

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066906.D
 Acq On : 28 Sep 2020 11:57
 Operator : VA/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:46:40 AM

Quant Time: Sep 29 01:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	429320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	190980	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	7.91	113	206788	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.34	98	737161	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.63	95	256939	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	76254	22.242 ug/l	92
3) Chloromethane	2.21	50	73185	18.553 ug/l	100
4) Vinyl Chloride	2.35	62	70845	18.179 ug/l	98
5) Bromomethane	2.76	94	48512	17.711 ug/l	98
6) Chloroethane	2.92	64	41972	17.344 ug/l #	80
7) Trichlorofluoromethane	3.27	101	156564	19.562 ug/l	100
8) Diethyl Ether	3.71	74	40776	20.069 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	92773	19.991 ug/l	98
10) Methyl Iodide	4.30	142	74357	18.157 ug/l	96
11) Tert butyl alcohol	5.23	59	33488	103.999 ug/l #	86
12) 1,1-Dichloroethene	4.06	96	81925	19.487 ug/l	98
13) Acrolein	3.93	56	24419	78.776 ug/l	94
14) Allyl chloride	4.71	41	113759	18.428 ug/l	98
15) Acrylonitrile	5.43	53	85091	94.501 ug/l	99
16) Acetone	4.16	43	74738	83.844 ug/l	96
17) Carbon Disulfide	4.41	76	247266	19.238 ug/l	96
18) Methyl Acetate	4.72	43	38833	17.140 ug/l	97
19) Methyl tert-butyl Ether	5.48	73	182247	19.962 ug/l	98
20) Methylene Chloride	4.97	84	116975	20.930 ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	94891	19.494 ug/l	95
22) Diisopropyl ether	6.36	45	239654	18.881 ug/l	95
23) Vinyl Acetate	6.31	43	607854	89.936 ug/l	99
24) 1,1-Dichloroethane	6.27	63	159470	18.781 ug/l	96
25) 2-Butanone	7.21	43	100760	94.062 ug/l	98
26) 2,2-Dichloropropane	7.20	77	146790	18.861 ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	106669	20.168 ug/l	95
28) Bromochloromethane	7.55	49	62711	17.877 ug/l #	93
29) Tetrahydrofuran	7.56	42	65570	95.530 ug/l	97
30) Chloroform	7.71	83	174456	19.060 ug/l	99
31) Cyclohexane	7.98	56	141933	18.577 ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	161761	19.536 ug/l	99
36) 1,1-Dichloropropene	8.11	75	133047	19.874 ug/l	99
37) Ethyl Acetate	7.29	43	48071	19.863 ug/l #	92
38) Carbon Tetrachloride	8.10	117	145324	19.856 ug/l	92

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Manual Integrations
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MMDadoda
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Quant Time: Sep 29 01:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	151097	19.658	ug/l	96
40) Benzene	8.34	78	373105	19.998	ug/l	94
41) Methacrylonitrile	7.51	41	27486m	18.468	ug/l	
42) 1,2-Dichloroethane	8.42	62	104972	19.032	ug/l	98
43) Isopropyl Acetate	8.45	43	88413	18.949	ug/l	98
44) Trichloroethene	9.11	130	108299	20.365	ug/l	98
45) 1,2-Dichloropropane	9.38	63	90622	19.305	ug/l	99
46) Dibromomethane	9.47	93	51060	20.020	ug/l	95
47) Bromodichloromethane	9.66	83	133673	19.510	ug/l	99
48) Methyl methacrylate	9.46	41	42237	18.360	ug/l	97
49) 1,4-Dioxane	9.46	88	13257	395.628	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	229972	97.272	ug/l	100
52) Toluene	10.40	92	243753	20.282	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	119201	20.441	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	144268	20.289	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	70129	20.001	ug/l	98
56) Ethyl methacrylate	10.66	69	76743	20.431	ug/l	98
57) 1,3-Dichloropropane	10.94	76	115669	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	206967	116.372	ug/l	97
59) 2-Hexanone	10.98	43	156892	98.404	ug/l	99
60) Dibromochloromethane	11.14	129	95315	20.829	ug/l	98
61) 1,2-Dibromoethane	11.24	107	68533	21.015	ug/l	98
64) Tetrachloroethene	10.87	164	94715	21.575	ug/l	98
65) Chlorobenzene	11.67	112	261981	20.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	101109	21.028	ug/l	100
67) Ethyl Benzene	11.74	91	455871	20.431	ug/l	98
68) m/p-Xylenes	11.85	106	361404	42.781	ug/l	97
69) o-Xylene	12.18	106	159113	20.830	ug/l	99
70) Styrene	12.19	104	279397	21.062	ug/l	99
71) Bromoform	12.36	173	52831	21.701	ug/l #	98
73) Isopropylbenzene	12.48	105	438845	20.405	ug/l	99
74) N-amyl acetate	12.29	43	82631	19.675	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	74984	20.206	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	54729m	22.183	ug/l	
77) Bromobenzene	12.76	156	105498	20.974	ug/l	95
78) n-propylbenzene	12.82	91	523784	20.244	ug/l	98
79) 2-Chlorotoluene	12.91	91	296675	20.122	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	375169	20.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	22349	22.664	ug/l	94
82) 4-Chlorotoluene	13.00	91	313939	20.199	ug/l	99
83) tert-Butylbenzene	13.23	119	312615	20.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	377877	20.883	ug/l	100
85) sec-Butylbenzene	13.40	105	443717	20.578	ug/l	100
86) p-Isopropyltoluene	13.52	119	406386	20.908	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	201469	20.274	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	203210	20.589	ug/l	98
89) n-Butylbenzene	13.84	91	369342	19.992	ug/l	99
90) Hexachloroethane	14.11	117	76593	19.410	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	175168	20.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11883	19.905	ug/l	93

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ClientSampleId :
VD0928SBS01

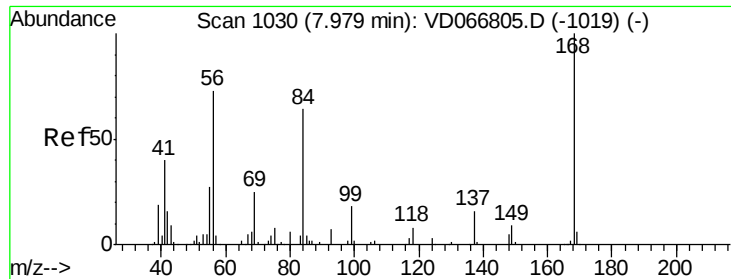
Manual Integrations
APPROVED

MMDadoda
9/29/2020 11:46:40 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114058	21.312	ug/l	93
94) Hexachlorobutadiene	15.27	225	67035	20.902	ug/l	98
95) Naphthalene	15.41	128	185851	20.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	94981	20.562	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion:168 Resp: 429320

Ion Ratio Lower Upper

168 100

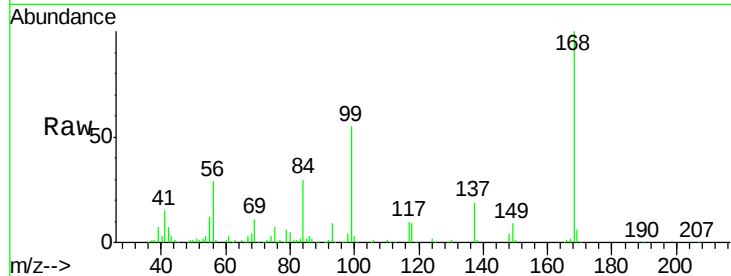
99 54.8 46.6 69.8

Manual Integrations

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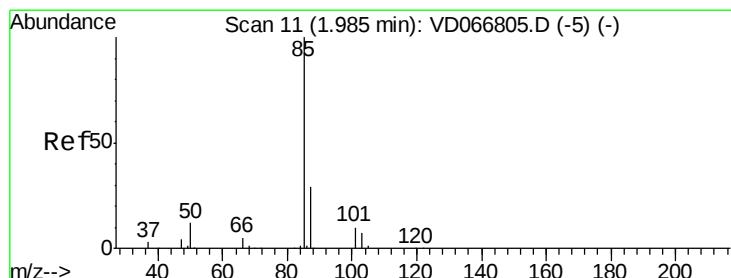
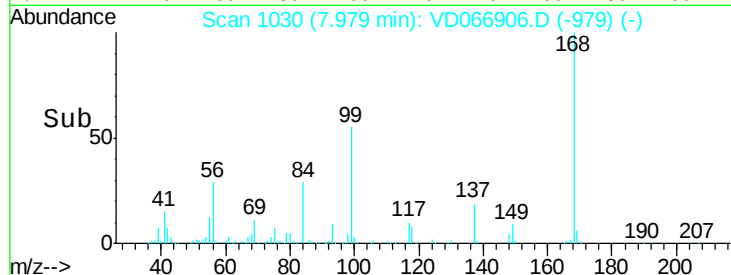
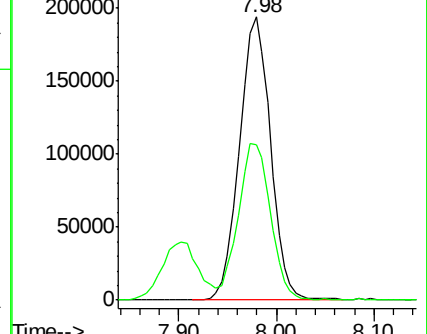
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.242 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066906.D

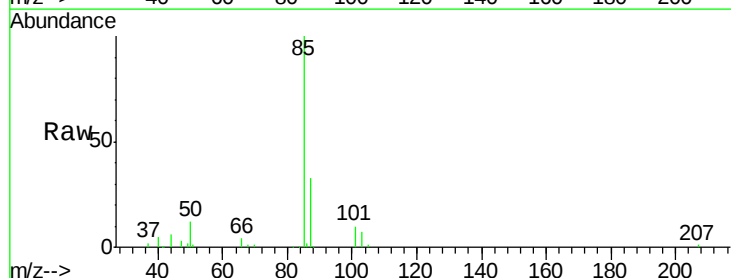
Acq: 28 Sep 2020 11:57

Tgt Ion: 85 Resp: 76254

Ion Ratio Lower Upper

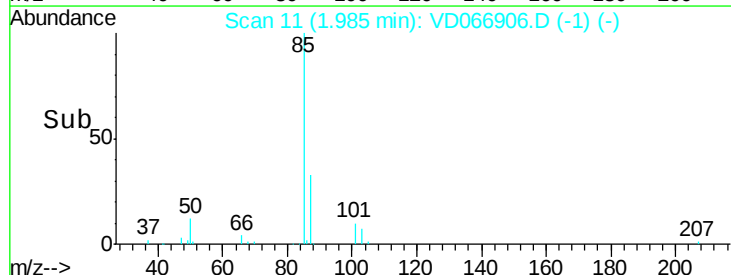
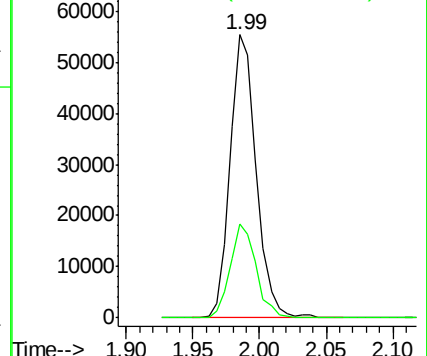
85 100

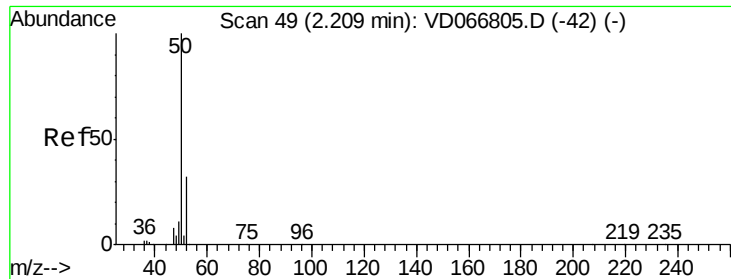
87 33.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.553 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 50 Resp: 73185

Ion Ratio Lower Upper

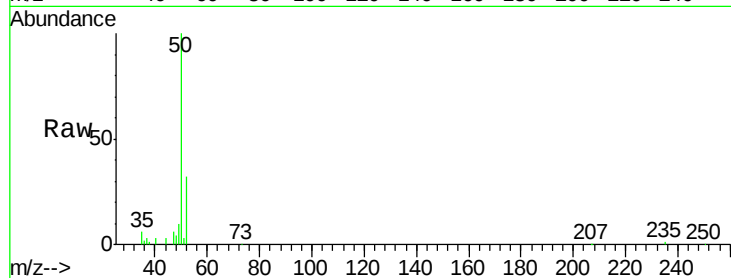
50 100

52 31.7 25.5 38.3

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

60000

50000

40000

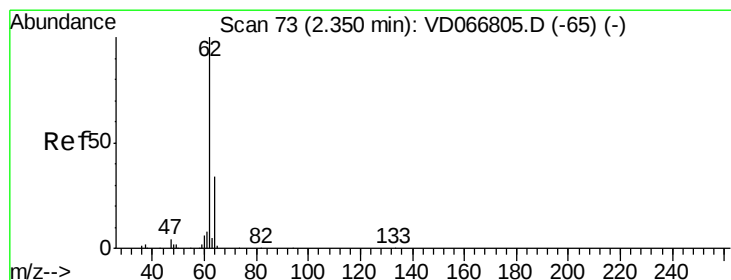
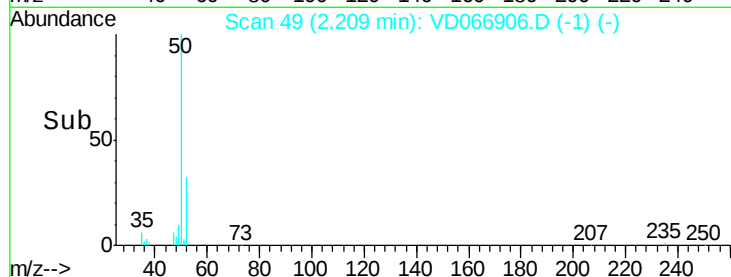
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 18.179 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066906.D

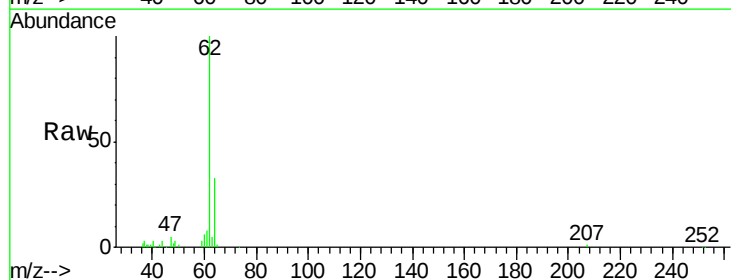
Acq: 28 Sep 2020 11:57

Tgt Ion: 62 Resp: 70845

Ion Ratio Lower Upper

62 100

64 32.6 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

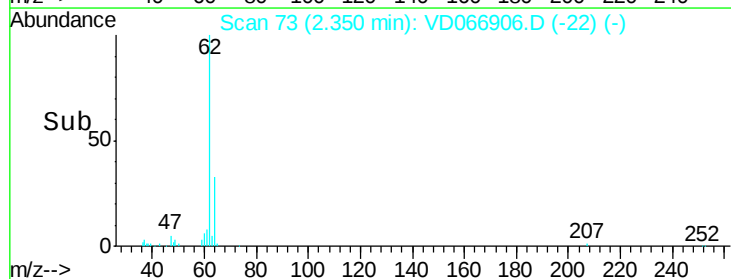
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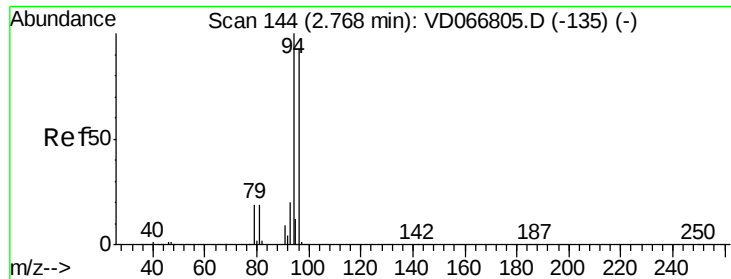
20000

10000

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Time-->





#5

Bromomethane

Concen: 17.711 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 94 Resp: 48512

Ion Ratio Lower Upper

94 100

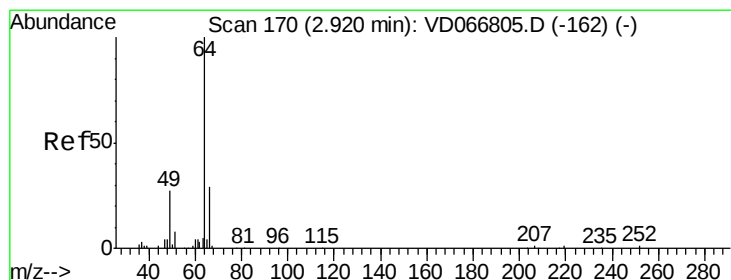
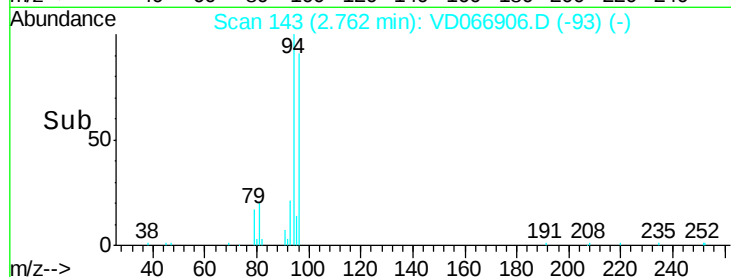
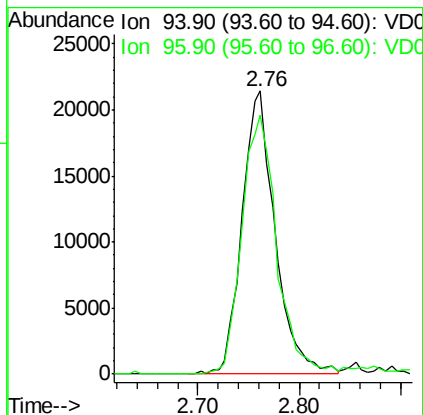
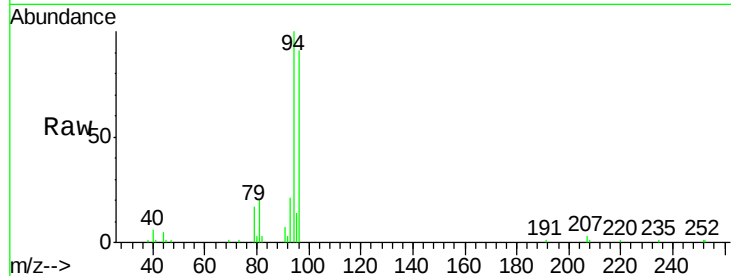
96 91.4 74.3 111.5

Manual Integrations

APPROVED

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9/29/2020 11:46:40 AM



#6

Chloroethane

Concen: 17.344 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066906.D

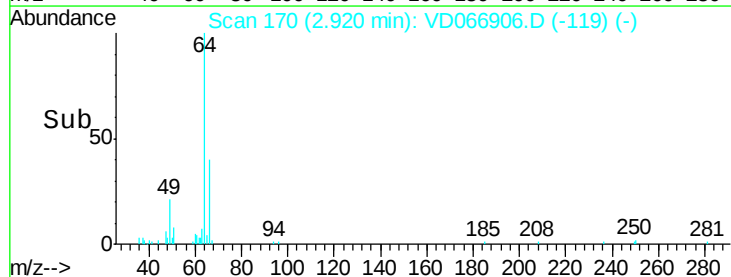
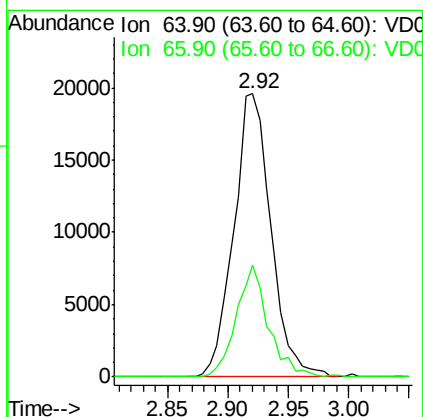
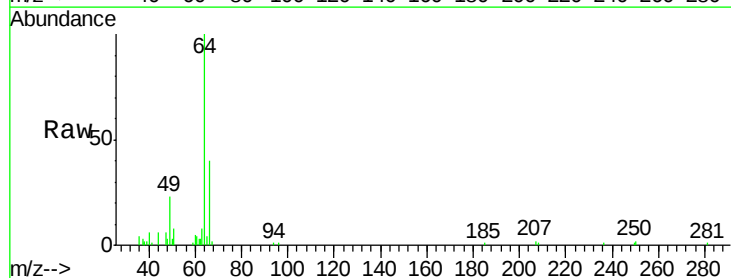
Acq: 28 Sep 2020 11:57

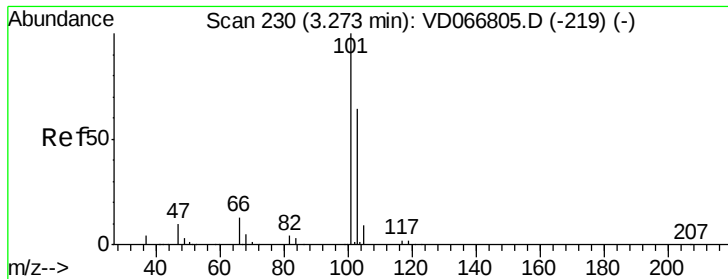
Tgt Ion: 64 Resp: 41972

Ion Ratio Lower Upper

64 100

66 39.6 23.3 34.9#





#7

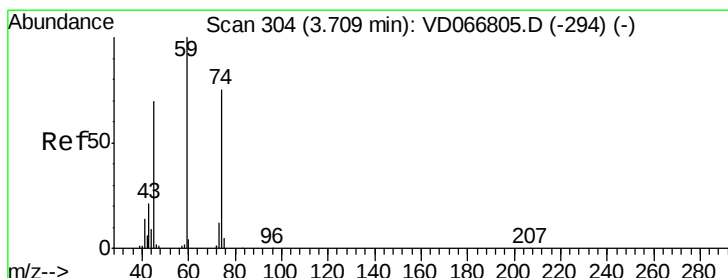
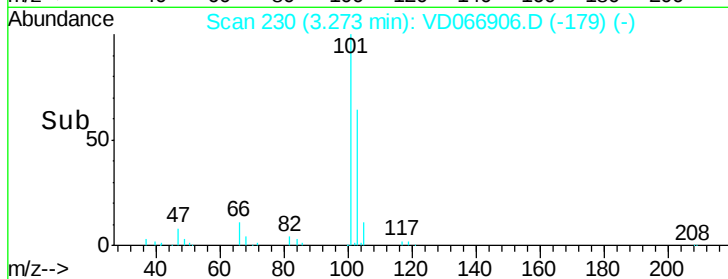
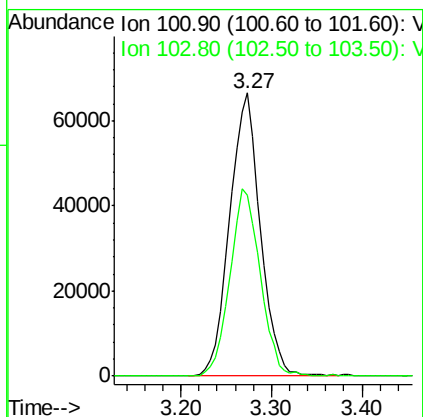
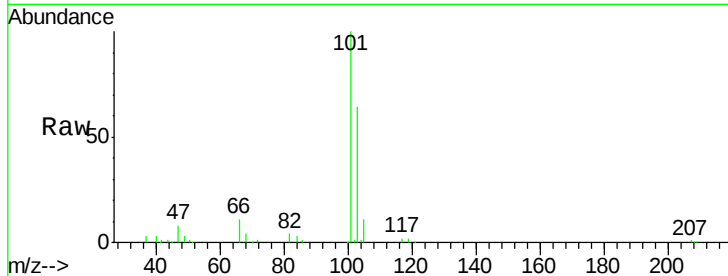
Trichlorofluoromethane
 Concen: 19.562 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

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 VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	156564		
103	64.1	51.0	76.6	

Manual Integrations
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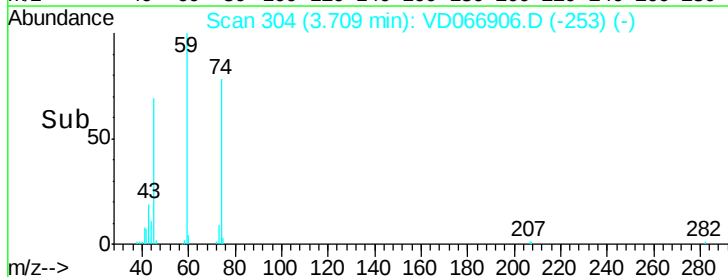
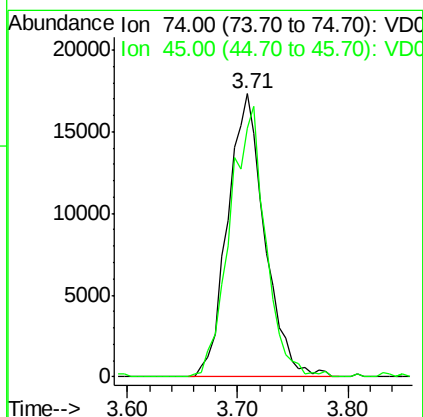
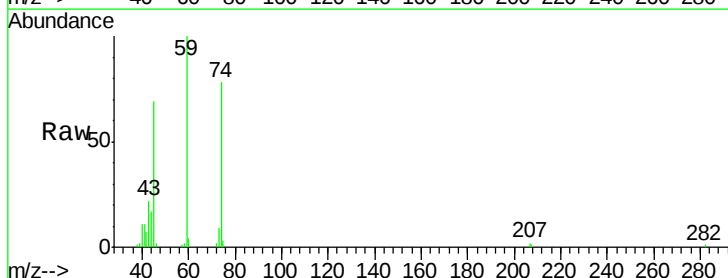
MMDadoda
 9/29/2020 11:46:40 AM

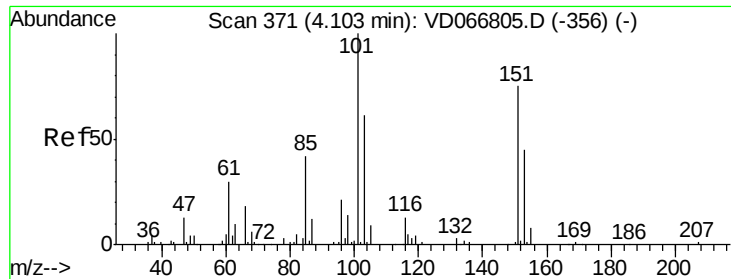


#8

Diethyl Ether
 Concen: 20.069 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40776		
45	92.3	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.991 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

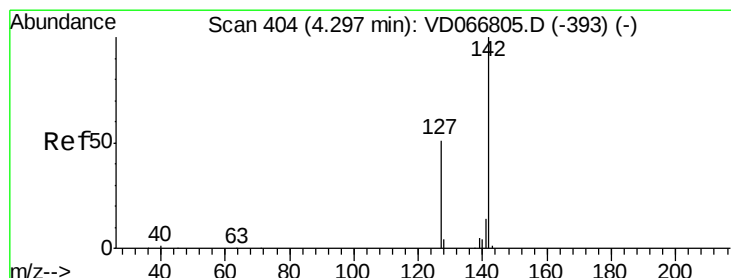
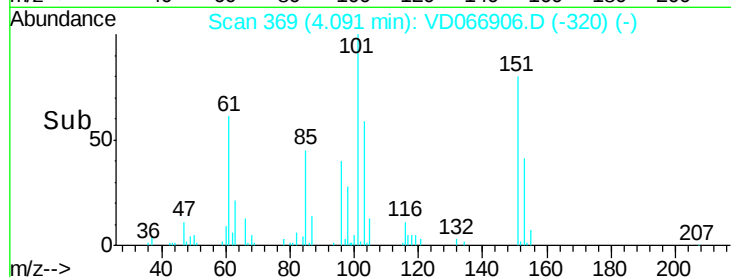
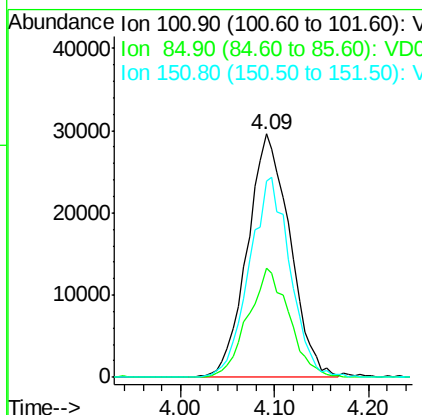
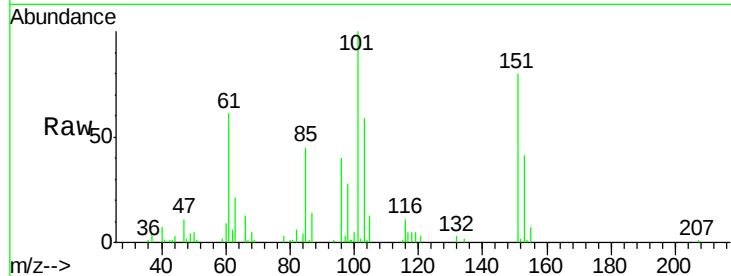
ClientSampleId :

VD0928SBS01

Tot Ion:	101	Resp:	92773
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.4	53.2
151	79.0	61.4	92.0

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#10

Methyl Iodide

Concen: 18.157 ug/l

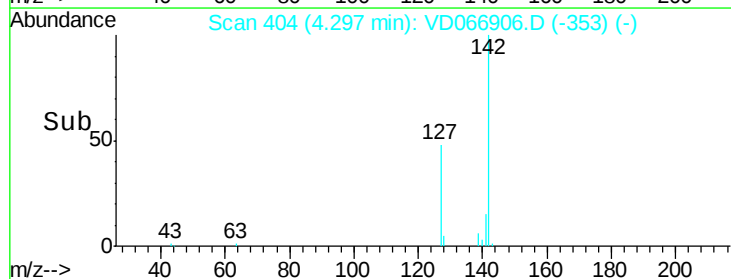
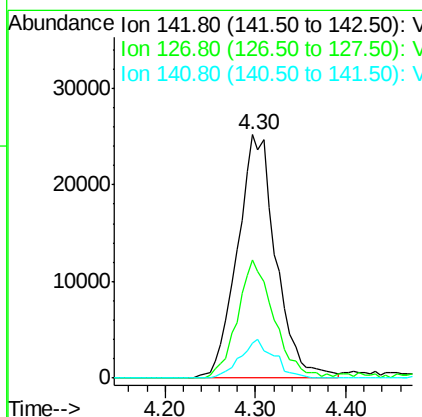
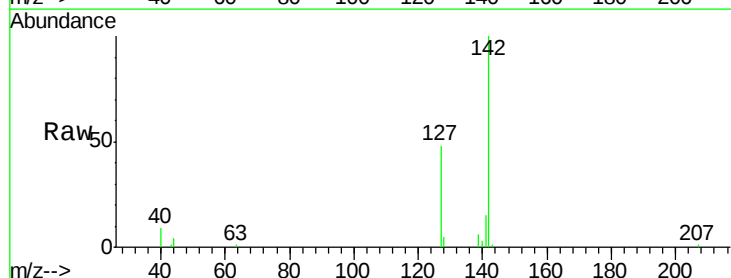
RT: 4.30 min Scan# 404

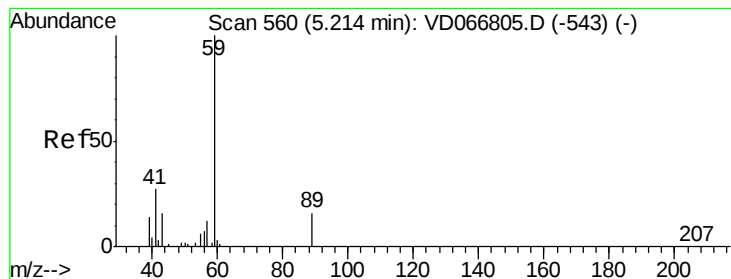
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	142	Resp:	74357
Ion Ratio	Lower	Upper	
142	100		
127	45.9	39.4	59.0
141	14.1	12.1	18.1





