

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081220\
 Data File : VD066206.D
 Acq On : 12 Aug 2020 16:04
 Operator : VA/SY
 Sample : VD0812SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 4:21:04 PM

Quant Time: Aug 12 19:01:41 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	291817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	424618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	402847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	211734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	144783	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
35) Dibromofluoromethane	7.91	113	142009	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.33	98	532163	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.63	95	191995	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	51384	19.986	ug/l	100
3) Chloromethane	2.20	50	31988	15.994	ug/l	92
4) Vinyl Chloride	2.34	62	30497	17.224	ug/l	96
5) Bromomethane	2.74	94	20509	17.458	ug/l	90
6) Chloroethane	2.91	64	18958	17.443	ug/l	91
7) Trichlorofluoromethane	3.26	101	84071	18.212	ug/l	93
8) Diethyl Ether	3.70	74	23794	18.268	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48739	17.791	ug/l	99
10) Methyl Iodide	4.29	142	40833	20.885	ug/l	97
11) Tert butyl alcohol	5.21	59	27465m	121.798	ug/l	
12) 1,1-Dichloroethene	4.06	96	45202	17.491	ug/l	97
13) Acrolein	3.93	56	14996	72.364	ug/l	98
14) Allyl chloride	4.70	41	64025	16.353	ug/l	94
15) Acrylonitrile	5.42	53	51796	94.369	ug/l	98
16) Acetone	4.16	43	40665	82.320	ug/l	99
17) Carbon Disulfide	4.40	76	136634	16.628	ug/l	99
18) Methyl Acetate	4.72	43	23396	18.646	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	109298	18.452	ug/l	100
20) Methylene Chloride	4.95	84	61856	18.903	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	51841	17.462	ug/l	92
22) Diisopropyl ether	6.36	45	146722	18.950	ug/l	98
23) Vinyl Acetate	6.30	43	424470	93.581	ug/l	97
24) 1,1-Dichloroethane	6.26	63	86322	18.016	ug/l	97
25) 2-Butanone	7.21	43	66808	91.951	ug/l #	89
26) 2,2-Dichloropropane	7.20	77	79510	18.514	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	58569	18.809	ug/l	99
28) Bromochloromethane	7.54	49	38992	23.169	ug/l	96
29) Tetrahydrofuran	7.56	42	43024	95.577	ug/l	98
30) Chloroform	7.70	83	97902	19.459	ug/l	97
31) Cyclohexane	7.98	56	80528	17.655	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	89582	18.990	ug/l	99
36) 1,1-Dichloropropene	8.11	75	73512	18.424	ug/l	98
37) Ethyl Acetate	7.29	43	29049	18.375	ug/l #	93
38) Carbon Tetrachloride	8.09	117	83111	18.678	ug/l	93

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 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)
39) Methylcyclohexane	9.35	83	85531	17.732	ug/l	93
40) Benzene	8.34	78	207491	18.745	ug/l	97
41) Methacrylonitrile	7.52	41	14830	15.954	ug/l #	59
42) 1,2-Dichloroethane	8.41	62	64820	19.934	ug/l	99
43) Isopropyl Acetate	8.44	43	60652	19.471	ug/l	98
44) Trichloroethene	9.11	130	64442	19.320	ug/l	93
45) 1,2-Dichloropropane	9.38	63	50579	18.683	ug/l	97
46) Dibromomethane	9.47	93	29327	19.667	ug/l	99
47) Bromodichloromethane	9.66	83	78041	19.802	ug/l	98
48) Methyl methacrylate	9.45	41	27905	17.544	ug/l #	86
49) 1,4-Dioxane	9.46	88	7405	386.526	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	154509	96.568	ug/l	98
52) Toluene	10.40	92	139588	19.165	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71579	19.138	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	83586	19.074	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	41993	19.557	ug/l	95
56) Ethyl methacrylate	10.66	69	49629	19.240	ug/l	97
57) 1,3-Dichloropropane	10.94	76	70643	19.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	126389	108.931	ug/l	99
59) 2-Hexanone	10.98	43	108449	96.578	ug/l	98
60) Dibromochloromethane	11.14	129	59005	19.904	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41066	19.887	ug/l	97
64) Tetrachloroethene	10.87	164	57535	18.599	ug/l	91
65) Chlorobenzene	11.67	112	154079	18.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	59395	18.562	ug/l	96
67) Ethyl Benzene	11.74	91	266810	18.827	ug/l	95
68) m/p-Xylenes	11.85	106	203989	37.152	ug/l	96
69) o-Xylene	12.18	106	94160	18.852	ug/l	97
70) Styrene	12.19	104	166310	19.000	ug/l	99
71) Bromoform	12.36	173	36779	19.400	ug/l #	98
73) Isopropylbenzene	12.48	105	258720	18.305	ug/l	99
74) N-amyl acetate	12.29	43	59474	19.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	45064	18.698	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	34492m	19.534	ug/l	
77) Bromobenzene	12.76	156	68577	18.849	ug/l	98
78) n-propylbenzene	12.82	91	301068	18.325	ug/l	99
79) 2-Chlorotoluene	12.91	91	171354	18.236	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	224656	19.006	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	14854	18.596	ug/l	97
82) 4-Chlorotoluene	13.00	91	183778	18.527	ug/l	99
83) tert-Butylbenzene	13.23	119	190686	18.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	220797	18.665	ug/l	98
85) sec-Butylbenzene	13.40	105	256013	18.241	ug/l	99
86) p-Isopropyltoluene	13.52	119	247092	18.771	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	130171	19.036	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	129921	19.052	ug/l	99
89) n-Butylbenzene	13.84	91	217315	18.426	ug/l	100
90) Hexachloroethane	14.11	117	47864	18.232	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	115225	19.054	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7653	18.476	ug/l	96

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MSVOA_D
ClientSampleId :
VD0812SBSD01

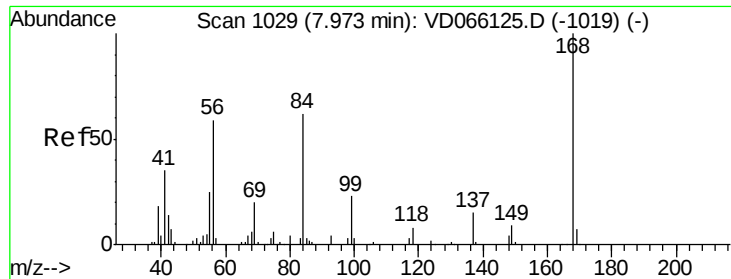
Manual Integrations
APPROVED

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8/13/2020 4:21:04 PM

Quant Time: Aug 12 19:01:41 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	83649	18.770	ug/l	98
94) Hexachlorobutadiene	15.27	225	47486	18.095	ug/l	99
95) Naphthalene	15.41	128	136758	18.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74363	18.902	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: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBSD01

Tot Ion:168 Resp: 291817

Ion Ratio Lower Upper

168 100

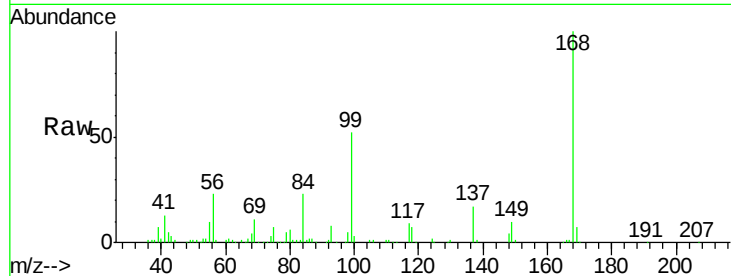
99 51.5 42.2 63.4

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

150000

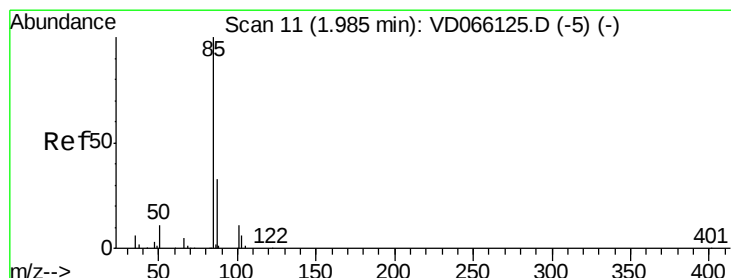
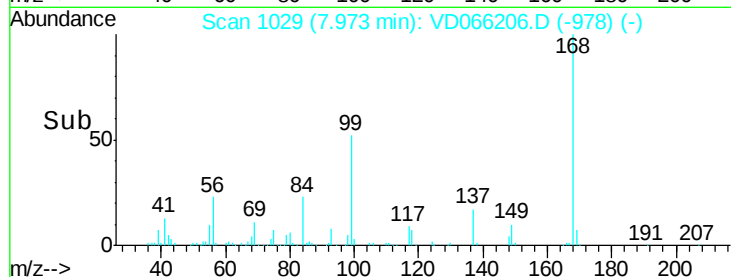
100000

50000

0

7.90 7.97 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.986 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066206.D

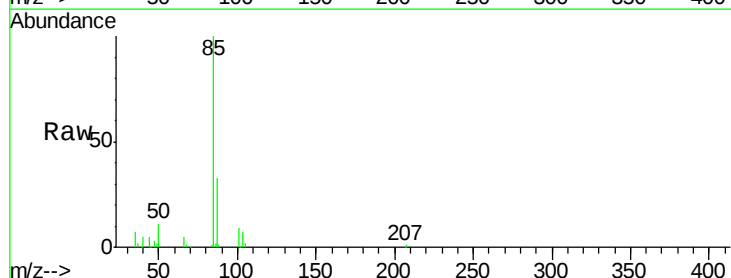
Acq: 12 Aug 2020 16:04

Tgt Ion: 85 Resp: 51384

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

40000

30000

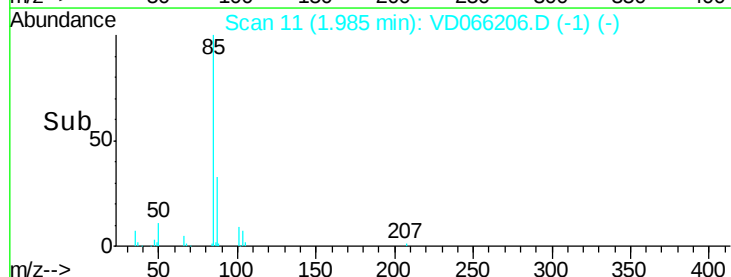
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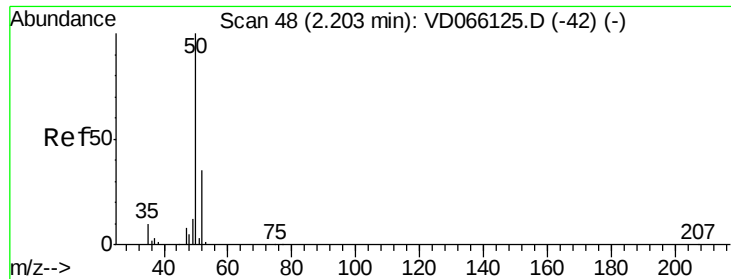
10000

0

1.95 1.99 2.00 2.05

Time-->





#3

Chloromethane

Concen: 15.994 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBSD01

Tot Ion: 50 Resp: 31988

Ion Ratio Lower Upper

50 100

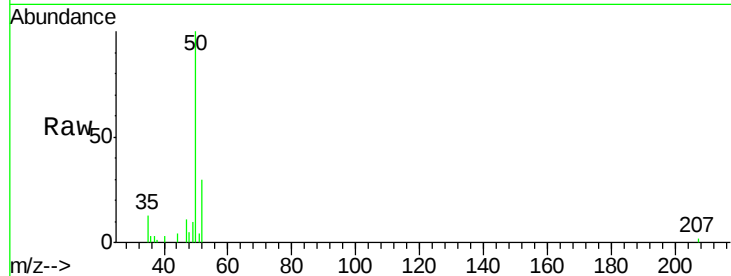
52 30.2 27.9 41.9

Manual Integrations

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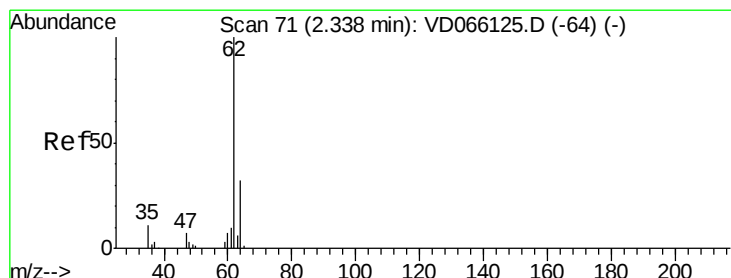
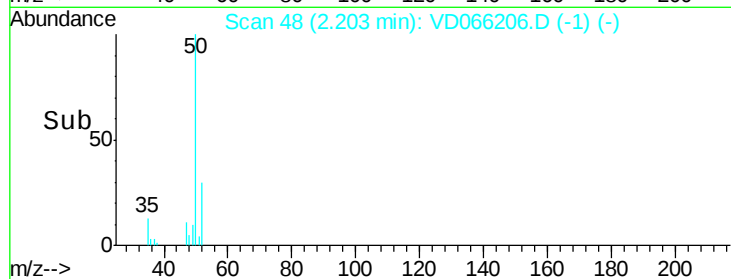
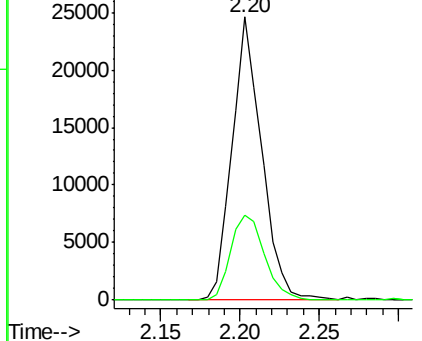
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 17.224 ug/l

RT: 2.34 min Scan# 71

Delta R.T. 0.00 min

Lab File: VD066206.D

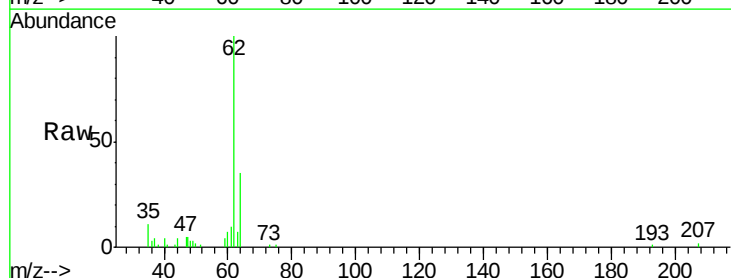
Acq: 12 Aug 2020 16:04

Tgt Ion: 62 Resp: 30497

Ion Ratio Lower Upper

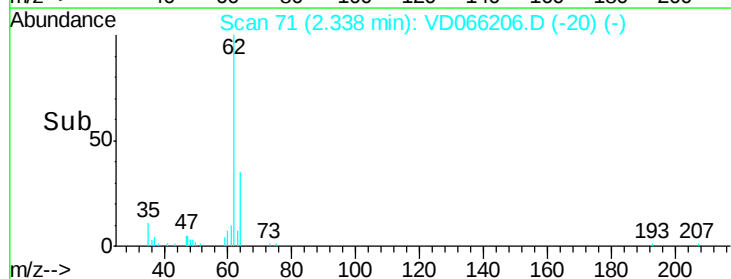
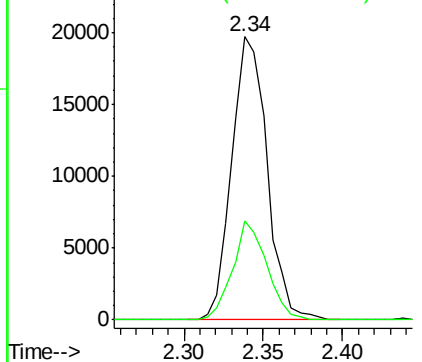
62 100

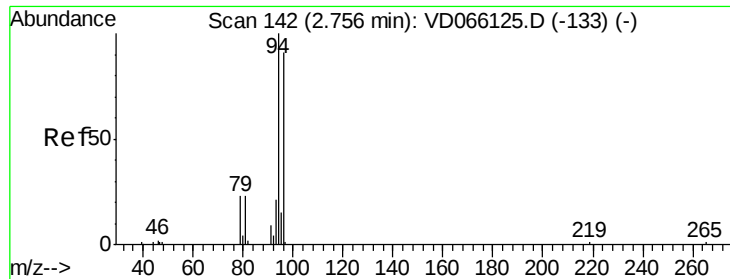
64 34.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.458 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion: 94 Resp: 20509

Ion Ratio Lower Upper

94 100

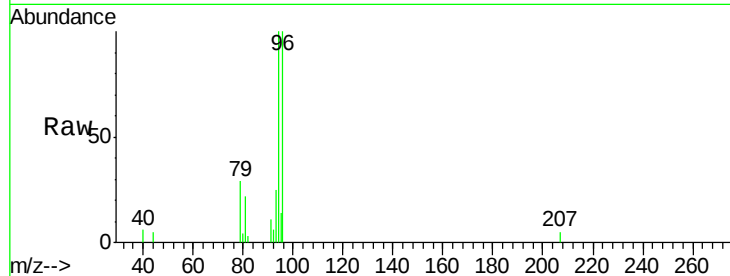
96 100.1 72.6 109.0

Manual Integrations

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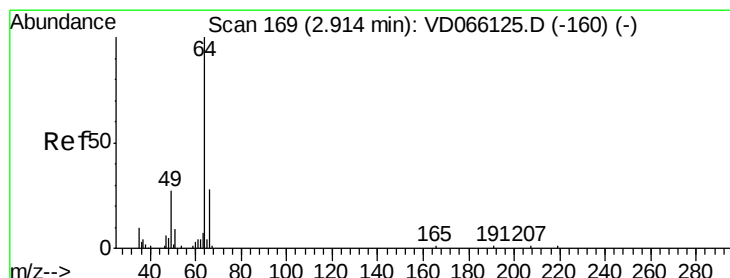
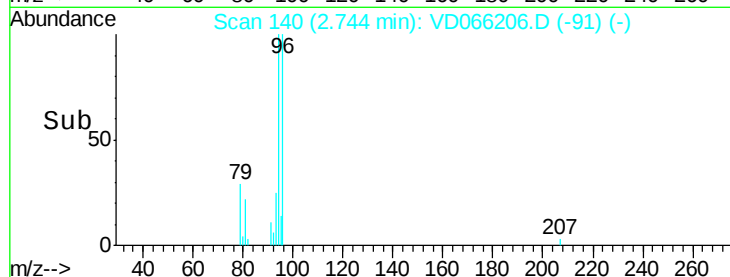
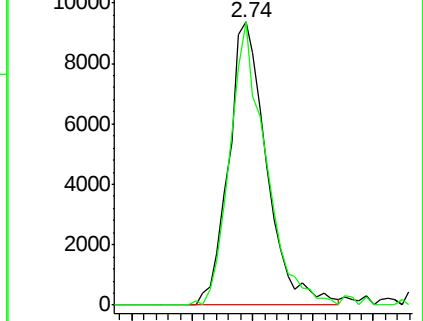
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.443 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066206.D

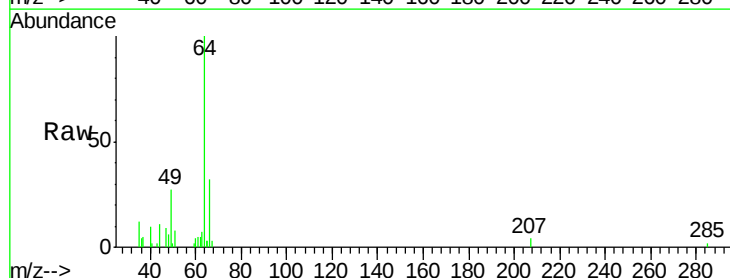
Acq: 12 Aug 2020 16:04

Tgt Ion: 64 Resp: 18958

Ion Ratio Lower Upper

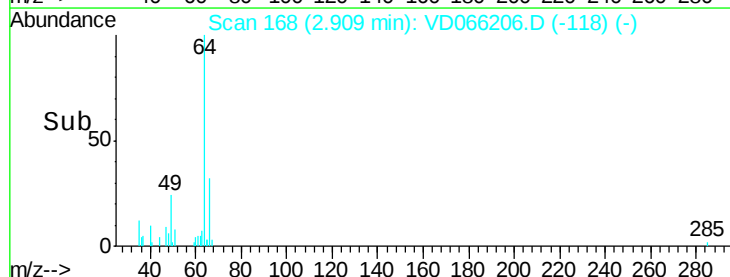
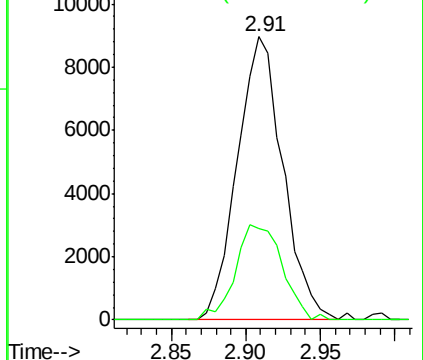
64 100

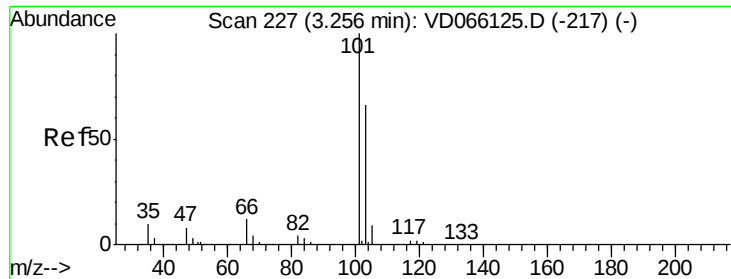
66 32.2 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

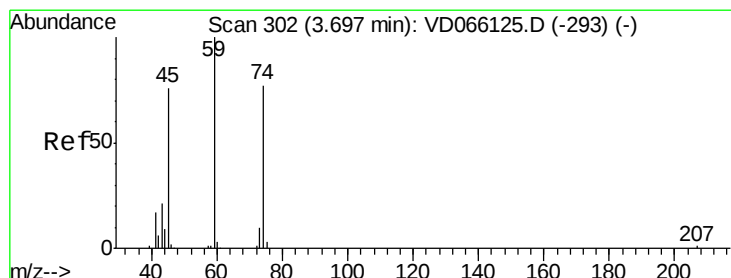
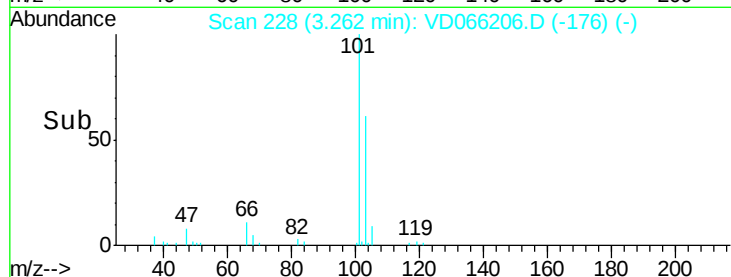
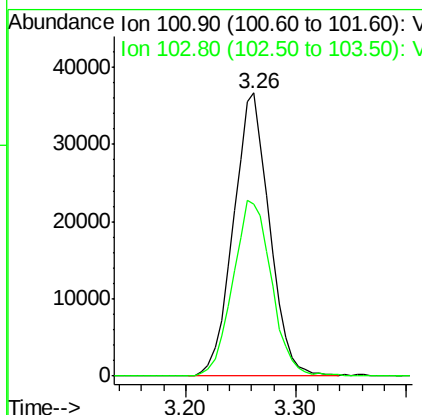
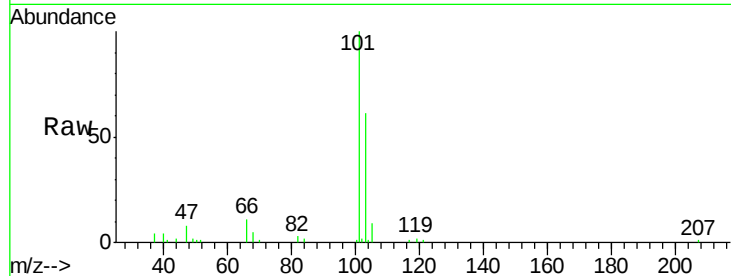
Trichlorofluoromethane
 Concen: 18.212 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	53.0	79.6

Manual Integrations
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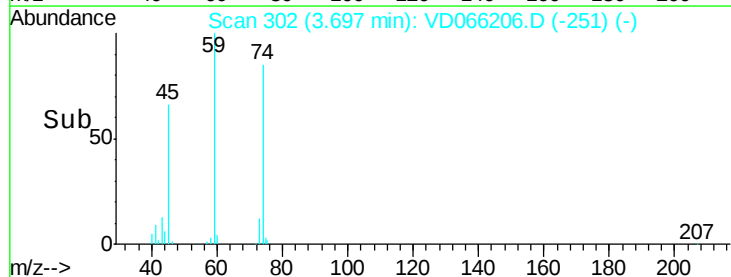
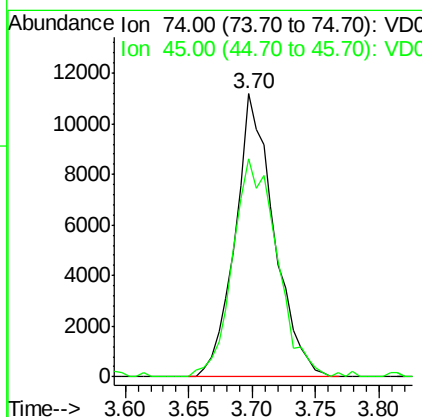
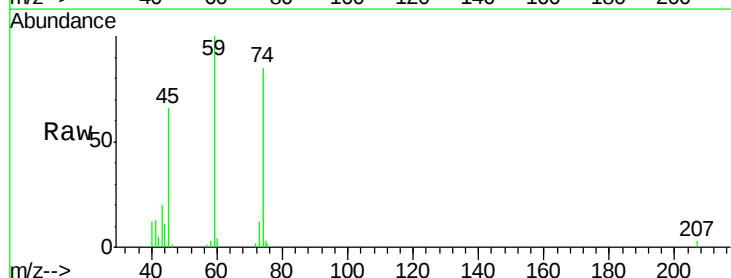
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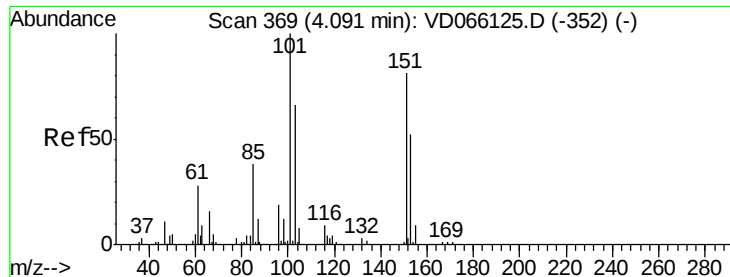


#8

Diethyl Ether
 Concen: 18.268 ug/l
 RT: 3.70 min Scan# 302
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.791 ug/l

RT: 4.07 min Scan# 366

Delta R.T. -0.02 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

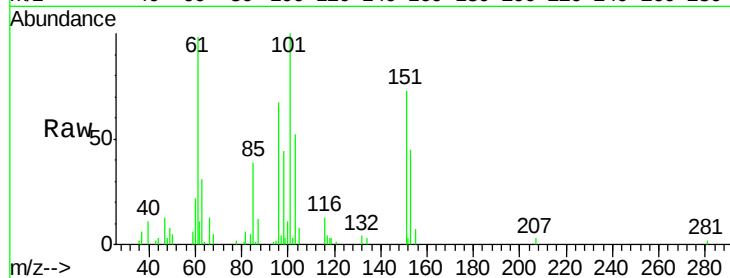
ClientSampleId :

VD0812SBSD01

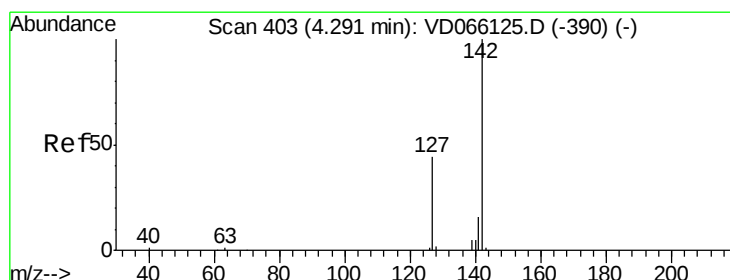
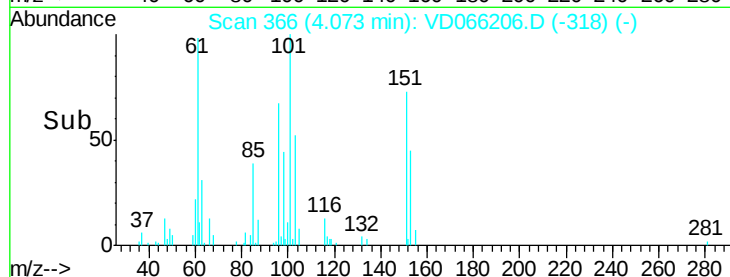
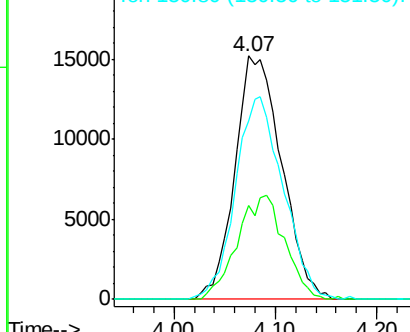
Tot Ion:	101	Resp:	48739
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.5	50.3
151	84.8	67.8	101.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.885 ug/l

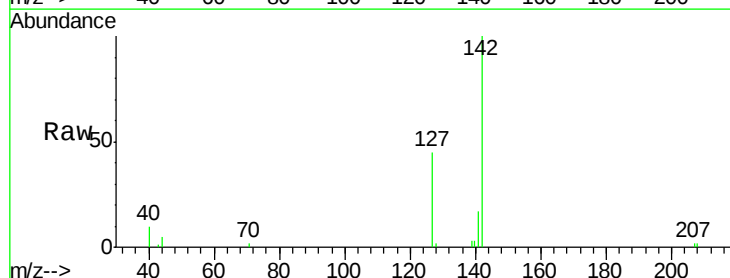
RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

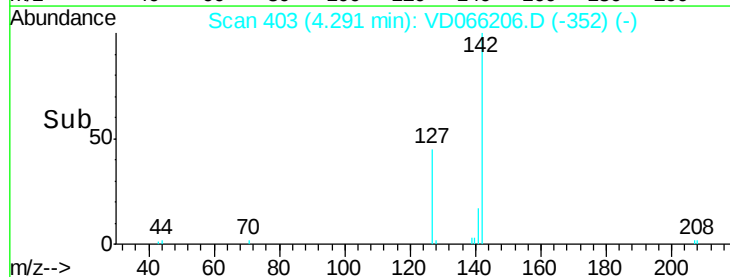
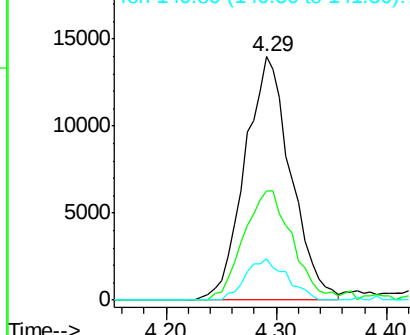
Lab File: VD066206.D

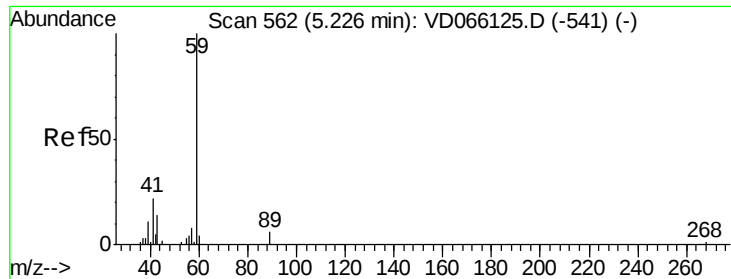
Acq: 12 Aug 2020 16:04

Tgt Ion:	142	Resp:	40833
Ion Ratio	Lower	Upper	
142	100		
127	47.6	36.2	54.4
141	15.2	12.6	18.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

