

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066599.D
 Acq On : 10 Sep 2020 00:21
 Operator : VA/SY
 Sample : VD0909SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:47:08 AM

Quant Time: Sep 10 03:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	312295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	553296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	511033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218964	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
35) Dibromofluoromethane	7.91	113	198425	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.34	98	717812	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.63	95	237988	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	66376	23.662	ug/l	94
3) Chloromethane	2.21	50	91110	23.069	ug/l	97
4) Vinyl Chloride	2.35	62	97888	22.347	ug/l	99
5) Bromomethane	2.76	94	72111	23.641	ug/l	90
6) Chloroethane	2.92	64	63402	22.788	ug/l	96
7) Trichlorofluoromethane	3.27	101	138747	21.441	ug/l	92
8) Diethyl Ether	3.71	74	36746	22.551	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	73990	21.127	ug/l	97
10) Methyl Iodide	4.30	142	63044	22.171	ug/l	99
11) Tert butyl alcohol	5.21	59	30718	103.330	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	67519	21.459	ug/l	93
13) Acrolein	3.93	56	14492	93.802	ug/l	94
14) Allyl chloride	4.71	41	113283	21.969	ug/l	99
15) Acrylonitrile	5.43	53	81685	116.695	ug/l	98
16) Acetone	4.16	43	68890	99.090	ug/l	96
17) Carbon Disulfide	4.41	76	218578	21.132	ug/l	99
18) Methyl Acetate	4.71	43	44622	26.925	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	168557	22.845	ug/l	96
20) Methylene Chloride	4.96	84	109590	25.709	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	80911	21.655	ug/l	96
22) Diisopropyl ether	6.36	45	249847	23.561	ug/l	95
23) Vinyl Acetate	6.30	43	682969	113.179	ug/l	98
24) 1,1-Dichloroethane	6.27	63	150108	22.510	ug/l	96
25) 2-Butanone	7.21	43	103163	110.540	ug/l	98
26) 2,2-Dichloropropane	7.21	77	120196	19.650	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	90540	22.534	ug/l	98
28) Bromochloromethane	7.54	49	58032	22.604	ug/l	98
29) Tetrahydrofuran	7.56	42	68996	118.707	ug/l	98
30) Chloroform	7.71	83	162062	22.972	ug/l	97
31) Cyclohexane	7.98	56	122746	19.913	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	141165	21.283	ug/l	100
36) 1,1-Dichloropropene	8.11	75	118408	20.564	ug/l	100
37) Ethyl Acetate	7.29	43	49197	21.456	ug/l	98
38) Carbon Tetrachloride	8.09	117	124488	20.454	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	120527	18.745	ug/l	98
40) Benzene	8.34	78	332270	21.069	ug/l	100
41) Methacrylonitrile	7.52	41	22109	19.920	ug/l	89
42) 1,2-Dichloroethane	8.42	62	111421	21.806	ug/l	100
43) Isopropyl Acetate	8.45	43	90459	20.587	ug/l	97
44) Trichloroethene	9.11	130	85751	20.729	ug/l	99
45) 1,2-Dichloropropane	9.38	63	85940	21.670	ug/l	96
46) Dibromomethane	9.47	93	47262	21.600	ug/l	97
47) Bromodichloromethane	9.66	83	122782	20.741	ug/l	99
48) Methyl methacrylate	9.45	41	47247	21.265	ug/l	96
49) 1,4-Dioxane	9.46	88	10558	439.833	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	245246	110.669	ug/l	98
52) Toluene	10.40	92	214264	21.464	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	109228	20.902	ug/l	89
54) cis-1,3-Dichloropropene	10.08	75	133455	21.266	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	61244	21.770	ug/l	95
56) Ethyl methacrylate	10.66	69	69416	21.192	ug/l	96
57) 1,3-Dichloropropane	10.94	76	105017	21.312	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	182665	121.919	ug/l	100
59) 2-Hexanone	10.98	43	160008	107.371	ug/l	97
60) Dibromochloromethane	11.14	129	81246	21.839	ug/l	99
61) 1,2-Dibromoethane	11.24	107	59878	21.877	ug/l	99
64) Tetrachloroethene	10.87	164	70682	20.542	ug/l	96
65) Chlorobenzene	11.67	112	222212	21.068	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	81096	20.146	ug/l	97
67) Ethyl Benzene	11.74	91	392582	20.271	ug/l	99
68) m/p-Xylenes	11.85	106	295382	41.077	ug/l	99
69) o-Xylene	12.18	106	127343	19.760	ug/l	93
70) Styrene	12.19	104	226486	20.215	ug/l	97
71) Bromoform	12.36	173	43098	21.244	ug/l #	96
73) Isopropylbenzene	12.48	105	360603	20.692	ug/l	99
74) N-amyl acetate	12.29	43	81839	20.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	64919	21.086	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	50178m	22.166	ug/l	
77) Bromobenzene	12.76	156	82884	21.333	ug/l	99
78) n-propylbenzene	12.82	91	434712	20.577	ug/l	100
79) 2-Chlorotoluene	12.91	91	254094	21.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	308593	21.039	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	19038	19.635	ug/l	100
82) 4-Chlorotoluene	13.00	91	271941	21.457	ug/l	99
83) tert-Butylbenzene	13.23	119	244913	20.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	309809	21.215	ug/l	99
85) sec-Butylbenzene	13.40	105	350750	20.325	ug/l	97
86) p-Isopropyltoluene	13.52	119	313655	20.194	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	159648	20.698	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	155936	20.142	ug/l	97
89) n-Butylbenzene	13.84	91	291513	19.260	ug/l	98
90) Hexachloroethane	14.11	117	70068	20.936	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136965	20.316	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10588	20.245	ug/l	95

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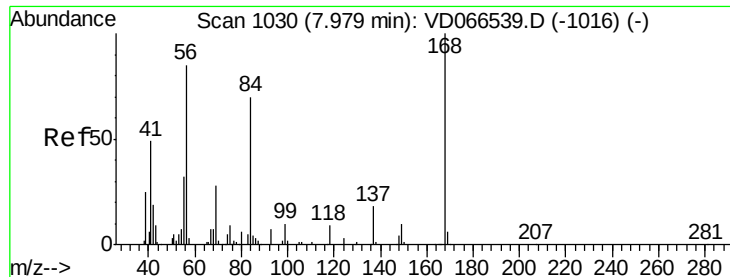
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80480	19.891	ug/l	99
94) Hexachlorobutadiene	15.27	225	47455	19.523	ug/l	99
95) Naphthalene	15.40	128	148751	21.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	74589	21.623	ug/l	96

(#) = 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: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

Tot Ion:168 Resp: 312295

Ion Ratio Lower Upper

168 100

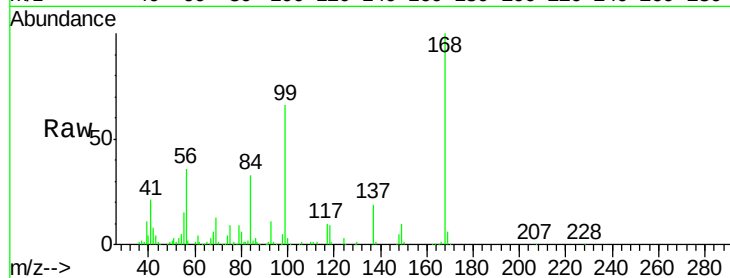
99 65.6 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

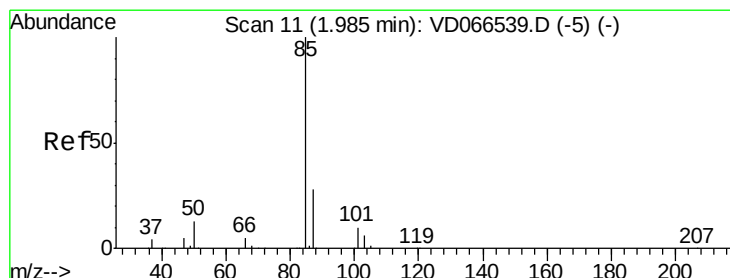
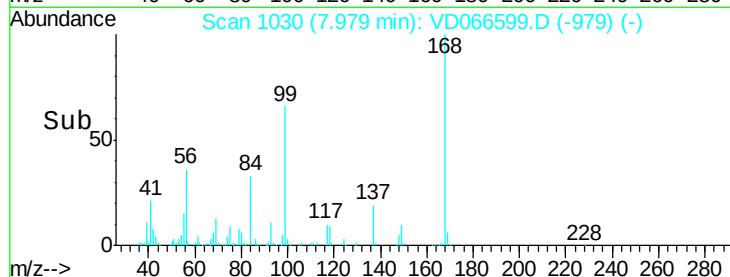
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.662 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066599.D

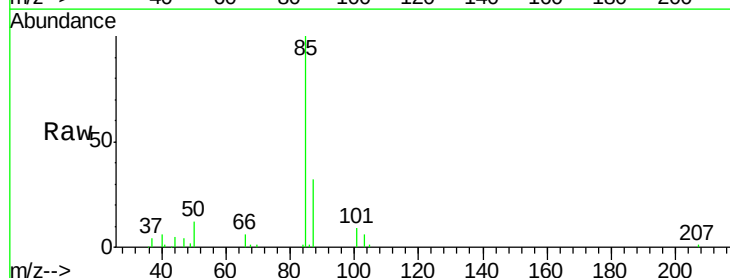
Acq: 10 Sep 2020 00:21

Tgt Ion: 85 Resp: 66376

Ion Ratio Lower Upper

85 100

87 31.7 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

50000

40000

30000

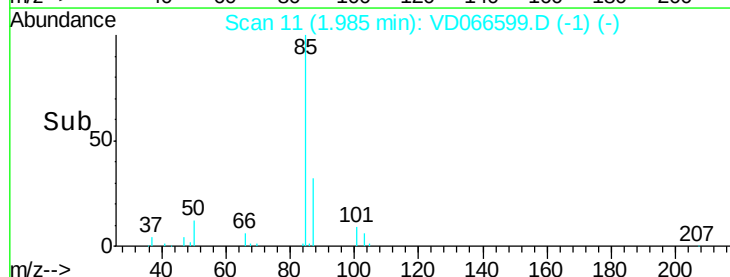
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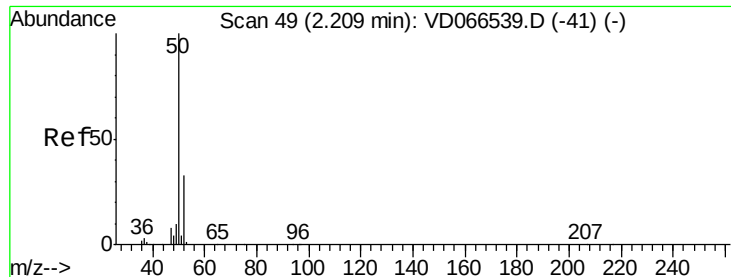
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 23.069 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 50 Resp: 91110

Ion Ratio Lower Upper

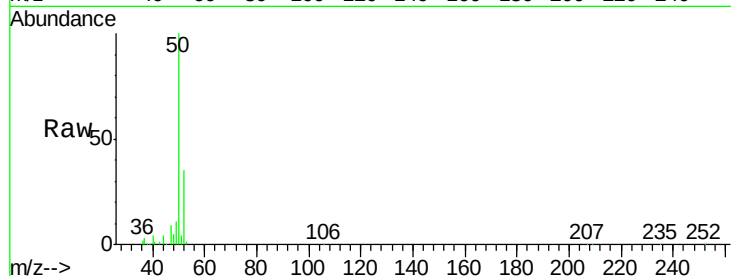
50 100

52 34.5 26.2 39.2

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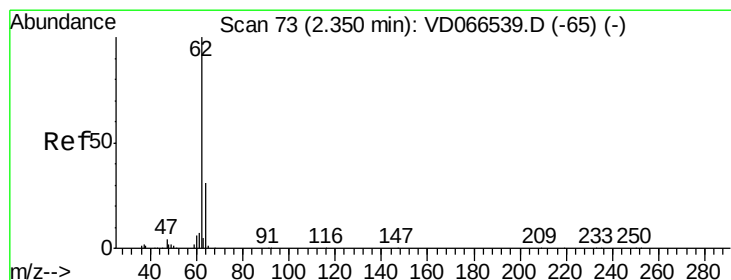
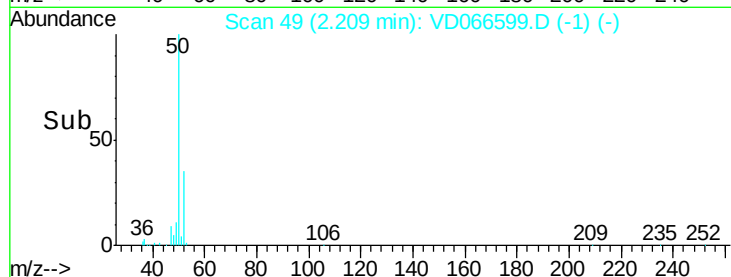
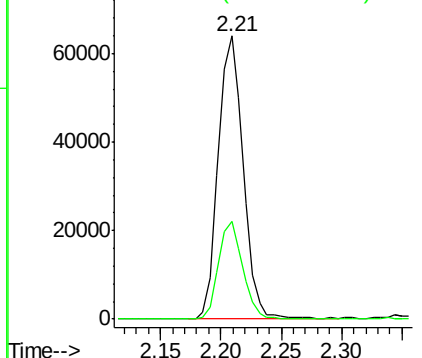
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.347 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066599.D

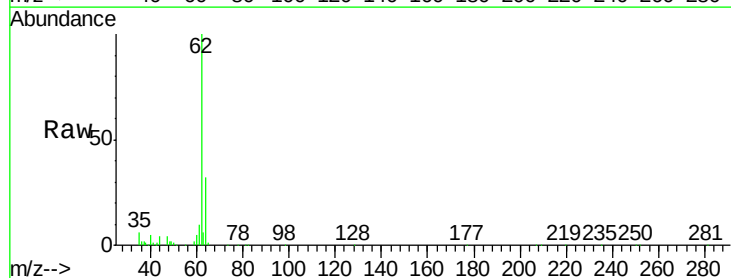
Acq: 10 Sep 2020 00:21

Tgt Ion: 62 Resp: 97888

Ion Ratio Lower Upper

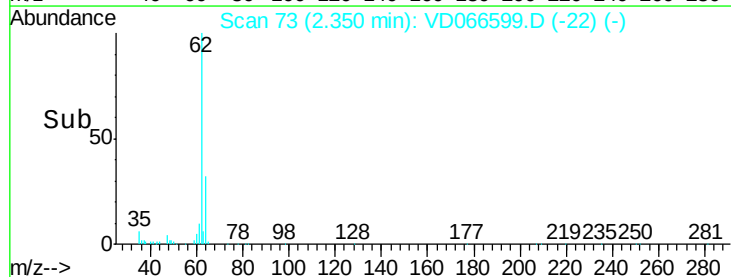
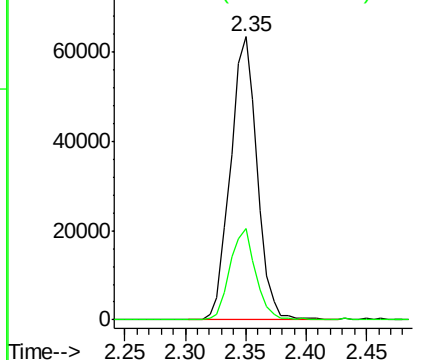
62 100

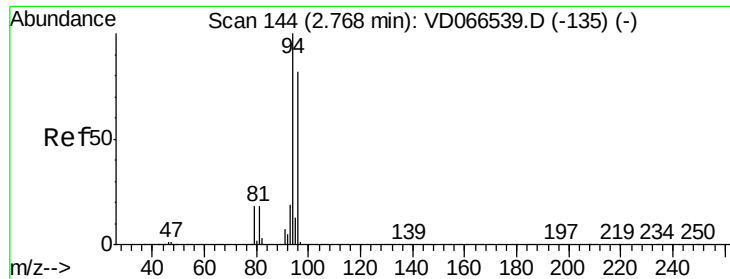
64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 23.641 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 94 Resp: 72111

Ion Ratio Lower Upper

94 100

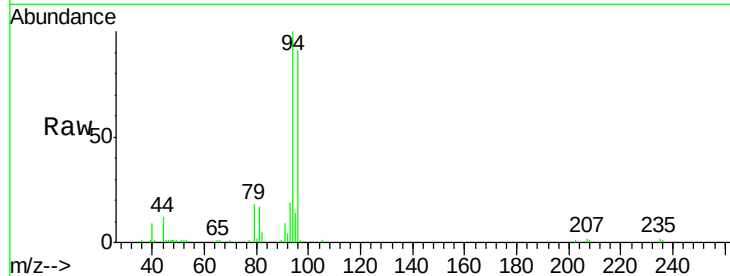
96 90.2 65.2 97.8

Manual Integrations

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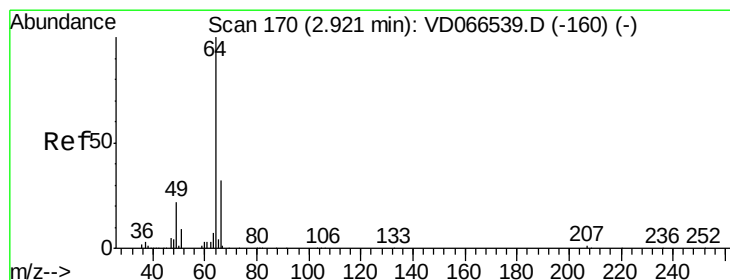
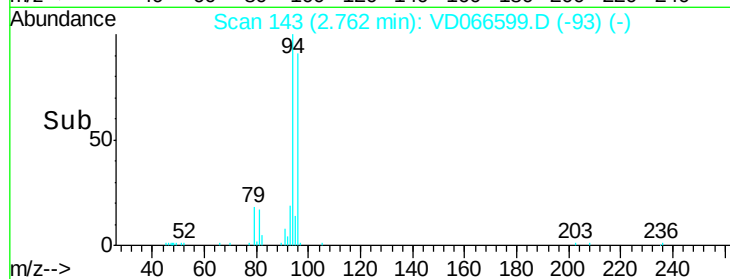
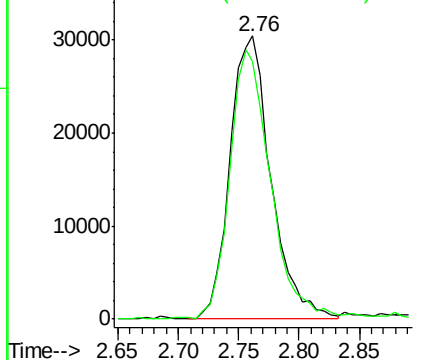
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.788 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066599.D

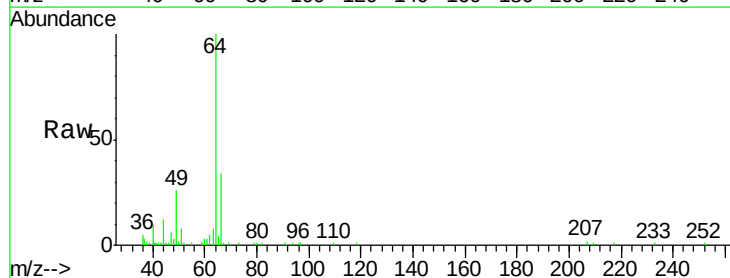
Acq: 10 Sep 2020 00:21

Tgt Ion: 64 Resp: 63402

Ion Ratio Lower Upper

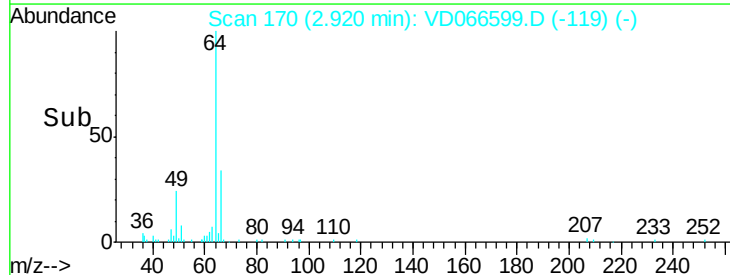
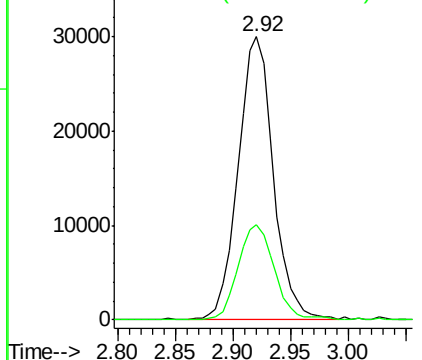
64 100

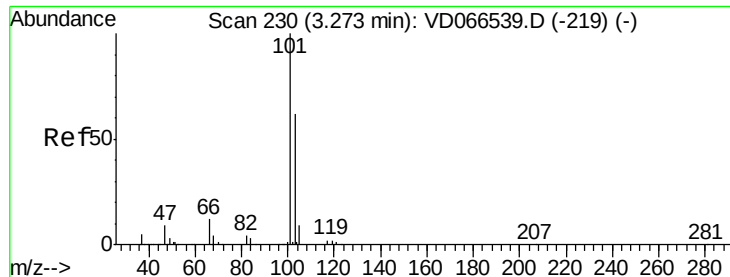
66 33.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

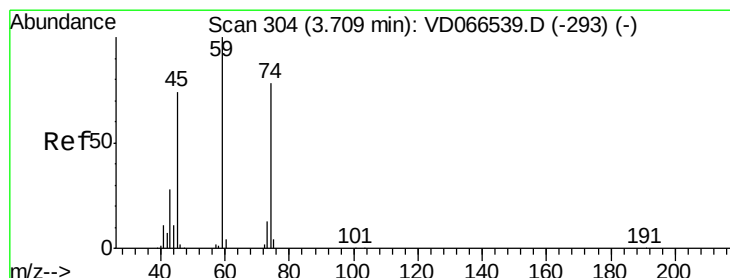
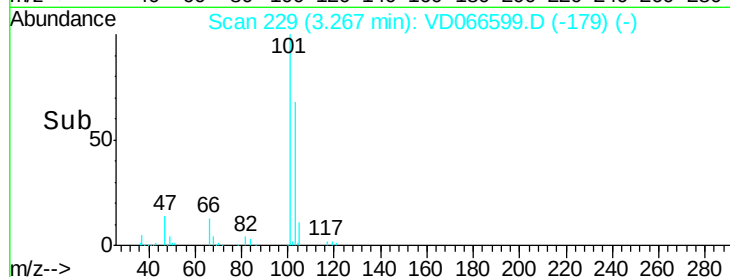
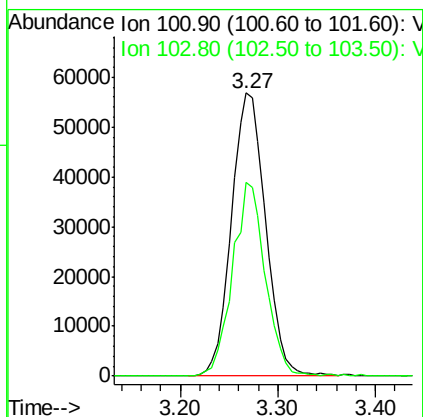
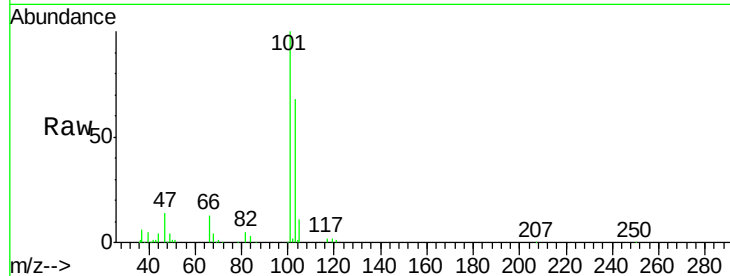
Trichlorofluoromethane
 Concen: 21.441 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	49.7	74.5

Manual Integrations
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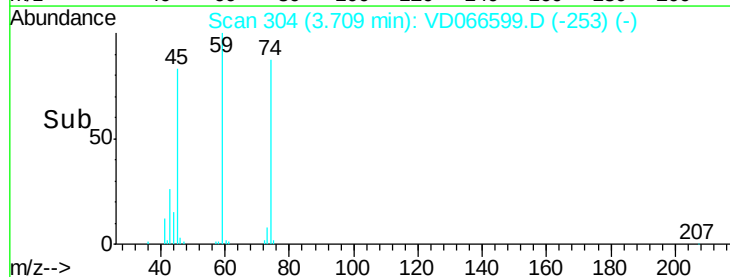
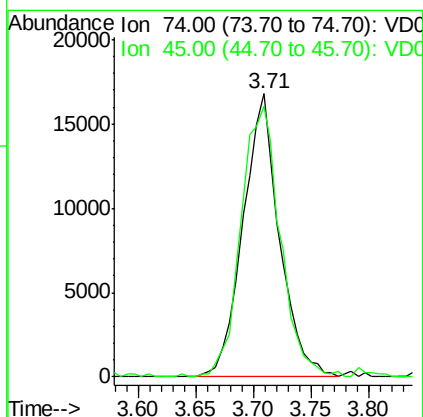
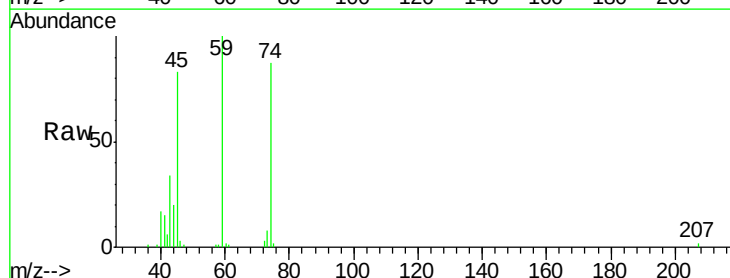
MMDadoda
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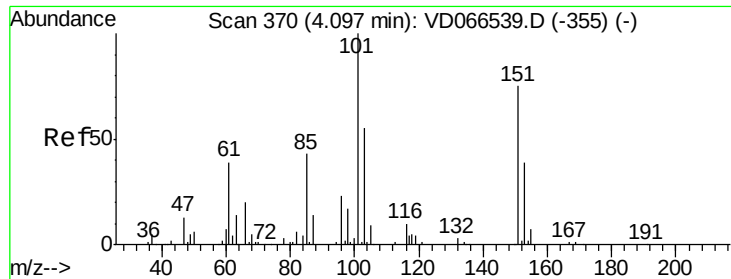


#8

Diethyl Ether
 Concen: 22.551 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.127 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066599.D

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Instrument :

MSVOA_D

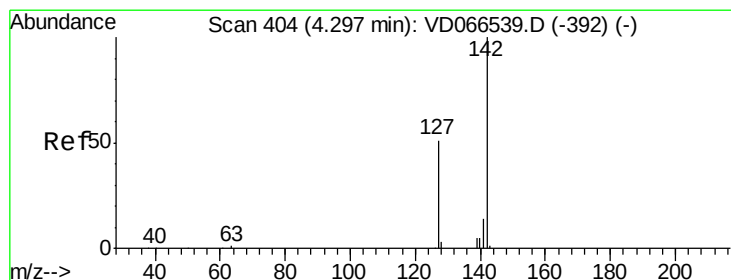
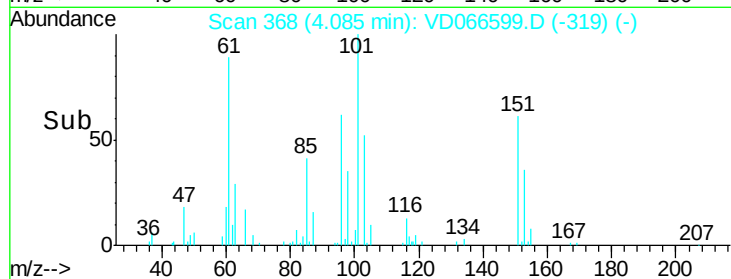
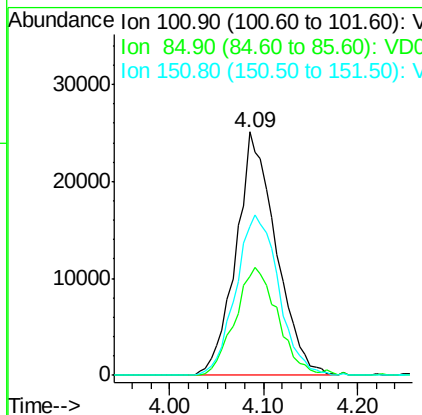
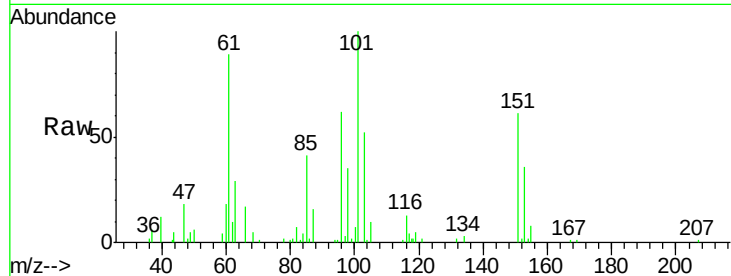
ClientSampleId :

VD0909SBS02

Tot Ion:	101	Resp:	73990
Ion Ratio	Lower	Upper	
101	100		
85	47.0	37.0	55.6
151	70.6	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 22.171 ug/l

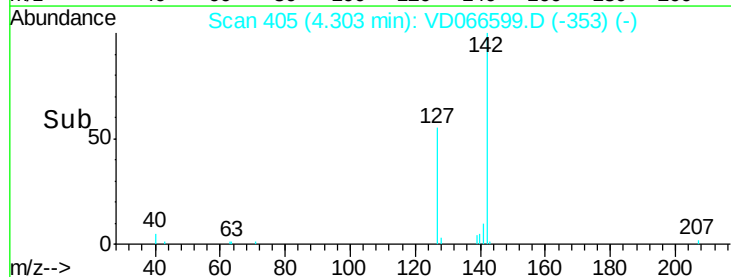
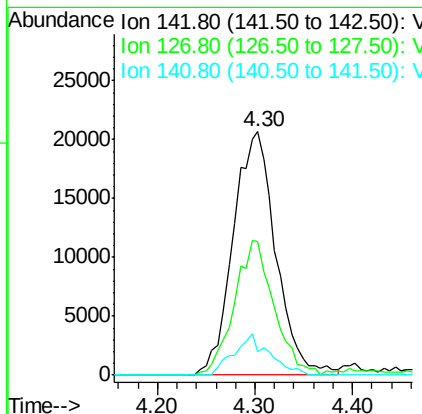
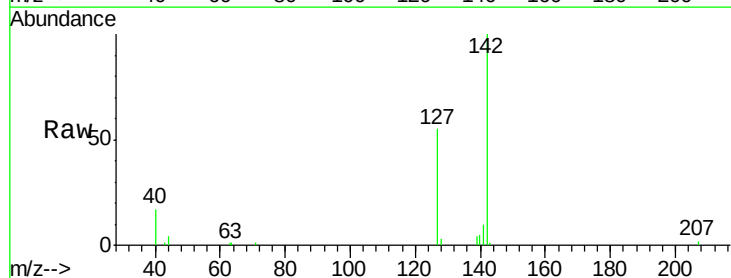
RT: 4.30 min Scan# 405

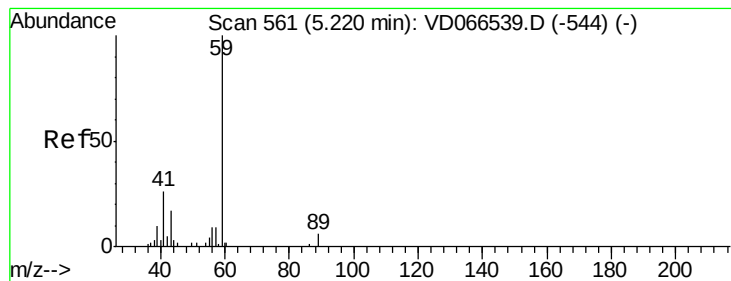
Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion:	142	Resp:	63044
Ion Ratio	Lower	Upper	
142	100		
127	51.5	40.6	61.0
141	14.0	12.2	18.4





