

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066414.D
 Acq On : 26 Aug 2020 12:19
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Manual Integrations
 APPROVED

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 8/27/2020 3:08:33 PM

Quant Time: Aug 27 07:52:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	191280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	261238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	242123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	102187	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
35) Dibromofluoromethane	7.91	113	86652	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	10.33	98	327279	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.63	95	118327	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	33794	20.781	ug/l	99
3) Chloromethane	2.21	50	20825	18.067	ug/l	98
4) Vinyl Chloride	2.34	62	23122	18.683	ug/l	94
5) Bromomethane	2.75	94	19481	21.045	ug/l	97
6) Chloroethane	2.91	64	15051	18.992	ug/l	91
7) Trichlorofluoromethane	3.27	101	68323	20.302	ug/l	98
8) Diethyl Ether	3.71	74	13547	17.966	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	31591	19.021	ug/l	97
10) Methyl Iodide	4.30	142	26215	13.839	ug/l	89
11) Tert butyl alcohol	5.19	59	15102m	117.158	ug/l	
12) 1,1-Dichloroethene	4.06	96	28879	18.524	ug/l	93
13) Acrolein	3.92	56	6700	80.456	ug/l	96
14) Allyl chloride	4.71	41	34543	16.600	ug/l	87
15) Acrylonitrile	5.41	53	26590	87.891	ug/l	98
16) Acetone	4.16	43	28902	85.487	ug/l	99
17) Carbon Disulfide	4.41	76	79753	16.880	ug/l	97
18) Methyl Acetate	4.71	43	10785	16.997	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	71601	19.074	ug/l	99
20) Methylene Chloride	4.96	84	37909	16.775	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	31640	17.435	ug/l	95
22) Diisopropyl ether	6.36	45	70544	17.510	ug/l #	91
23) Vinyl Acetate	6.30	43	215912	86.570	ug/l	96
24) 1,1-Dichloroethane	6.26	63	51262	18.005	ug/l	98
25) 2-Butanone	7.21	43	33308	86.782	ug/l	96
26) 2,2-Dichloropropane	7.20	77	57528	18.853	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	35741	18.380	ug/l	97
28) Bromochloromethane	7.54	49	16785	17.115	ug/l	89
29) Tetrahydrofuran	7.55	42	17950	82.339	ug/l	92
30) Chloroform	7.70	83	62210	18.886	ug/l	99
31) Cyclohexane	7.98	56	43893	16.857	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	68464	20.308	ug/l	99
36) 1,1-Dichloropropene	8.11	75	45917	19.264	ug/l	97
37) Ethyl Acetate	7.29	43	14524	17.915	ug/l #	93
38) Carbon Tetrachloride	8.09	117	66747	21.493	ug/l	98

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Manual Integrations
 APPROVED

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 8/27/2020 3:08:33 PM

Quant Time: Aug 27 07:52:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	54646	19.462	ug/l	95
40) Benzene	8.35	78	119873	19.117	ug/l	97
41) Methacrylonitrile	7.53	41	10107	20.216	ug/l #	90
42) 1,2-Dichloroethane	8.41	62	46306	20.967	ug/l	98
43) Isopropyl Acetate	8.44	43	29329	18.024	ug/l	97
44) Trichloroethene	9.11	130	40836	20.042	ug/l	98
45) 1,2-Dichloropropane	9.38	63	25292	17.792	ug/l	98
46) Dibromomethane	9.47	93	16852	19.040	ug/l	96
47) Bromodichloromethane	9.66	83	49133	20.185	ug/l	98
48) Methyl methacrylate	9.45	41	14555	17.346	ug/l	93
49) 1,4-Dioxane	9.46	88	3635	353.687	ug/l #	85
51) 4-Methyl-2-Pentanone	10.22	43	72990	92.724	ug/l	100
52) Toluene	10.40	92	84214	19.823	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	46051	19.939	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	47493	18.320	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	22361	18.662	ug/l	94
56) Ethyl methacrylate	10.66	69	25705	18.532	ug/l #	91
57) 1,3-Dichloropropane	10.94	76	39446	19.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	58169	100.971	ug/l	92
59) 2-Hexanone	10.98	43	50614	91.156	ug/l	100
60) Dibromochloromethane	11.14	129	35686	19.758	ug/l	99
61) 1,2-Dibromoethane	11.24	107	23854	20.229	ug/l	89
64) Tetrachloroethene	10.87	164	36680	19.970	ug/l	92
65) Chlorobenzene	11.67	112	95653	19.857	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	38685	19.651	ug/l	99
67) Ethyl Benzene	11.74	91	165816	19.556	ug/l	96
68) m/p-Xylenes	11.85	106	131673	40.742	ug/l	99
69) o-Xylene	12.18	106	59875	19.914	ug/l	97
70) Styrene	12.20	104	105247	20.387	ug/l	99
71) Bromoform	12.36	173	23089	20.673	ug/l #	98
73) Isopropylbenzene	12.48	105	172475	19.846	ug/l	98
74) N-amyl acetate	12.29	43	26855	17.110	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	23181	18.672	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	20575m	22.544	ug/l	
77) Bromobenzene	12.76	156	41710	18.910	ug/l	99
78) n-propylbenzene	12.82	91	193517	19.421	ug/l	99
79) 2-Chlorotoluene	12.91	91	109554	19.250	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	144543	19.263	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	6930	16.118	ug/l	86
82) 4-Chlorotoluene	13.01	91	118206	19.604	ug/l	99
83) tert-Butylbenzene	13.23	119	126195	19.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	147952	20.075	ug/l	98
85) sec-Butylbenzene	13.40	105	165676	19.402	ug/l	100
86) p-Isopropyltoluene	13.52	119	166536	20.226	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	81887	19.888	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	80299	19.423	ug/l	98
89) n-Butylbenzene	13.85	91	137926	18.983	ug/l	100
90) Hexachloroethane	14.12	117	30313	18.637	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	69763	19.682	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5353	20.559	ug/l	87

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Instrument :
MSVOA_D
ClientSampleId :
VD0826SBSD01

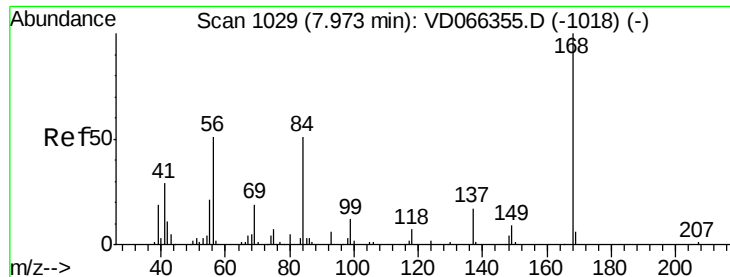
Manual Integrations
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8/27/2020 3:08:33 PM

Quant Time: Aug 27 07:52:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53820	19.450	ug/l	98
94) Hexachlorobutadiene	15.28	225	32743	19.041	ug/l	99
95) Naphthalene	15.41	128	81326	18.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	46328	19.544	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion:168 Resp: 191280

Ion Ratio Lower Upper

168 100

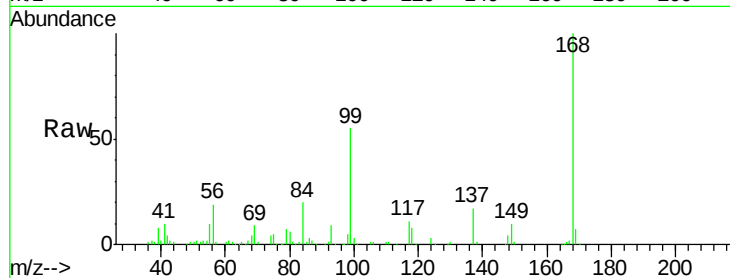
99 54.5 45.4 68.0

Manual Integrations

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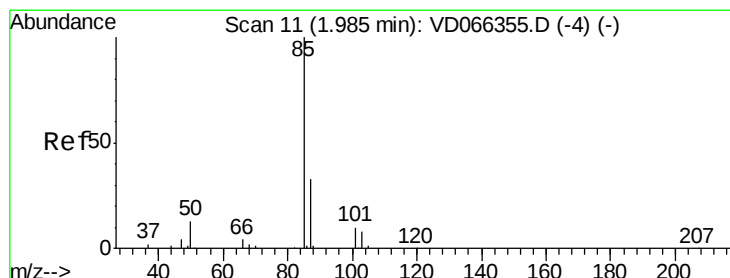
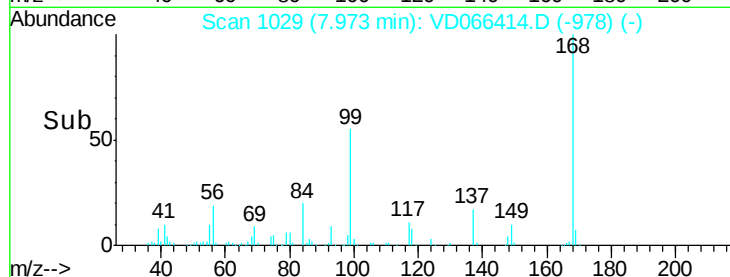
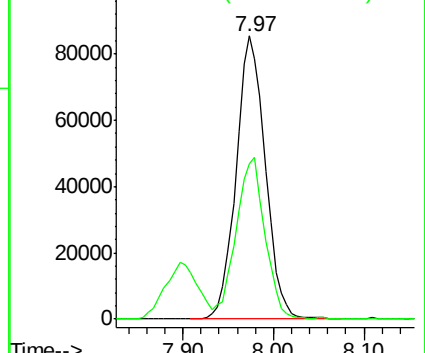
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.781 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066414.D

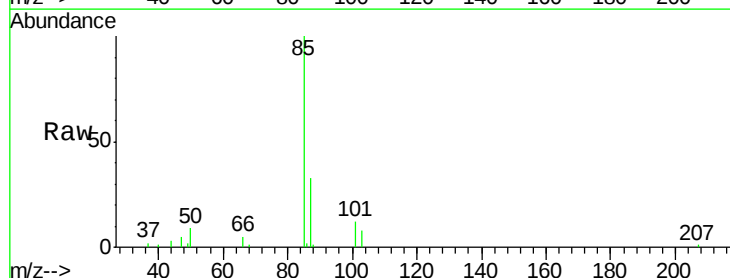
Acq: 26 Aug 2020 12:19

Tgt Ion: 85 Resp: 33794

Ion Ratio Lower Upper

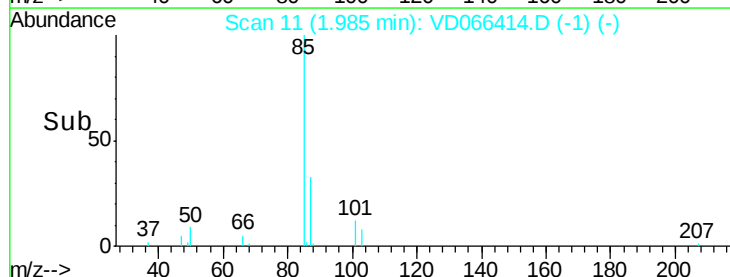
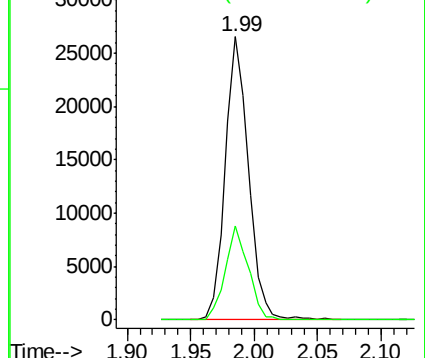
85 100

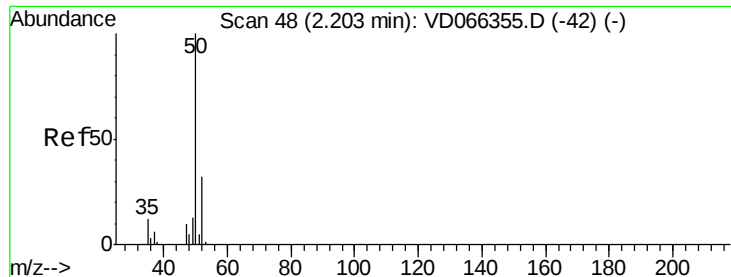
87 33.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.067 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tot Ion: 50 Resp: 20825

Ion Ratio Lower Upper

50 100

52 33.1 25.7 38.5

Instrument :

MSVOA_D

ClientSampleId :

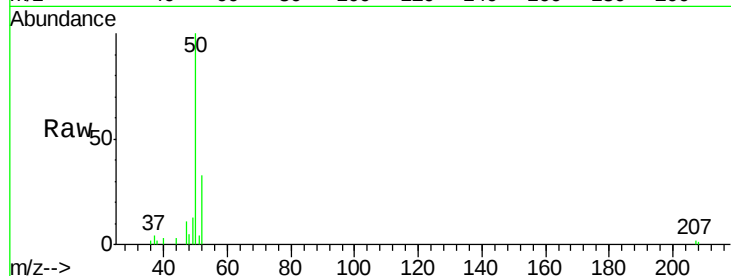
VD0826SBS01

Manual Integrations

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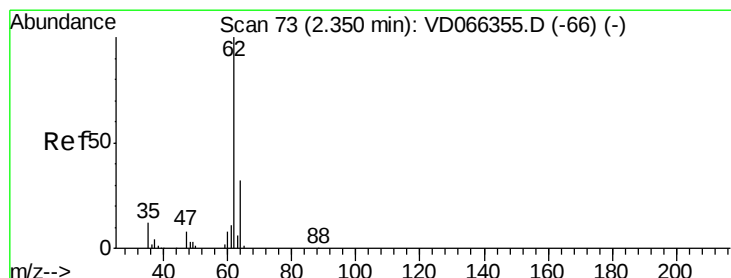
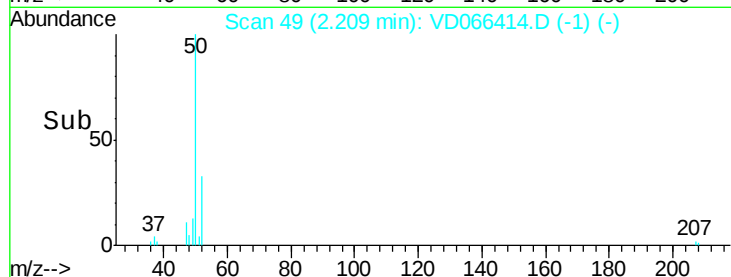
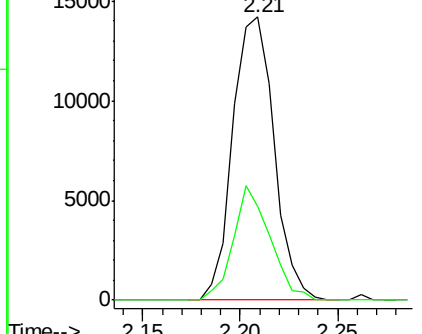
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.683 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066414.D

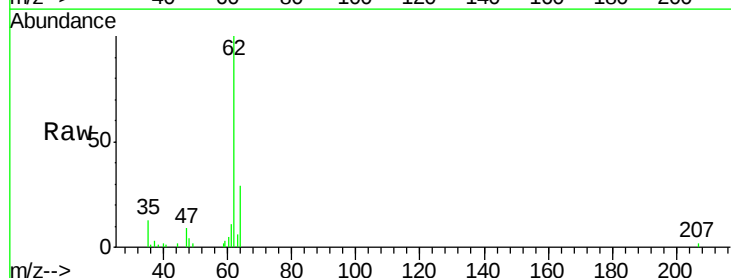
Acq: 26 Aug 2020 12:19

Tgt Ion: 62 Resp: 23122

Ion Ratio Lower Upper

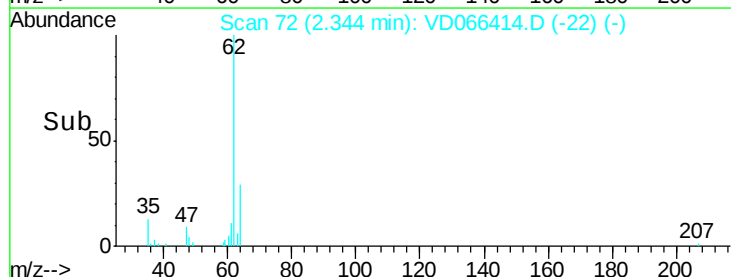
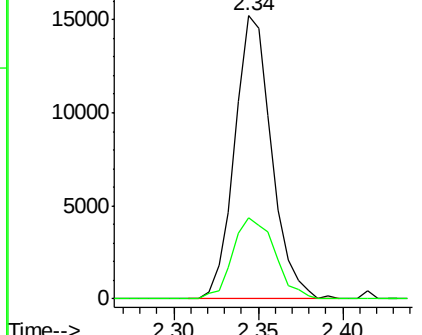
62 100

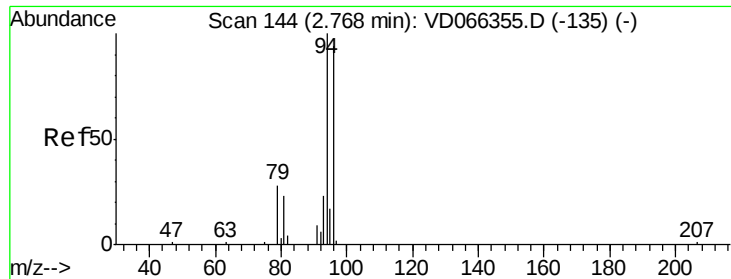
64 28.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.045 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 94 Resp: 19481

Ion Ratio Lower Upper

94 100

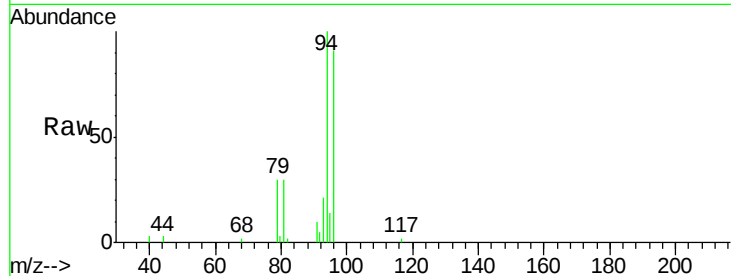
96 90.7 75.0 112.4

Manual Integrations

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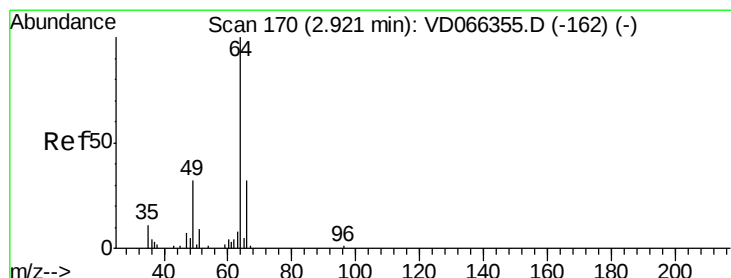
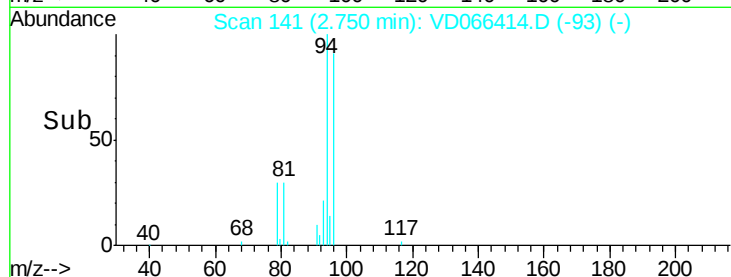
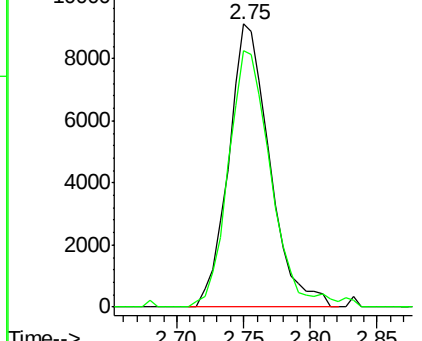
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.992 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066414.D

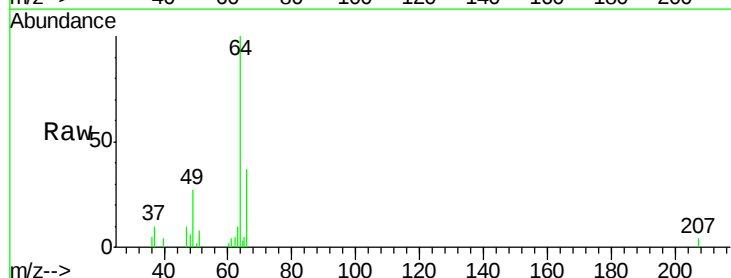
Acq: 26 Aug 2020 12:19

Tgt Ion: 64 Resp: 15051

Ion Ratio Lower Upper

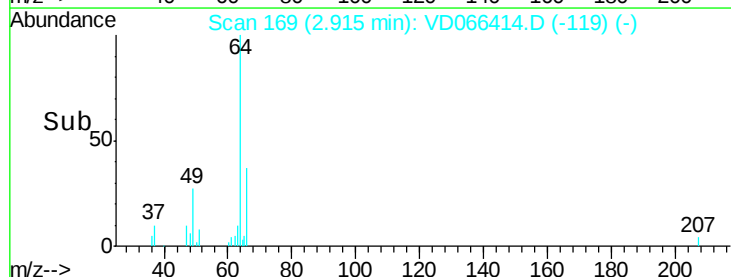
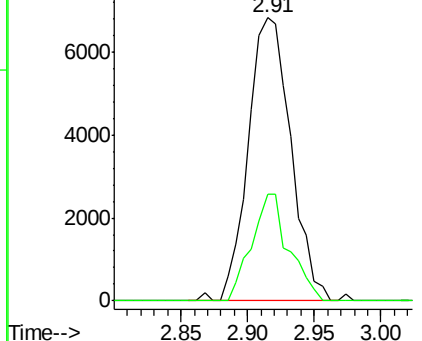
64 100

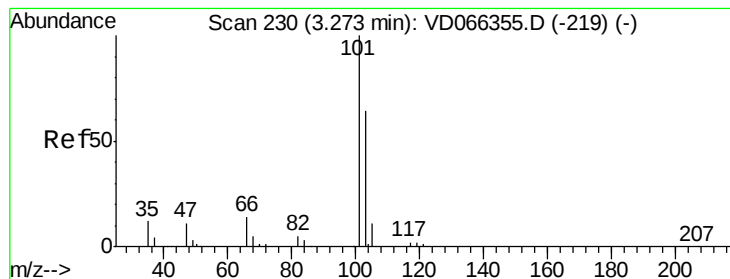
66 37.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





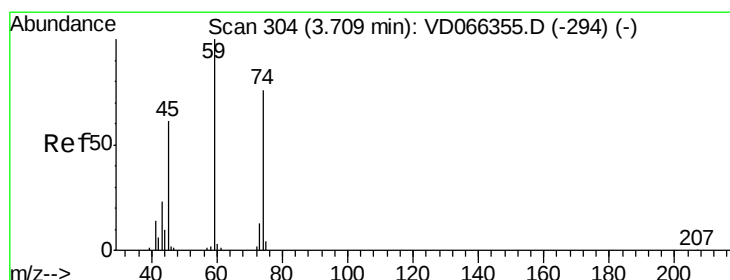
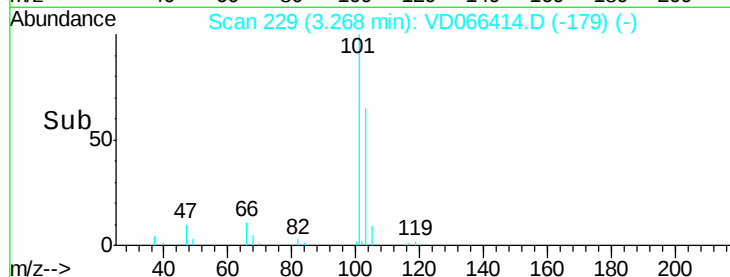
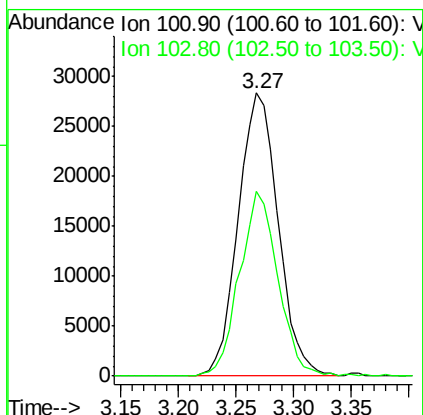
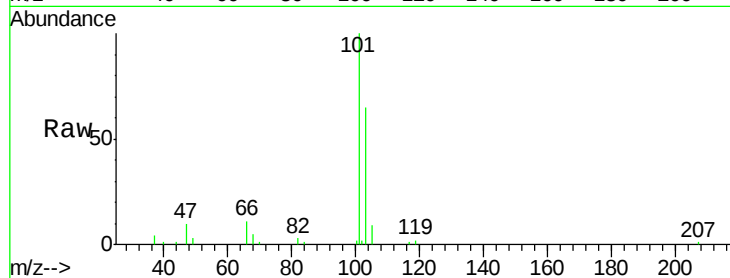
#7
 Trichlorofluoromethane
 Concen: 20.302 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	68323		
103	65.4	51.4	77.0	