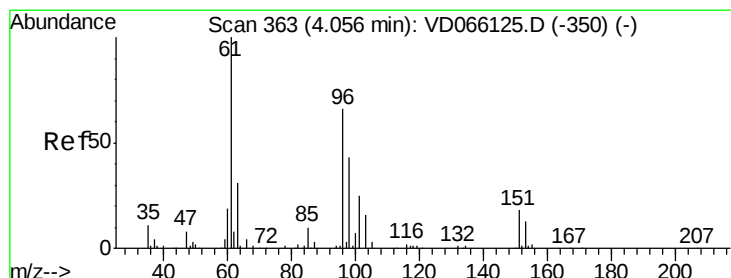
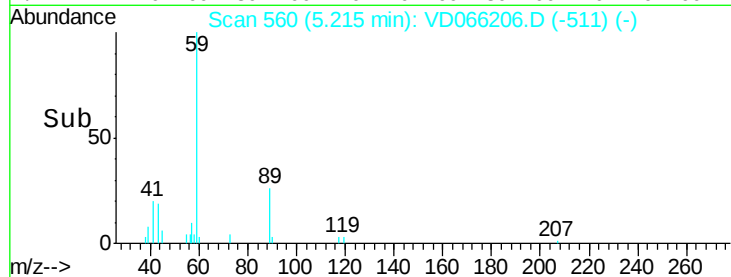
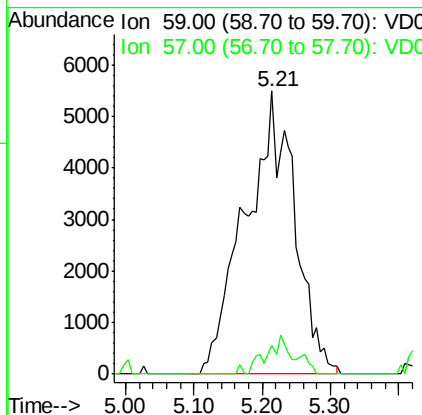
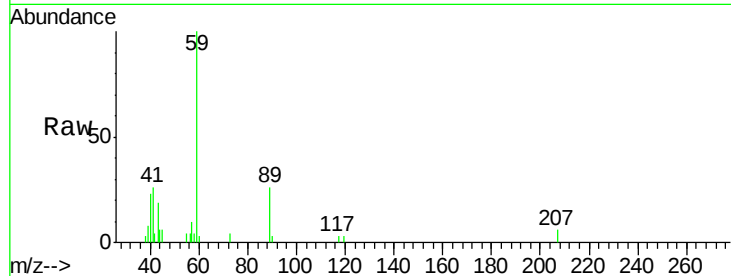
Tert butyl alcohol
 Concen: 121.798 ug/l m
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	27465		
57	3.1	7.0	10.4#	

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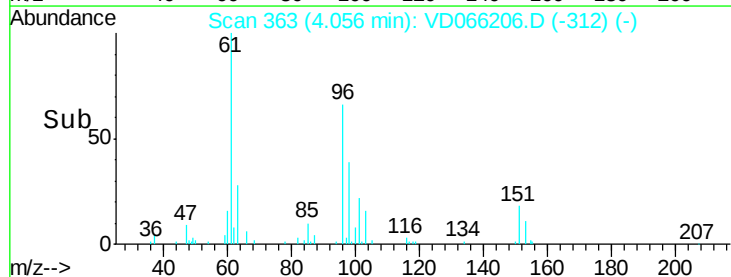
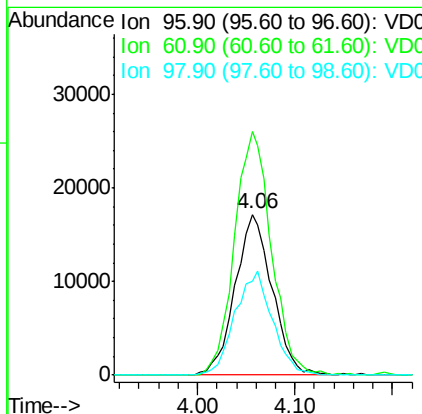
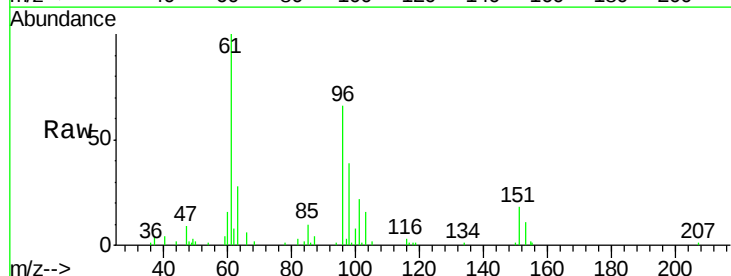
MMDadoda
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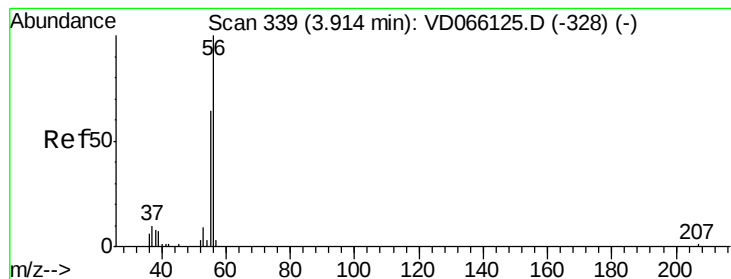


#12

1,1-Dichloroethene
 Concen: 17.491 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	45202		
61	151.3	121.6	182.4	
98	58.6	52.0	78.0	





#13

Acrolein

Concen: 72.364 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBSD01

Tot Ion: 56 Resp: 14996

Ion Ratio Lower Upper

56 100

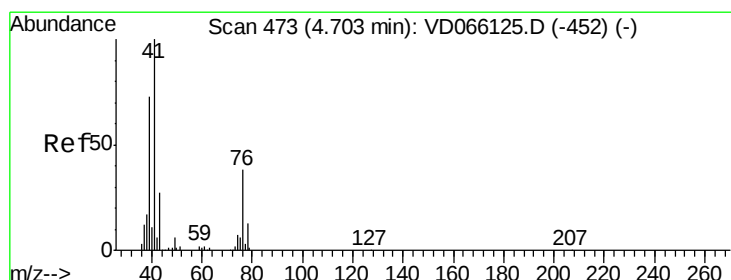
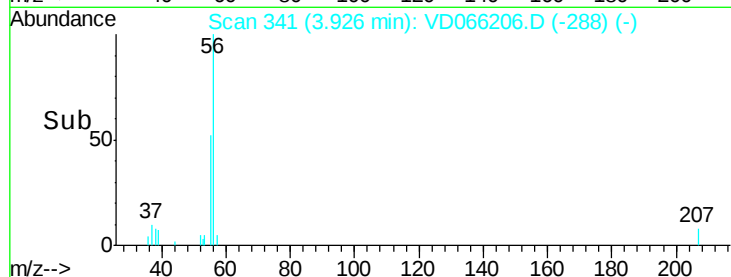
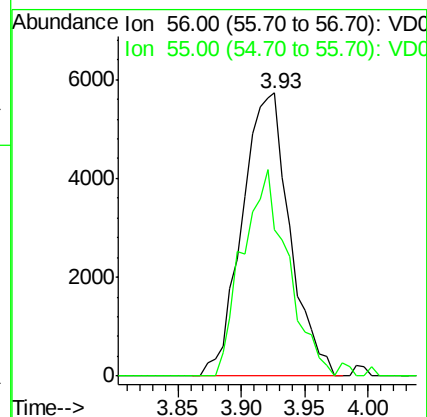
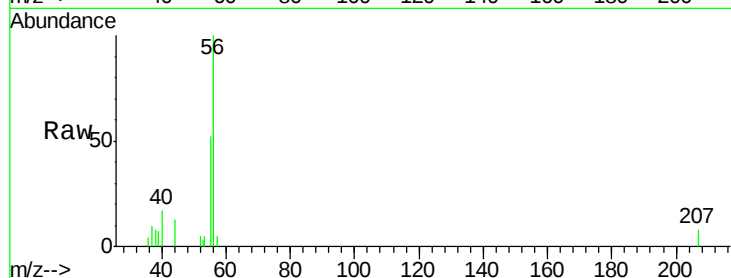
55 68.9 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 16.353 ug/l

RT: 4.70 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

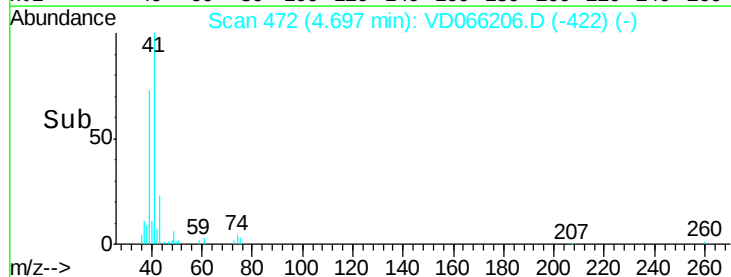
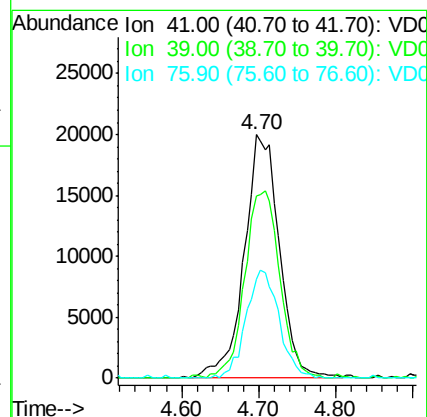
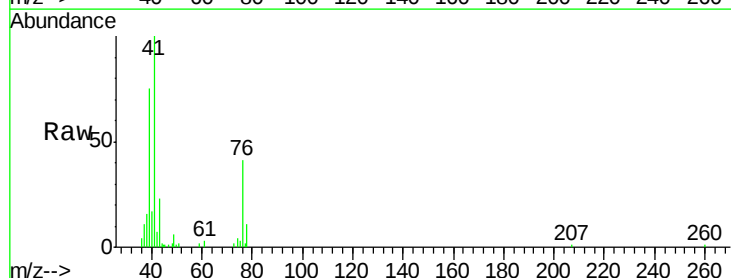
Tgt Ion: 41 Resp: 64025

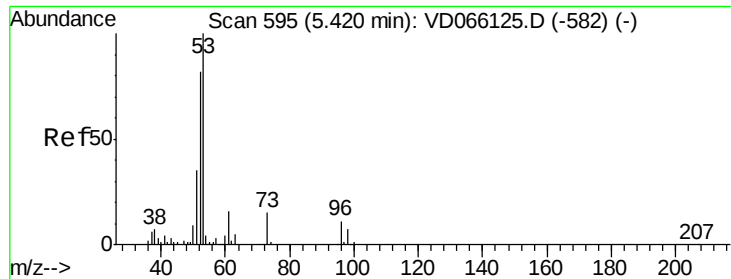
Ion Ratio Lower Upper

41 100

39 76.7 57.4 86.0

76 41.3 30.1 45.1





#15

Acrylonitrile

Concen: 94.369 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

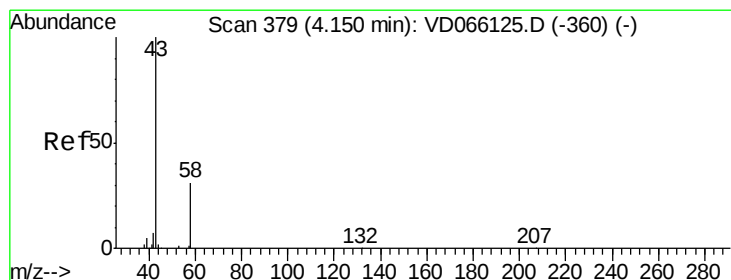
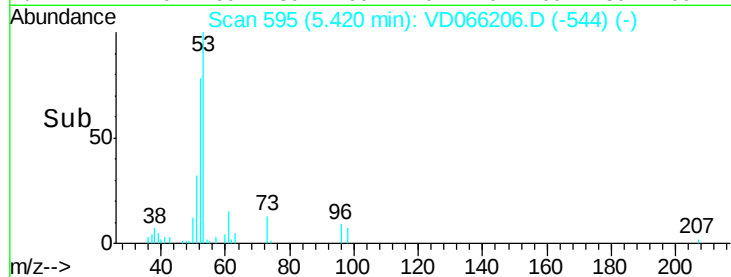
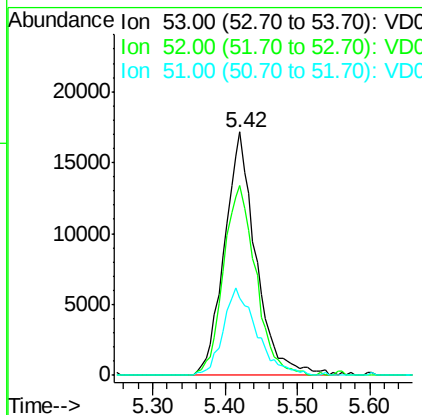
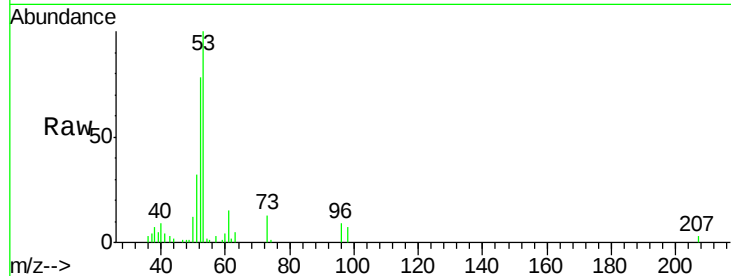
ClientSampleId :

VD0812SBSD01

Tot Ion:	53	Resp:	51796
Ion Ratio	Lower	Upper	
53	100		
52	79.8	66.1	99.1
51	38.1	30.8	46.2

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#16

Acetone

Concen: 82.320 ug/l

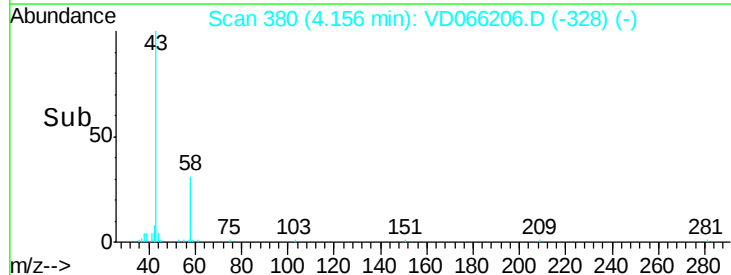
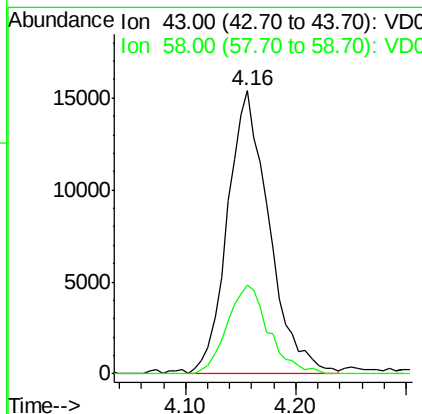
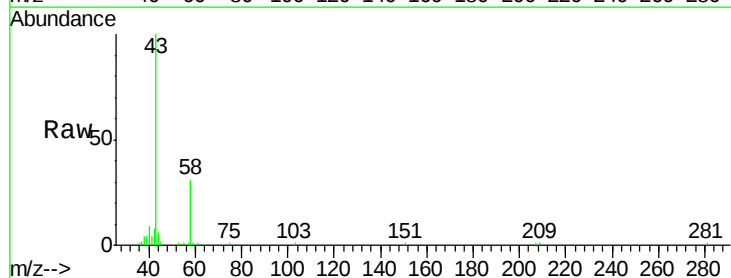
RT: 4.16 min Scan# 380

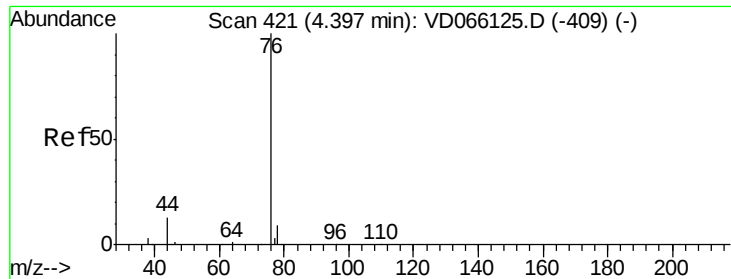
Delta R.T. 0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Tgt Ion:	43	Resp:	40665
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.7	37.1





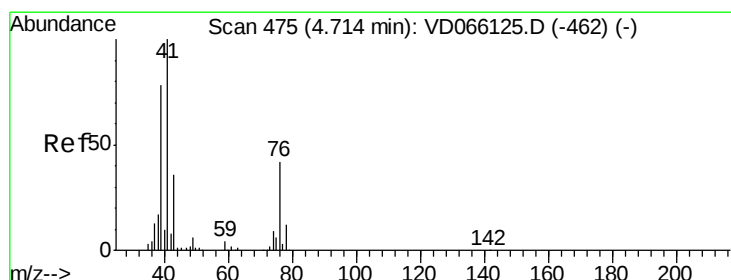
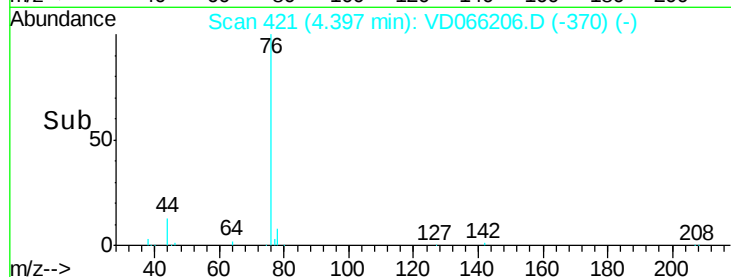
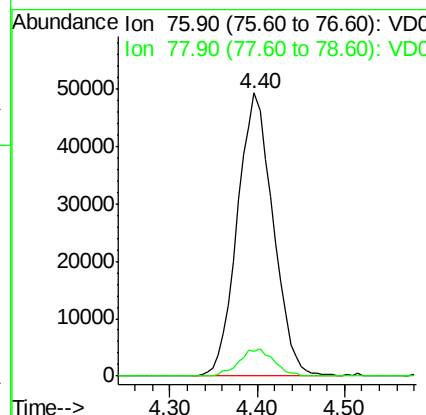
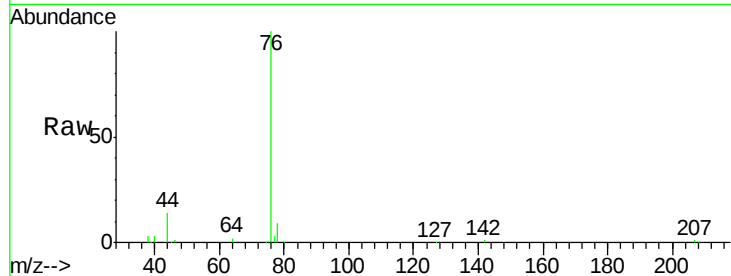
#17
Carbon Disulfide
Concen: 16.628 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

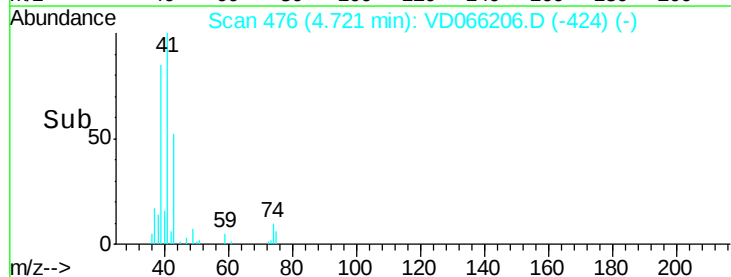
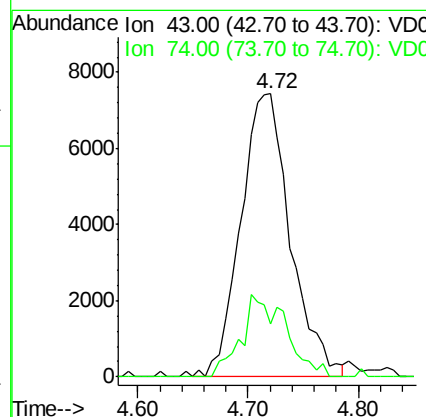
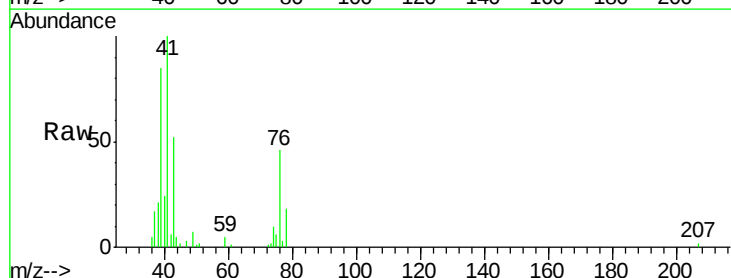
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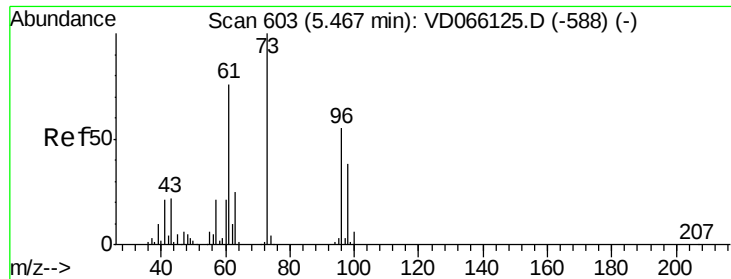
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#18
Methyl Acetate
Concen: 18.646 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.2	31.8





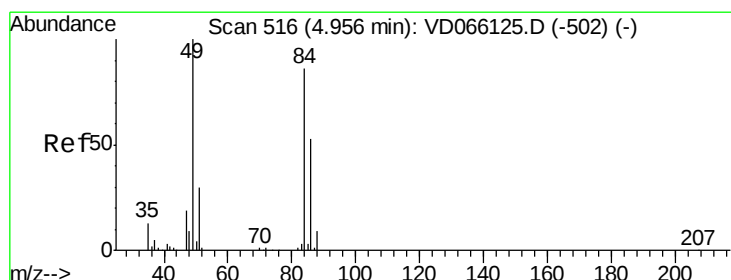
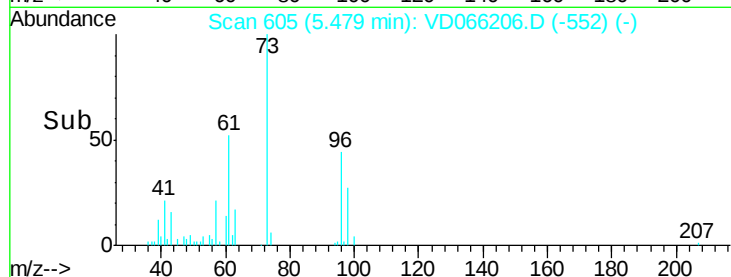
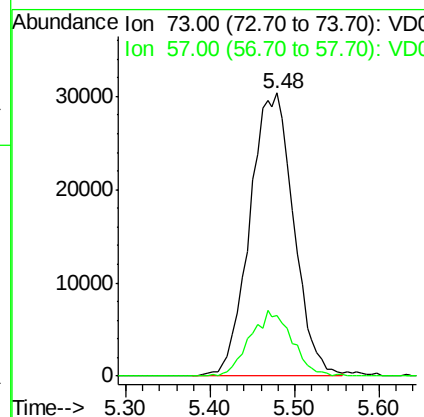
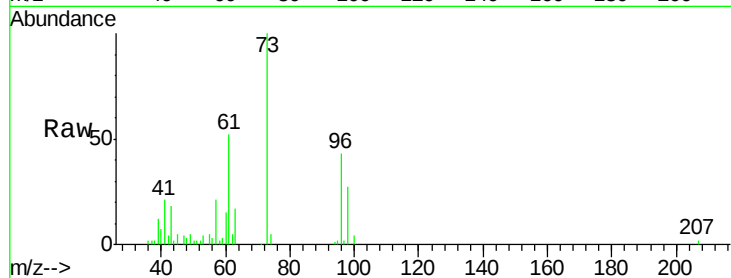
#19
Methvl tert-butvl Ether
Concen: 18.452 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBS01

Tot Ion: 73 Resp: 109298
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7

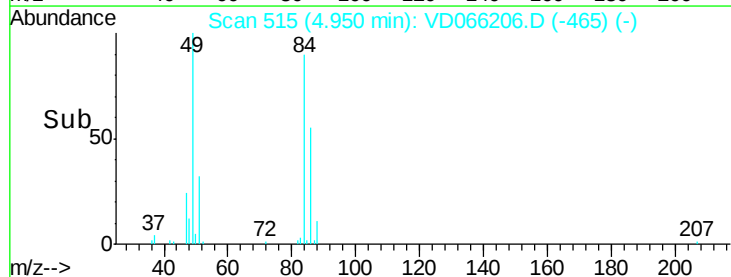
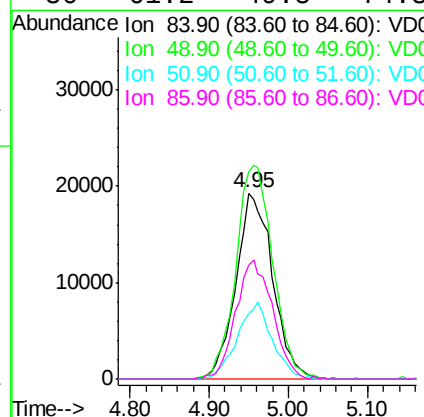
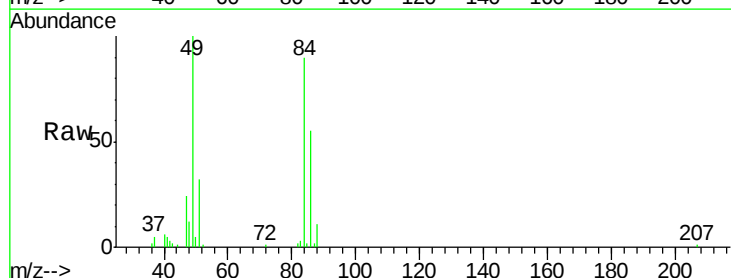
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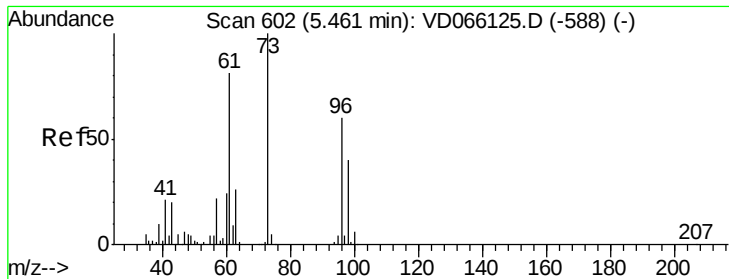
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#20
Methylene Chloride
Concen: 18.903 ug/l
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion: 84 Resp: 61856
Ion Ratio Lower Upper
84 100
49 111.3 93.5 140.3
51 35.4 28.2 42.4
86 61.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 17.462 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

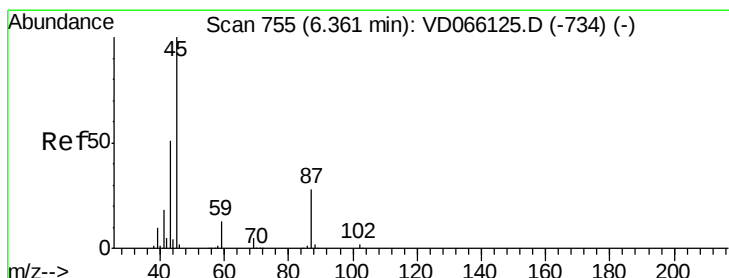
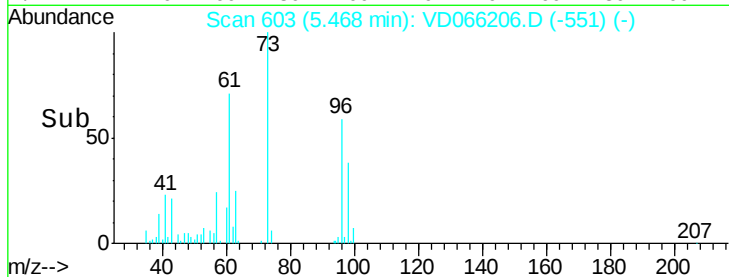
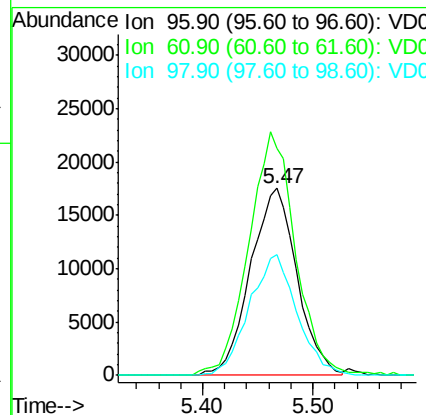
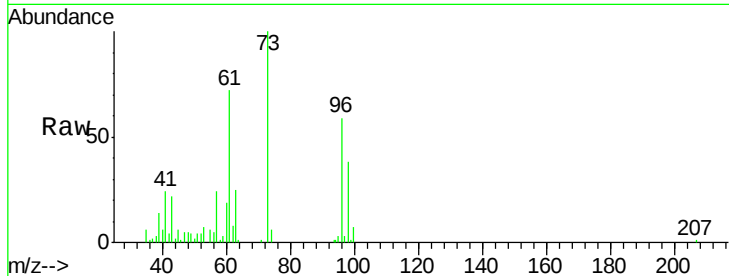
ClientSampleId :

VD0812SBS01

Tot Ion:	96	Resp:	51841
Ion	Ratio	Lower	Upper
96	100		
61	121.6	106.9	160.3
98	64.9	53.4	80.0

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#22

Diisopropyl ether

Concen: 18.950 ug/l

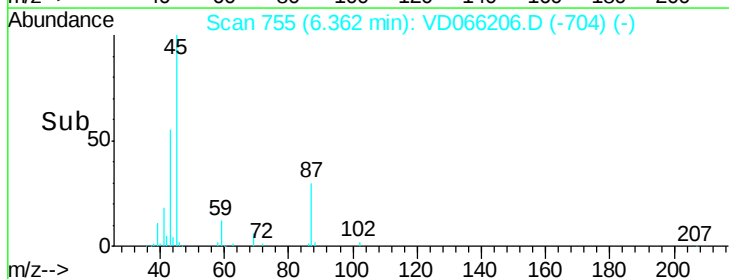
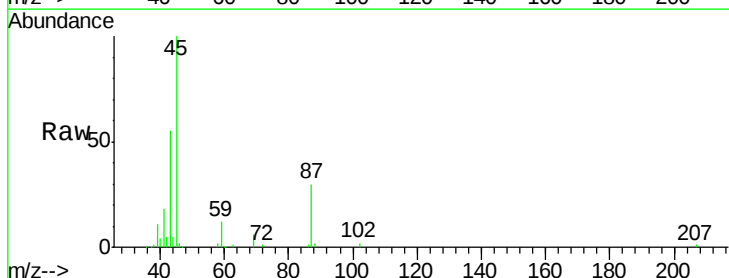
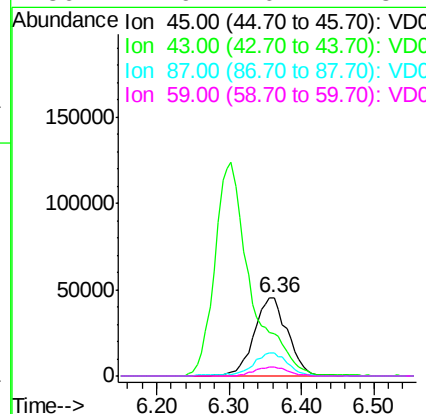
RT: 6.36 min Scan# 755

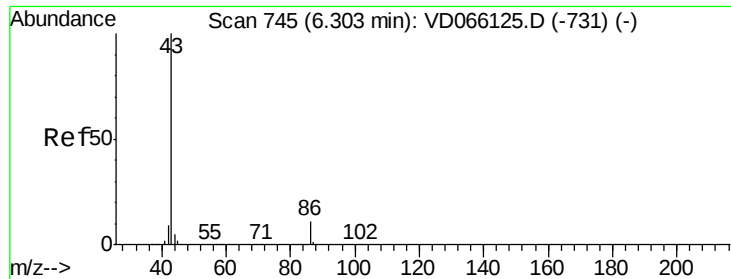
Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Tgt Ion:	45	Resp:	146722
Ion	Ratio	Lower	Upper
45	100		
43	53.4	41.2	61.8
87	29.4	22.8	34.2
59	11.9	10.2	15.2





#23

Vinyl Acetate

Concen: 93.581 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion: 43 Resp: 424470