#11

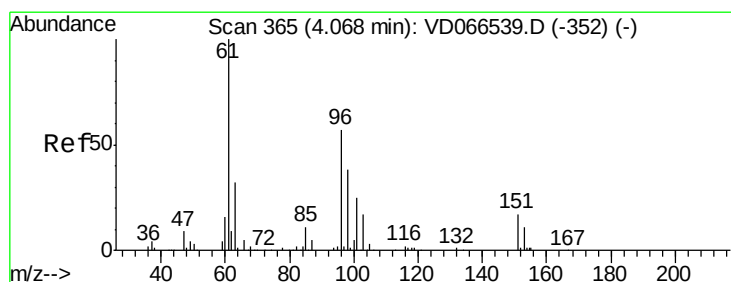
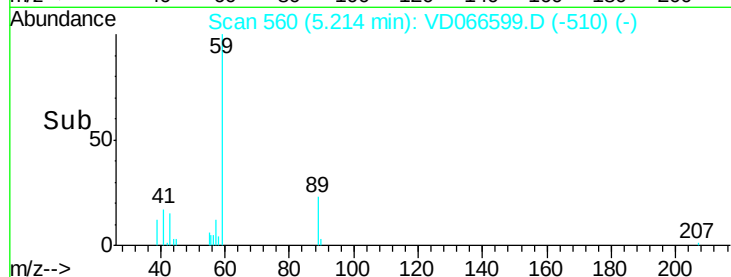
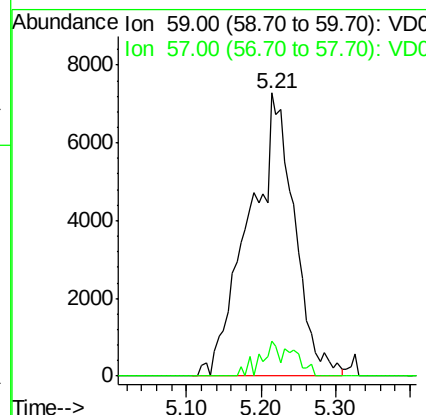
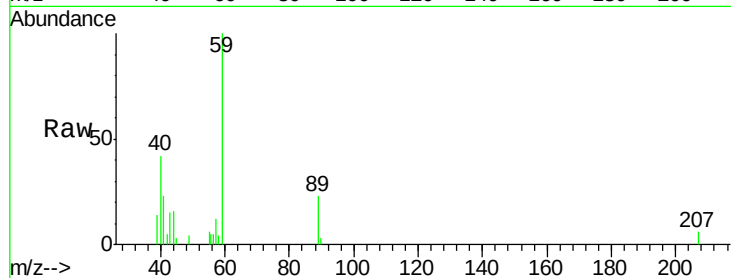
Tert butyl alcohol
Concen: 103.330 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	59	Resp	30718
Ion Ratio	100	Lower	Upper
57	4.8	7.6	11.4#

Manual Integrations
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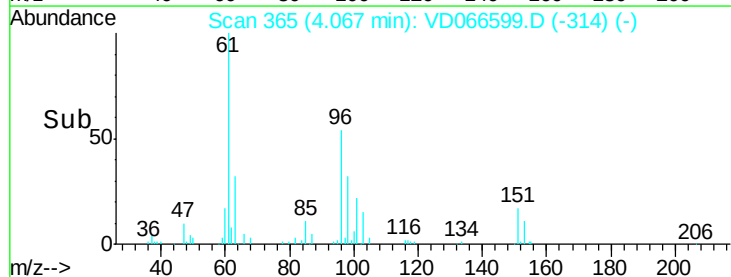
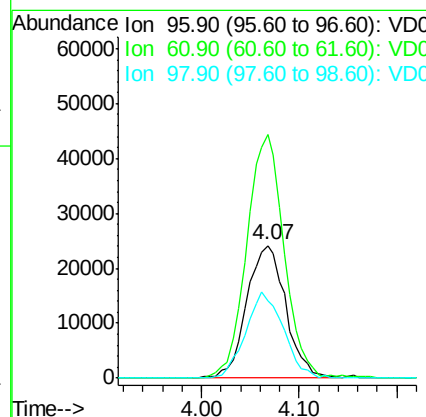
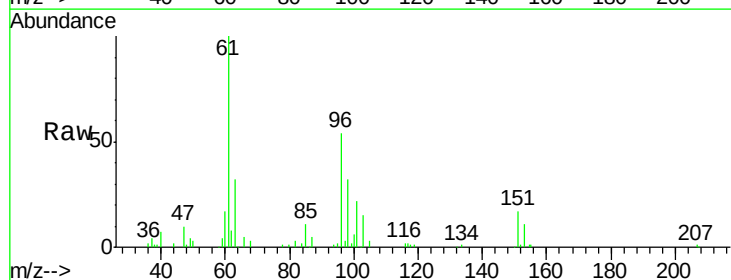
MMDadoda
9/10/2020 10:47:08 AM

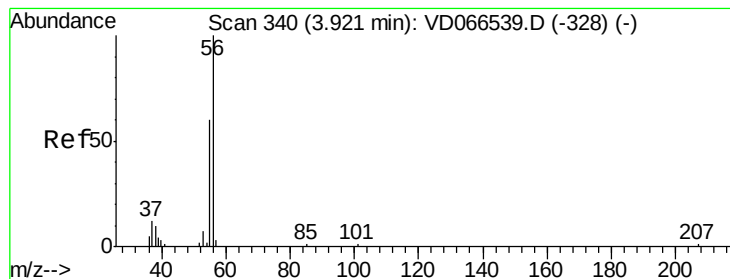


#12

1,1-Dichloroethene
Concen: 21.459 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	96	Resp	67519
Ion Ratio	100	Lower	Upper
61	184.1	140.9	211.3
98	58.6	53.2	79.8





#13

Acrolein

Concen: 93.802 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 56 Resp: 14492

Ion Ratio Lower Upper

56 100

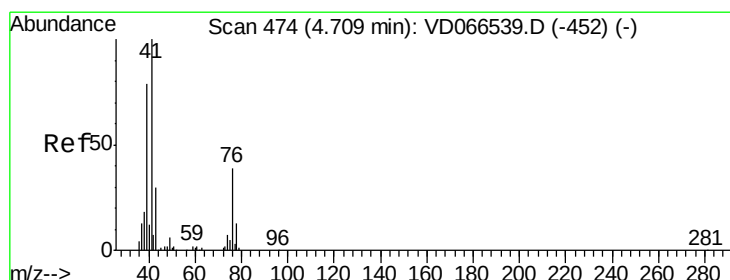
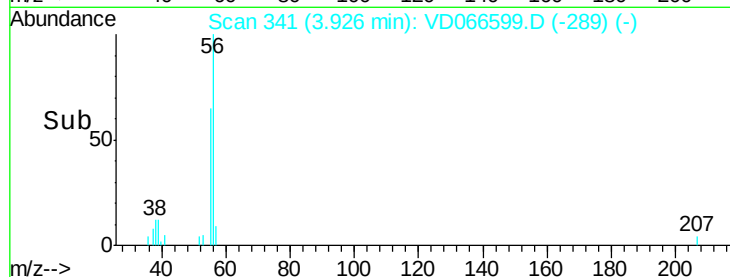
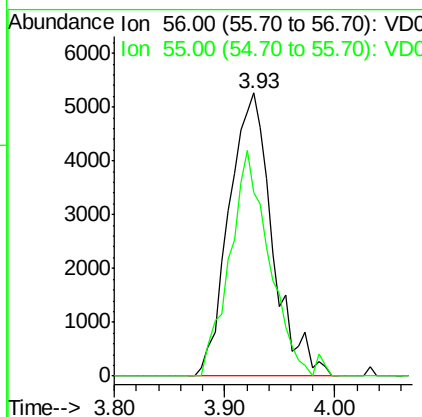
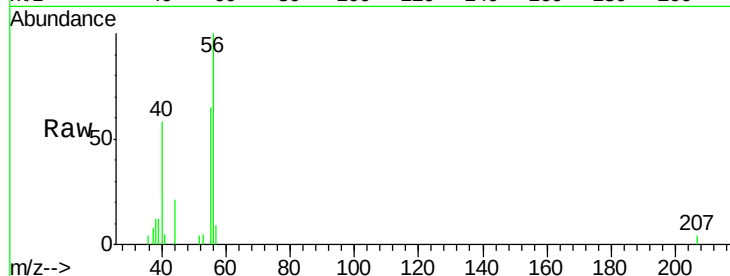
55 72.0 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 21.969 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

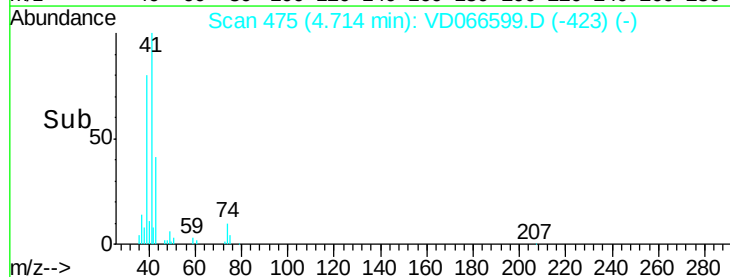
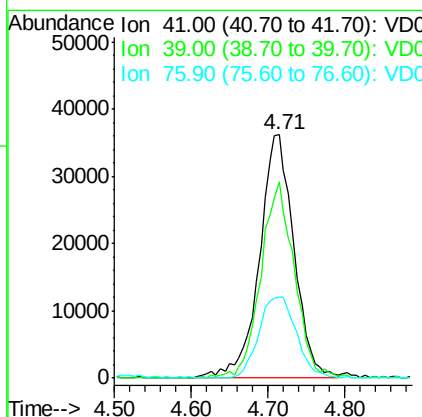
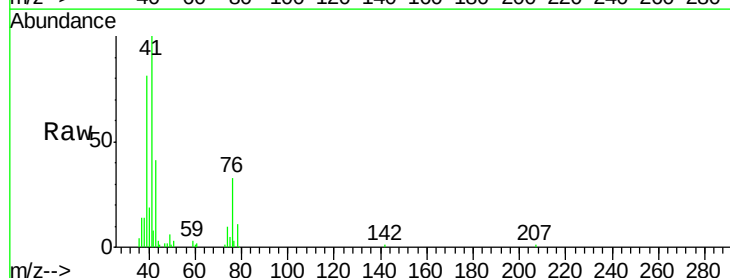
Tgt Ion: 41 Resp: 113283

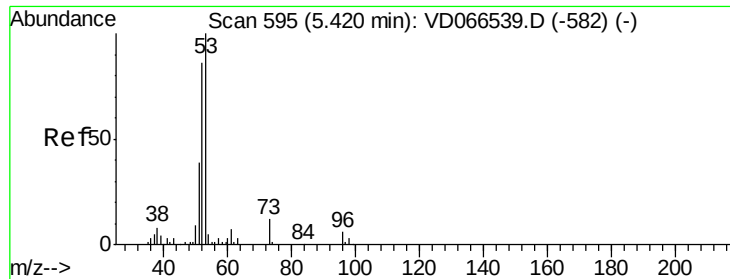
Ion Ratio Lower Upper

41 100

39 78.4 61.9 92.9

76 36.1 29.0 43.6





#15

Acrylonitrile

Concen: 116.695 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

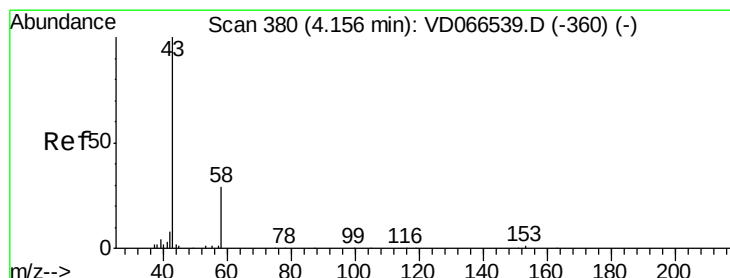
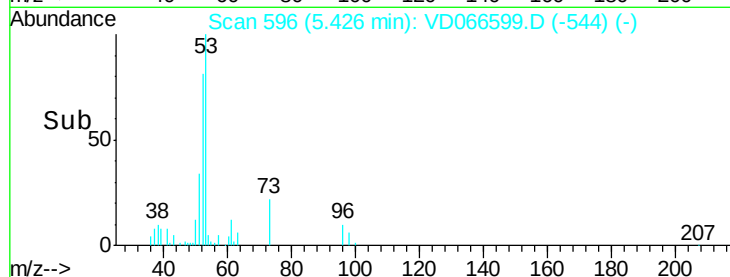
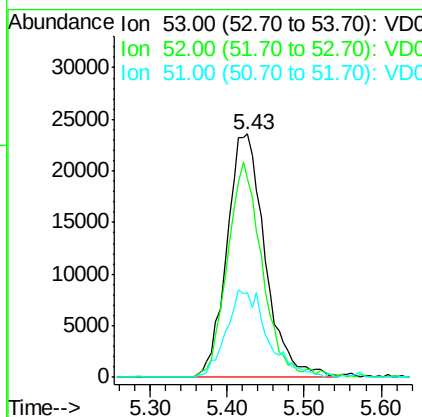
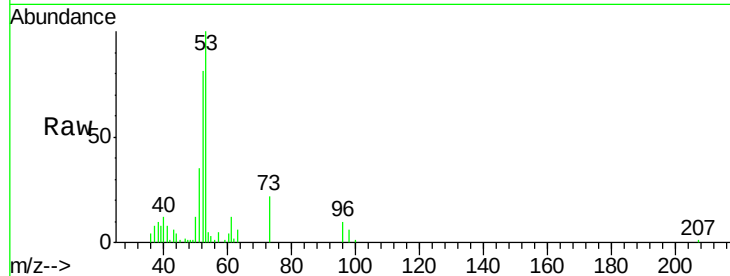
ClientSampleId :

VD0909SBS02

Tot Ion:	53	Resp:	81685
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.4	98.2
51	38.4	31.2	46.8

Manual Integrations
APPROVED

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#16

Acetone

Concen: 99.090 ug/l

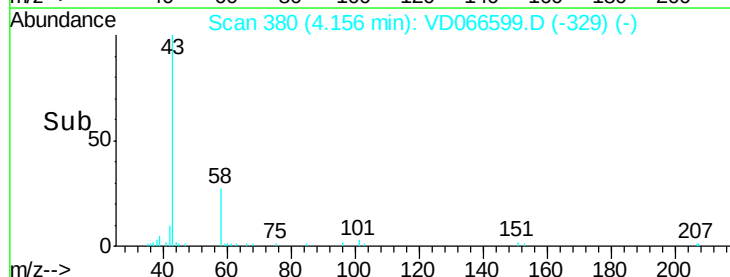
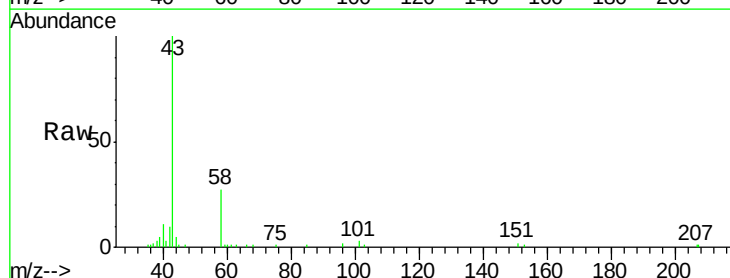
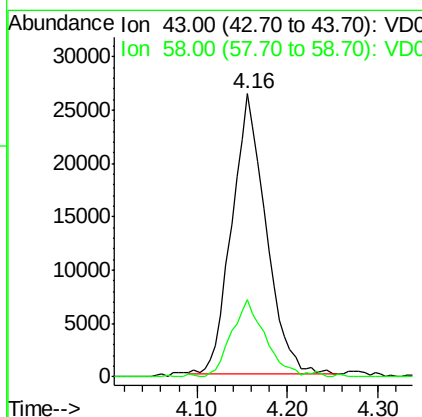
RT: 4.16 min Scan# 380

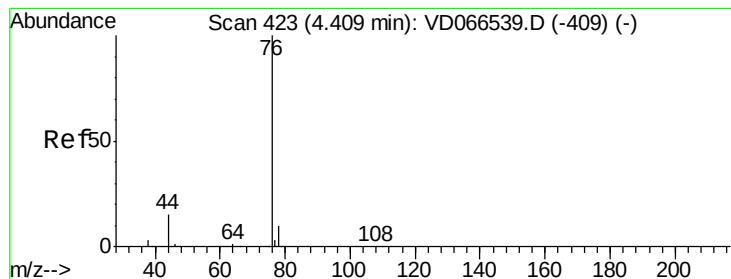
Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion:	43	Resp:	68890
Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.9	34.3





#17

Carbon Disulfide

Concen: 21.132 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 76 Resp: 218578

Ion Ratio Lower Upper

76 100

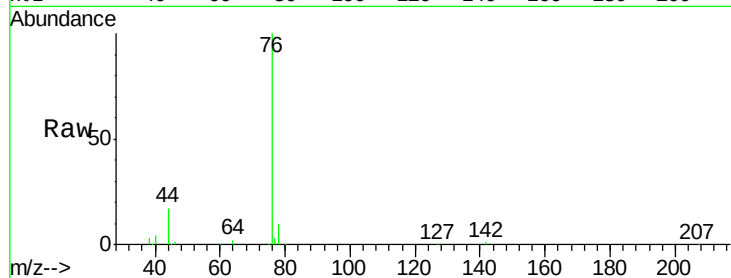
78 9.8 7.6 11.4

Manual Integrations

APPROVED

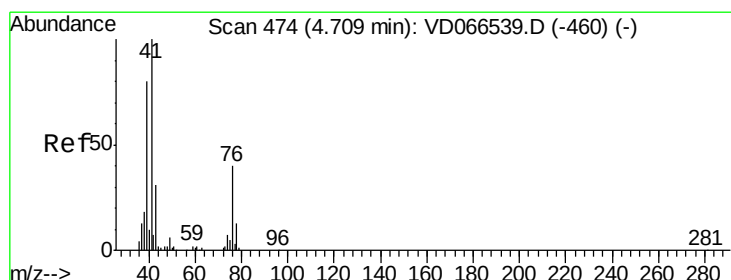
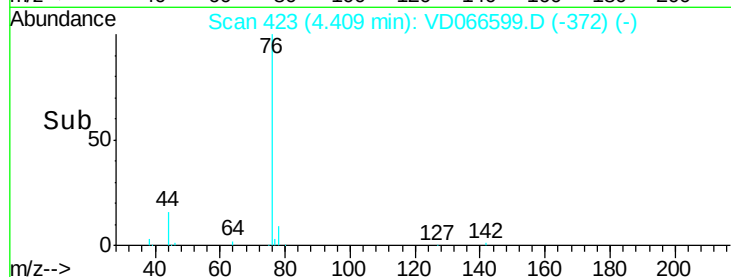
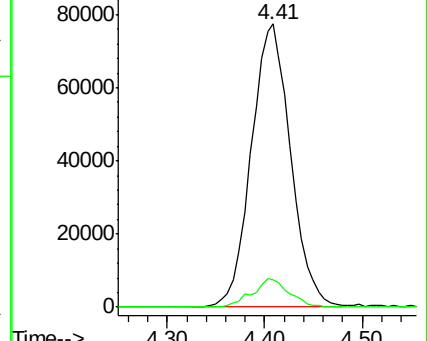
MMDadoda

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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: 26.925 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066599.D

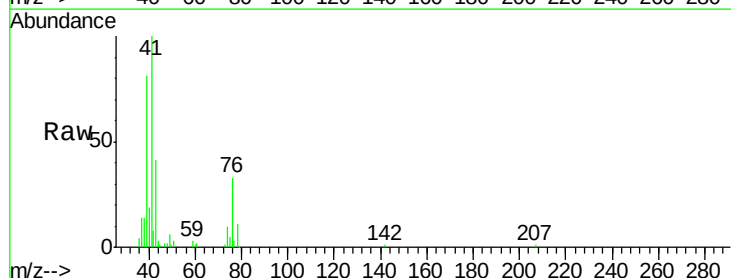
Acq: 10 Sep 2020 00:21

Tgt Ion: 43 Resp: 44622

Ion Ratio Lower Upper

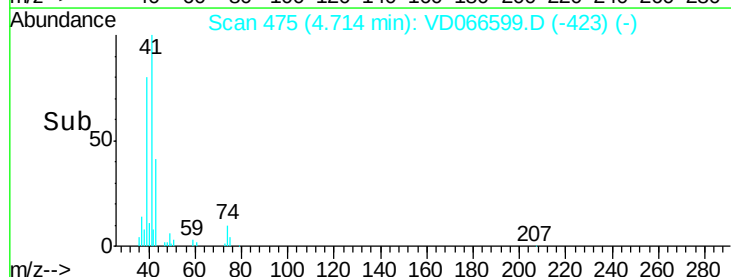
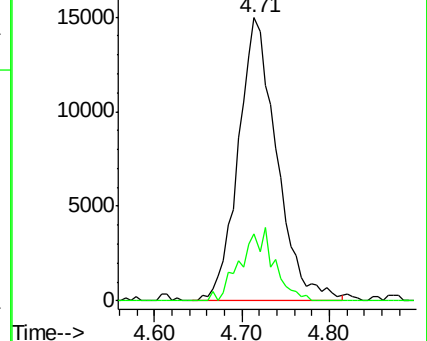
43 100

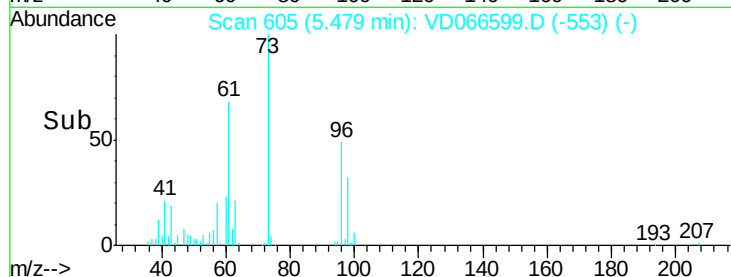
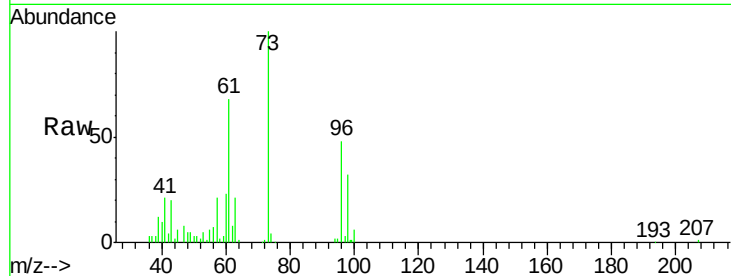
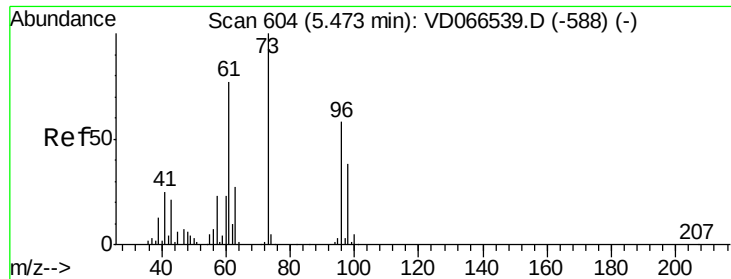
74 22.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





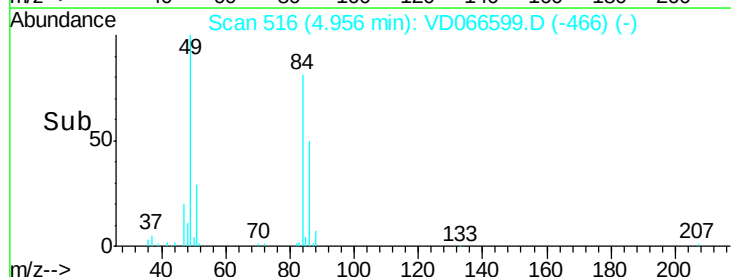
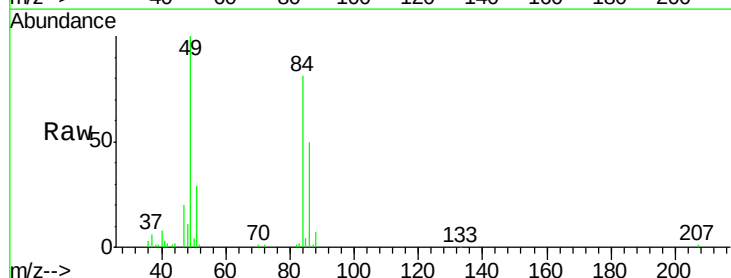
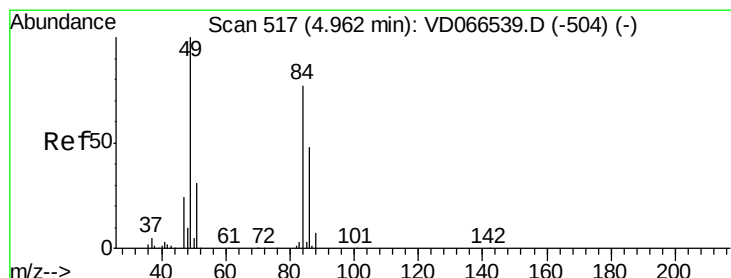
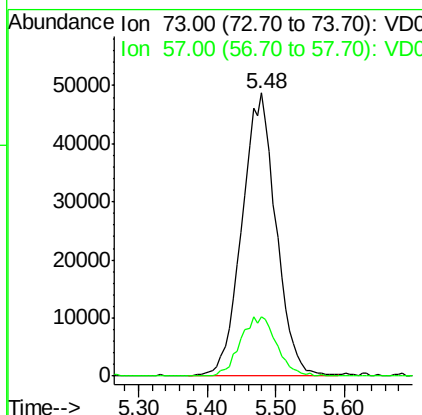
#19
Methyl tert-butyl Ether
Concen: 22.845 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tot Ion	73	Resp	168557
Ion Ratio	100	Lower	Upper
73	100	18.3	27.5
57	20.8		

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

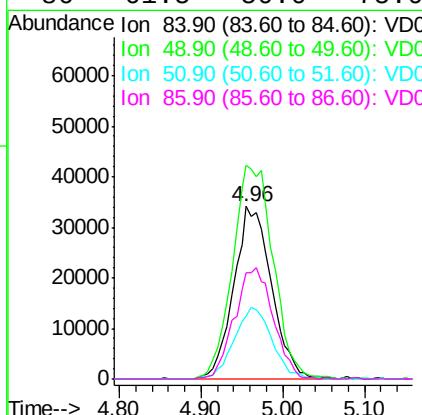
Manual Integrations
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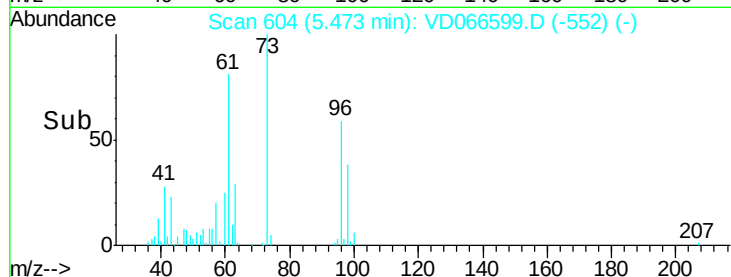
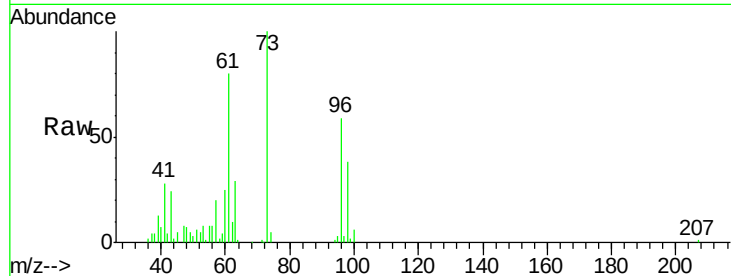
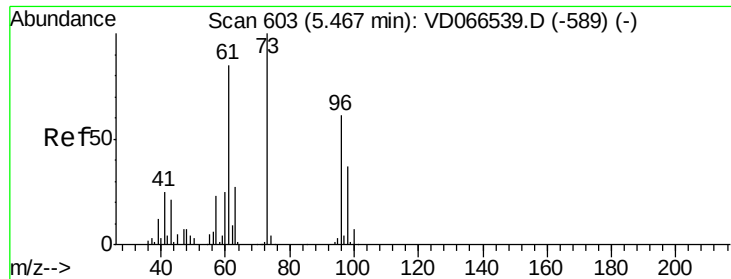
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#20
Methylene Chloride
Concen: 25.709 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	84	Resp	109590
Ion Ratio	100	Lower	Upper
84	100	104.3	156.5
49	123.7	32.2	48.4
51	36.3	50.0	75.0
86	61.5		





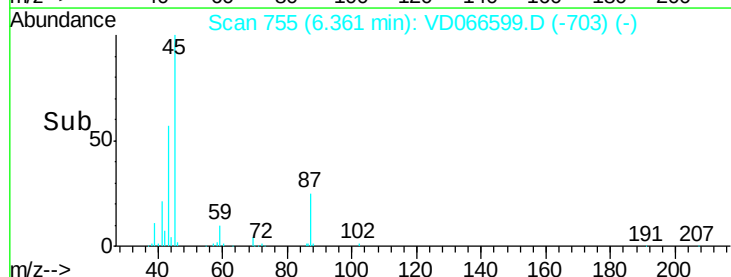
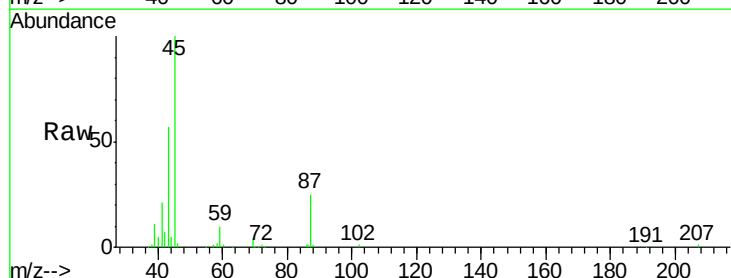
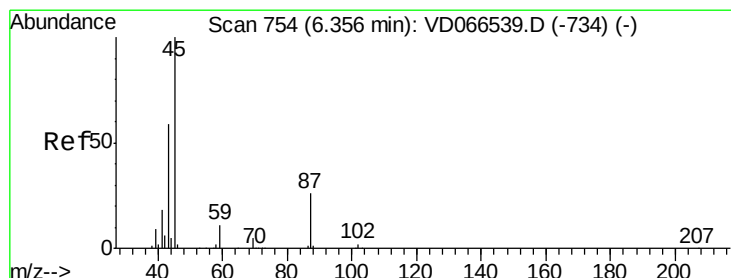
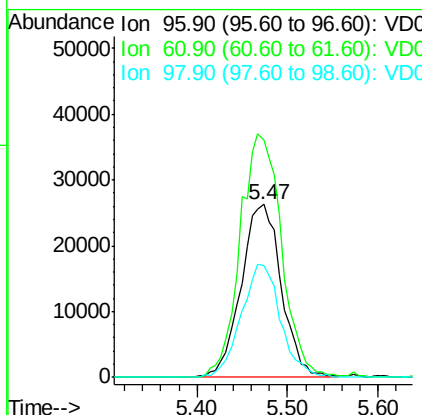
#21
trans-1,2-Dichloroethene
Concen: 21.655 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	112.1	168.1
98	64.8	48.6	72.8

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

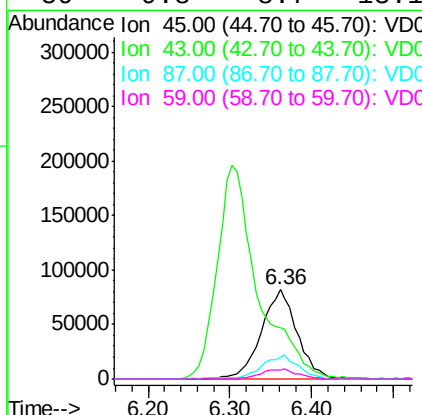
Manual Integrations
APPROVED

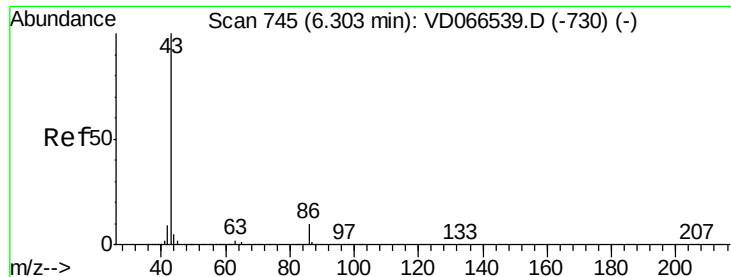
MMDadoda
9/10/2020 10:47:08 AM



#22
Diisopropyl ether
Concen: 23.561 ug/l
RT: 6.36 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.9	47.0	70.4
87	24.0	21.3	31.9
59	9.8	8.7	13.1