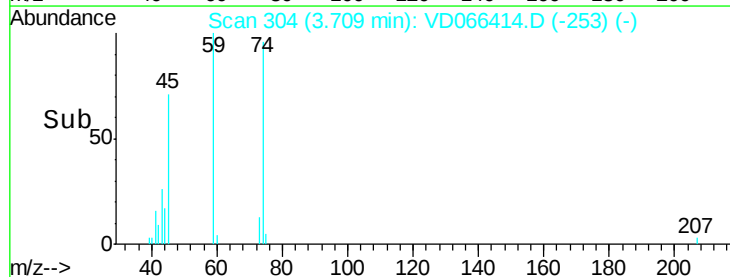
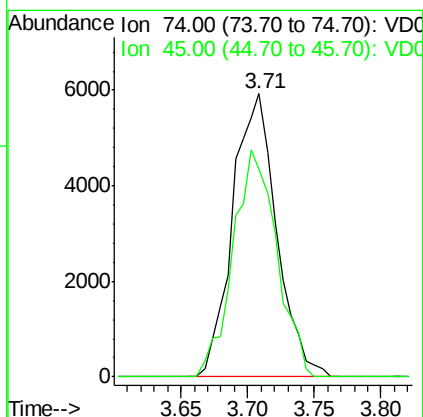
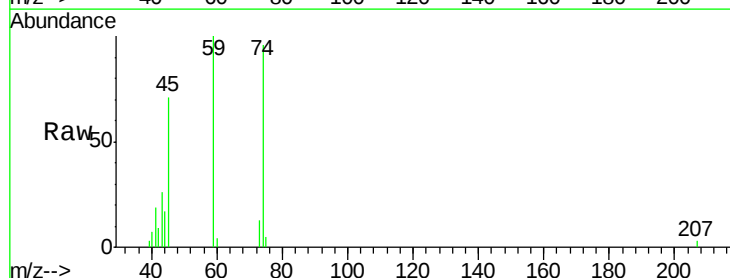
Manual Integrations
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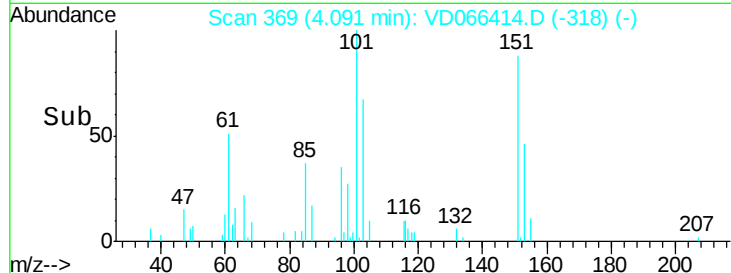
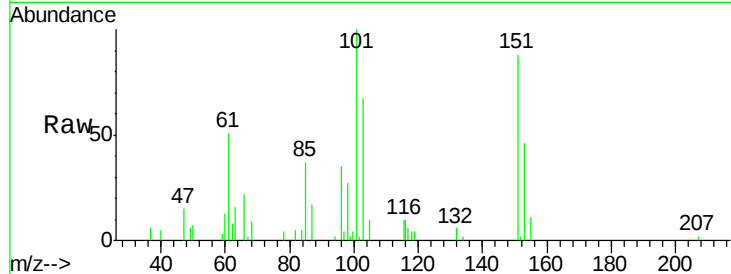
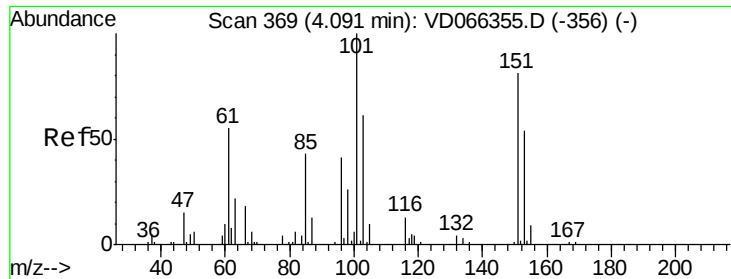
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#8
 Diethyl Ether
 Concen: 17.966 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	13547		
45	79.9	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.021 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066414.D

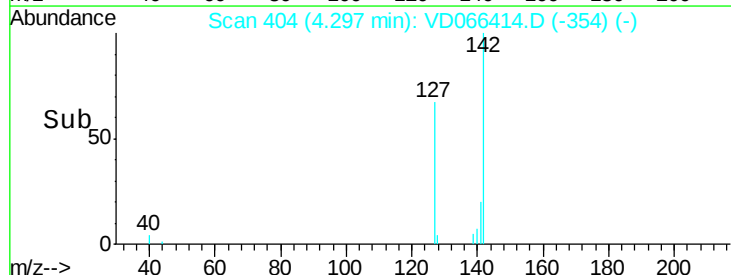
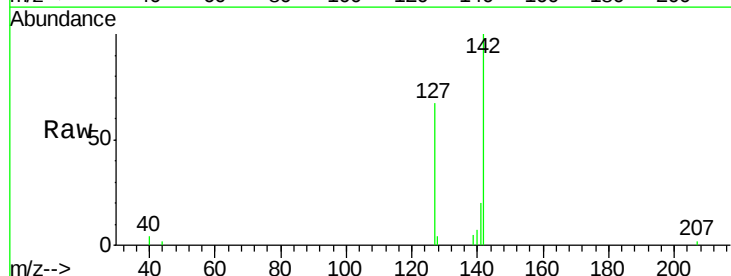
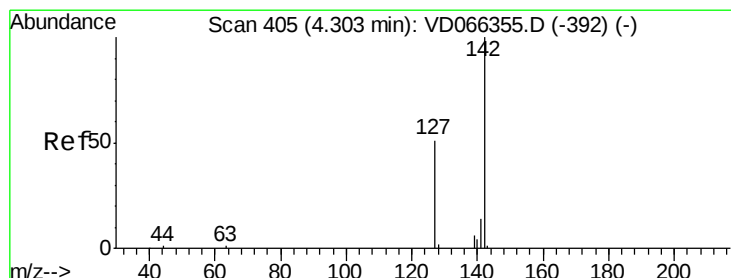
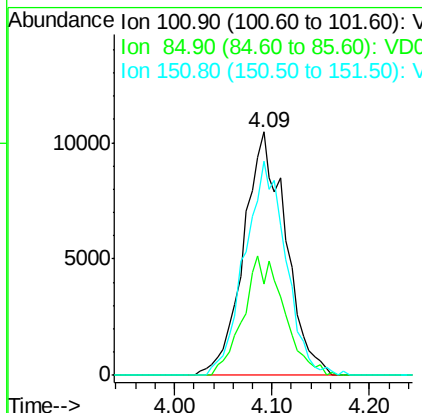
Acq: 26 Aug 2020 12:19

Tot Ion:	101	Resp:	31591
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.4	54.6
151	85.7	70.5	105.7

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Manual Integrations
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#10

Methyl Iodide

Concen: 13.839 ug/l

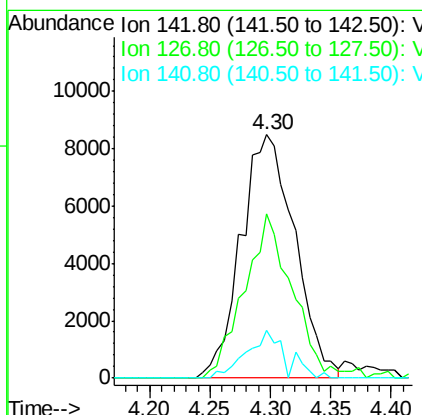
RT: 4.30 min Scan# 404

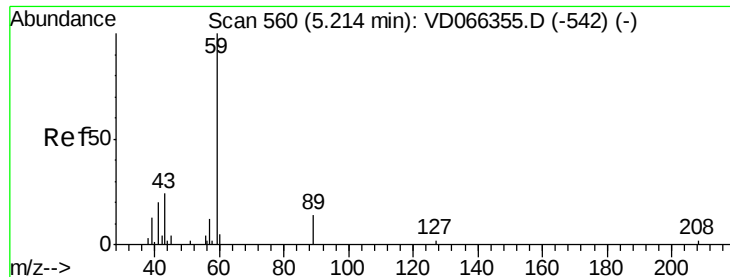
Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	142	Resp:	26215
Ion Ratio	Lower	Upper	
142	100		
127	60.7	41.8	62.8
141	11.8	11.8	17.6





#11

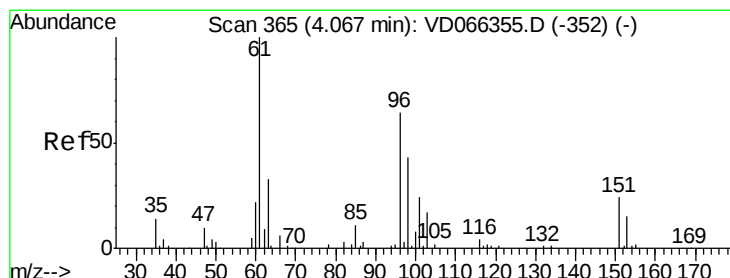
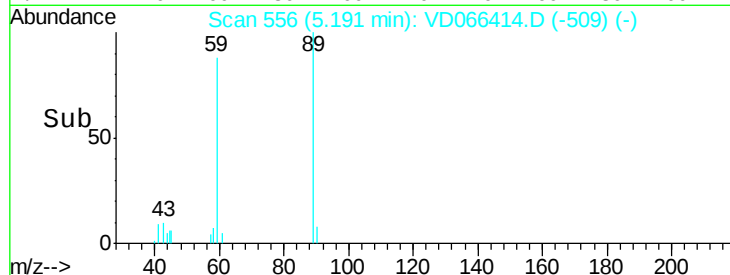
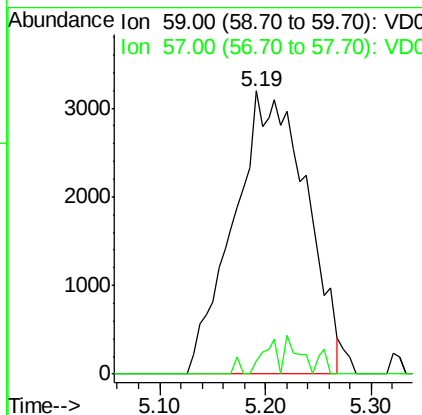
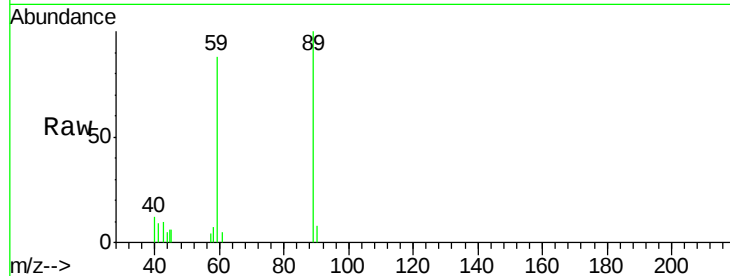
Tert butyl alcohol
 Concen: 117.158 ug/l m
 RT: 5.19 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	2.5	9.0	13.4#

Manual Integrations
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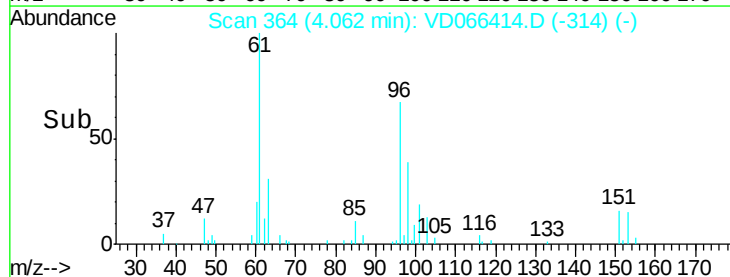
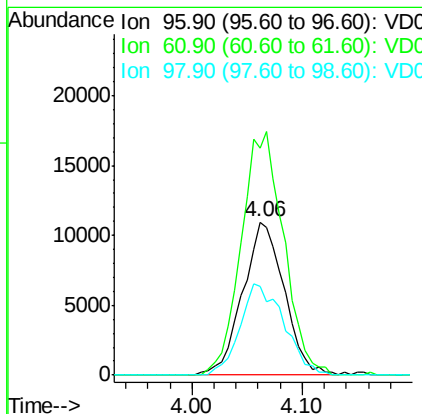
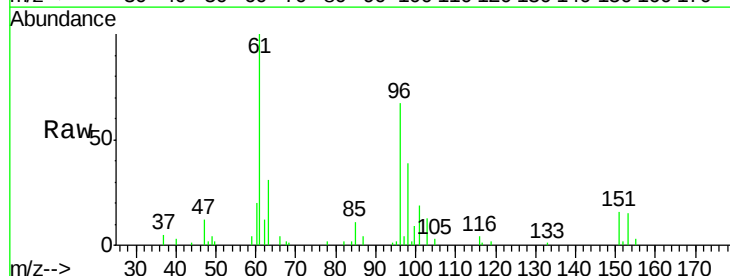
MMDadoda
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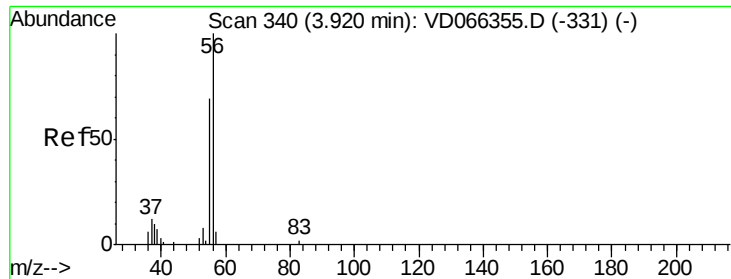


#12

1,1-Dichloroethene
 Concen: 18.524 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	124.3	186.5
98	58.2	53.2	79.8





#13

Acrolein

Concen: 80.456 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 56 Resp: 6700

Ion Ratio Lower Upper

56 100

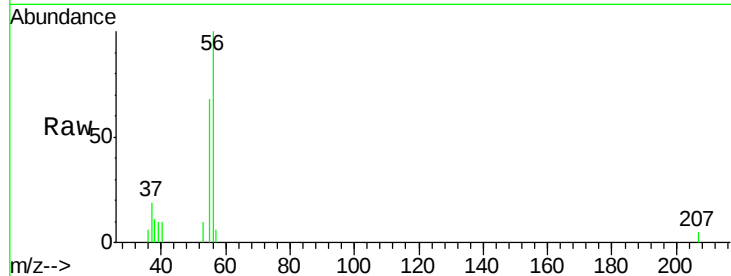
55 72.5 55.5 83.3

Manual Integrations

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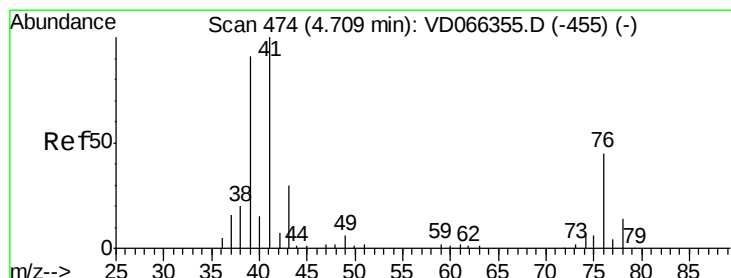
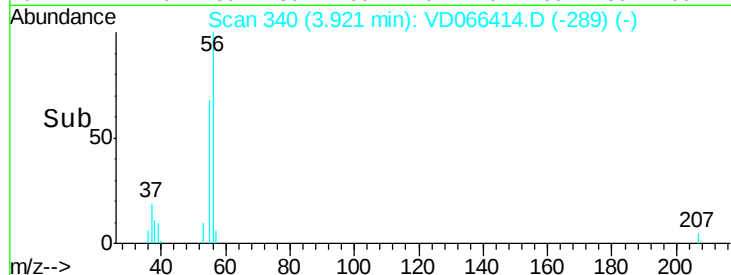
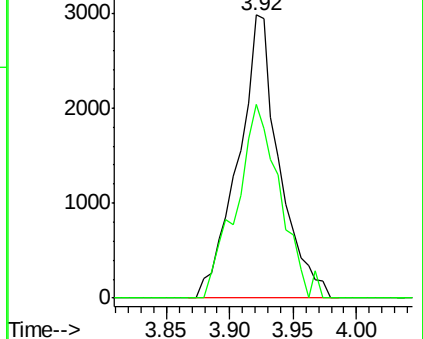
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 16.600 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

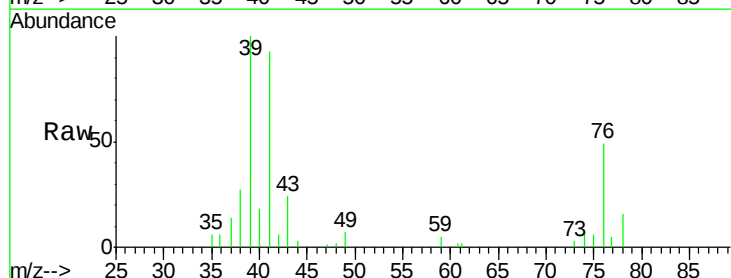
Tgt Ion: 41 Resp: 34543

Ion Ratio Lower Upper

41 100

39 104.8 72.8 109.2

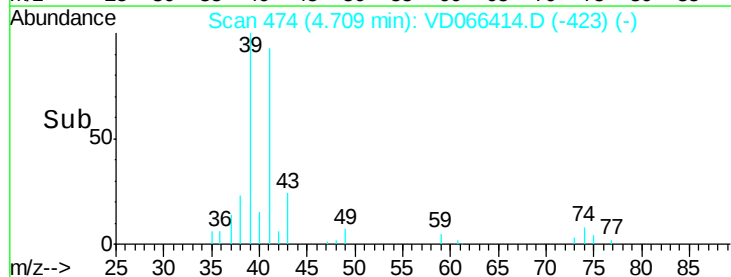
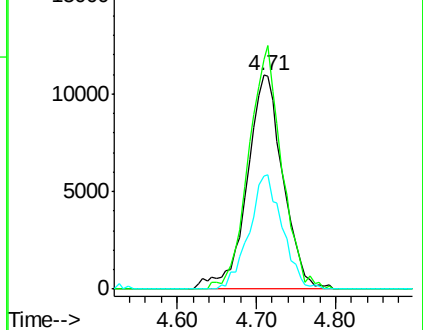
76 49.6 34.0 51.0

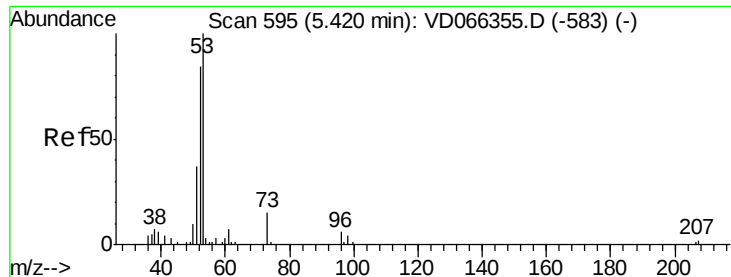


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 87.891 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

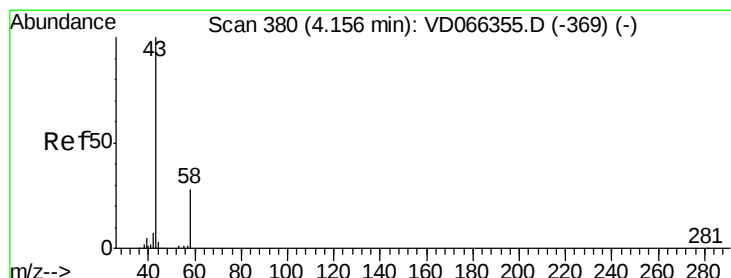
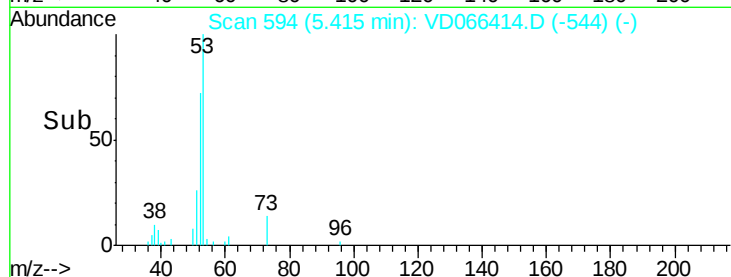
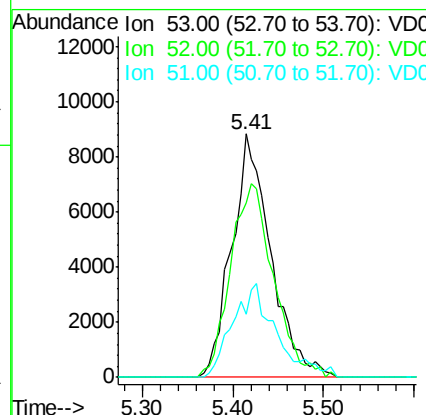
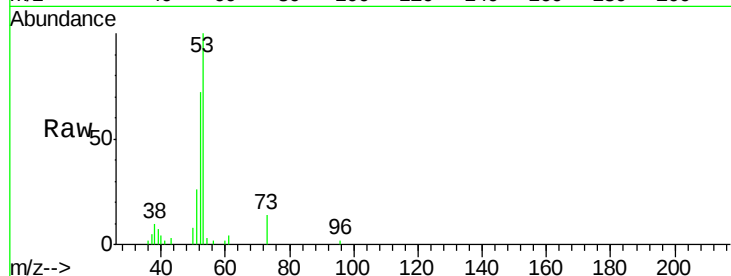
ClientSampleId :

VD0826SBS01

Tot Ion:	53	Resp:	26590
Ion	Ratio	Lower	Upper
53	100		
52	87.2	68.1	102.1
51	42.5	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 85.487 ug/l

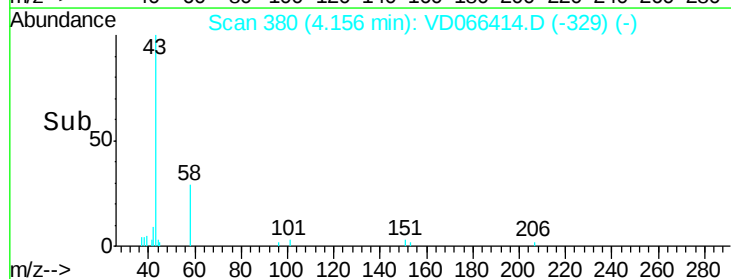
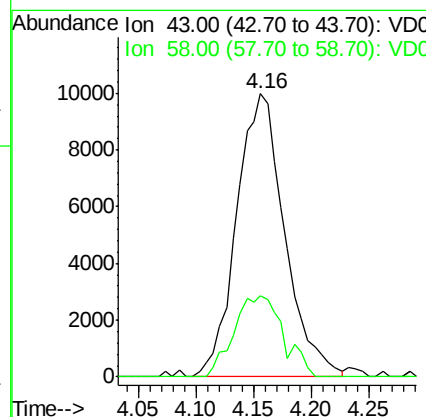
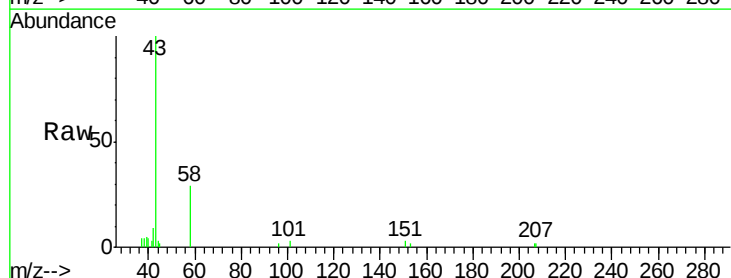
RT: 4.16 min Scan# 380

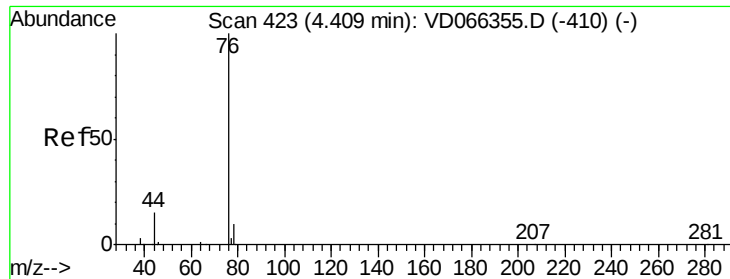
Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	43	Resp:	28902
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.7	34.1





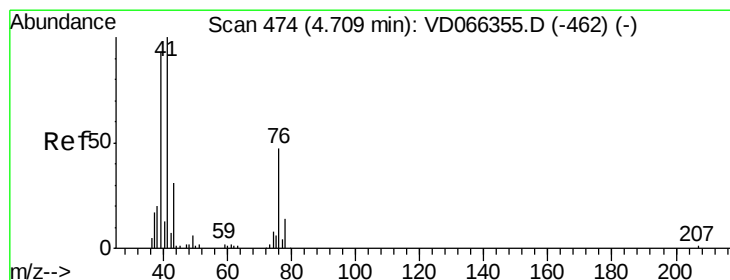
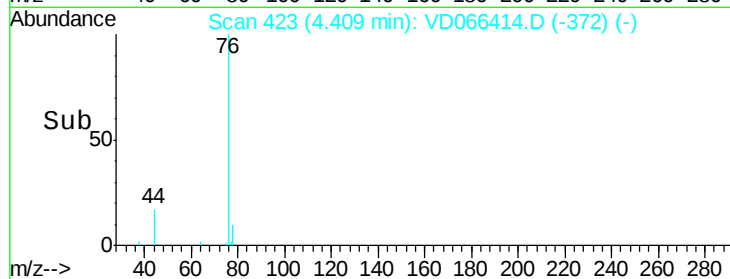
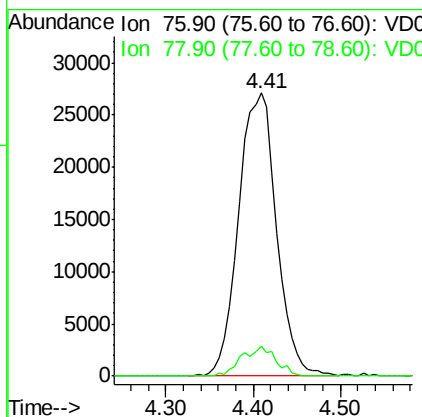
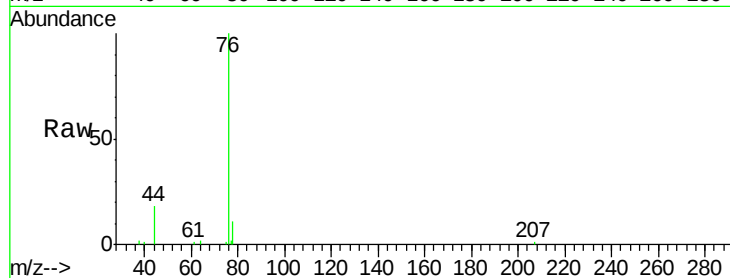
#17
Carbon Disulfide
Concen: 16.880 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	76	Resp	79753
Ion Ratio	Lower	Upper	
76	100		
78	10.8	7.7	11.5

