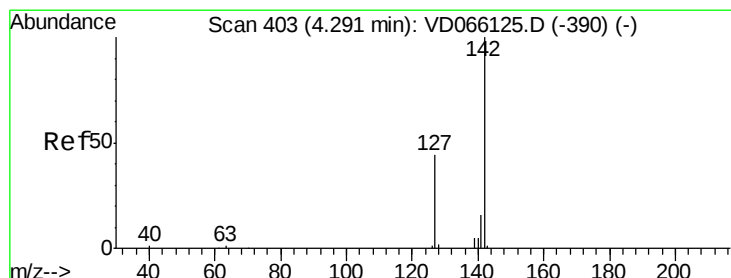
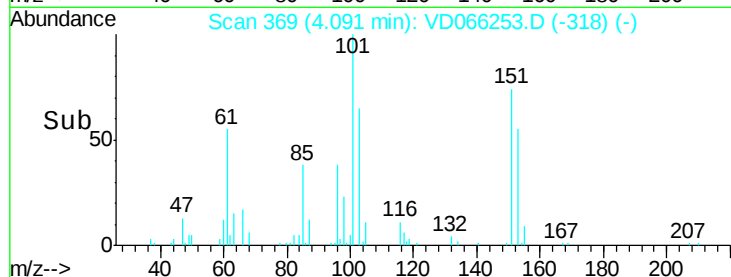
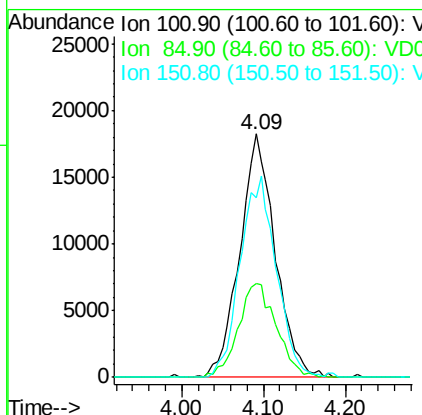
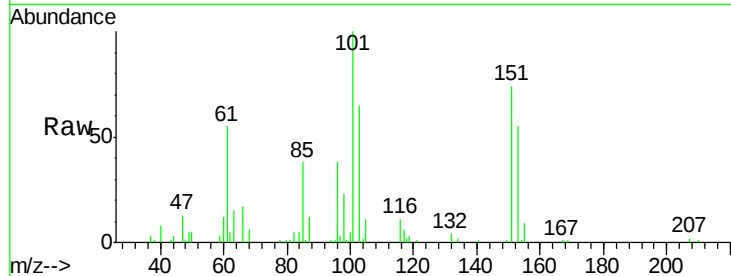
ClientSampleId :

VD0817SBS01

Tot Ion:	101	Resp:	54873
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.5	50.3
151	84.2	67.8	101.8

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#10

Methyl Iodide

Concen: 24.389 ug/l

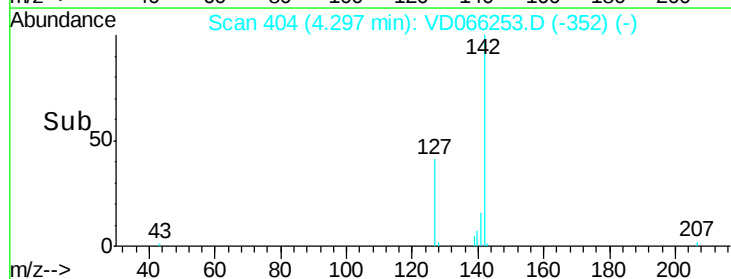
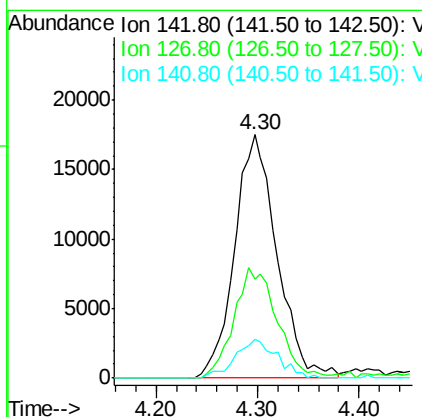
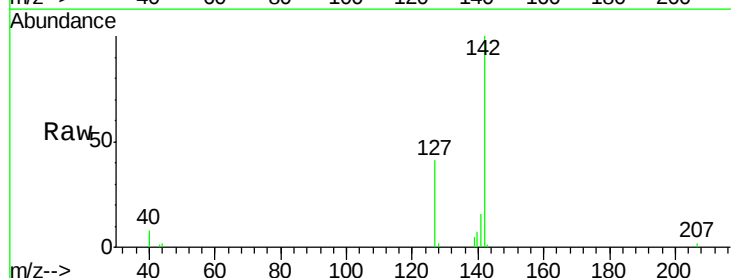
RT: 4.30 min Scan# 404

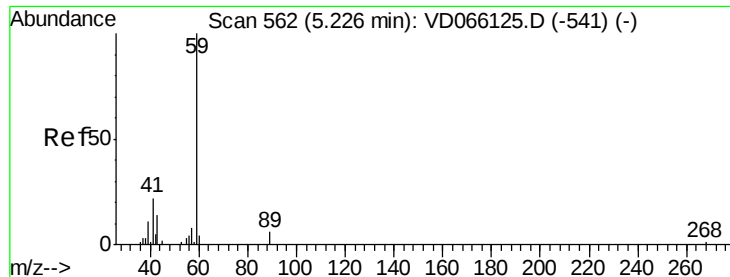
Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	142	Resp:	50701
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.2	54.4
141	15.8	12.6	18.8





#11

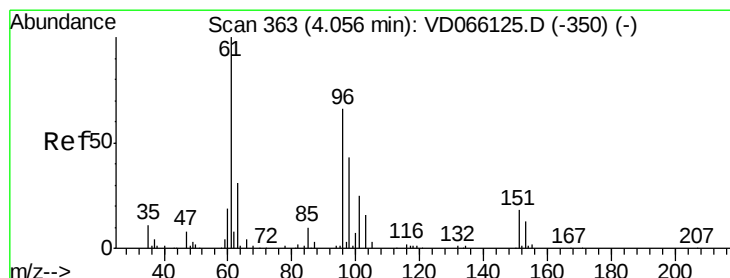
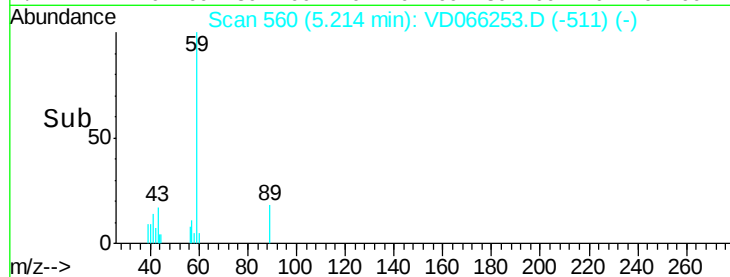
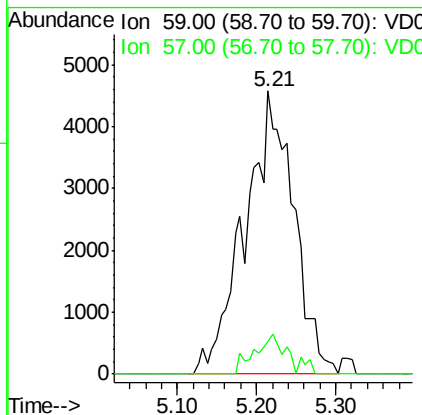
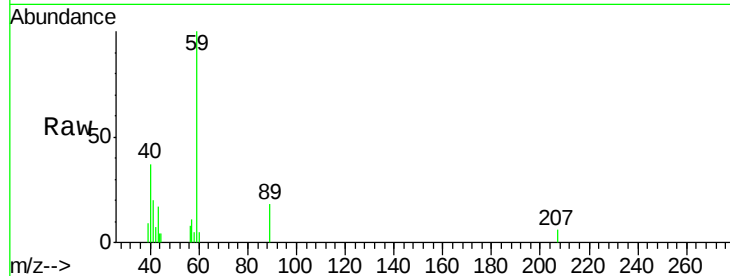
Tert butyl alcohol
 Concen: 74.453 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	7.0	10.4

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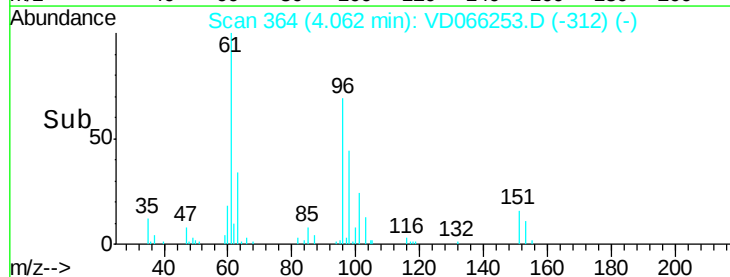
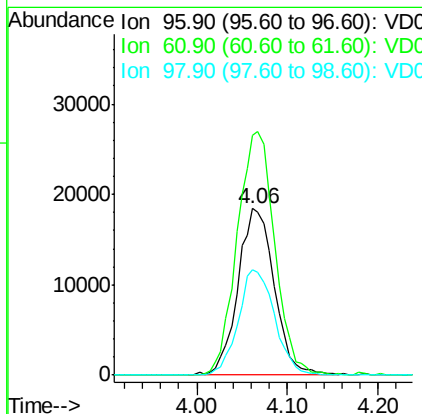
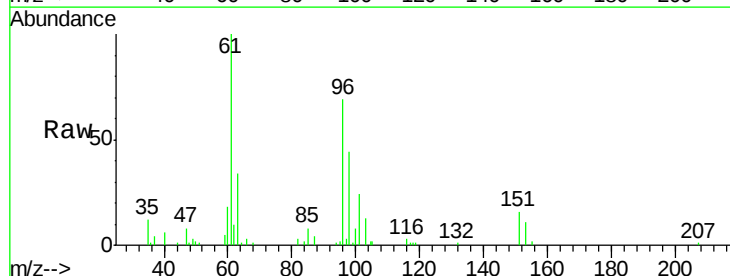
MMDadoda
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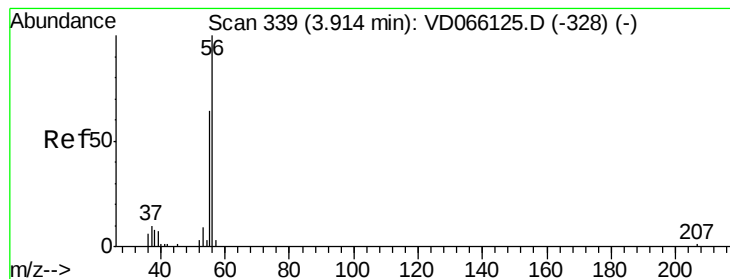


#12

1,1-Dichloroethene
 Concen: 19.957 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.9	121.6	182.4
98	63.4	52.0	78.0





#13

Acrolein

Concen: 58.187 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 56 Resp: 12005

Ion Ratio Lower Upper

56 100

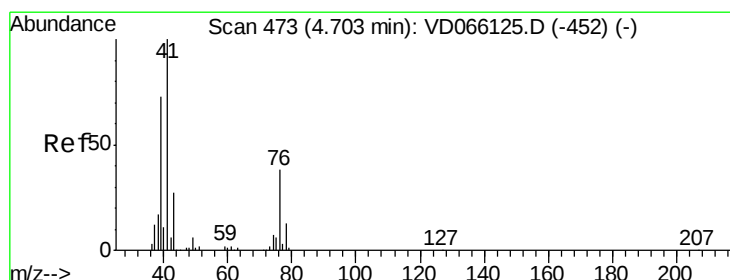
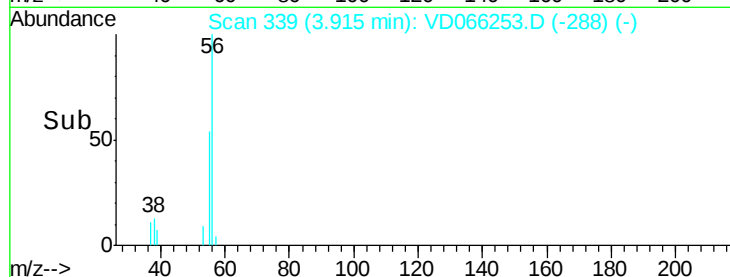
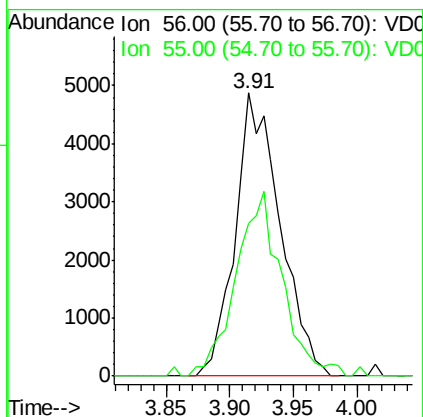
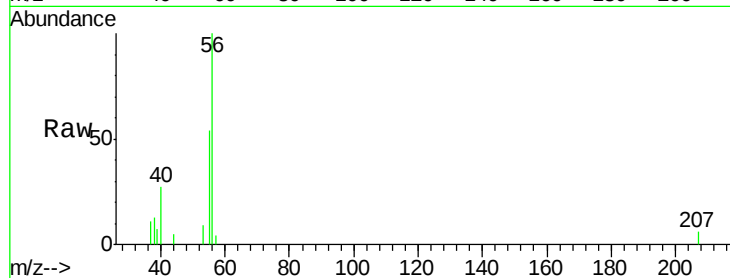
55 66.5 56.7 85.1

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#14

Allyl chloride

Concen: 18.435 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

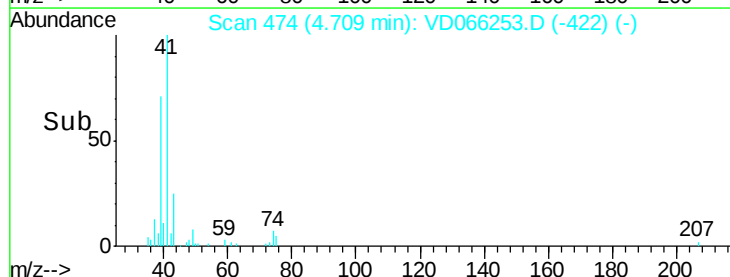
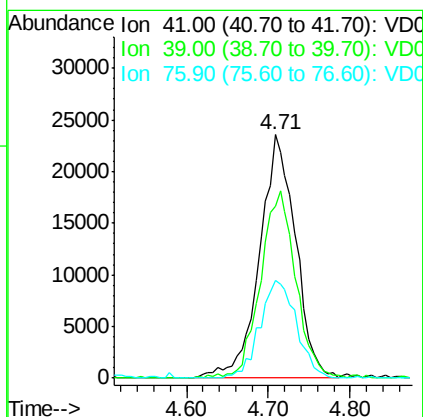
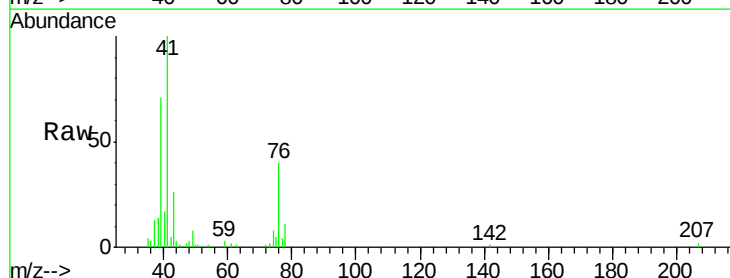
Tgt Ion: 41 Resp: 71859

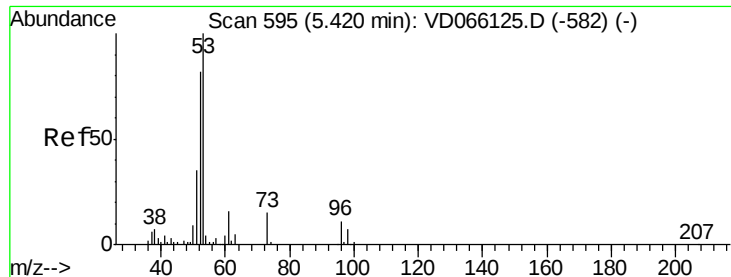
Ion Ratio Lower Upper

41 100

39 76.1 57.4 86.0

76 40.6 30.1 45.1





#15

Acrylonitrile

Concen: 91.219 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

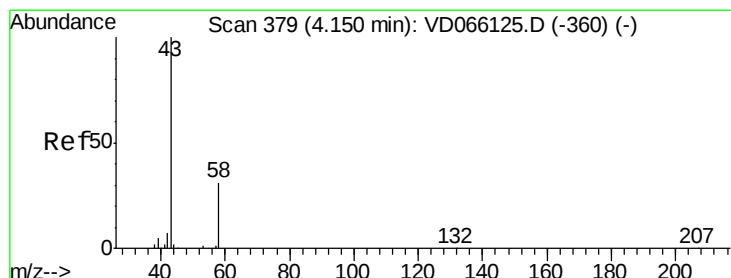
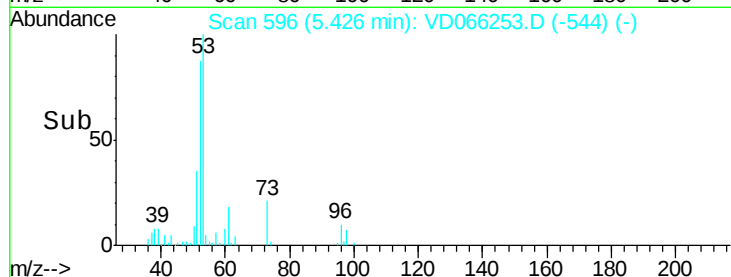
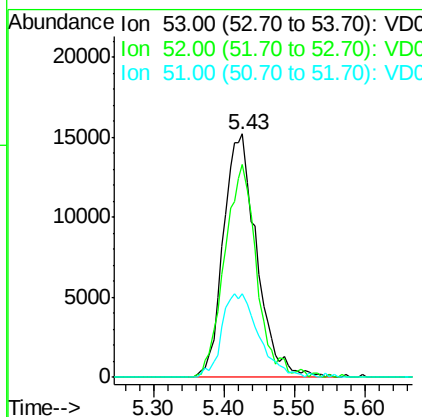
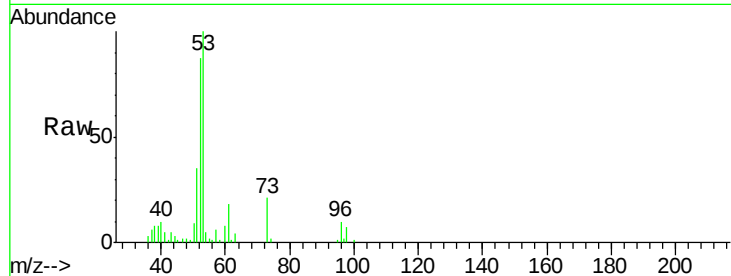
ClientSampleId :

VD0817SBS01

Tot Ion:	53	Resp:	49847
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.1	99.1
51	37.8	30.8	46.2

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#16

Acetone

Concen: 97.710 ug/l

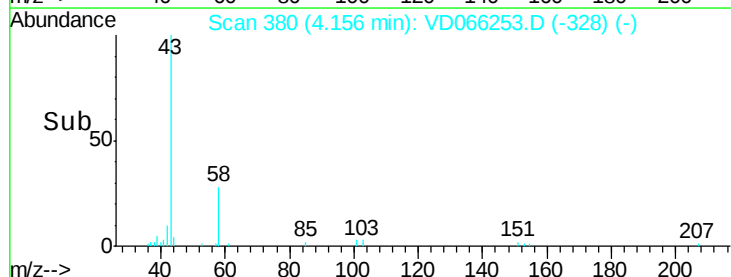
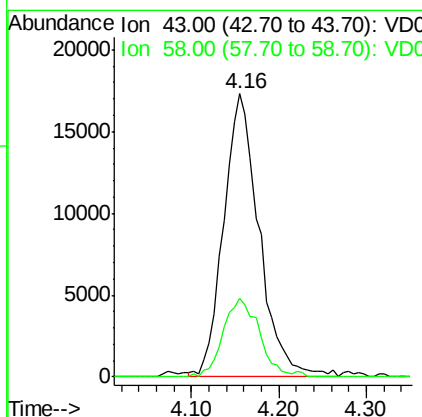
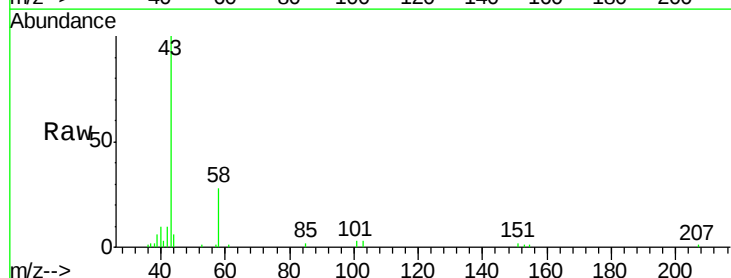
RT: 4.16 min Scan# 380

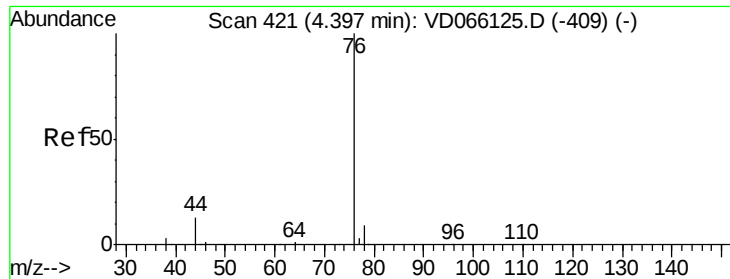
Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	43	Resp:	48055
Ion Ratio	Lower	Upper	
43	100		
58	27.7	24.7	37.1





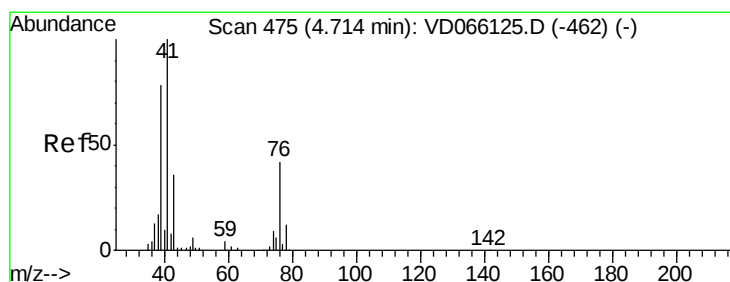
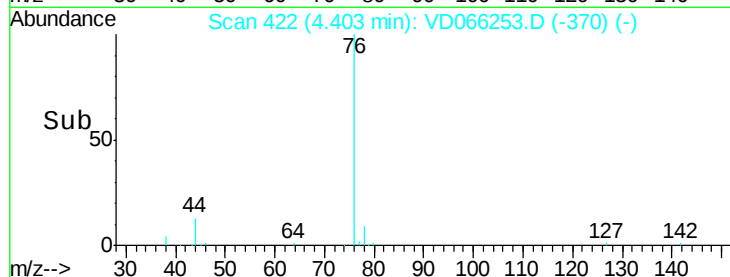
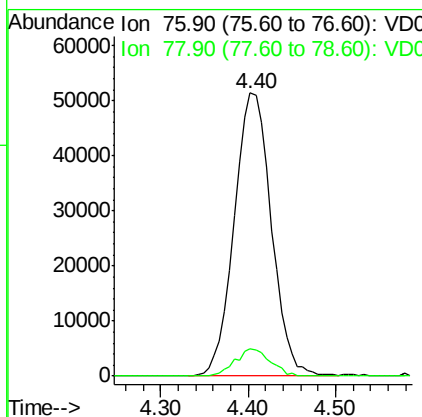
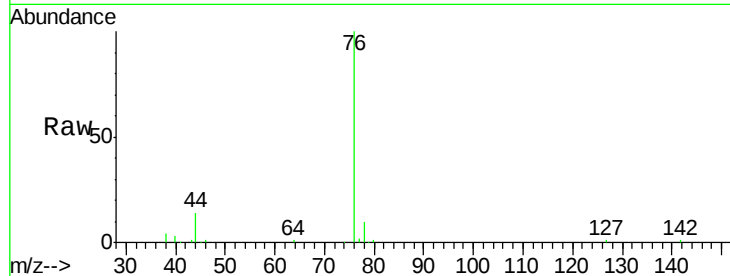
#17
Carbon Disulfide
Concen: 18.115 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBSD01

Tot Ion: 76 Resp: 148195
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

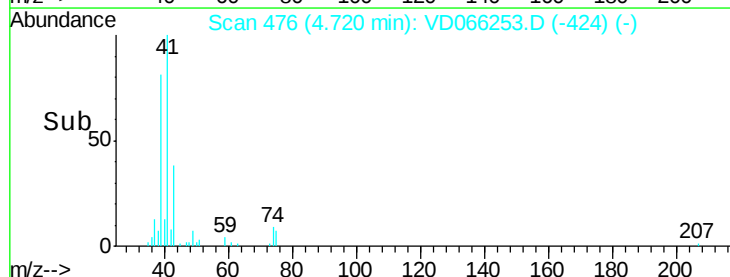
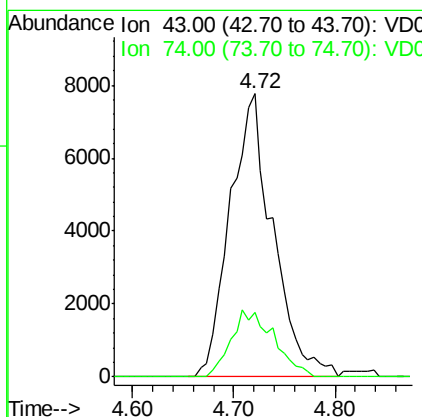
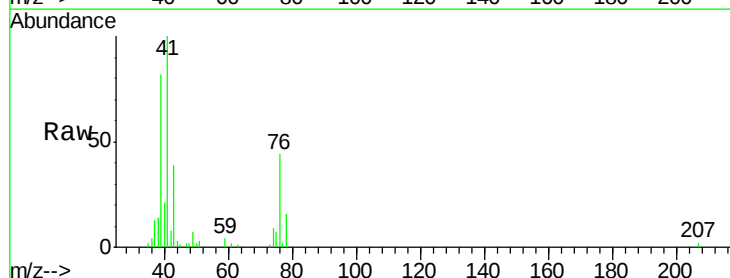
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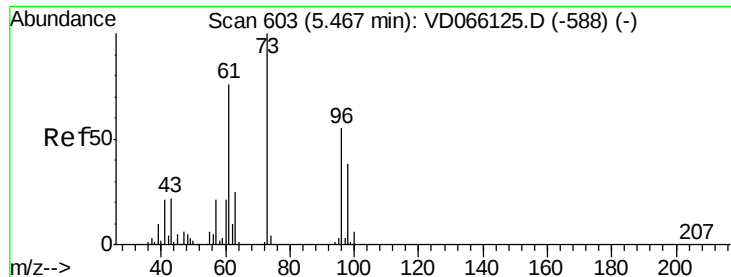
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#18
Methyl Acetate
Concen: 18.280 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 43 Resp: 22836
Ion Ratio Lower Upper
43 100
74 23.6 21.2 31.8





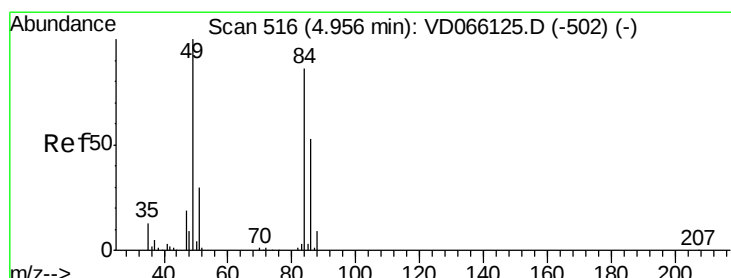
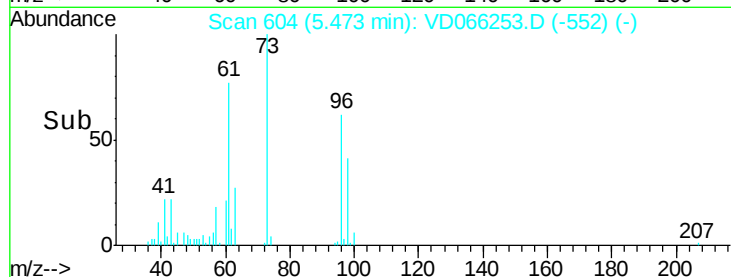
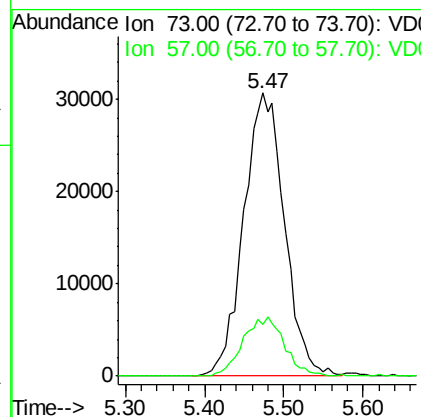
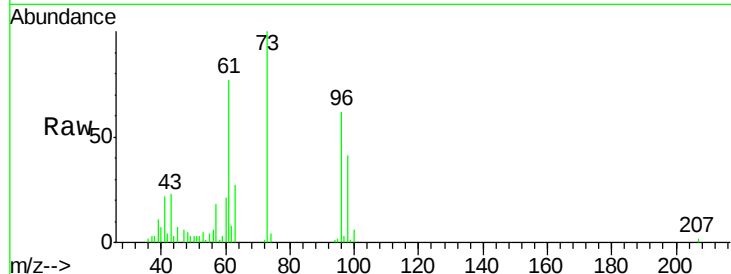
#19
Methvl tert-butvl Ether
Concen: 18.596 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion: 73 Resp: 109668
Ion Ratio Lower Upper
73 100
57 18.3 17.1 25.7