#23

Vinyl Acetate

Concen: 113.179 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 43 Resp: 682969

Ion Ratio Lower Upper

43 100

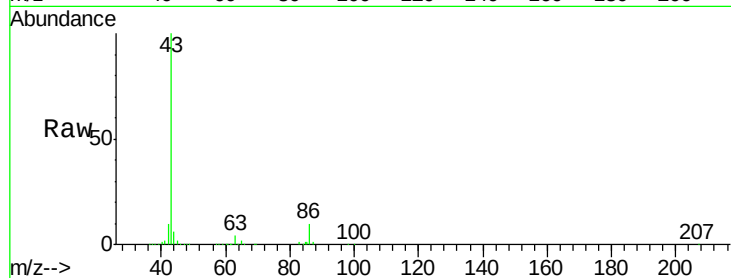
86 10.3 7.7 11.5

Manual Integrations

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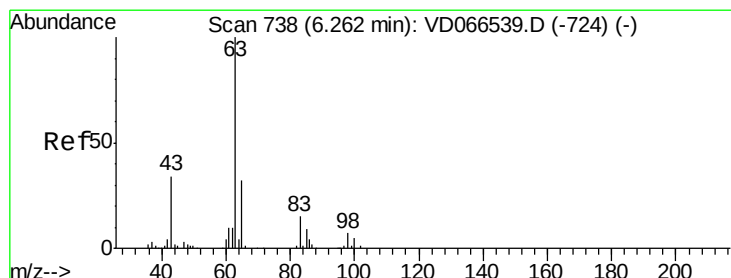
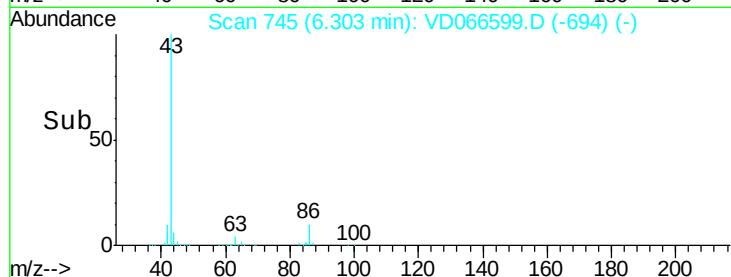
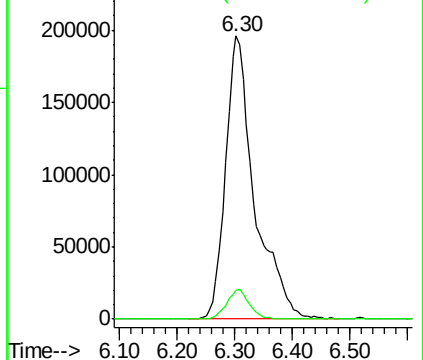
MMDadoda

9/10/2020 10:47:08 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.510 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

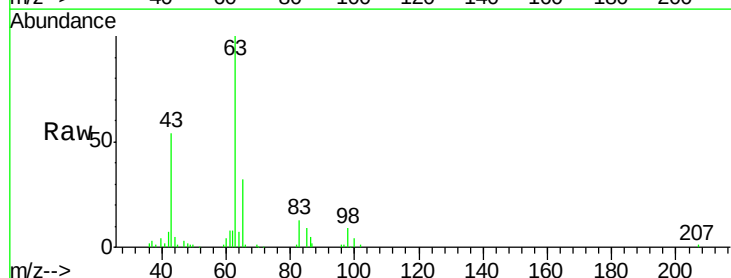
Tgt Ion: 63 Resp: 150108

Ion Ratio Lower Upper

63 100

98 8.5 3.4 10.1

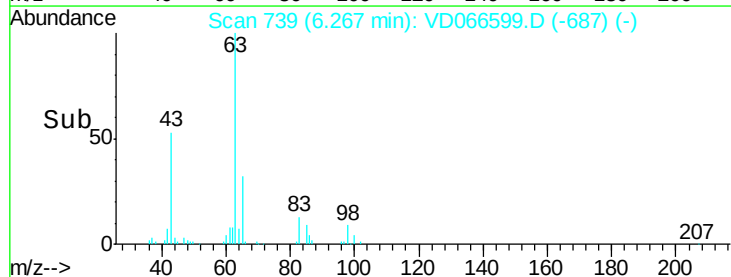
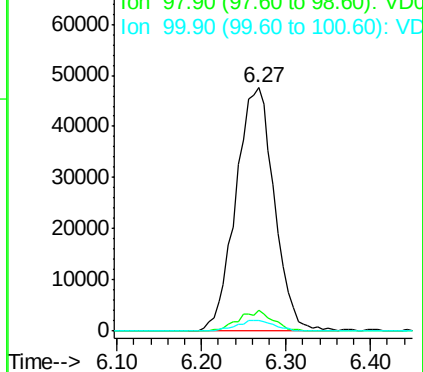
100 4.4 2.5 7.4

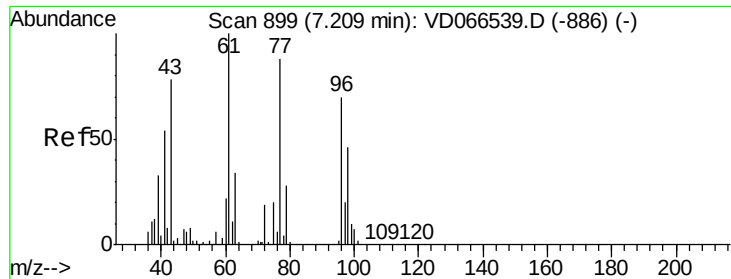


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





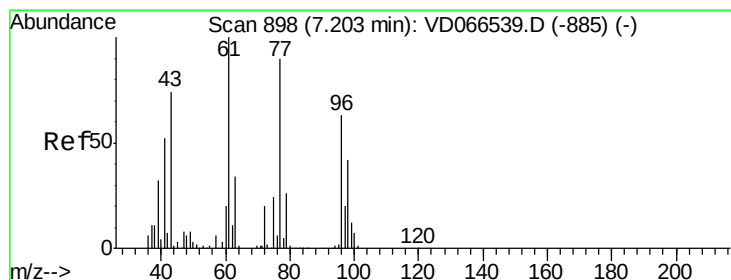
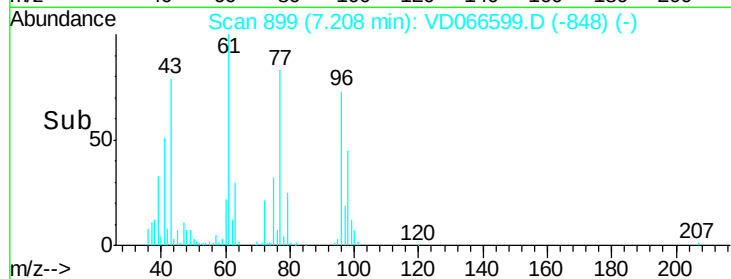
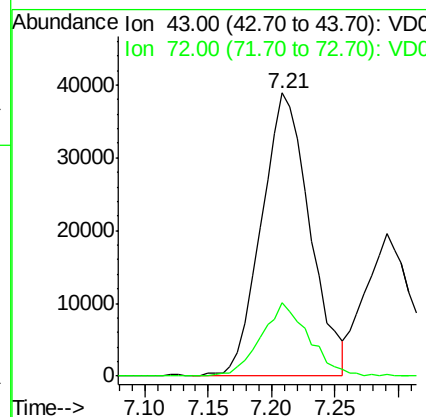
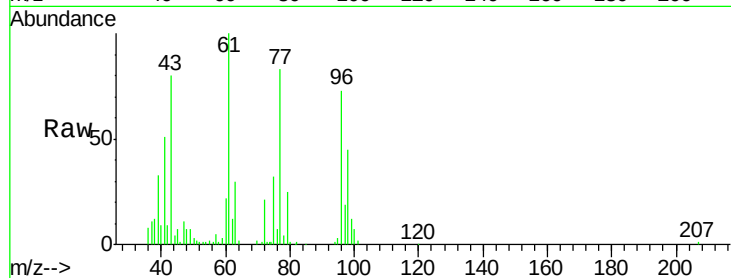
#25
2-Butanone
Concen: 110.540 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion: 43 Resp: 103163
Ion Ratio Lower Upper
43 100
72 25.8 19.8 29.6

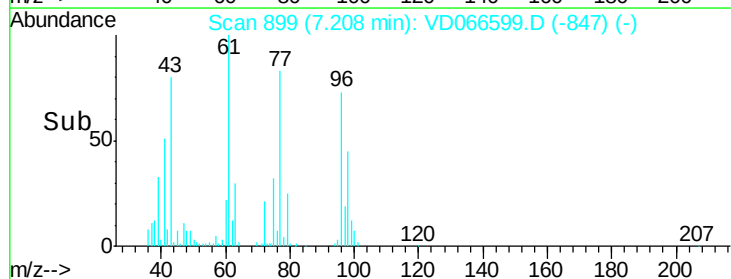
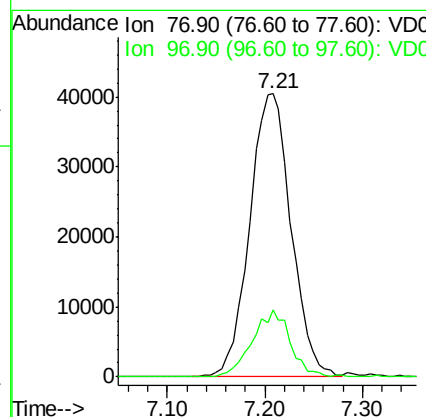
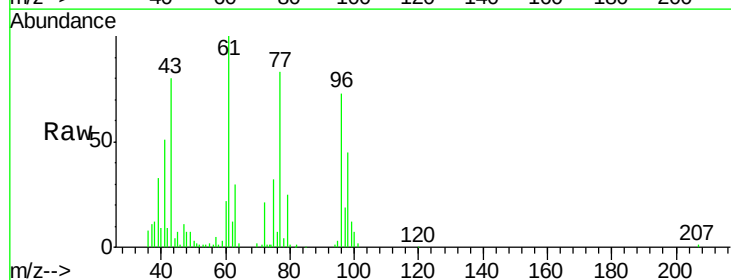
Manual Integrations
APPROVED

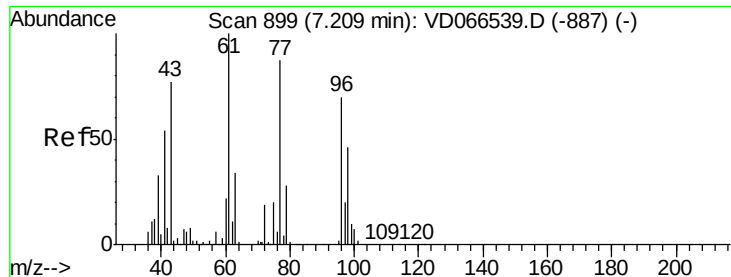
MMDadoda
9/10/2020 10:47:08 AM



#26
2,2-Dichloropropane
Concen: 19.650 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 77 Resp: 120196
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

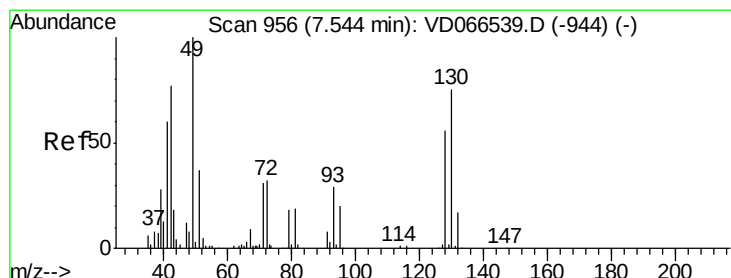
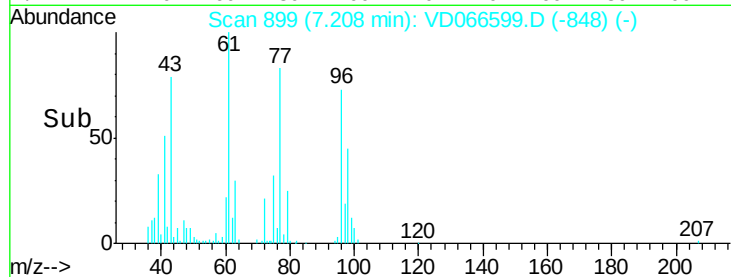
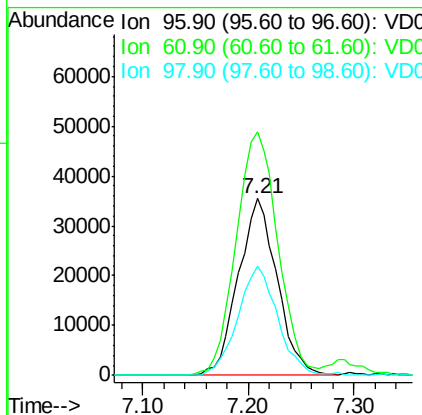
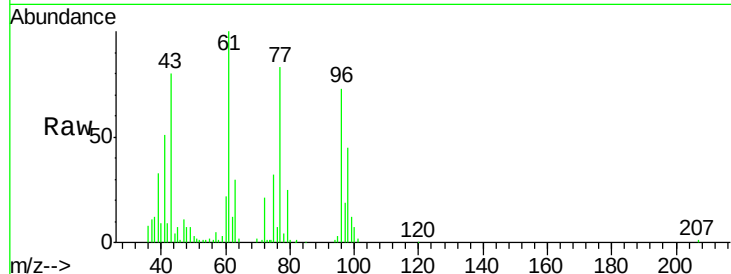
cis-1,2-Dichloroethene
Concen: 22.534 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	301.0
98	62.8	0.0	129.8

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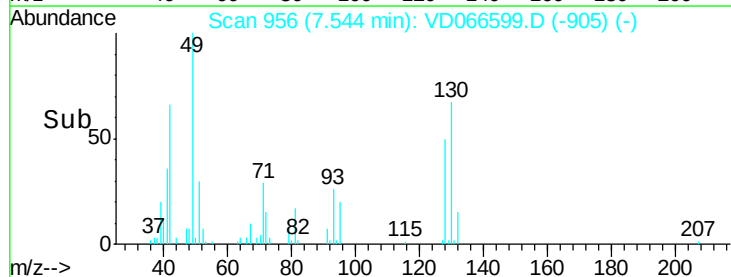
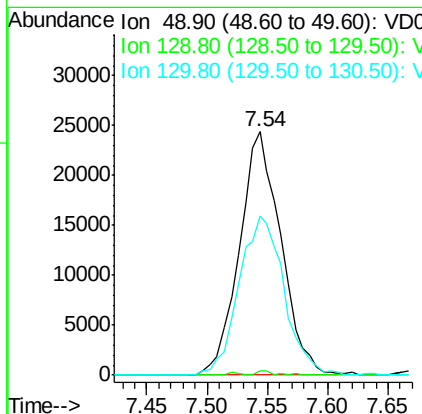
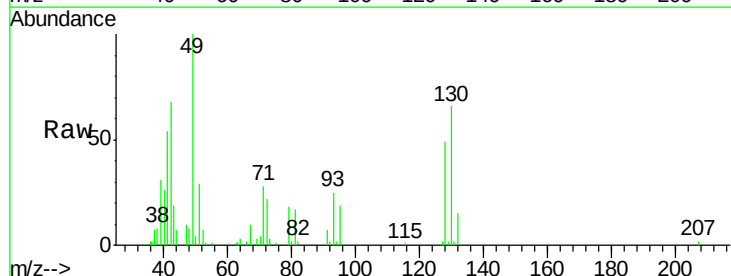
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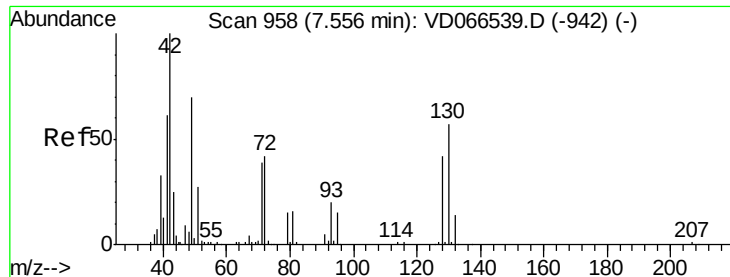


#28

Bromochloromethane
Concen: 22.604 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.6
130	71.2	58.2	87.2





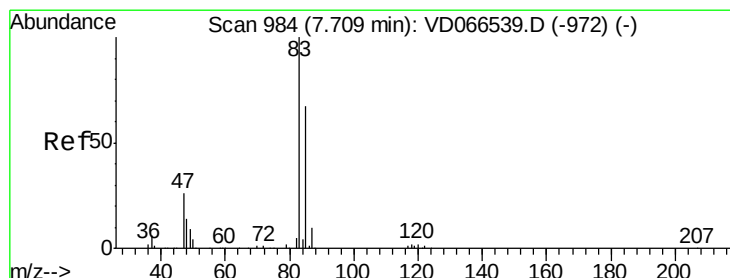
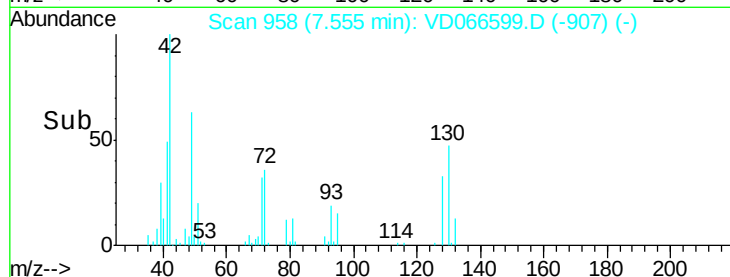
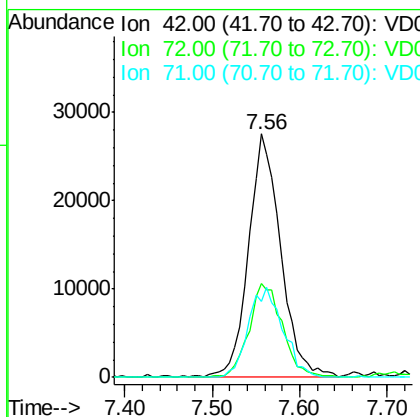
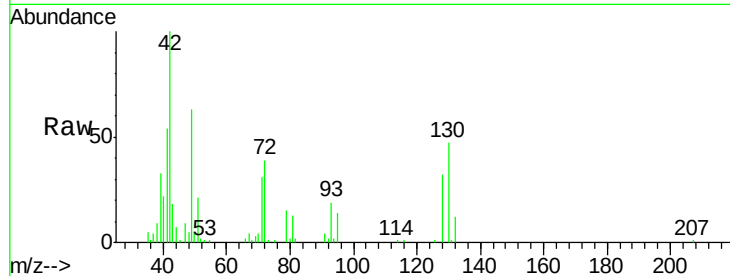
#29
Tetrahydrofuran
Concen: 118.707 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	33.4	50.0
71	39.4	31.9	47.9

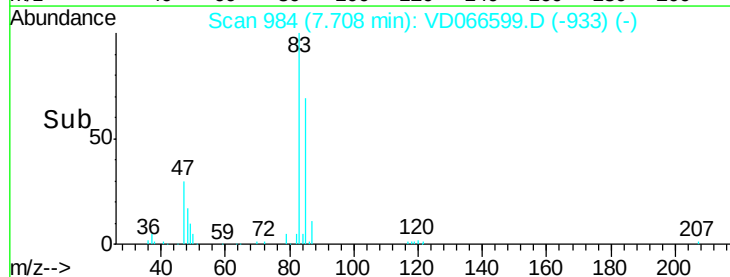
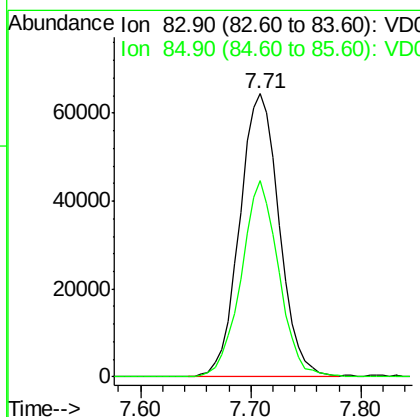
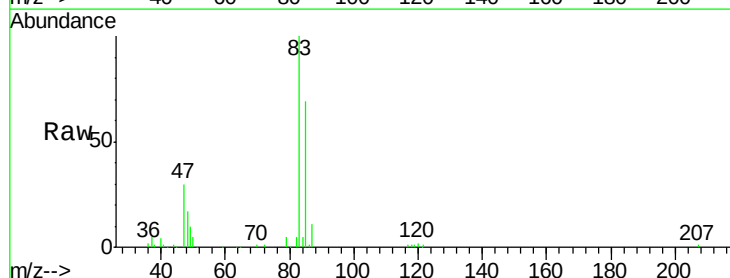
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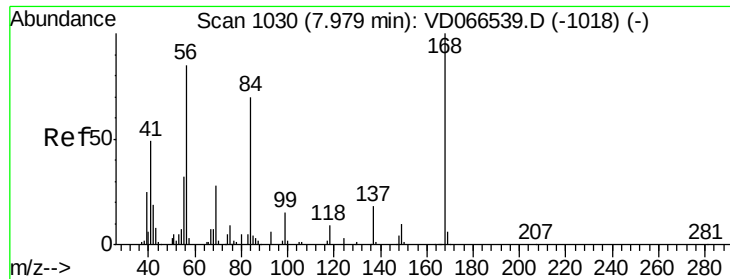
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9/10/2020 10:47:08 AM



#30
Chloroform
Concen: 22.972 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.4	53.6	80.4





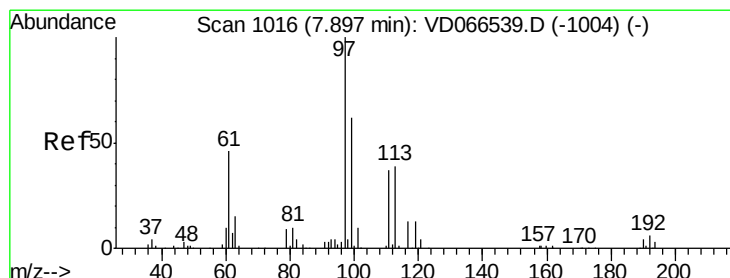
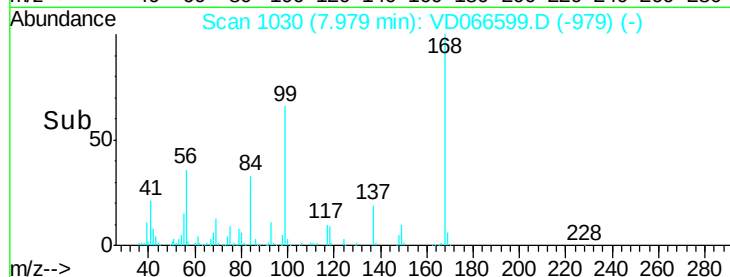
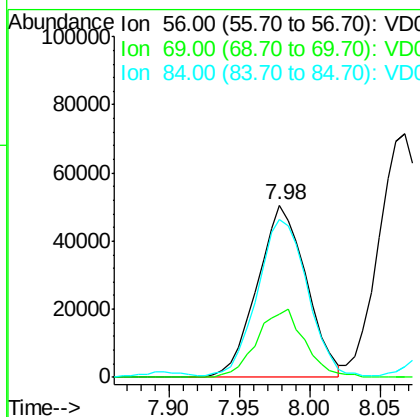
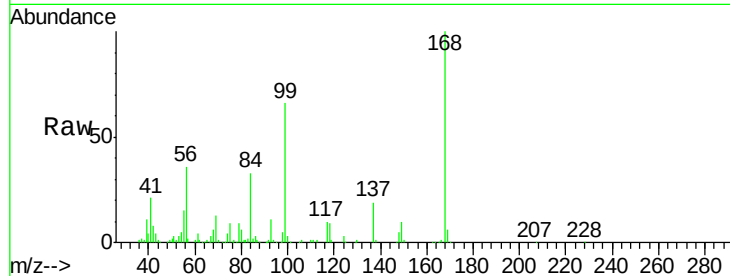
#31
Cyclohexane
Concen: 19.913 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		122746		
69	36.5	26.3	39.5		
84	90.0	66.1	99.1		

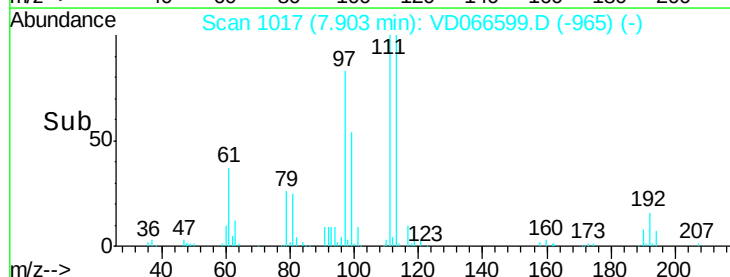
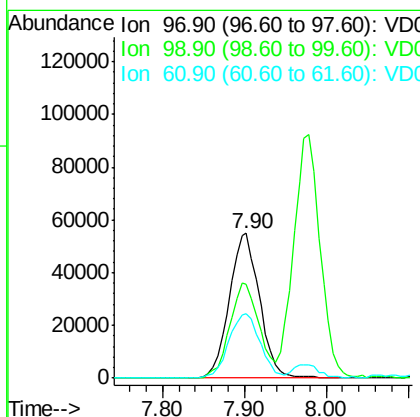
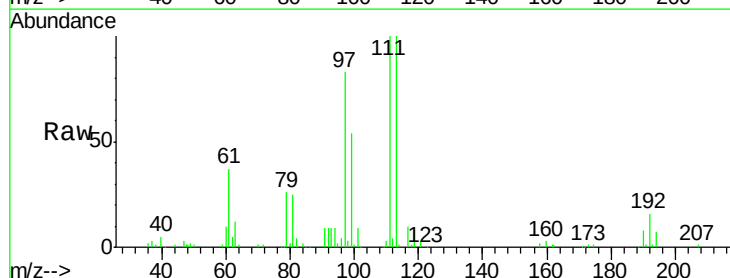
Manual Integrations
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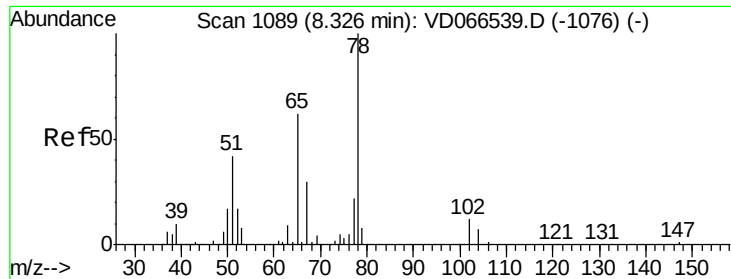
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#32
1,1,1-Trichloroethane
Concen: 21.283 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		141165		
99	64.0	51.4	77.0		
61	46.3	37.4	56.0		





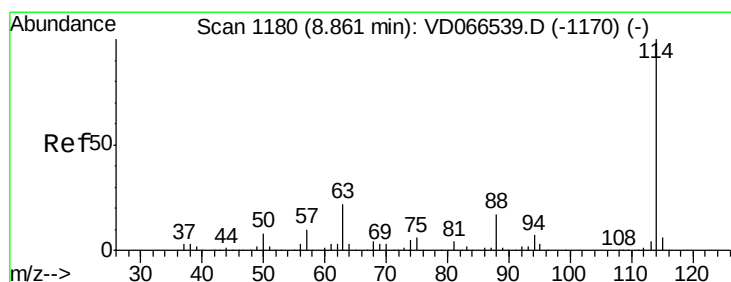
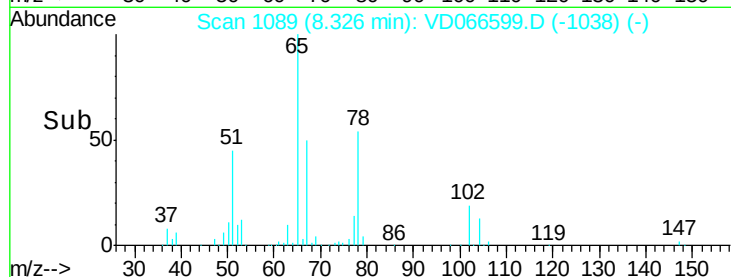
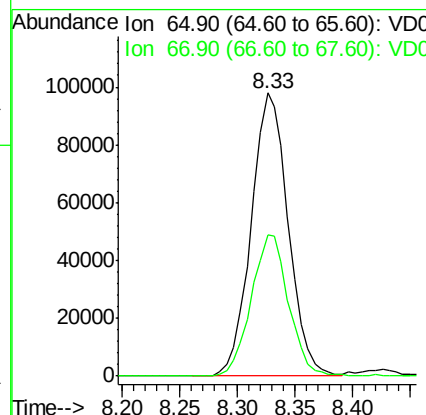
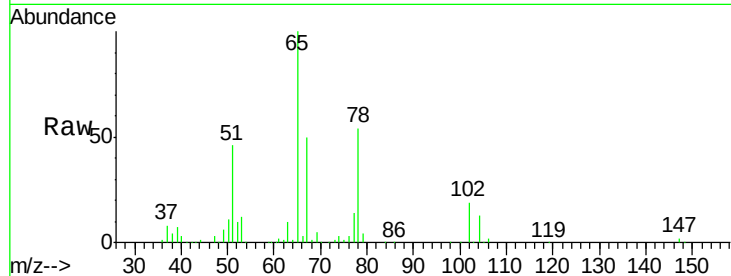
#33
 1,2-Dichloroethane-d4
 Concen: 57.950 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218964		
67	50.5	0.0	102.8	

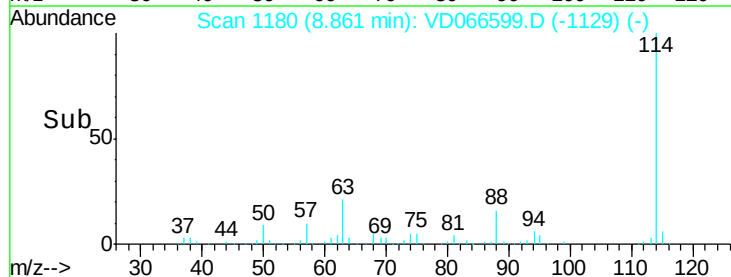
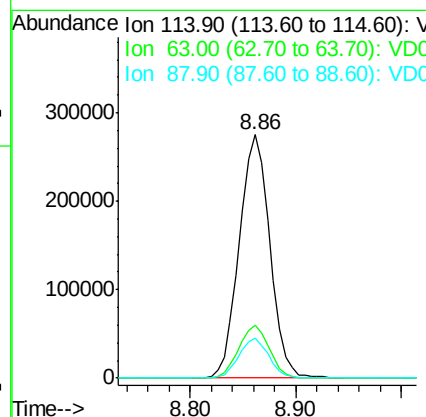
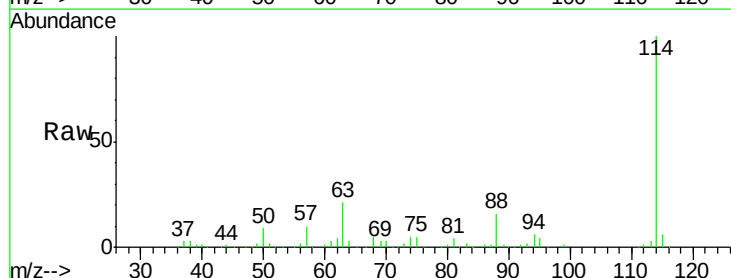
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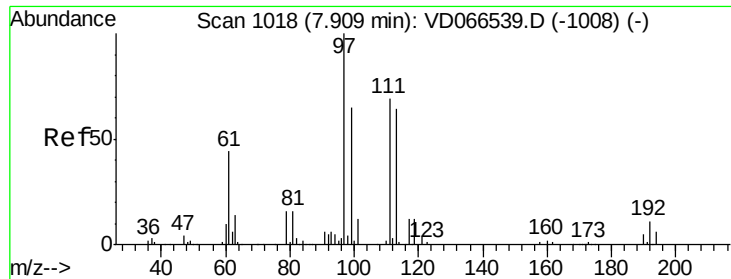
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	553296		
63	21.5	0.0	43.2	
88	16.3	0.0	33.2	





