

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066598.D
 Acq On : 09 Sep 2020 23:54
 Operator : VA/SY
 Sample : VD0909SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:47:03 AM

Quant Time: Sep 10 03:06:57 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	308596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	547166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	507098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226086	60.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.10%	
35) Dibromofluoromethane	7.91	113	206127	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
50) Toluene-d8	10.34	98	732294	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
62) 4-Bromofluorobenzene	12.63	95	247260	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	66640	24.110	ug/l	87
3) Chloromethane	2.21	50	88514	22.681	ug/l	98
4) Vinyl Chloride	2.35	62	98242	22.697	ug/l	95
5) Bromomethane	2.76	94	72851	24.282	ug/l	91
6) Chloroethane	2.91	64	64376	23.415	ug/l	95
7) Trichlorofluoromethane	3.27	101	142369	22.265	ug/l	97
8) Diethyl Ether	3.71	74	36315	22.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	74485	21.523	ug/l	100
10) Methyl Iodide	4.30	142	62413	22.204	ug/l	99
11) Tert butyl alcohol	5.21	59	31645	110.085	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	69120	22.231	ug/l	98
13) Acrolein	3.91	56	13997	91.684	ug/l	91
14) Allyl chloride	4.71	41	114399	22.451	ug/l	97
15) Acrylonitrile	5.42	53	79065	114.306	ug/l	99
16) Acetone	4.16	43	67810	98.705	ug/l	97
17) Carbon Disulfide	4.41	76	225143	22.027	ug/l	97
18) Methyl Acetate	4.71	43	40713	24.860	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	168145	23.062	ug/l	94
20) Methylene Chloride	4.96	84	109957	26.222	ug/l	87
21) trans-1,2-Dichloroethene	5.47	96	82803	22.427	ug/l	99
22) Diisopropyl ether	6.36	45	250647	23.920	ug/l	96
23) Vinyl Acetate	6.30	43	695544	116.644	ug/l	99
24) 1,1-Dichloroethane	6.26	63	151526	22.995	ug/l	97
25) 2-Butanone	7.21	43	100888	109.398	ug/l	98
26) 2,2-Dichloropropane	7.21	77	123691	20.464	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	91882	23.142	ug/l	99
28) Bromochloromethane	7.54	49	54975	21.670	ug/l	98
29) Tetrahydrofuran	7.56	42	67308	117.191	ug/l	98
30) Chloroform	7.71	83	166112	23.828	ug/l	98
31) Cyclohexane	7.98	56	124850	20.497	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	144408	22.033	ug/l	100
36) 1,1-Dichloropropene	8.11	75	117148	20.573	ug/l	98
37) Ethyl Acetate	7.28	43	47362	20.888	ug/l	98
38) Carbon Tetrachloride	8.09	117	123242	20.476	ug/l	94

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 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)
39) Methylcyclohexane	9.35	83	123137	19.365	ug/l	95
40) Benzene	8.34	78	335089	21.486	ug/l	99
41) Methacrylonitrile	7.52	41	22224m	20.248	ug/l	
42) 1,2-Dichloroethane	8.42	62	109065	21.584	ug/l	99
43) Isopropyl Acetate	8.44	43	94702	21.794	ug/l	99
44) Trichloroethene	9.11	130	86419	21.125	ug/l	92
45) 1,2-Dichloropropane	9.38	63	84942	21.658	ug/l	94
46) Dibromomethane	9.47	93	47265	21.844	ug/l	97
47) Bromodichloromethane	9.66	83	127982	21.862	ug/l	97
48) Methyl methacrylate	9.45	41	40663	18.506	ug/l	88
49) 1,4-Dioxane	9.46	88	10563	444.971	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	245844	112.182	ug/l	97
52) Toluene	10.40	92	211701	21.444	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	109959	21.277	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	129688	20.897	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	60221	21.646	ug/l	95
56) Ethyl methacrylate	10.66	69	69353	21.410	ug/l	92
57) 1,3-Dichloropropane	10.94	76	106389	21.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	187361	126.454	ug/l	99
59) 2-Hexanone	10.98	43	156751	106.364	ug/l	100
60) Dibromochloromethane	11.14	129	82518	22.430	ug/l	97
61) 1,2-Dibromoethane	11.24	107	59315	21.914	ug/l	98
64) Tetrachloroethene	10.87	164	68696	20.120	ug/l	91
65) Chlorobenzene	11.67	112	219233	20.947	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	83023	20.785	ug/l	97
67) Ethyl Benzene	11.74	91	387750	20.177	ug/l	100
68) m/p-Xylenes	11.85	106	296771	41.590	ug/l	97
69) o-Xylene	12.18	106	132439	20.710	ug/l	98
70) Styrene	12.20	104	234045	21.052	ug/l	98
71) Bromoform	12.36	173	42811	21.267	ug/l #	96
73) Isopropylbenzene	12.48	105	360344	21.262	ug/l	100
74) N-amyl acetate	12.28	43	79442	20.696	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	68318	22.817	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	43569m	19.791	ug/l	
77) Bromobenzene	12.76	156	82737	21.897	ug/l	99
78) n-propylbenzene	12.82	91	444531	21.637	ug/l	99
79) 2-Chlorotoluene	12.91	91	254842	22.111	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	308664	21.639	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	19277	20.443	ug/l	98
82) 4-Chlorotoluene	13.00	91	268839	21.812	ug/l	100
83) tert-Butylbenzene	13.23	119	253902	21.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	308756	21.740	ug/l	97
85) sec-Butylbenzene	13.40	105	358935	21.388	ug/l	98
86) p-Isopropyltoluene	13.52	119	320068	21.189	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	162516	21.665	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	160259	21.286	ug/l	97
89) n-Butylbenzene	13.84	91	288698	19.613	ug/l	99
90) Hexachloroethane	14.11	117	69104	21.232	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	141331	21.556	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10354	20.357	ug/l	94

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ClientSampleId :
VD0909SBS02

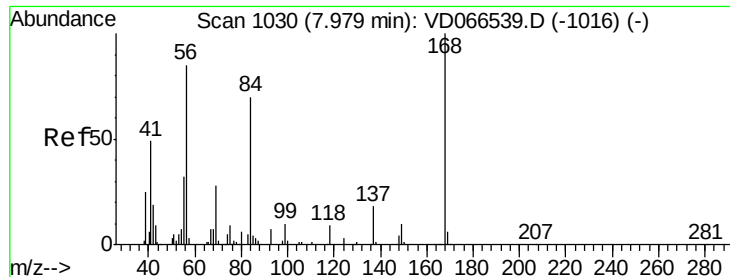
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	81776	20.782	ug/l	99
94) Hexachlorobutadiene	15.27	225	48301	20.432	ug/l	98
95) Naphthalene	15.41	128	155087	22.555	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	74299	22.148	ug/l	95

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



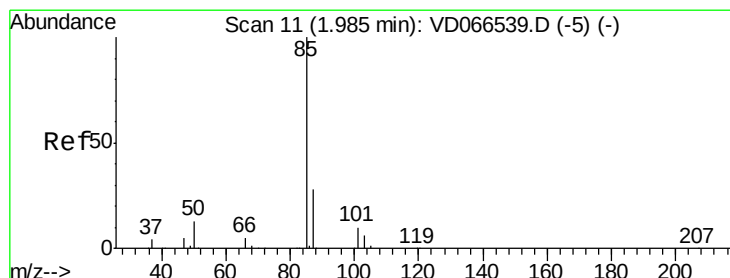
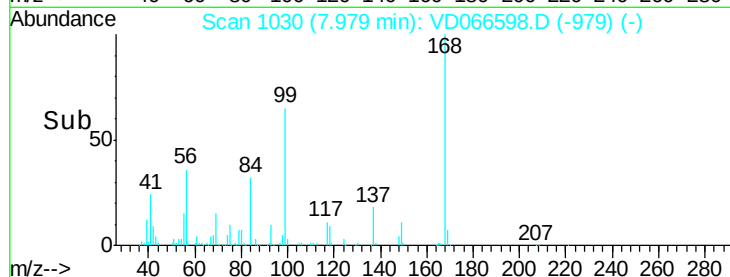
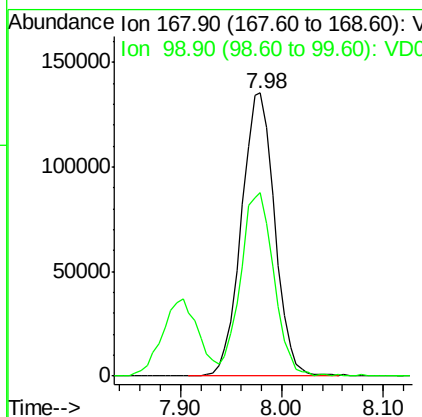
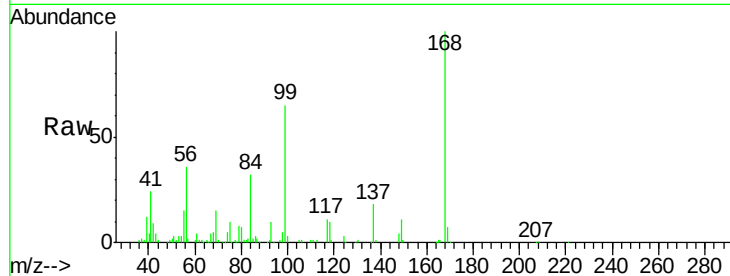
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	64.5	50.5	75.7

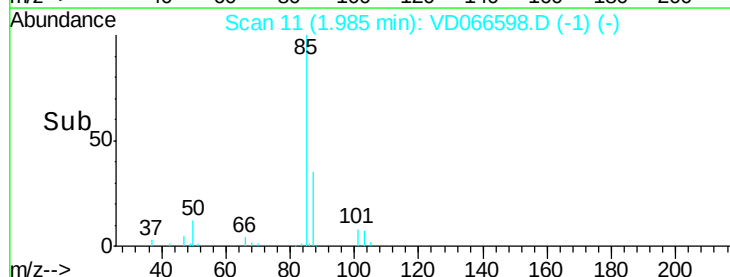
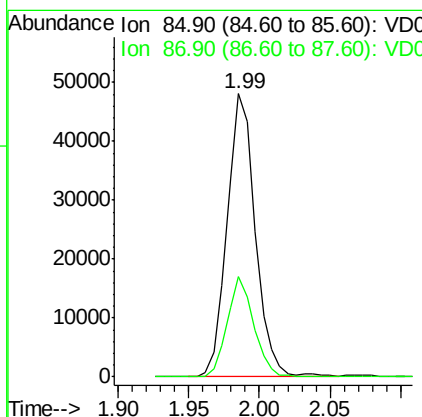
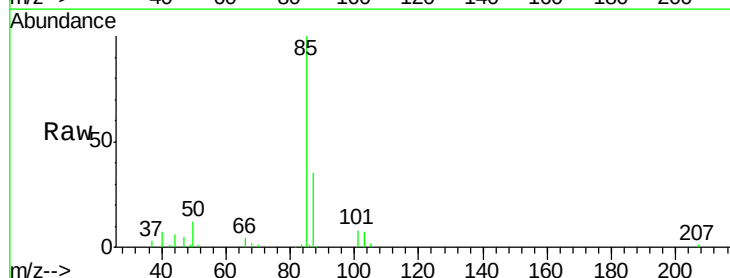
Manual Integrations
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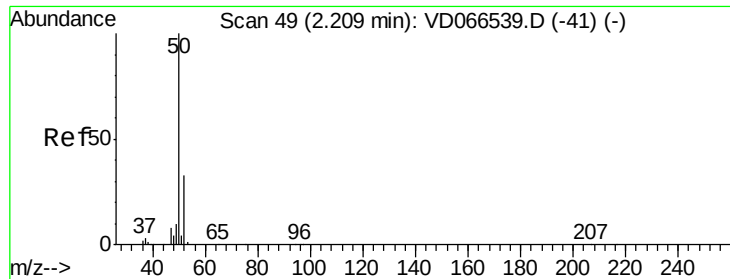
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#2
Dichlorodifluoromethane
Concen: 24.110 ug/l
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.3	14.2	42.6





#3

Chloromethane

Concen: 22.681 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 50 Resp: 88514

Ion Ratio Lower Upper

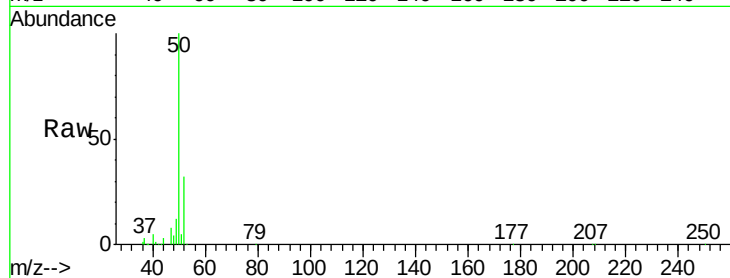
50 100

52 31.8 26.2 39.2

Manual Integrations
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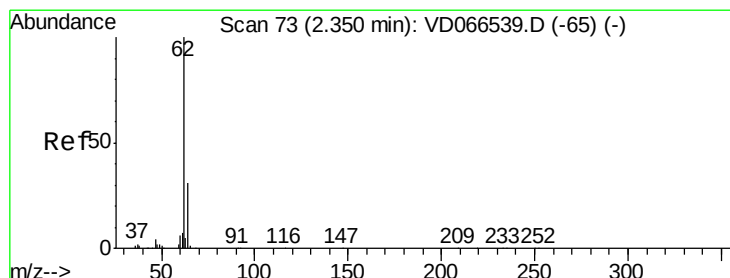
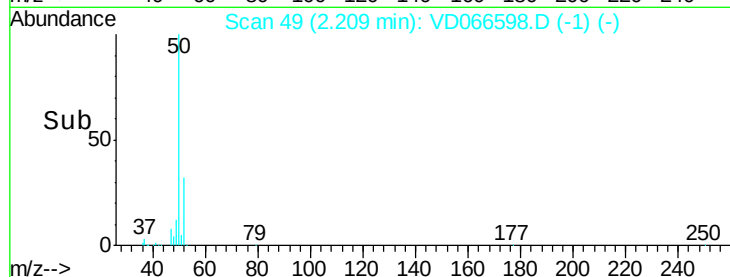
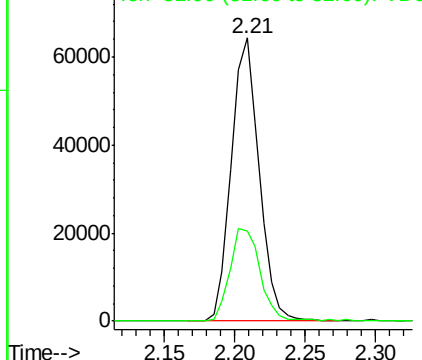
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.697 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066598.D

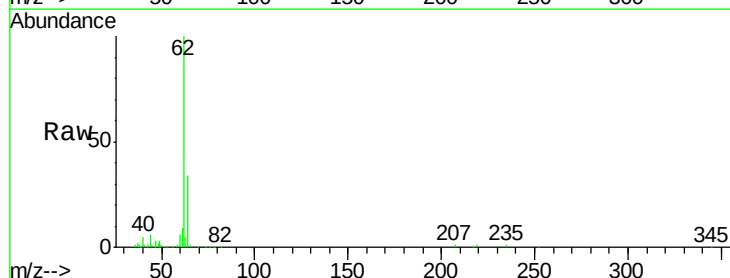
Acq: 09 Sep 2020 23:54

Tgt Ion: 62 Resp: 98242

Ion Ratio Lower Upper

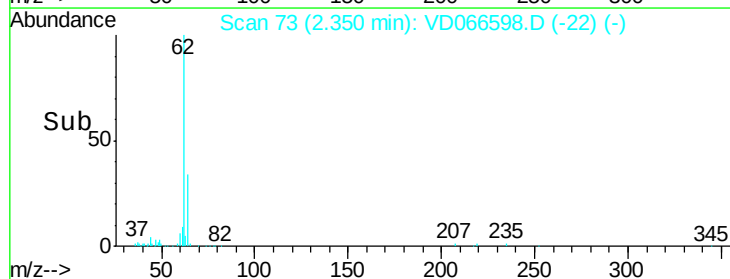
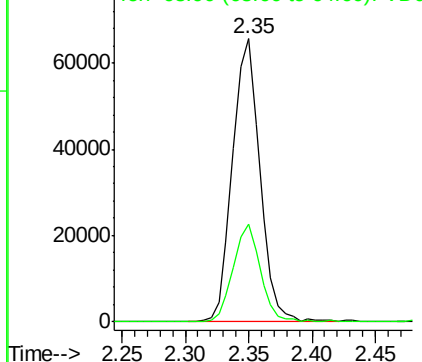
62 100

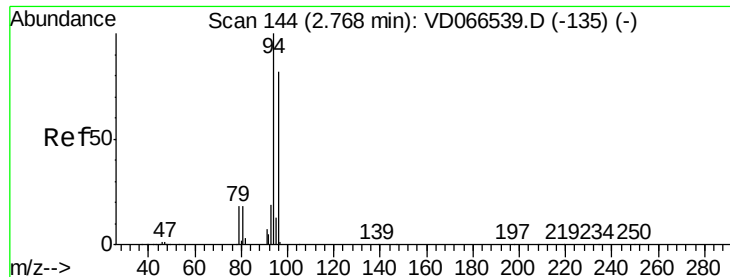
64 34.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 24.282 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 94 Resp: 72851

Ion Ratio Lower Upper

94 100

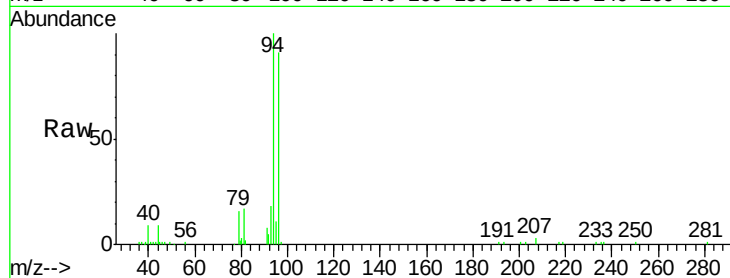
96 89.9 65.2 97.8

Manual Integrations

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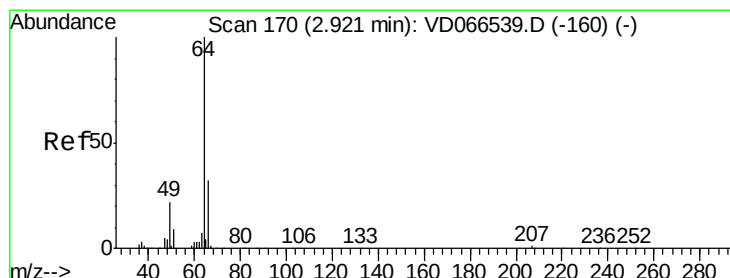
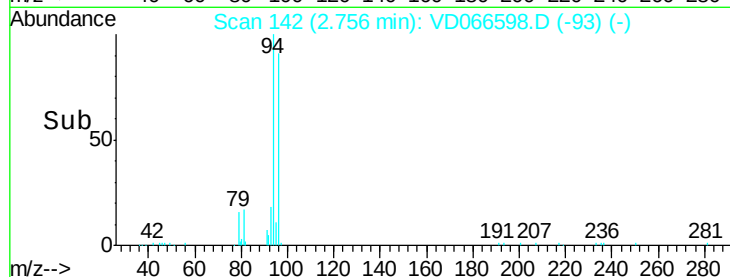
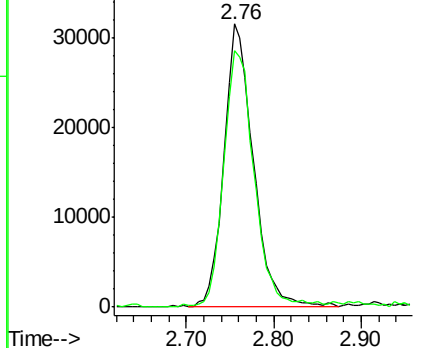
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 23.415 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066598.D

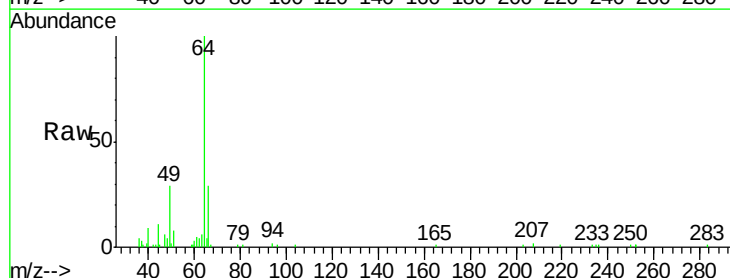
Acq: 09 Sep 2020 23:54

Tgt Ion: 64 Resp: 64376

Ion Ratio Lower Upper

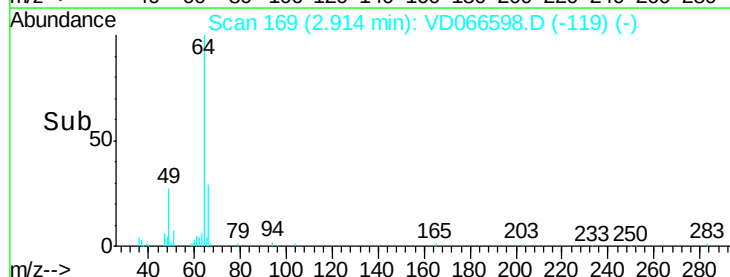
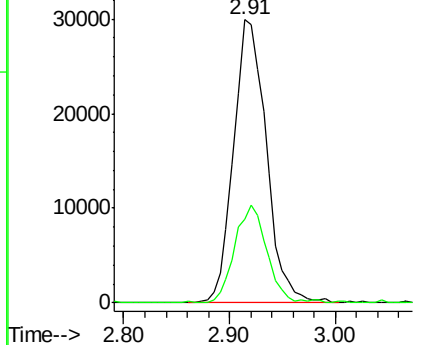
64 100

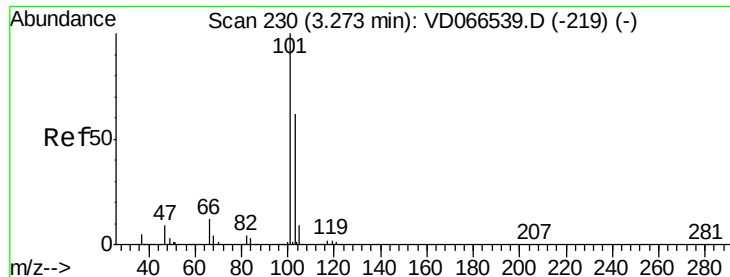
66 28.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

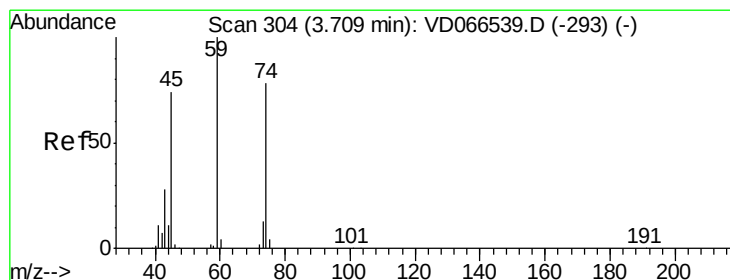
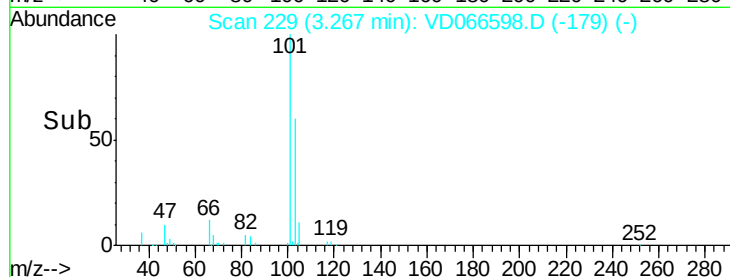
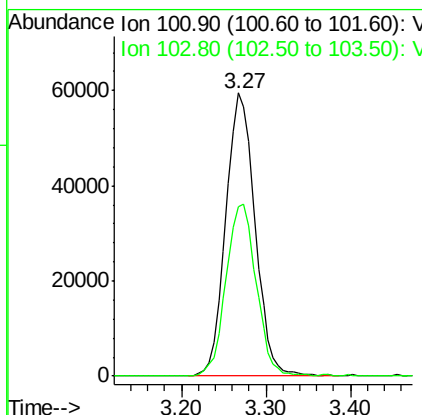
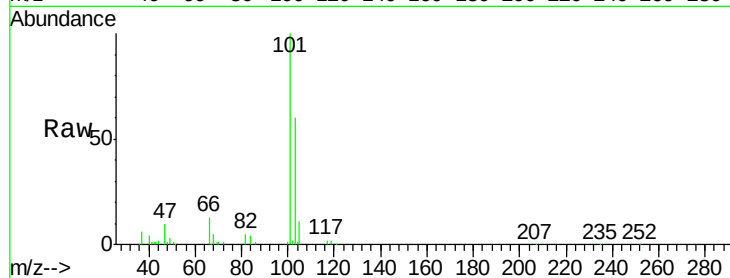
Trichlorofluoromethane
Concen: 22.265 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

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ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	49.7	74.5

Manual Integrations
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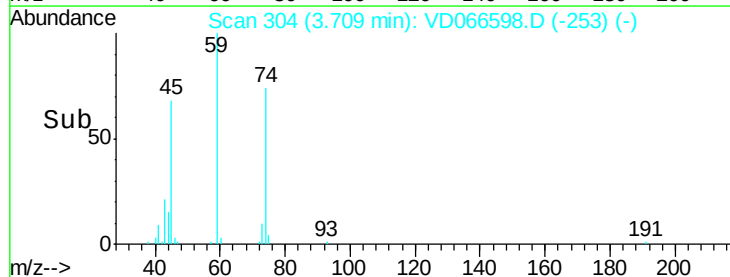
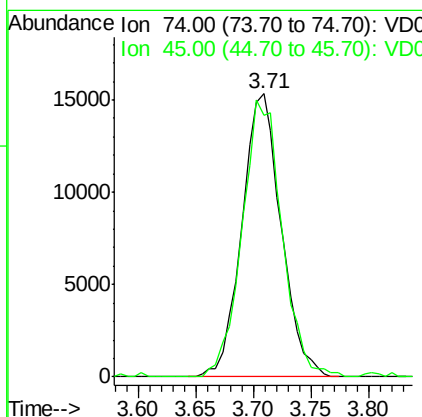
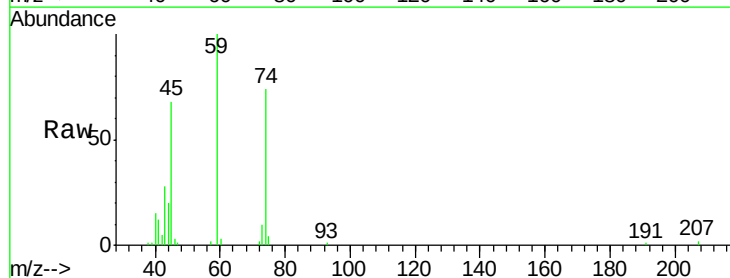
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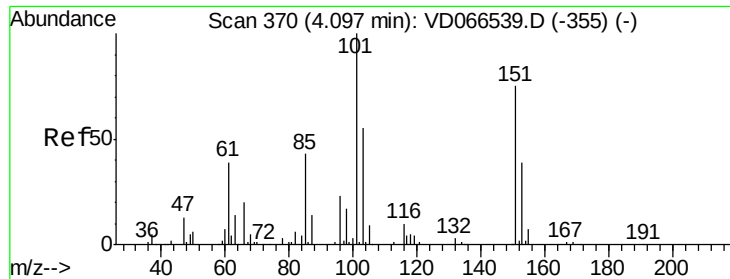


#8

Diethyl Ether
Concen: 22.553 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.523 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

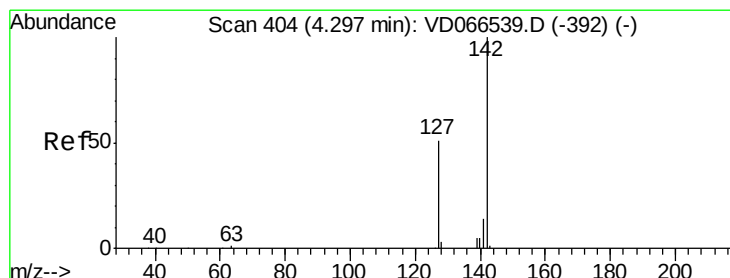
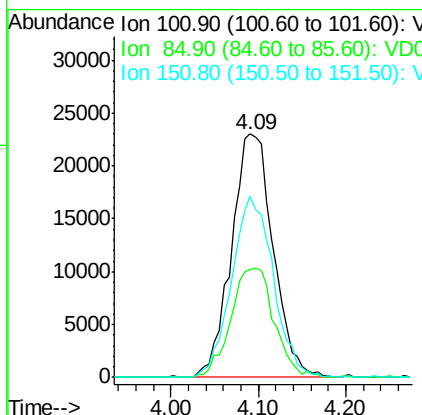
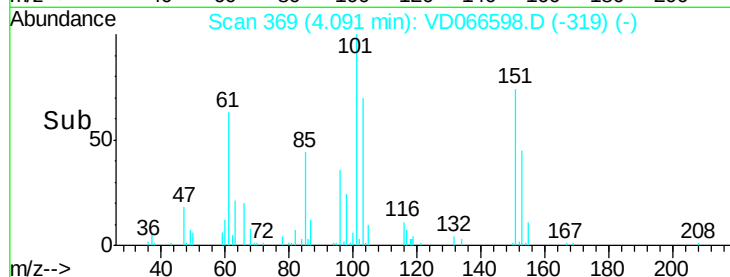
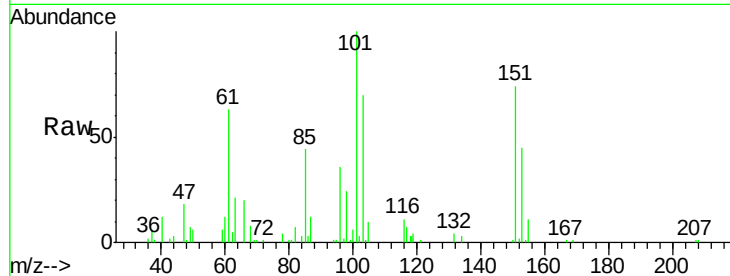
ClientSampleId :

VD0909SBS02

Tot Ion:	101	Resp:	74485
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.0	55.6
151	74.3	59.4	89.2

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#10

Methyl Iodide

Concen: 22.204 ug/l

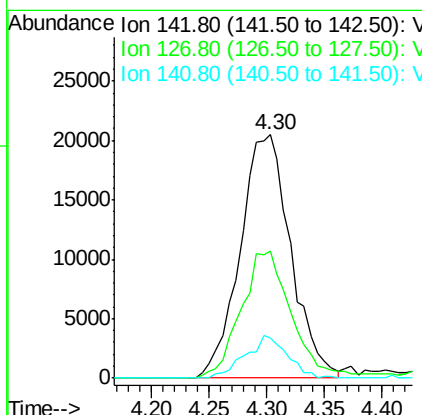
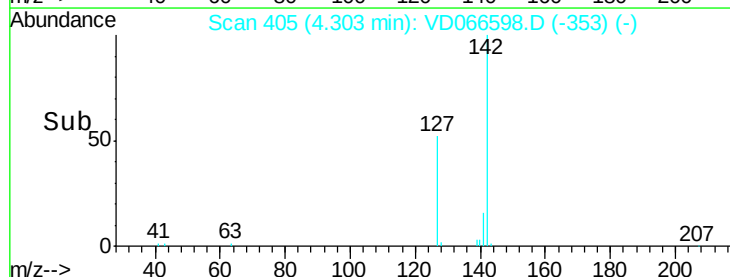
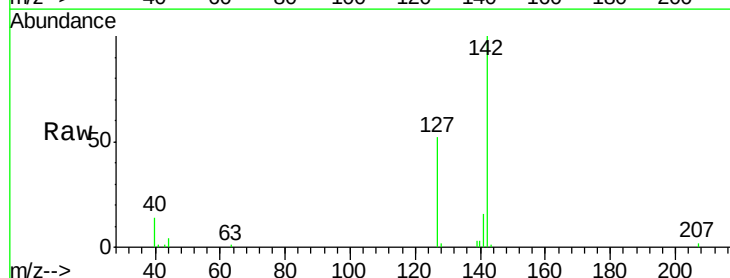
RT: 4.30 min Scan# 405

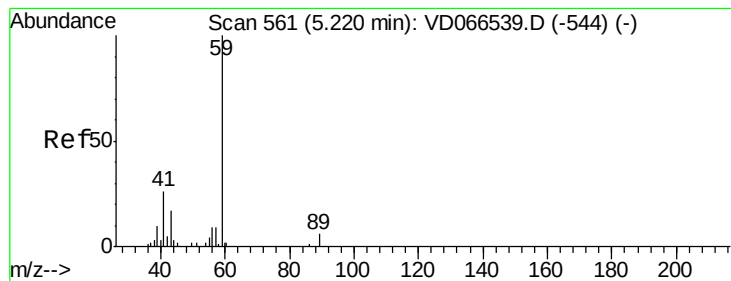
Delta R.T. 0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	142	Resp:	62413
Ion Ratio	Lower	Upper	
142	100		
127	51.6	40.6	61.0
141	14.5	12.2	18.4





