

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081220\
 Data File : VD066207.D
 Acq On : 12 Aug 2020 16:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 8/13/2020 4:21:06 PM

Quant Time: Aug 12 19:03:11 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	7.97	168	291288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	413365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	400826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	214285	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	132469	50.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.94%	
35) Dibromofluoromethane	7.91	113	135834	51.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.74%	
50) Toluene-d8	10.34	98	505836	52.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.63	95	187506	53.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	113321	44.156	ug/l	95
3) Chloromethane	2.20	50	74547	37.342	ug/l	95
4) Vinyl Chloride	2.34	62	76984	43.557	ug/l	95
5) Bromomethane	2.76	94	50950	43.450	ug/l	95
6) Chloroethane	2.91	64	49181	45.332	ug/l #	87
7) Trichlorofluoromethane	3.26	101	225768	48.997	ug/l	97
8) Diethyl Ether	3.70	74	62746	48.261	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	131308	48.018	ug/l	99
10) Methyl Iodide	4.29	142	129288	51.672	ug/l	99
11) Tert butyl alcohol	5.21	59	49877	258.290	ug/l	97
12) 1,1-Dichloroethene	4.06	96	119472	46.313	ug/l	98
13) Acrolein	3.91	56	37671	182.114	ug/l	98
14) Allyl chloride	4.71	41	179273	45.872	ug/l	96
15) Acrylonitrile	5.41	53	135896	248.042	ug/l	99
16) Acetone	4.16	43	140481	284.899	ug/l	96
17) Carbon Disulfide	4.40	76	344507	42.002	ug/l	100
18) Methyl Acetate	4.71	43	60926	48.645	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	299336	50.625	ug/l	99
20) Methylene Chloride	4.96	84	152923	54.414	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	138539	46.749	ug/l	92
22) Diisopropyl ether	6.36	45	369326	47.788	ug/l	93
23) Vinyl Acetate	6.30	43	1116508	246.599	ug/l	98
24) 1,1-Dichloroethane	6.26	63	227590	47.585	ug/l	97
25) 2-Butanone	7.21	43	179054	246.888	ug/l	97
26) 2,2-Dichloropropane	7.20	77	214640	50.071	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	151455	48.726	ug/l	99
28) Bromochloromethane	7.54	49	84305	50.186	ug/l	97
29) Tetrahydrofuran	7.56	42	109570	243.849	ug/l	98
30) Chloroform	7.70	83	248105	49.402	ug/l	95
31) Cyclohexane	7.98	56	195434	42.926	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	237451	50.427	ug/l	99
36) 1,1-Dichloropropene	8.10	75	189912	48.891	ug/l	100
37) Ethyl Acetate	7.29	43	75737	49.211	ug/l	99
38) Carbon Tetrachloride	8.09	117	220568	50.920	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	219882	46.827	ug/l	97
40) Benzene	8.34	78	512704	47.580	ug/l	97
41) Methacrylonitrile	7.51	41	32702	36.138	ug/l #	70
42) 1,2-Dichloroethane	8.41	62	160451	50.686	ug/l	99
43) Isopropyl Acetate	8.44	43	148401	48.939	ug/l	99
44) Trichloroethene	9.10	130	156225	48.113	ug/l	99
45) 1,2-Dichloropropane	9.38	63	122387	46.439	ug/l	89
46) Dibromomethane	9.47	93	73495	50.628	ug/l	100
47) Bromodichloromethane	9.66	83	195054	50.839	ug/l	98
48) Methyl methacrylate	9.45	41	79632	51.429	ug/l	97
49) 1,4-Dioxane	9.46	88	18396	986.373	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	407480	261.607	ug/l	99
52) Toluene	10.40	92	362425	51.114	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	195995	53.829	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	227514	53.332	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	108521	51.916	ug/l	94
56) Ethyl methacrylate	10.66	69	132777	52.877	ug/l	98
57) 1,3-Dichloropropane	10.94	76	174477	50.278	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	329743	291.933	ug/l	98
59) 2-Hexanone	10.98	43	287211	262.736	ug/l	100
60) Dibromochloromethane	11.13	129	150682	52.214	ug/l	99
61) 1,2-Dibromoethane	11.24	107	109610	54.525	ug/l	96
64) Tetrachloroethene	10.87	164	147126	47.801	ug/l	98
65) Chlorobenzene	11.67	112	405703	49.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	161032	50.580	ug/l	99
67) Ethyl Benzene	11.74	91	712877	50.557	ug/l	100
68) m/p-Xylenes	11.85	106	543405	99.468	ug/l	97
69) o-Xylene	12.18	106	250551	50.416	ug/l	100
70) Styrene	12.19	104	446646	51.283	ug/l	99
71) Bromoform	12.36	173	96521	51.170	ug/l #	99
73) Isopropylbenzene	12.48	105	713325	49.869	ug/l	100
74) N-amyl acetate	12.28	43	155369	49.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	115364	47.298	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	74803m	41.860	ug/l	
77) Bromobenzene	12.76	156	181986	49.424	ug/l	98
78) n-propylbenzene	12.82	91	818729	49.240	ug/l	100
79) 2-Chlorotoluene	12.91	91	462245	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	604509	50.533	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	40334	49.894	ug/l	94
82) 4-Chlorotoluene	13.00	91	494898	49.298	ug/l	99
83) tert-Butylbenzene	13.23	119	525906	49.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	598981	50.033	ug/l	99
85) sec-Butylbenzene	13.40	105	714098	50.275	ug/l	100
86) p-Isopropyltoluene	13.52	119	662390	49.722	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	332752	48.083	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	336047	48.691	ug/l	100
89) n-Butylbenzene	13.84	91	613638	51.411	ug/l	100
90) Hexachloroethane	14.11	117	130026	48.938	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	298787	48.819	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21223	50.627	ug/l	98

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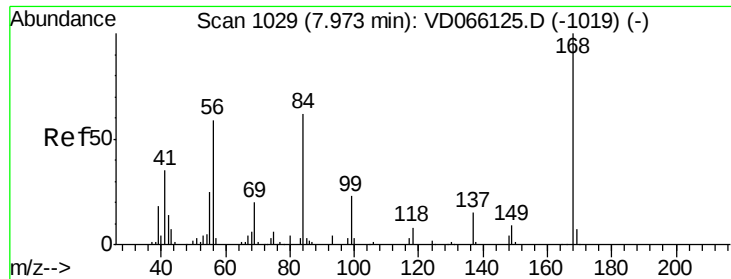
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	231480	51.323	ug/l	100
94) Hexachlorobutadiene	15.27	225	134646	50.696	ug/l	98
95) Naphthalene	15.41	128	393378	53.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	203984	51.232	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 291288

Ion Ratio Lower Upper

168 100

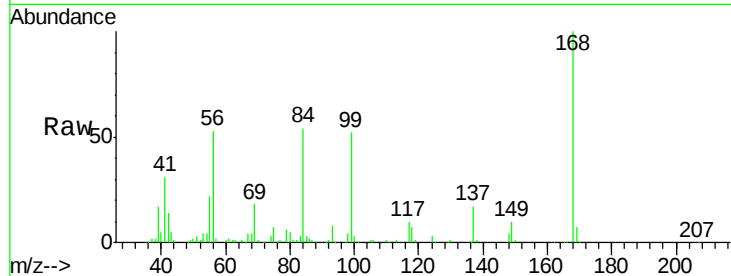
99 51.4 42.2 63.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

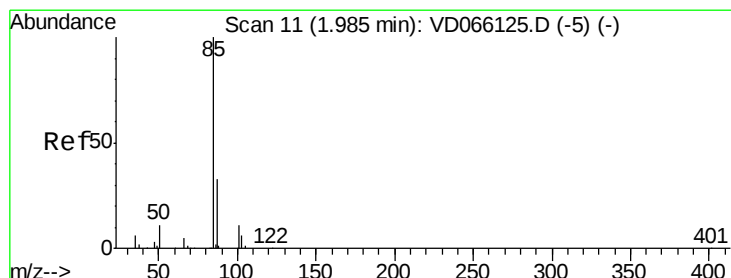
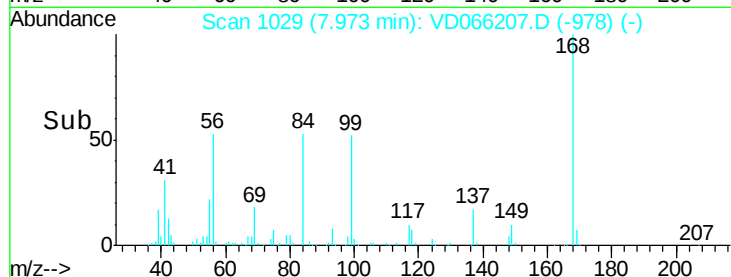
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.156 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066207.D

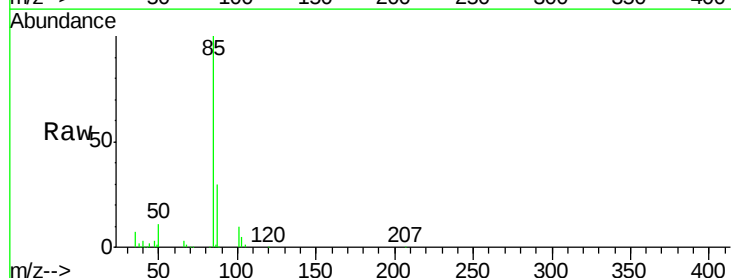
Acq: 12 Aug 2020 16:34

Tgt Ion: 85 Resp: 113321

Ion Ratio Lower Upper

85 100

87 29.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

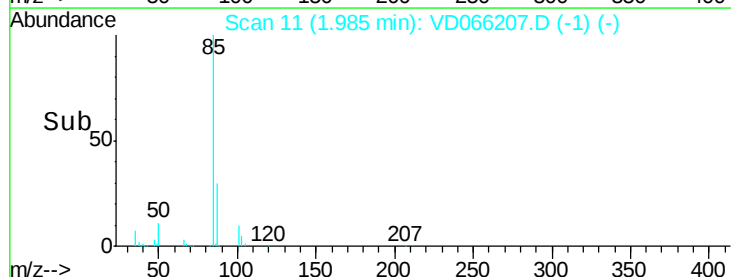
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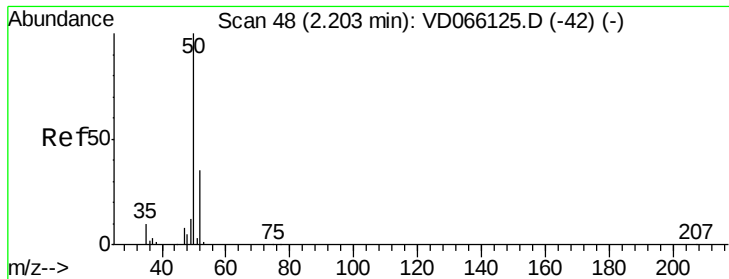
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 37.342 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 74547

Ion Ratio Lower Upper

50 100

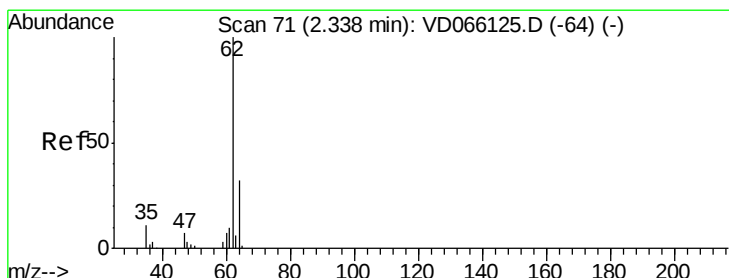
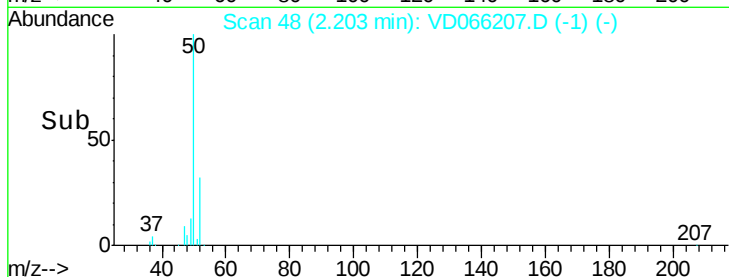
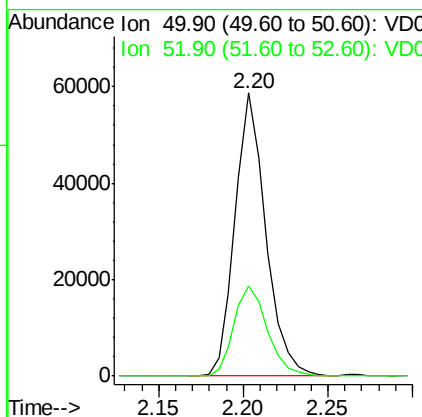
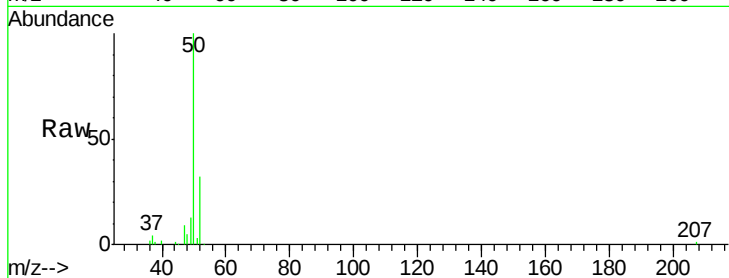
52 32.0 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.557 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066207.D

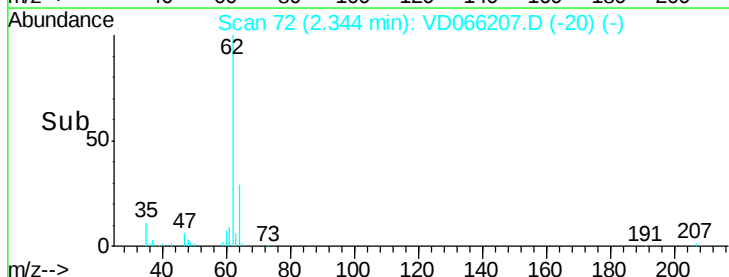
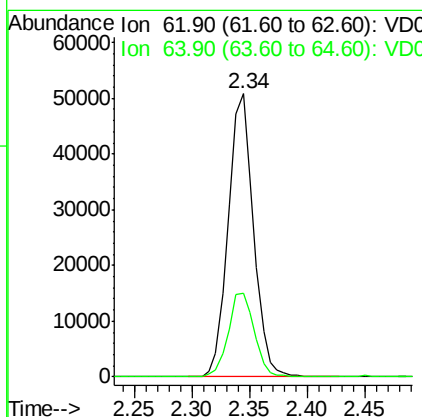
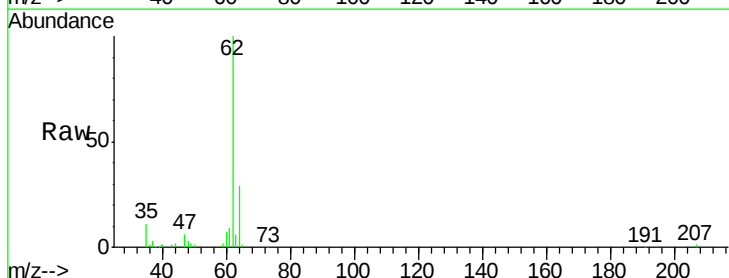
Acq: 12 Aug 2020 16:34

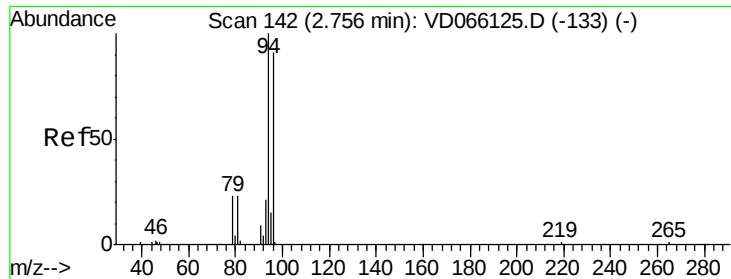
Tgt Ion: 62 Resp: 76984

Ion Ratio Lower Upper

62 100

64 29.5 25.8 38.8





#5

Bromomethane

Concen: 43.450 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 50950

Ion Ratio Lower Upper

94 100

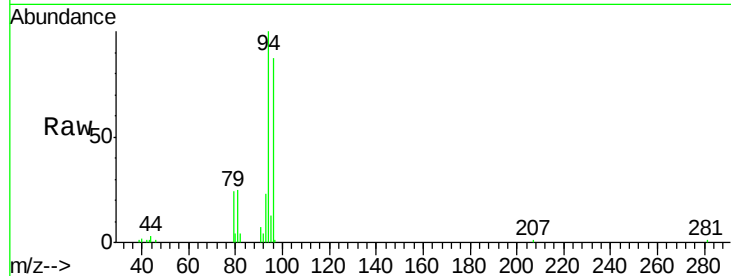
96 86.5 72.6 109.0

Manual Integrations

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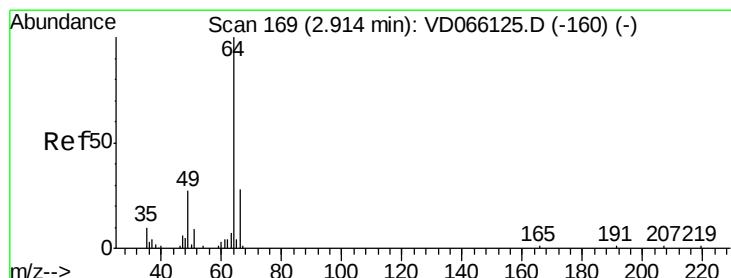
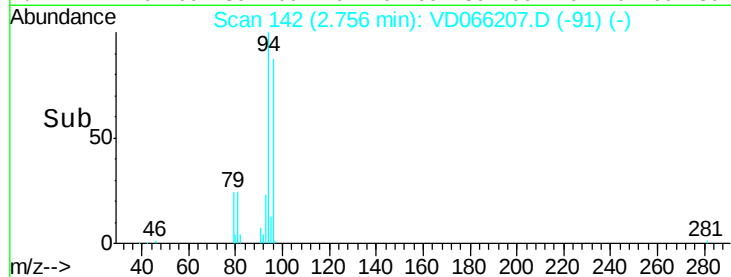
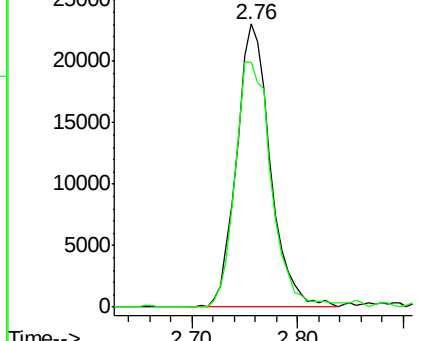
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.332 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066207.D

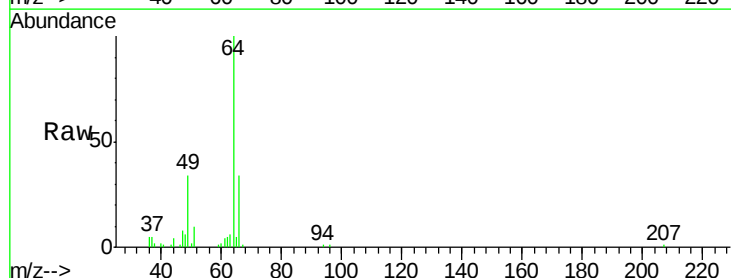
Acq: 12 Aug 2020 16:34

Tgt Ion: 64 Resp: 49181

Ion Ratio Lower Upper

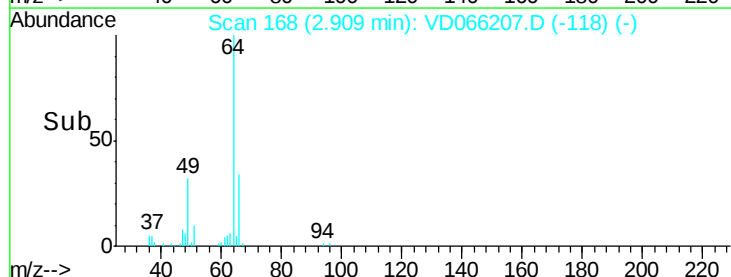
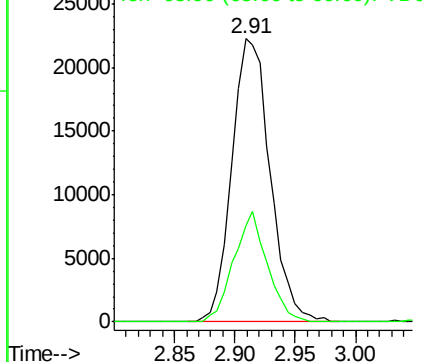
64 100

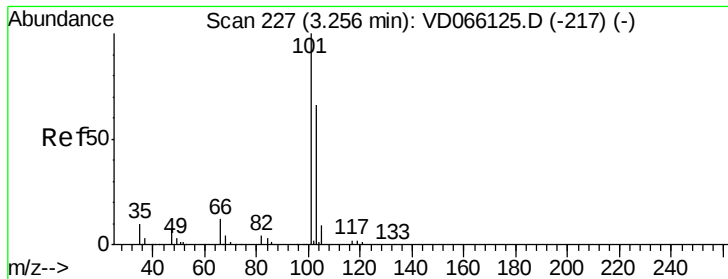
66 34.3 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

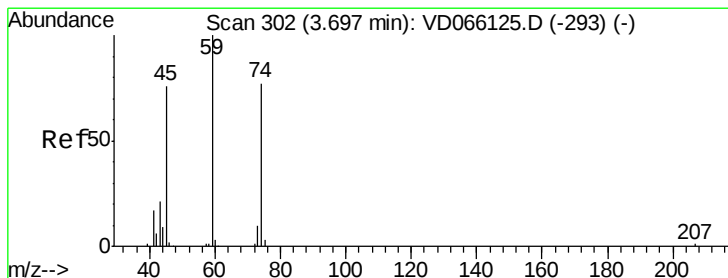
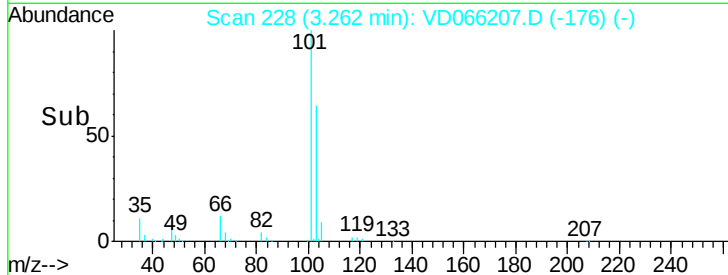
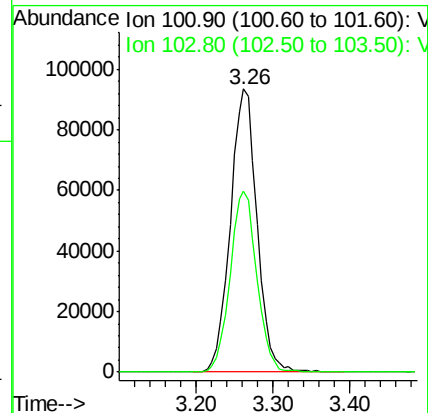
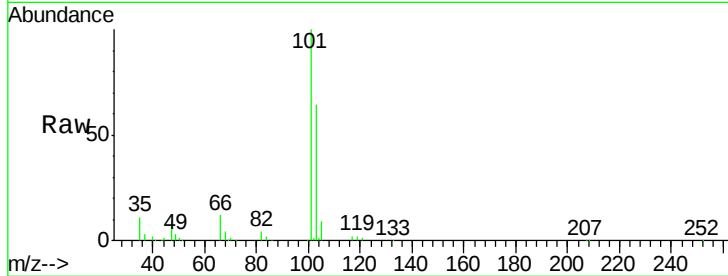
Trichlorofluoromethane
Concen: 48.997 ug/l
RT: 3.26 min Scan# 228
Delta R.T. 0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	225768		
103	63.8	53.0	79.6	

Manual Integrations
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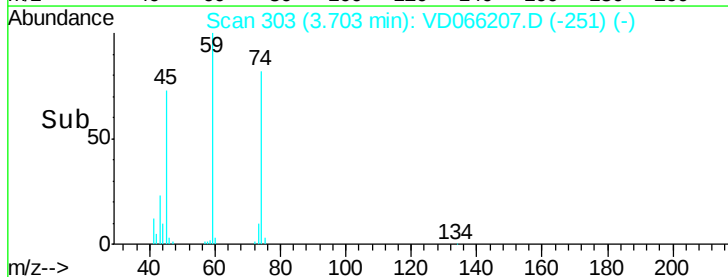
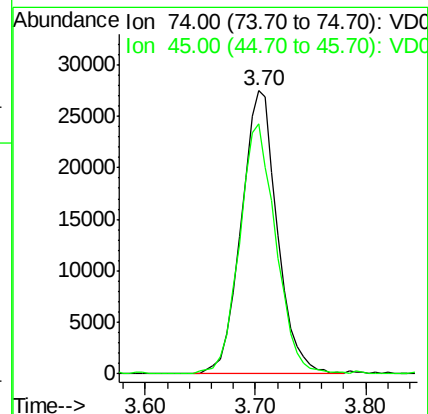
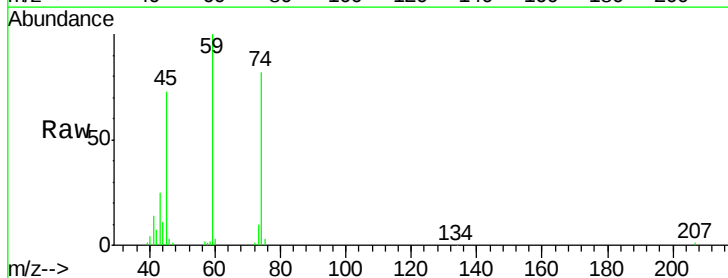
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8/13/2020 4:21:06 PM

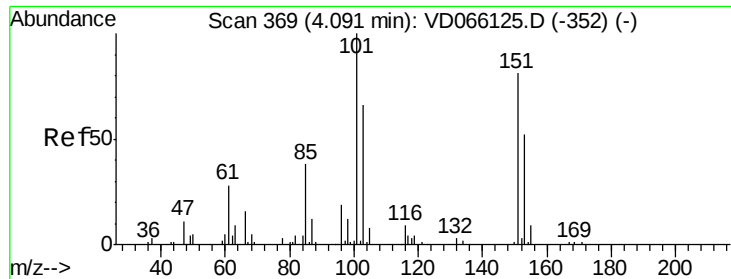


#8

Diethyl Ether
Concen: 48.261 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	62746		
45	89.4	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.018 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

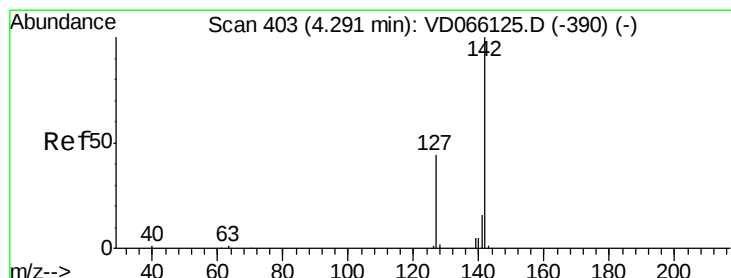
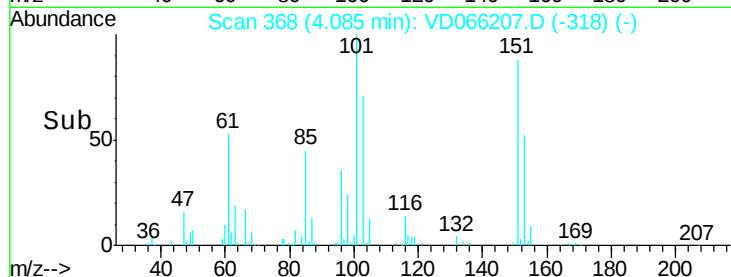
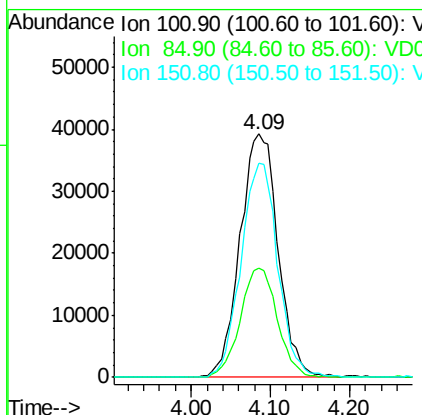
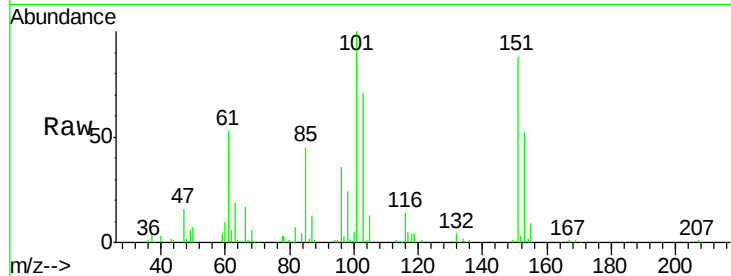
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	131308
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.5	50.3
151	84.9	67.8	101.8

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#10

Methyl Iodide

Concen: 51.672 ug/l

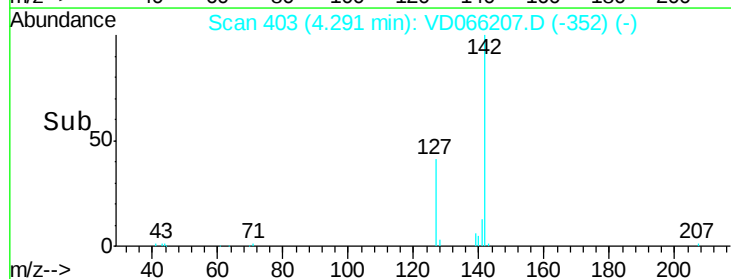
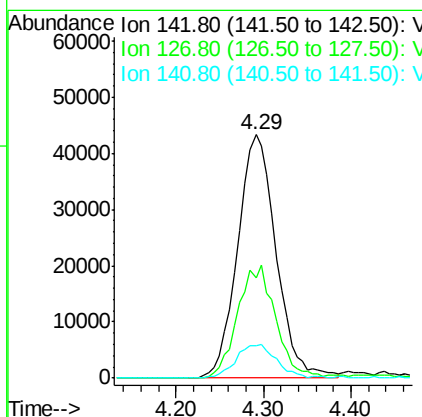
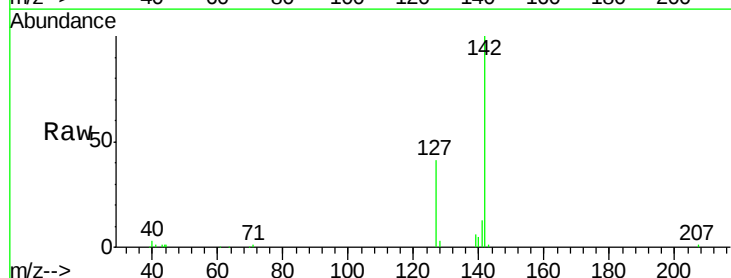
RT: 4.29 min Scan# 403

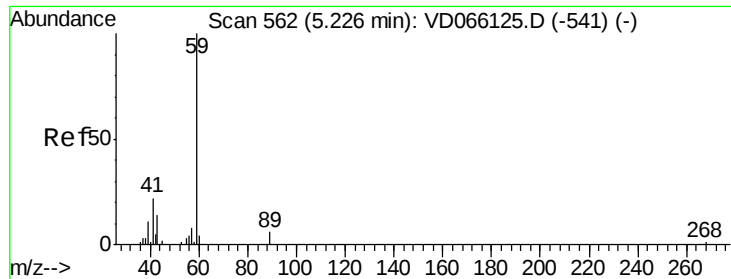
Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	142	Resp:	129288
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.2	54.4
141	14.3	12.6	18.8