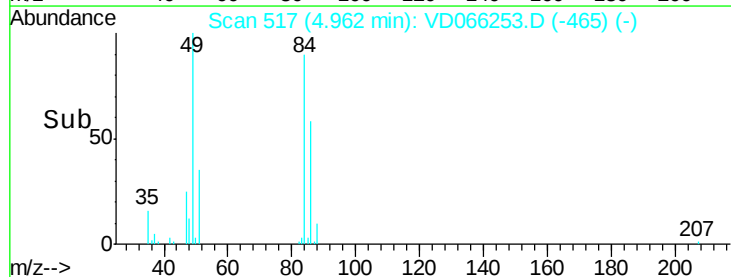
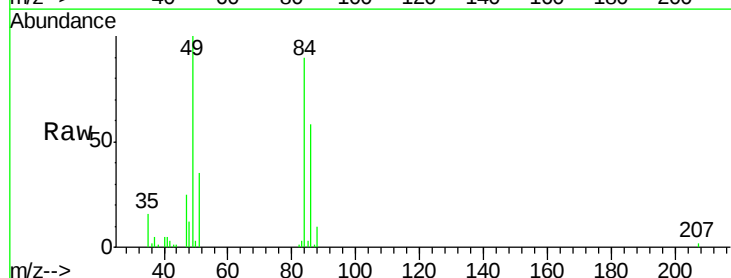
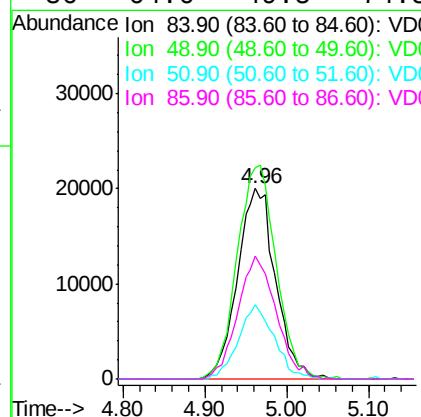
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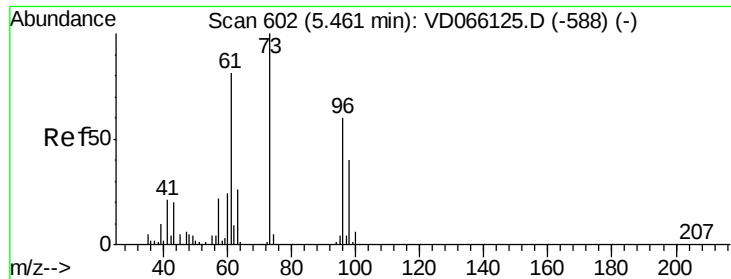
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#20
Methylene Chloride
Concen: 20.186 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion: 84 Resp: 64870
Ion Ratio Lower Upper
84 100
49 111.2 93.5 140.3
51 38.9 28.2 42.4
86 64.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.936 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

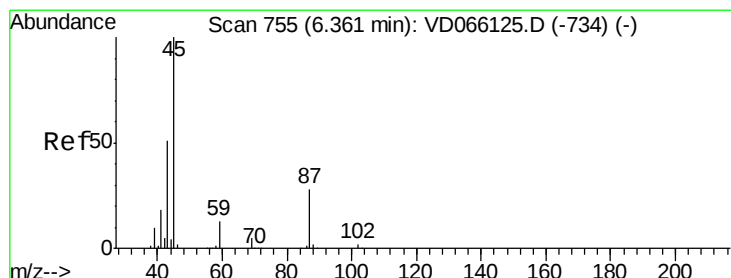
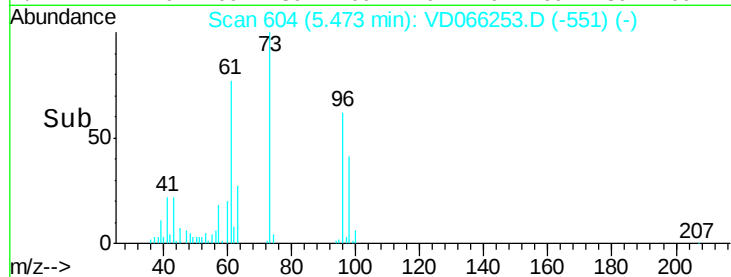
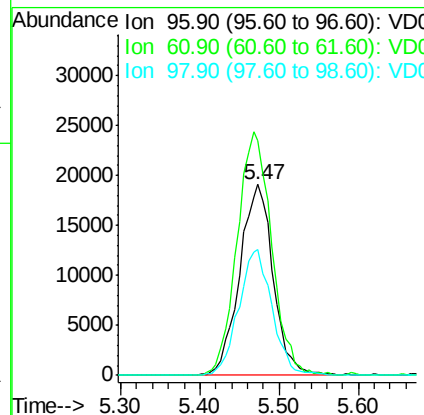
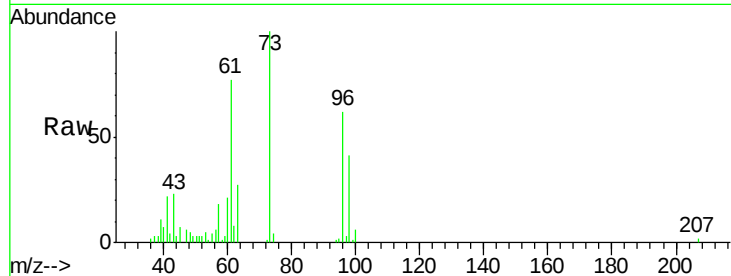
ClientSampleId :

VD0817SBS01

Tot Ion:	96	Resp:	55969
Ion	Ratio	Lower	Upper
96	100		
61	123.3	106.9	160.3
98	65.8	53.4	80.0

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#22

Diisopropyl ether

Concen: 18.508 ug/l

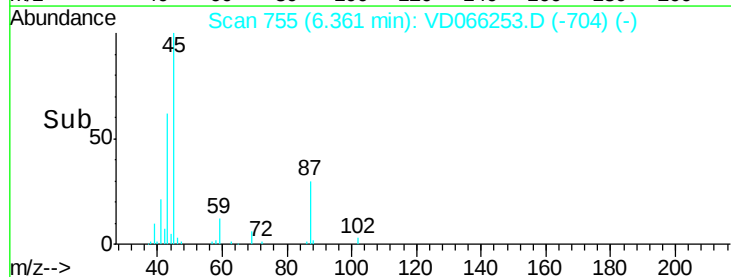
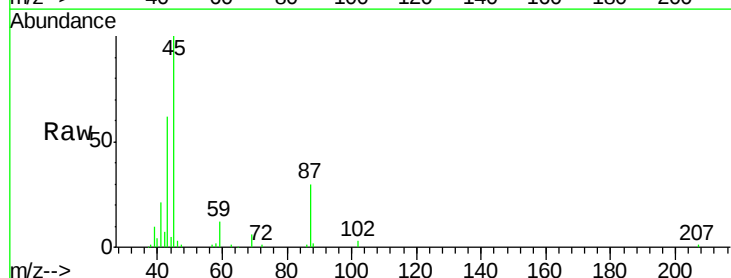
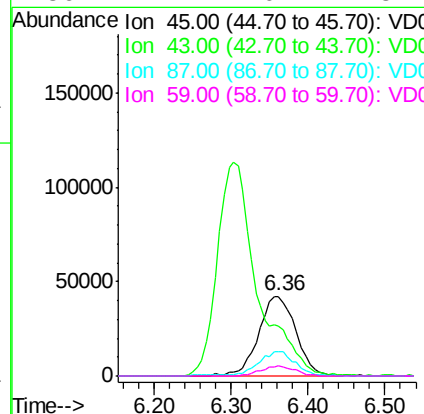
RT: 6.36 min Scan# 755

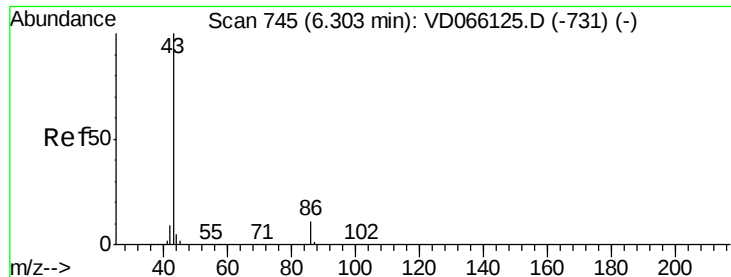
Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	45	Resp:	142663
Ion	Ratio	Lower	Upper
45	100		
43	60.7	41.2	61.8
87	29.4	22.8	34.2
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 90.133 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 43 Resp: 407028

Ion Ratio Lower Upper

43 100

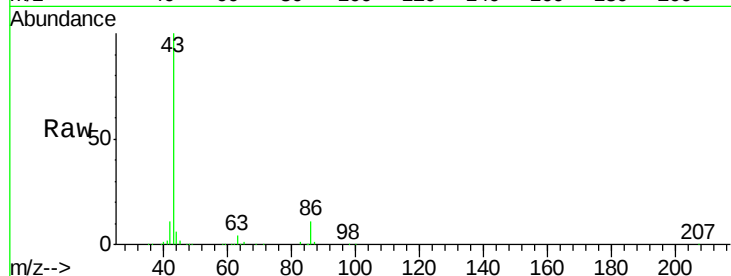
86 11.2 9.1 13.7

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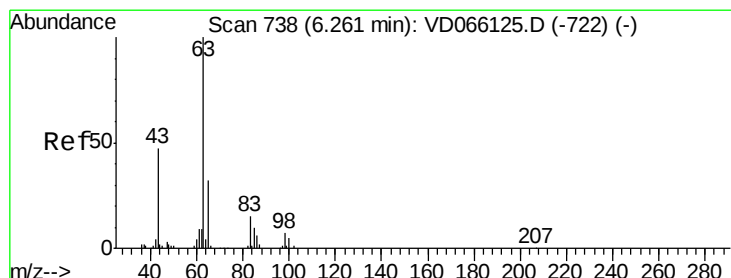
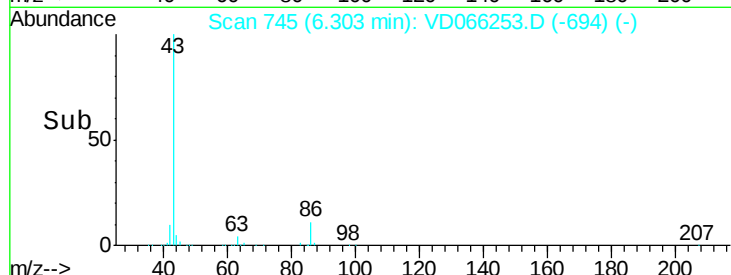
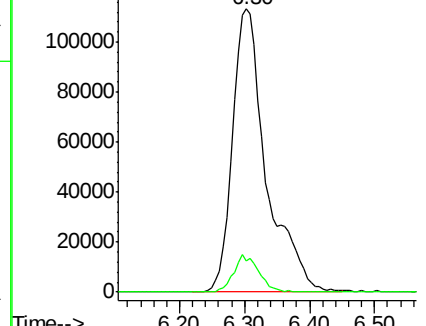
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.190 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

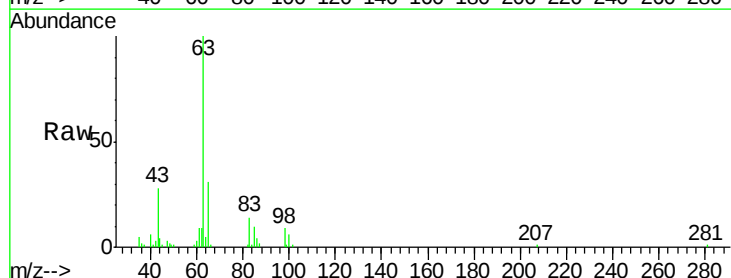
Tgt Ion: 63 Resp: 91544

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

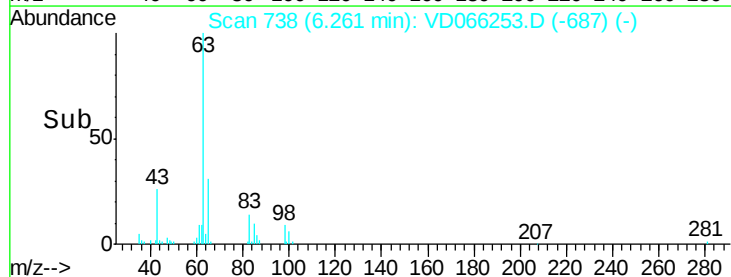
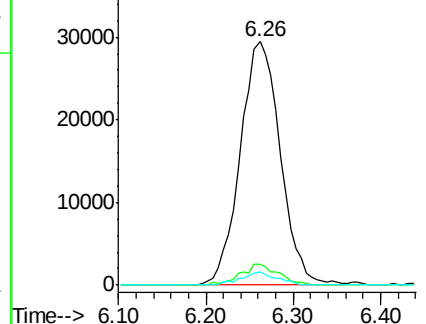
100 5.7 2.4 7.2

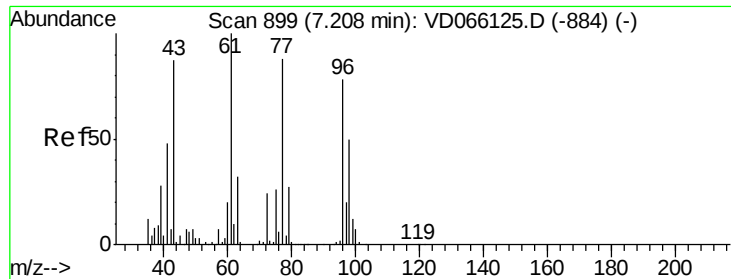


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 86.995 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 43 Resp: 62929

Ion Ratio Lower Upper

43 100

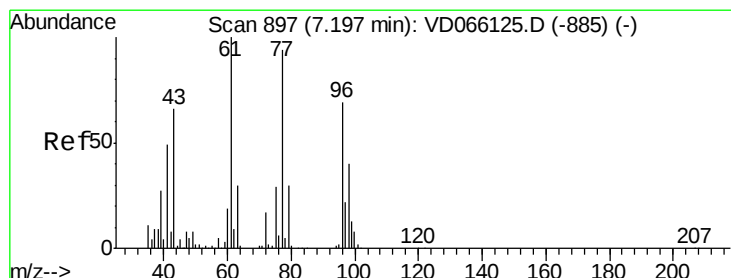
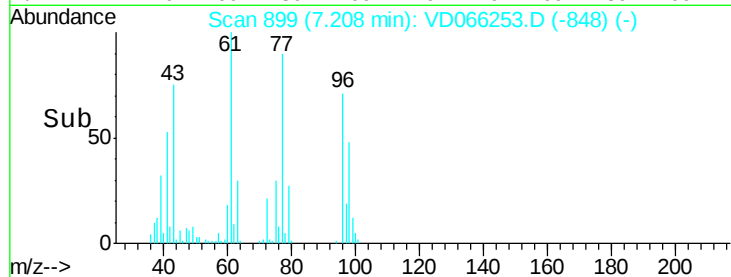
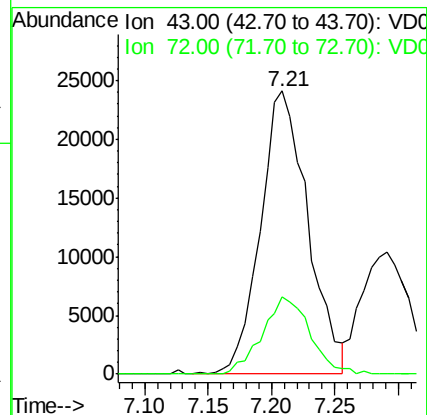
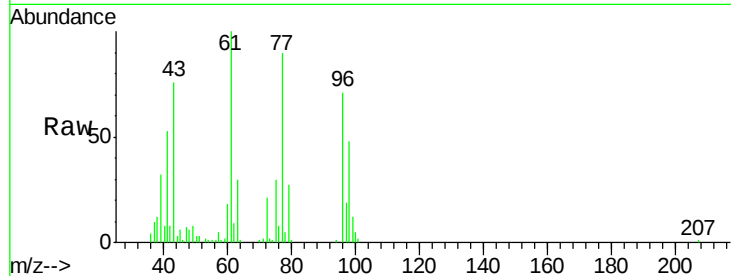
72 27.3 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.829 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066253.D

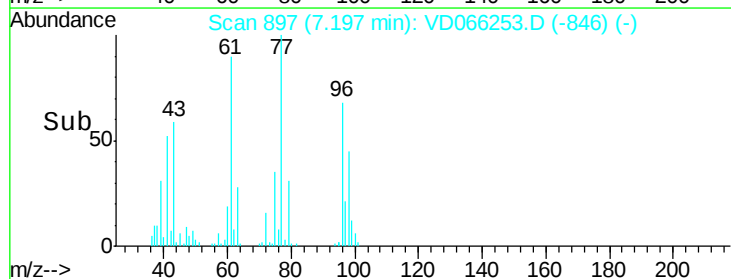
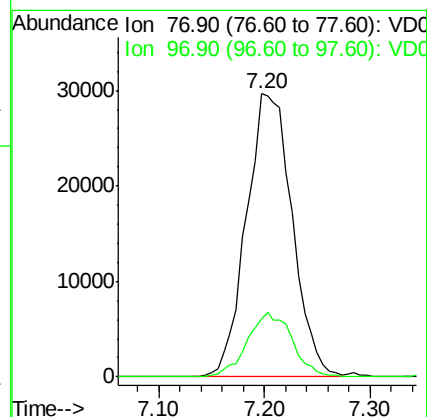
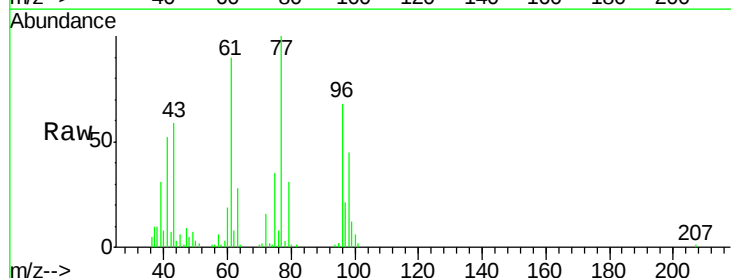
Acq: 17 Aug 2020 13:05

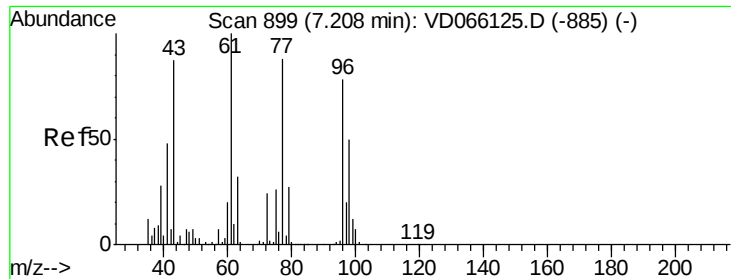
Tgt Ion: 77 Resp: 89057

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.3





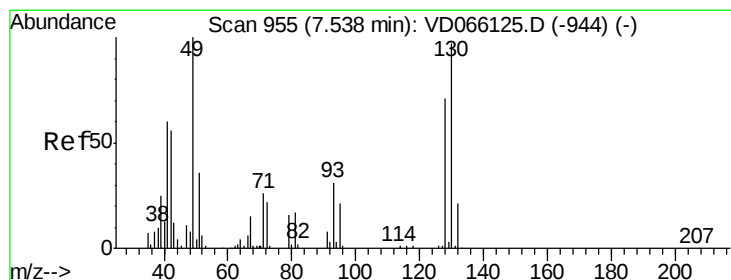
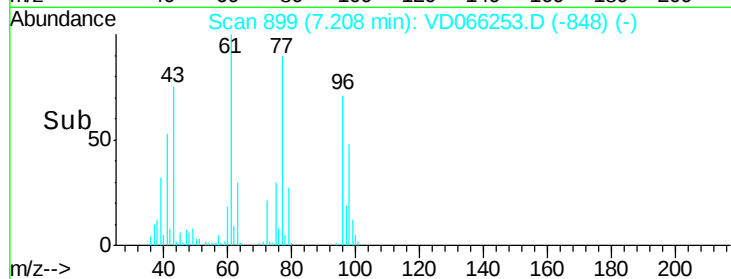
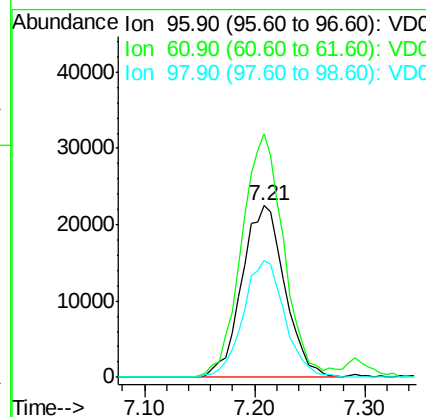
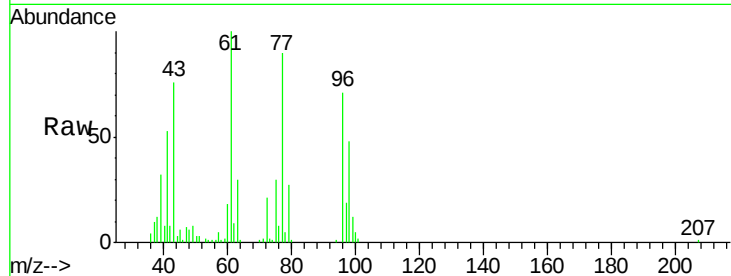
#27
 cis-1,2-Dichloroethene
 Concen: 19.808 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	61410		
61	139.4	0.0	281.6	
98	66.0	0.0	130.8	

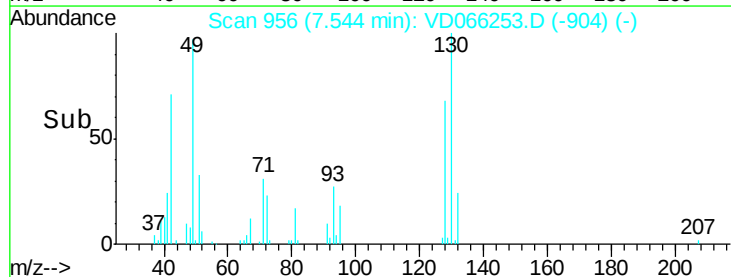
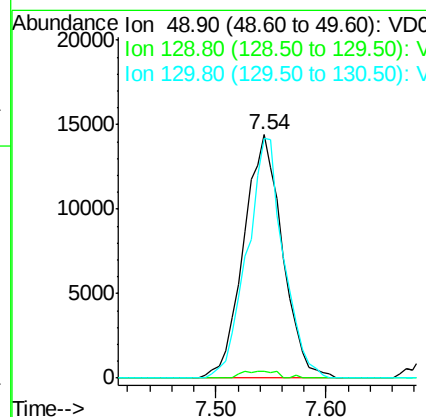
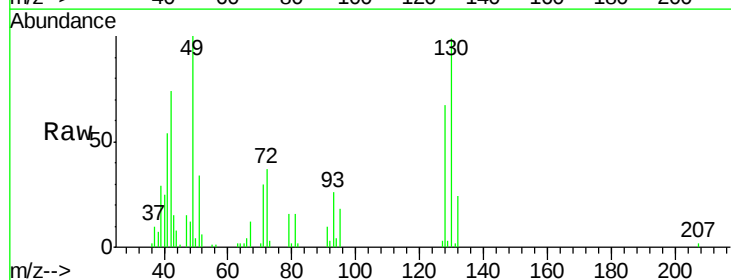
Manual Integrations
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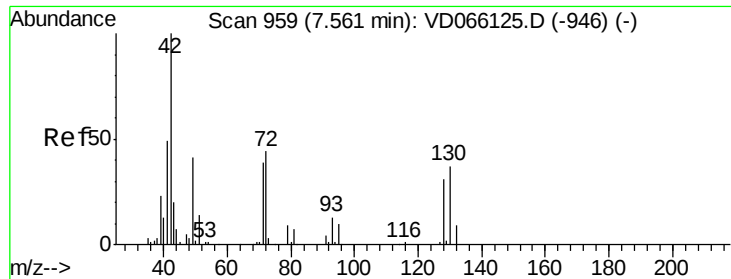
MMDadoda
 8/18/2020 11:08:49 AM



#28
 Bromochloromethane
 Concen: 21.246 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	35597		
129	2.5	0.0	6.0	
130	92.8	73.8	110.6	





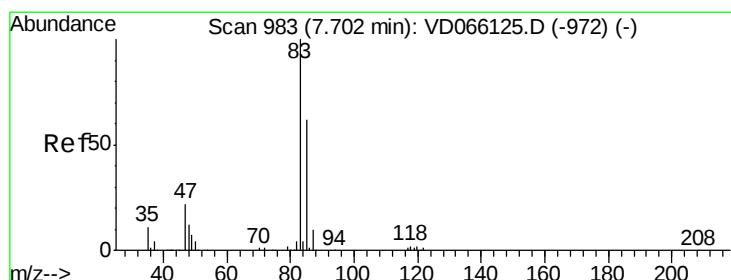
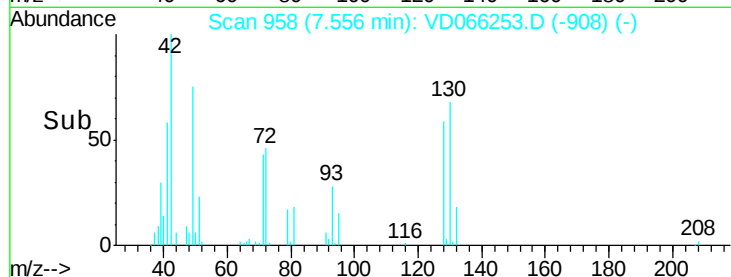
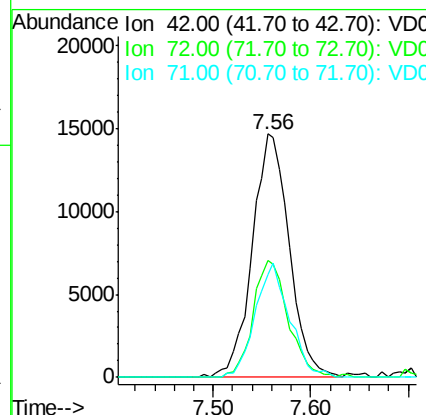
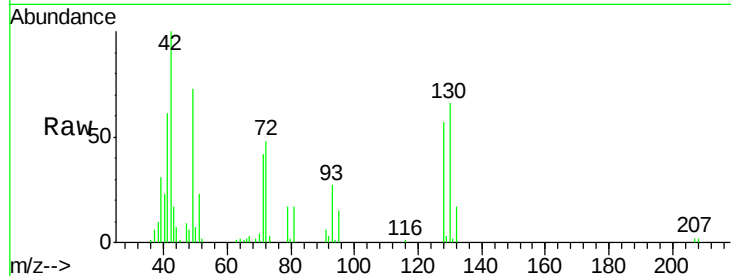
#29
Tetrahydrofuran
Concen: 86.666 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.8	52.2
71	43.5	33.5	50.3

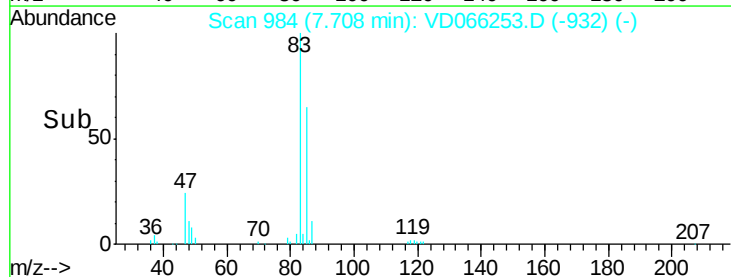
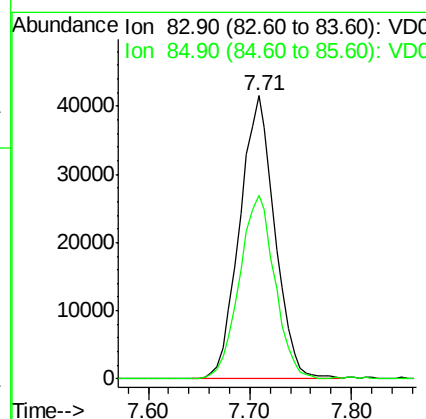
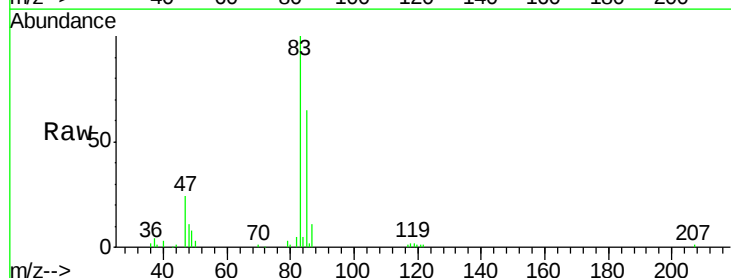
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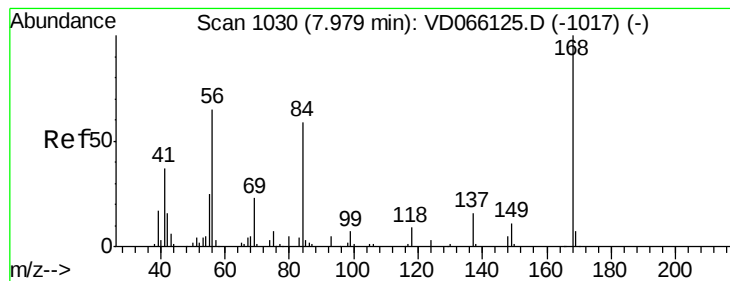
MMDadoda
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#30
Chloroform
Concen: 19.912 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.5	74.3