Ion Ratio Lower Upper

43 100

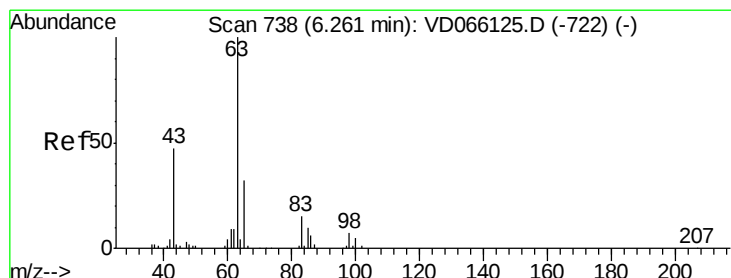
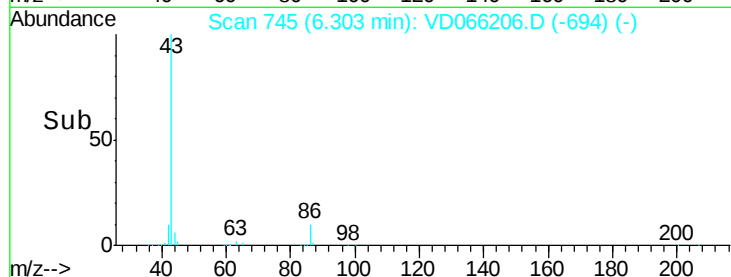
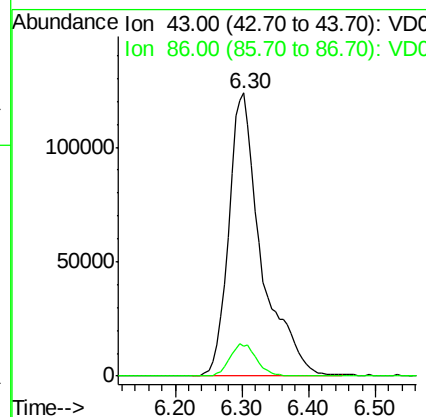
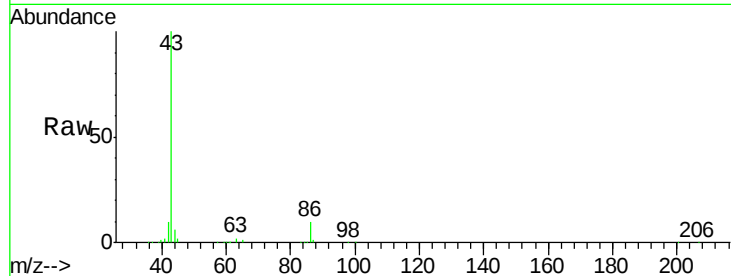
86 10.4 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 18.016 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

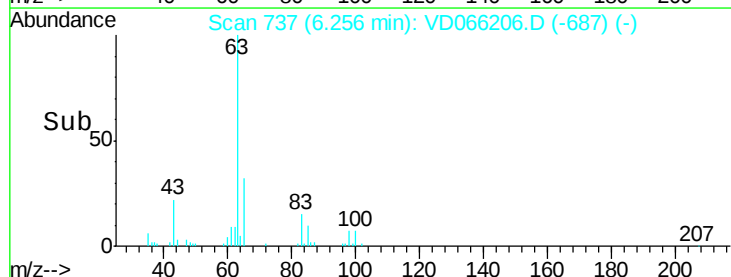
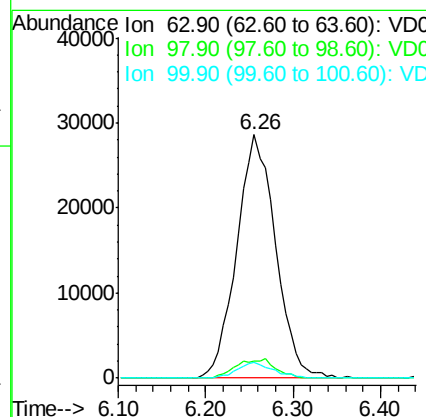
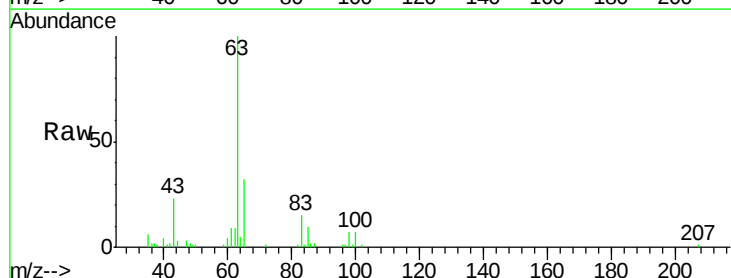
Tgt Ion: 63 Resp: 86322

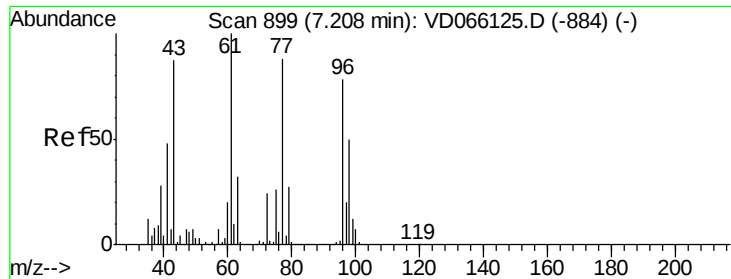
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 6.6 2.4 7.2





#25

2-Butanone

Concen: 91.951 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion: 43 Resp: 66808

Ion Ratio Lower Upper

43 100

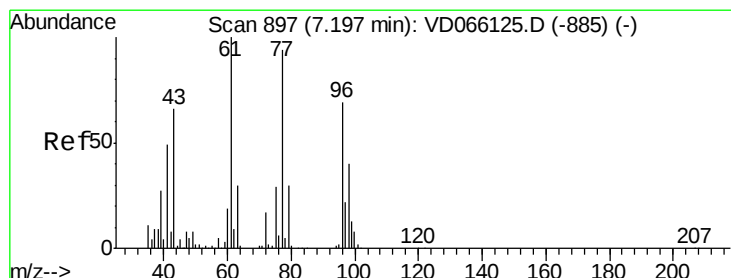
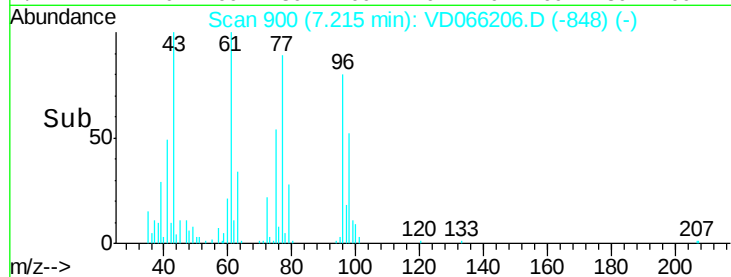
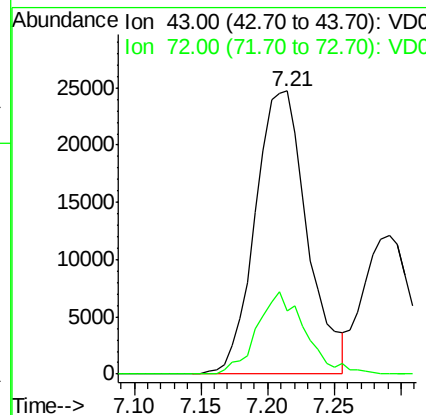
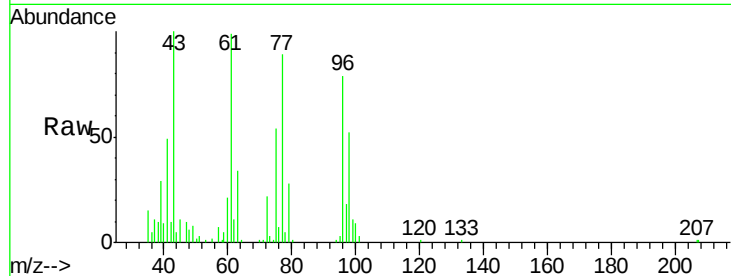
72 22.2 22.2 33.2#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.514 ug/l

RT: 7.20 min Scan# 897

Delta R.T. 0.00 min

Lab File: VD066206.D

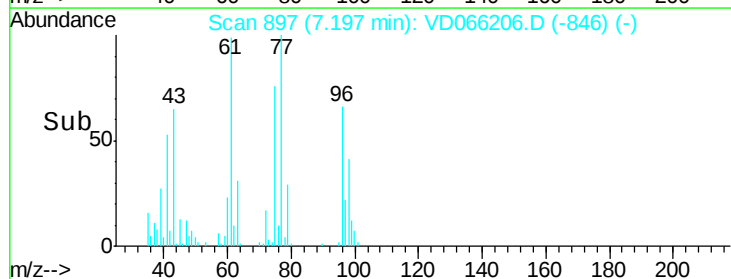
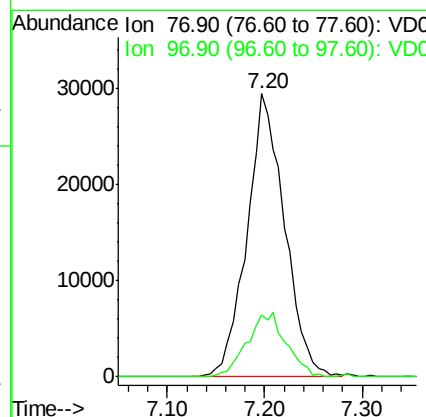
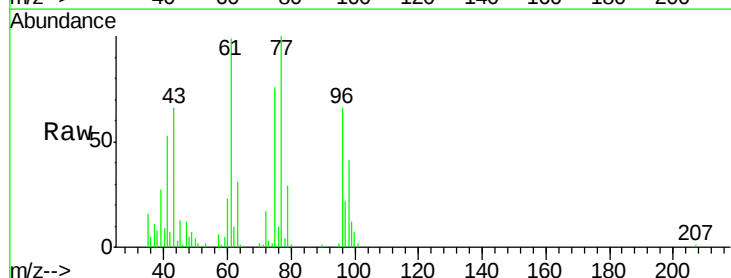
Acq: 12 Aug 2020 16:04

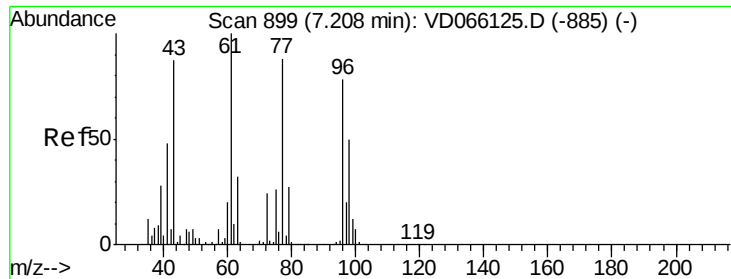
Tgt Ion: 77 Resp: 79510

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





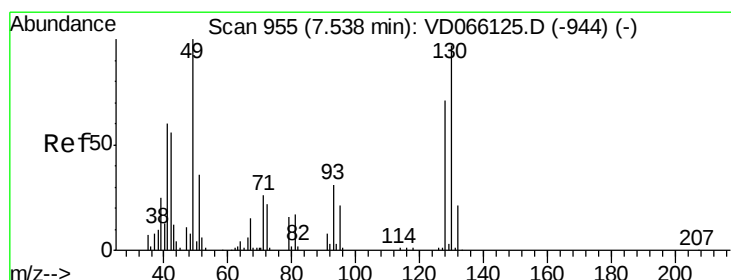
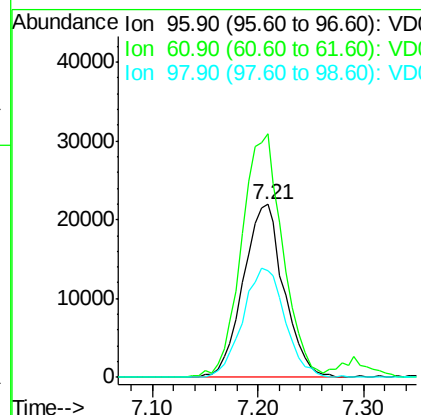
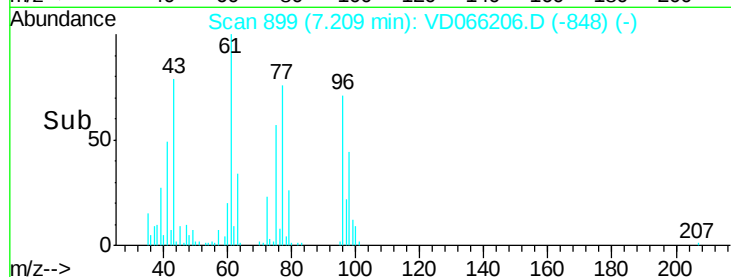
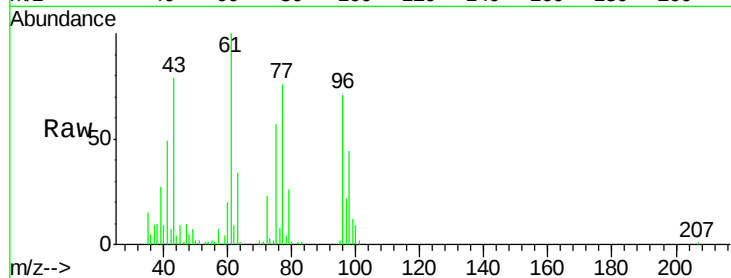
#27
 cis-1,2-Dichloroethene
 Concen: 18.809 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58569		
61	142.6	0.0	281.6	
98	65.6	0.0	130.8	

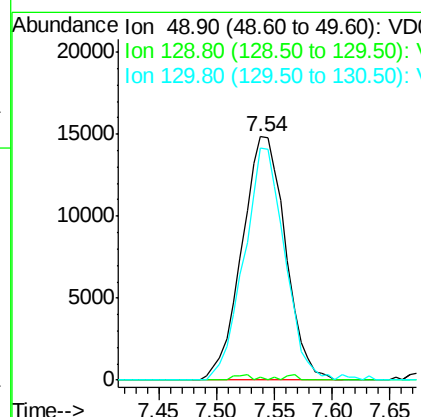
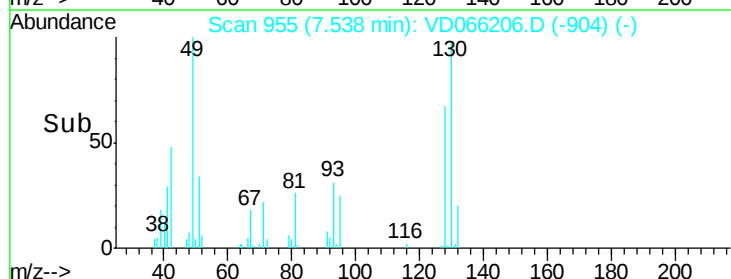
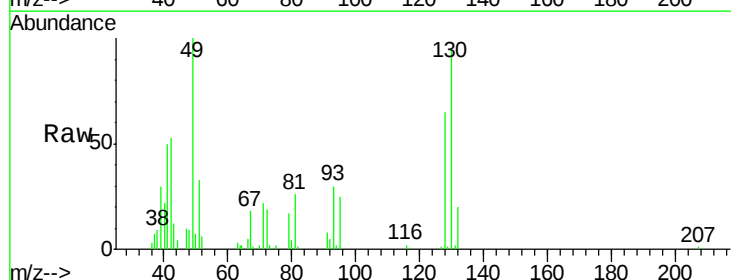
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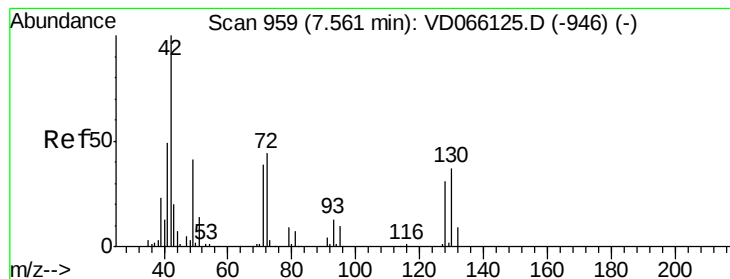
MMDadoda
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#28
 Bromochloromethane
 Concen: 23.169 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38992		
129	1.0	0.0	6.0	
130	88.9	73.8	110.6	





#29

Tetrahydrofuran

Concen: 95.577 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

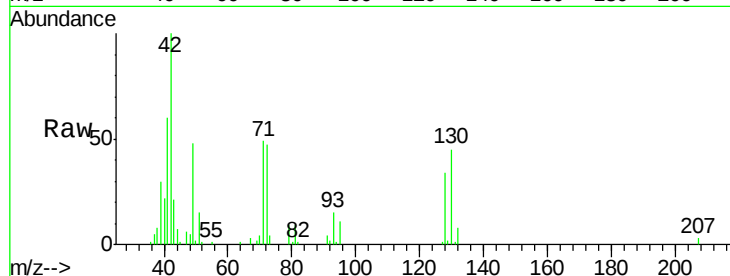
ClientSampleId :

VD0812SBS01

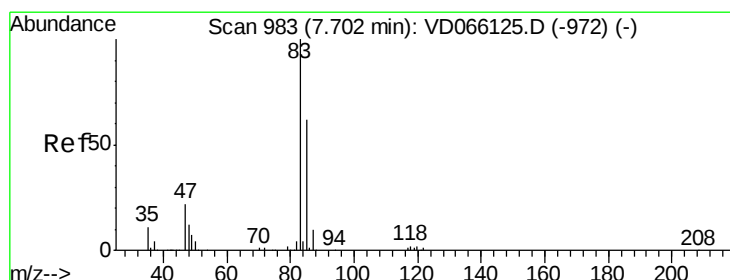
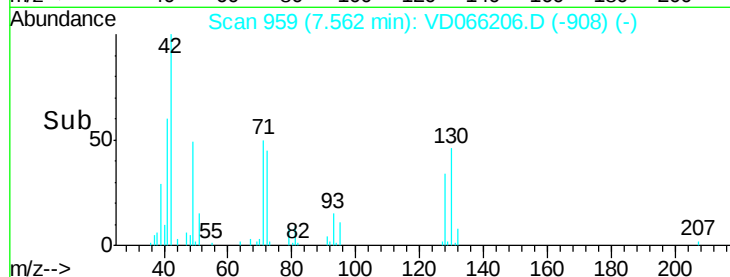
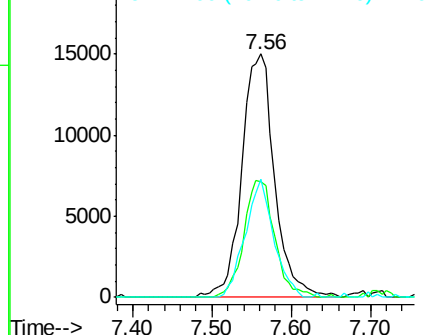
Tot Ion:	42	Resp:	43024
Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.8	52.2
71	42.3	33.5	50.3

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Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.459 ug/l

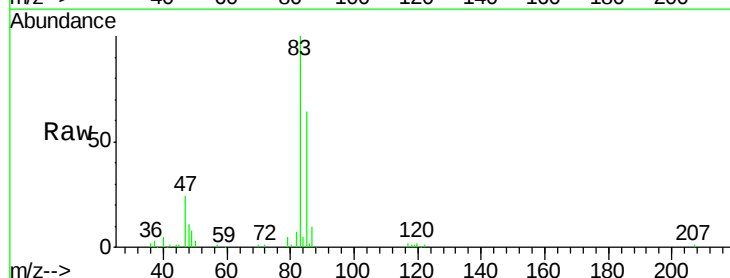
RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

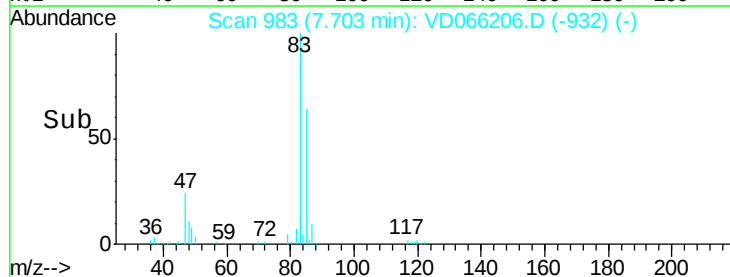
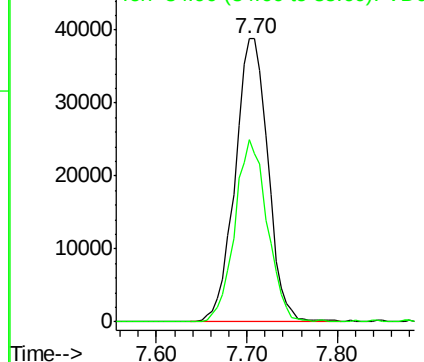
Lab File: VD066206.D

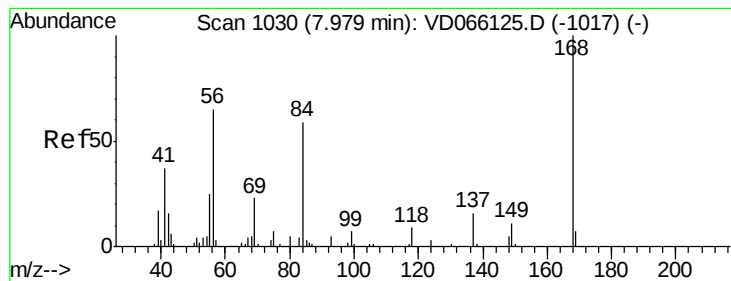
Acq: 12 Aug 2020 16:04

Tgt Ion:	83	Resp:	97902
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.5	74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 17.655 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion: 56 Resp: 80528

Ion Ratio Lower Upper

56 100

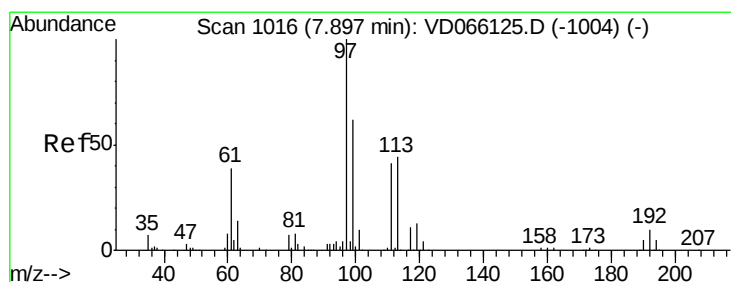
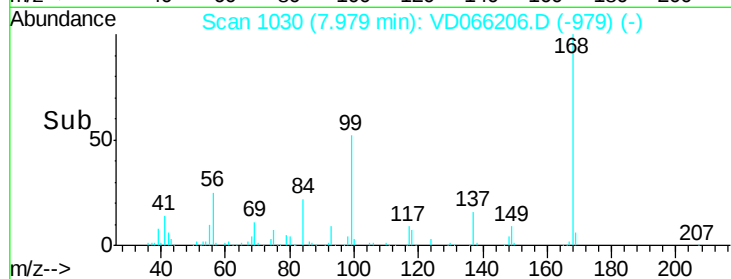
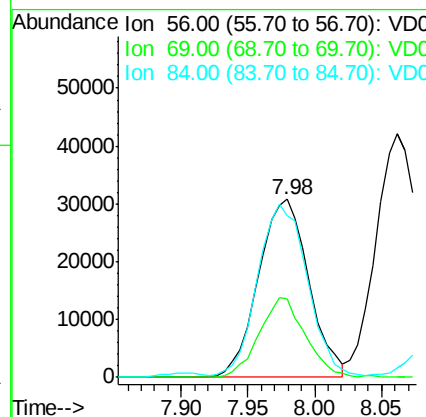
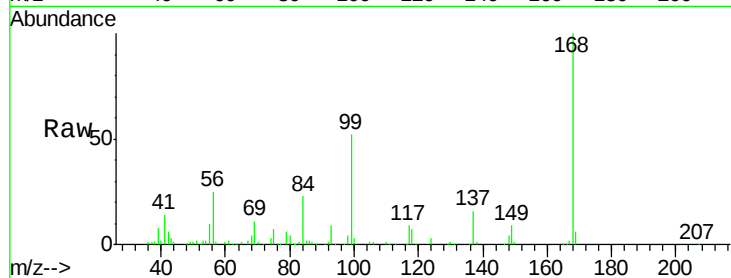
69 44.0 28.8 43.2#

84 88.6 73.0 109.6

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#32

1,1,1-Trichloroethane

Concen: 18.990 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

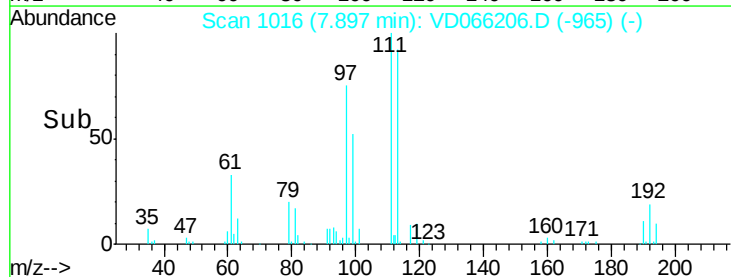
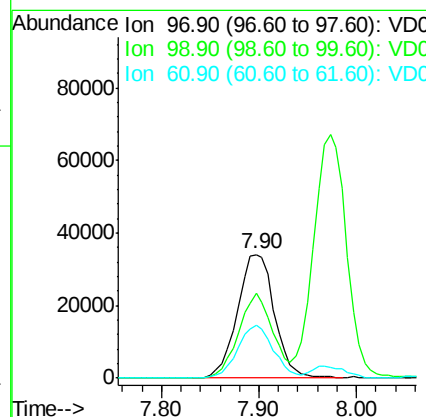
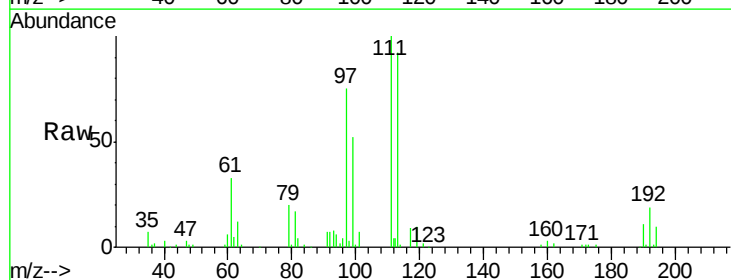
Tgt Ion: 97 Resp: 89582

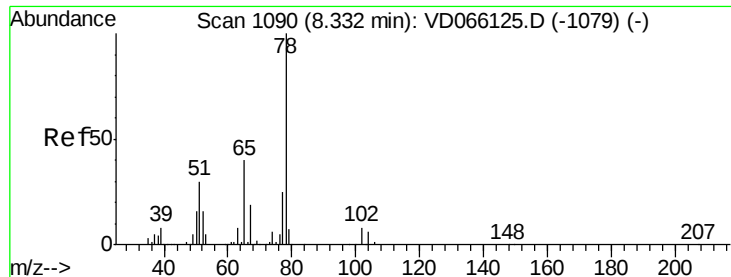
Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 41.6 32.7 49.1





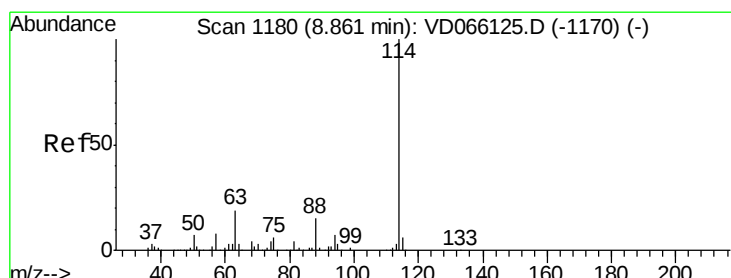
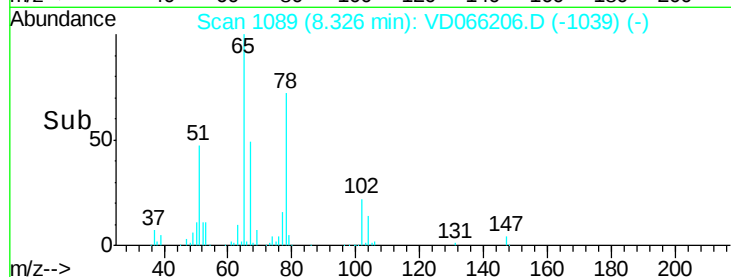
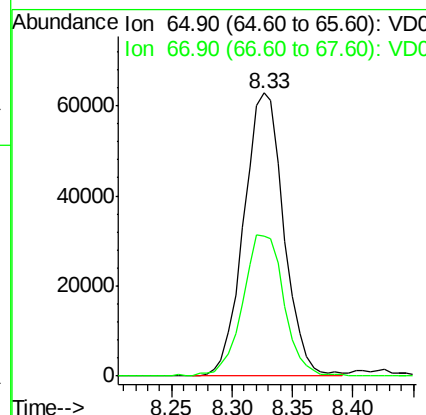
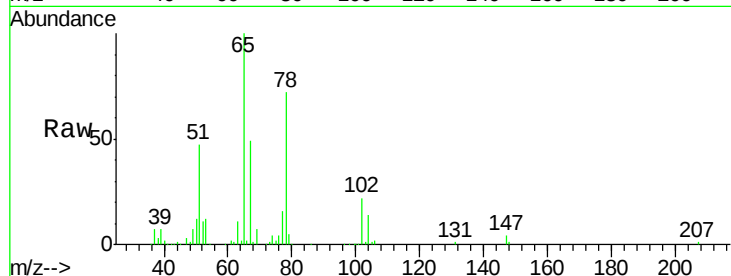
#33
 1,2-Dichloroethane-d4
 Concen: 55.612 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	144783		
67	51.6	0.0	104.6	

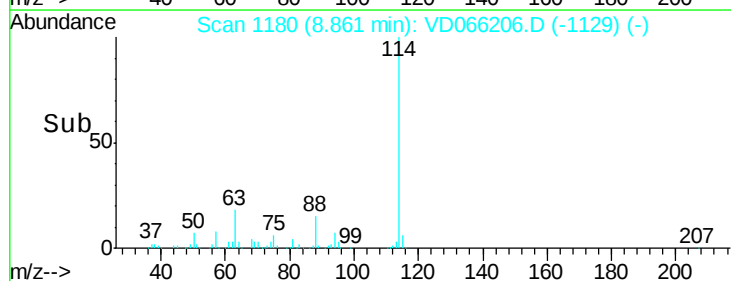
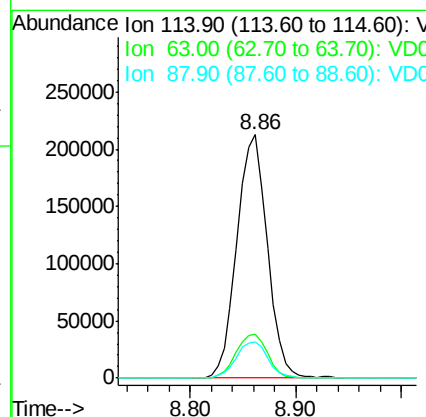
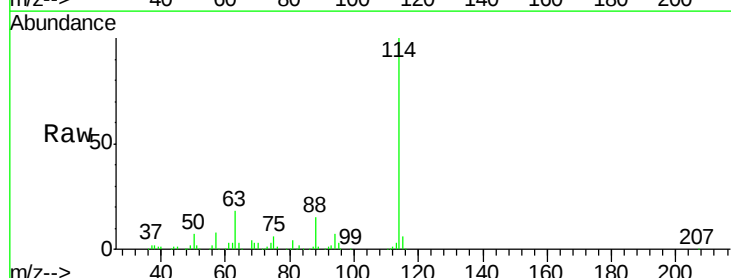
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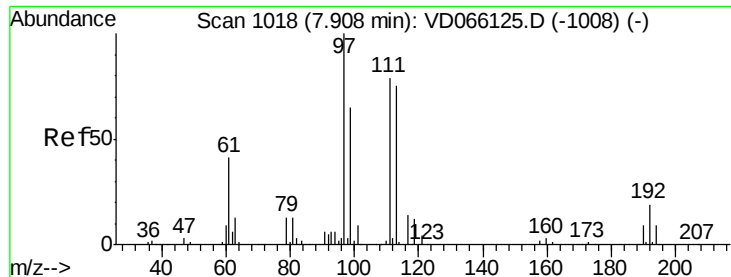
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	424618		
63	17.9	0.0	38.6	
88	15.1	0.0	30.0	