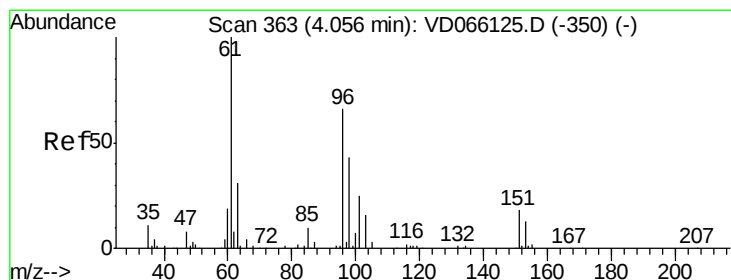
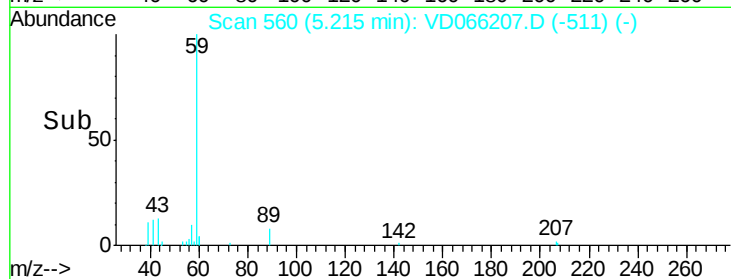
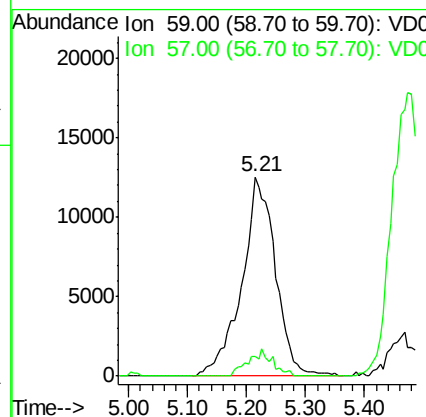
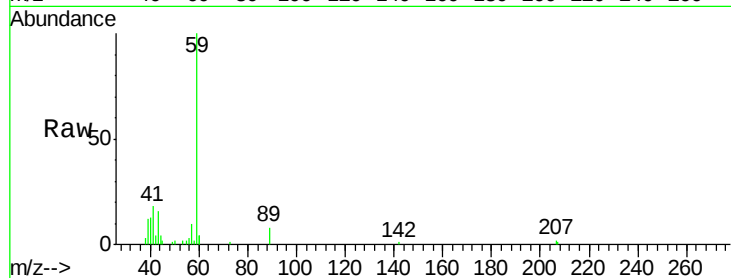
#11
Tert butyl alcohol
Concen: 258.290 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.0	10.4

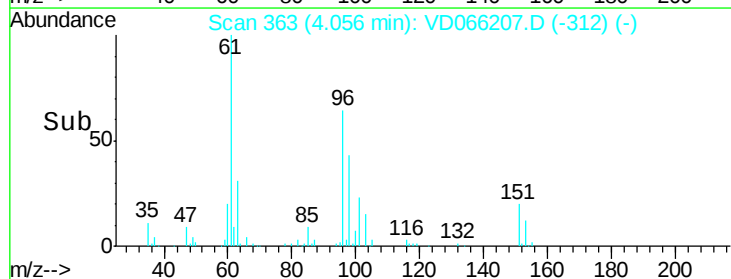
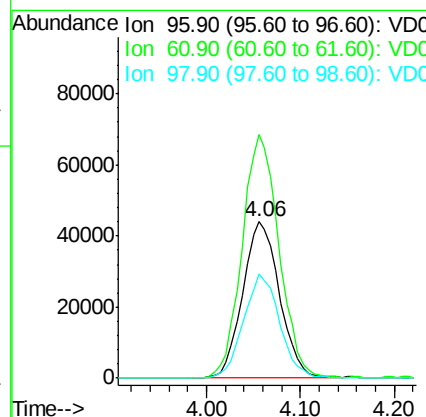
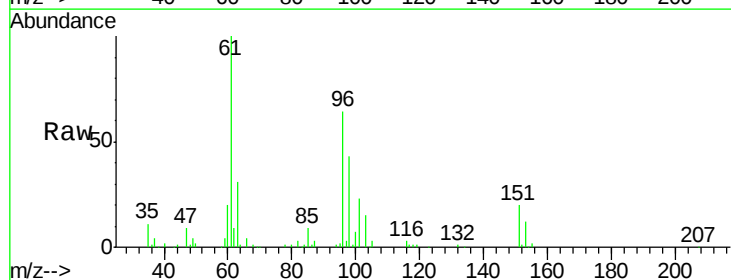
Manual Integrations
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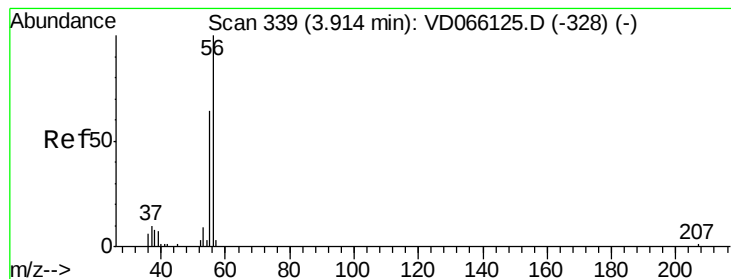
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.313 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	121.6	182.4
98	66.1	52.0	78.0





#13

Acrolein

Concen: 182.114 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37671

Ion Ratio Lower Upper

56 100

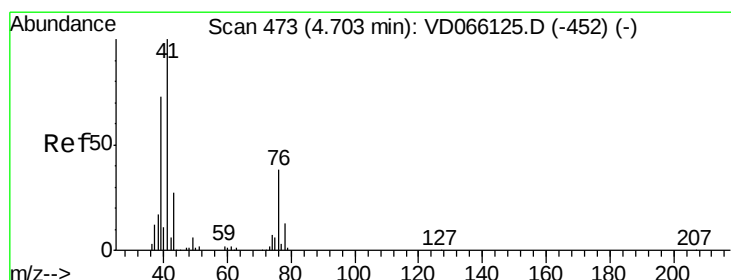
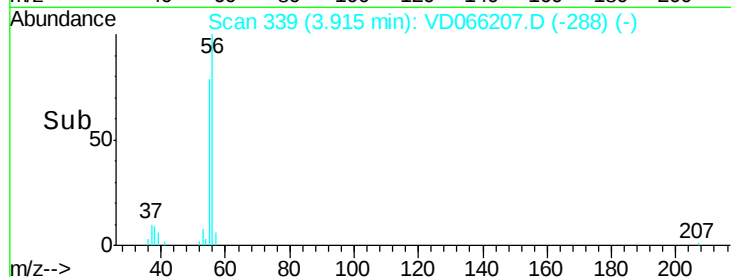
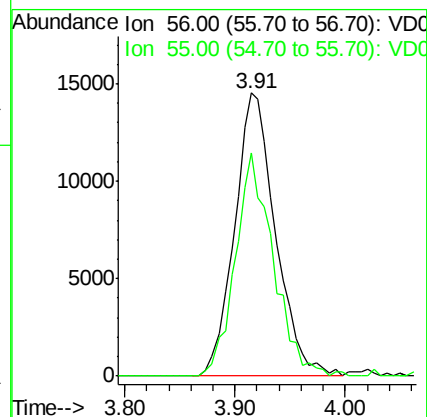
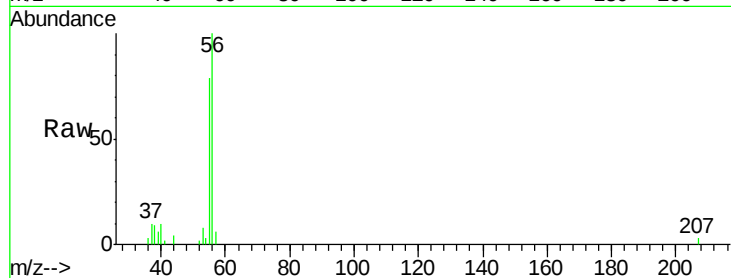
55 72.7 56.7 85.1

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#14

Allyl chloride

Concen: 45.872 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

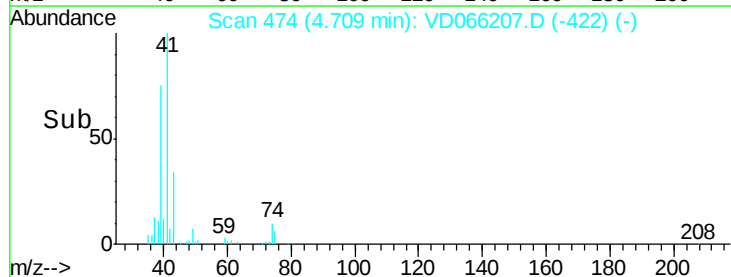
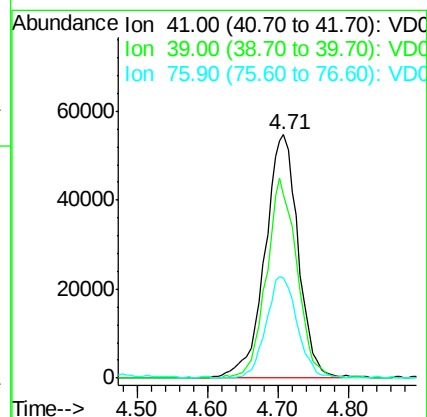
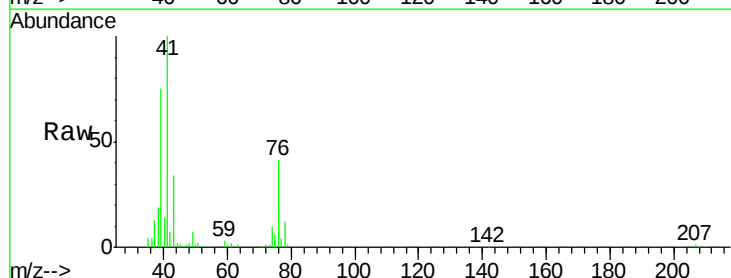
Tgt Ion: 41 Resp: 179273

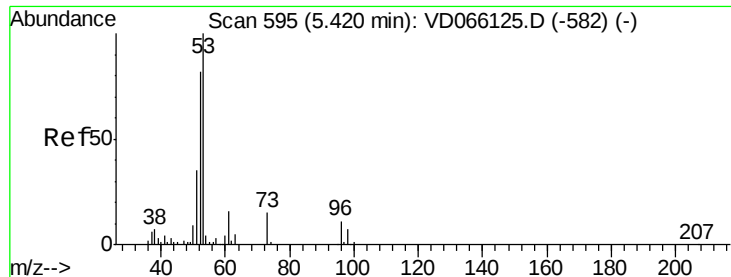
Ion Ratio Lower Upper

41 100

39 75.6 57.4 86.0

76 39.4 30.1 45.1





#15

Acrylonitrile

Concen: 248.042 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

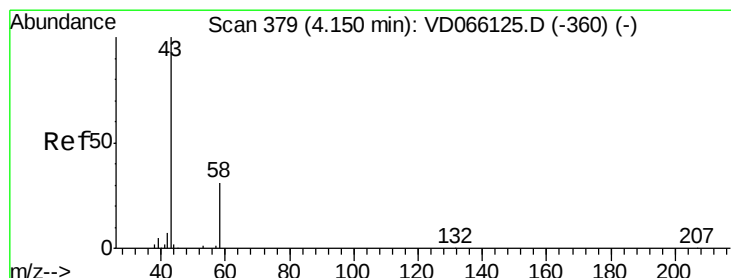
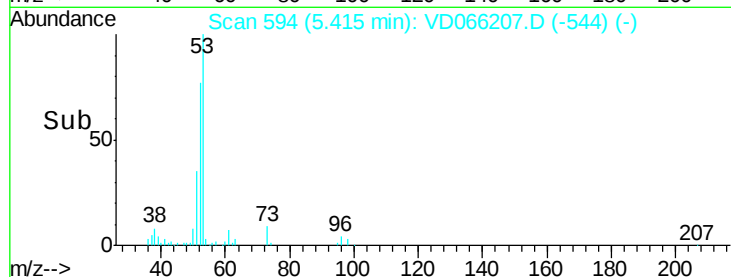
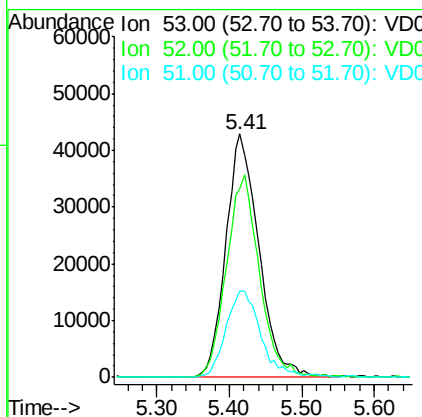
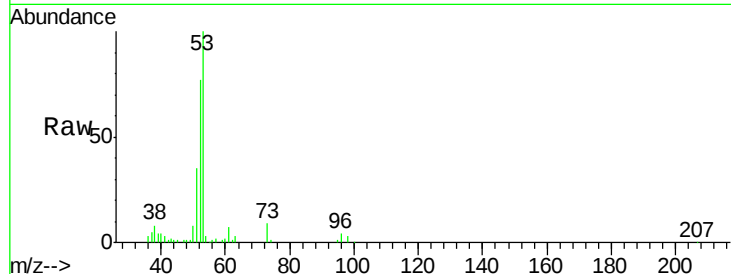
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	135896
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.9	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 284.899 ug/l

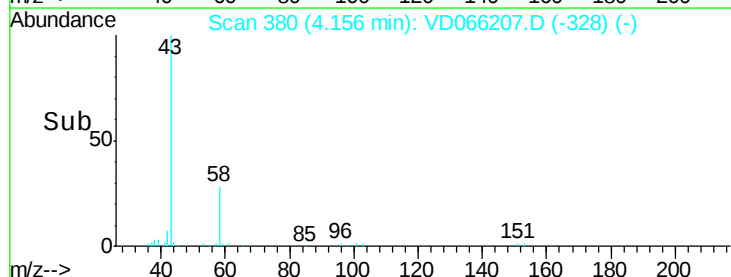
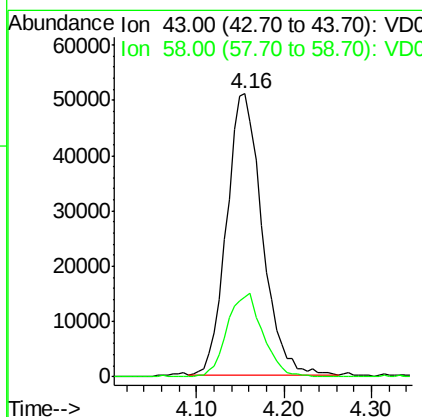
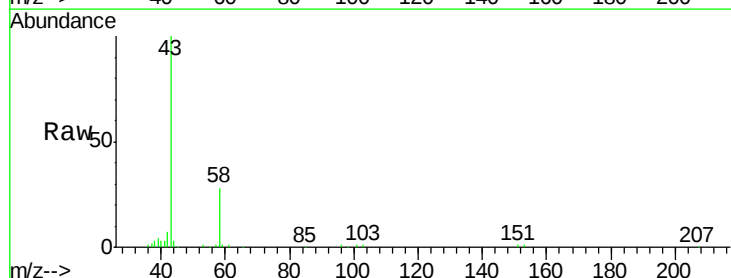
RT: 4.16 min Scan# 380

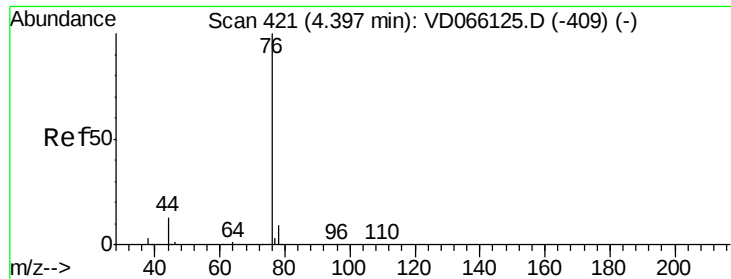
Delta R.T. 0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	43	Resp:	140481
Ion Ratio		Lower	Upper
43	100		
58	28.5	24.7	37.1





#17

Carbon Disulfide

Concen: 42.002 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 344507

Ion Ratio Lower Upper

76 100

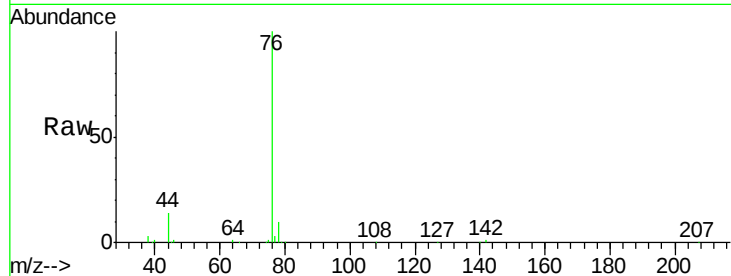
78 9.6 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

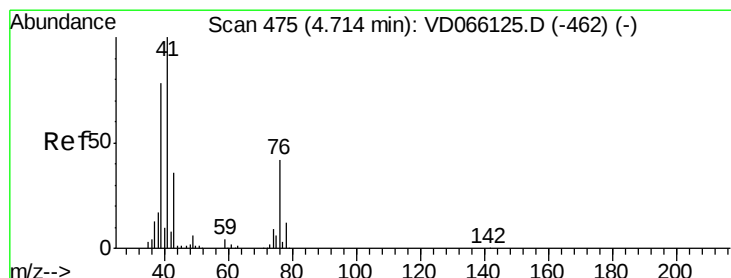
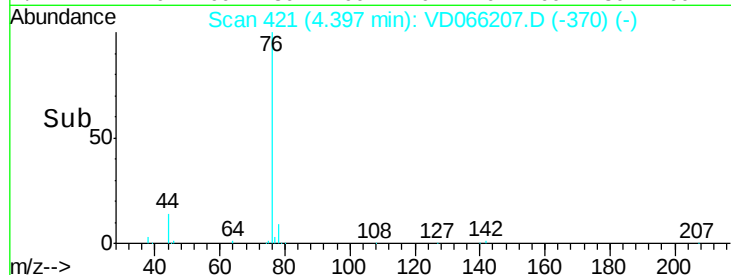
4.40

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.645 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066207.D

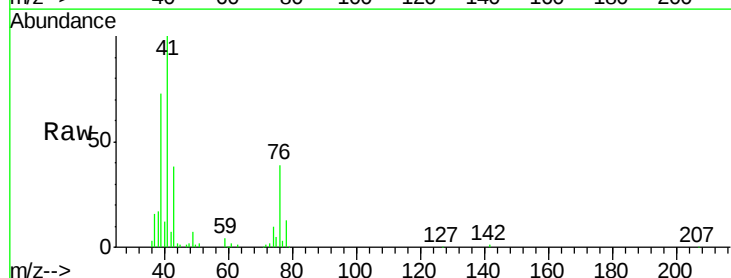
Acq: 12 Aug 2020 16:34

Tgt Ion: 43 Resp: 60926

Ion Ratio Lower Upper

43 100

74 24.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

20000

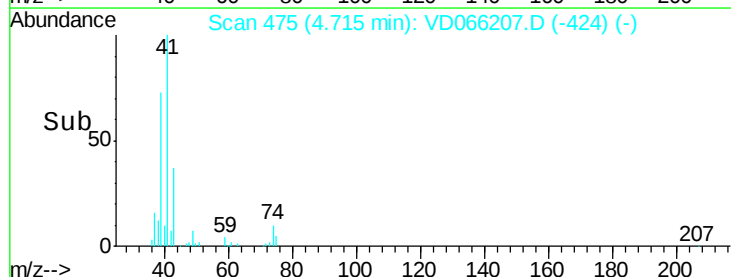
15000

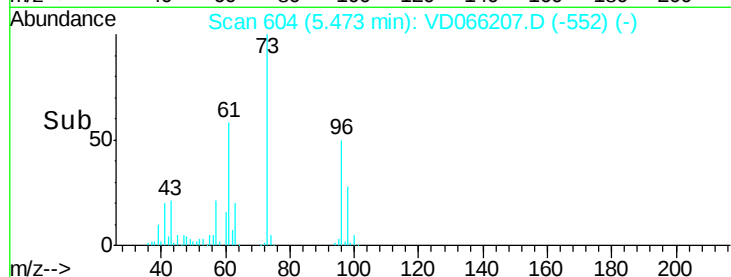
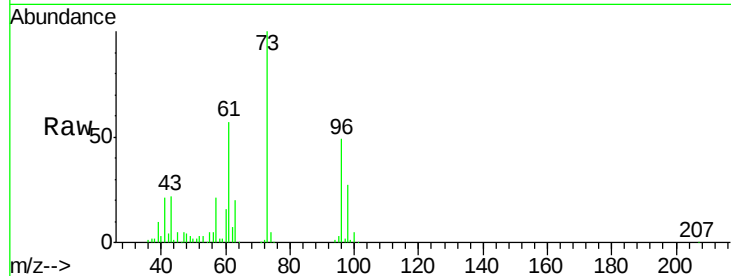
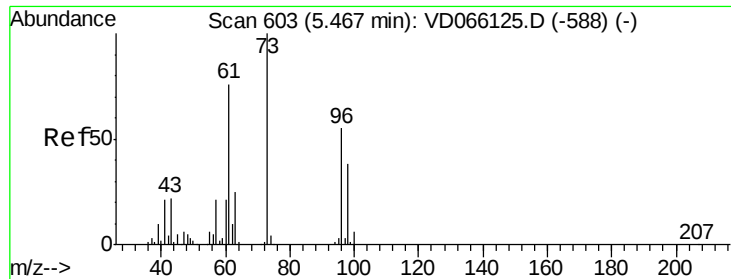
10000

5000

0

Time-->





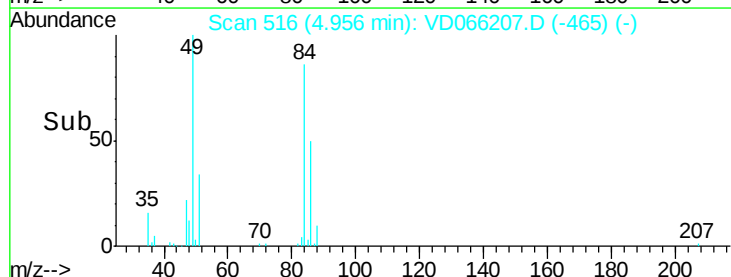
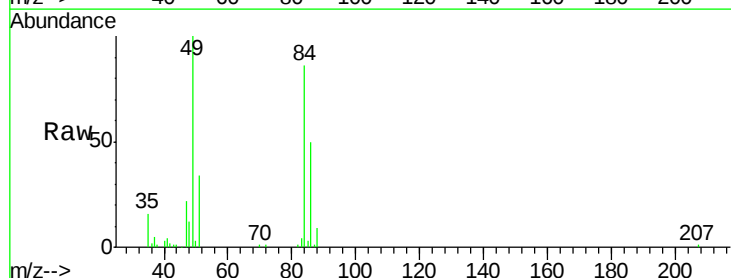
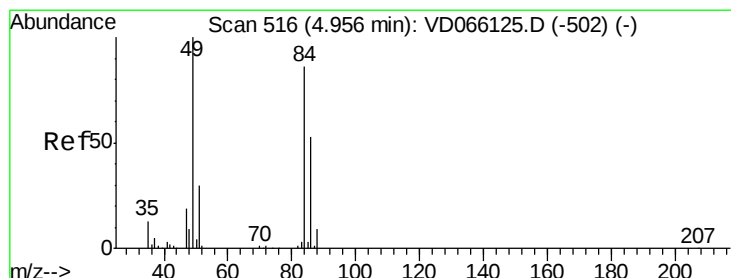
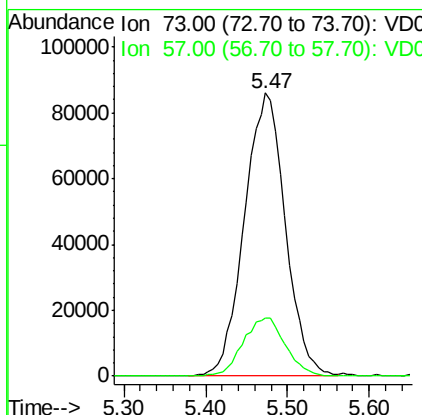
#19
Methyl tert-butyl Ether
Concen: 50.625 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tot Ion	Ratio	Resp	Lower	Upper
73	100	299336		
57	20.7	17.1	25.7	

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

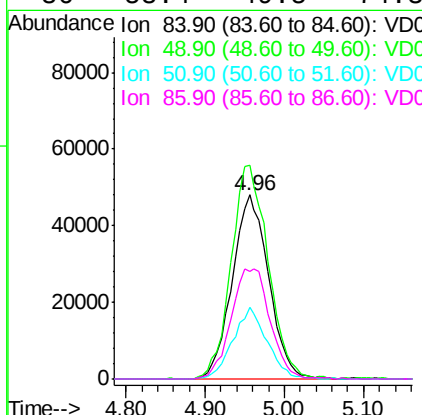
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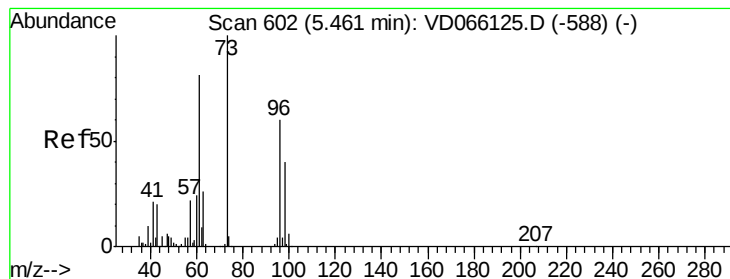
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#20
Methylene Chloride
Concen: 54.414 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	152923		
49	116.1	93.5	140.3	
51	39.1	28.2	42.4	
86	58.4	49.5	74.3	





#21

trans-1,2-Dichloroethene

Concen: 46.749 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

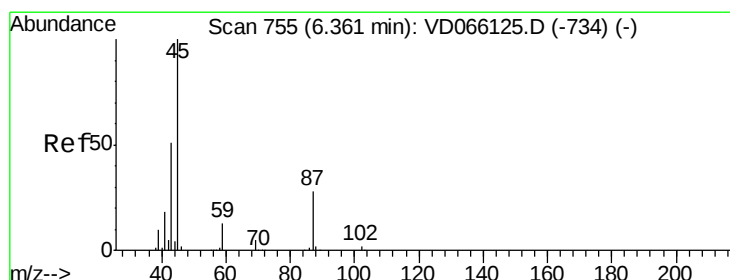
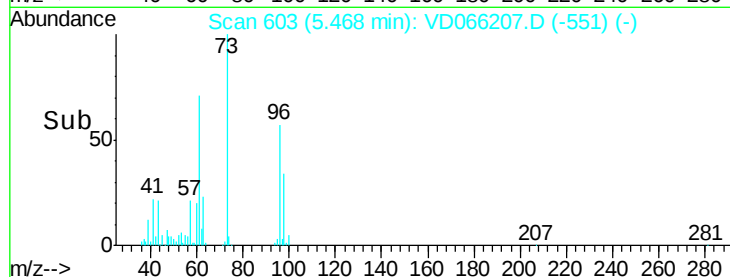
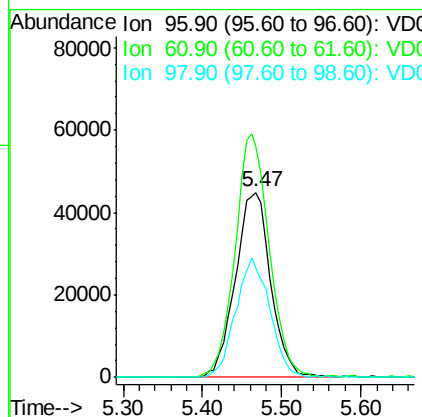
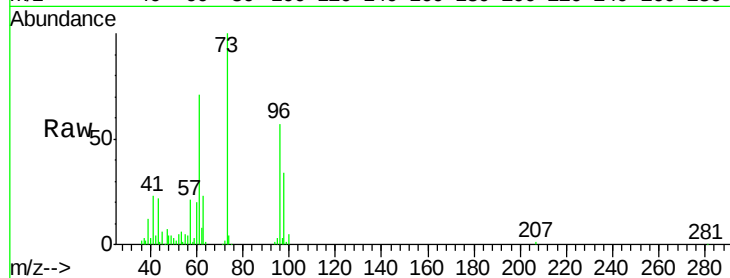
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	138539
Ion	Ratio	Lower	Upper
96	100		
61	125.1	106.9	160.3
98	59.2	53.4	80.0

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#22

Diisopropyl ether

Concen: 47.788 ug/l

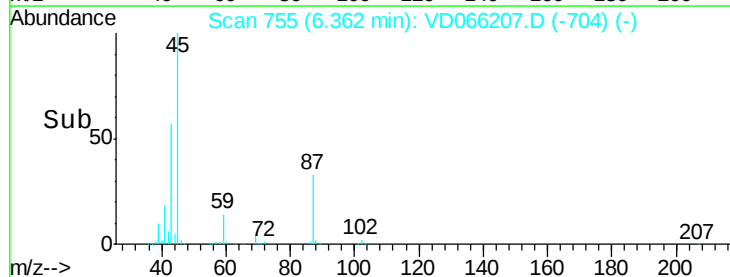
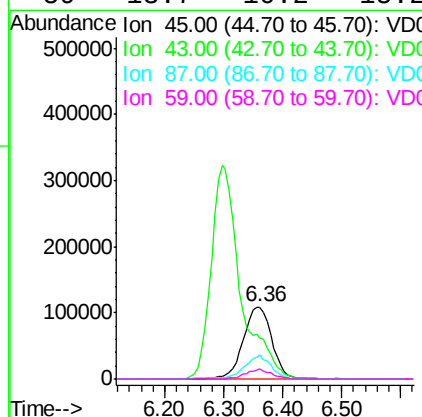
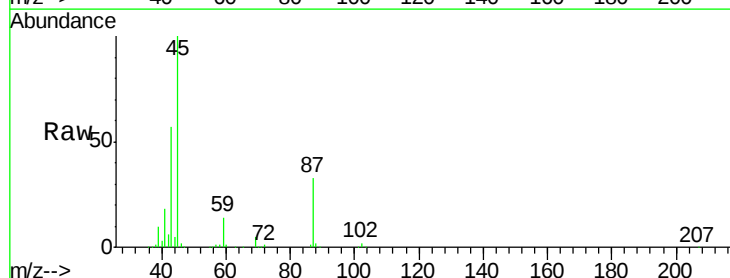
RT: 6.36 min Scan# 755

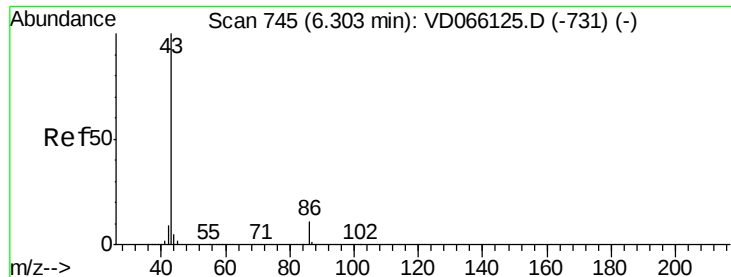
Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	45	Resp:	369326
Ion	Ratio	Lower	Upper
45	100		
43	56.1	41.2	61.8
87	33.1	22.8	34.2
59	13.7	10.2	15.2