#11

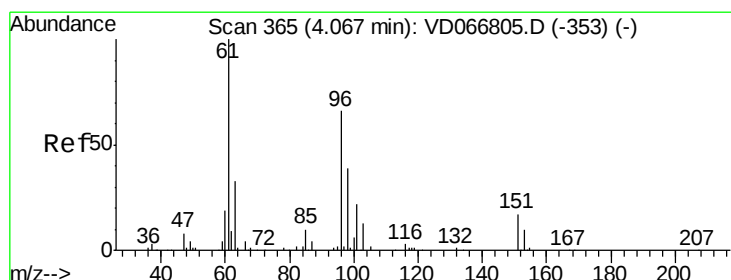
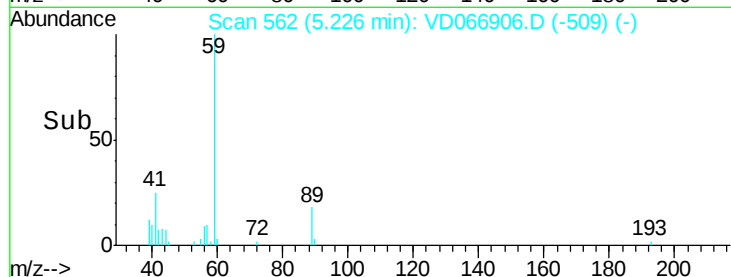
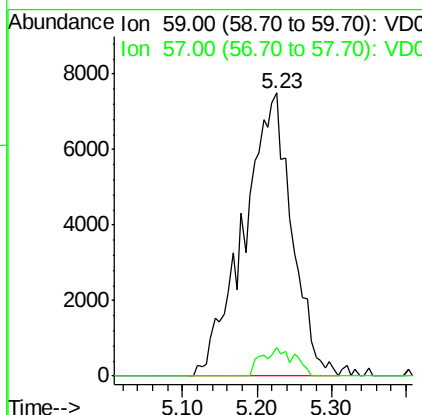
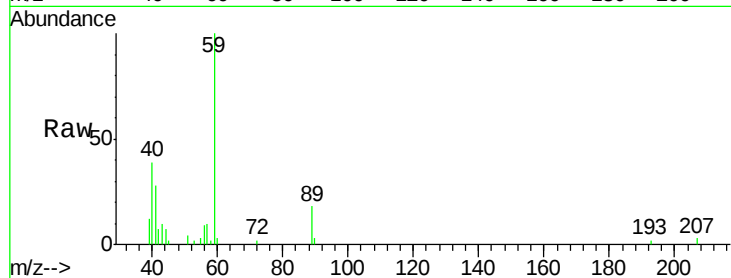
Tert butyl alcohol
Concen: 103.999 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	59	Resp	33488
Ion Ratio	100	Lower	Upper
57	5.2	8.3	12.5#

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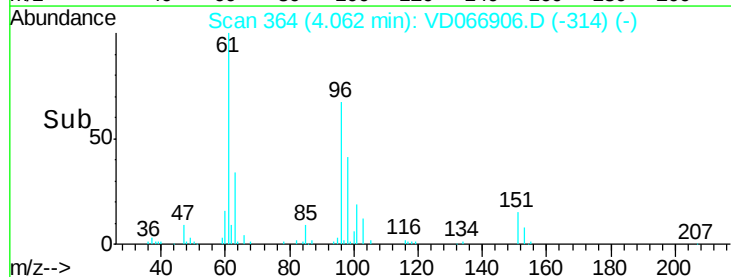
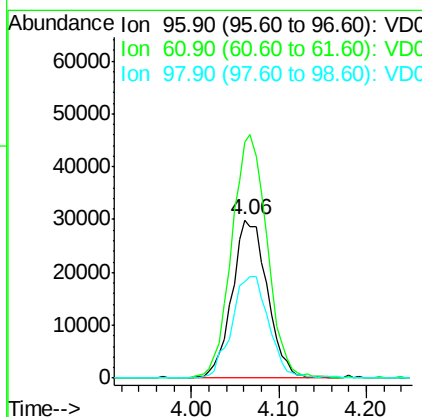
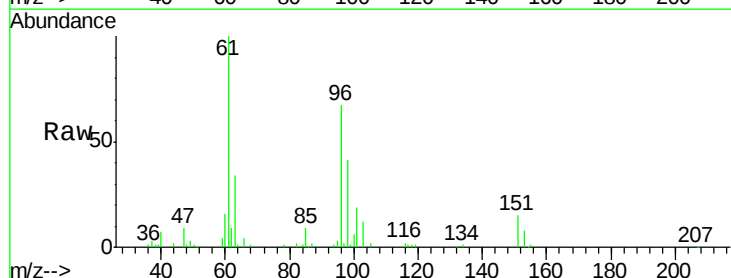
MMDadoda
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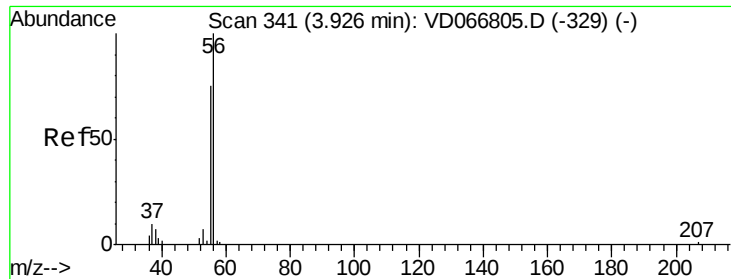


#12

1,1-Dichloroethene
Concen: 19.487 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	96	Resp	81925
Ion Ratio	100	Lower	Upper
61	149.2	120.8	181.2
98	61.3	47.7	71.5





#13

Acrolein

Concen: 78.776 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 56 Resp: 24419

Ion Ratio Lower Upper

56 100

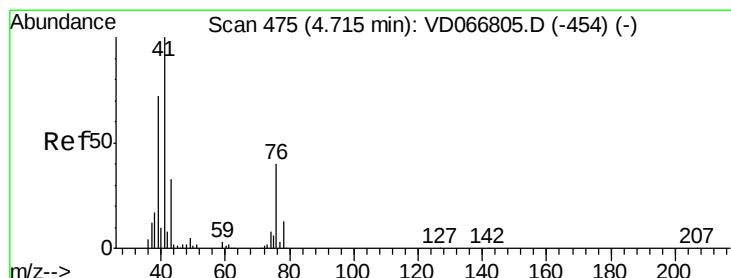
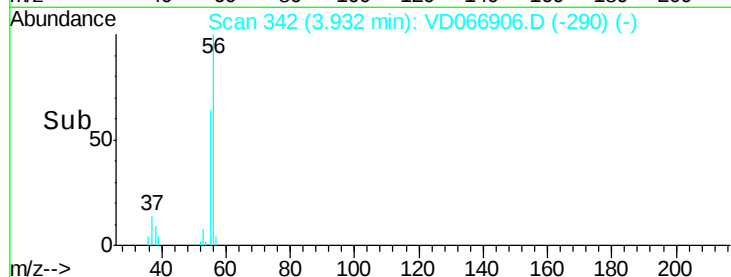
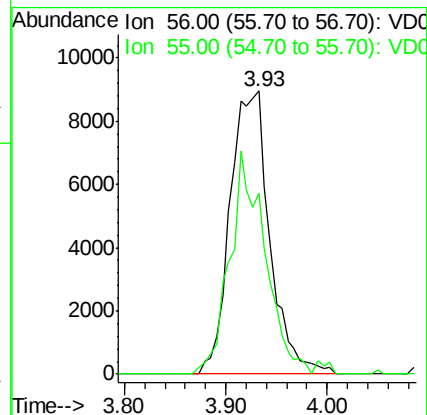
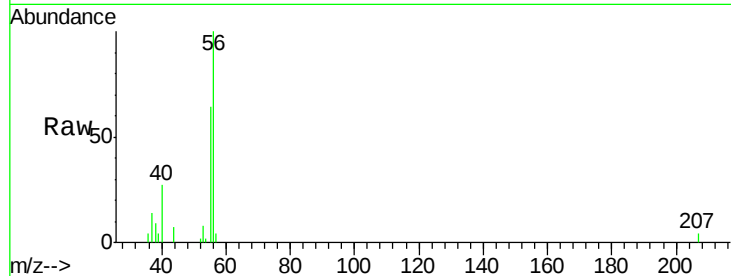
55 70.3 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 18.428 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

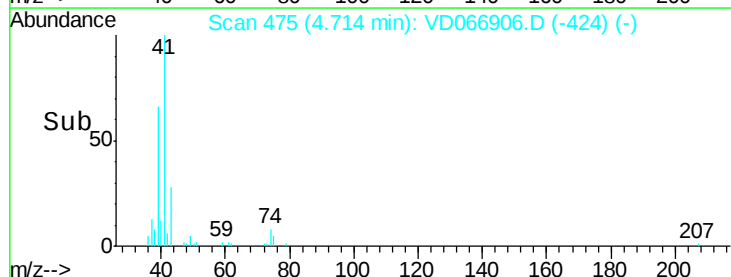
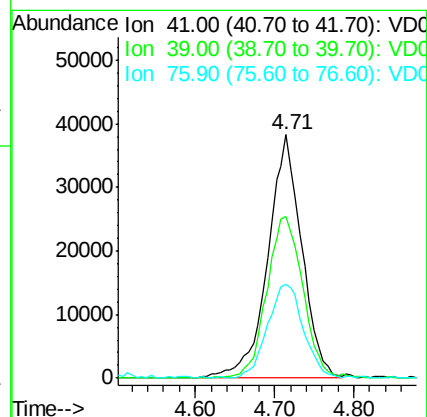
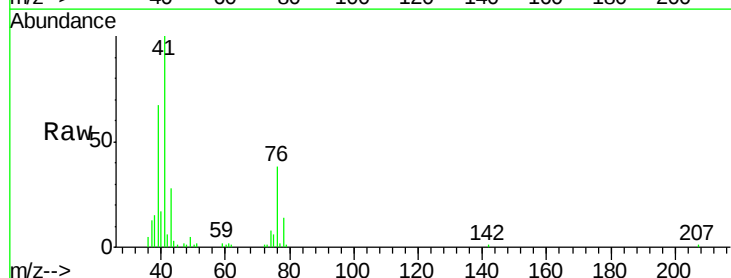
Tgt Ion: 41 Resp: 113759

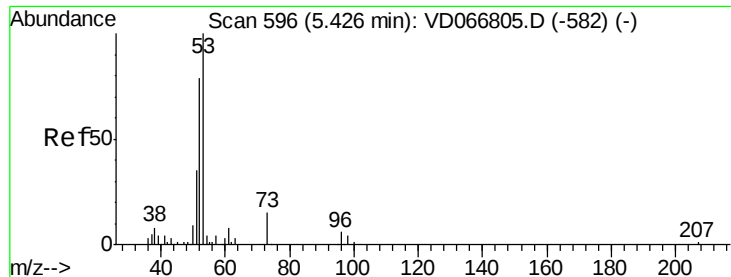
Ion Ratio Lower Upper

41 100

39 70.8 57.8 86.8

76 40.5 30.9 46.3





#15

Acrylonitrile

Concen: 94.501 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

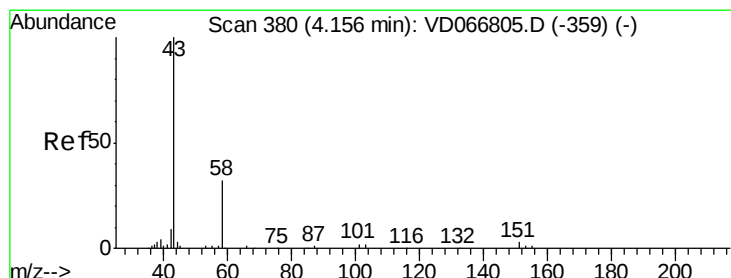
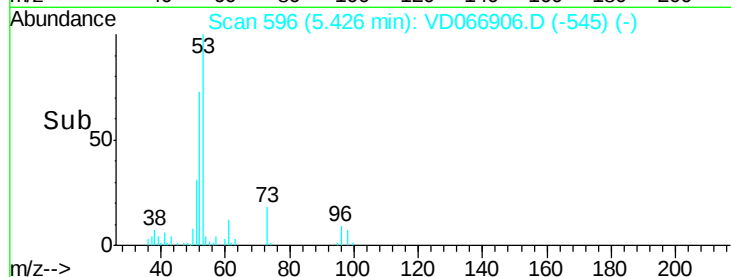
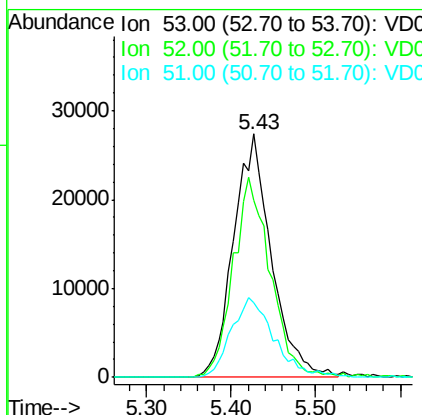
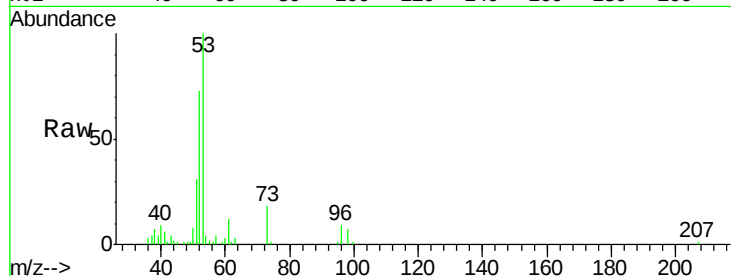
ClientSampleId :

VD0928SBS01

Tot Ion:	53	Resp:	85091
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.2	97.8
51	37.1	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 83.844 ug/l

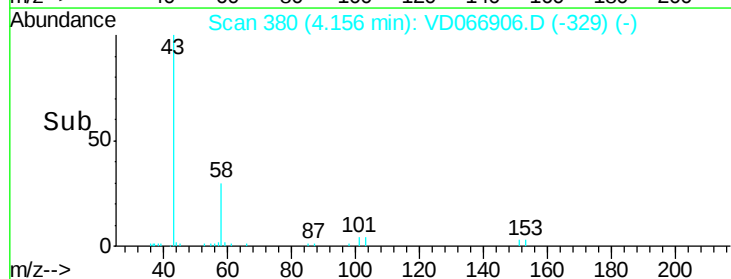
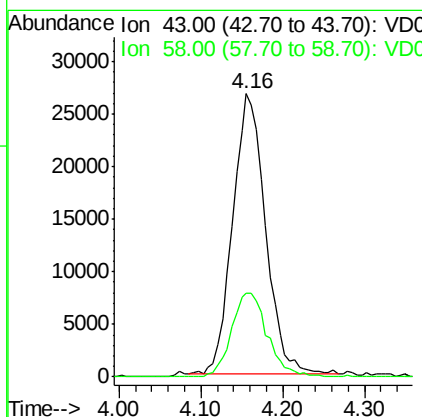
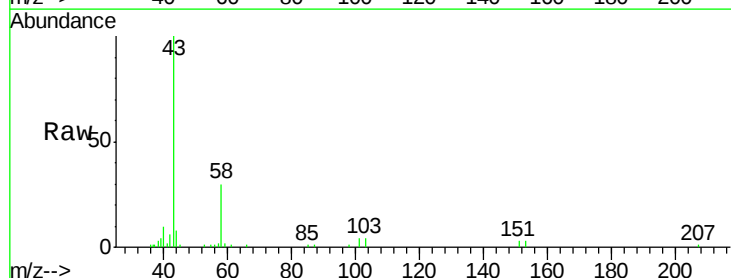
RT: 4.16 min Scan# 380

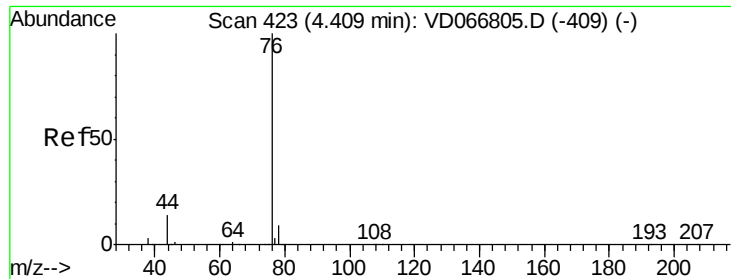
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	43	Resp:	74738
Ion Ratio	Lower	Upper	
43	100		
58	30.0	25.6	38.4





#17

Carbon Disulfide

Concen: 19.238 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 76 Resp: 247266

Ion Ratio Lower Upper

76 100

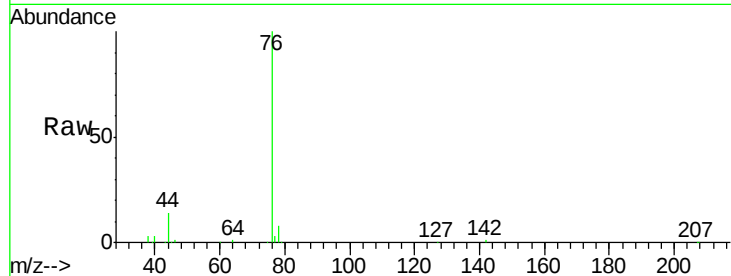
78 8.0 7.6 11.4

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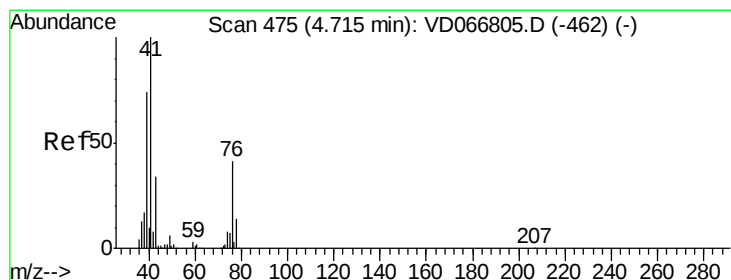
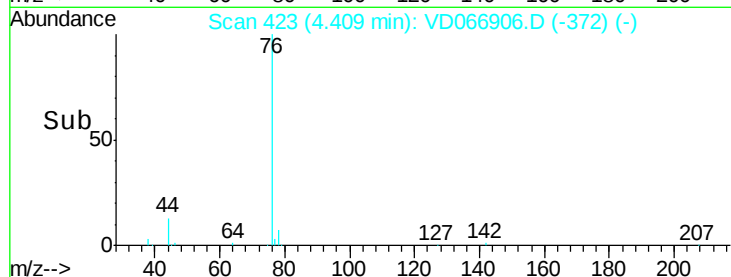
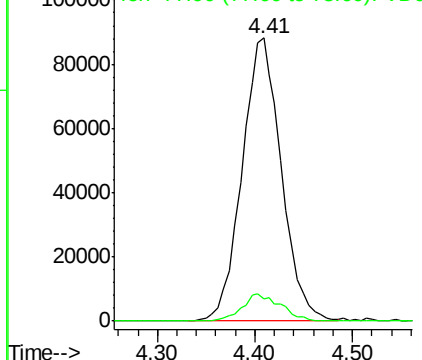
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 17.140 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066906.D

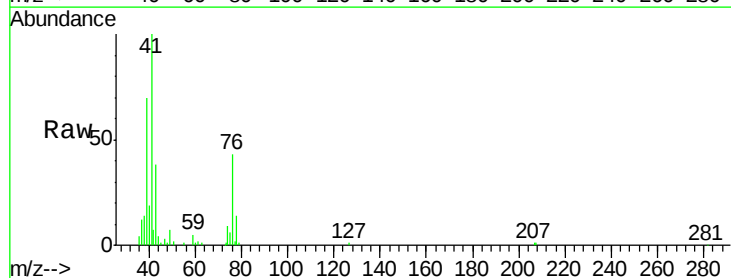
Acq: 28 Sep 2020 11:57

Tgt Ion: 43 Resp: 38833

Ion Ratio Lower Upper

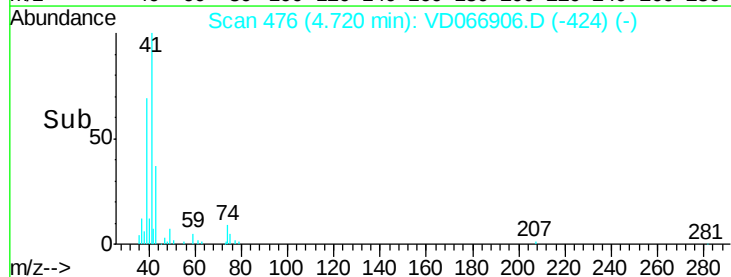
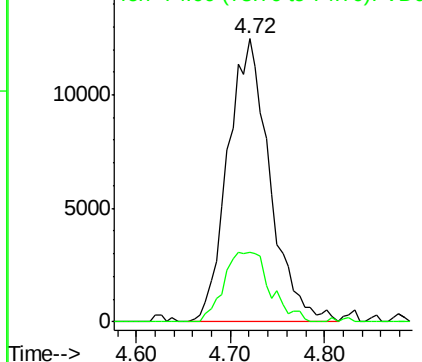
43 100

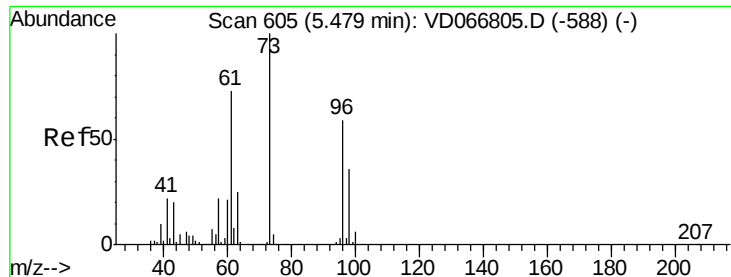
74 26.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





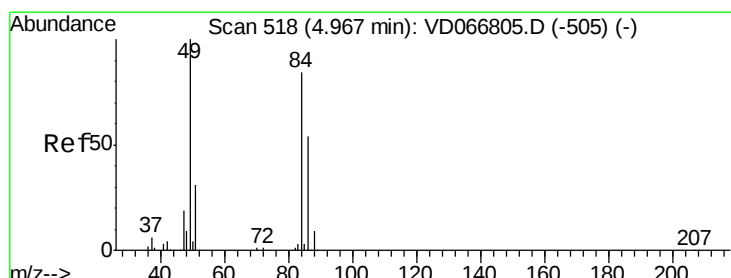
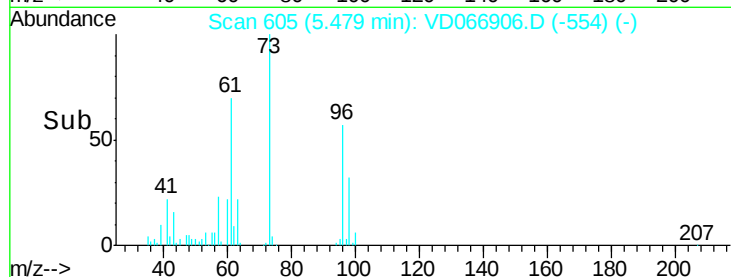
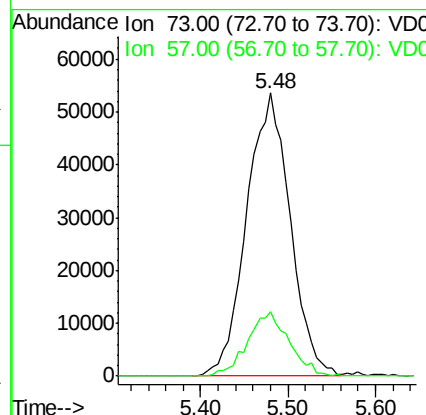
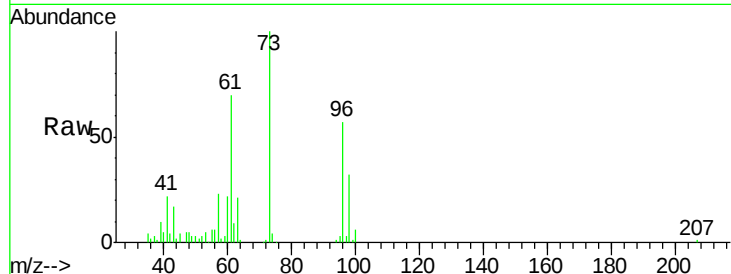
#19
Methvl tert-butvl Ether
Concen: 19.962 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion: 73 Resp: 182247
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2

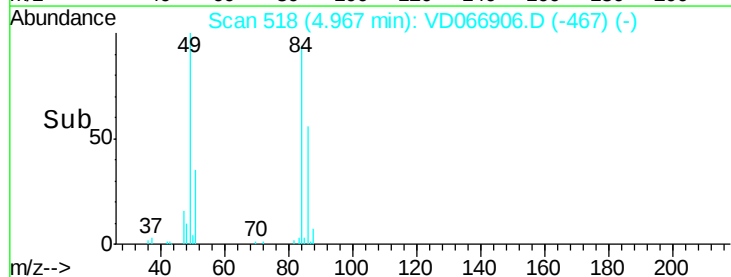
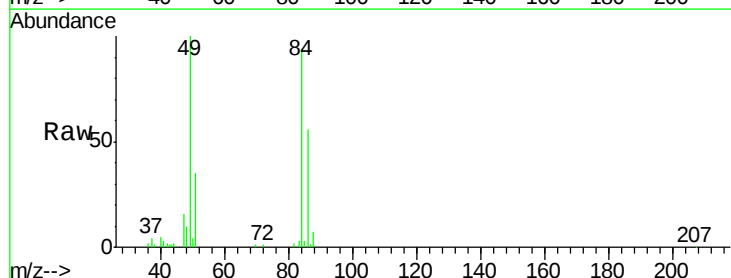
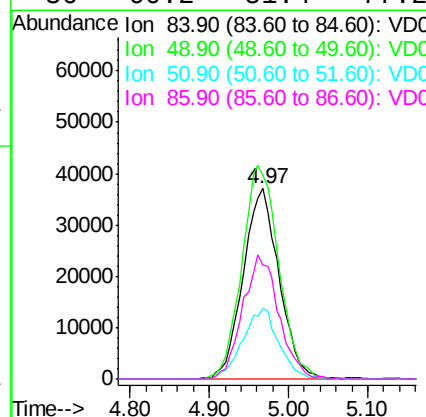
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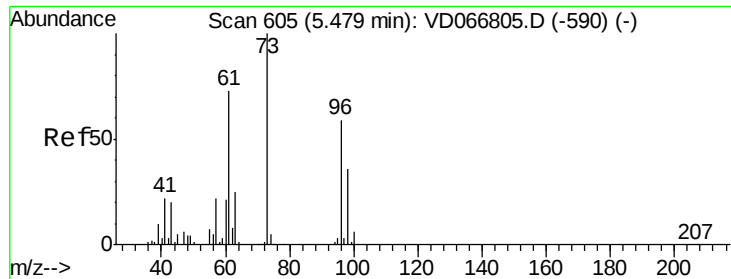
MMDadoda
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#20
Methylene Chloride
Concen: 20.930 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 84 Resp: 116975
Ion Ratio Lower Upper
84 100
49 106.8 95.4 143.2
51 37.3 29.7 44.5
86 60.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.494 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

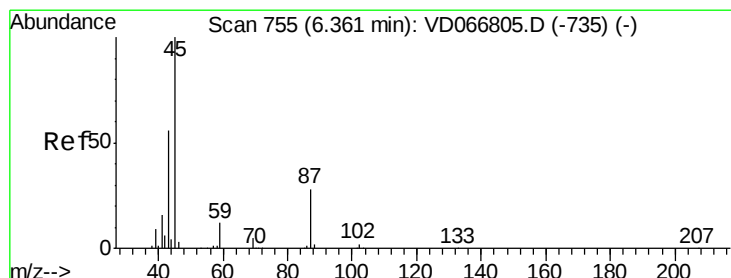
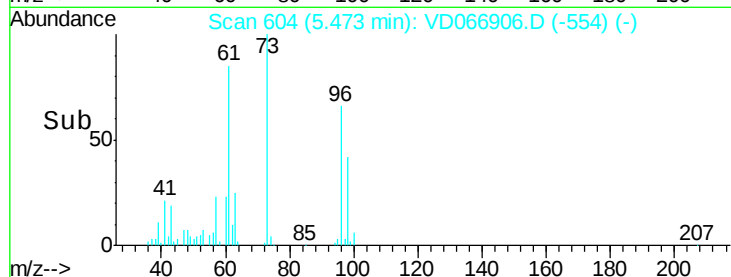
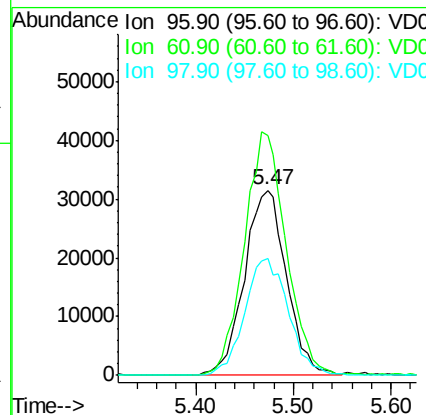
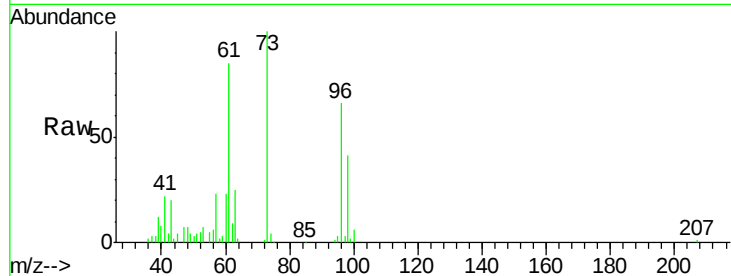
ClientSampleId :

VD0928SBS01

Tot Ion:	96	Resp:	94891
Ion	Ratio	Lower	Upper
96	100		
61	129.7	98.9	148.3
98	63.1	48.4	72.6

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#22

Diisopropyl ether

Concen: 18.881 ug/l

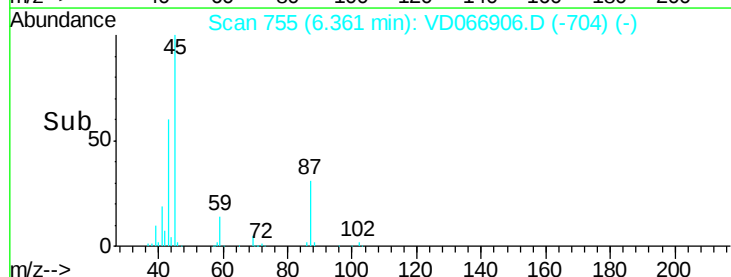
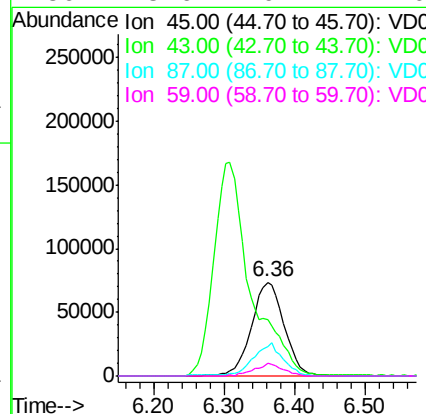
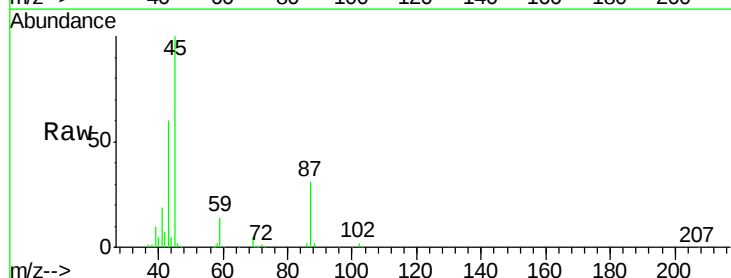
RT: 6.36 min Scan# 755

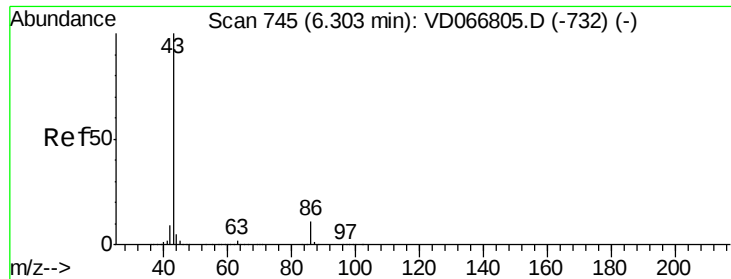
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	45	Resp:	239654
Ion	Ratio	Lower	Upper
45	100		
43	59.4	44.5	66.7
87	31.1	22.9	34.3
59	13.6	9.4	14.0





#23

Vinyl Acetate

Concen: 89.936 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 43 Resp: 607854