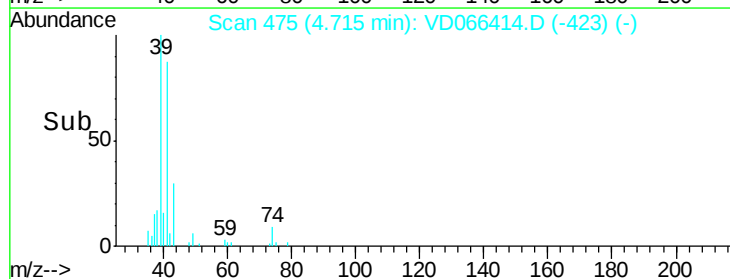
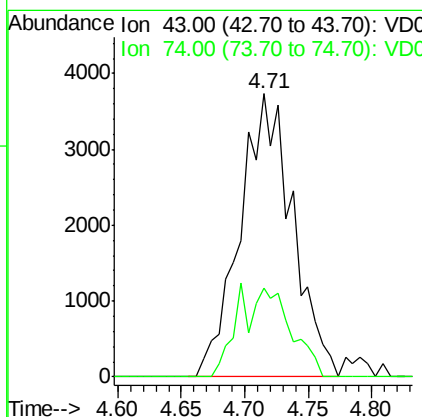
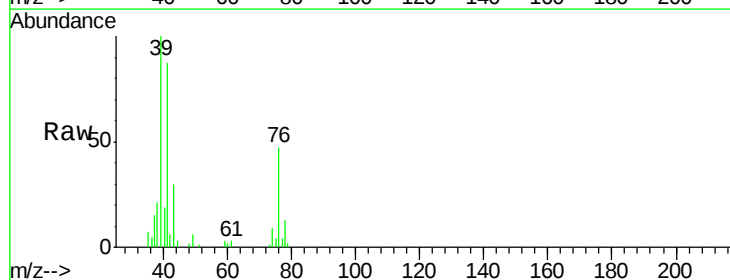
Manual Integrations
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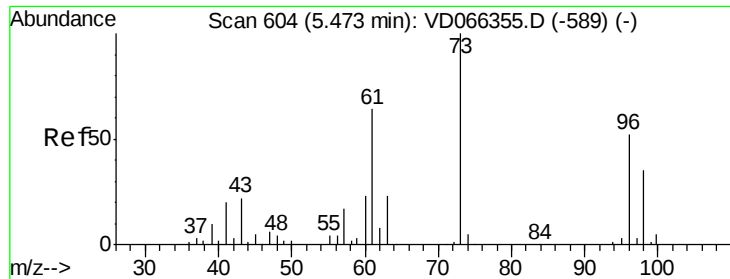
MMDadoda
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#18
Methyl Acetate
Concen: 16.997 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	43	Resp	10785
Ion Ratio	Lower	Upper	
43	100		
74	21.8	21.0	31.6





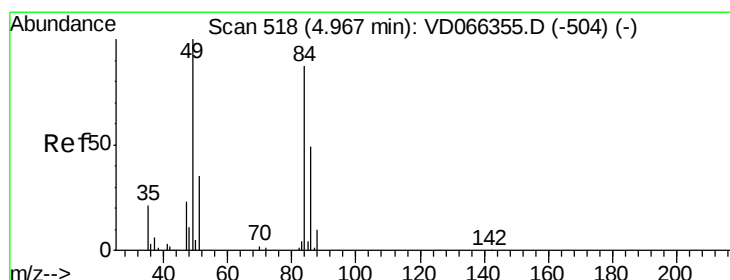
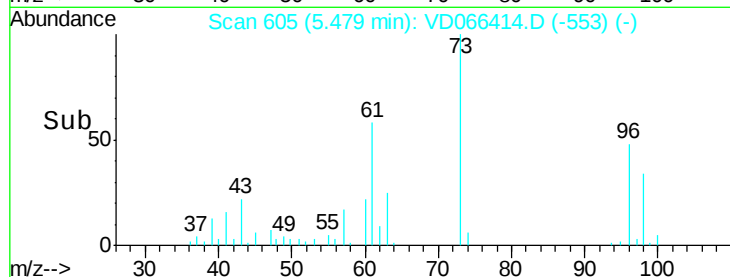
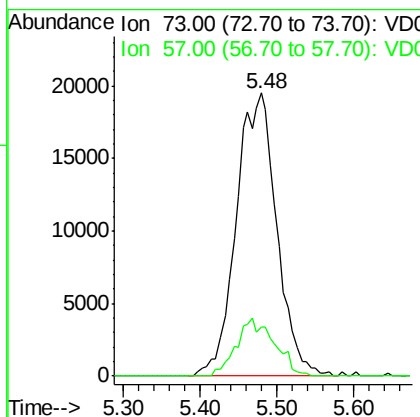
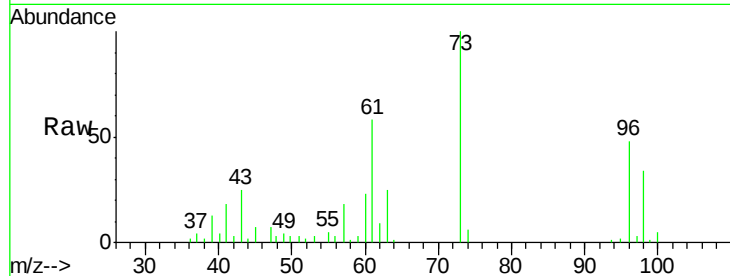
#19
Methvl tert-butvl Ether
Concen: 19.074 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion: 73 Resp: 71601
Ion Ratio Lower Upper
73 100
57 17.5 13.8 20.6

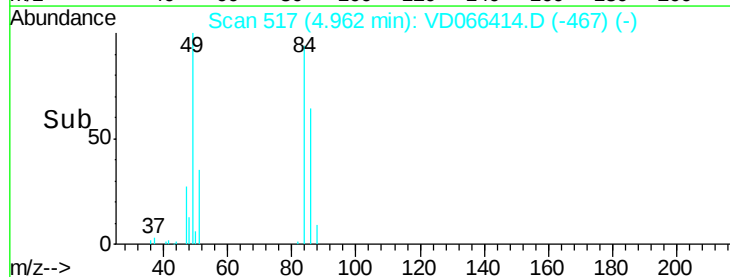
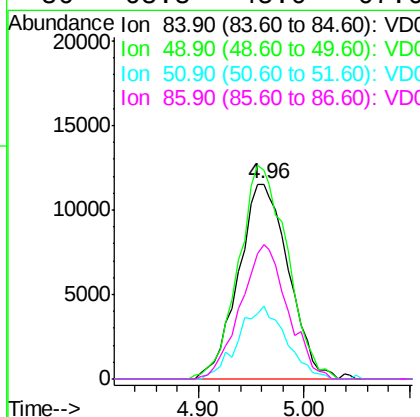
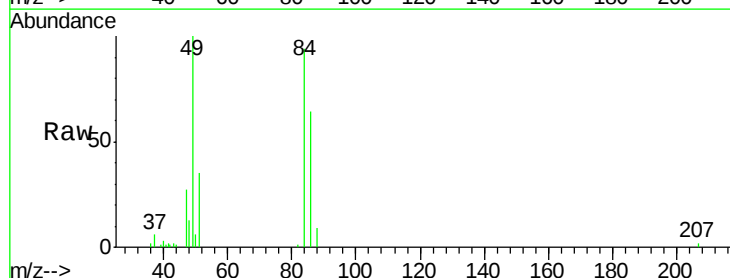
Manual Integrations
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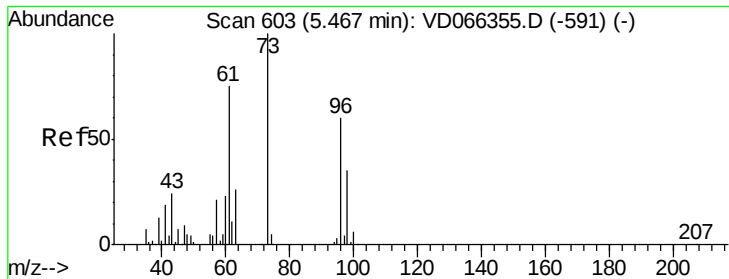
MMDadoda
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#20
Methylene Chloride
Concen: 16.775 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion: 84 Resp: 37909
Ion Ratio Lower Upper
84 100
49 106.9 92.5 138.7
51 37.6 32.5 48.7
86 68.8 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 17.435 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

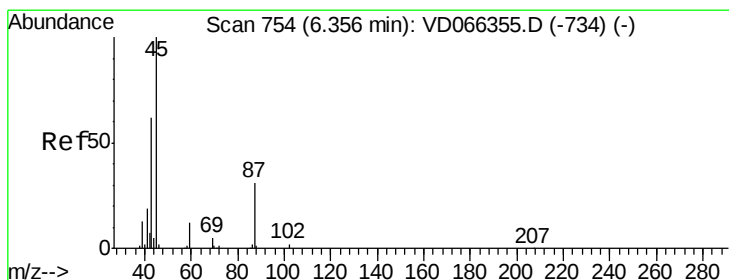
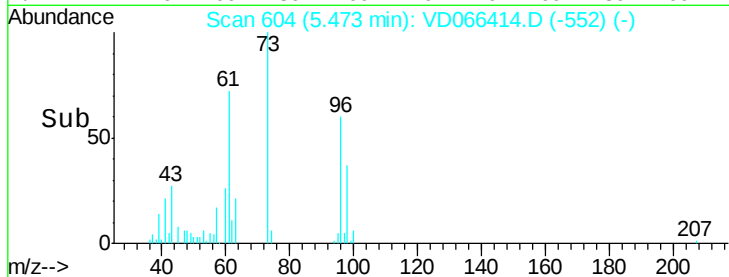
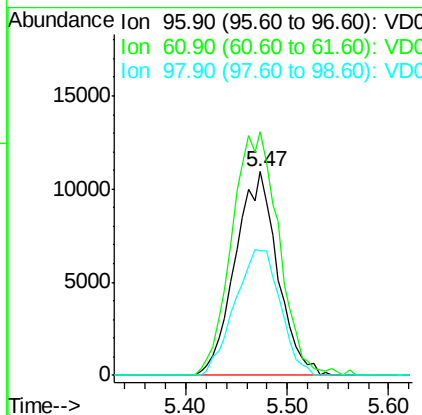
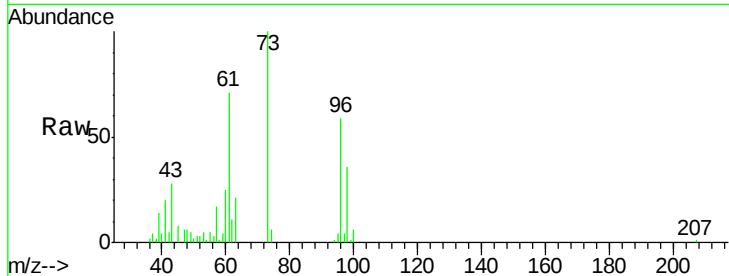
ClientSampleId :

VD0826SBS01

Tot Ion:	96	Resp:	31640
Ion	Ratio	Lower	Upper
96	100		
61	119.6	101.1	151.7
98	61.3	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.510 ug/l

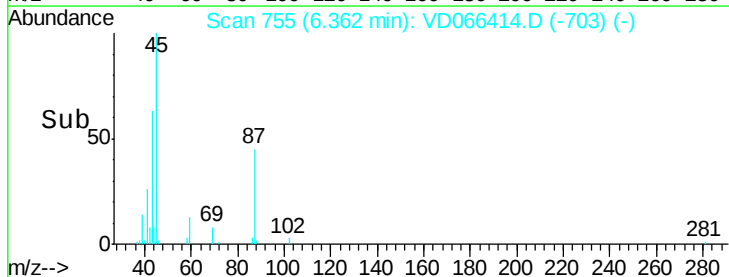
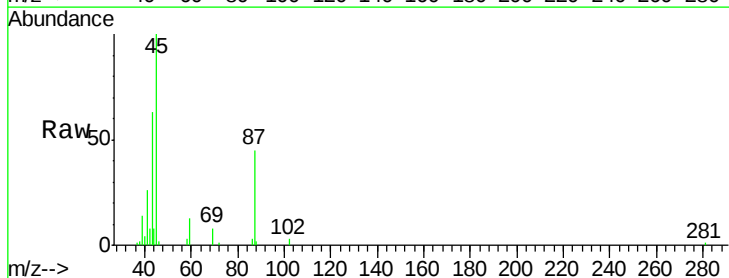
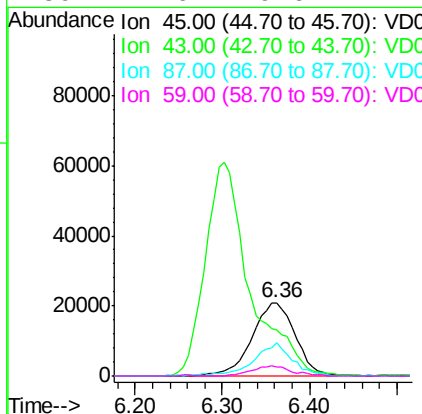
RT: 6.36 min Scan# 755

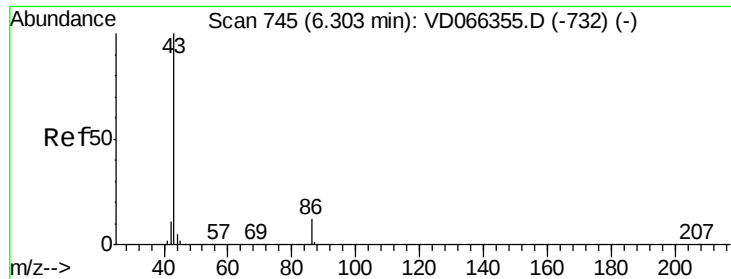
Delta R.T. 0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	45	Resp:	70544
Ion	Ratio	Lower	Upper
45	100		
43	60.8	49.8	74.8
87	44.9	25.0	37.6
59	12.6	9.6	14.4





#23

Vinyl Acetate

Concen: 86.570 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleID :

VD0826SBS01

Tot Ion: 43 Resp: 215912

Ion Ratio Lower Upper

43 100

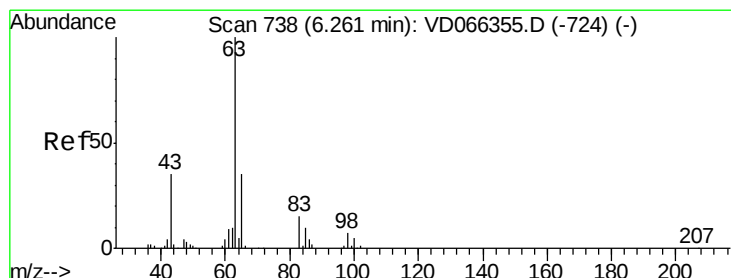
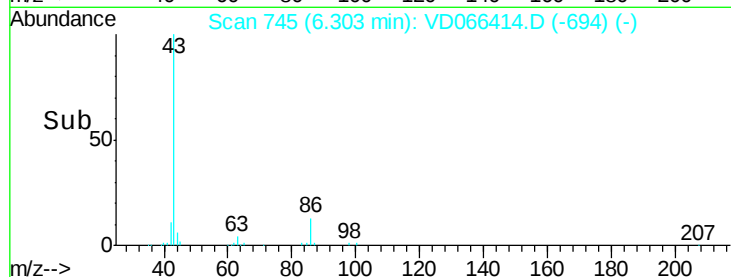
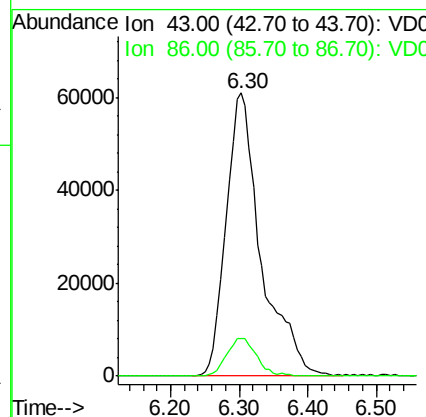
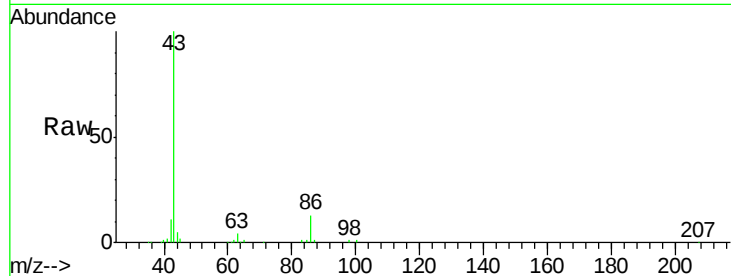
86 13.4 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.005 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

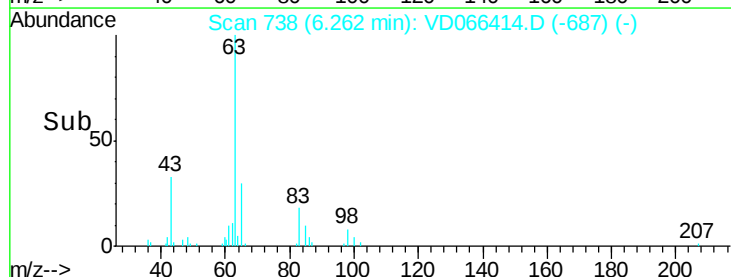
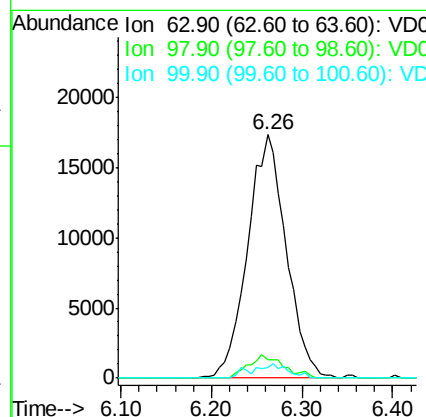
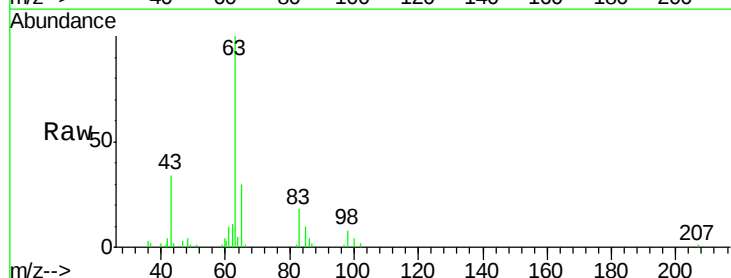
Tgt Ion: 63 Resp: 51262

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

100 4.3 2.5 7.6





#25

2-Butanone

Concen: 86.782 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 43 Resp: 33308

Ion Ratio Lower Upper

43 100

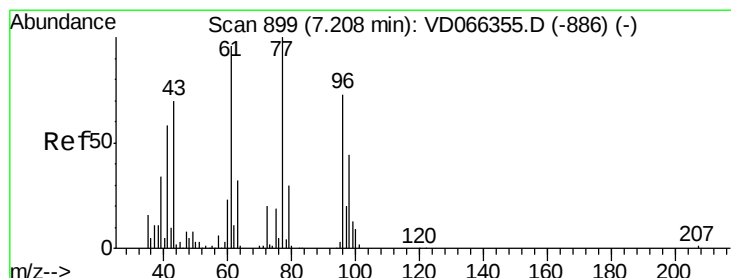
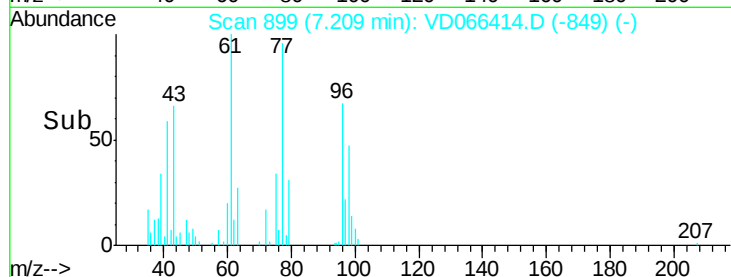
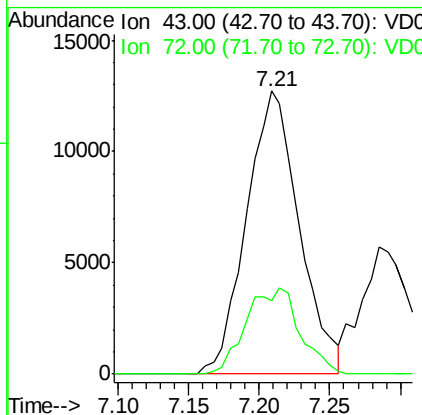
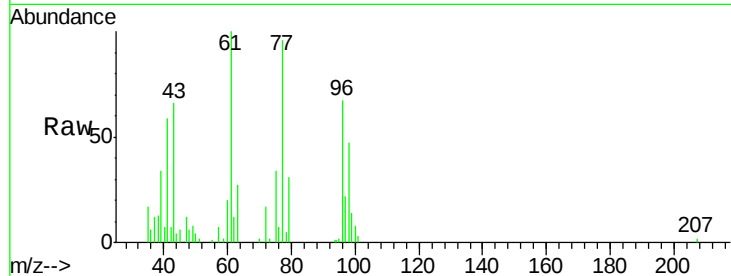
72 25.9 22.5 33.7

Manual Integrations

APPROVED

MMDadoda

8/27/2020 3:08:33 PM



#26

2,2-Dichloropropane

Concen: 18.853 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066414.D

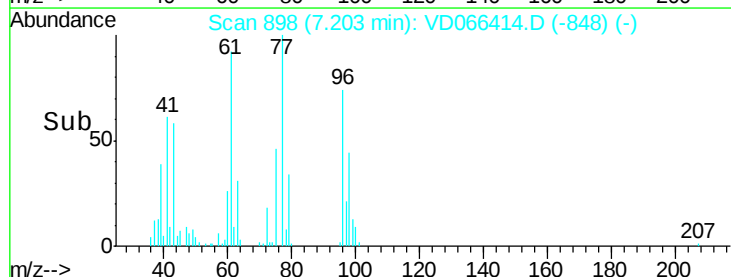
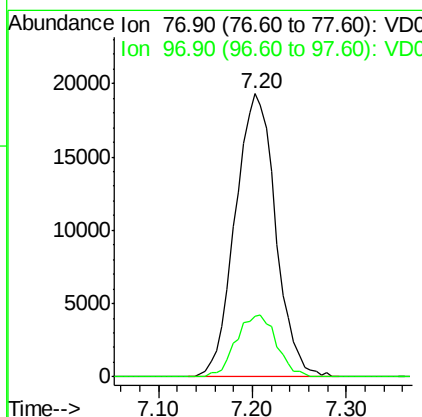
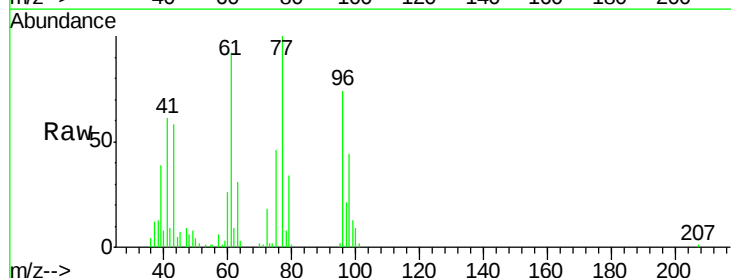
Acq: 26 Aug 2020 12:19

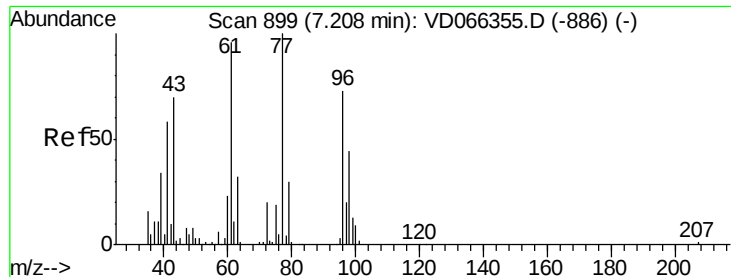
Tgt Ion: 77 Resp: 57528

Ion Ratio Lower Upper

77 100

97 21.8 10.7 31.9





#27

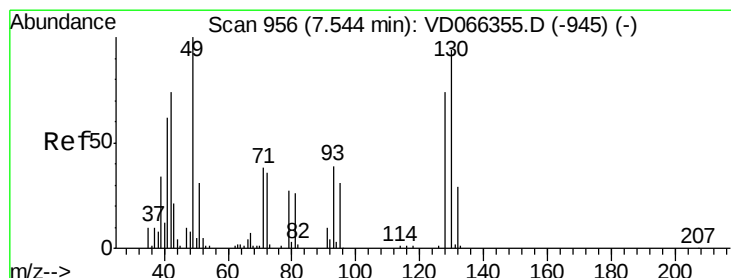
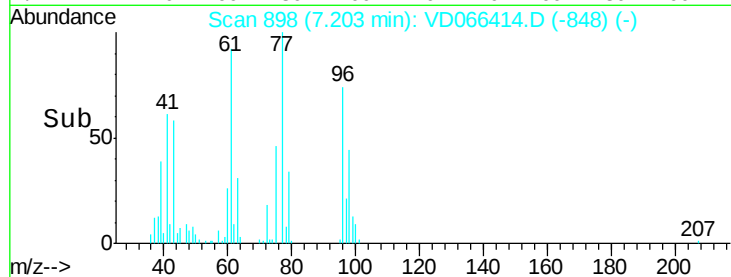
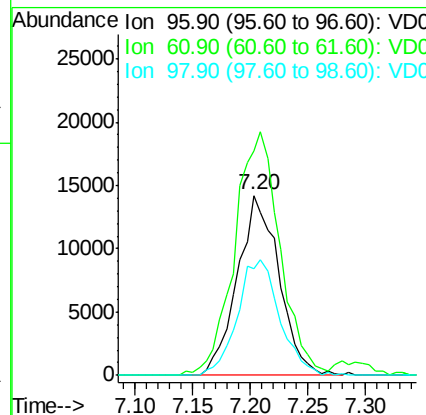
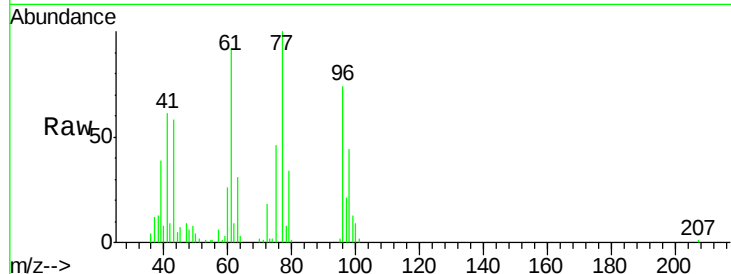
cis-1,2-Dichloroethene
 Concen: 18.380 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		35741		
61	146.0	0.0	281.4		
98	64.8	0.0	132.2		