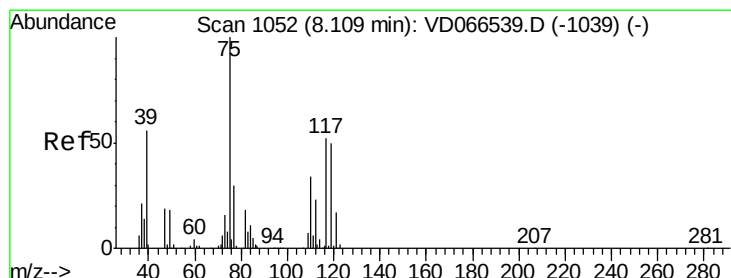
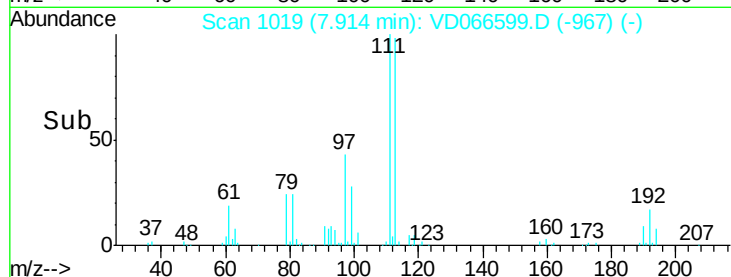
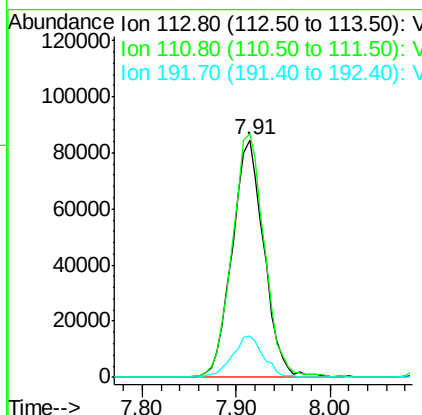
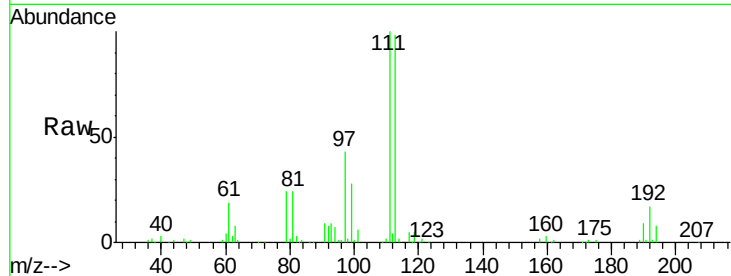
#35
 Dibromofluoromethane
 Concen: 53.160 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	198425		
111	104.3	83.2	124.8	
192	17.1	13.7	20.5	

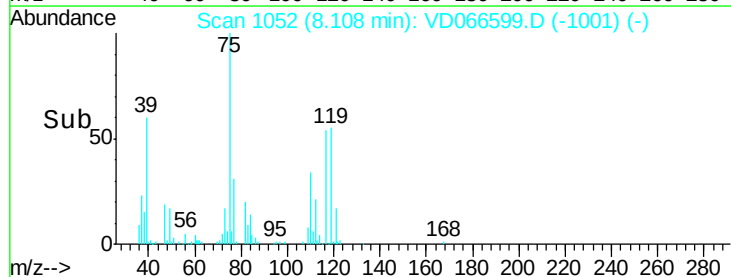
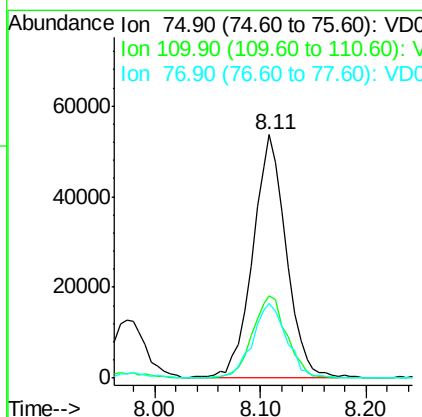
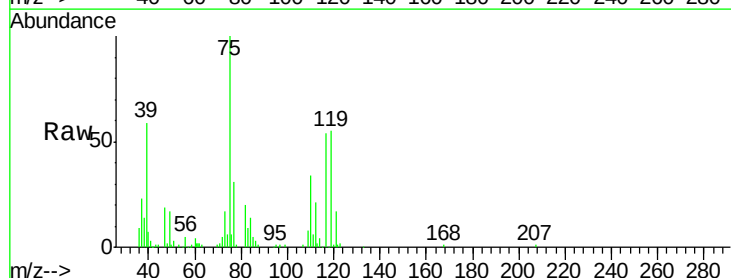
Manual Integrations
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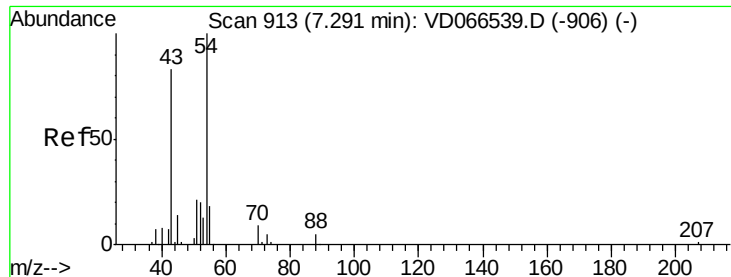
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#36
 1,1-Dichloropropene
 Concen: 20.564 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118408		
110	34.5	17.3	52.0	
77	31.4	25.1	37.7	





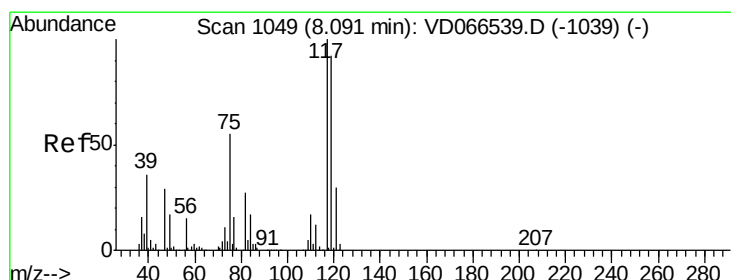
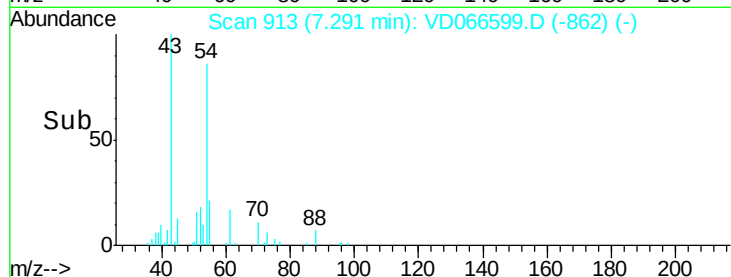
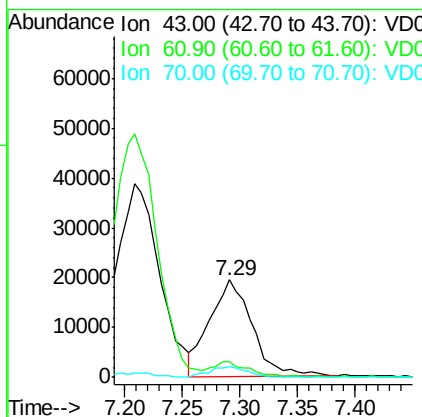
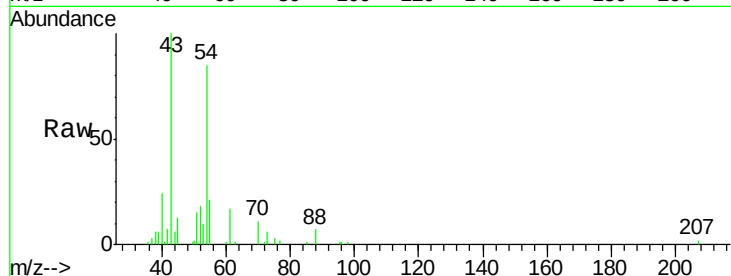
#37
Ethyl Acetate
Concen: 21.456 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.8
70	9.7	7.9	11.9

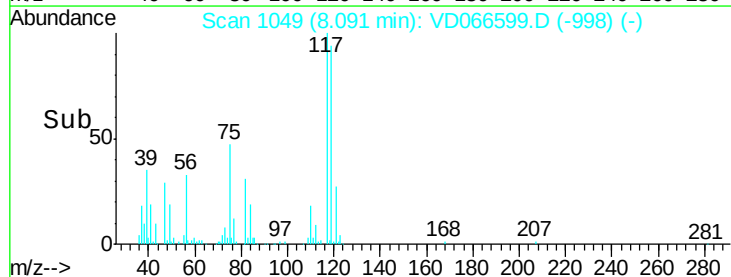
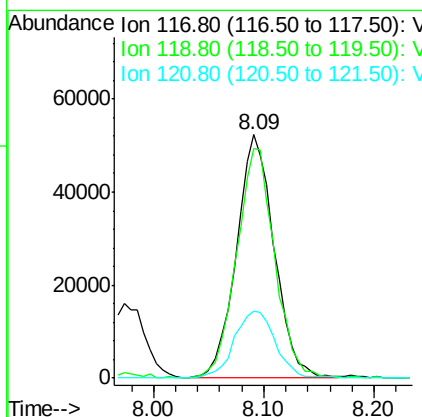
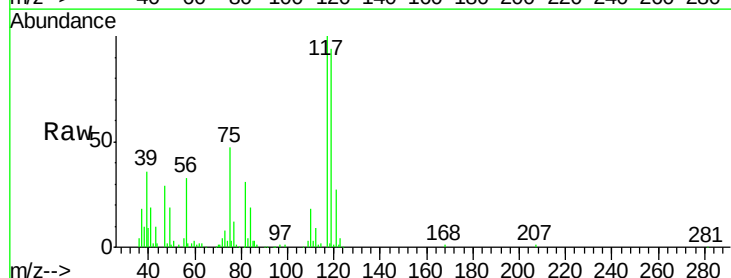
Manual Integrations
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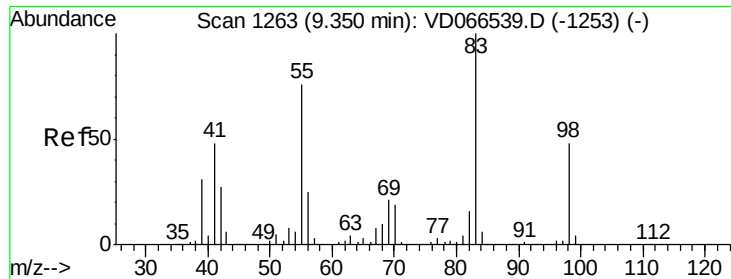
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#38
Carbon Tetrachloride
Concen: 20.454 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.9	110.9
121	27.6	24.1	36.1





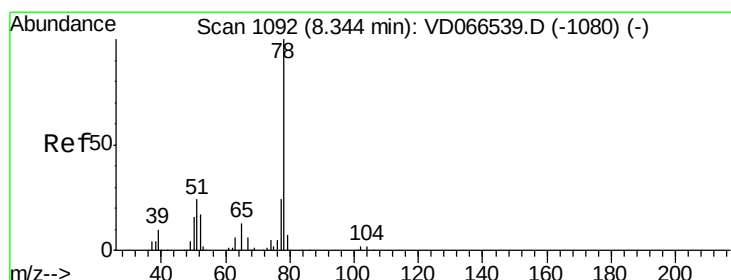
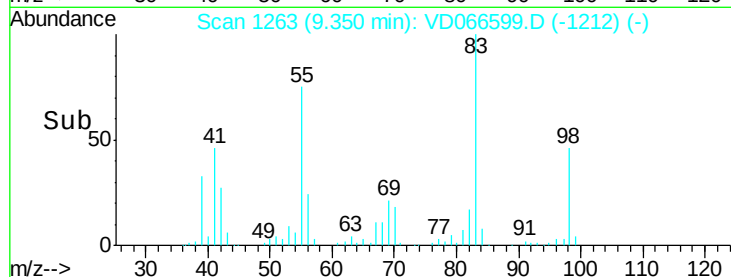
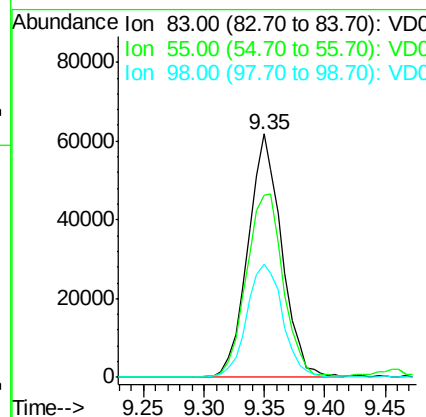
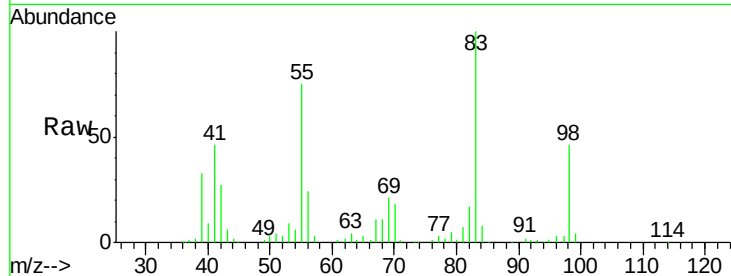
#39
Methylvlcyclohexane
Concen: 18.745 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.8	91.2
98	46.2	38.6	58.0

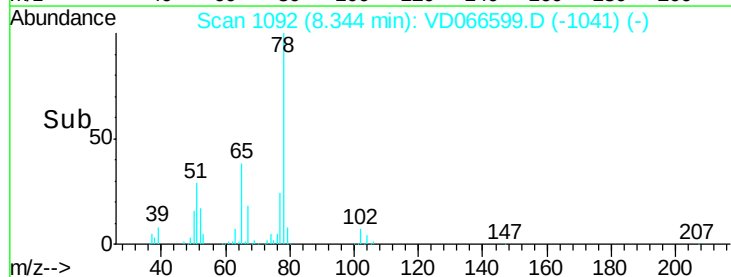
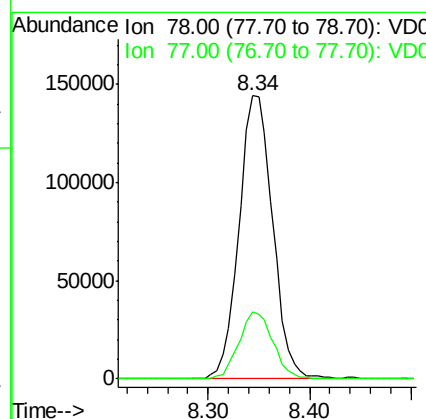
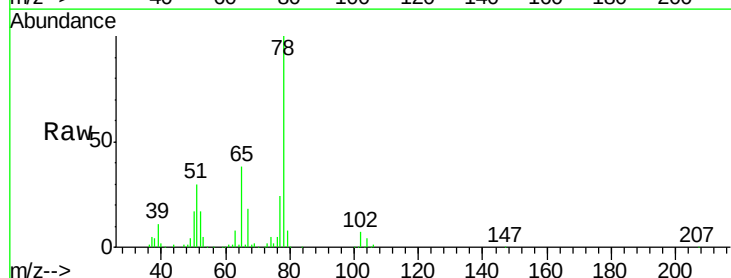
Manual Integrations
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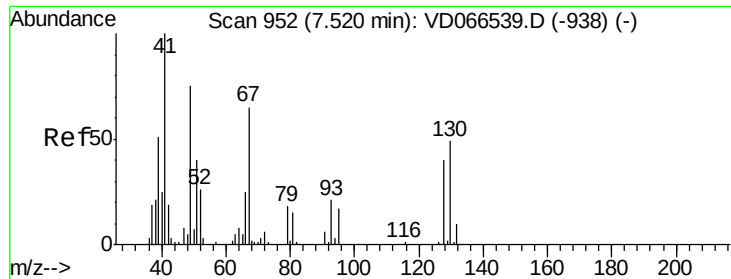
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#40
Benzene
Concen: 21.069 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





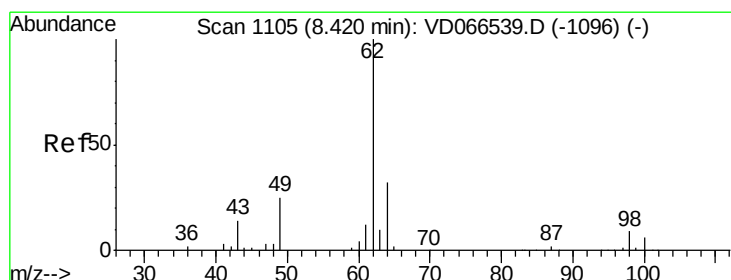
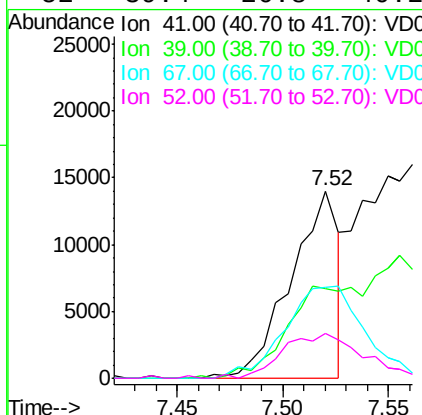
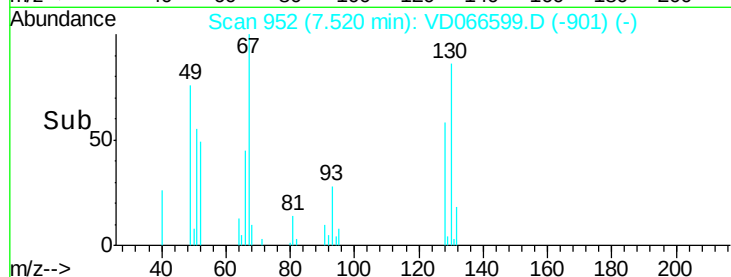
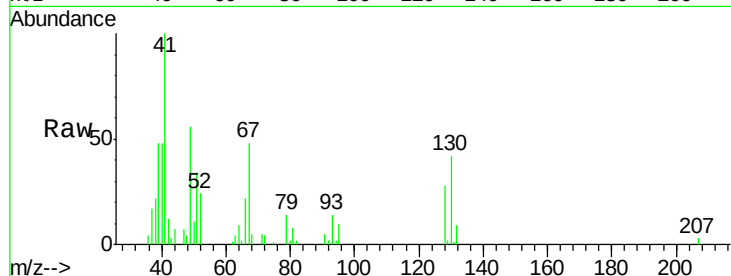
#41
Methacrylonitrile
Concen: 19.920 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	53.6	80.4
67	81.3	59.2	88.8
52	39.4	26.8	40.2

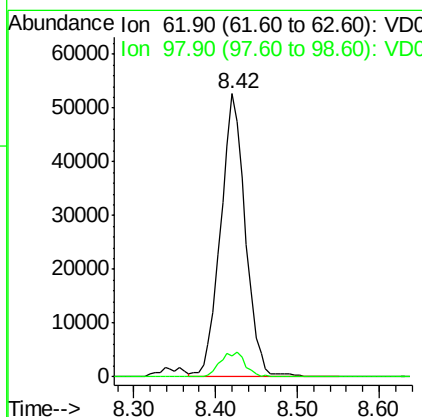
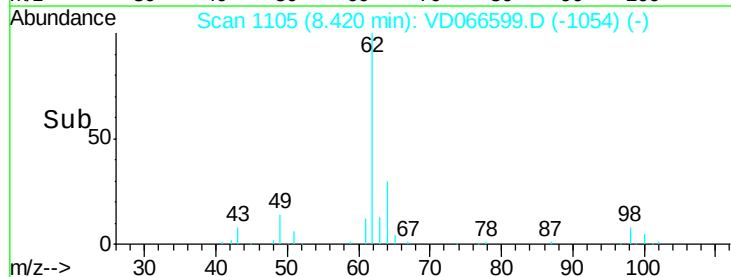
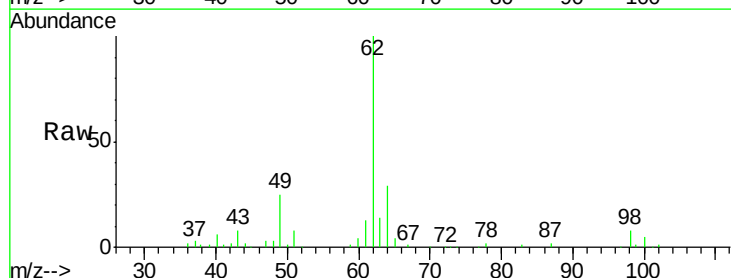
Manual Integrations
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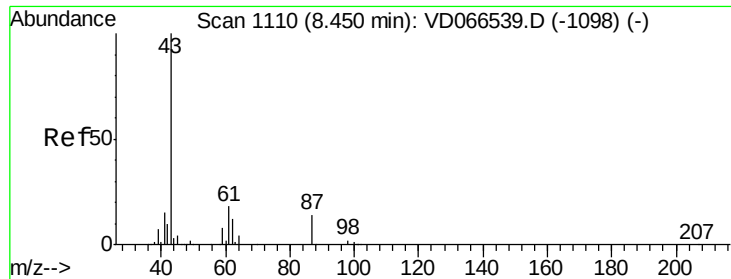
MMDadoda
9/10/2020 10:47:08 AM



#42
1,2-Dichloroethane
Concen: 21.806 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.587 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

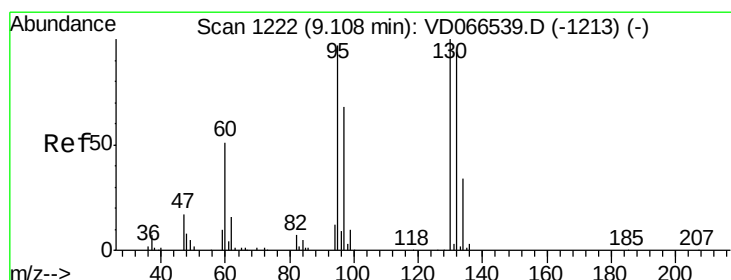
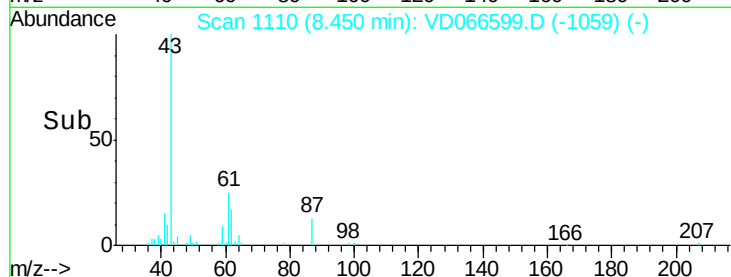
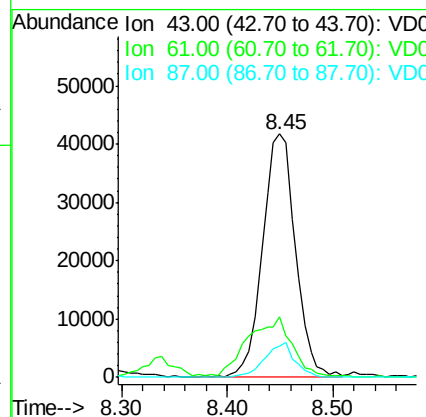
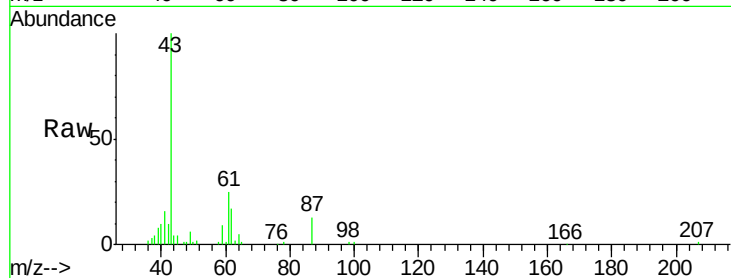
ClientSampleId :

VD0909SBS02

Tot Ion:	43	Resp:	90459
Ion	Ratio	Lower	Upper
43	100		
61	32.1	23.8	35.8
87	12.9	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.729 ug/l

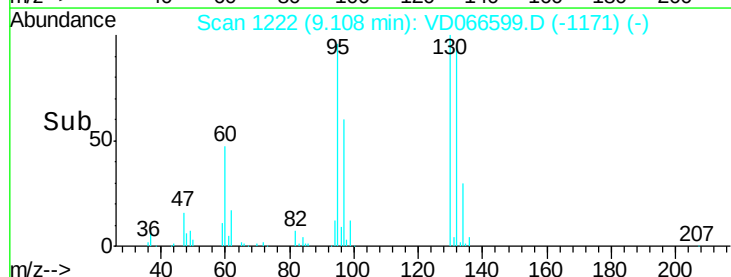
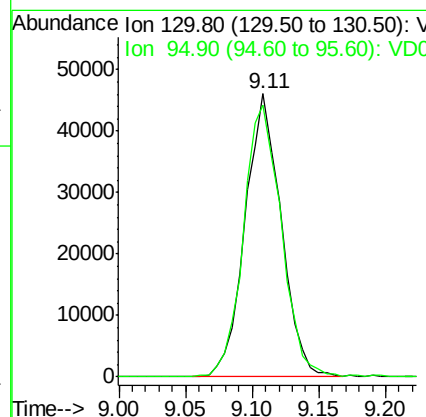
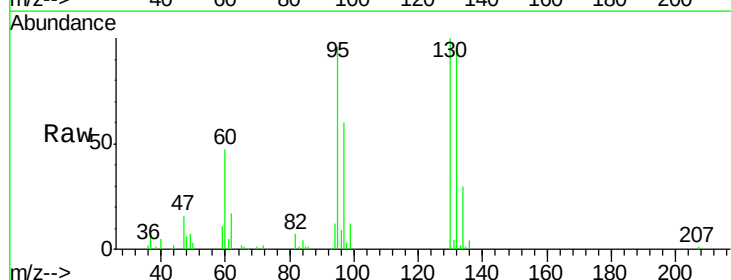
RT: 9.11 min Scan# 1222

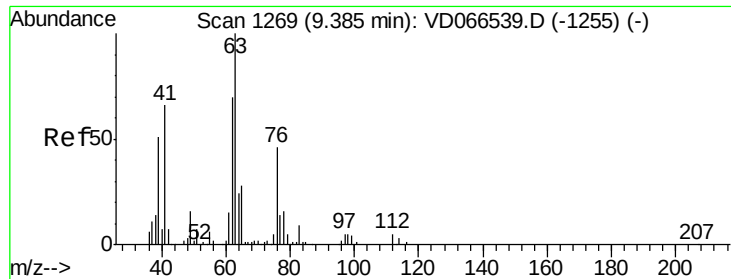
Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion:	130	Resp:	85751
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	194.4





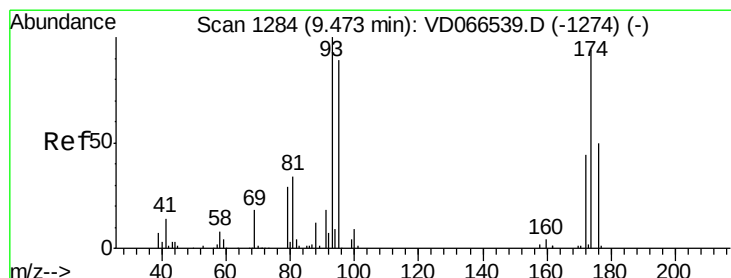
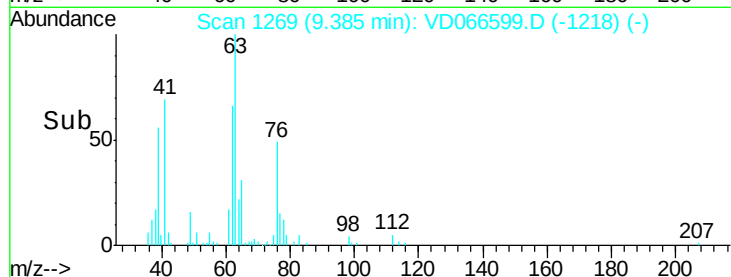
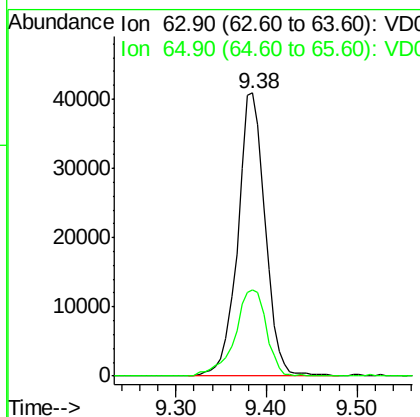
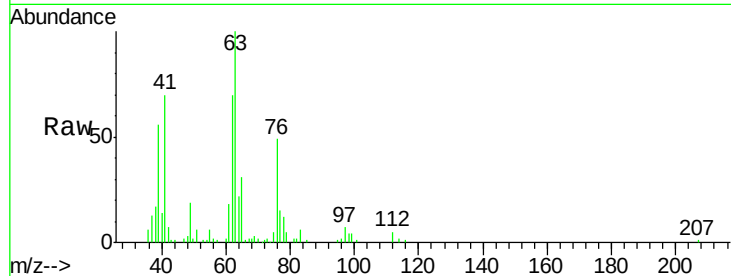
#45
 1,2-Dichloropropane
 Concen: 21.670 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion: 63 Resp: 85940
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.6 34.0

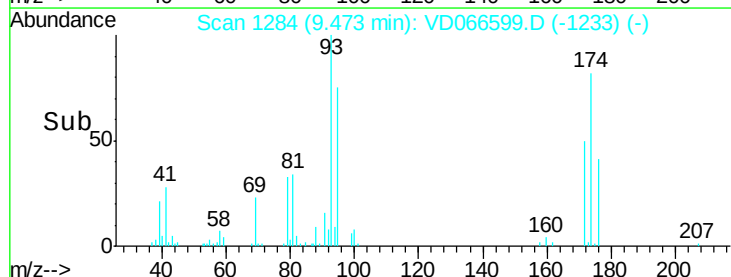
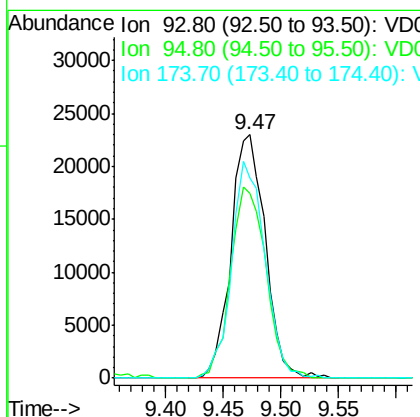
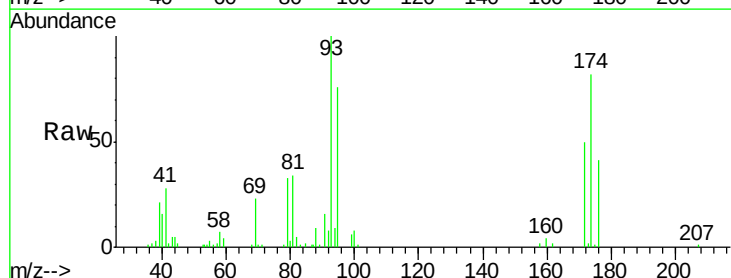
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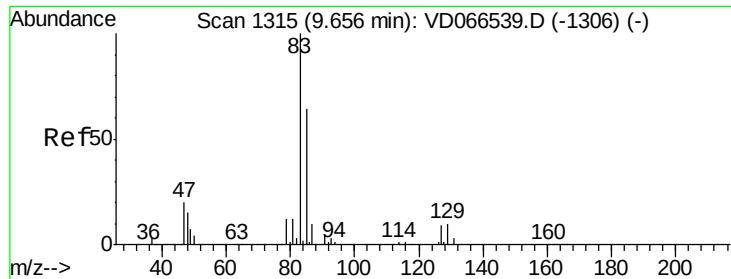
MMDadoda
 9/10/2020 10:47:08 AM



#46
 Dibromomethane
 Concen: 21.600 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 93 Resp: 47262
 Ion Ratio Lower Upper
 93 100
 95 81.1 68.7 103.1
 174 86.7 70.0 105.0