#23

Vinyl Acetate

Concen: 246.599 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1116508

Ion Ratio Lower Upper

43 100

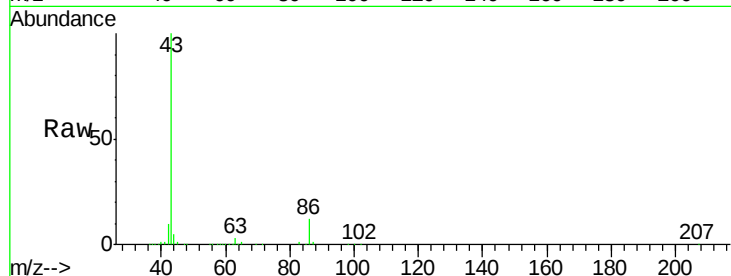
86 12.2 9.1 13.7

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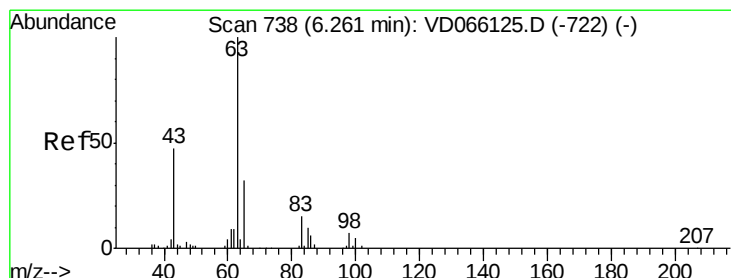
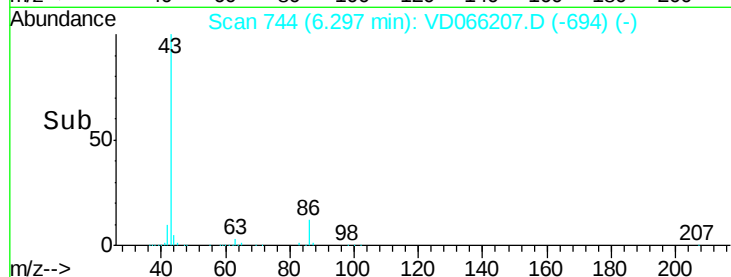
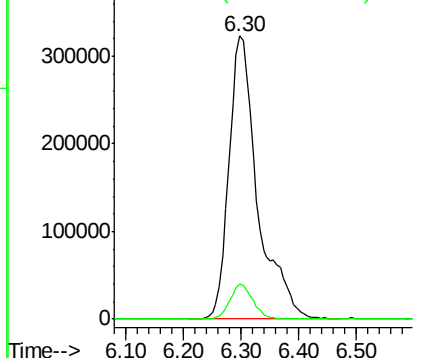
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 47.585 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

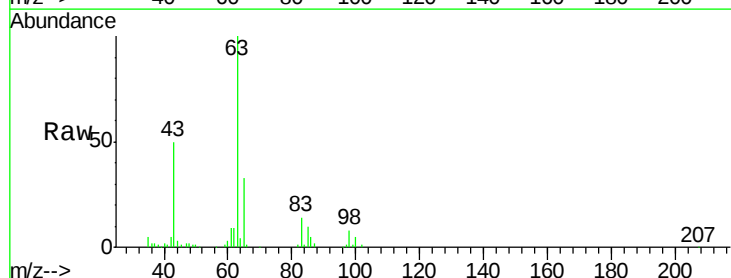
Tgt Ion: 63 Resp: 227590

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.5

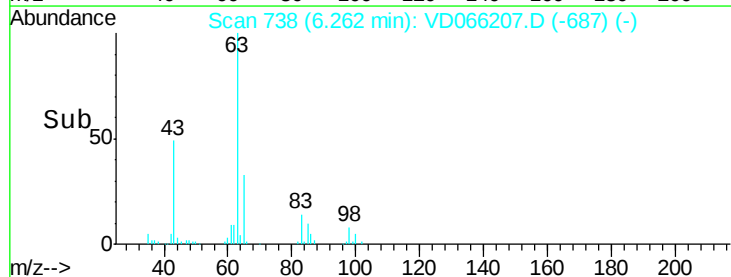
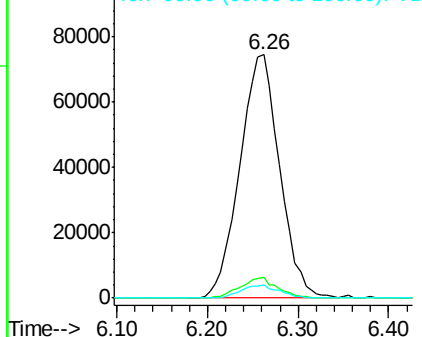
100 5.3 2.4 7.2

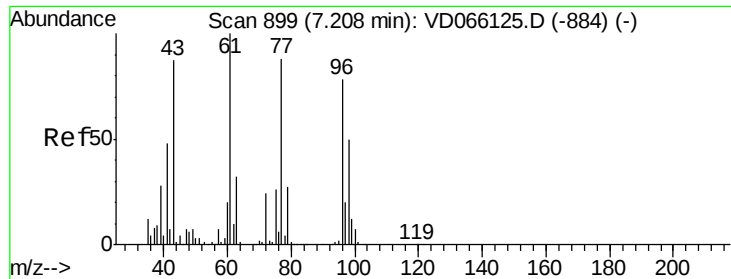


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 246.888 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 179054

Ion Ratio Lower Upper

43 100

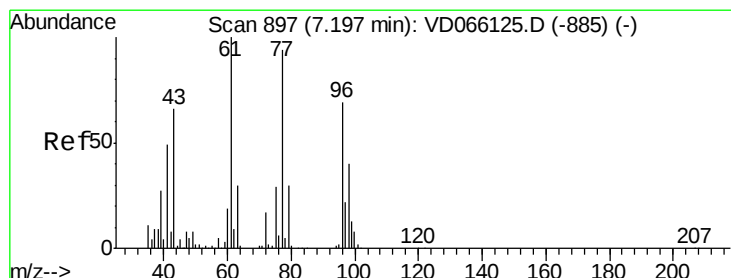
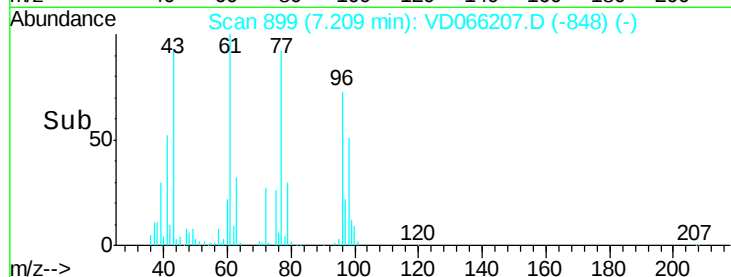
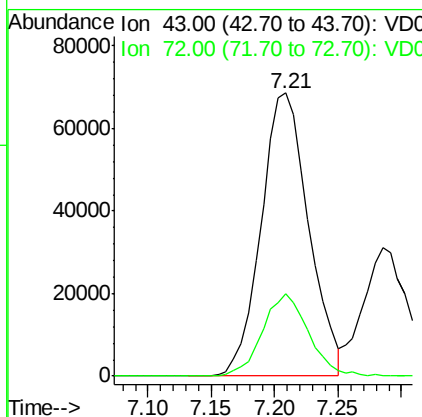
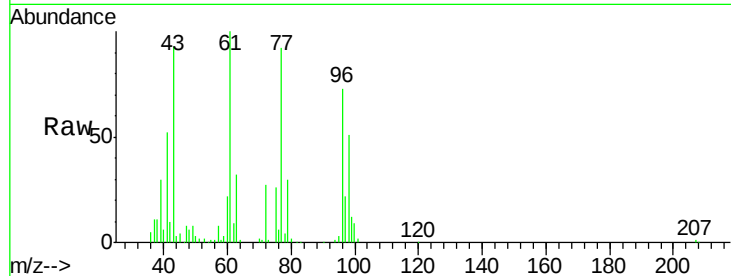
72 29.1 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.071 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066207.D

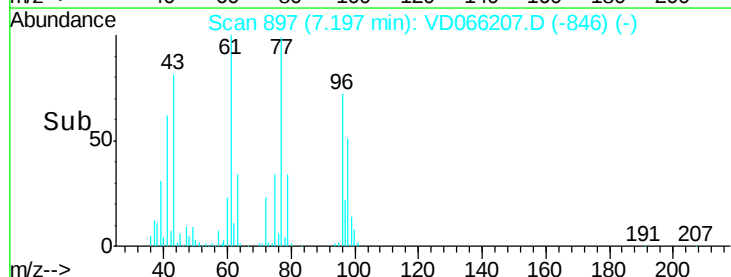
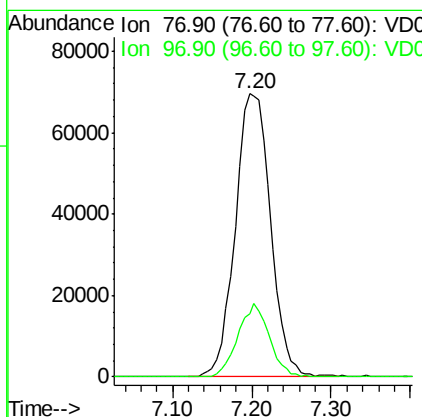
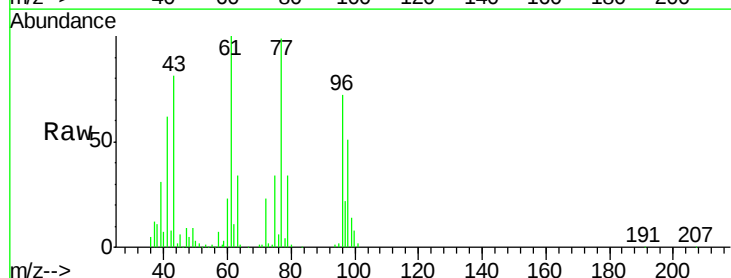
Acq: 12 Aug 2020 16:34

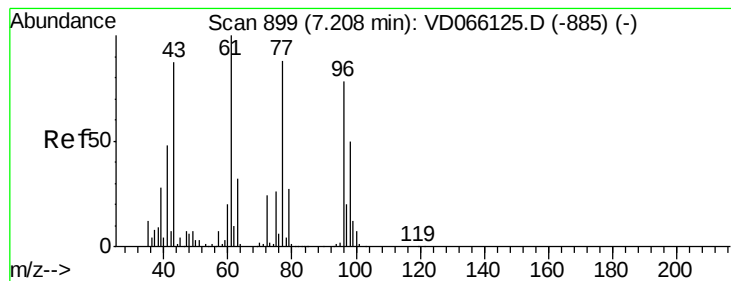
Tgt Ion: 77 Resp: 214640

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3





#27

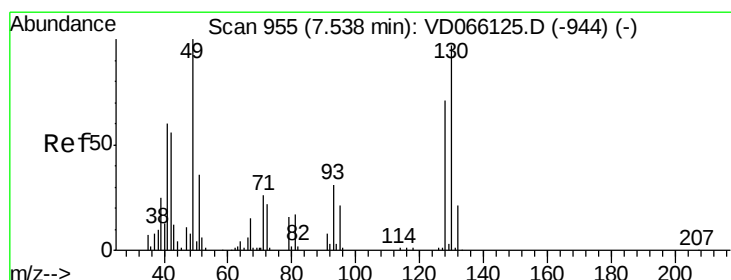
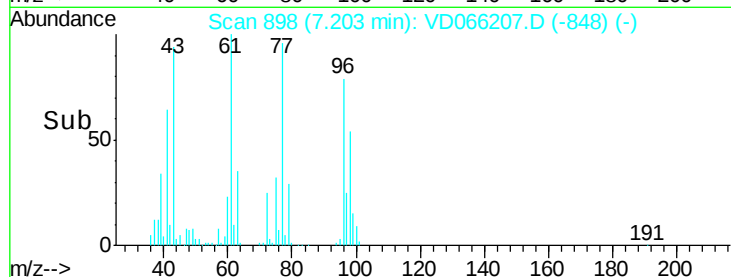
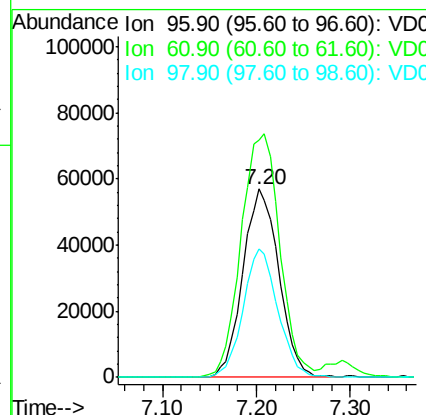
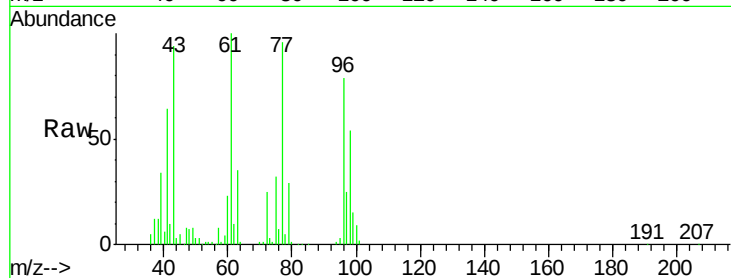
cis-1,2-Dichloroethene
Concen: 48.726 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.8	0.0	281.6	
98	65.9	0.0	130.8	

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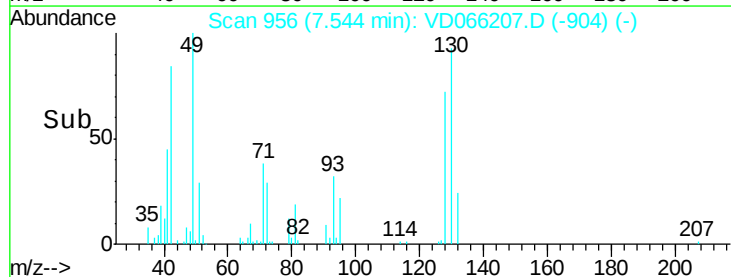
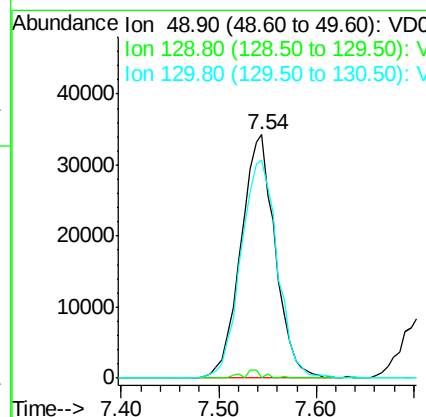
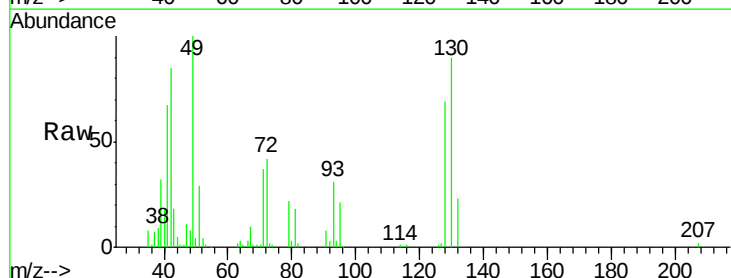
MMDadoda
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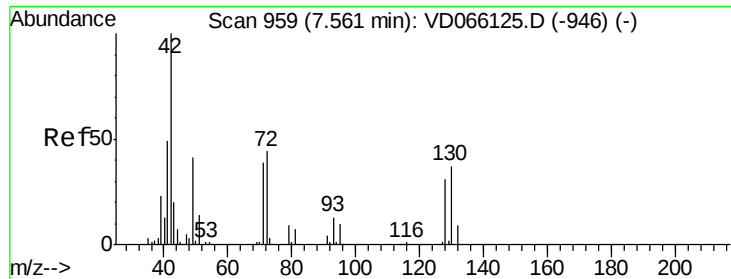


#28

Bromochloromethane
Concen: 50.186 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	6.0	
130	95.3	73.8	110.6	





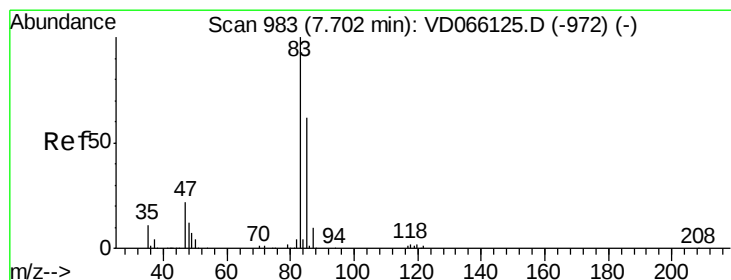
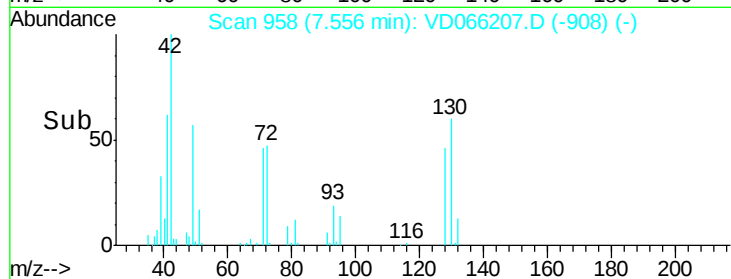
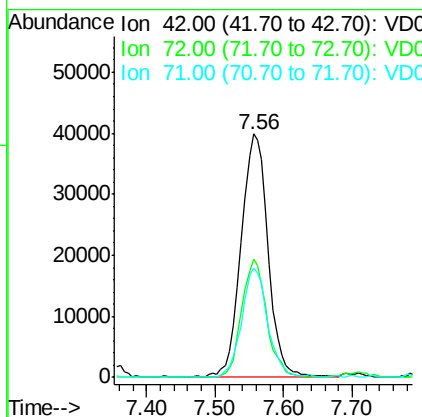
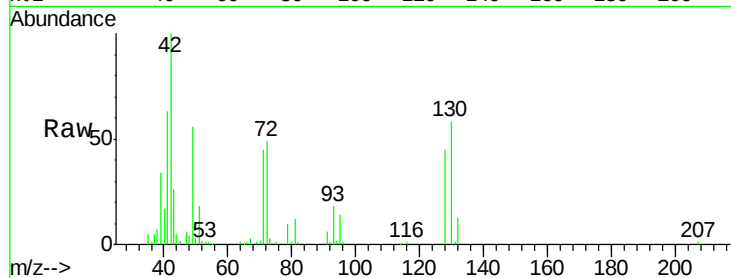
#29
Tetrahydrofuran
Concen: 243.849 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.8	52.2
71	42.7	33.5	50.3

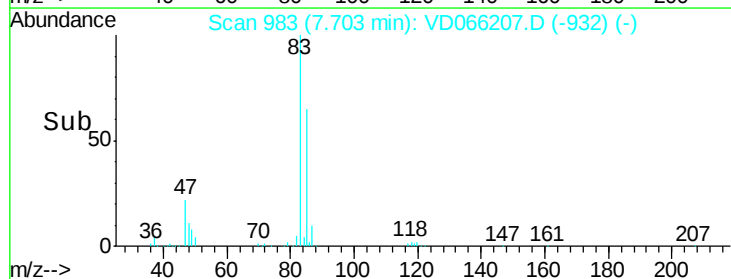
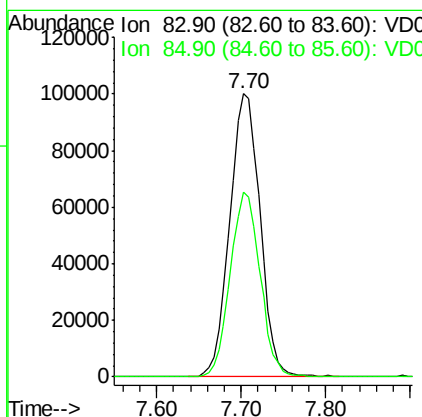
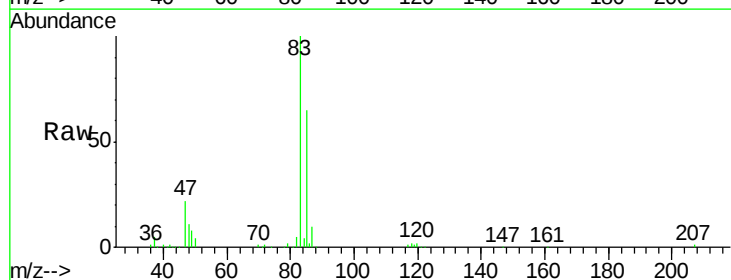
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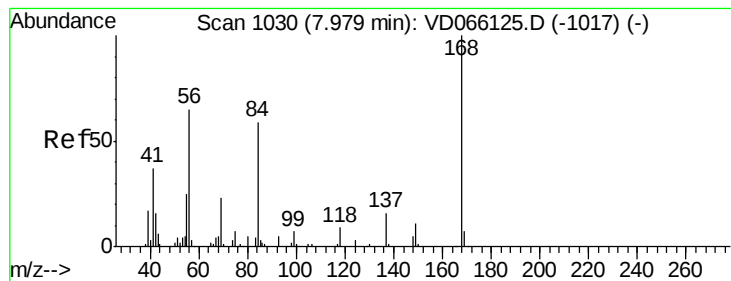
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#30
Chloroform
Concen: 49.402 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.5	74.3





#31

Cyclohexane

Concen: 42.926 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

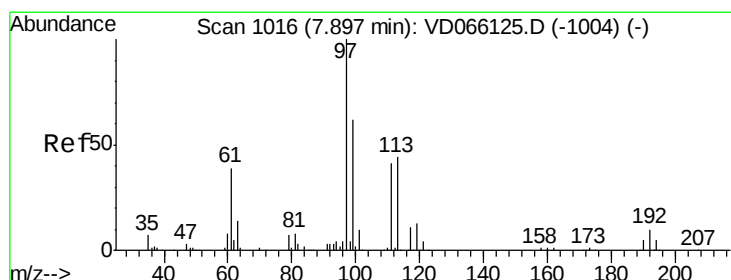
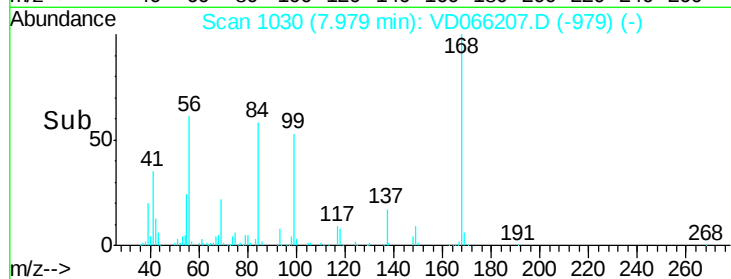
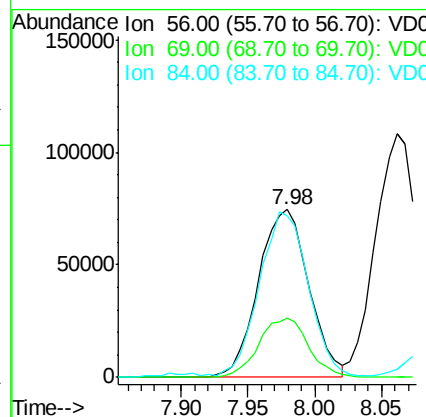
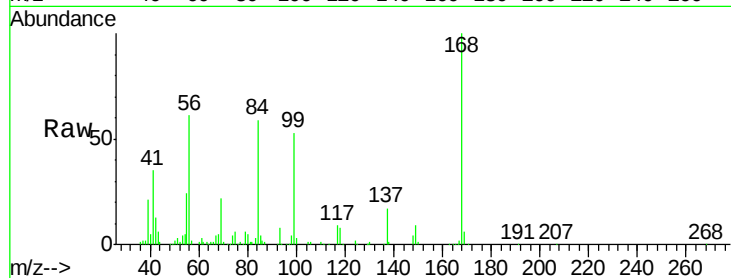
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	195434
Ion	Ratio	Lower	Upper
56	100		
69	35.5	28.8	43.2
84	94.1	73.0	109.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.427 ug/l

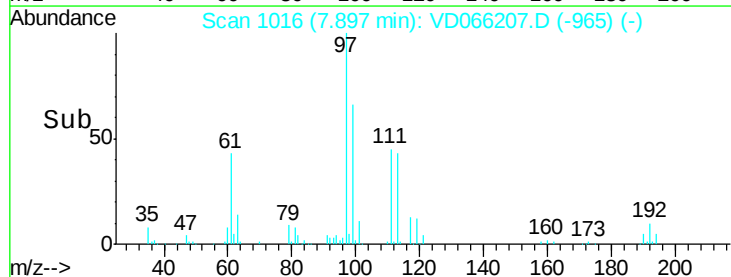
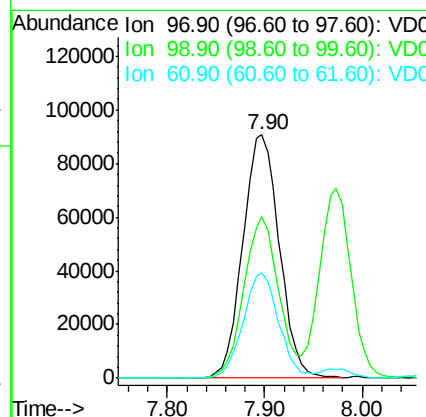
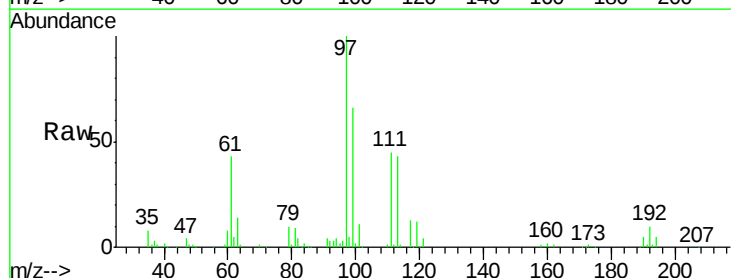
RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	97	Resp:	237451
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	42.1	32.7	49.1





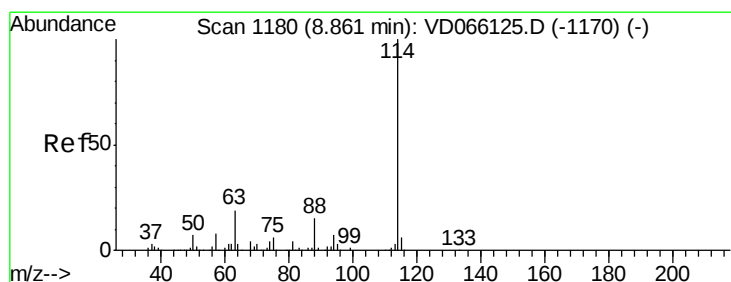
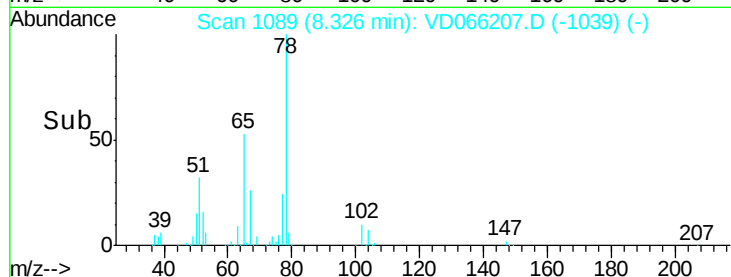
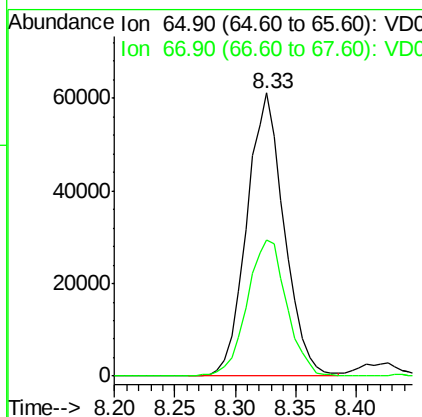
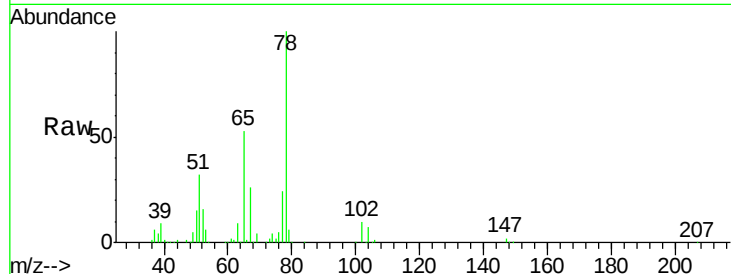
#33
 1,2-Dichloroethane-d4
 Concen: 50.975 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132469		
67	50.9	0.0	104.6	

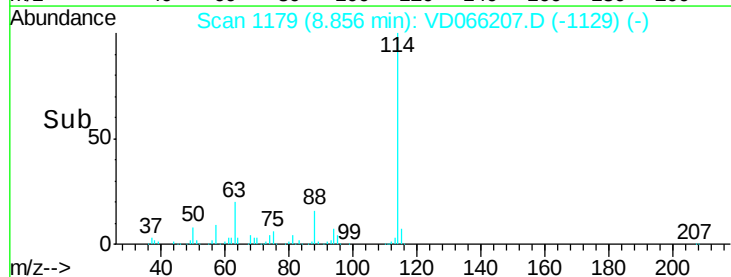
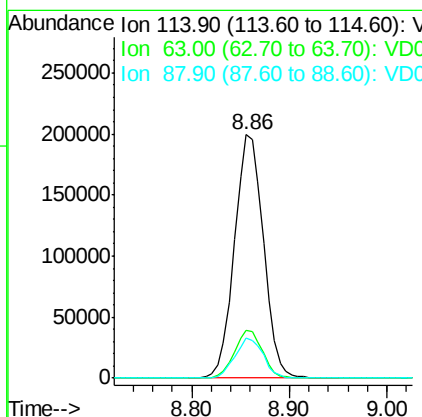
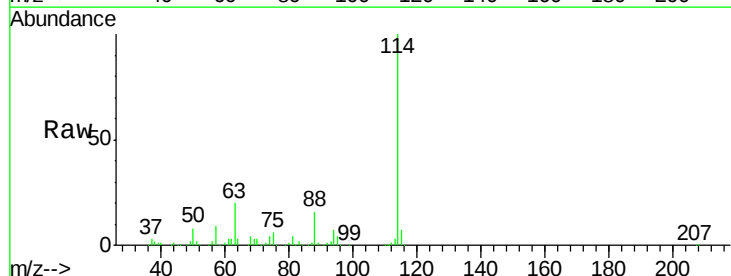
Manual Integrations
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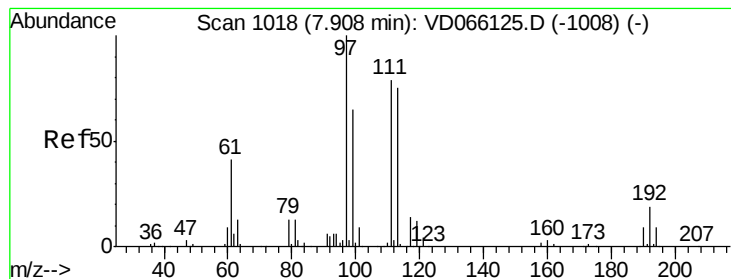
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	413365		
63	19.8	0.0	38.6	
88	16.2	0.0	30.0	