Ion Ratio Lower Upper

43 100

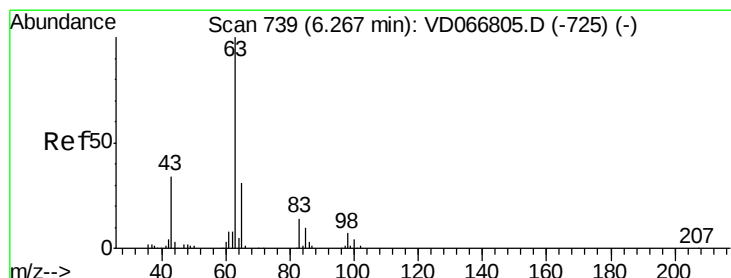
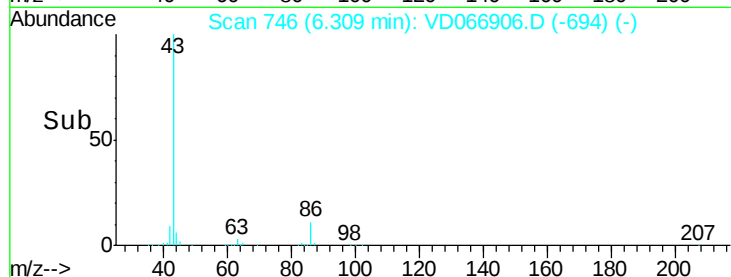
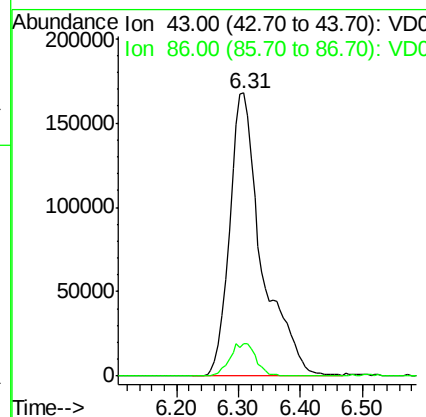
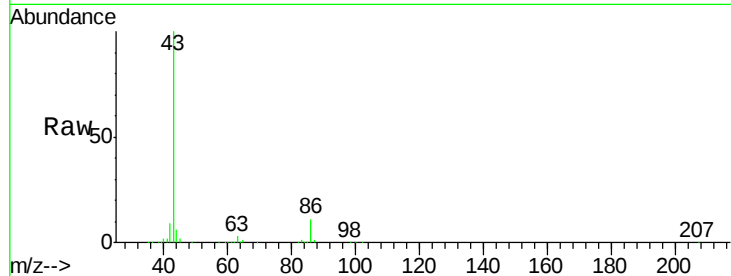
86 11.4 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.781 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

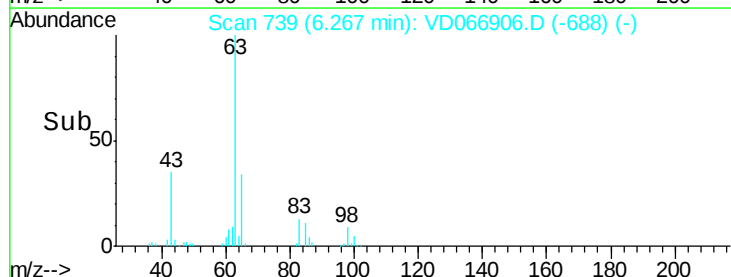
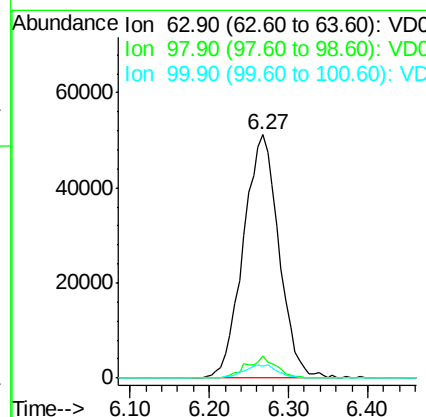
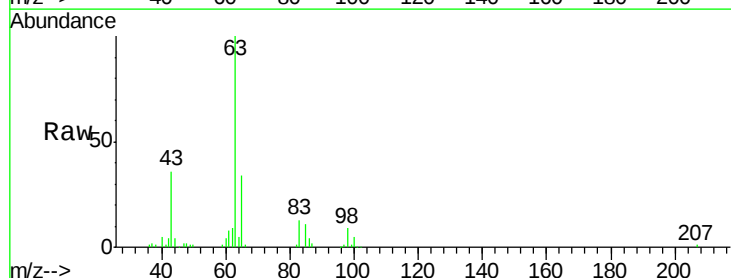
Tgt Ion: 63 Resp: 159470

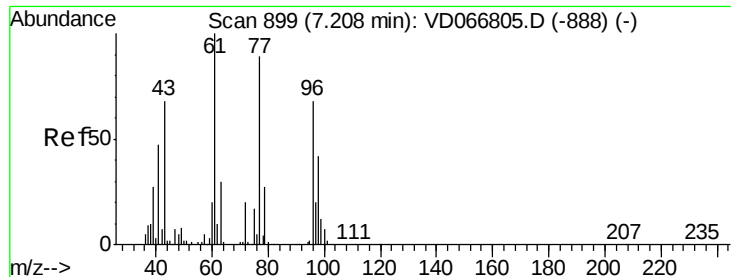
Ion Ratio Lower Upper

63 100

98 8.9 3.7 11.1

100 4.7 1.8 5.5





#25

2-Butanone

Concen: 94.062 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 43 Resp: 100760

Ion Ratio Lower Upper

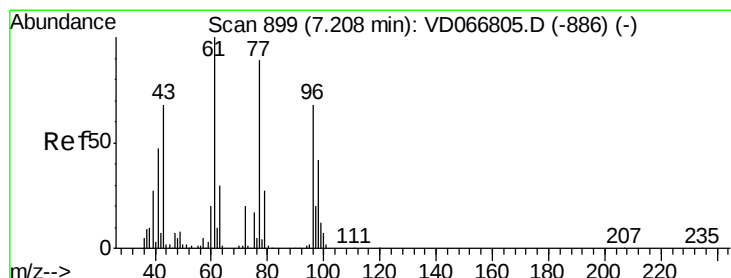
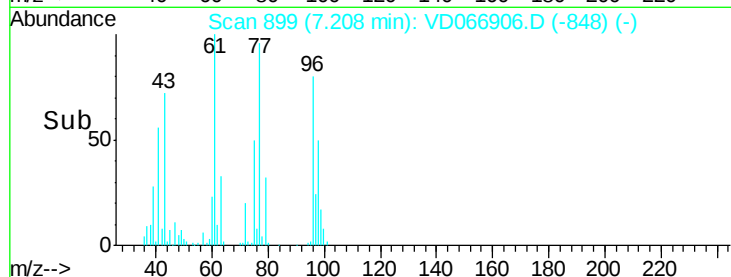
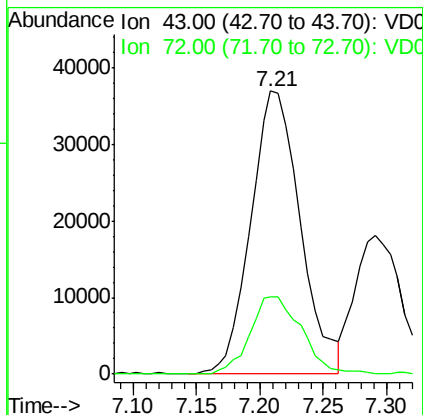
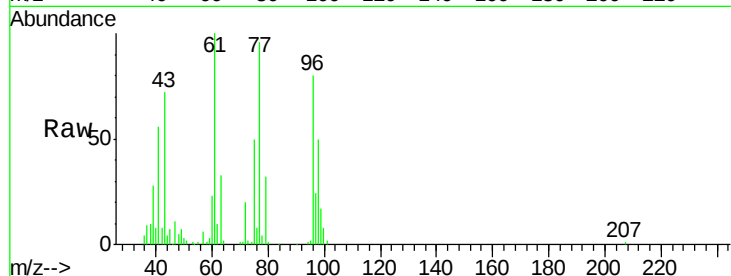
43 100

72 27.5 22.9 34.3

Manual Integrations
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MMDadoda

9/29/2020 11:46:40 AM



#26

2,2-Dichloropropane

Concen: 18.861 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066906.D

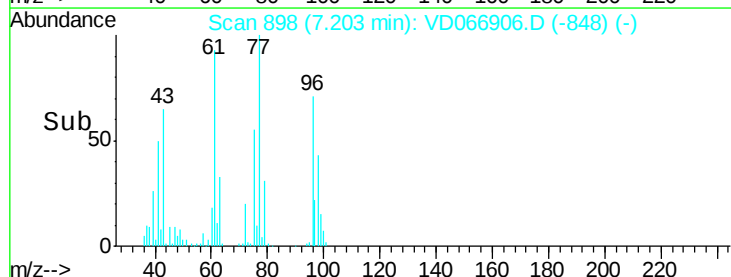
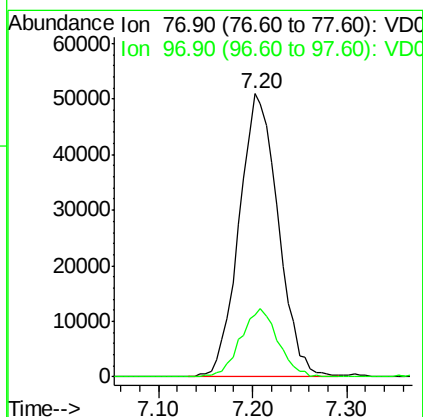
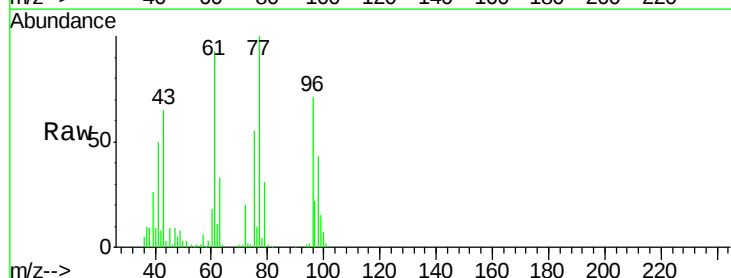
Acq: 28 Sep 2020 11:57

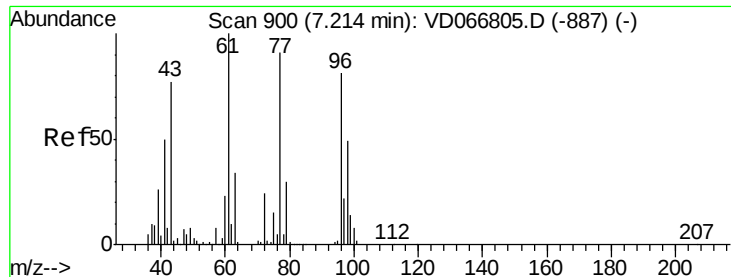
Tgt Ion: 77 Resp: 146790

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.1





#27

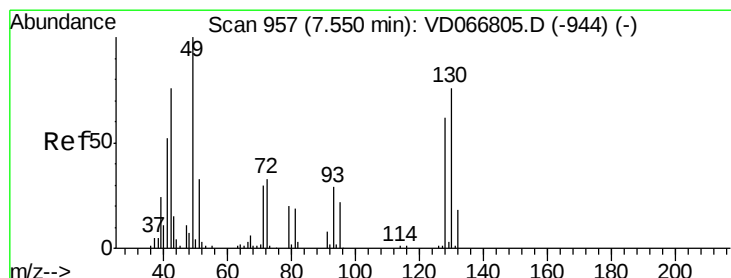
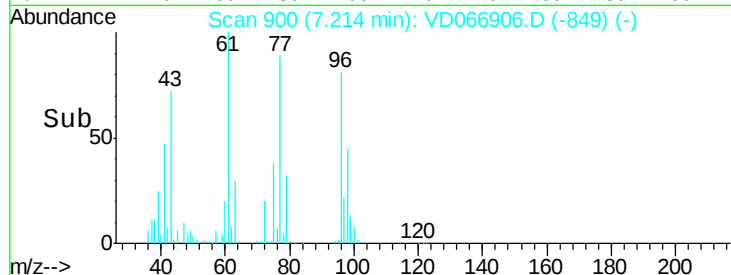
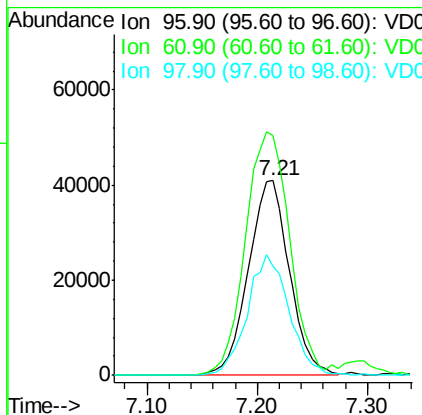
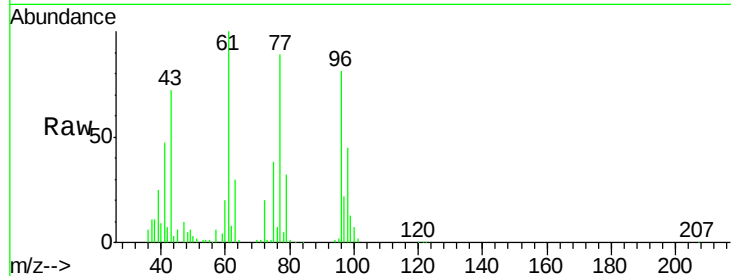
cis-1,2-Dichloroethene
Concen: 20.168 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	134.6	0.0	283.8	
98	62.8	0.0	128.4	

Manual Integrations
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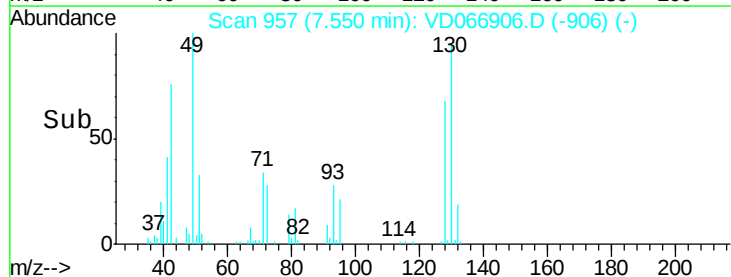
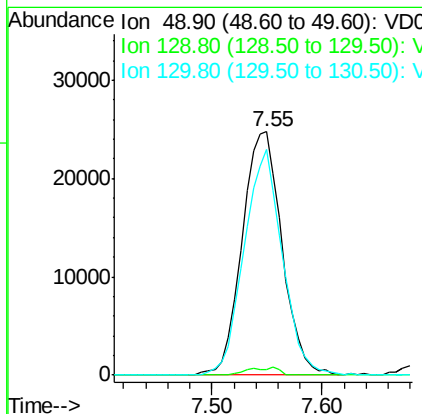
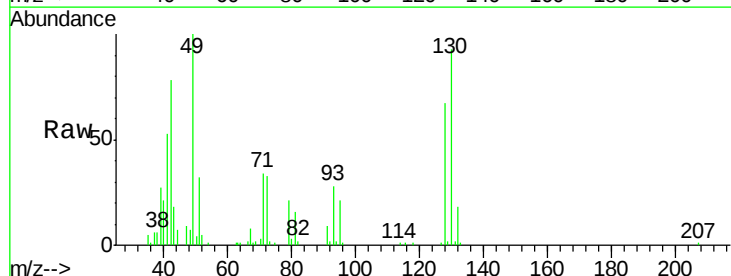
MMDadoda
9/29/2020 11:46:40 AM

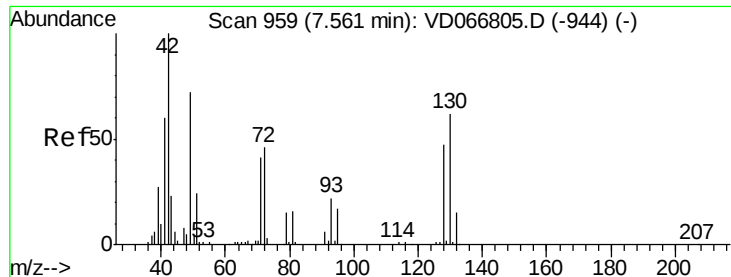


#28

Bromochloromethane
Concen: 17.877 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	2.0#	
130	89.1	65.9	98.9	





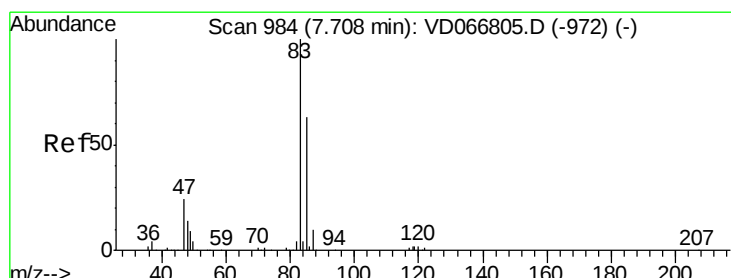
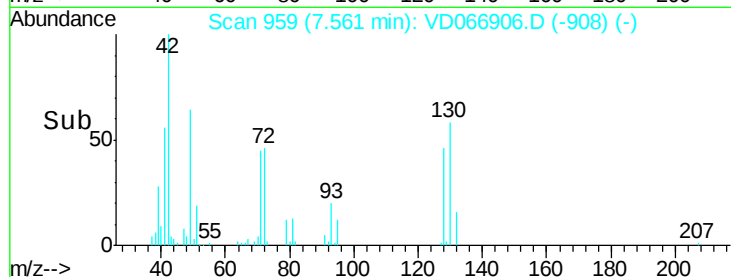
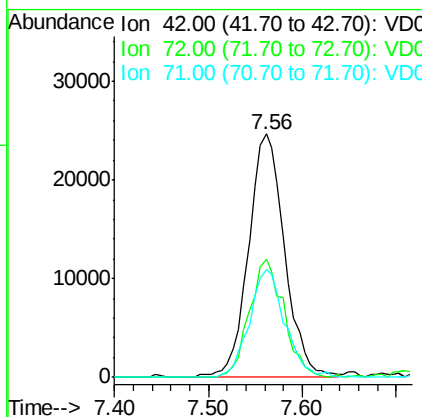
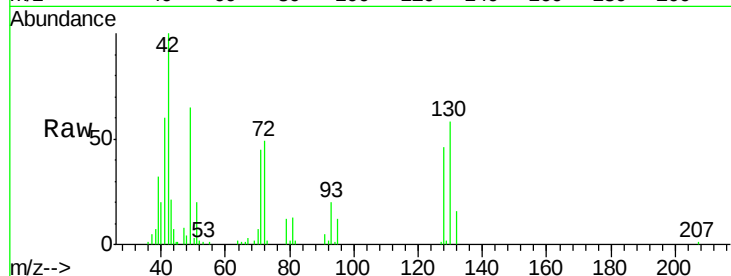
#29
Tetrahydrofuran
Concen: 95.530 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.2	54.4
71	43.9	32.4	48.6

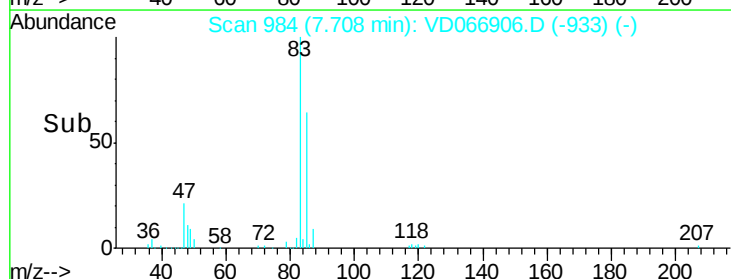
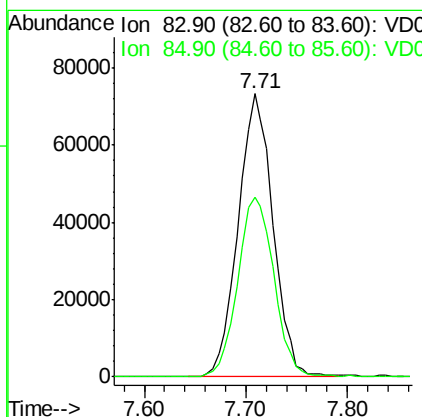
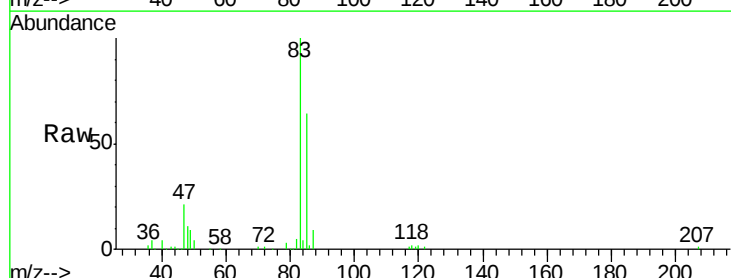
Manual Integrations
APPROVED

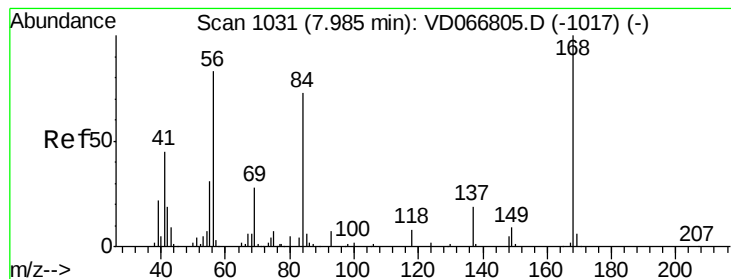
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#30
Chloroform
Concen: 19.060 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8





#31

Cyclohexane

Concen: 18.577 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

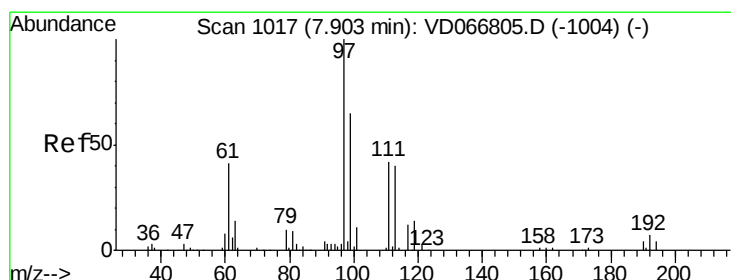
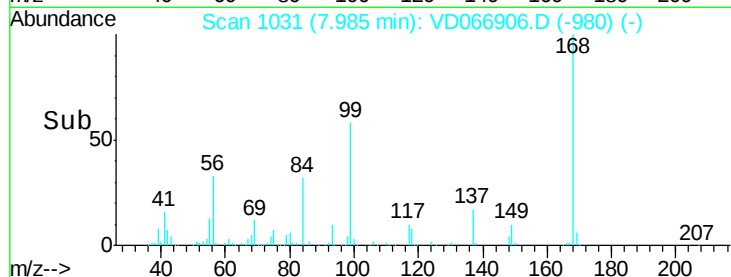
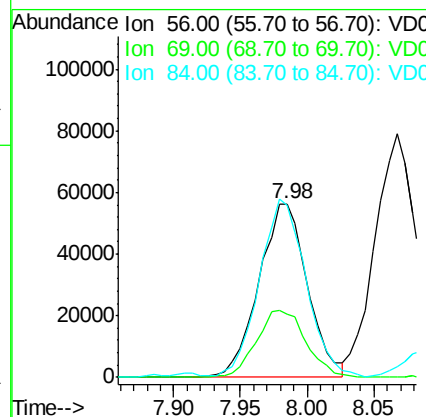
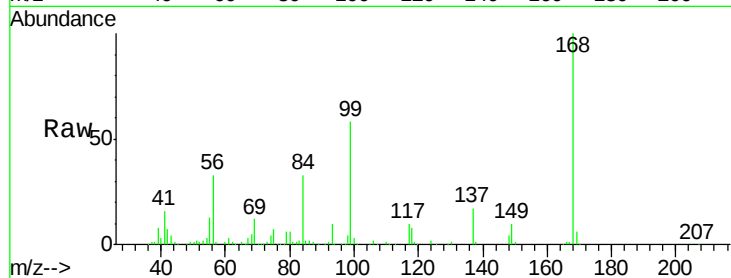
ClientSampleId :

VD0928SBS01

Tot Ion:	56	Resp:	141933
Ion	Ratio	Lower	Upper
56	100		
69	36.5	27.0	40.4
84	96.8	70.2	105.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.536 ug/l

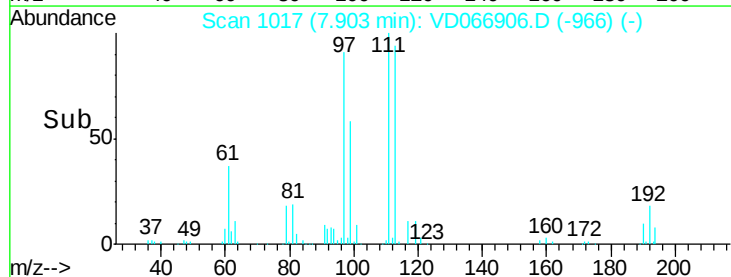
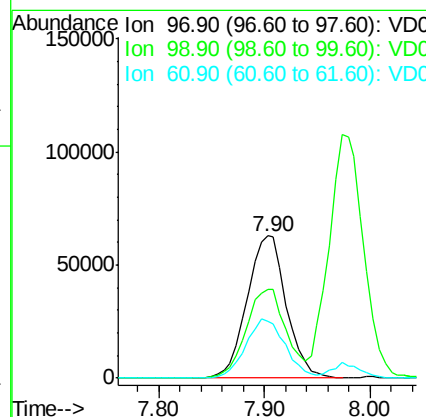
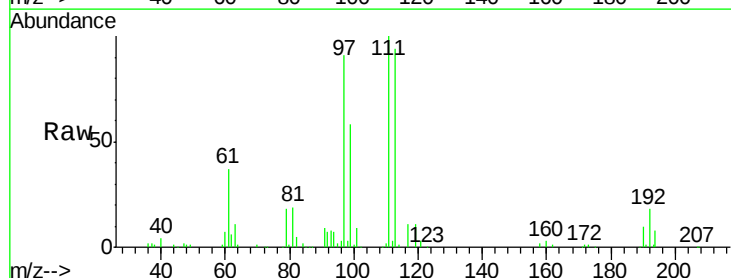
RT: 7.90 min Scan# 1017

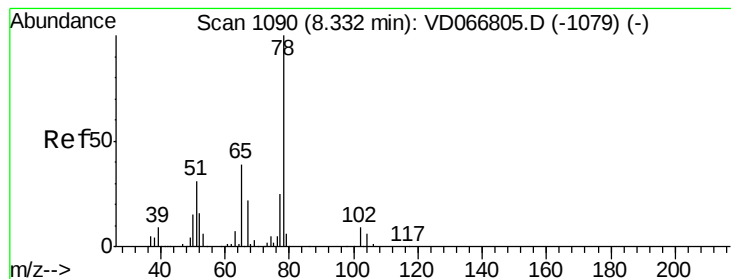
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	97	Resp:	161761
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	42.0	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 45.450 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 65 Resp: 190980

Ion Ratio Lower Upper

65 100

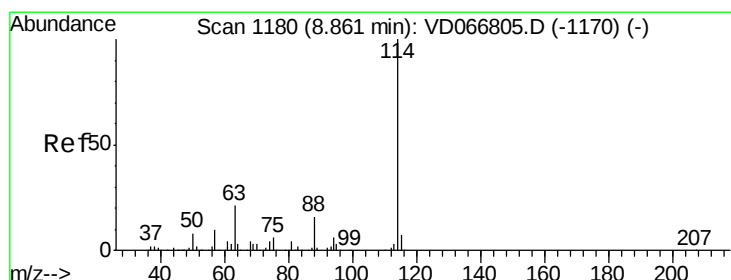
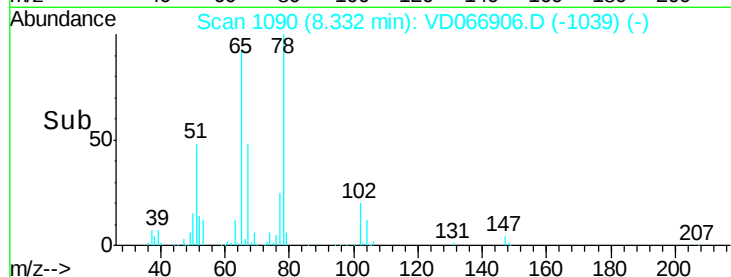
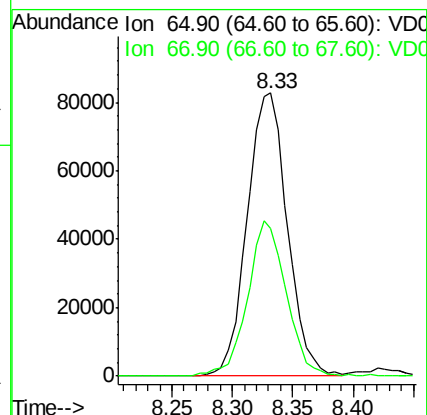
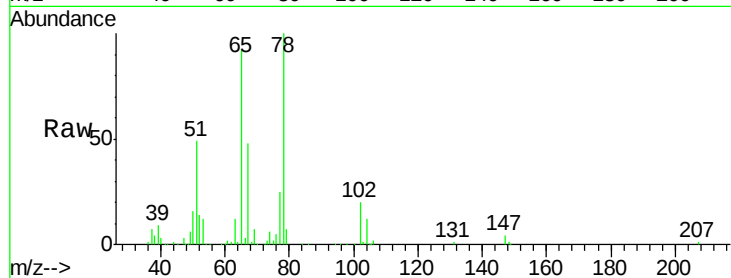
67 53.0 0.0 107.2

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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: VD066906.D

Acq: 28 Sep 2020 11:57

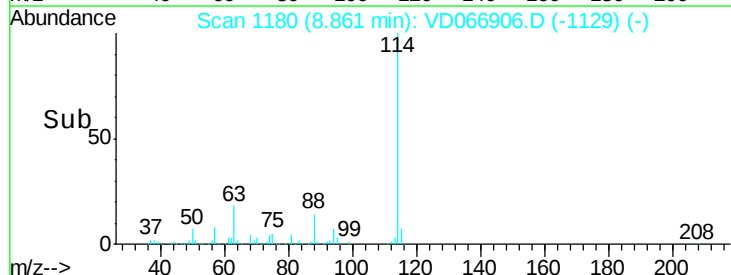
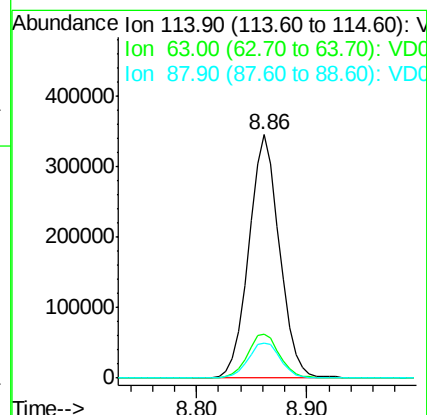
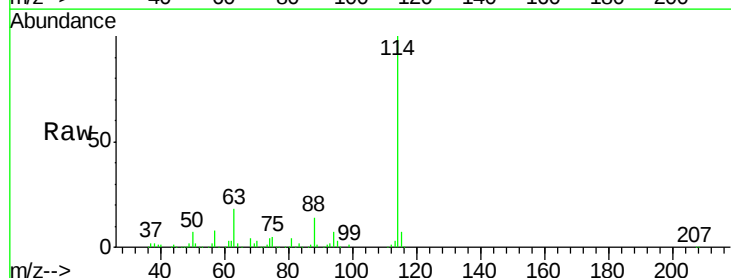
Tgt Ion: 114 Resp: 674794

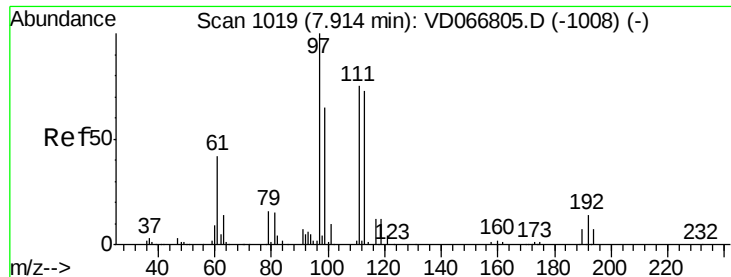
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