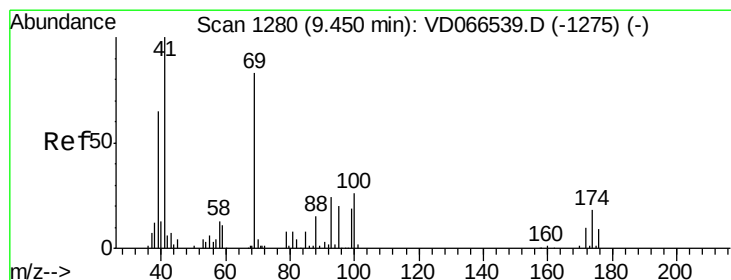
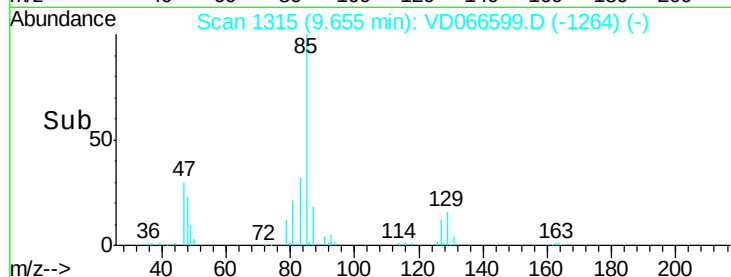
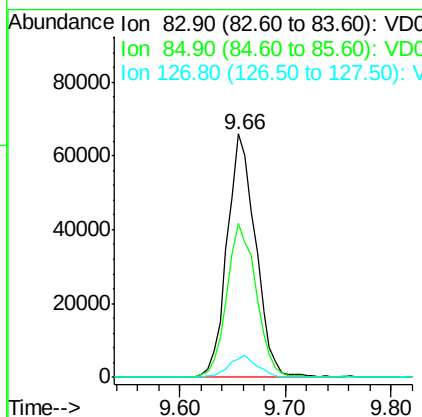
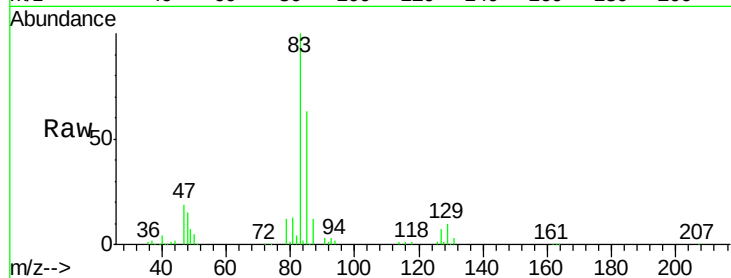
#47
Bromodichloromethane
Concen: 20.741 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	122782		
85	63.3		51.1	76.7
127	7.3		6.9	10.3

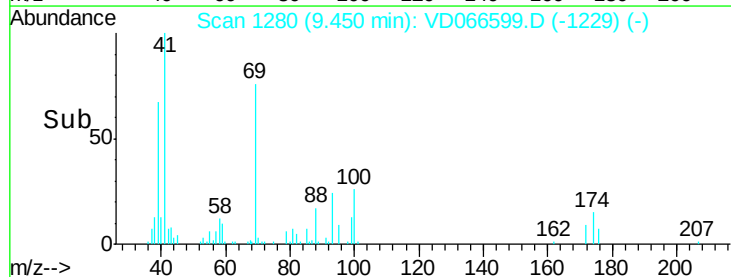
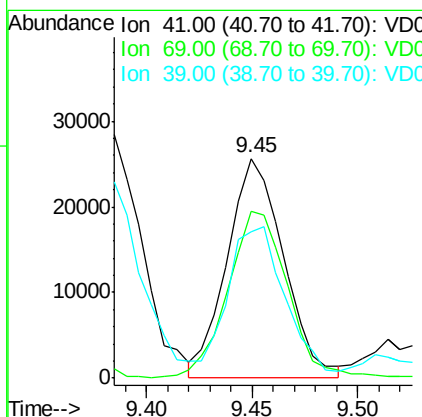
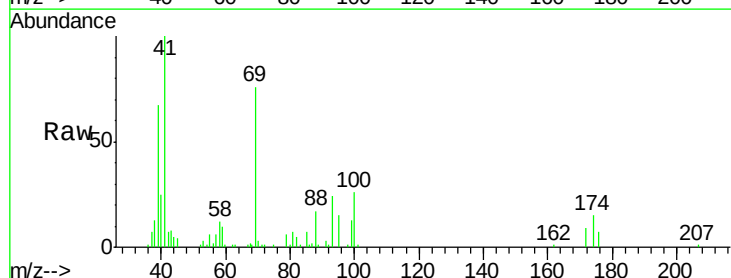
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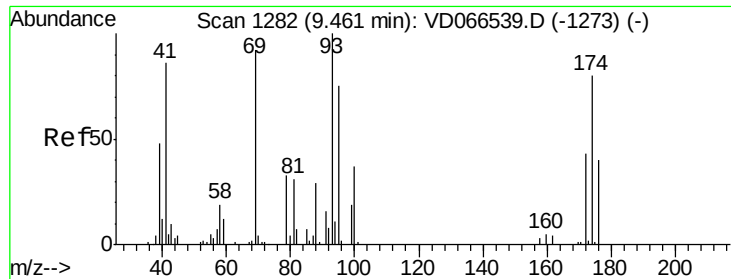
MMDadoda
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#48
Methyl methacrylate
Concen: 21.265 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	47247		
69	81.6		64.5	96.7
39	65.0		46.6	69.8





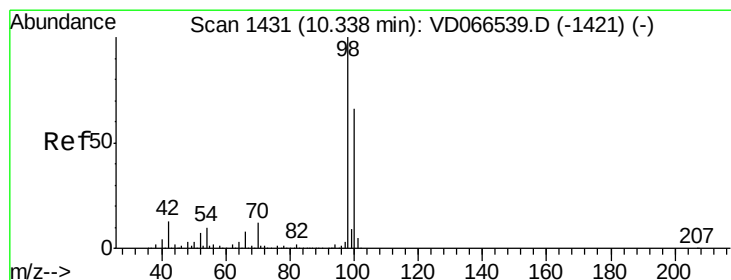
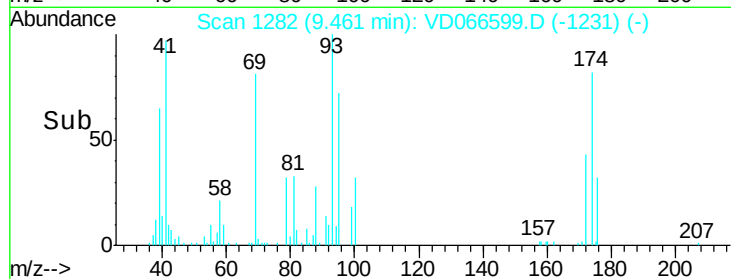
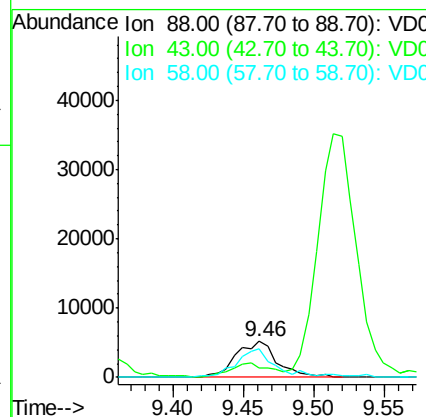
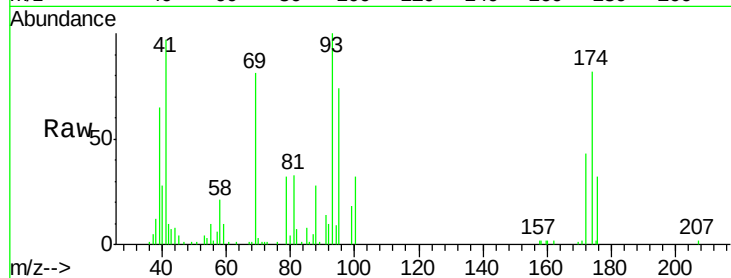
#49
1,4-Dioxane
Concen: 439.833 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	88	Resp	10558
Ion	Ratio	Lower	Upper
88	100		
43	38.3	28.3	42.5
58	72.1	56.1	84.1

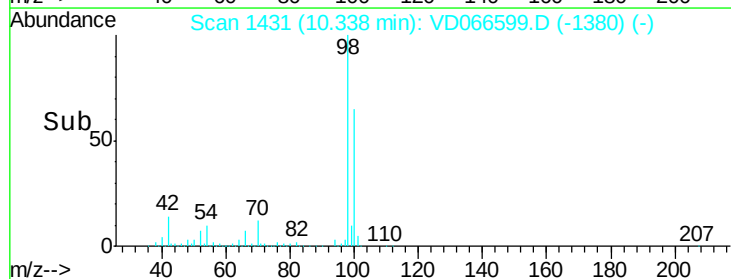
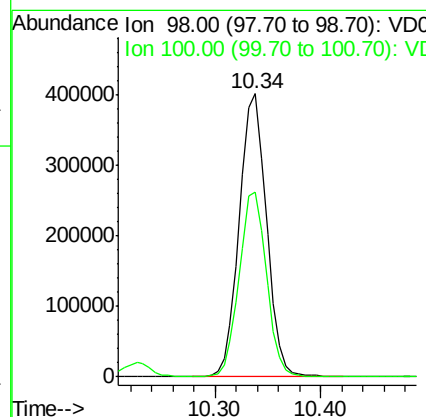
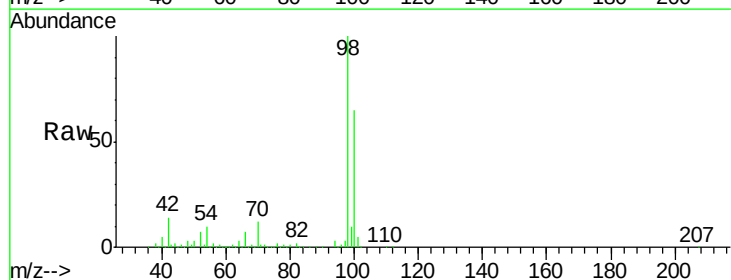
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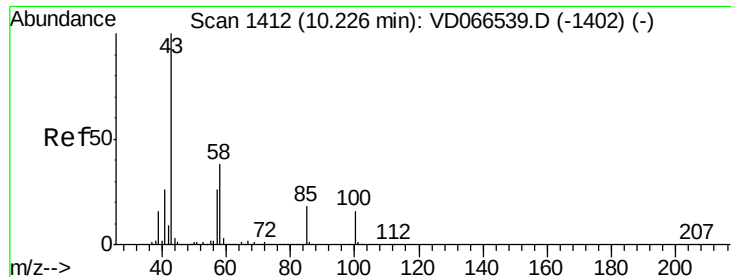
MMDadoda
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#50
Toluene-d8
Concen: 53.806 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	98	Resp	717812
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





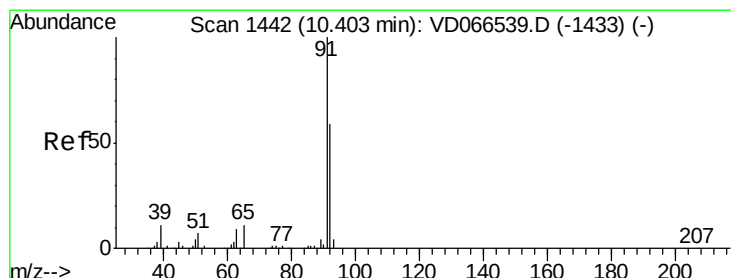
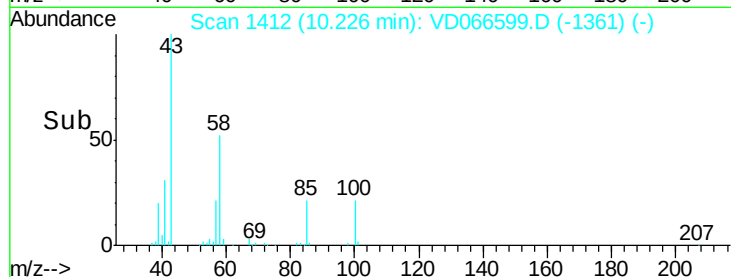
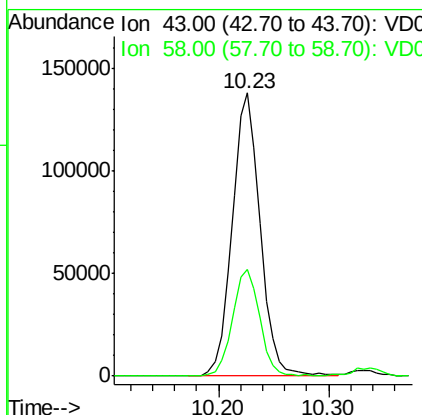
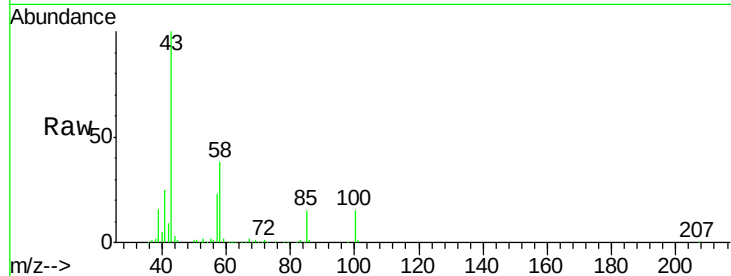
#51
4-Methyl-2-Pentanone
Concen: 110.669 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	43	Resp	245246
Ion Ratio	100	Lower	Upper
58	36.8	30.5	45.7

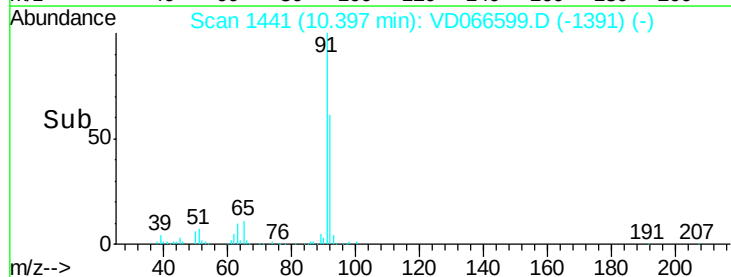
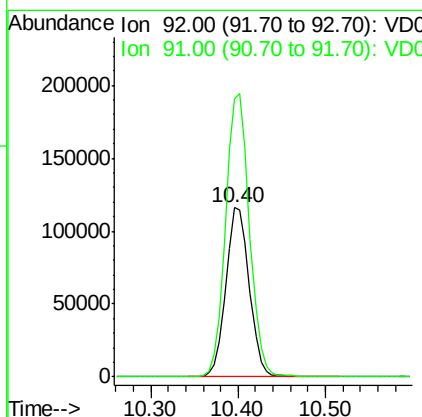
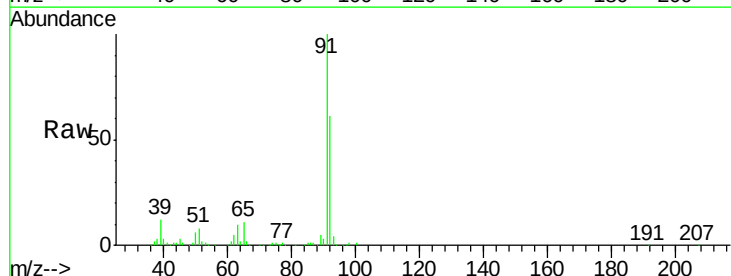
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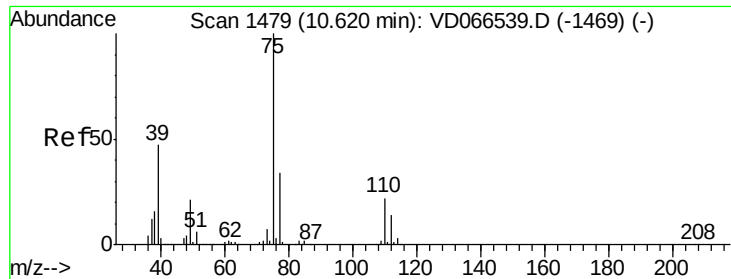
MMDadoda
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#52
Toluene
Concen: 21.464 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	92	Resp	214264
Ion Ratio	100	Lower	Upper
91	169.3	137.4	206.2





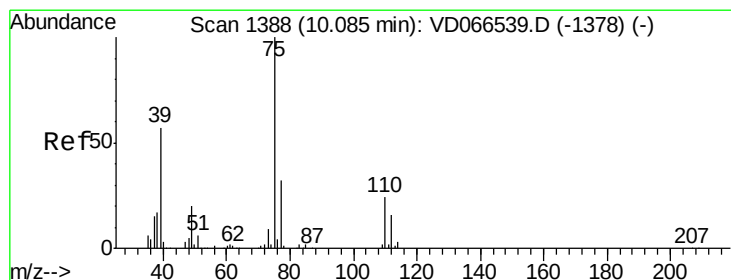
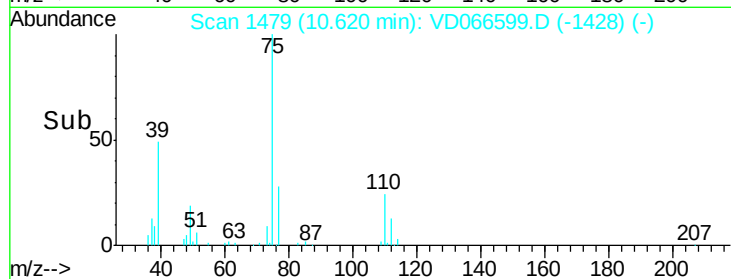
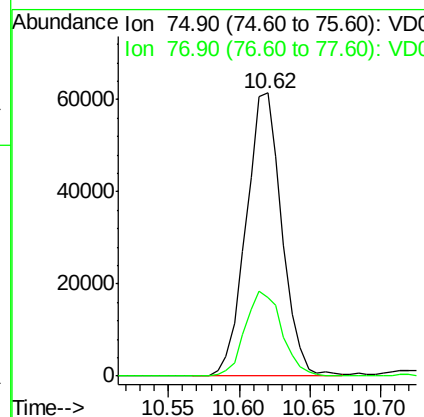
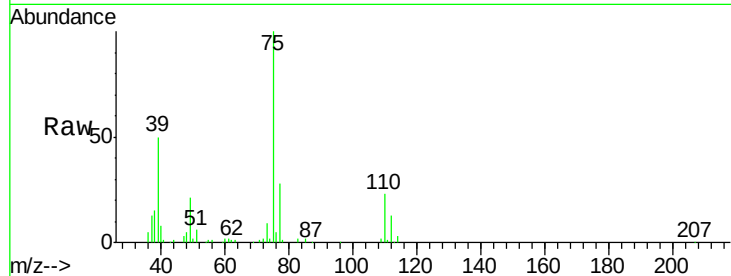
#53
 t-1,3-Dichloropropene
 Concen: 20.902 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0909SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	27.8	27.4	41.2

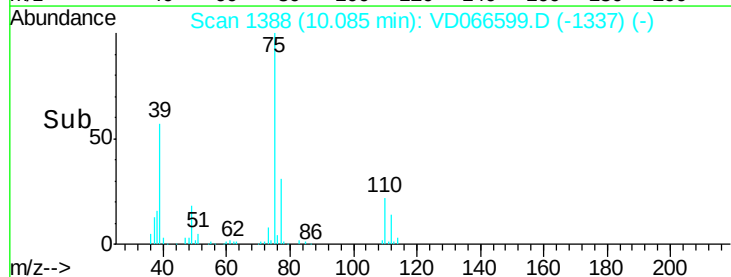
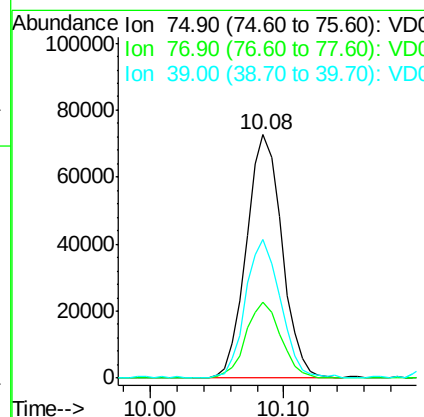
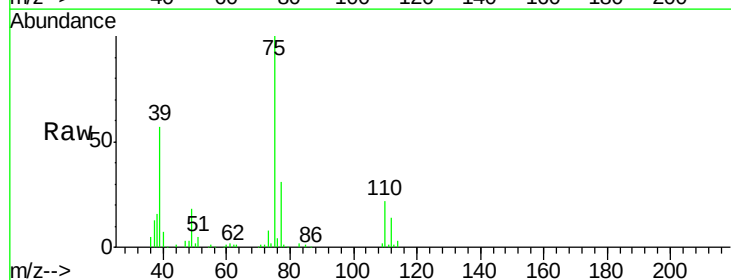
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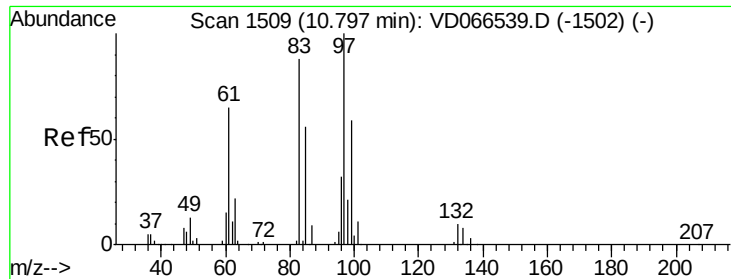
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#54
 cis-1,3-Dichloropropene
 Concen: 21.266 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	56.5	45.4	68.0





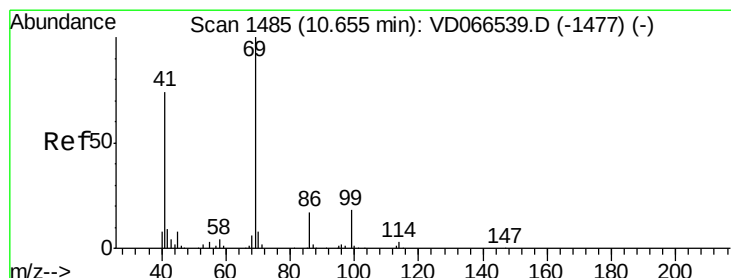
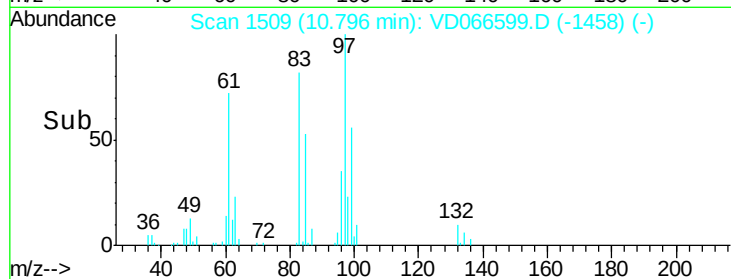
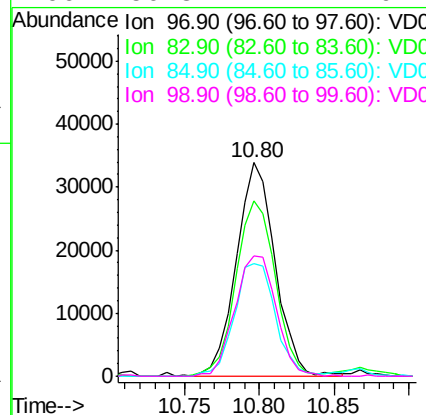
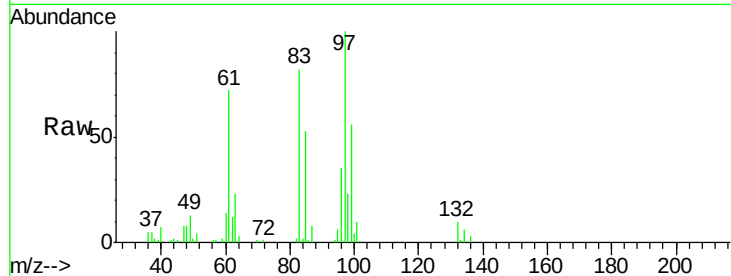
#55
 1,1,2-Trichloroethane
 Concen: 21.770 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion:	97	Resp:	61244
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.1	105.1
85	52.9	44.5	66.7
99	56.3	47.1	70.7

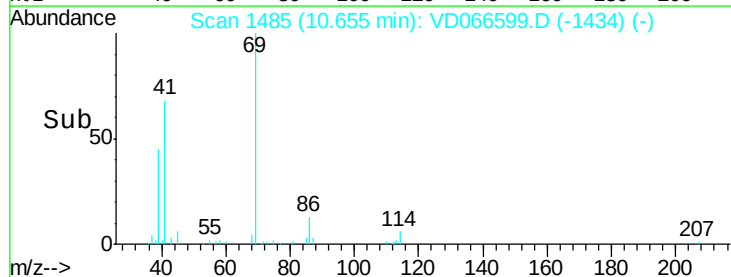
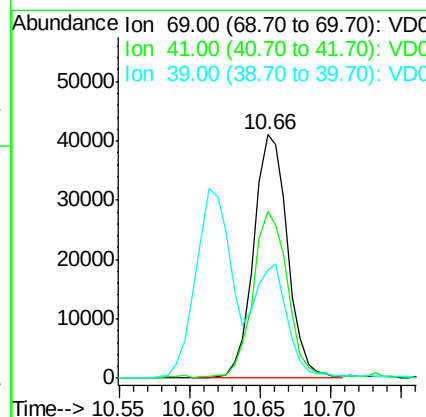
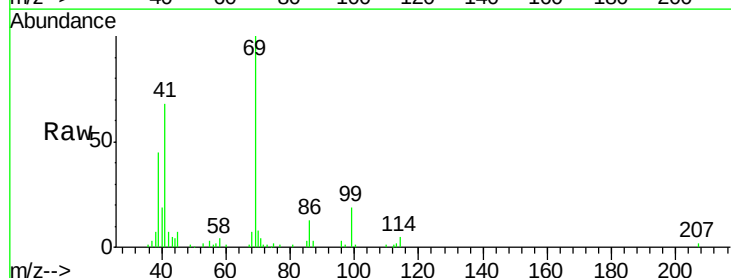
Manual Integrations
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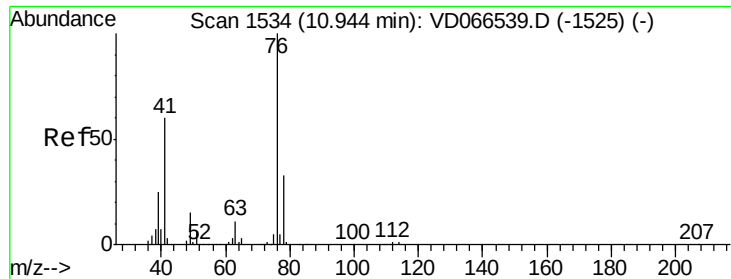
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#56
 Ethyl methacrylate
 Concen: 21.192 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion:	69	Resp:	69416
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.8	85.2
39	45.0	30.6	46.0





#57

1,3-Dichloropropane

Concen: 21.312 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 76 Resp: 105017

Ion Ratio Lower Upper

76 100

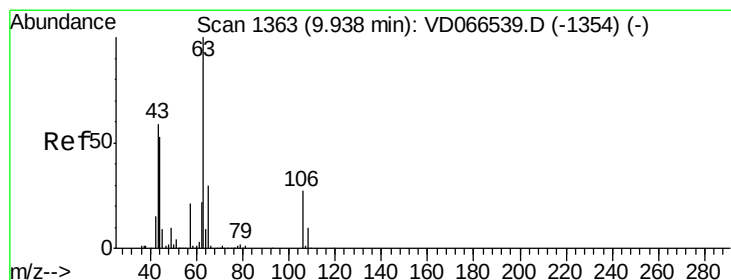
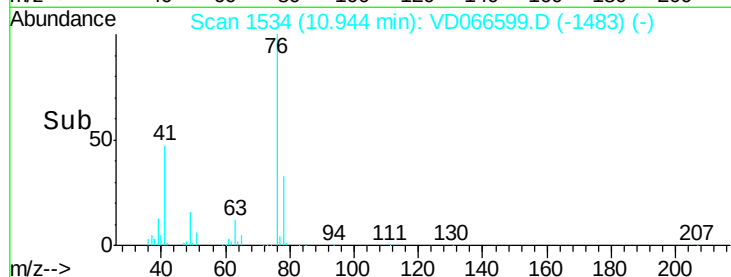
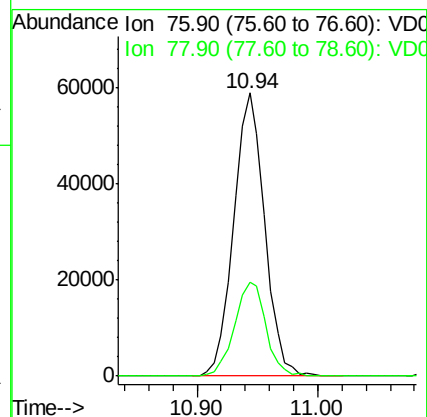
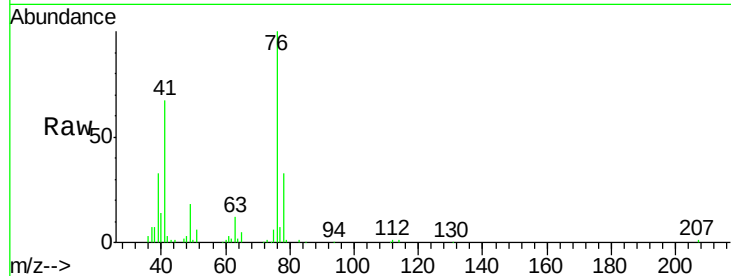
78 33.8 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 121.919 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066599.D

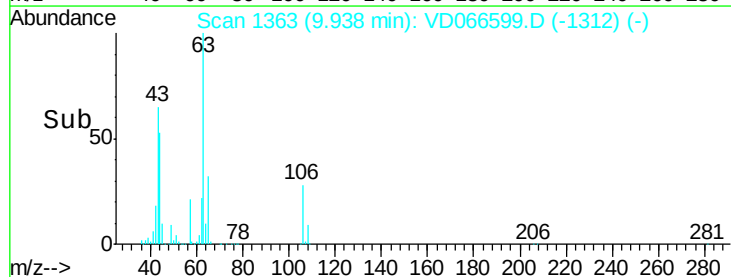
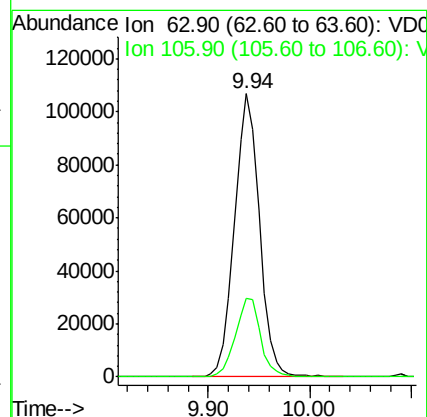
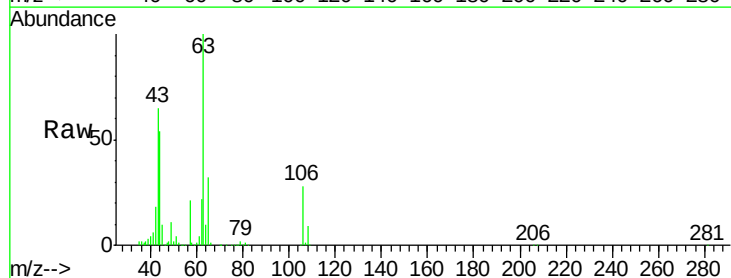
Acq: 10 Sep 2020 00:21