Manual Integrations
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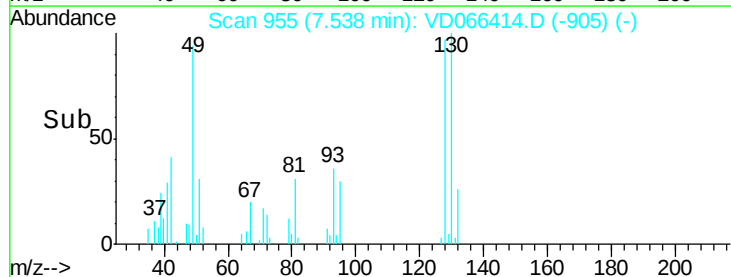
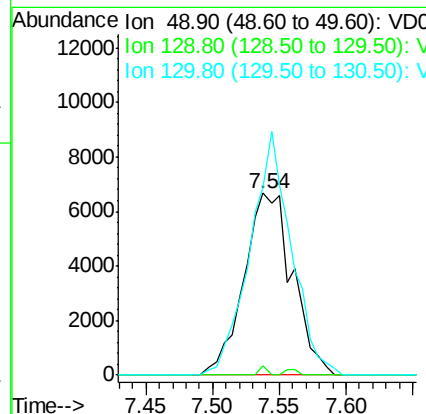
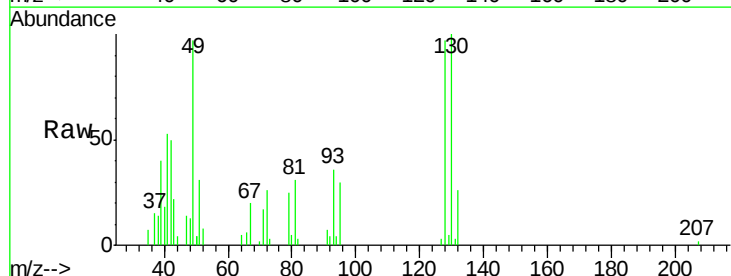
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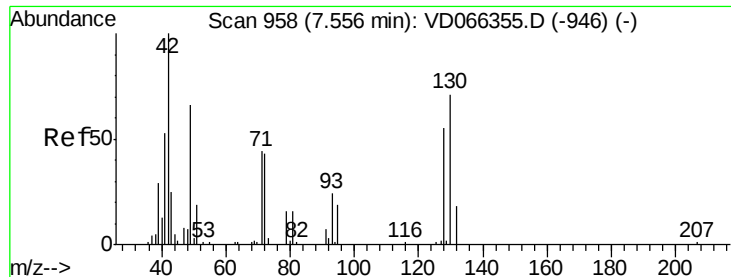


#28

Bromochloromethane
 Concen: 17.115 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		16785		
129	0.7	0.0	3.0		
130	114.1	82.6	124.0		





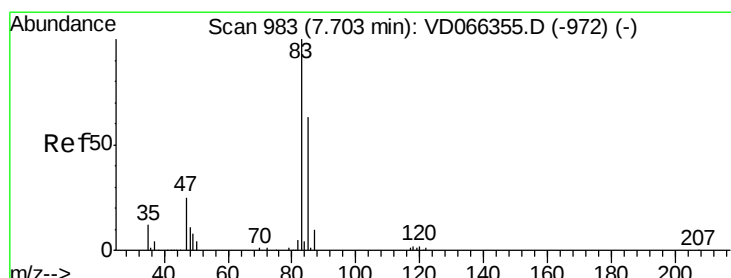
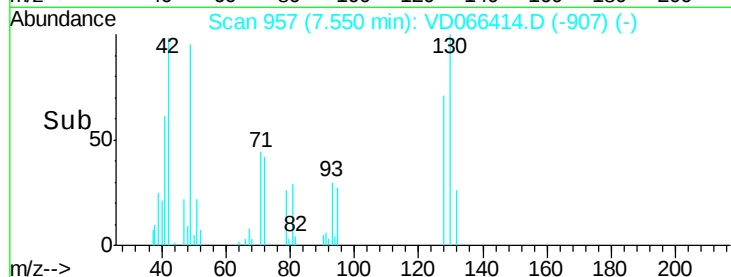
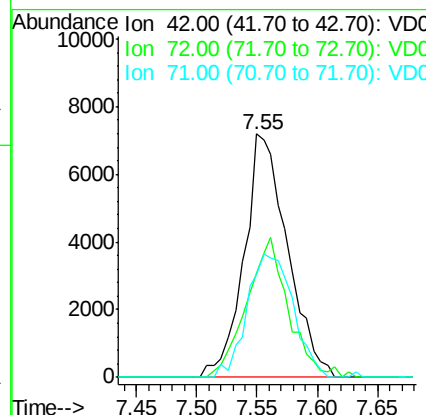
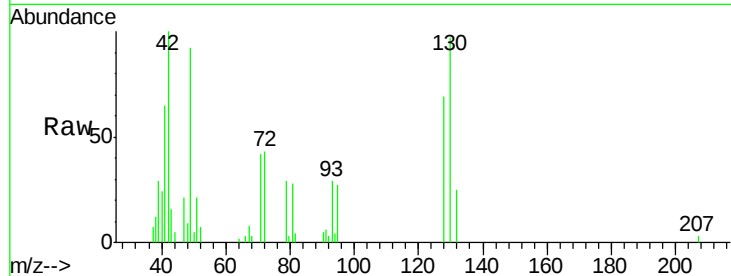
#29
Tetrahydrofuran
Concen: 82.339 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.3	41.0	61.4
71	53.5	37.2	55.8

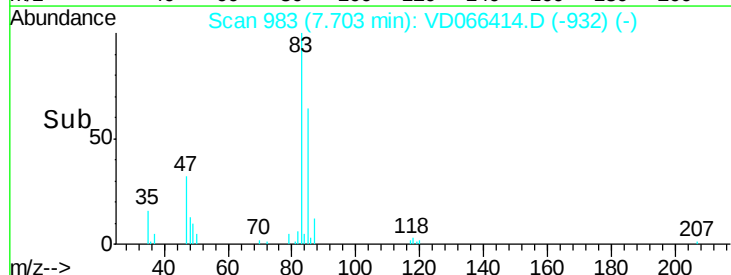
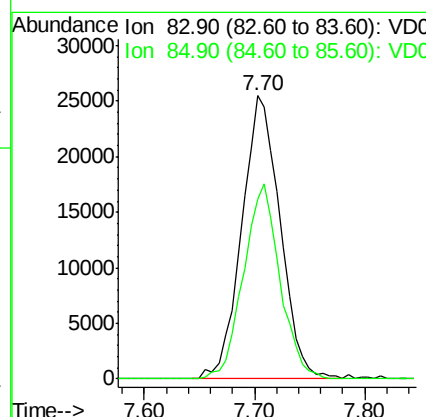
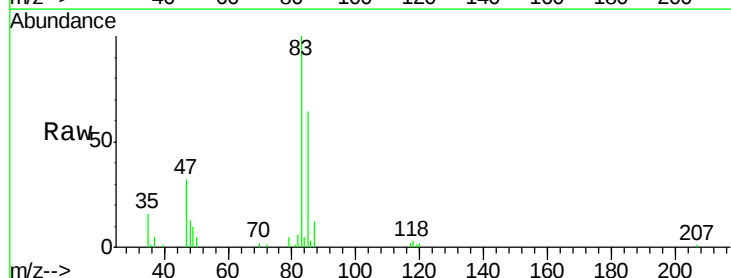
Manual Integrations
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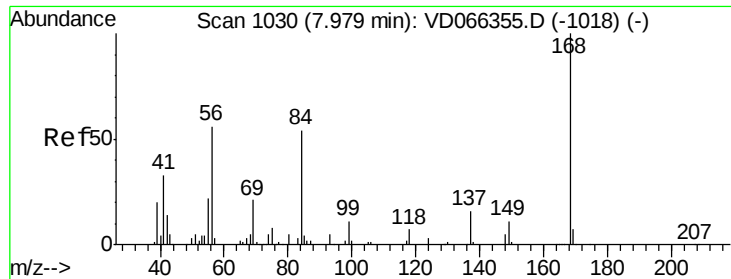
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#30
Chloroform
Concen: 18.886 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.3	75.5





#31

Cyclohexane

Concen: 16.857 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

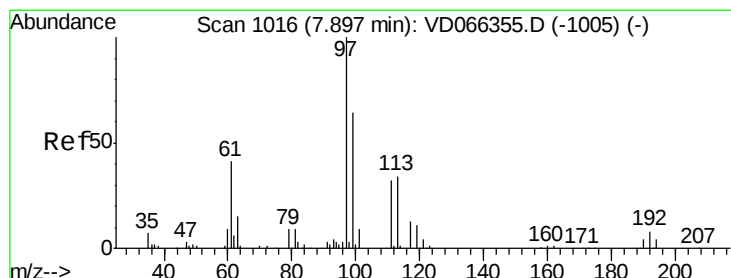
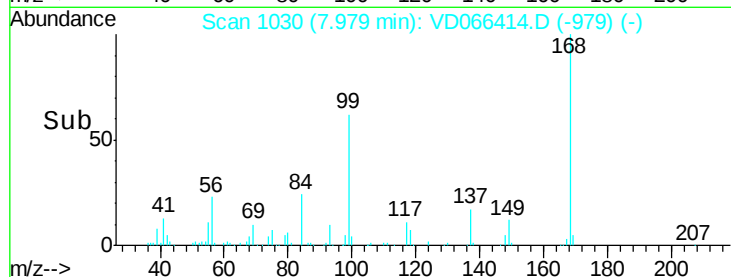
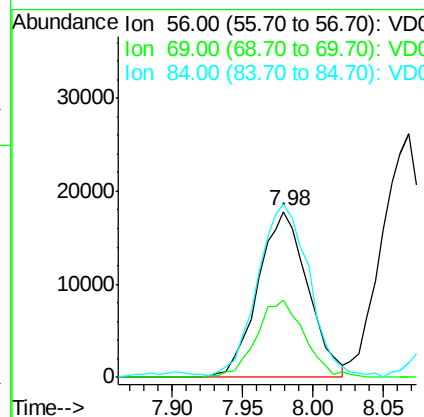
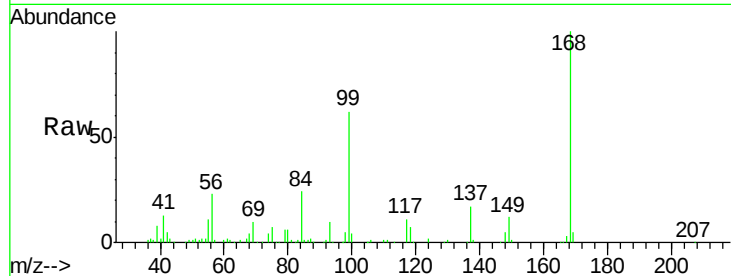
ClientSampleId :

VD0826SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	46.2	29.6	44.4#	
84	102.1	76.6	115.0	

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#32

1,1,1-Trichloroethane

Concen: 20.308 ug/l

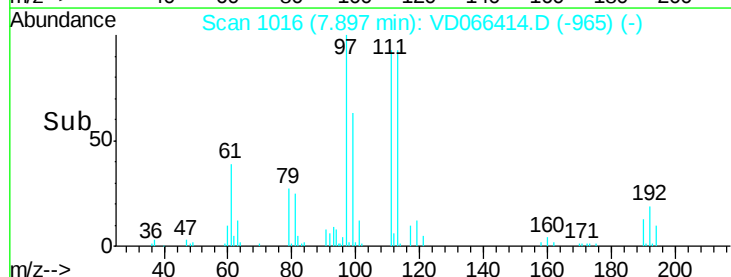
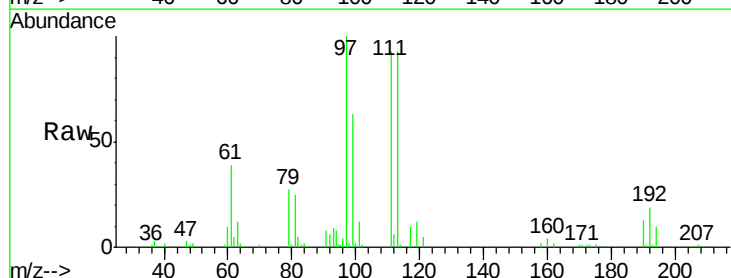
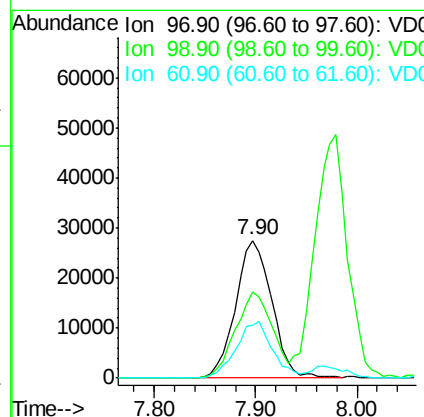
RT: 7.90 min Scan# 1016

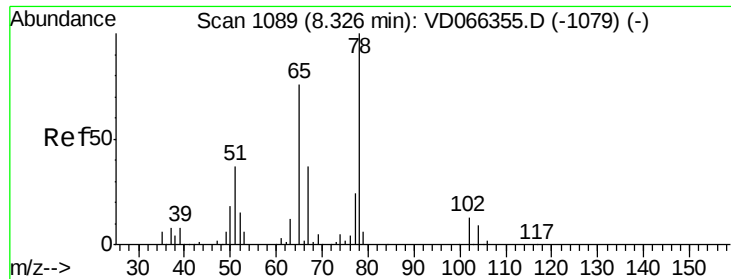
Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.7	51.5	77.3	
61	40.9	33.3	49.9	





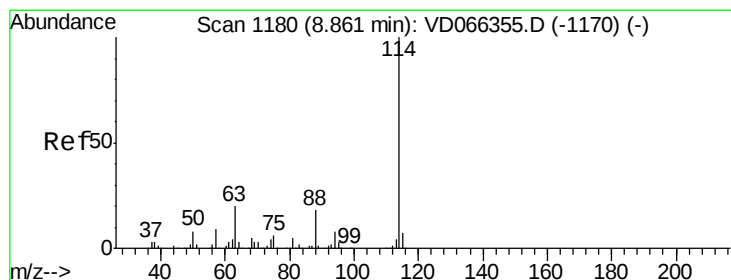
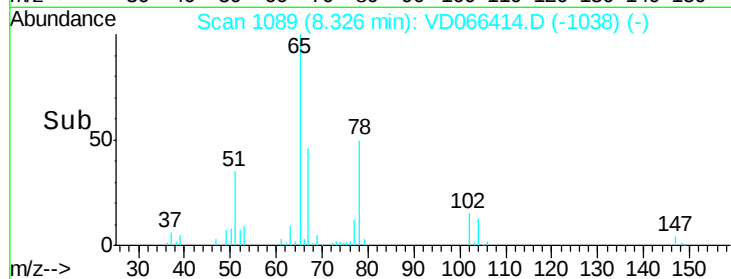
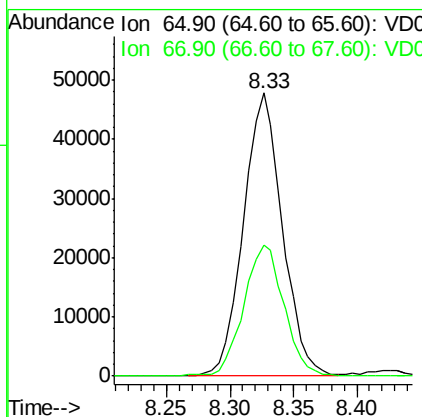
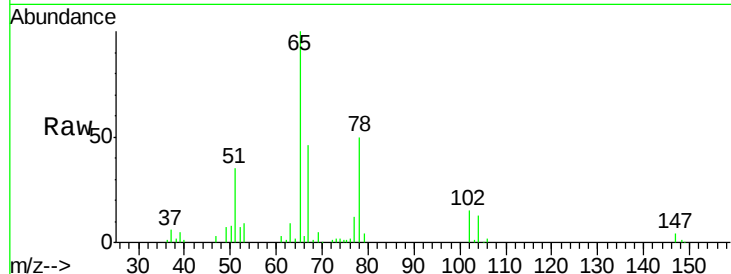
#33
 1,2-Dichloroethane-d4
 Concen: 54.491 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	102187		
67	47.9	0.0	101.6	

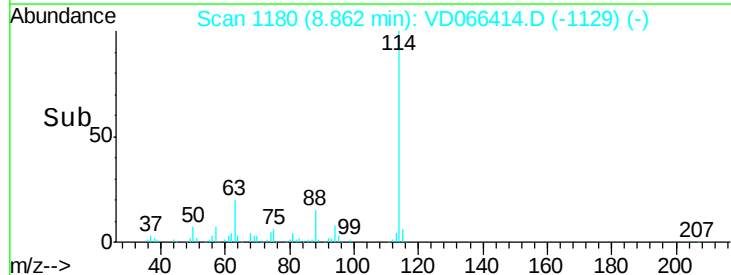
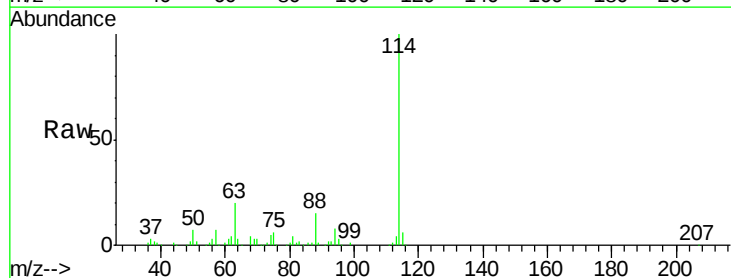
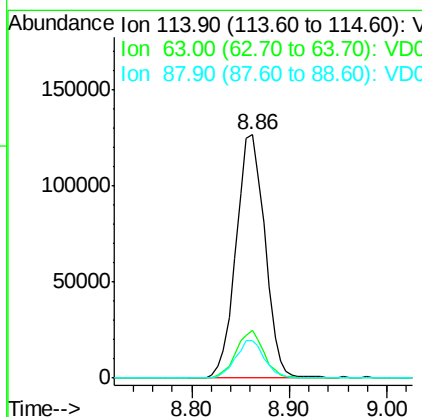
Manual Integrations
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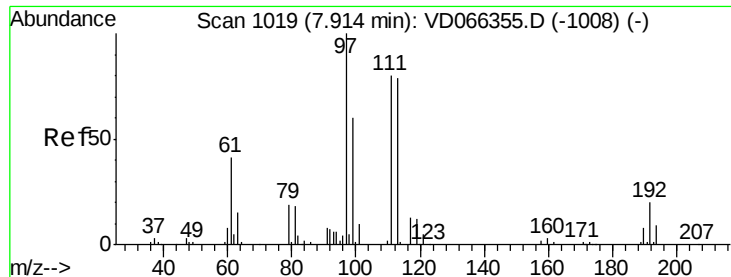
MMDadoda
 8/27/2020 3:08:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	261238		
63	19.6	0.0	40.8	
88	15.3	0.0	35.4	





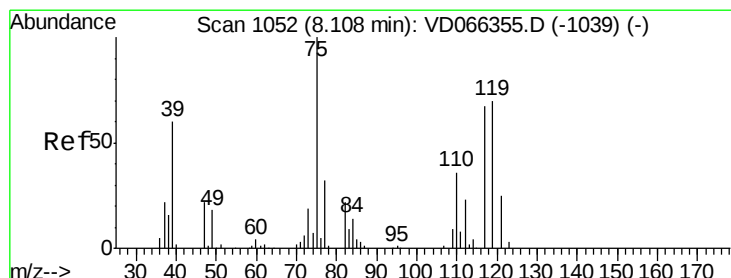
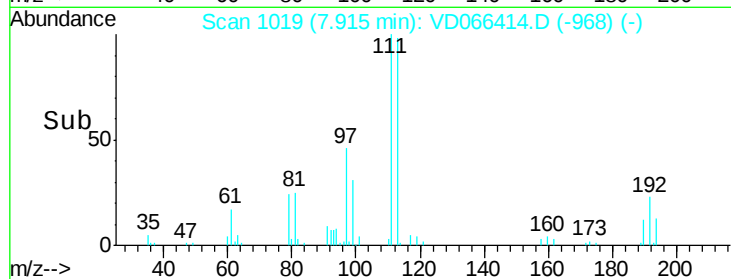
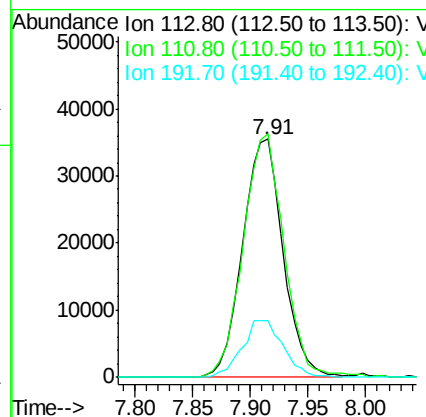
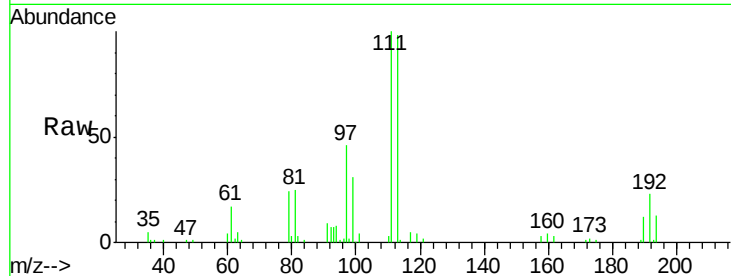
#35
 Dibromofluoromethane
 Concen: 53.045 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	86652		
111	103.4	80.3	120.5	
192	24.0	19.0	28.6	

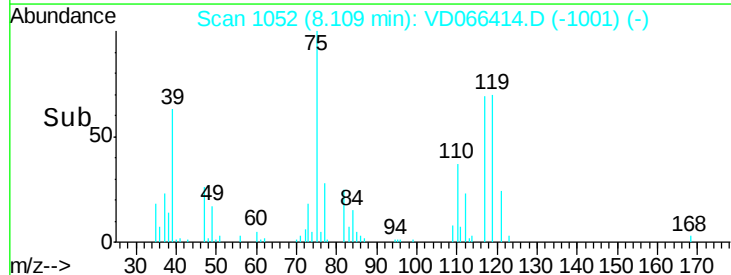
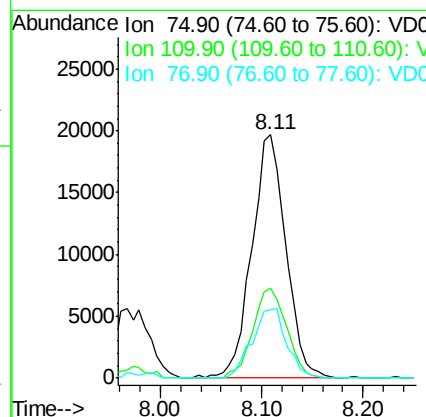
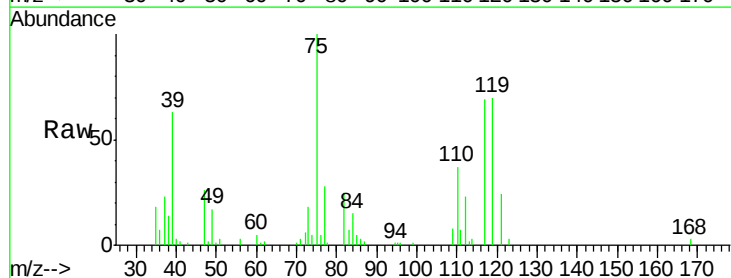
Manual Integrations
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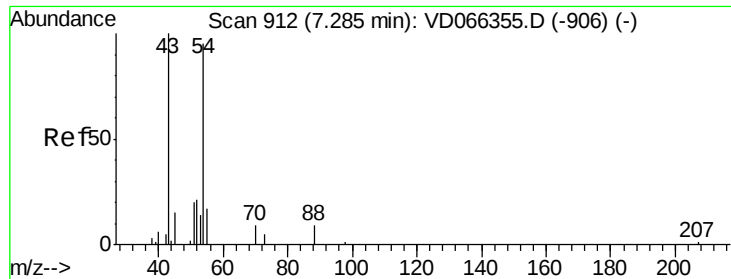
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#36
 1,1-Dichloropropene
 Concen: 19.264 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45917		
110	36.8	18.7	56.1	
77	29.1	25.2	37.8	