88 14.3 0.0 32.6





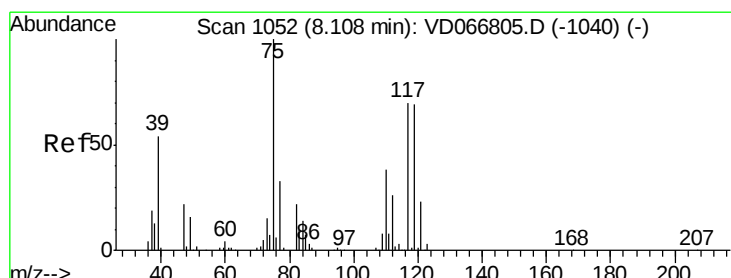
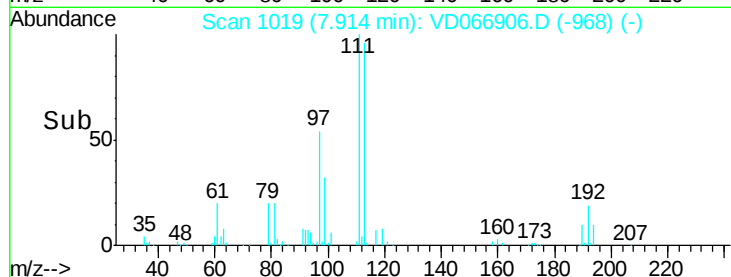
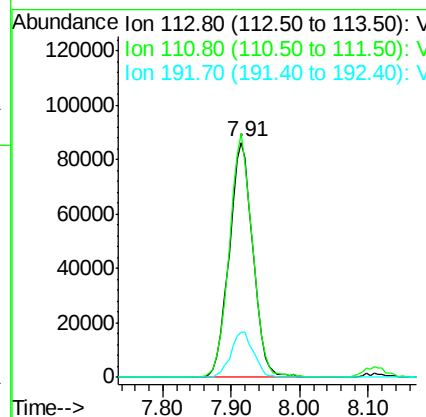
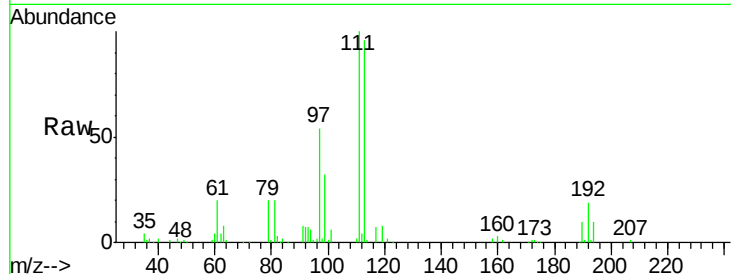
#35
 Dibromofluoromethane
 Concen: 48.168 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	206788		
111	101.4	81.8	122.8	
192	18.6	14.4	21.6	

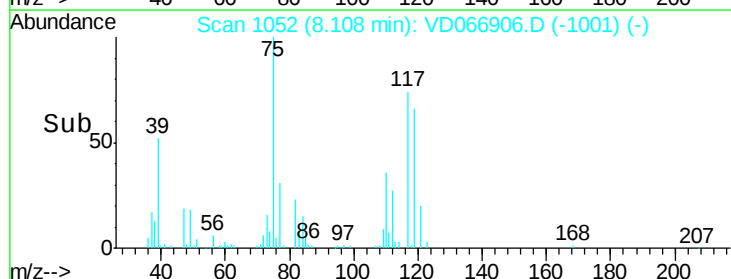
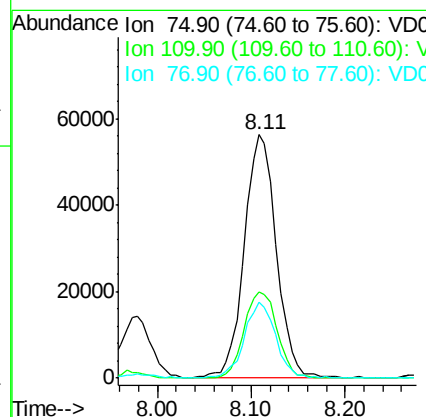
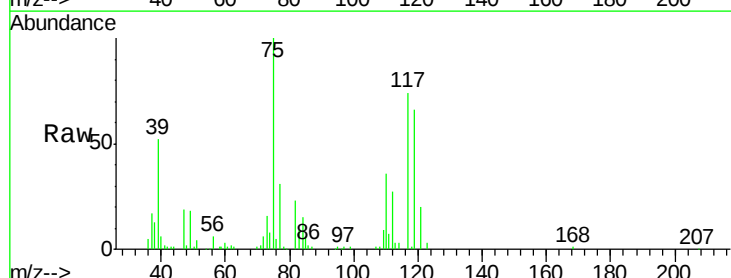
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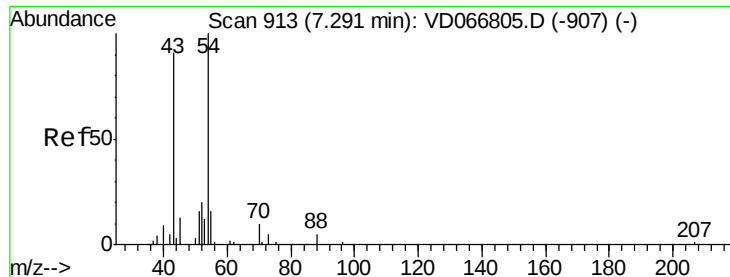
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#36
 1,1-Dichloropropene
 Concen: 19.874 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	133047		
110	36.4	17.9	53.8	
77	30.6	25.0	37.6	





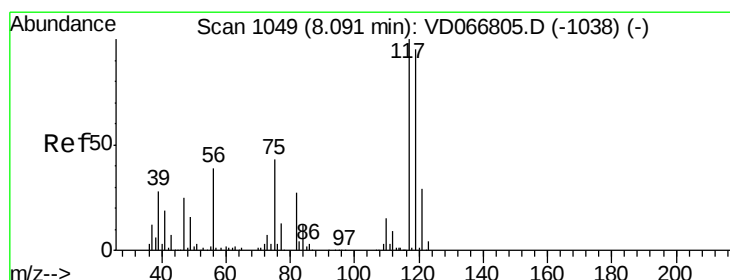
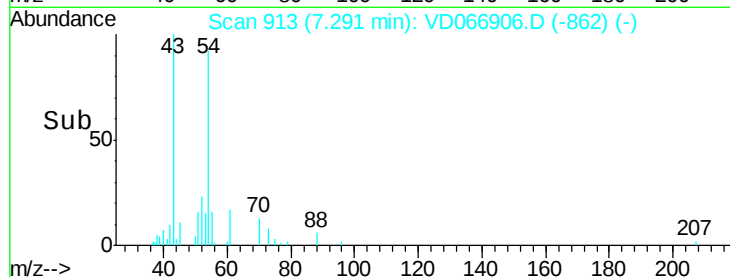
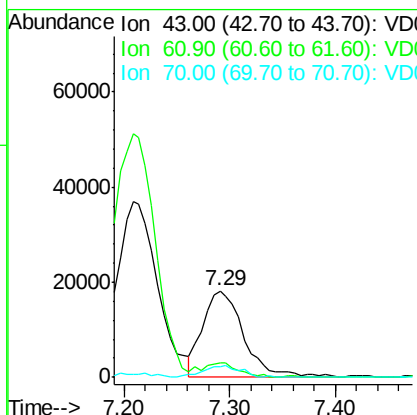
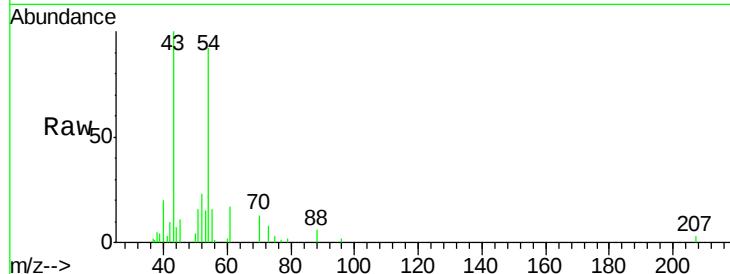
#37
Ethyl Acetate
Concen: 19.863 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	9.8	14.8#
70	12.7	8.5	12.7#

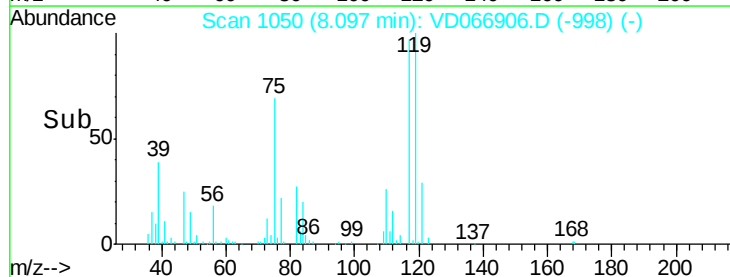
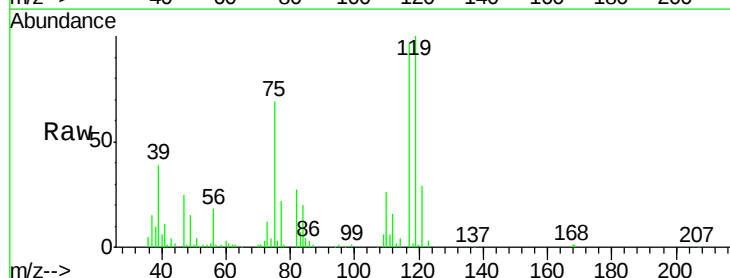
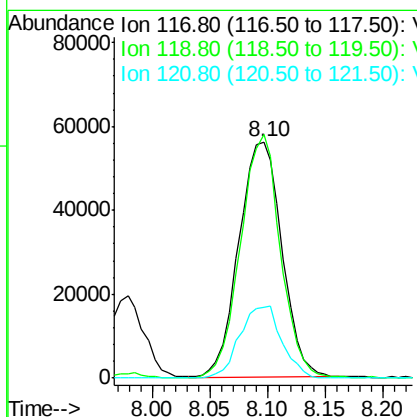
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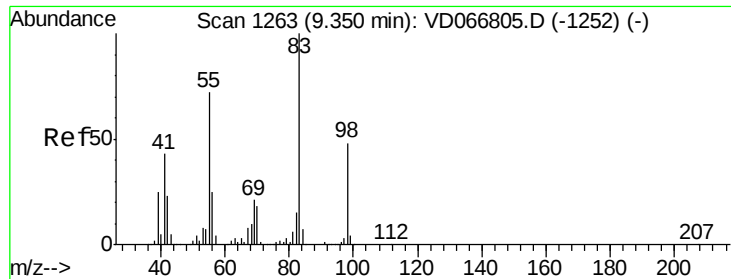
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#38
Carbon Tetrachloride
Concen: 19.856 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.9	75.8	113.8
121	30.0	23.4	35.0





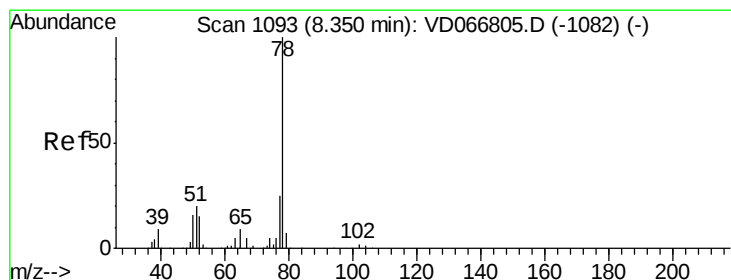
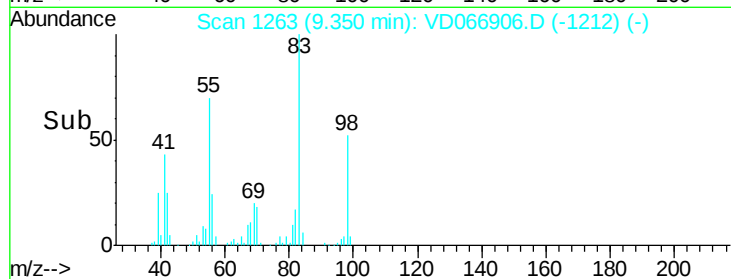
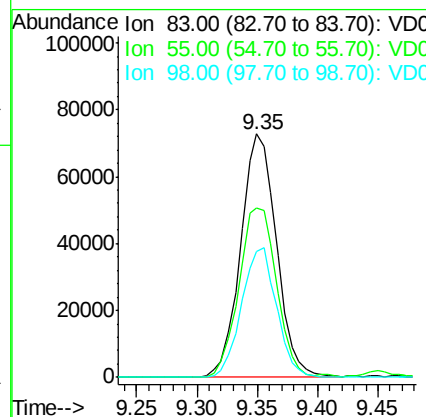
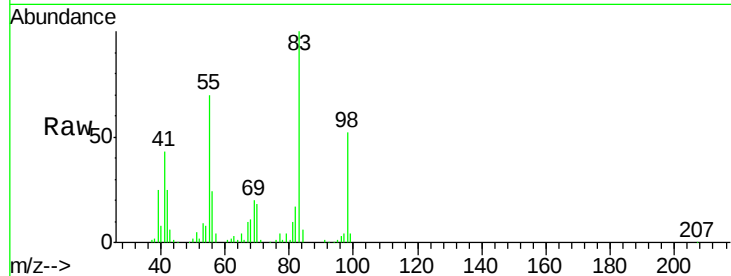
#39
Methvlcvclohexane
Concen: 19.658 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	57.7	86.5
98	51.9	38.4	57.6

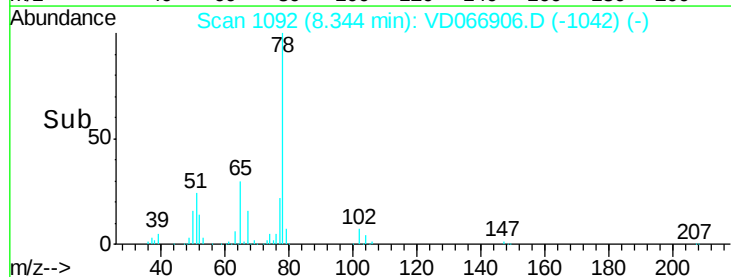
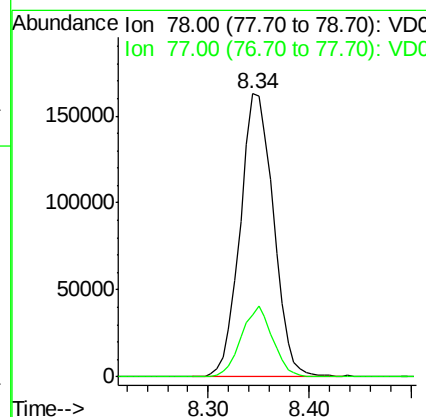
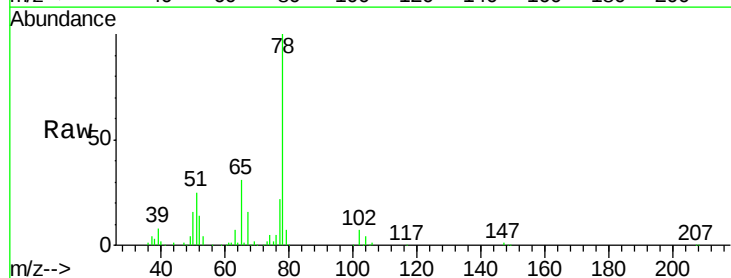
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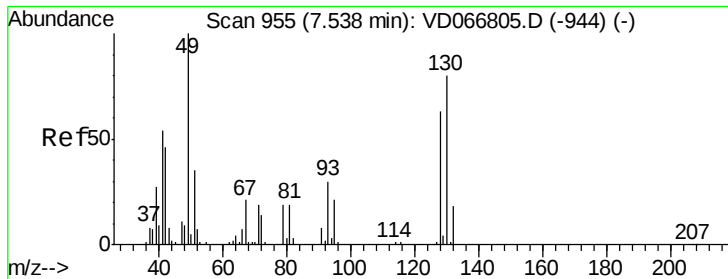
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#40
Benzene
Concen: 19.998 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.9	29.9





#41

Methacrylonitrile

Concen: 18.468 ug/l m

RT: 7.51 min Scan# 951

Delta R.T. -0.02 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 41 Resp: 27486

Ion Ratio Lower Upper

41 100

39 39.4 0.0 0.0#

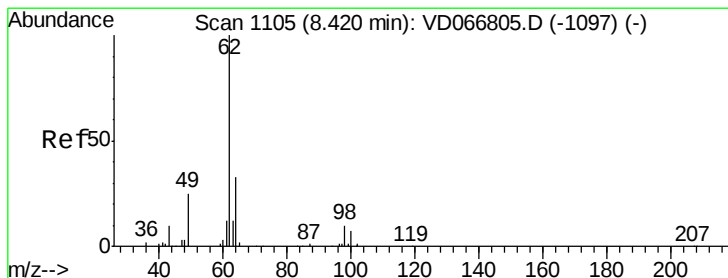
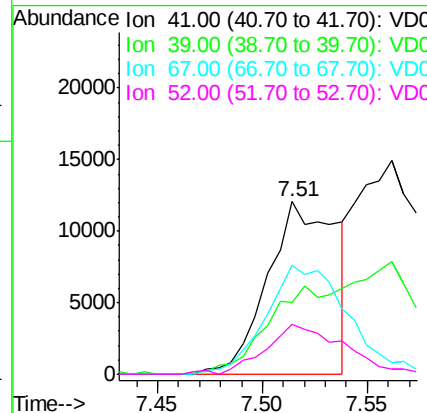
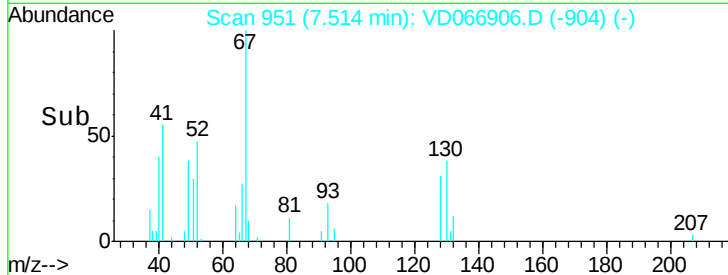
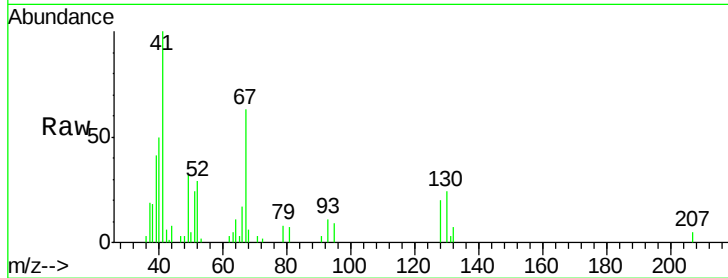
67 75.3 0.0 0.0#

52 33.2 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.032 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066906.D

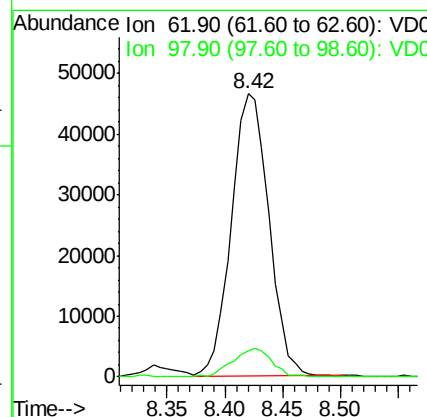
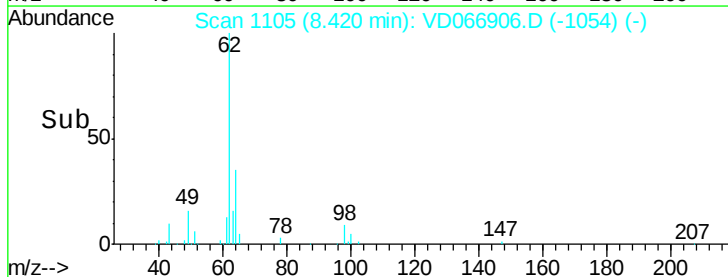
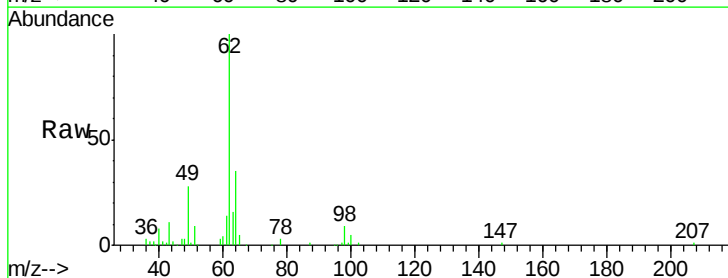
Acq: 28 Sep 2020 11:57

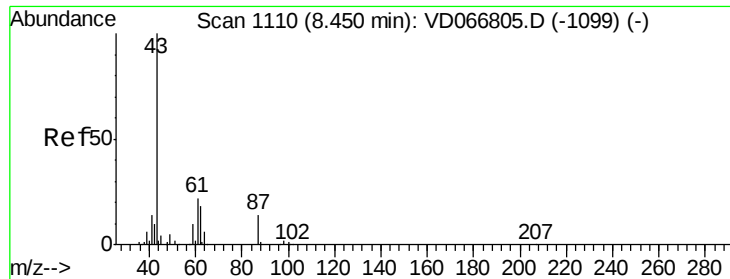
Tgt Ion: 62 Resp: 104972

Ion Ratio Lower Upper

62 100

98 10.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.949 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

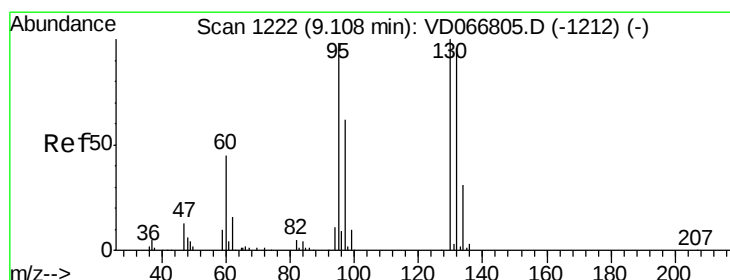
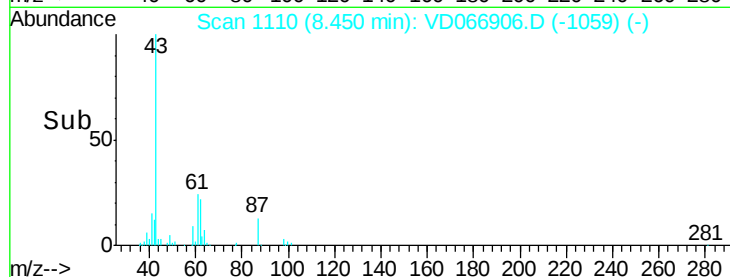
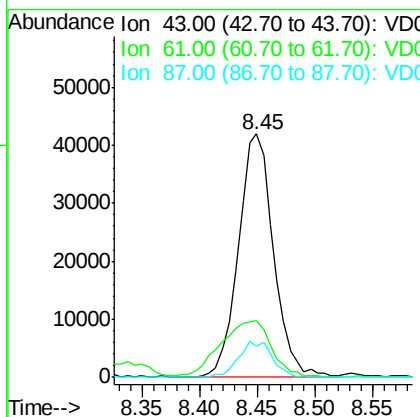
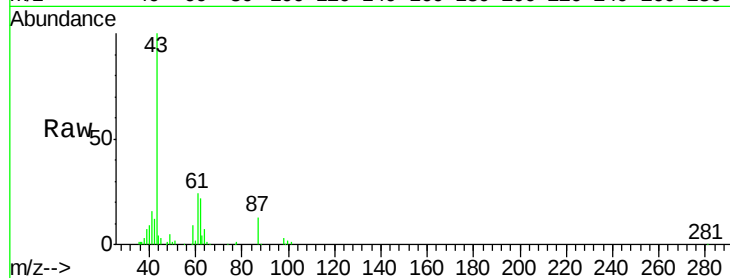
ClientSampleId :

VD0928SBS01

Tot Ion:	43	Resp:	88413
Ion	Ratio	Lower	Upper
43	100		
61	34.1	26.2	39.4
87	14.2	11.5	17.3

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#44

Trichloroethene

Concen: 20.365 ug/l

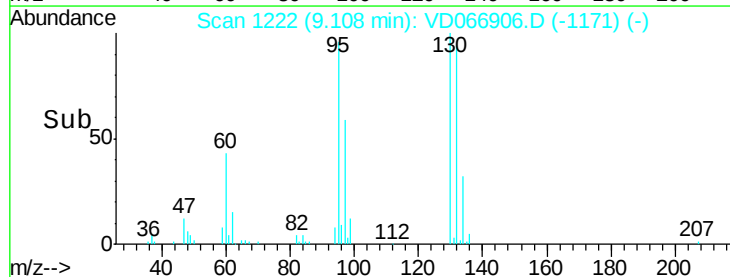
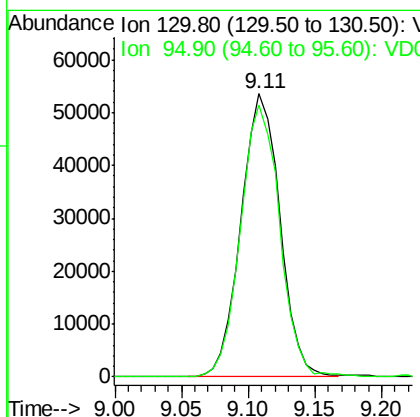
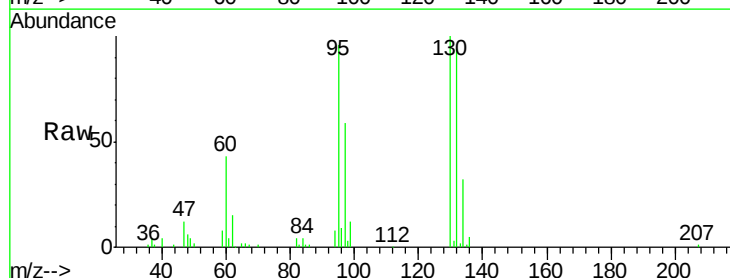
RT: 9.11 min Scan# 1222

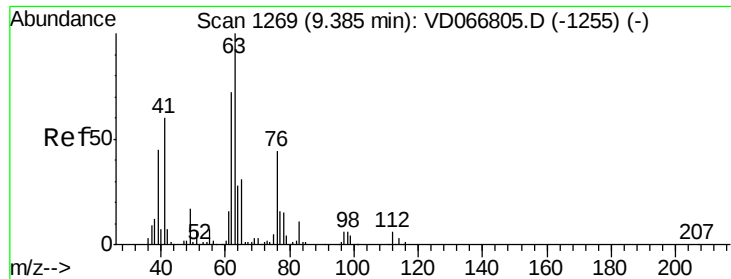
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	130	Resp:	108299
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	197.0





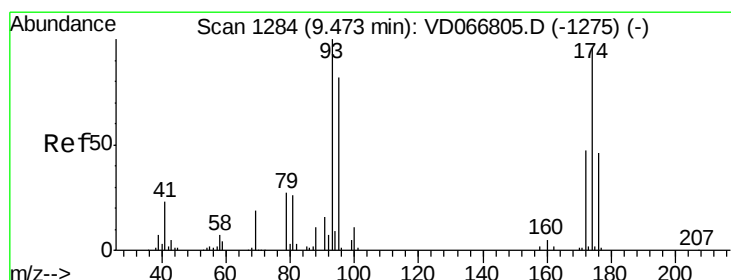
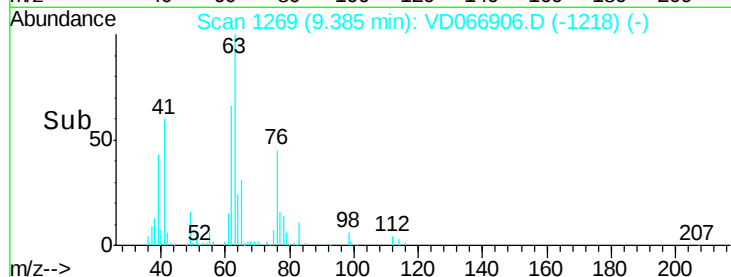
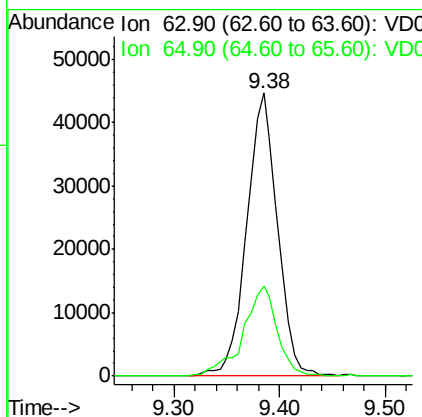
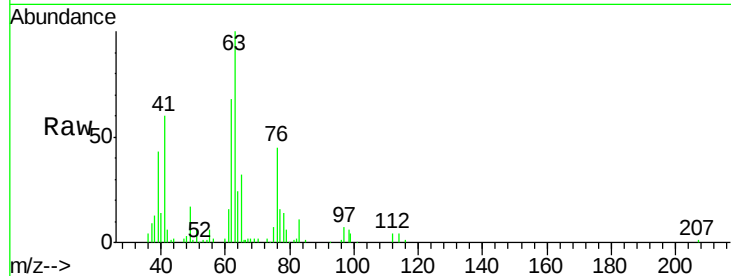
#45
 1,2-Dichloropropane
 Concen: 19.305 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tot Ion: 63 Resp: 90622
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1

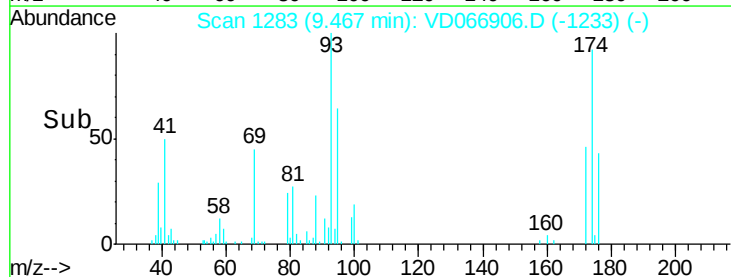
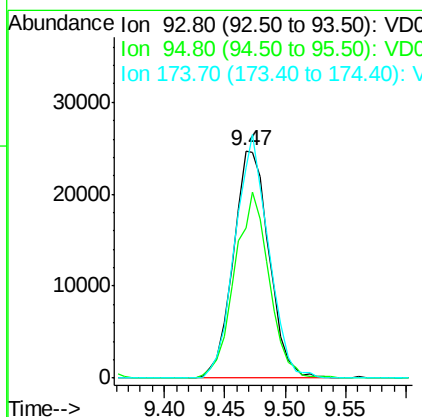
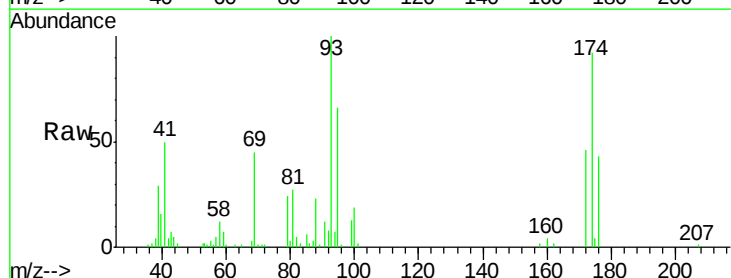
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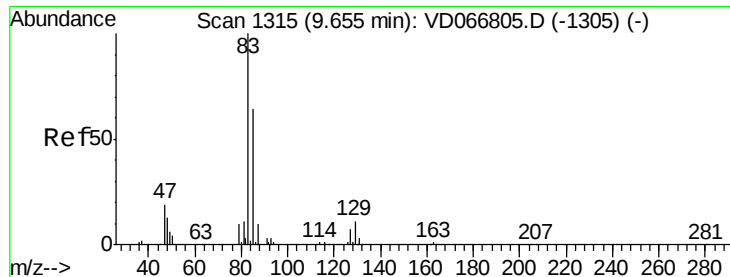
MMDadoda
 9/29/2020 11:46:40 AM



#46
 Dibromomethane
 Concen: 20.020 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion: 93 Resp: 51060
 Ion Ratio Lower Upper
 93 100
 95 79.3 65.3 97.9
 174 100.5 75.4 113.2