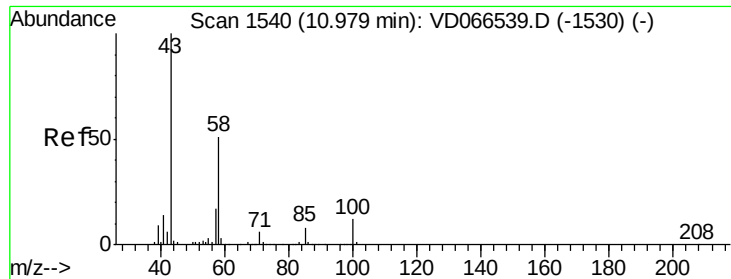
Tgt Ion: 63 Resp: 182665

Ion Ratio Lower Upper

63 100

106 27.7 22.0 33.0





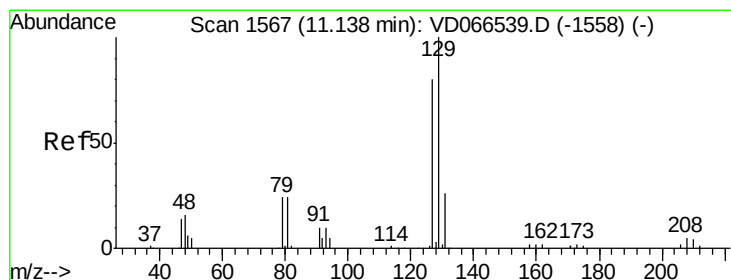
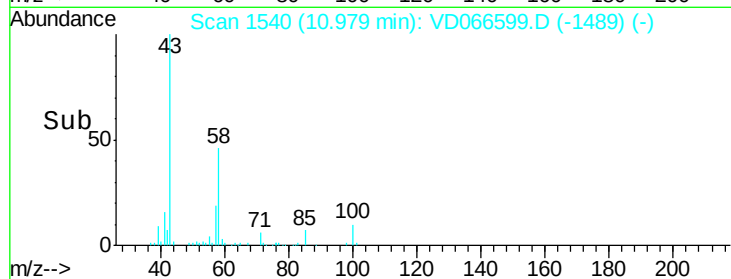
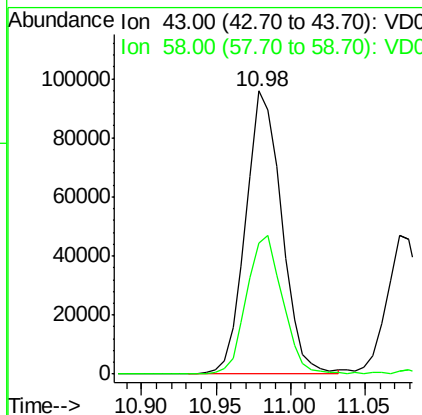
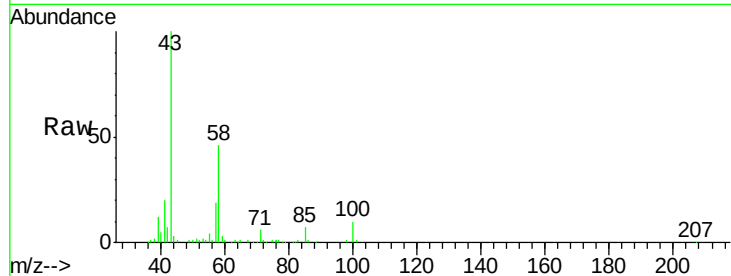
#59
2-Hexanone
Concen: 107.371 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion: 43 Resp: 160008
Ion Ratio Lower Upper
43 100
58 48.9 25.6 76.8

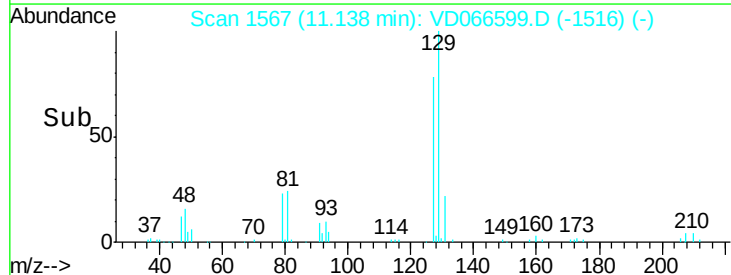
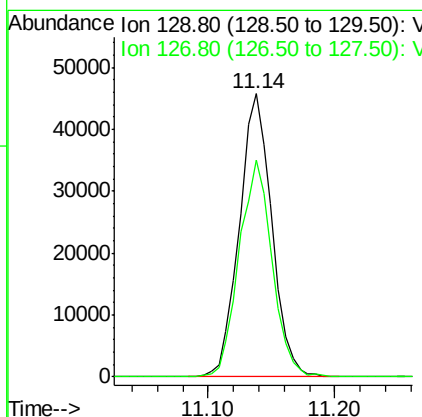
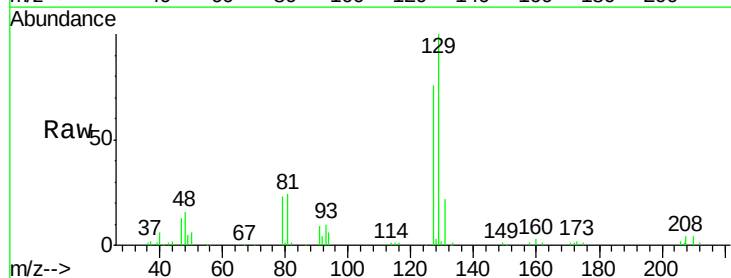
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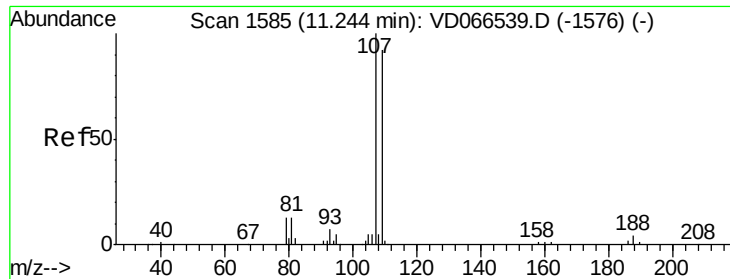
MMDadoda
9/10/2020 10:47:08 AM



#60
Dibromochloromethane
Concen: 21.839 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 129 Resp: 81246
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3





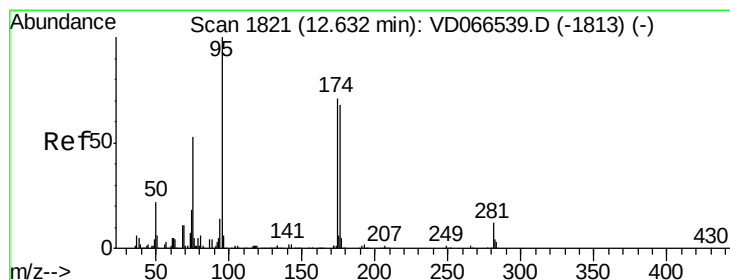
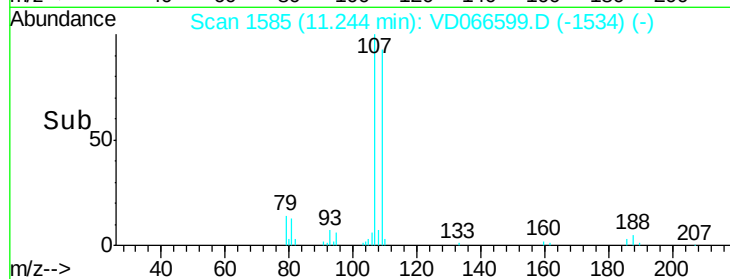
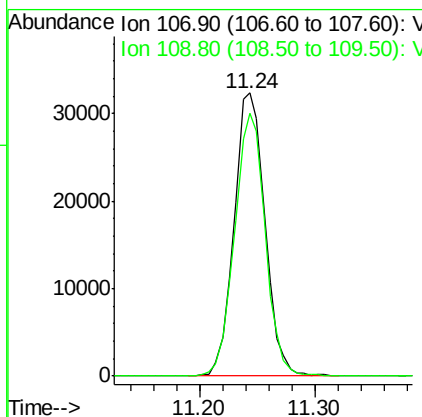
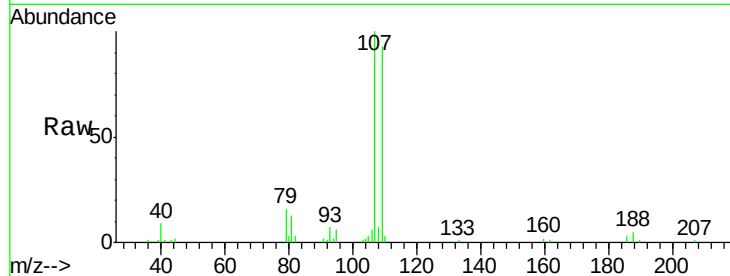
#61
 1,2-Dibromoethane
 Concen: 21.877 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	74.4	111.6

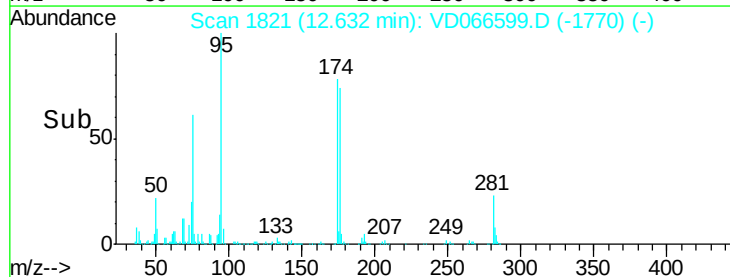
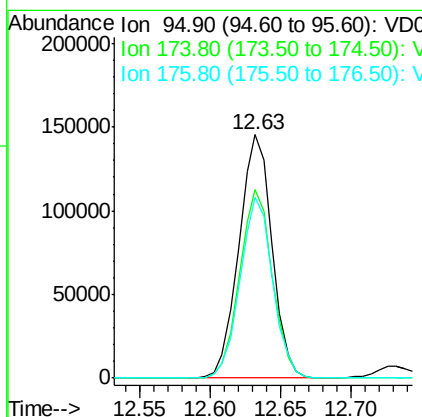
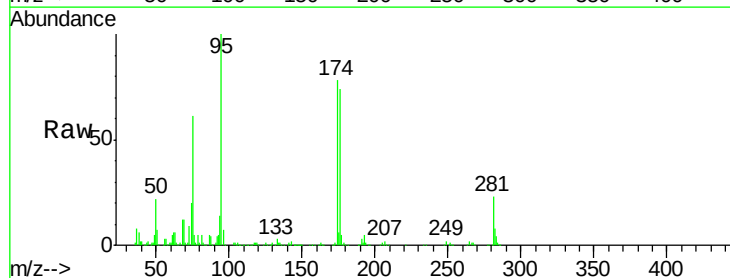
Manual Integrations
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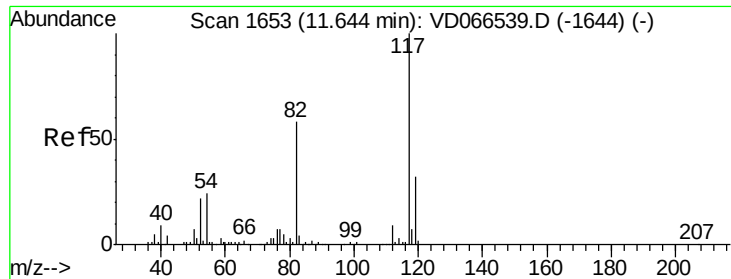
MMDadoda
 9/10/2020 10:47:08 AM



#62
 4-Bromofluorobenzene
 Concen: 53.799 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	155.8
176	73.2	0.0	148.6





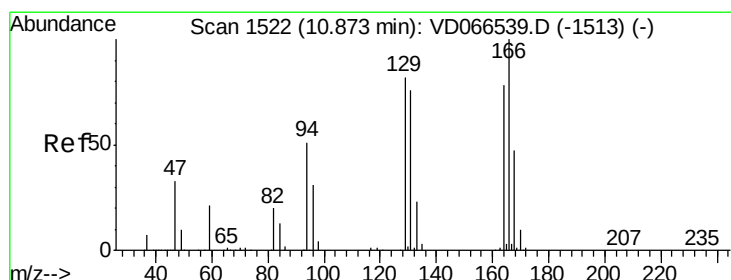
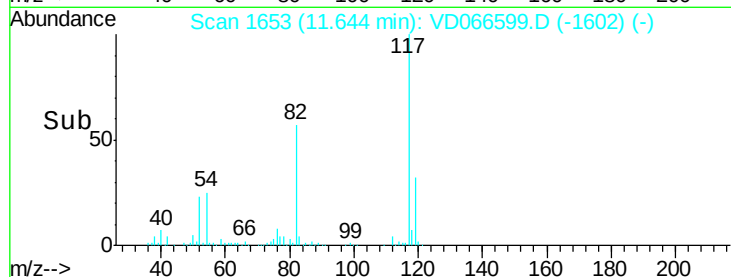
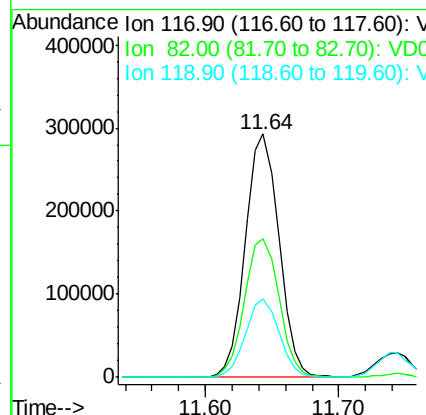
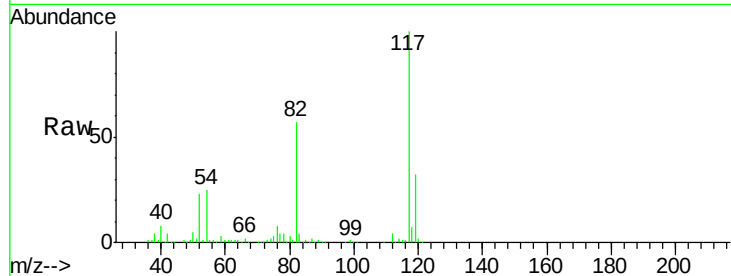
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	511033		
82	56.8		46.2	69.2
119	32.0		25.8	38.8

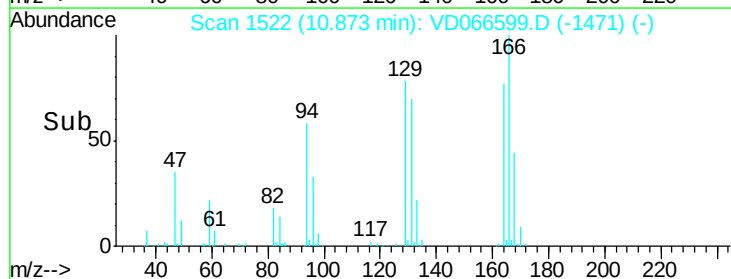
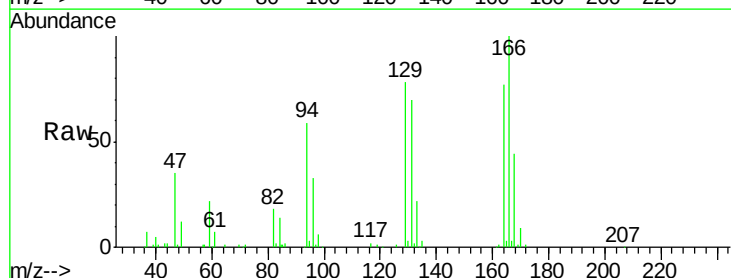
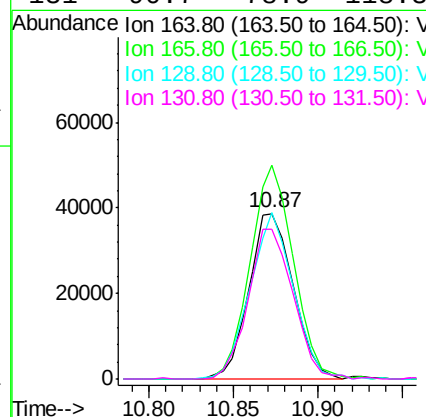
Manual Integrations
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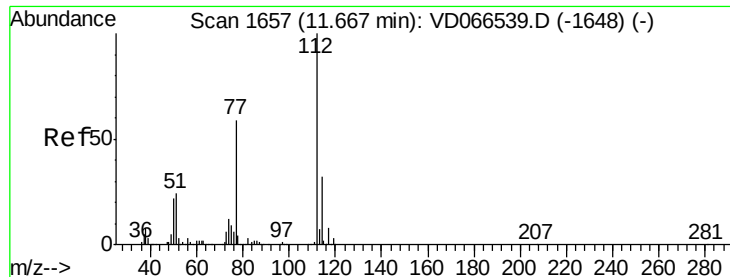
MMDadoda
9/10/2020 10:47:08 AM



#64
Tetrachloroethene
Concen: 20.542 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70682		
166	129.3		103.2	154.8
129	100.8		84.5	126.7
131	90.7		78.9	118.3





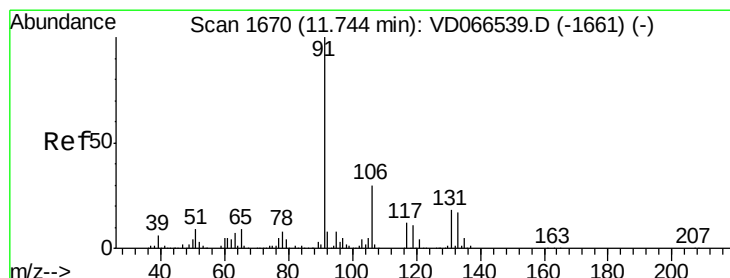
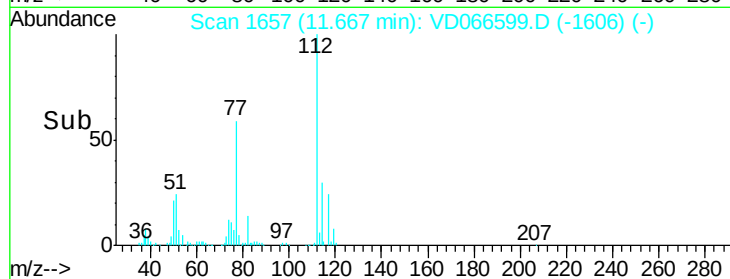
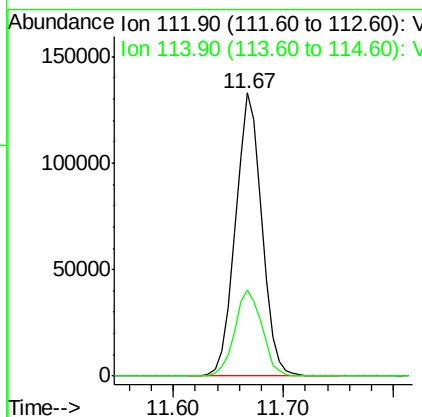
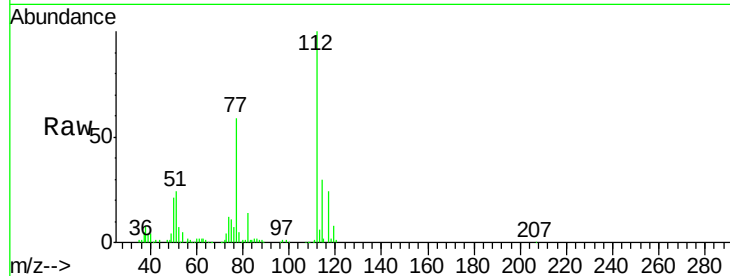
#65
Chlorobenzene
Concen: 21.068 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
112	100	222212		
114	30.3	25.7	38.5	

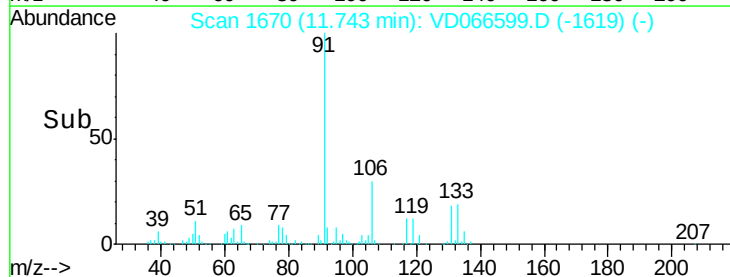
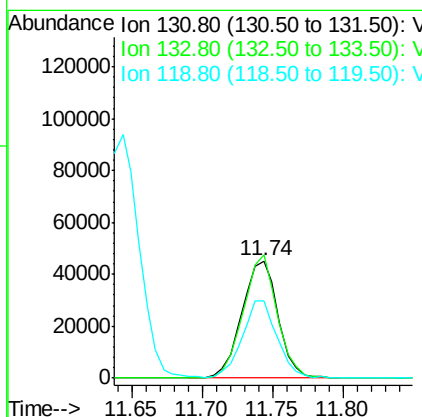
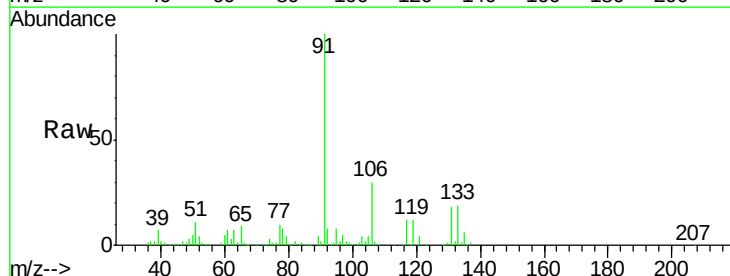
Manual Integrations
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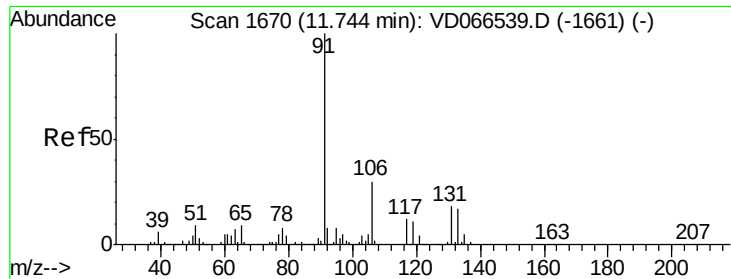
MMDadoda
9/10/2020 10:47:08 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	81096		
133	98.6	46.7	140.0	
119	64.1	31.9	95.7	





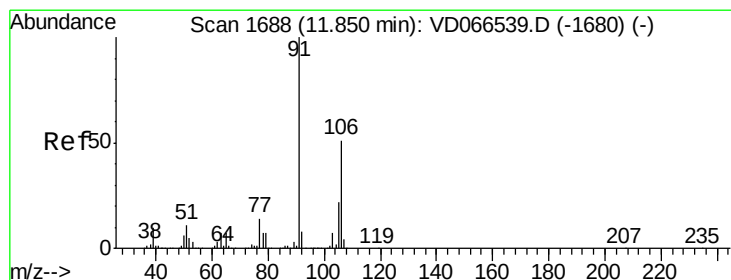
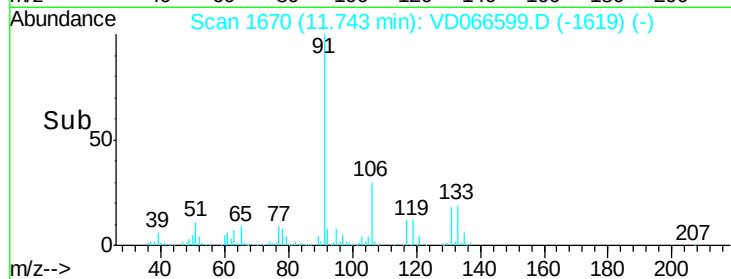
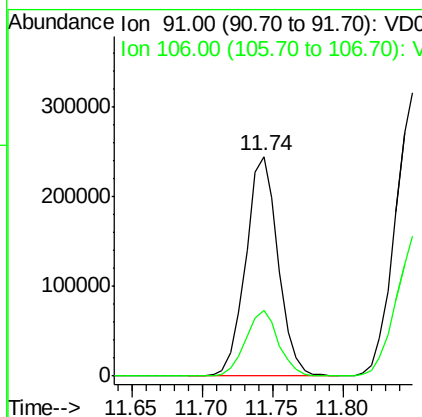
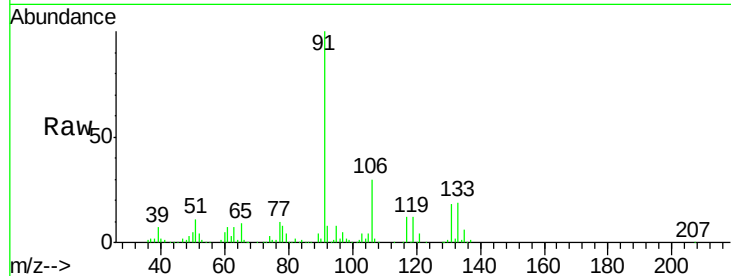
#67
Ethyl Benzene
Concen: 20.271 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5

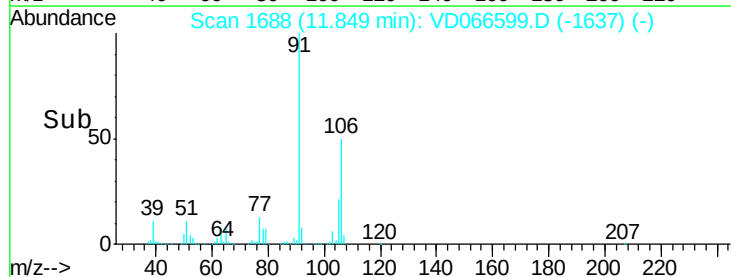
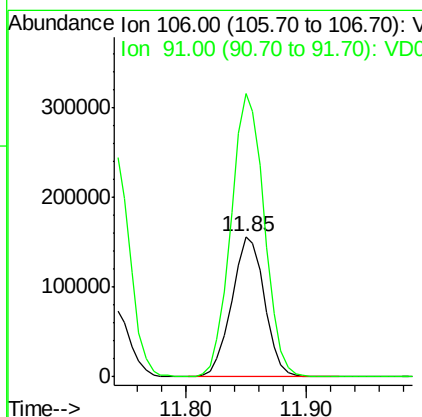
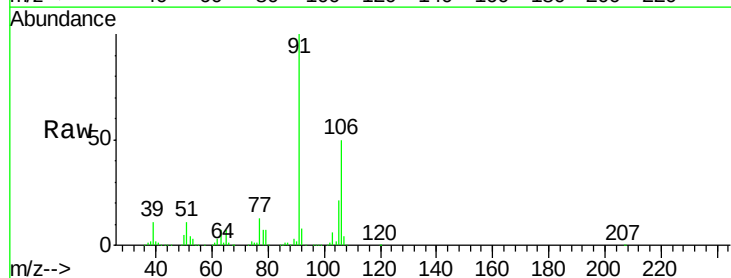
Manual Integrations
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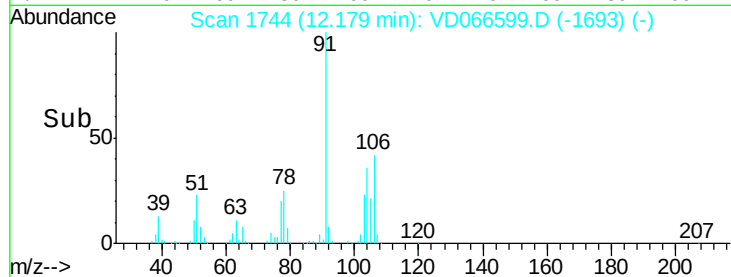
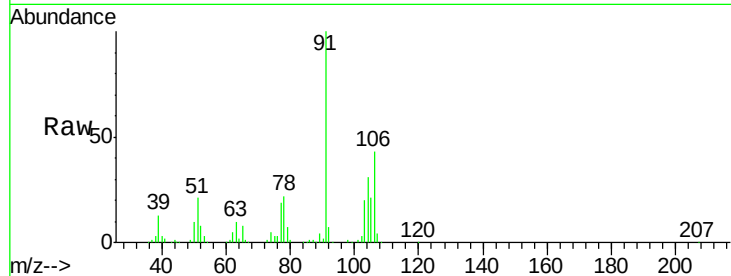
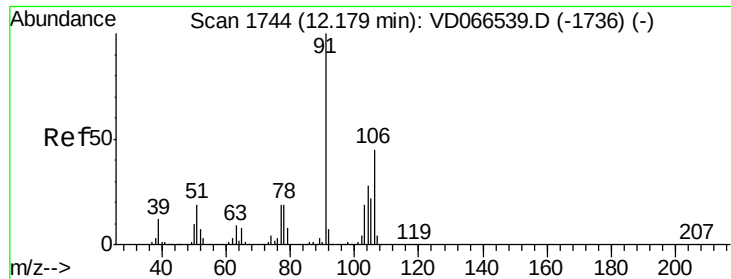
MMDadoda
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#68
m/p-Xylenes
Concen: 41.077 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.2	162.4	243.6





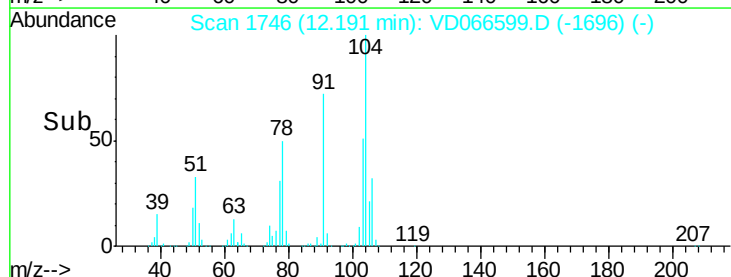
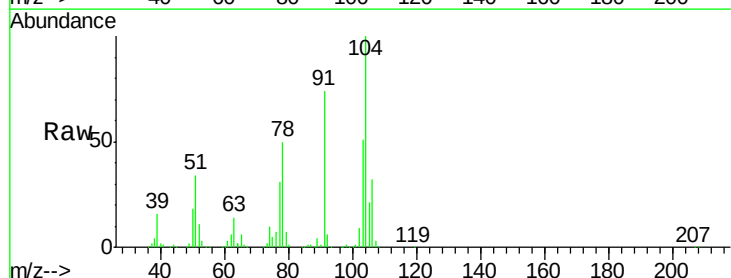
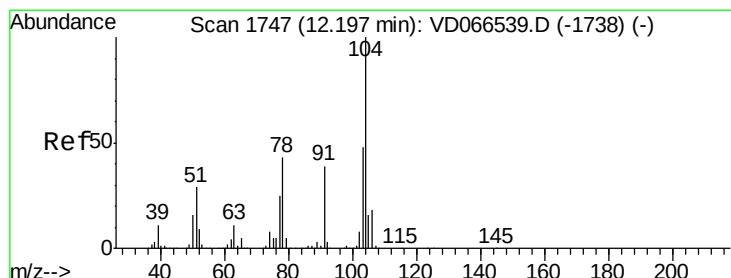
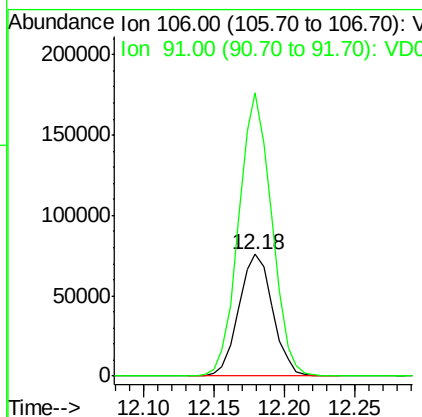
#69
o-Xylene
Concen: 19.760 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tot Ion	Ratio	Resp	Lower	Upper
106	100	127343		
91	226.5	107.9	323.8	

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

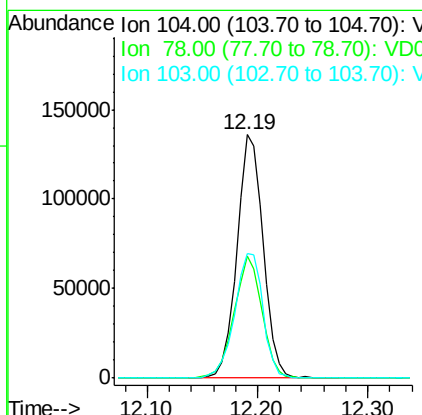
Manual Integrations
APPROVED

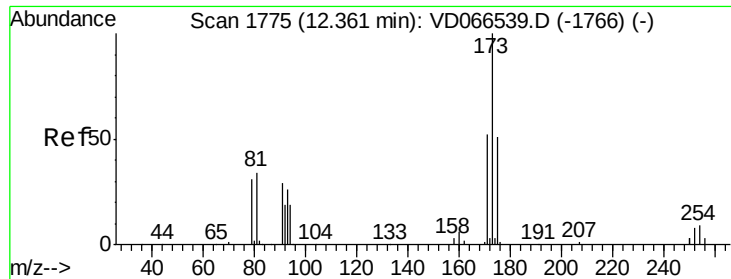
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#70
Styrene
Concen: 20.215 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	226486		
78	53.4	40.7	61.1	
103	55.2	42.9	64.3	