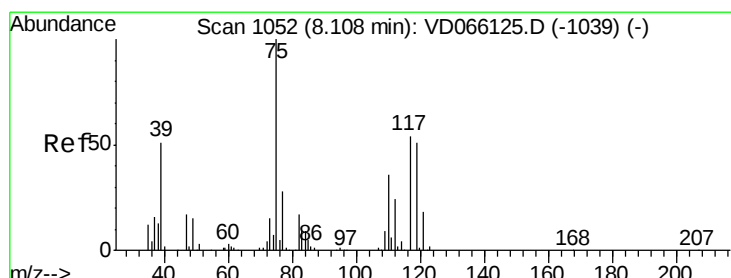
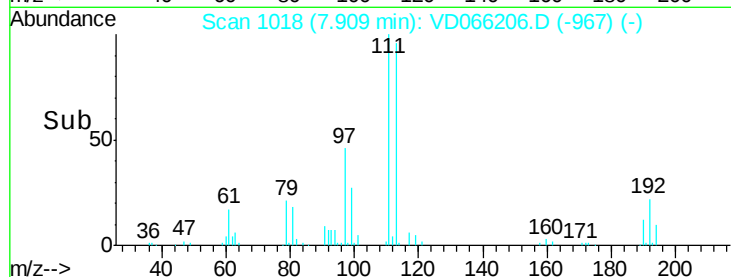
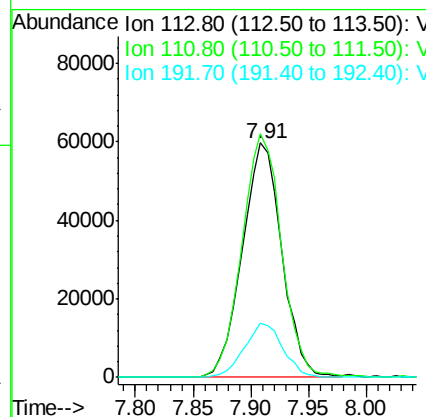
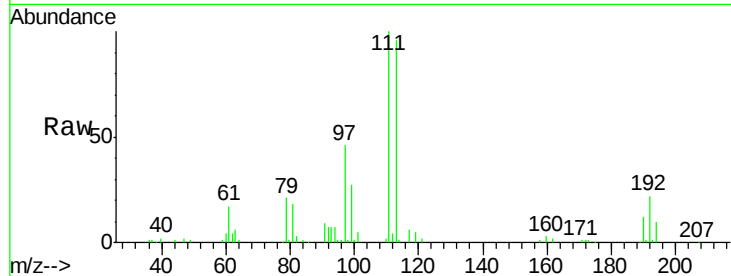
#35
 Dibromofluoromethane
 Concen: 52.793 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142009		
111	104.5	80.7	121.1	
192	22.8	18.4	27.6	

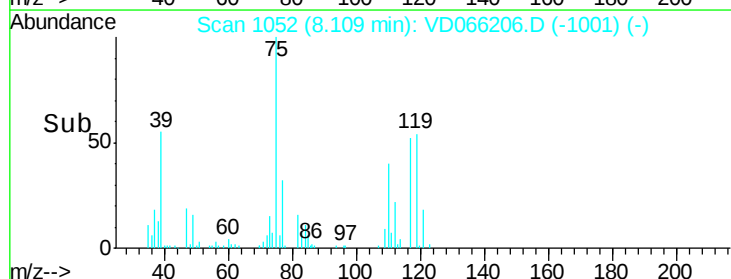
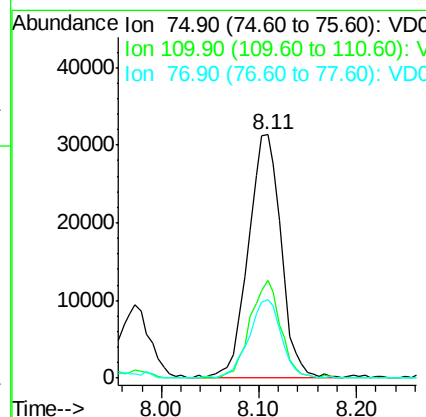
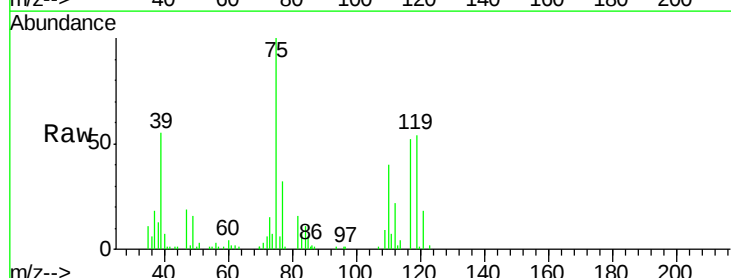
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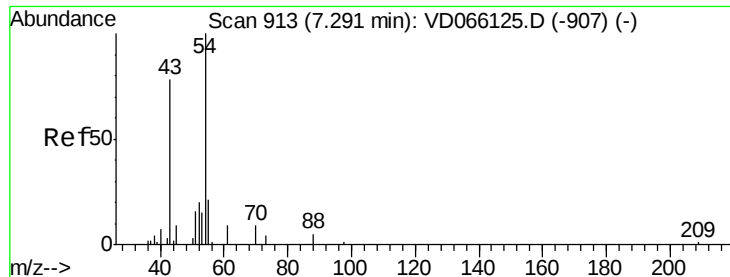
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#36
 1,1-Dichloropropene
 Concen: 18.424 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73512		
110	37.3	18.8	56.3	
77	32.3	24.2	36.2	





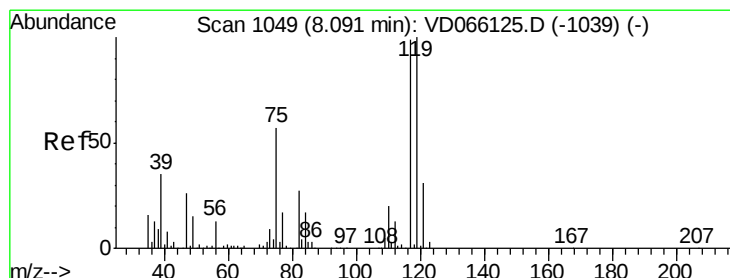
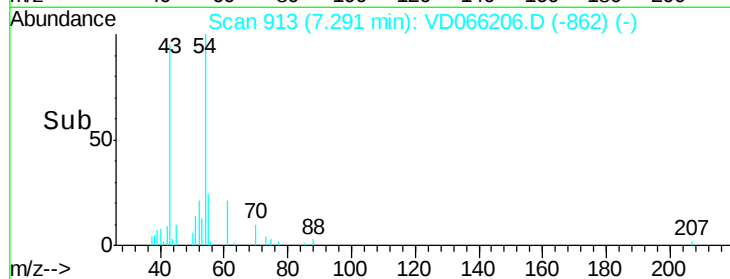
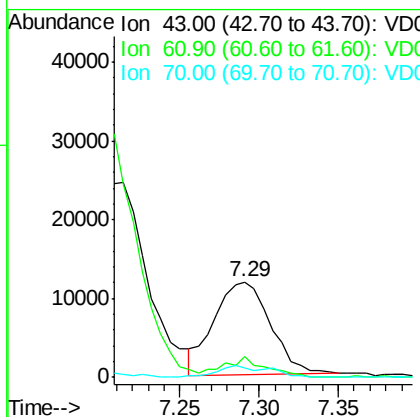
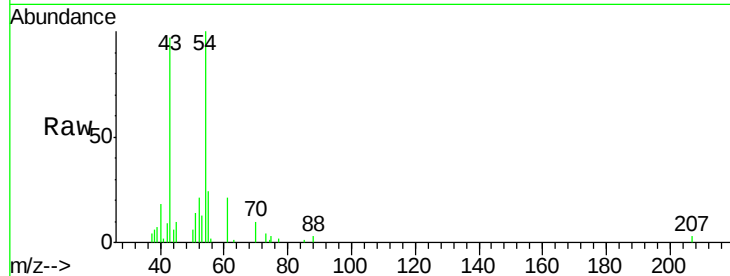
#37
Ethyl Acetate
Concen: 18.375 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.0	18.0
70	7.6	9.7	14.5

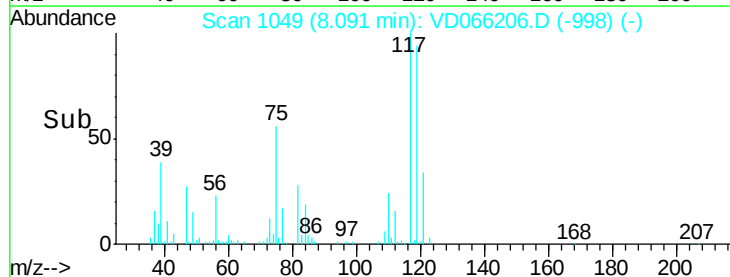
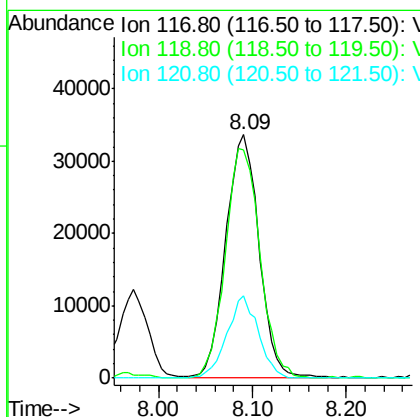
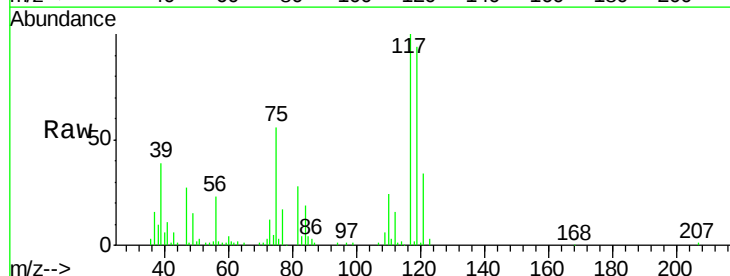
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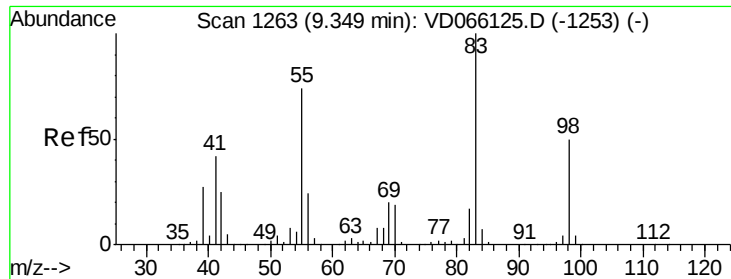
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#38
Carbon Tetrachloride
Concen: 18.678 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	81.0	121.4
121	33.8	24.8	37.2





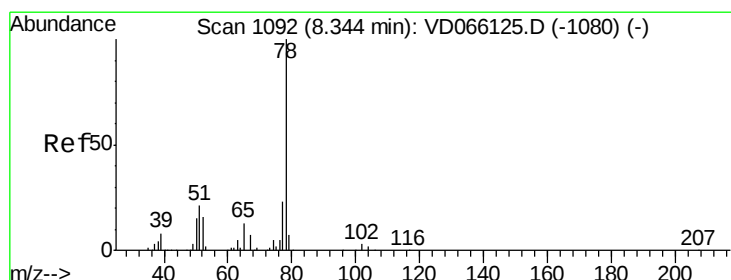
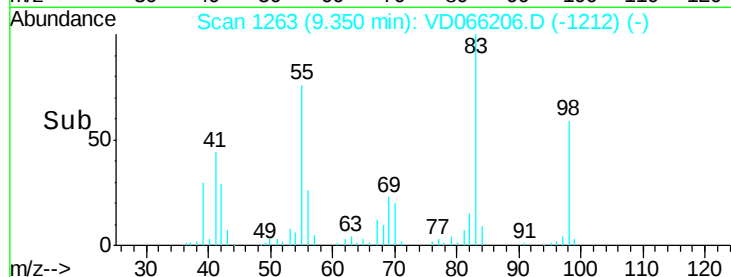
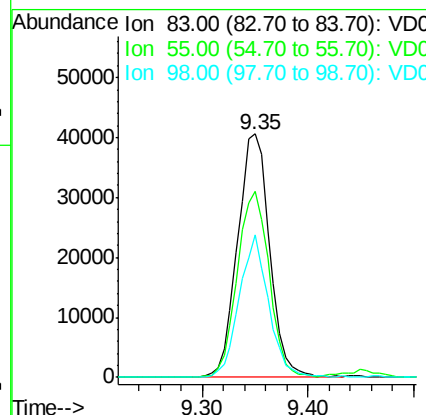
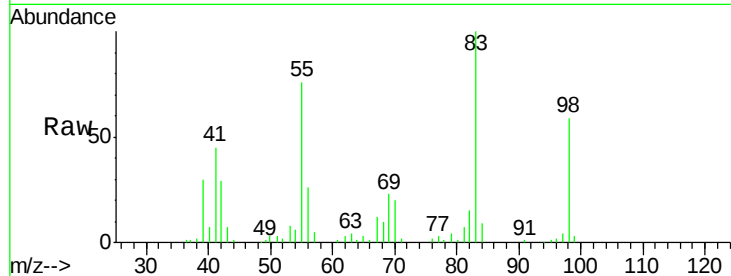
#39
Methvlcvclohexane
Concen: 17.732 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	83	Resp	85531
Ion Ratio	100	Lower	Upper
83	100		
55	76.4	59.2	88.8
98	58.7	39.8	59.6

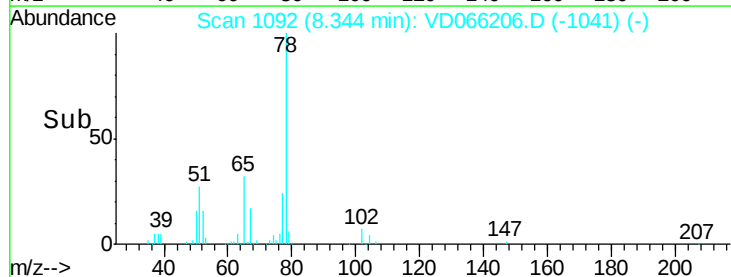
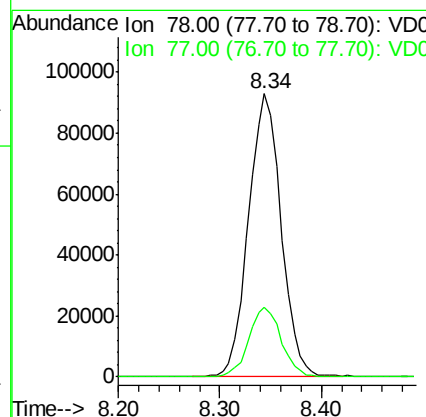
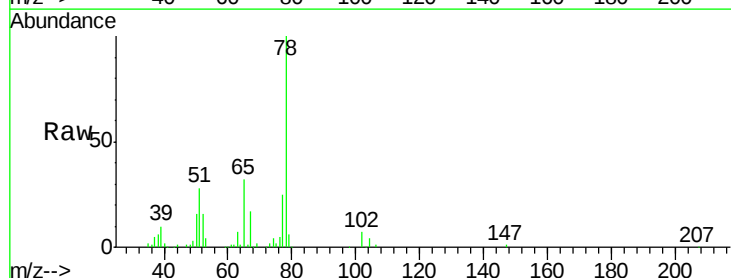
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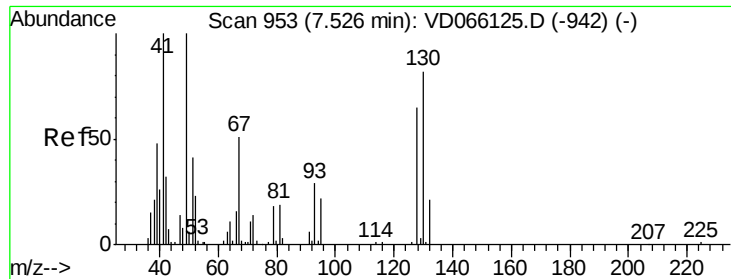
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#40
Benzene
Concen: 18.745 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	78	Resp	207491
Ion Ratio	100	Lower	Upper
78	100		
77	24.6	18.6	27.8





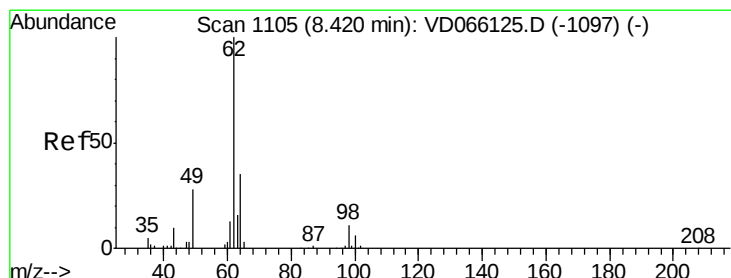
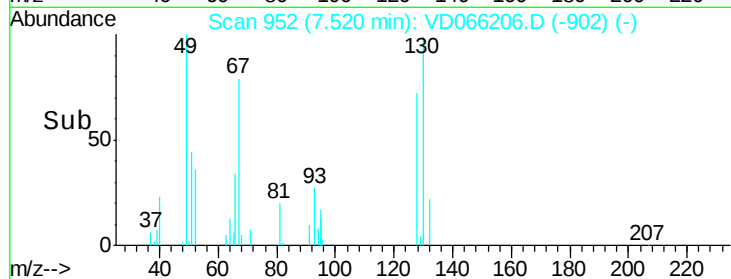
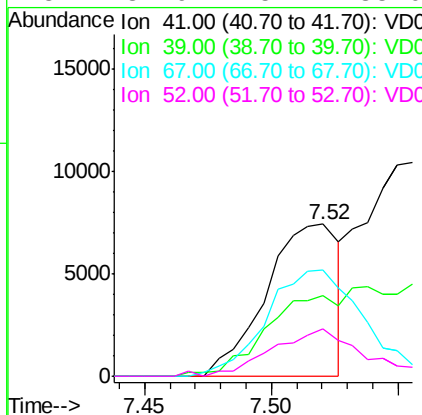
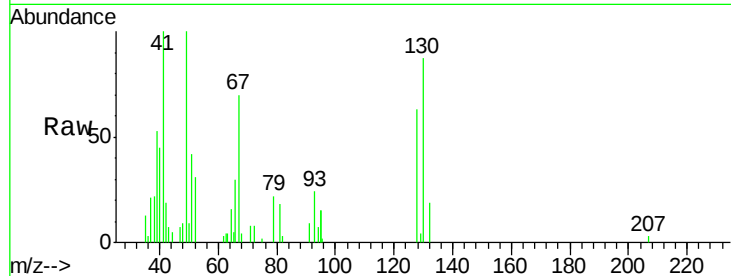
#41
Methacrylonitrile
Concen: 15.954 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	92.8	59.1	88.7#
52	37.9	25.4	38.0

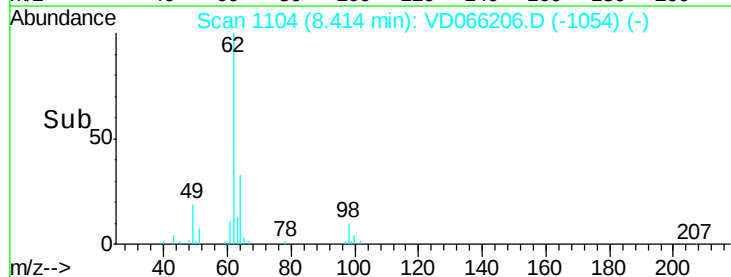
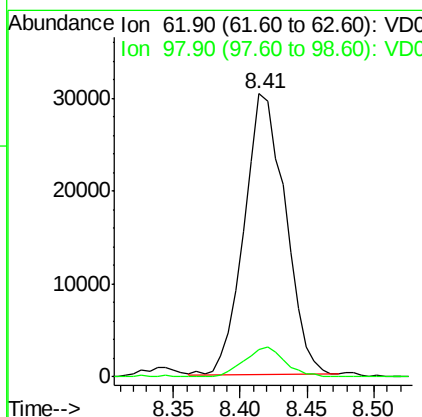
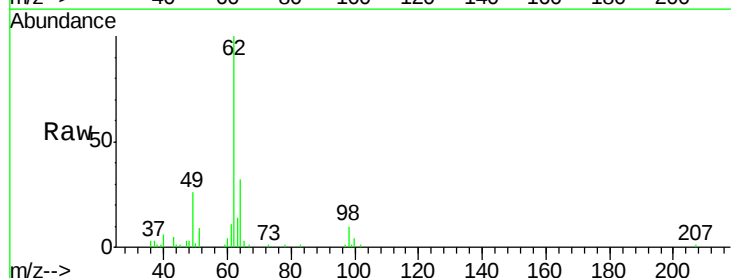
Manual Integrations
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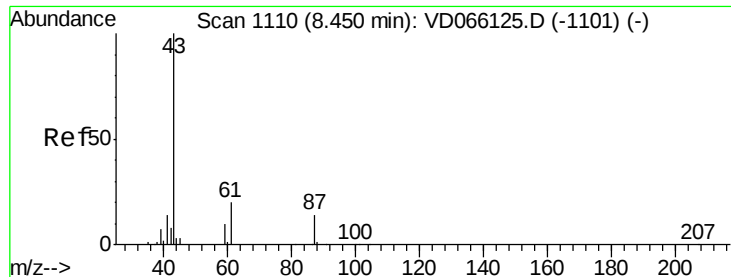
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#42
1,2-Dichloroethane
Concen: 19.934 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





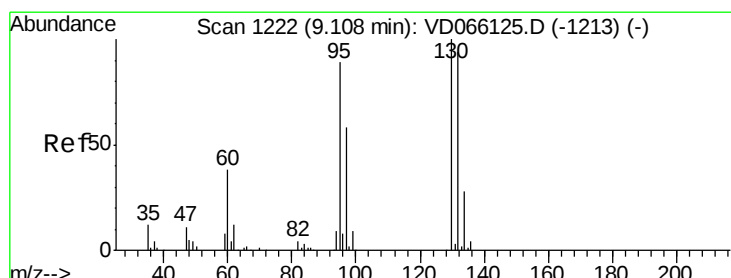
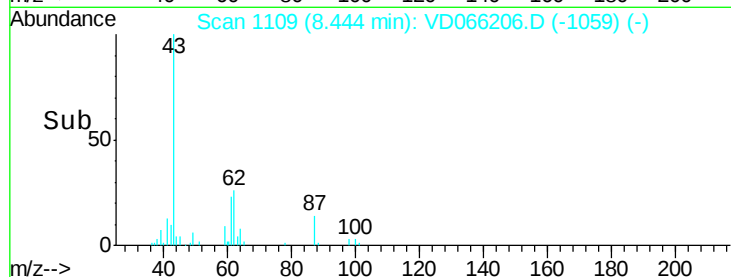
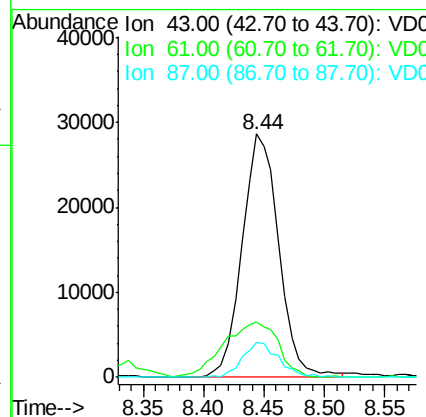
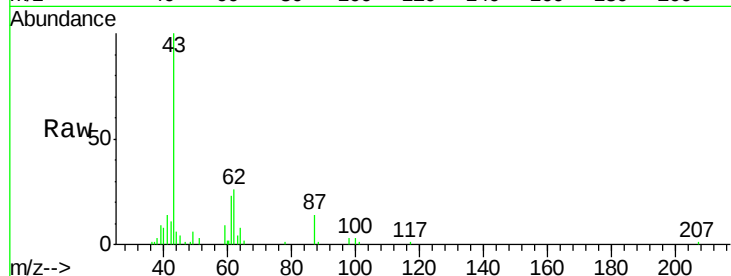
#43
Isopropyl Acetate
Concen: 19.471 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	25.5	38.3
87	14.3	11.2	16.8

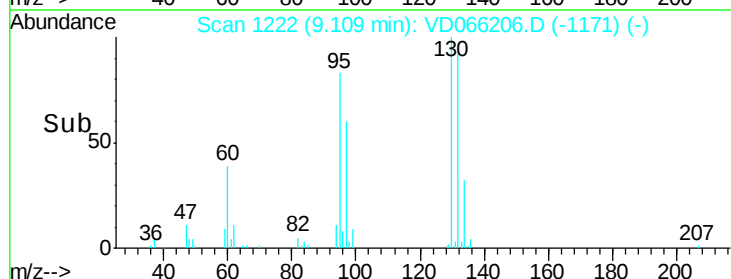
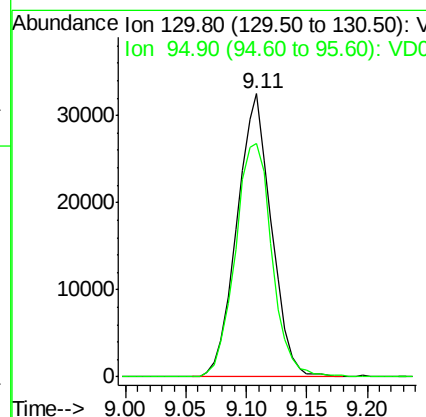
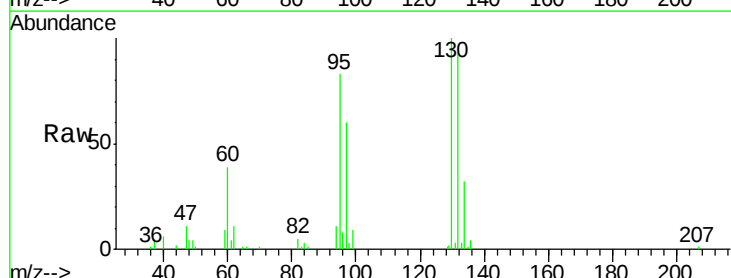
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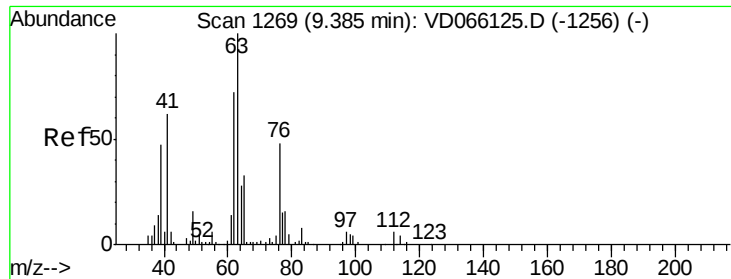
MMDadoda
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#44
Trichloroethene
Concen: 19.320 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.5	0.0	178.4





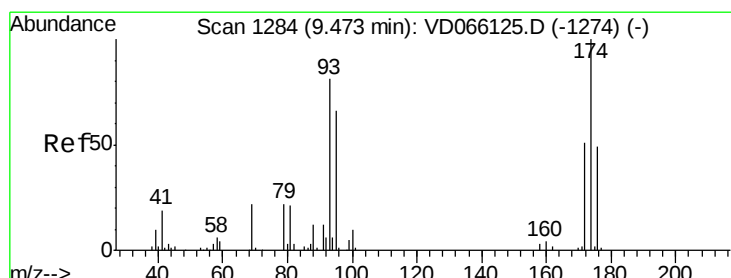
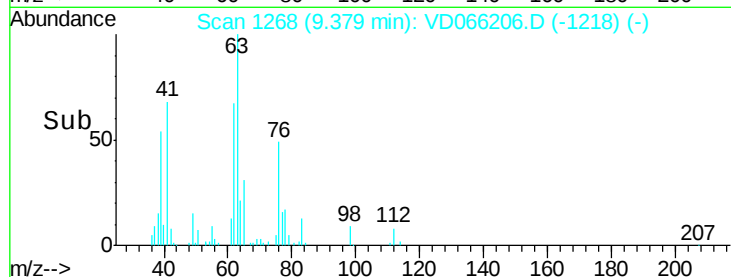
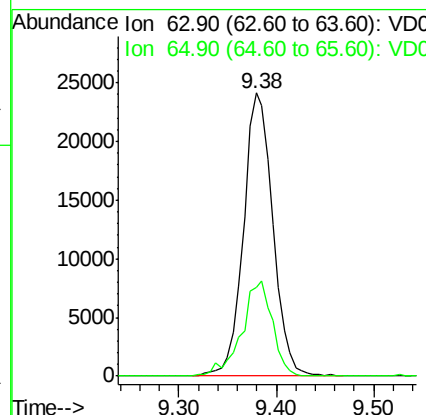
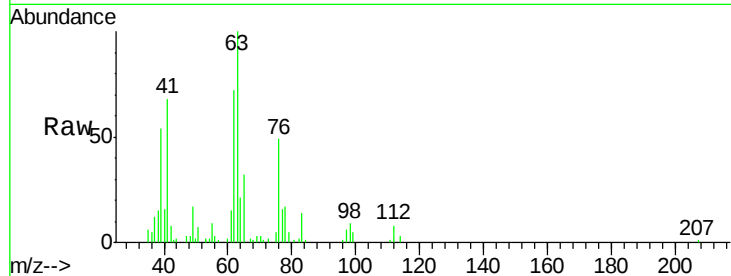
#45
 1,2-Dichloropropane
 Concen: 18.683 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Tot Ion: 63 Resp: 50579
 Ion Ratio Lower Upper
 63 100
 65 31.5 26.5 39.7

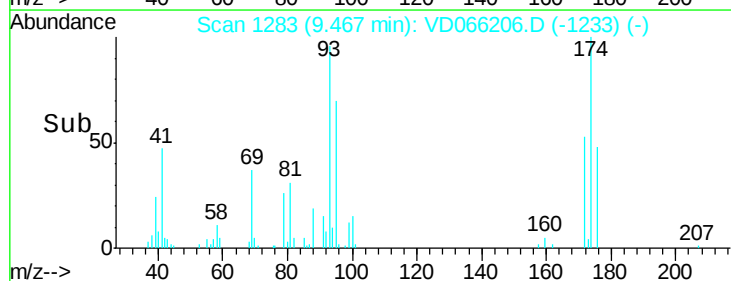
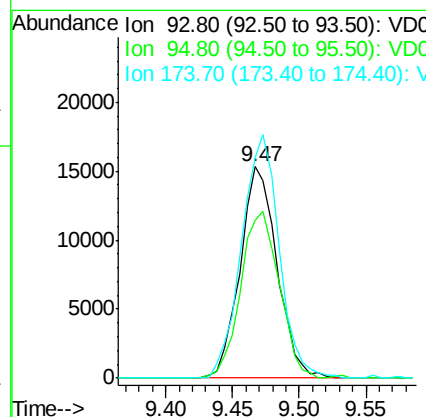
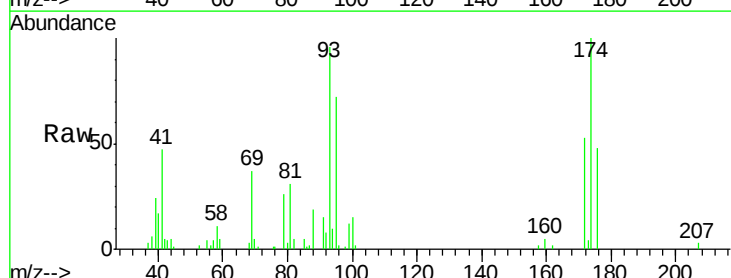
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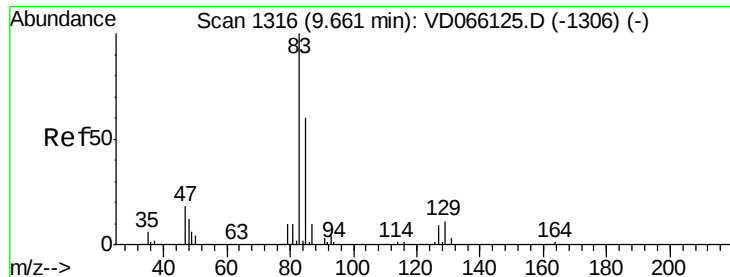
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#46
 Dibromomethane
 Concen: 19.667 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion: 93 Resp: 29327
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.8 98.6
 174 117.1 92.8 139.2