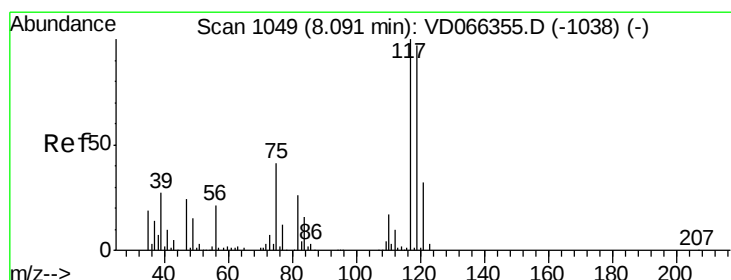
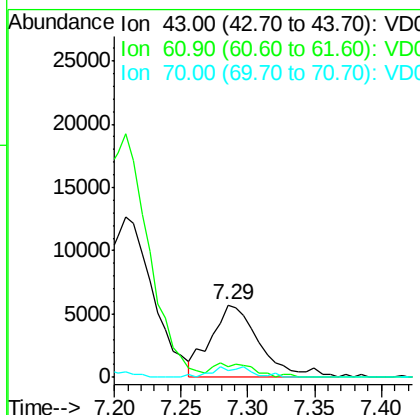
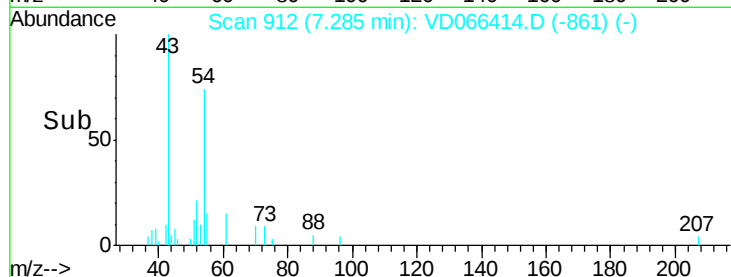
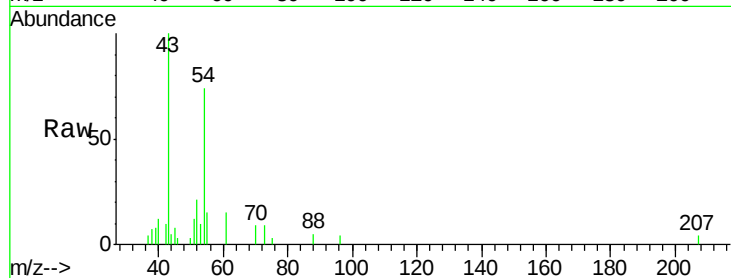
#37
Ethyl Acetate
Concen: 17.915 ug/l
RT: 7.29 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.3	19.9
70	11.6	3.5	5.3#

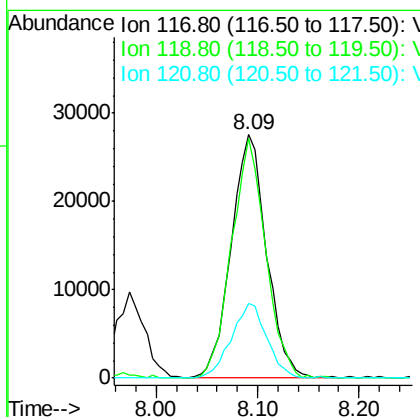
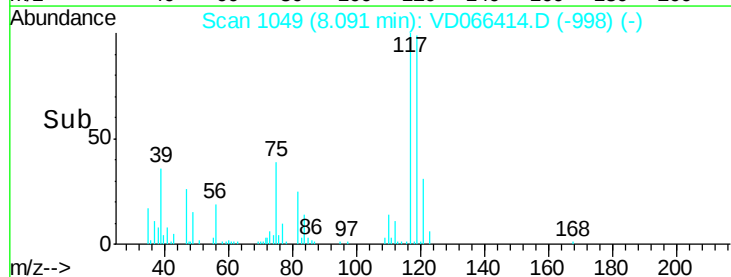
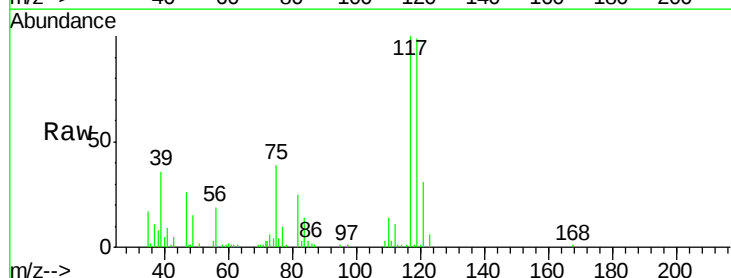
Manual Integrations
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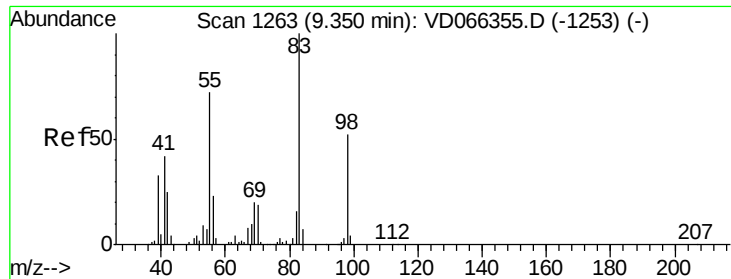
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#38
Carbon Tetrachloride
Concen: 21.493 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.2	115.8
121	30.9	25.8	38.8





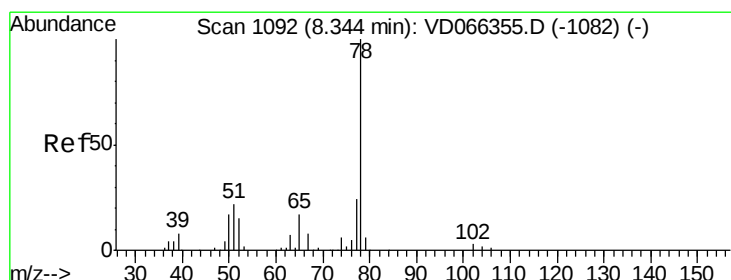
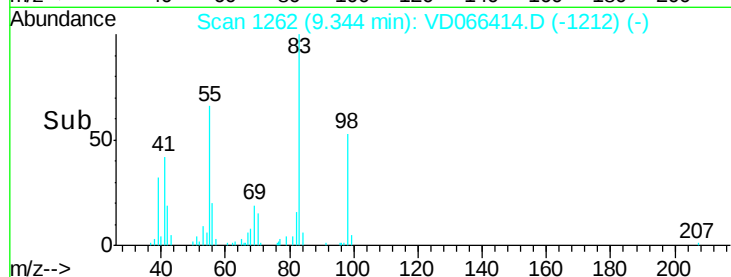
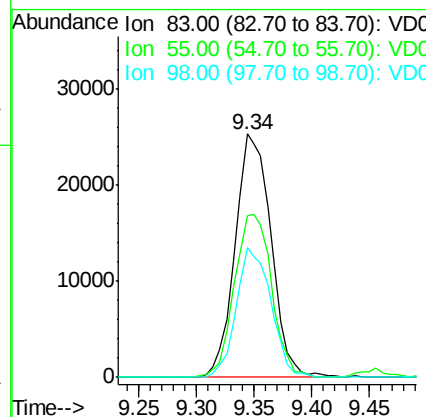
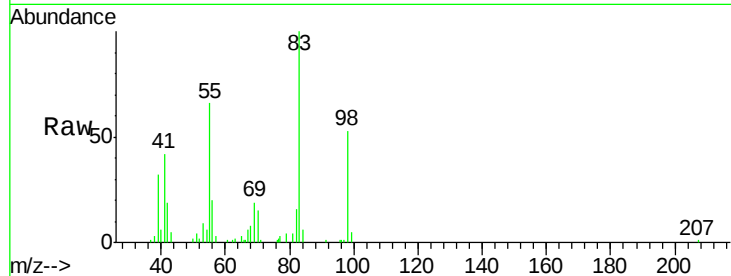
#39
Methvlcvclohexane
Concen: 19.462 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	83	Resp	54646
Ion Ratio	Lower	Upper	
83	100		
55	66.3	58.0	87.0
98	53.0	41.9	62.9

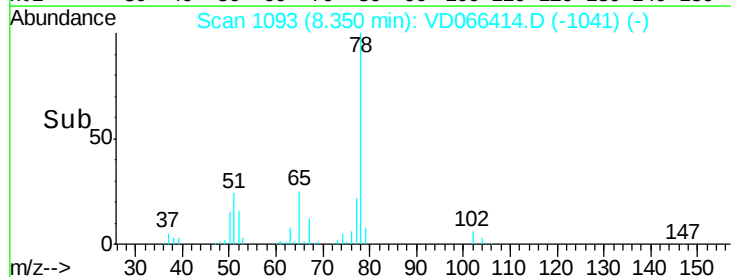
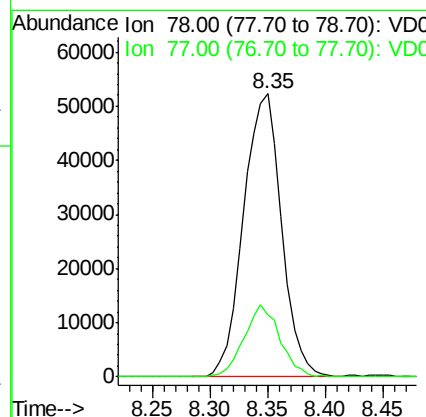
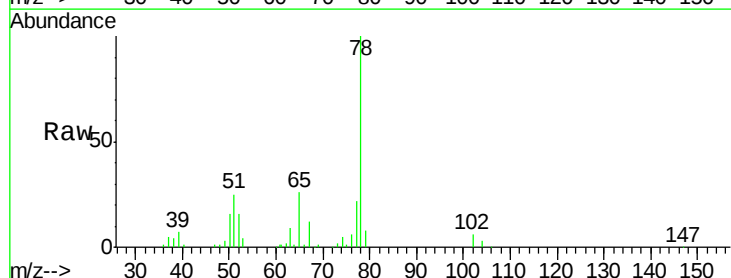
Manual Integrations
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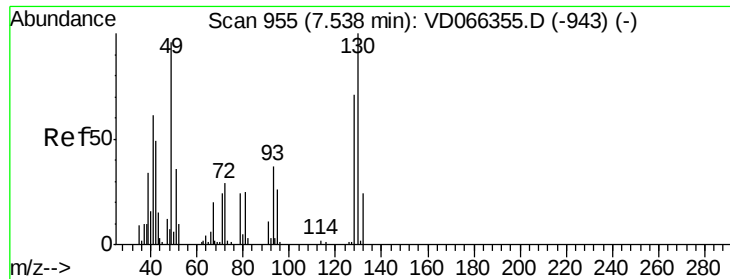
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#40
Benzene
Concen: 19.117 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	78	Resp	119873
Ion Ratio	Lower	Upper	
78	100		
77	21.8	18.8	28.2





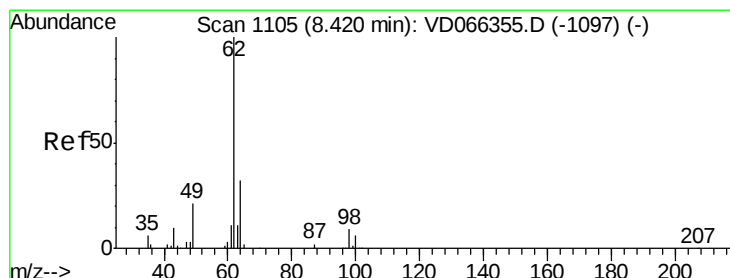
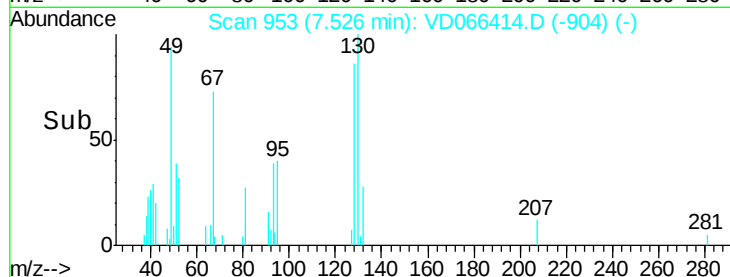
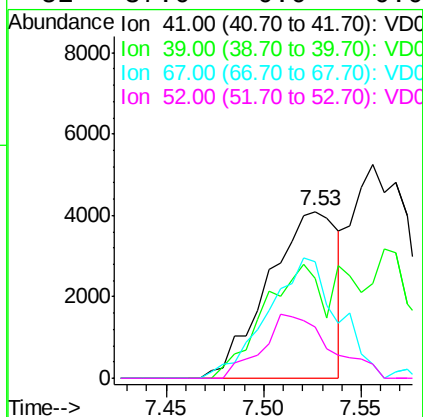
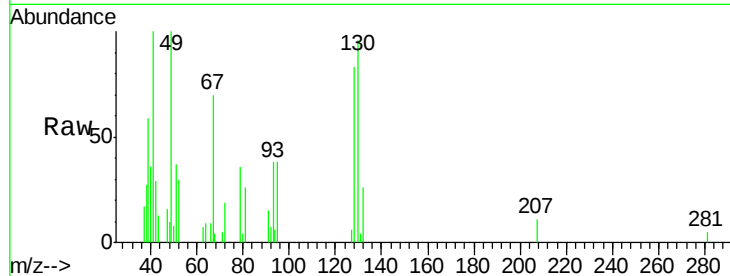
#41
Methacrylonitrile
Concen: 20.216 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBSD01

Tot Ion	41	Resp	10107
Ion	Ratio	Lower	Upper
41	100		
39	56.9	51.8	77.8
67	73.5	0.0	0.0#
52	37.0	0.0	0.0#

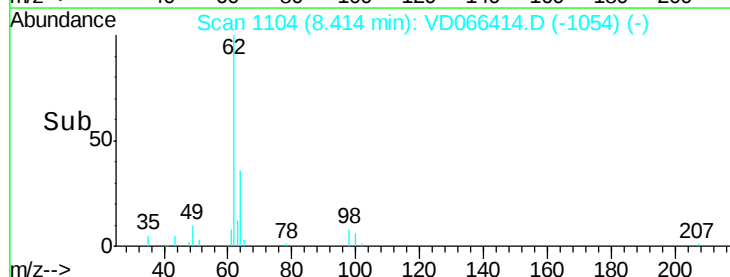
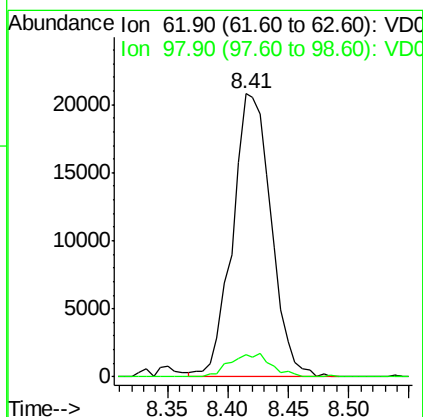
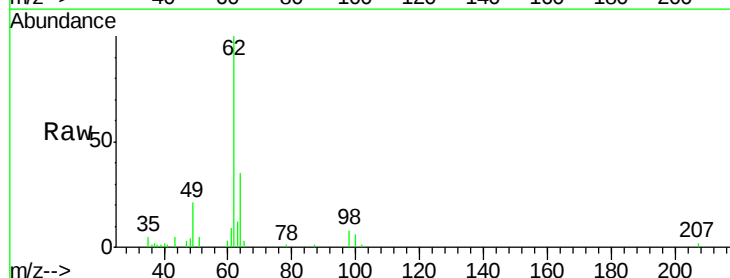
Manual Integrations
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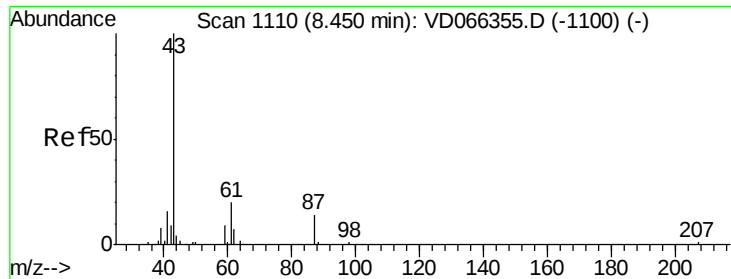
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8/27/2020 3:08:33 PM



#42
1,2-Dichloroethane
Concen: 20.967 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	62	Resp	46306
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.024 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

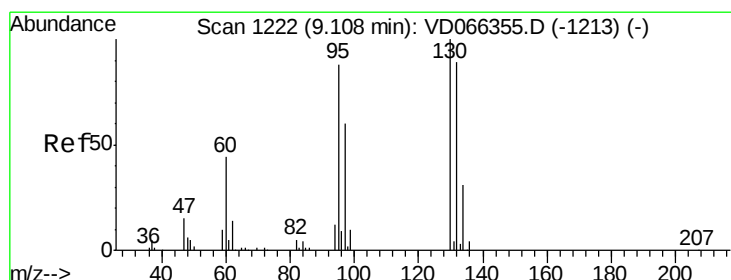
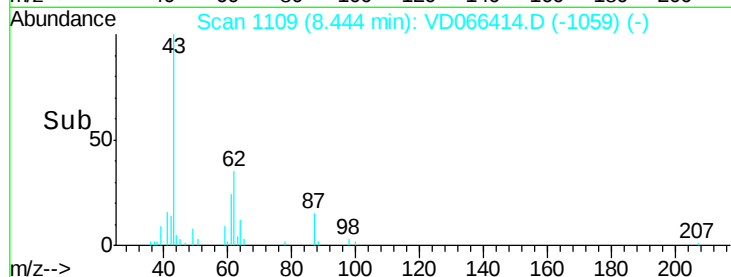
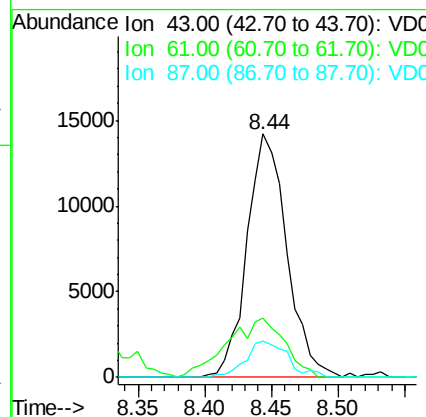
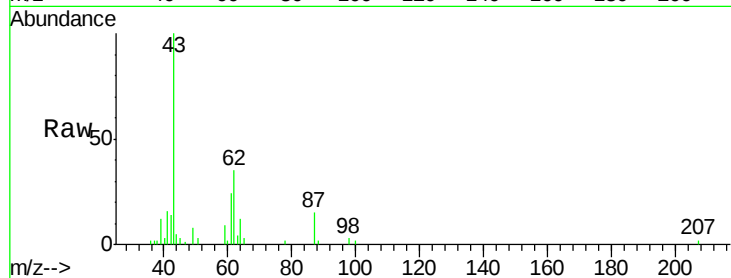
ClientSampleId :

VD0826SBS01

Tot Ion:	43	Resp:	29329
Ion	Ratio	Lower	Upper
43	100		
61	35.2	26.5	39.7
87	15.8	11.9	17.9

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#44

Trichloroethene

Concen: 20.042 ug/l

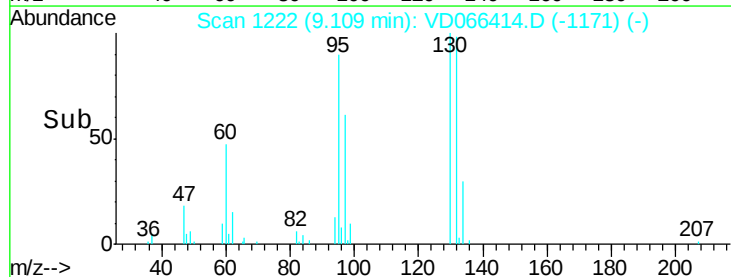
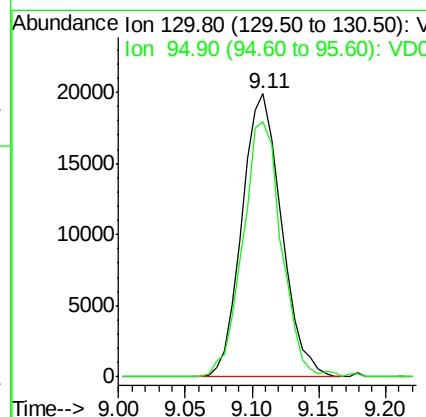
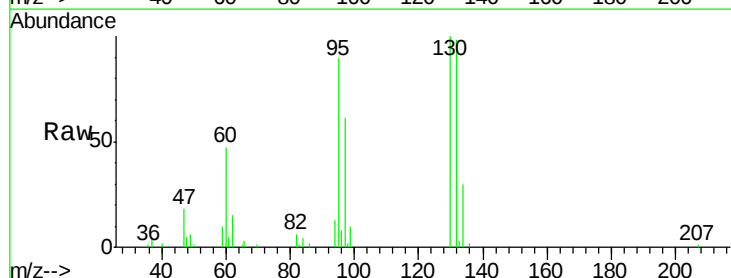
RT: 9.11 min Scan# 1222

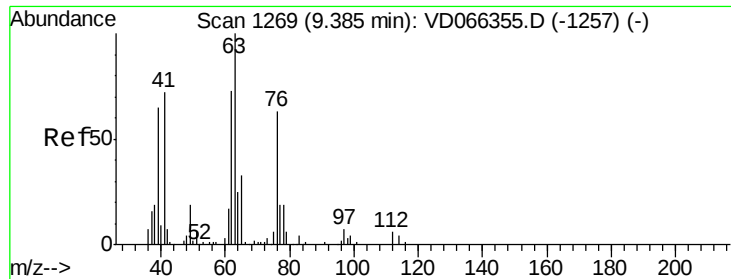
Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	130	Resp:	40836
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	175.6





#45

1,2-Dichloropropane

Concen: 17.792 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 63 Resp: 25292

Ion Ratio Lower Upper

63 100

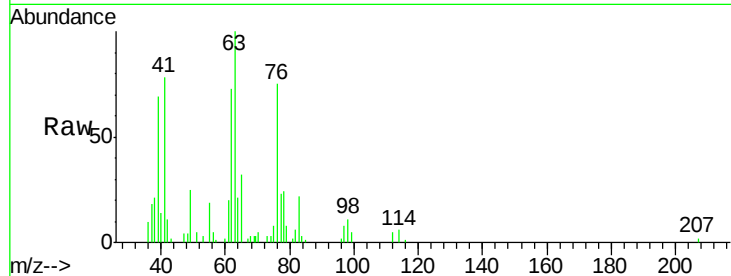
65 32.1 26.4 39.6

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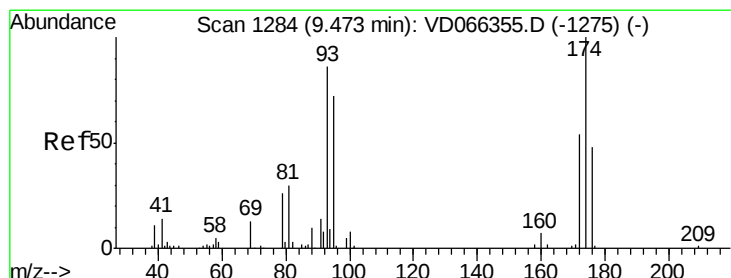
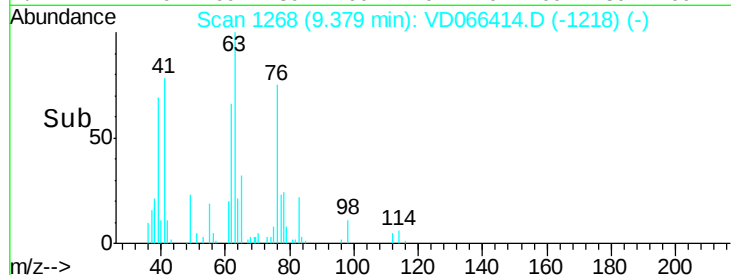
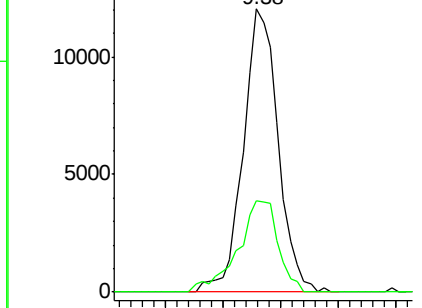
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.040 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

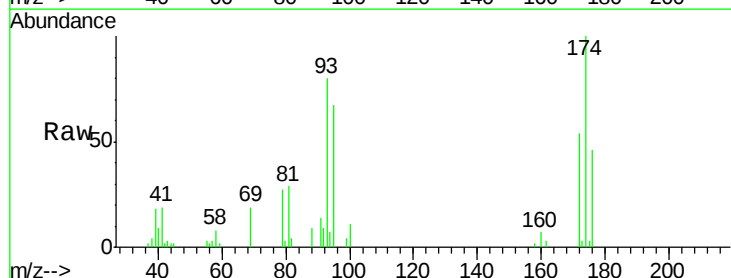
Tgt Ion: 93 Resp: 16852

Ion Ratio Lower Upper

93 100

95 89.0 66.0 99.0

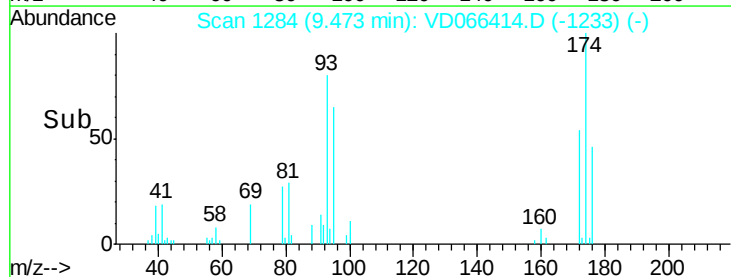
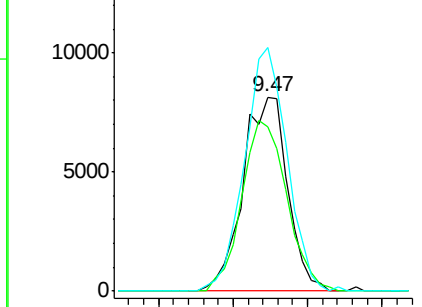
174 119.6 94.6 141.8

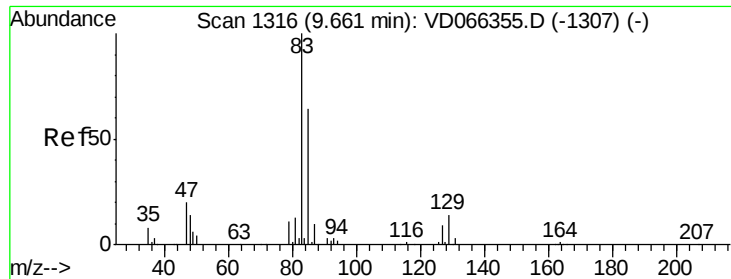


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.185 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