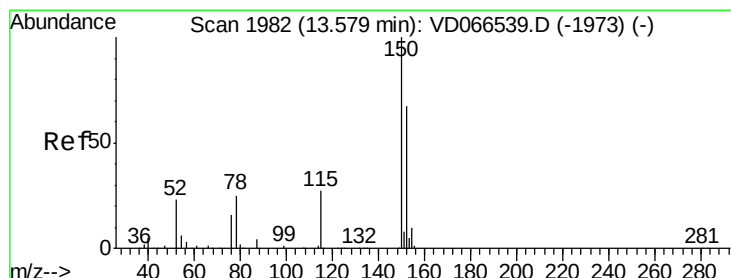
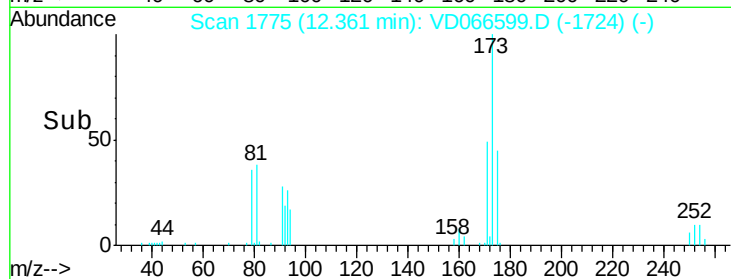
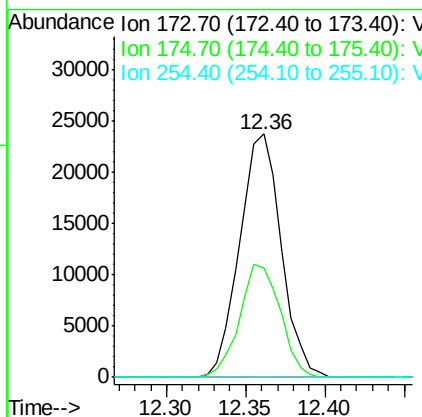
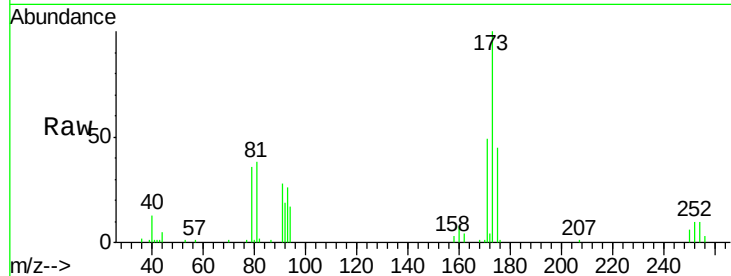
#71
Bromoform
Concen: 21.244 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.5	24.2	72.6
254	0.0	0.0	0.0

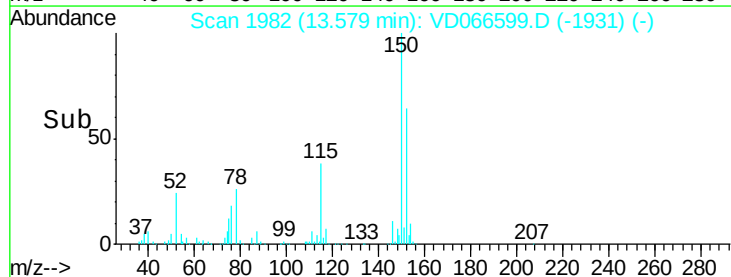
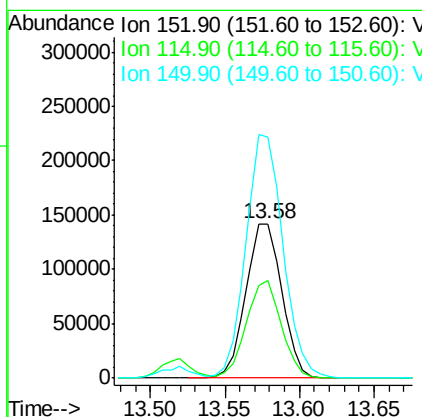
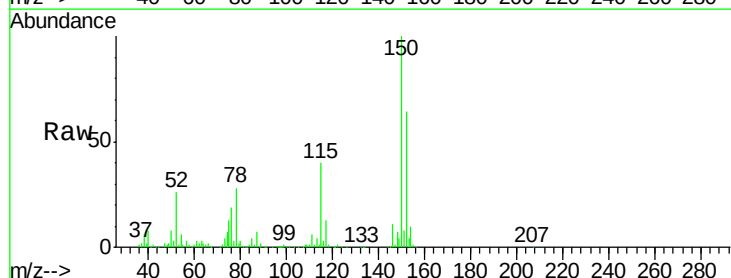
Manual Integrations
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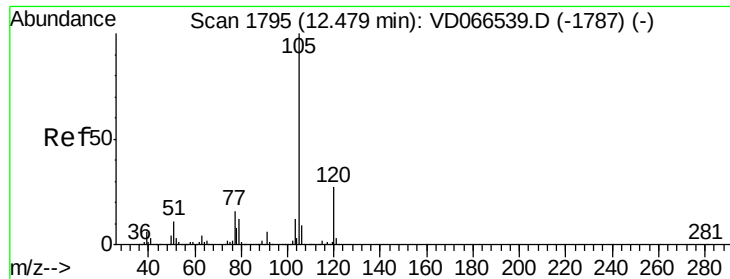
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.4	91.2
150	164.0	0.0	345.8





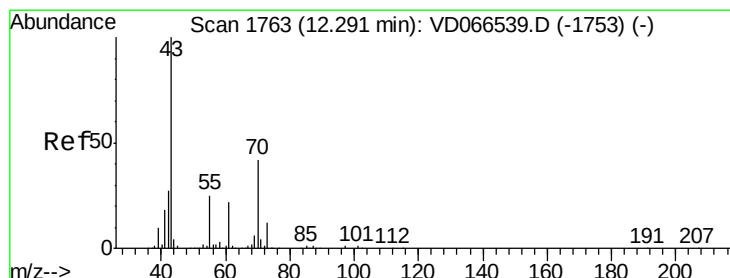
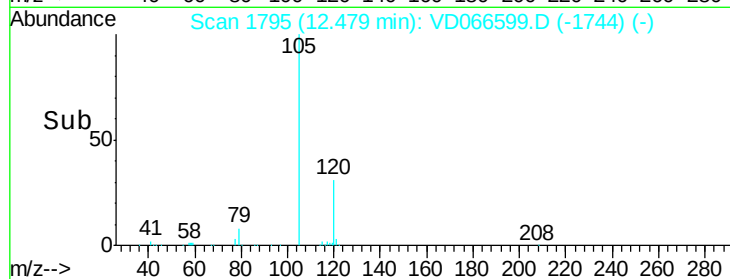
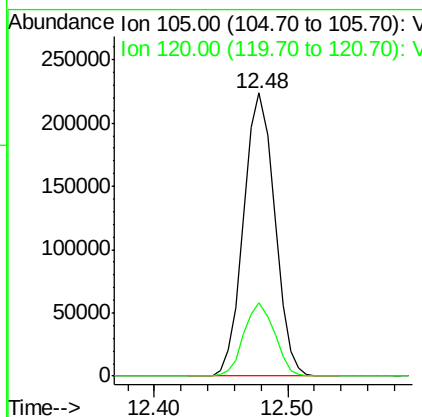
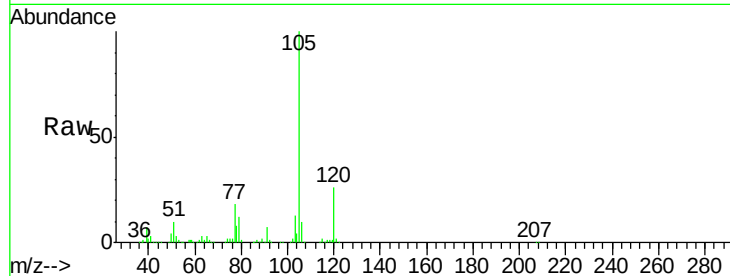
#73
Isopropylbenzene
Concen: 20.692 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.0	39.0

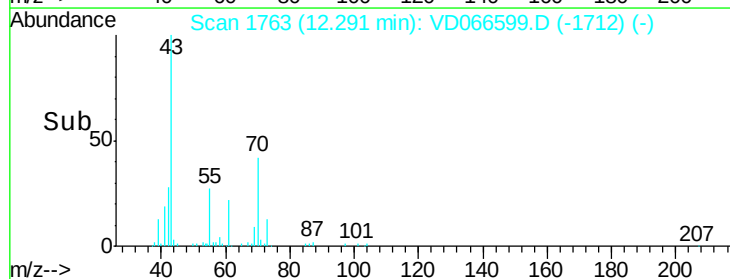
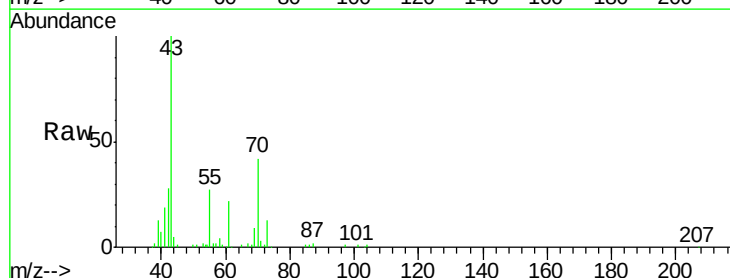
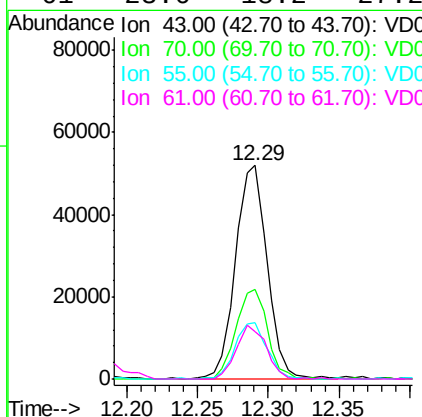
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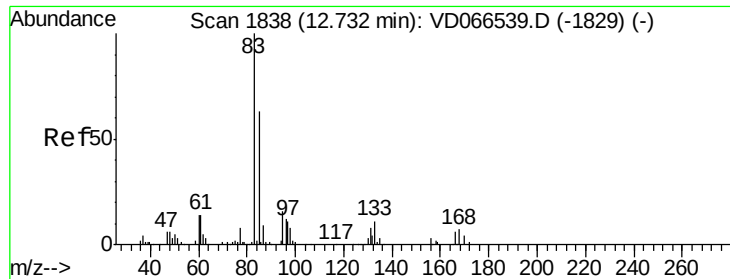
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9/10/2020 10:47:08 AM



#74
N-ethyl acetate
Concen: 20.734 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.6	33.4	50.2
55	26.7	20.1	30.1
61	23.6	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.086 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

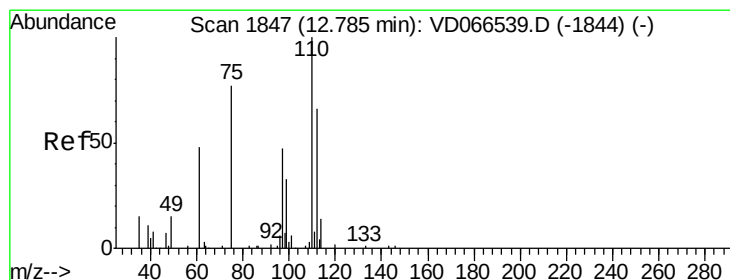
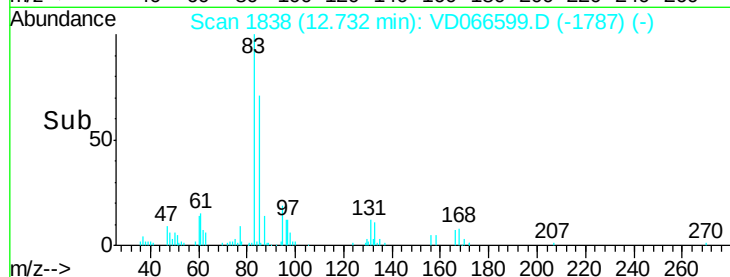
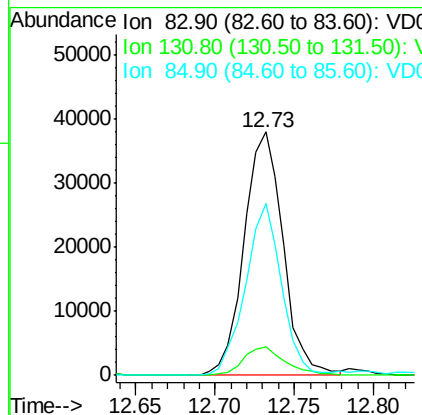
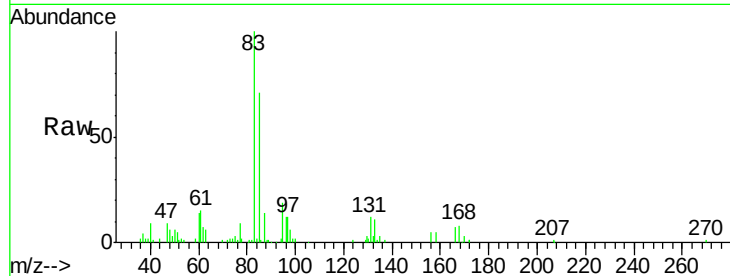
ClientSampleId :

VD0909SBS02

Tot Ion:	83	Resp:	64919
Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.0	15.0
85	65.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.166 ug/l m

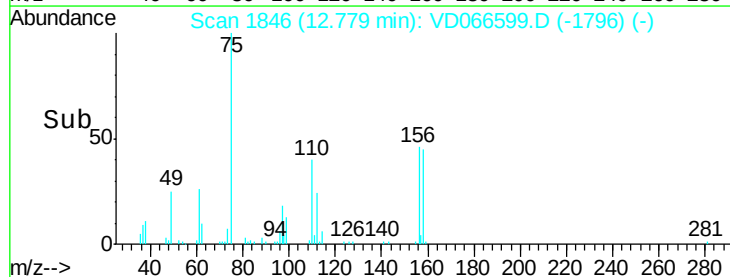
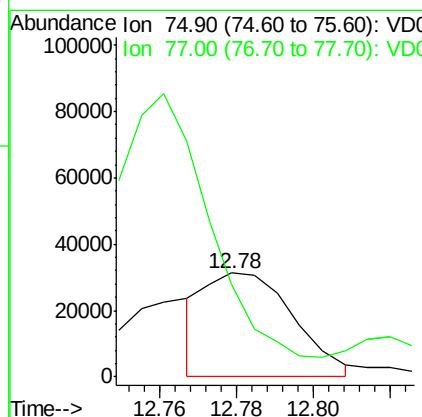
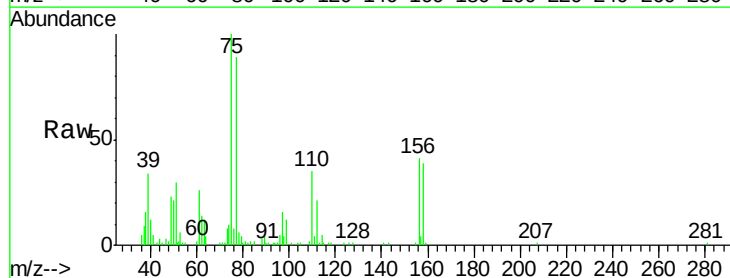
RT: 12.78 min Scan# 1846

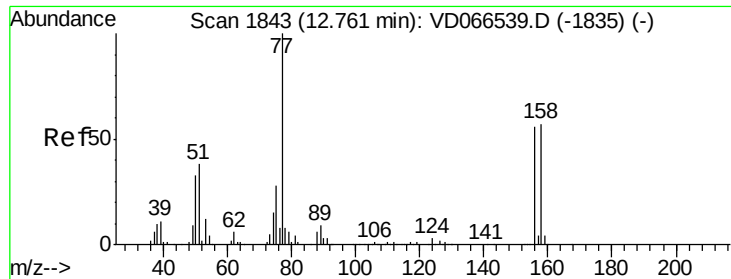
Delta R.T. -0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion:	75	Resp:	50178
Ion	Ratio	Lower	Upper
75	100		
77	320.4	0.0	0.0#





#77

Bromobenzene

Concen: 21.333 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion:156 Resp: 82884

Ion Ratio Lower Upper

156 100

77 194.0 98.0 294.1

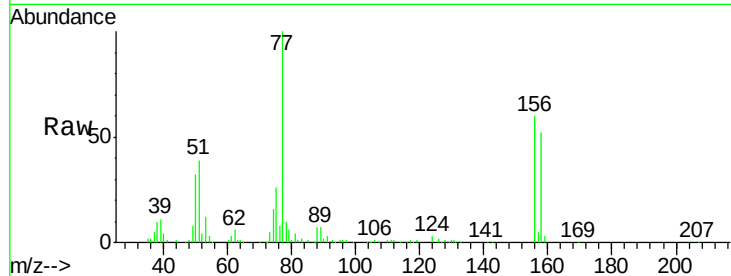
158 97.3 48.1 144.3

Manual Integrations

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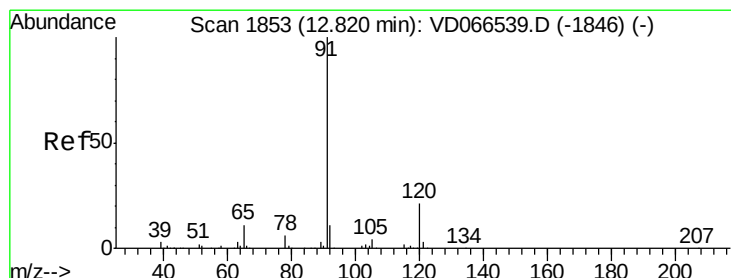
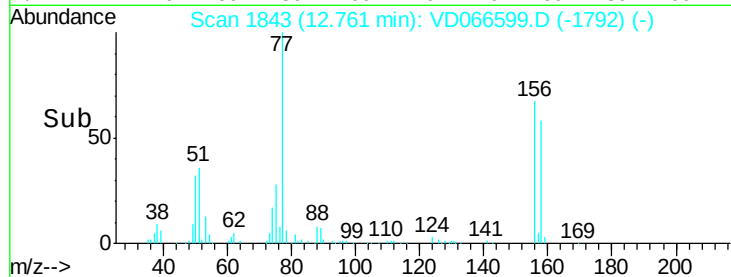
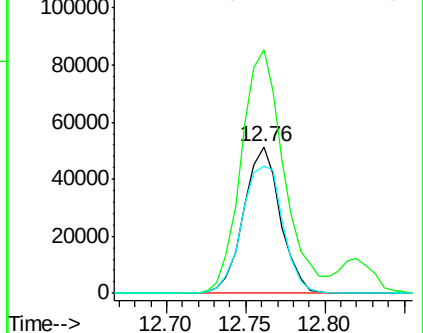
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.577 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066599.D

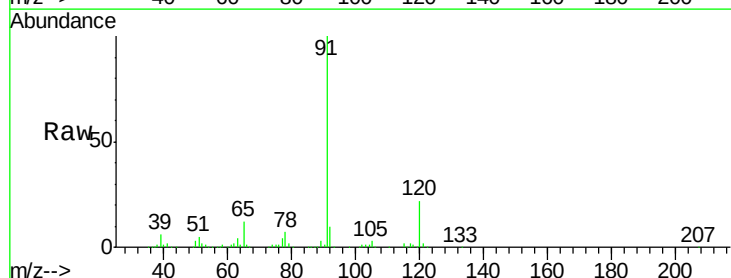
Acq: 10 Sep 2020 00:21

Tgt Ion: 91 Resp: 434712

Ion Ratio Lower Upper

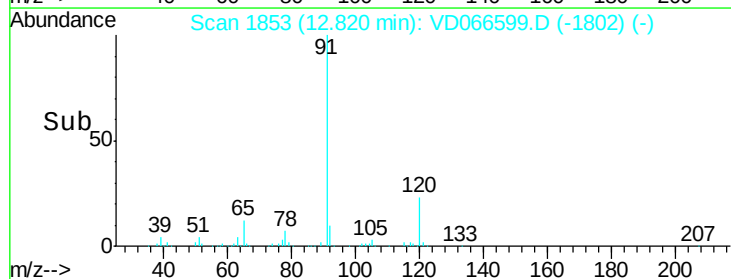
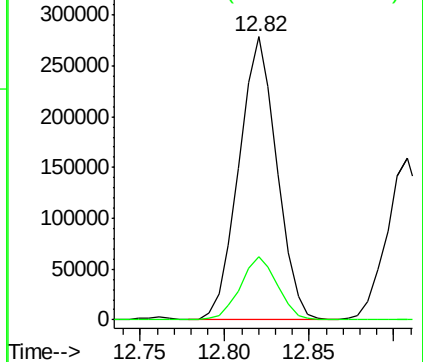
91 100

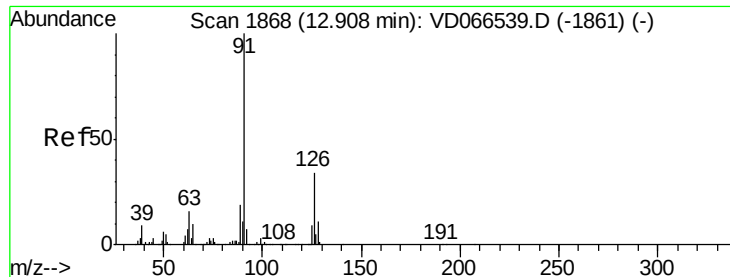
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.440 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 91 Resp: 254094

Ion Ratio Lower Upper

91 100

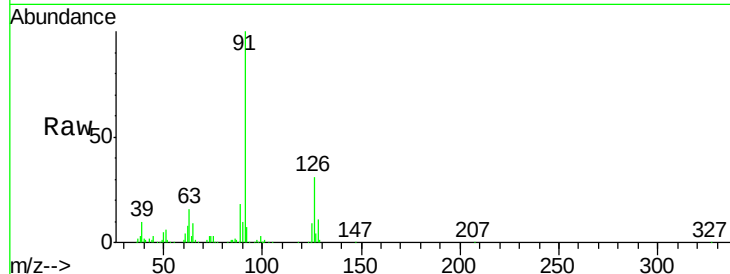
126 32.9 16.4 49.4

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Abundance Ion 91.00 (90.70 to 91.70): VD066539.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066539.D (-1861) (-)

12.91

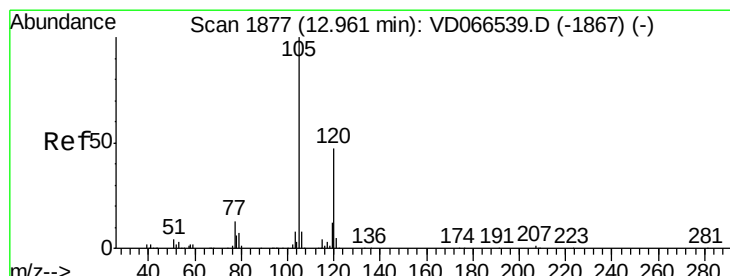
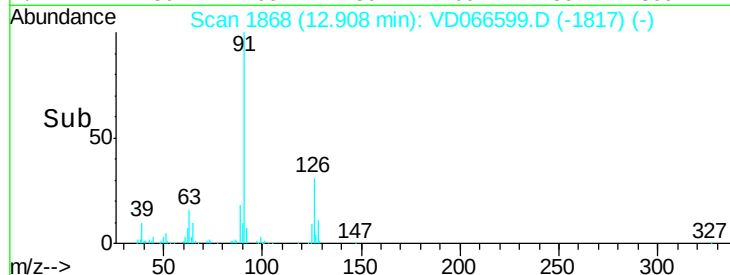
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.039 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066599.D

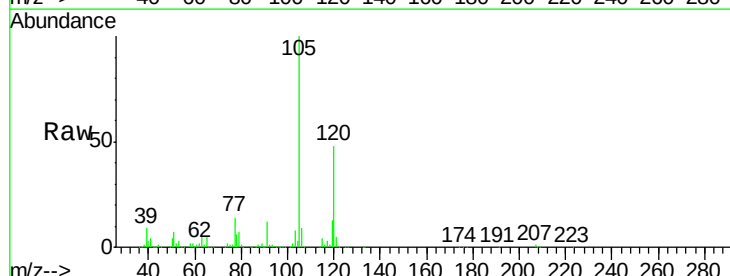
Acq: 10 Sep 2020 00:21

Tgt Ion: 105 Resp: 308593

Ion Ratio Lower Upper

105 100

120 46.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VD066539.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD066539.D (-1867) (-)

12.96

200000

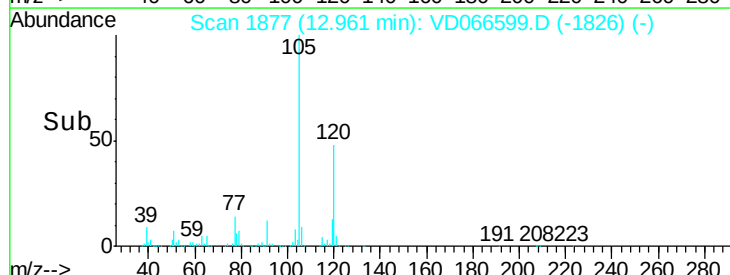
150000

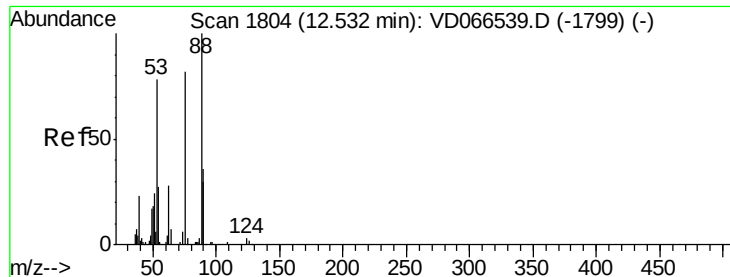
100000

50000

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Time-->





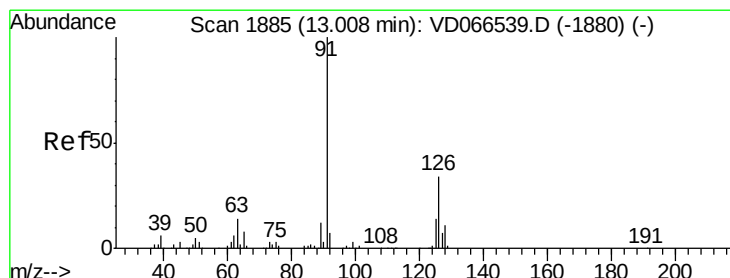
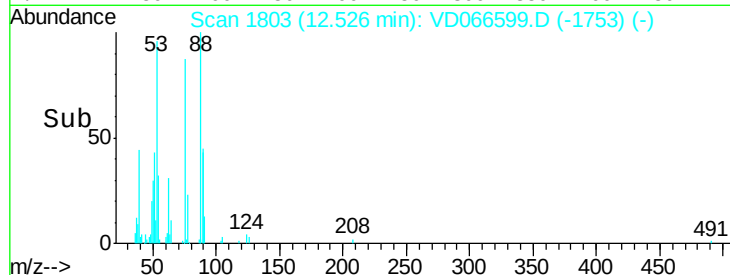
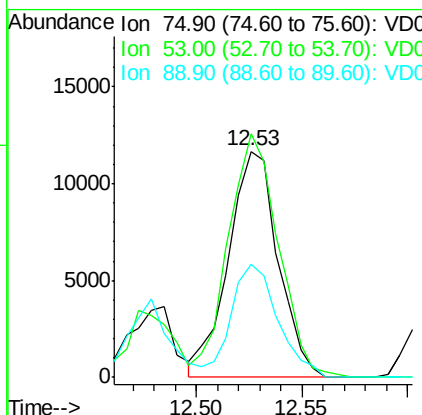
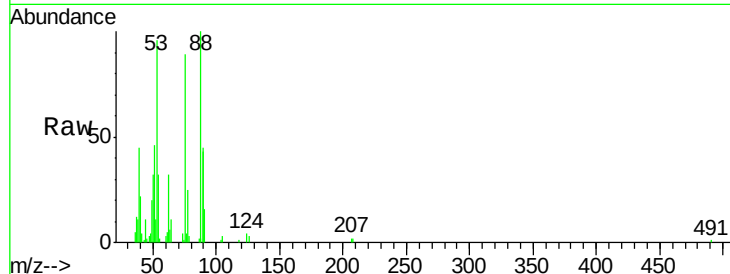
#81
trans-1,4-Dichloro-2-butene
Concen: 19.635 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.8	87.0	130.4
89	47.2	37.1	55.7

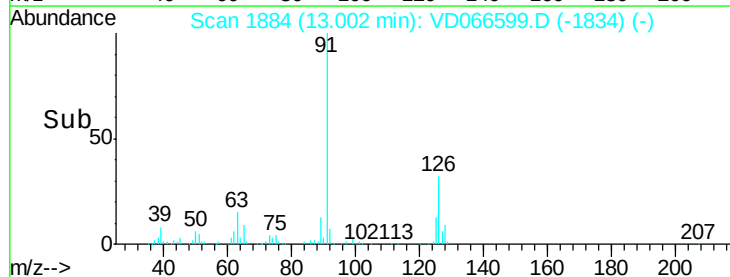
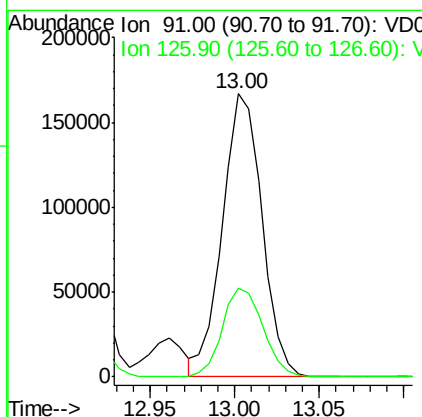
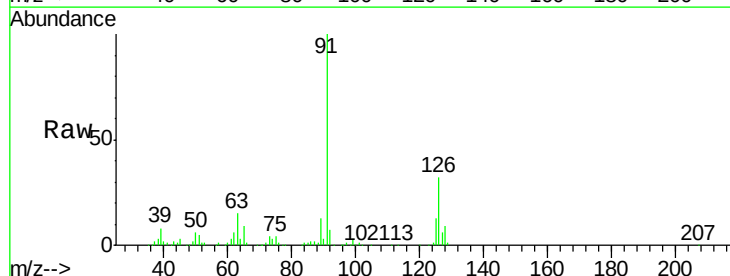
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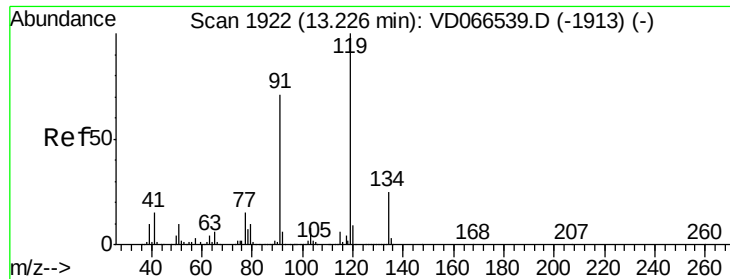
MMDadoda
9/10/2020 10:47:08 AM



#82
4-Chlorotoluene
Concen: 21.457 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





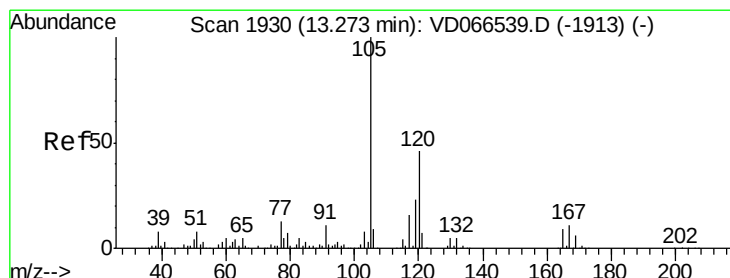
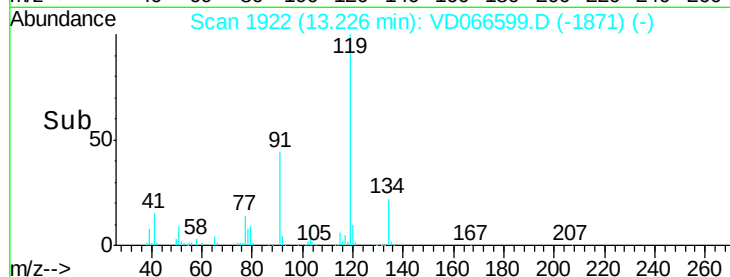
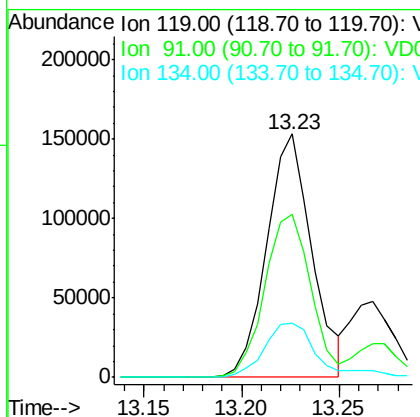
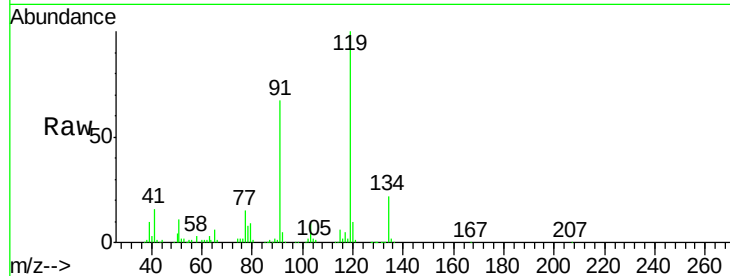
#83
 tert-Butylbenzene
 Concen: 20.447 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.5	35.2	105.6
134	26.5	13.5	40.5