#47

Bromodichloromethane

Concen: 19.510 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

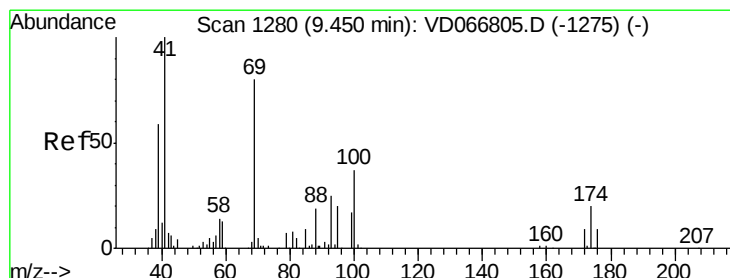
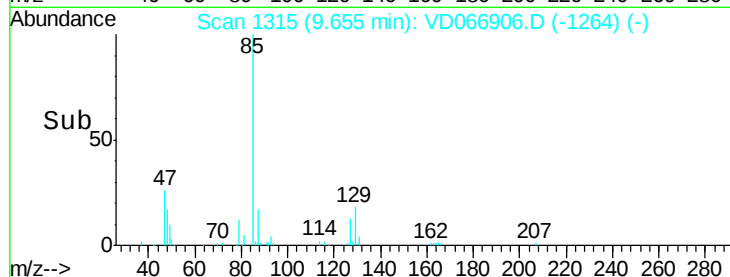
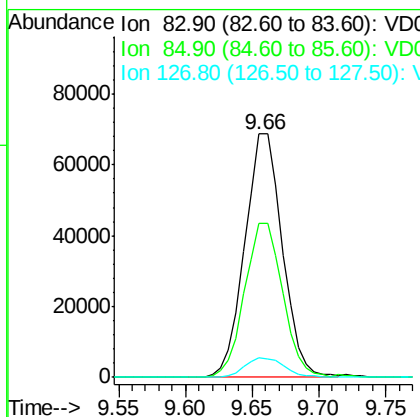
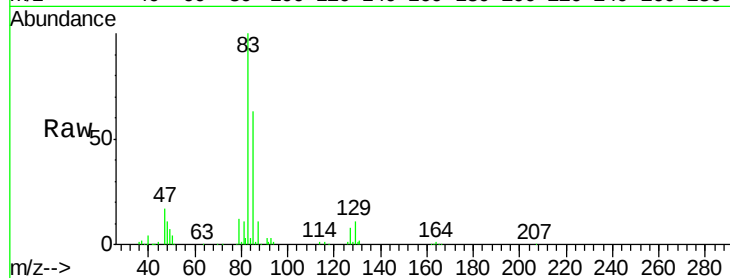
ClientSampleId :

VD0928SBS01

Tot Ion:	83	Resp:	133673
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3
127	8.0	5.9	8.9

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MMDadoda
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#48

Methyl methacrylate

Concen: 18.360 ug/l

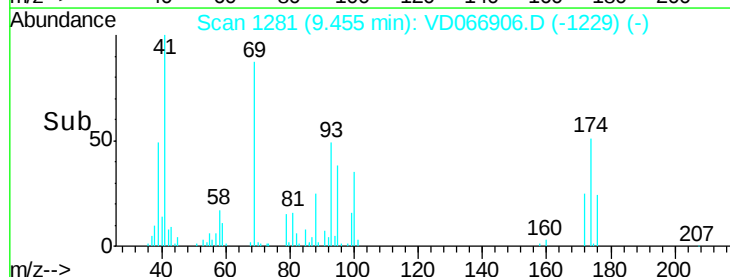
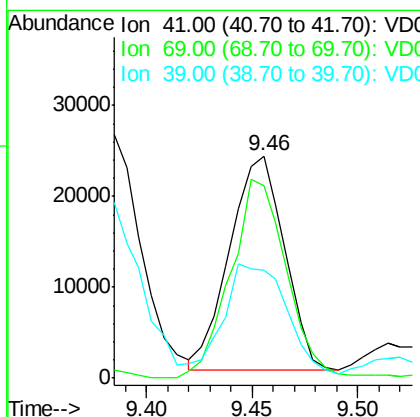
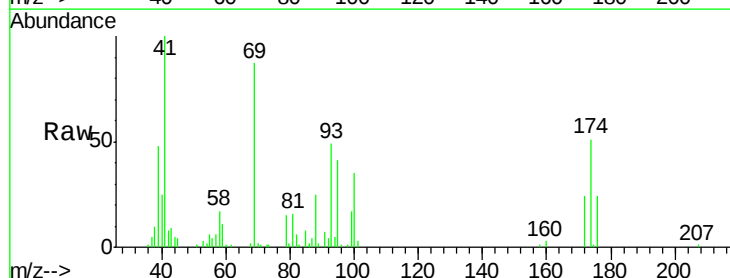
RT: 9.46 min Scan# 1281

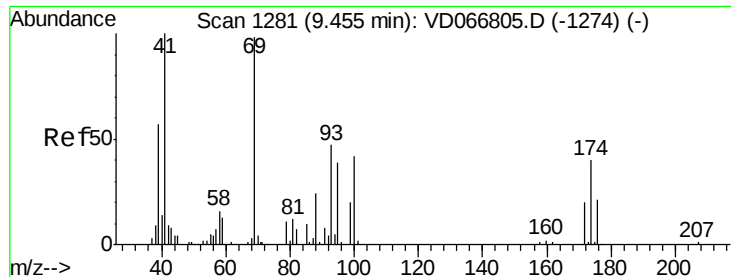
Delta R.T. 0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	41	Resp:	42237
Ion	Ratio	Lower	Upper
41	100		
69	96.5	74.5	111.7
39	57.5	47.0	70.6





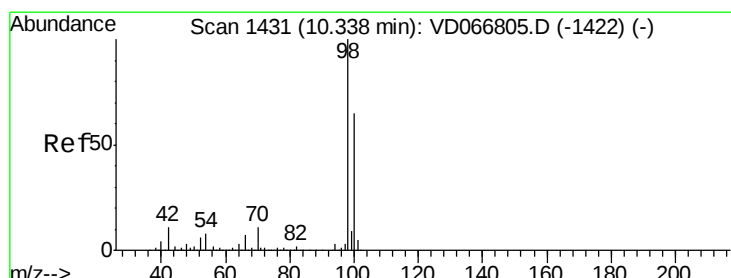
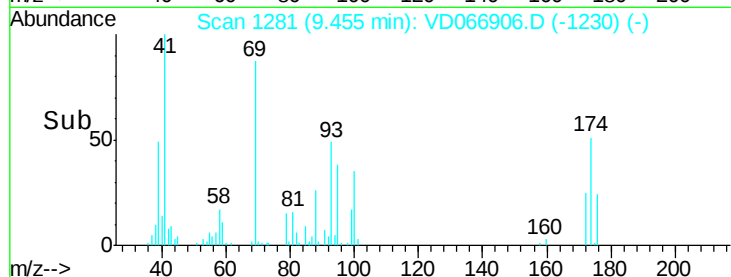
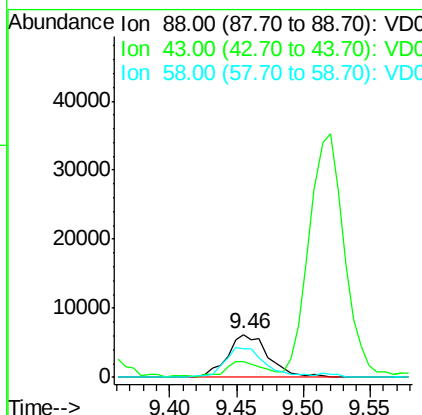
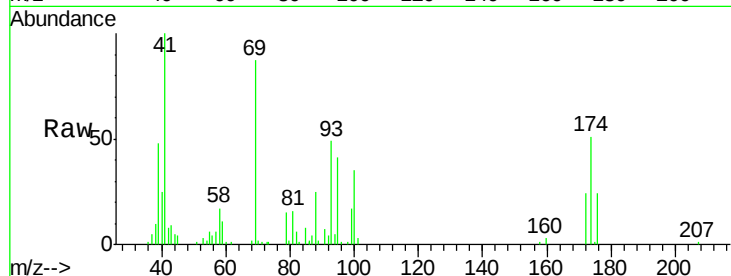
#49
1,4-Dioxane
Concen: 395.628 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	88	Resp	13257
Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.7	41.5
58	67.3	55.5	83.3

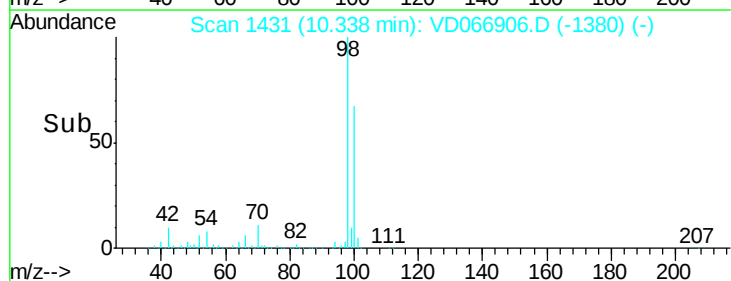
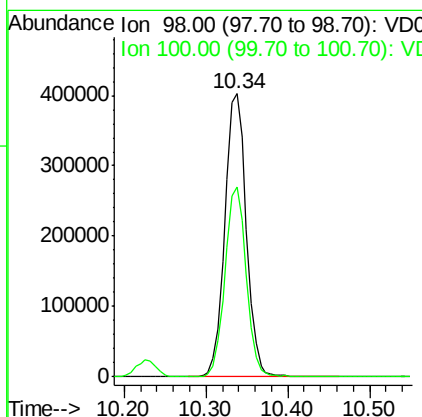
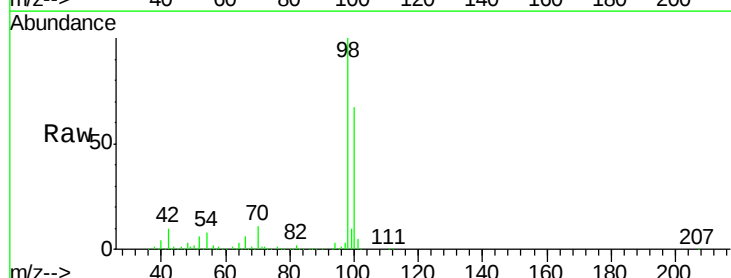
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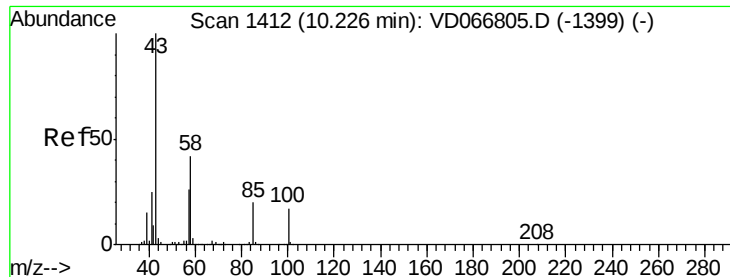
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#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	98	Resp	737161
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2





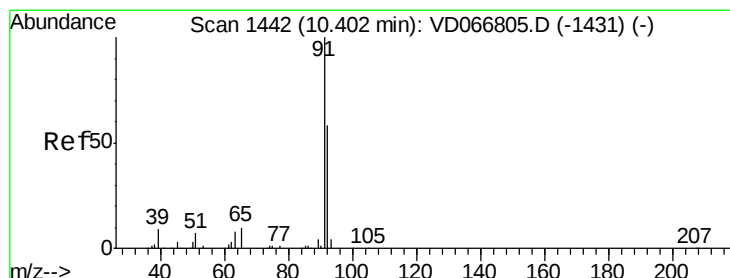
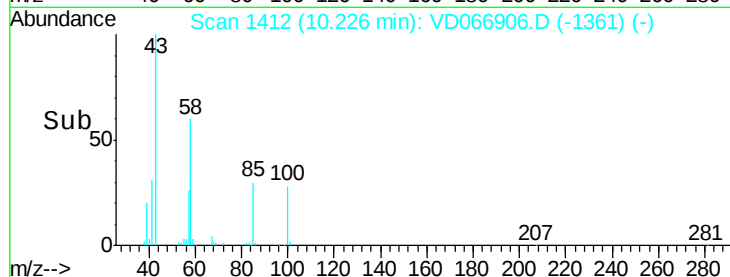
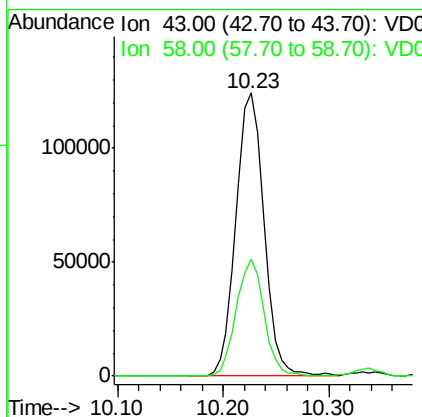
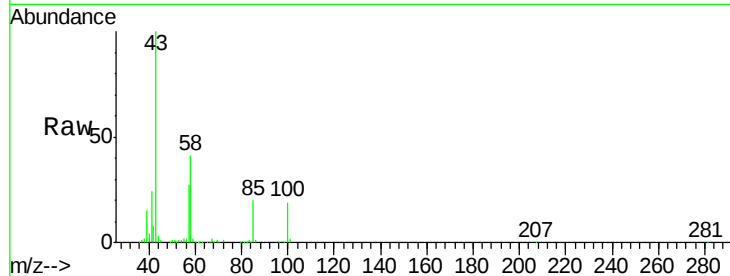
#51
4-Methyl-2-Pentanone
Concen: 97.272 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion: 43 Resp: 229972
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.4

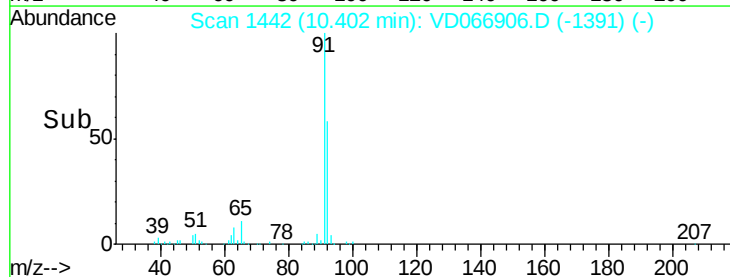
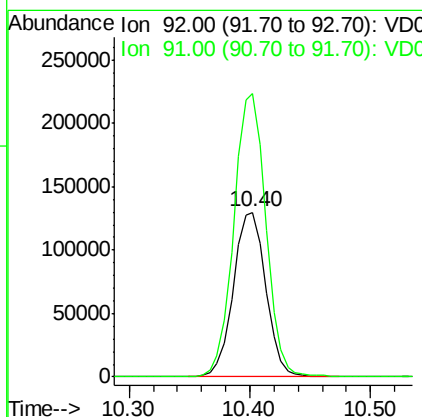
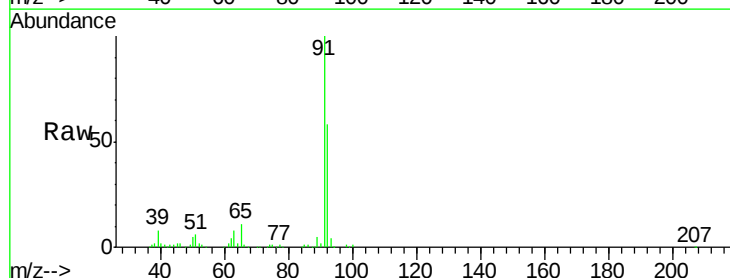
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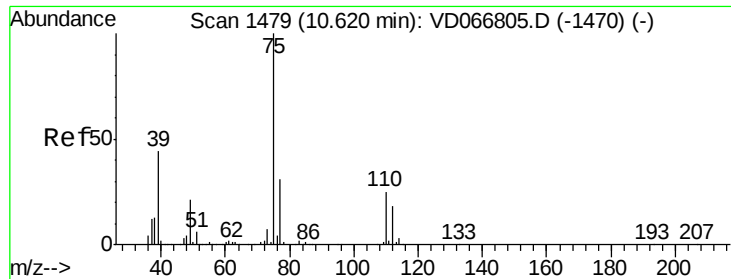
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#52
Toluene
Concen: 20.282 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 92 Resp: 243753
Ion Ratio Lower Upper
92 100
91 169.7 134.6 202.0





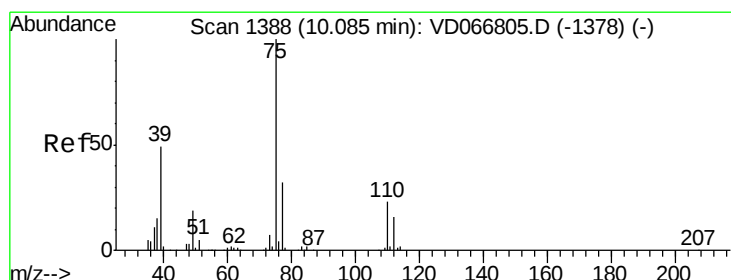
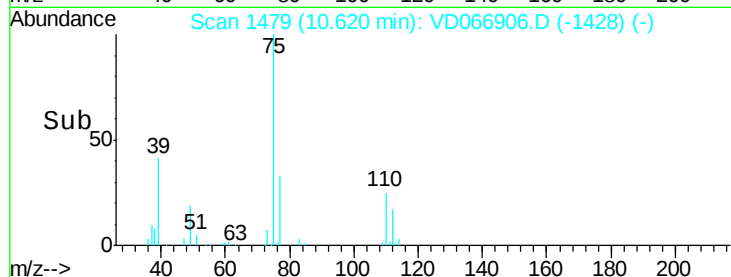
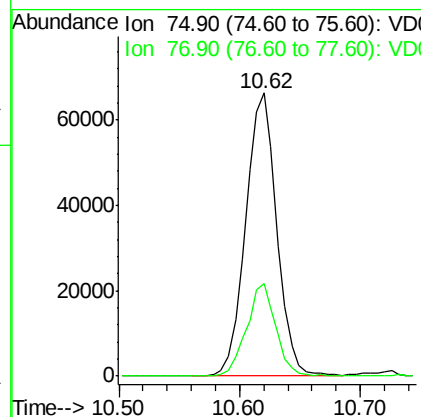
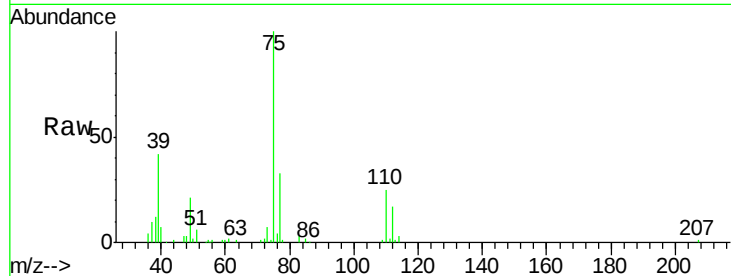
#53
 t-1,3-Dichloropropene
 Concen: 20.441 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.5	36.7

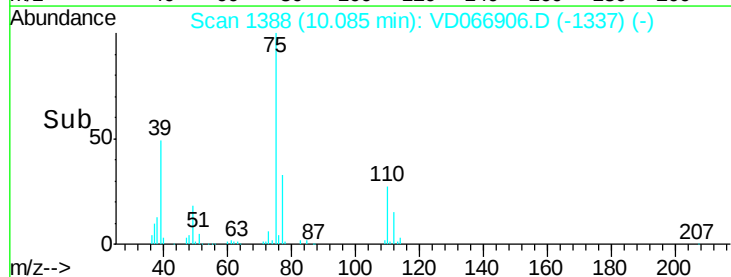
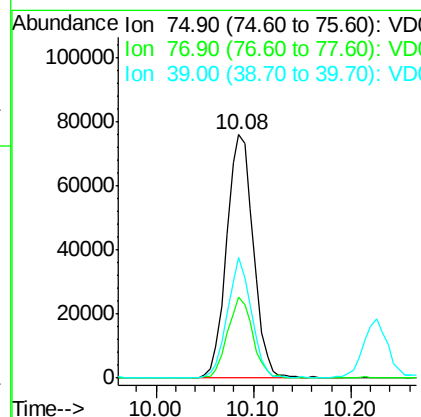
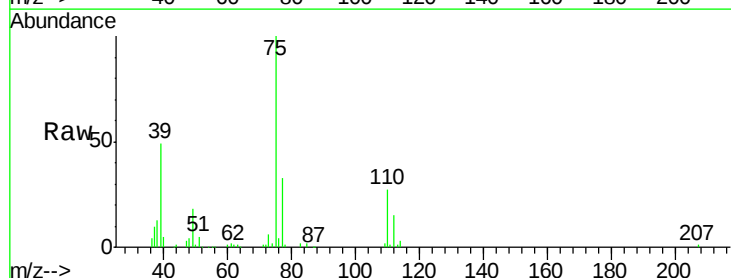
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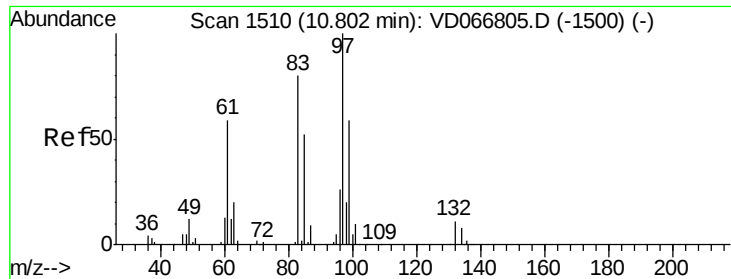
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 20.289 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.6	38.4
39	49.2	39.2	58.8





#55

1,1,2-Trichloroethane

Concen: 20.001 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 97 Resp: 70129

Ion Ratio Lower Upper

97 100

83 79.2 64.2 96.2

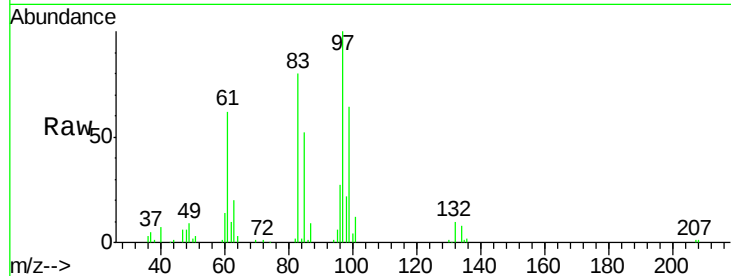
85 52.4 41.9 62.9

99 63.9 47.5 71.3

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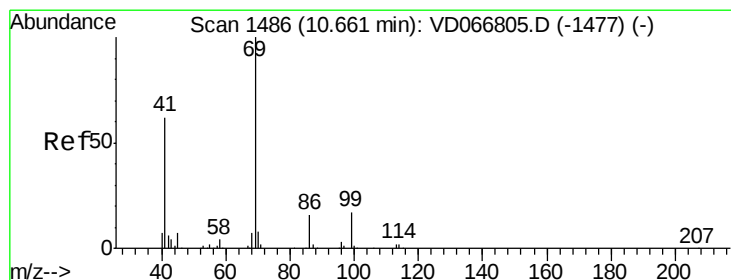
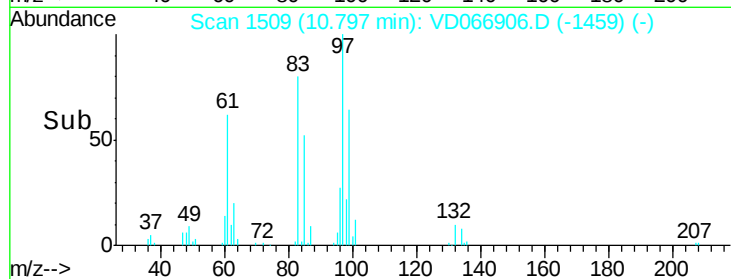
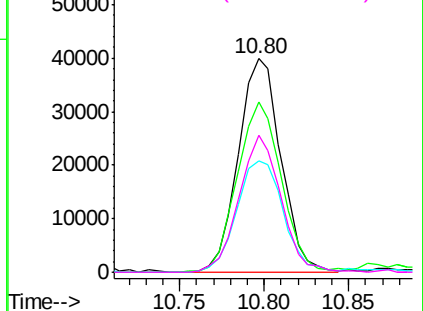


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.431 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

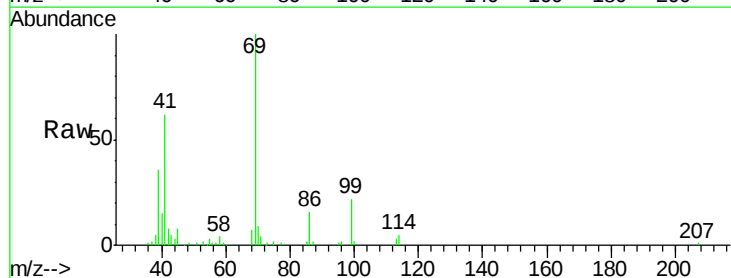
Tgt Ion: 69 Resp: 76743

Ion Ratio Lower Upper

69 100

41 62.4 52.2 78.2

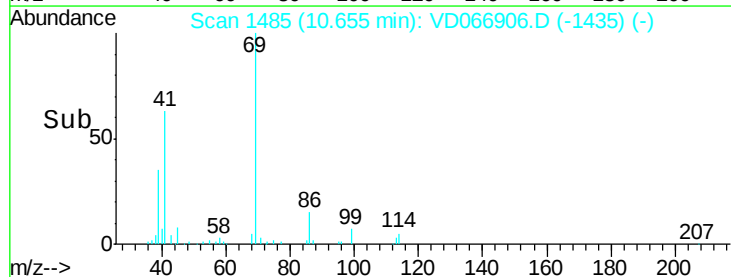
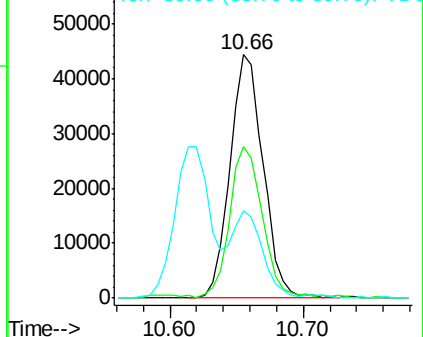
39 33.5 26.6 40.0

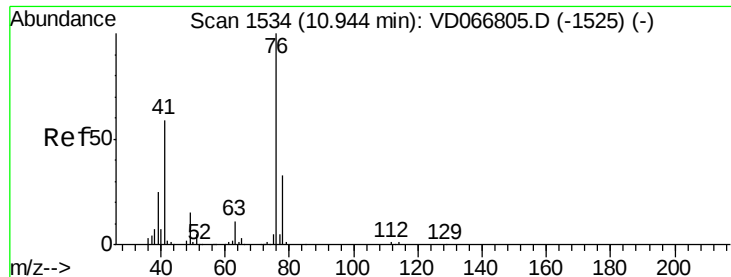


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 19.979 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 76 Resp: 115669

Ion Ratio Lower Upper

76 100

78 32.5

26.3

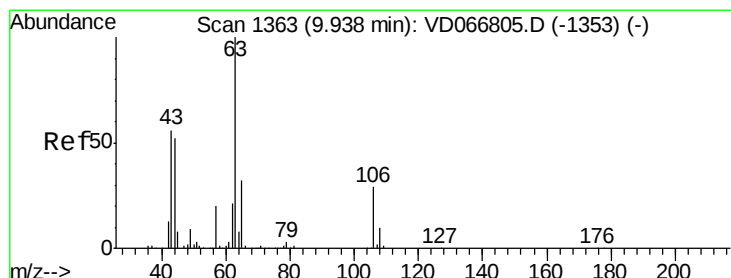
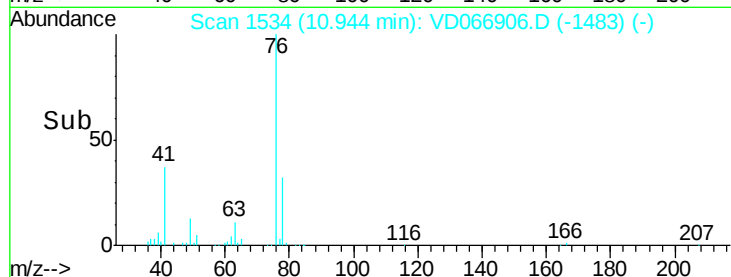
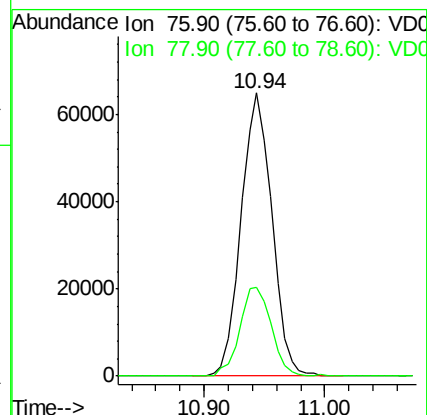
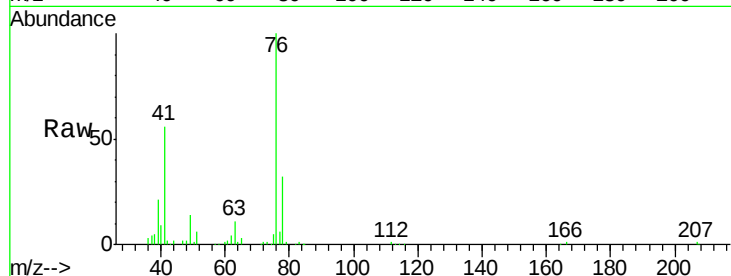
39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 116.372 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion: 63 Resp: 206967

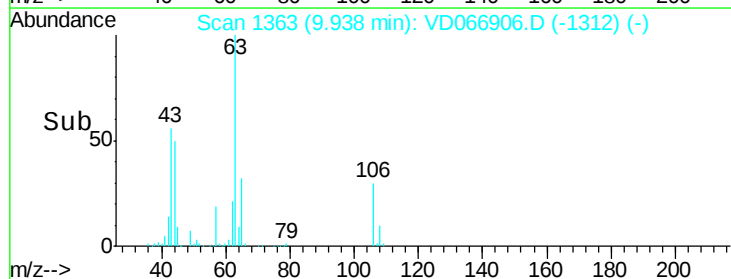
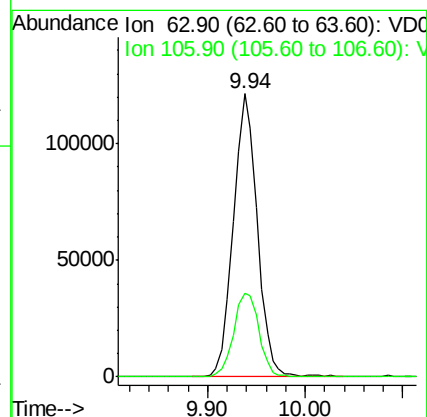
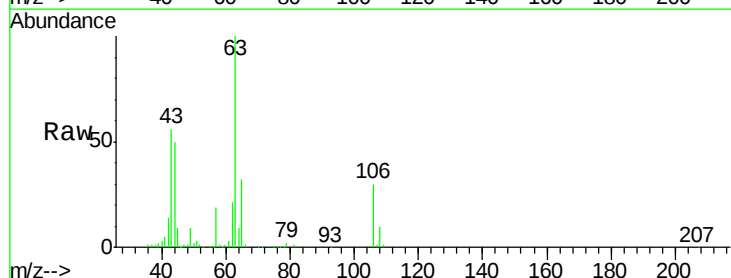
Ion Ratio Lower Upper

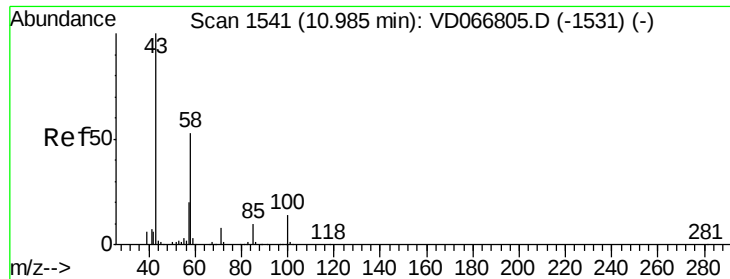
63 100

106 31.4

23.8

35.6





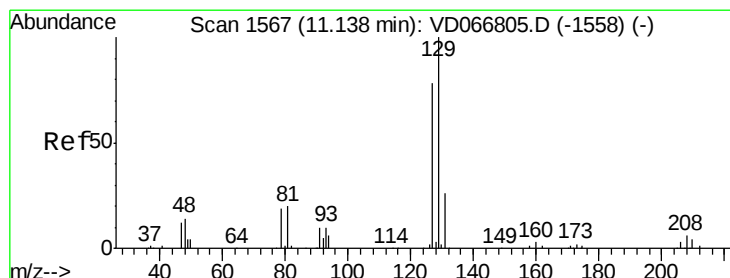
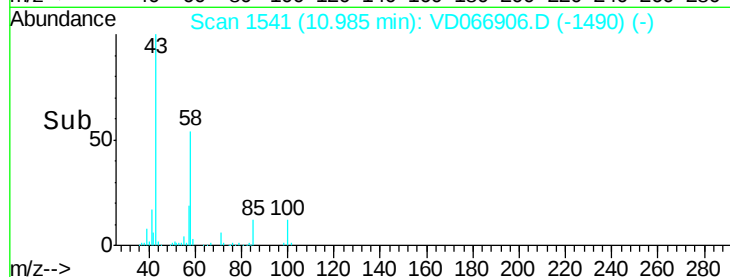
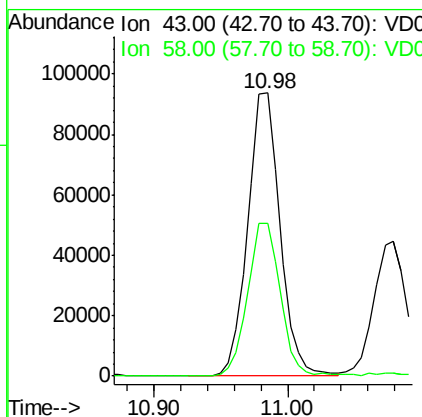
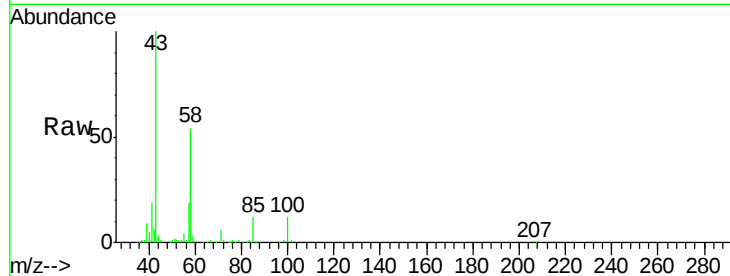
#59
2-Hexanone
Concen: 98.404 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion: 43 Resp: 156892
Ion Ratio Lower Upper
43 100
58 54.6 27.0 80.8