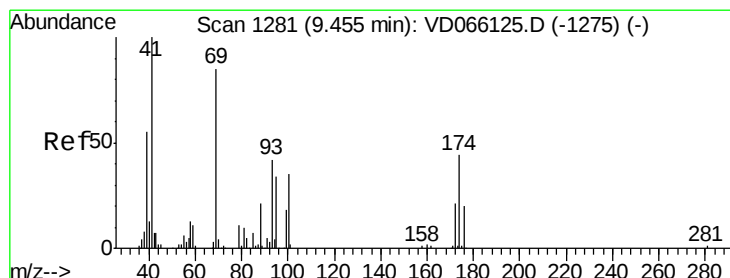
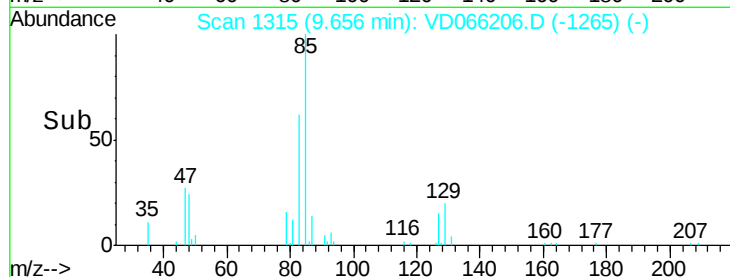
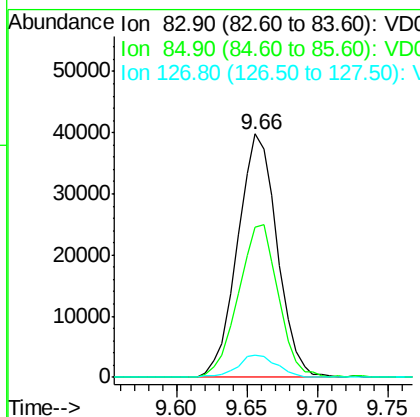
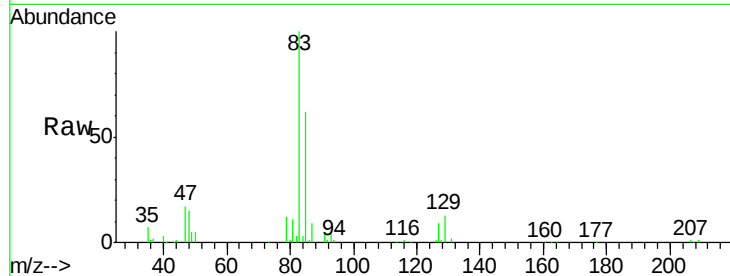
#47
Bromodichloromethane
Concen: 19.802 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.7	48.2	72.4
127	9.3	7.3	10.9

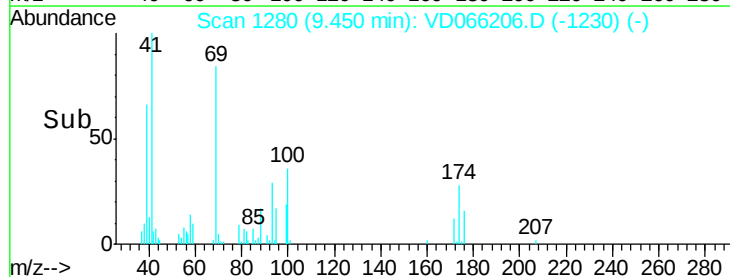
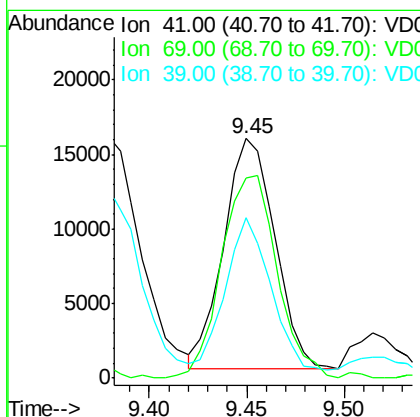
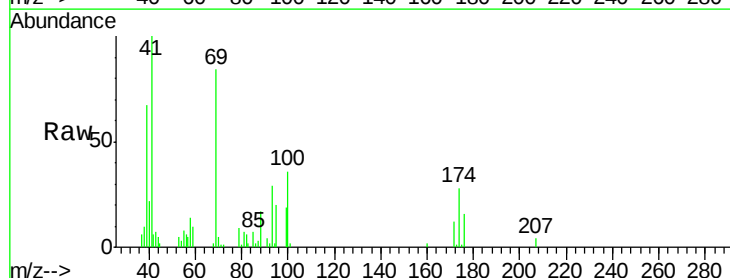
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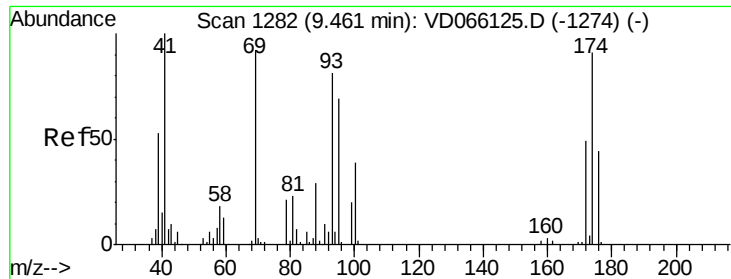
MMDadoda
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#48
Methyl methacrylate
Concen: 17.544 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.2	63.9	95.9#
39	58.5	42.6	64.0





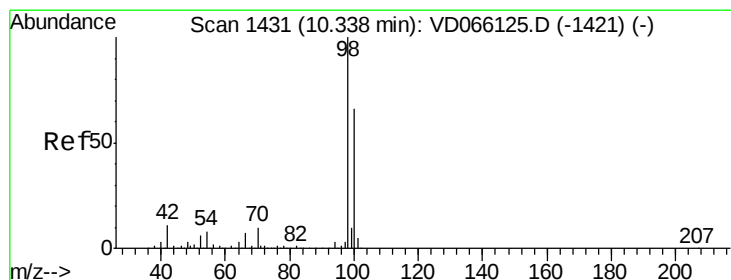
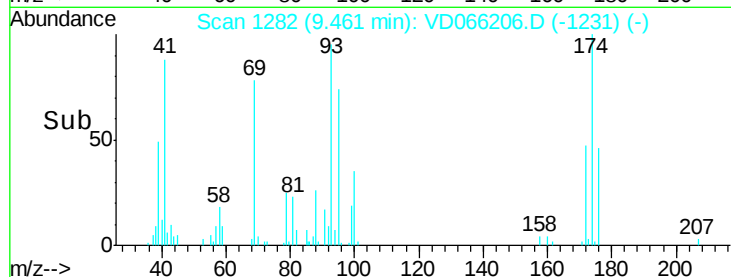
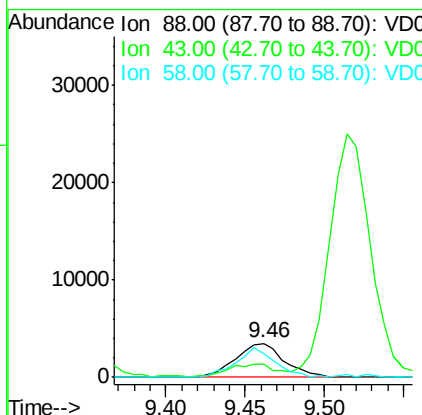
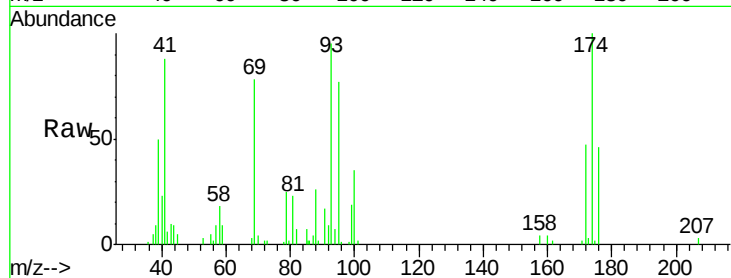
#49
1,4-Dioxane
Concen: 386.526 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	27.5	41.3
58	71.2	50.2	75.4

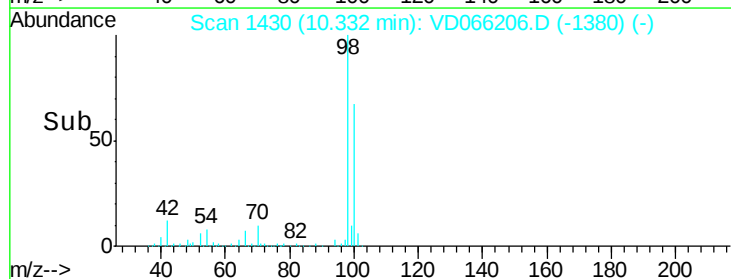
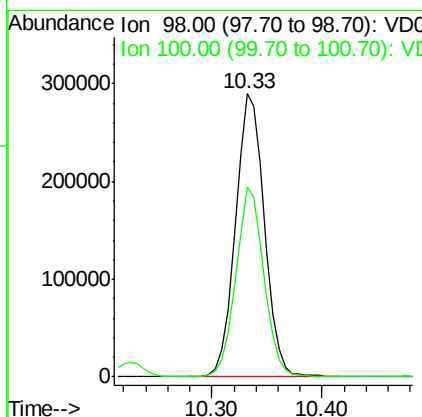
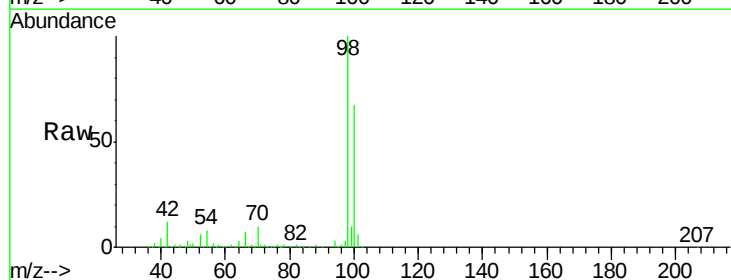
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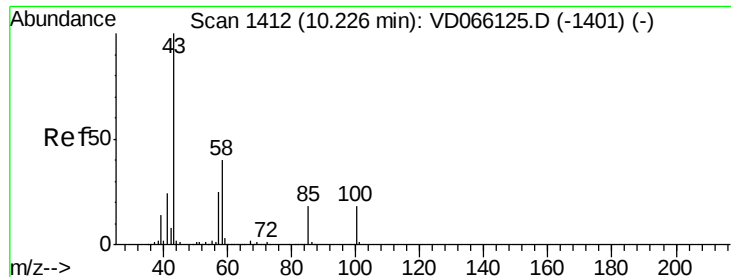
MMDadoda
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#50
Toluene-d8
Concen: 53.611 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 96.568 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion: 43 Resp: 154509

Ion Ratio Lower Upper

43 100

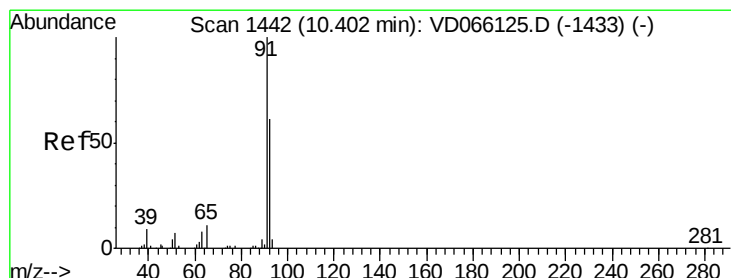
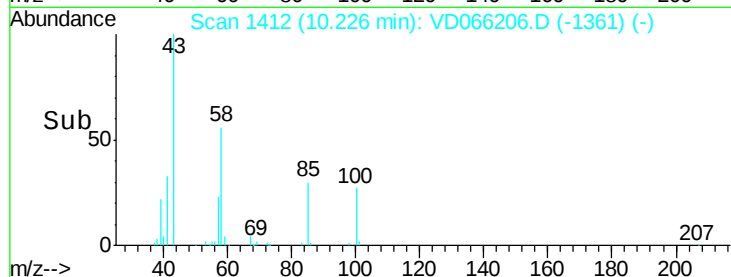
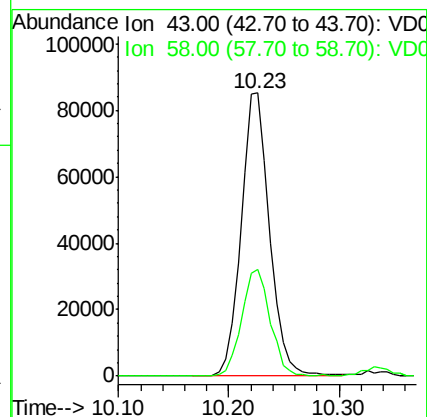
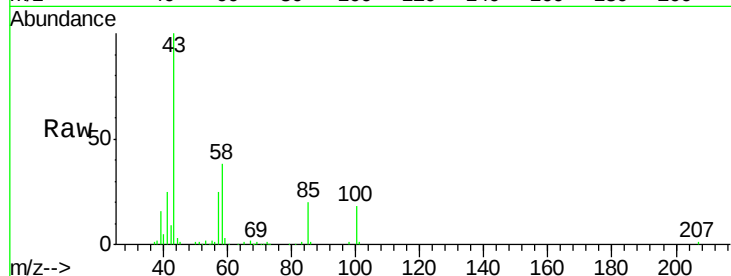
58 37.8 31.1 46.7

Manual Integrations

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#52

Toluene

Concen: 19.165 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066206.D

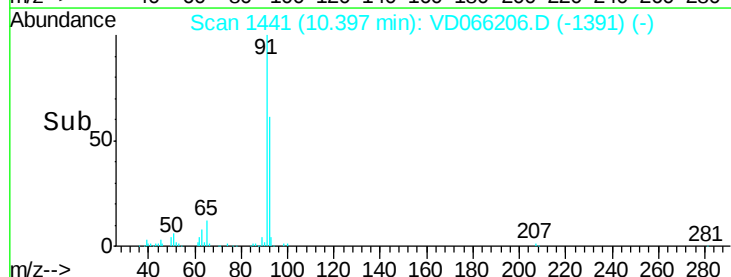
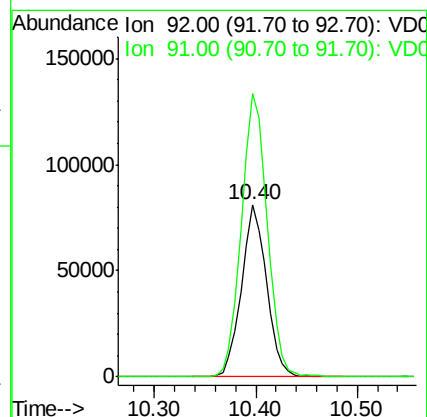
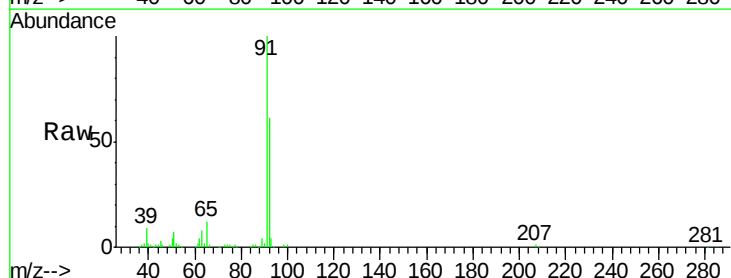
Acq: 12 Aug 2020 16:04

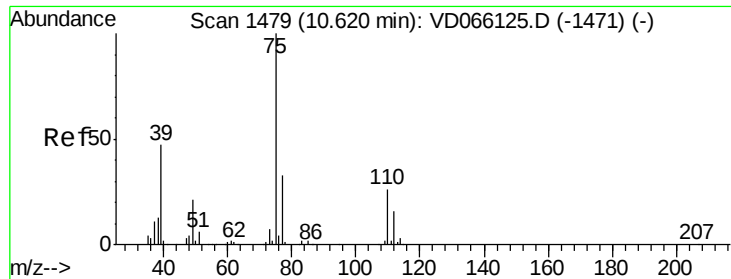
Tgt Ion: 92 Resp: 139588

Ion Ratio Lower Upper

92 100

91 169.3 135.2 202.8





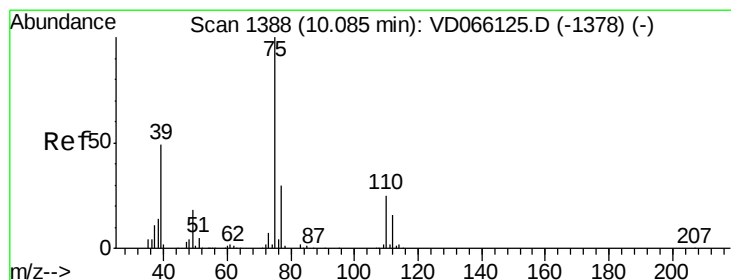
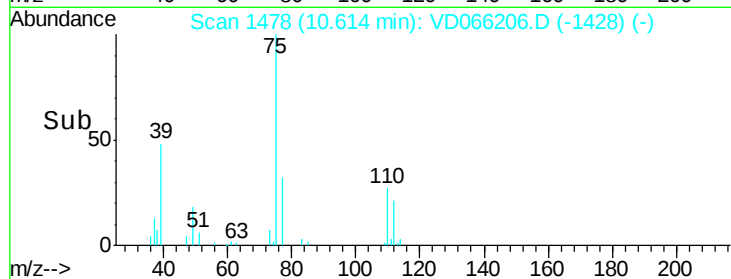
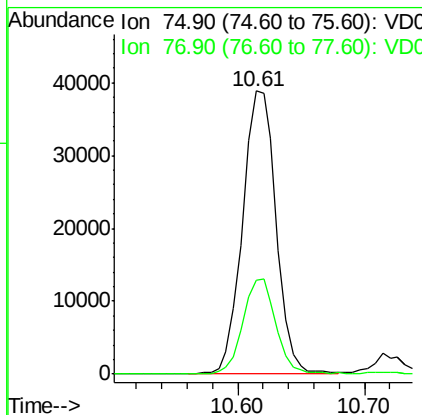
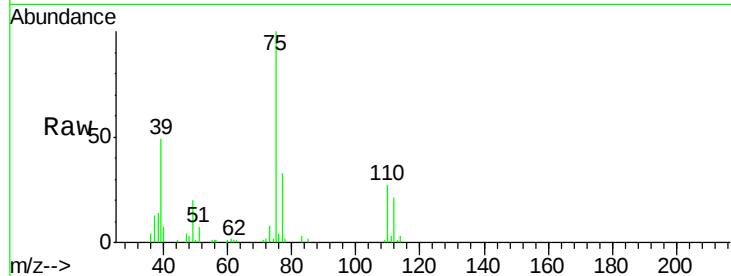
#53
 t-1,3-Dichloropropene
 Concen: 19.138 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion: 75 Resp: 71579
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.2

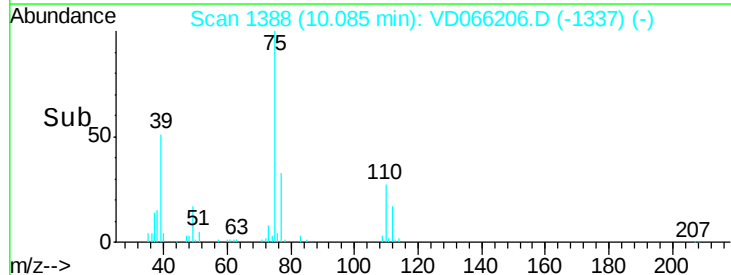
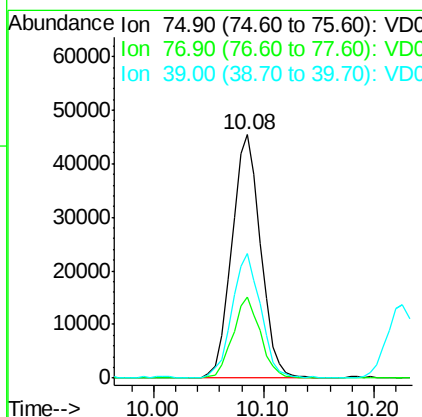
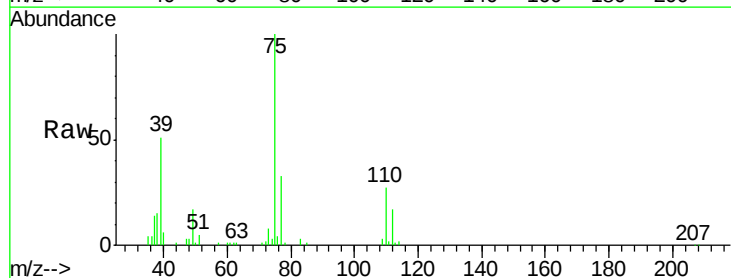
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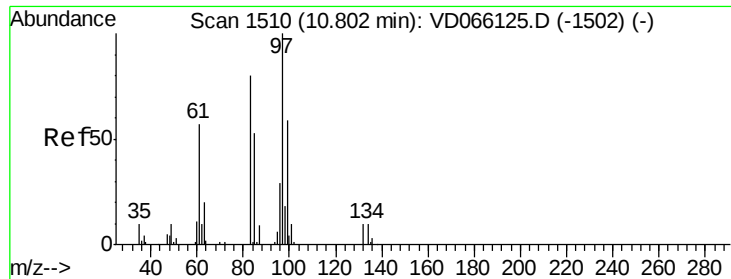
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#54
 cis-1,3-Dichloropropene
 Concen: 19.074 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion: 75 Resp: 83586
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.3 36.5
 39 51.3 39.3 58.9





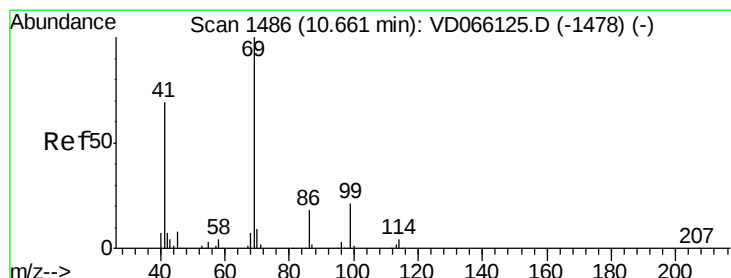
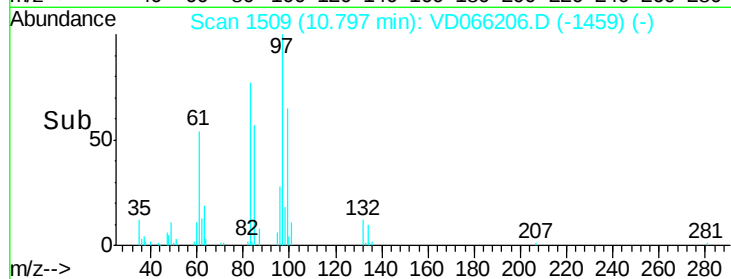
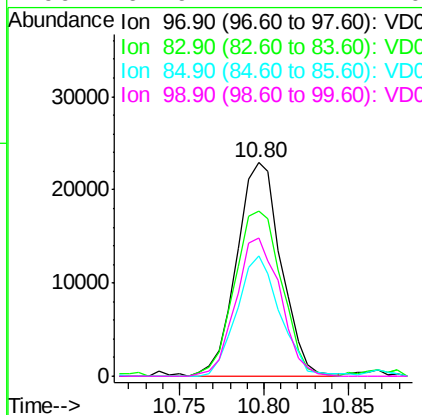
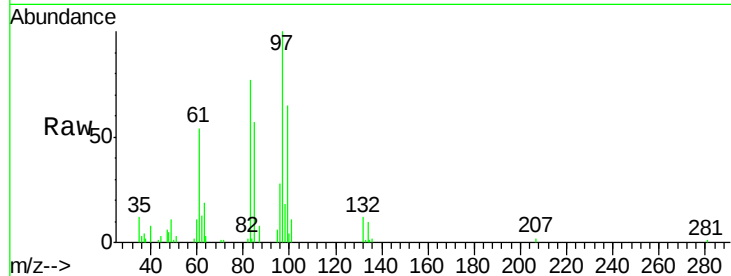
#55
 1,1,2-Trichloroethane
 Concen: 19.557 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Tot Ion:	97	Resp:	41993
Ion	Ratio	Lower	Upper
97	100		
83	77.4	63.9	95.9
85	56.6	42.5	63.7
99	64.9	47.4	71.0

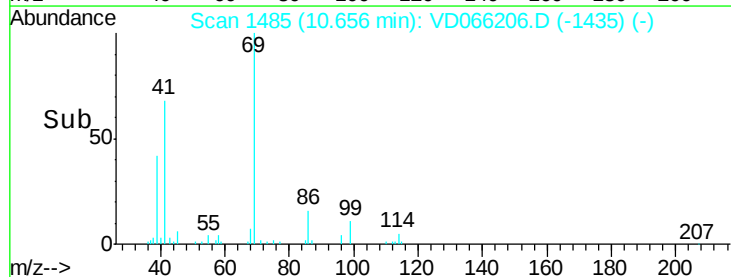
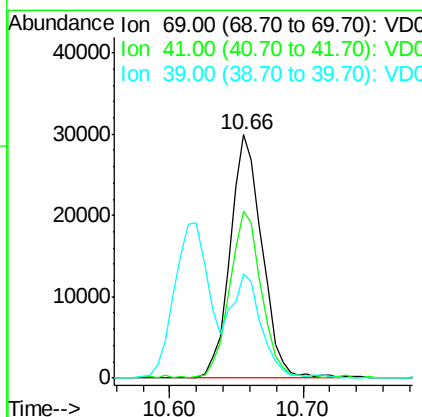
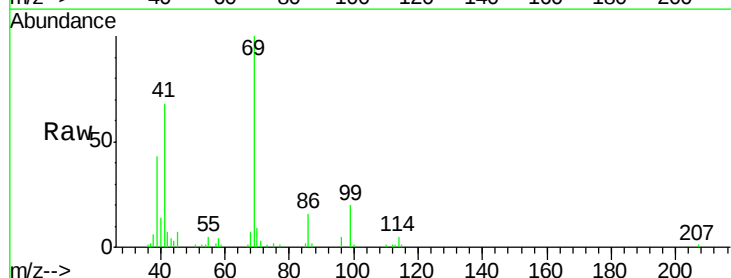
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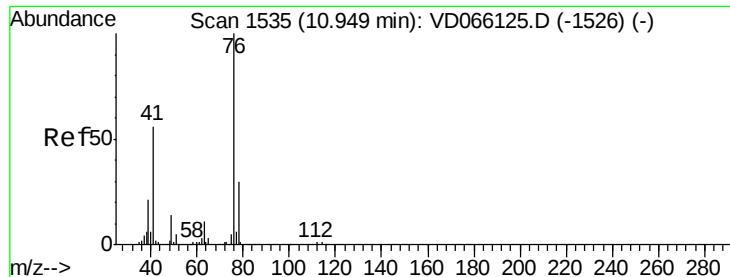
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#56
 Ethyl methacrylate
 Concen: 19.240 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion:	69	Resp:	49629
Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.1	81.1
39	39.3	28.6	43.0





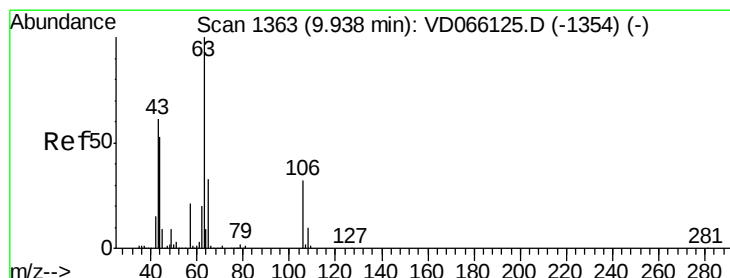
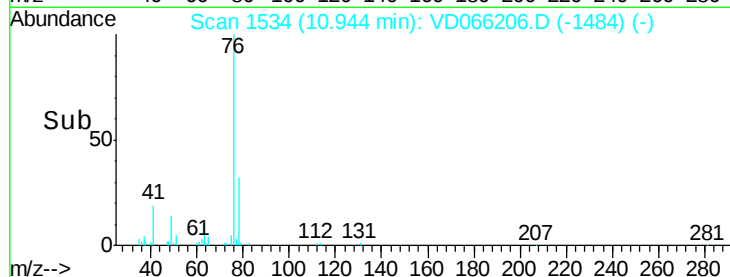
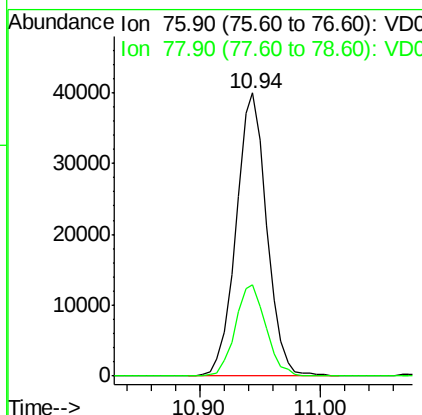
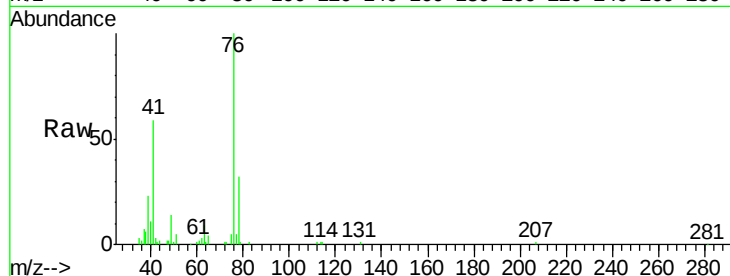
#57
 1,3-Dichloropropane
 Concen: 19.817 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

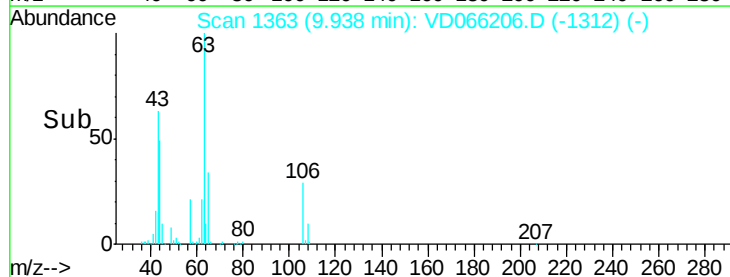
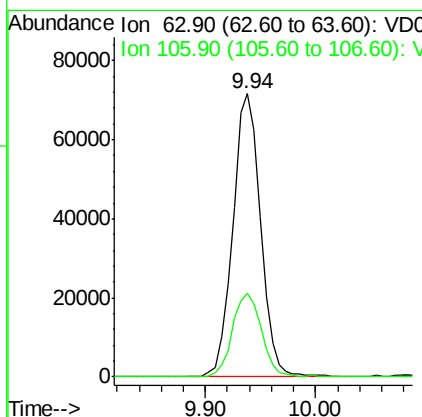
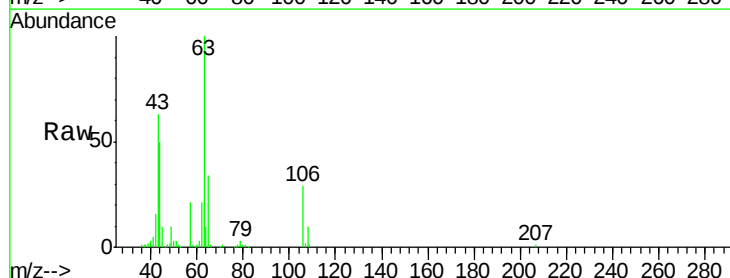
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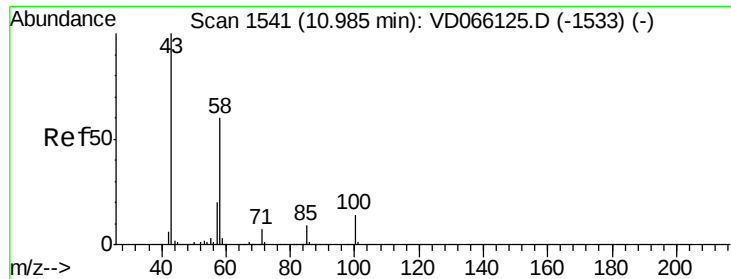
MMDadoda
 8/13/2020 4:21:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.931 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	25.3	37.9