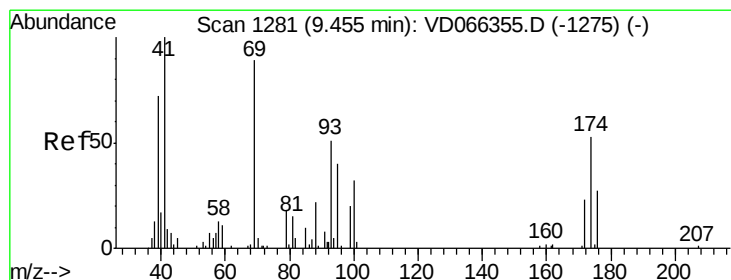
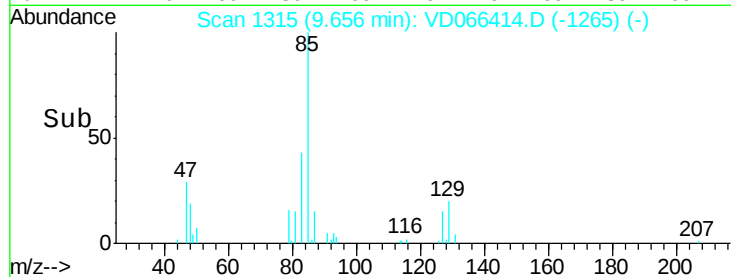
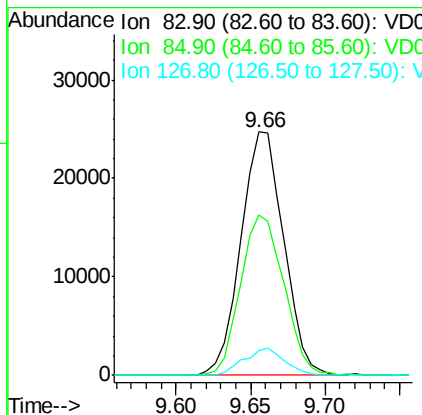
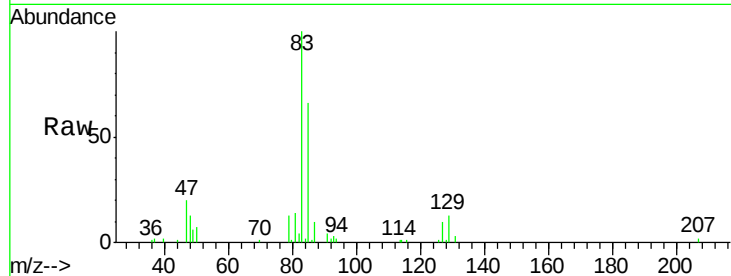
ClientSampleId :

VD0826SBS01

Tot Ion:	83	Resp:	49133
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.0
127	9.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.346 ug/l

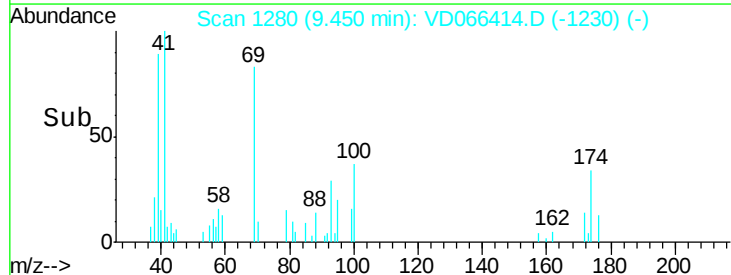
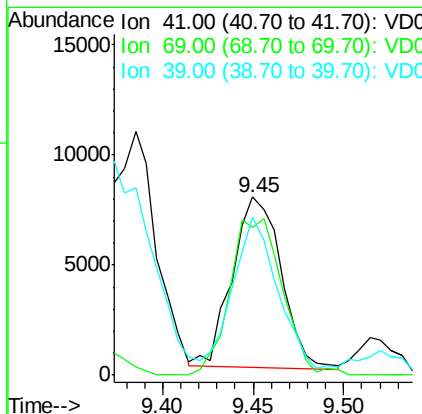
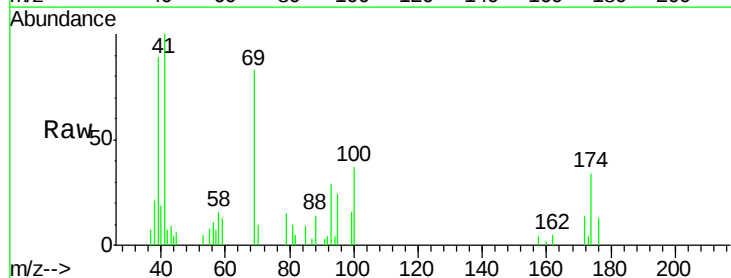
RT: 9.45 min Scan# 1280

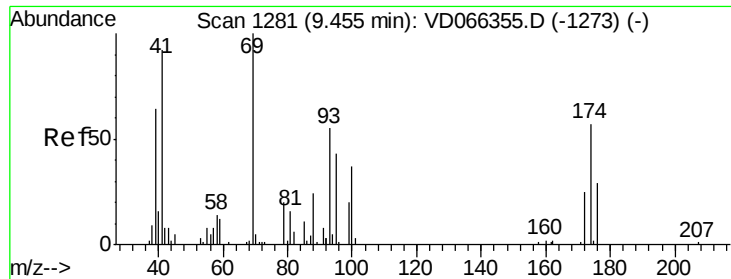
Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	41	Resp:	14555
Ion	Ratio	Lower	Upper
41	100		
69	98.7	75.5	113.3
39	79.2	57.0	85.4





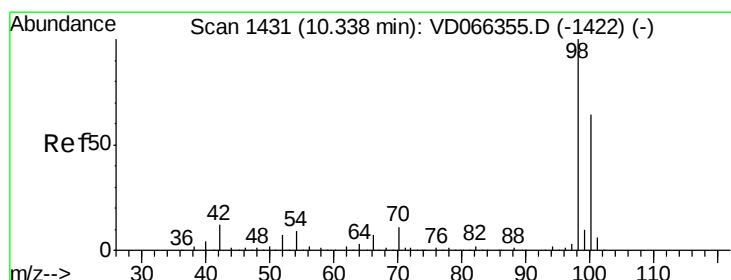
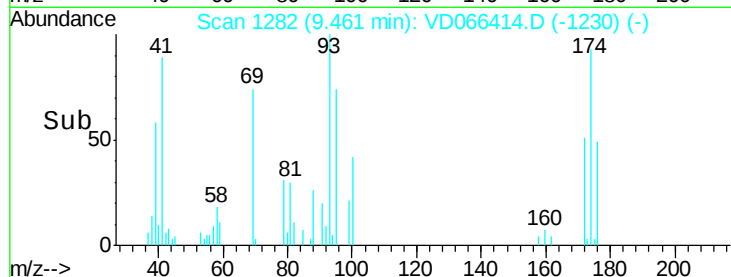
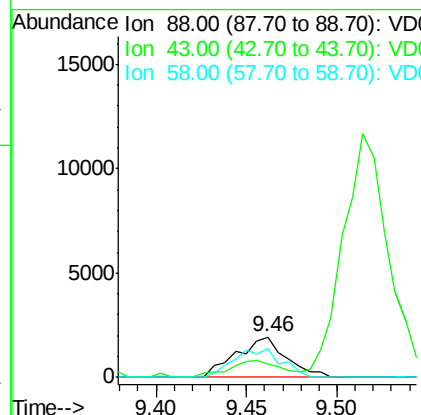
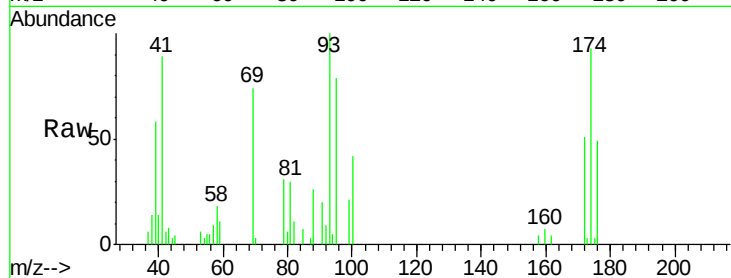
#49
1,4-Dioxane
Concen: 353.687 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.5	29.4	44.0#
58	68.7	45.4	68.2#

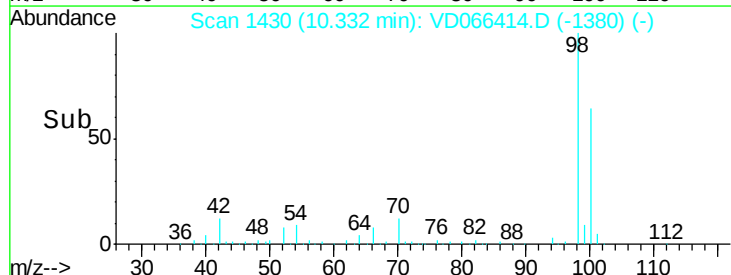
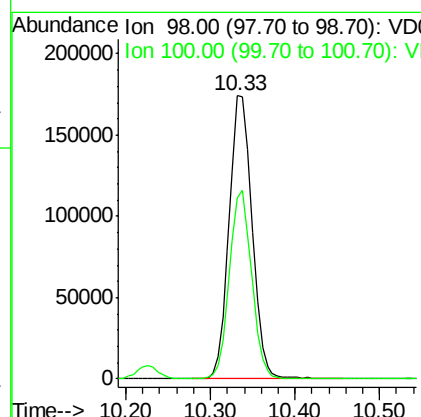
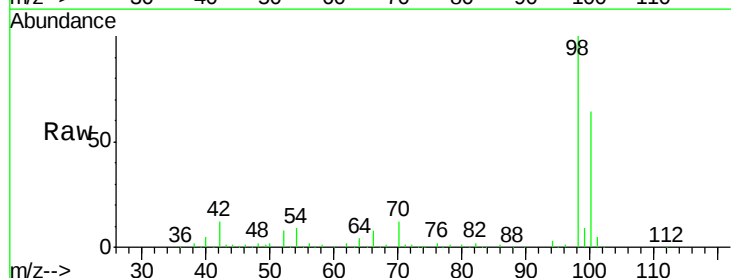
Manual Integrations
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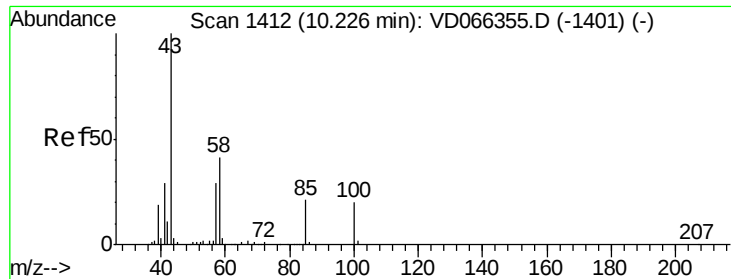
MMDadoda
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#50
Toluene-d8
Concen: 54.757 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 92.724 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 43 Resp: 72990

Ion Ratio Lower Upper

43 100

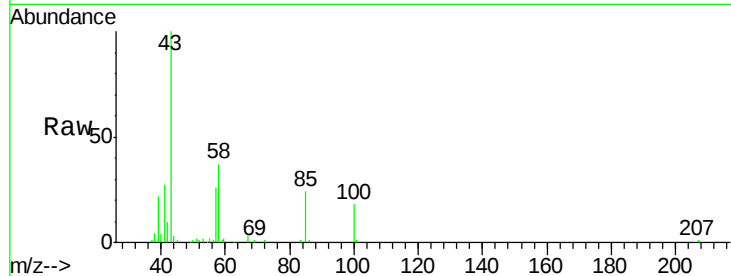
58 39.4 31.4 47.2

Manual Integrations

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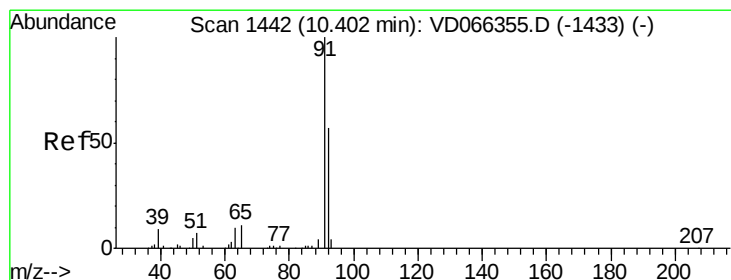
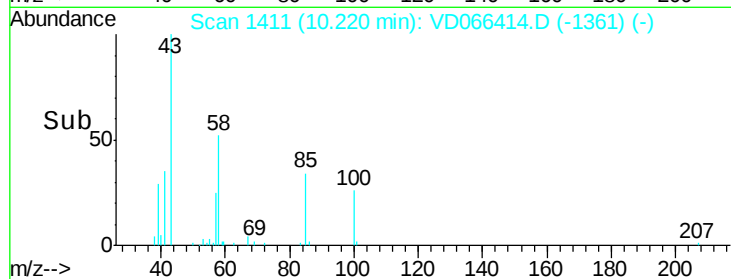
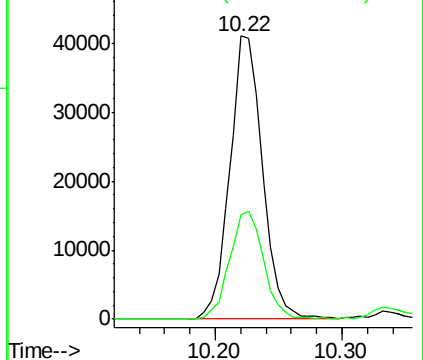
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 19.823 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066414.D

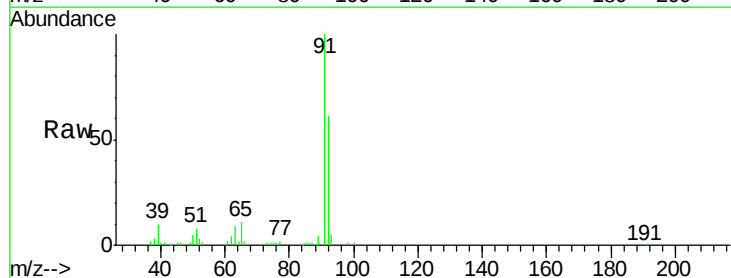
Acq: 26 Aug 2020 12:19

Tgt Ion: 92 Resp: 84214

Ion Ratio Lower Upper

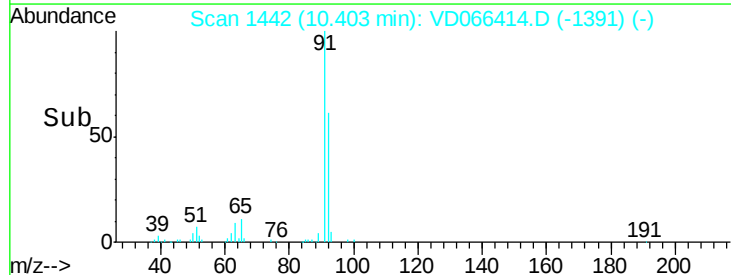
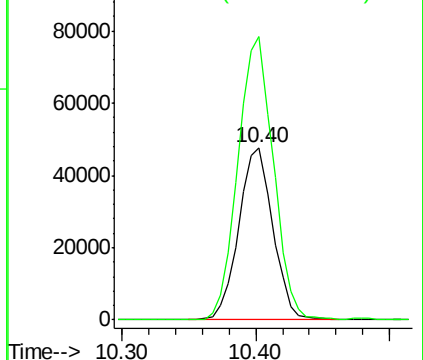
92 100

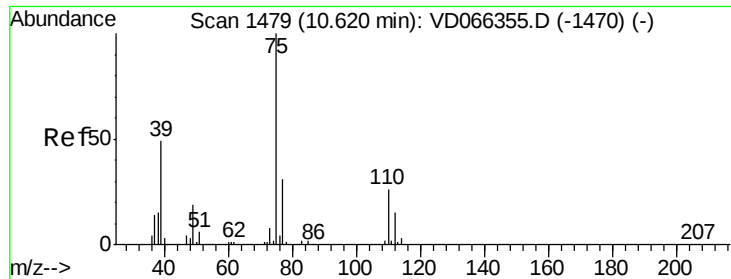
91 171.1 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





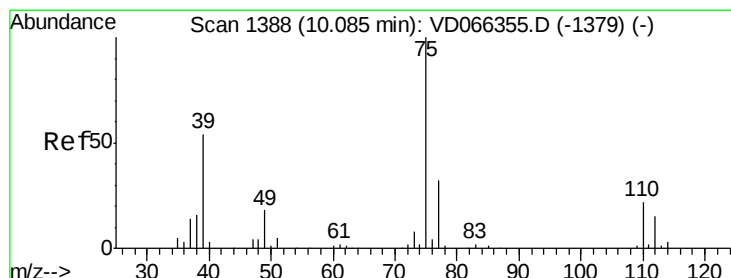
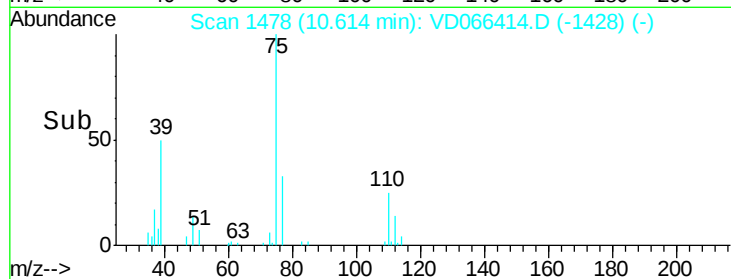
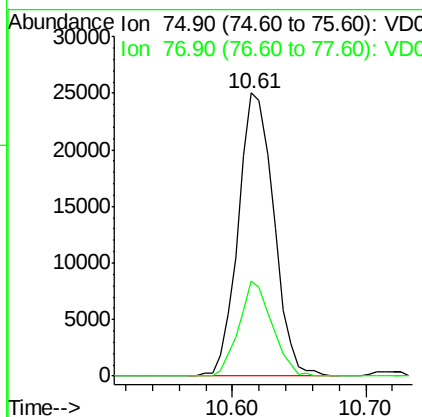
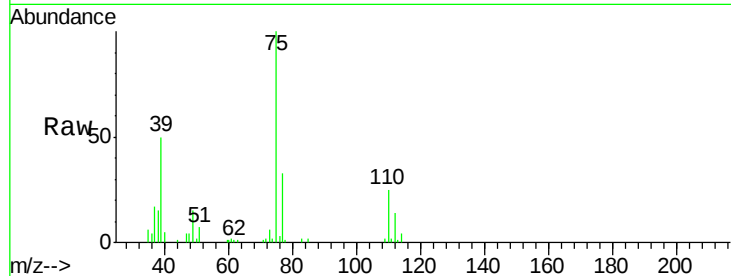
#53
 t-1,3-Dichloropropene
 Concen: 19.939 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion: 75 Resp: 46051
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.5 36.7

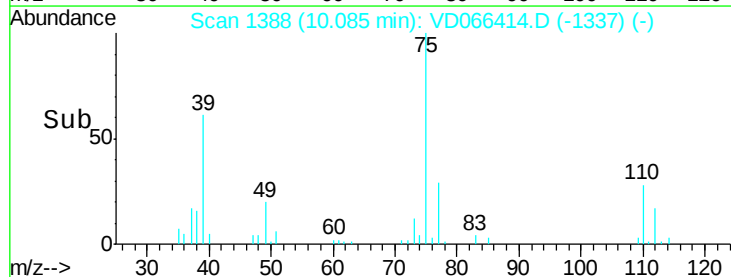
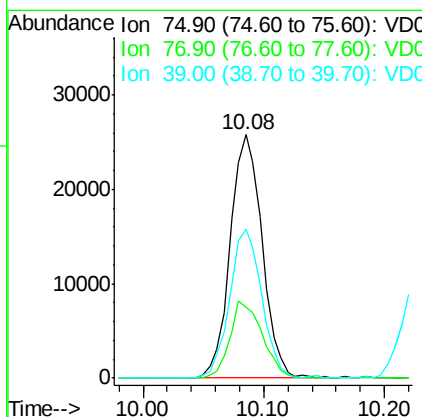
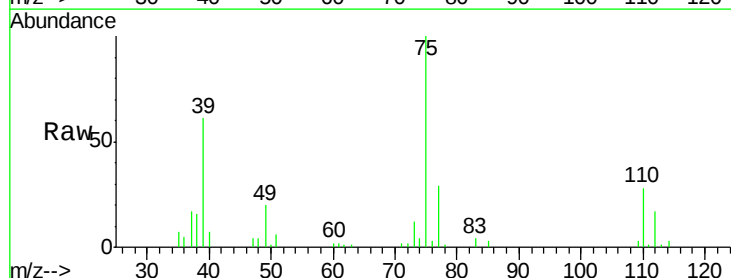
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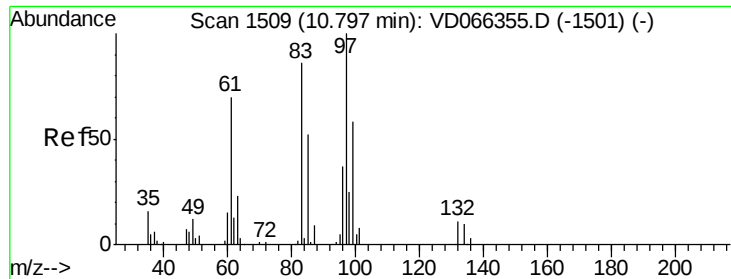
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#54
 cis-1,3-Dichloropropene
 Concen: 18.320 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion: 75 Resp: 47493
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.6 38.4
 39 61.4 43.4 65.0





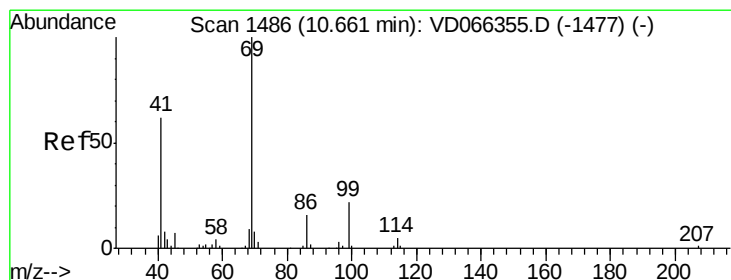
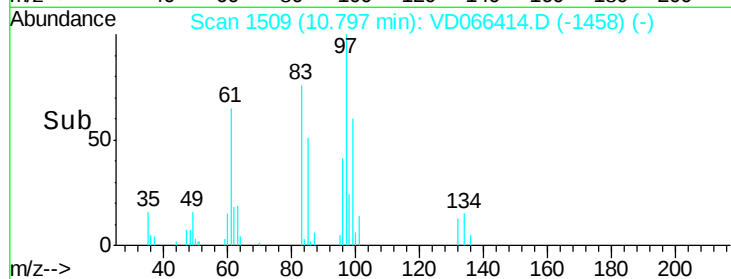
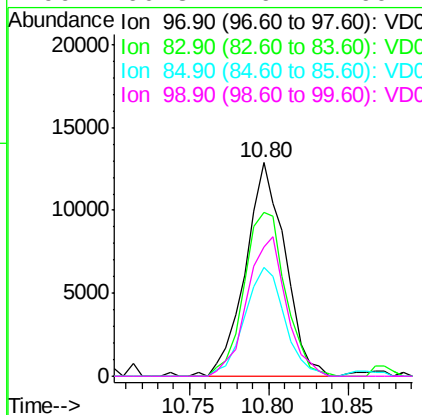
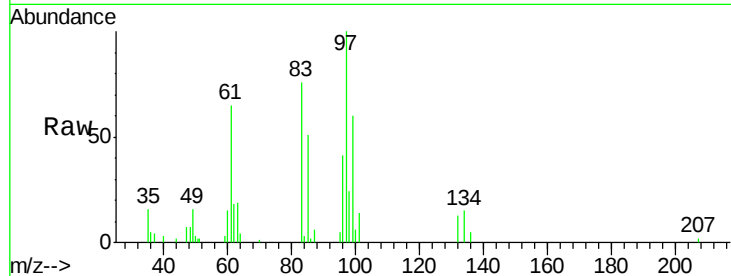
#55
 1,1,2-Trichloroethane
 Concen: 18.662 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBSD01

Tot Ion:	97	Resp:	22361
Ion	Ratio	Lower	Upper
97	100		
83	76.4	68.4	102.6
85	50.8	41.3	61.9
99	60.3	46.1	69.1

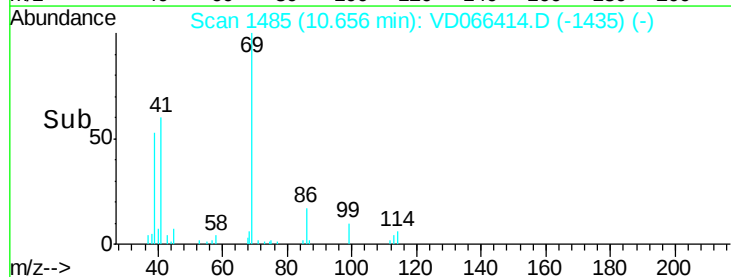
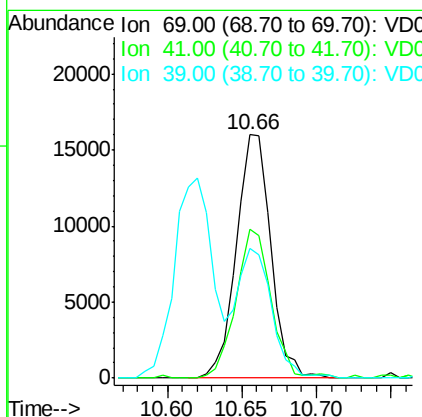
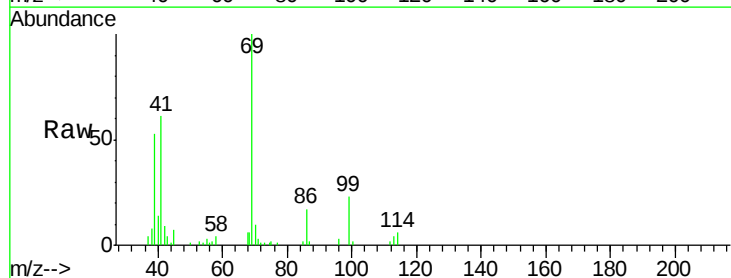
Manual Integrations
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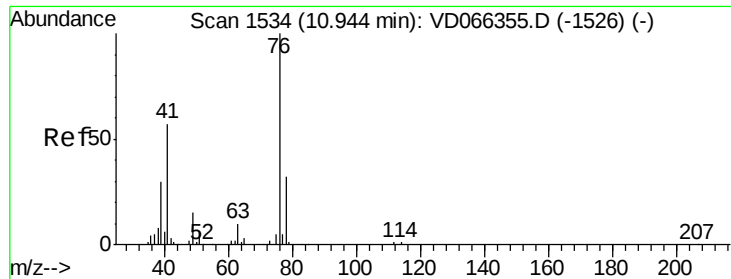
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#56
 Ethyl methacrylate
 Concen: 18.532 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion:	69	Resp:	25705
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.8	76.2
39	54.6	32.9	49.3#