#11

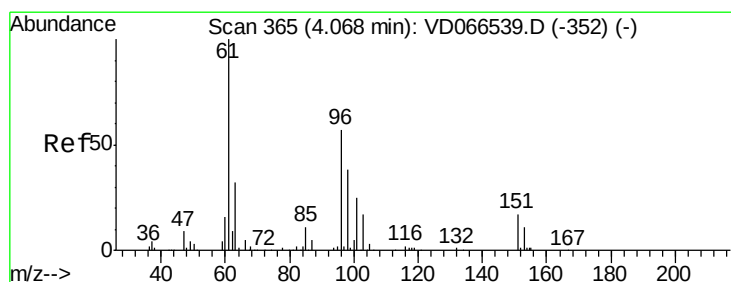
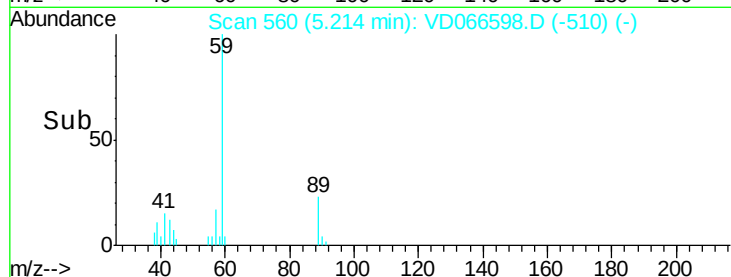
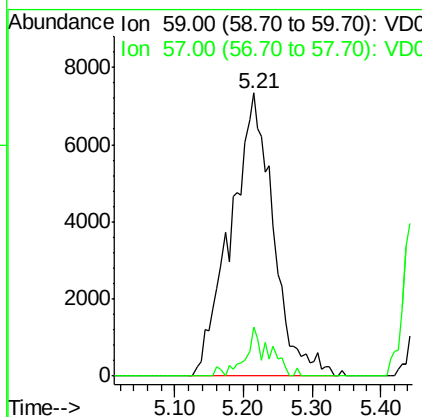
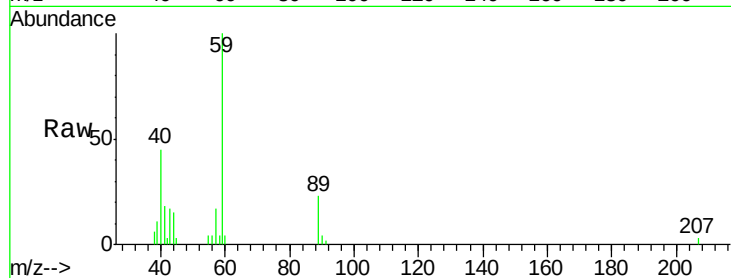
Tert butyl alcohol
 Concen: 110.085 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.4	7.6	11.4#

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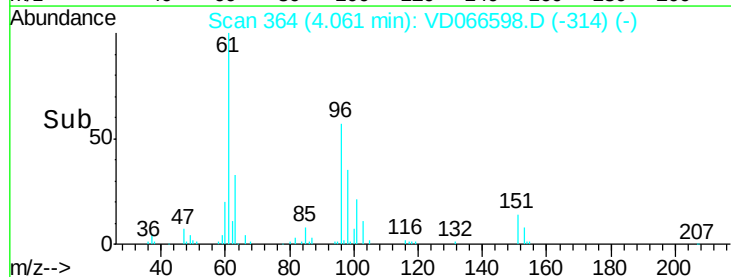
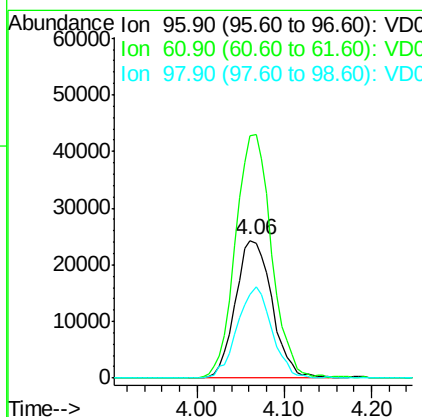
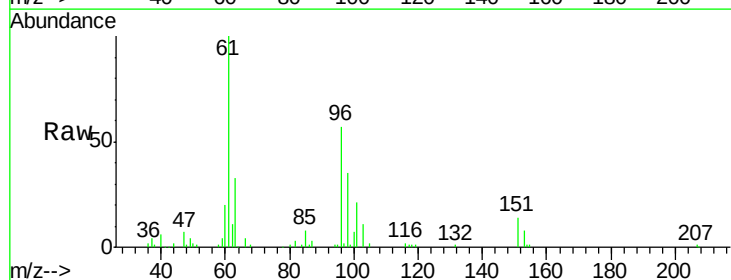
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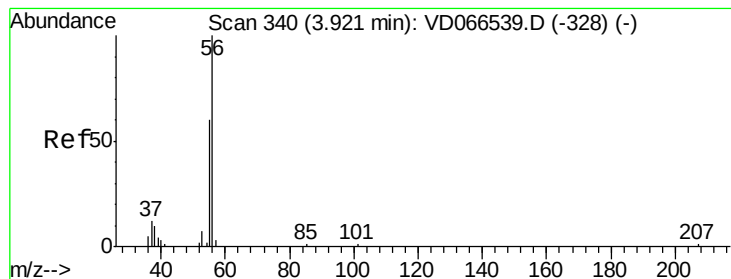


#12

1,1-Dichloroethene
 Concen: 22.231 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.8	140.9	211.3
98	61.0	53.2	79.8





#13

Acrolein

Concen: 91.684 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 56 Resp: 13997

Ion Ratio Lower Upper

56 100

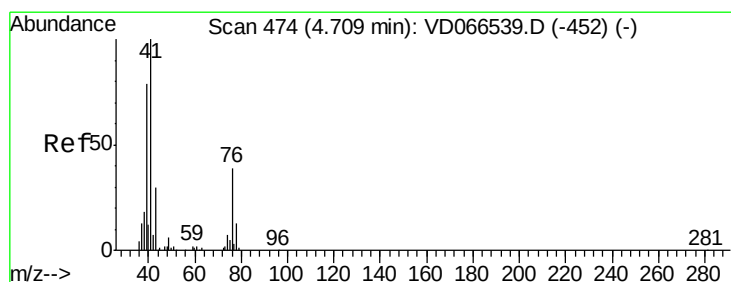
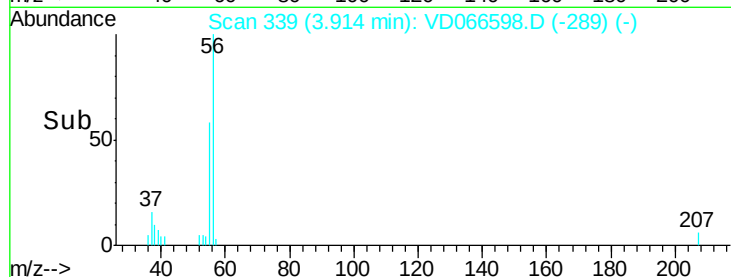
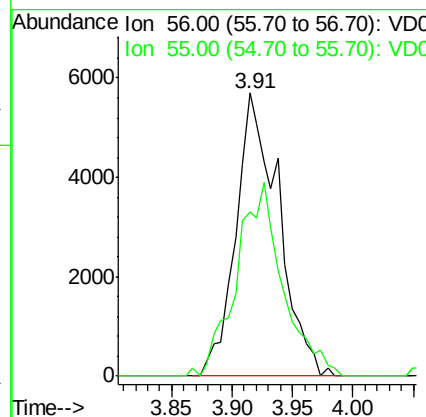
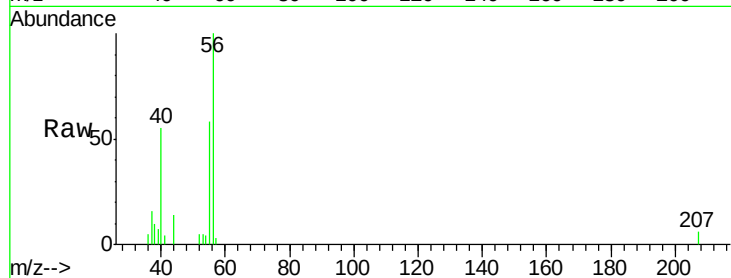
55 74.5 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 22.451 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

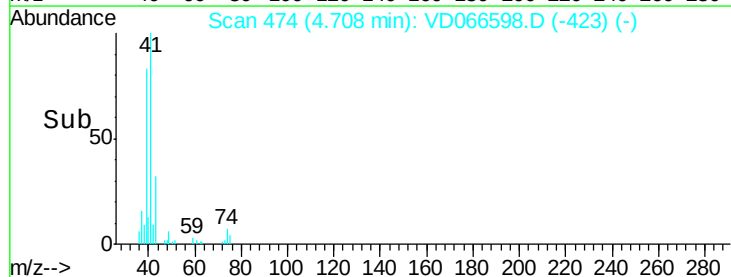
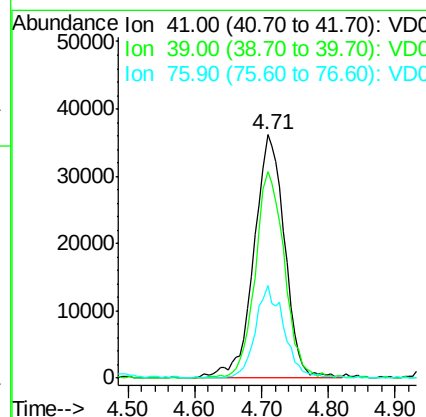
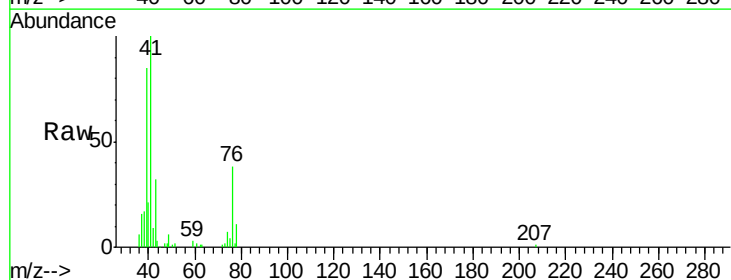
Tgt Ion: 41 Resp: 114399

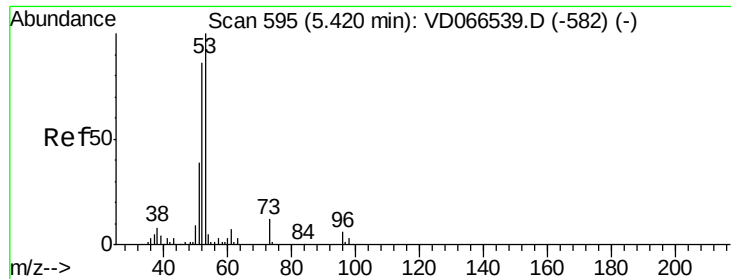
Ion Ratio Lower Upper

41 100

39 80.2 61.9 92.9

76 35.3 29.0 43.6





#15

Acrylonitrile

Concen: 114.306 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

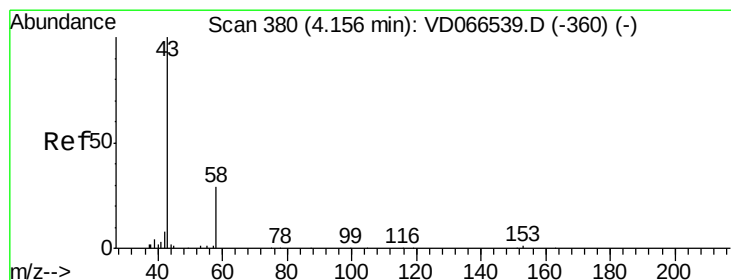
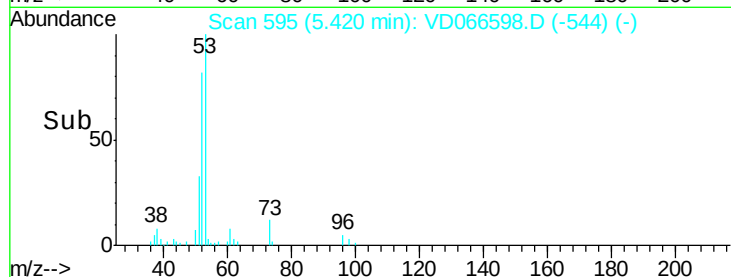
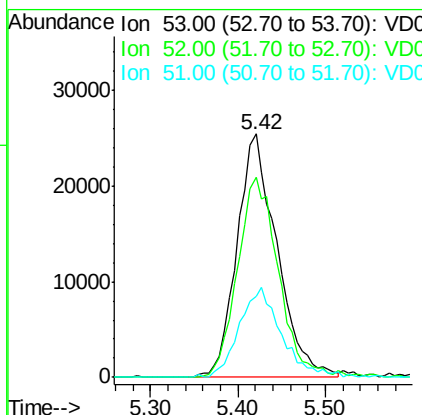
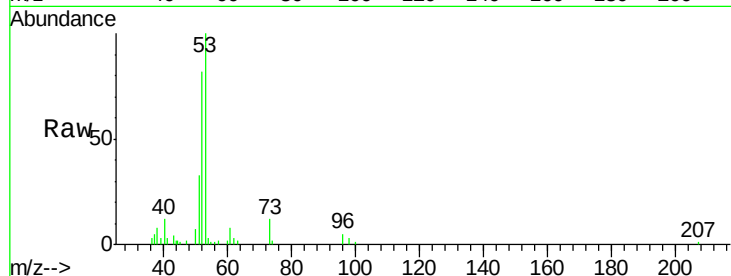
ClientSampleId :

VD0909SBS02

Tot Ion:	53	Resp:	79065
Ion Ratio	Lower	Upper	
53	100		
52	83.6	65.4	98.2
51	38.7	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 98.705 ug/l

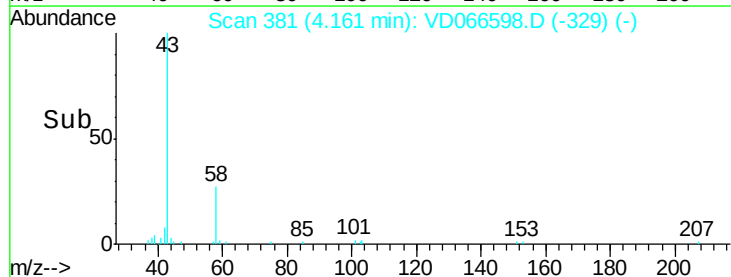
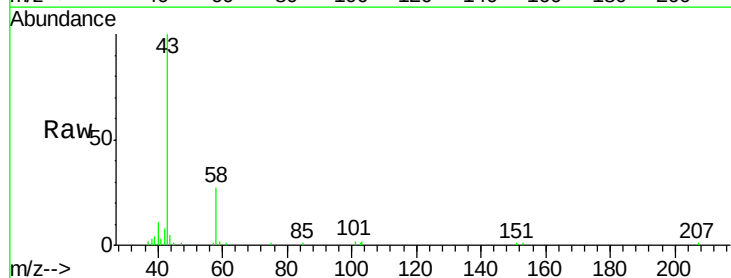
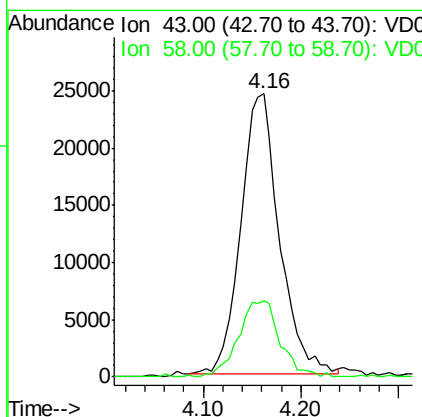
RT: 4.16 min Scan# 381

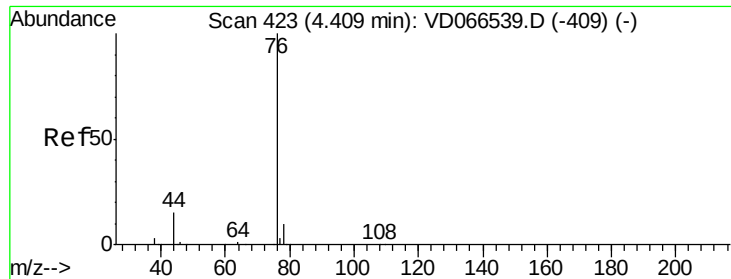
Delta R.T. 0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	43	Resp:	67810
Ion Ratio	Lower	Upper	
43	100		
58	26.9	22.9	34.3





#17

Carbon Disulfide

Concen: 22.027 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 76 Resp: 225143

Ion Ratio Lower Upper

76 100

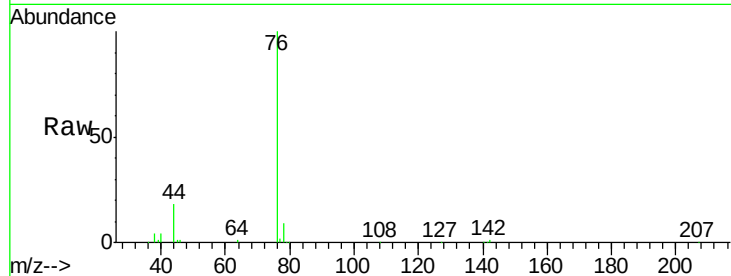
78 8.5 7.6 11.4

Manual Integrations

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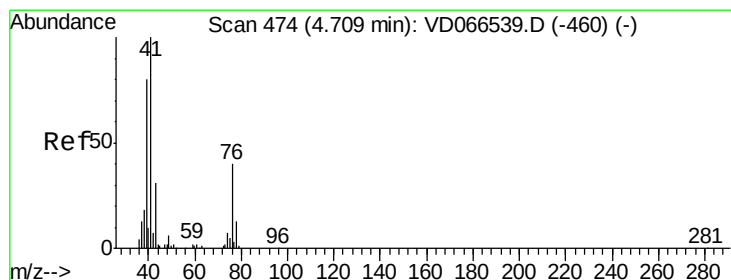
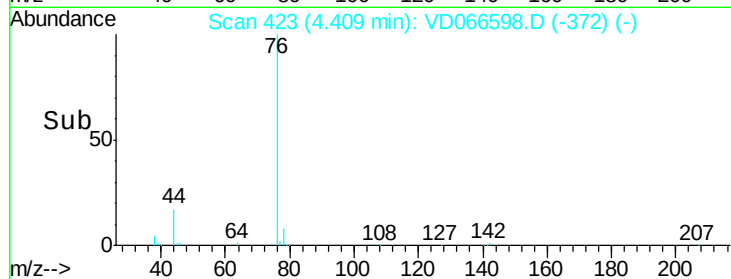
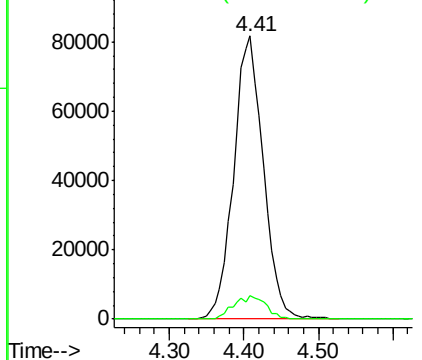
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.860 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066598.D

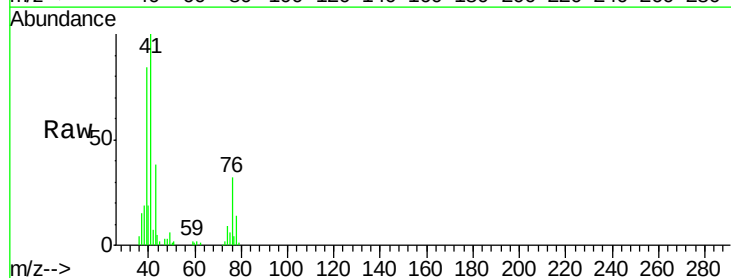
Acq: 09 Sep 2020 23:54

Tgt Ion: 43 Resp: 40713

Ion Ratio Lower Upper

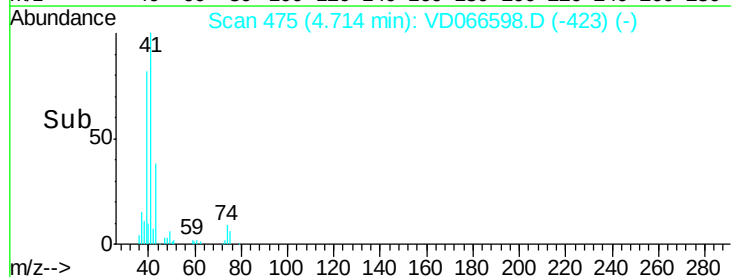
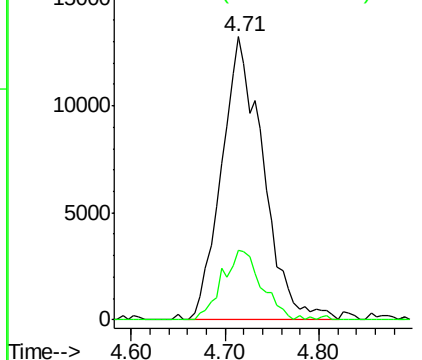
43 100

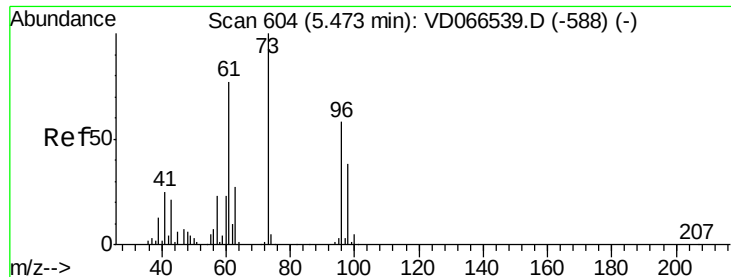
74 23.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





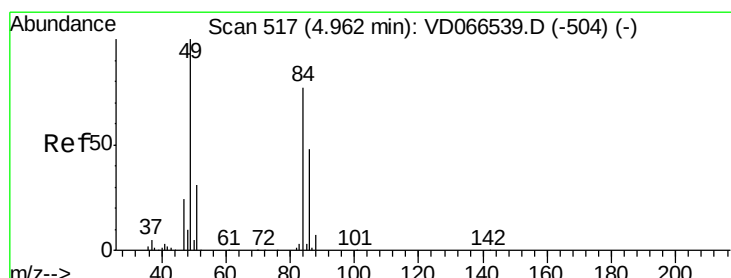
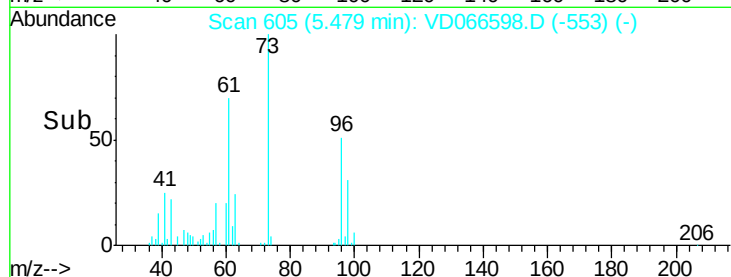
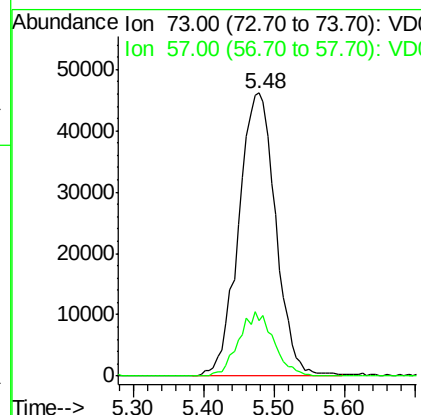
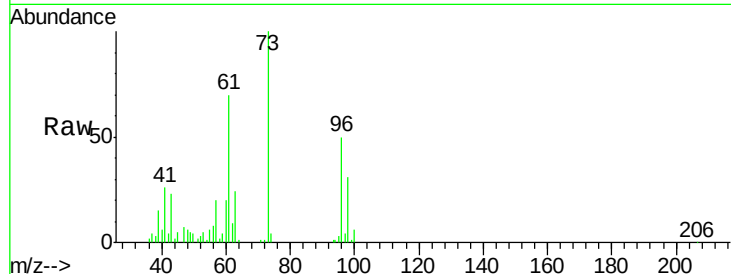
#19
Methyl tert-butyl Ether
Concen: 23.062 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleID :
VD0909SBS02

Tot Ion: 73 Resp: 168145
Ion Ratio Lower Upper
73 100
57 19.8 18.3 27.5

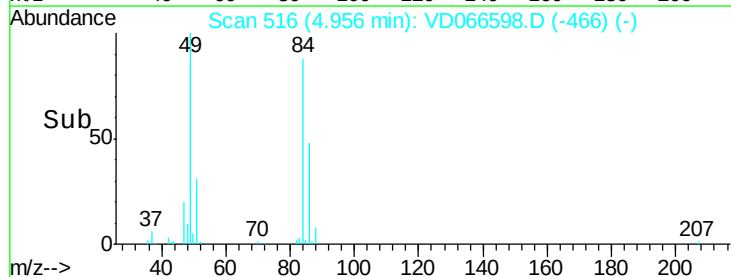
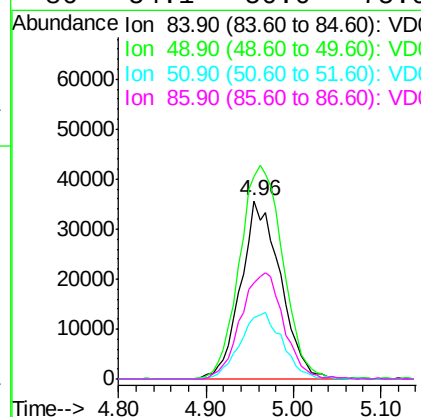
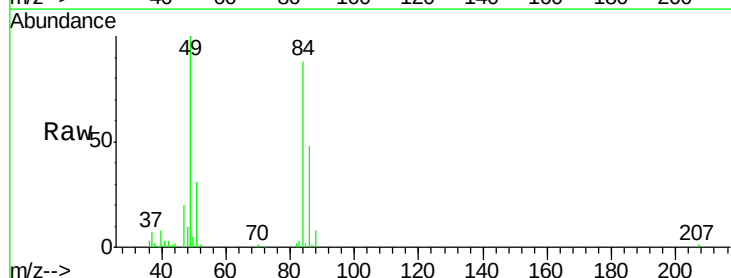
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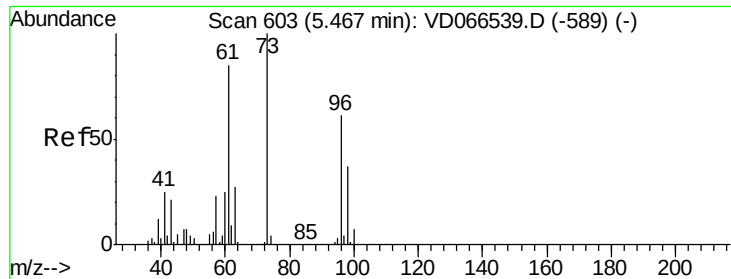
MMDadoda
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#20
Methylene Chloride
Concen: 26.222 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion: 84 Resp: 109957
Ion Ratio Lower Upper
84 100
49 113.1 104.3 156.5
51 34.6 32.2 48.4
86 54.1 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 22.427 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 96 Resp: 82803

Ion Ratio Lower Upper

96 100

61 138.9 112.1 168.1

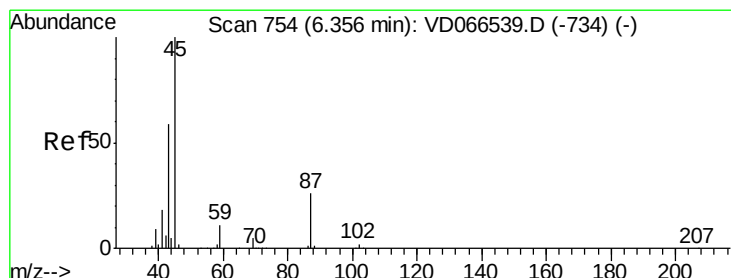
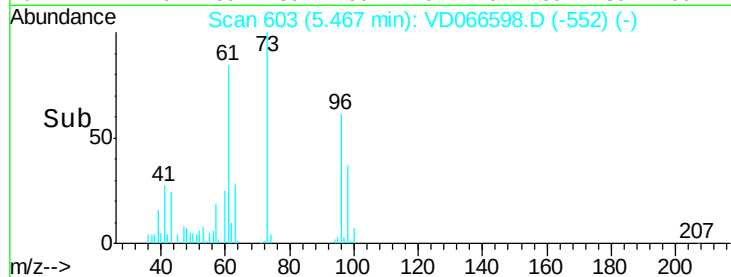
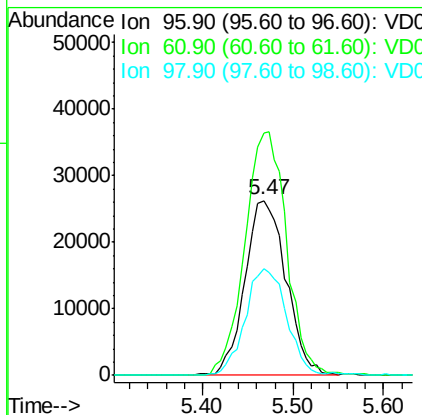
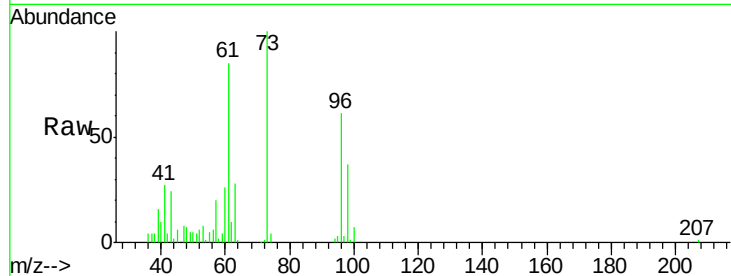
98 61.2 48.6 72.8

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#22

Diisopropyl ether

Concen: 23.920 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion: 45 Resp: 250647

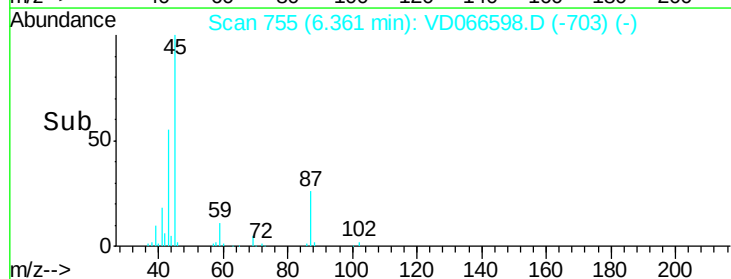
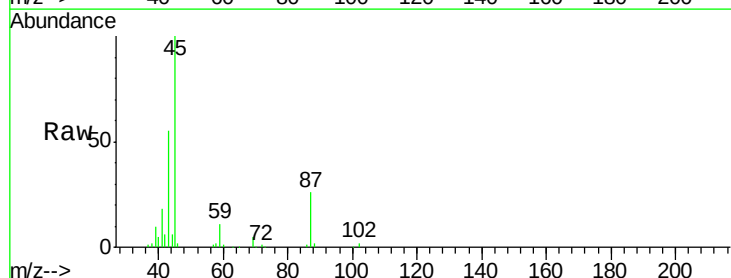
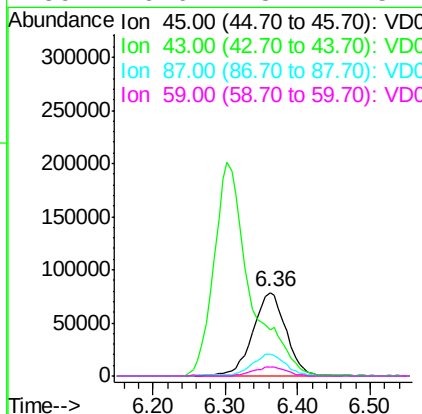
Ion Ratio Lower Upper

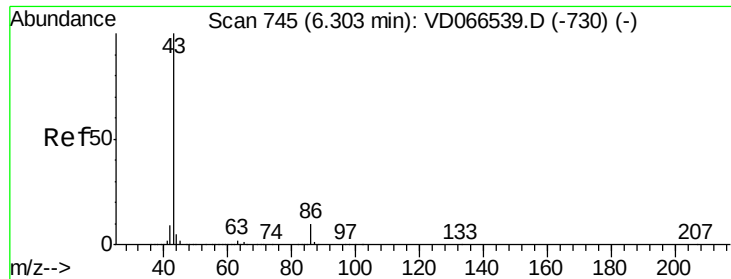
45 100

43 53.7 47.0 70.4

87 26.4 21.3 31.9

59 10.6 8.7 13.1





#23

Vinyl Acetate

Concen: 116.644 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 43 Resp: 695544