#35

Dibromofluoromethane

Concen: 51.872 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

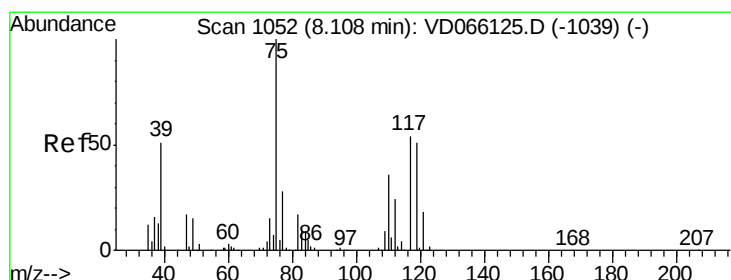
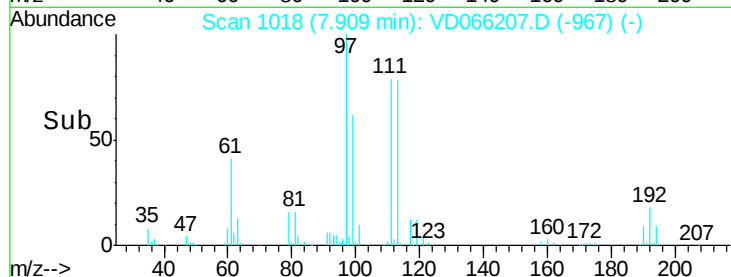
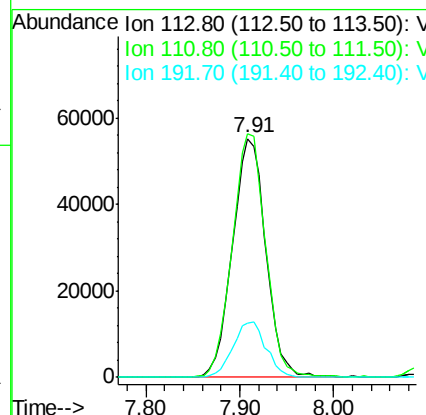
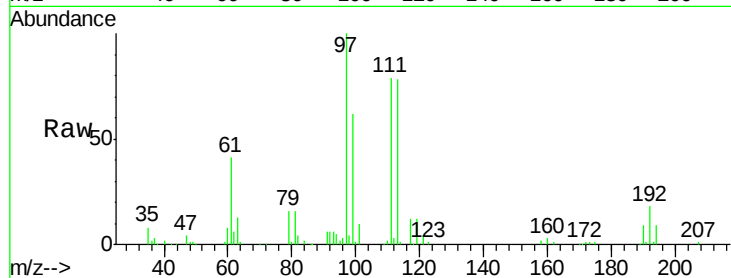
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	135834
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	22.9	18.4	27.6

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#36

1,1-Dichloropropene

Concen: 48.891 ug/l

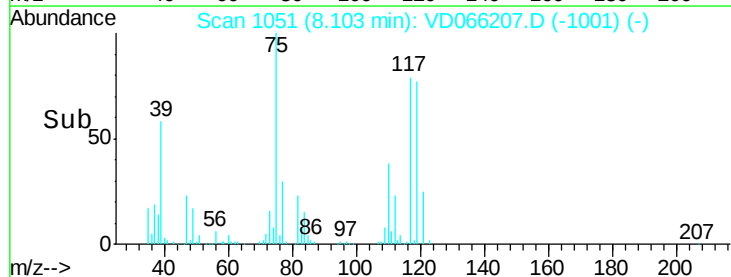
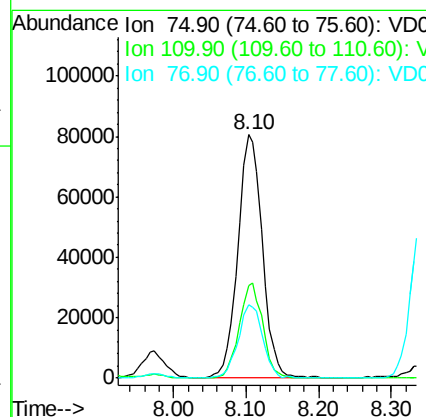
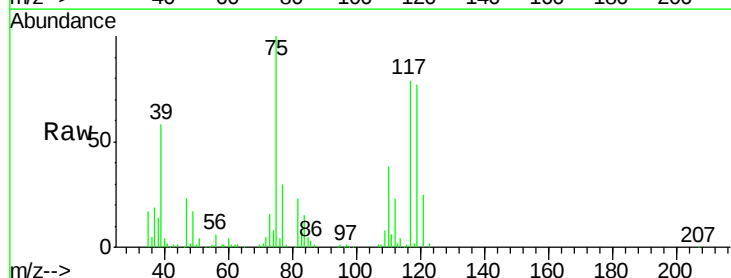
RT: 8.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	75	Resp:	189912
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.8	56.3
77	30.3	24.2	36.2





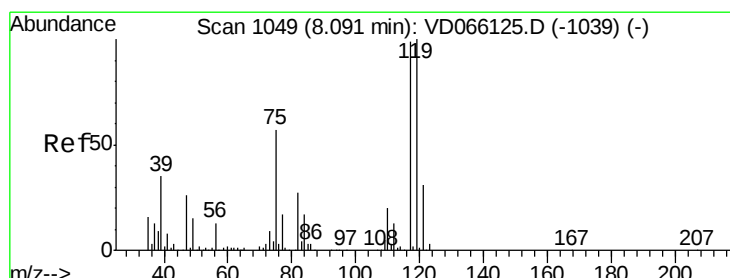
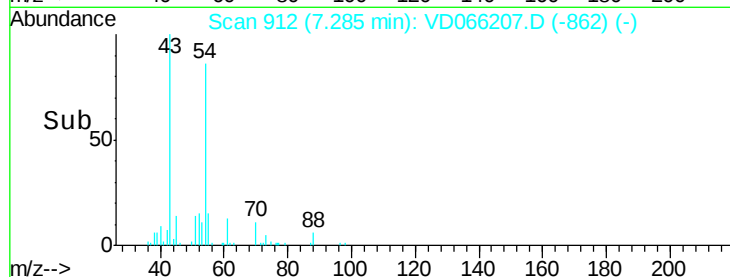
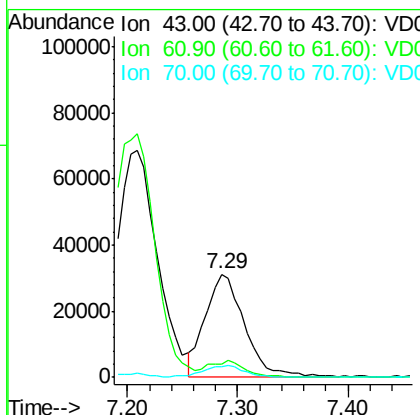
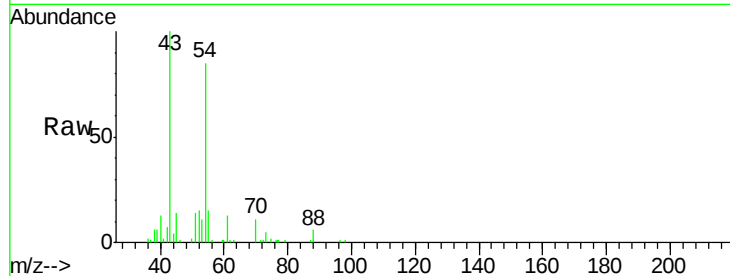
#37
Ethyl Acetate
Concen: 49.211 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.0	18.0
70	12.1	9.7	14.5

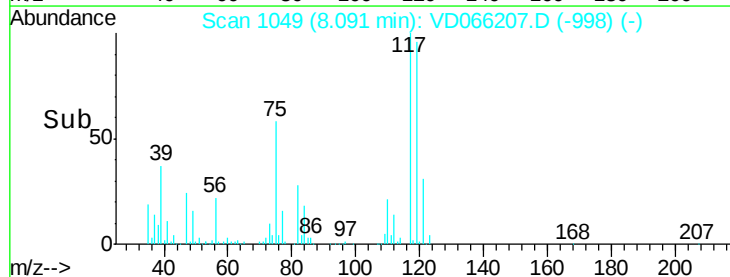
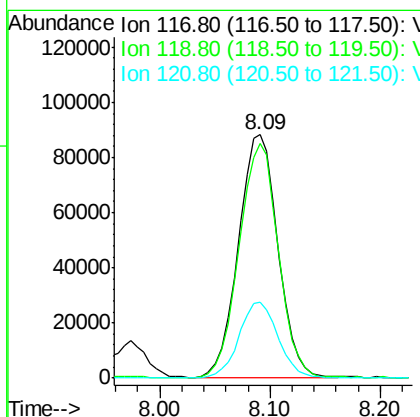
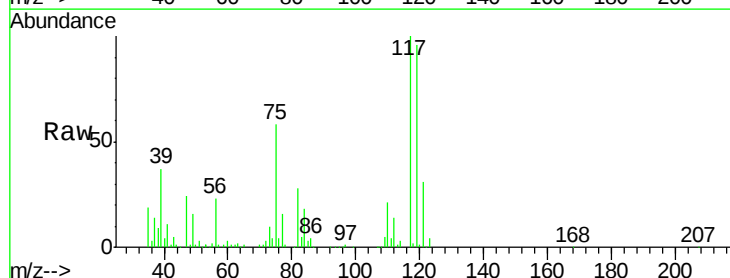
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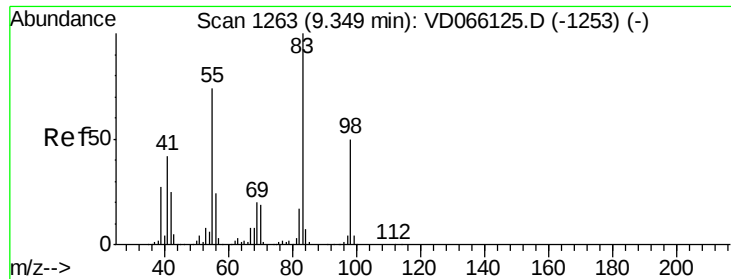
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#38
Carbon Tetrachloride
Concen: 50.920 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	81.0	121.4
121	31.1	24.8	37.2





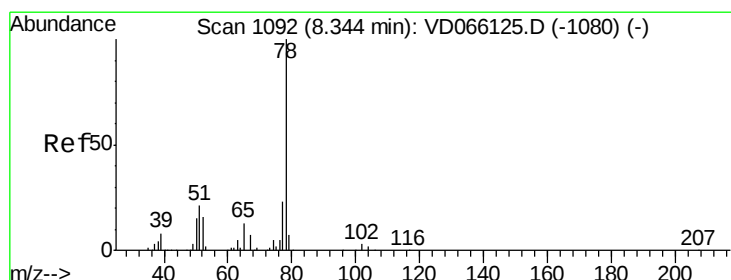
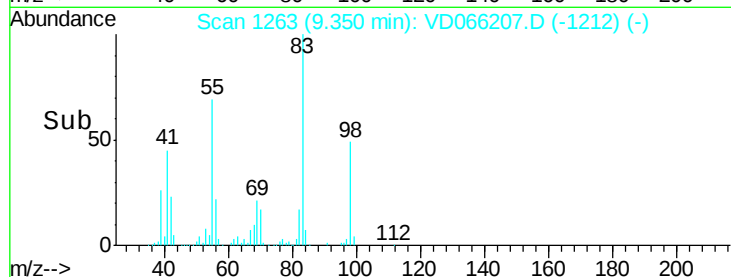
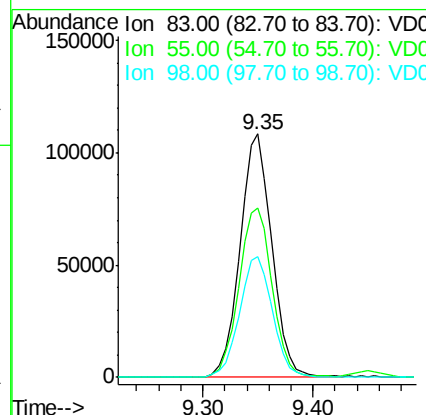
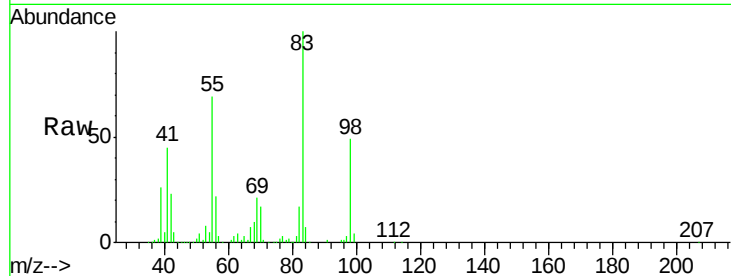
#39
Methylvlcvclohexane
Concen: 46.827 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	219882		
55	69.4		59.2	88.8
98	49.4		39.8	59.6

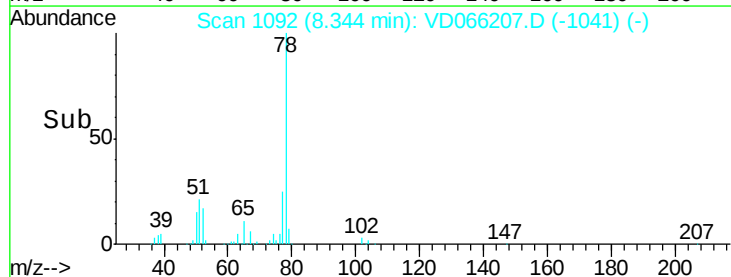
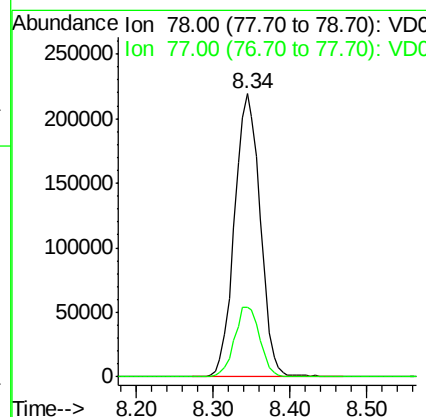
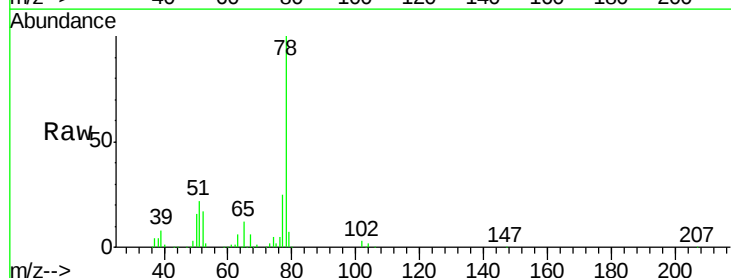
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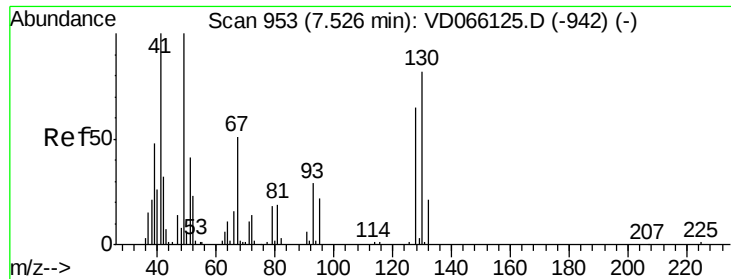
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#40
Benzene
Concen: 47.580 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	512704		
77	24.8		18.6	27.8





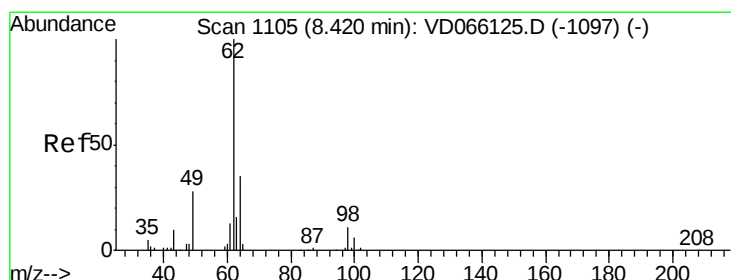
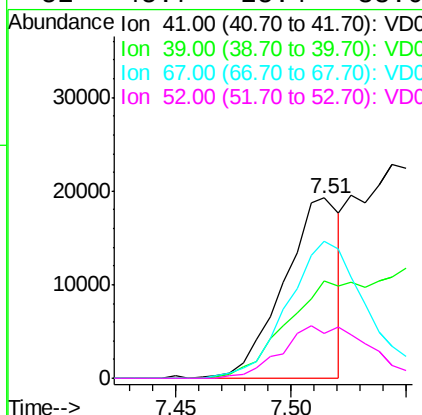
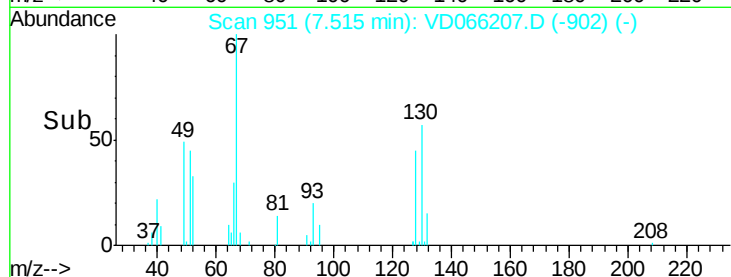
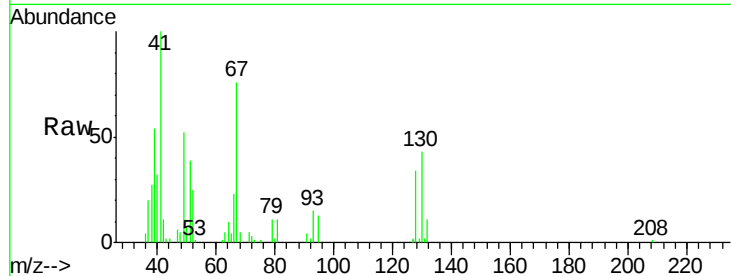
#41
Methacrylonitrile
Concen: 36.138 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.7	47.5	71.3#
67	106.8	59.1	88.7#
52	45.7	25.4	38.0#

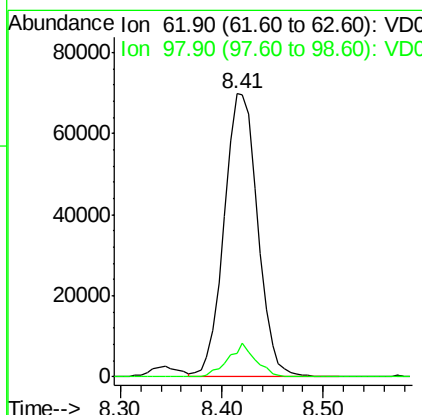
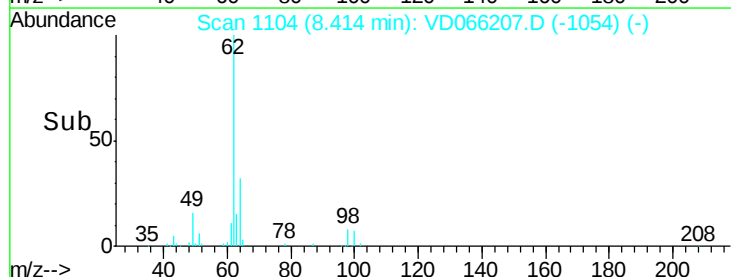
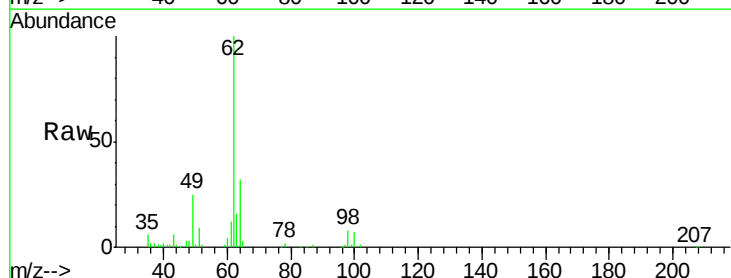
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 50.686 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4





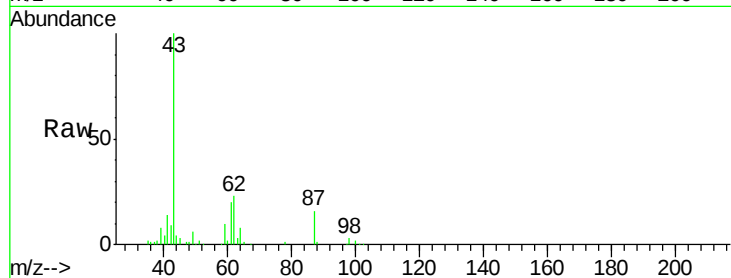
#43
Isopropyl Acetate
Concen: 48.939 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

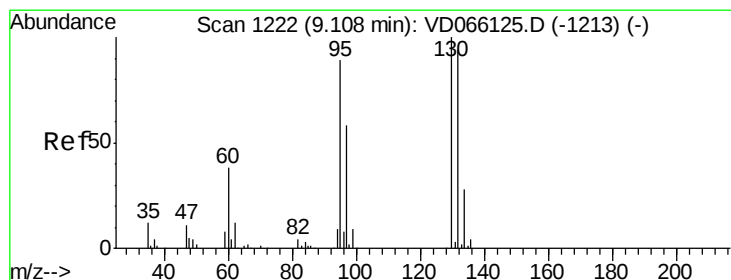
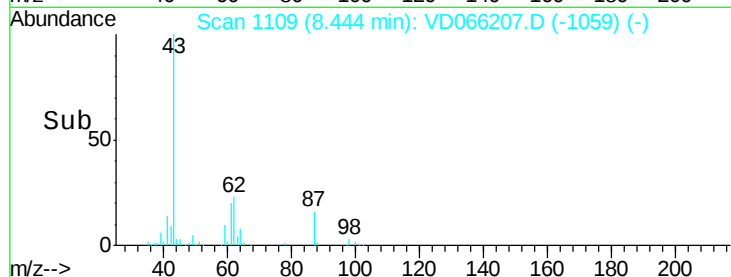
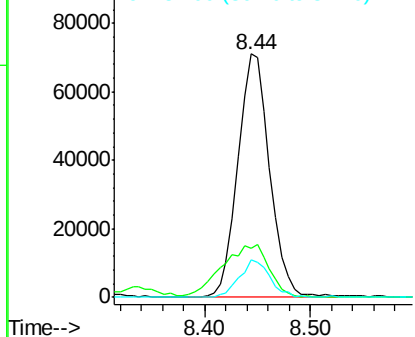
Tot Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.5	38.3
87	14.8	11.2	16.8

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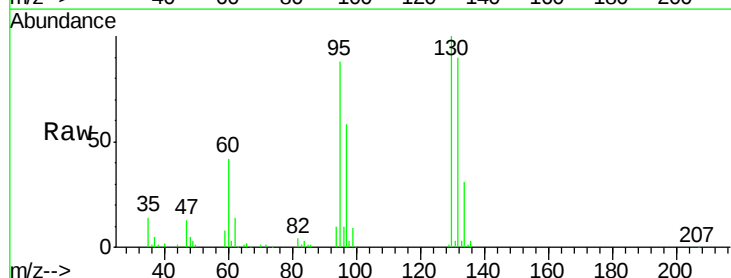


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

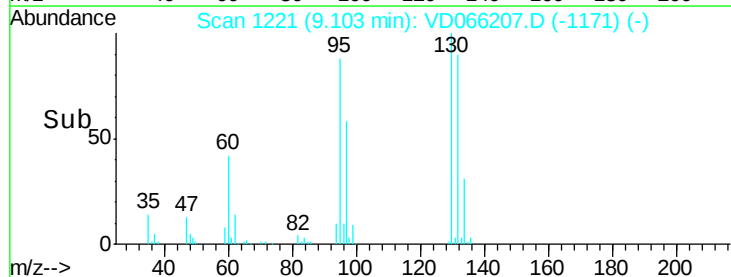
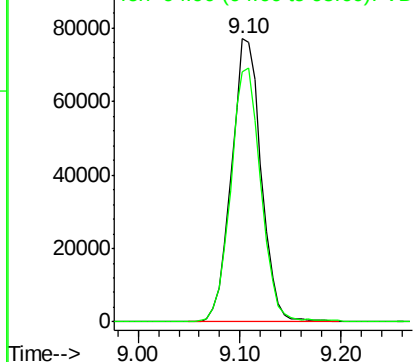


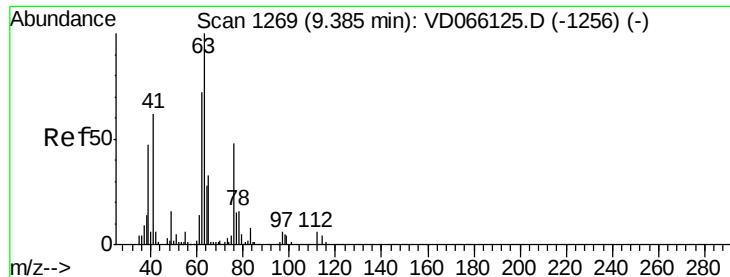
#44
Trichloroethene
Concen: 48.113 ug/l
RT: 9.10 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





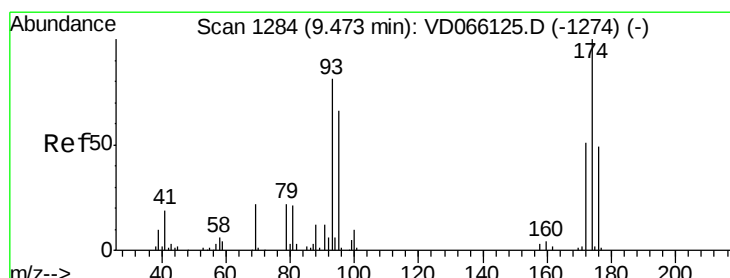
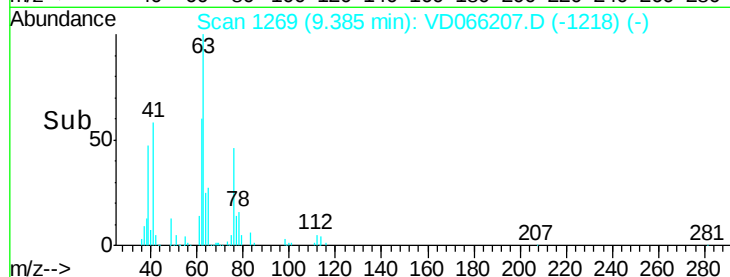
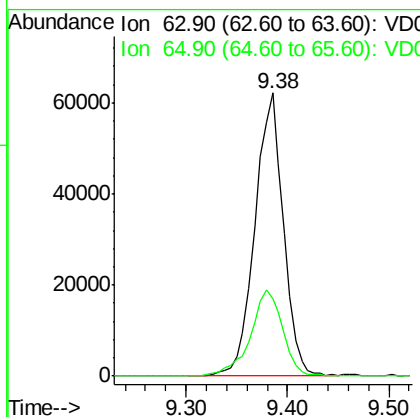
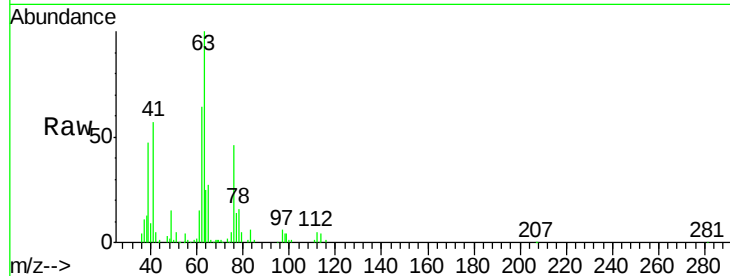
#45
 1,2-Dichloropropane
 Concen: 46.439 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.1	26.5	39.7

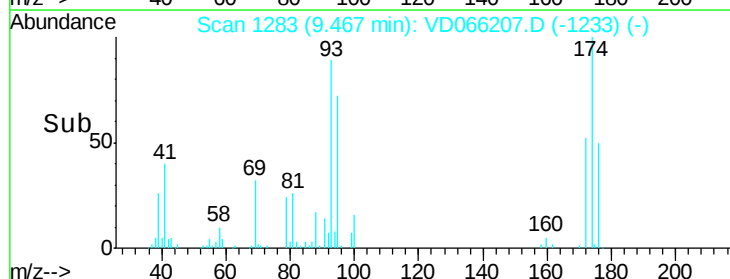
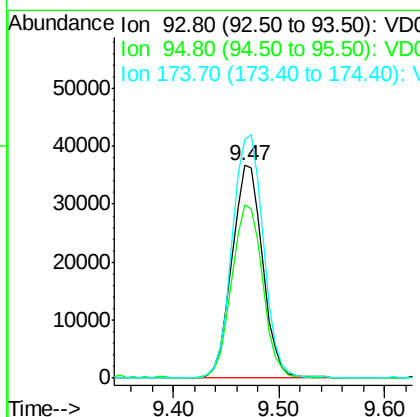
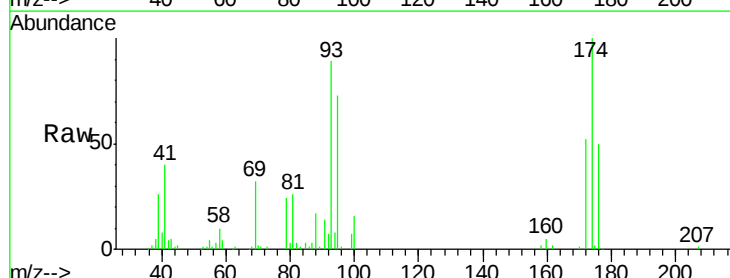
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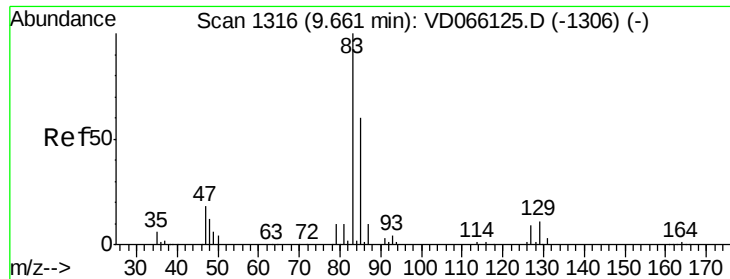
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#46
 Dibromomethane
 Concen: 50.628 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.8	98.6
174	116.6	92.8	139.2





#47

Bromodichloromethane

Concen: 50.839 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

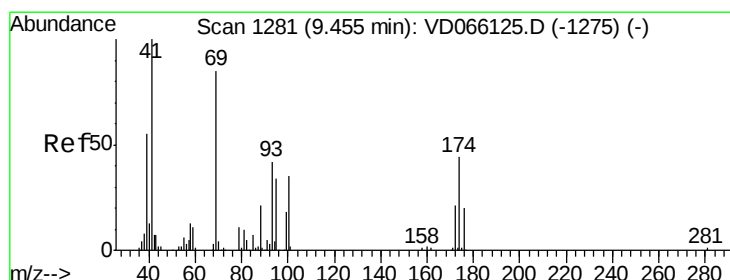
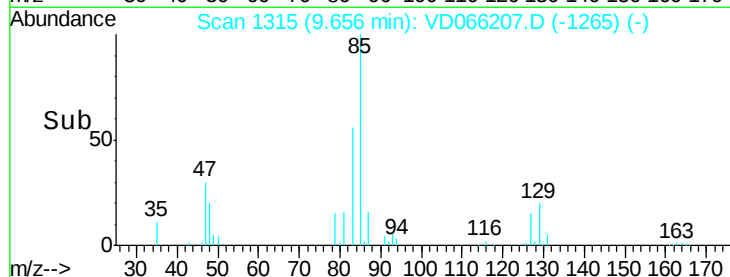
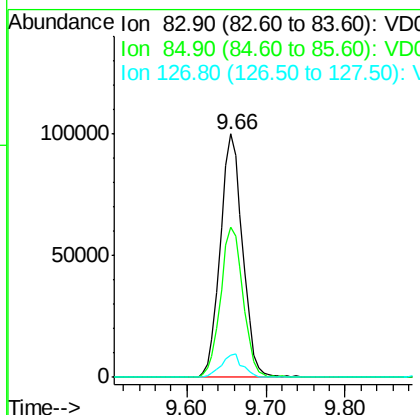
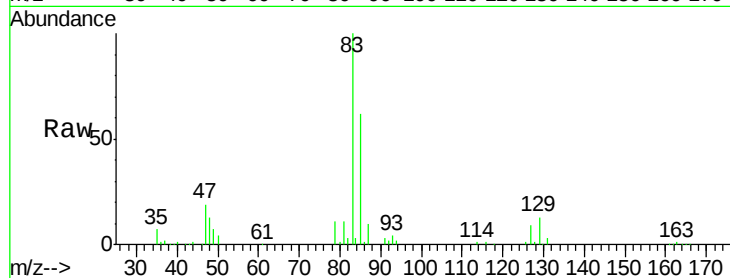
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	195054
Ion Ratio	Lower	Upper	
83	100		
85	61.9	48.2	72.4
127	9.3	7.3	10.9