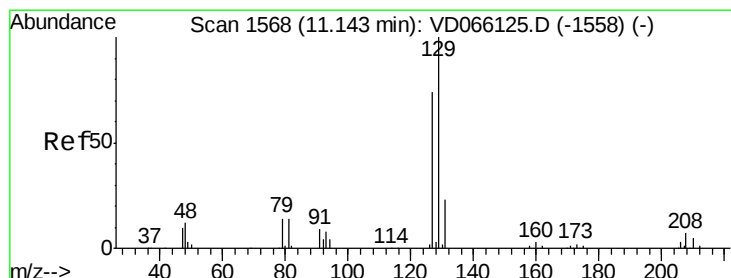
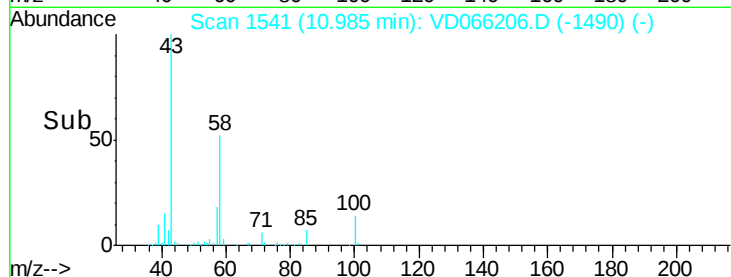
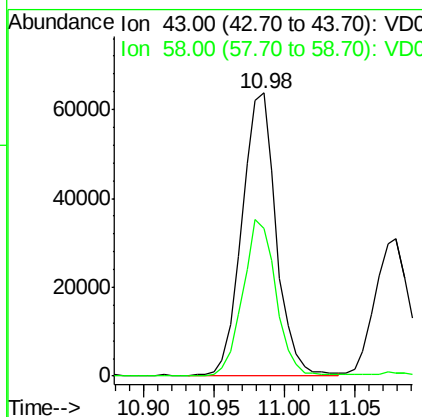
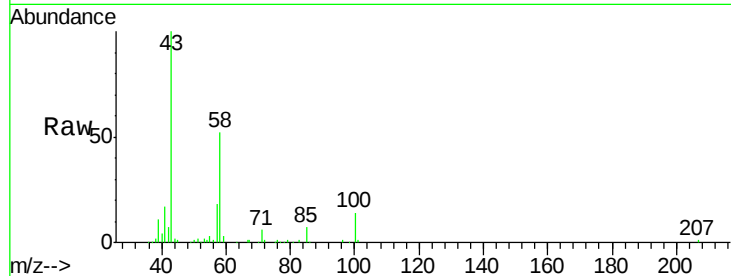
#59
2-Hexanone
Concen: 96.578 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion: 43 Resp: 108449
Ion Ratio Lower Upper
43 100
58 54.0 27.8 83.4

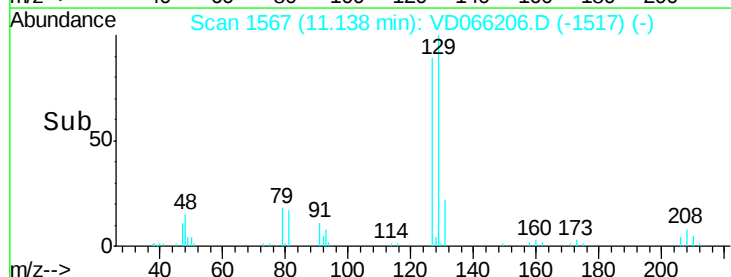
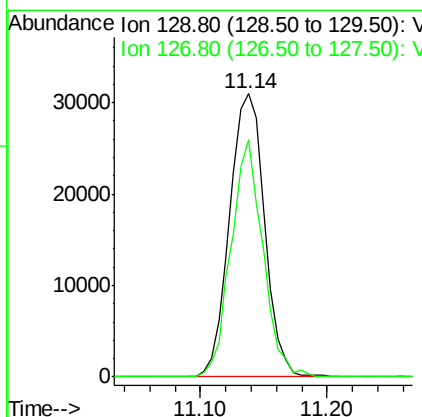
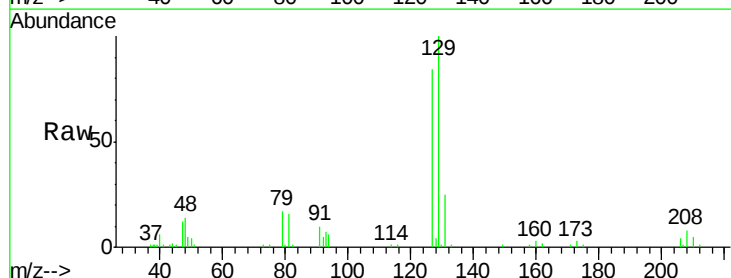
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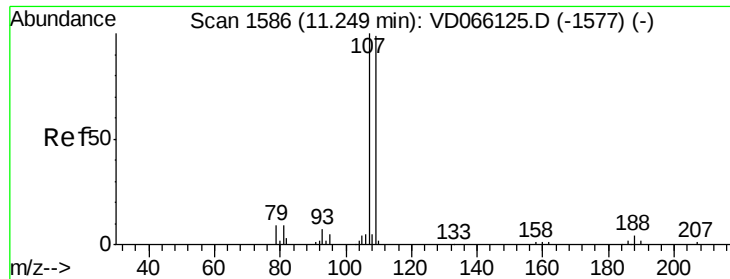
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#60
Dibromochloromethane
Concen: 19.904 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion: 129 Resp: 59005
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1





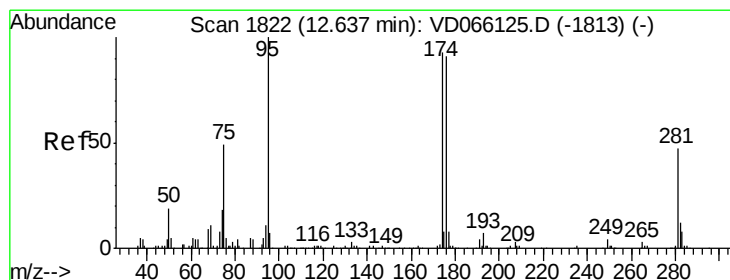
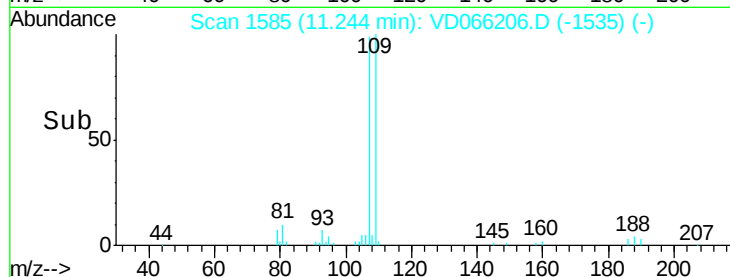
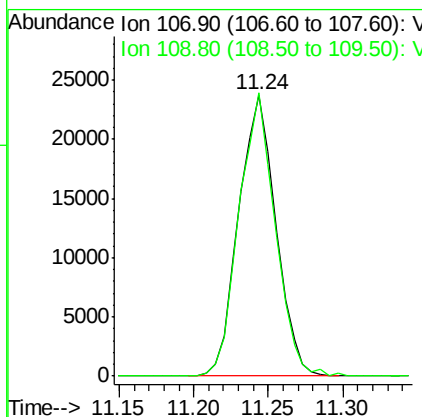
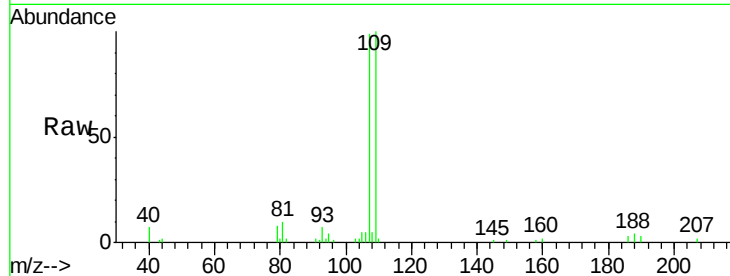
#61
 1,2-Dibromoethane
 Concen: 19.887 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion: 107 Resp: 41066
 Ion Ratio Lower Upper
 107 100
 109 98.1 76.5 114.7

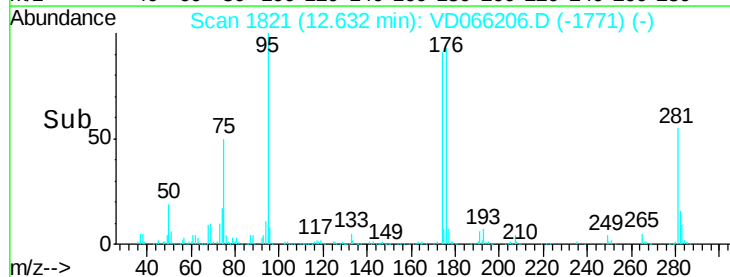
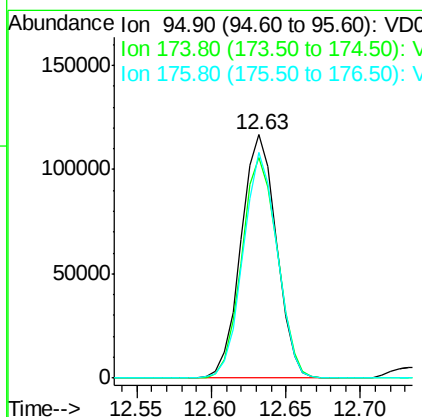
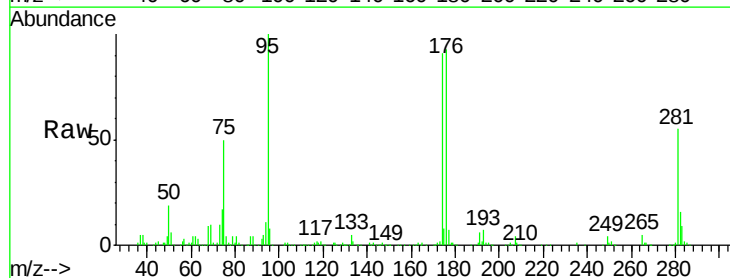
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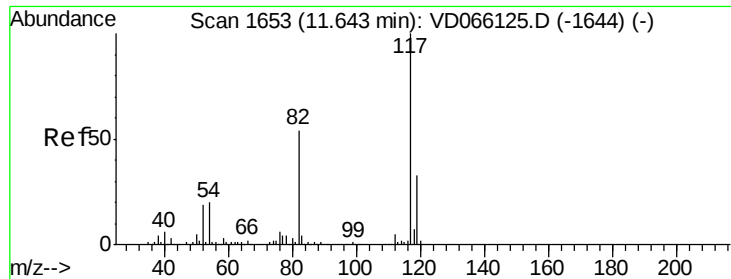
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#62
 4-Bromofluorobenzene
 Concen: 53.659 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion: 95 Resp: 191995
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 180.8
 176 89.2 0.0 181.2





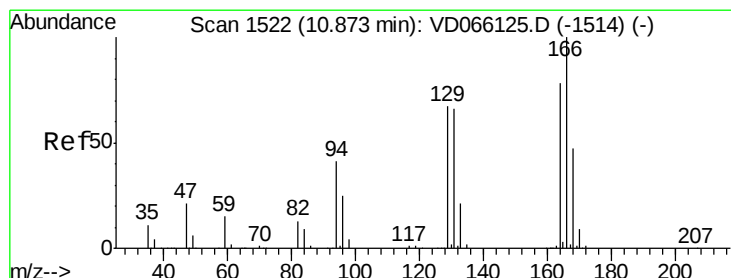
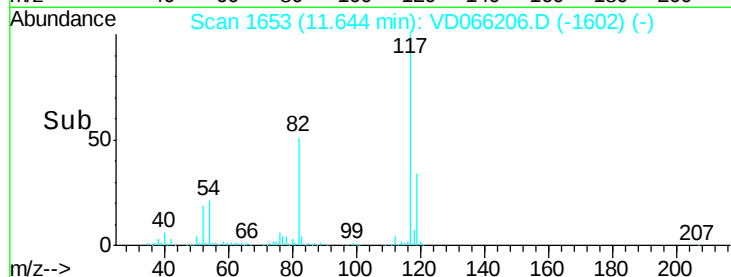
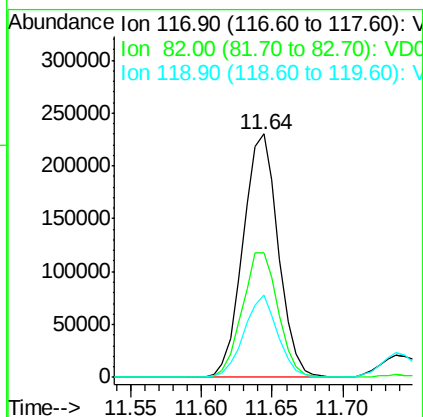
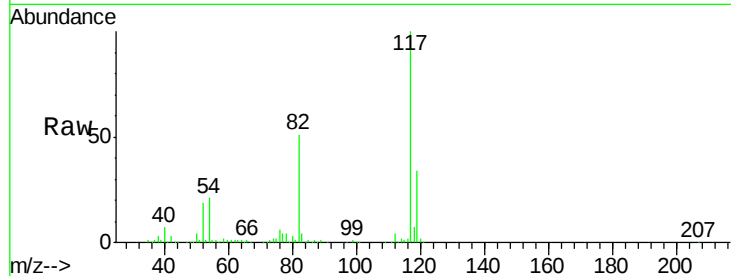
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.0	64.4
119	33.6	26.1	39.1

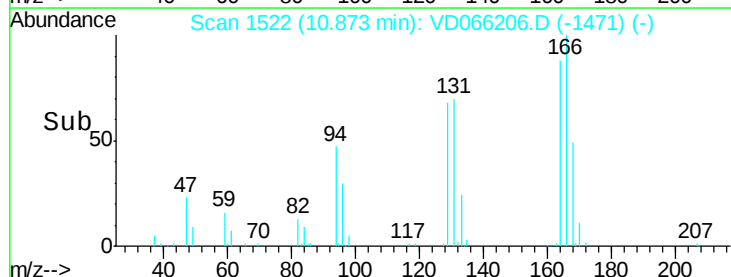
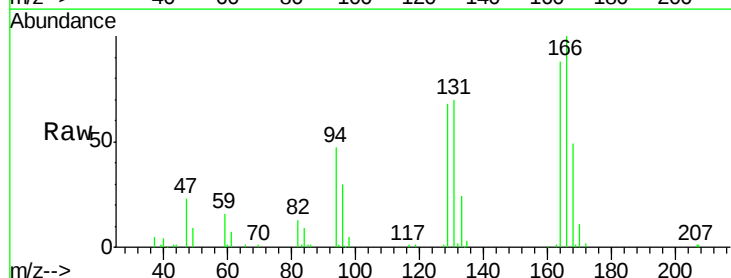
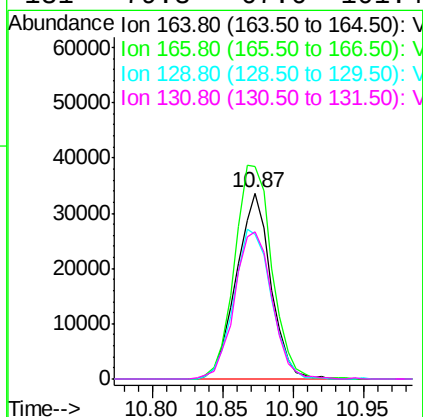
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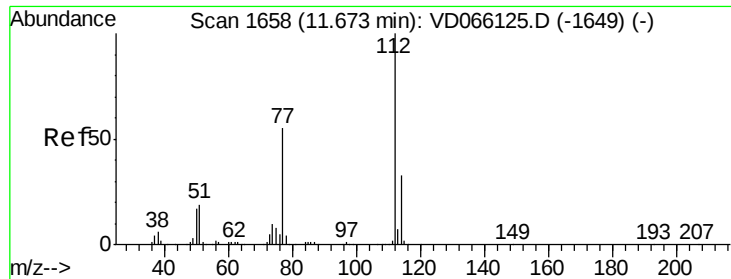
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#64
Tetrachloroethene
Concen: 18.599 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.1	101.9	152.9
129	78.0	68.1	102.1
131	79.3	67.6	101.4





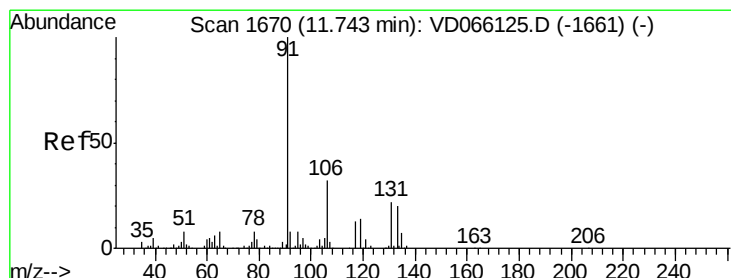
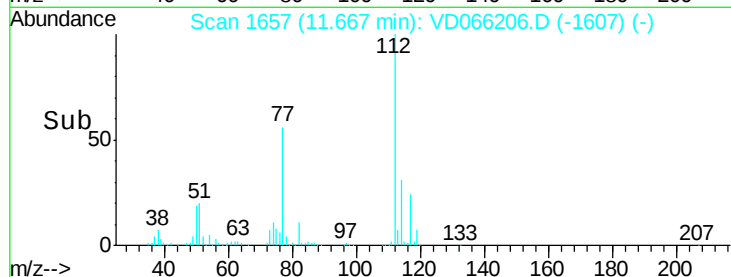
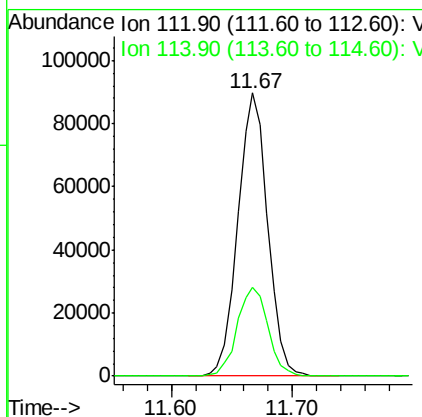
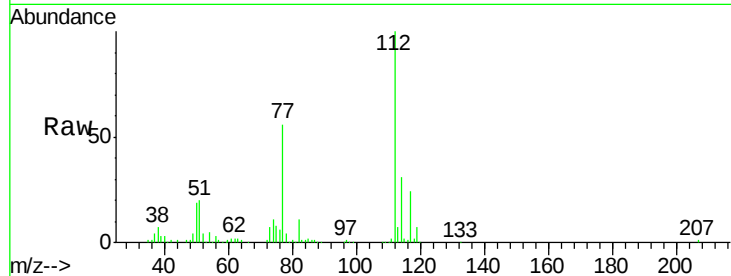
#65
Chlorobenzene
Concen: 18.841 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.1	39.1

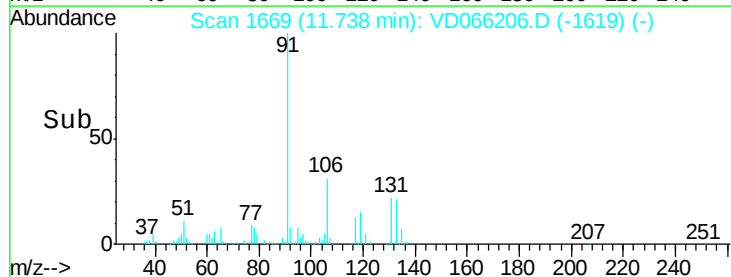
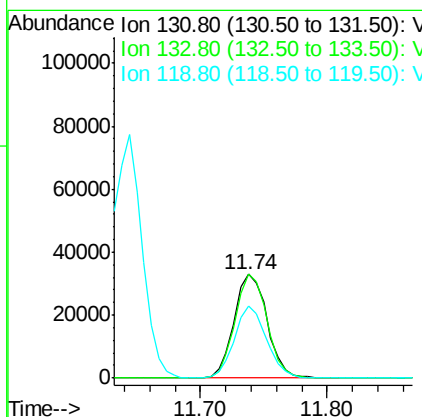
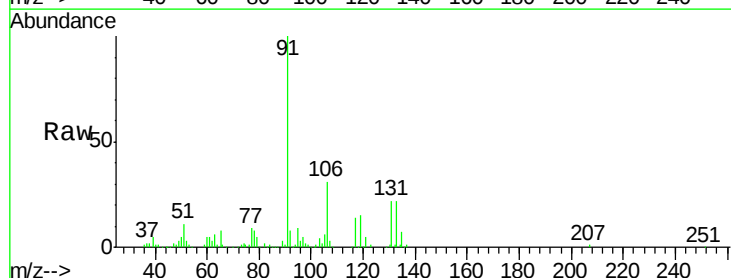
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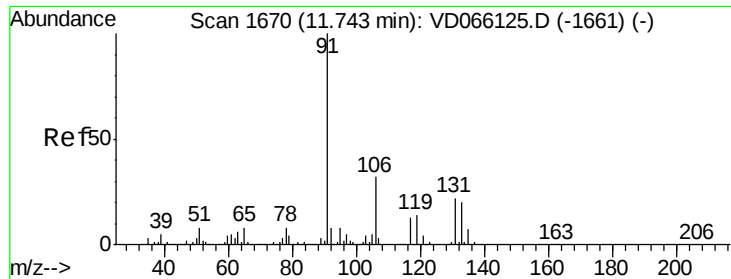
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.562 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.1	141.4
119	67.6	31.6	94.7





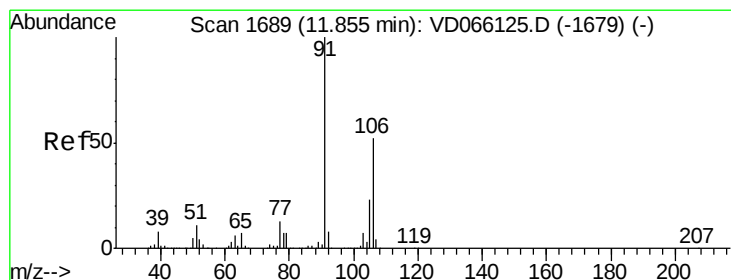
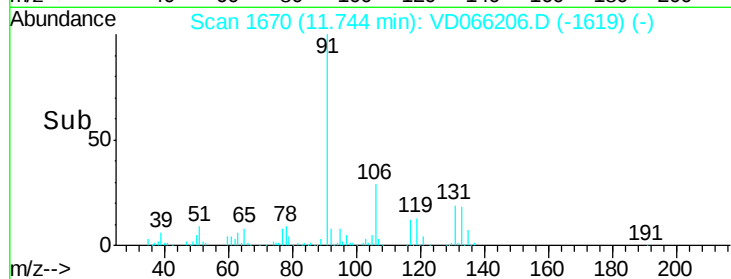
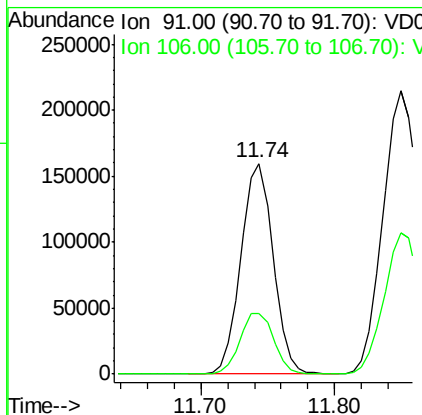
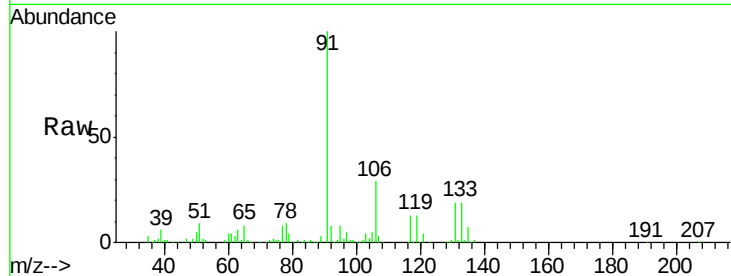
#67
Ethyl Benzene
Concen: 18.827 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.7	38.5

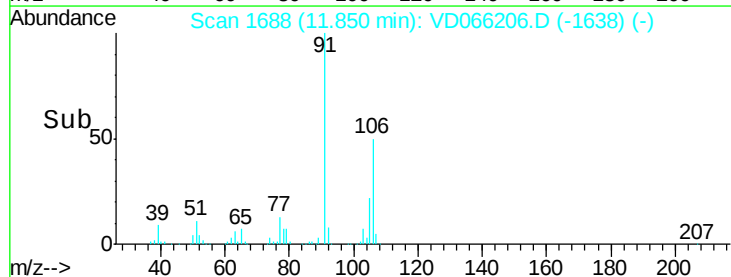
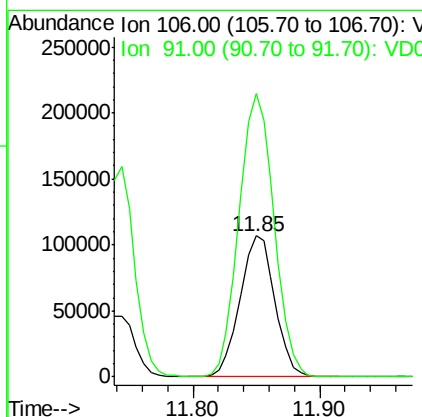
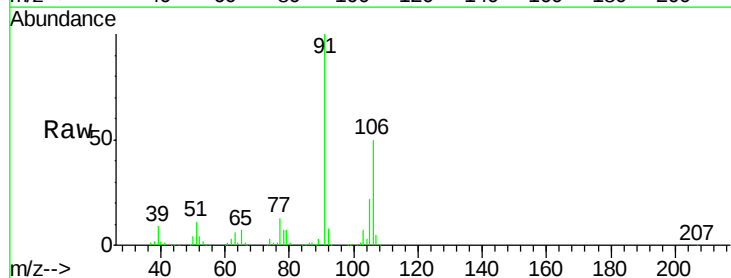
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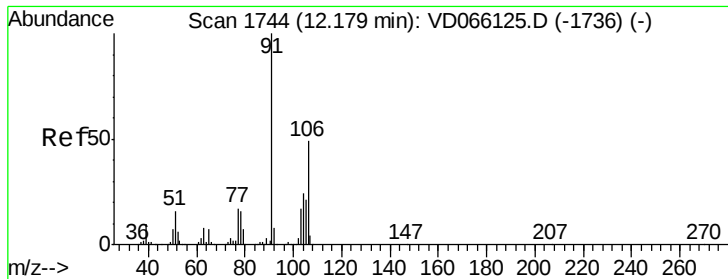
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#68
m/p-Xylenes
Concen: 37.152 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.0	156.6	235.0





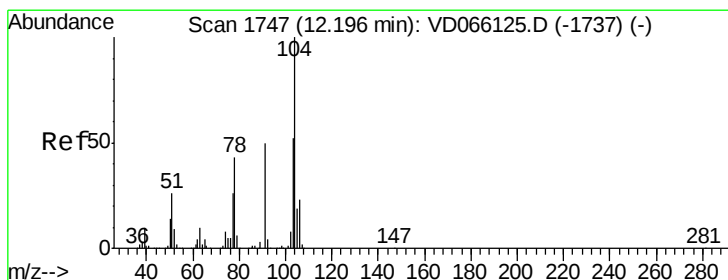
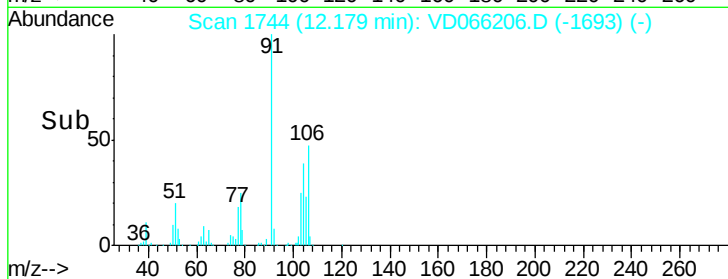
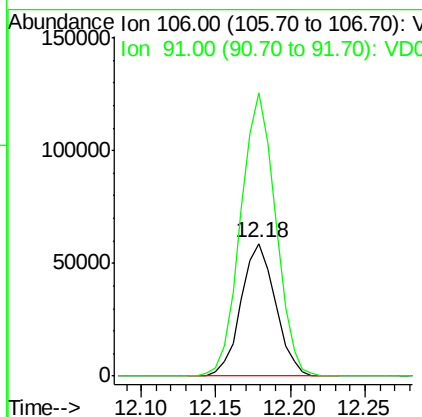
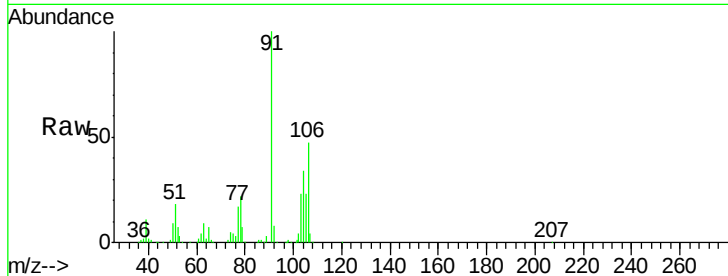
#69
o-Xylene
Concen: 18.852 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.7	105.7	317.1	

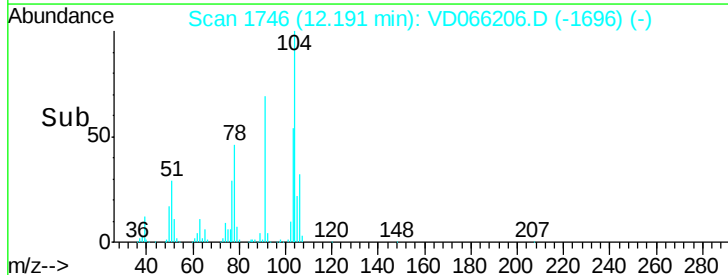
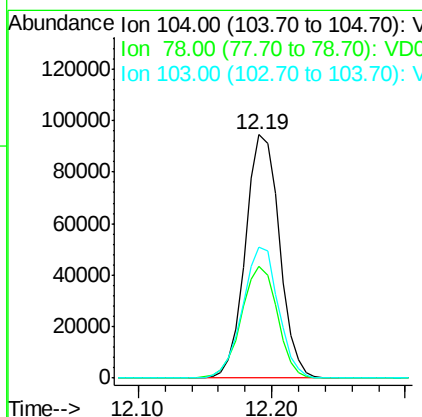
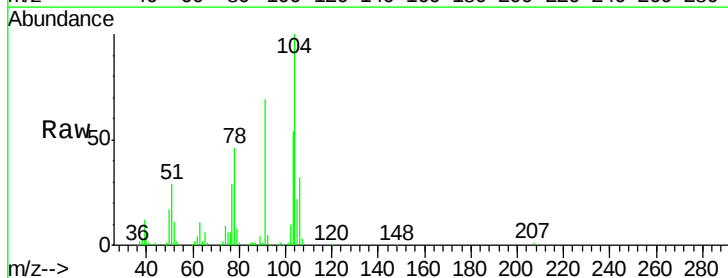
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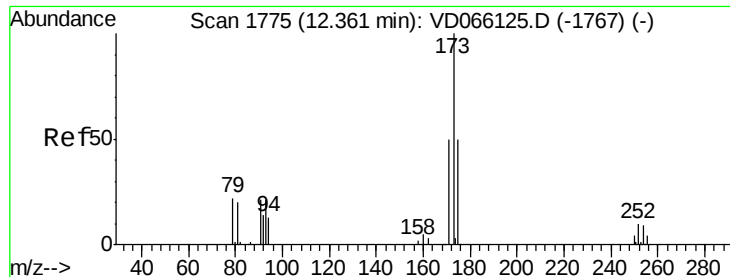
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#70
Styrene
Concen: 19.000 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.5	38.6	58.0	
103	56.4	44.1	66.1	





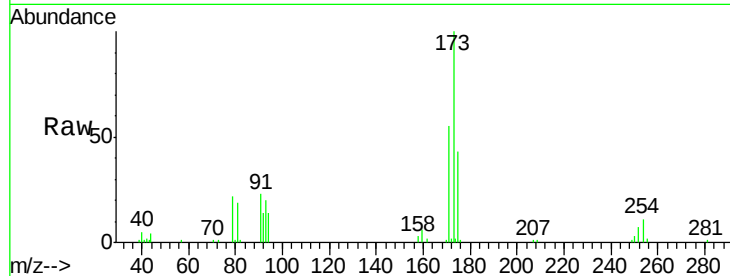
#71
Bromoform
Concen: 19.400 ug/l
RT: 12.36 min Scan# 1774
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

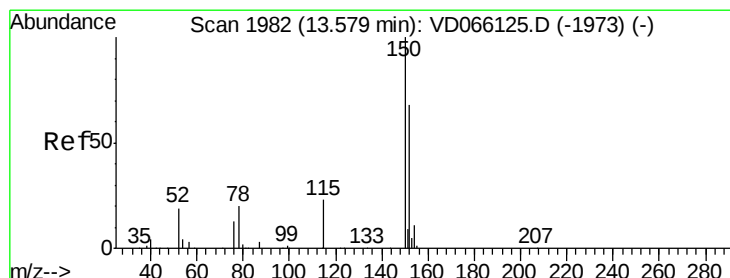
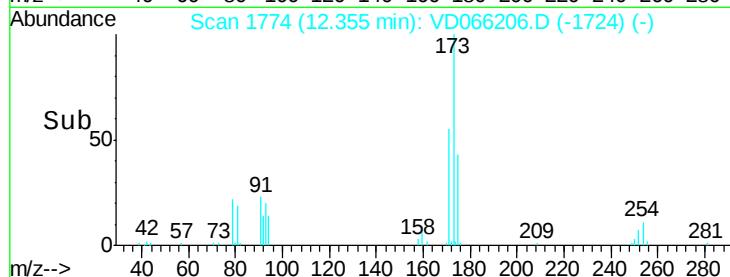
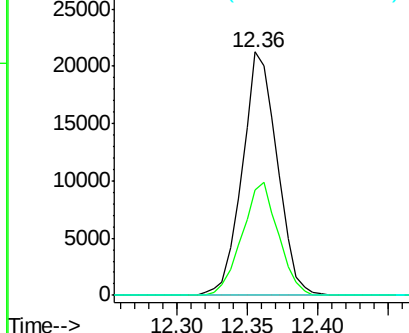
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.6	73.6
254	0.0	0.2	0.2