Ion Ratio Lower Upper

43 100

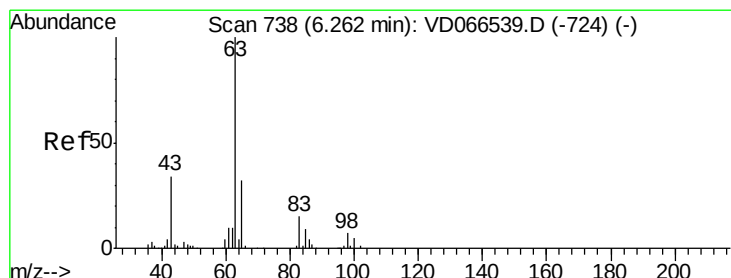
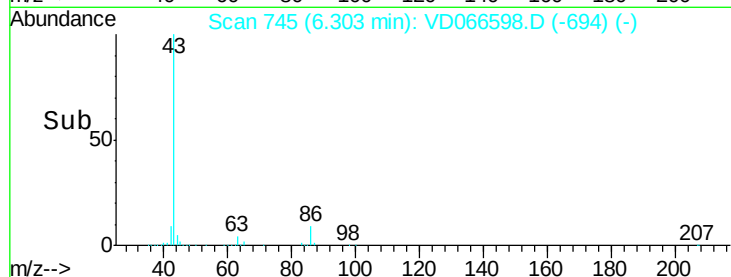
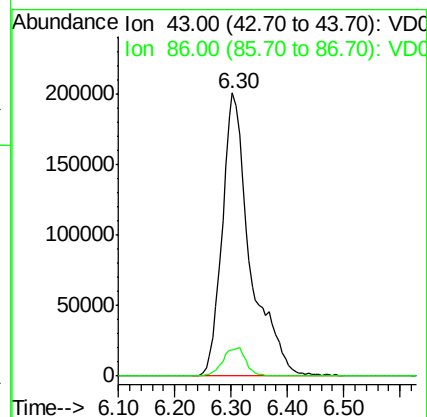
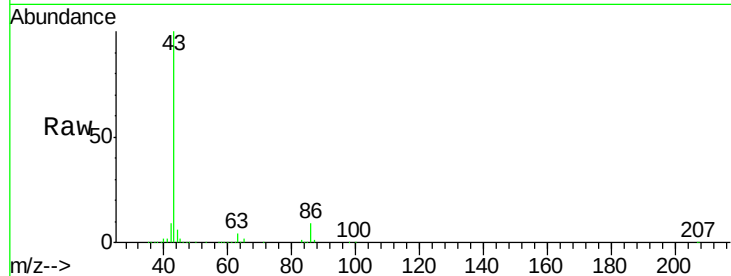
86 9.2 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.995 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

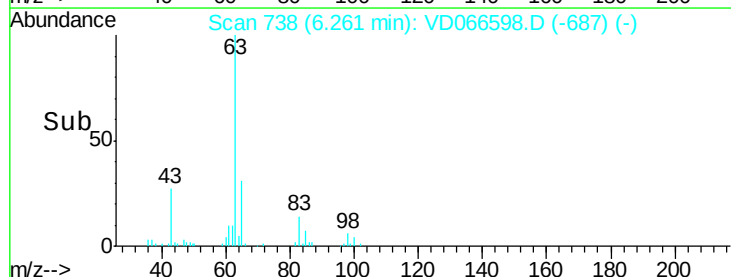
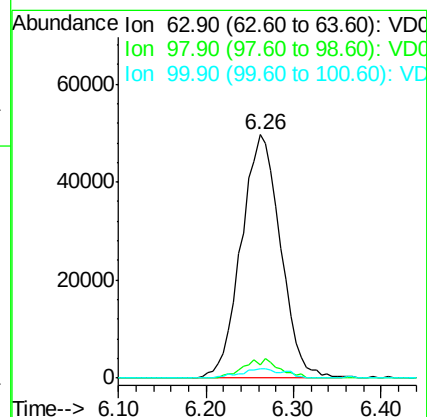
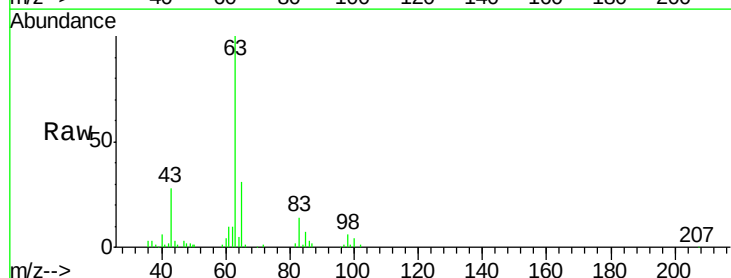
Tgt Ion: 63 Resp: 151526

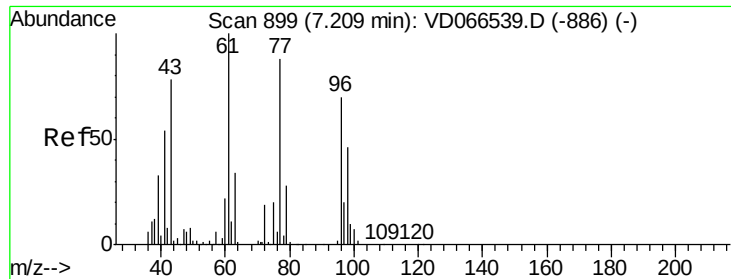
Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.1

100 3.7 2.5 7.4





#25

2-Butanone

Concen: 109.398 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 43 Resp: 100888

Ion Ratio Lower Upper

43 100

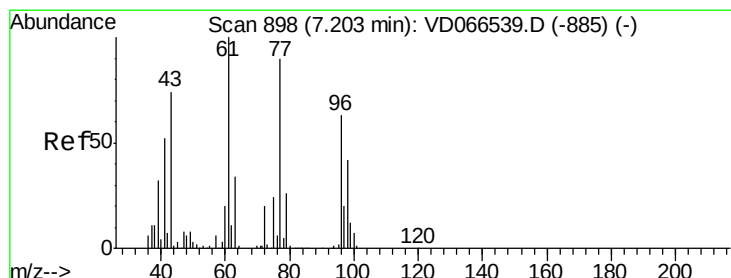
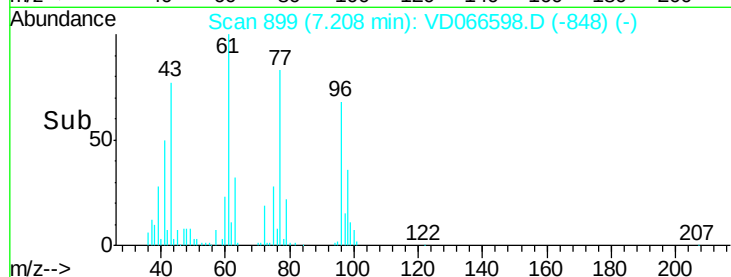
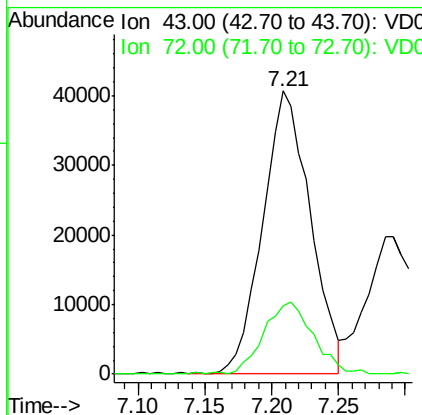
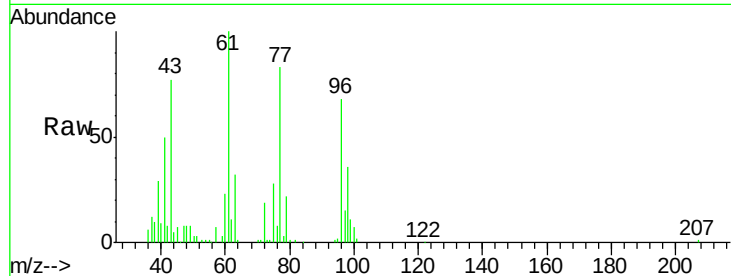
72 23.9 19.8 29.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.464 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066598.D

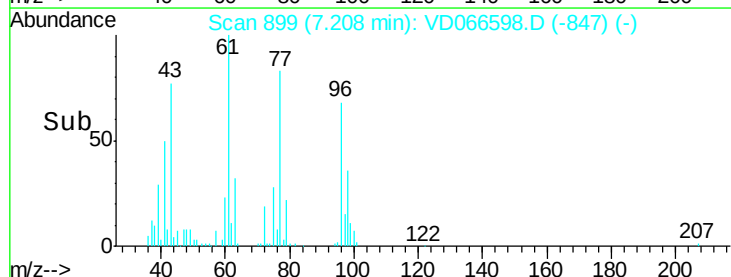
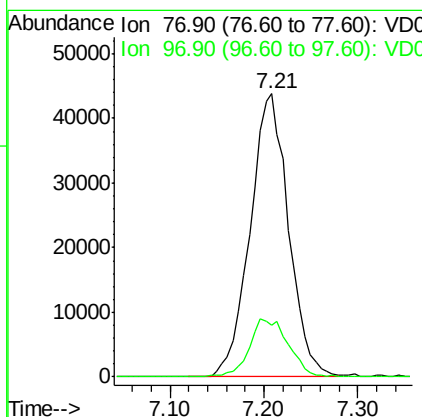
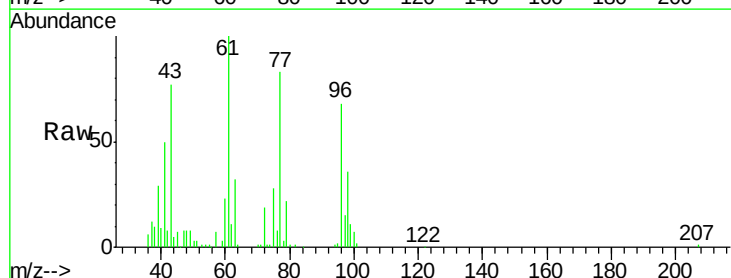
Acq: 09 Sep 2020 23:54

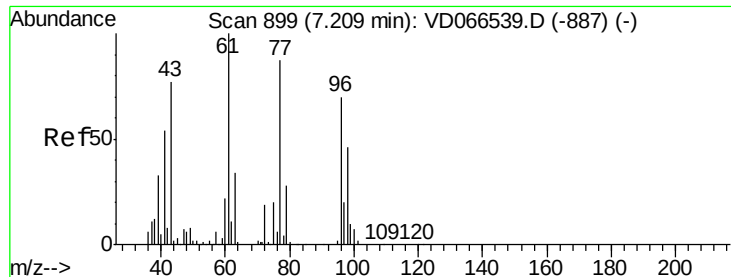
Tgt Ion: 77 Resp: 123691

Ion Ratio Lower Upper

77 100

97 20.9 10.8 32.3





#27

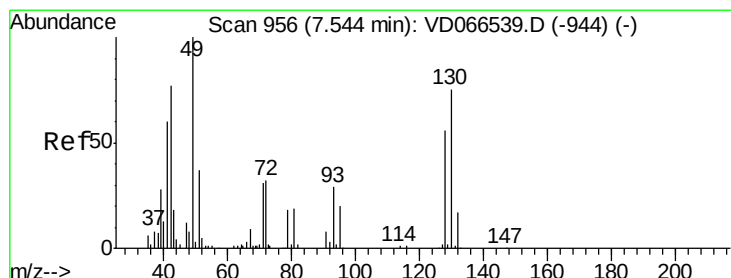
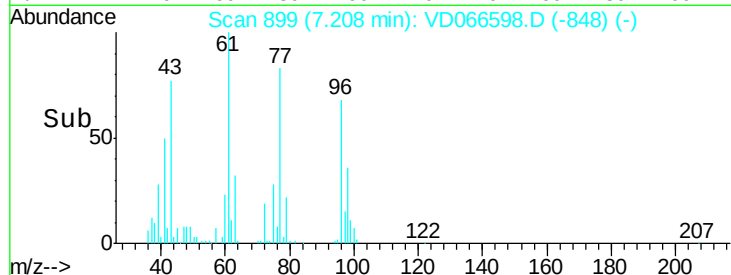
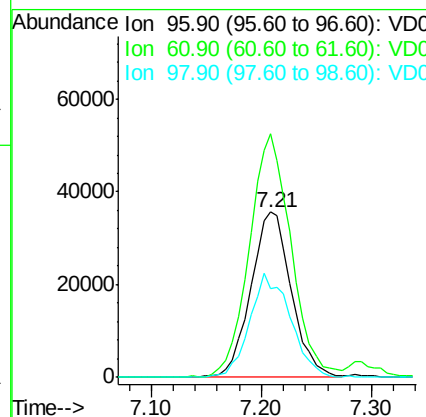
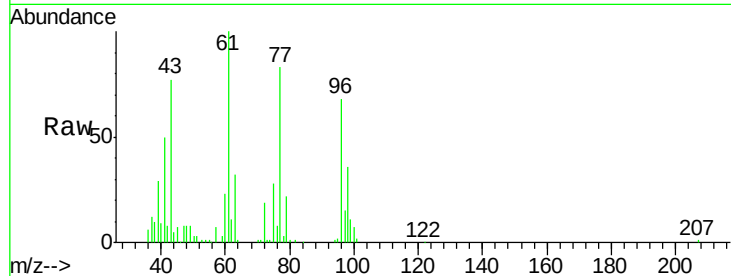
cis-1,2-Dichloroethene
Concen: 23.142 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.5	0.0	301.0	
98	62.7	0.0	129.8	

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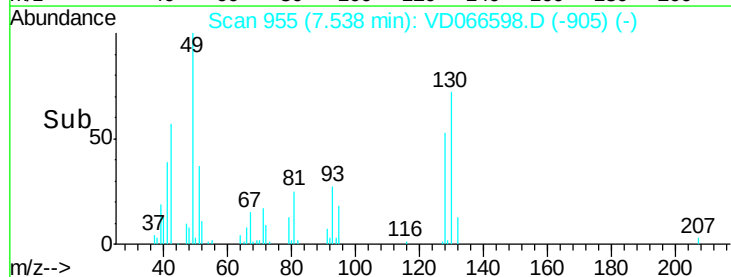
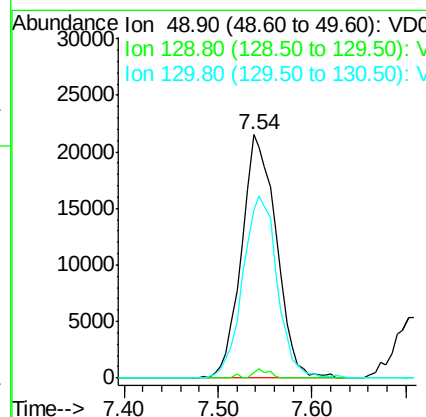
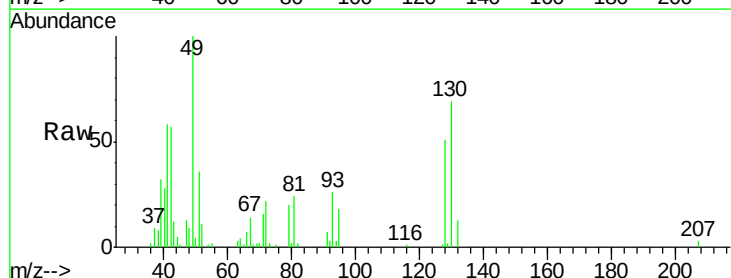
MMDadoda
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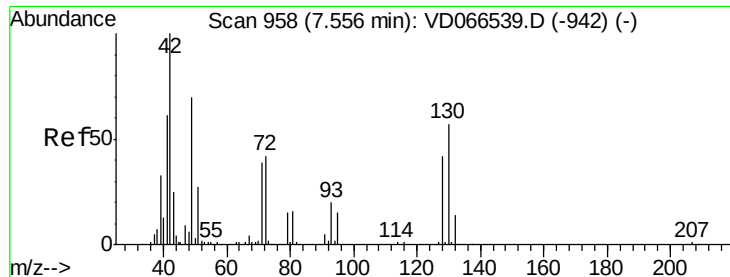


#28

Bromochloromethane
Concen: 21.670 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	2.6	
130	74.3	58.2	87.2	





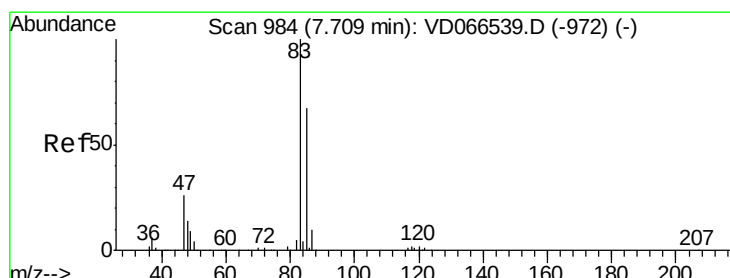
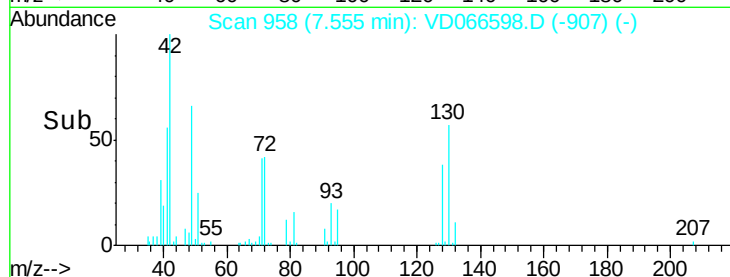
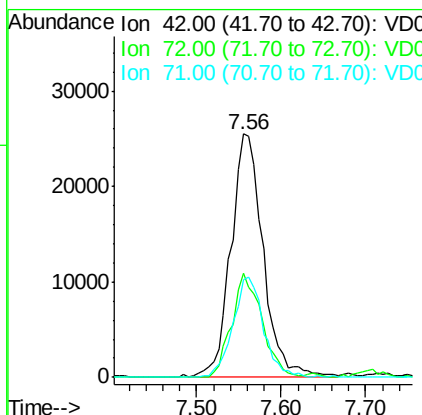
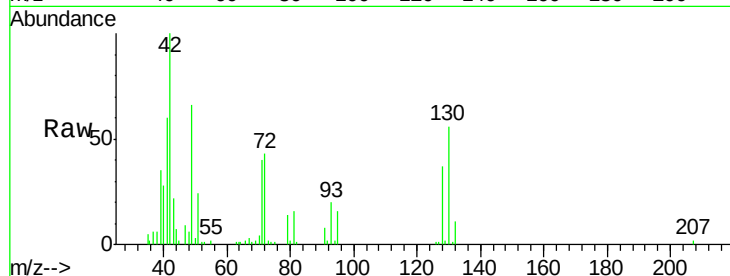
#29
Tetrahydrofuran
Concen: 117.191 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.4	50.0
71	38.8	31.9	47.9

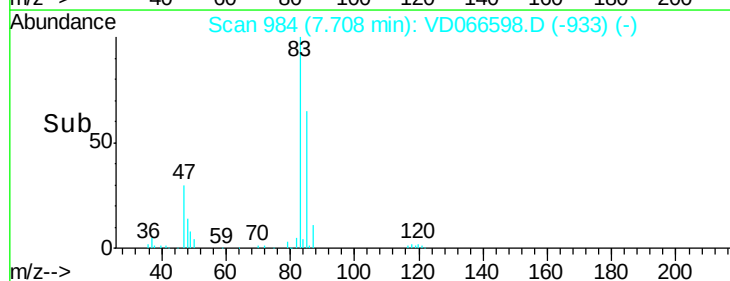
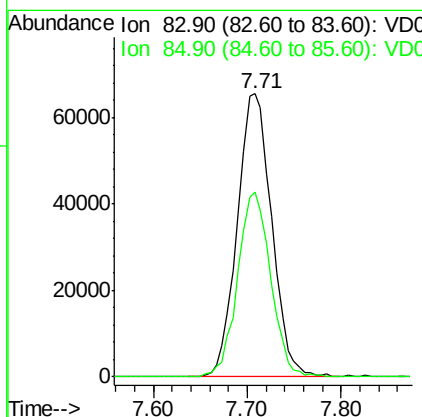
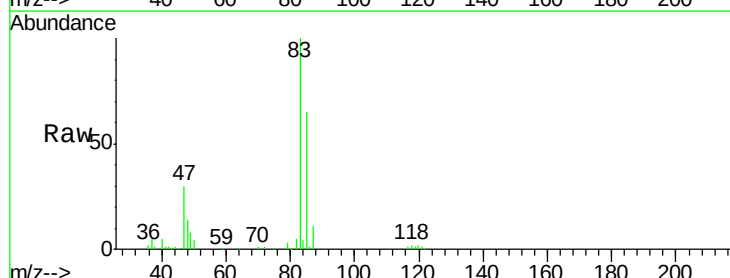
Manual Integrations
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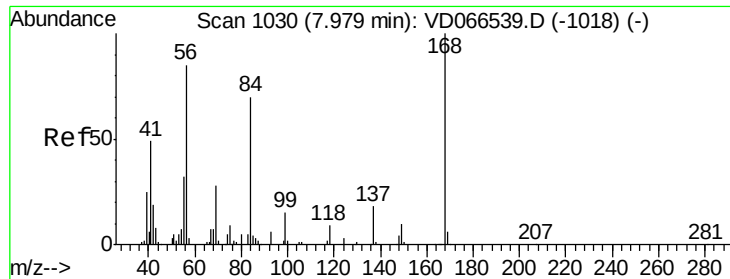
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9/10/2020 10:47:03 AM



#30
Chloroform
Concen: 23.828 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.6	80.4





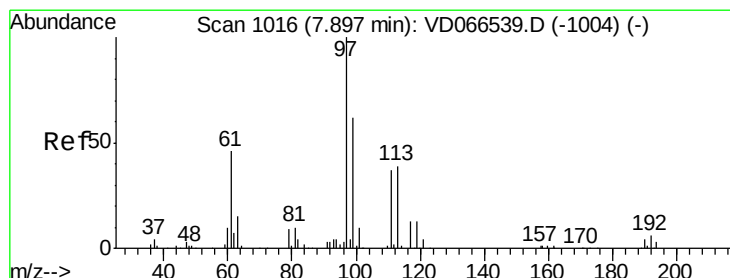
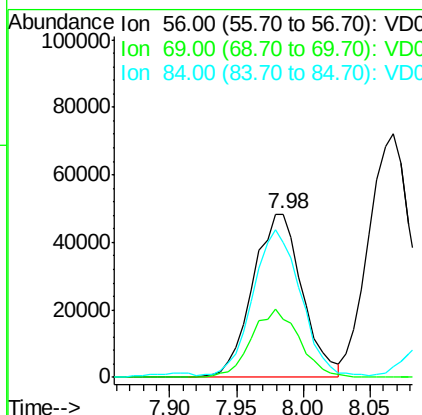
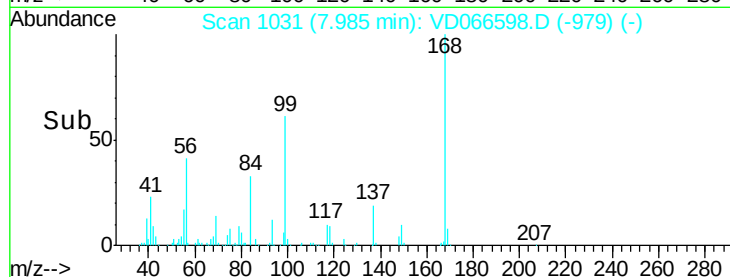
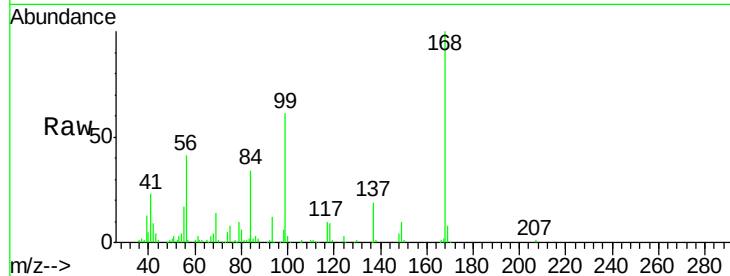
#31
Cyclohexane
Concen: 20.497 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		124850		
69	35.3	26.3	39.5		
84	80.3	66.1	99.1		

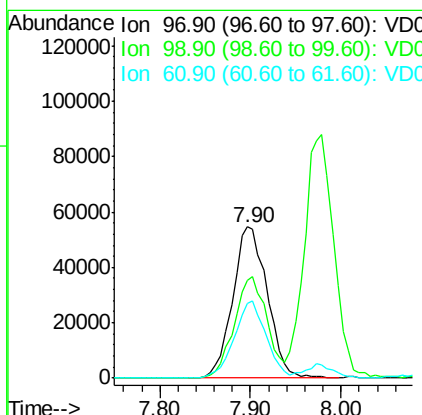
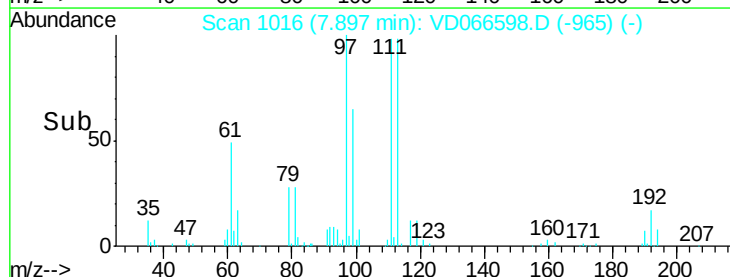
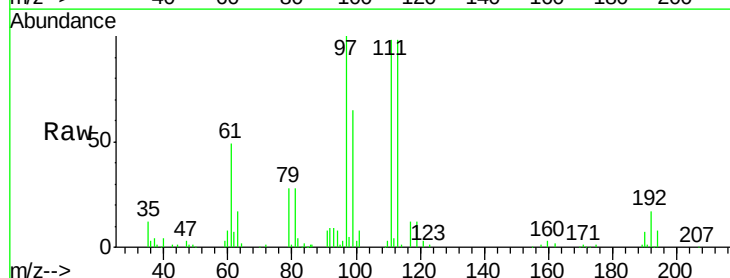
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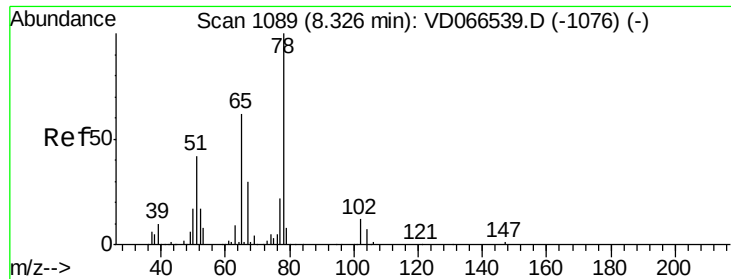
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#32
1,1,1-Trichloroethane
Concen: 22.033 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		144408		
99	64.0	51.4	77.0		
61	47.0	37.4	56.0		





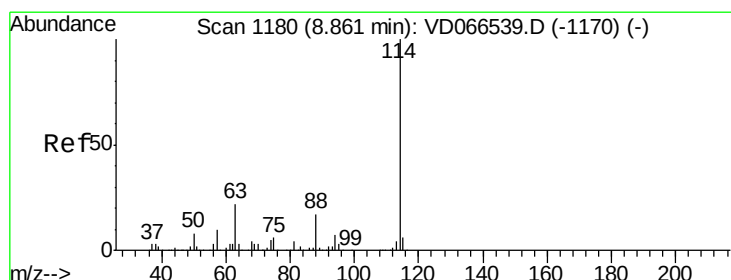
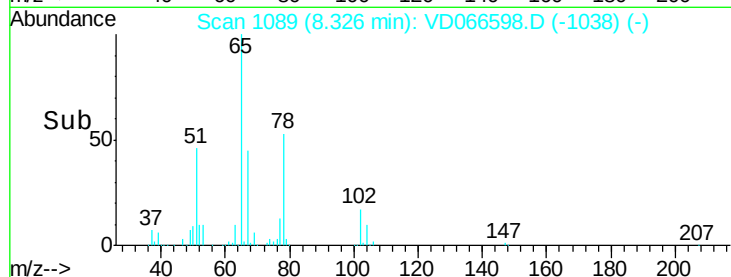
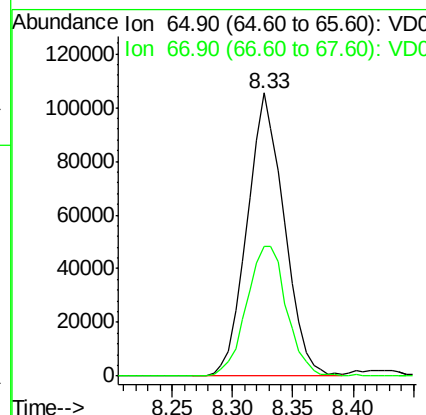
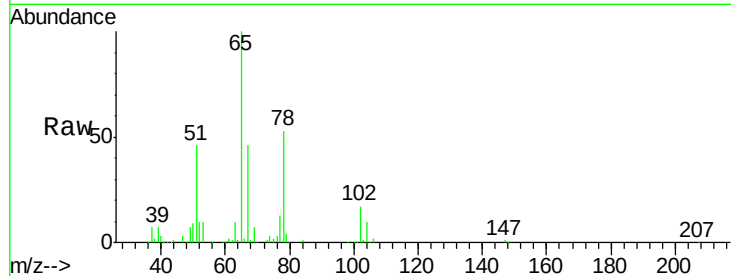
#33
 1,2-Dichloroethane-d4
 Concen: 60.552 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	226086		
67	49.6	0.0	102.8	

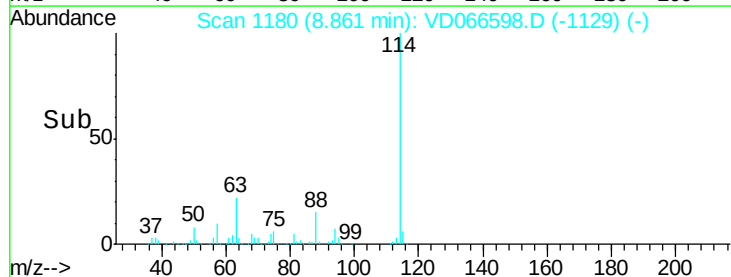
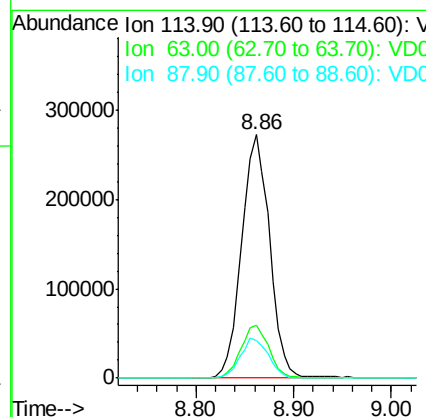
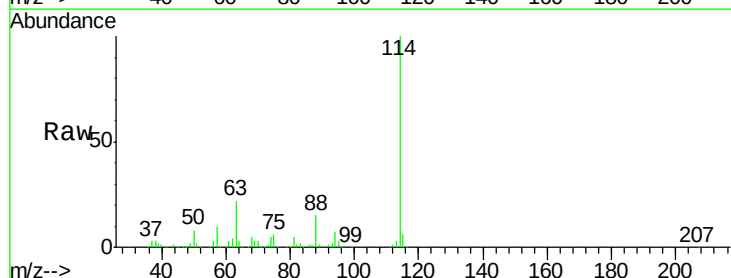
Manual Integrations
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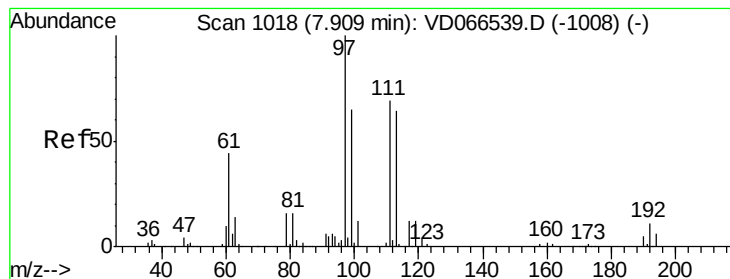
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	547166		
63	21.5	0.0	43.2	
88	15.3	0.0	33.2	