#31

Cyclohexane

Concen: 18.521 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

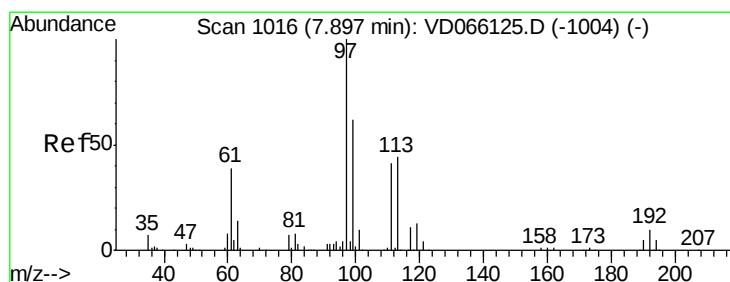
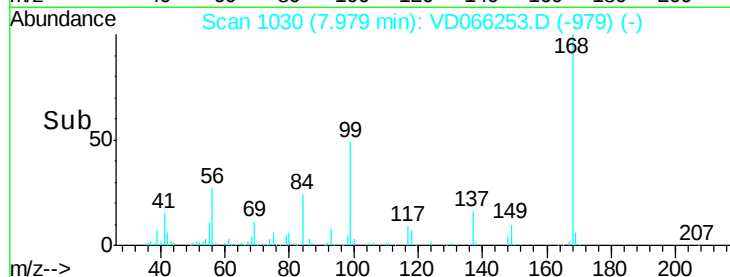
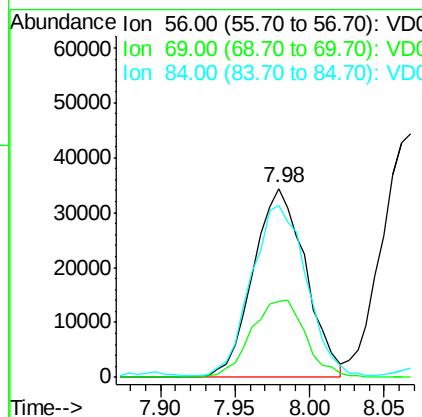
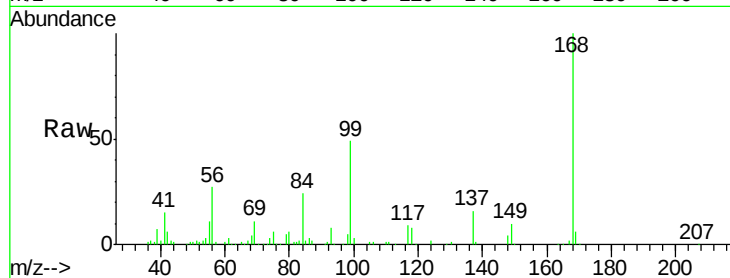
ClientSampleId :

VD0817SBS01

Tot Ion:	56	Resp:	84103
Ion	Ratio	Lower	Upper
56	100		
69	40.4	28.8	43.2
84	90.1	73.0	109.6

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#32

1,1,1-Trichloroethane

Concen: 20.485 ug/l

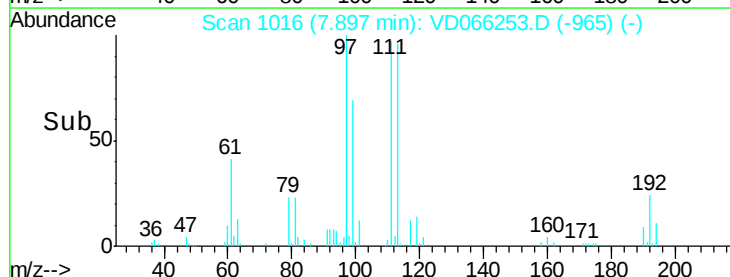
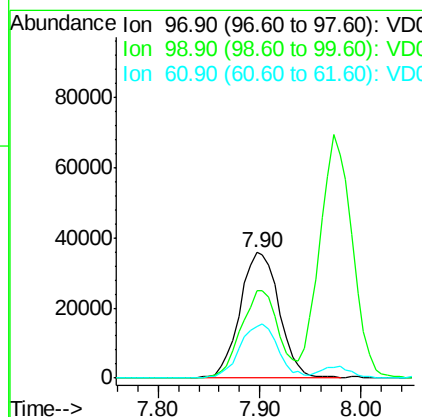
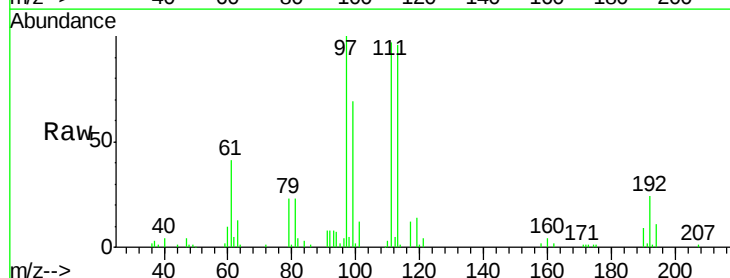
RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	97	Resp:	96212
Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.1	76.7
61	41.8	32.7	49.1





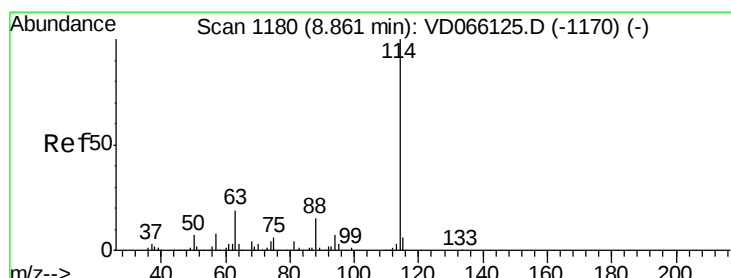
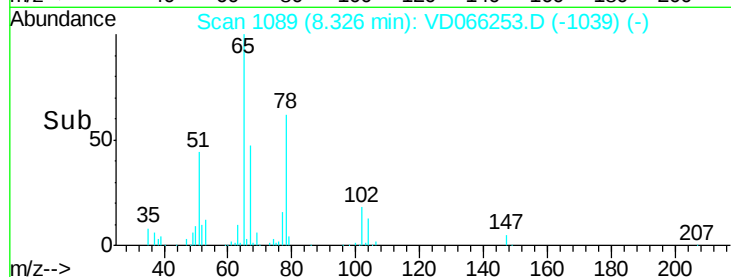
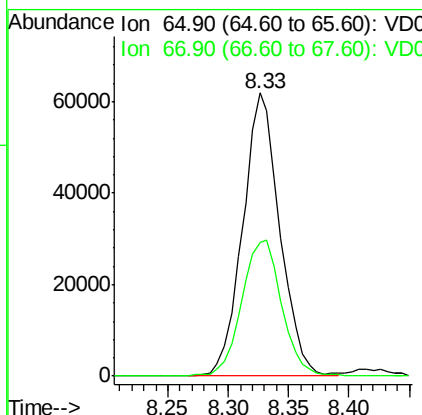
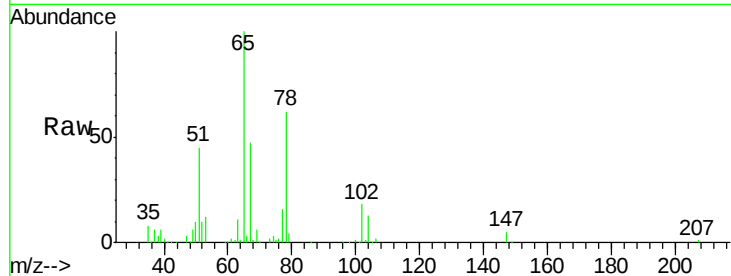
#33
 1,2-Dichloroethane-d4
 Concen: 51.060 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.7	0.0	104.6	

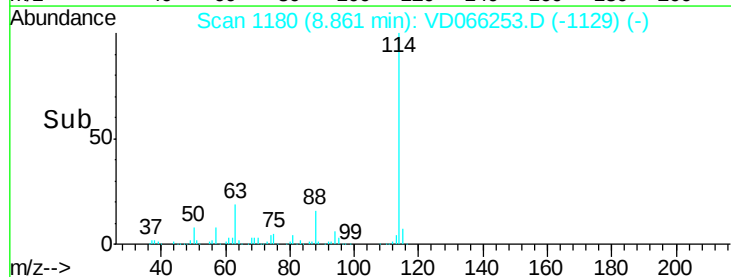
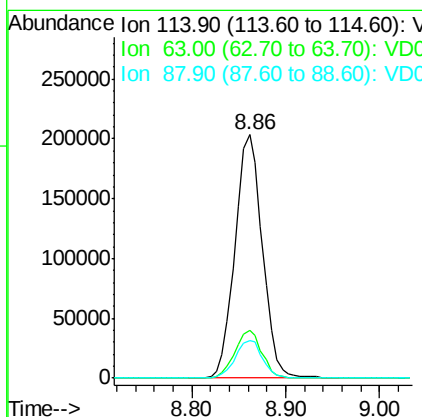
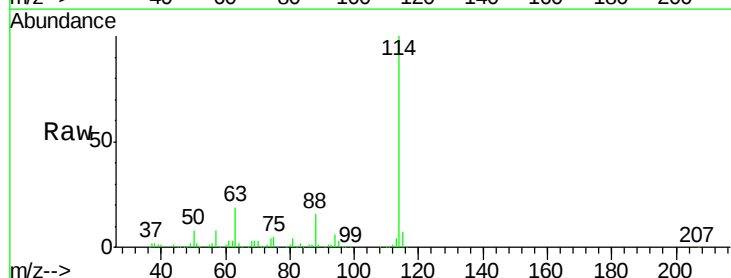
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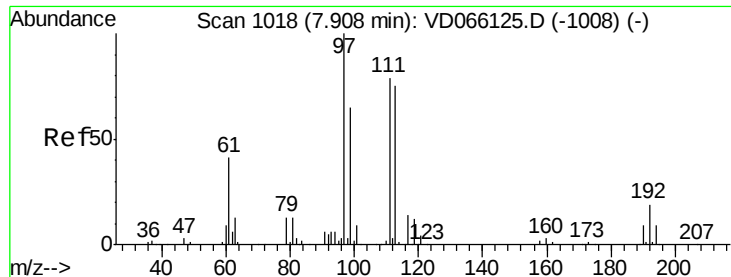
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	38.6	
88	15.6	0.0	30.0	





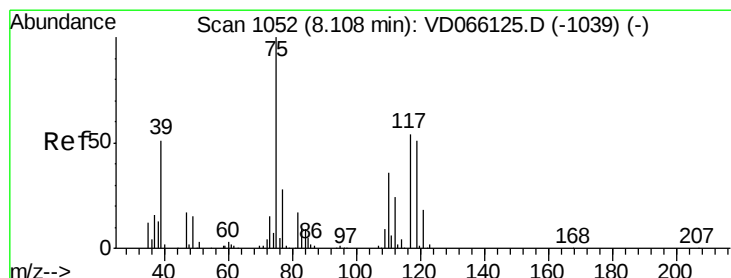
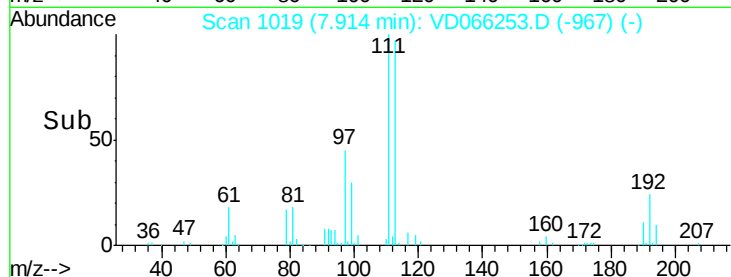
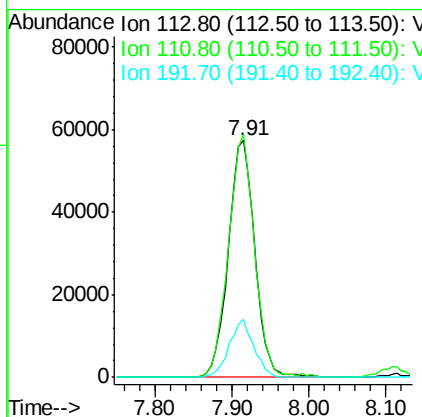
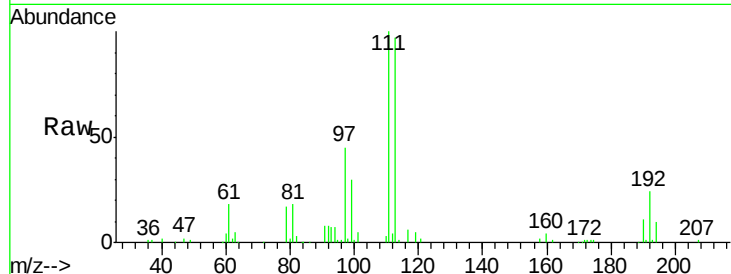
#35
Dibromofluoromethane
Concen: 52.882 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138037		
111	100.4	80.7	121.1	
192	22.8	18.4	27.6	

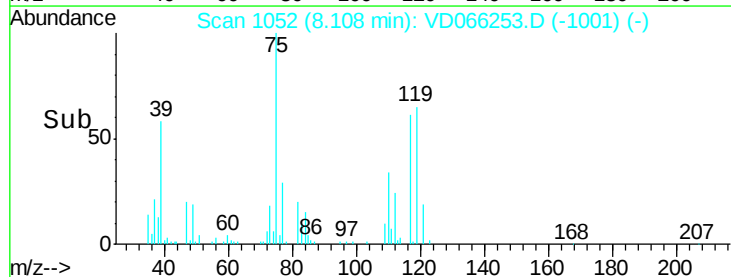
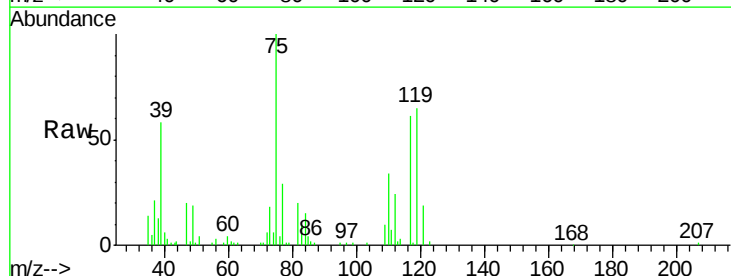
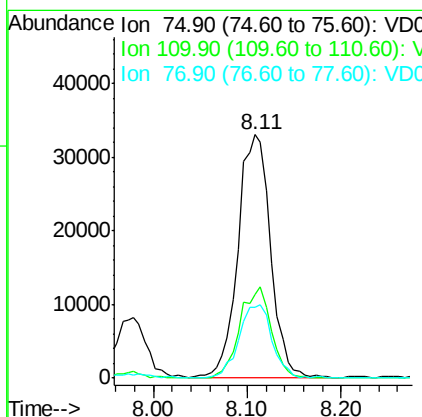
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#36
1,1-Dichloropropene
Concen: 20.517 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79440		
110	36.0	18.8	56.3	
77	30.5	24.2	36.2	





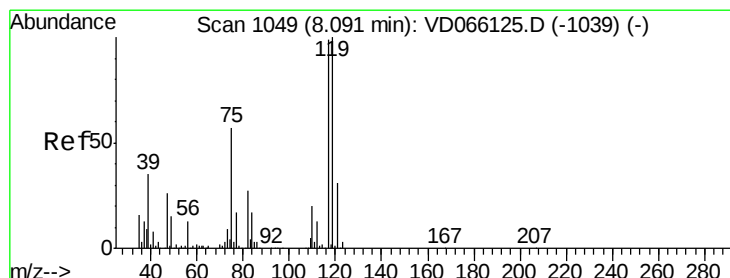
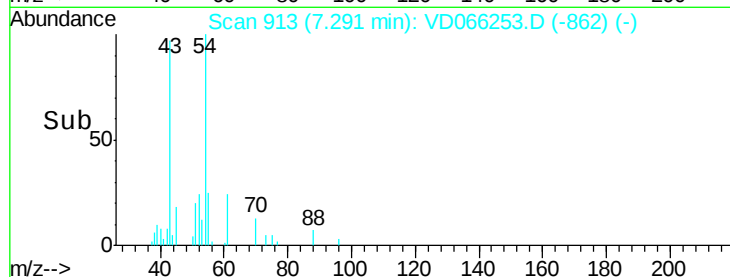
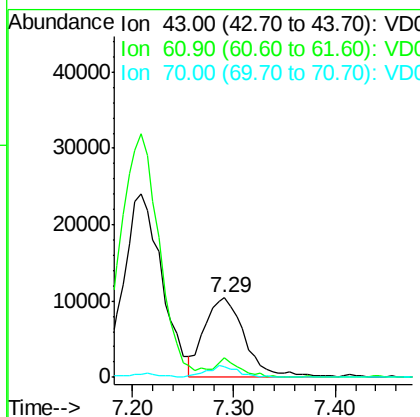
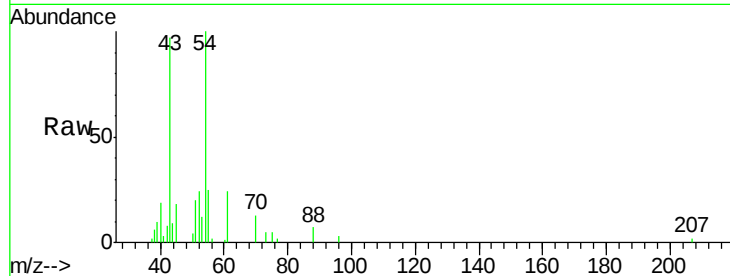
#37
Ethyl Acetate
Concen: 18.934 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	43	Resp	29047
Ion Ratio	100	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	10.9	9.7	14.5

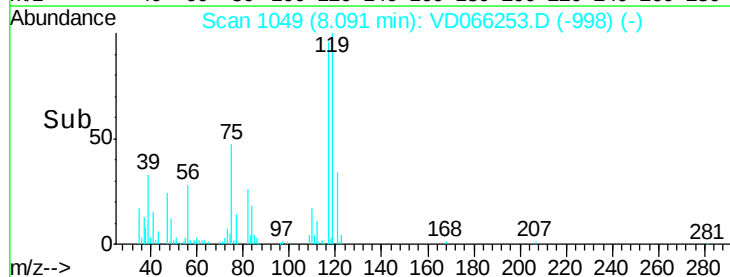
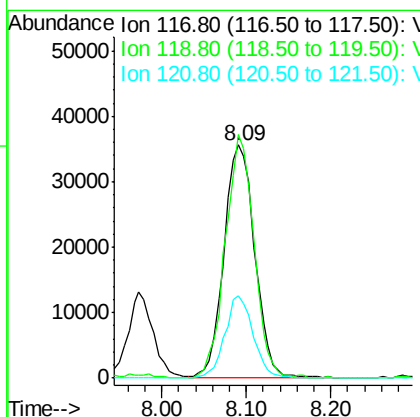
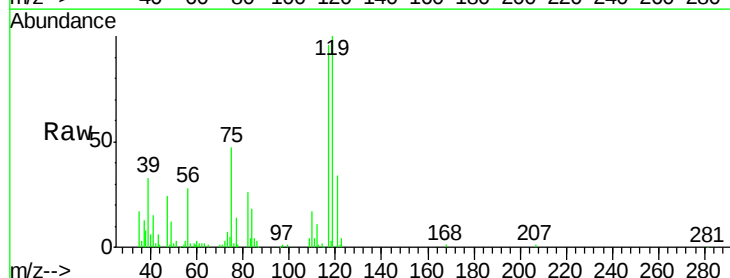
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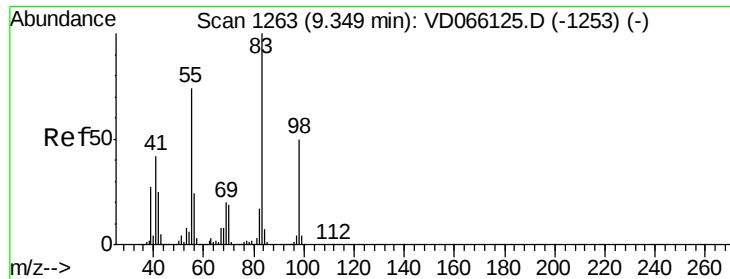
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#38
Carbon Tetrachloride
Concen: 20.843 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	117	Resp	89997
Ion Ratio	100	Lower	Upper
117	100		
119	104.5	81.0	121.4
121	35.2	24.8	37.2





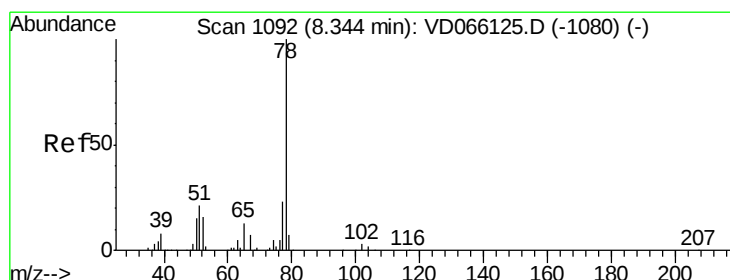
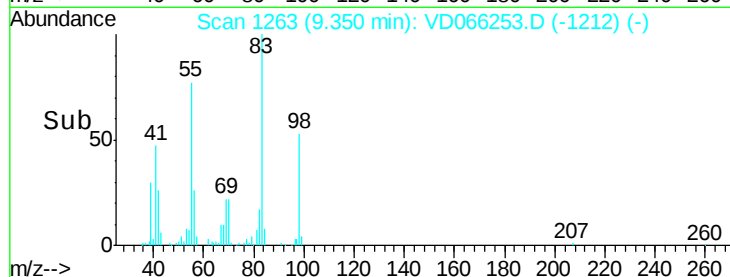
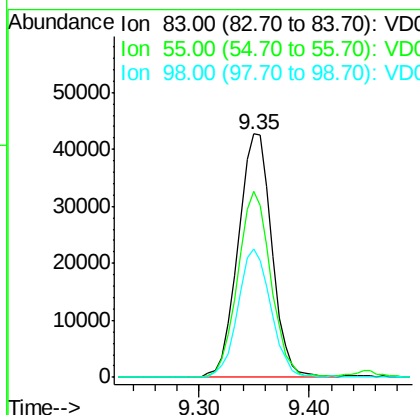
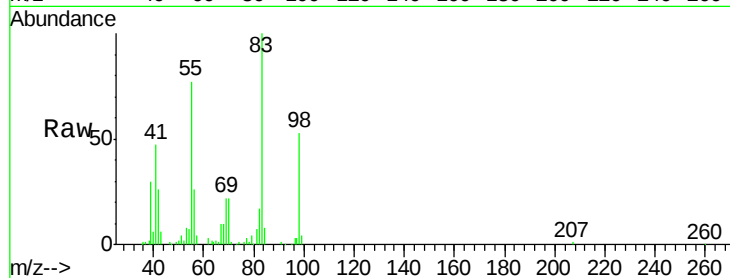
#39
Methvlcvclohexane
Concen: 19.584 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.2	88.8
98	52.7	39.8	59.6

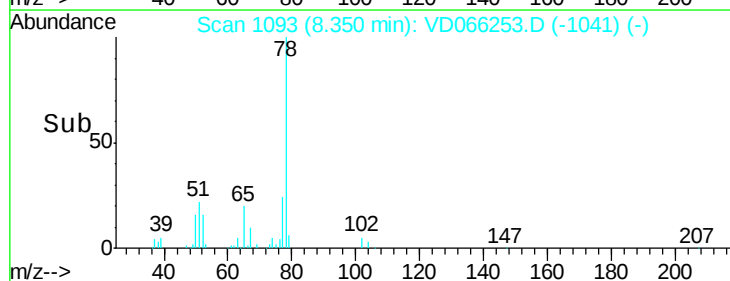
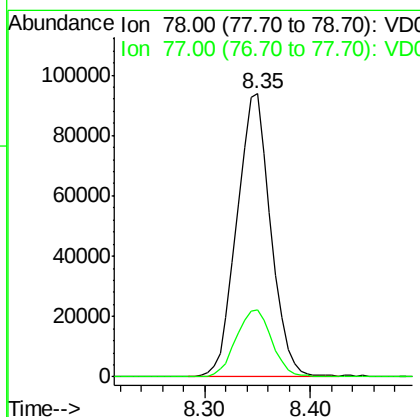
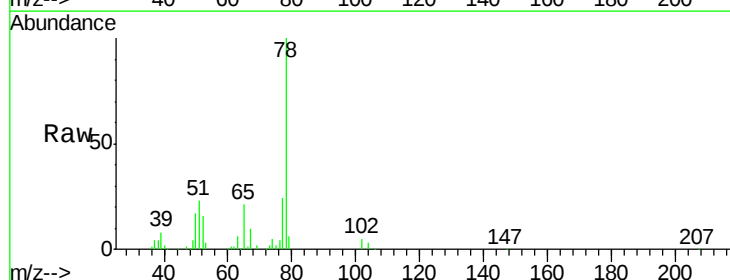
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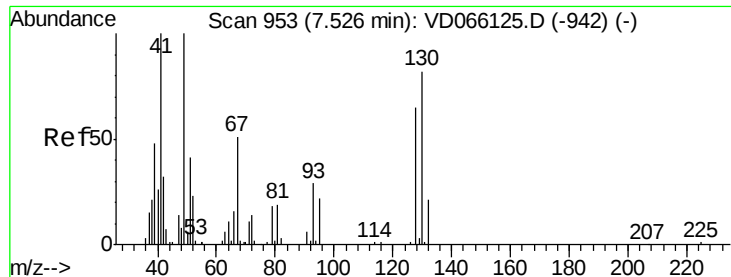
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#40
Benzene
Concen: 19.440 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





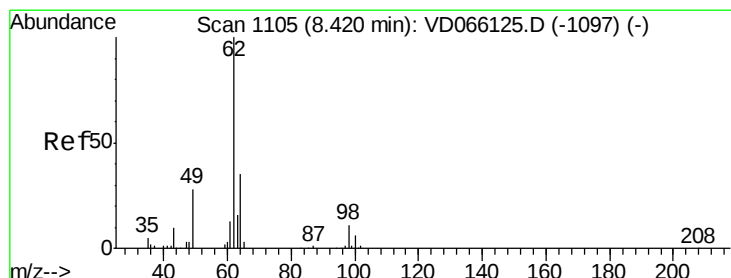
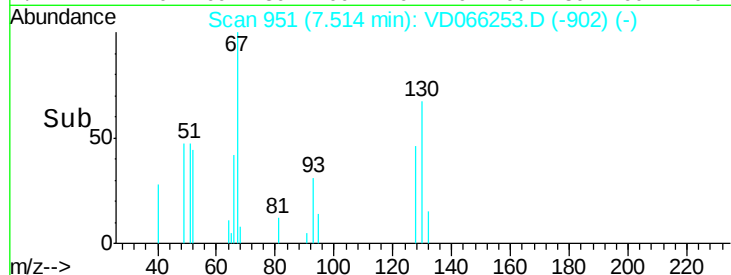
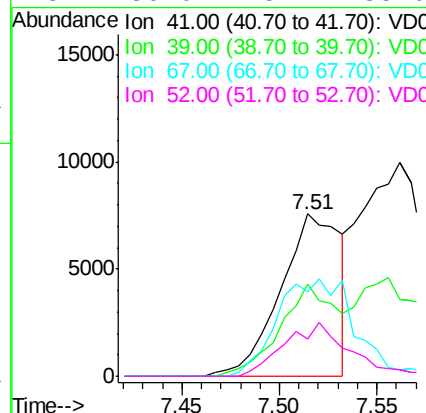
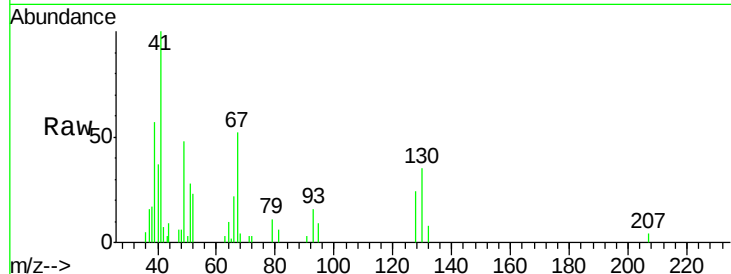
#41
Methacrylonitrile
Concen: 17.855 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.7	47.5	71.3
67	77.1	59.1	88.7
52	36.0	25.4	38.0