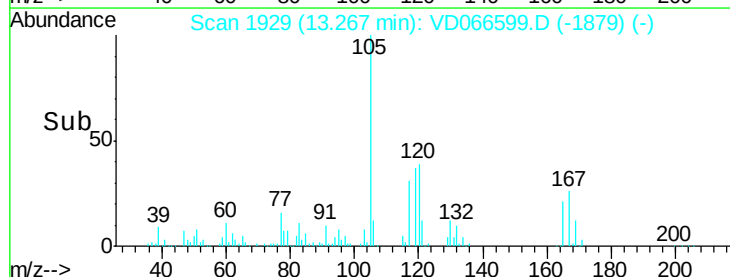
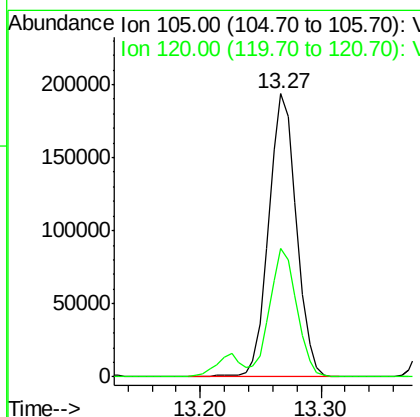
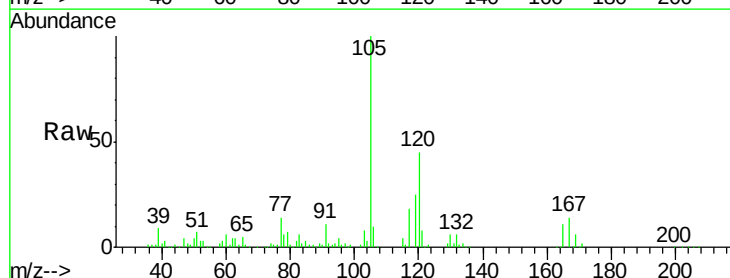
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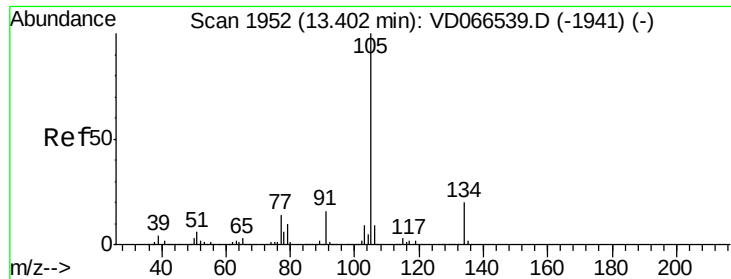
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.215 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.325 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion:105 Resp: 350750

Ion Ratio Lower Upper

105 100

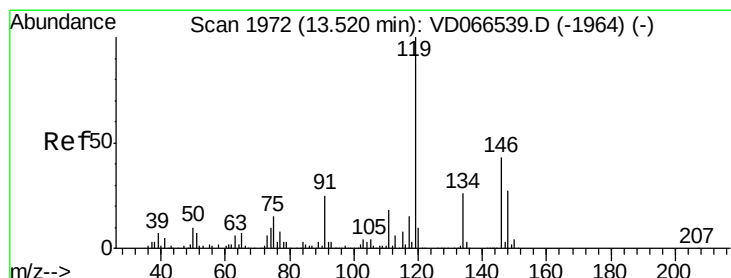
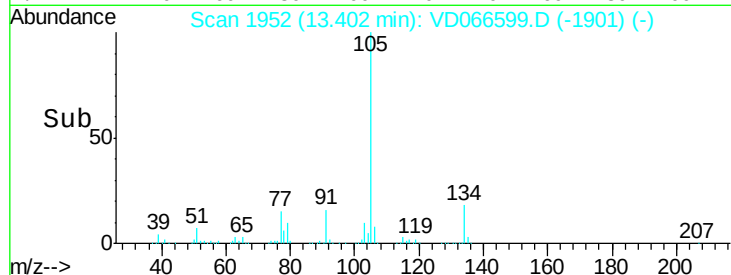
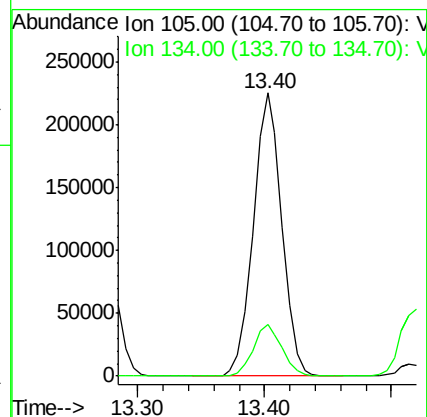
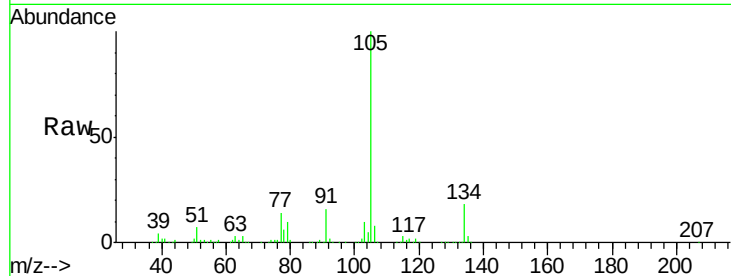
134 18.4 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 20.194 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

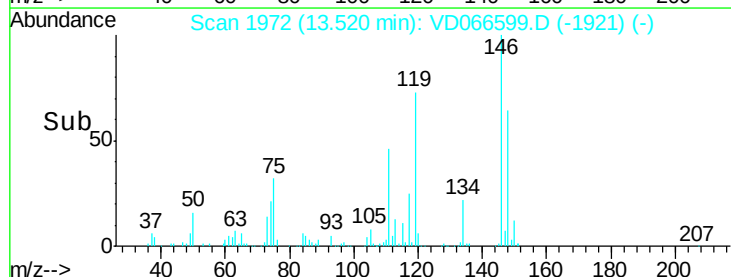
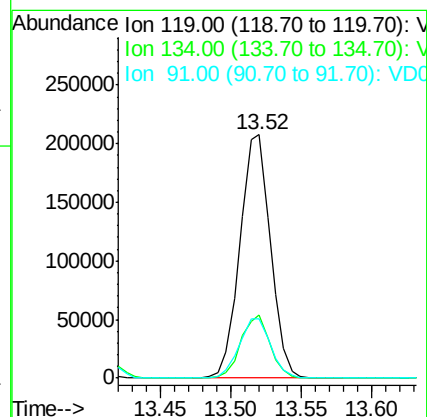
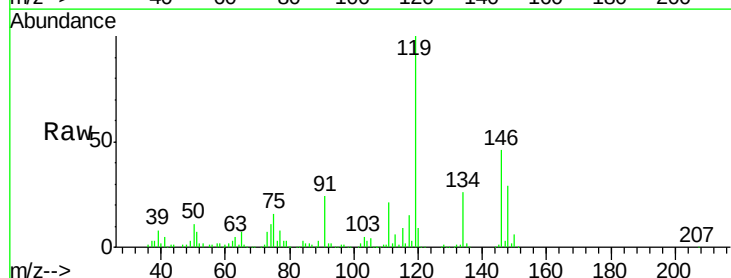
Tgt Ion:119 Resp: 313655

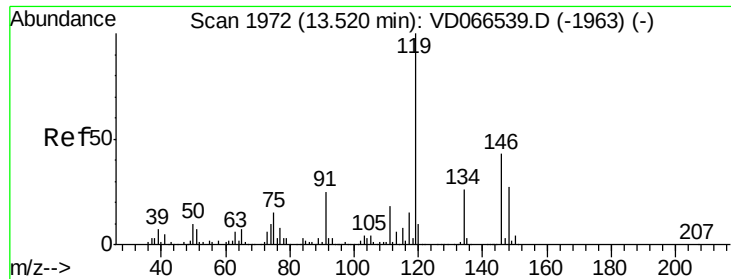
Ion Ratio Lower Upper

119 100

134 24.6 12.7 38.0

91 25.3 12.5 37.5





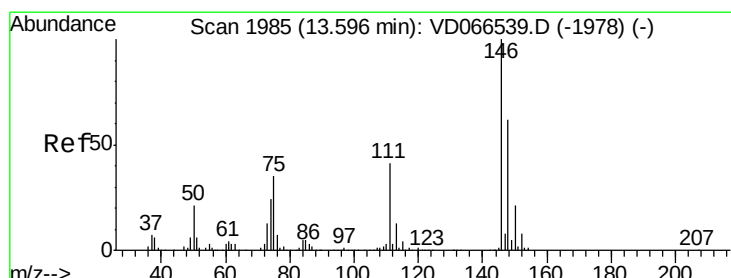
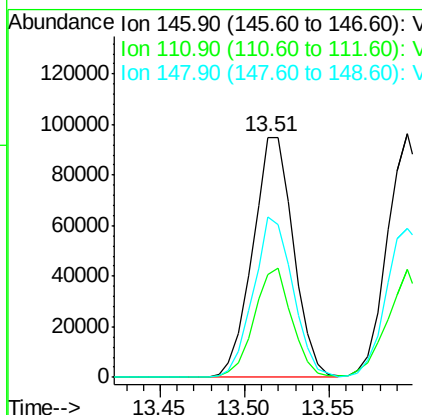
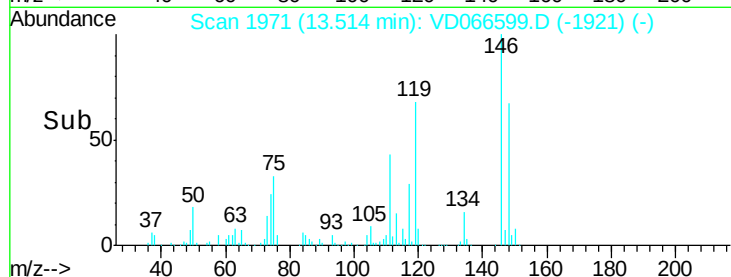
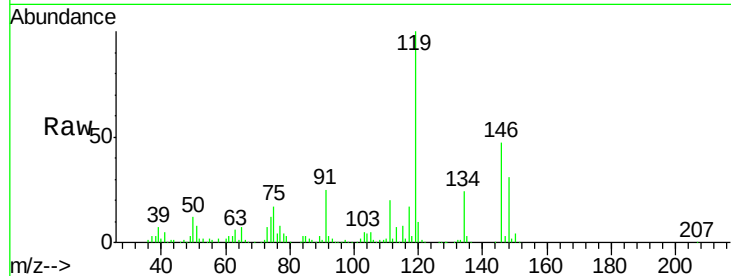
#87
 1,3-Dichlorobenzene
 Concen: 20.698 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	159648		
111	42.0	20.6	61.9	
148	64.8	32.1	96.3	

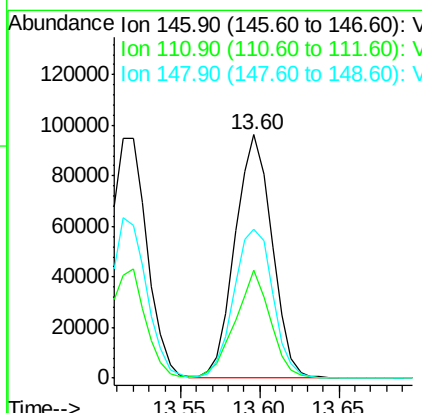
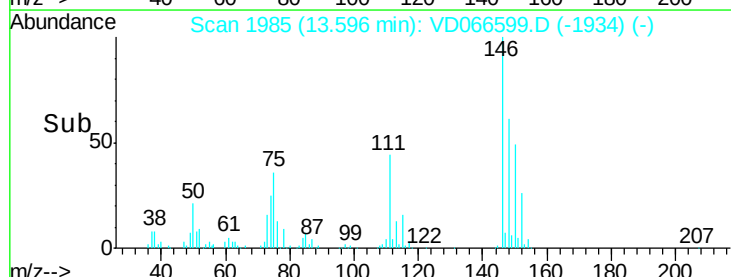
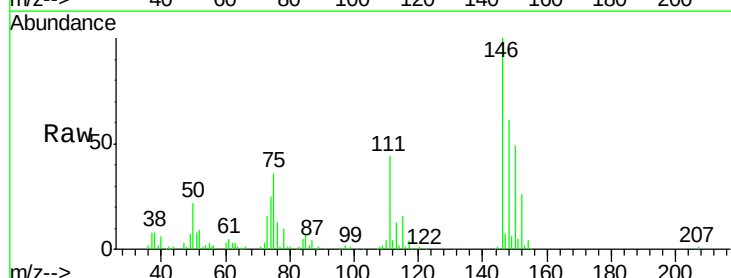
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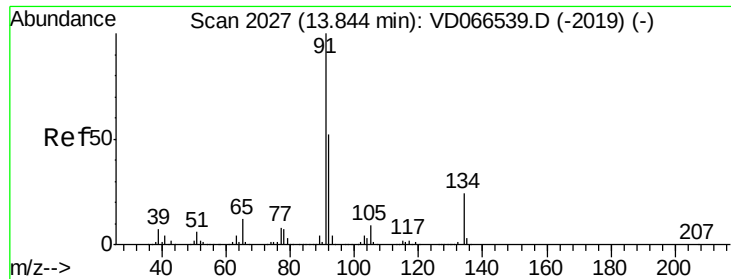
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#88
 1,4-Dichlorobenzene
 Concen: 20.142 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155936		
111	42.7	20.1	60.2	
148	64.8	31.6	94.8	





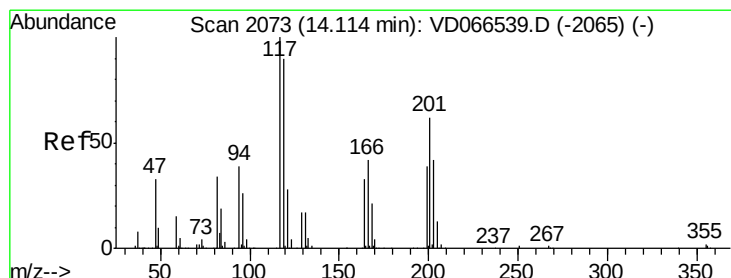
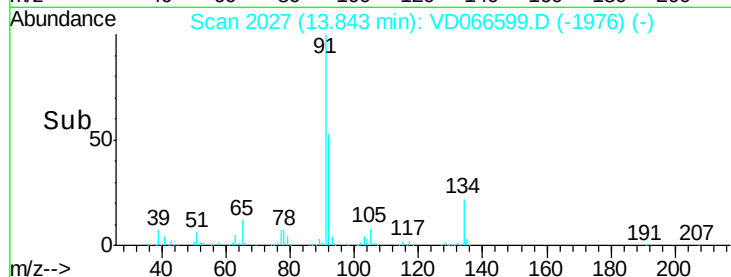
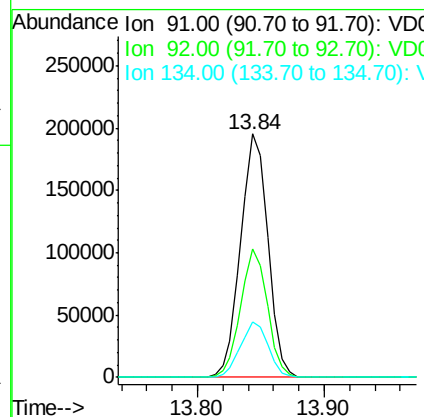
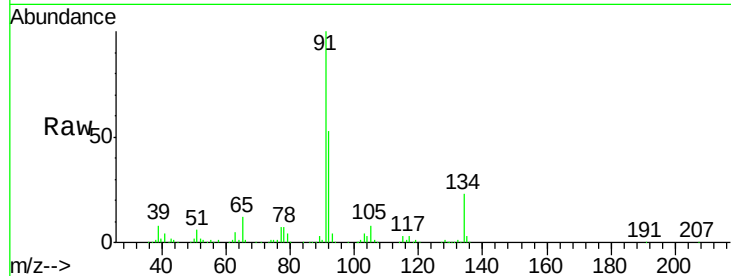
#89
n-Butylbenzene
Concen: 19.260 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	291513		
92	51.6	26.5	79.5	
134	23.2	12.1	36.3	

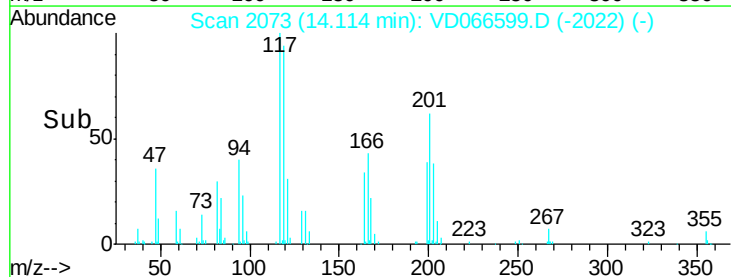
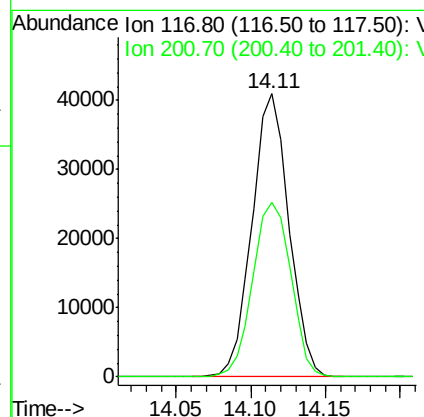
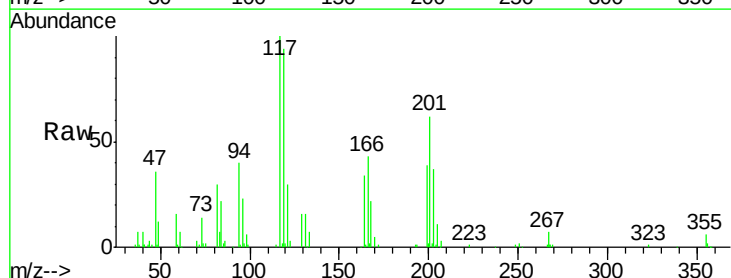
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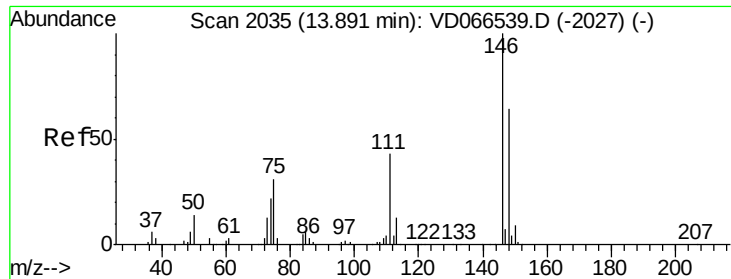
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#90
Hexachloroethane
Concen: 20.936 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70068		
201	63.8	31.9	95.5	





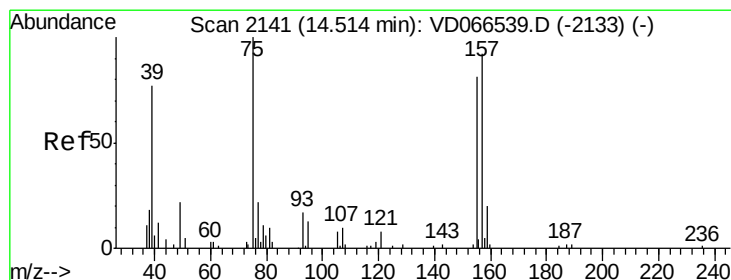
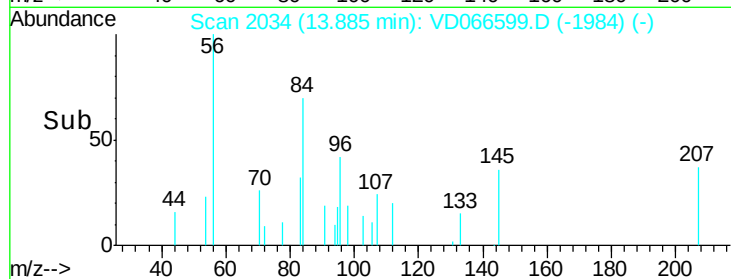
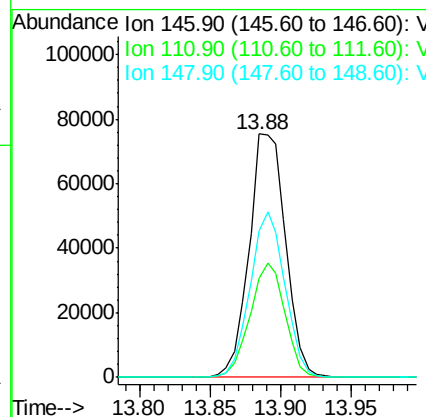
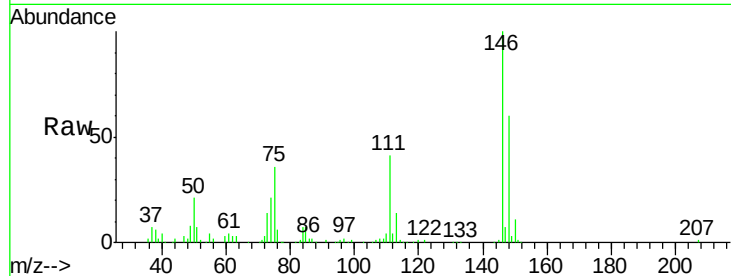
#91
 1,2-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 13.88 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	136965		
111	44.8	21.1	63.4	
148	64.9	31.8	95.3	

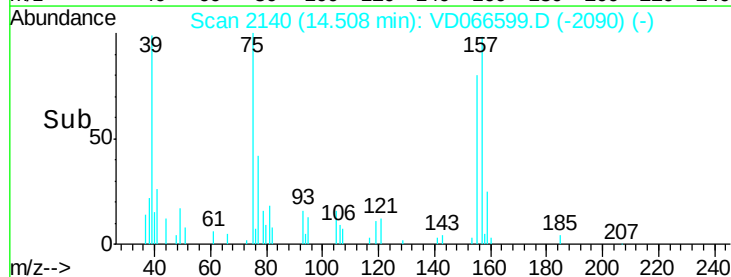
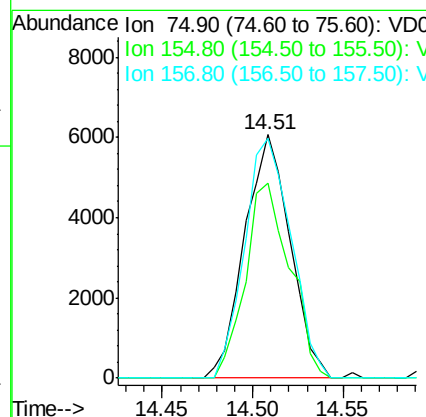
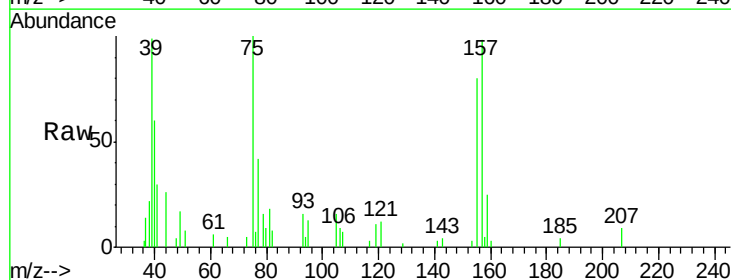
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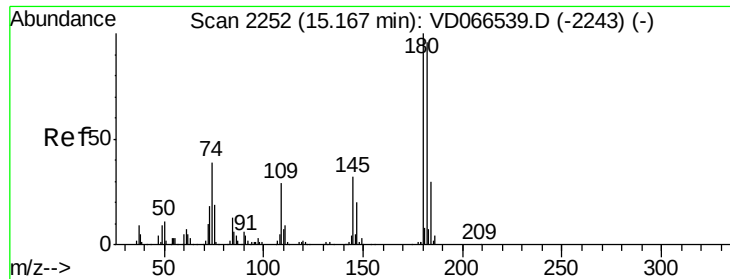
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.245 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10588		
155	78.2	39.3	117.8	
157	100.9	46.0	137.8	





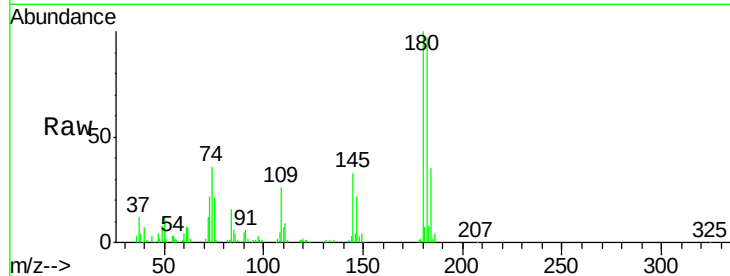
#93
 1,2,4-Trichlorobenzene
 Concen: 19.891 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

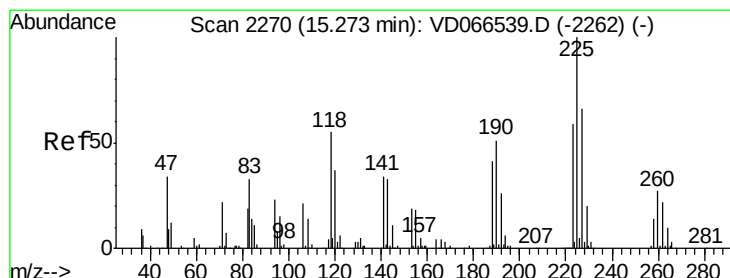
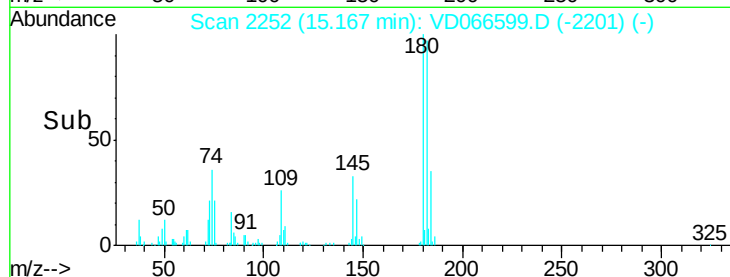
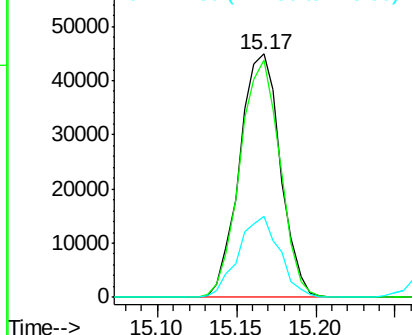
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	48.4	145.0	
145	33.6	16.7	50.0	

Manual Integrations
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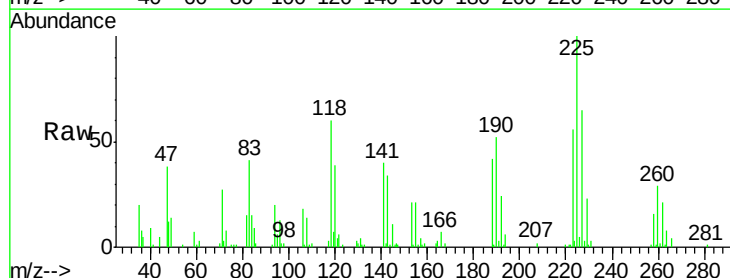


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

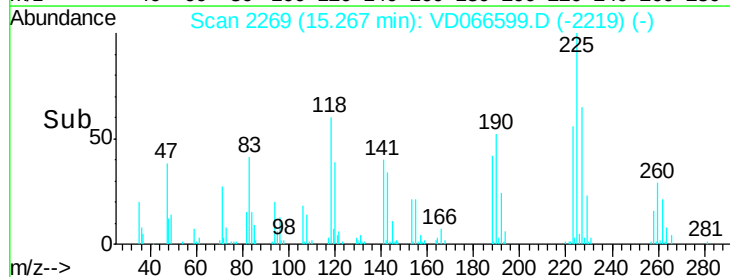
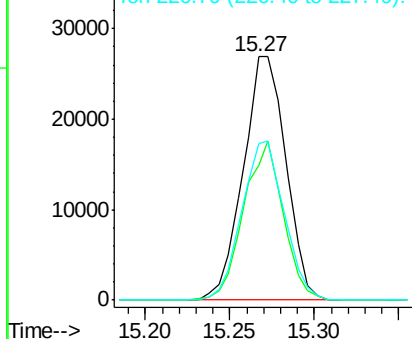


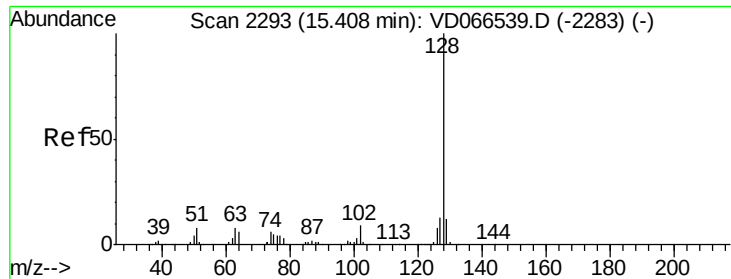
#94
 Hexachlorobutadiene
 Concen: 19.523 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	30.5	91.5	
227	64.6	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.039 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

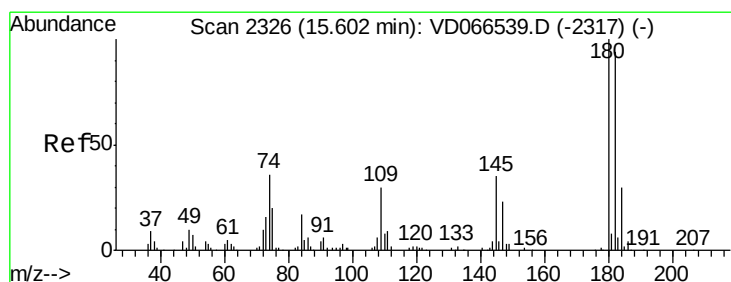
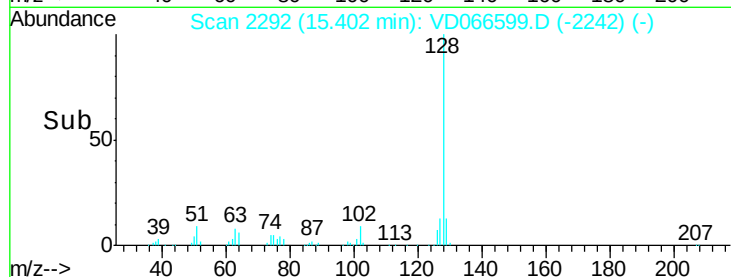
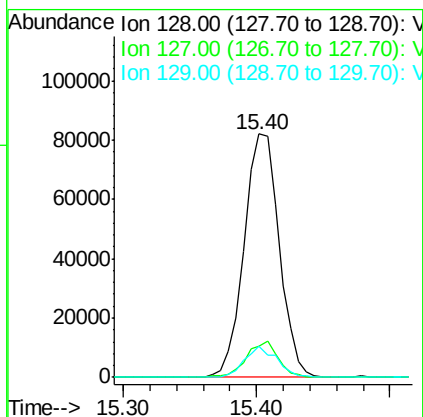
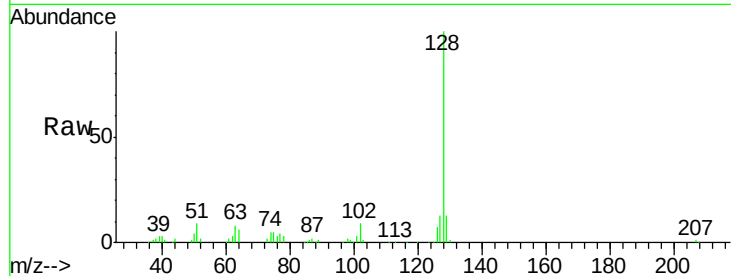
ClientSampleId :

VD0909SBSD02

Tot Ion:	128	Resp:	148751
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	11.7	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/10/2020 10:47:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.623 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion:	180	Resp:	74589
Ion Ratio	Lower	Upper	
180	100		
182	90.5	47.9	143.6
145	33.4	17.3	51.7