#35

Dibromofluoromethane

Concen: 55.842 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

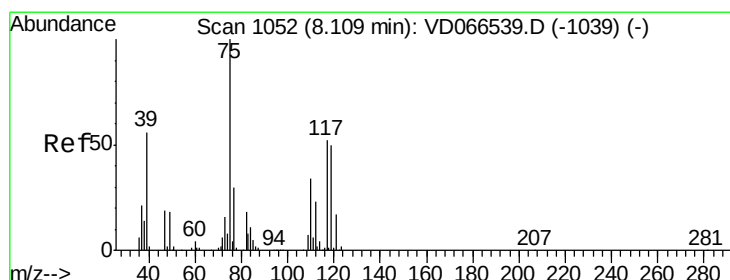
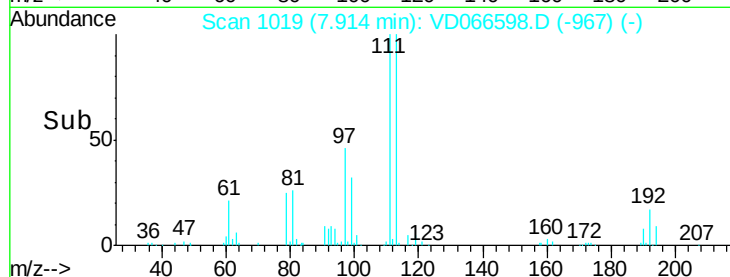
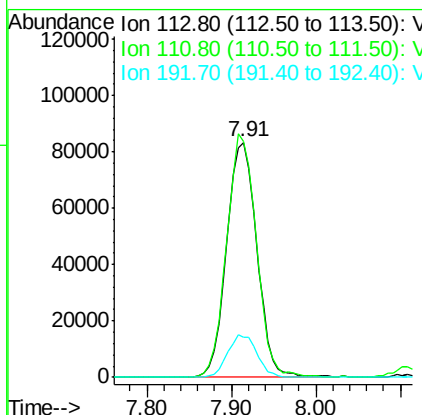
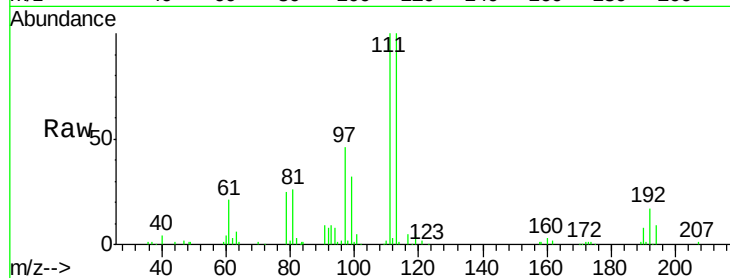
ClientSampleId :

VD0909SBS02

Tot Ion:	113	Resp:	206127
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.2	124.8
192	17.5	13.7	20.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.573 ug/l

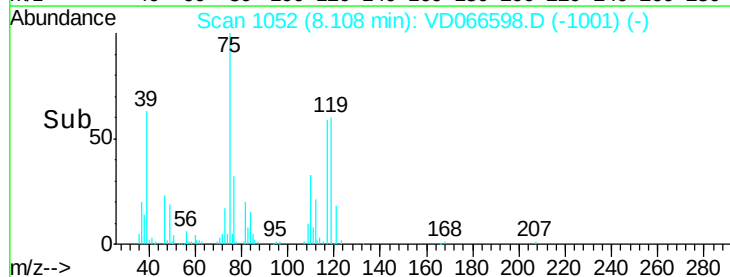
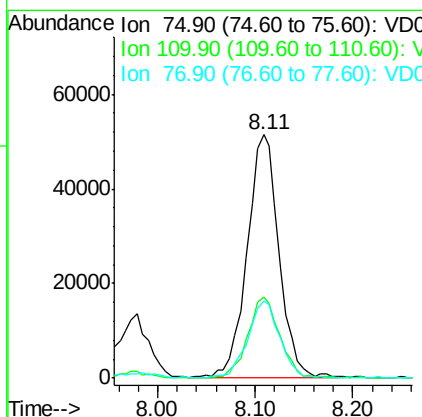
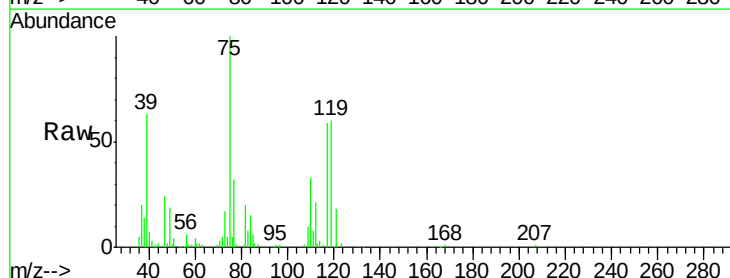
RT: 8.11 min Scan# 1052

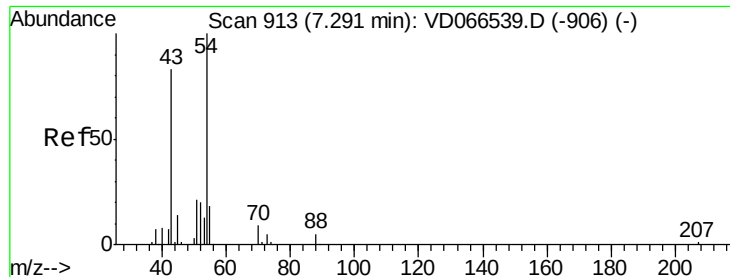
Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	75	Resp:	117148
Ion Ratio	Lower	Upper	
75	100		
110	33.7	17.3	52.0
77	32.1	25.1	37.7





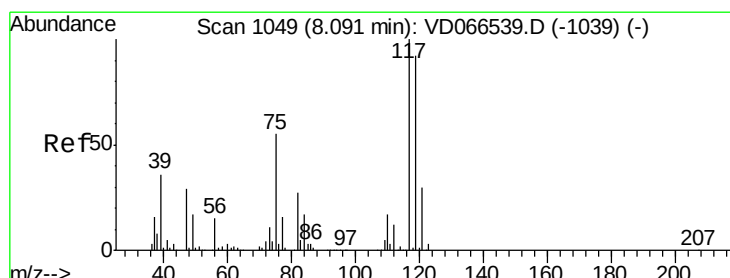
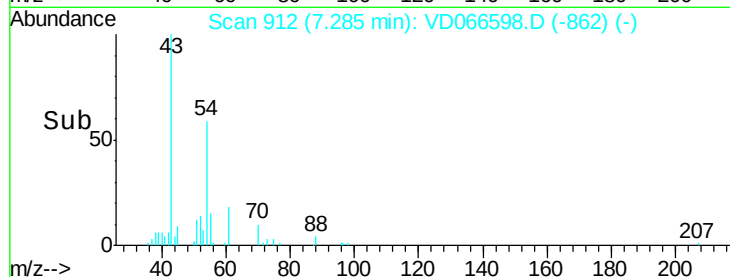
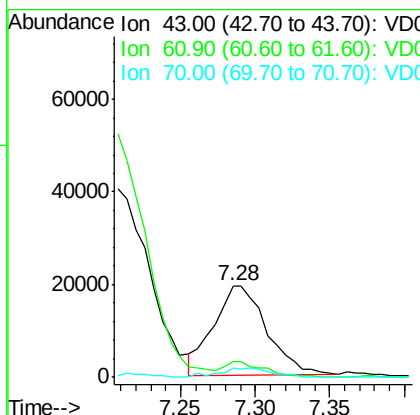
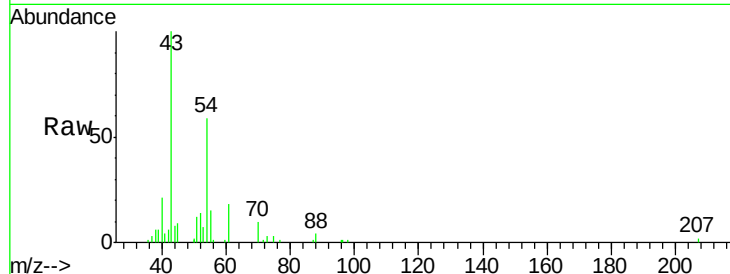
#37
Ethyl Acetate
Concen: 20.888 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.8	17.8
70	10.3	7.9	11.9

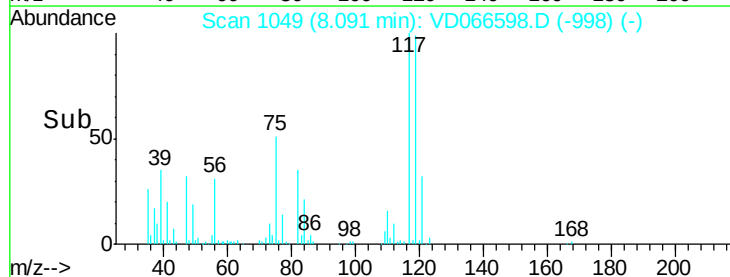
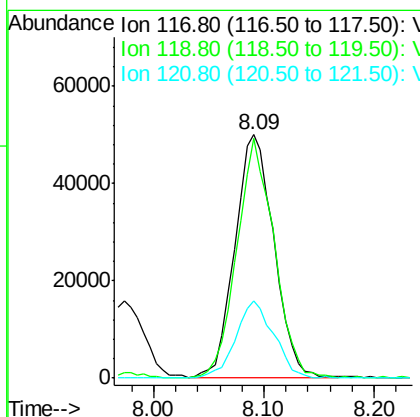
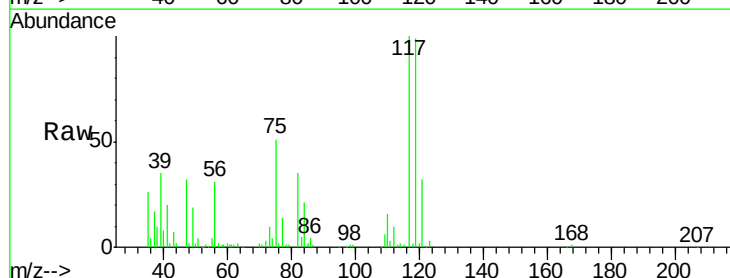
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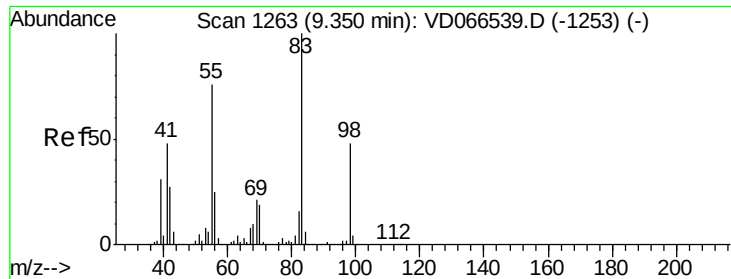
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#38
Carbon Tetrachloride
Concen: 20.476 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	73.9	110.9
121	32.1	24.1	36.1





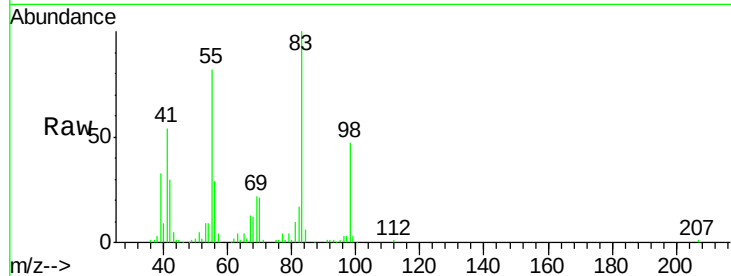
#39
Methylvlcyclohexane
Concen: 19.365 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

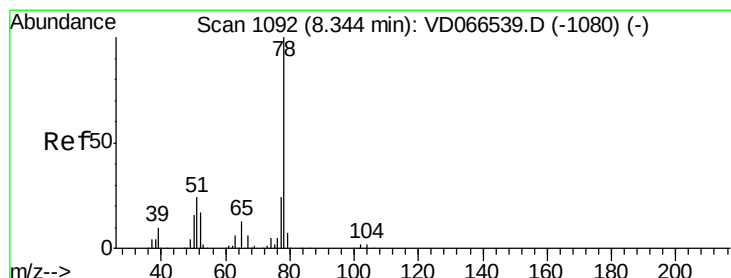
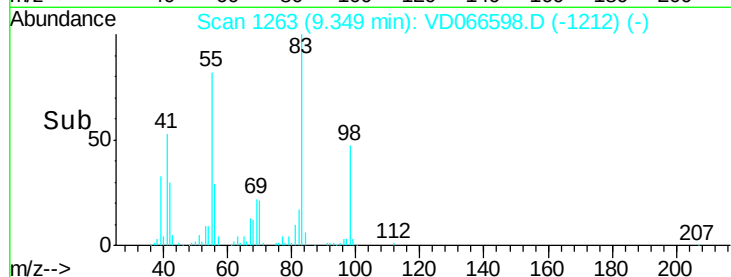
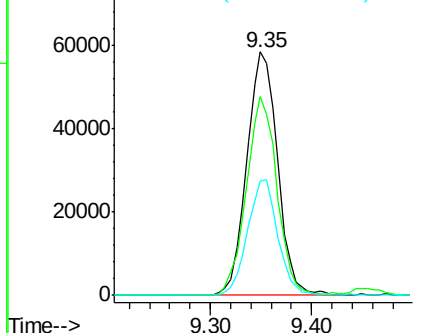
Tot Ion	Ratio	Resp	Lower	Upper
83	100	123137		
55	81.9	60.8	91.2	
98	47.1	38.6	58.0	

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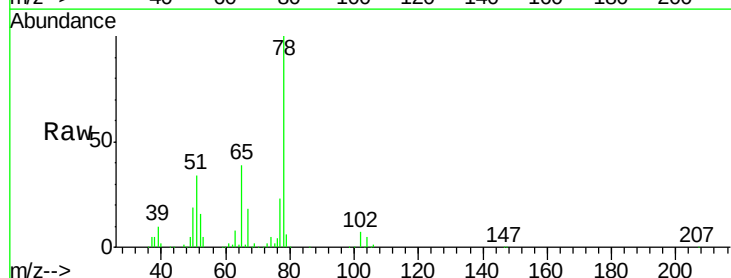


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

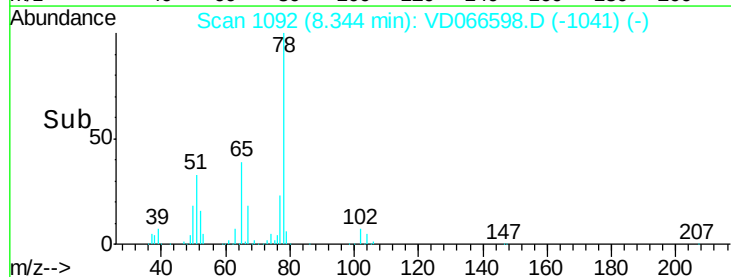
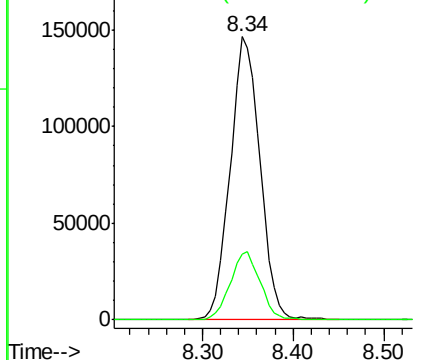


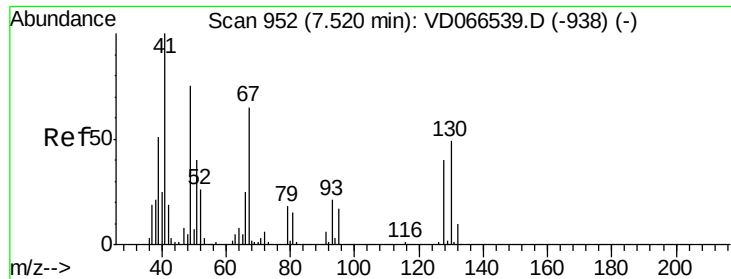
#40
Benzene
Concen: 21.486 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	335089		
77	23.2	19.1	28.7	



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





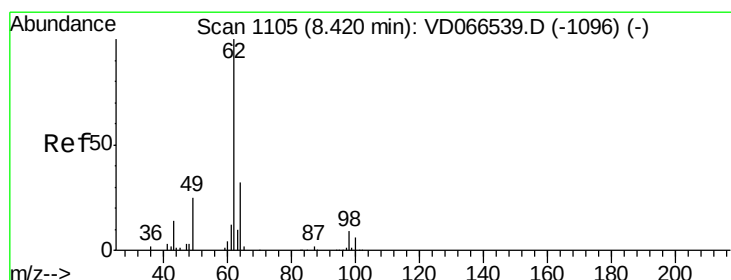
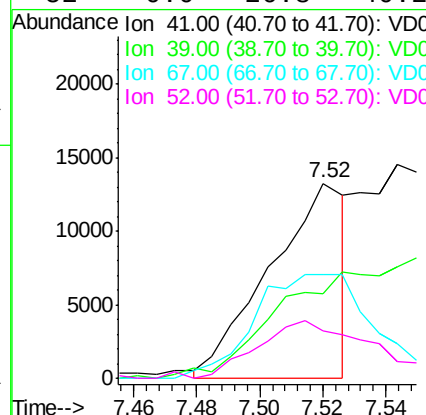
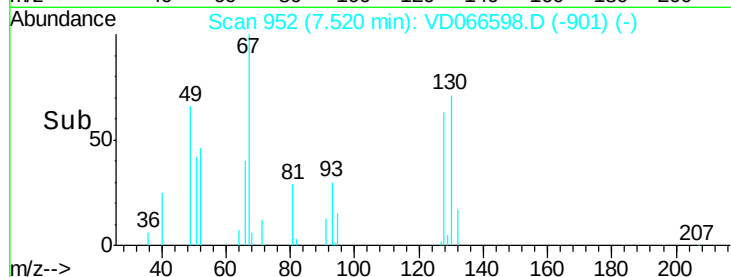
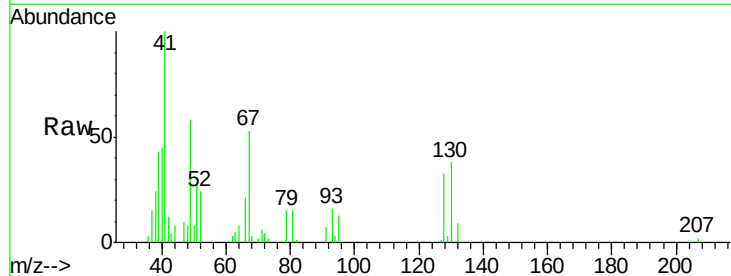
#41
Methacrylonitrile
Concen: 20.248 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	41	Resp	22224
Ion	Ratio	Lower	Upper
41	100		
39	169.1	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

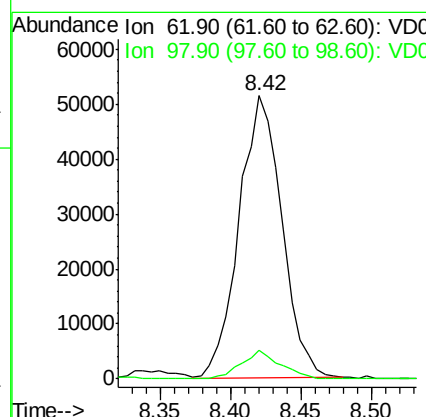
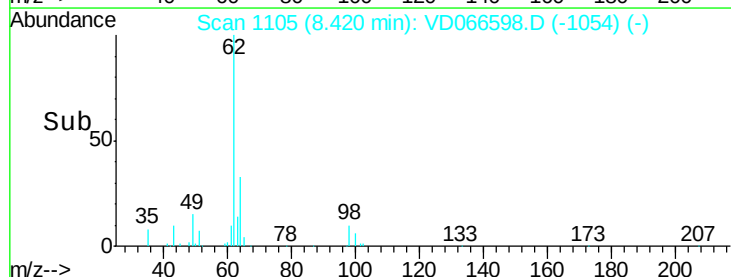
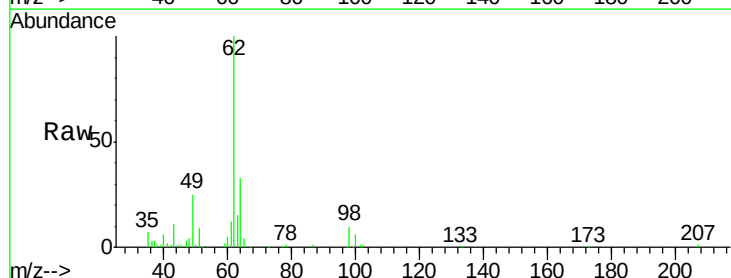
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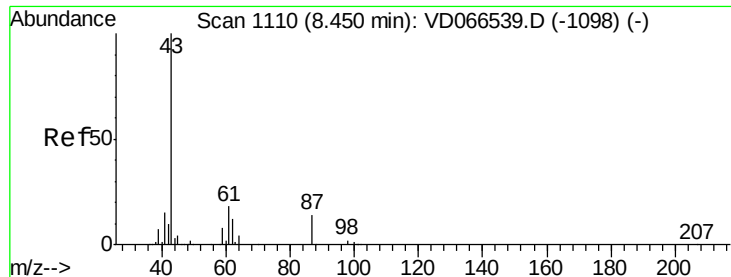
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#42
1,2-Dichloroethane
Concen: 21.584 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	62	Resp	109065
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.794 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

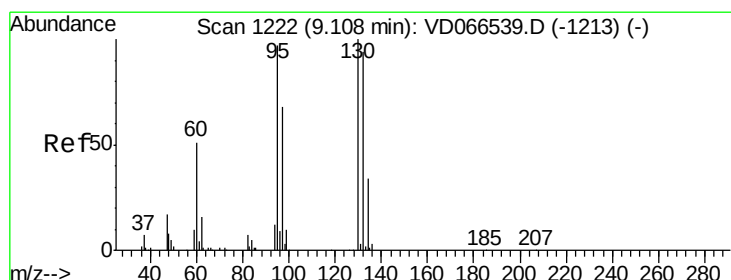
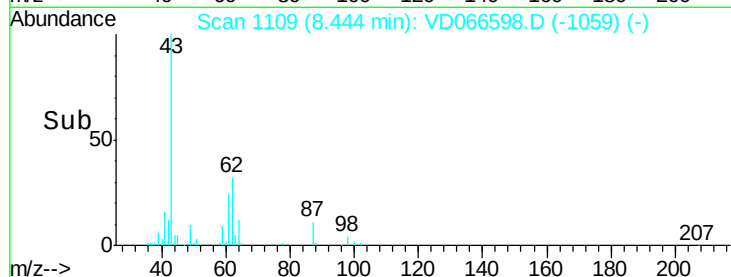
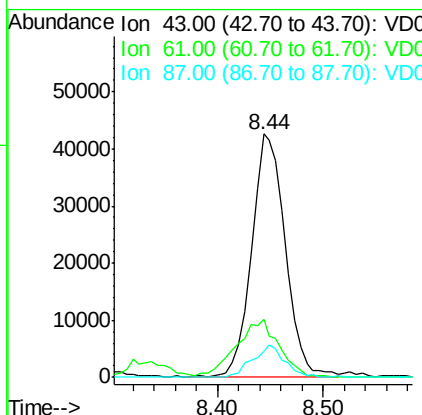
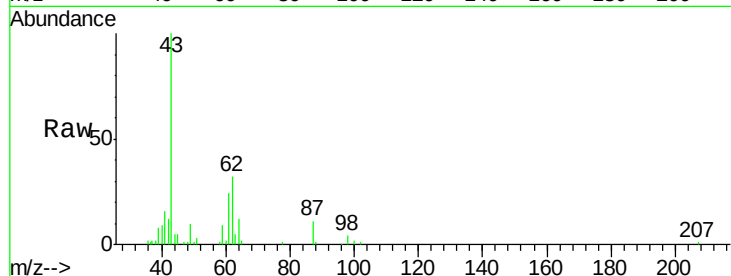
ClientSampleId :

VD0909SBS02

Tot Ion:	43	Resp:	94702
Ion	Ratio	Lower	Upper
43	100		
61	30.4	23.8	35.8
87	12.8	10.7	16.1

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#44

Trichloroethene

Concen: 21.125 ug/l

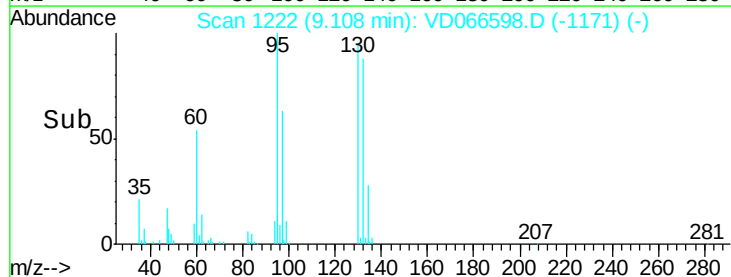
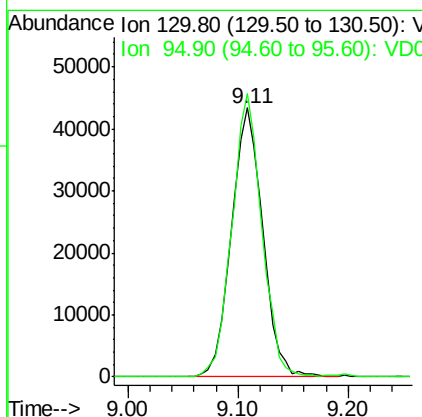
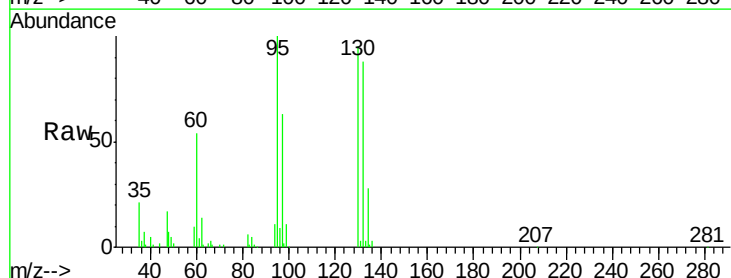
RT: 9.11 min Scan# 1222

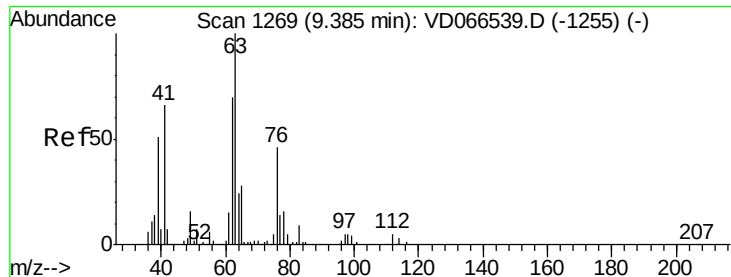
Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	130	Resp:	86419
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	194.4





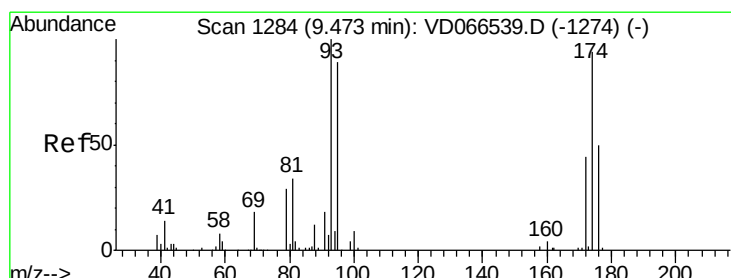
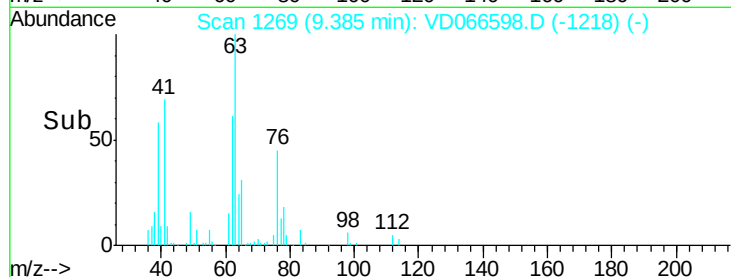
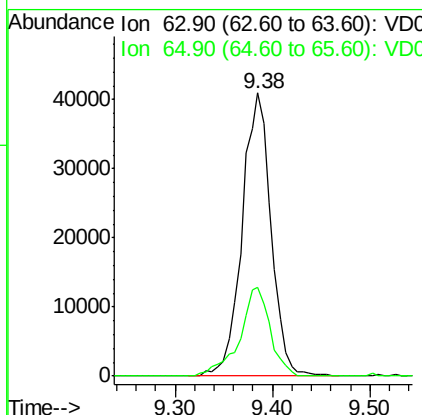
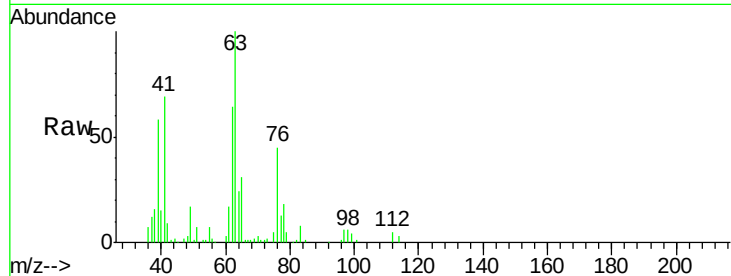
#45
 1,2-Dichloropropane
 Concen: 21.658 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion: 63 Resp: 84942
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.6 34.0

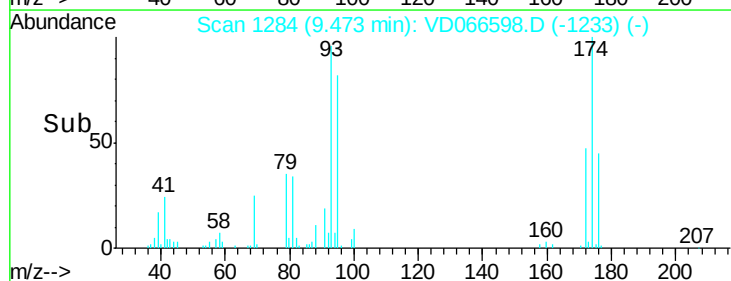
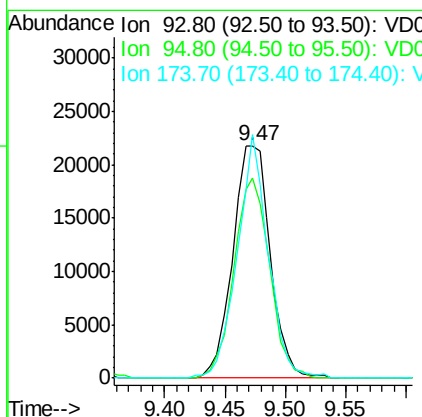
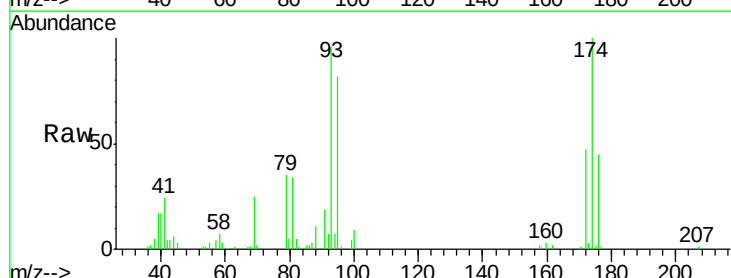
Manual Integrations
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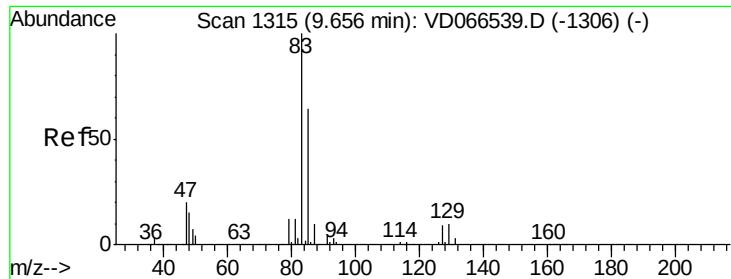
MMDadoda
 9/10/2020 10:47:03 AM



#46
 Dibromomethane
 Concen: 21.844 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion: 93 Resp: 47265
 Ion Ratio Lower Upper
 93 100
 95 81.9 68.7 103.1
 174 86.3 70.0 105.0