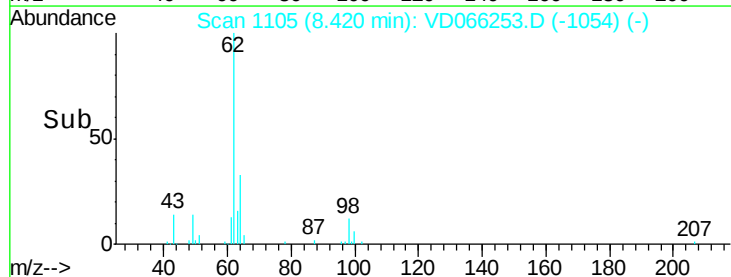
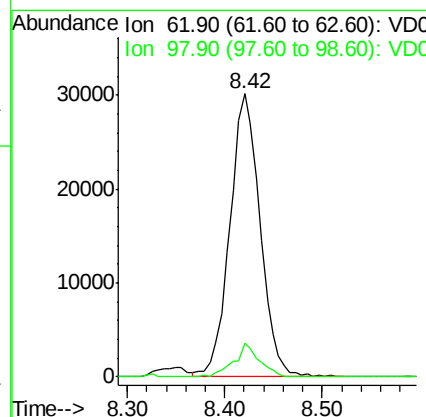
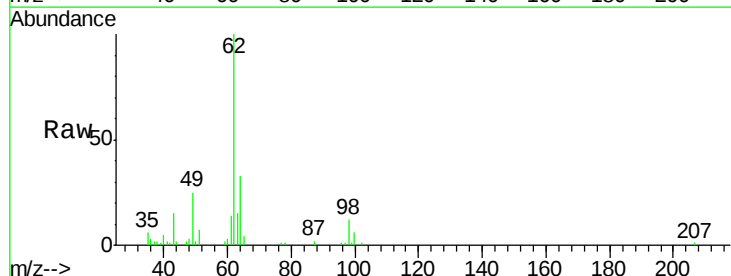
Manual Integrations
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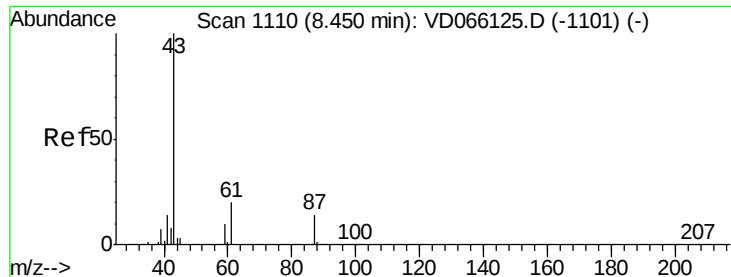
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#42
1,2-Dichloroethane
Concen: 20.591 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 18.156 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

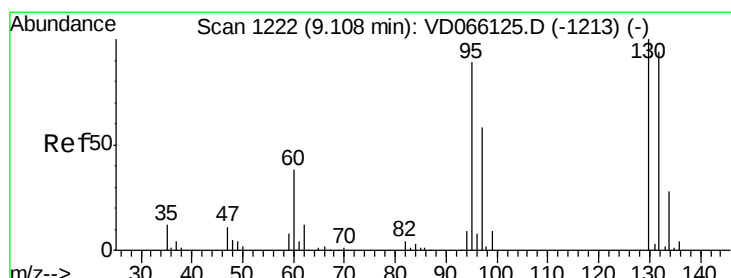
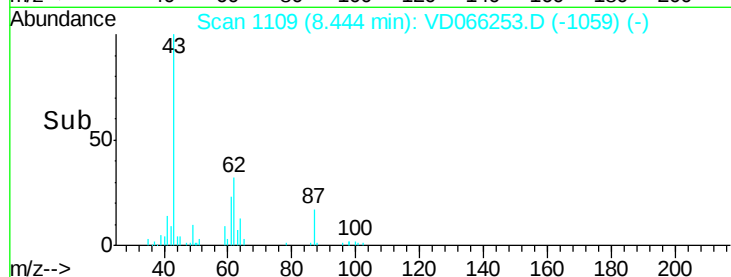
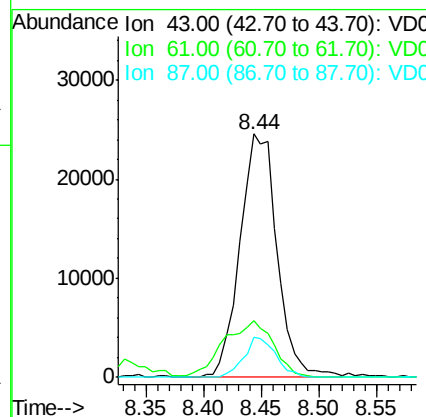
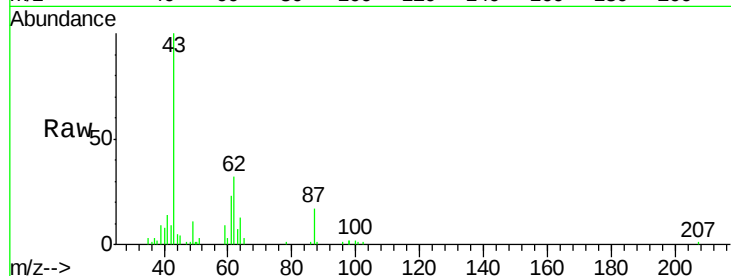
ClientSampleId :

VD0817SBS01

Tot Ion:	43	Resp:	54881
Ion	Ratio	Lower	Upper
43	100		
61	31.0	25.5	38.3
87	14.2	11.2	16.8

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#44

Trichloroethene

Concen: 20.413 ug/l

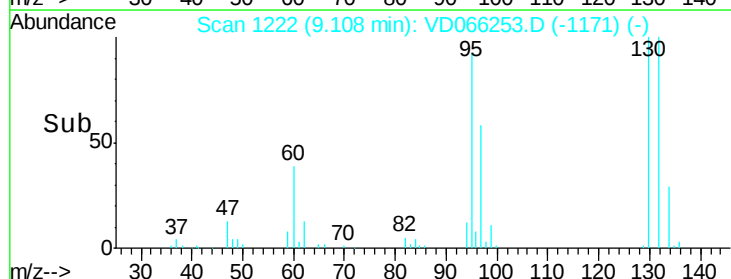
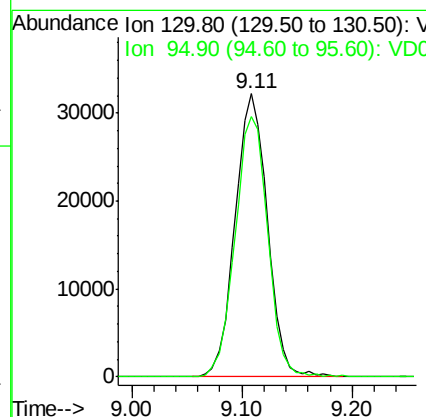
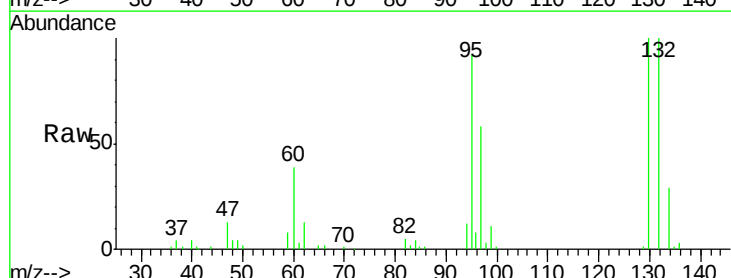
RT: 9.11 min Scan# 1222

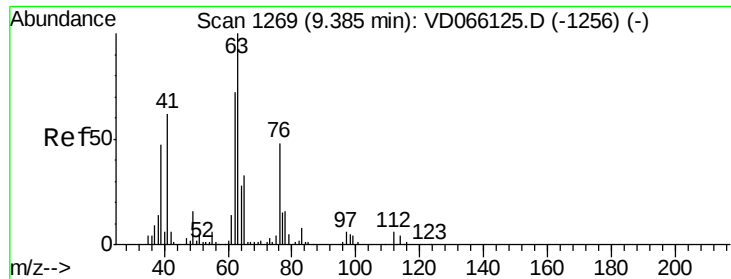
Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	130	Resp:	66071
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	178.4





#45

1,2-Dichloropropane

Concen: 19.717 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 63 Resp: 51798

Ion Ratio Lower Upper

63 100

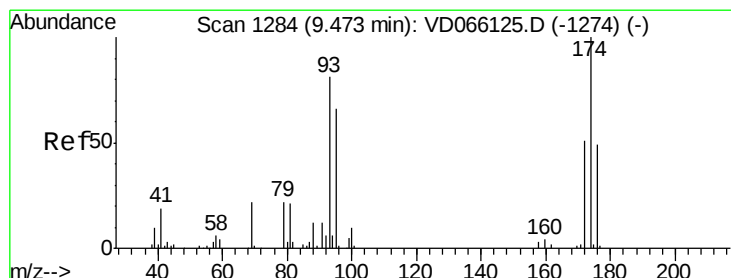
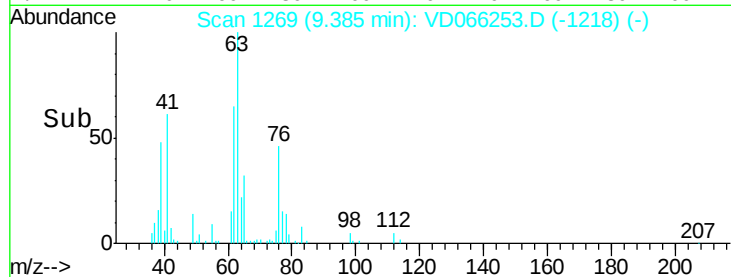
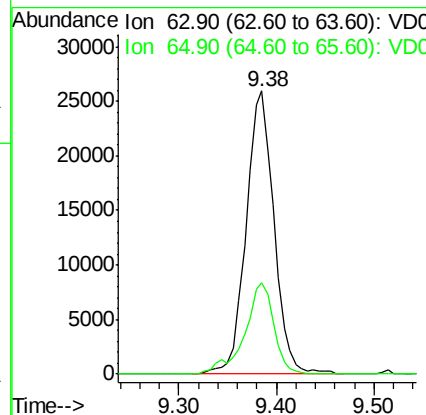
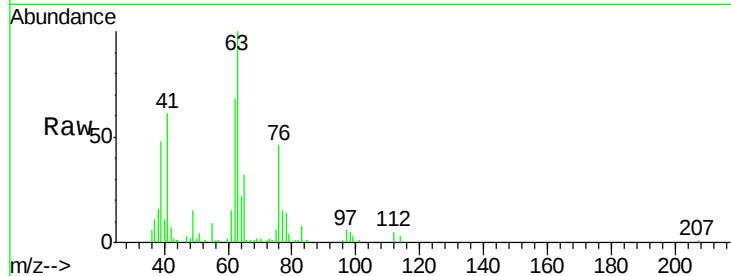
65 32.4 26.5 39.7

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#46

Dibromomethane

Concen: 19.553 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

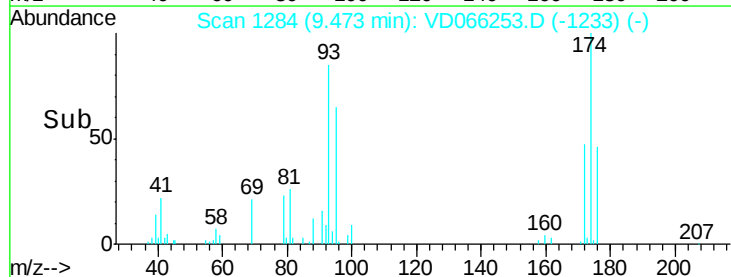
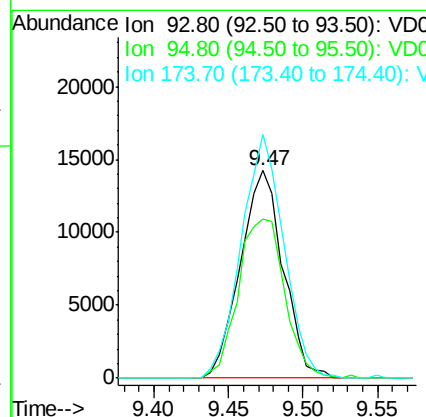
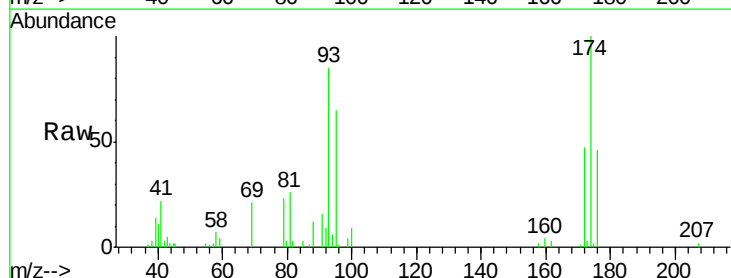
Tgt Ion: 93 Resp: 28294

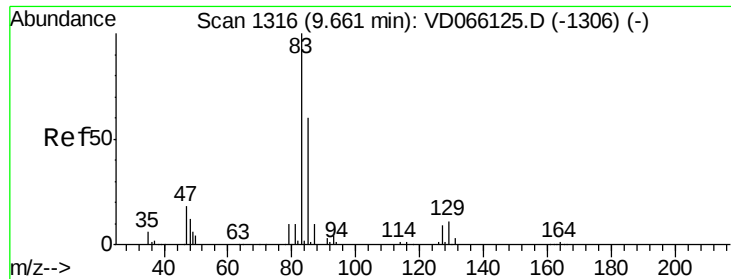
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 116.8 92.8 139.2





#47

Bromodichloromethane

Concen: 19.987 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

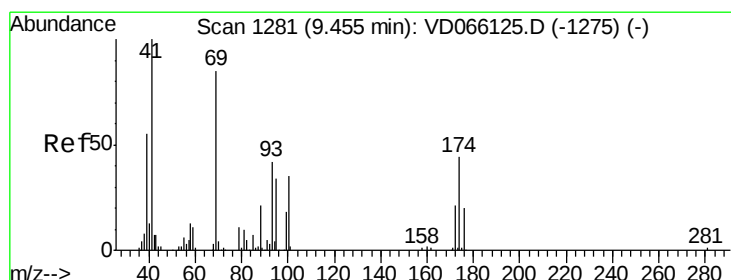
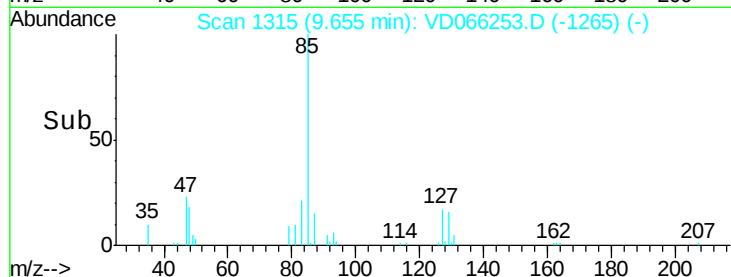
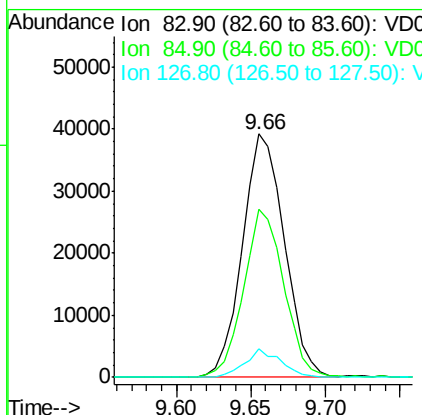
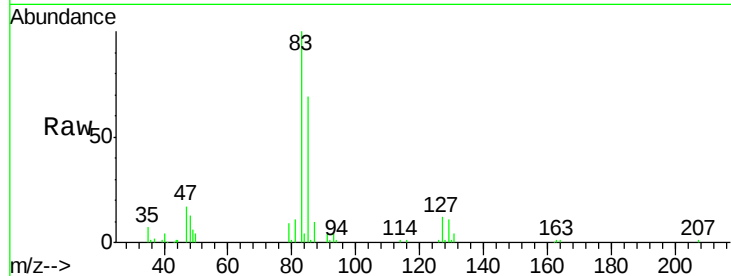
ClientSampleId :

VD0817SBS01

Tot Ion:	83	Resp:	76441
Ion Ratio	Lower	Upper	
83	100		
85	69.3	48.2	72.4
127	11.5	7.3	10.9#

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.033 ug/l

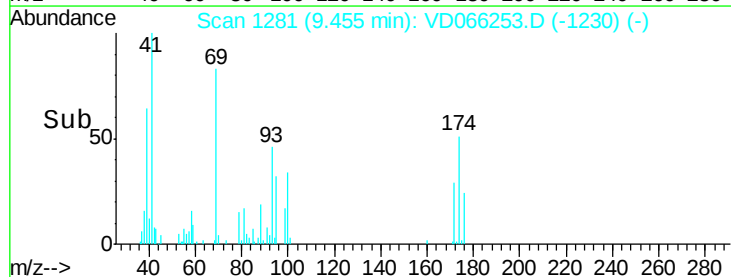
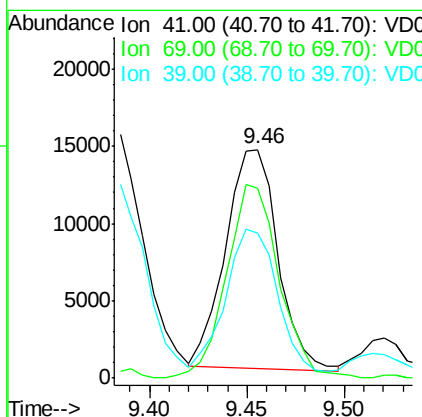
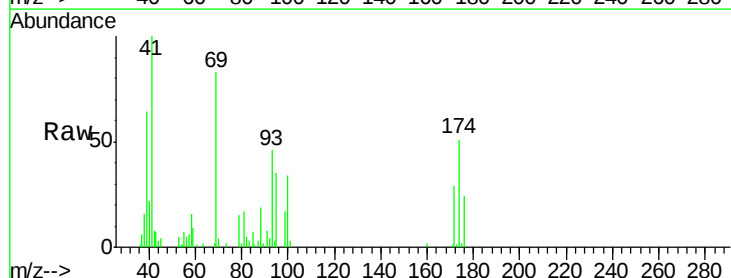
RT: 9.46 min Scan# 1281

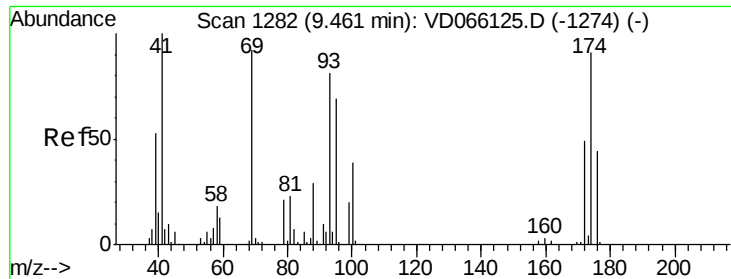
Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	41	Resp:	26289
Ion Ratio	Lower	Upper	
41	100		
69	88.9	63.9	95.9
39	63.9	42.6	64.0





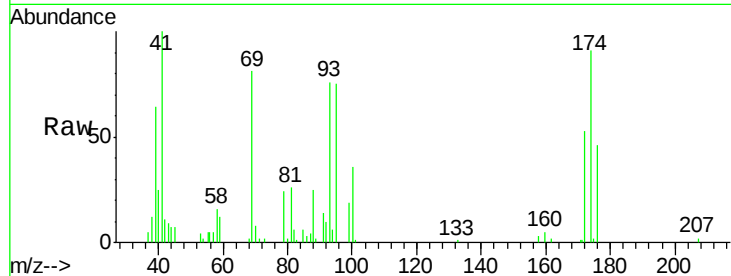
#49
1,4-Dioxane
Concen: 375.133 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	27.5	41.3
58	65.9	50.2	75.4

Manual Integrations
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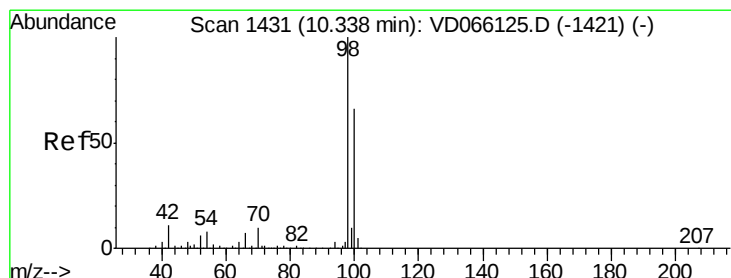
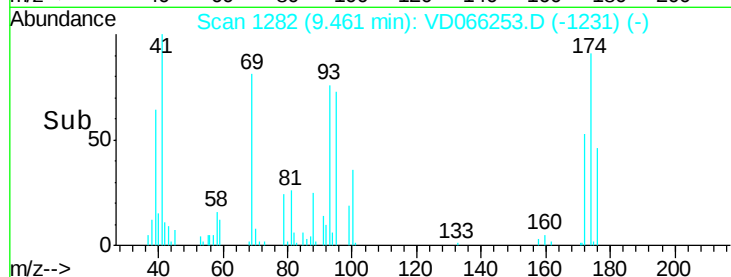
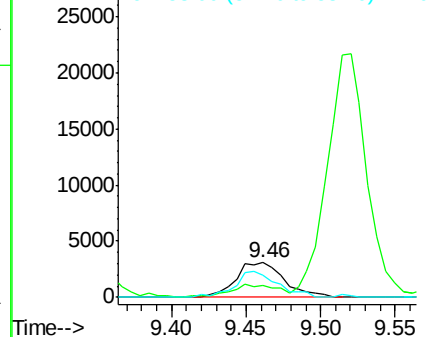


Abundance

Ion 88.00 (87.70 to 88.70): VDC

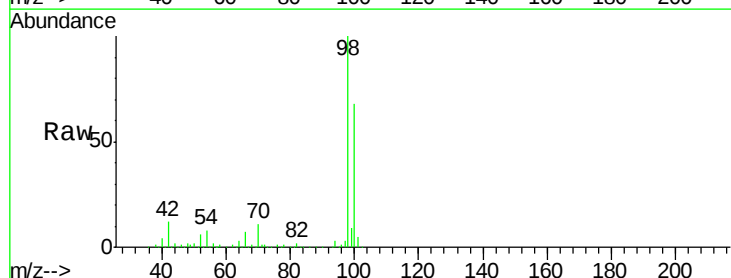
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 52.508 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

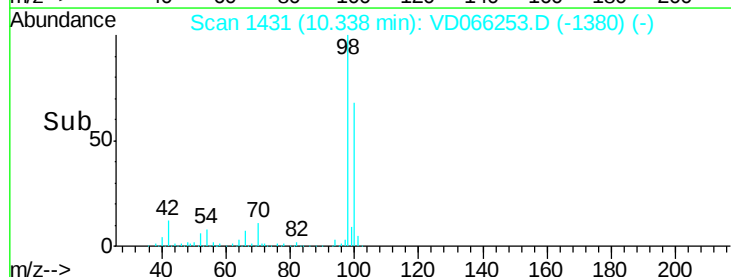
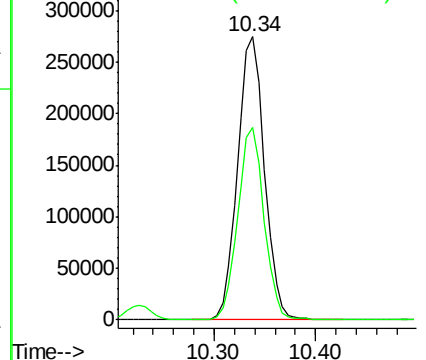
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8

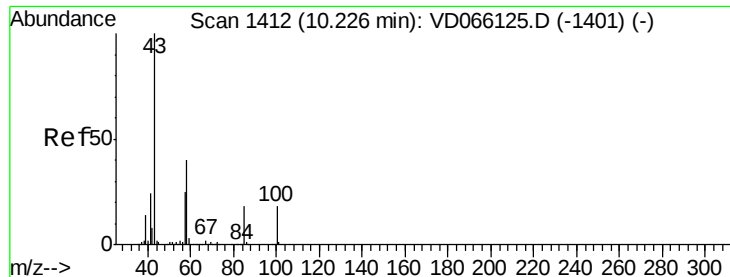


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





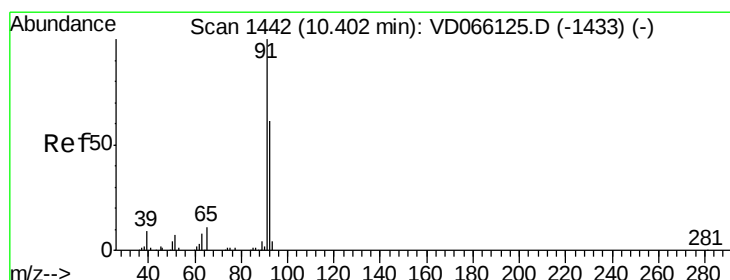
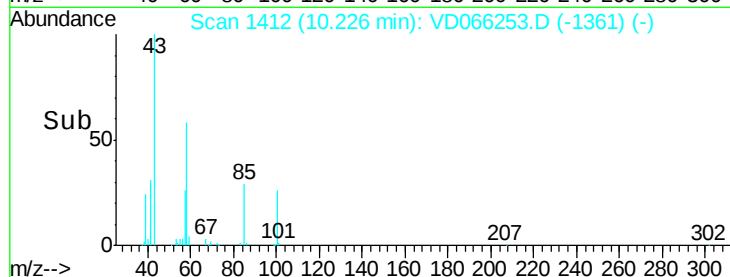
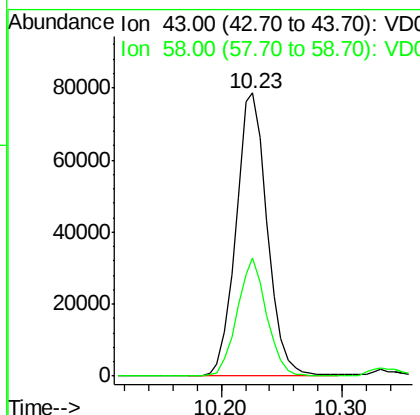
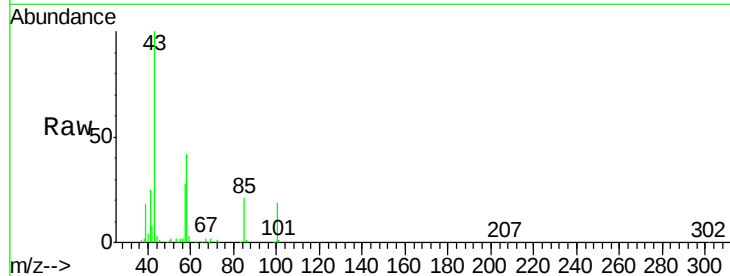
#51
4-Methyl-2-Pentanone
Concen: 91.204 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	43	Resp	141608
Ion Ratio	100	Lower	Upper
58	39.3	31.1	46.7

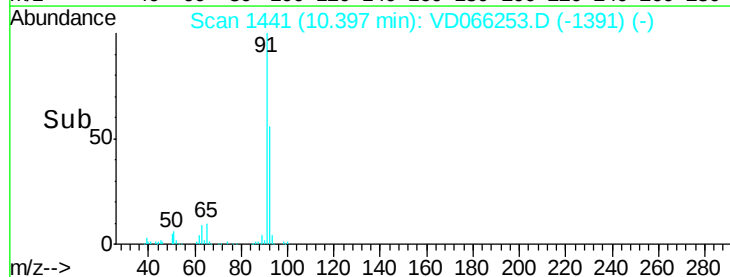
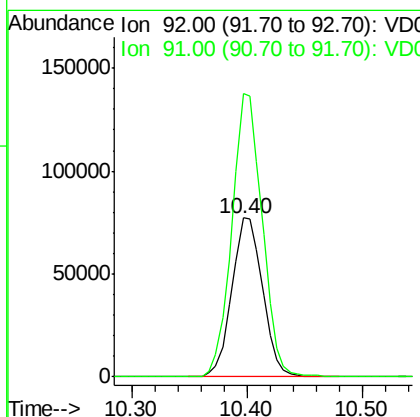
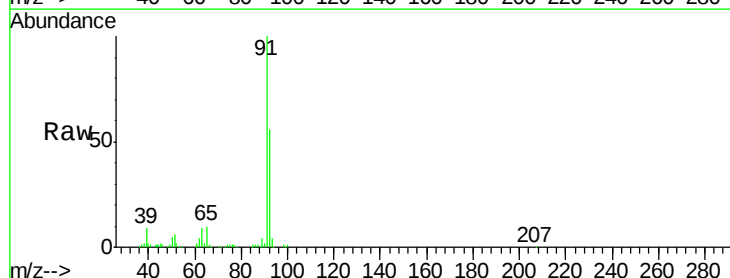
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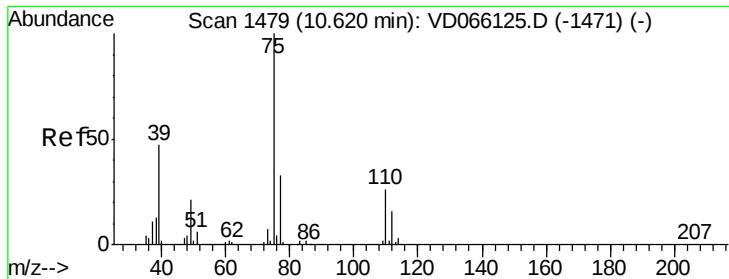
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#52
Toluene
Concen: 20.172 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	92	Resp	142574
Ion Ratio	100	Lower	Upper
91	175.6	135.2	202.8