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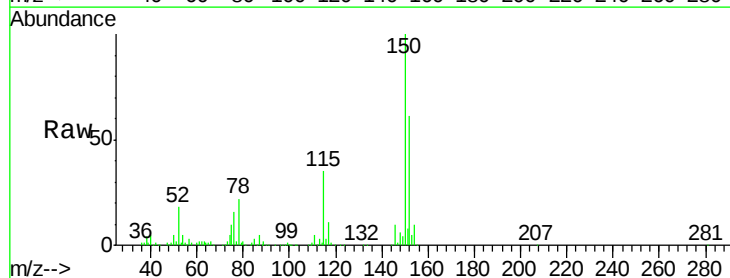


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

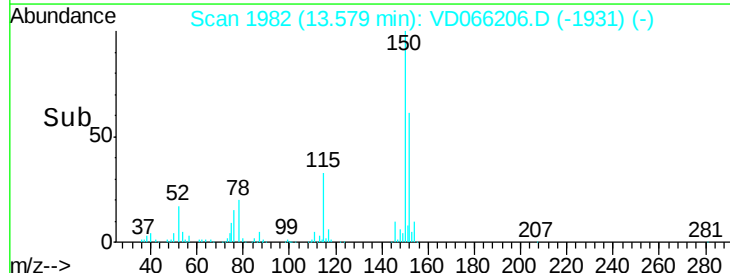
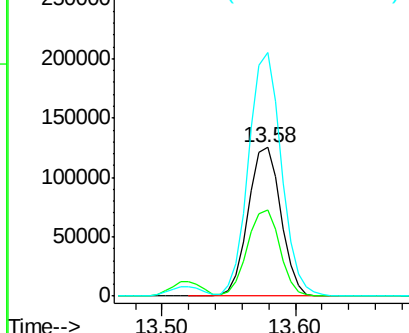


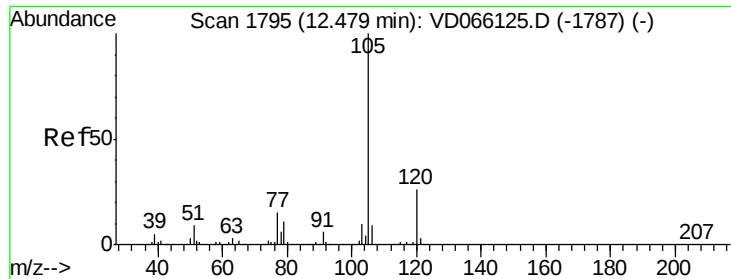
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.0	83.9
150	164.4	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: 18.305 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion: 105 Resp: 258720

Ion Ratio Lower Upper

105 100

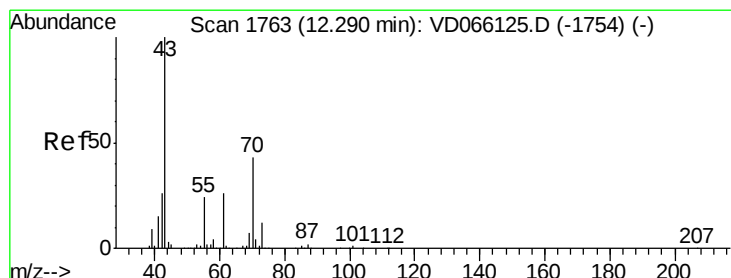
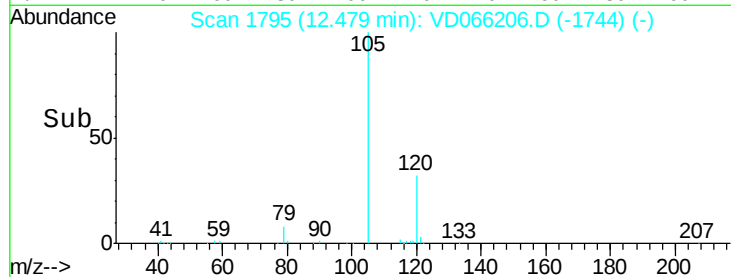
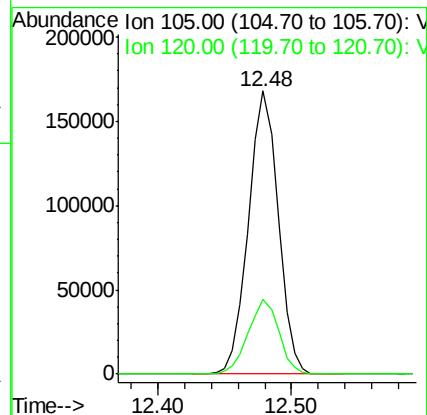
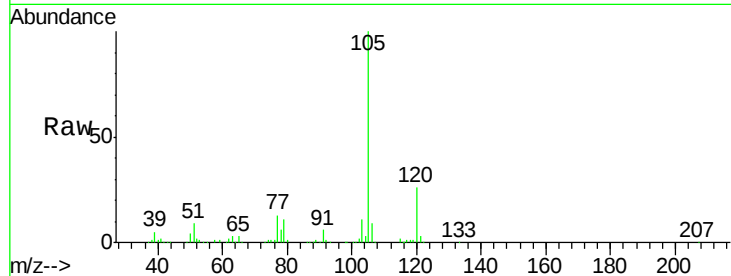
120 27.0 13.3 39.9

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#74

N-ethyl acetate

Concen: 19.109 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Tgt Ion: 43 Resp: 59474

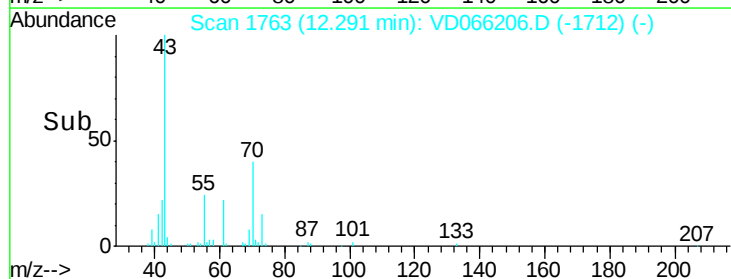
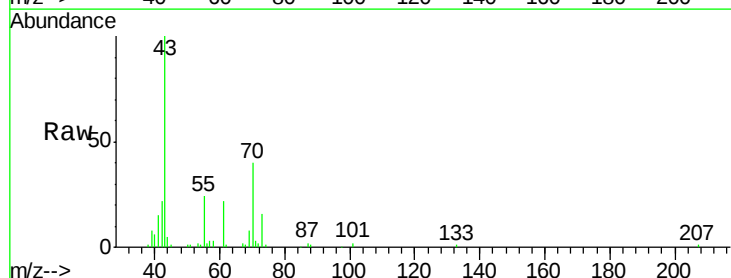
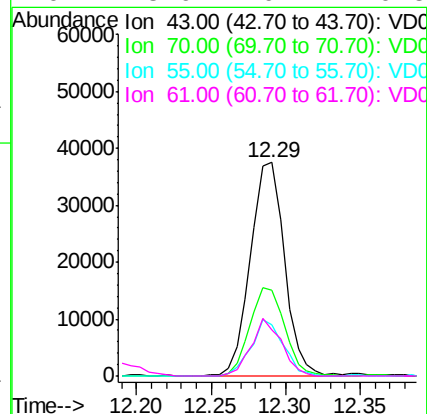
Ion Ratio Lower Upper

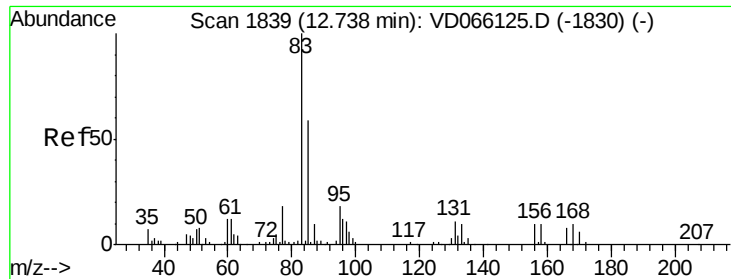
43 100

70 42.2 34.9 52.3

55 24.9 19.2 28.8

61 23.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.698 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

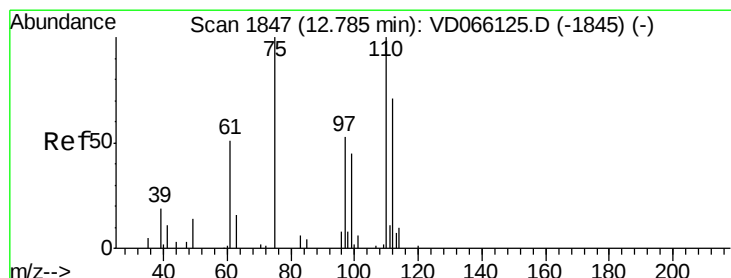
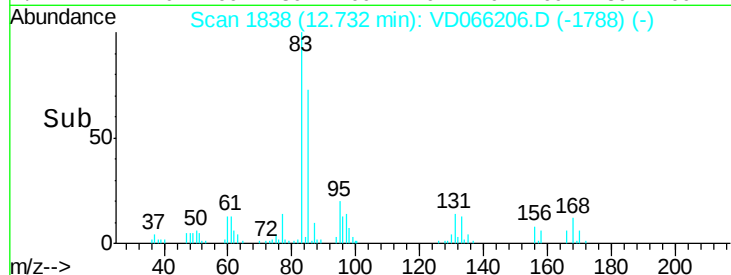
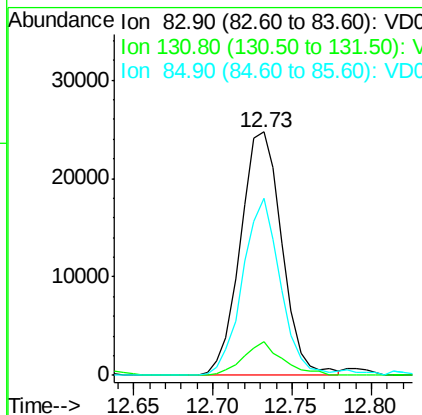
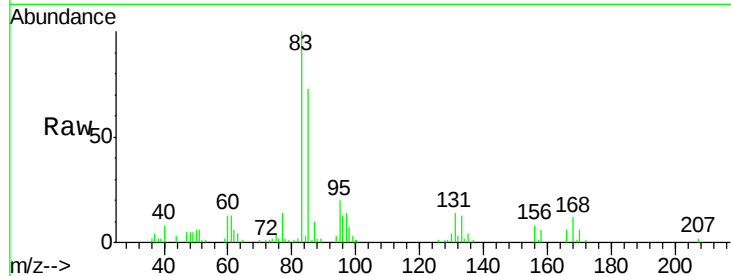
ClientSampleId :

VD0812SBSD01

Tot Ion:	83	Resp:	45064
Ion Ratio	Lower	Upper	
83	100		
131	12.9	6.2	18.6
85	65.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 19.534 ug/l m

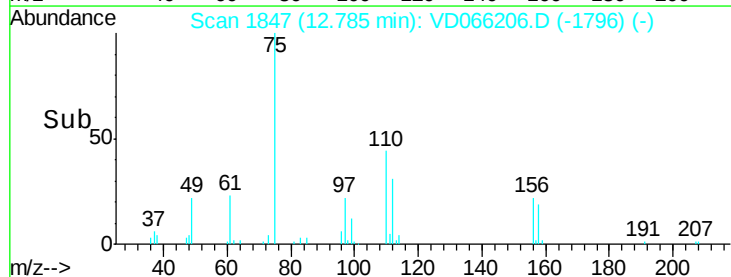
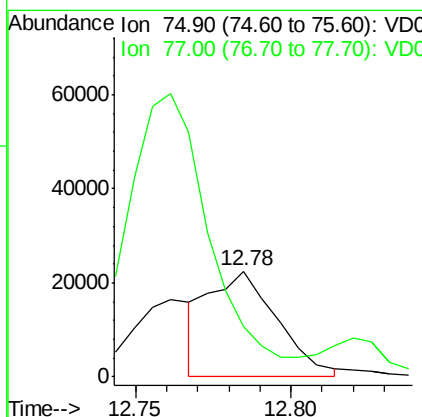
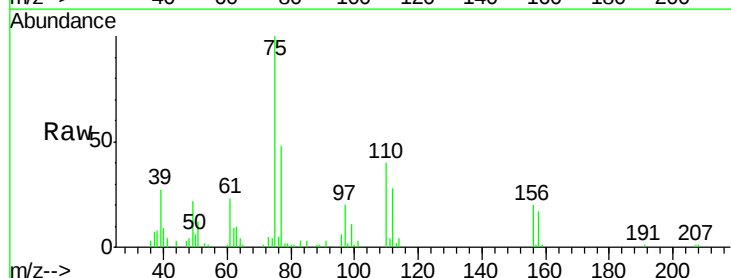
RT: 12.78 min Scan# 1847

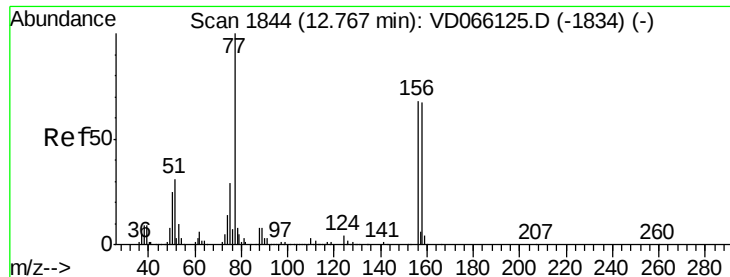
Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Tgt Ion:	75	Resp:	34492
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.849 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBSD01

Tot Ion:156 Resp: 68577

Ion Ratio Lower Upper

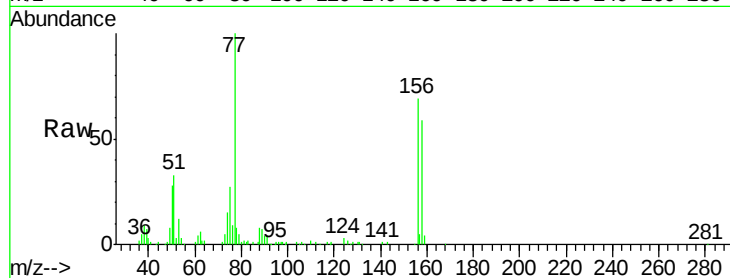
156 100

77 165.9 81.0 243.1

158 95.8 48.8 146.3

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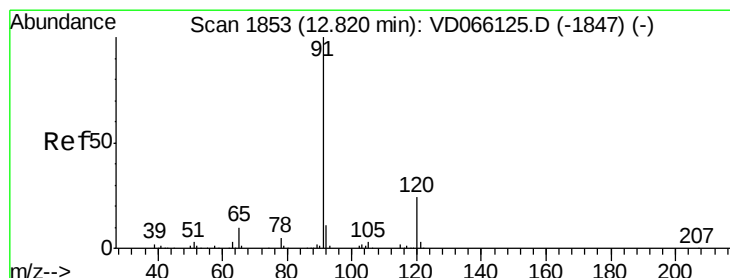
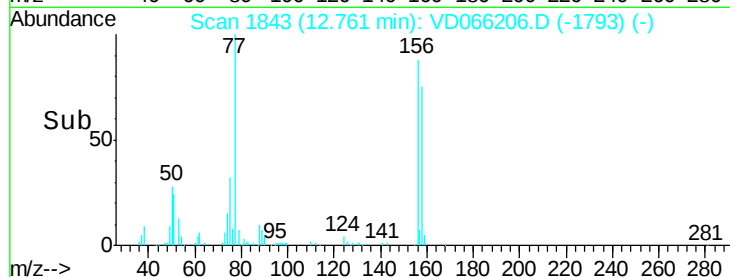
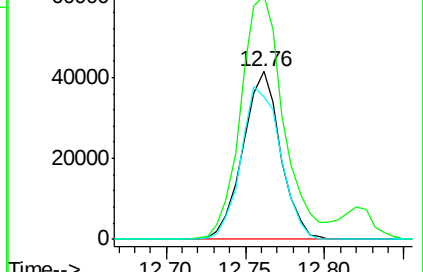
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.325 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066206.D

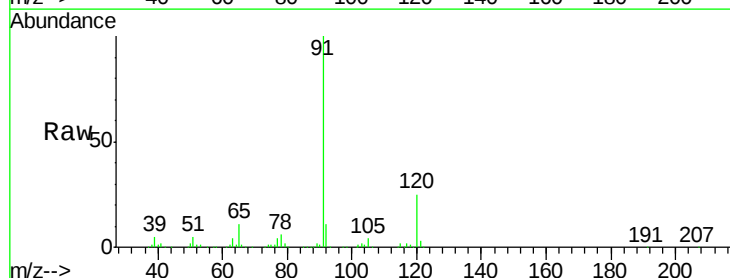
Acq: 12 Aug 2020 16:04

Tgt Ion: 91 Resp: 301068

Ion Ratio Lower Upper

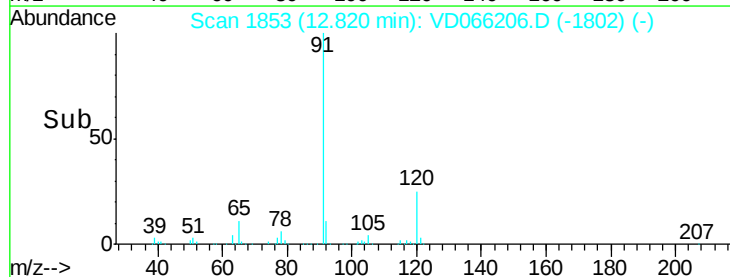
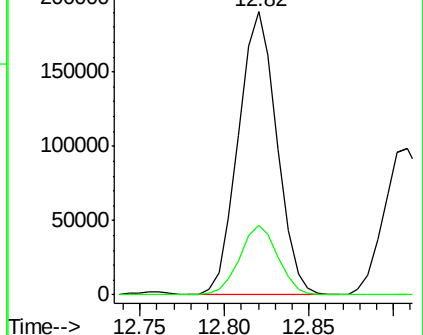
91 100

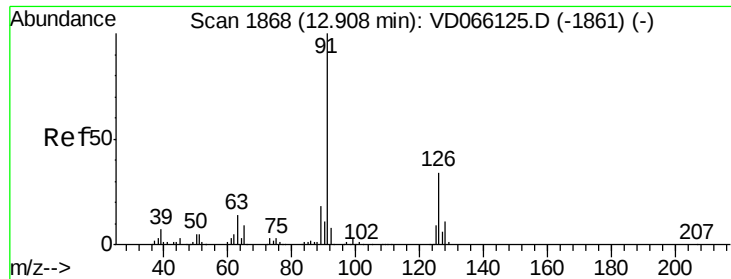
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





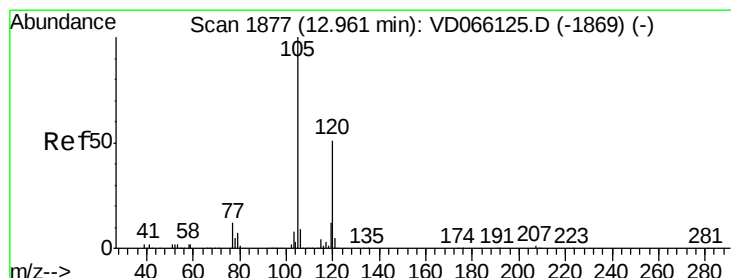
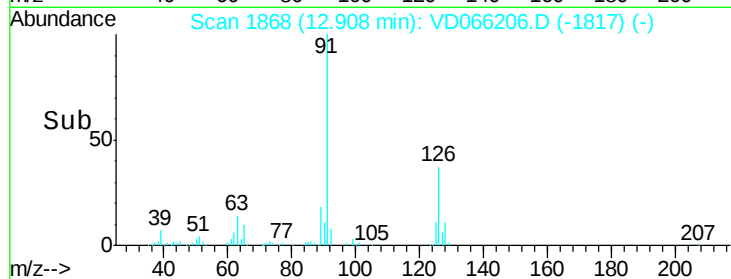
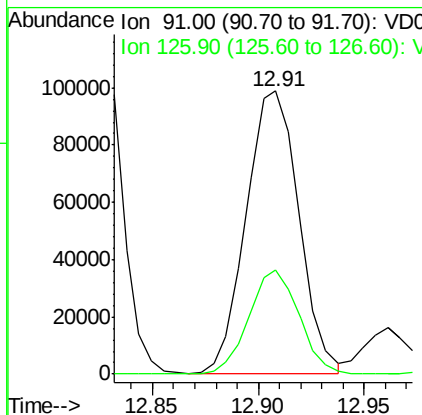
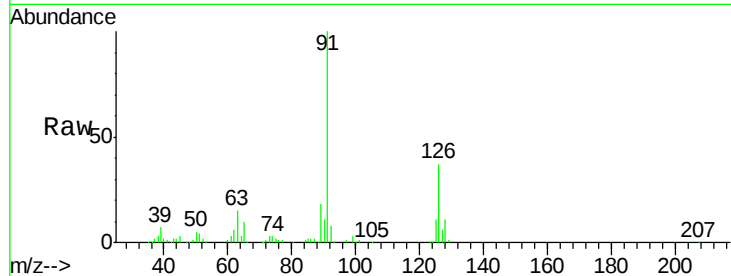
#79
 2-Chlorotoluene
 Concen: 18.236 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion: 91 Resp: 171354
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6

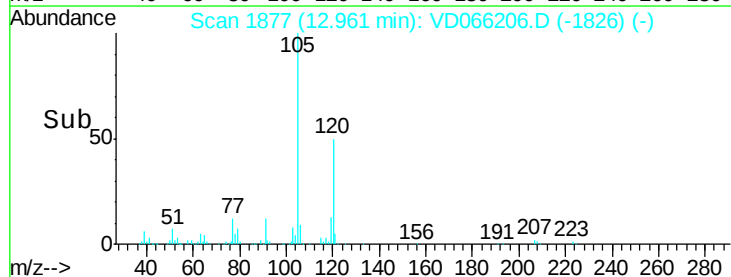
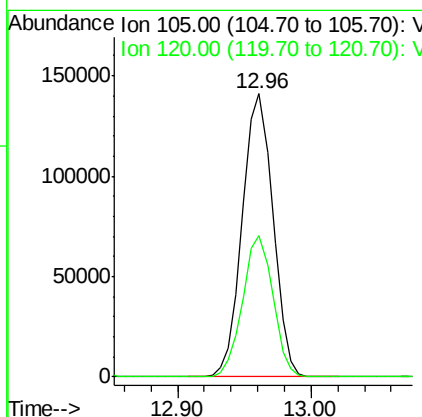
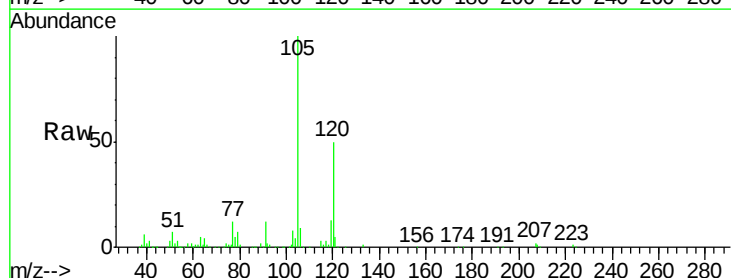
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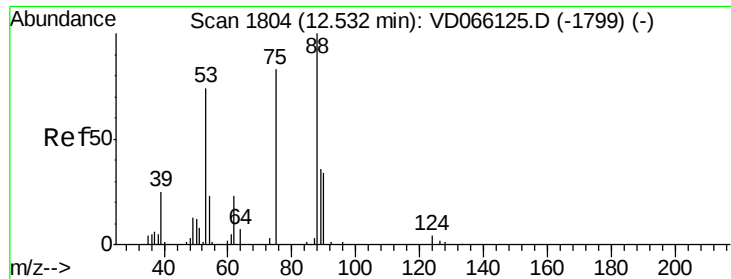
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.006 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion: 105 Resp: 224656
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.596 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

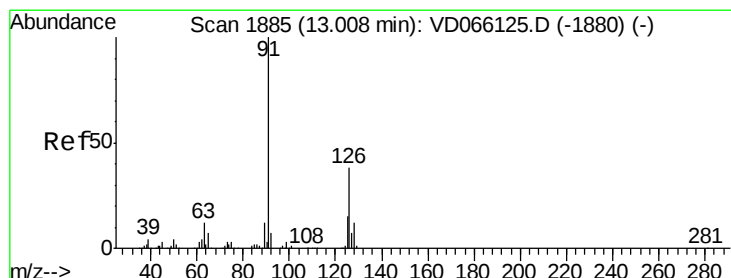
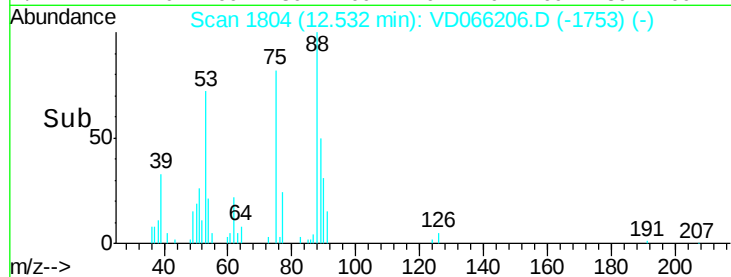
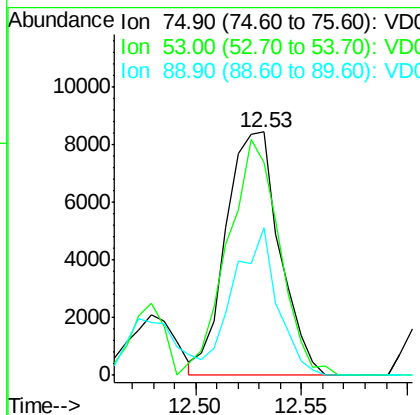
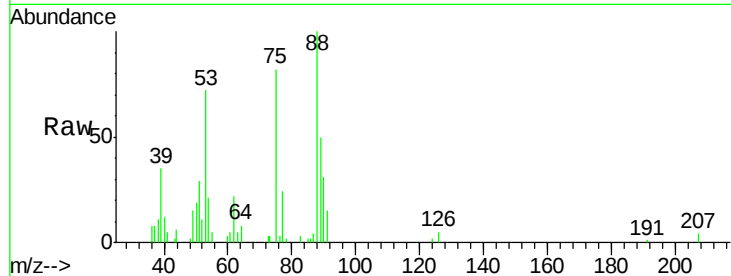
ClientSampleId :

VD0812SBSD01

Tot Ion:	75	Resp:	14854
Ion	Ratio	Lower	Upper
75	100		
53	93.9	73.4	110.2
89	49.4	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.527 ug/l

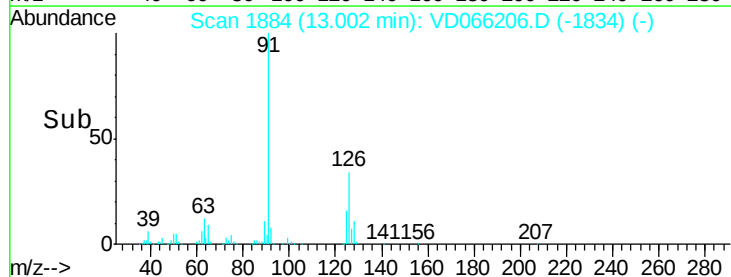
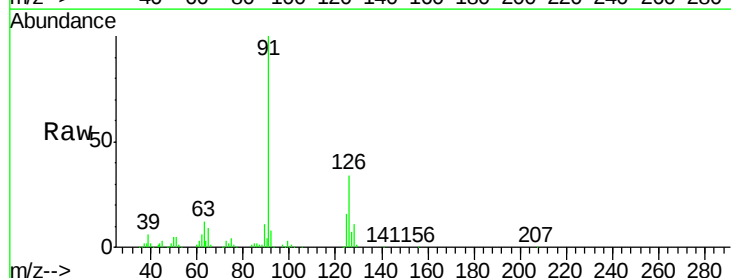
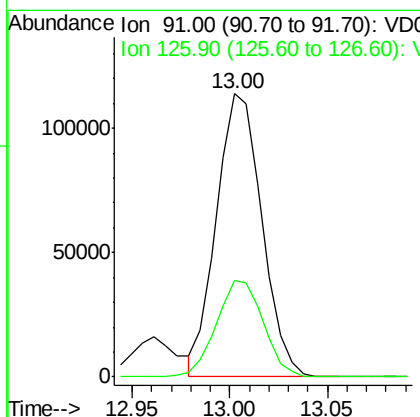
RT: 13.00 min Scan# 1884

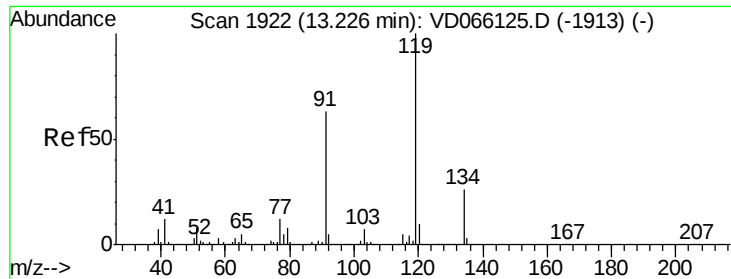
Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Tgt Ion:	91	Resp:	183778
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.3





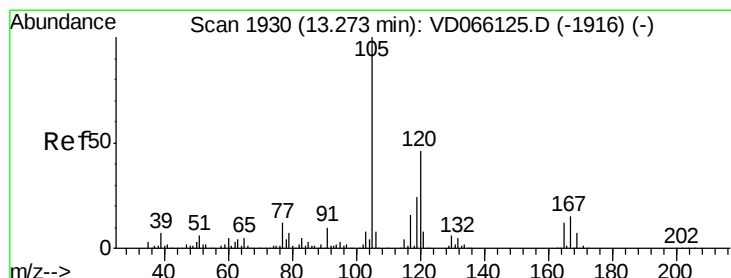
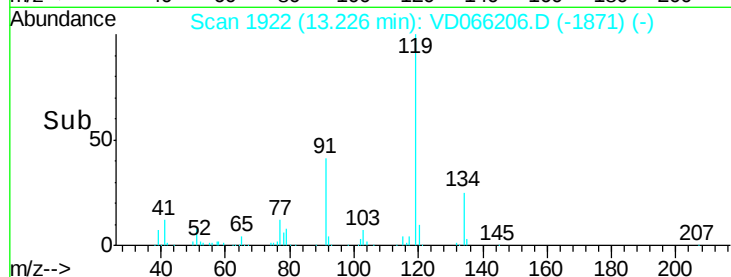
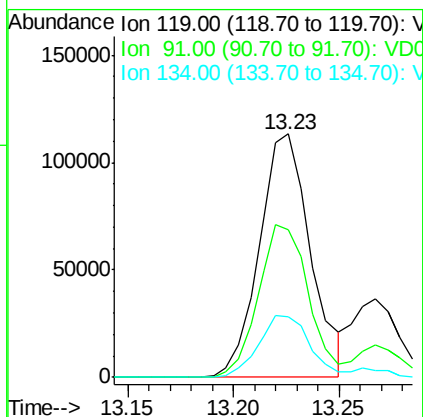
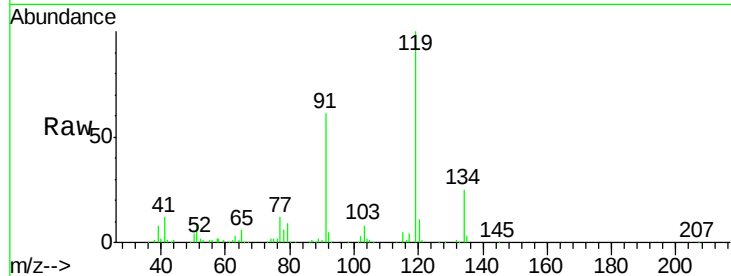
#83
tert-Butylbenzene
Concen: 18.344 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190686		
91	61.4		30.8	92.4
134	25.8		13.6	40.8