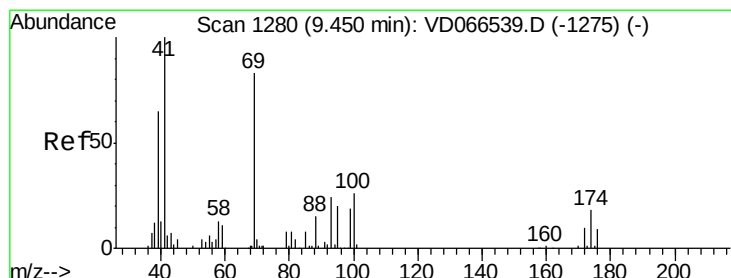
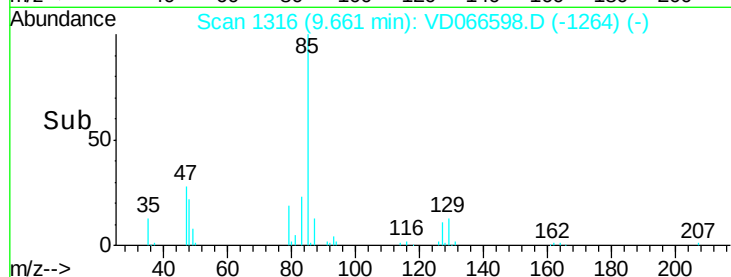
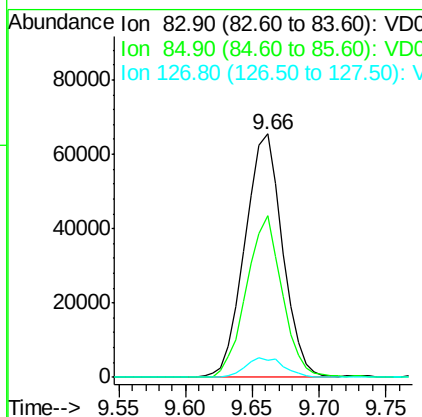
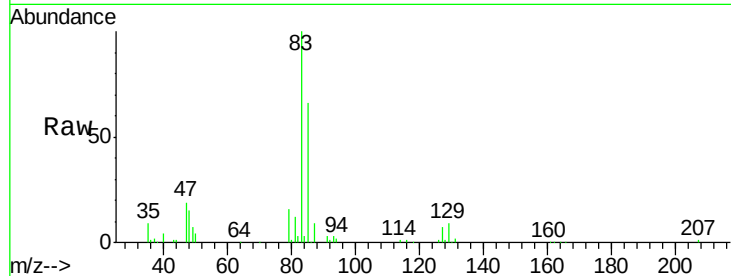
#47
Bromodichloromethane
Concen: 21.862 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127982		
85	66.5	51.1	76.7	
127	7.2	6.9	10.3	

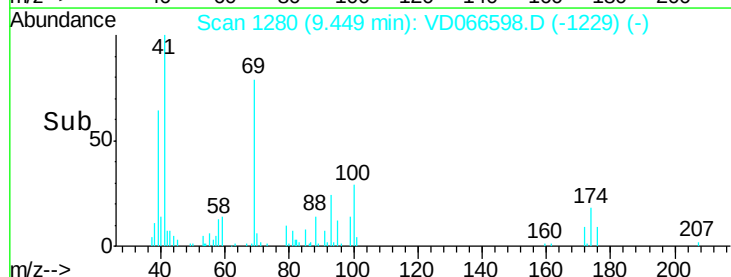
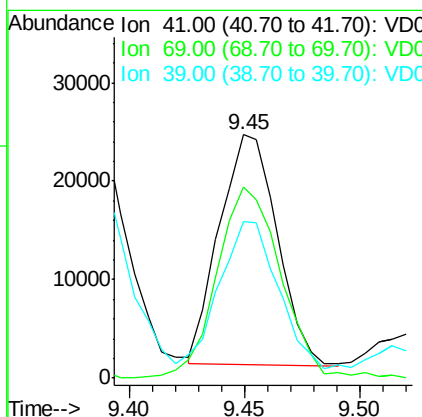
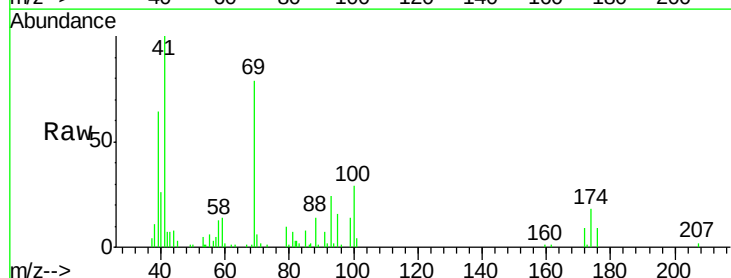
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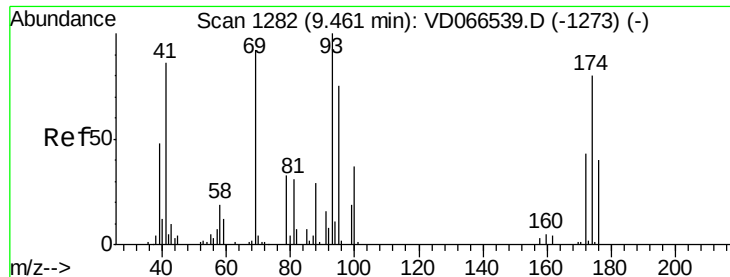
MMDadoda
9/10/2020 10:47:03 AM



#48
Methyl methacrylate
Concen: 18.506 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	40663		
69	92.2	64.5	96.7	
39	65.3	46.6	69.8	





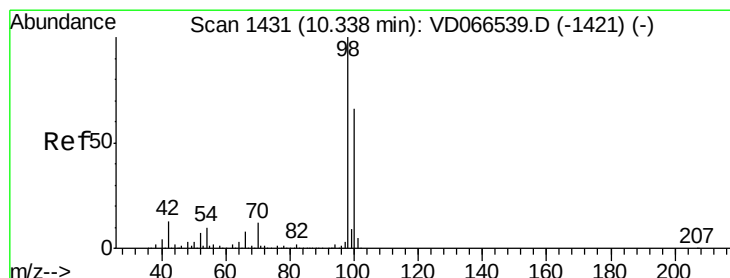
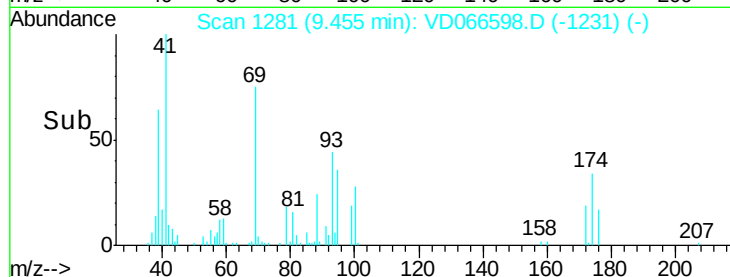
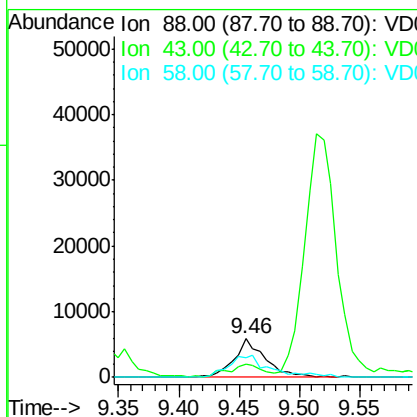
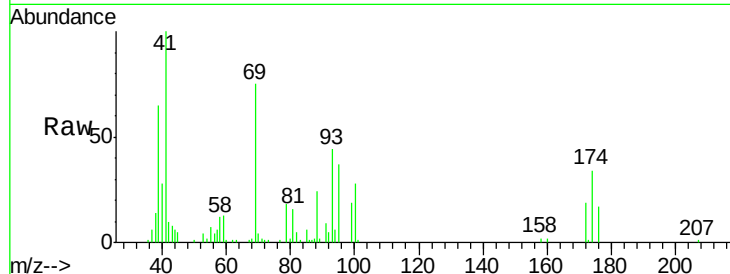
#49
1,4-Dioxane
Concen: 444.971 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	38.1	28.3	42.5	
58	69.3	56.1	84.1	

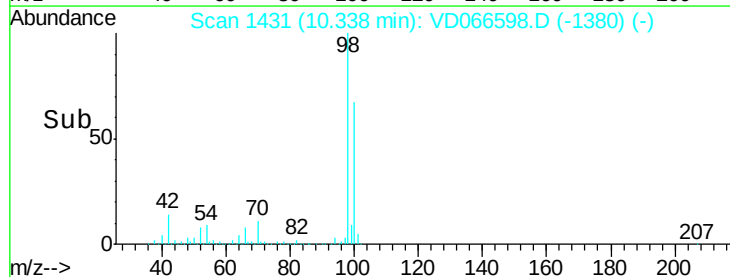
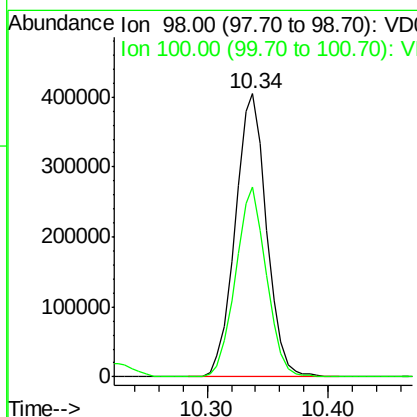
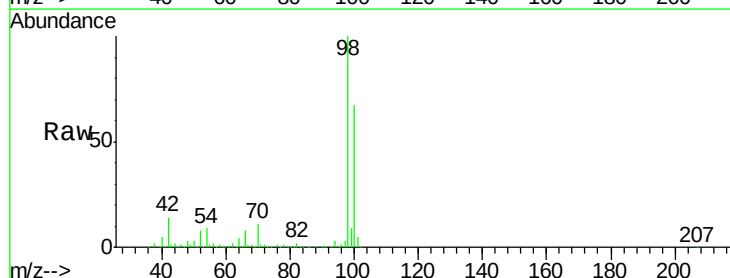
Manual Integrations
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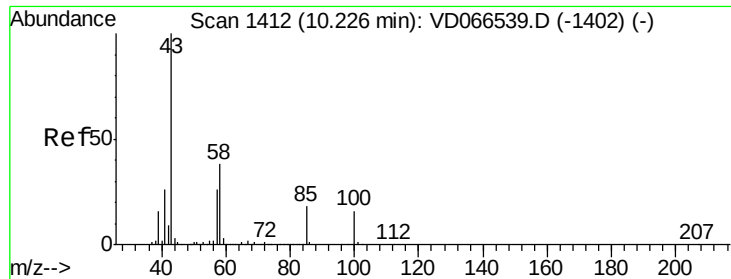
MMDadoda
9/10/2020 10:47:03 AM



#50
Toluene-d8
Concen: 55.506 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.9	52.9	79.3	





#51

4-Methyl-2-Pentanone

Concen: 112.182 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 43 Resp: 245844

Ion Ratio Lower Upper

43 100

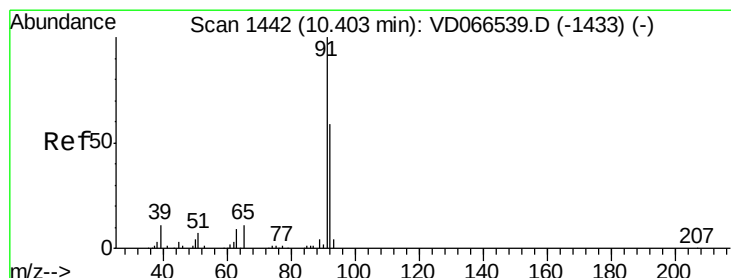
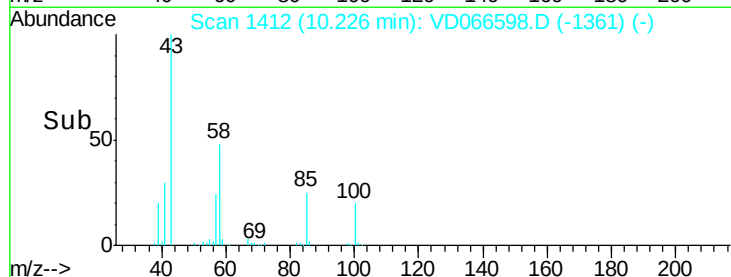
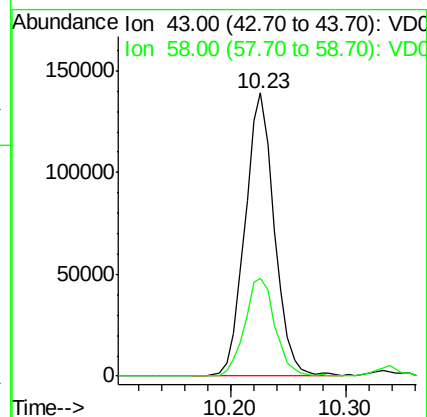
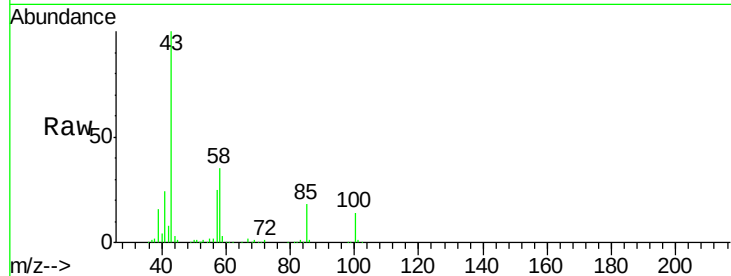
58 36.0 30.5 45.7

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#52

Toluene

Concen: 21.444 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066598.D

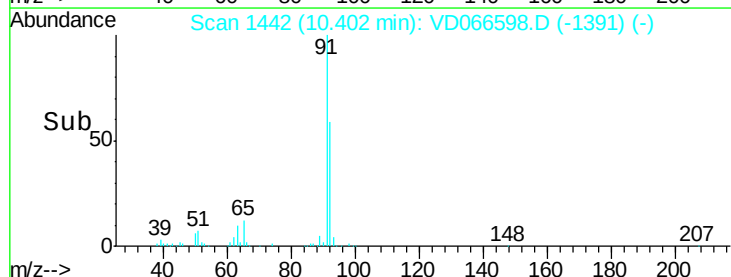
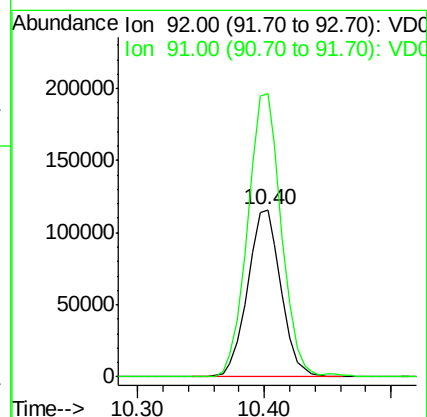
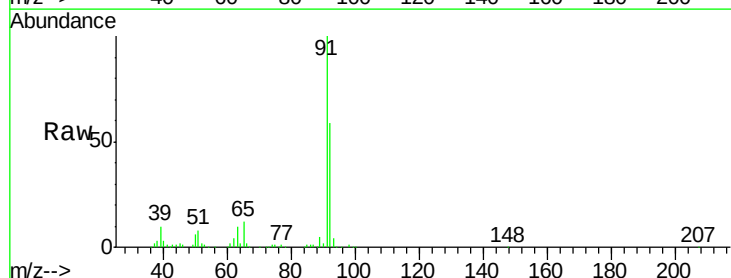
Acq: 09 Sep 2020 23:54

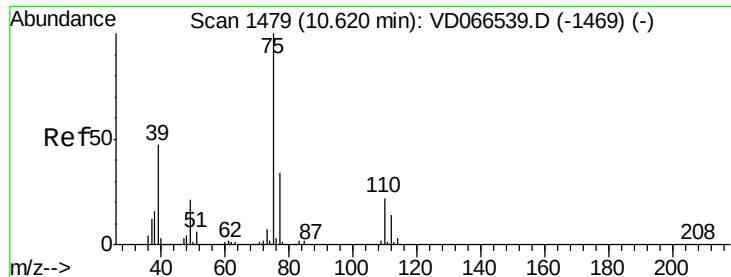
Tgt Ion: 92 Resp: 211701

Ion Ratio Lower Upper

92 100

91 171.9 137.4 206.2





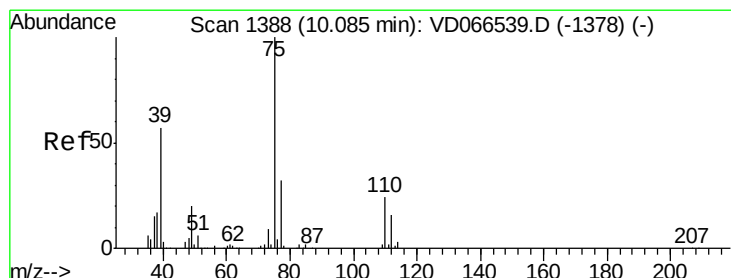
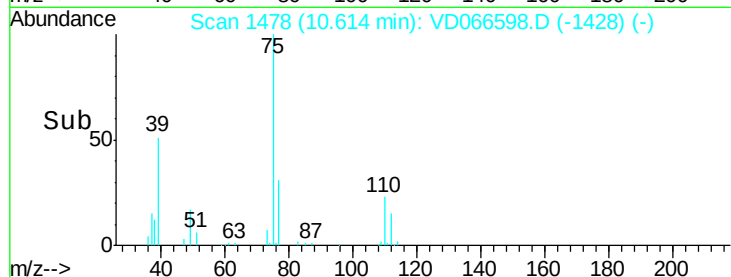
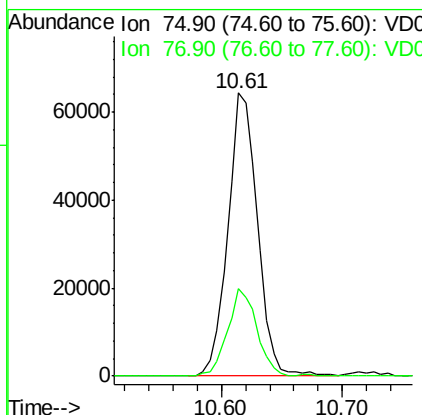
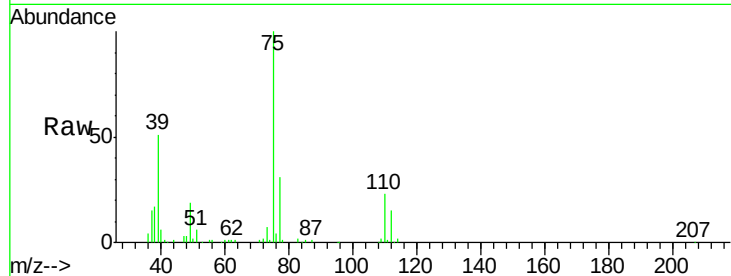
#53
t-1,3-Dichloropropene
Concen: 21.277 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion: 75 Resp: 109959
Ion Ratio Lower Upper
75 100
77 30.8 27.4 41.2

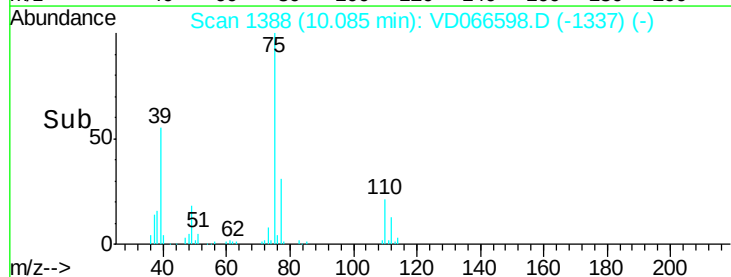
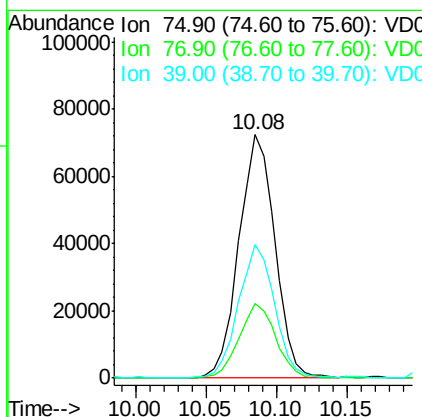
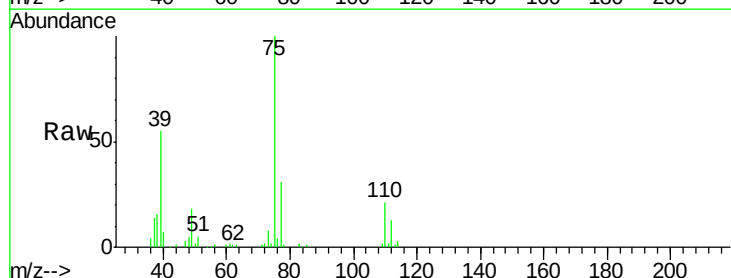
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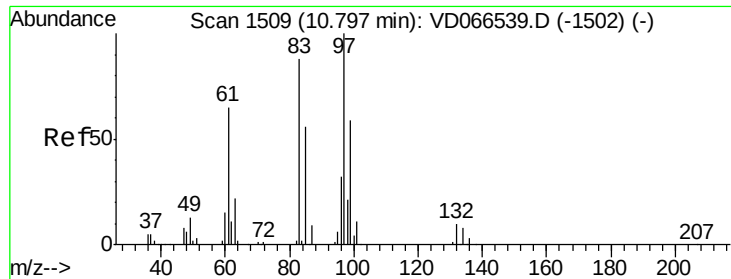
MMDadoda
9/10/2020 10:47:03 AM



#54
cis-1,3-Dichloropropene
Concen: 20.897 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion: 75 Resp: 129688
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 54.8 45.4 68.0





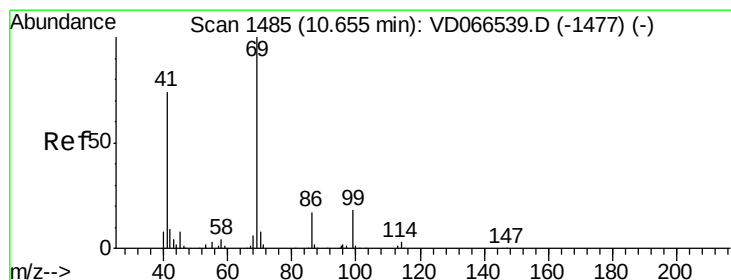
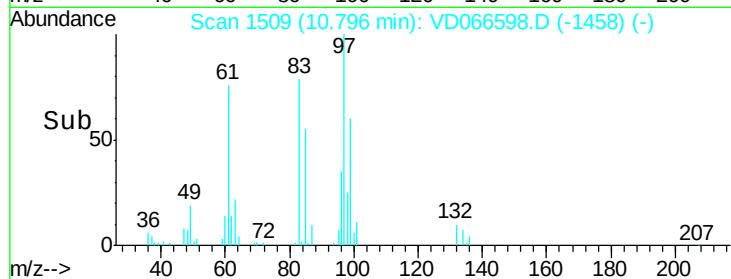
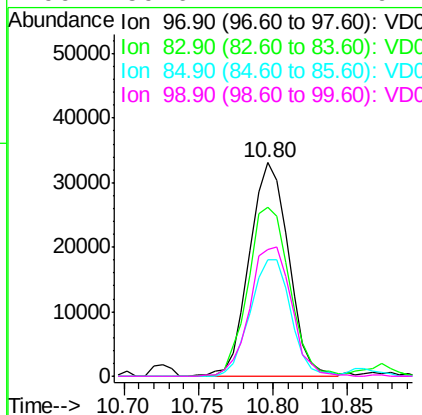
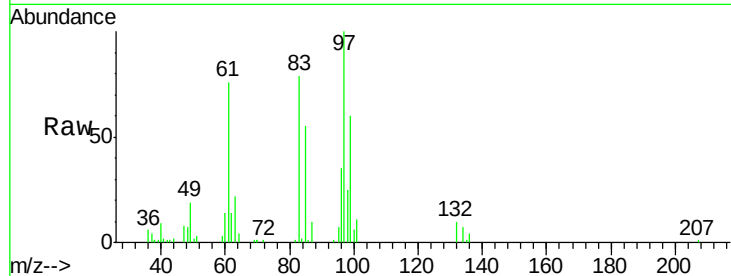
#55
 1,1,2-Trichloroethane
 Concen: 21.646 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion:	97	Resp:	60221
Ion	Ratio	Lower	Upper
97	100		
83	79.1	70.1	105.1
85	54.8	44.5	66.7
99	59.6	47.1	70.7

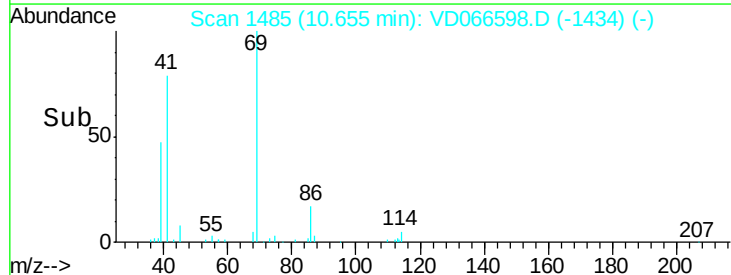
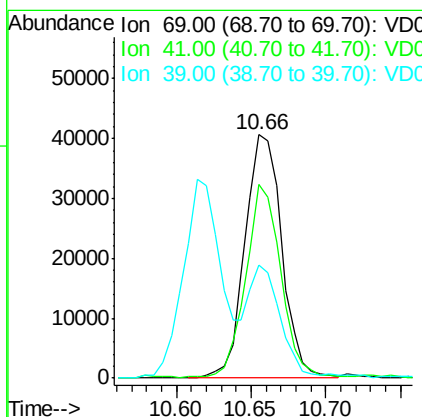
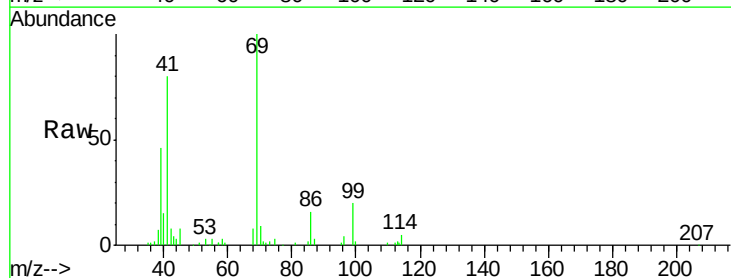
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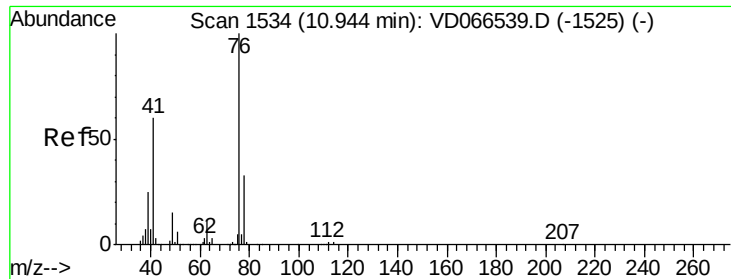
MMDadoda
 9/10/2020 10:47:03 AM



#56
 Ethyl methacrylate
 Concen: 21.410 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion:	69	Resp:	69353
Ion	Ratio	Lower	Upper
69	100		
41	76.4	56.8	85.2
39	45.2	30.6	46.0





#57

1,3-Dichloropropane

Concen: 21.832 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion: 76 Resp: 106389

Ion Ratio Lower Upper

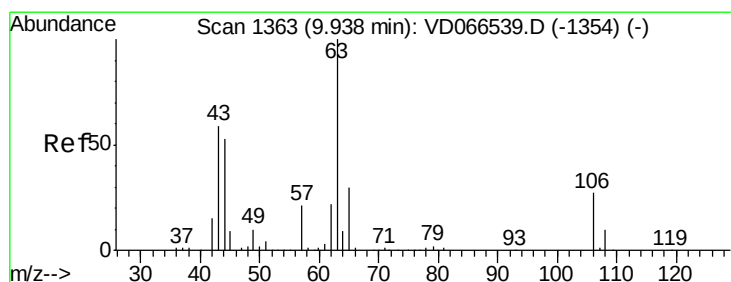
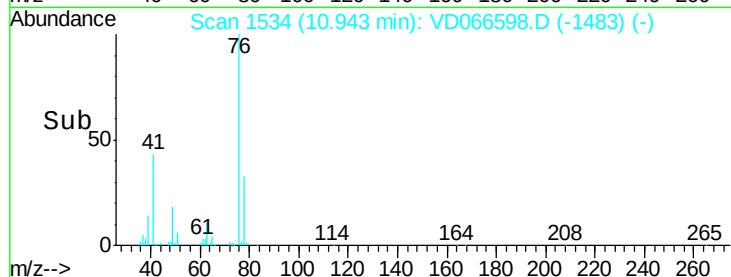
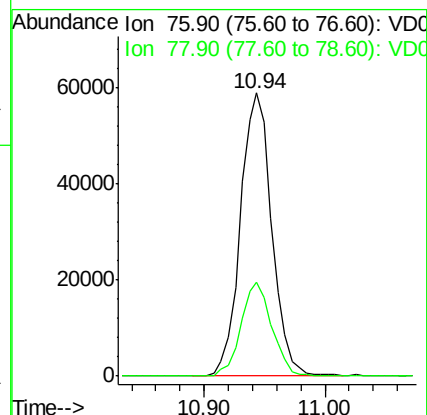
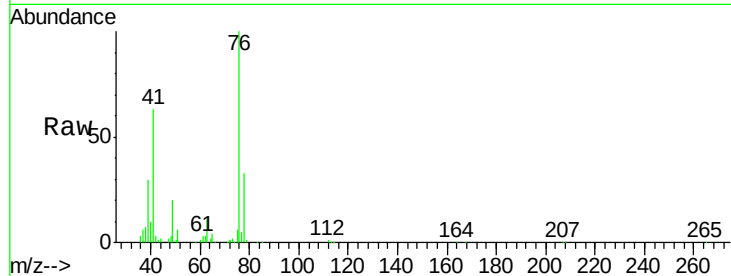
76 100

78 32.8 25.8 38.8

Manual Integrations
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MMDadoda

9/10/2020 10:47:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 126.454 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066598.D

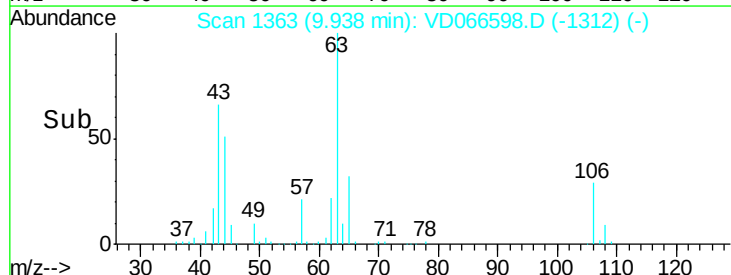
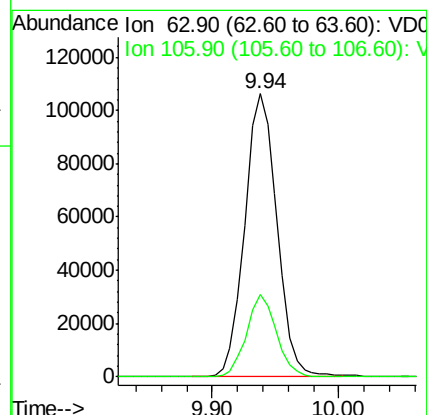
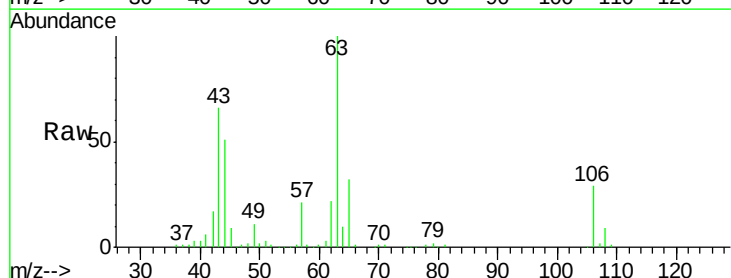
Acq: 09 Sep 2020 23:54