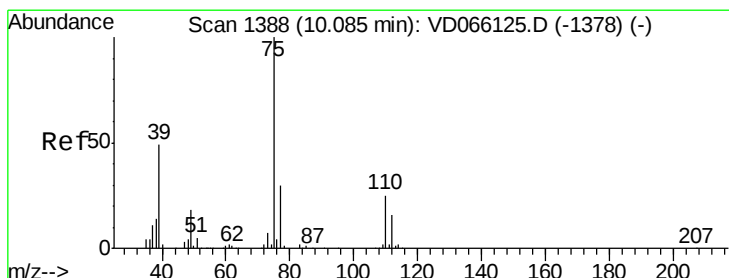
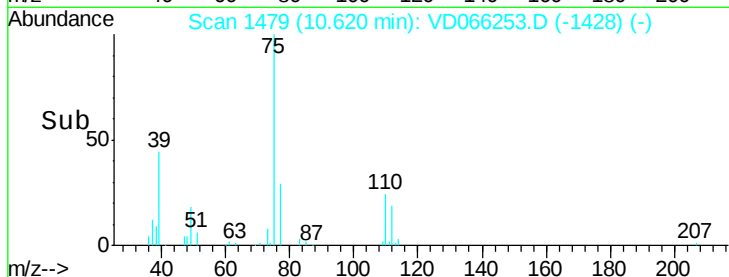
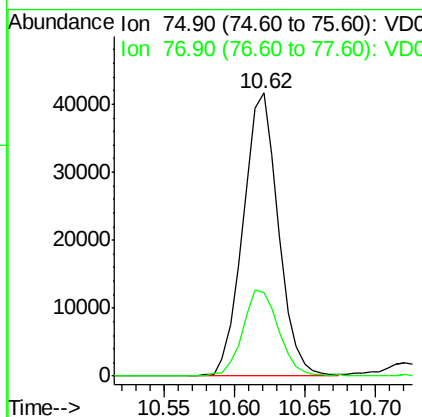
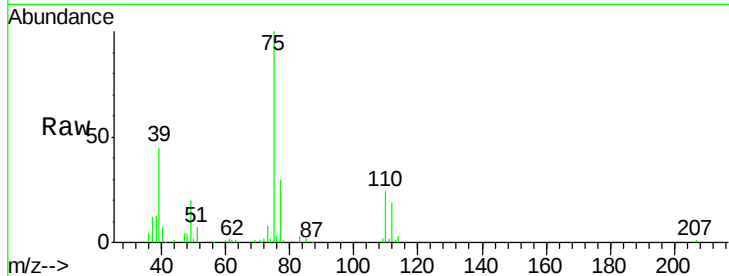
#53
 t-1,3-Dichloropropene
 Concen: 20.140 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tot Ion: 75 Resp: 73097
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.2 39.2

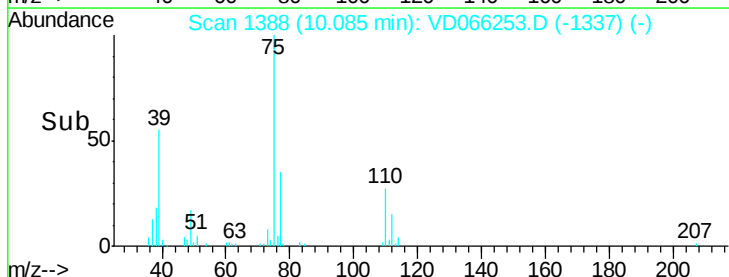
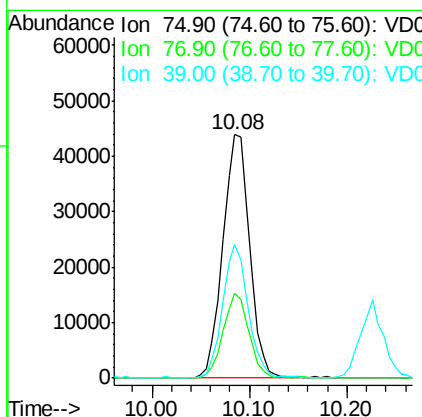
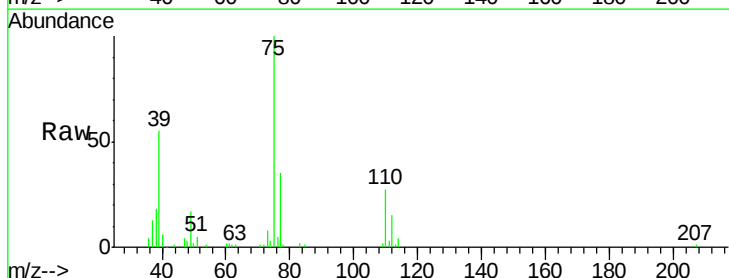
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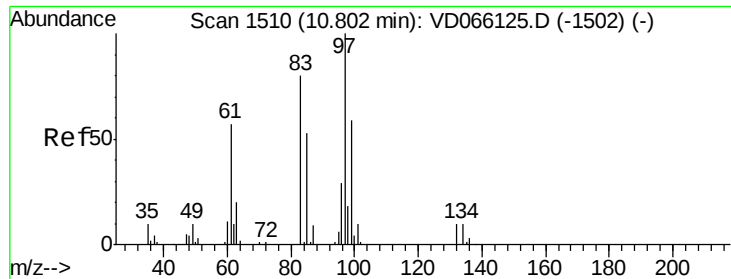
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 19.699 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 75 Resp: 83768
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.3 36.5
 39 54.8 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 19.804 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

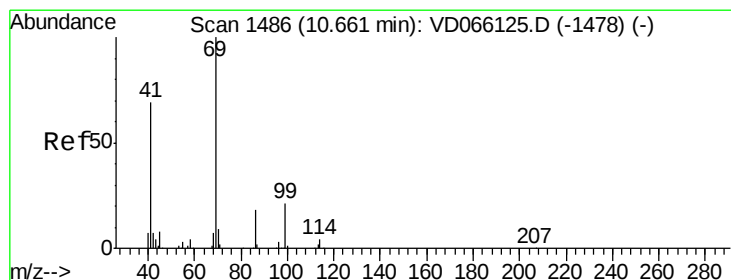
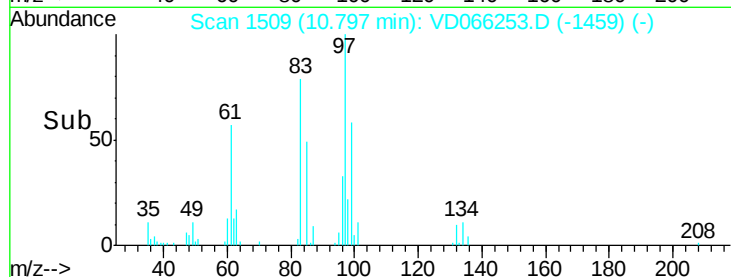
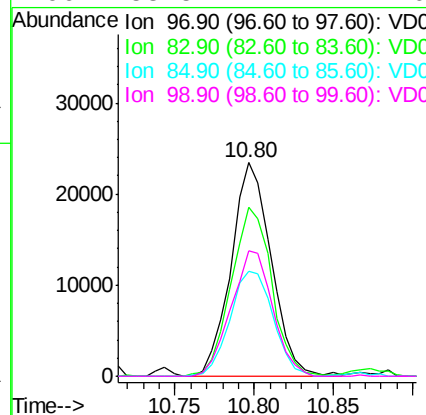
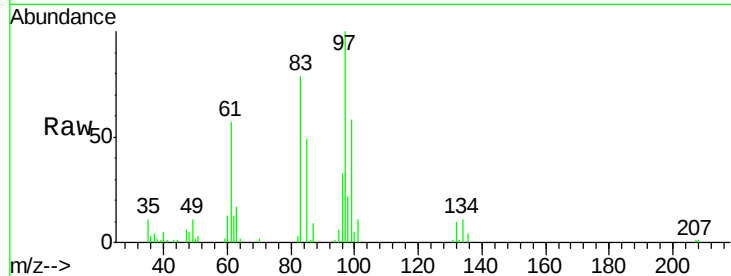
ClientSampleId :

VD0817SBS01

Tot Ion:	97	Resp:	41265
Ion	Ratio	Lower	Upper
97	100		
83	78.2	63.9	95.9
85	48.5	42.5	63.7
99	58.5	47.4	71.0

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#56

Ethyl methacrylate

Concen: 18.923 ug/l

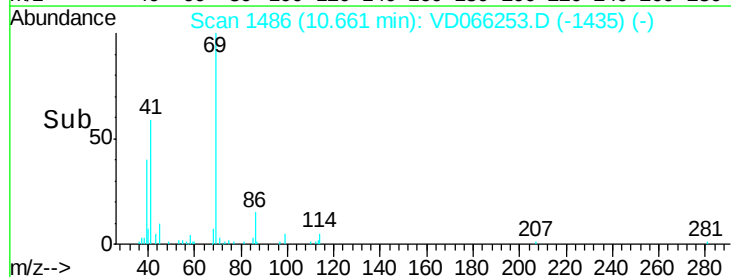
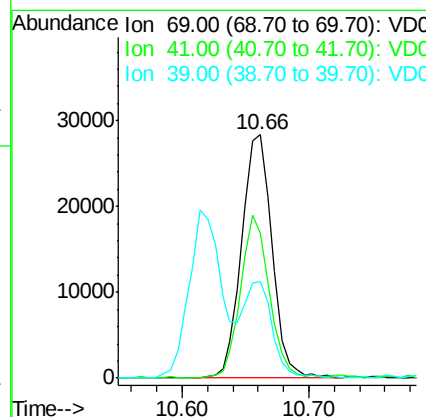
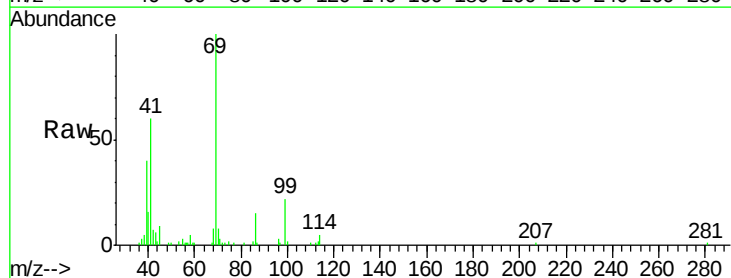
RT: 10.66 min Scan# 1486

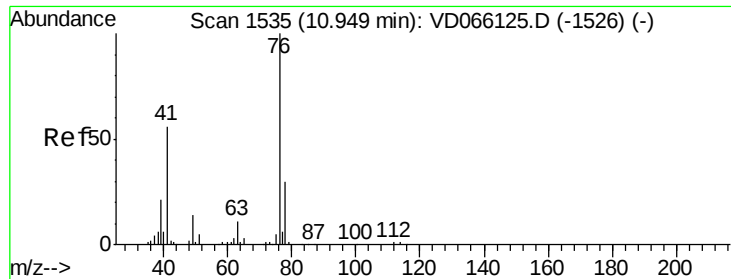
Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	69	Resp:	47365
Ion	Ratio	Lower	Upper
69	100		
41	63.3	54.1	81.1
39	36.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.896 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 76 Resp: 65364

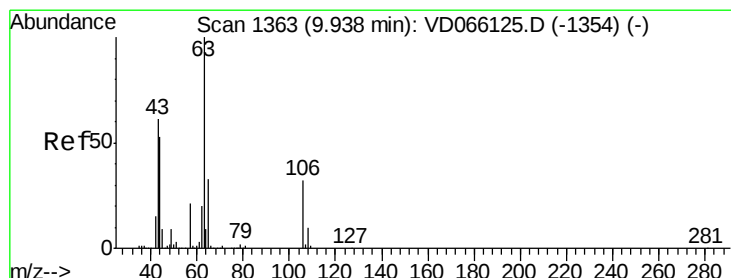
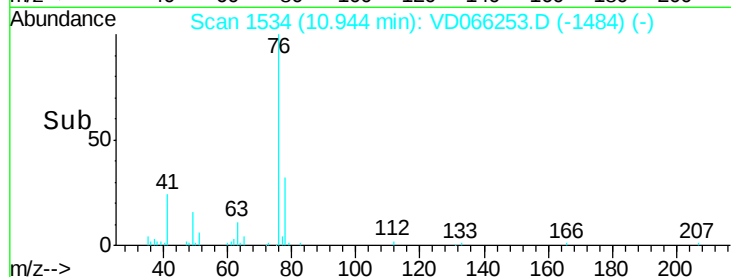
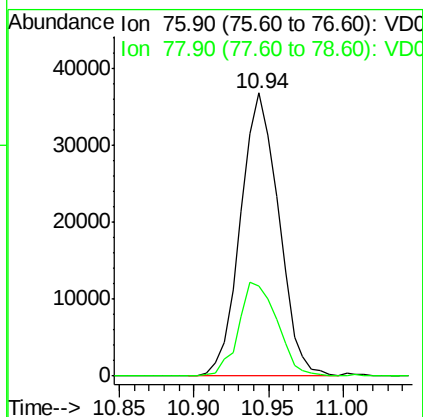
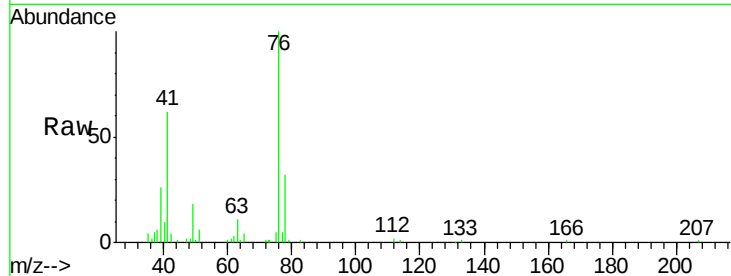
Ion Ratio Lower Upper

76 100

78 33.4 25.5 38.3

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 98.124 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066253.D

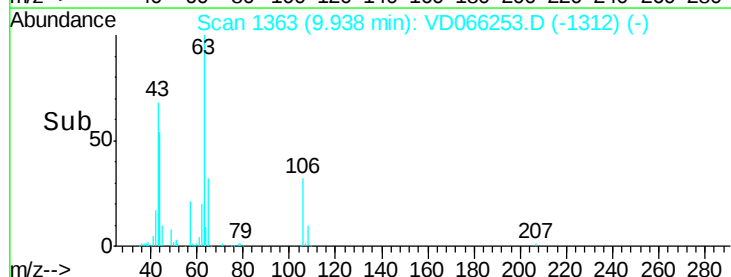
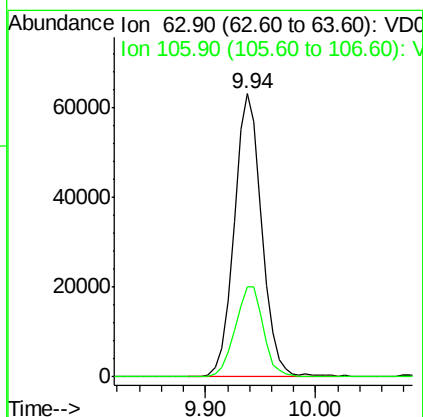
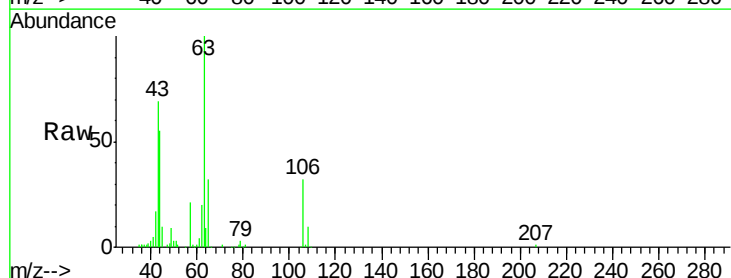
Acq: 17 Aug 2020 13:05

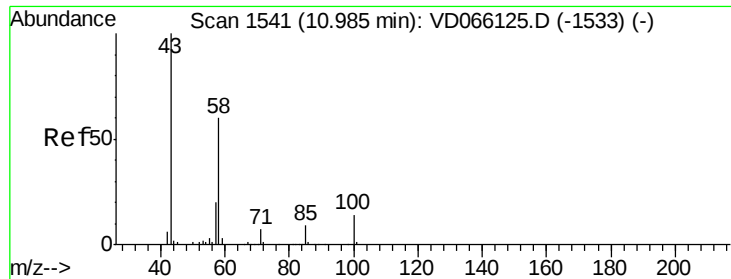
Tgt Ion: 63 Resp: 110480

Ion Ratio Lower Upper

63 100

106 32.7 25.3 37.9





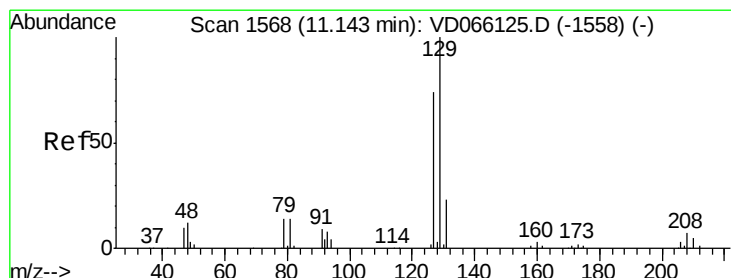
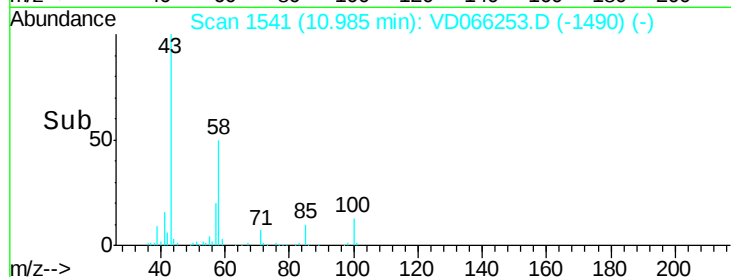
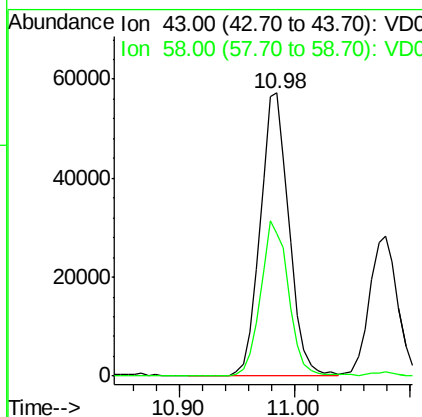
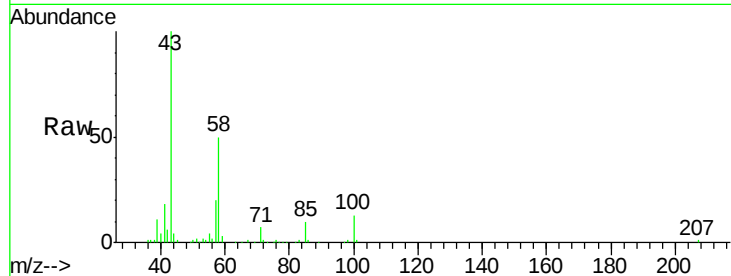
#59
2-Hexanone
Concen: 91.223 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	43	Resp	99403
Ion Ratio	43	100	
Lower	58	53.2	27.8
Upper			83.4

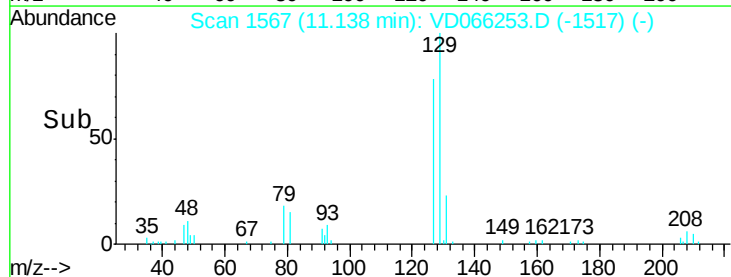
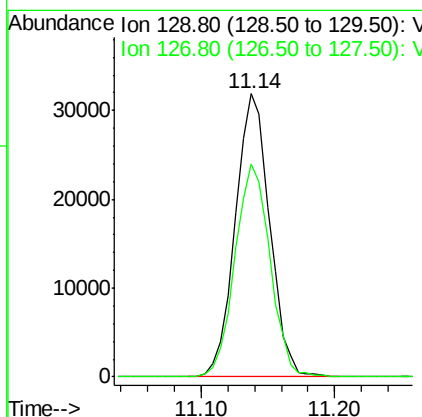
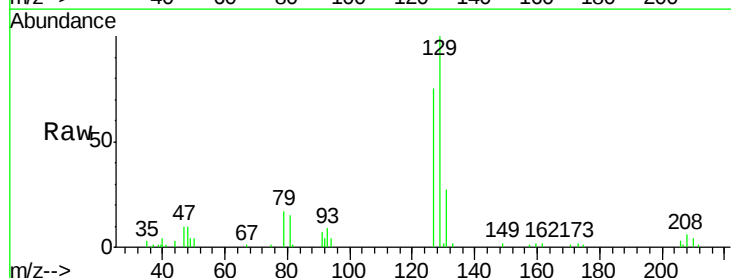
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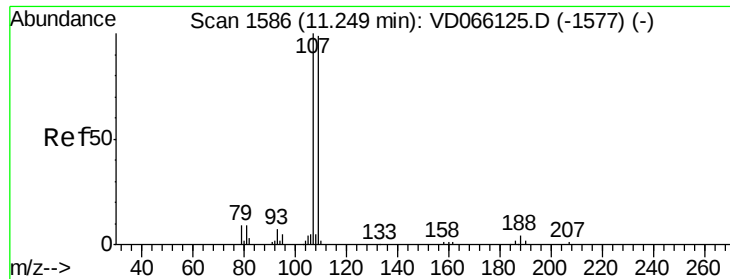
MMDadoda
8/18/2020 11:08:49 AM



#60
Dibromochloromethane
Concen: 19.750 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	129	Resp	56815
Ion Ratio	129	100	
Lower	127	76.7	38.0
Upper			114.1





#61

1,2-Dibromoethane

Concen: 19.874 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 107 Resp: 39824

Ion Ratio Lower Upper

107 100

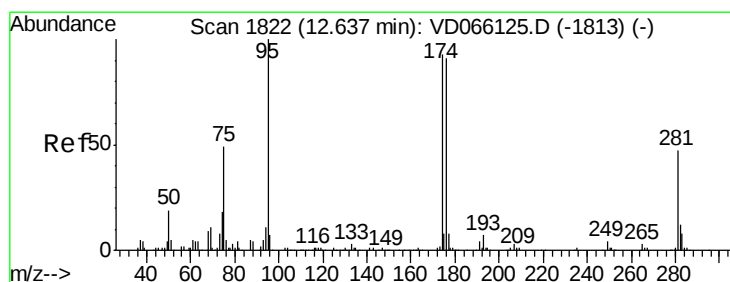
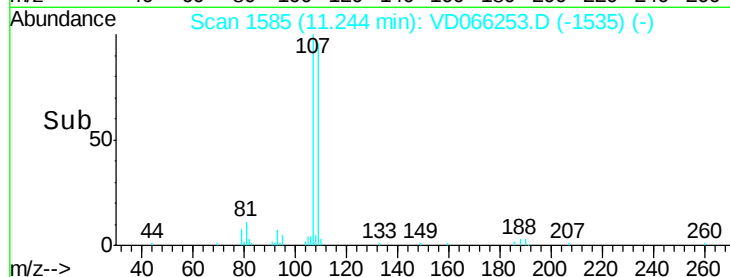
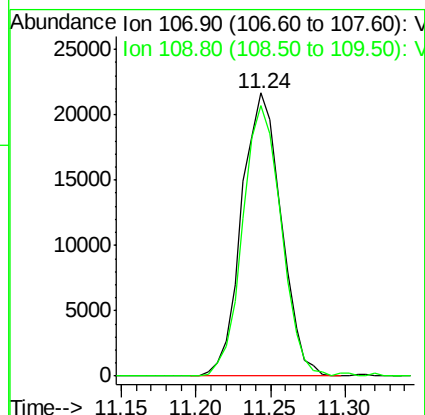
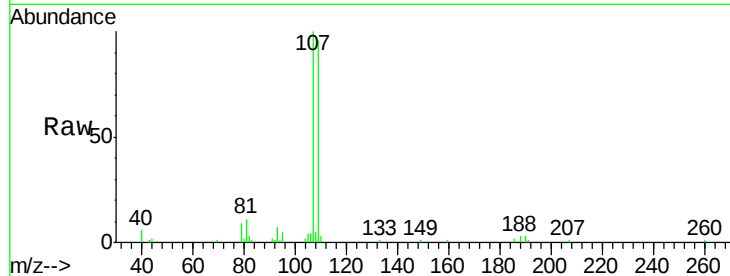
109 93.0 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 51.673 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

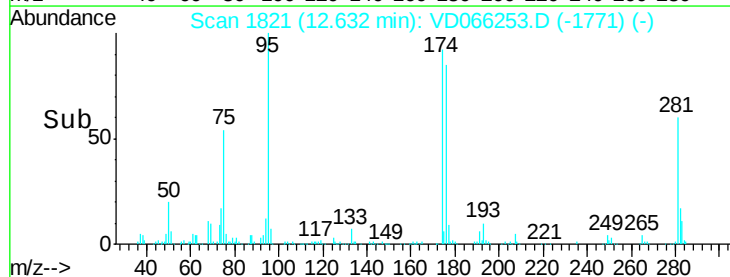
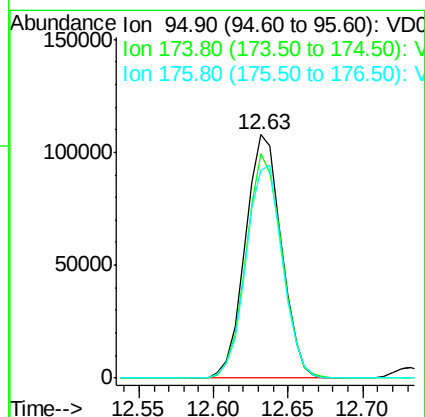
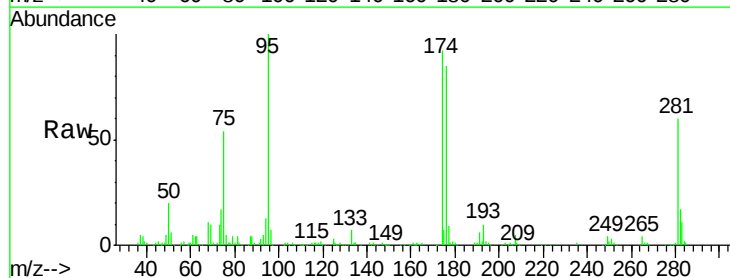
Tgt Ion: 95 Resp: 179417

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.8

176 88.5 0.0 181.2





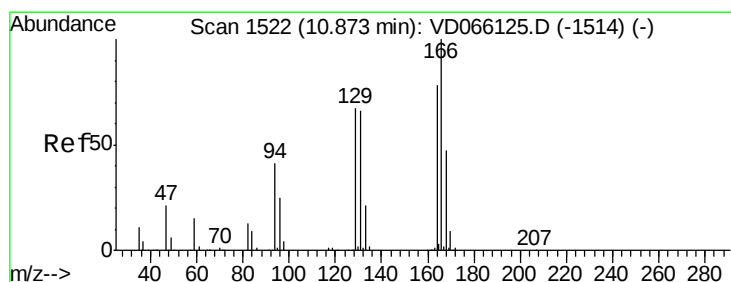
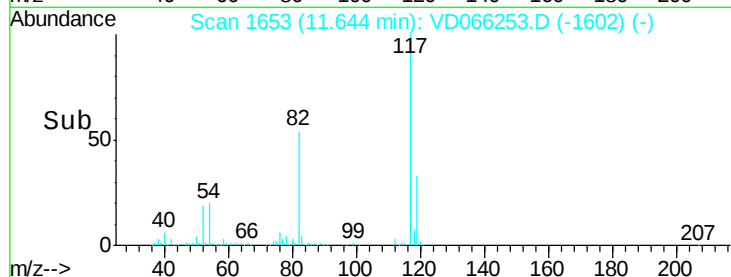
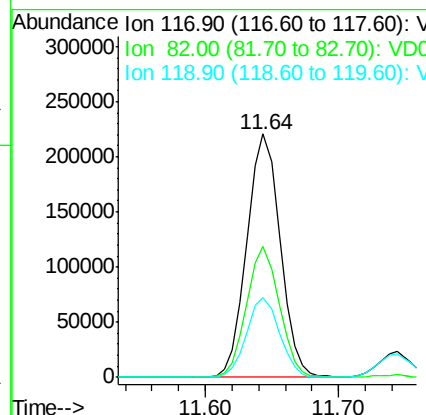
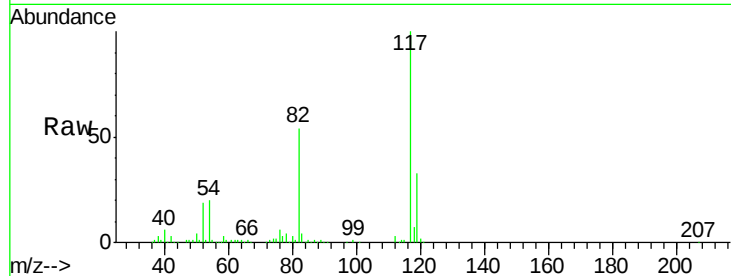
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380986		
82	53.7		43.0	64.4
119	32.8		26.1	39.1