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#48

Methyl methacrylate

Concen: 51.429 ug/l

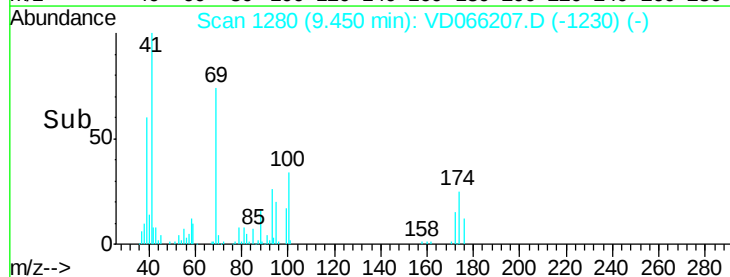
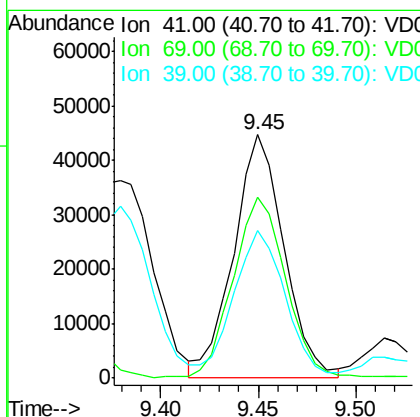
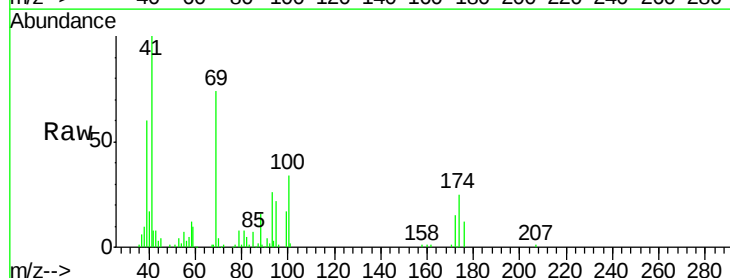
RT: 9.45 min Scan# 1280

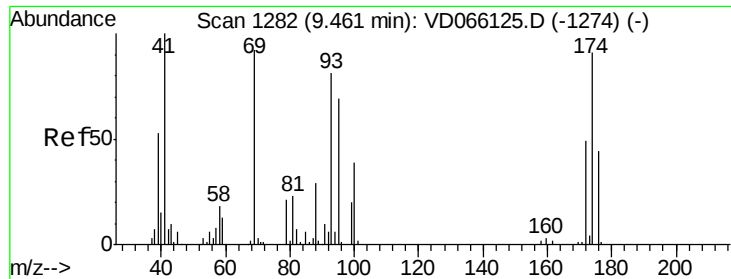
Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	41	Resp:	79632
Ion Ratio	Lower	Upper	
41	100		
69	78.7	63.9	95.9
39	57.9	42.6	64.0





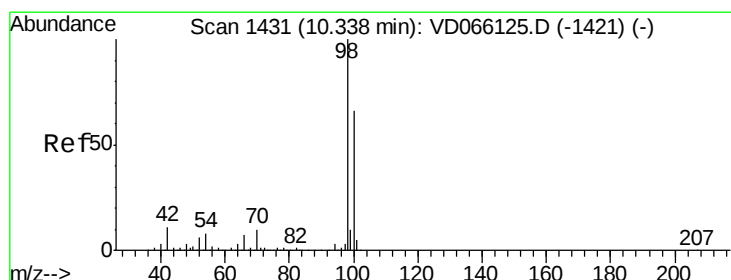
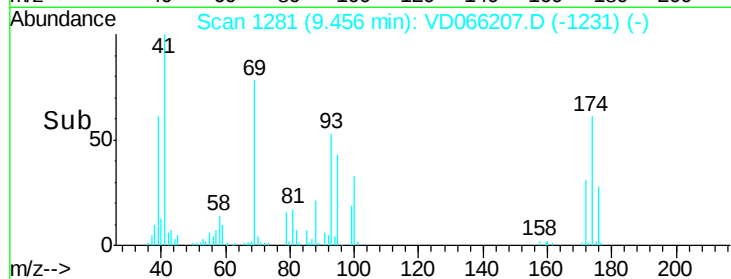
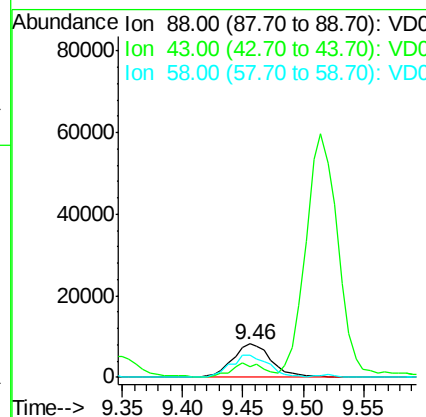
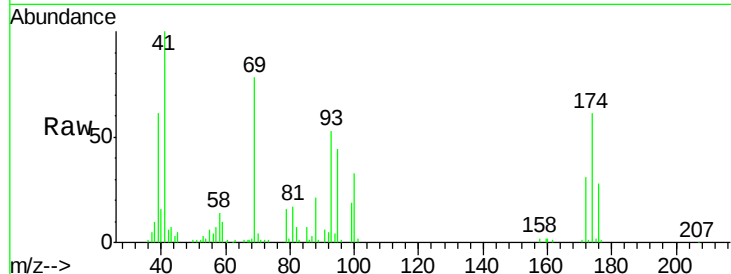
#49
1,4-Dioxane
Concen: 986.373 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	27.5	41.3
58	65.4	50.2	75.4

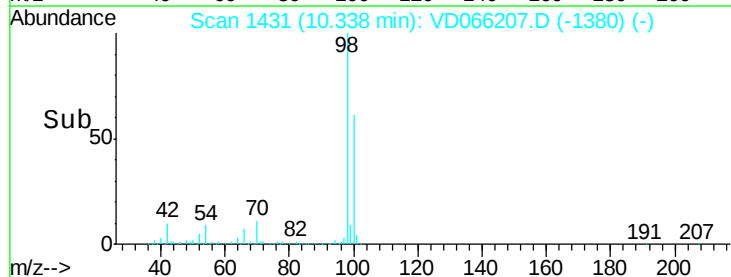
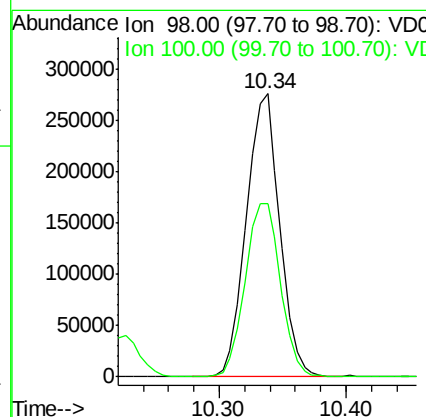
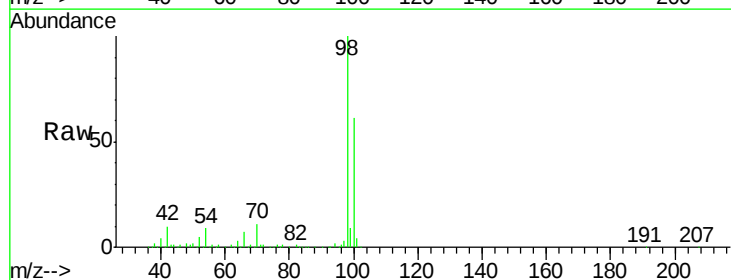
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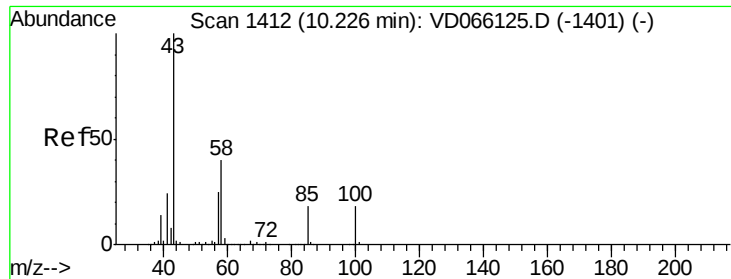
MMDadoda
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#50
Toluene-d8
Concen: 52.346 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8





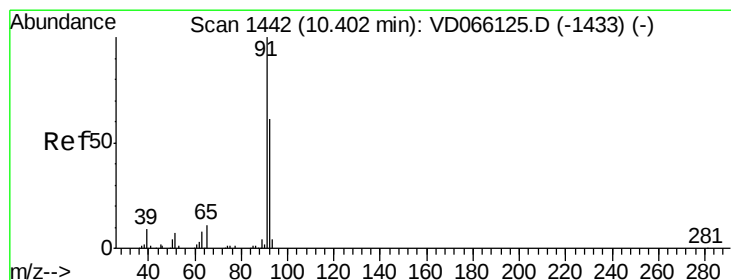
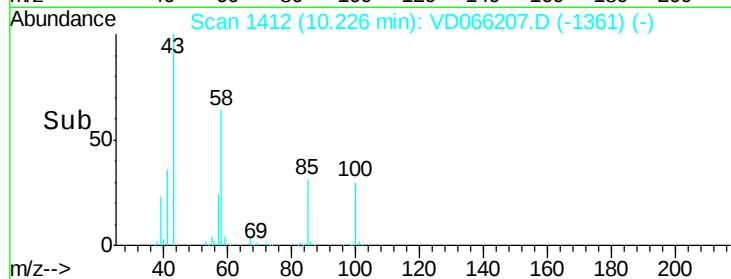
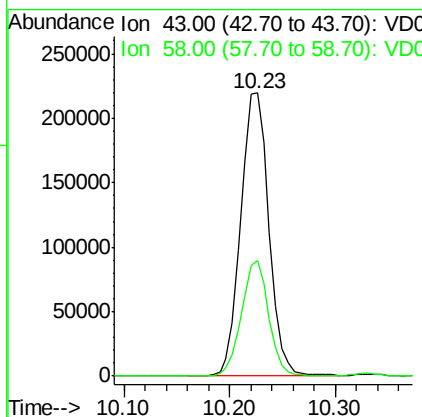
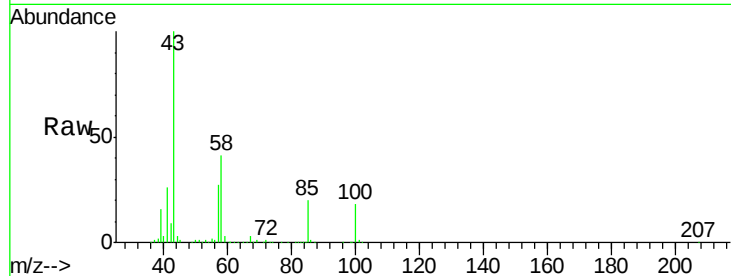
#51
4-Methyl-2-Pentanone
Concen: 261.607 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	407480
Ion Ratio	100	Lower	Upper
43	100		
58	39.4	31.1	46.7

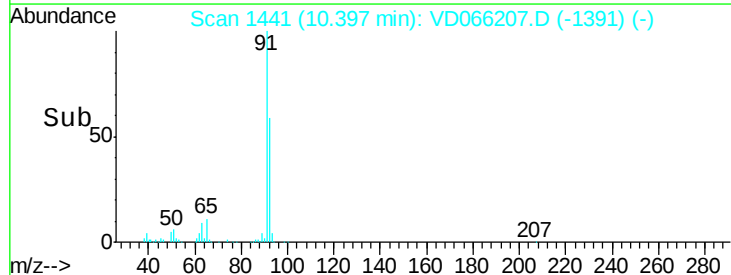
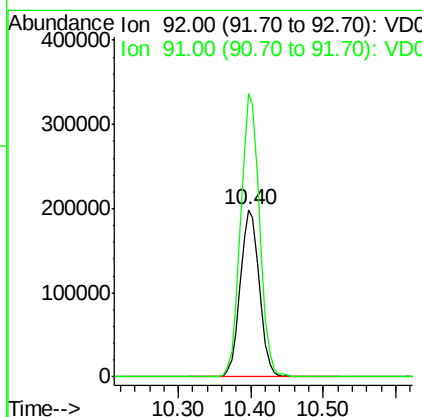
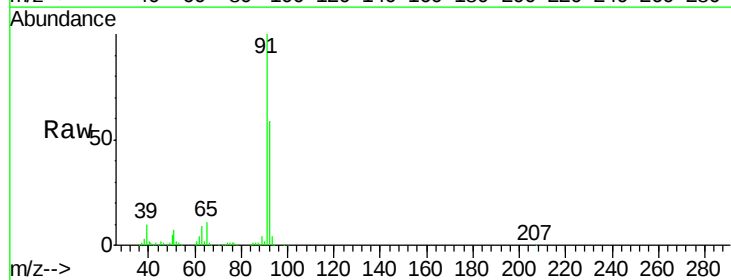
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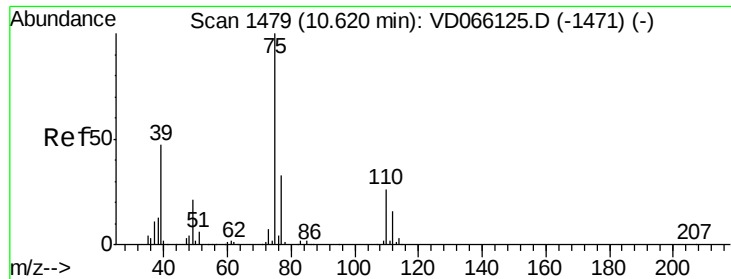
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#52
Toluene
Concen: 51.114 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	92	Resp	362425
Ion Ratio	100	Lower	Upper
92	100		
91	167.8	135.2	202.8





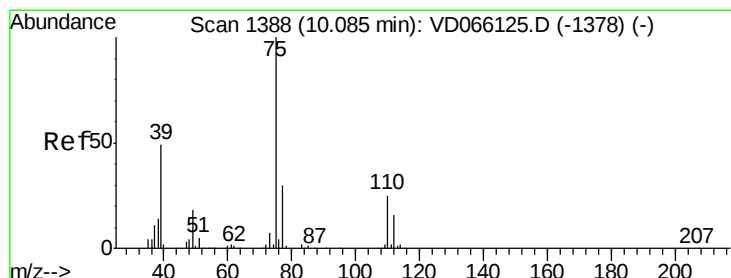
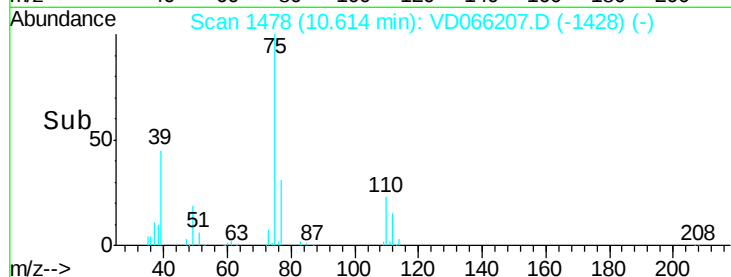
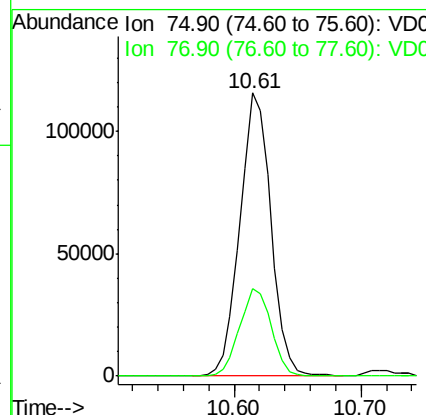
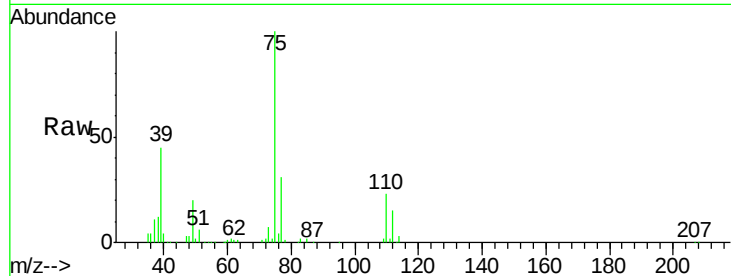
#53
t-1,3-Dichloropropene
Concen: 53.829 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2

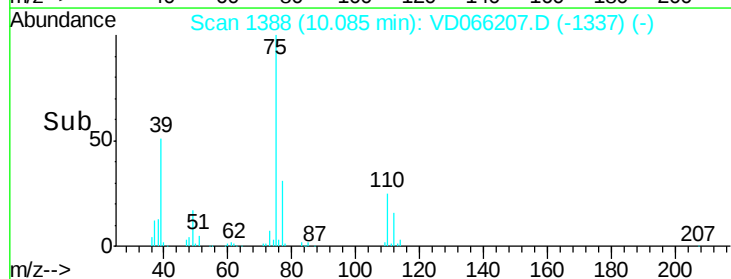
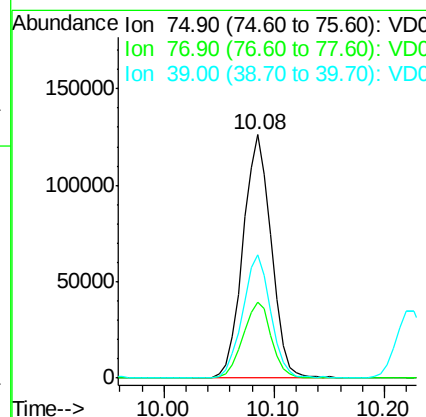
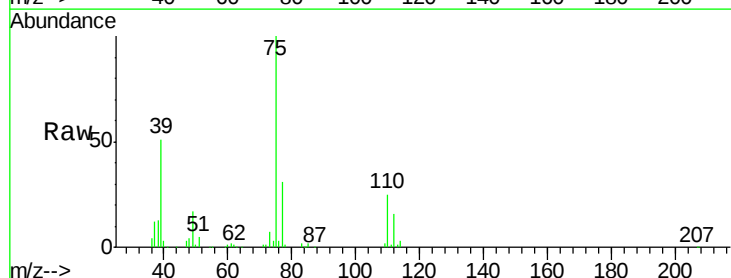
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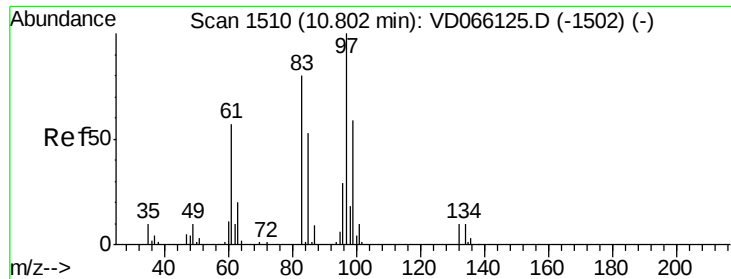
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#54
cis-1,3-Dichloropropene
Concen: 53.332 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.3	36.5
39	50.7	39.3	58.9





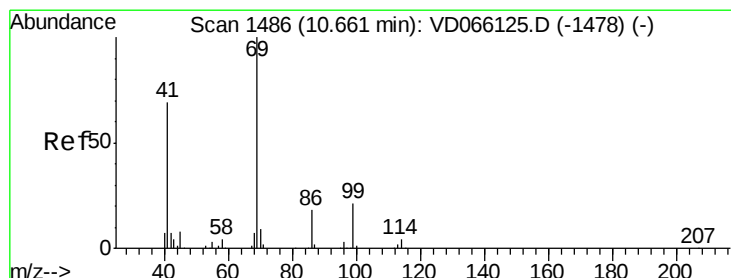
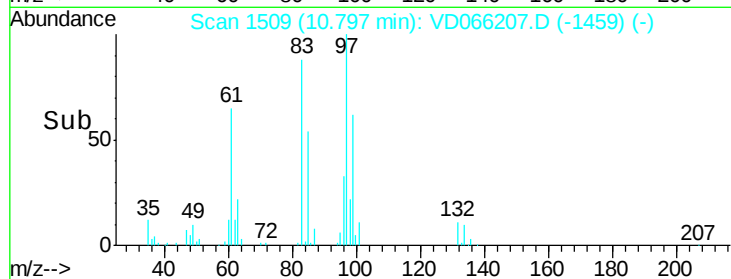
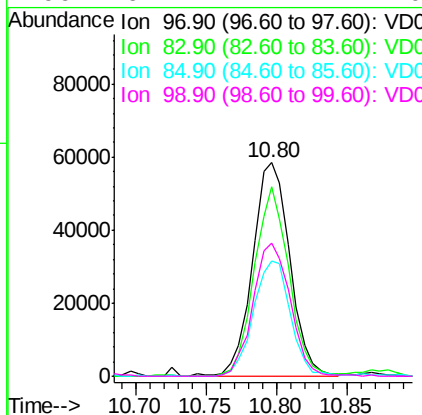
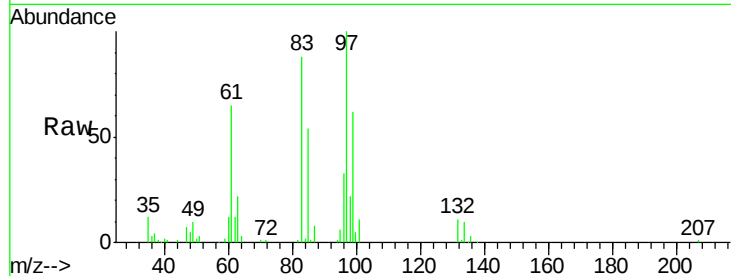
#55
 1,1,2-Trichloroethane
 Concen: 51.916 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	108521
Ion	Ratio	Lower	Upper
97	100		
83	88.5	63.9	95.9
85	53.9	42.5	63.7
99	62.4	47.4	71.0

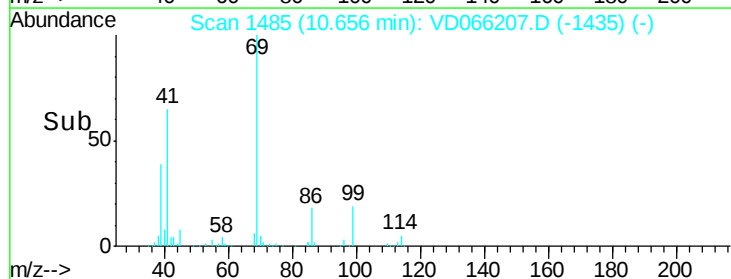
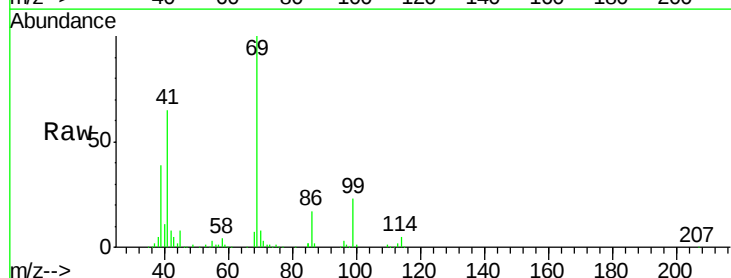
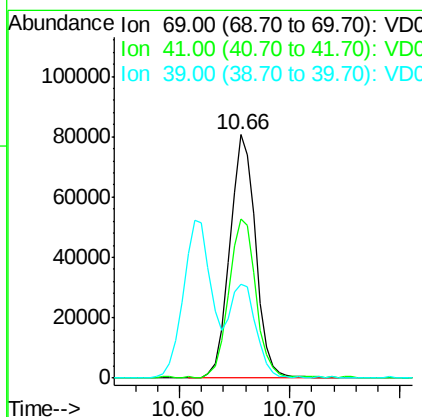
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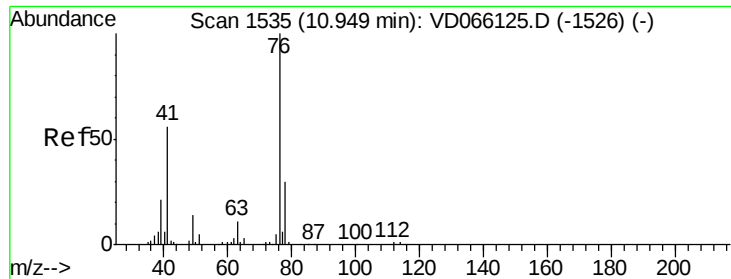
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#56
 Ethyl methacrylate
 Concen: 52.877 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion:	69	Resp:	132777
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.1	81.1
39	39.2	28.6	43.0





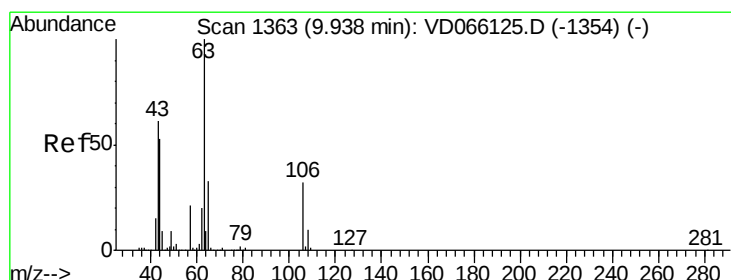
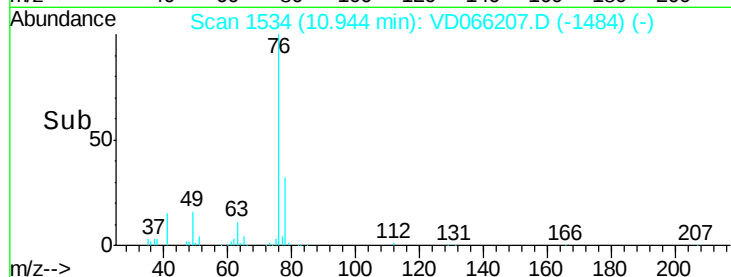
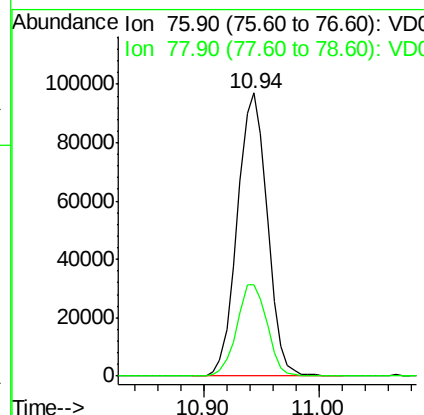
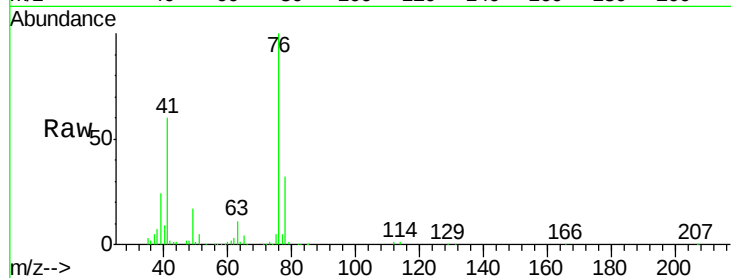
#57
 1,3-Dichloropropane
 Concen: 50.278 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.5	38.3

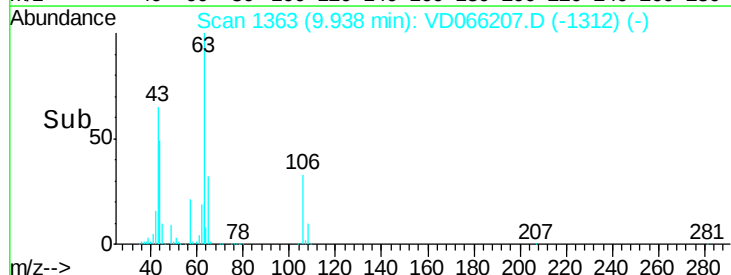
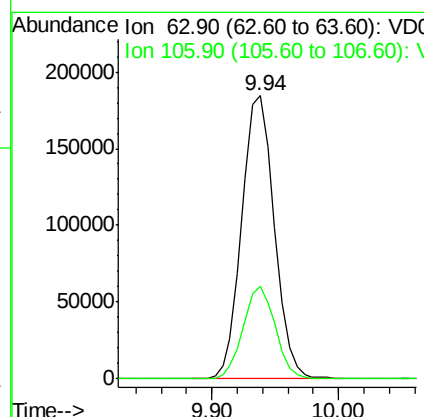
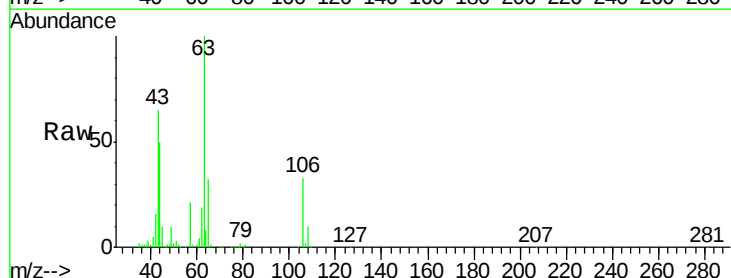
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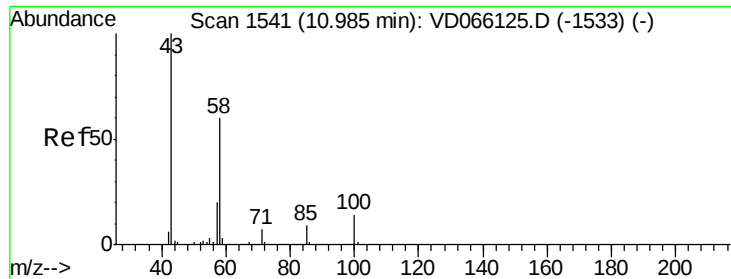
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#58
 2-Chloroethyl Vinyl ether
 Concen: 291.933 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.7	25.3	37.9





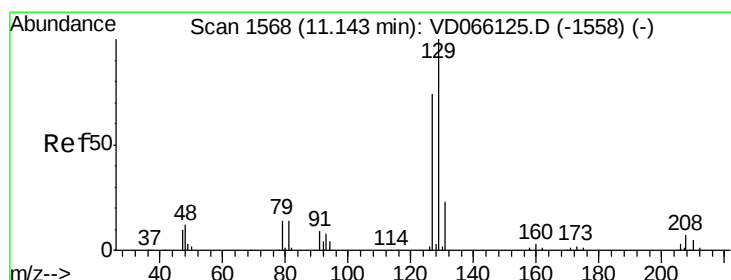
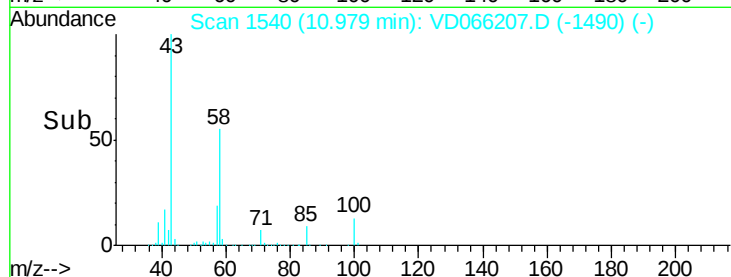
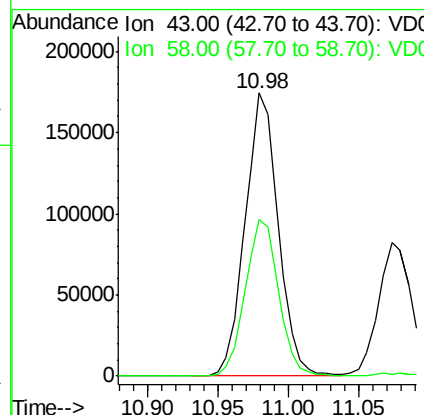
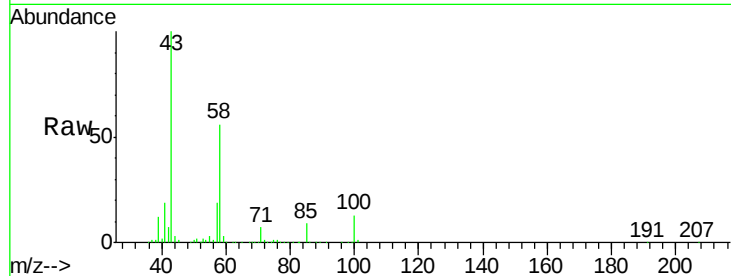
#59
2-Hexanone
Concen: 262.736 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	27.8	83.4