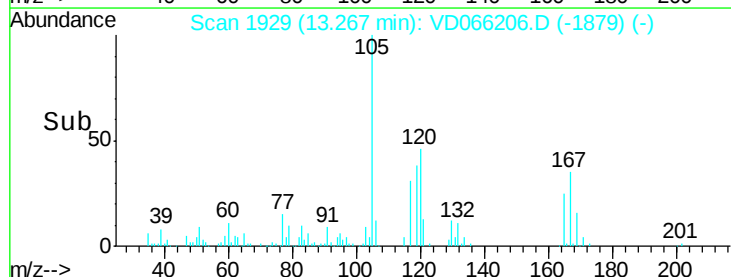
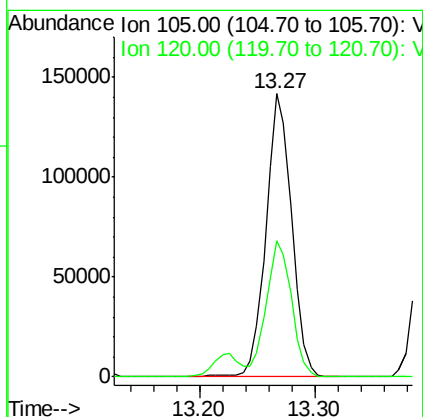
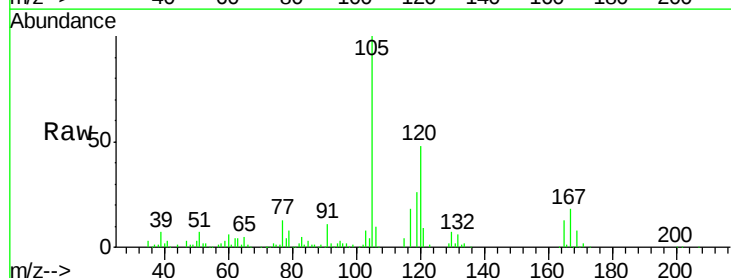
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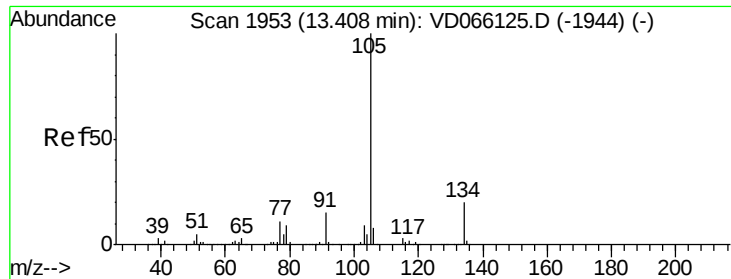
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#84
1,2,4-Trimethylbenzene
Concen: 18.665 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220797		
120	47.7		23.1	69.2





#85

sec-Butylbenzene

Concen: 18.241 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBS01

Tot Ion:105 Resp: 256013

Ion Ratio Lower Upper

105 100

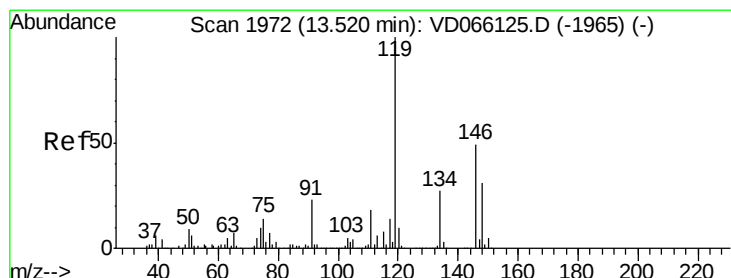
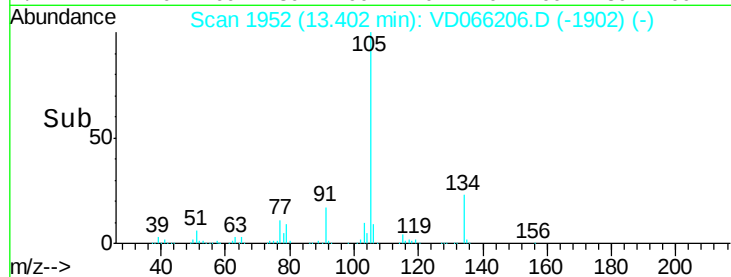
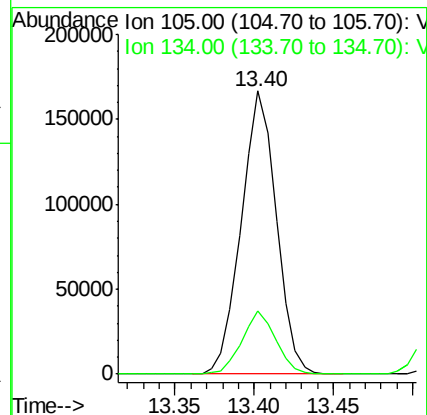
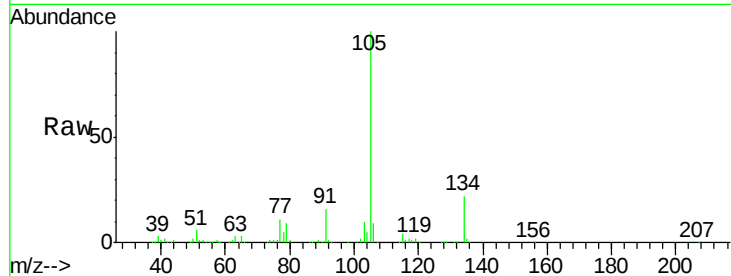
134 21.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 18.771 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066206.D

Acq: 12 Aug 2020 16:04

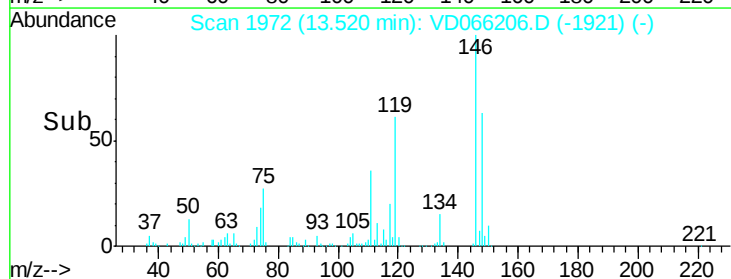
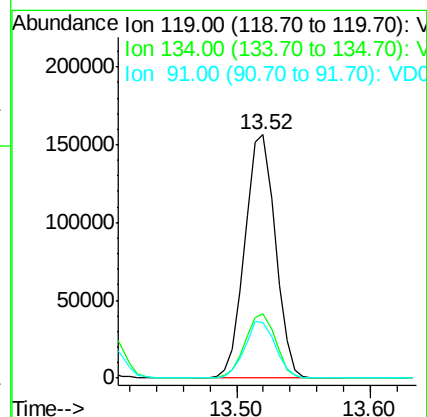
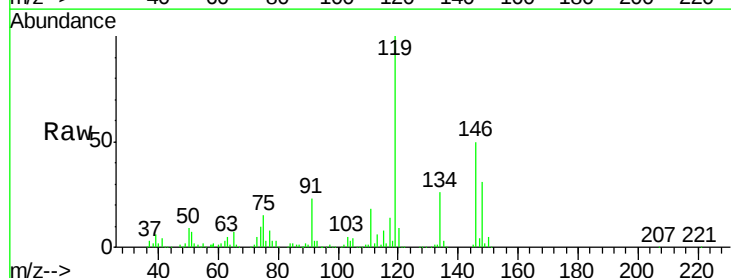
Tgt Ion:119 Resp: 247092

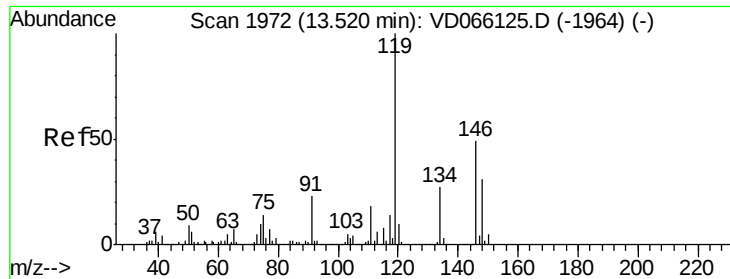
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.6 11.2 33.5





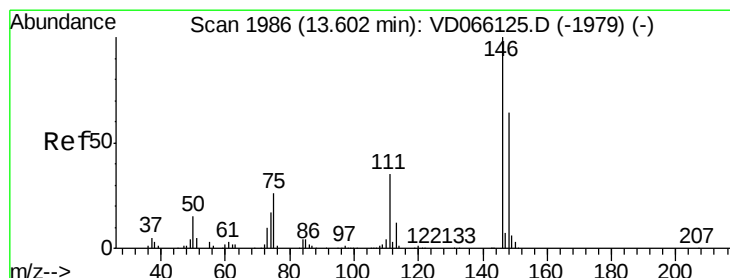
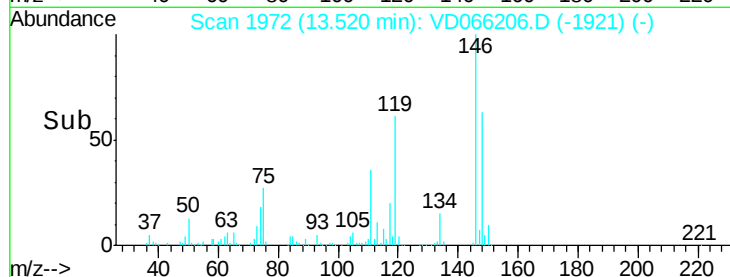
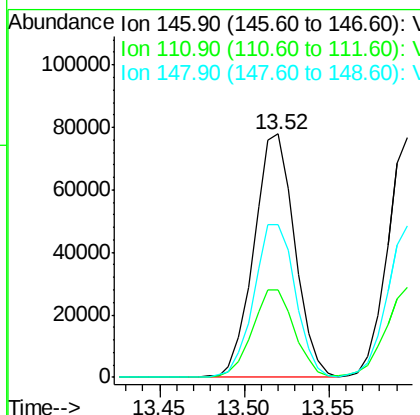
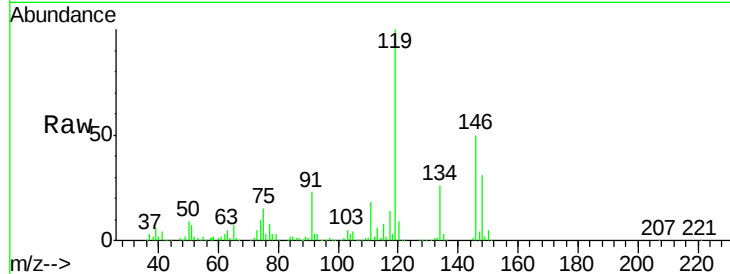
#87
 1,3-Dichlorobenzene
 Concen: 19.036 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	130171		
111	37.1	18.9	56.9	
148	64.2	31.8	95.3	

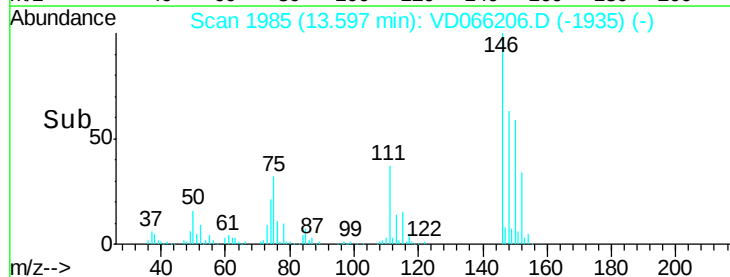
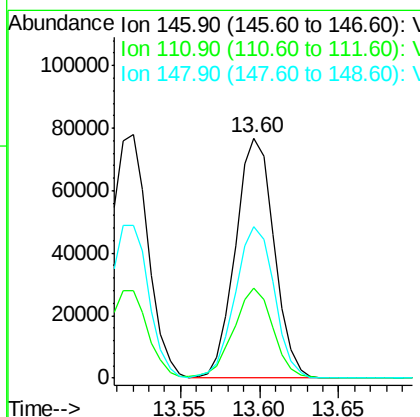
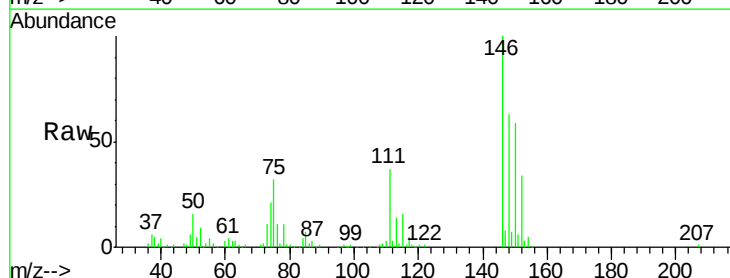
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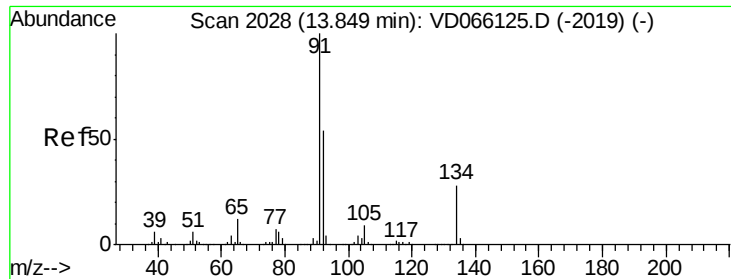
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#88
 1,4-Dichlorobenzene
 Concen: 19.052 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129921		
111	38.2	18.6	55.8	
148	63.8	32.4	97.0	





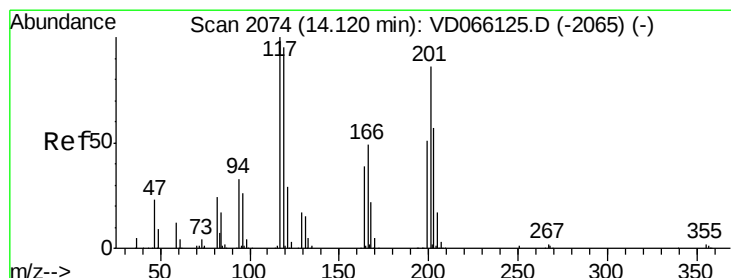
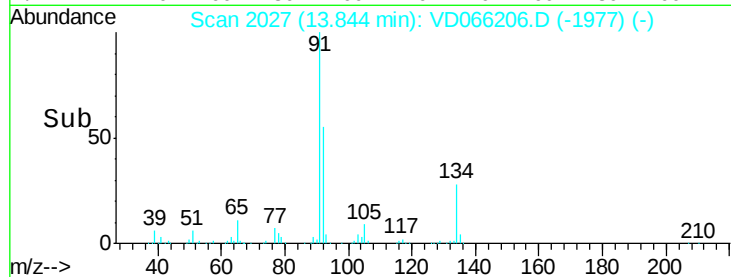
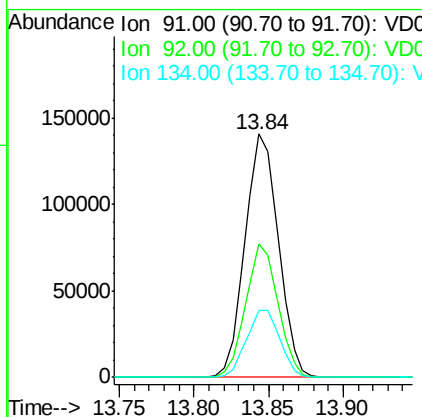
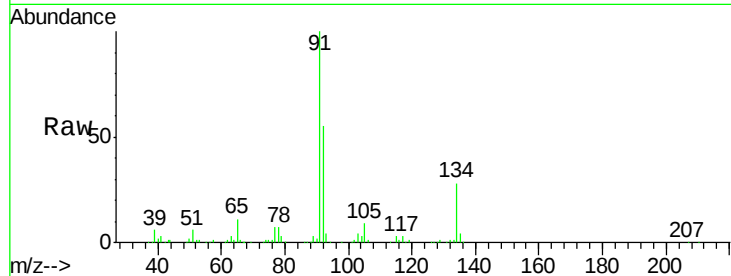
#89
n-Butylbenzene
Concen: 18.426 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.8	80.3	
134	27.9	14.0	41.9	

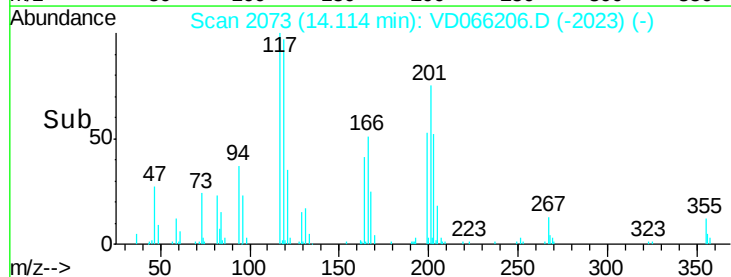
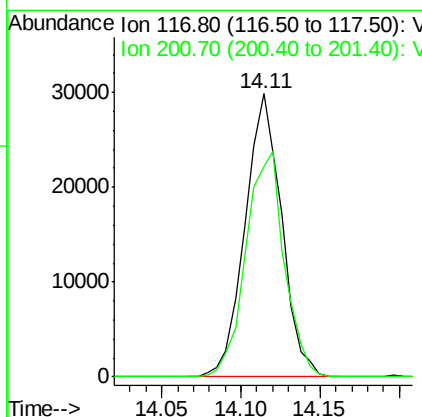
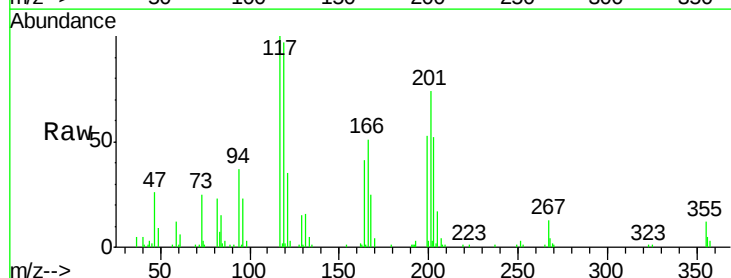
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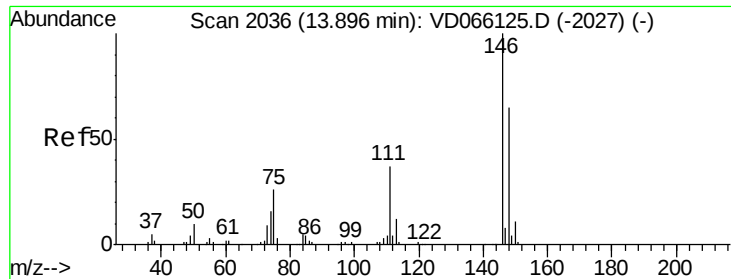
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#90
Hexachloroethane
Concen: 18.232 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.5	42.7	128.1	





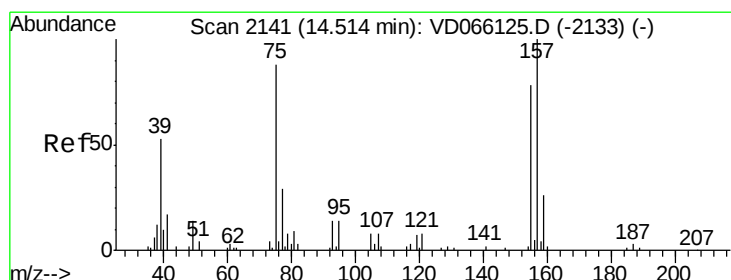
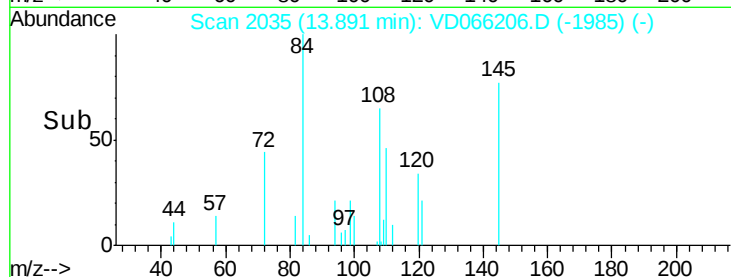
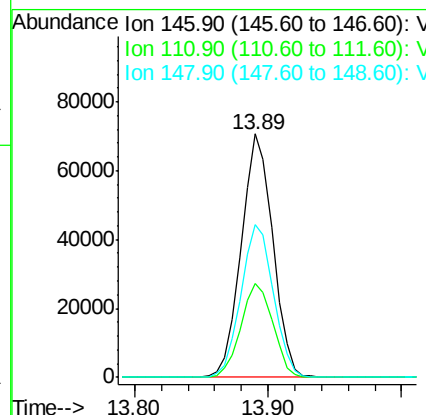
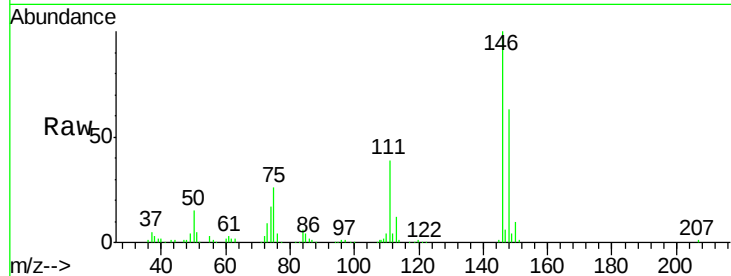
#91
 1,2-Dichlorobenzene
 Concen: 19.054 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115225		
111	39.2	18.8	56.3	
148	64.6	31.9	95.5	

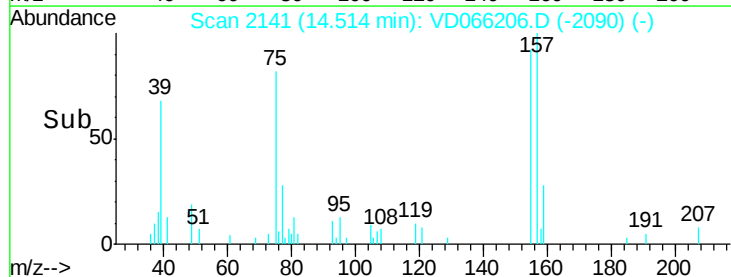
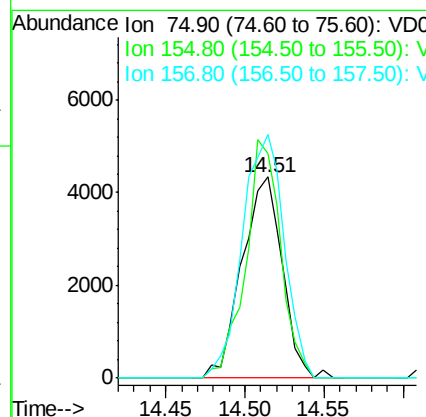
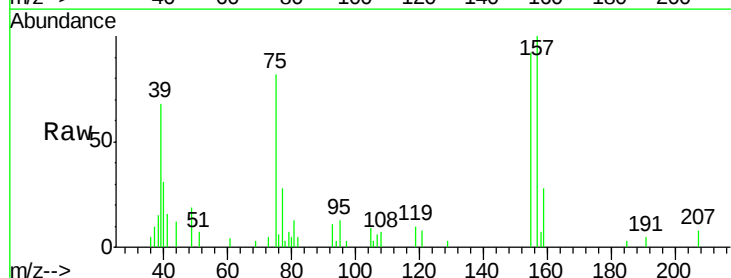
Manual Integrations
 APPROVED

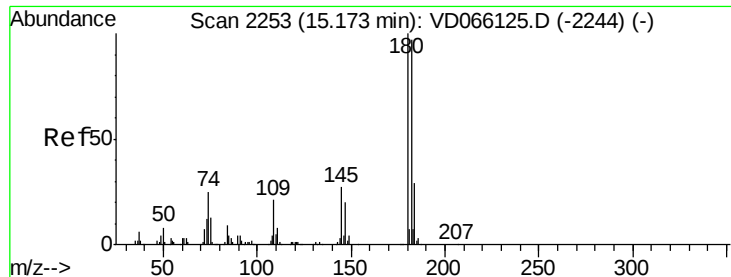
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 8/13/2020 4:21:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.476 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7653		
155	103.0	47.7	143.1	
157	125.8	62.1	186.2	





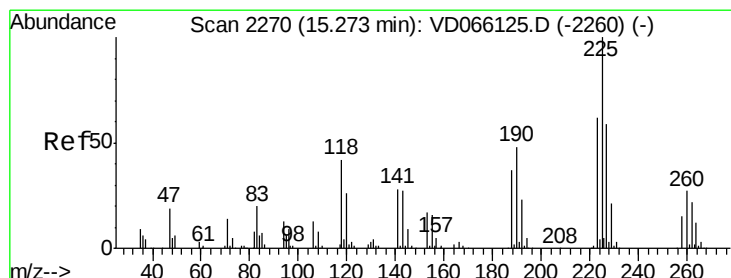
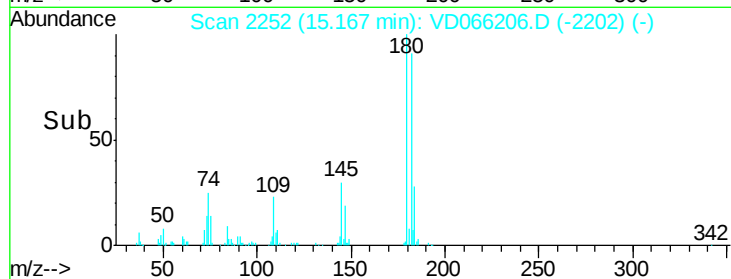
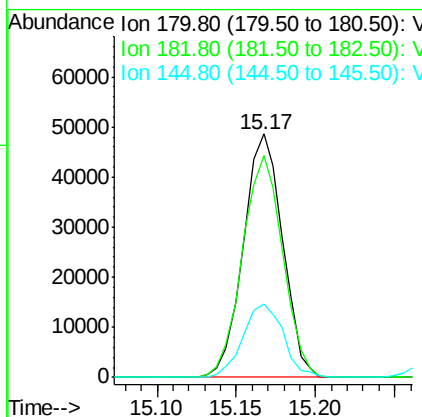
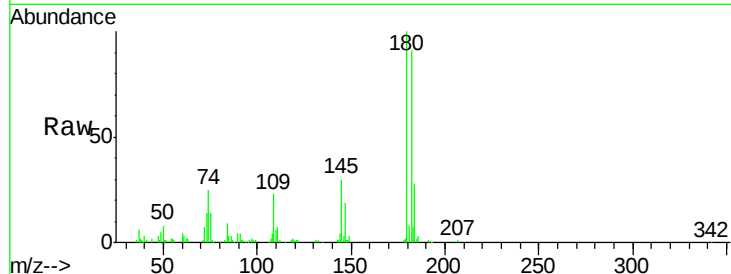
#93
 1,2,4-Trichlorobenzene
 Concen: 18.770 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	83649		
182	93.6	47.4	142.2	
145	31.1	14.5	43.6	

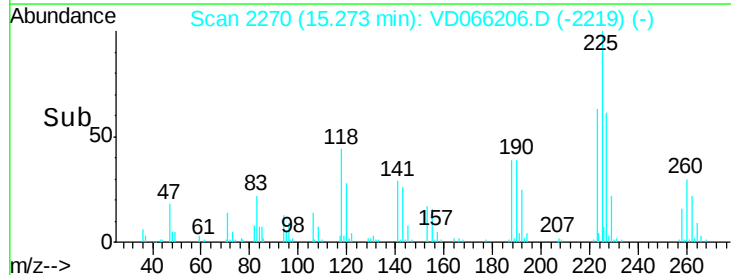
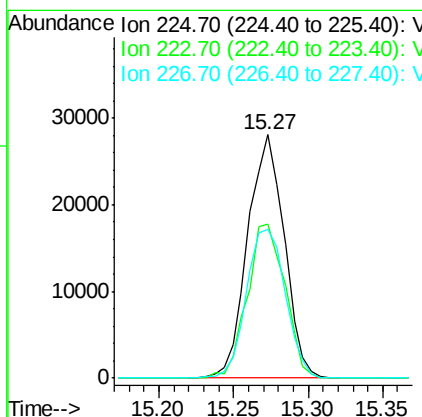
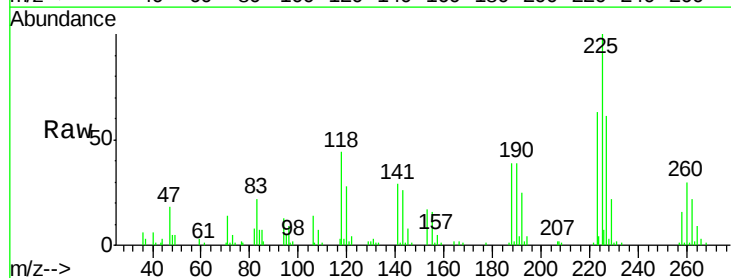
Manual Integrations
 APPROVED

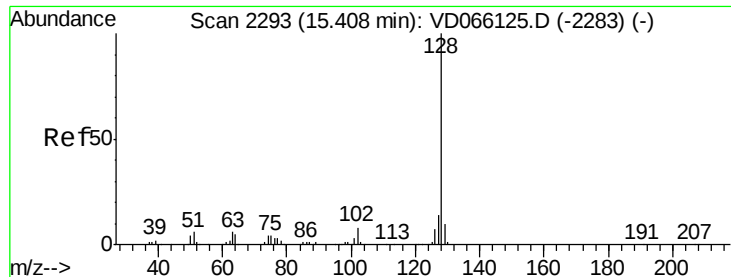
MMDadoda
 8/13/2020 4:21:04 PM



#94
 Hexachlorobutadiene
 Concen: 18.095 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066206.D
 Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47486		
223	65.4	32.3	96.9	
227	65.3	32.1	96.5	





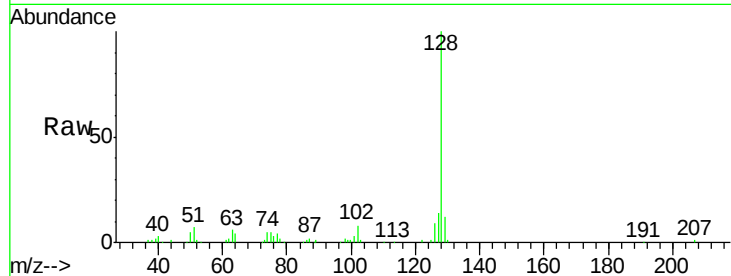
#95
Naphthalene
Concen: 18.833 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	11.0	16.4
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/13/2020 4:21:04 PM

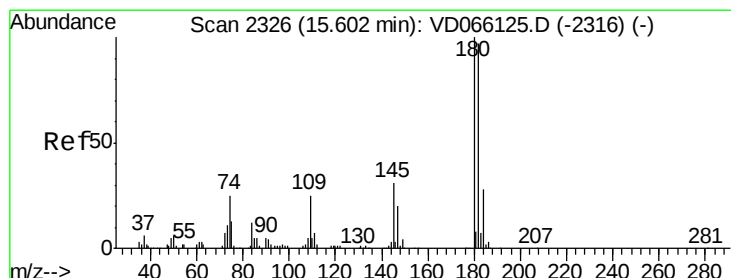
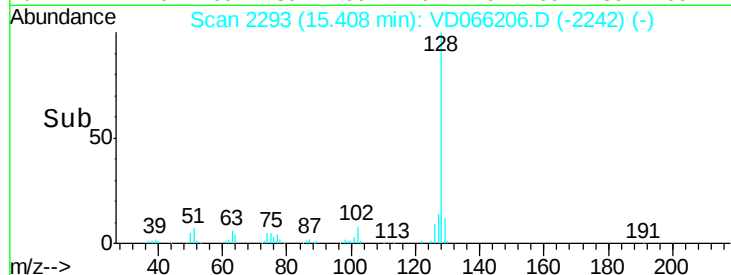
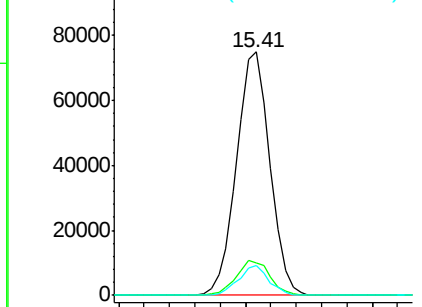


Abundance

Ion 128.00 (127.70 to 128.70): V

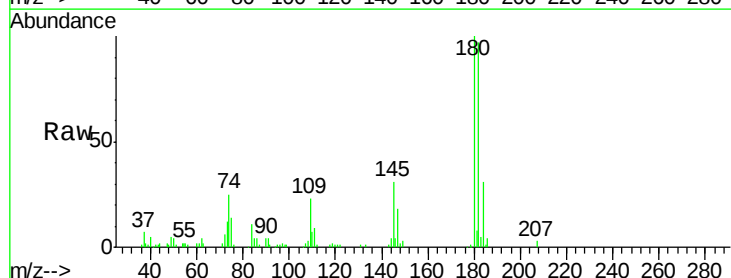
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.902 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066206.D
Acq: 12 Aug 2020 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.4
145	31.6	14.9	44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