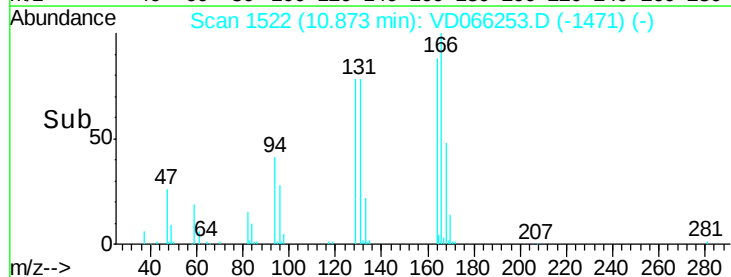
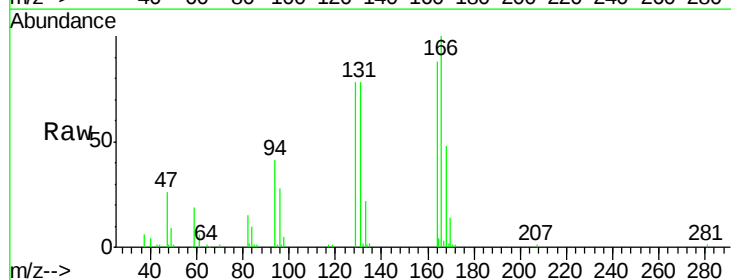
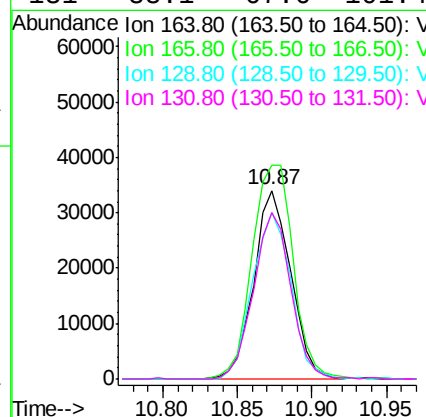
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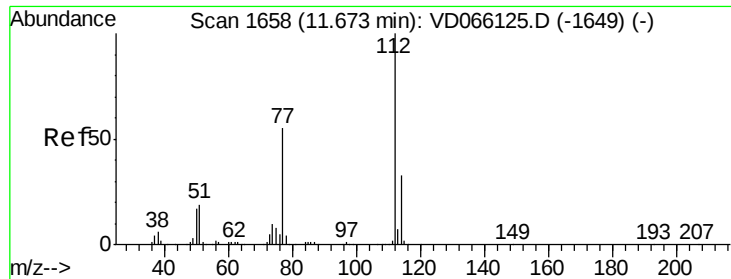
MMDadoda
8/18/2020 11:08:49 AM



#64
Tetrachloroethene
Concen: 19.930 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58307		
166	113.4		101.9	152.9
129	88.6		68.1	102.1
131	88.1		67.6	101.4





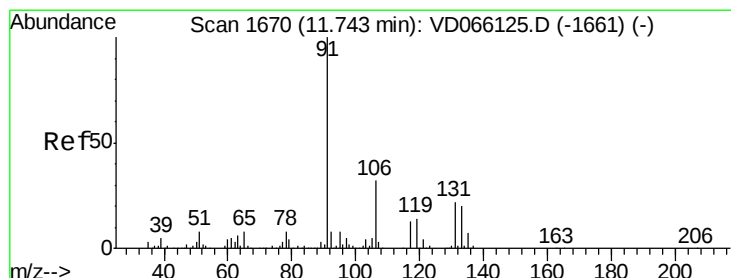
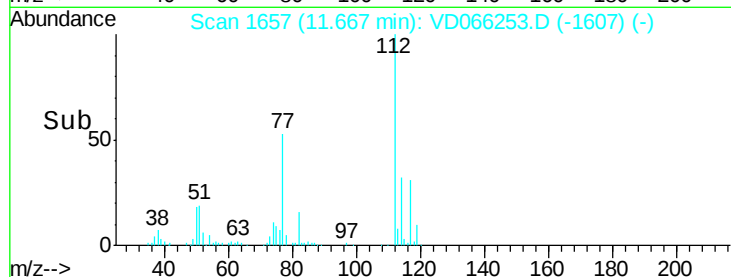
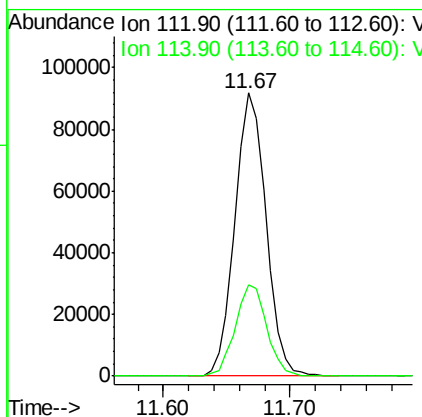
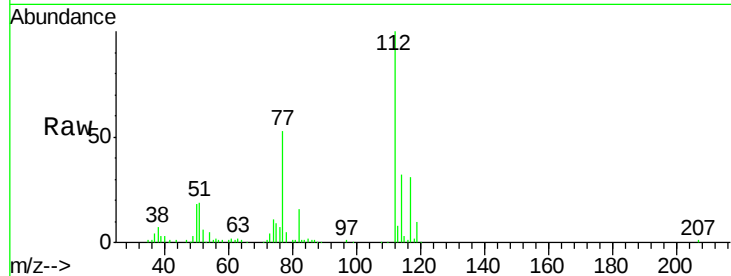
#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	155978		
114	32.4	26.1	39.1	

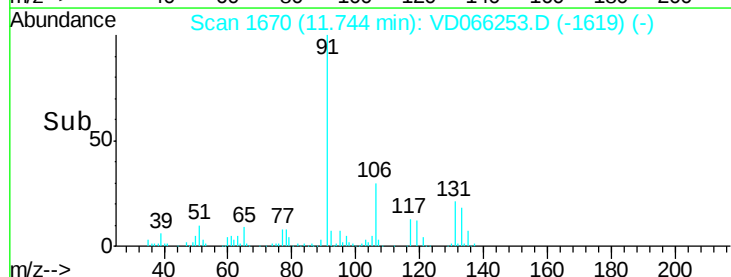
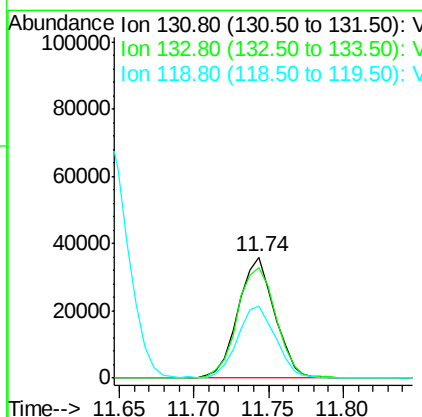
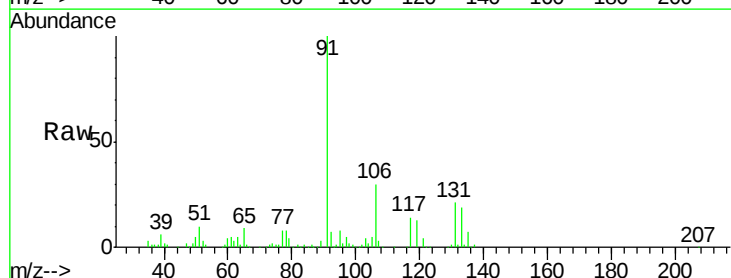
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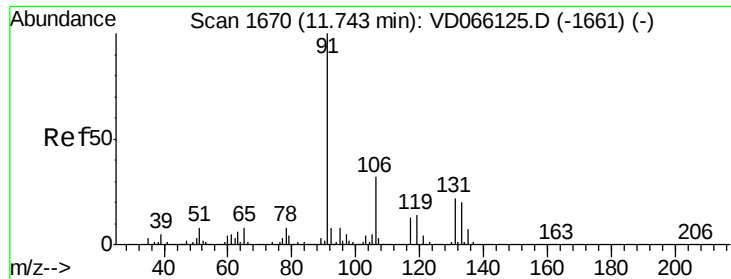
MMDadoda
8/18/2020 11:08:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.236 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	61238		
133	97.6	47.1	141.4	
119	61.6	31.6	94.7	





#67

Ethyl Benzene

Concen: 20.769 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 91 Resp: 278360

Ion Ratio Lower Upper

91 100

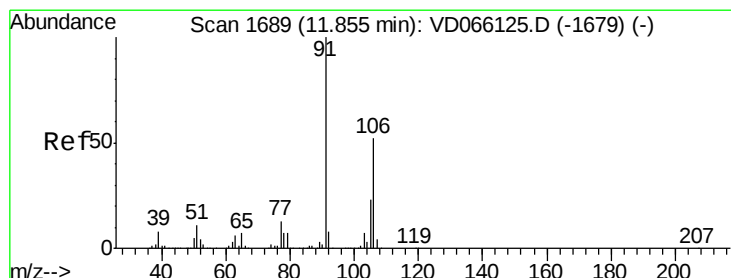
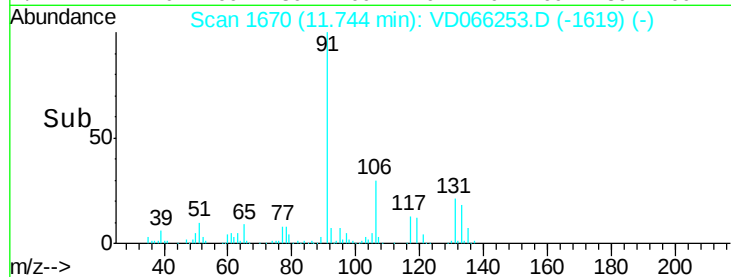
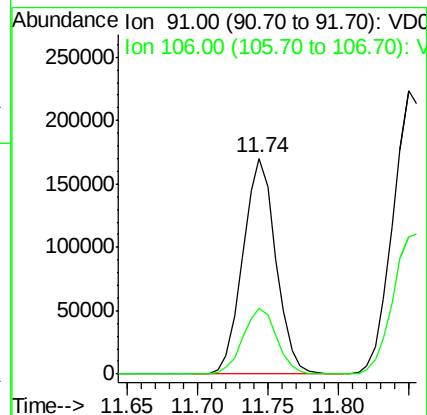
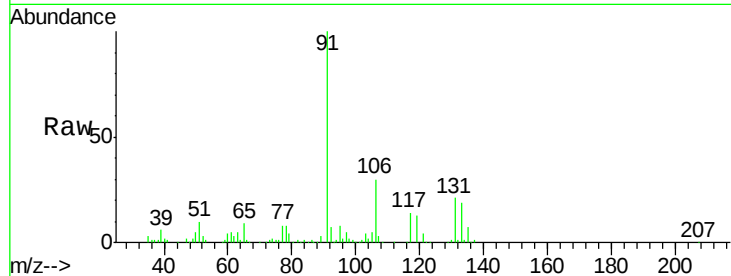
106 30.3 25.7 38.5

Manual Integrations

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8/18/2020 11:08:49 AM



#68

m/p-Xylenes

Concen: 41.004 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066253.D

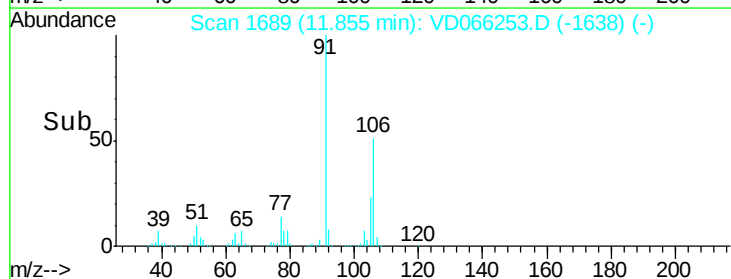
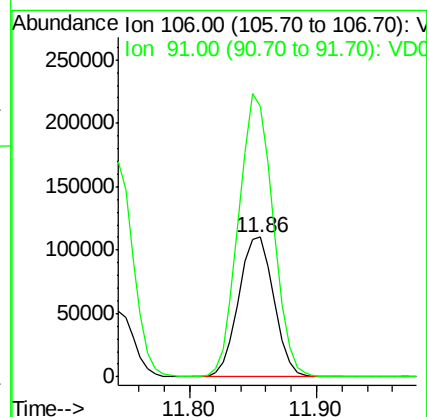
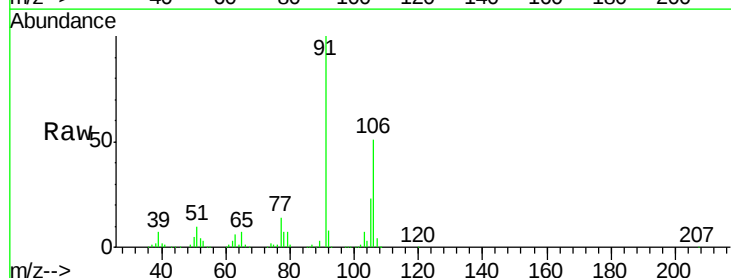
Acq: 17 Aug 2020 13:05

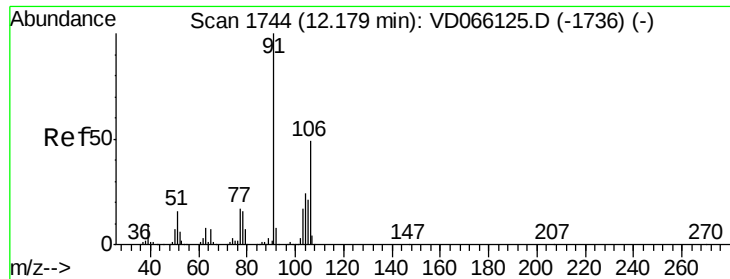
Tgt Ion: 106 Resp: 212924

Ion Ratio Lower Upper

106 100

91 198.7 156.6 235.0





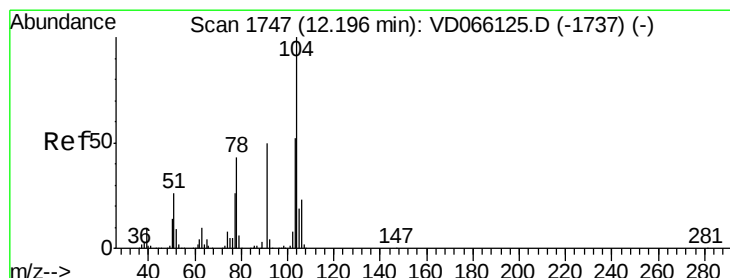
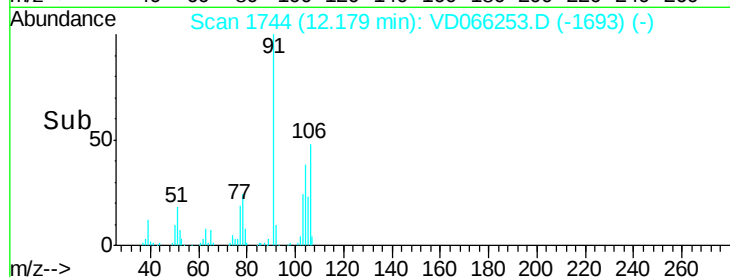
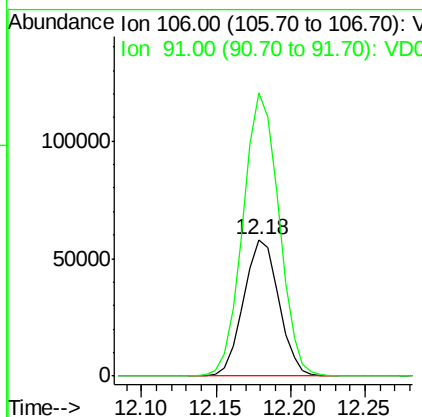
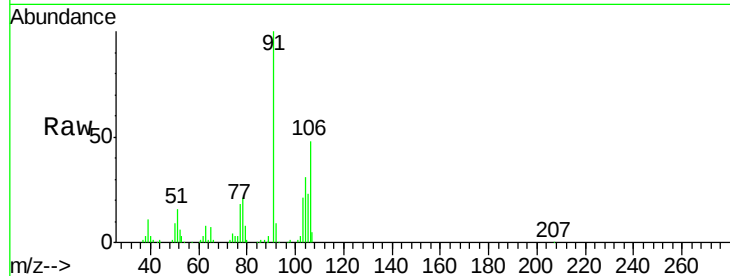
#69
o-Xylene
Concen: 20.114 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion:106 Resp: 95010
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1

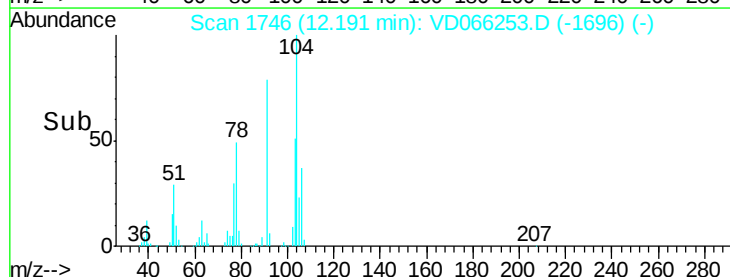
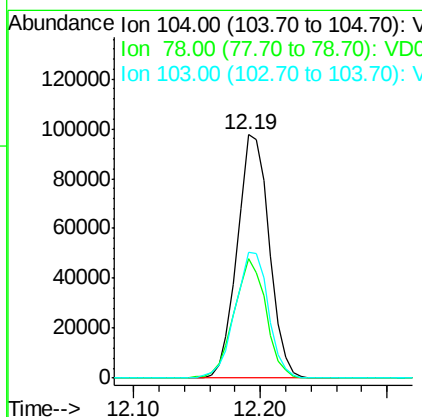
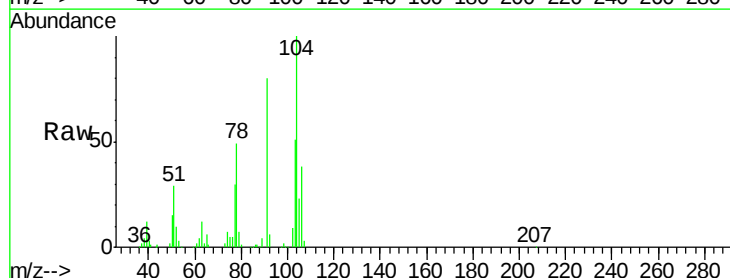
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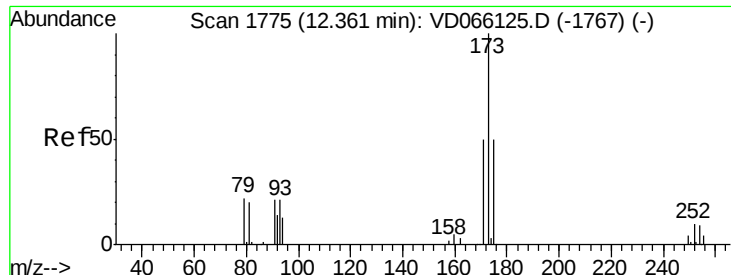
MMDadoda
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#70
Styrene
Concen: 20.667 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion:104 Resp: 171092
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 53.7 44.1 66.1





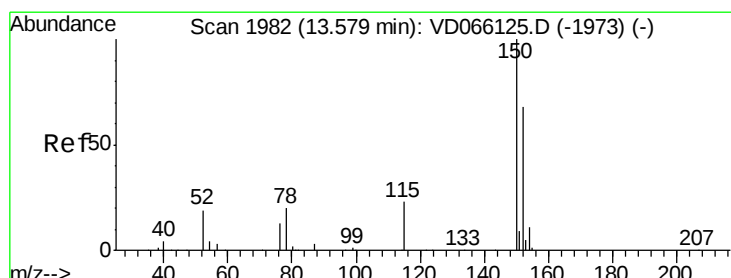
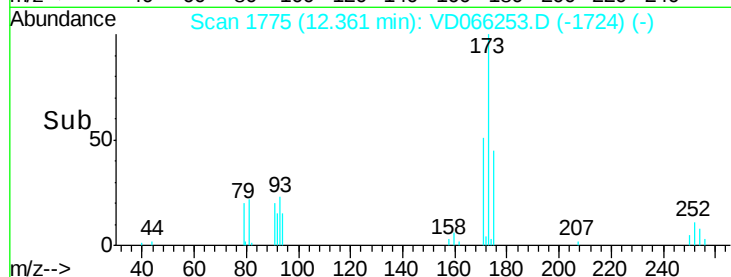
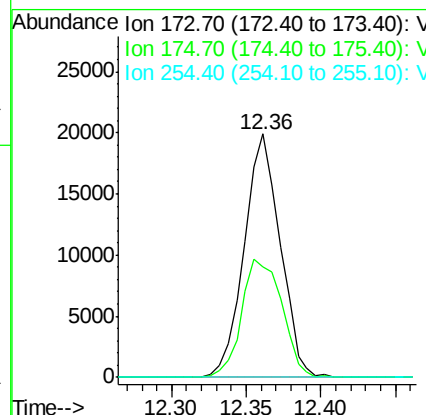
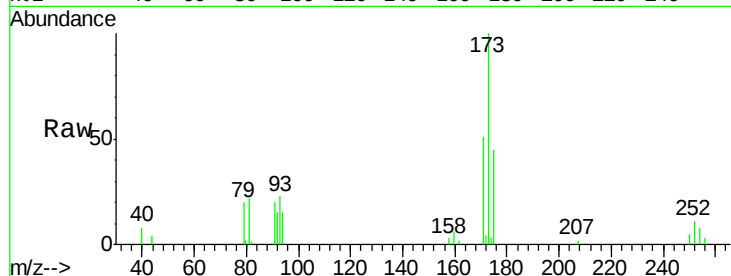
#71
Bromoform
Concen: 18.540 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	54.2	24.6	73.6
254	0.0	0.2	0.2

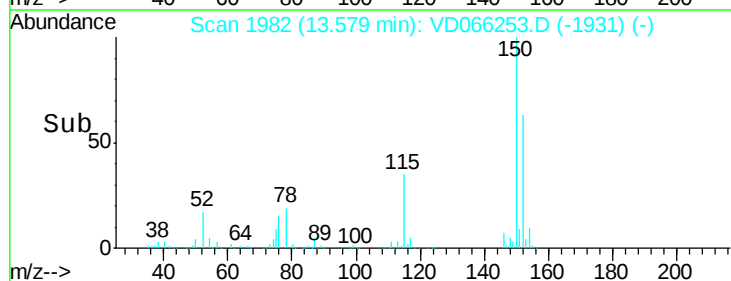
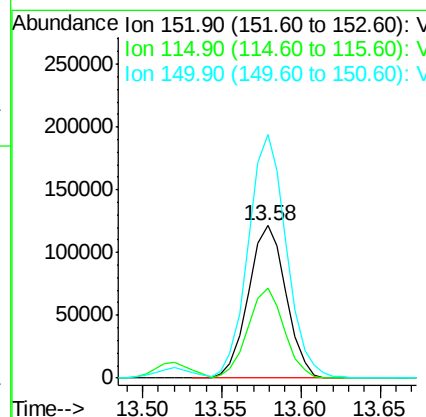
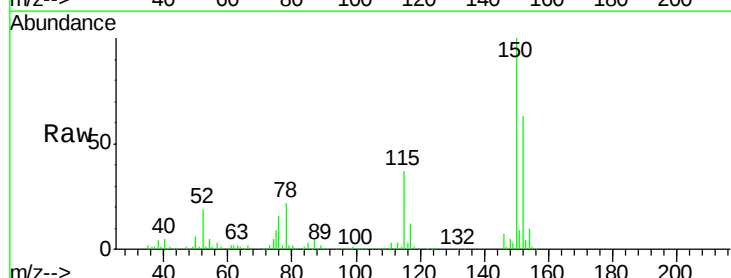
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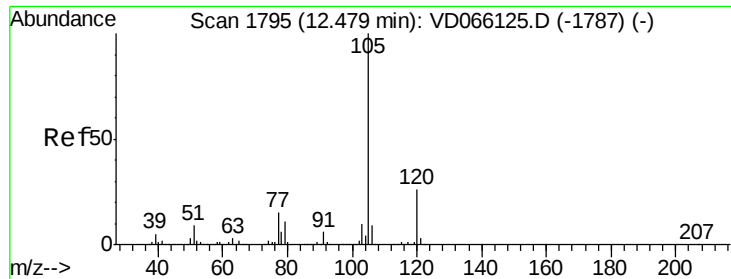
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8/18/2020 11:08:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.0	83.9
150	161.8	0.0	346.4





#73

Isopropylbenzene

Concen: 20.226 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion: 105 Resp: 270569

Ion Ratio Lower Upper

105 100

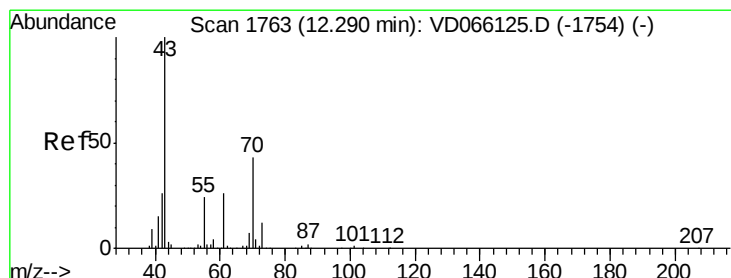
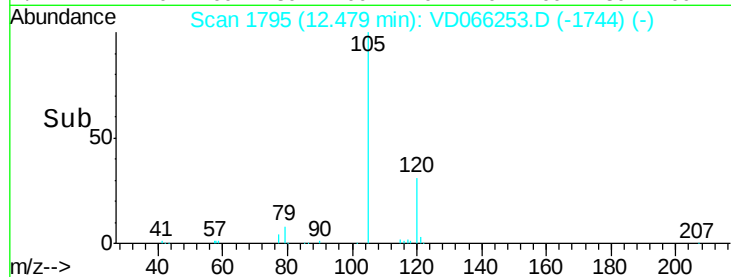
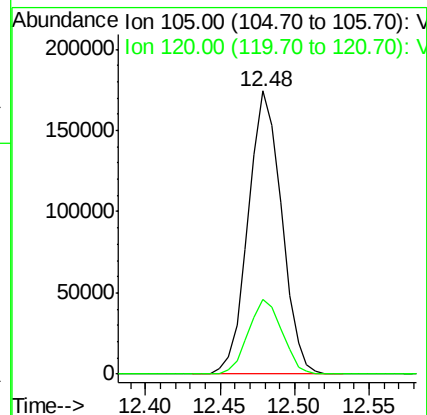
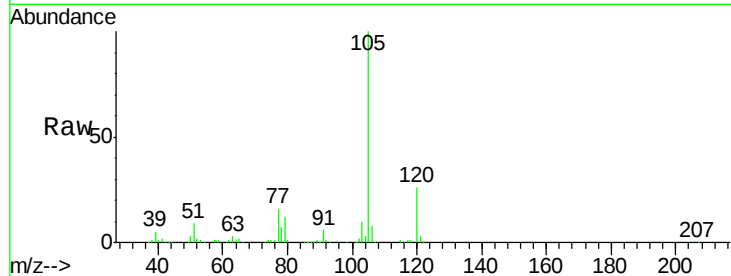
120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 17.500 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion: 43 Resp: 51549