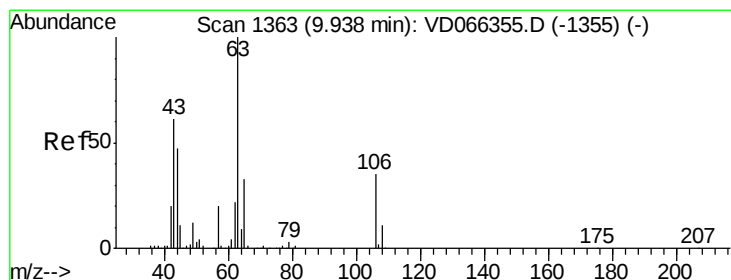
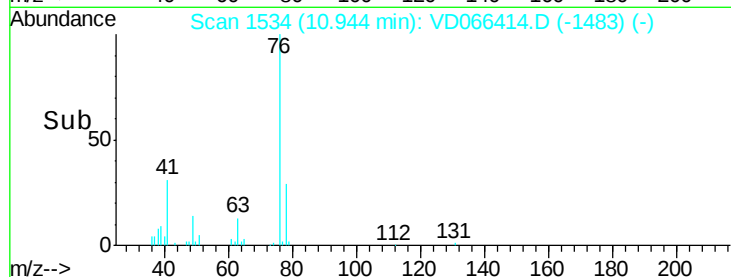
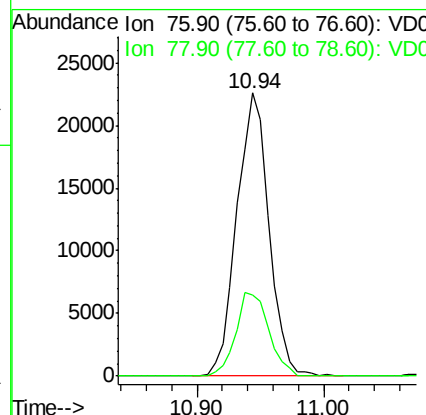
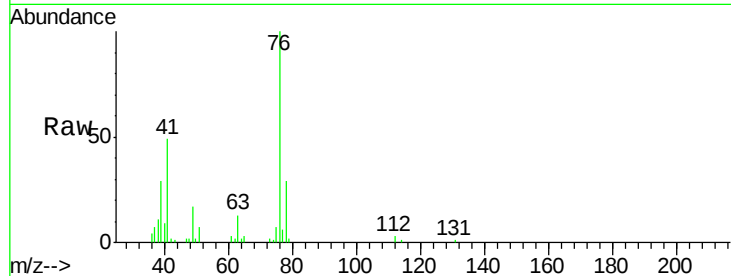
#57
 1,3-Dichloropropane
 Concen: 19.902 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.3	25.6	38.4

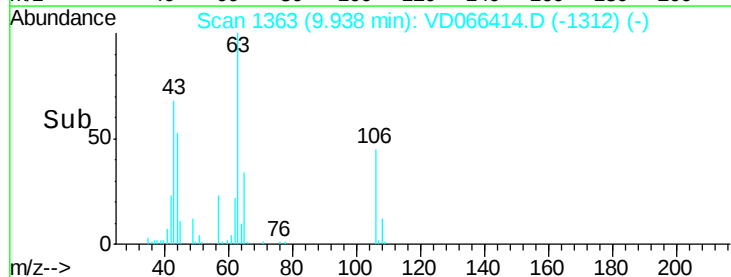
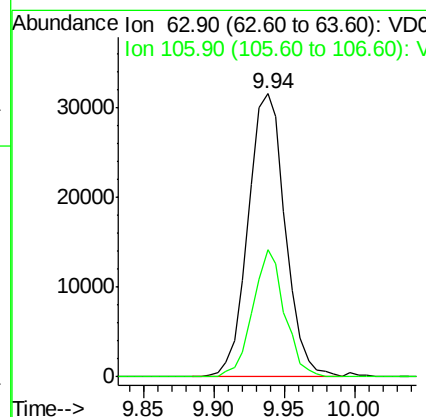
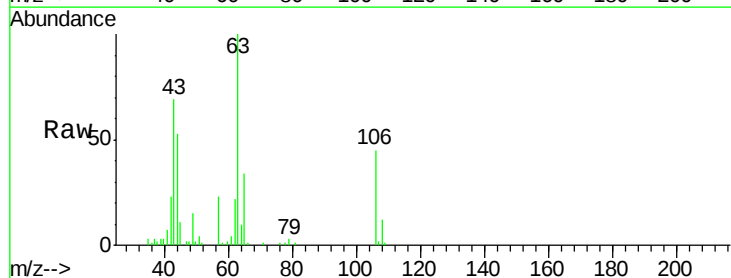
Manual Integrations
 APPROVED

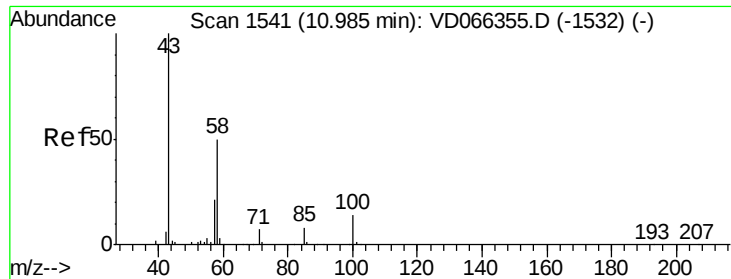
MMDadoda
 8/27/2020 3:08:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.971 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	38.6	27.1	40.7





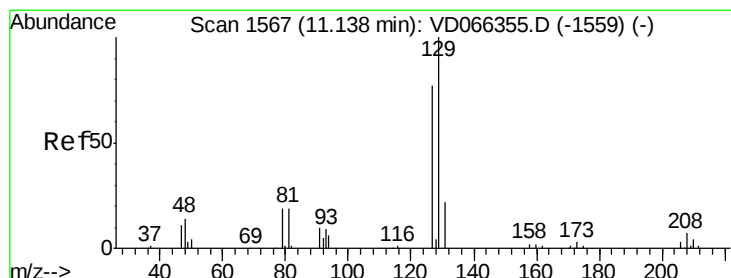
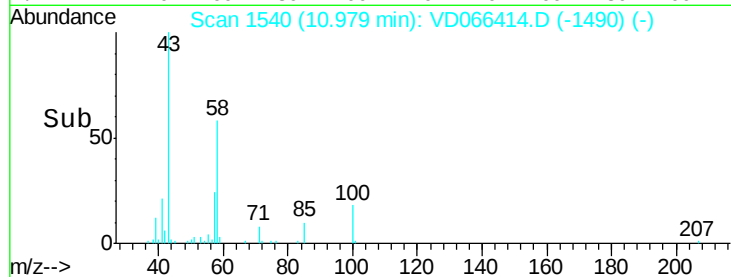
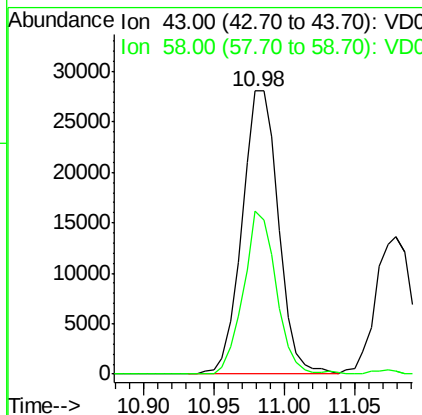
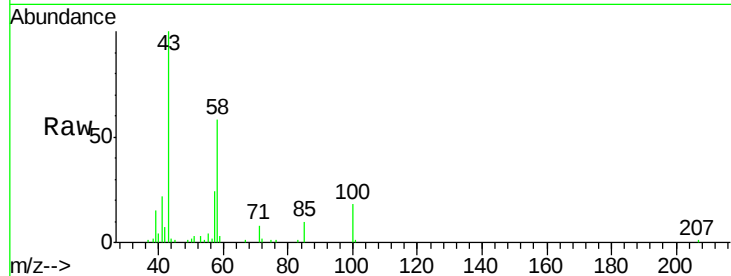
#59
2-Hexanone
Concen: 91.156 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion: 43 Resp: 50614
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.8

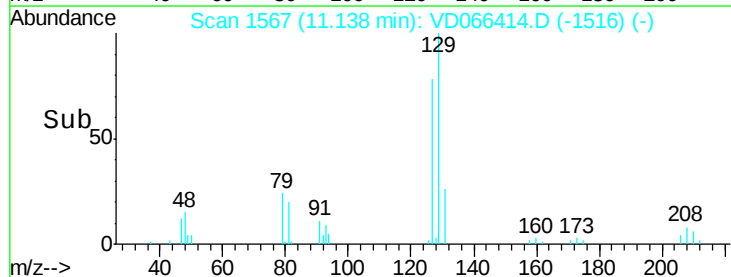
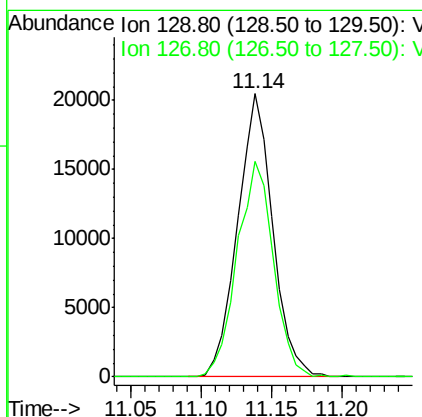
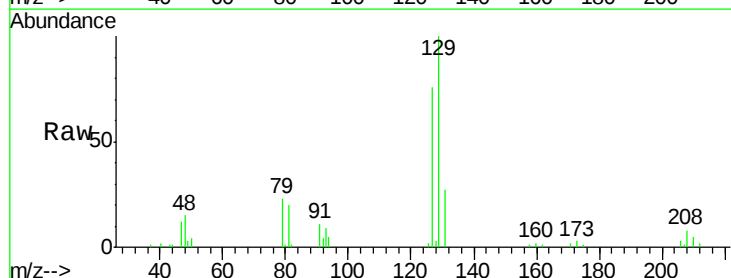
Manual Integrations
APPROVED

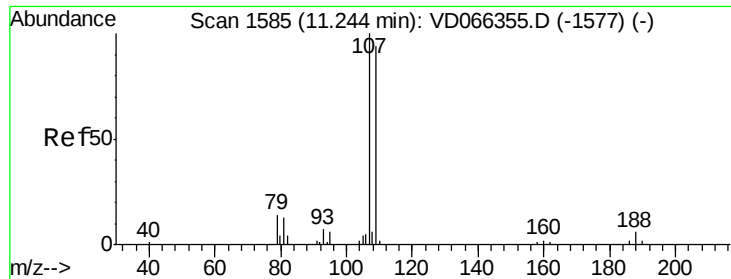
MMDadoda
8/27/2020 3:08:33 PM



#60
Dibromochloromethane
Concen: 19.758 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion: 129 Resp: 35686
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0





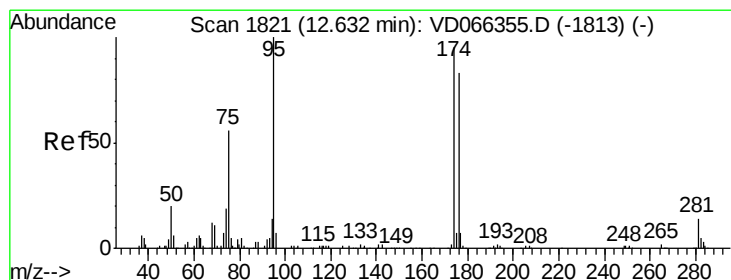
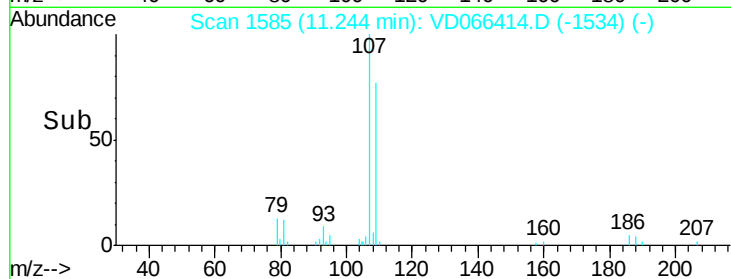
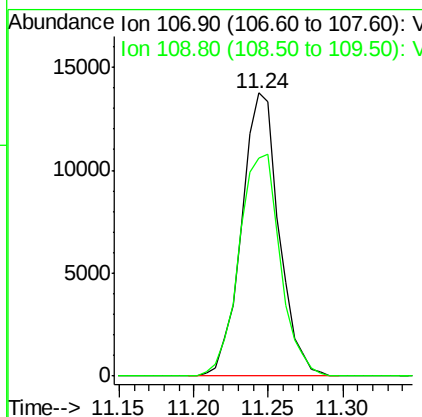
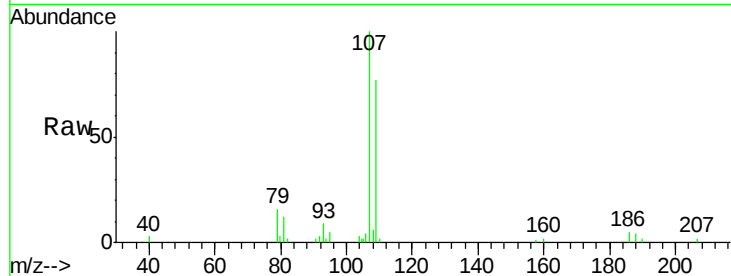
#61
 1,2-Dibromoethane
 Concen: 20.229 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBSD01

Tot Ion: 107 Resp: 23854
 Ion Ratio Lower Upper
 107 100
 109 86.4 77.8 116.8

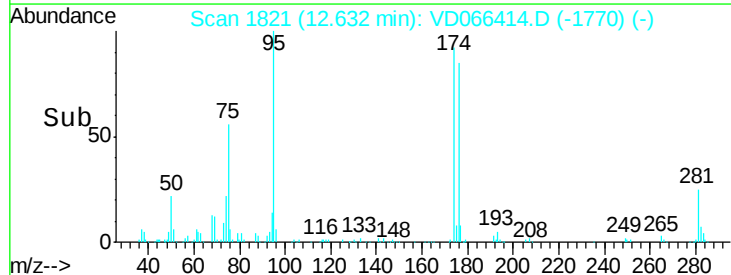
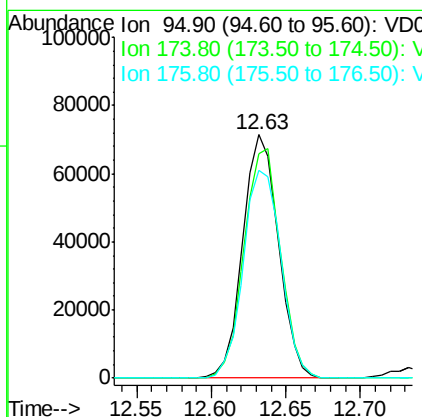
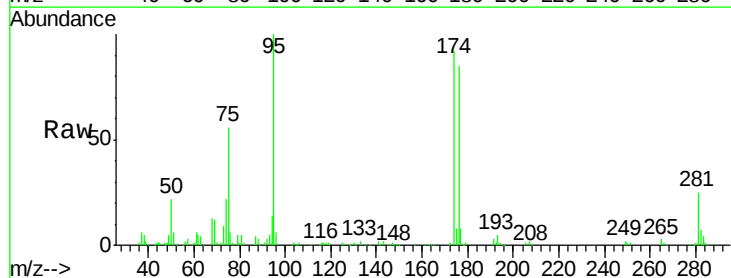
Manual Integrations
 APPROVED

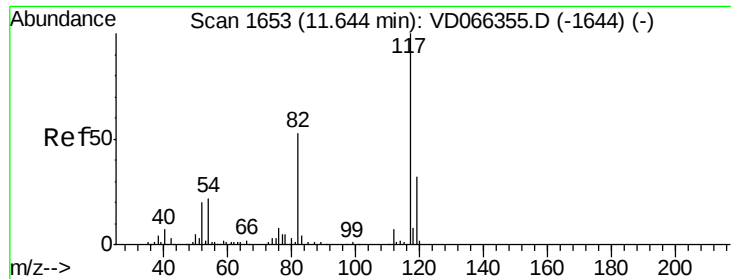
MMDadoda
 8/27/2020 3:08:33 PM



#62
 4-Bromofluorobenzene
 Concen: 55.792 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion: 95 Resp: 118327
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 183.4
 176 90.2 0.0 173.8





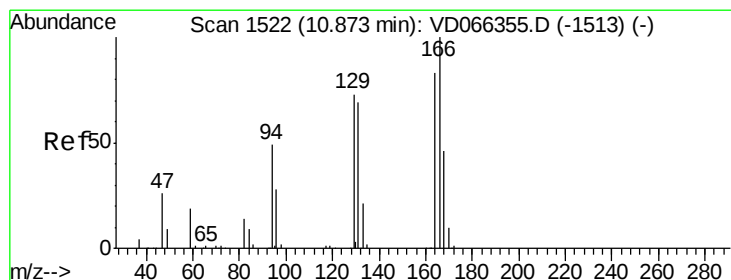
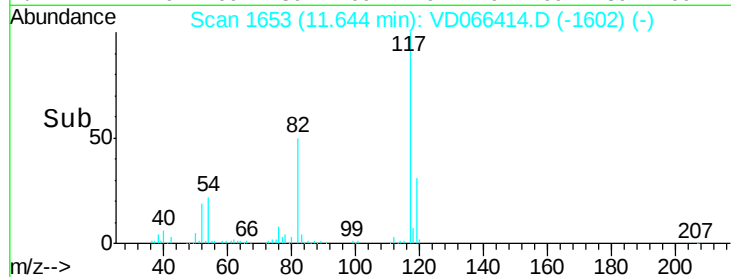
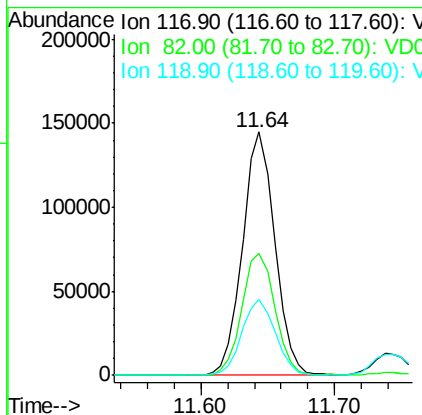
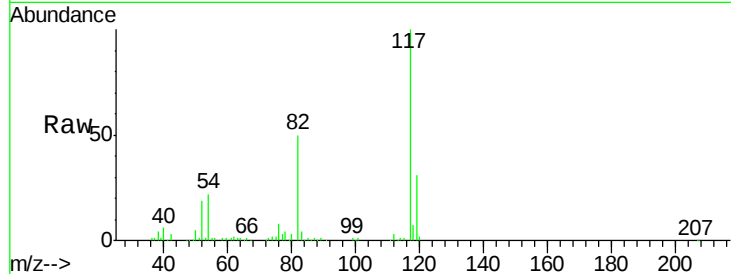
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	242123		
82	50.3	42.8	64.2	
119	31.1	25.8	38.8	

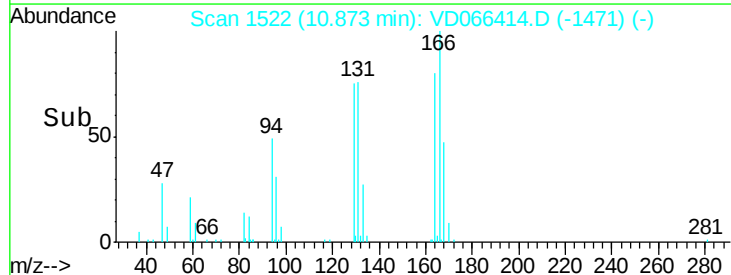
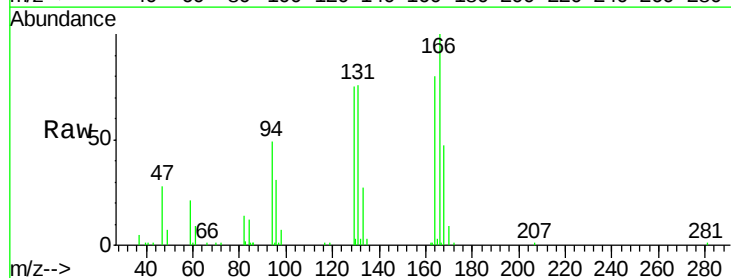
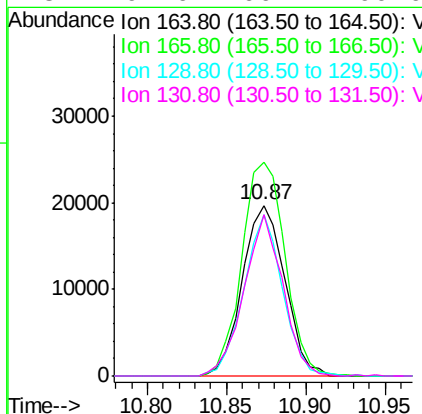
Manual Integrations
APPROVED

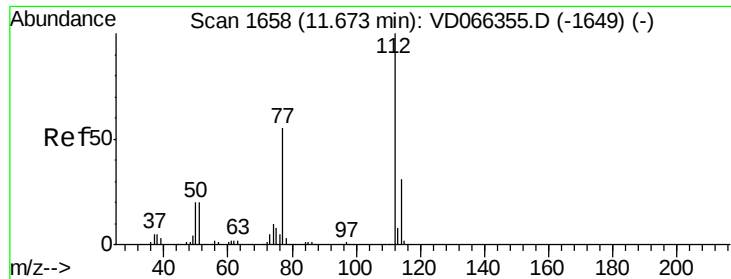
MMDadoda
8/27/2020 3:08:33 PM



#64
Tetrachloroethene
Concen: 19.970 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36680		
166	125.0	96.2	144.4	
129	94.3	70.3	105.5	
131	94.6	66.4	99.6	





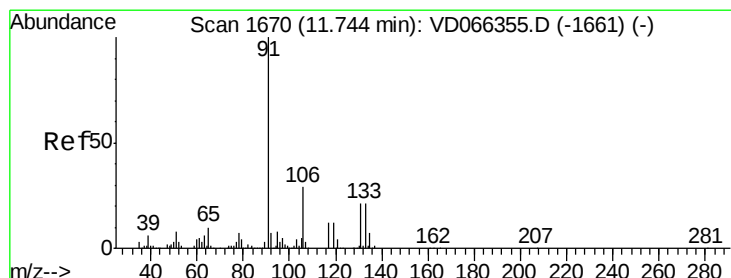
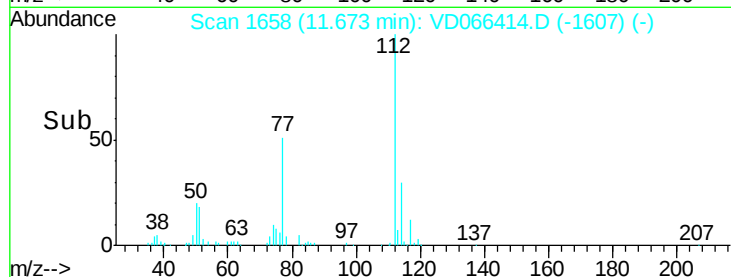
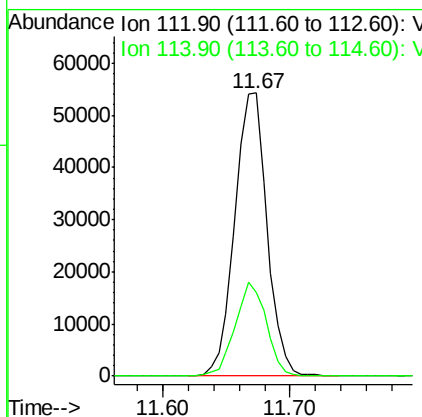
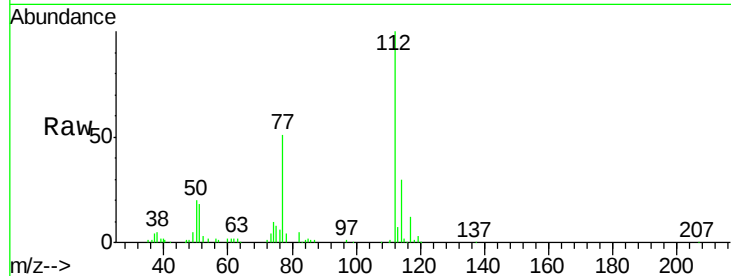
#65
Chlorobenzene
Concen: 19.857 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion:112 Resp: 95653
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7