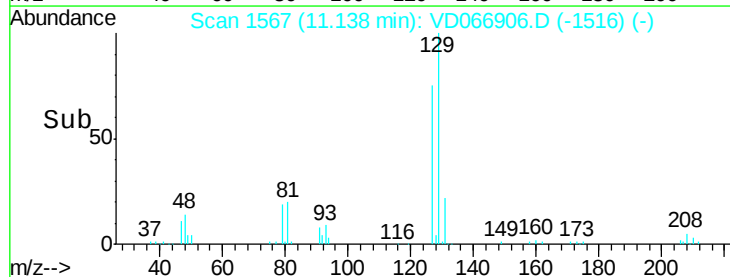
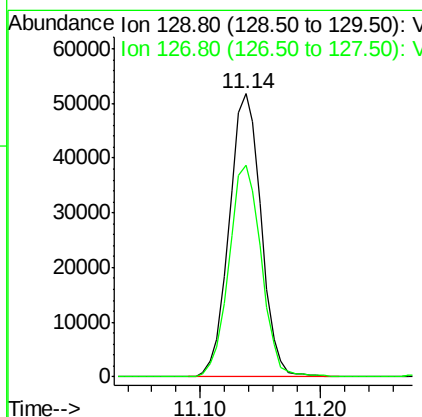
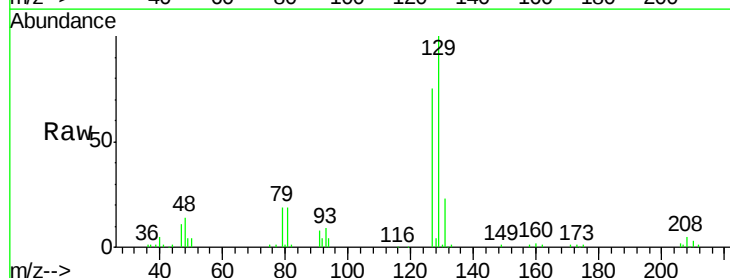
Manual Integrations
APPROVED

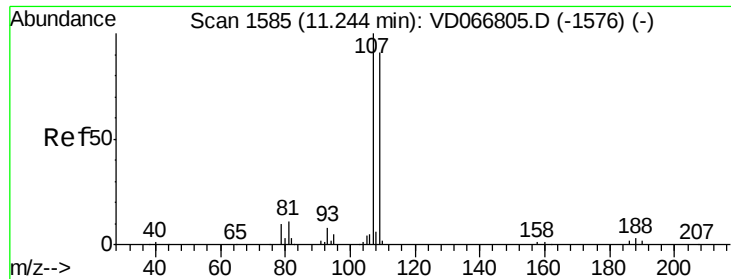
MMDadoda
9/29/2020 11:46:40 AM



#60
Dibromochloromethane
Concen: 20.829 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 129 Resp: 95315
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





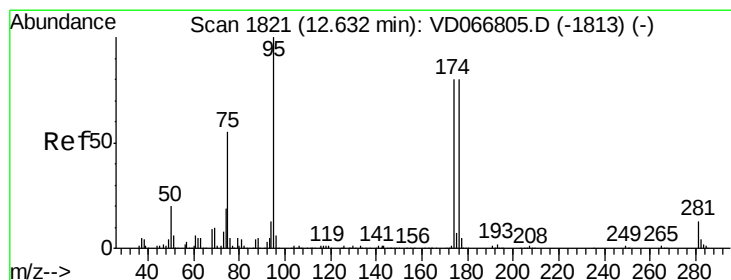
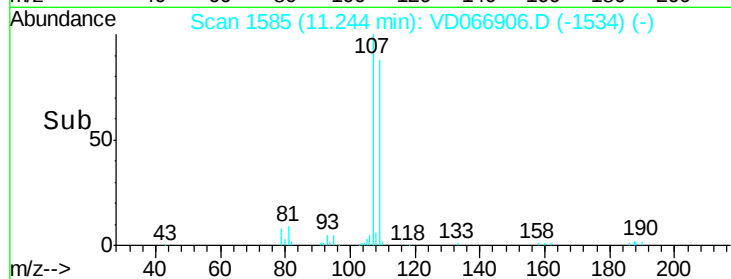
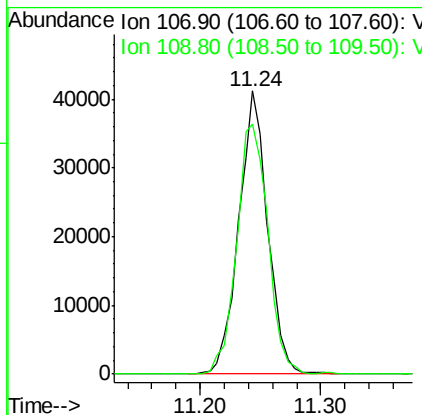
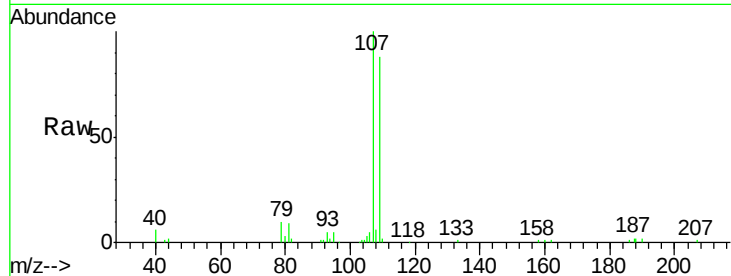
#61
 1,2-Dibromoethane
 Concen: 21.015 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tot Ion: 107 Resp: 68533
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.0 112.4

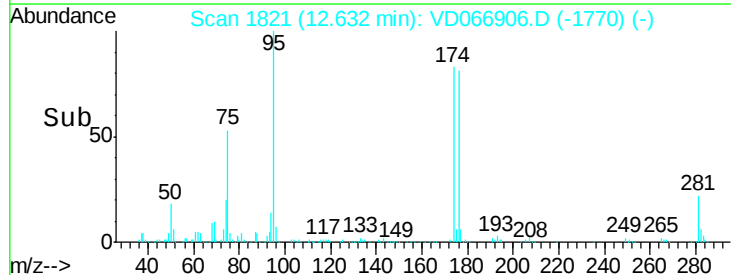
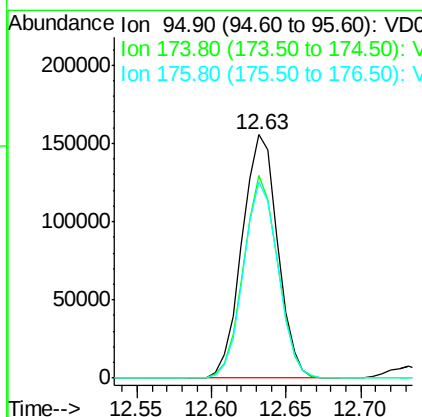
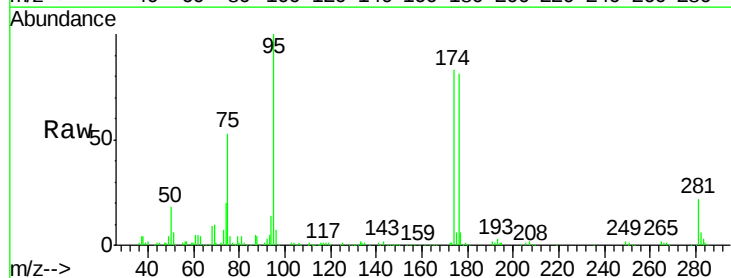
Manual Integrations
 APPROVED

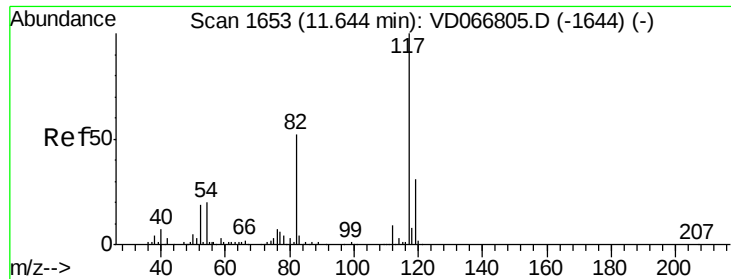
MMDadoda
 9/29/2020 11:46:40 AM



#62
 4-Bromofluorobenzene
 Concen: 51.312 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion: 95 Resp: 256939
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 159.8
 176 78.5 0.0 154.4





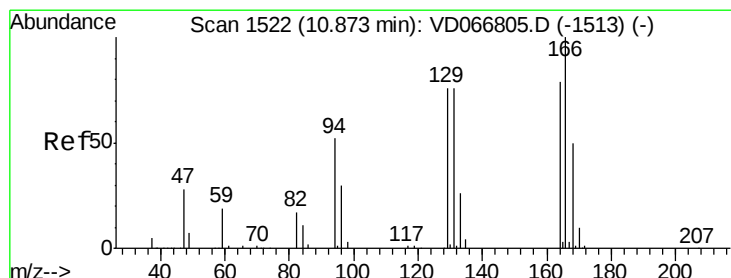
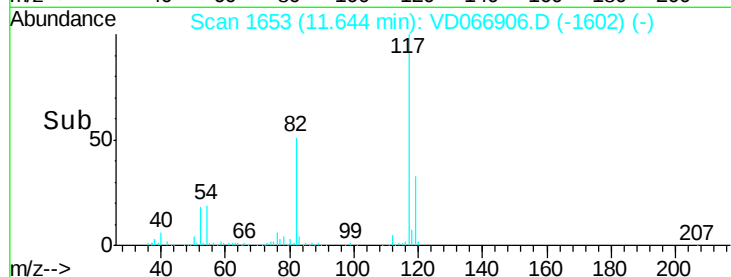
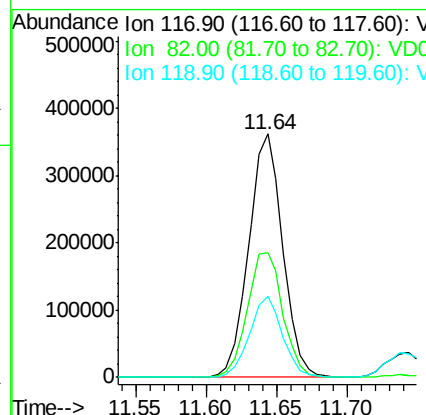
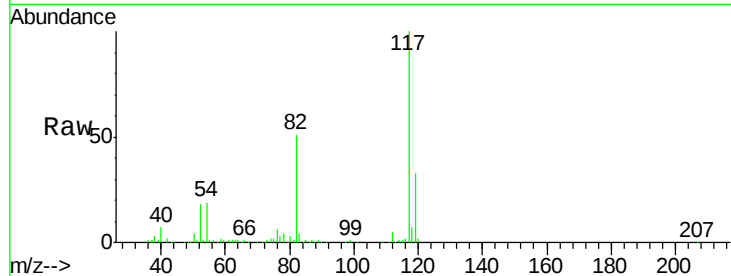
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	610311		
82	51.2		41.8	62.6
119	33.1		24.6	37.0

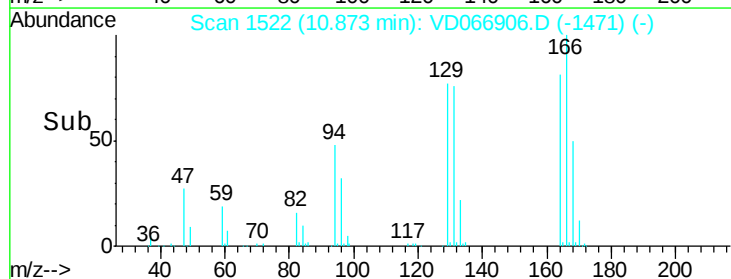
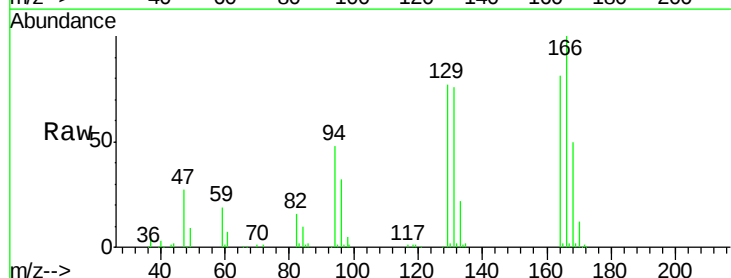
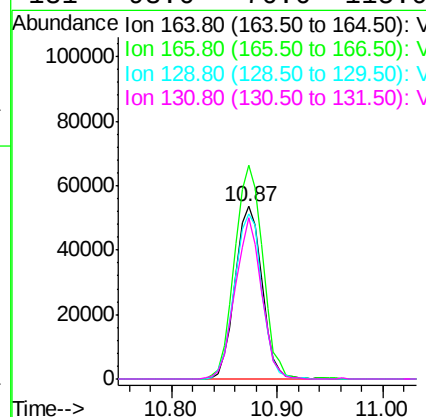
Manual Integrations
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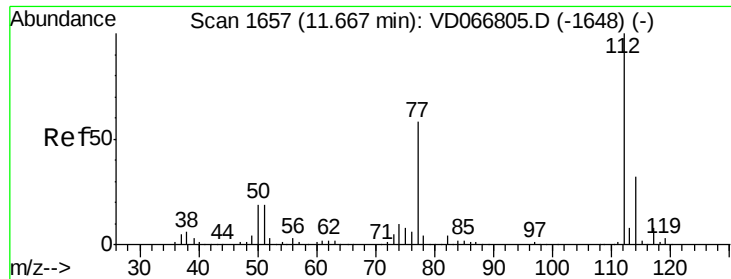
MMDadoda
9/29/2020 11:46:40 AM



#64
Tetrachloroethene
Concen: 21.575 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94715		
166	123.6		101.1	151.7
129	95.7		77.0	115.4
131	93.6		76.6	115.0





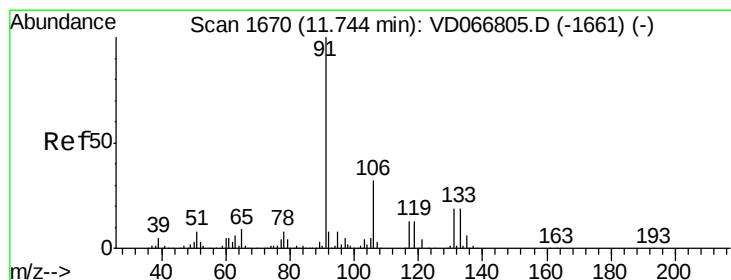
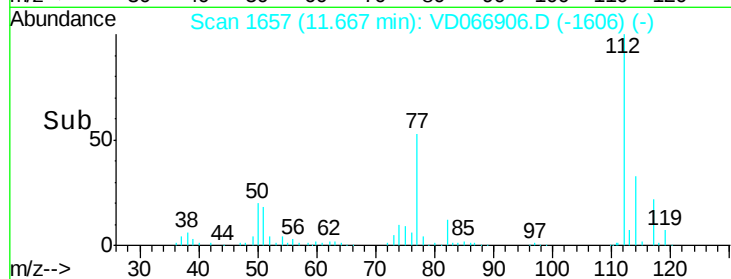
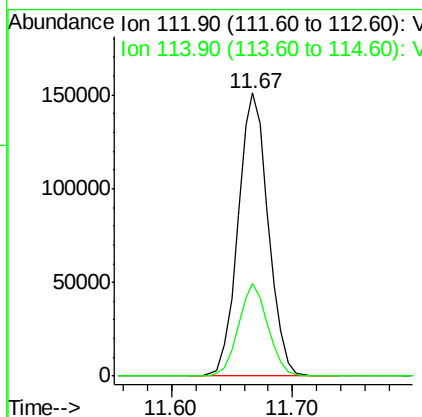
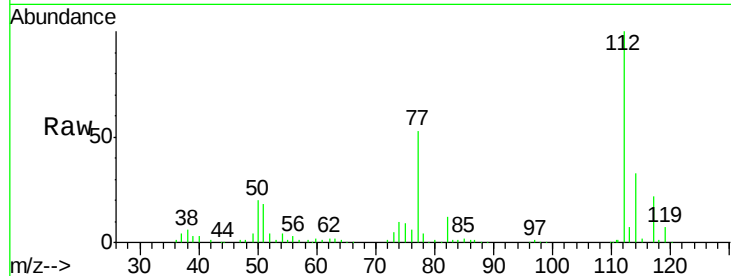
#65
Chlorobenzene
Concen: 20.622 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion:112 Resp: 261981
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

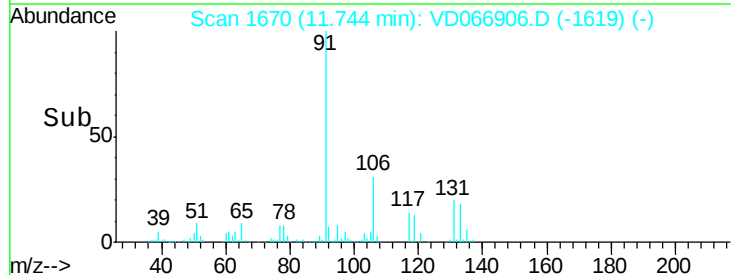
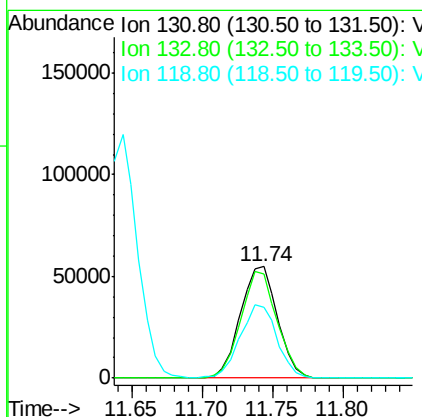
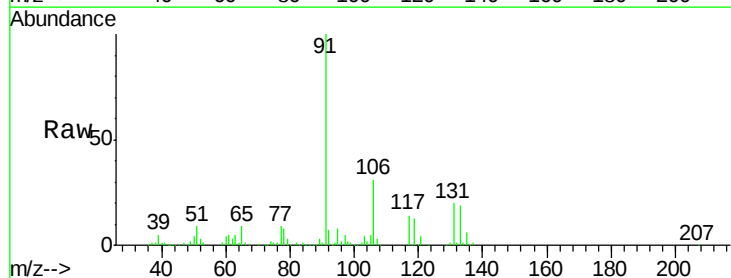
Manual Integrations
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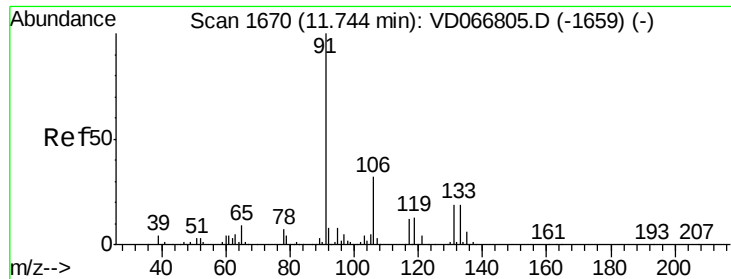
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.028 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion:131 Resp: 101109
Ion Ratio Lower Upper
131 100
133 93.5 46.7 140.1
119 65.1 32.3 96.9





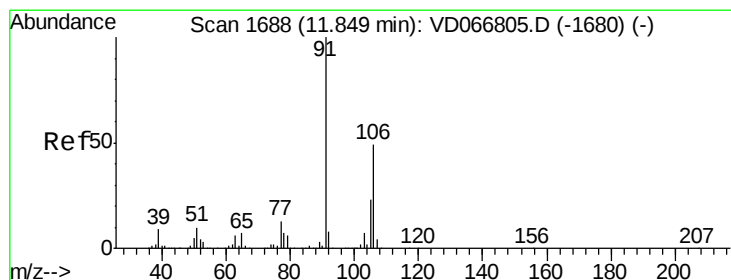
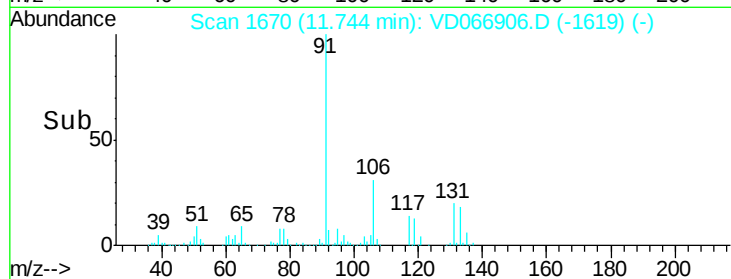
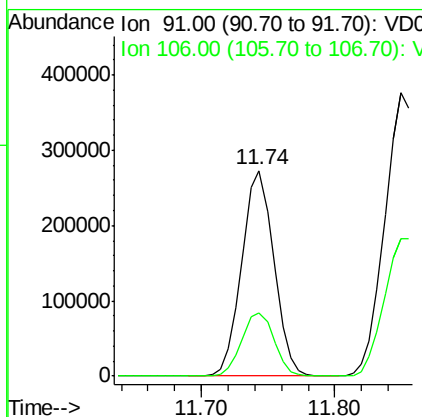
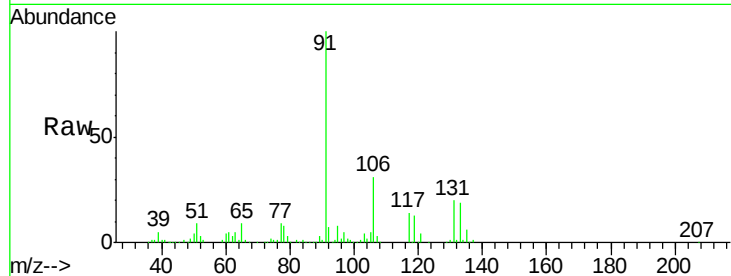
#67
Ethyl Benzene
Concen: 20.431 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion: 91 Resp: 455871
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

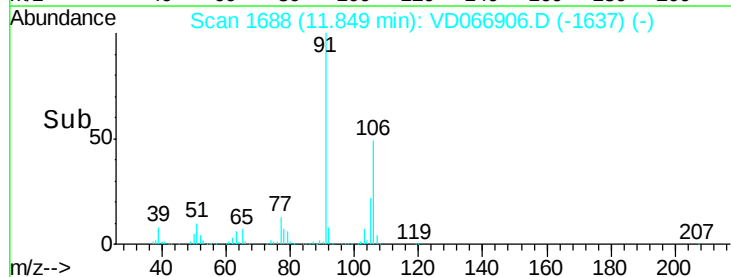
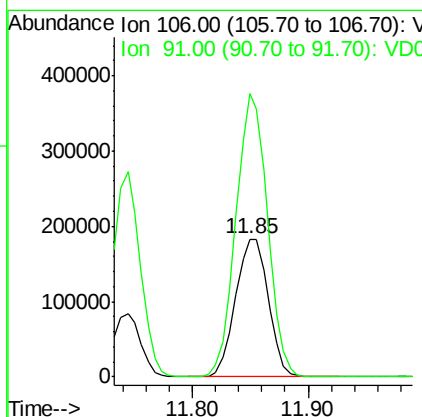
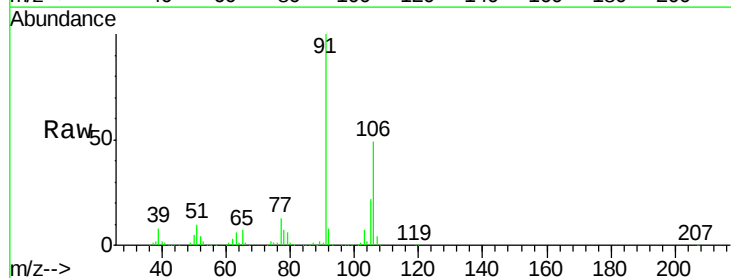
Manual Integrations
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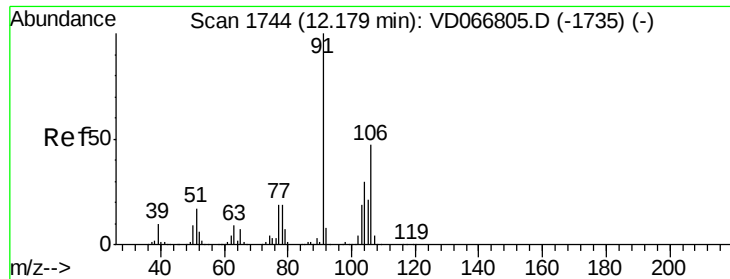
MMDadoda
9/29/2020 11:46:40 AM



#68
m/p-Xylenes
Concen: 42.781 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion: 106 Resp: 361404
Ion Ratio Lower Upper
106 100
91 197.0 160.7 241.1





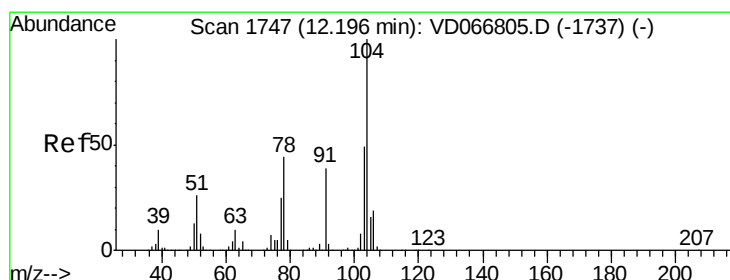
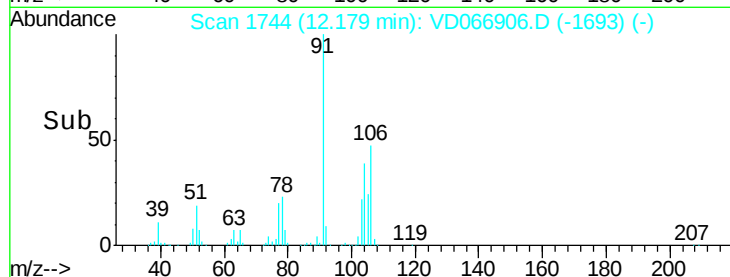
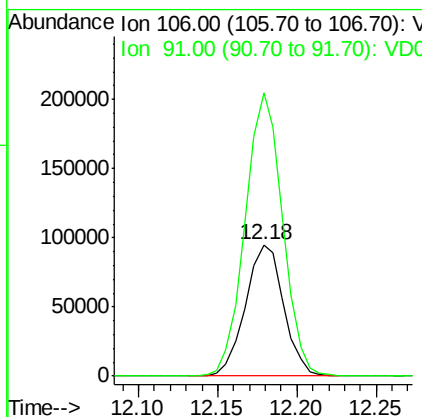
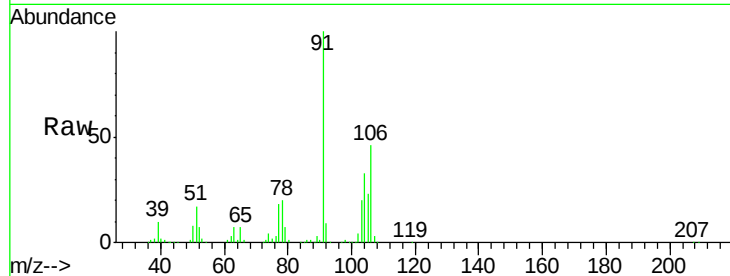
#69
o-Xylene
Concen: 20.830 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	159113		
91	211.4	106.3	318.8	

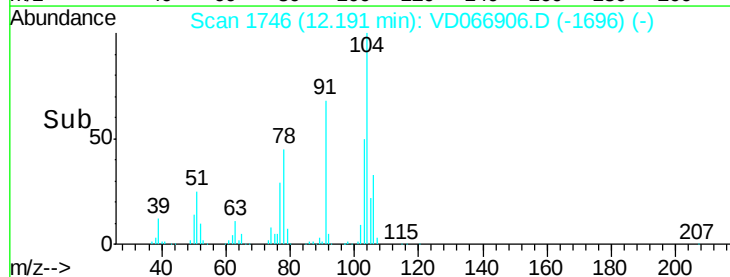
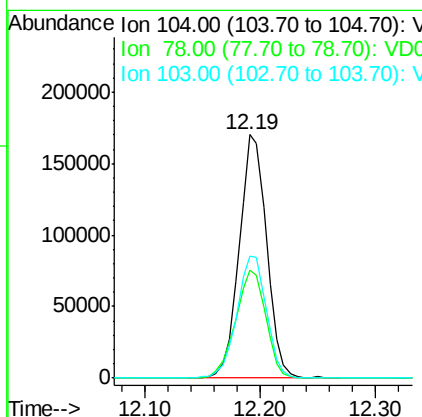
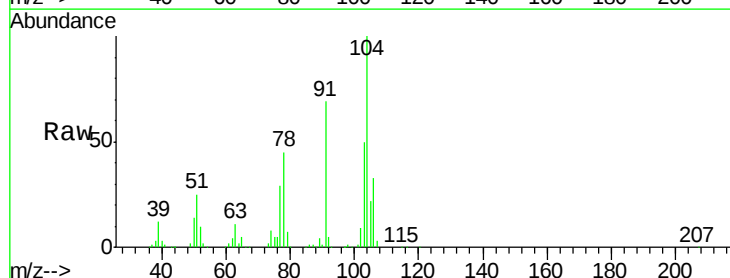
Manual Integrations
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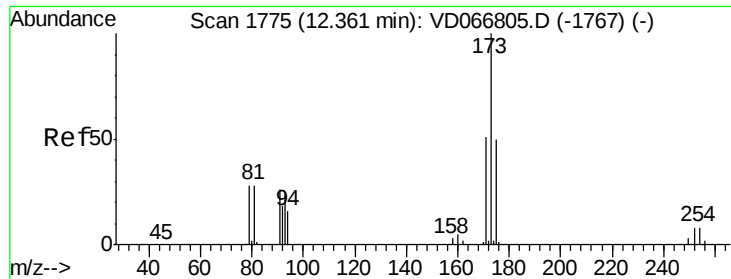
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#70
Styrene
Concen: 21.062 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	279397		
78	49.2	38.9	58.3	
103	54.2	43.2	64.8	





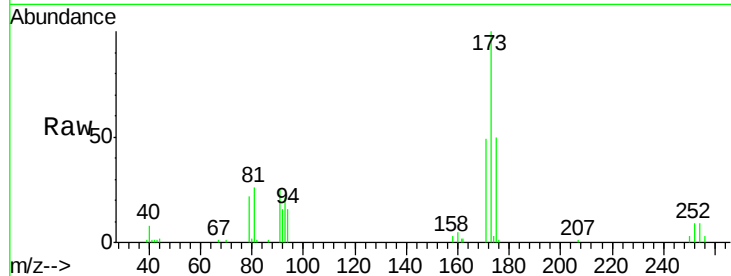
#71
Bromoform
Concen: 21.701 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