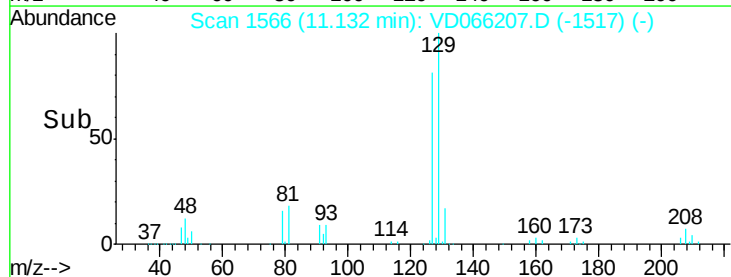
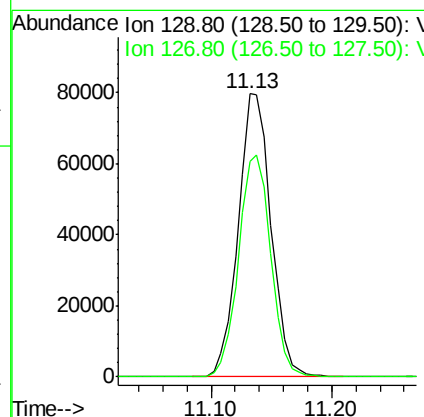
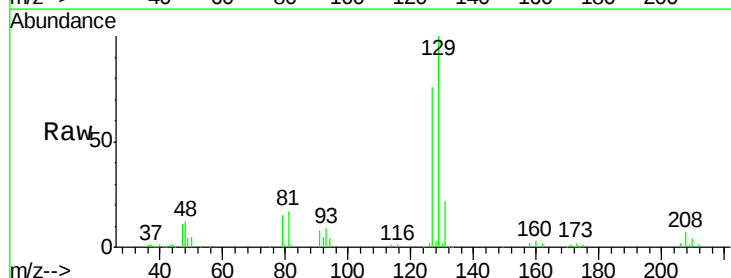
Manual Integrations
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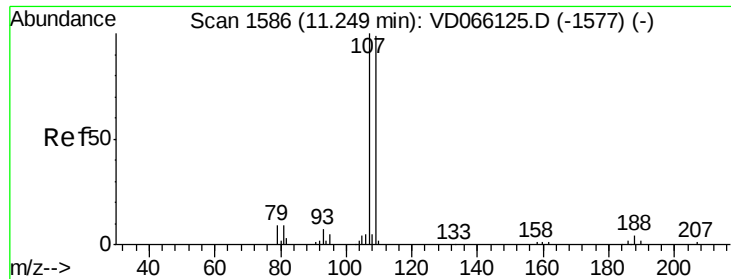
MMDadoda
8/13/2020 4:21:06 PM



#60
Dibromochloromethane
Concen: 52.214 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.0	114.1





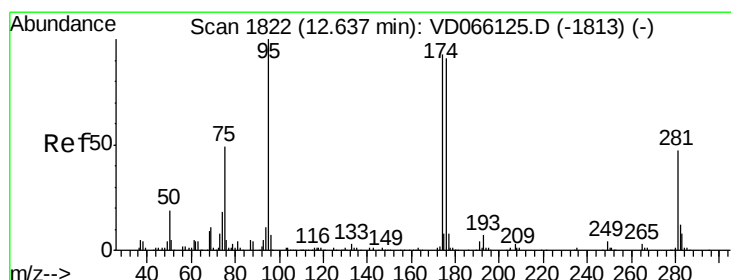
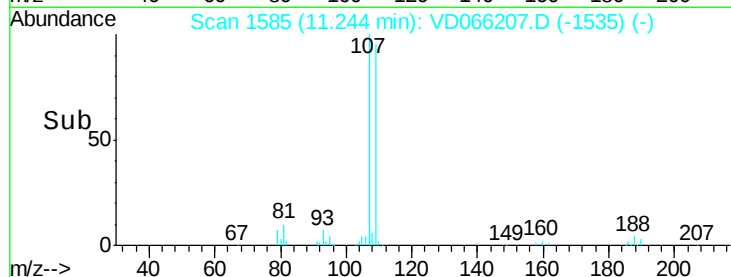
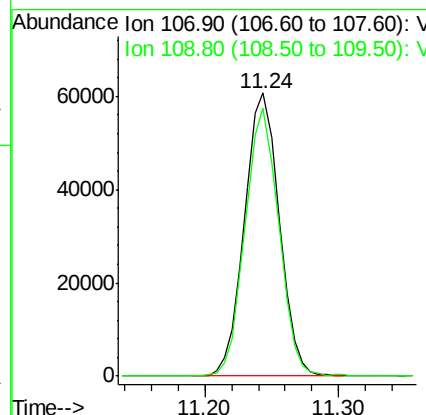
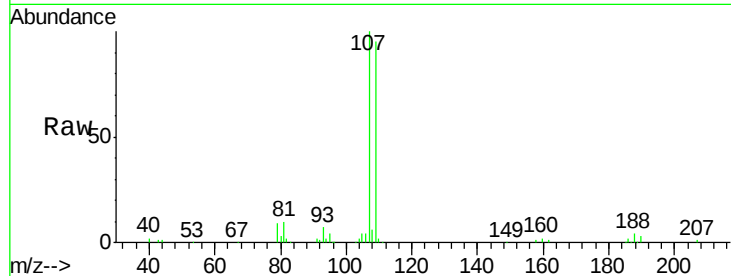
#61
 1,2-Dibromoethane
 Concen: 54.525 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.9	76.5	114.7

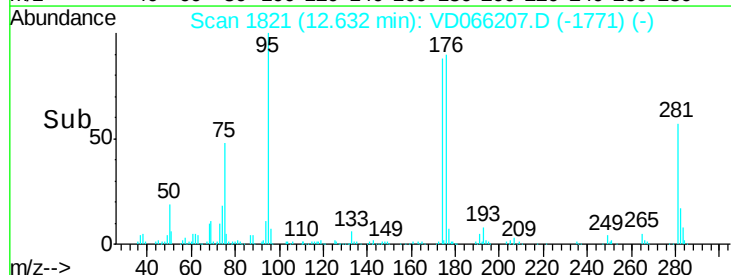
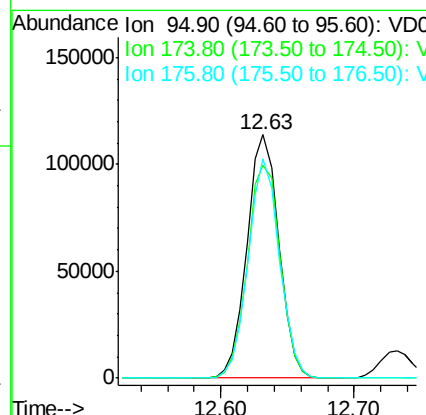
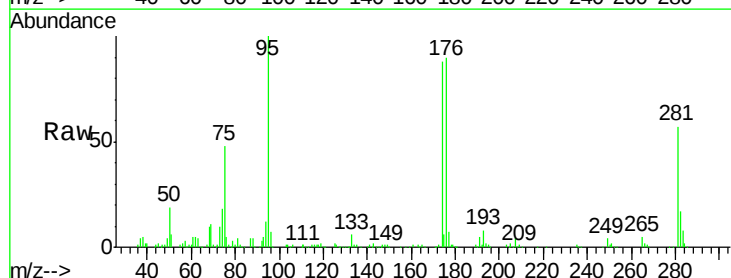
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 53.831 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	180.8
176	88.3	0.0	181.2





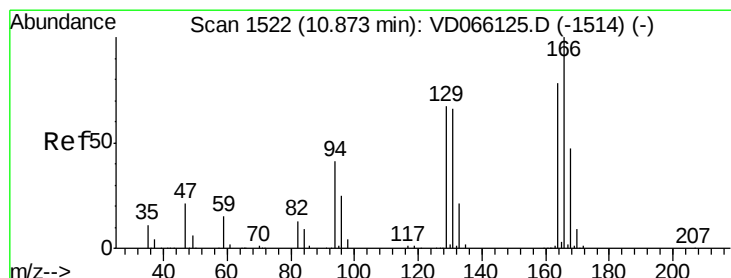
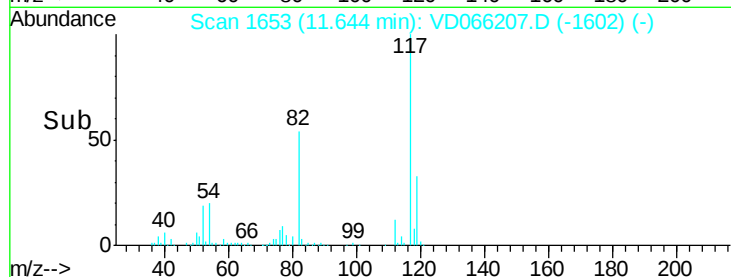
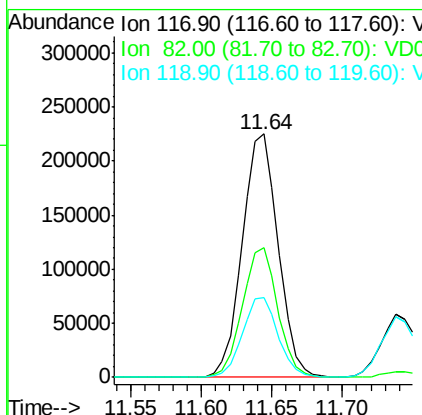
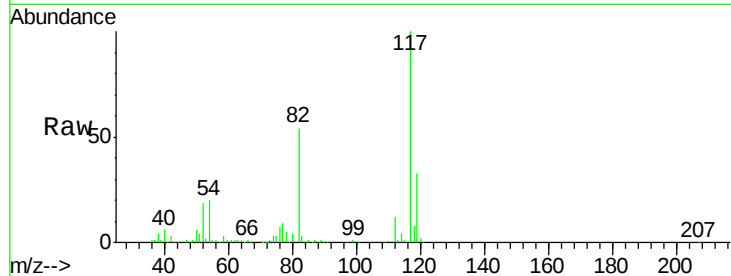
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	400826		
82	53.5		43.0	64.4
119	33.0		26.1	39.1

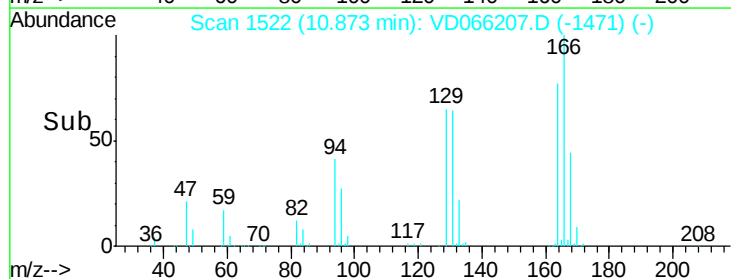
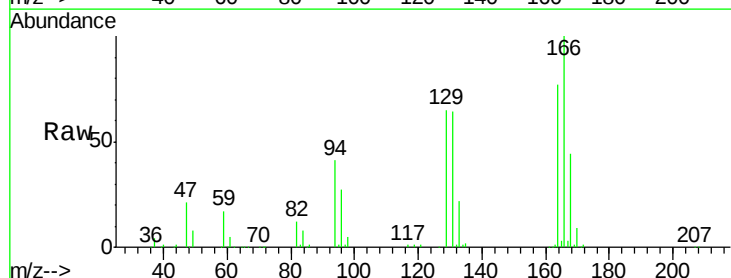
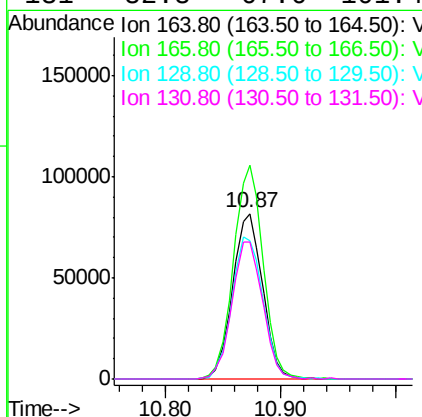
Manual Integrations
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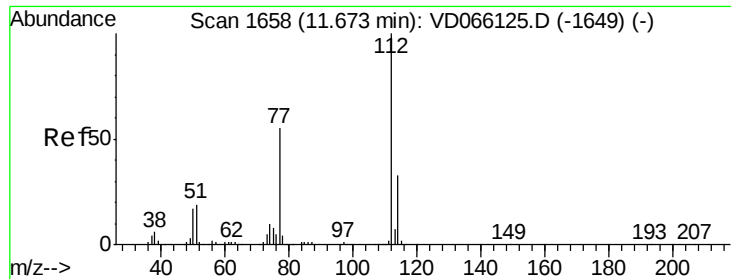
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#64
Tetrachloroethene
Concen: 47.801 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147126		
166	129.2		101.9	152.9
129	83.7		68.1	102.1
131	82.8		67.6	101.4





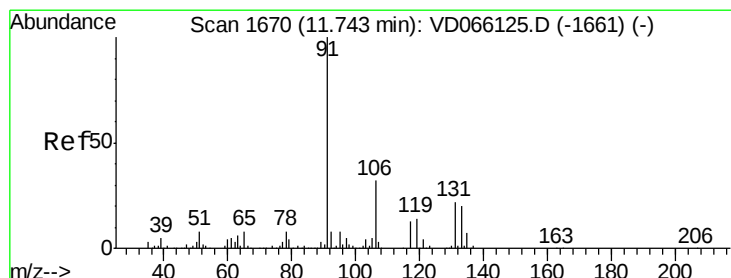
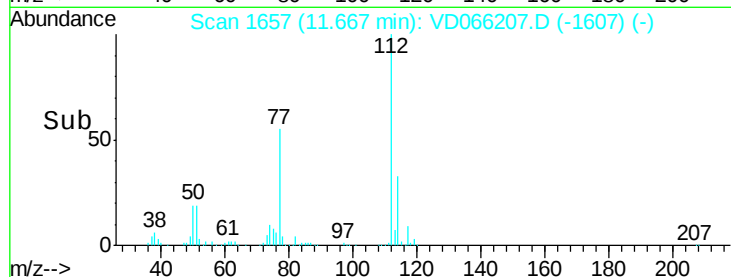
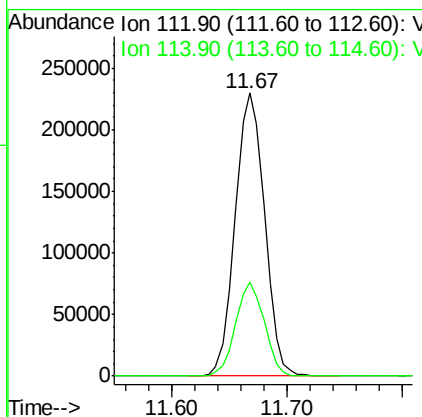
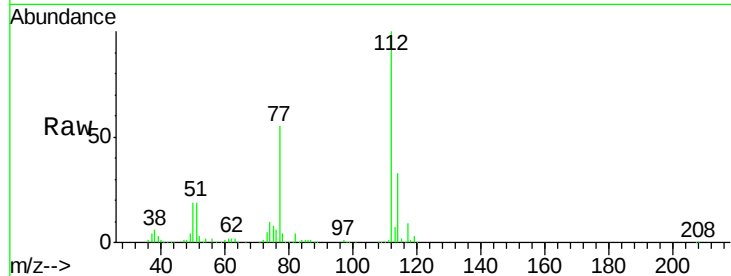
#65
Chlorobenzene
Concen: 49.860 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	26.1	39.1

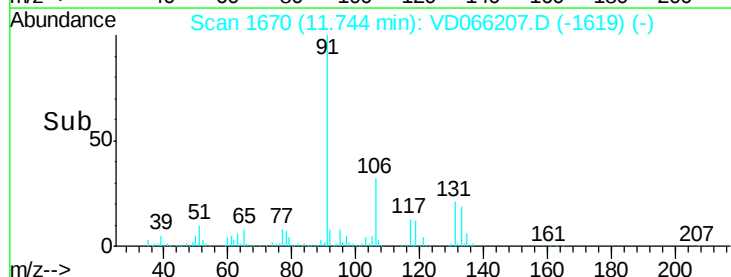
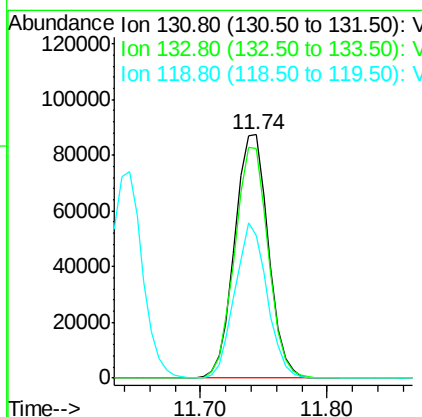
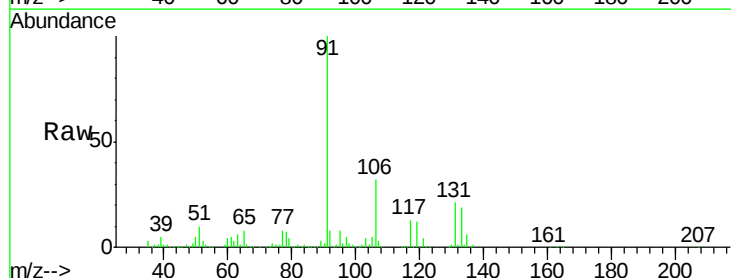
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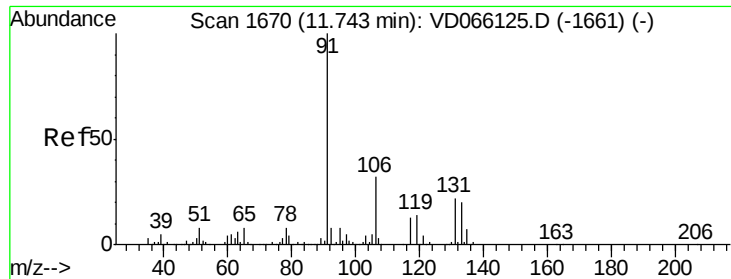
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.580 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.1	141.4
119	60.8	31.6	94.7





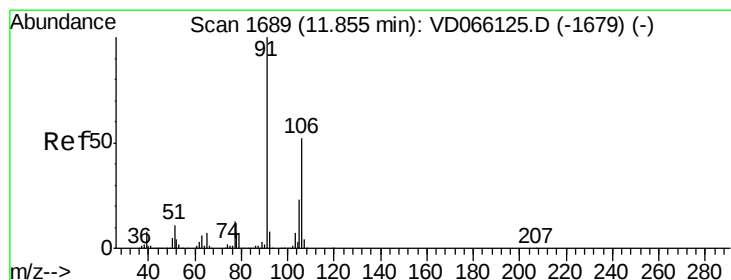
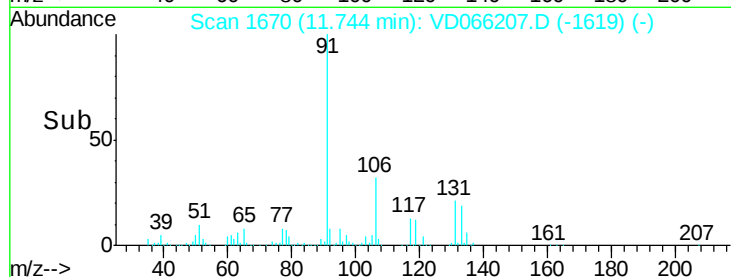
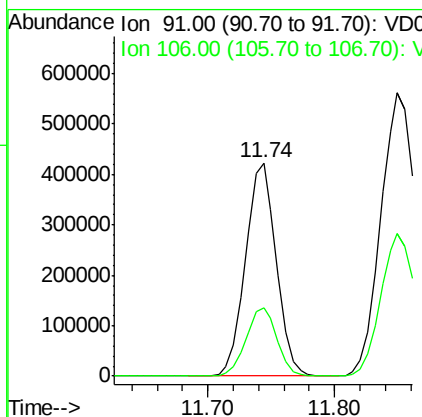
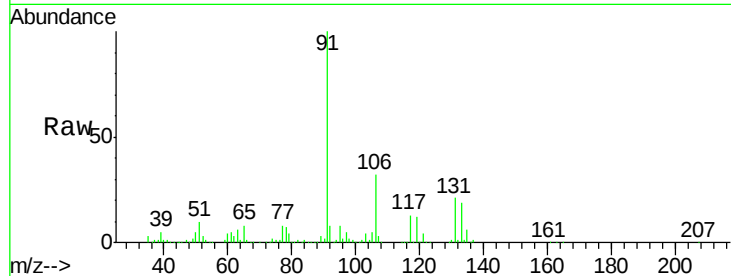
#67
Ethyl Benzene
Concen: 50.557 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 712877
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

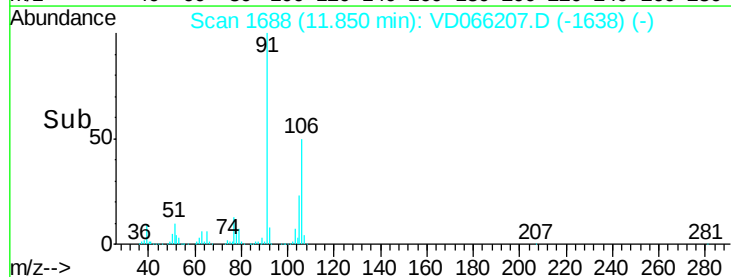
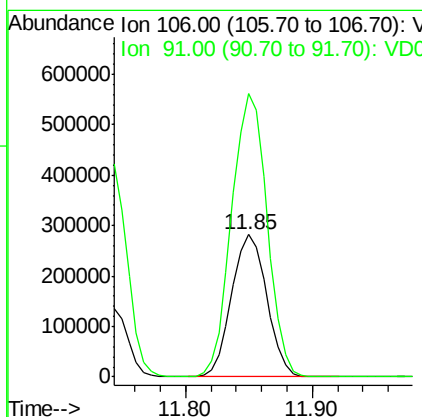
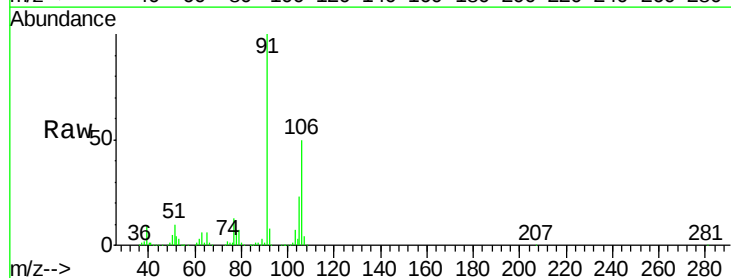
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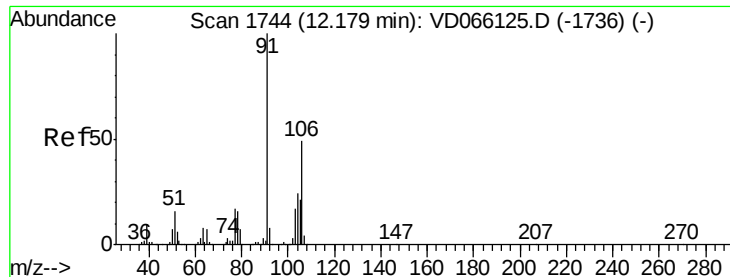
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#68
m/p-Xylenes
Concen: 99.468 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion: 106 Resp: 543405
Ion Ratio Lower Upper
106 100
91 200.3 156.6 235.0





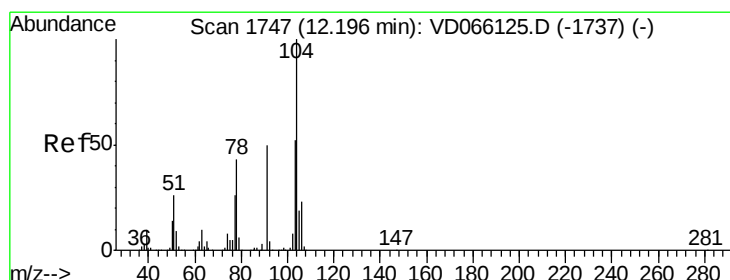
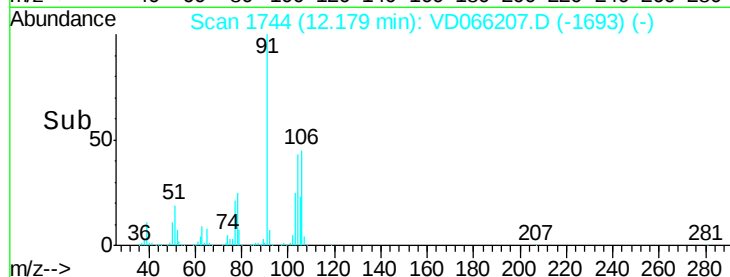
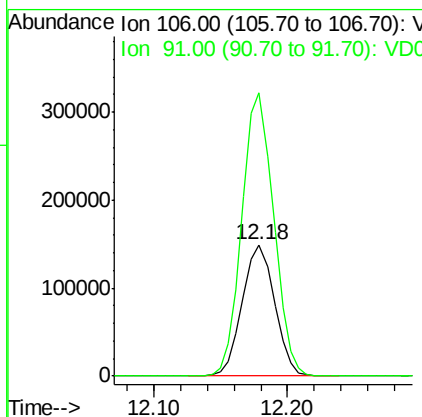
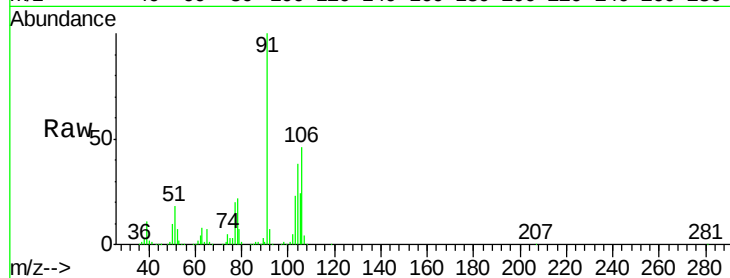
#69
o-Xylene
Concen: 50.416 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.8	105.7	317.1	

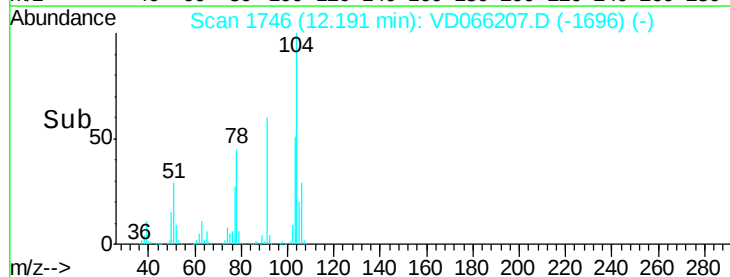
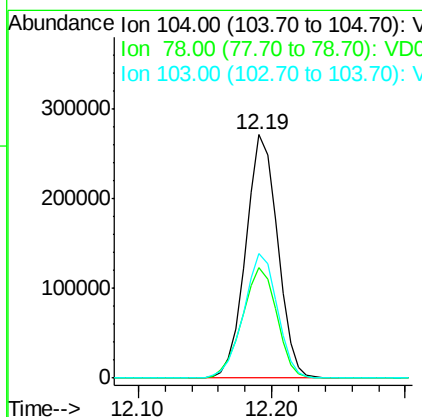
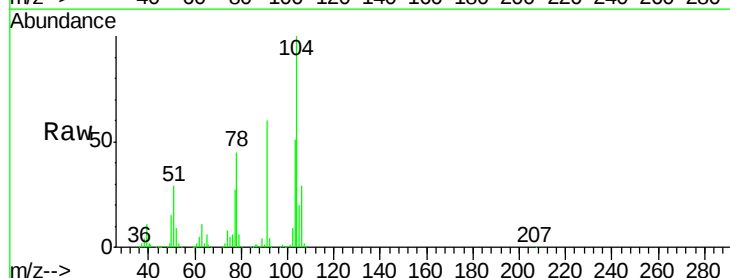
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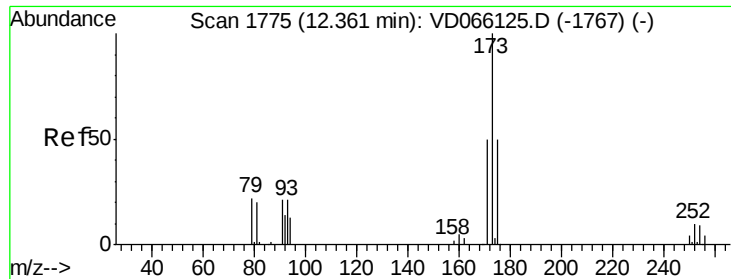
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#70
Styrene
Concen: 51.283 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.2	38.6	58.0	
103	54.2	44.1	66.1	





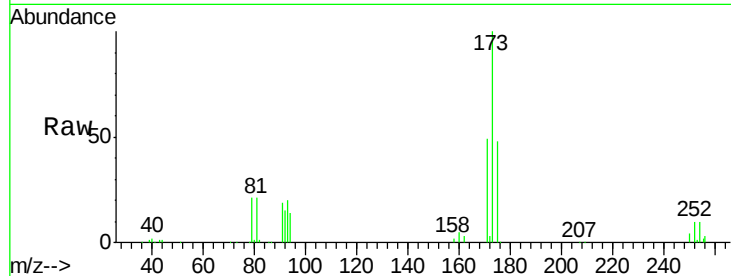
#71
Bromoform
Concen: 51.170 ug/l
RT: 12.36 min Scan# 1774
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

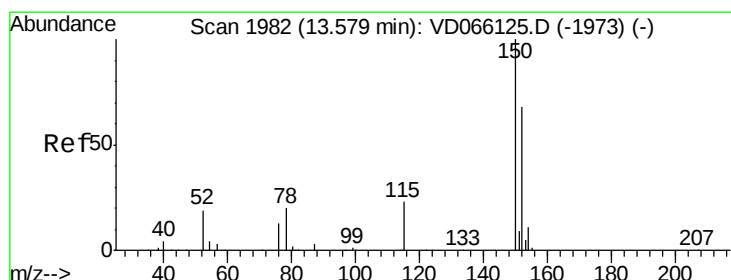
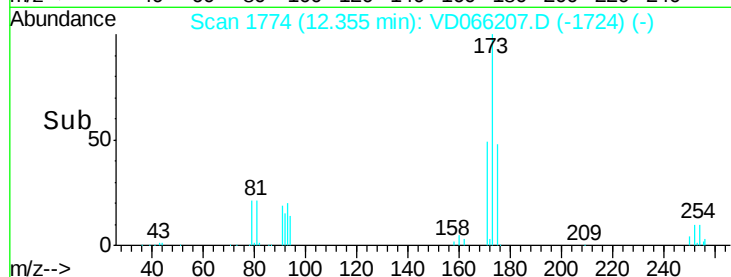
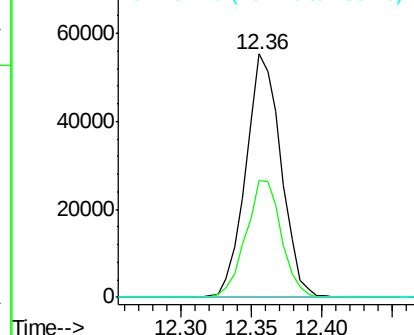
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.1	0.2	0.2