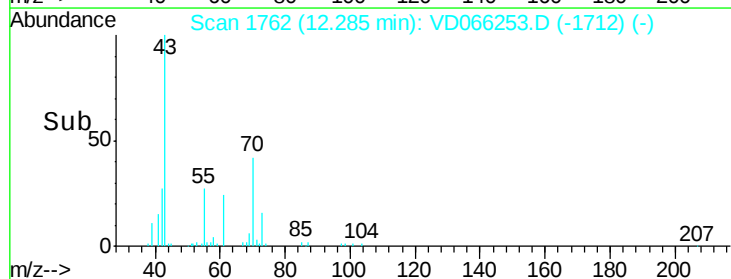
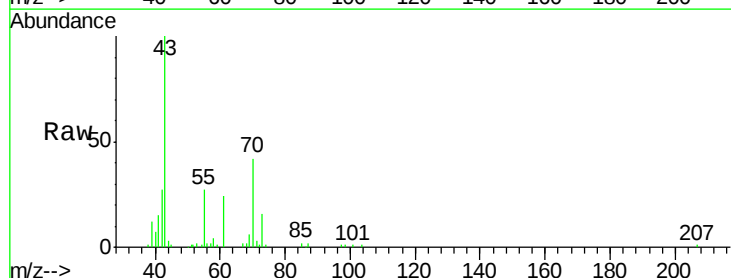
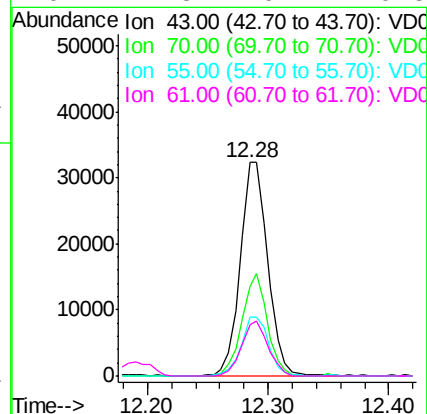
Ion Ratio Lower Upper

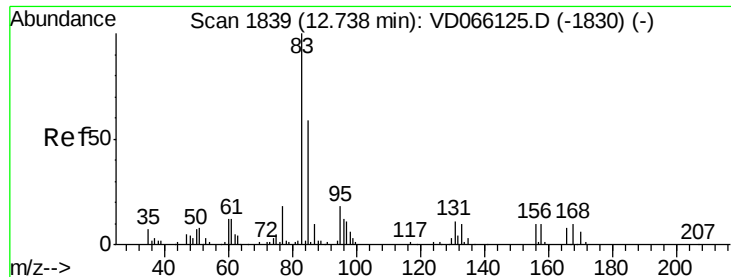
43 100

70 43.9 34.9 52.3

55 27.9 19.2 28.8

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.143 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

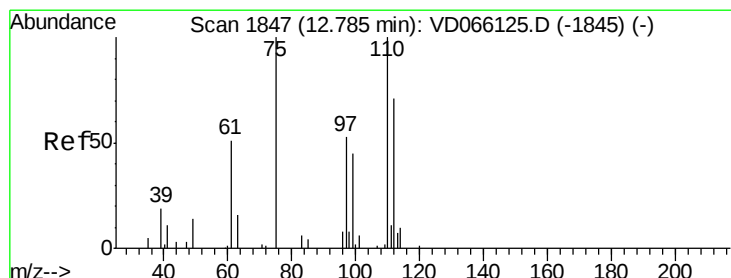
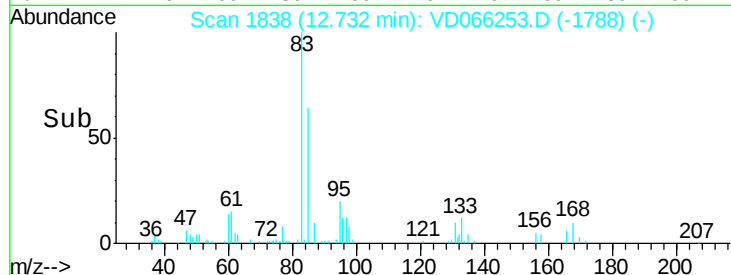
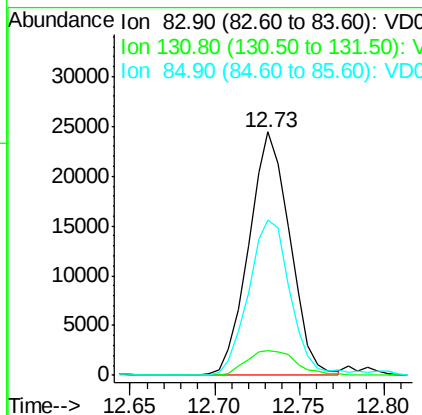
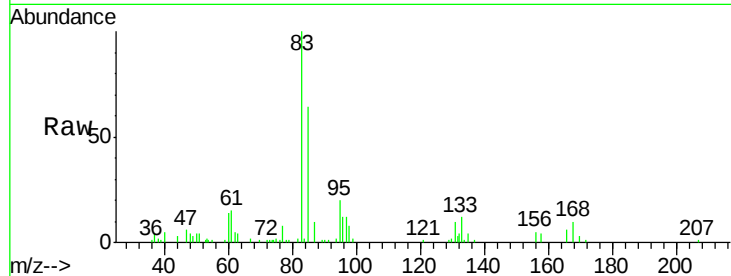
ClientSampleId :

VD0817SBS01

Tot Ion:	83	Resp:	41385
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.2	18.6
85	65.0	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 20.215 ug/l m

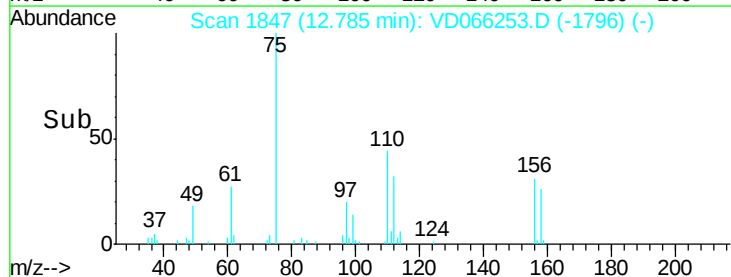
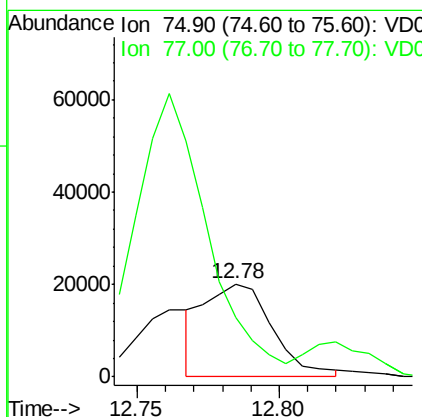
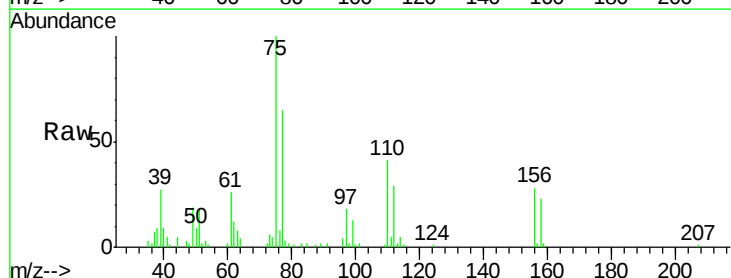
RT: 12.78 min Scan# 1847

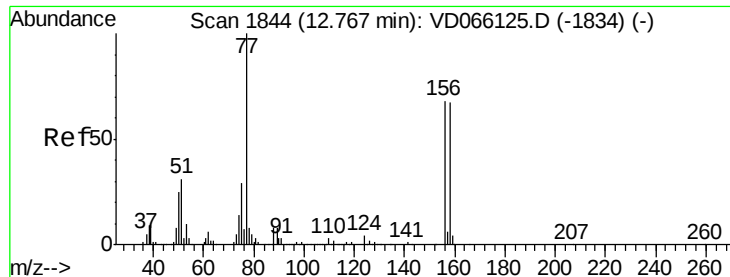
Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	75	Resp:	33782
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.707 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

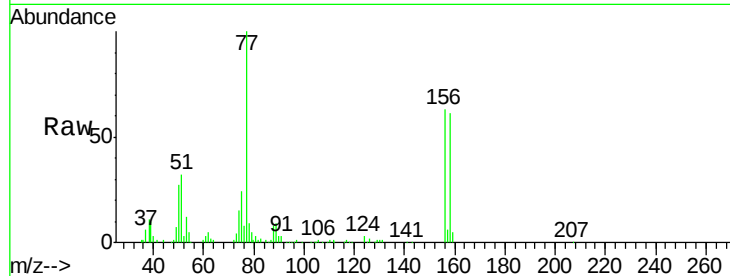
ClientSampleId :

VD0817SBSD01

Tot Ion:	156	Resp:	67861
Ion	Ratio	Lower	Upper
156	100		
77	162.0	81.0	243.1
158	97.4	48.8	146.3

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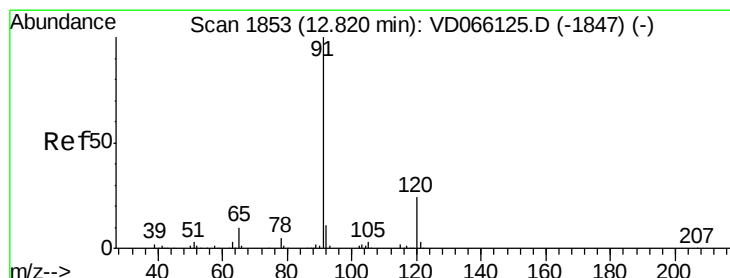
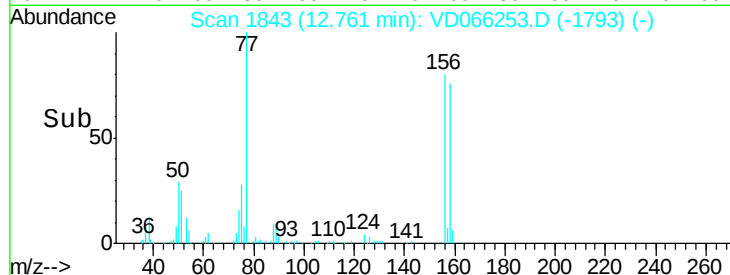
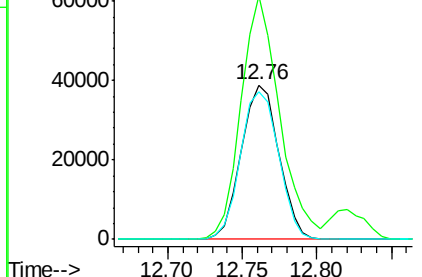
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.187 ug/l

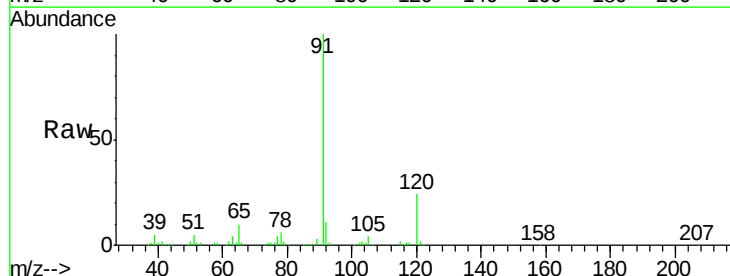
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066253.D

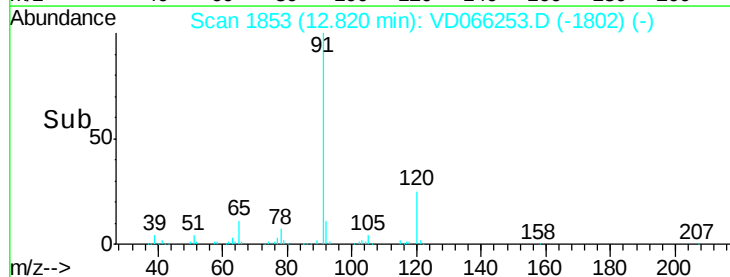
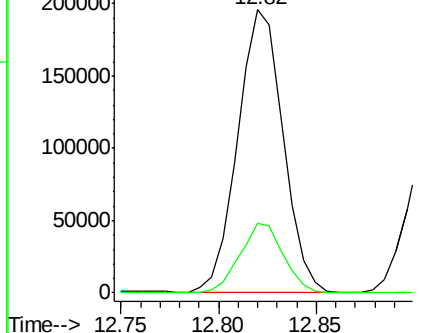
Acq: 17 Aug 2020 13:05

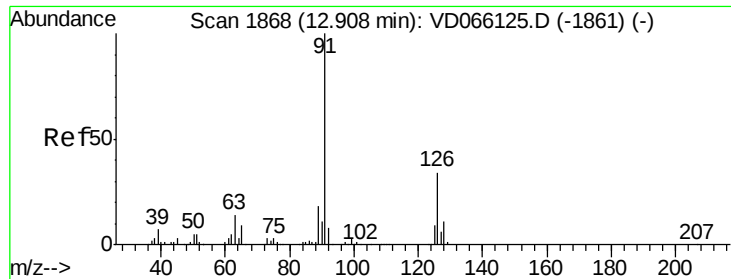
Tgt Ion:	91	Resp:	313902
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





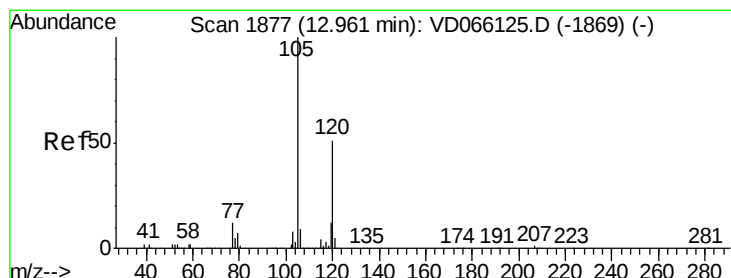
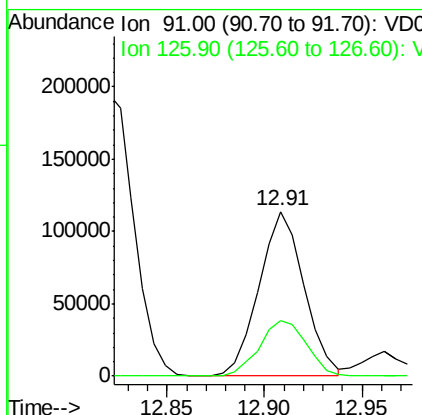
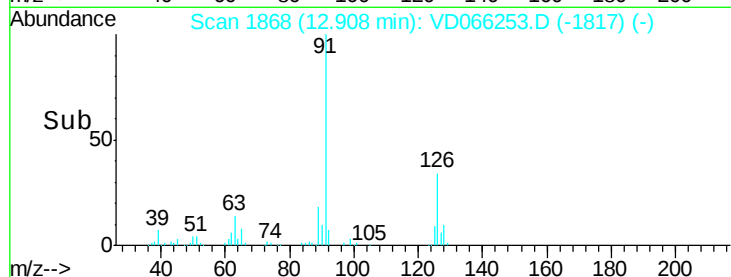
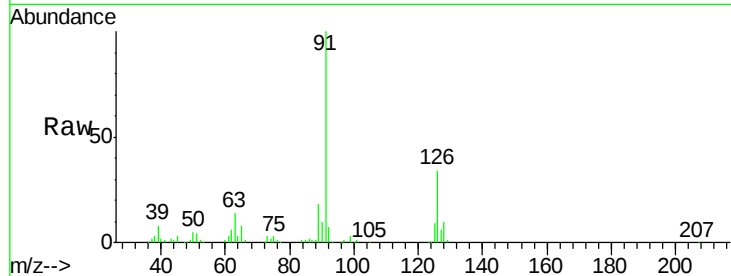
#79
 2-Chlorotoluene
 Concen: 20.302 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBSD01

Tot Ion: 91 Resp: 180556
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.5 52.6

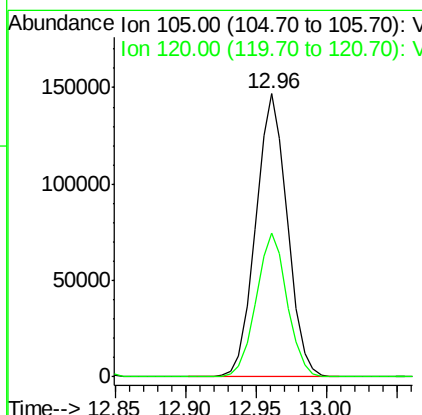
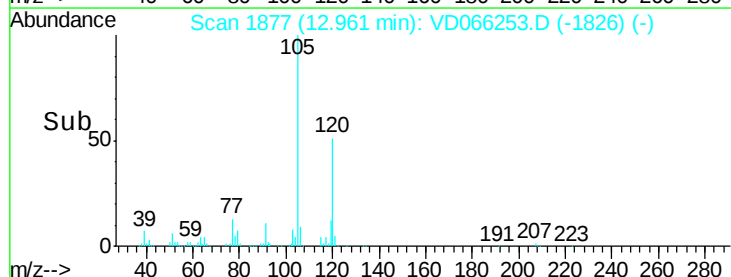
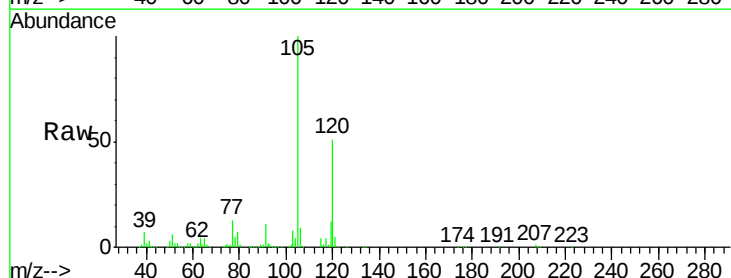
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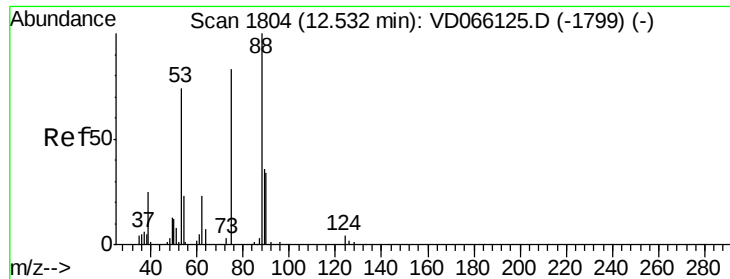
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.662 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion: 105 Resp: 231149
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.171 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

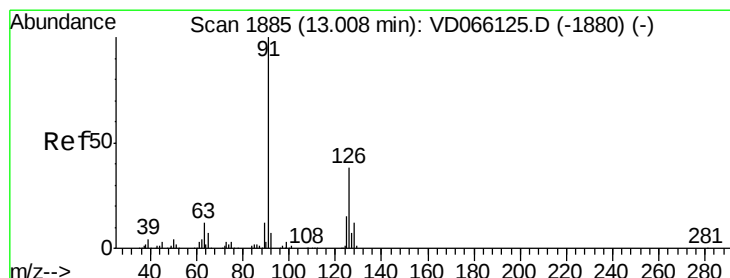
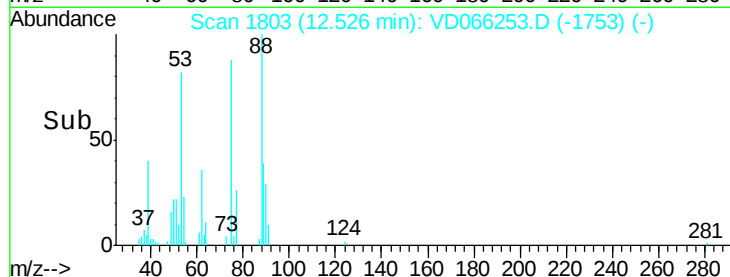
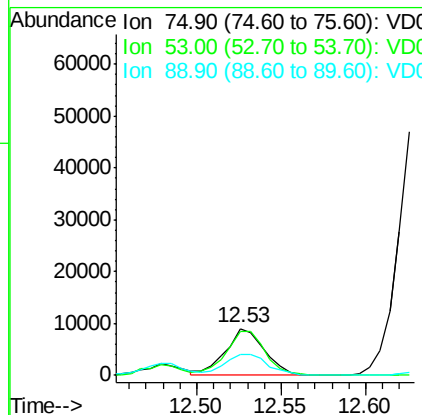
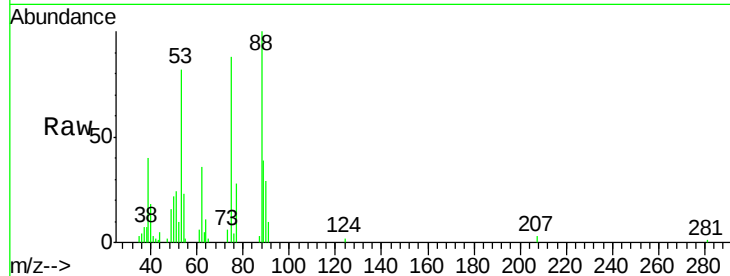
ClientSampleId :

VD0817SBS01

Tot Ion:	75	Resp:	14493
Ion	Ratio	Lower	Upper
75	100		
53	94.9	73.4	110.2
89	49.4	36.6	55.0

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#82

4-Chlorotoluene

Concen: 20.141 ug/l

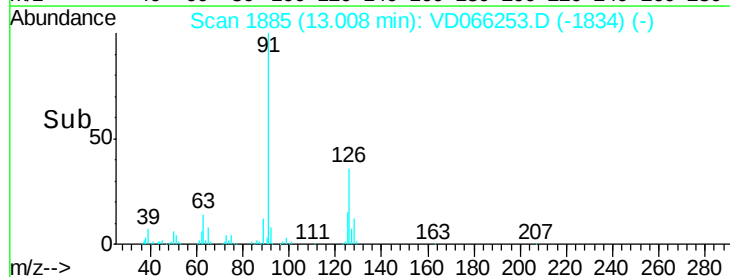
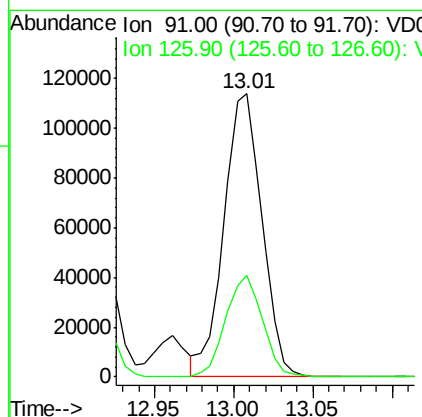
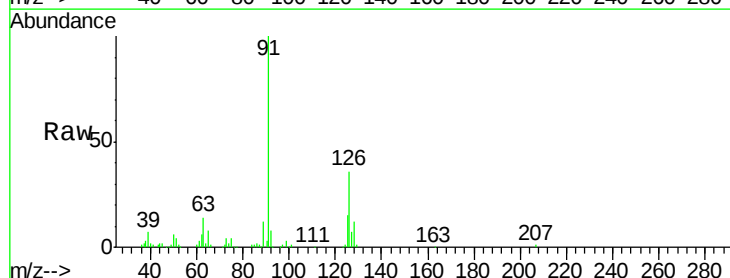
RT: 13.01 min Scan# 1885

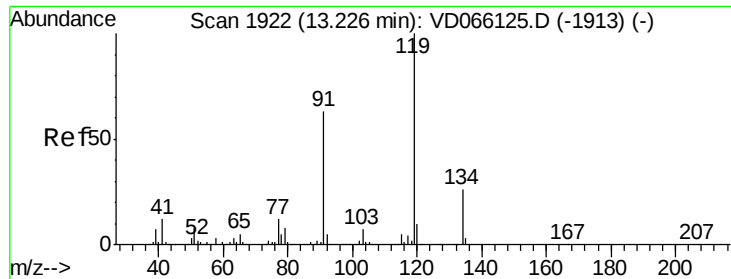
Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Tgt Ion:	91	Resp:	189089
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.8	53.3





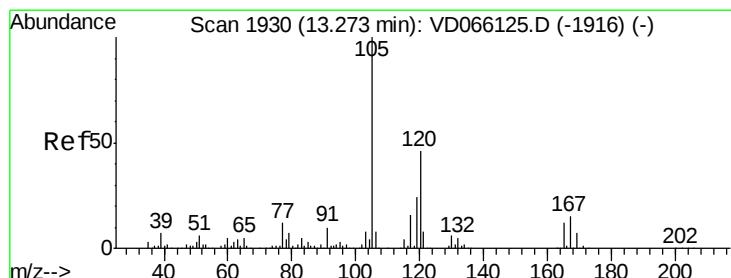
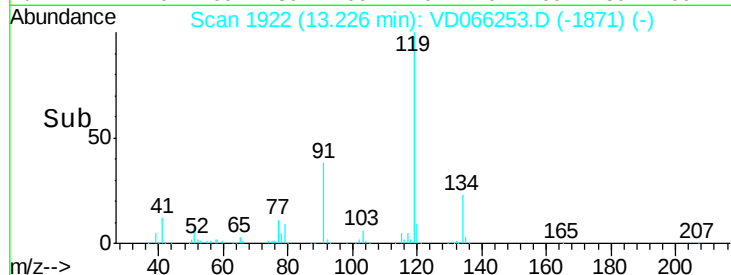
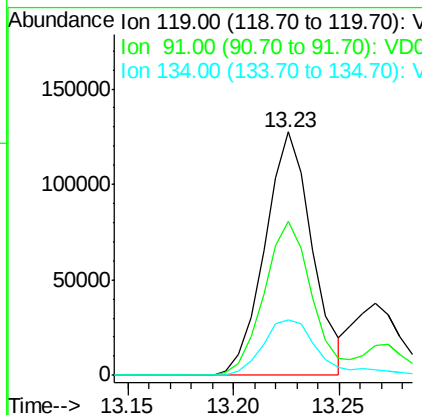
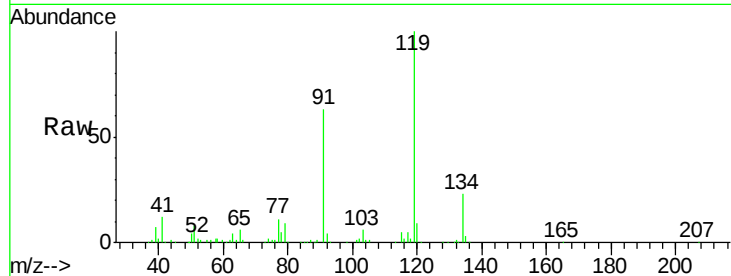
#83
tert-Butylbenzene
Concen: 20.197 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	30.8	92.4
134	27.4	13.6	40.8

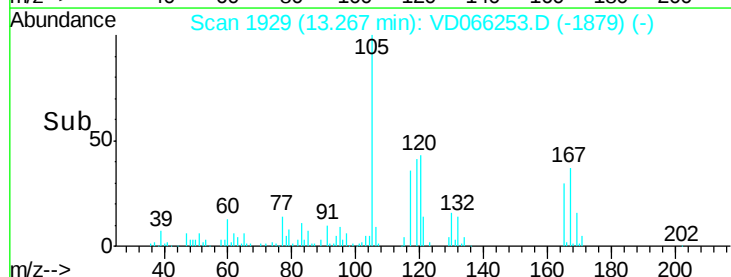
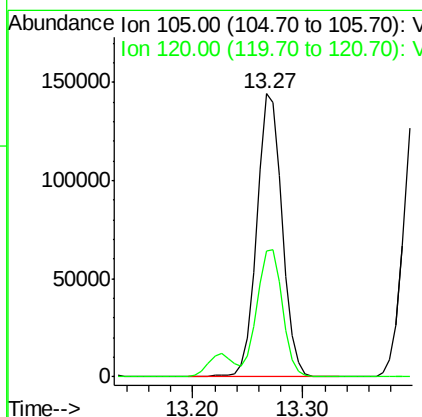
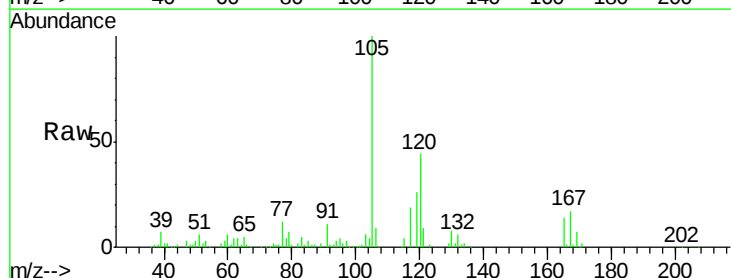
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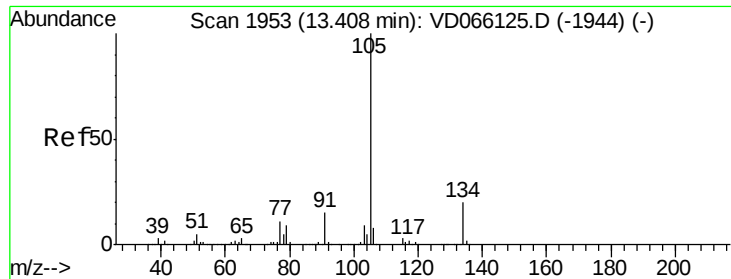
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#84
1,2,4-Trimethylbenzene
Concen: 20.758 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.477 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBS01