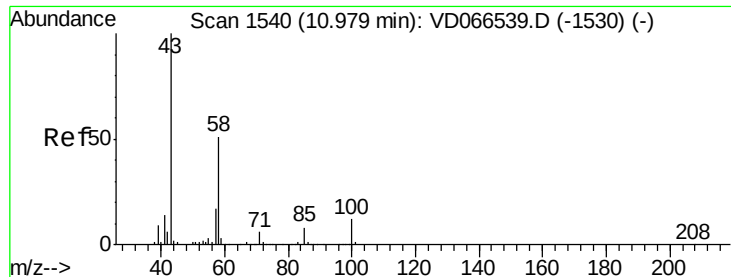
Tgt Ion: 63 Resp: 187361

Ion Ratio Lower Upper

63 100

106 27.1 22.0 33.0





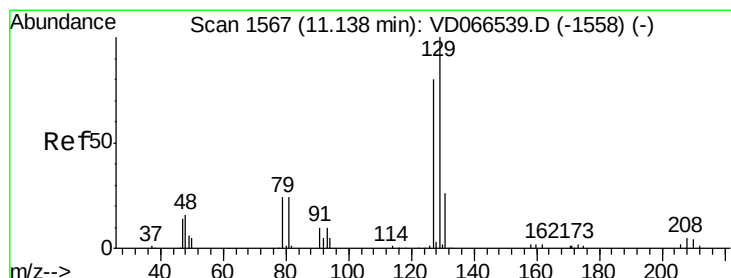
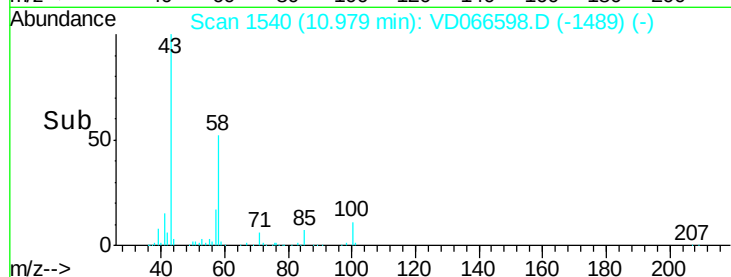
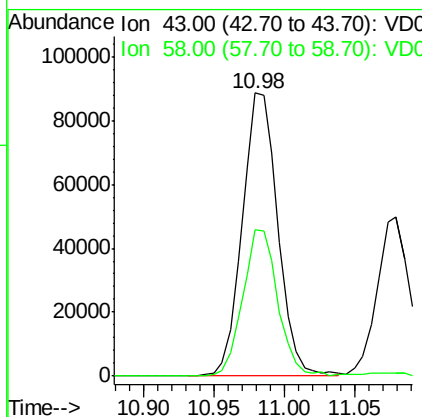
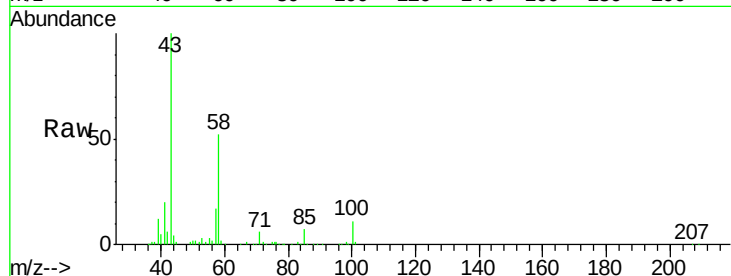
#59
2-Hexanone
Concen: 106.364 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.0	25.6	76.8

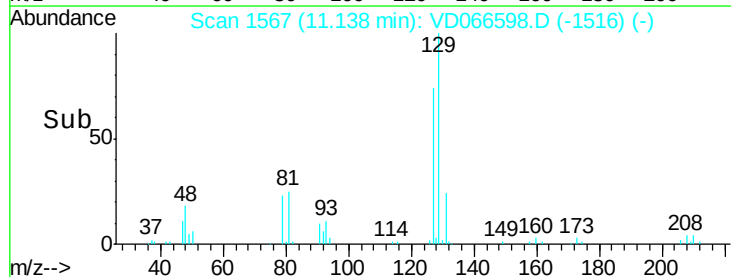
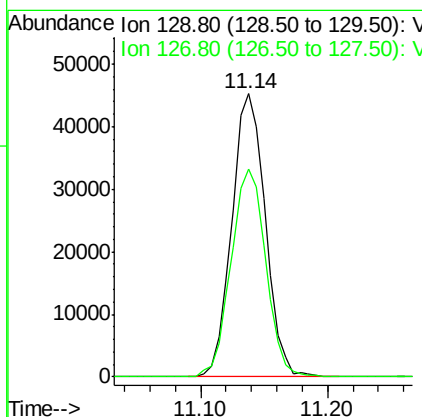
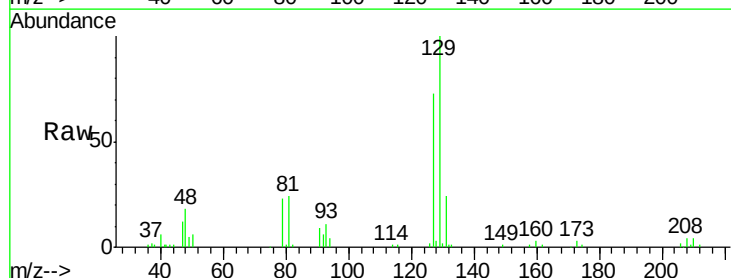
Manual Integrations
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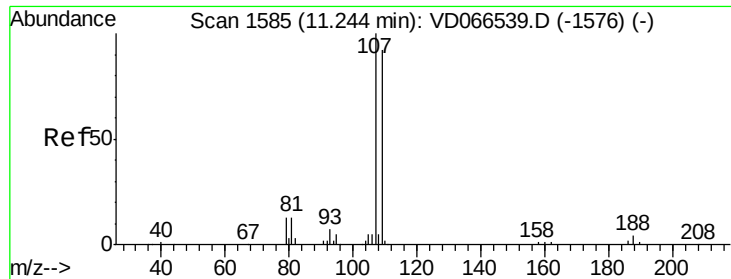
MMDadoda
9/10/2020 10:47:03 AM



#60
Dibromochloromethane
Concen: 22.430 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	39.5	118.3





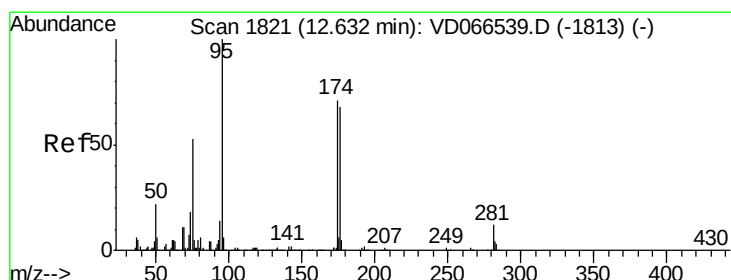
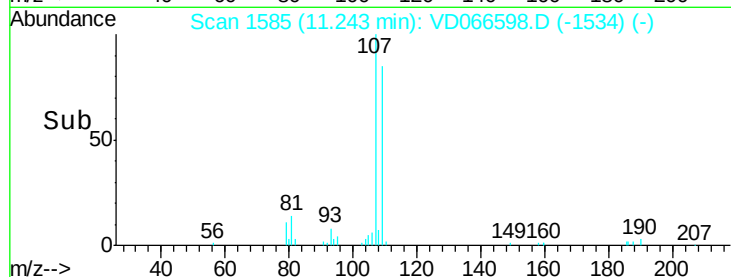
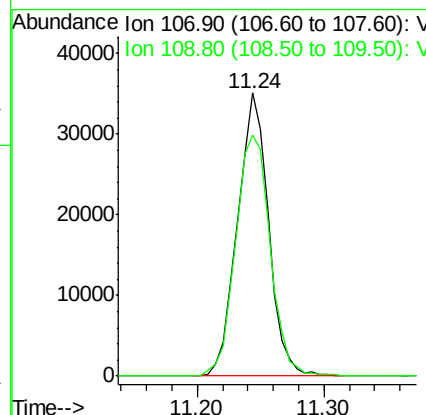
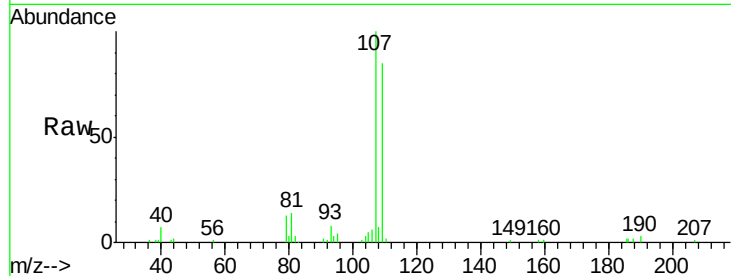
#61
 1,2-Dibromoethane
 Concen: 21.914 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.4	111.6

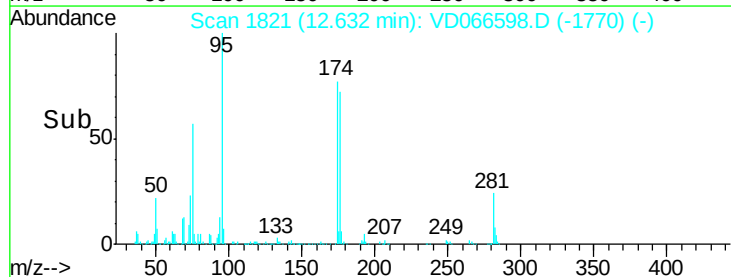
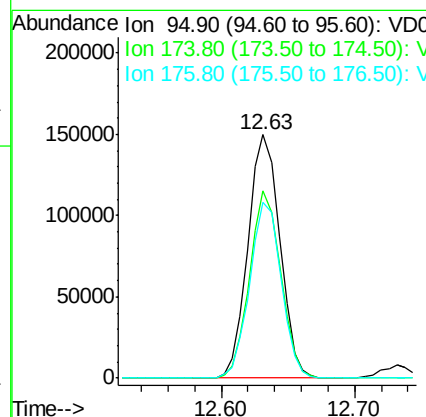
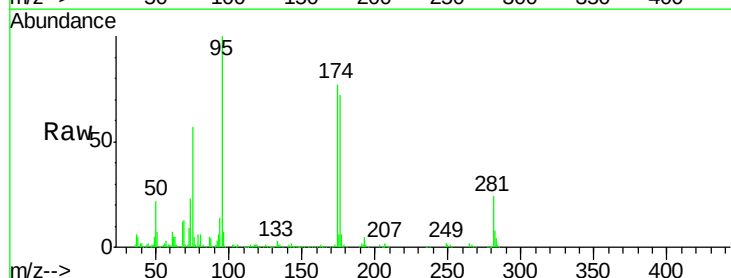
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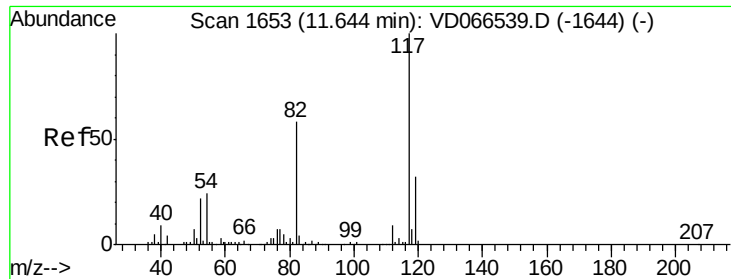
MMDadoda
 9/10/2020 10:47:03 AM



#62
 4-Bromofluorobenzene
 Concen: 56.521 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	155.8
176	71.4	0.0	148.6





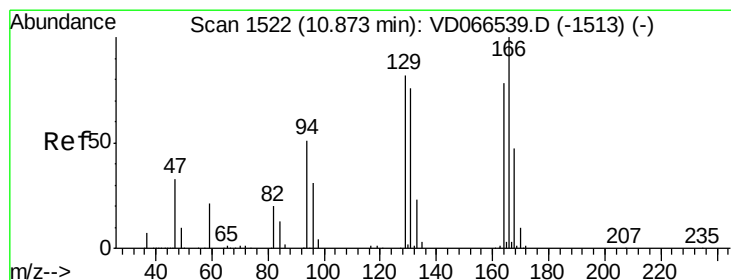
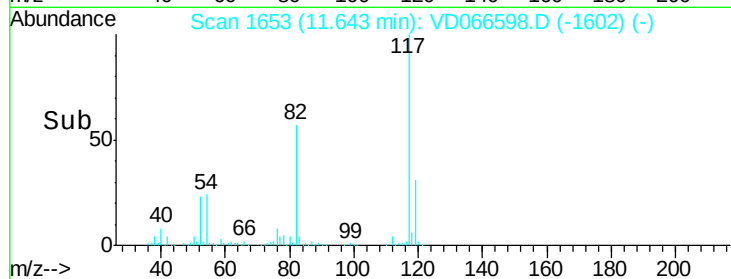
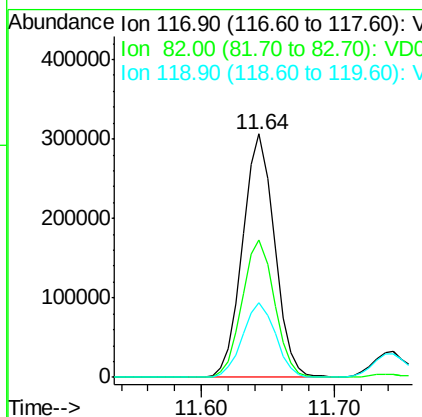
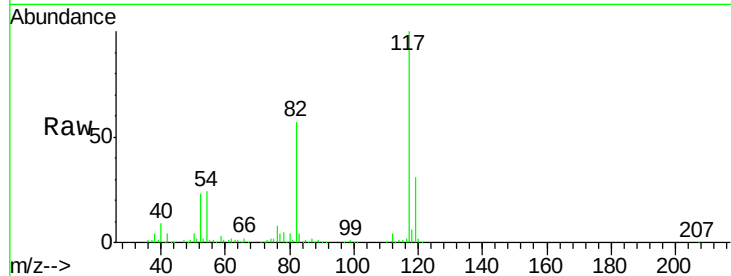
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	507098		
82	56.6		46.2	69.2
119	30.7		25.8	38.8

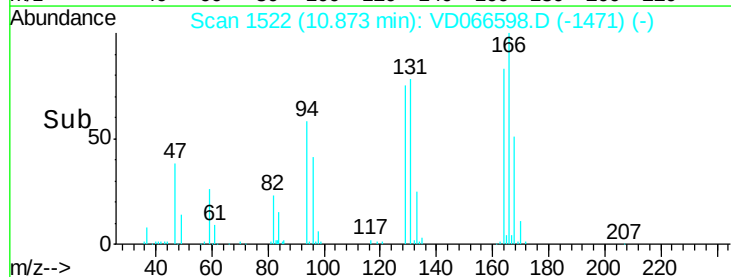
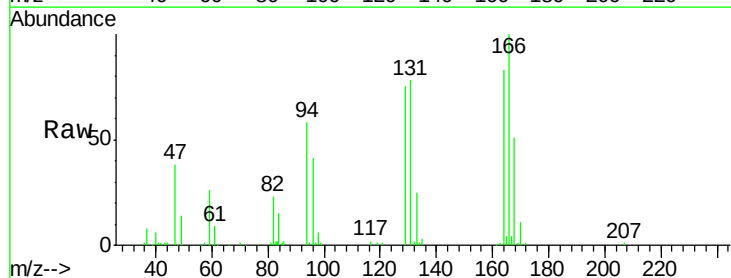
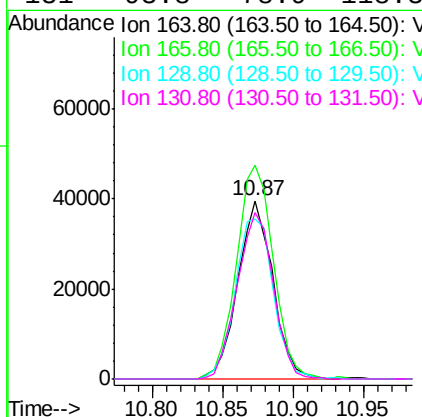
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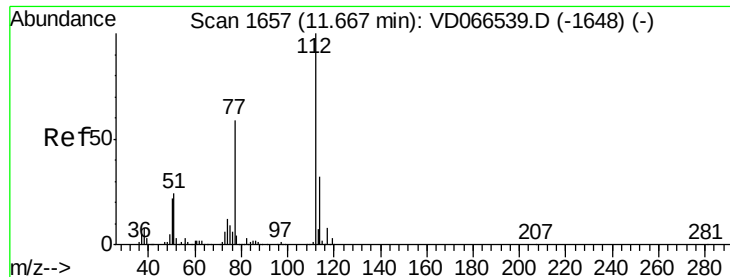
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#64
Tetrachloroethene
Concen: 20.120 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68696		
166	120.0		103.2	154.8
129	89.9		84.5	126.7
131	93.8		78.9	118.3





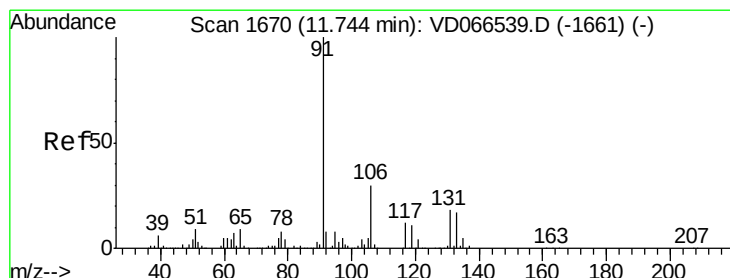
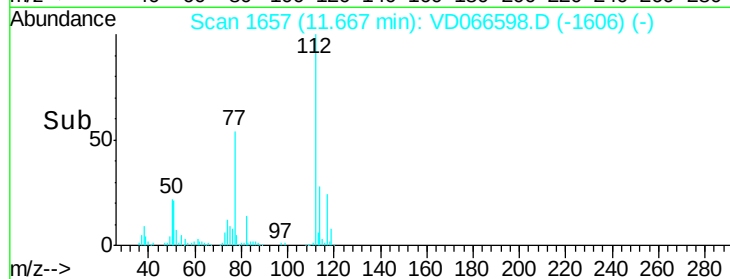
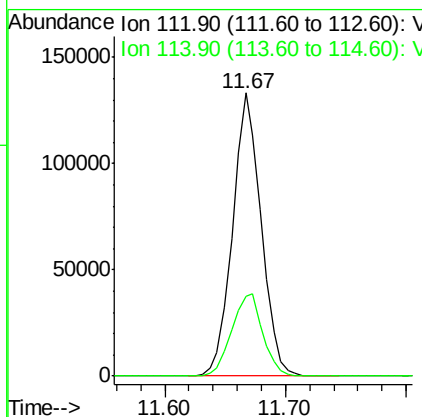
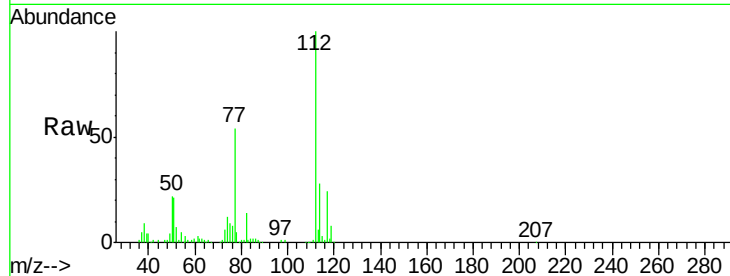
#65
Chlorobenzene
Concen: 20.947 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	28.3	25.7	38.5

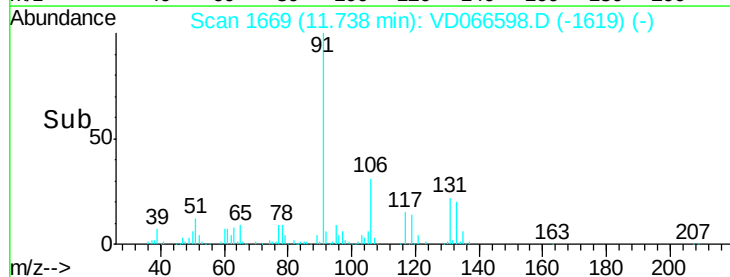
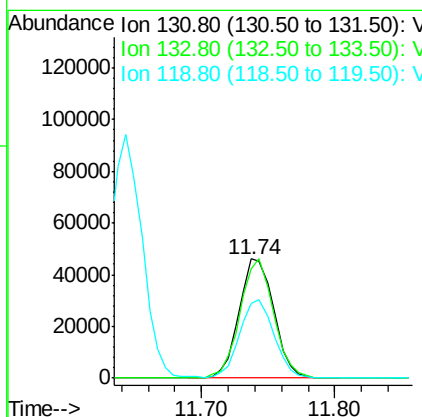
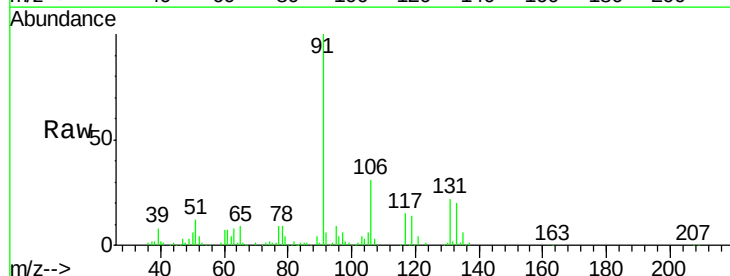
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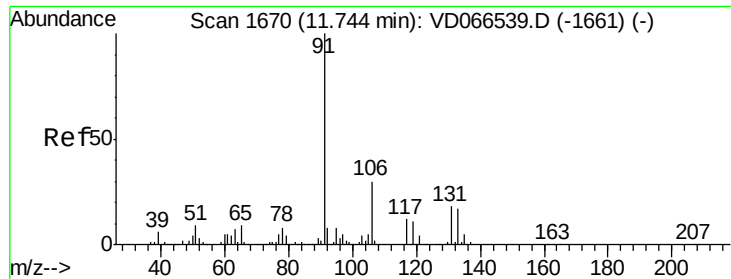
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.785 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	46.7	140.0
119	65.0	31.9	95.7





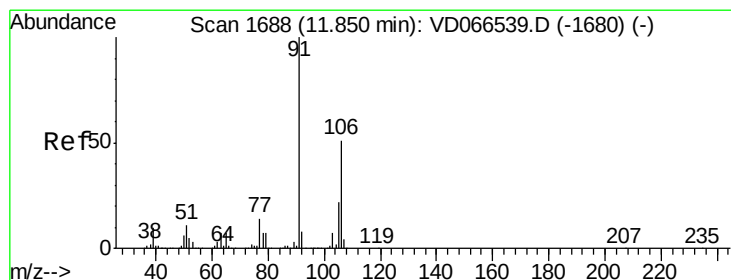
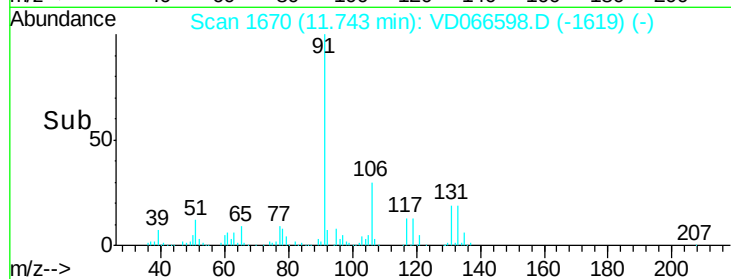
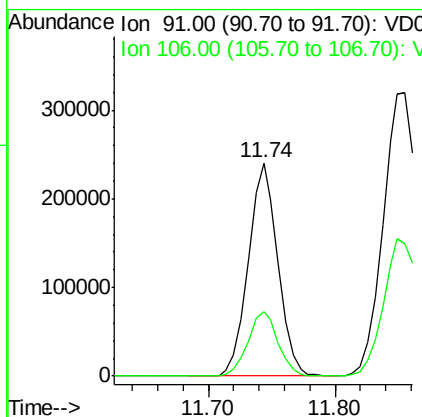
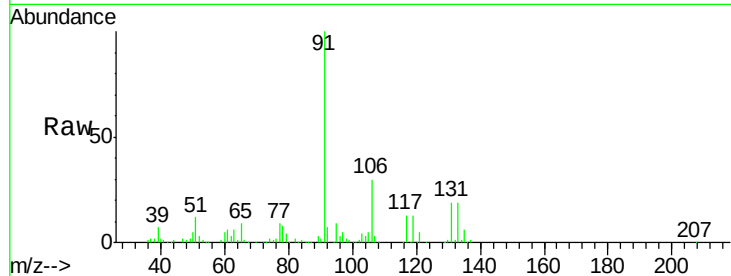
#67
Ethyl Benzene
Concen: 20.177 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5

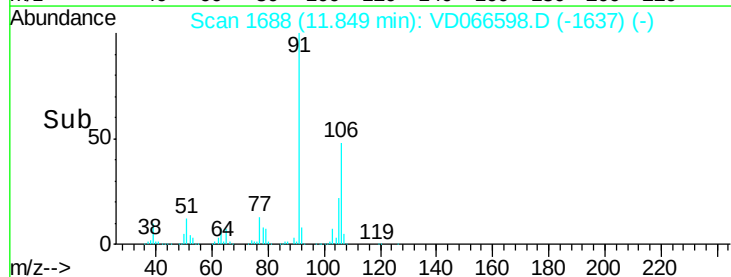
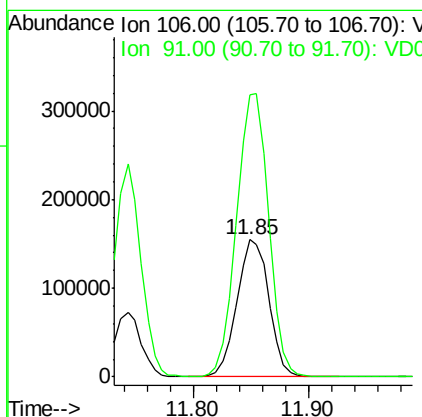
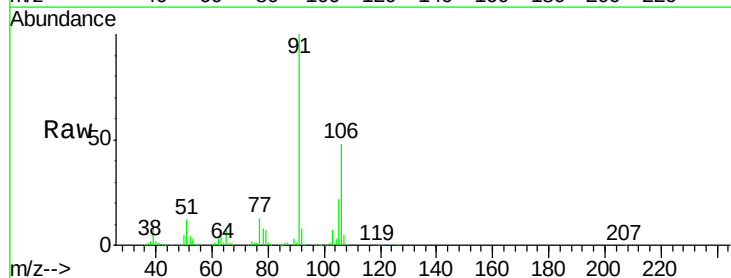
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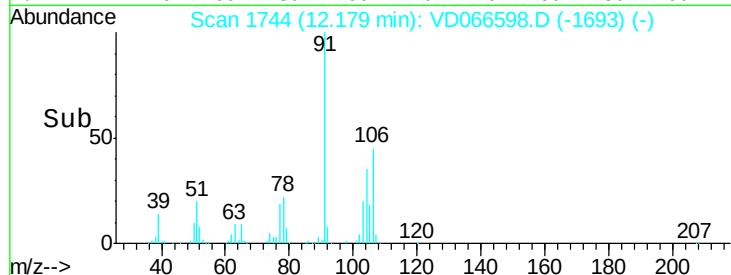
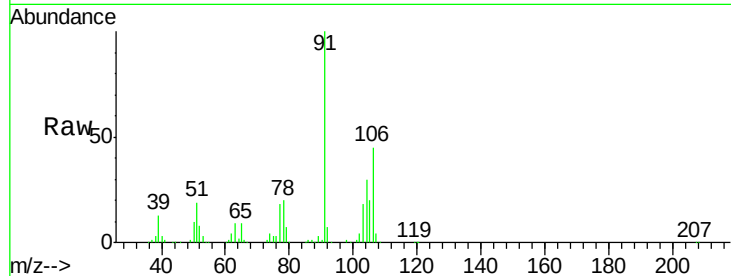
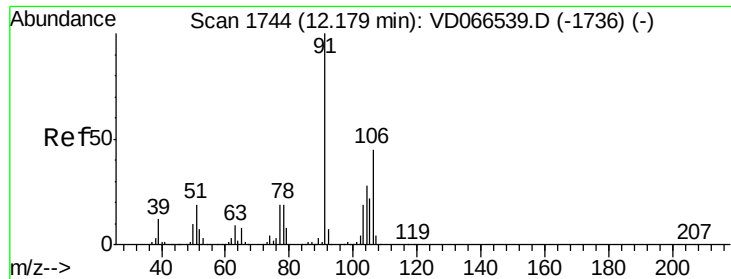
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#68
m/p-Xylenes
Concen: 41.590 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.3	162.4	243.6





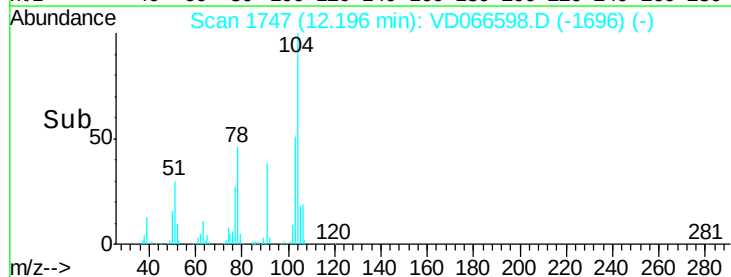
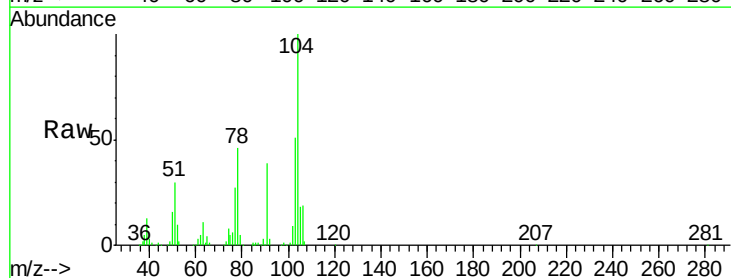
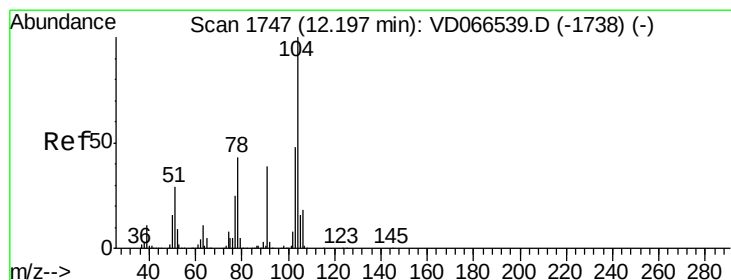
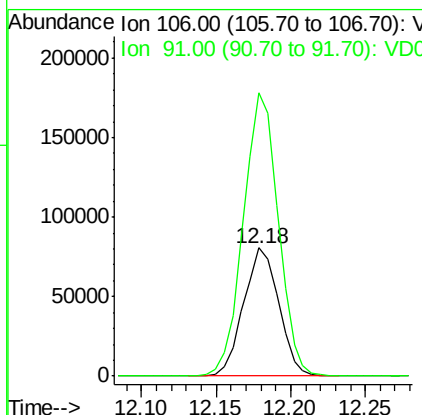
#69
o-Xylene
Concen: 20.710 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		132439		
91	218.4	107.9	323.8		

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

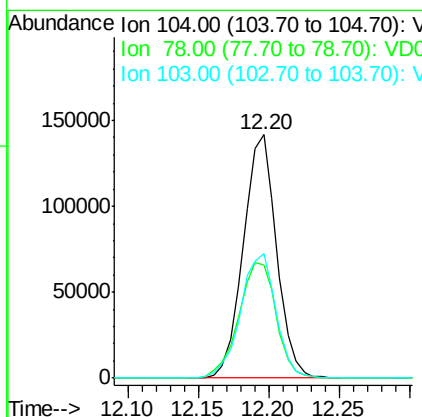
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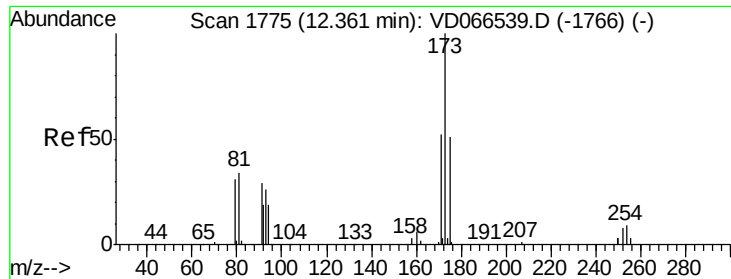
MMDadoda
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#70
Styrene
Concen: 21.052 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		234045		
78	53.4	40.7	61.1		
103	54.5	42.9	64.3		





#71

Bromoform

Concen: 21.267 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

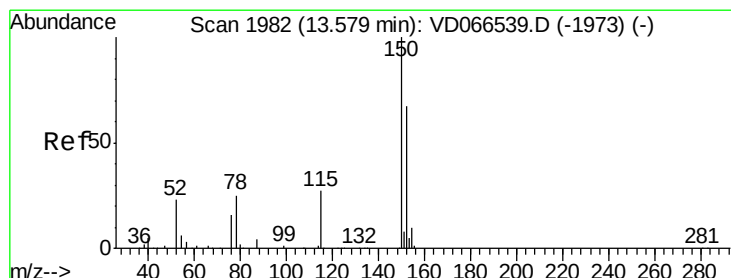
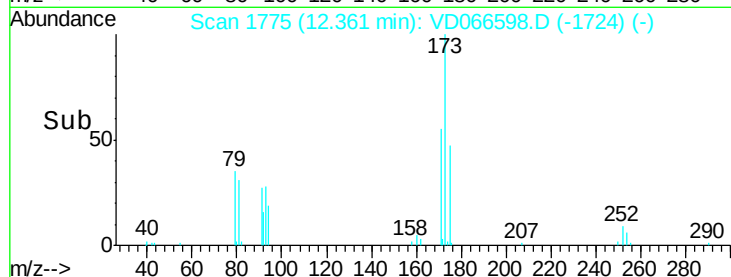
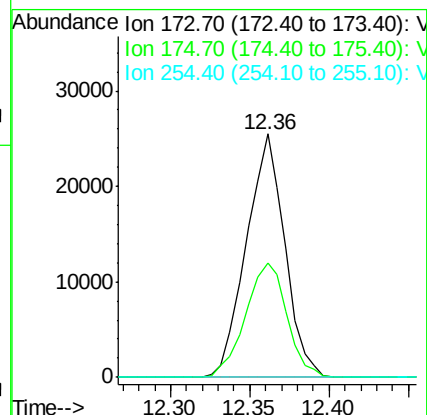
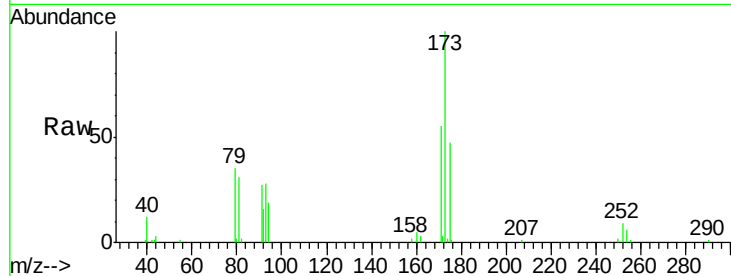
ClientSampleId :