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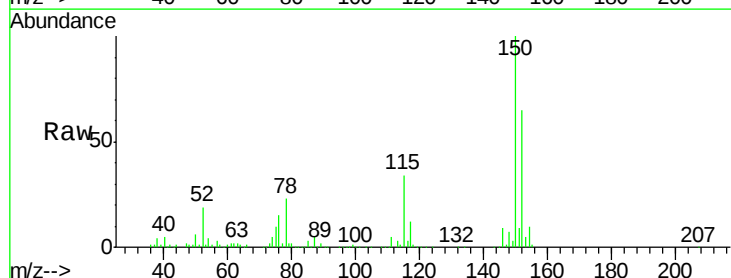


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

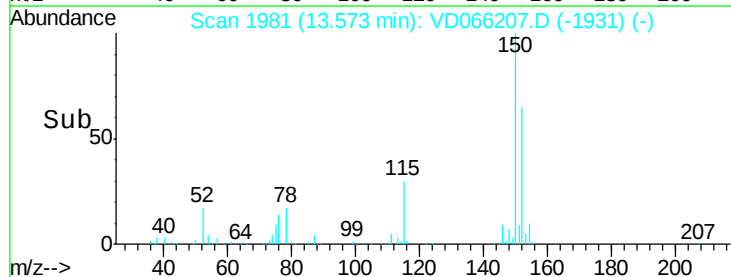
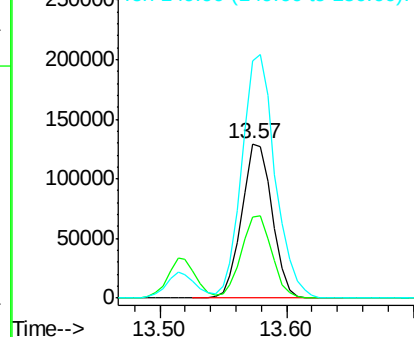


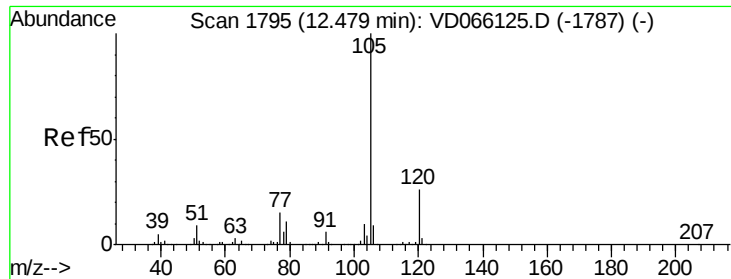
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.0	83.9
150	173.0	0.0	346.4



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





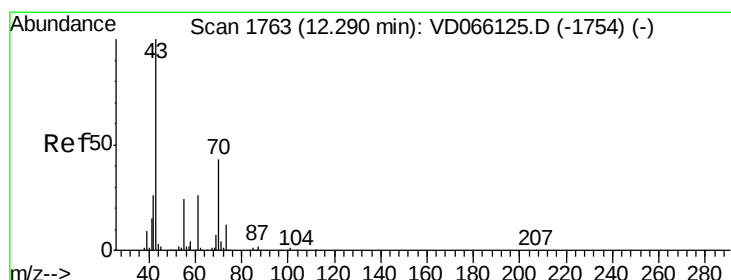
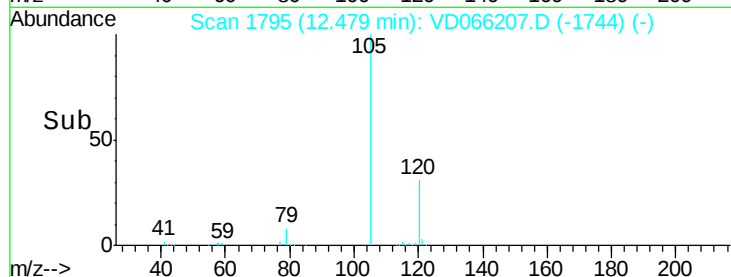
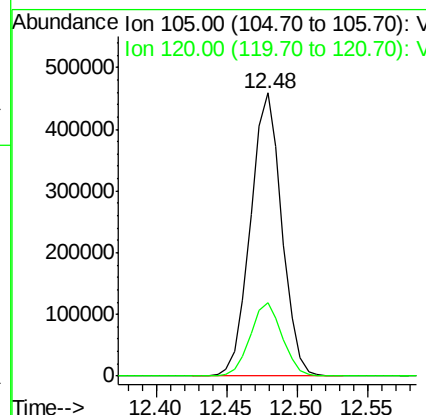
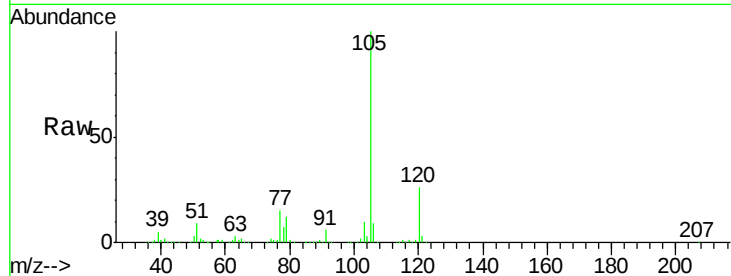
#73
Isopropylbenzene
Concen: 49.869 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.9

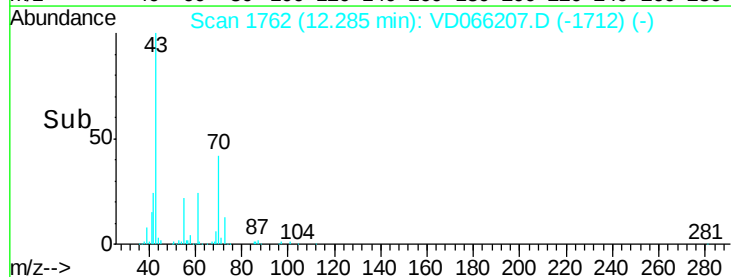
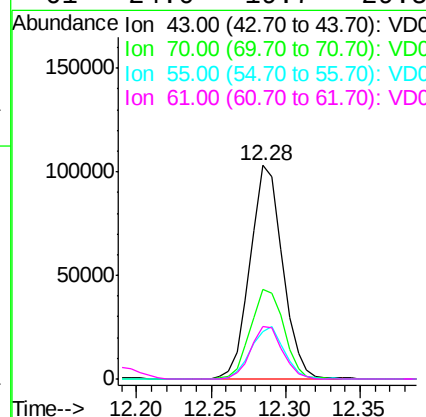
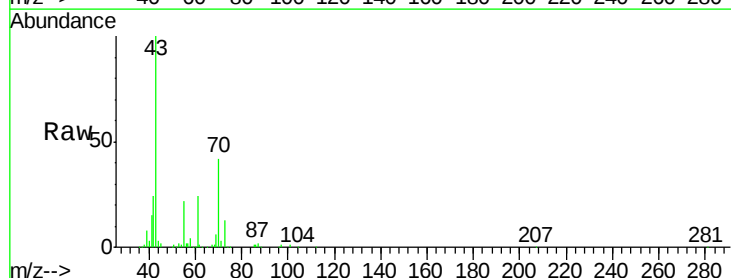
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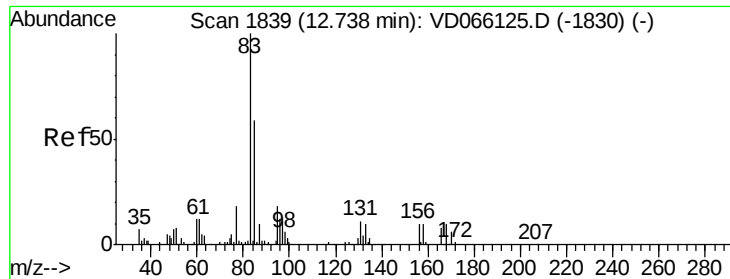
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#74
N-ethyl acetate
Concen: 49.326 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.9	52.3
55	24.9	19.2	28.8
61	24.0	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.298 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 115364

Ion Ratio Lower Upper

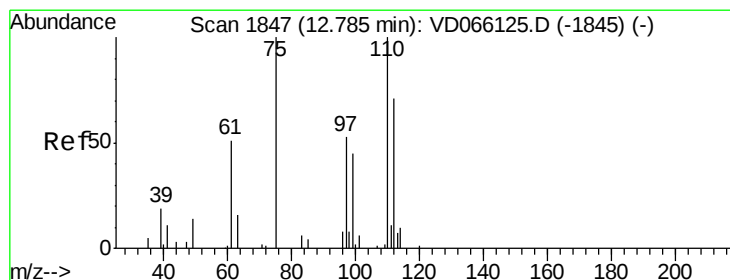
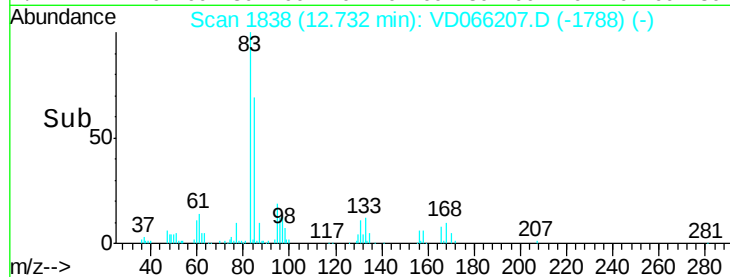
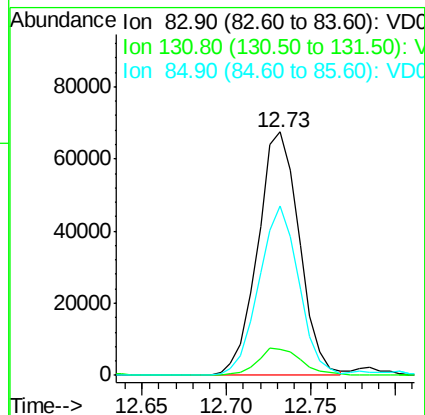
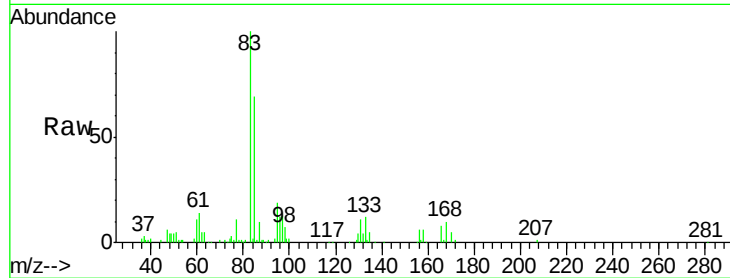
83 100

131 11.8 6.2 18.6

85 67.0 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.860 ug/l m

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066207.D

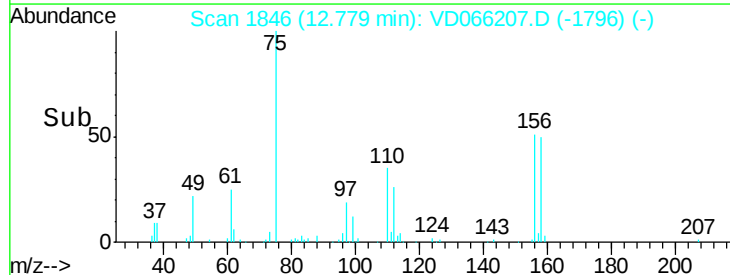
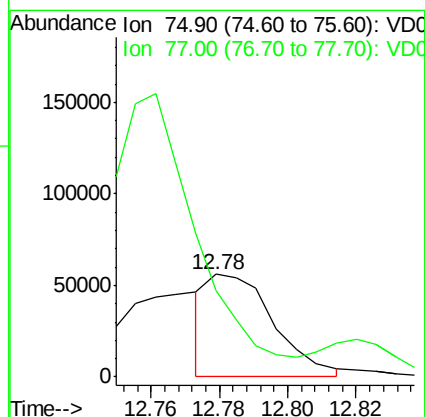
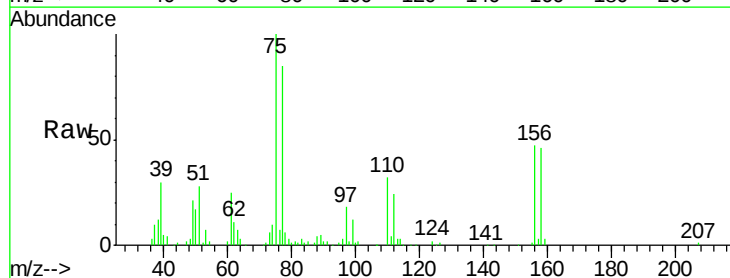
Acq: 12 Aug 2020 16:34

Tgt Ion: 75 Resp: 74803

Ion Ratio Lower Upper

75 100

77 385.8 0.0 0.0#





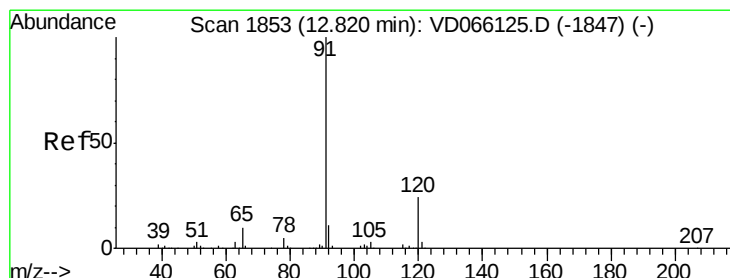
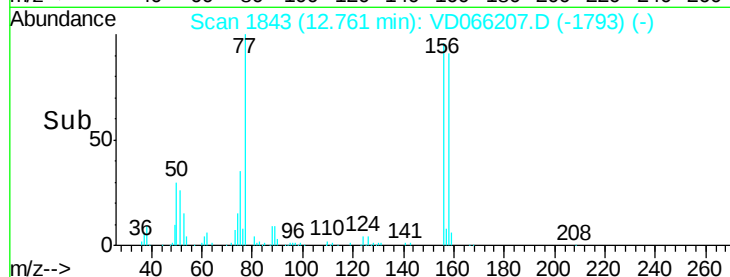
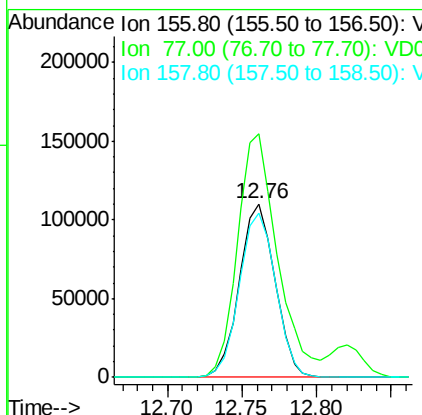
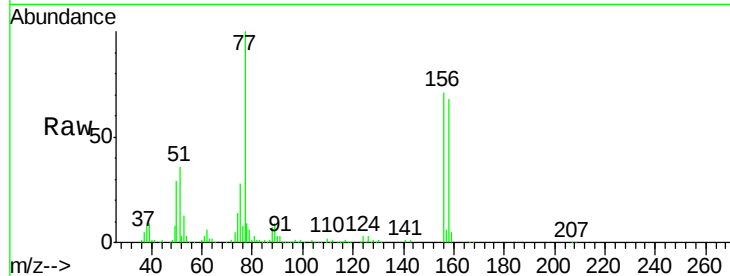
#77
Bromobenzene
Concen: 49.424 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.6	81.0	243.1
158	97.1	48.8	146.3

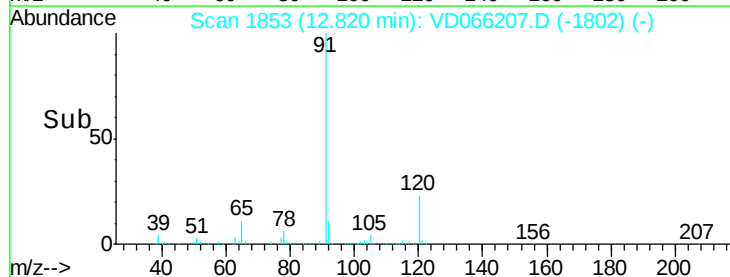
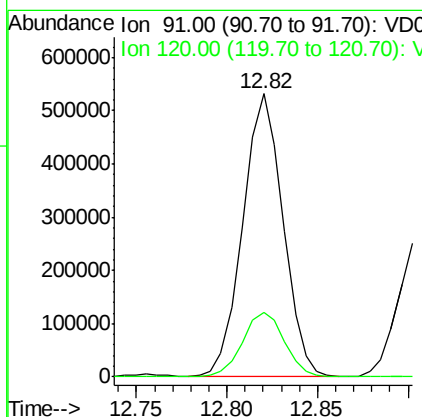
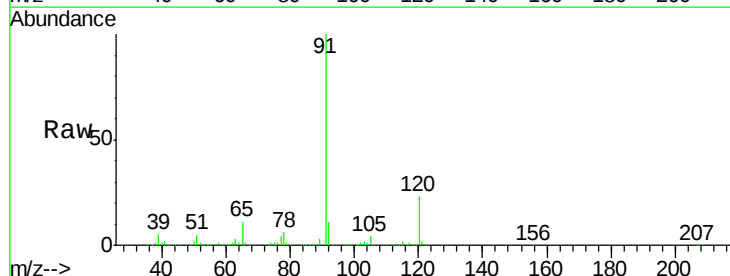
Manual Integrations
APPROVED

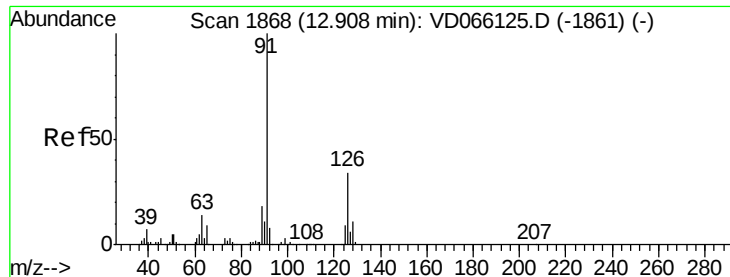
MMDadoda
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#78
n-propylbenzene
Concen: 49.240 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.0	36.0





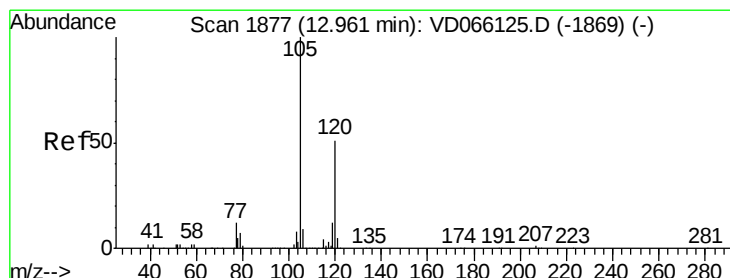
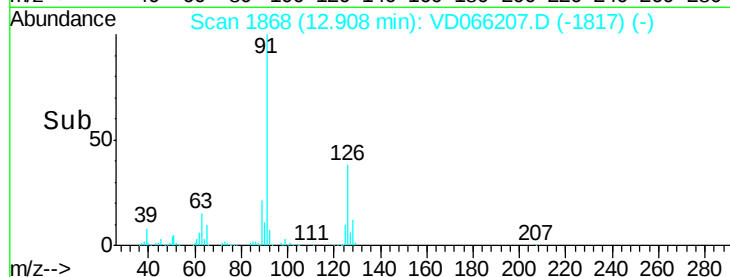
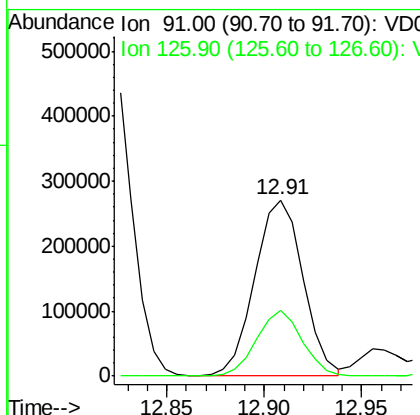
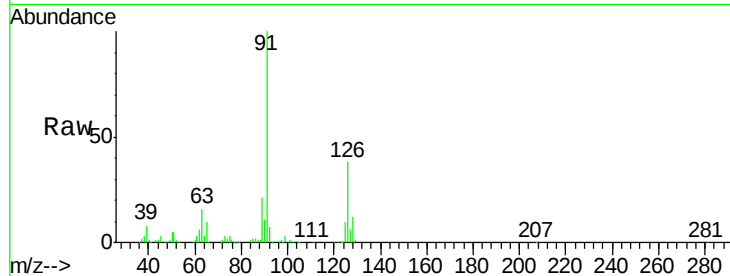
#79
 2-Chlorotoluene
 Concen: 48.607 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 462245
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.6

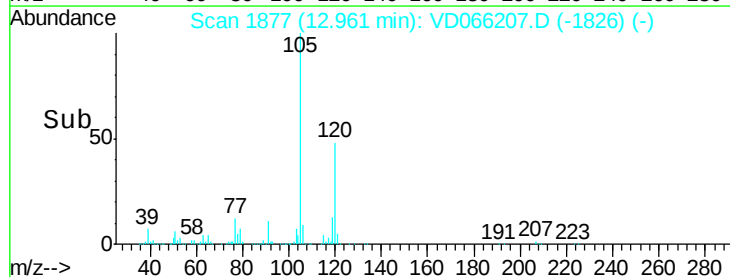
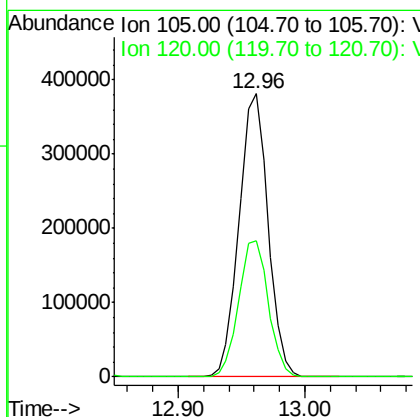
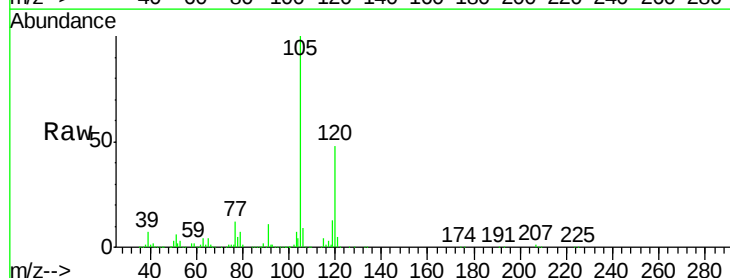
Manual Integrations
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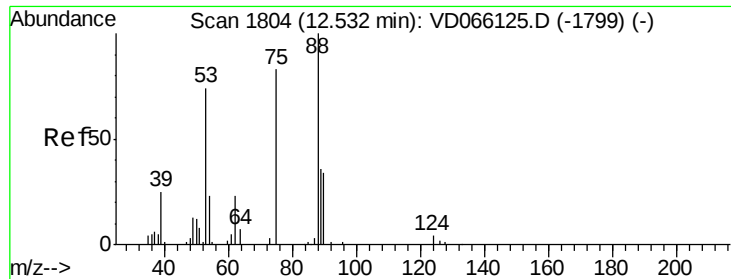
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.533 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion: 105 Resp: 604509
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.894 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

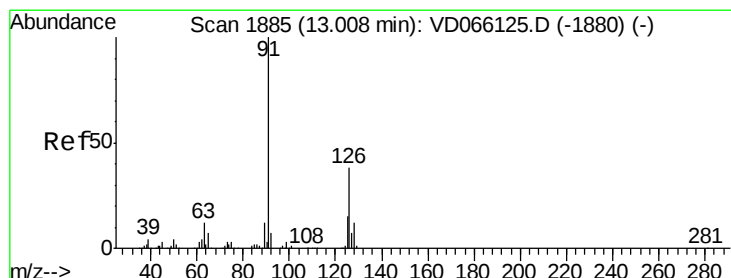
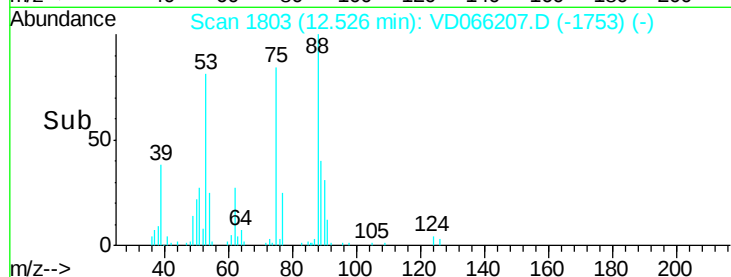
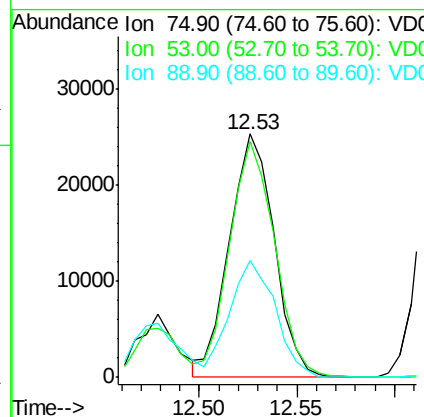
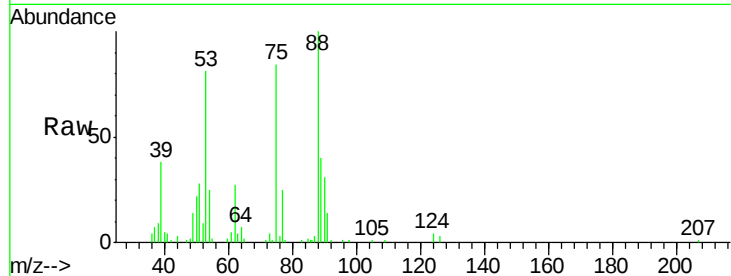
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	40334
Ion	Ratio	Lower	Upper
75	100		
53	97.9	73.4	110.2
89	48.8	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.298 ug/l

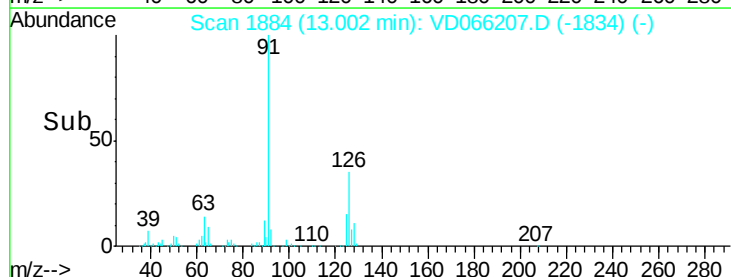
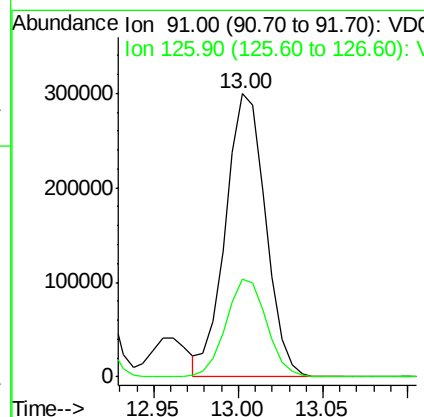
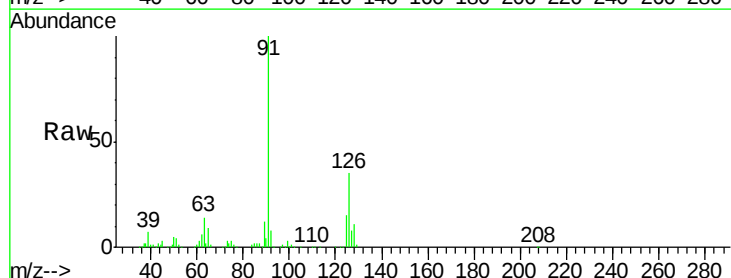
RT: 13.00 min Scan# 1884

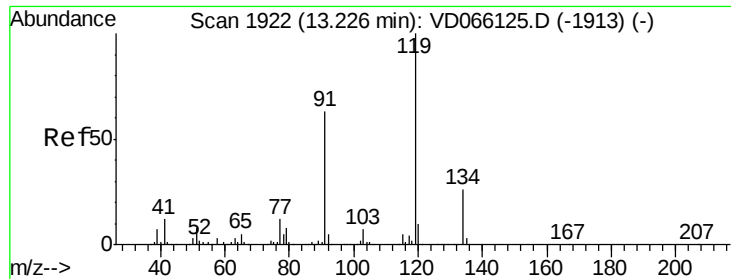
Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Tgt Ion:	91	Resp:	494898
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.3





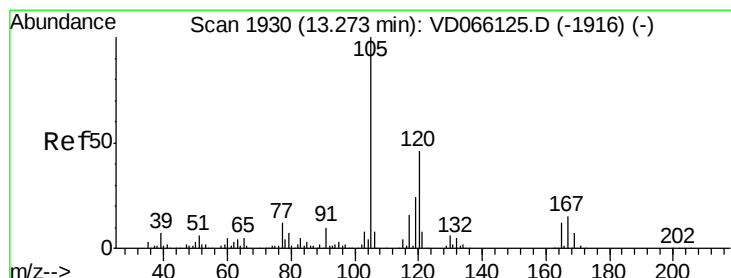
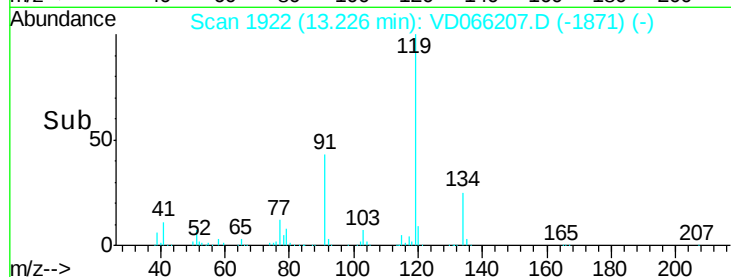
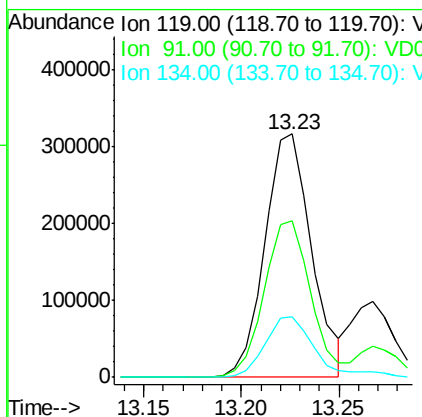
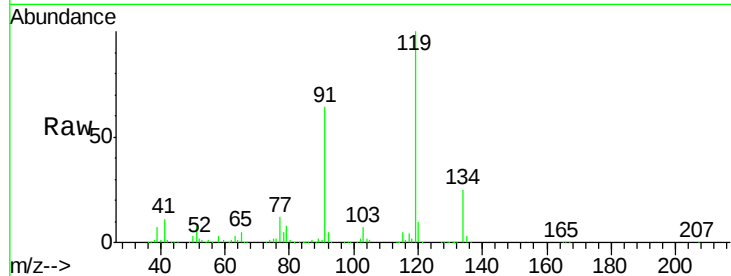
#83
tert-Butylbenzene
Concen: 49.989 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	30.8	92.4
134	27.1	13.6	40.8