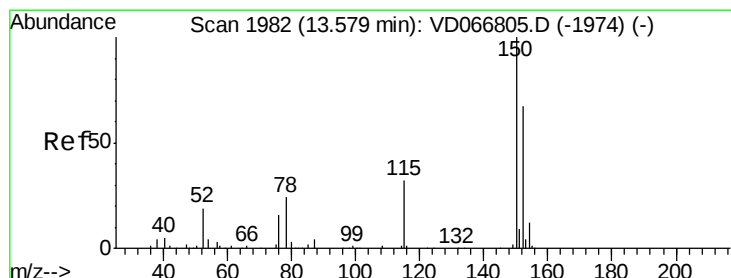
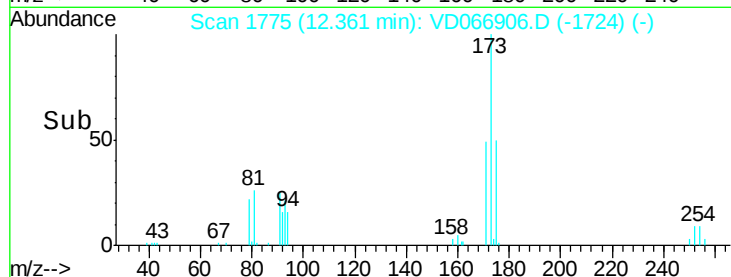
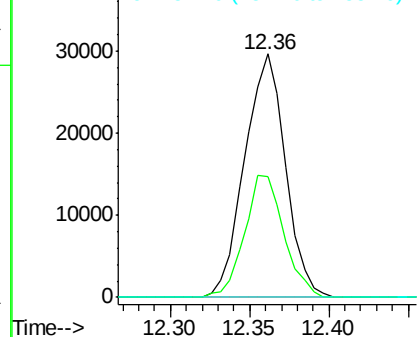
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

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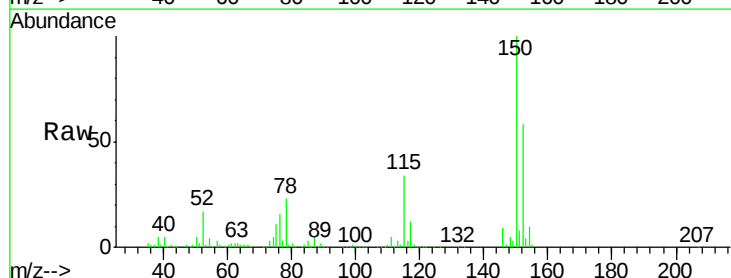


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

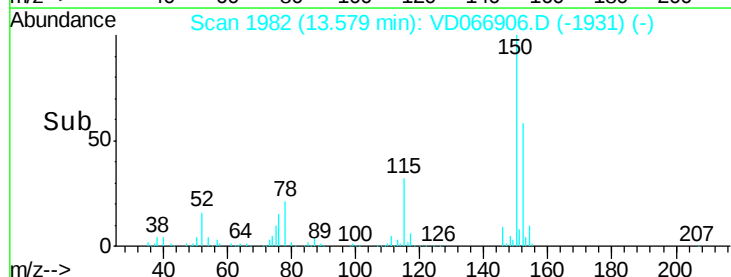
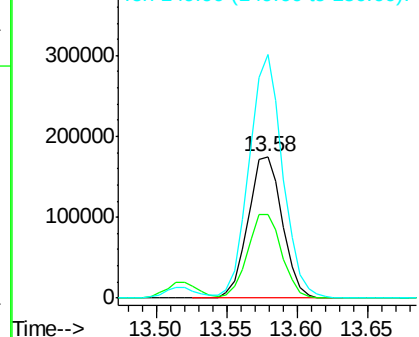


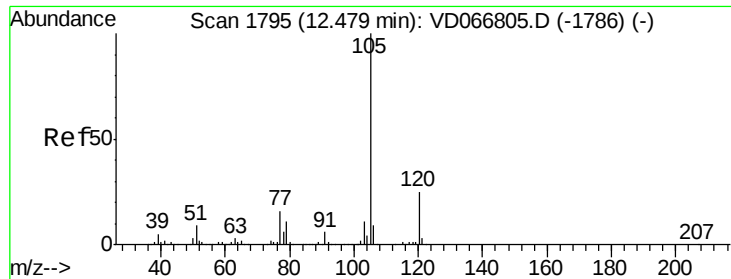
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.3	91.0
150	168.8	0.0	346.2



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





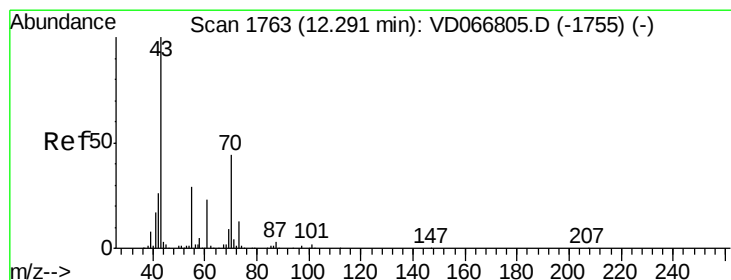
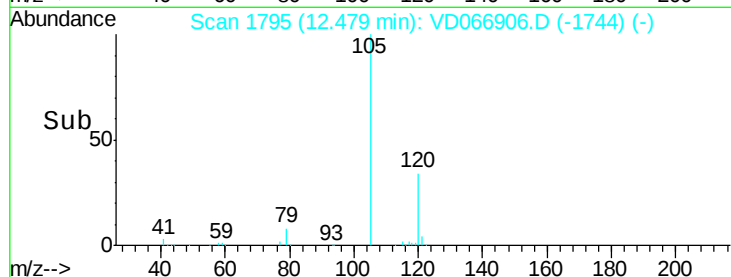
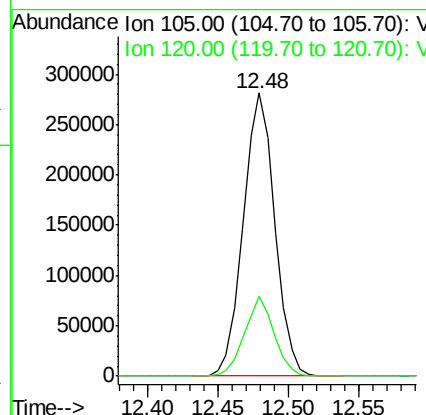
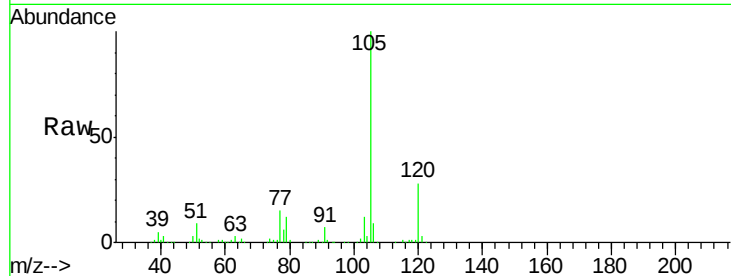
#73
Isopropylbenzene
Concen: 20.405 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	438845		
120	26.3	12.9	38.6	

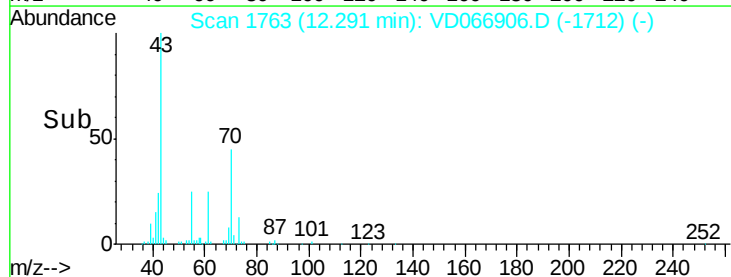
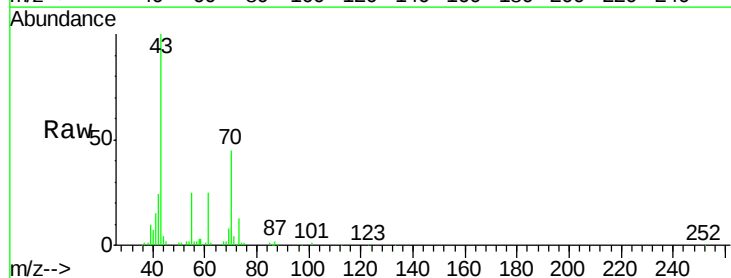
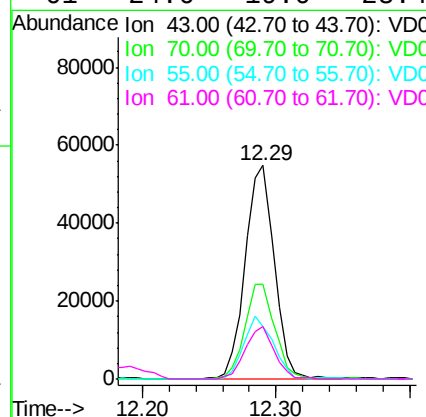
Manual Integrations
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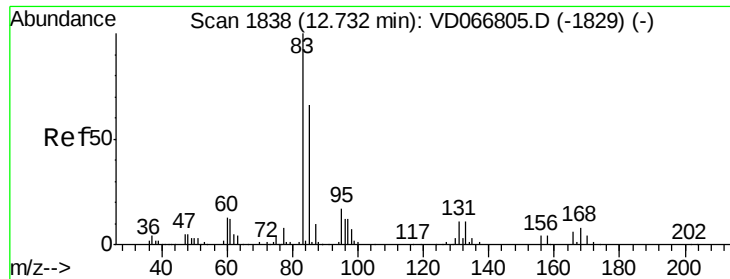
MMDadoda
9/29/2020 11:46:40 AM



#74
N-ethyl acetate
Concen: 19.675 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	82631		
70	45.5	36.1	54.1	
55	29.4	21.8	32.8	
61	24.6	19.0	28.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 20.206 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

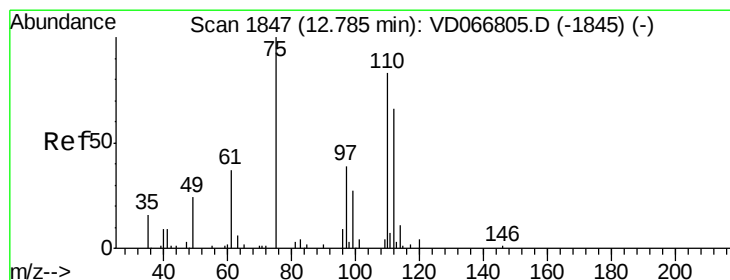
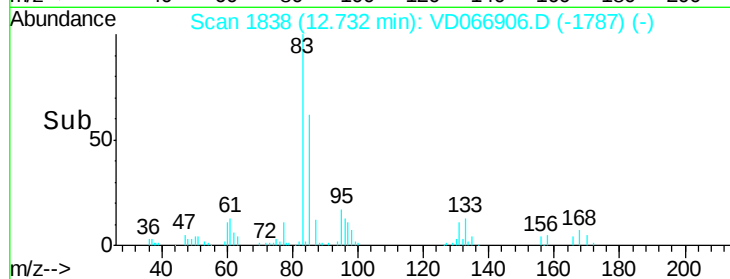
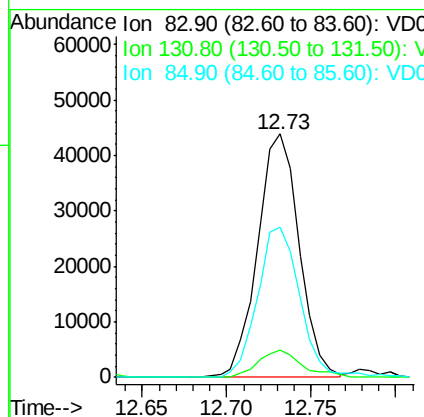
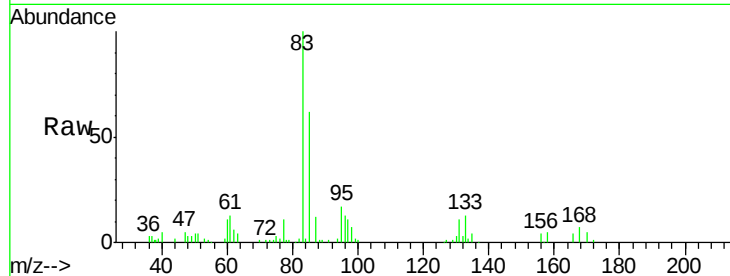
ClientSampleId :

VD0928SBS01

Tot Ion:	83	Resp:	74984
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.5	16.7
85	63.4	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 22.183 ug/l m

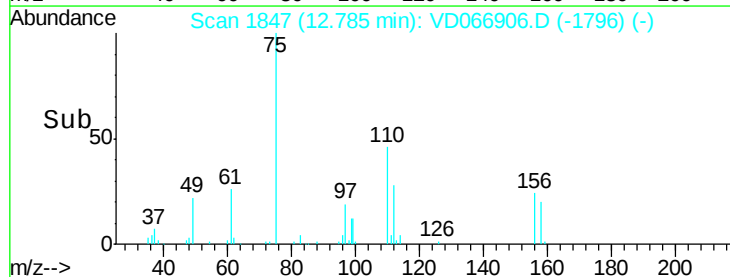
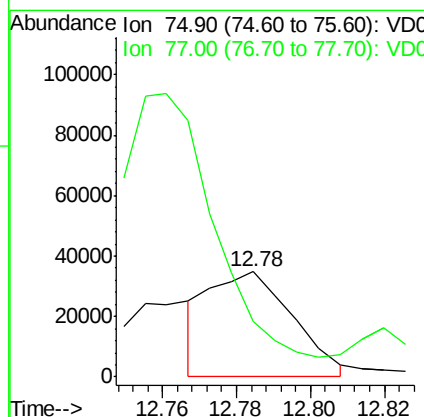
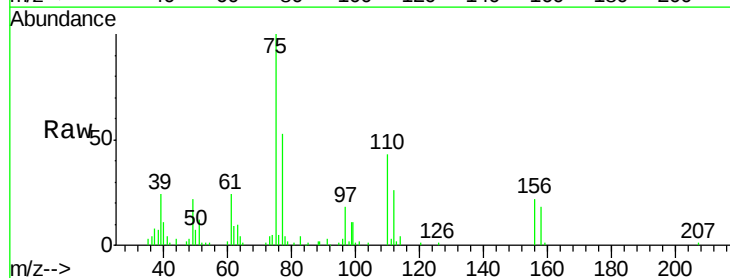
RT: 12.78 min Scan# 1847

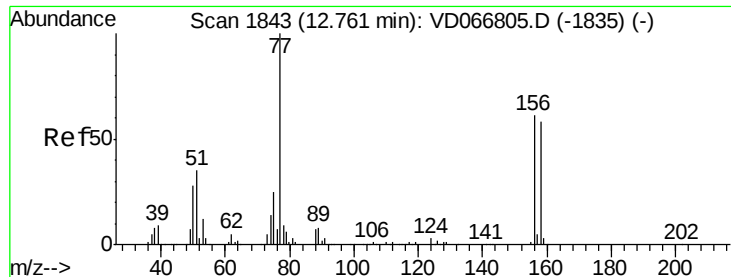
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	75	Resp:	54729
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.974 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

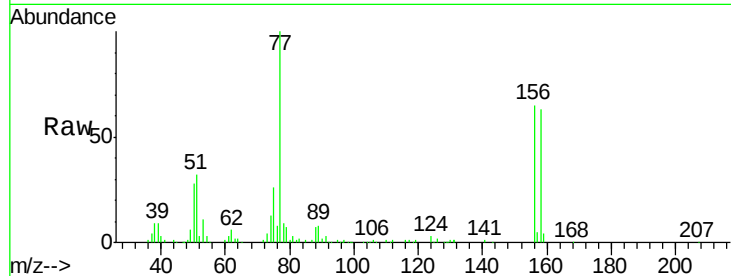
ClientSampleId :

VD0928SBS01

Tot Ion:	156	Resp:	105498
Ion Ratio	Lower	Upper	
156	100		
77	175.1	92.3	276.9
158	93.7	47.6	142.9

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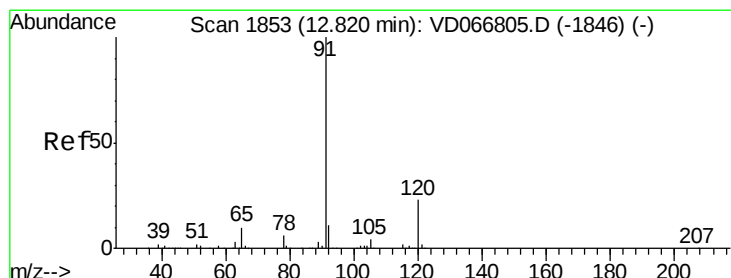
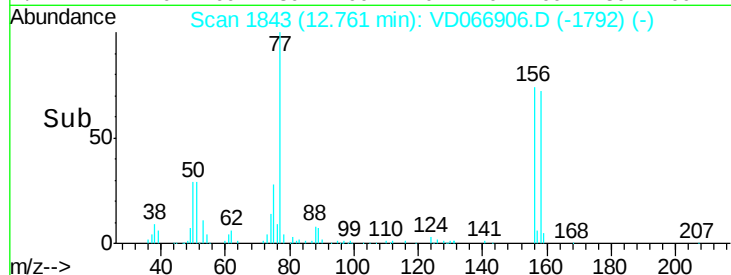
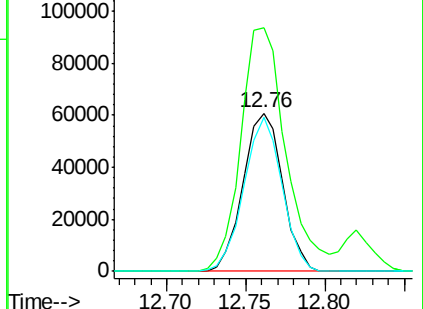
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.244 ug/l

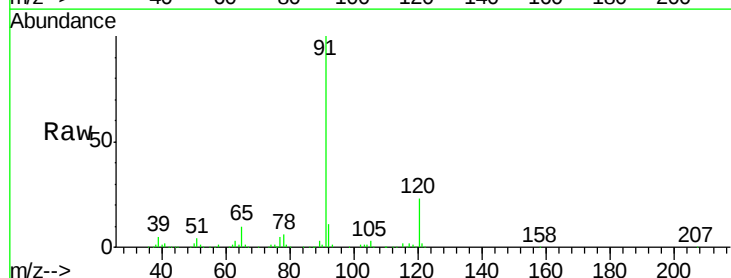
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066906.D

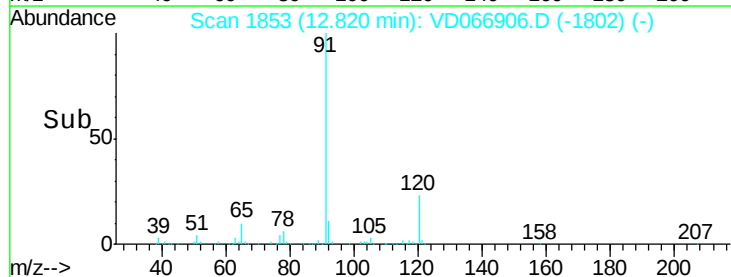
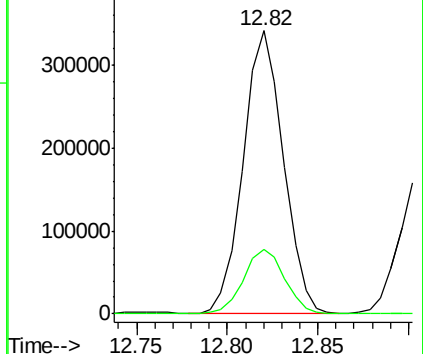
Acq: 28 Sep 2020 11:57

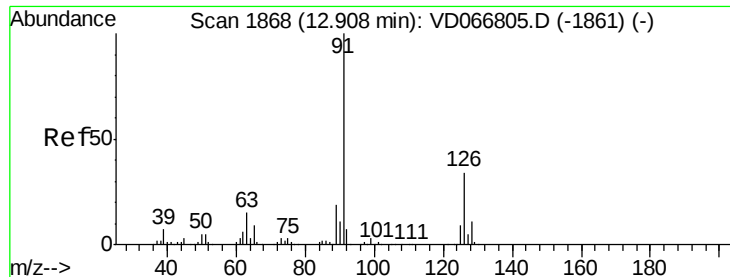
Tgt Ion:	91	Resp:	523784
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.122 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 91 Resp: 296675

Ion Ratio Lower Upper

91 100

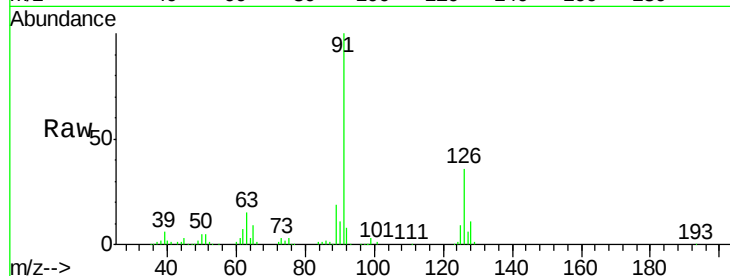
126 34.7 17.0 51.0

Manual Integrations

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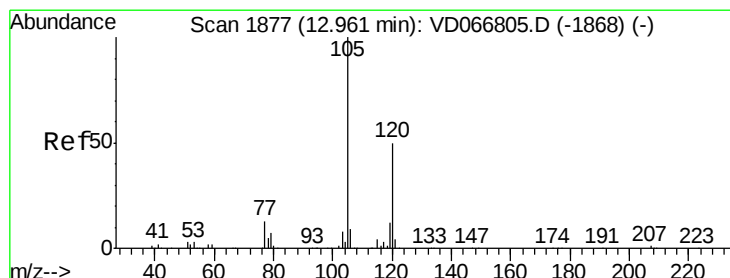
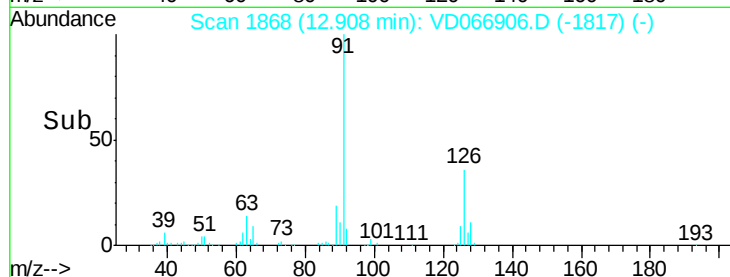
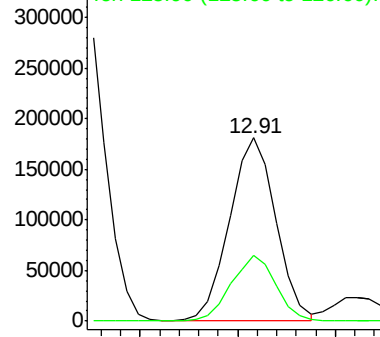
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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.559 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066906.D

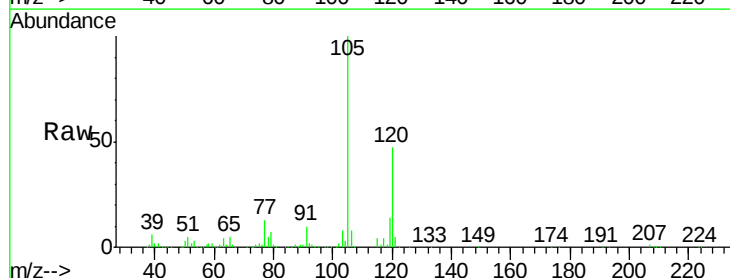
Acq: 28 Sep 2020 11:57

Tgt Ion:105 Resp: 375169

Ion Ratio Lower Upper

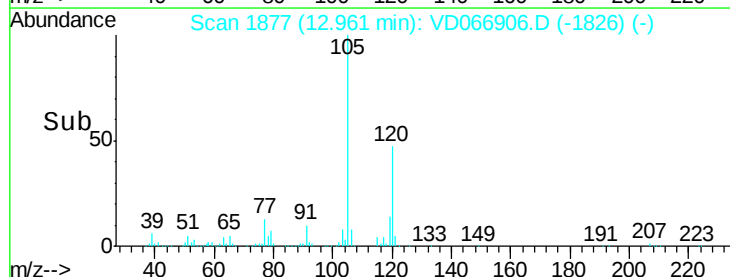
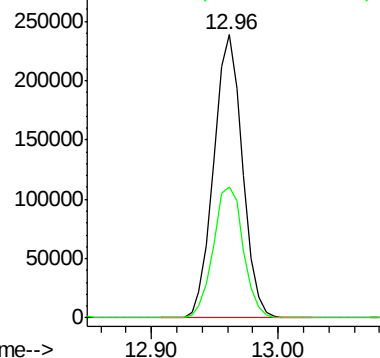
105 100

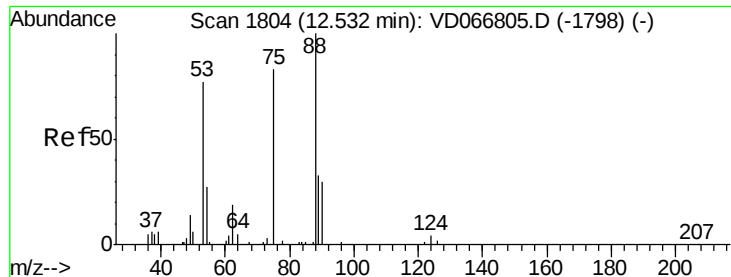
120 48.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.664 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion: 75 Resp: 22349

Ion Ratio Lower Upper

75 100

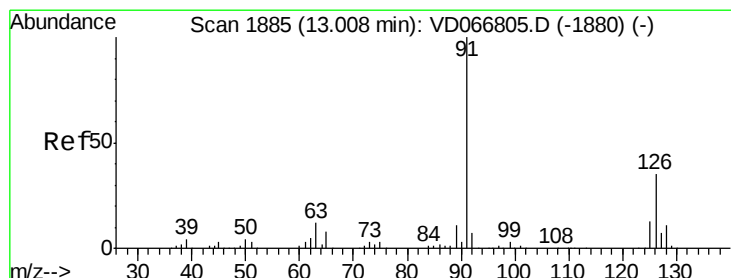
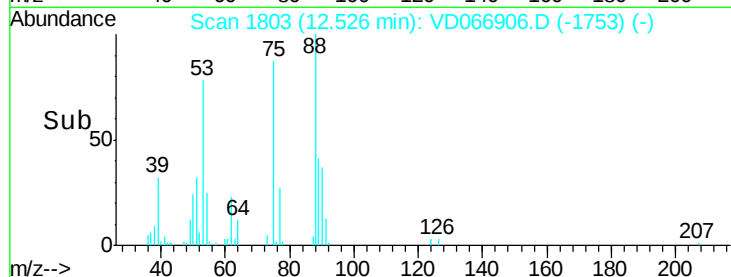
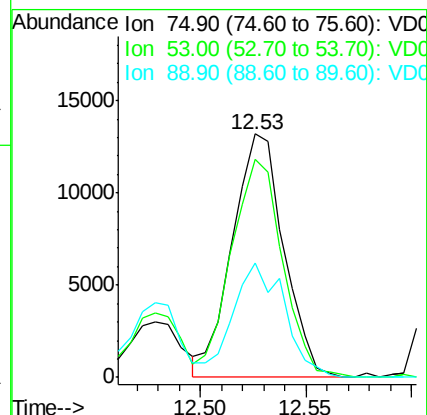
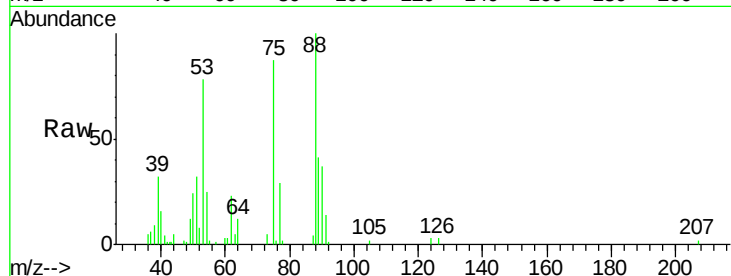
53 89.4 78.5 117.7

89 47.3 38.1 57.1

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#82

4-Chlorotoluene

Concen: 20.199 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066906.D

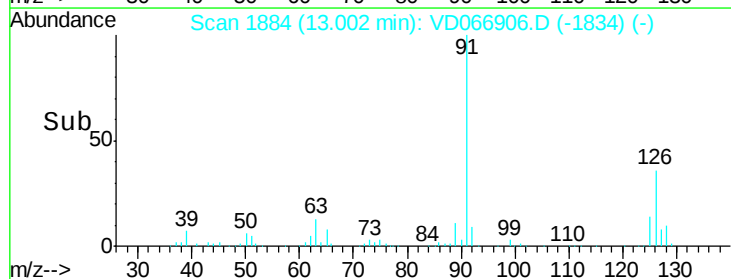
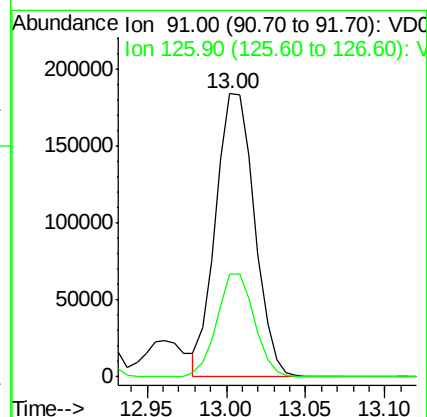
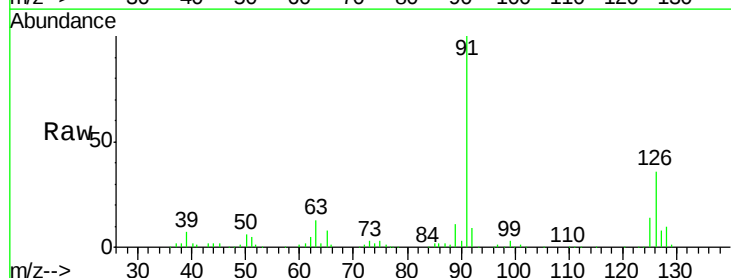
Acq: 28 Sep 2020 11:57

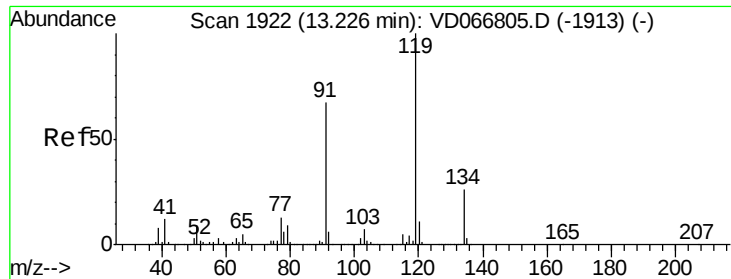
Tgt Ion: 91 Resp: 313939

Ion Ratio Lower Upper

91 100

126 34.9 17.1 51.2





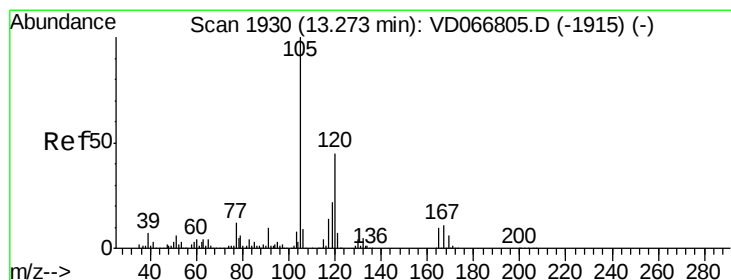
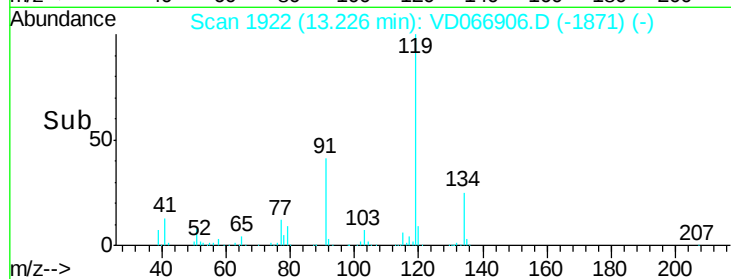
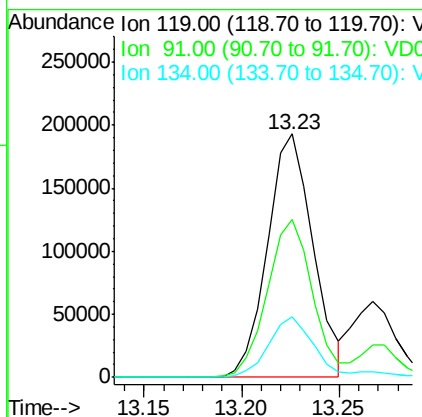
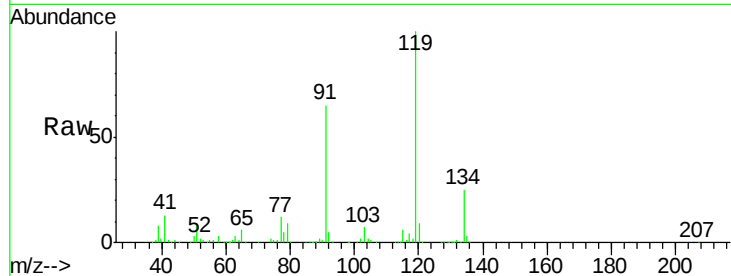
#83
tert-Butylbenzene
Concen: 20.848 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	312615		
91	65.0	33.6	100.8	
134	24.4	13.5	40.4	