VD0909SBS02

Tot Ion:	173	Resp:	42811
Ion Ratio	Lower	Upper	
173	100		
175	50.9	24.2	72.6
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

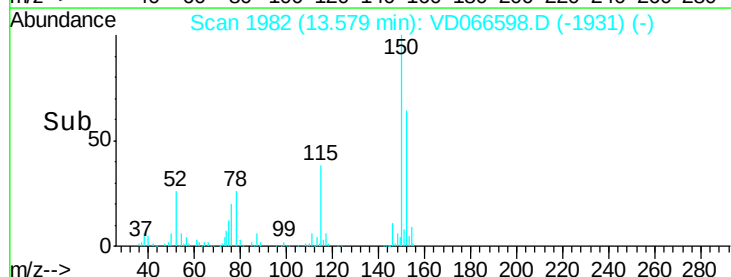
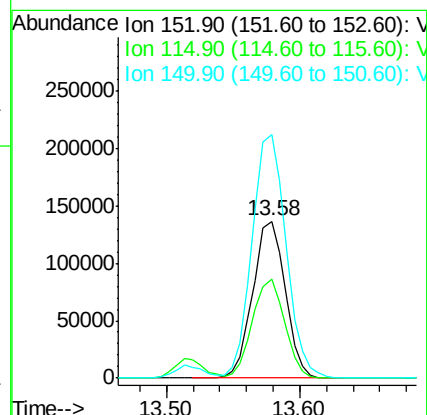
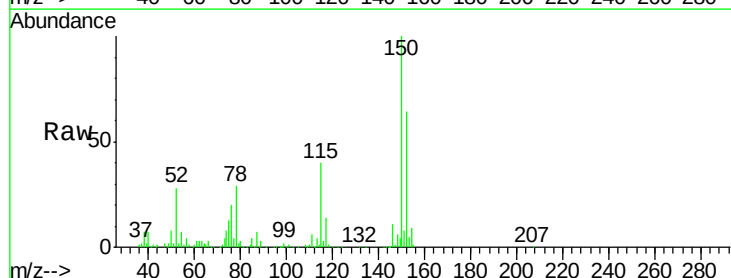
RT: 13.58 min Scan# 1982

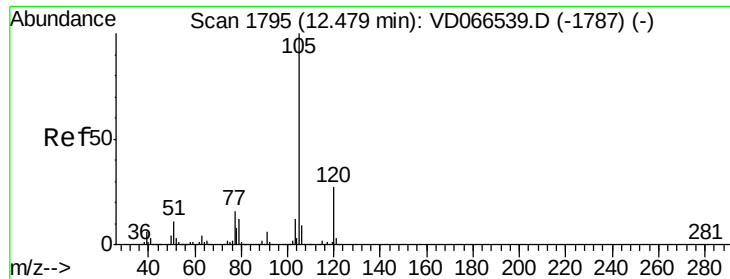
Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	152	Resp:	228905
Ion Ratio	Lower	Upper	
152	100		
115	63.0	30.4	91.2
150	163.4	0.0	345.8





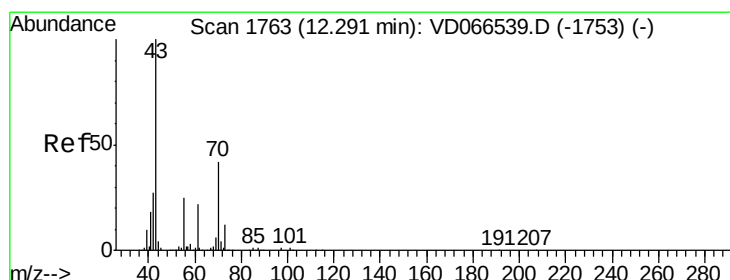
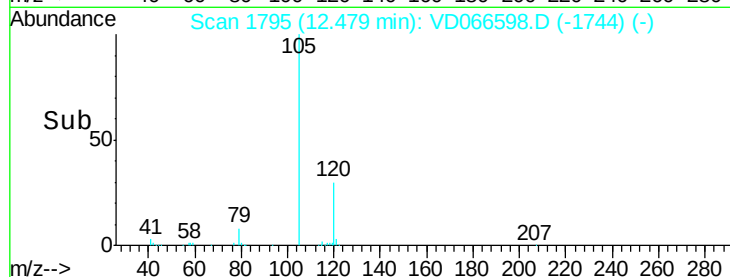
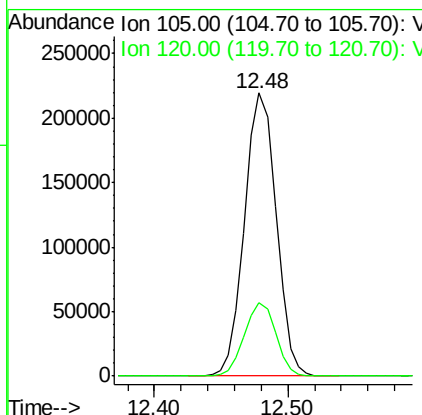
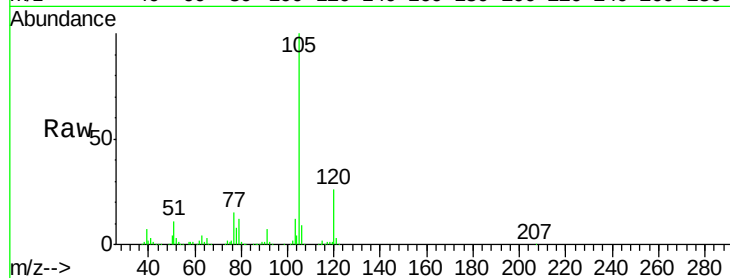
#73
Isopropylbenzene
Concen: 21.262 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	39.0

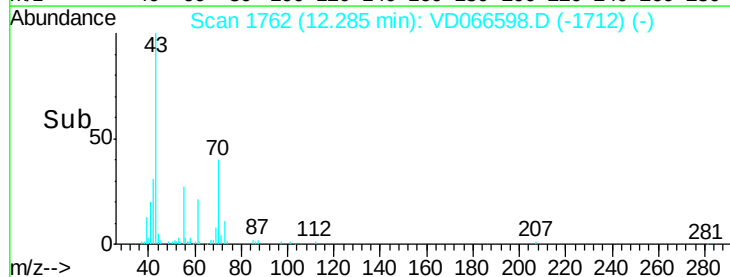
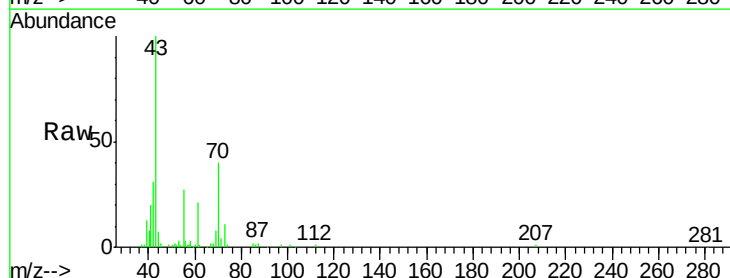
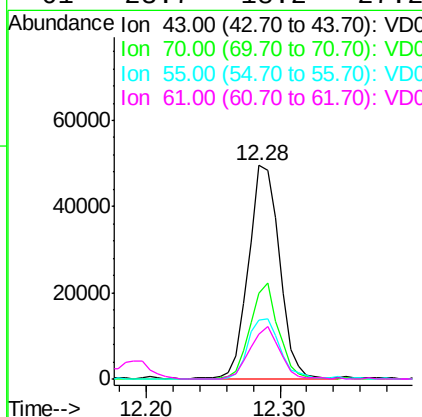
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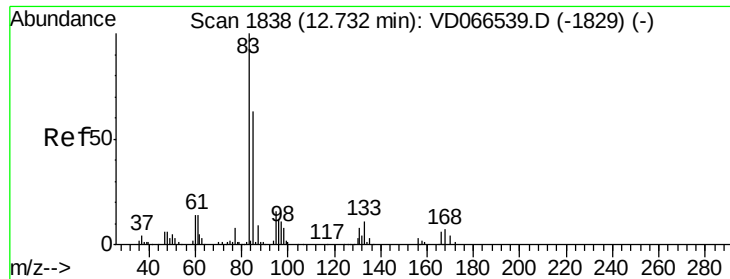
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#74
N-ethyl acetate
Concen: 20.696 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.8	33.4	50.2
55	28.8	20.1	30.1
61	23.7	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.817 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

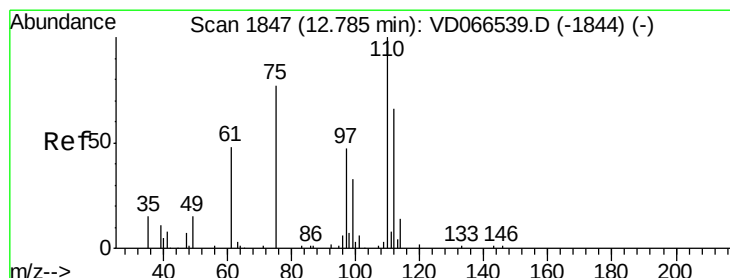
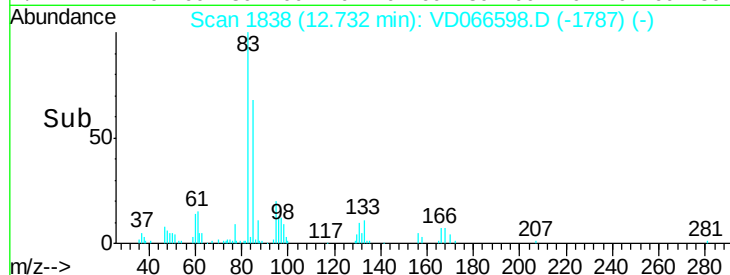
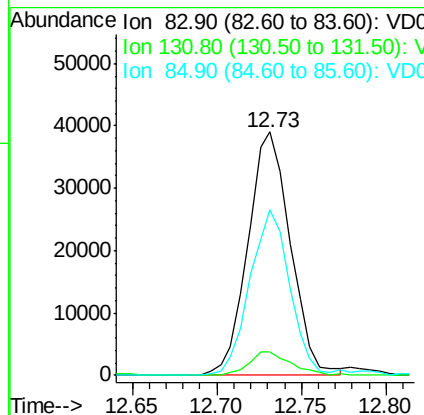
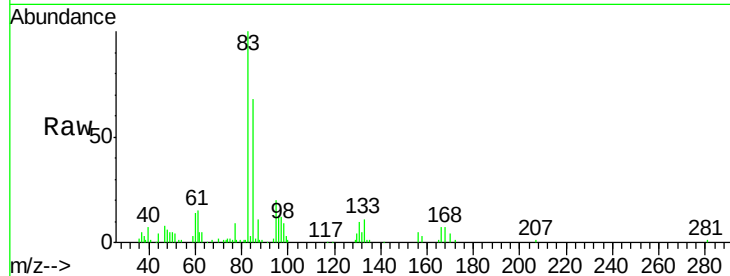
ClientSampleId :

VD0909SBS02

Tot Ion:	83	Resp:	68318
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	63.8	32.1	96.3

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9/10/2020 10:47:03 AM



#76

1,2,3-Trichloropropane

Concen: 19.791 ug/l m

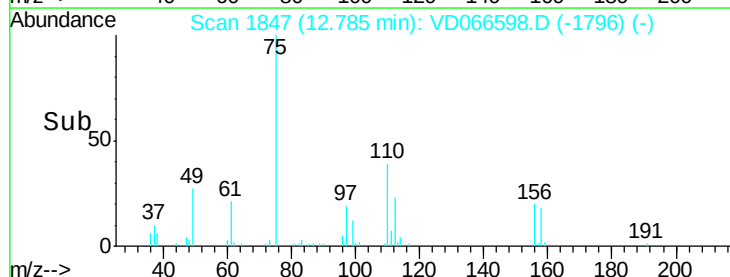
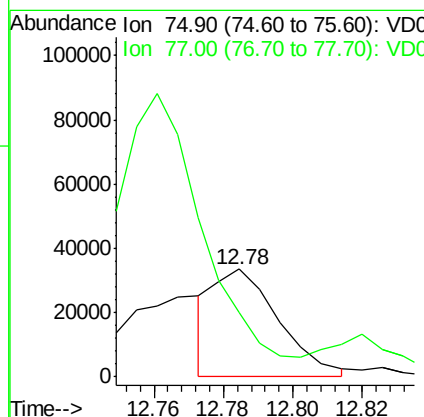
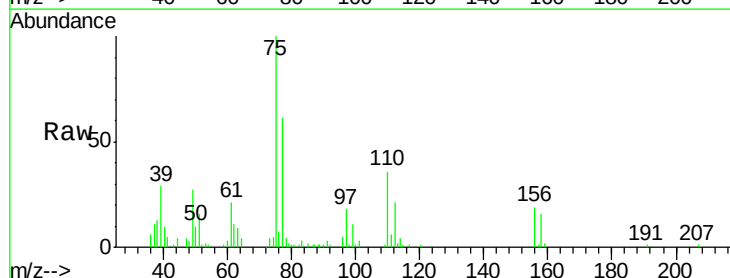
RT: 12.78 min Scan# 1847

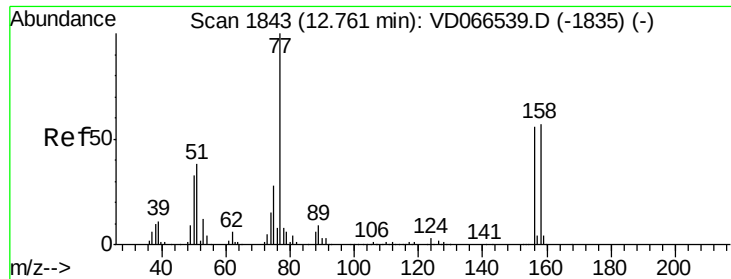
Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	75	Resp:	43569
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.897 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

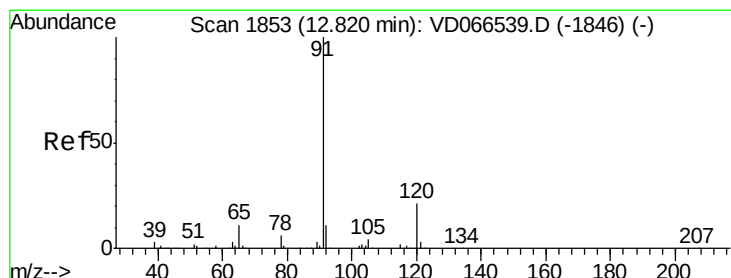
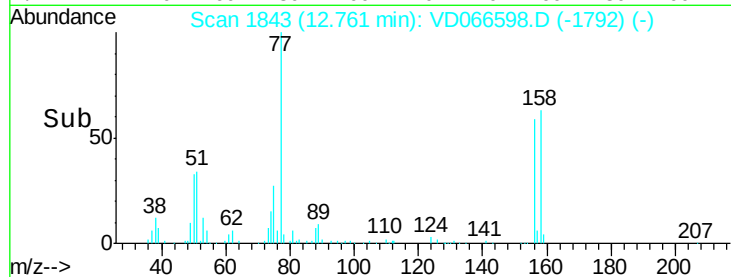
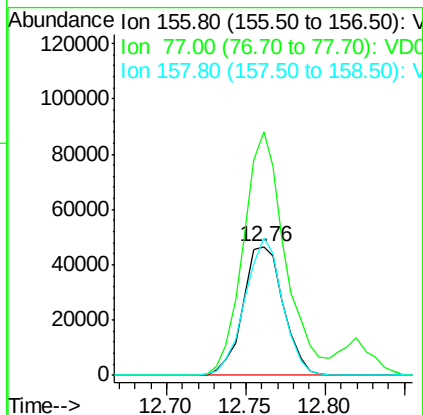
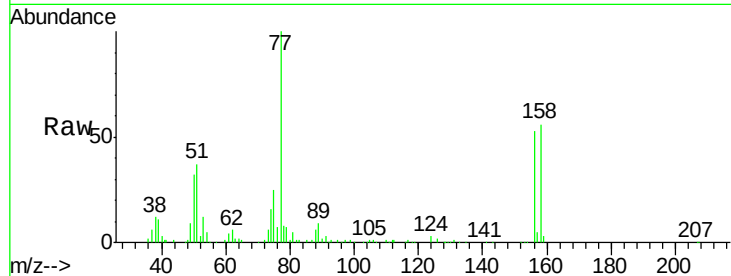
ClientSampleId :

VD0909SBS02

Tot Ion:	156	Resp:	82737
Ion	Ratio	Lower	Upper
156	100		
77	195.6	98.0	294.1
158	99.2	48.1	144.3

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#78

n-propylbenzene

Concen: 21.637 ug/l

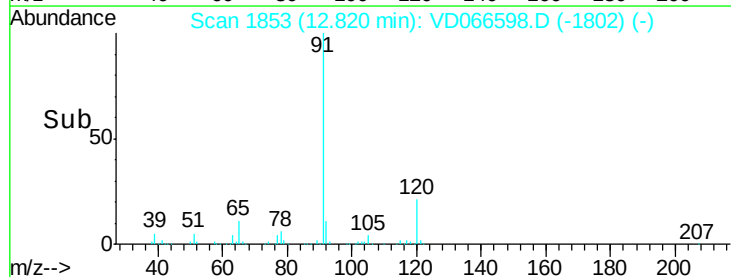
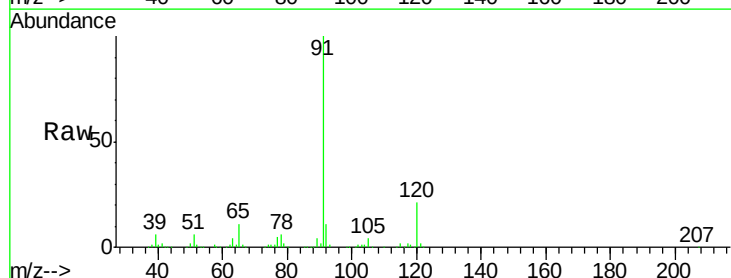
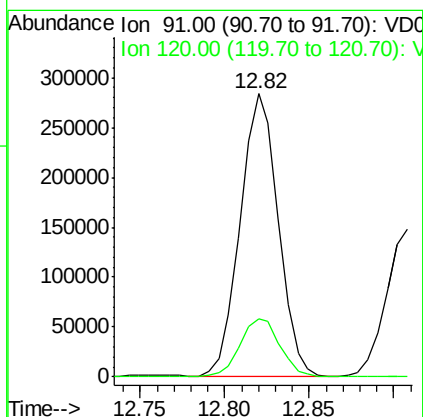
RT: 12.82 min Scan# 1853

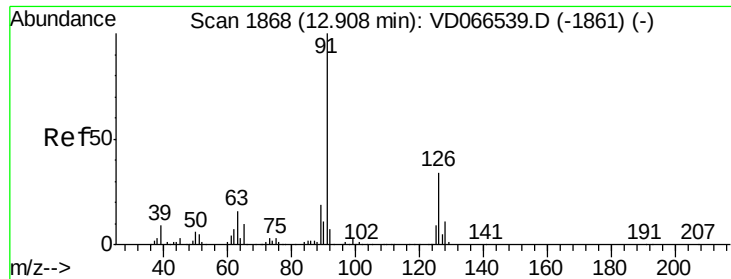
Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	91	Resp:	444531
Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.1





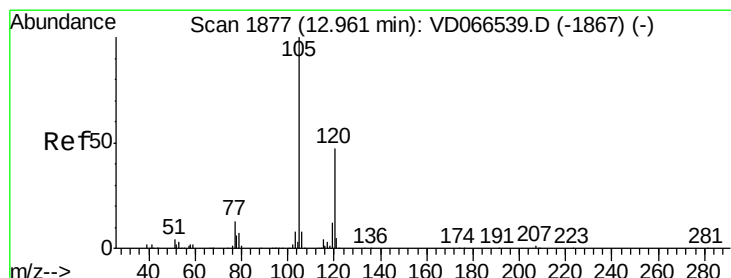
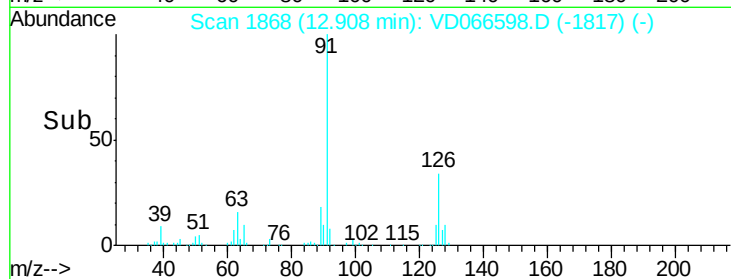
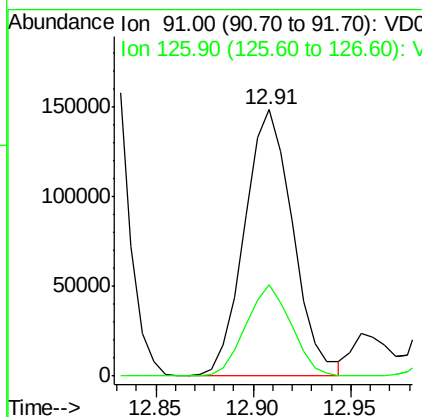
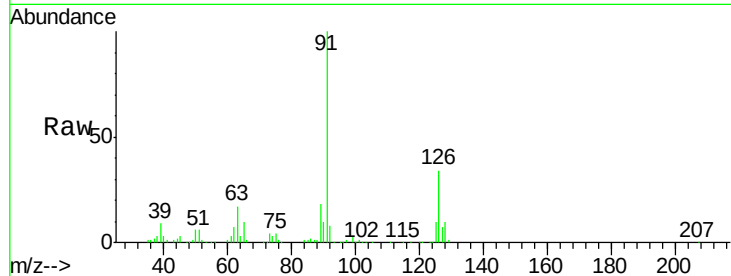
#79
2-Chlorotoluene
Concen: 22.111 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion: 91 Resp: 254842
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

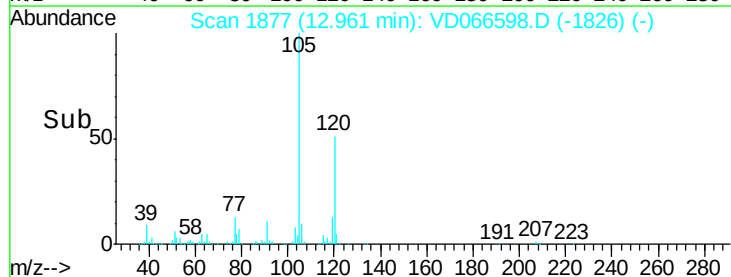
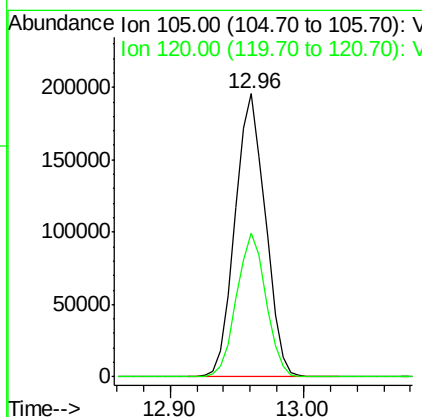
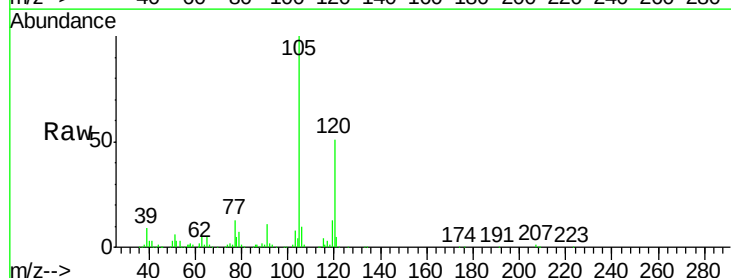
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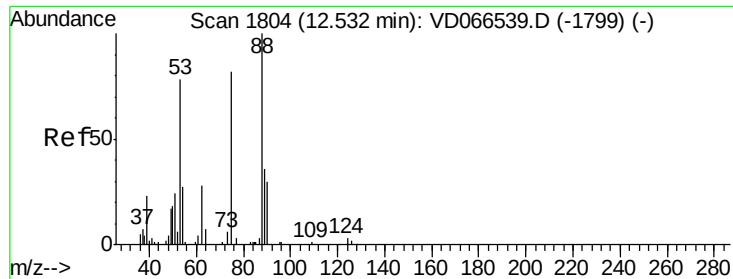
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#80
1,3,5-Trimethylbenzene
Concen: 21.639 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion: 105 Resp: 308664
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.443 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

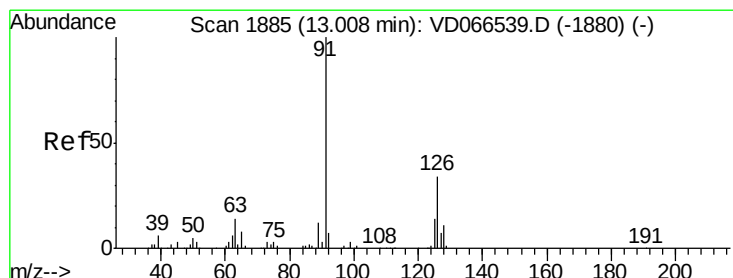
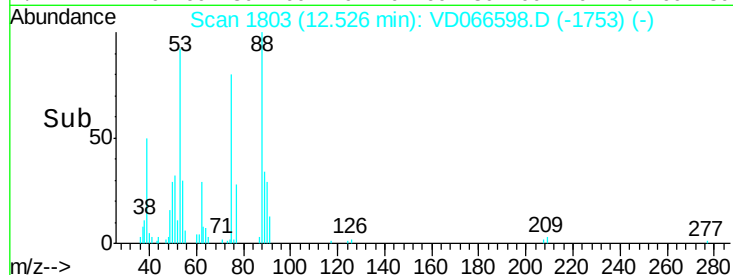
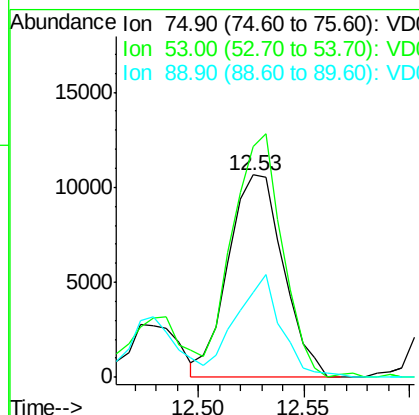
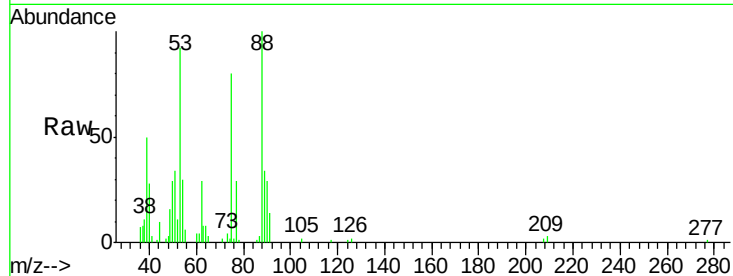
ClientSampleId :

VD0909SBS02

Tot Ion:	75	Resp:	19277
Ion	Ratio	Lower	Upper
75	100		
53	108.7	87.0	130.4
89	42.1	37.1	55.7

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#82

4-Chlorotoluene

Concen: 21.812 ug/l

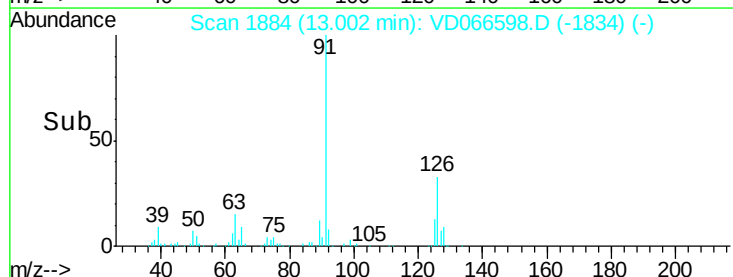
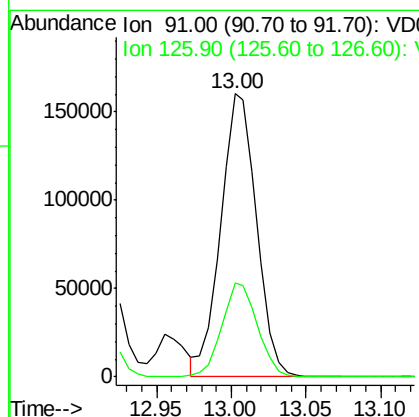
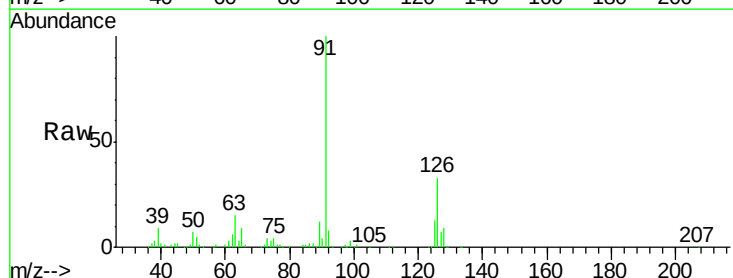
RT: 13.00 min Scan# 1884

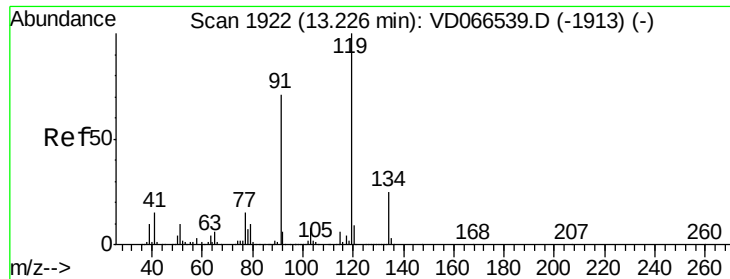
Delta R.T. -0.01 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Tgt Ion:	91	Resp:	268839
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.1





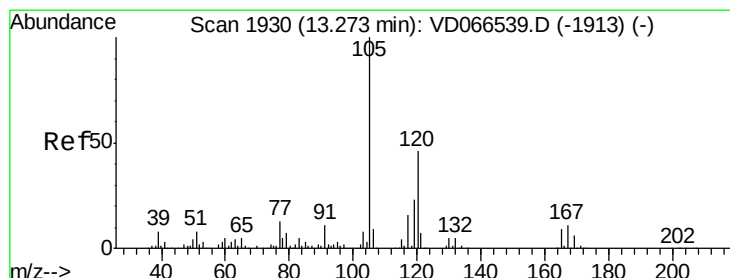
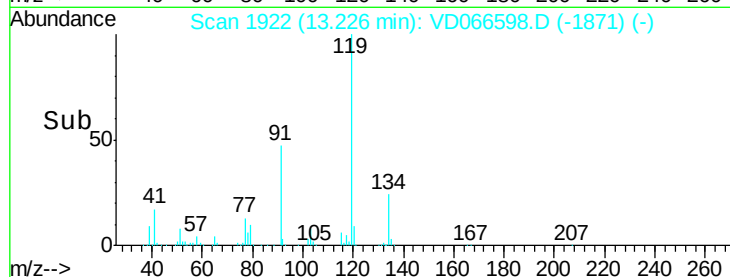
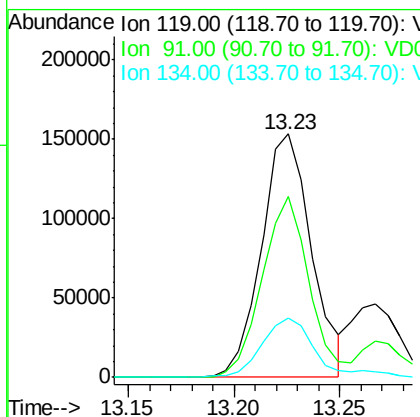
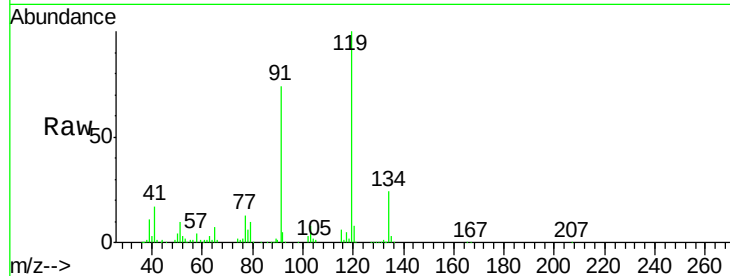
#83
 tert-Butylbenzene
 Concen: 21.797 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	253902		
91	70.2	35.2	105.6	
134	26.4	13.5	40.5	