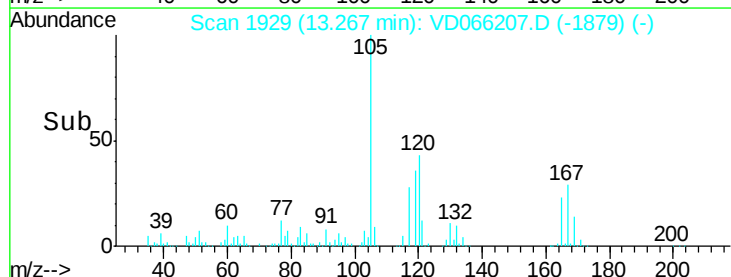
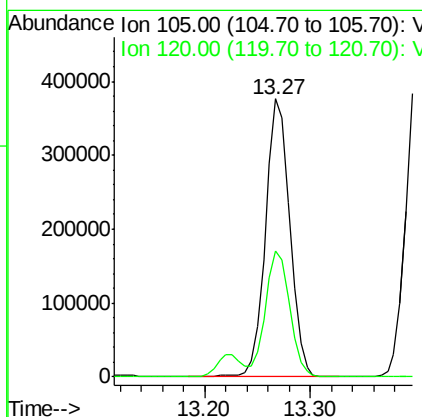
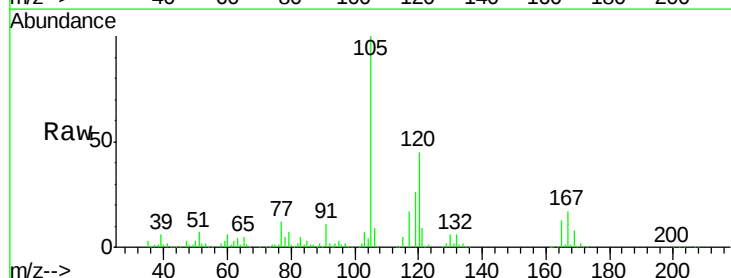
Manual Integrations
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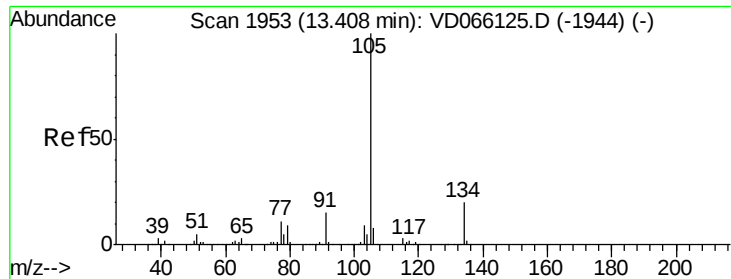
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#84
1,2,4-Trimethylbenzene
Concen: 50.033 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.275 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 714098

Ion Ratio Lower Upper

105 100

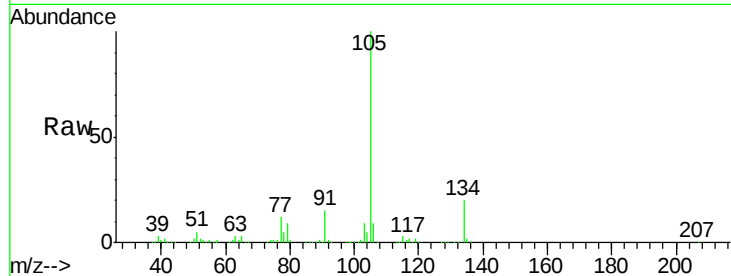
134 21.0 10.4 31.4

Manual Integrations

APPROVED

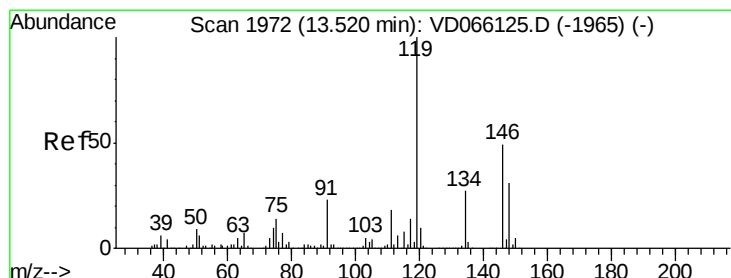
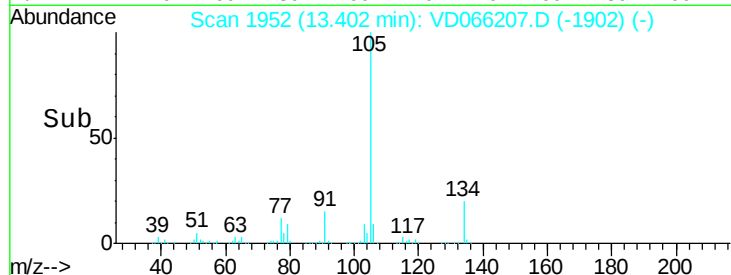
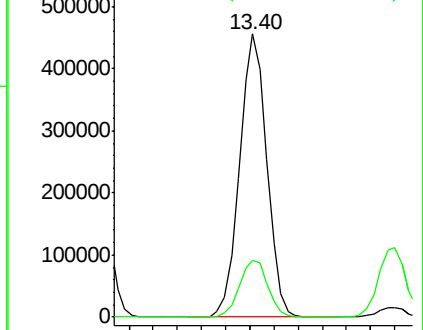
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.722 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066207.D

Acq: 12 Aug 2020 16:34

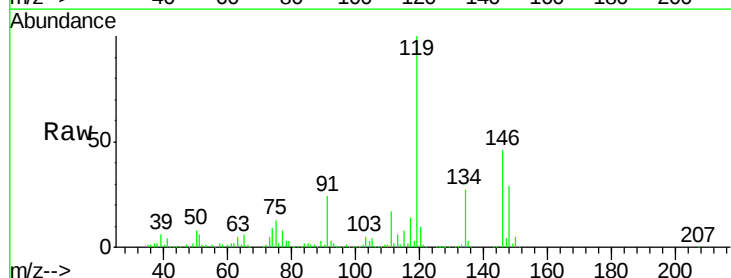
Tgt Ion:119 Resp: 662390

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

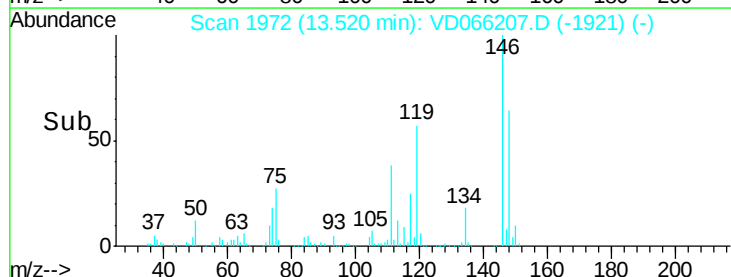
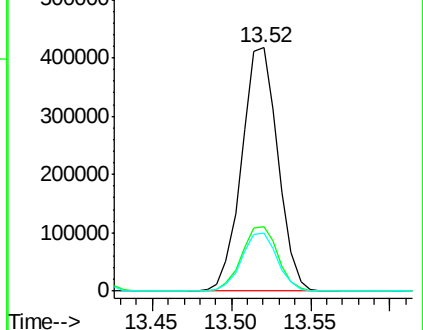
91 23.3 11.2 33.5

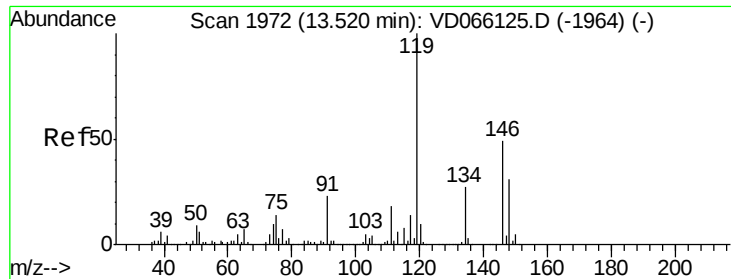


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





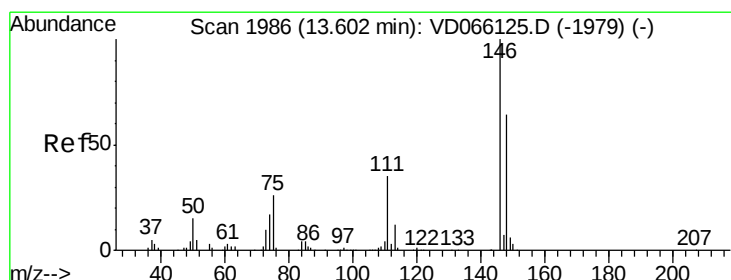
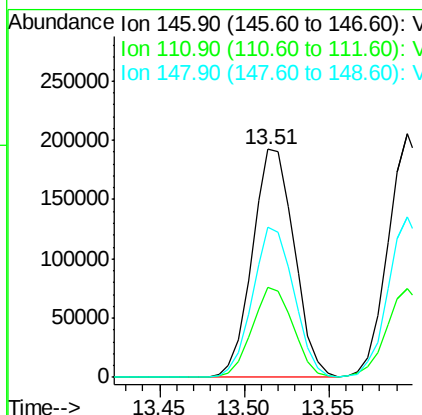
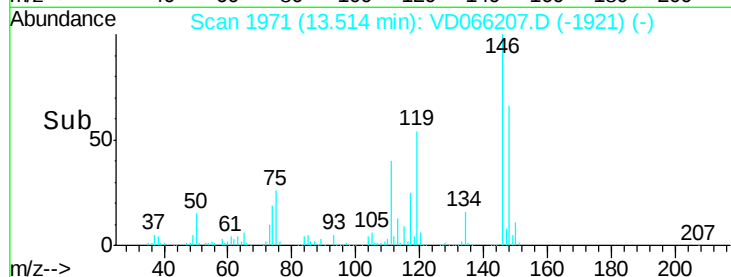
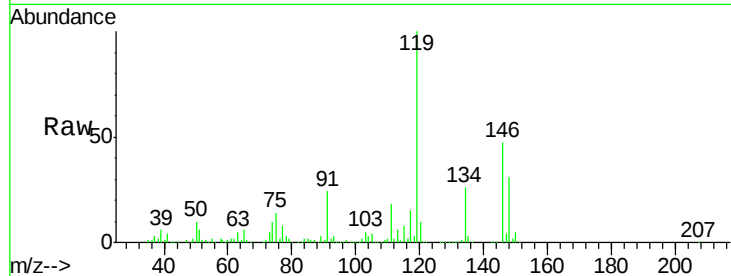
#87
 1,3-Dichlorobenzene
 Concen: 48.083 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.9	31.8	95.3

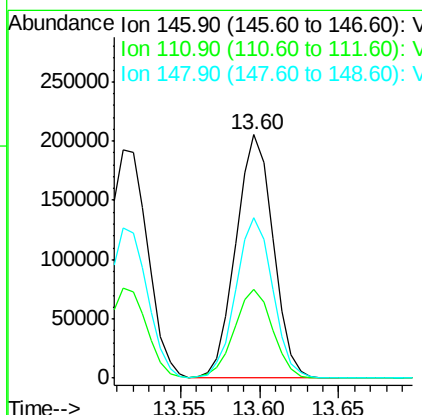
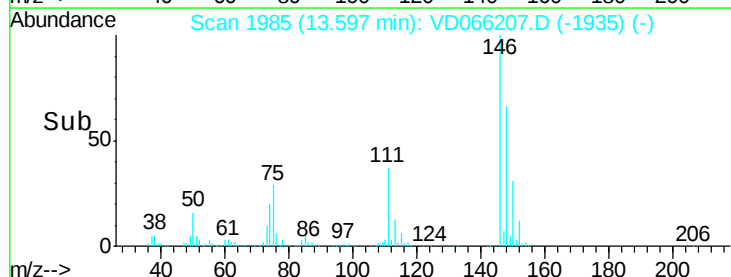
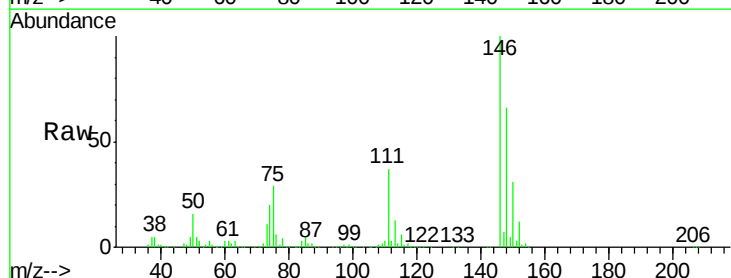
Manual Integrations
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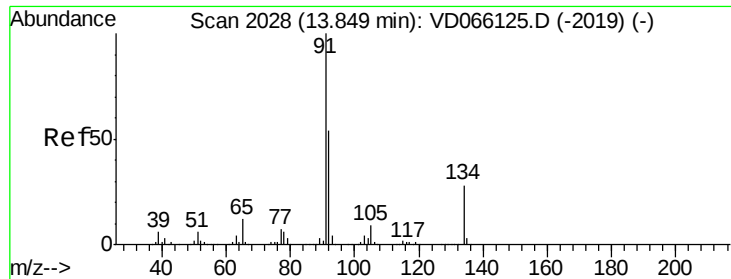
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#88
 1,4-Dichlorobenzene
 Concen: 48.691 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	65.1	32.4	97.0





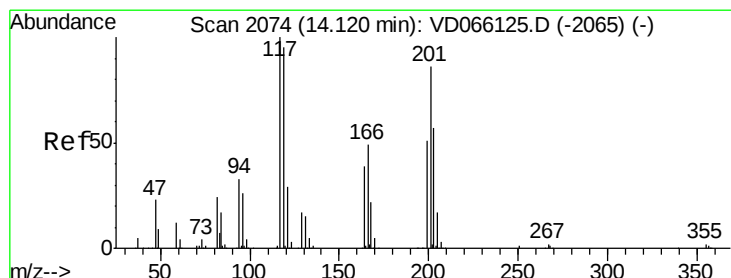
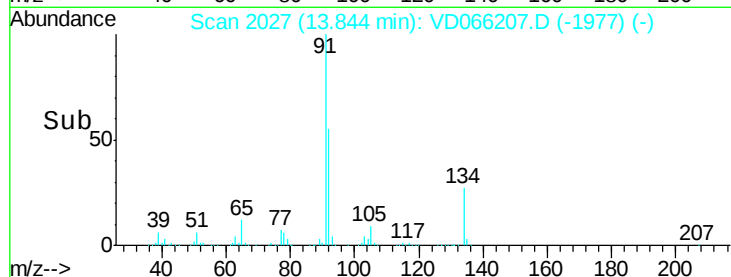
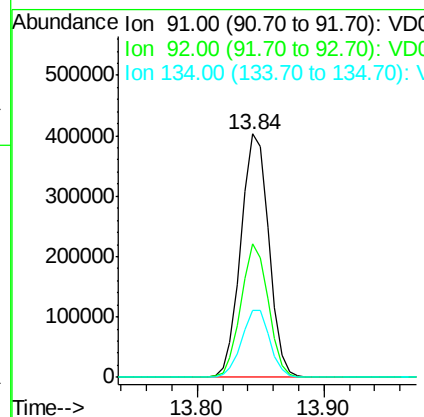
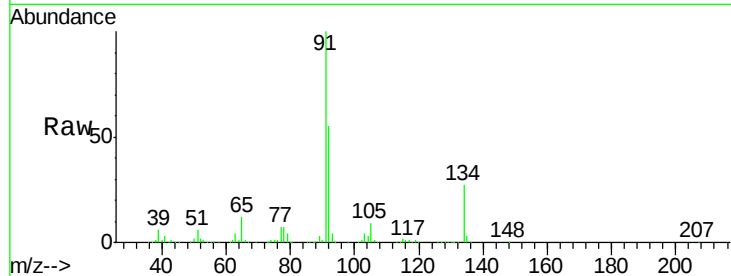
#89
n-Butylbenzene
Concen: 51.411 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	26.8	80.3	
134	27.9	14.0	41.9	

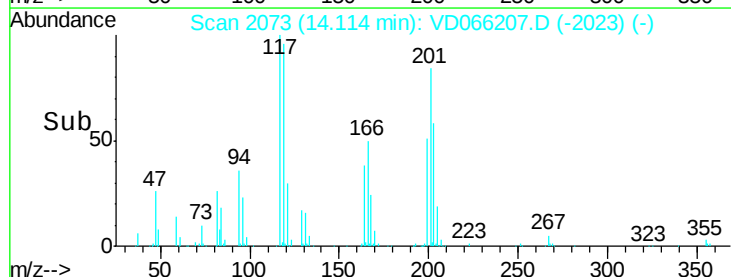
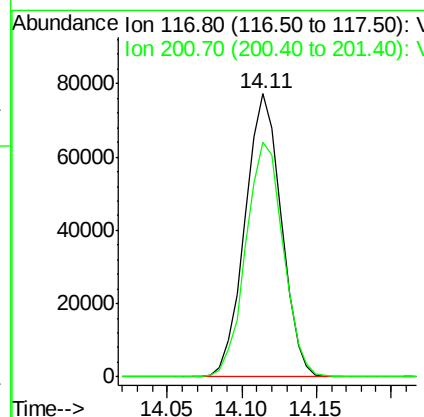
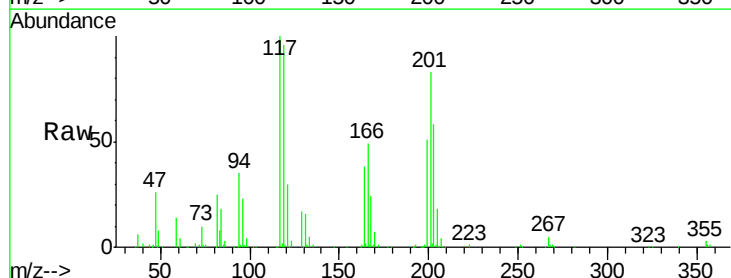
Manual Integrations
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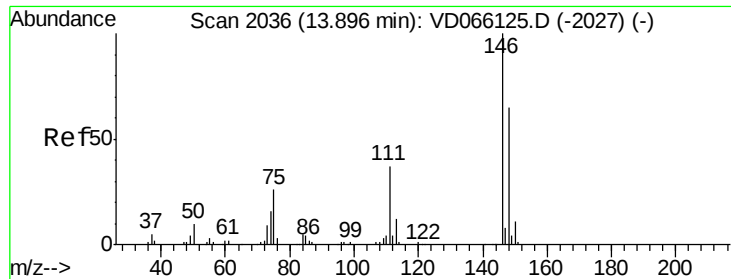
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#90
Hexachloroethane
Concen: 48.938 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.4	42.7	128.1	





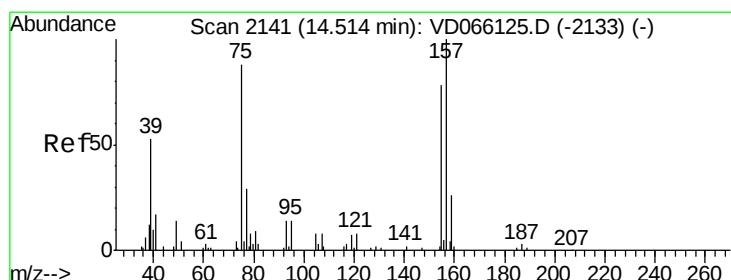
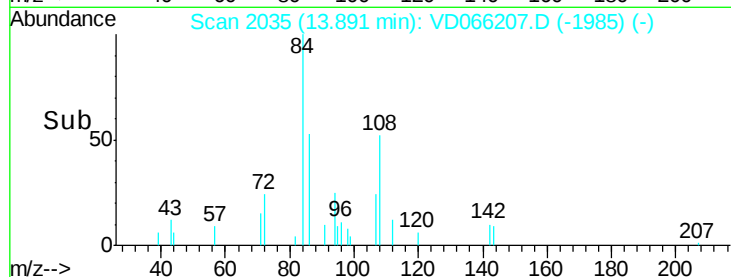
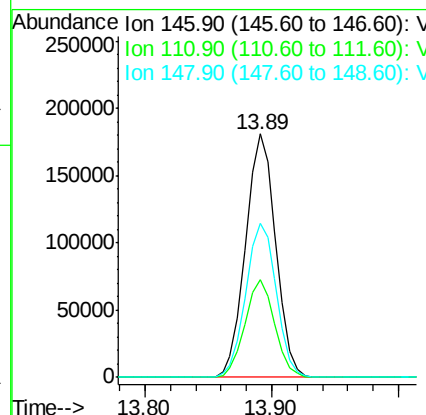
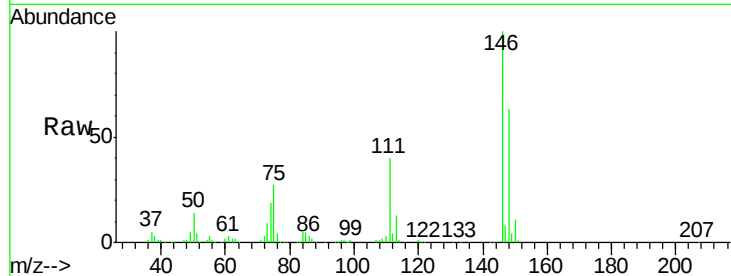
#91
 1,2-Dichlorobenzene
 Concen: 48.819 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.8	56.3
148	64.3	31.9	95.5

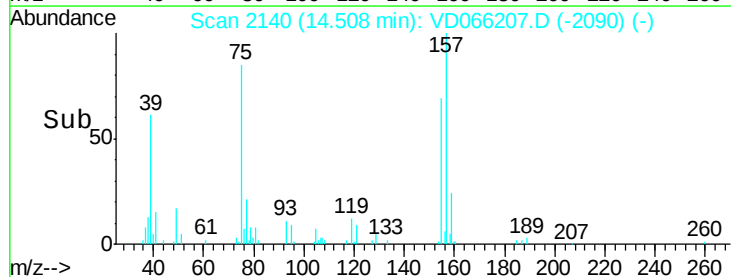
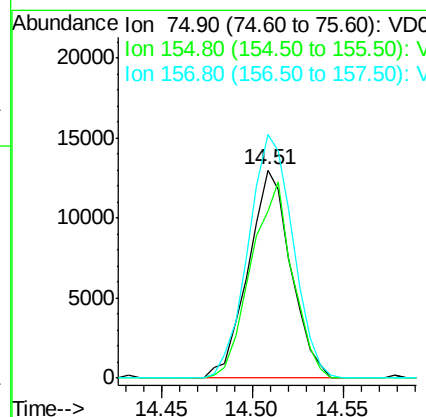
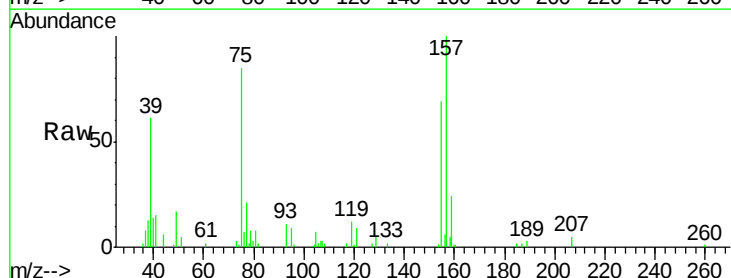
Manual Integrations
 APPROVED

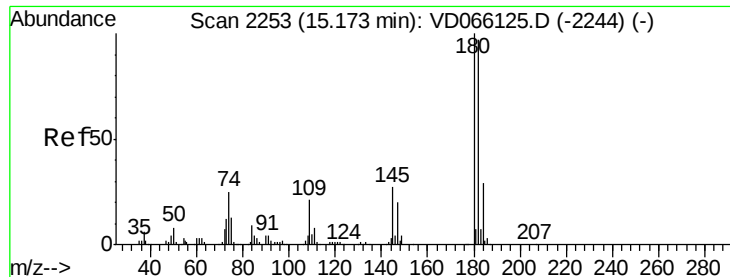
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.627 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	47.7	143.1
157	122.9	62.1	186.2





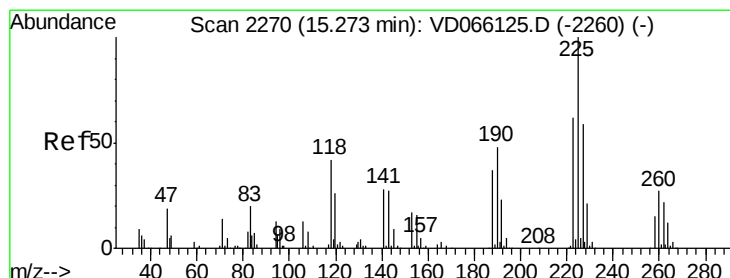
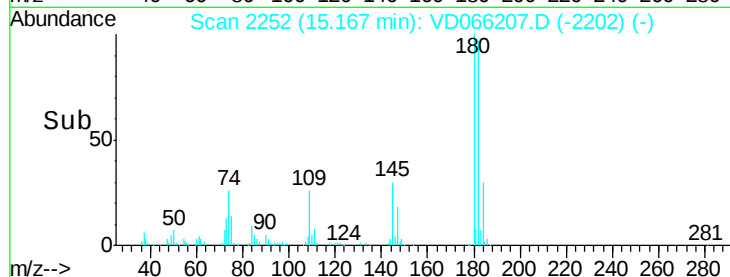
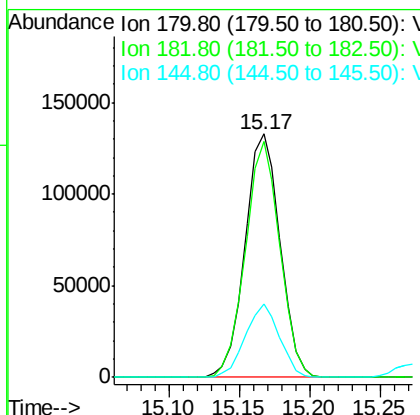
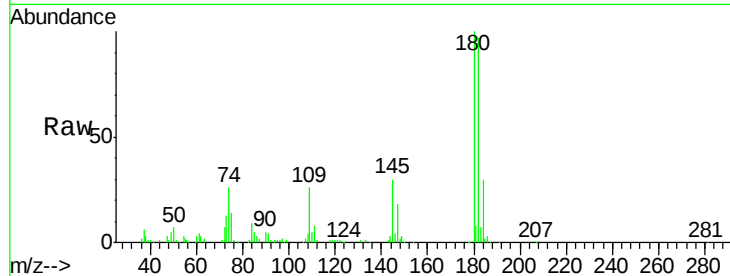
#93
 1,2,4-Trichlorobenzene
 Concen: 51.323 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	231480		
182	95.0	47.4	142.2	
145	29.4	14.5	43.6	

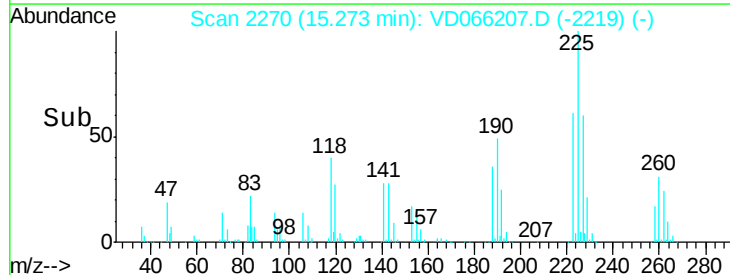
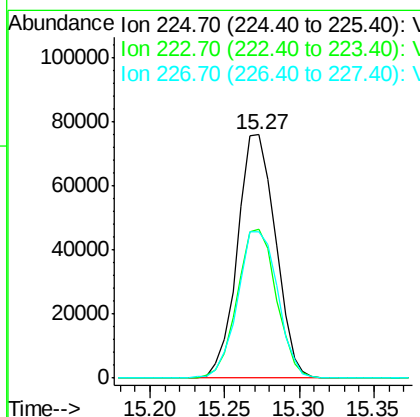
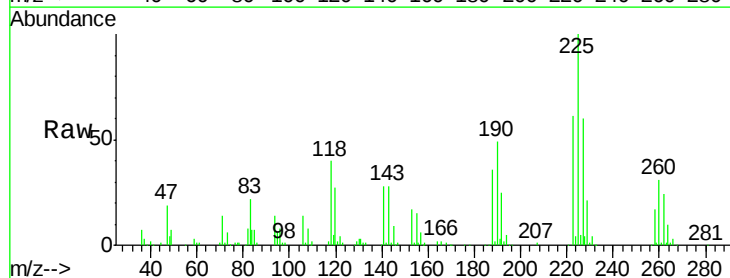
Manual Integrations
 APPROVED

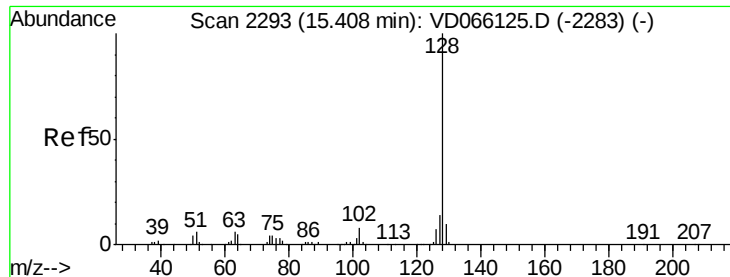
MMDadoda
 8/13/2020 4:21:06 PM



#94
 Hexachlorobutadiene
 Concen: 50.696 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066207.D
 Acq: 12 Aug 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134646		
223	62.6	32.3	96.9	
227	63.3	32.1	96.5	





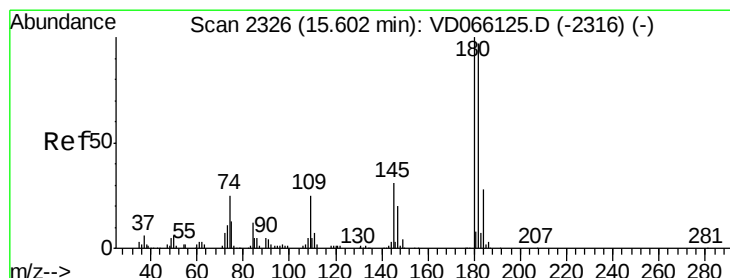
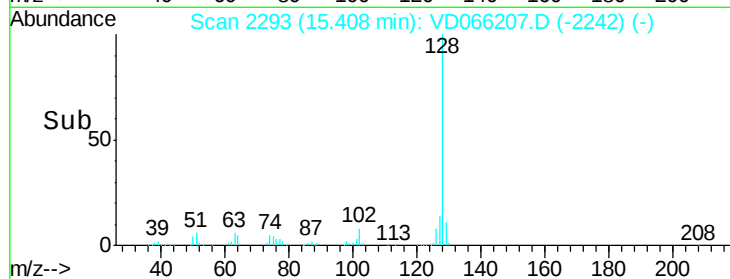
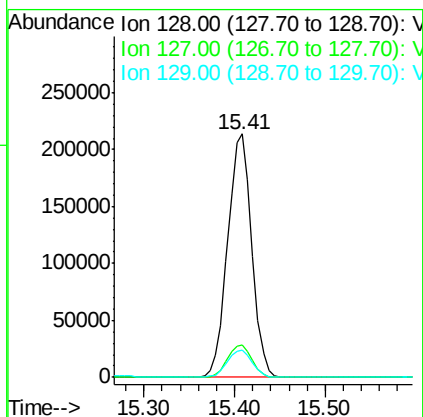
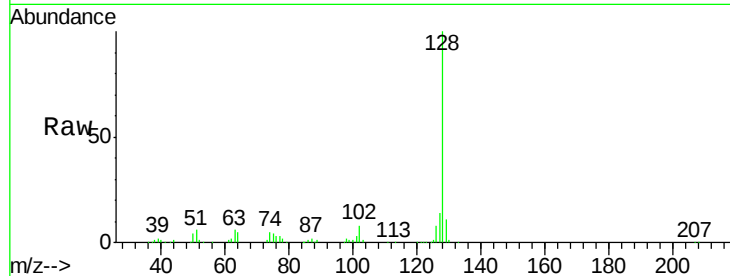
#95
Naphthalene
Concen: 53.528 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		393378		
127	13.4		11.0	16.4	
129	11.6		8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
8/13/2020 4:21:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.232 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066207.D
Acq: 12 Aug 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		203984		
182	96.1		47.1	141.4	
145	31.5		14.9	44.9	