Tot Ion:105 Resp: 271998

Ion Ratio Lower Upper

105 100

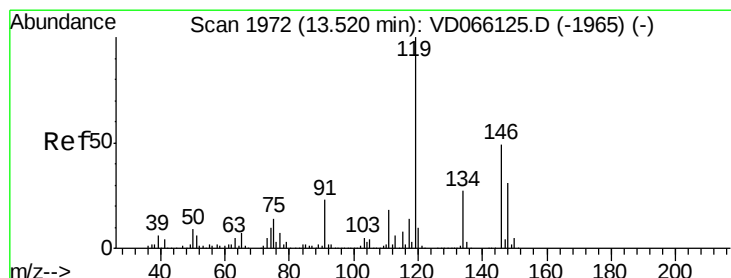
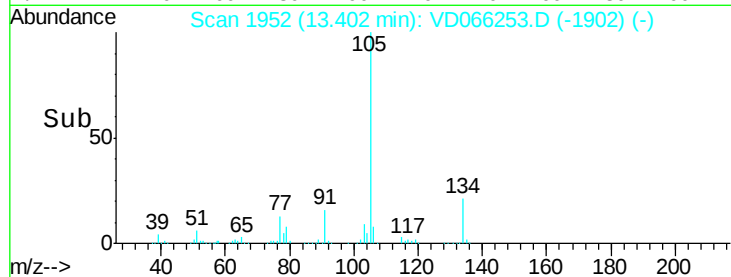
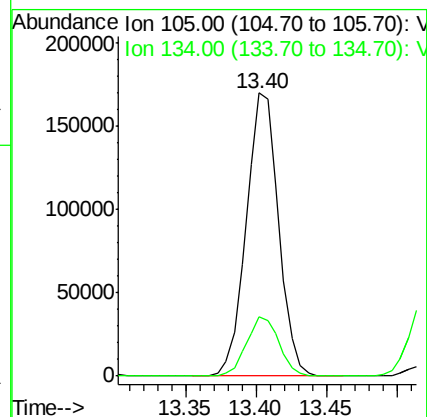
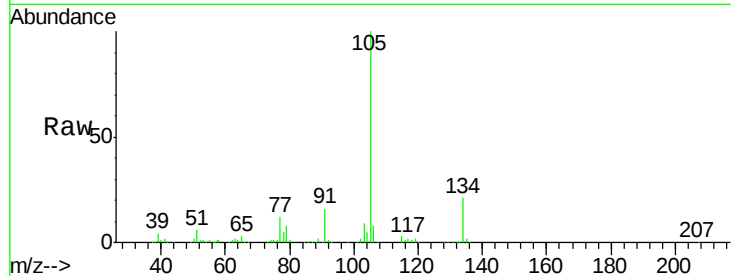
134 21.1 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 20.683 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066253.D

Acq: 17 Aug 2020 13:05

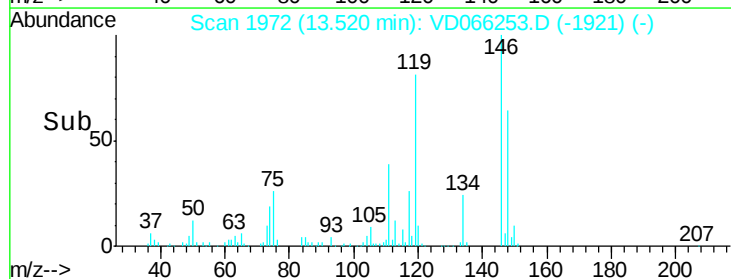
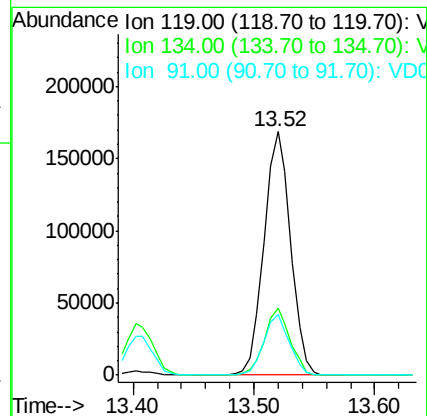
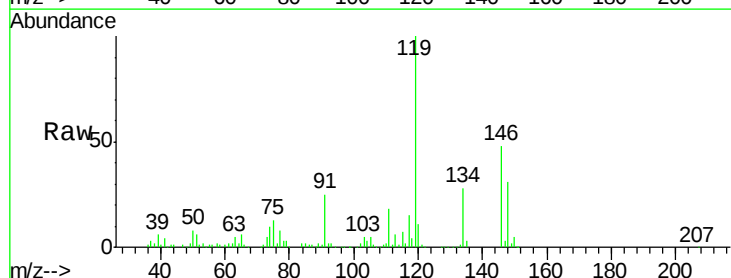
Tgt Ion:119 Resp: 257673

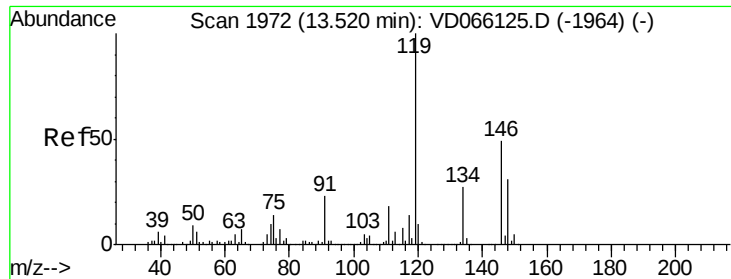
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 23.9 11.2 33.5





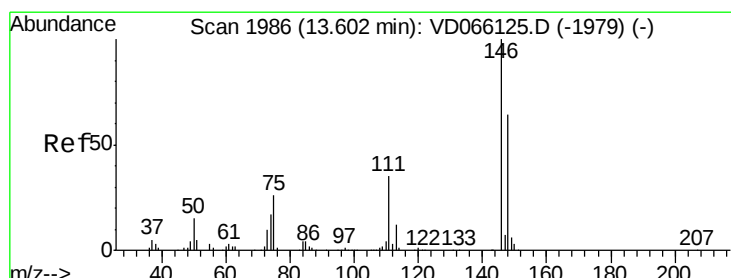
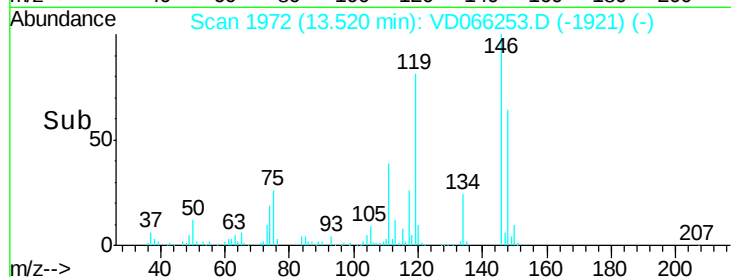
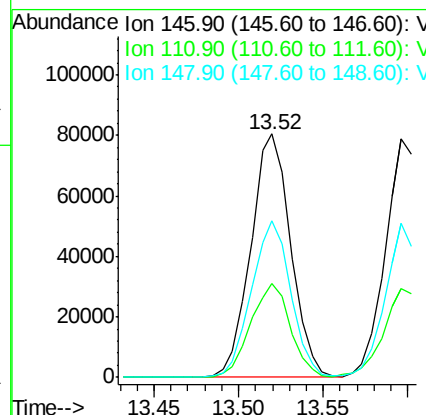
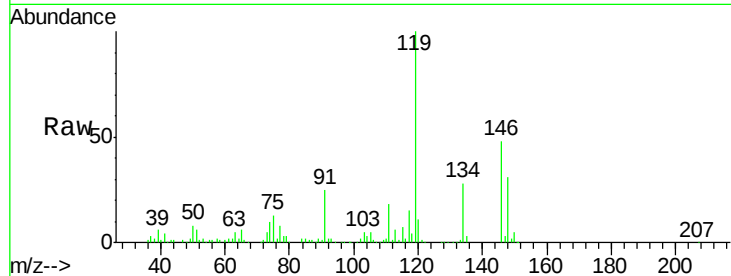
#87
 1,3-Dichlorobenzene
 Concen: 20.335 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	131608		
111	38.7	18.9	56.9	
148	63.7	31.8	95.3	

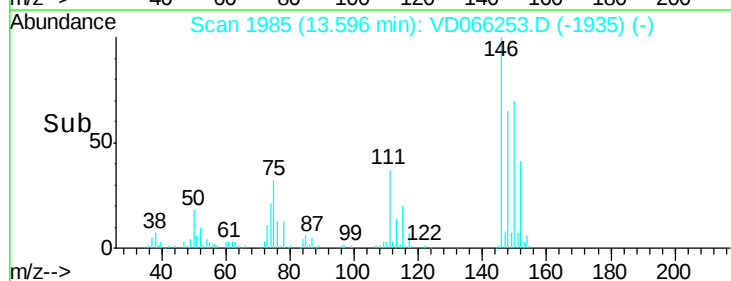
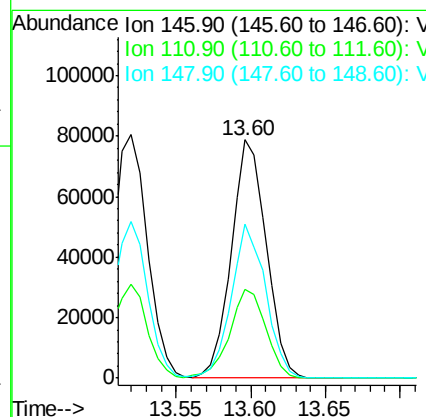
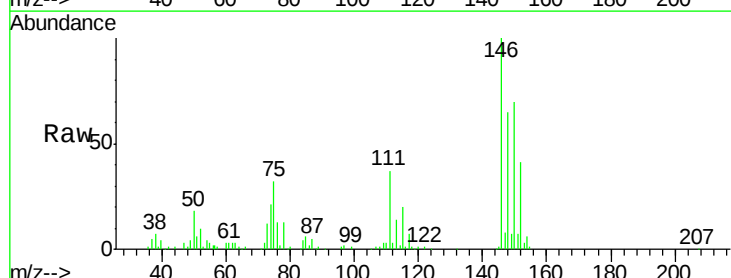
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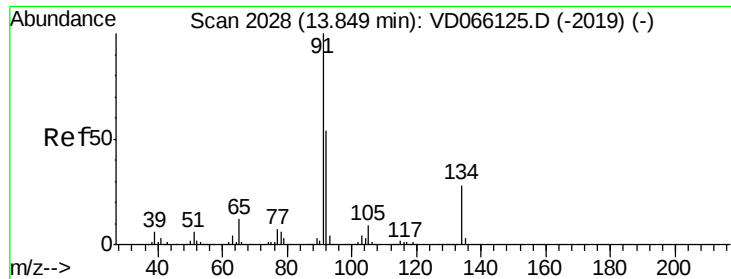
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#88
 1,4-Dichlorobenzene
 Concen: 20.024 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129240		
111	38.5	18.6	55.8	
148	63.4	32.4	97.0	





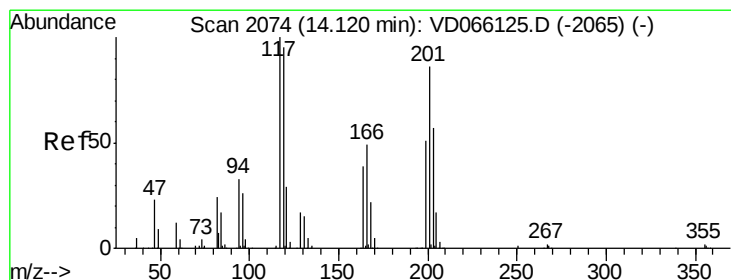
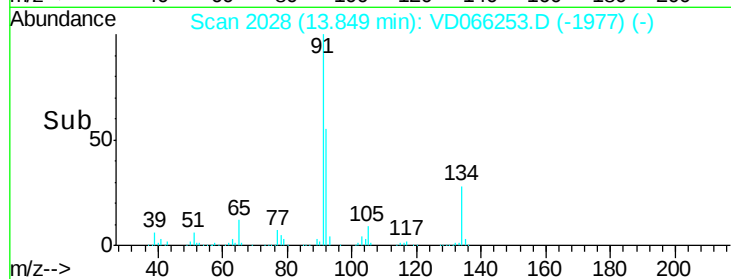
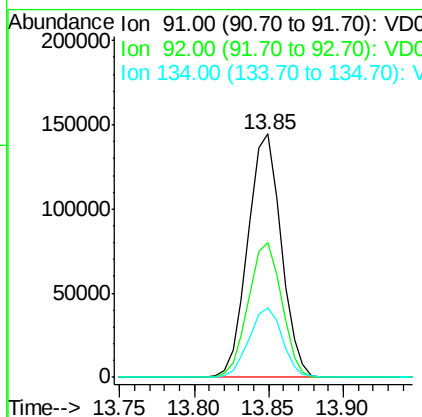
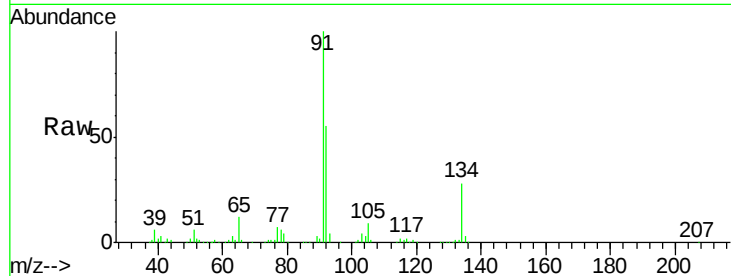
#89
n-Butylbenzene
Concen: 20.057 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.2	26.8	80.3	
134	28.3	14.0	41.9	

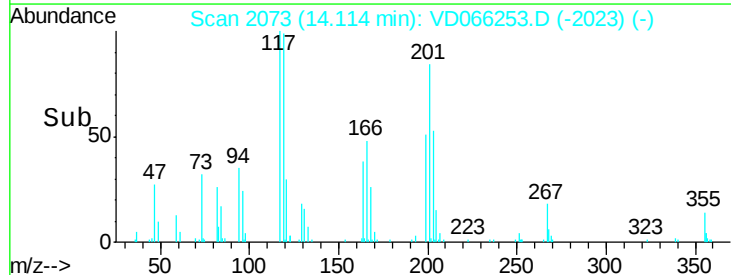
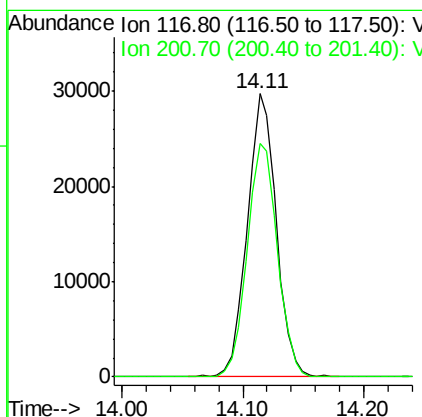
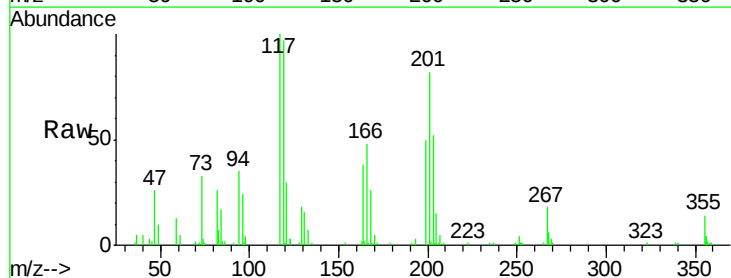
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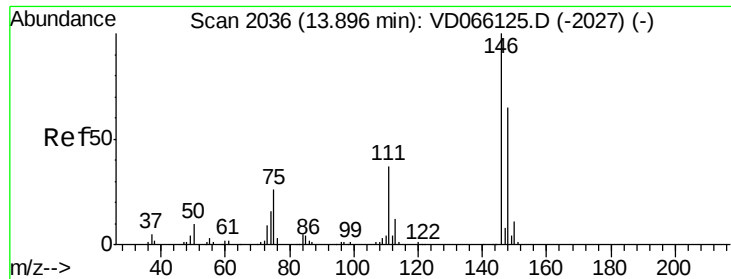
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#90
Hexachloroethane
Concen: 20.007 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.7	42.7	128.1	





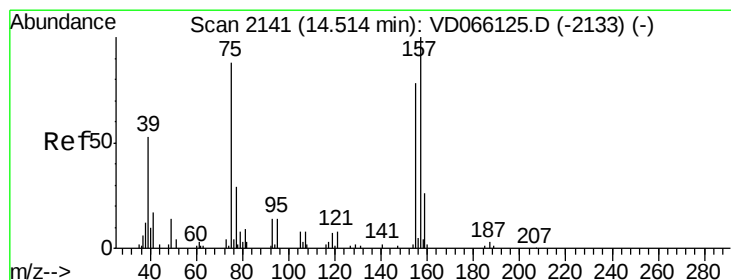
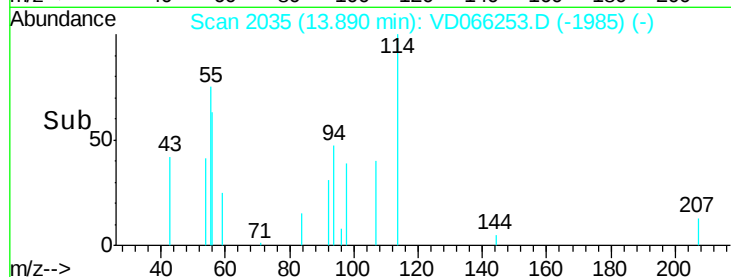
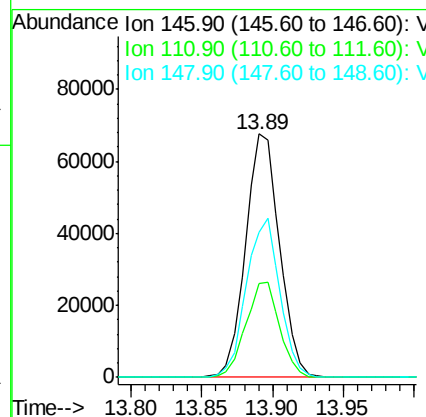
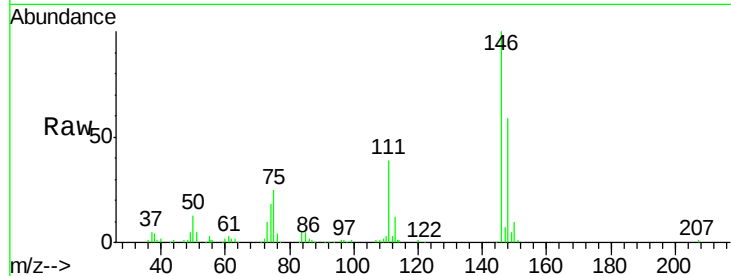
#91
 1,2-Dichlorobenzene
 Concen: 19.893 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.8	56.3
148	64.3	31.9	95.5

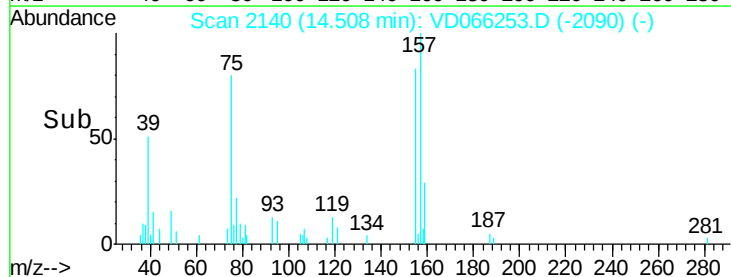
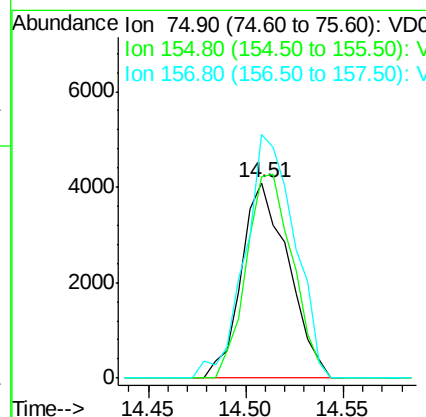
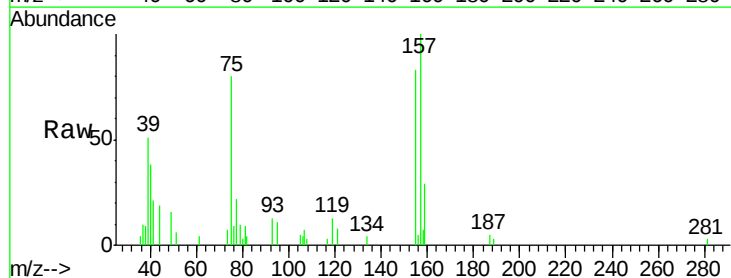
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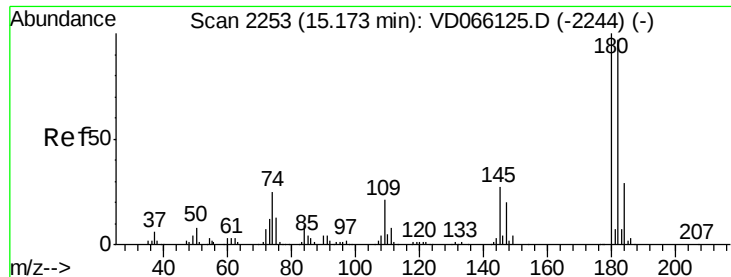
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.453 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.5	47.7	143.1
157	130.6	62.1	186.2





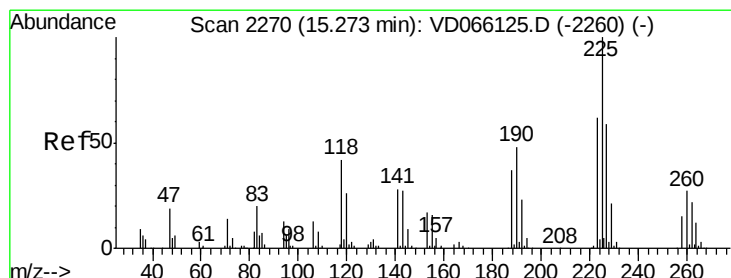
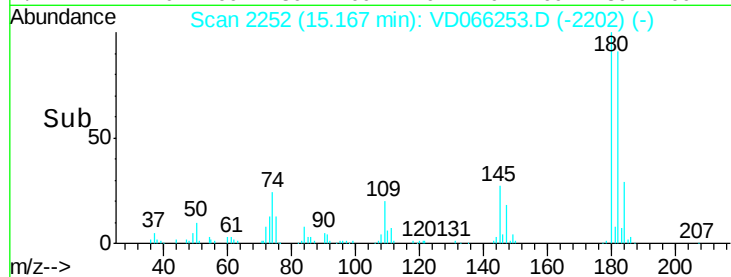
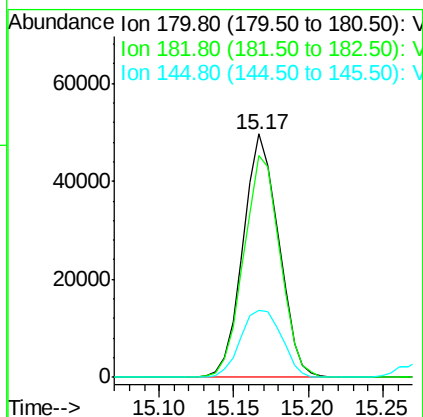
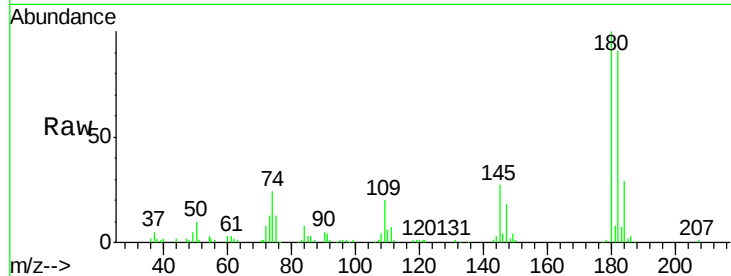
#93
 1,2,4-Trichlorobenzene
 Concen: 19.470 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.4	142.2
145	31.9	14.5	43.6

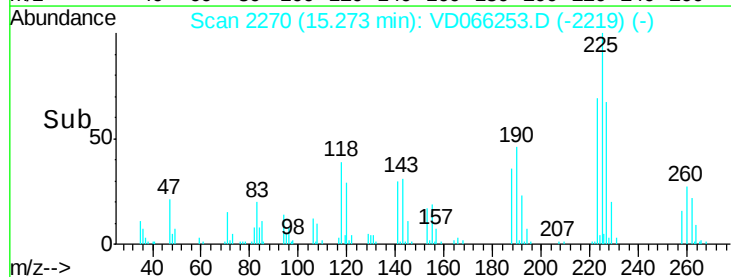
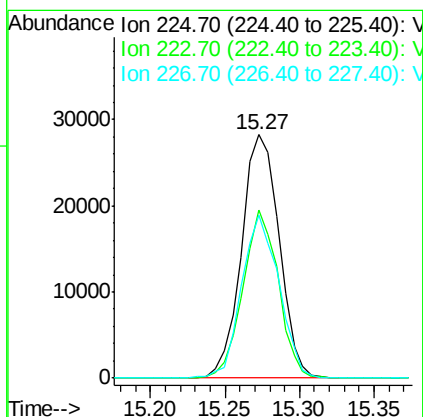
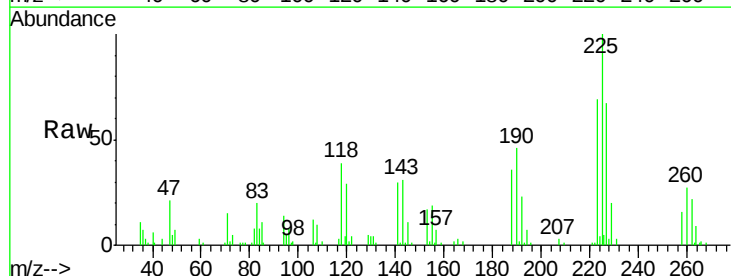
Manual Integrations
 APPROVED

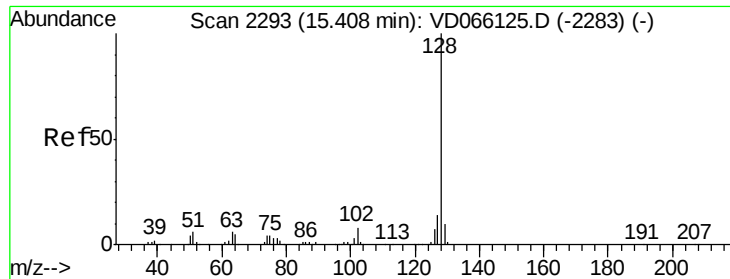
MMDadoda
 8/18/2020 11:08:49 AM



#94
 Hexachlorobutadiene
 Concen: 19.827 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066253.D
 Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.3	96.9
227	66.5	32.1	96.5





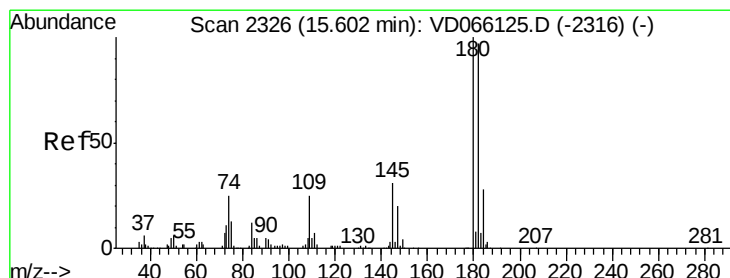
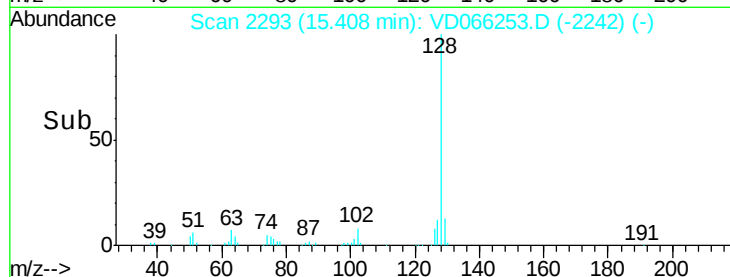
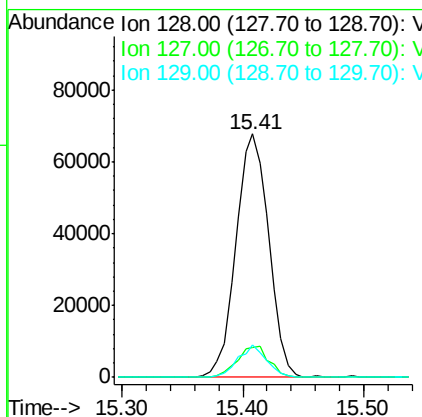
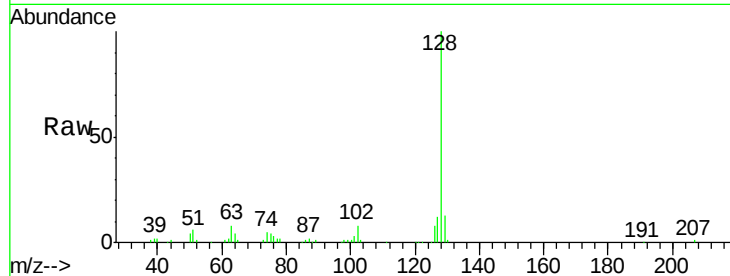
#95
Naphthalene
Concen: 18.645 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	128141		
127	12.6		11.0	16.4
129	11.5		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:08:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.800 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066253.D
Acq: 17 Aug 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70000		
182	92.4		47.1	141.4
145	30.9		14.9	44.9