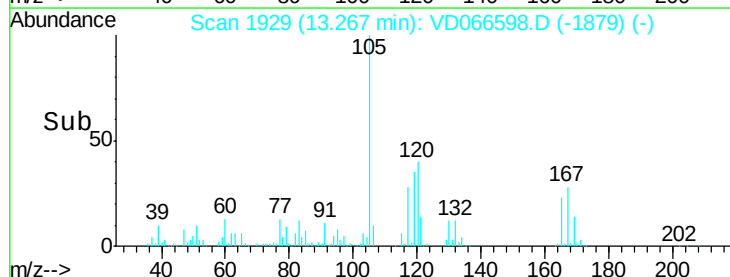
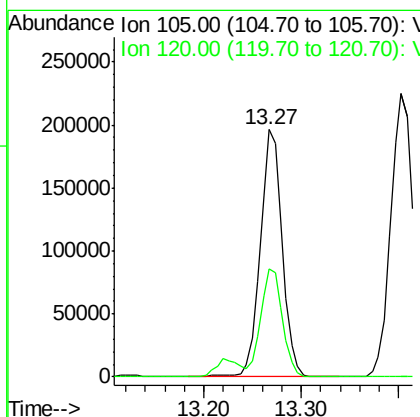
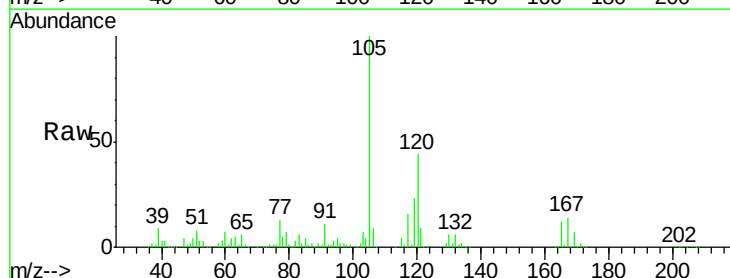
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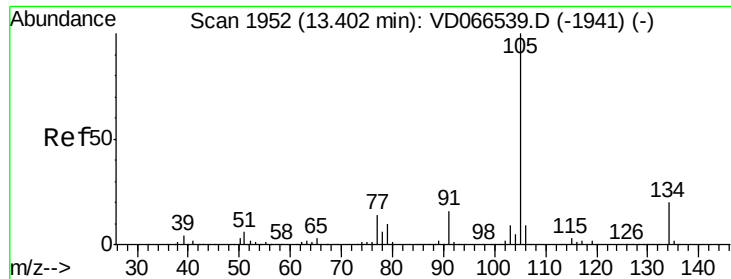
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.740 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	308756		
120	43.1	22.6	67.7	





#85

sec-Butylbenzene

Concen: 21.388 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

Tot Ion:105 Resp: 358935

Ion Ratio Lower Upper

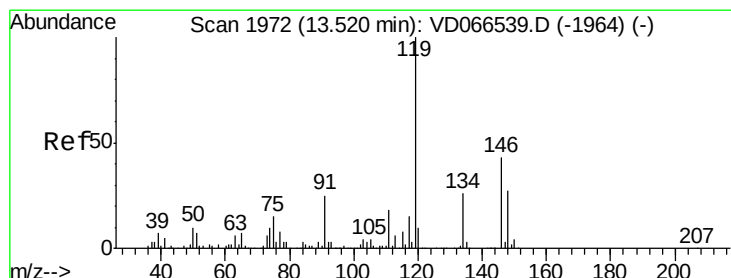
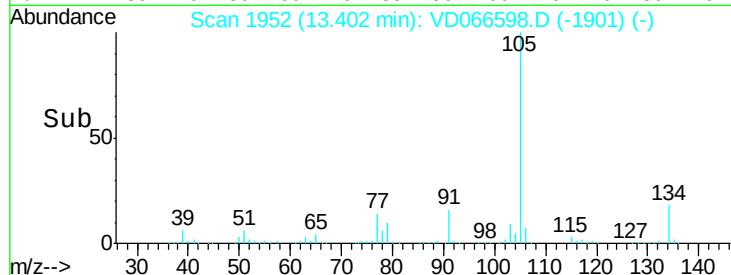
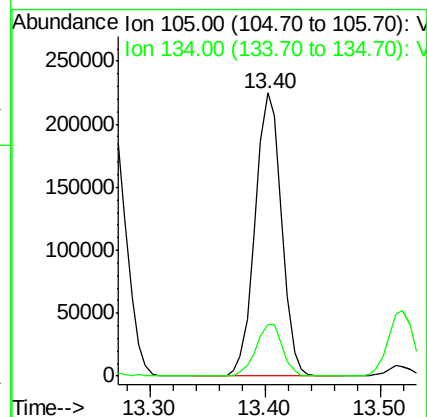
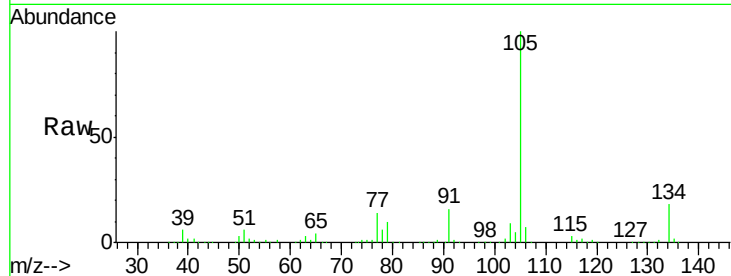
105 100

134 18.6 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 21.189 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066598.D

Acq: 09 Sep 2020 23:54

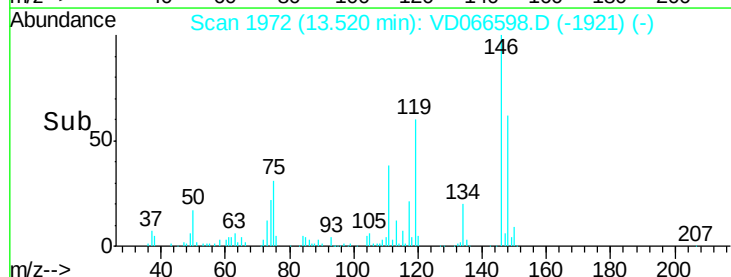
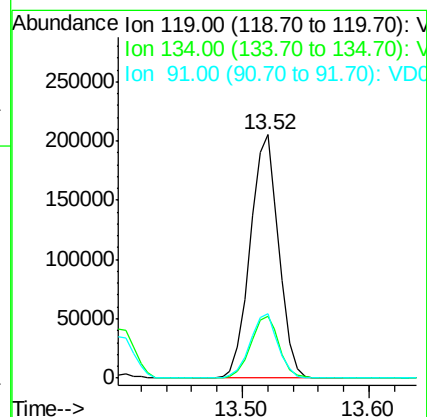
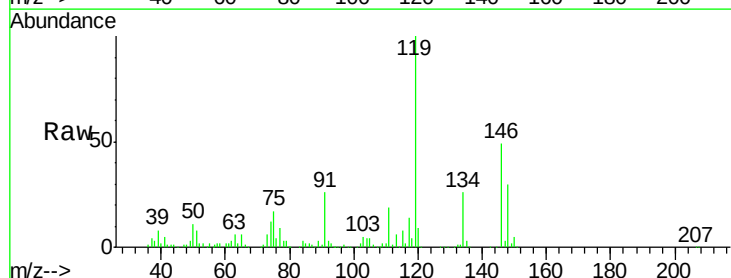
Tgt Ion:119 Resp: 320068

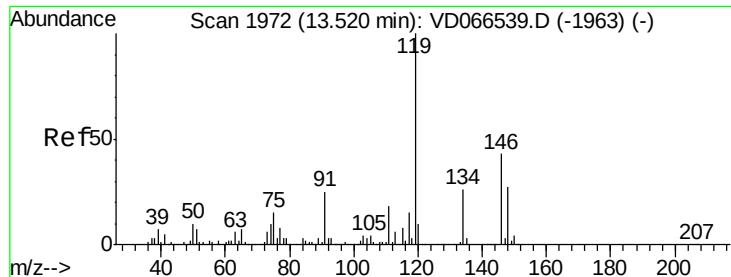
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.0

91 25.9 12.5 37.5





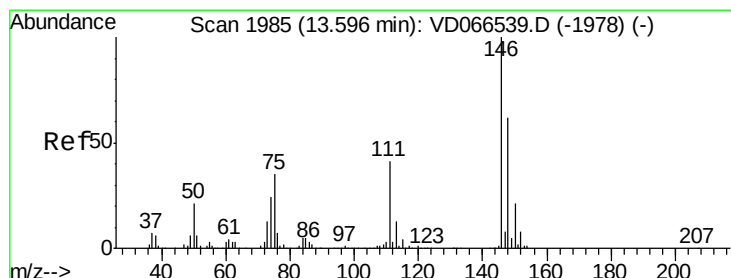
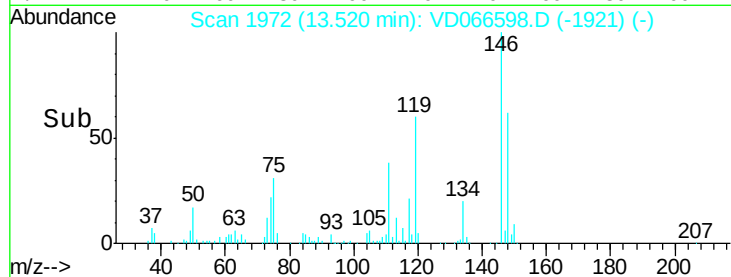
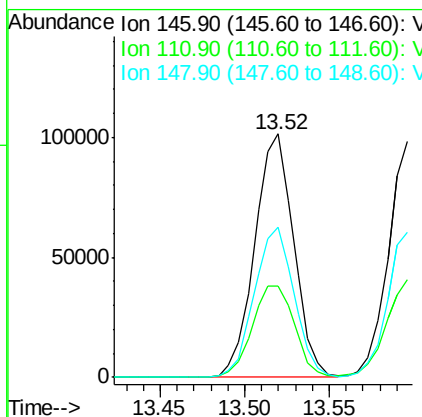
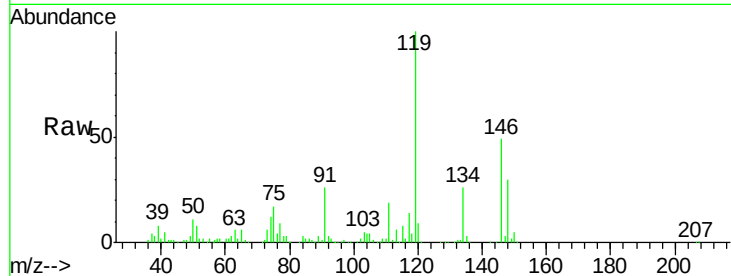
#87
 1,3-Dichlorobenzene
 Concen: 21.665 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	162516		
111	41.0	20.6	61.9	
148	62.9	32.1	96.3	

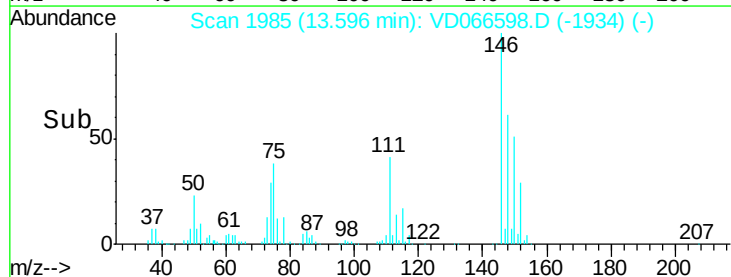
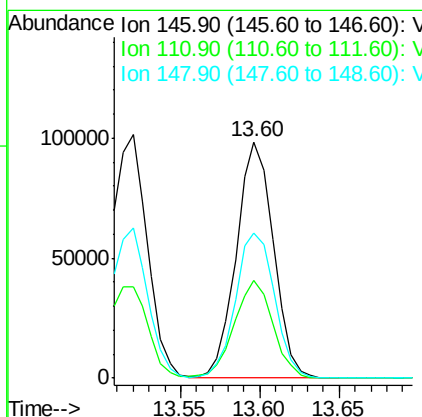
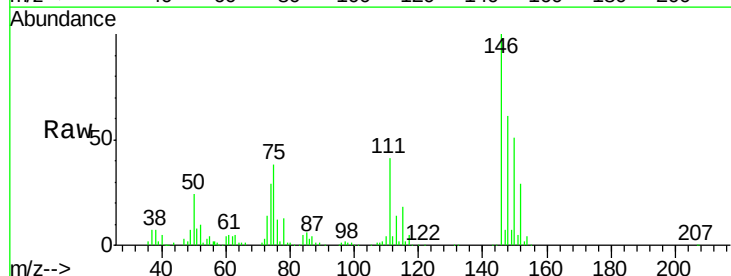
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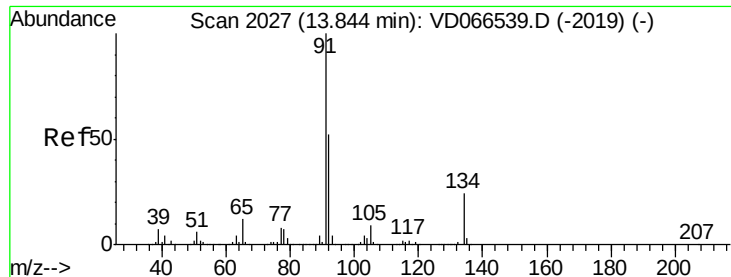
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#88
 1,4-Dichlorobenzene
 Concen: 21.286 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	160259		
111	43.1	20.1	60.2	
148	64.8	31.6	94.8	





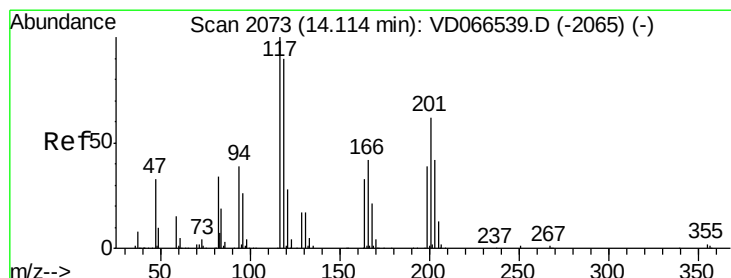
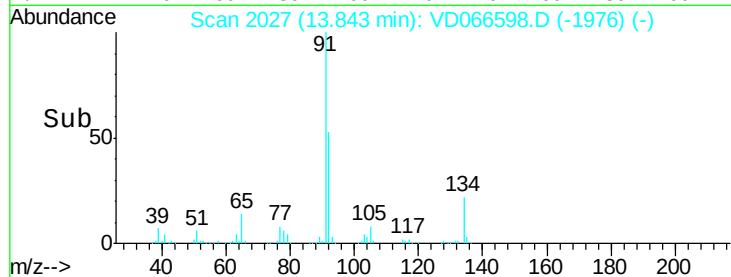
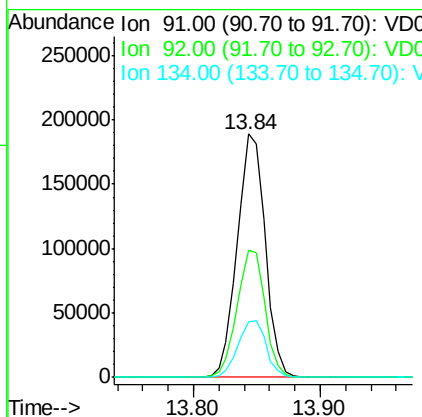
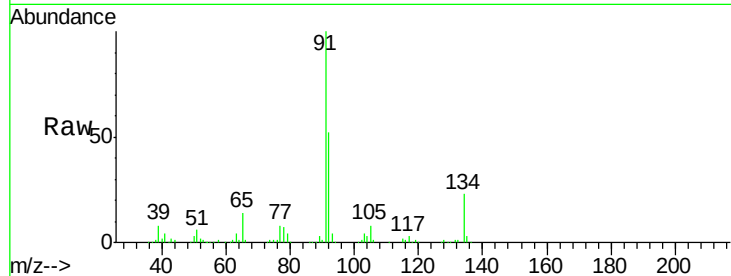
#89
n-Butylbenzene
Concen: 19.613 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	288698		
92	52.2	26.5	79.5	
134	23.7	12.1	36.3	

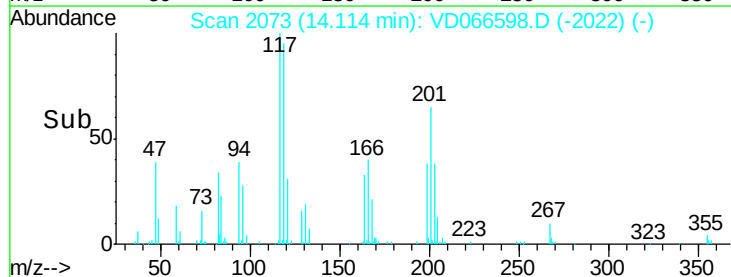
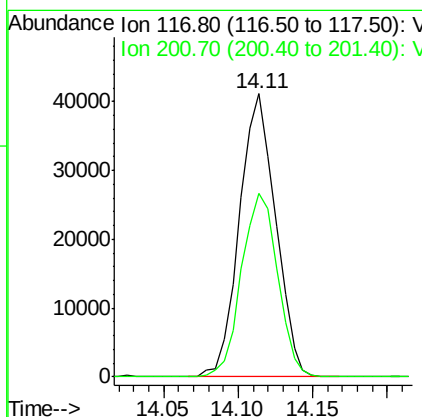
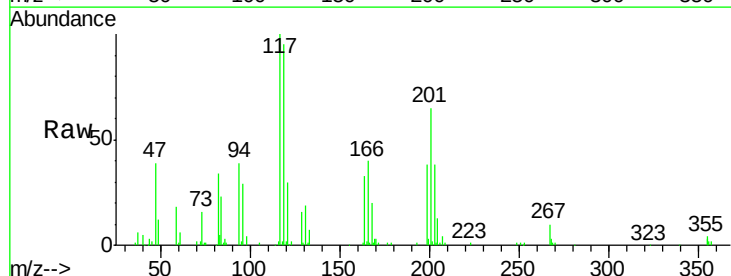
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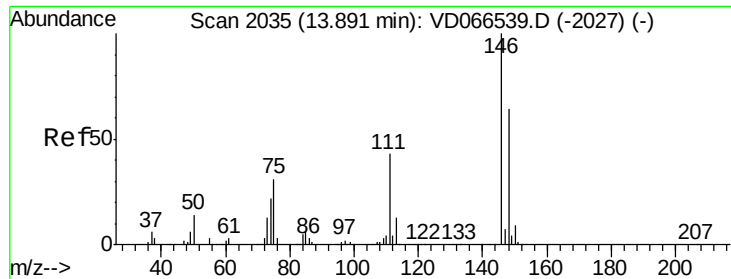
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#90
Hexachloroethane
Concen: 21.232 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69104		
201	64.5	31.9	95.5	





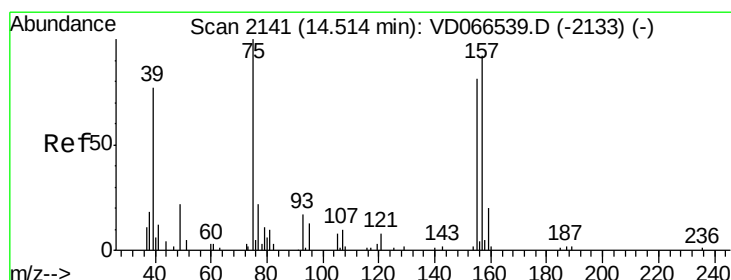
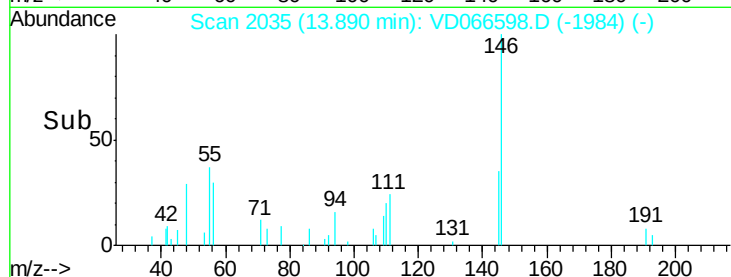
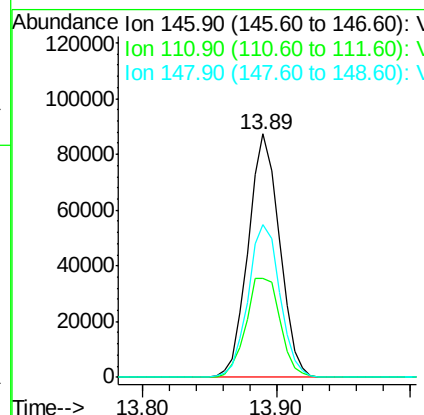
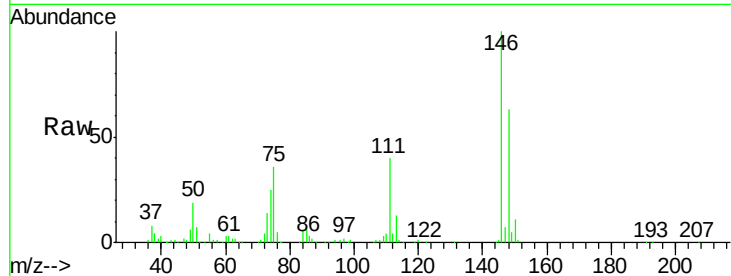
#91
 1,2-Dichlorobenzene
 Concen: 21.556 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	141331		
111	44.7	21.1	63.4	
148	63.8	31.8	95.3	

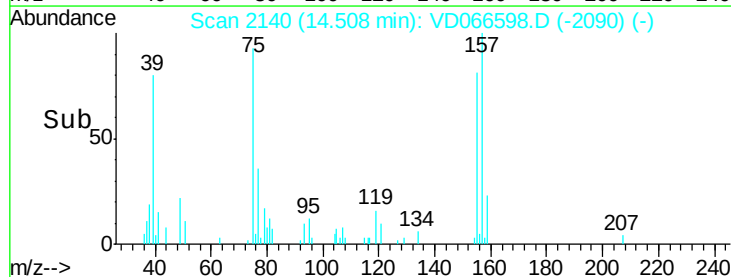
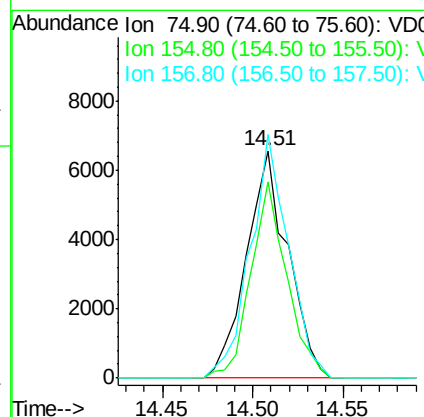
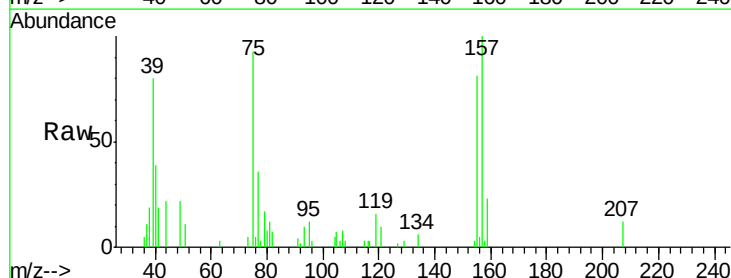
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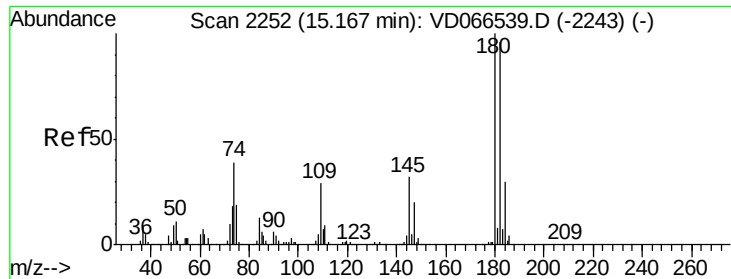
MMDadoda
 9/10/2020 10:47:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.357 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10354		
155	75.2	39.3	117.8	
157	100.0	46.0	137.8	





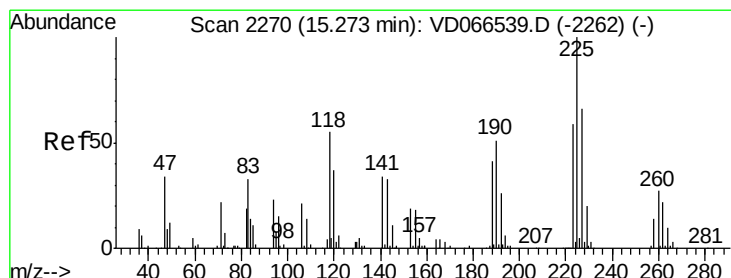
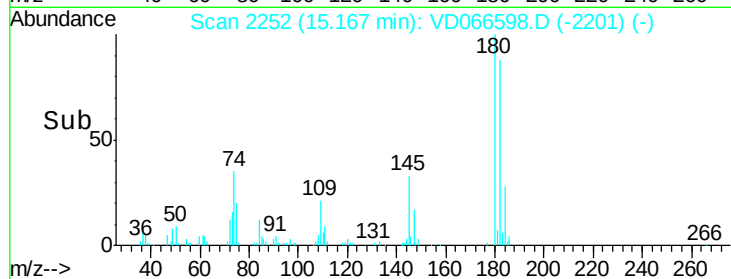
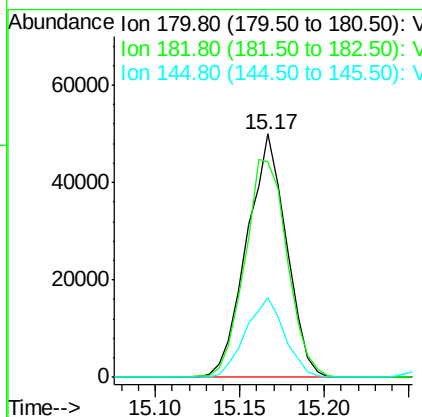
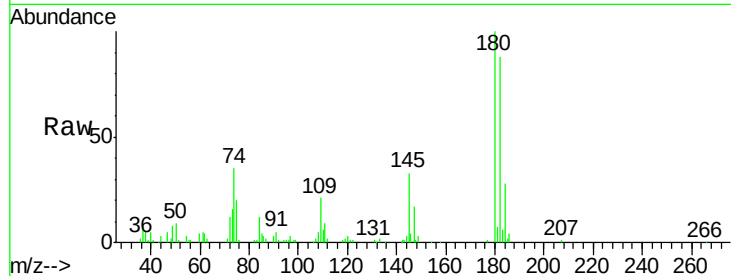
#93
 1,2,4-Trichlorobenzene
 Concen: 20.782 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81776		
182	95.8		48.4	145.0
145	32.2		16.7	50.0

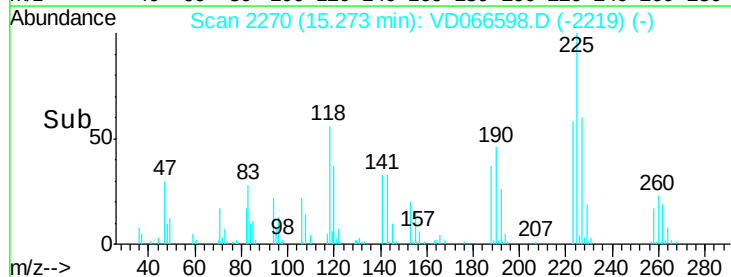
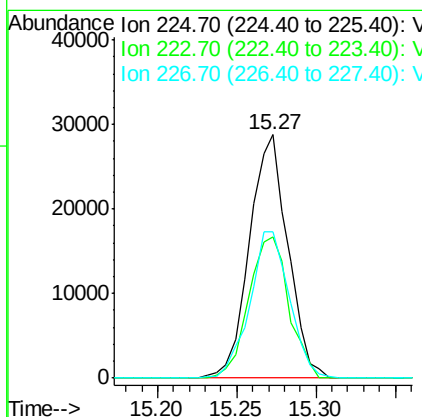
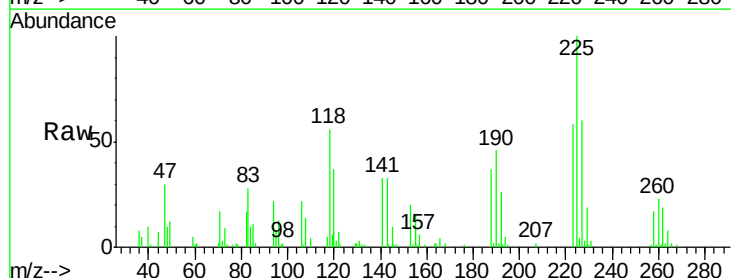
Manual Integrations
 APPROVED

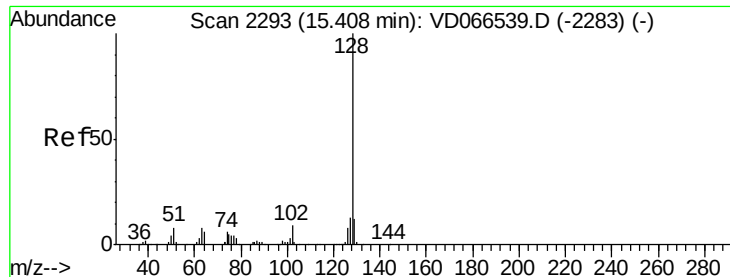
MMDadoda
 9/10/2020 10:47:03 AM



#94
 Hexachlorobutadiene
 Concen: 20.432 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066598.D
 Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48301		
223	60.7		30.5	91.5
227	62.5		32.4	97.2





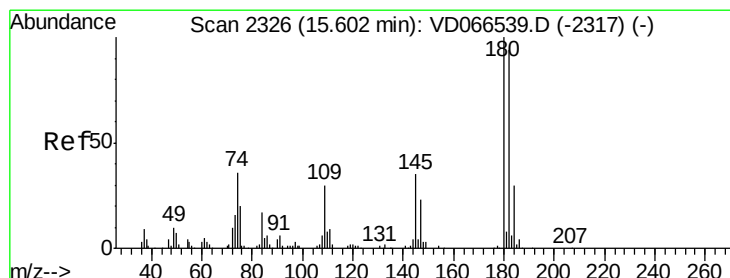
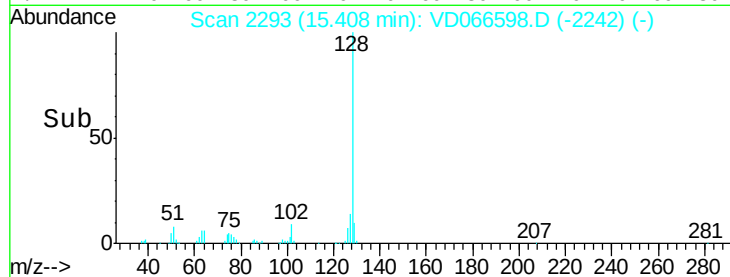
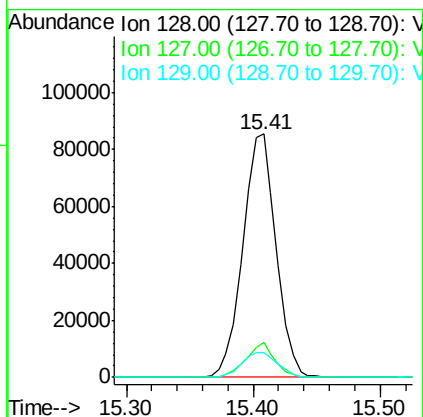
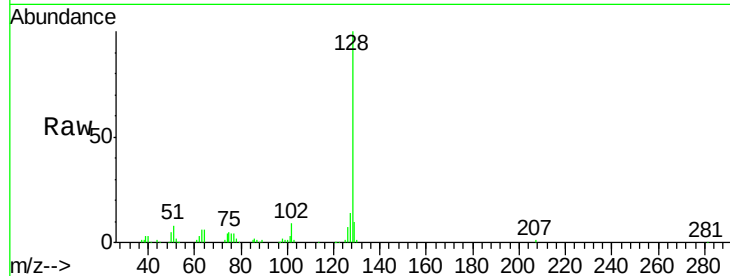
#95
Naphthalene
Concen: 22.555 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.7	16.1
129	10.8	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/10/2020 10:47:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.148 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066598.D
Acq: 09 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.9	143.6
145	32.4	17.3	51.7