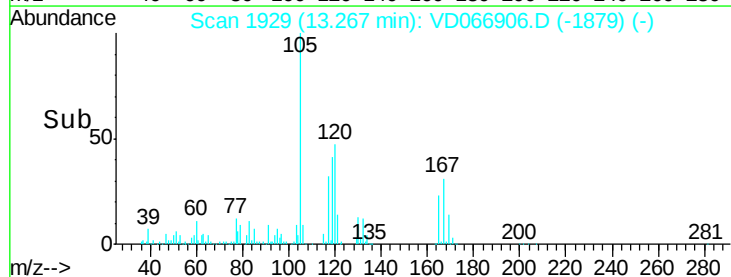
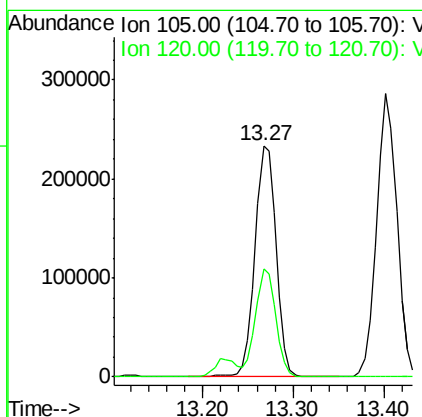
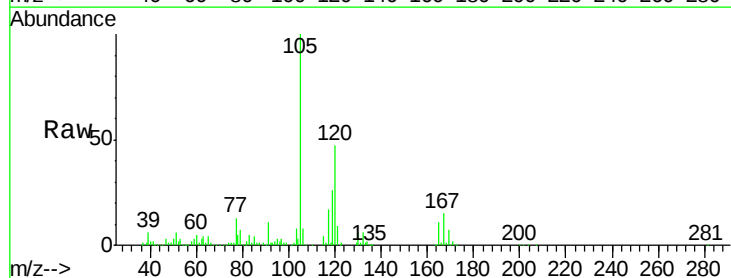
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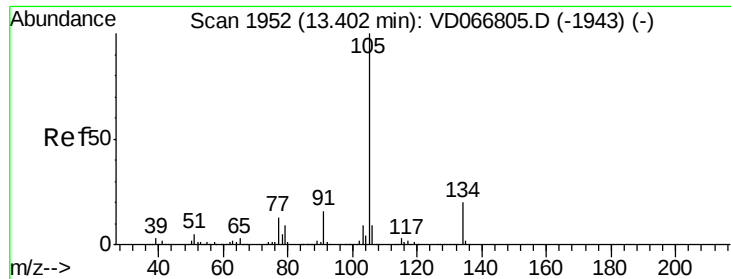
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#84
1,2,4-Trimethylbenzene
Concen: 20.883 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	377877		
120	44.7	22.3	66.9	





#85

sec-Butylbenzene

Concen: 20.578 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tot Ion:105 Resp: 443717

Ion Ratio Lower Upper

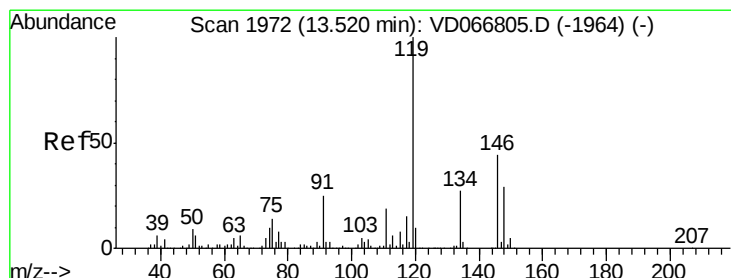
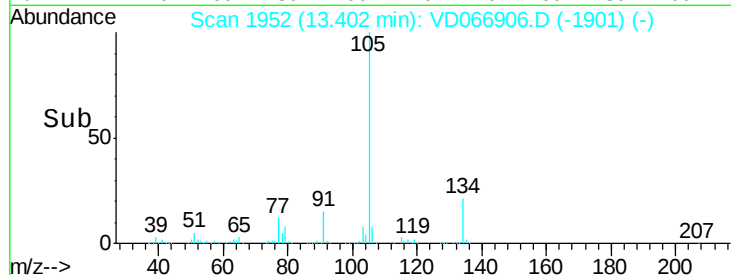
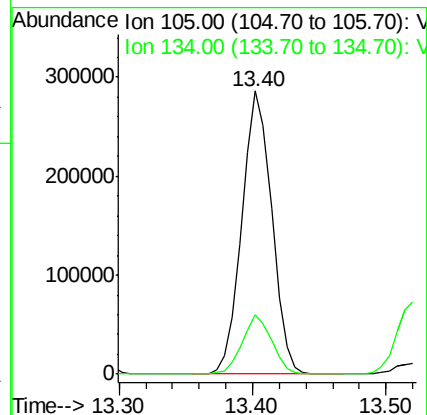
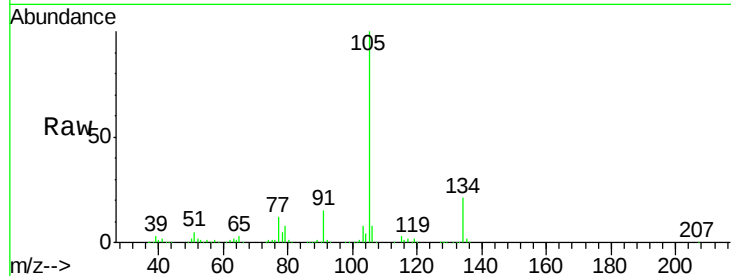
105 100

134 20.4 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 20.908 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

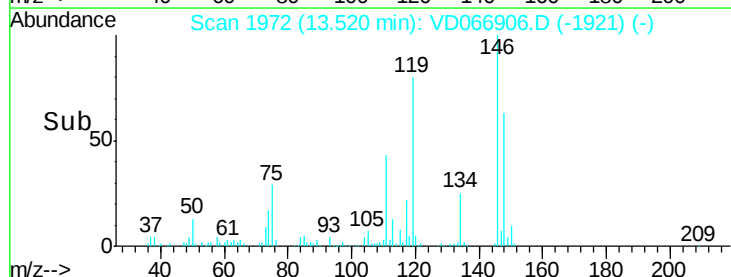
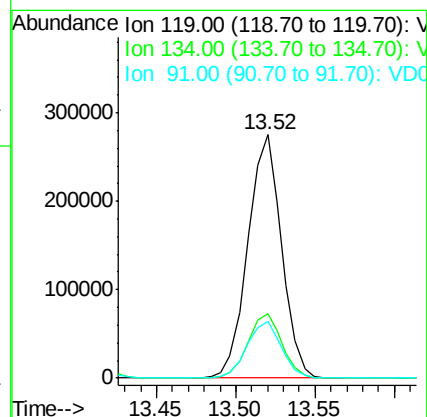
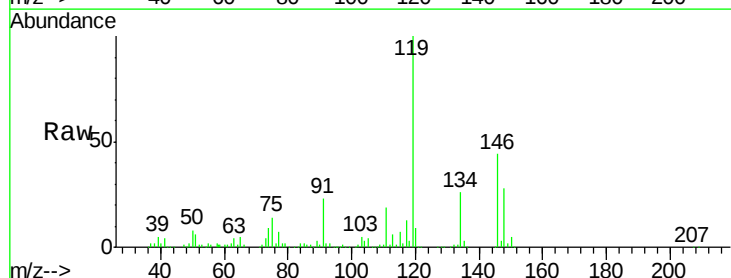
Tgt Ion:119 Resp: 406386

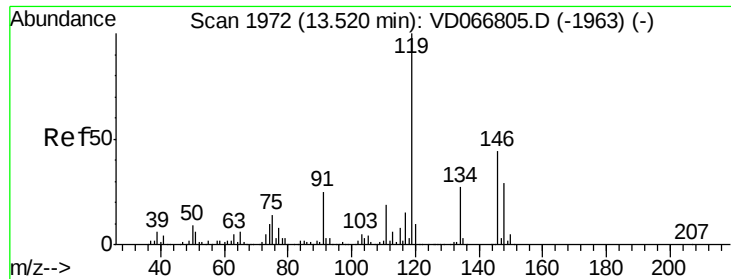
Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 23.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.274 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Instrument :

MSVOA_D

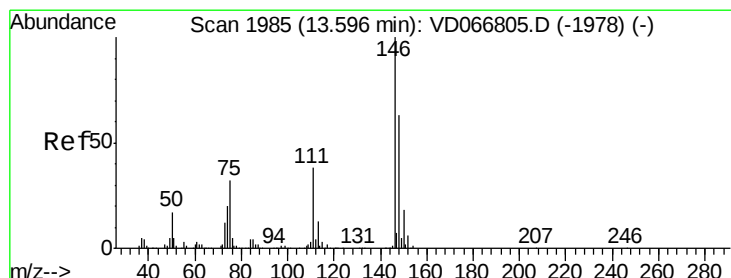
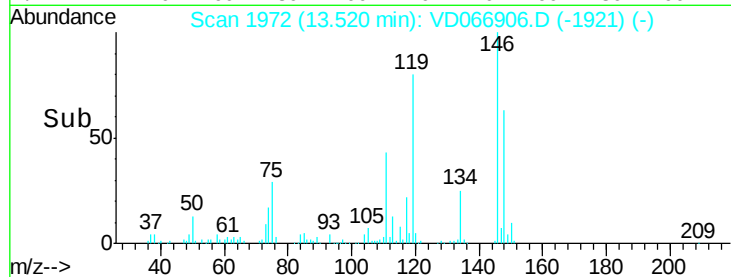
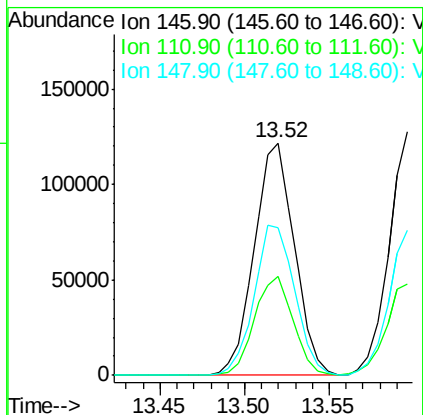
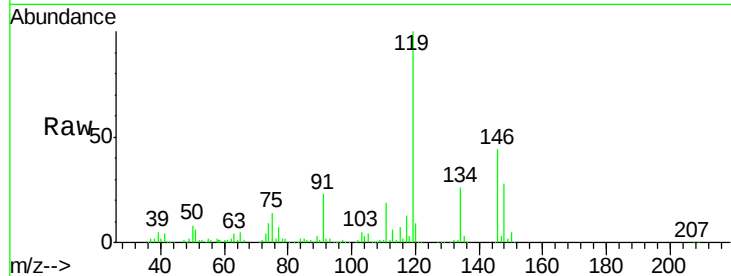
ClientSampleId :

VD0928SBS01

Tot Ion:	146	Resp:	201469
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.3	60.9
148	65.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 20.589 ug/l

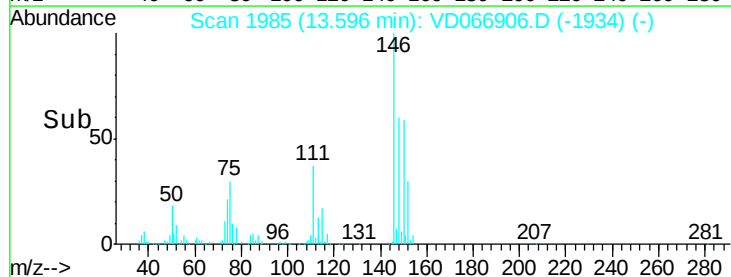
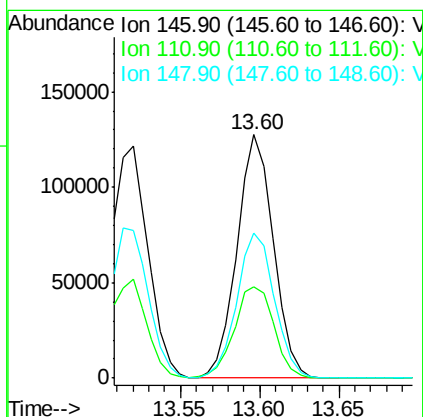
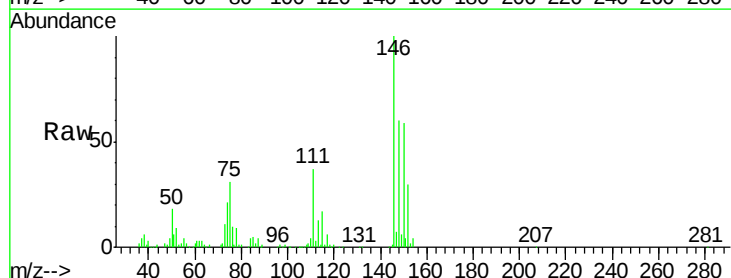
RT: 13.60 min Scan# 1985

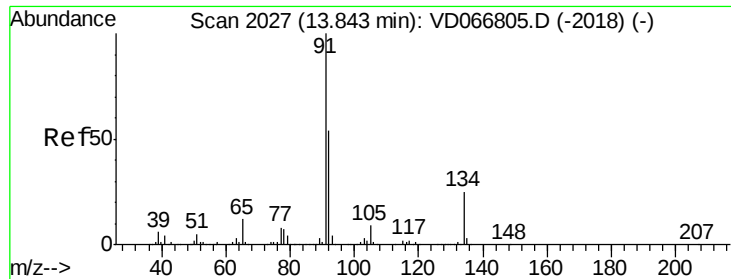
Delta R.T. -0.00 min

Lab File: VD066906.D

Acq: 28 Sep 2020 11:57

Tgt Ion:	146	Resp:	203210
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.2	60.5
148	61.6	31.6	94.7





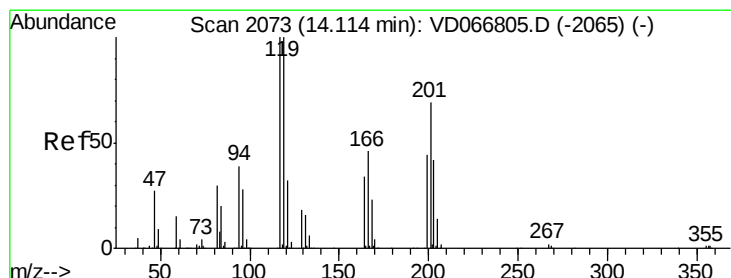
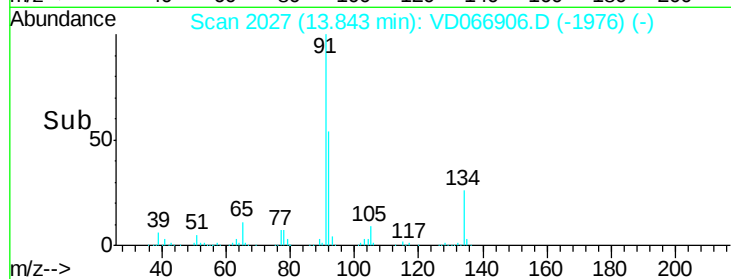
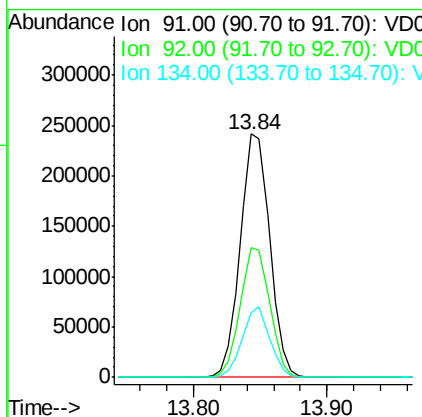
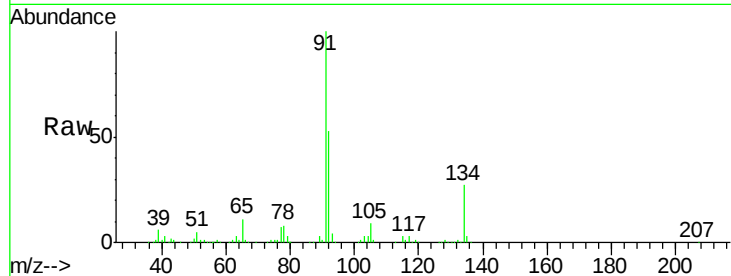
#89
n-Butylbenzene
Concen: 19.992 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	369342		
92	53.2	26.7	80.0	
134	27.0	13.1	39.1	

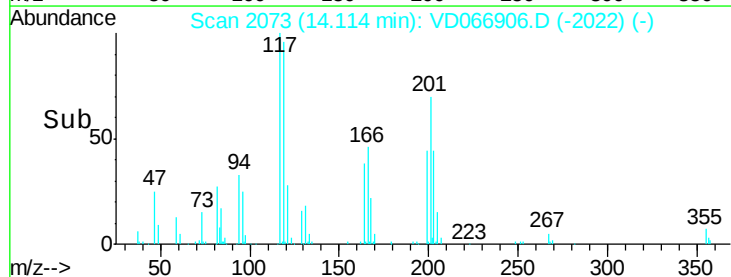
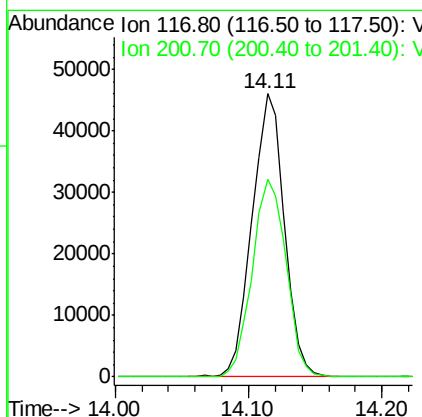
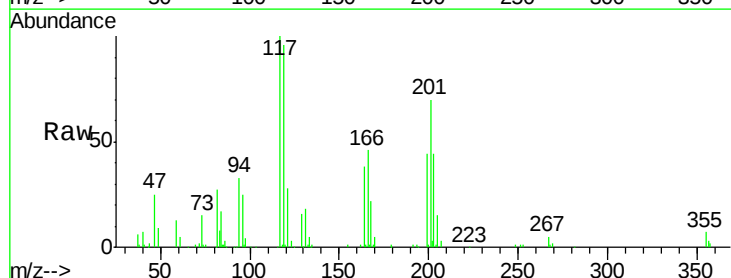
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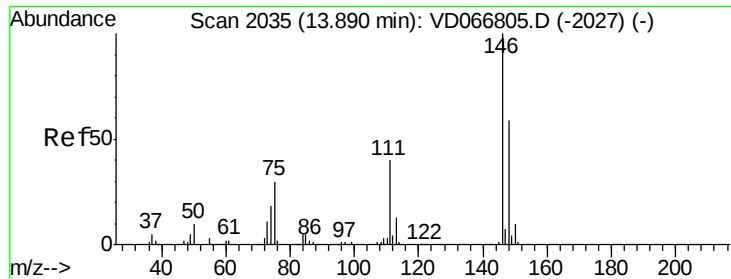
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#90
Hexachloroethane
Concen: 19.410 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76593		
201	73.1	33.7	101.0	





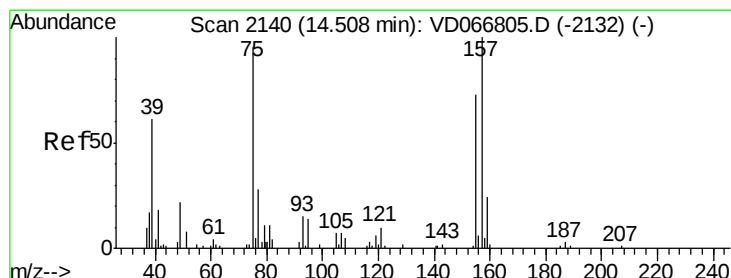
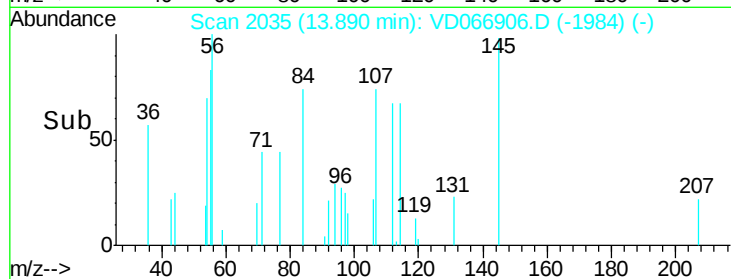
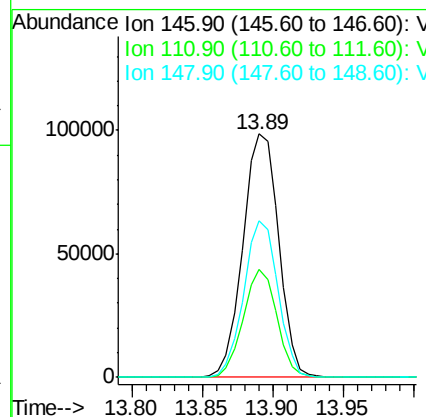
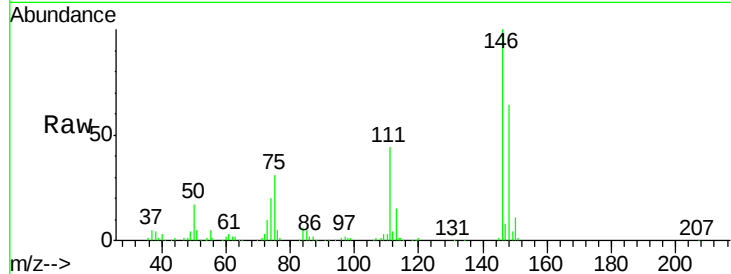
#91
 1,2-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	61.6	31.8	95.3

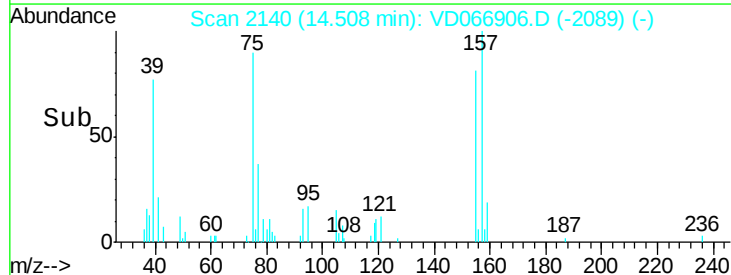
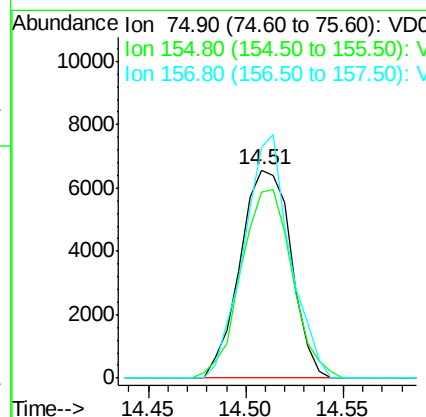
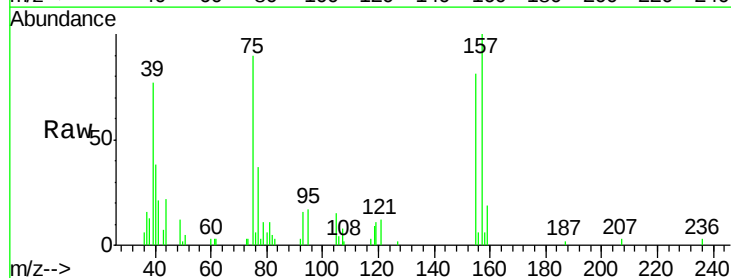
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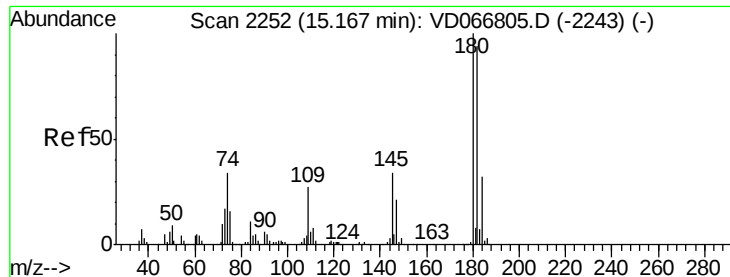
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.905 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	40.4	121.2
157	105.3	51.3	153.9





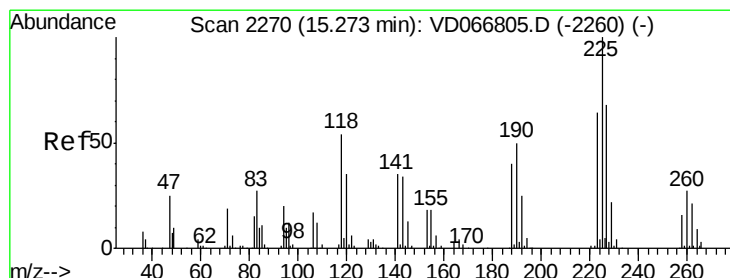
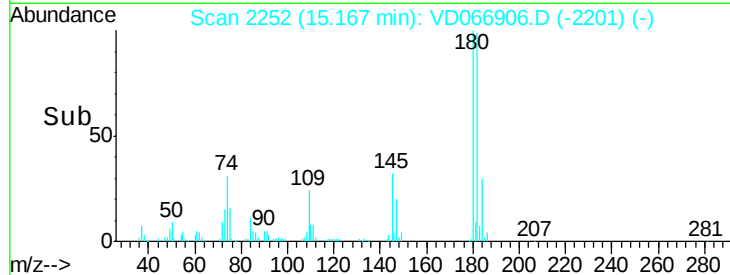
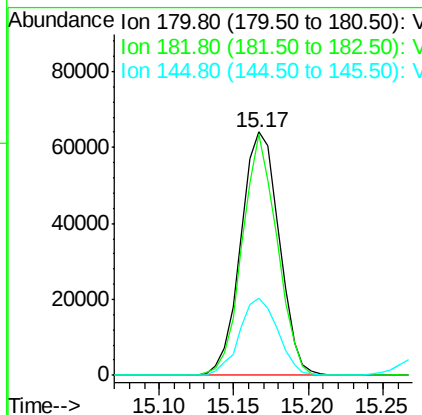
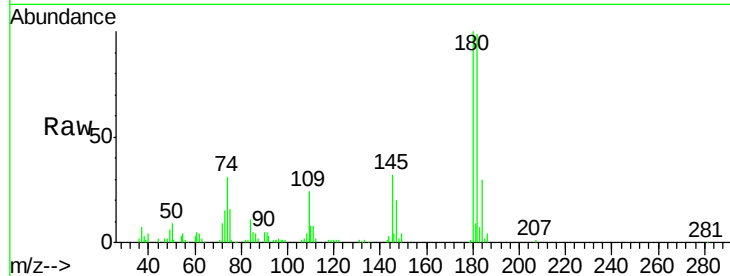
#93
 1,2,4-Trichlorobenzene
 Concen: 21.312 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	114058		
182	89.6	48.8	146.3	
145	31.7	16.7	50.0	

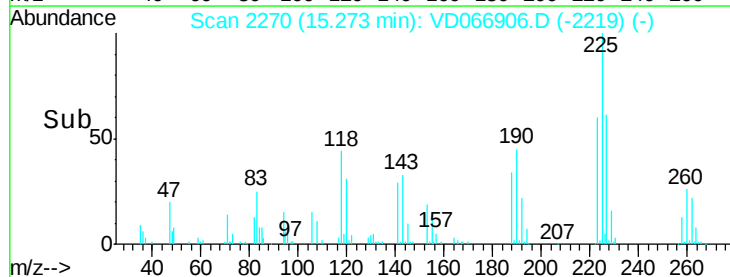
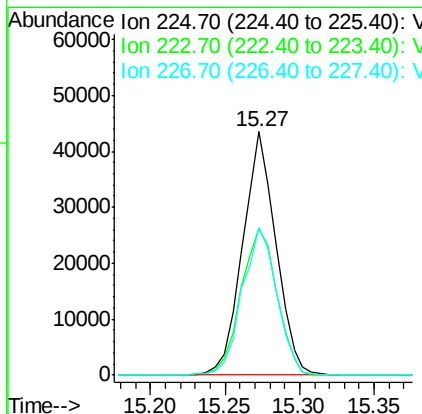
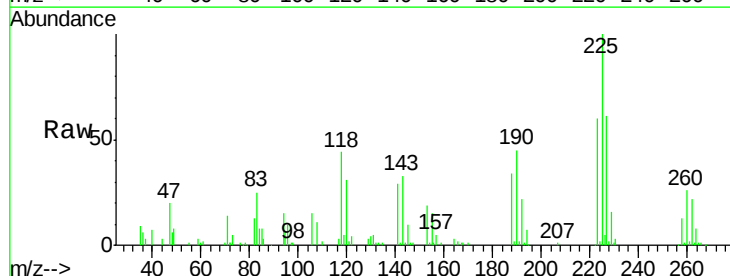
Manual Integrations
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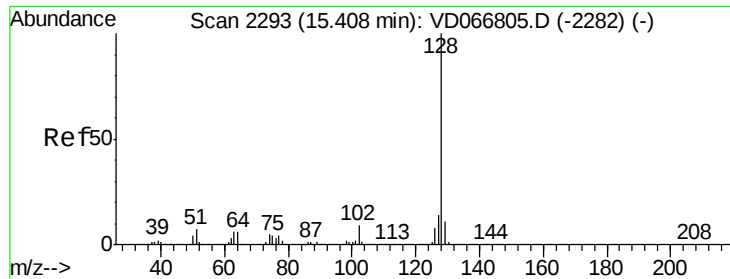
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#94
 Hexachlorobutadiene
 Concen: 20.902 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066906.D
 Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67035		
223	65.4	31.1	93.3	
227	63.0	31.7	95.1	





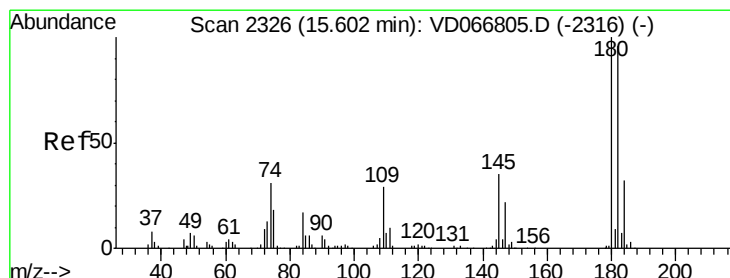
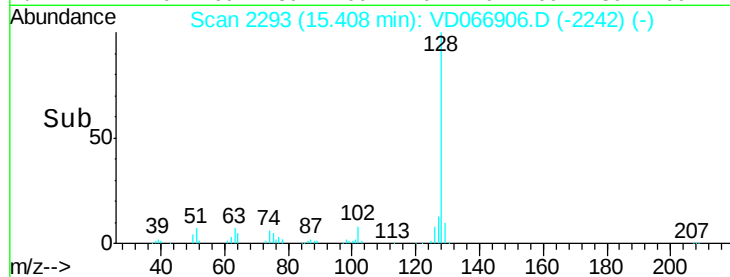
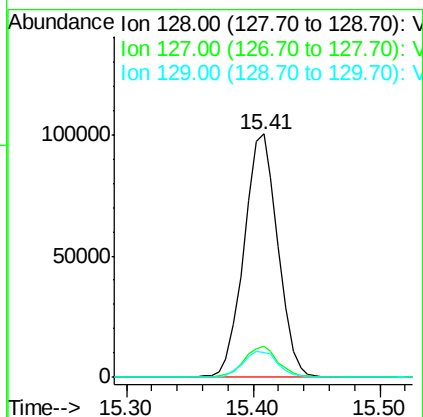
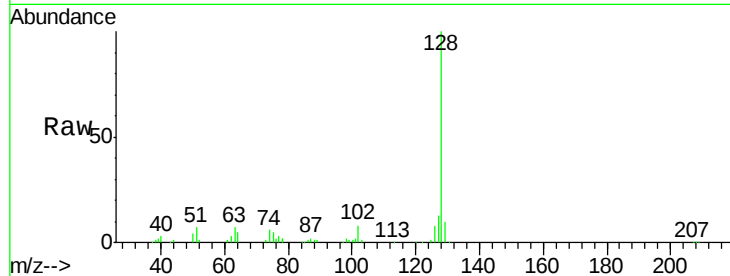
#95
Naphthalene
Concen: 20.454 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	185851		
127	13.0		10.6	16.0
129	11.0		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.562 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066906.D
Acq: 28 Sep 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94981		
182	96.0		46.8	140.3
145	33.9		17.0	51.0