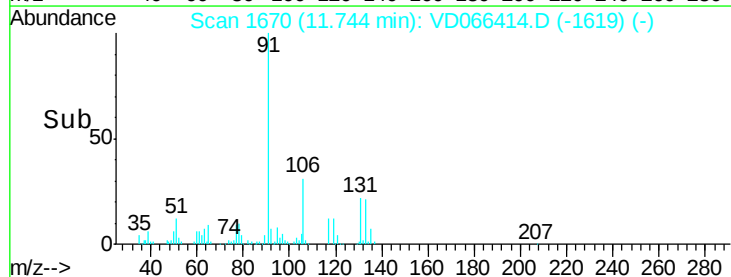
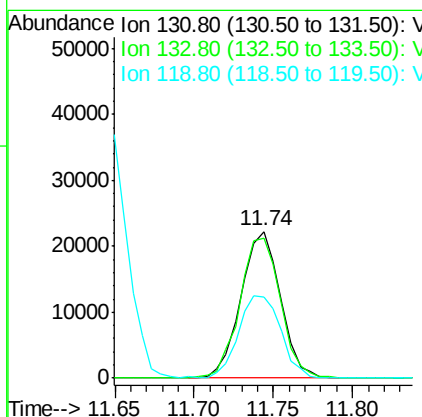
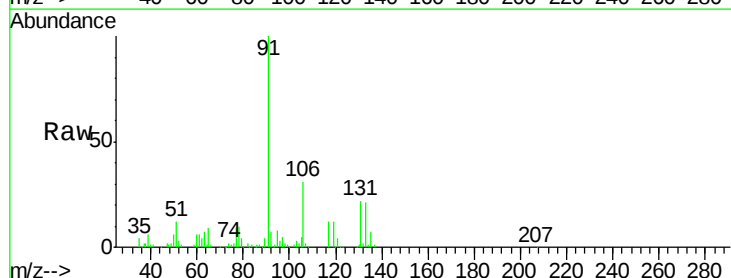
Manual Integrations
APPROVED

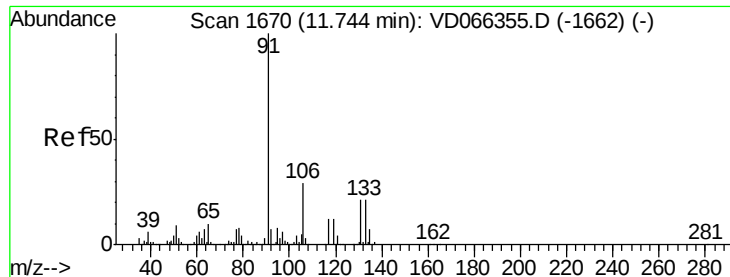
MMDadoda
8/27/2020 3:08:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.651 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion:131 Resp: 38685
Ion Ratio Lower Upper
131 100
133 97.8 48.6 145.9
119 59.9 29.0 87.1





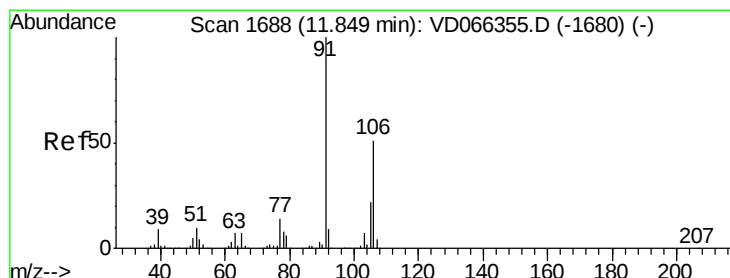
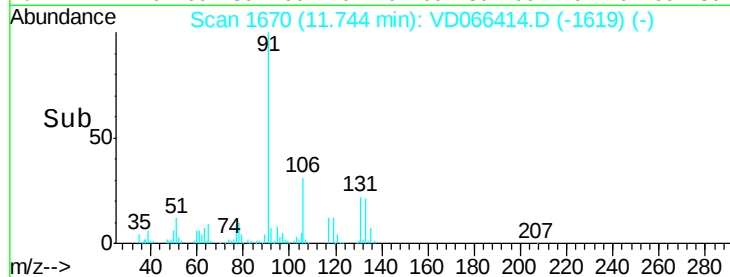
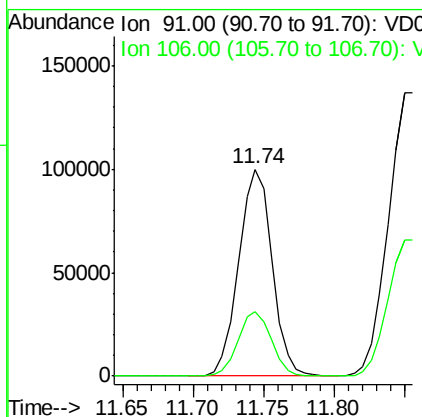
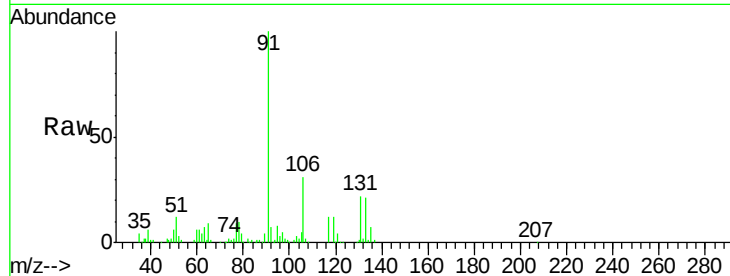
#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	23.4	35.2

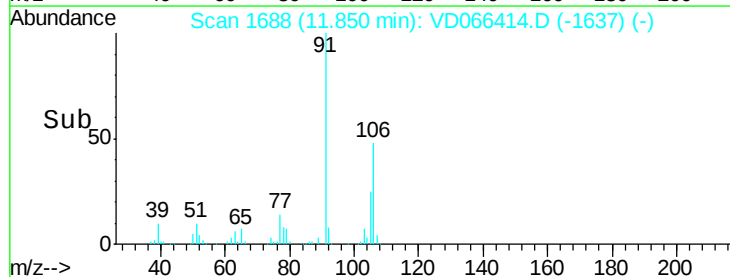
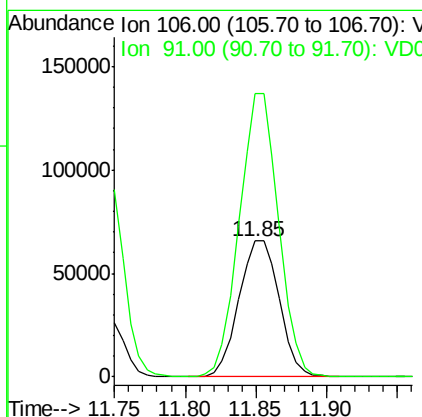
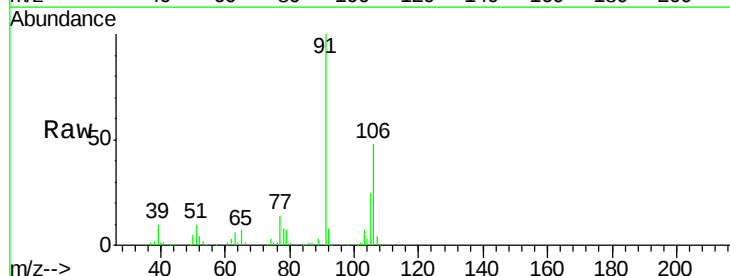
Manual Integrations
APPROVED

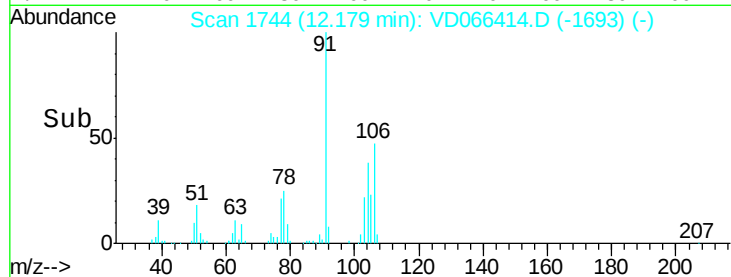
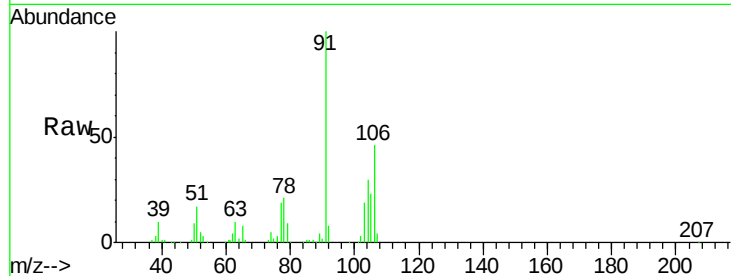
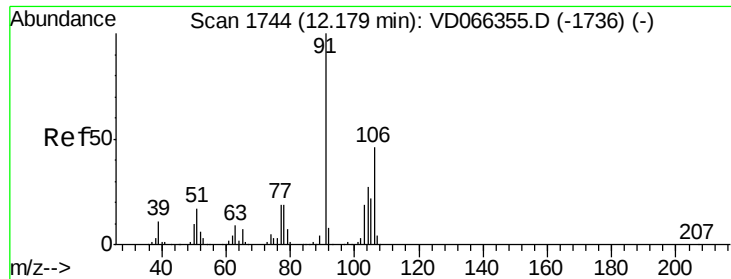
MMDadoda
8/27/2020 3:08:33 PM



#68
m/p-Xylenes
Concen: 40.742 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.3	160.7	241.1





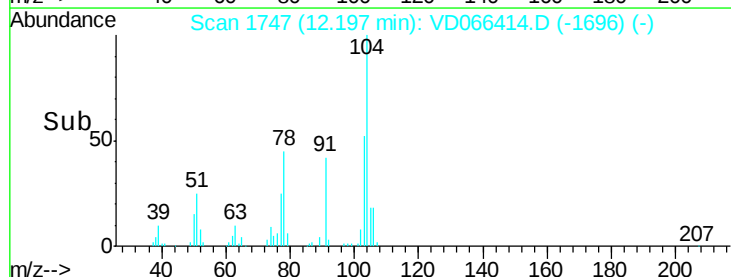
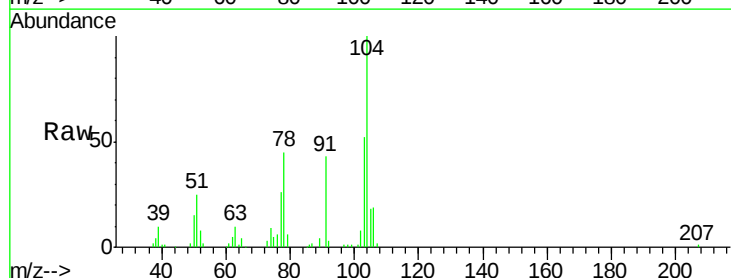
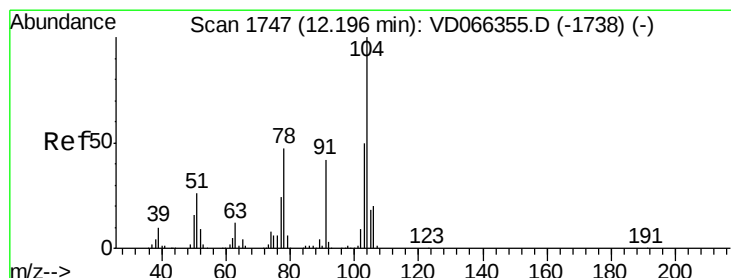
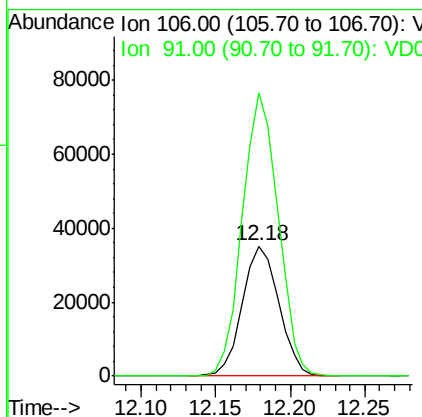
#69
o-Xylene
Concen: 19.914 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tot Ion:106 Resp: 59875
Ion Ratio Lower Upper
106 100
91 212.7 109.1 327.3

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

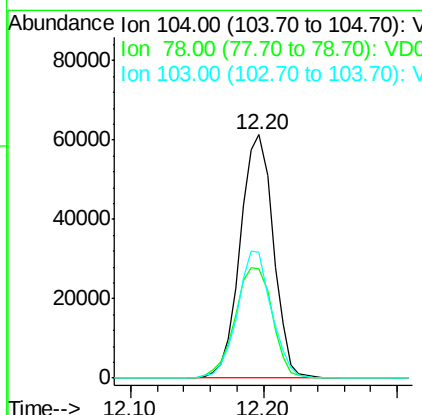
Manual Integrations
APPROVED

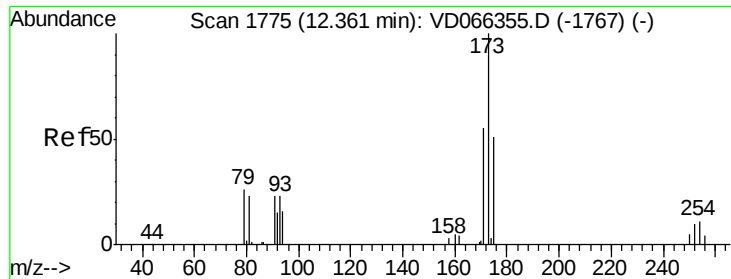
MMDadoda
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#70
Styrene
Concen: 20.387 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion:104 Resp: 105247
Ion Ratio Lower Upper
104 100
78 51.3 41.7 62.5
103 53.9 43.5 65.3





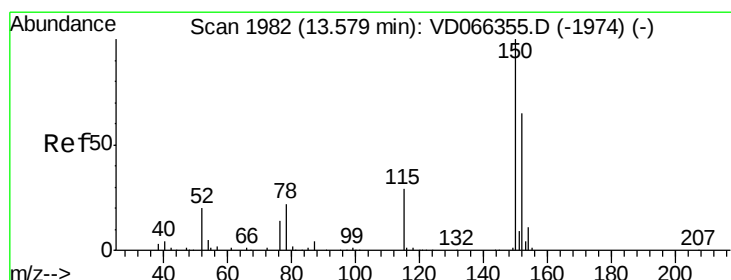
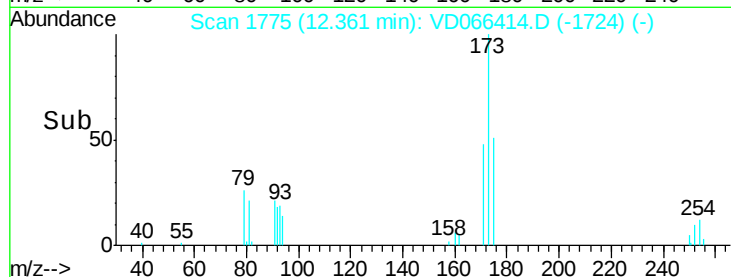
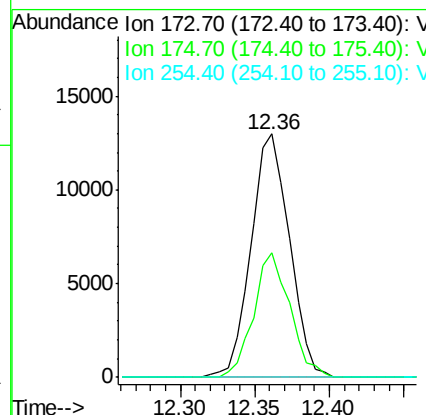
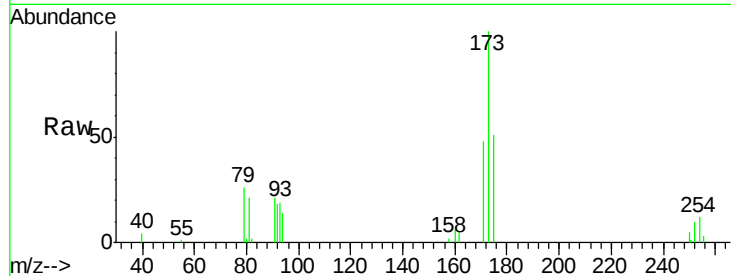
#71
Bromoform
Concen: 20.673 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.8	74.3
254	0.0	0.0	0.0

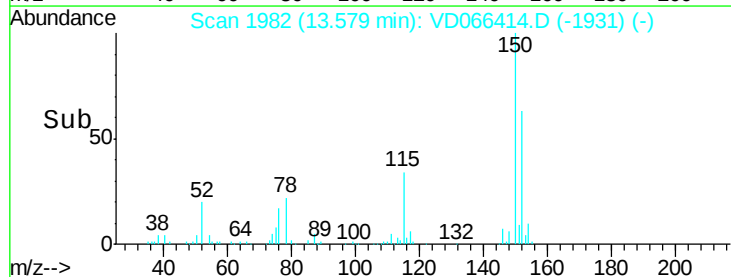
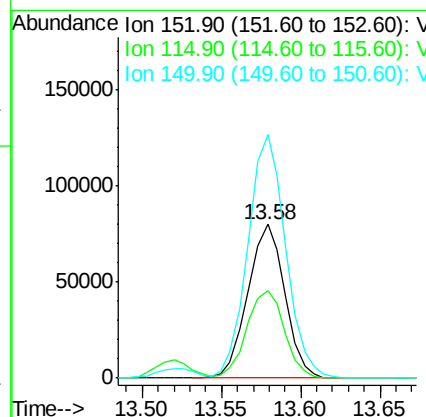
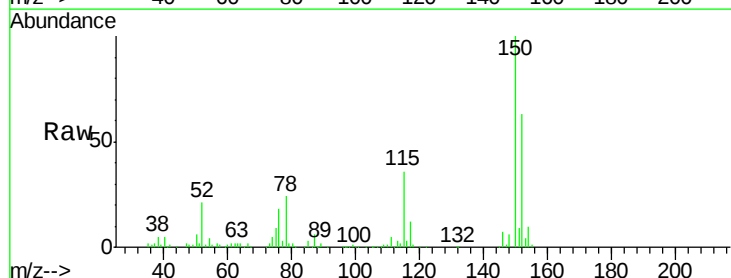
Manual Integrations
APPROVED

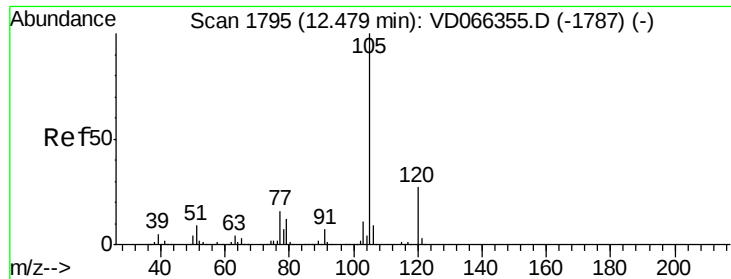
MMDadoda
8/27/2020 3:08:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.3	85.0
150	161.9	0.0	343.2





#73

Isopropylbenzene

Concen: 19.846 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 105 Resp: 172475

Ion Ratio Lower Upper

105 100

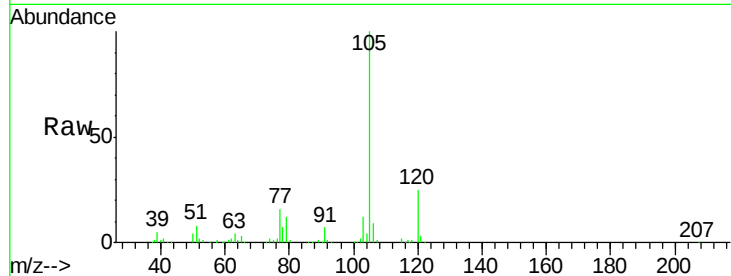
120 26.2 13.6 40.8

Manual Integrations

APPROVED

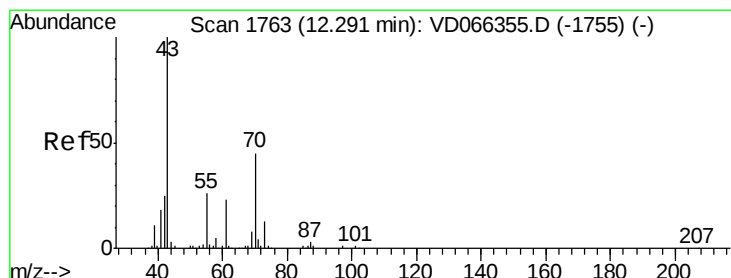
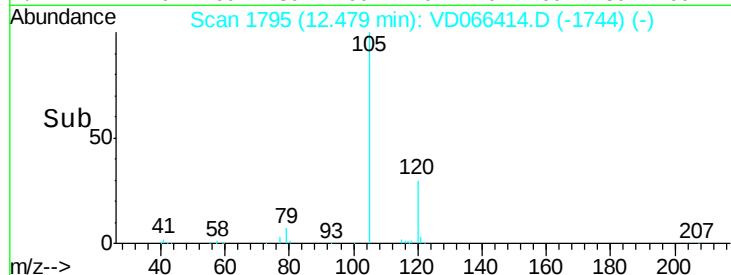
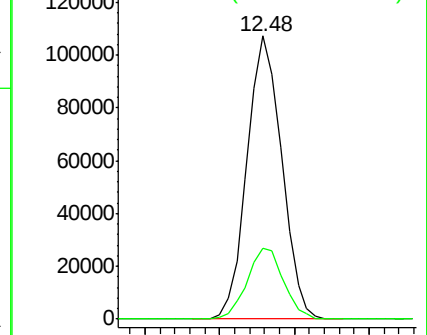
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.110 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion: 43 Resp: 26855

Ion Ratio Lower Upper

43 100

70 48.8 34.8 52.2

55 25.7 20.3 30.5

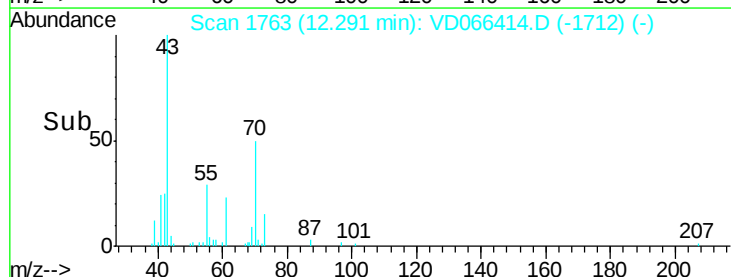
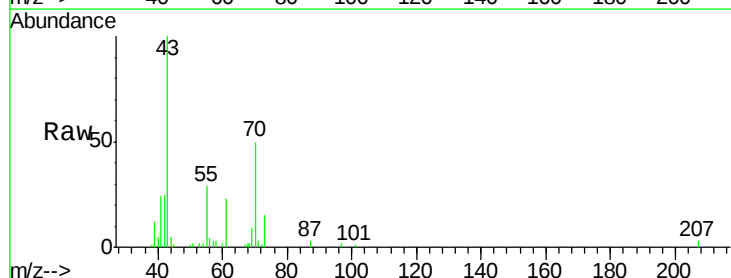
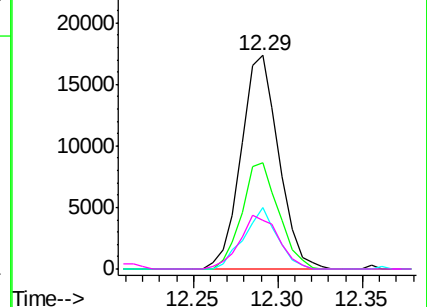
61 25.9 19.0 28.6

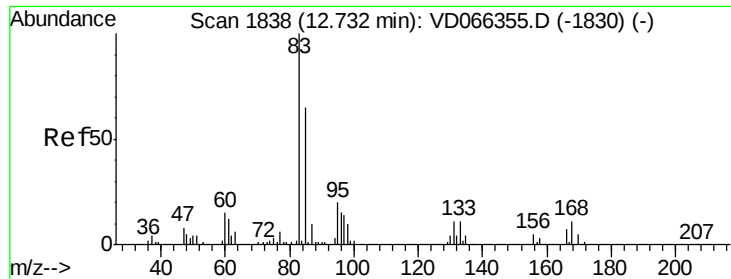
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.672 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

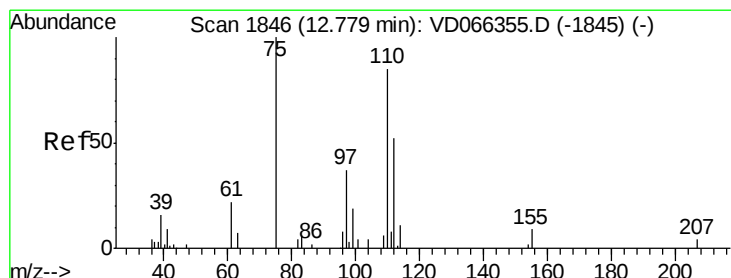
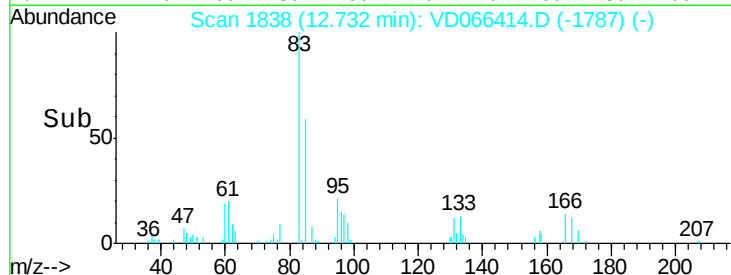
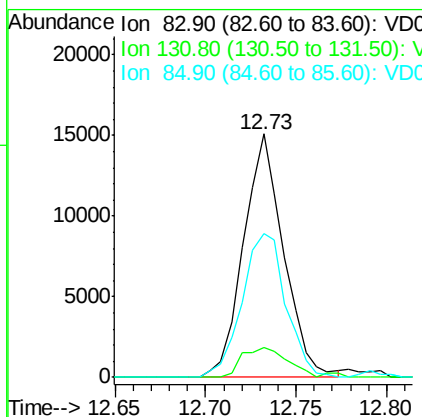
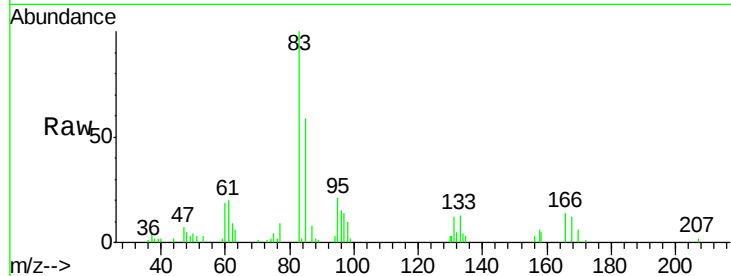
ClientSampleId :

VD0826SBSD01

Tot Ion:	83	Resp:	23181
Ion Ratio	Lower	Upper	
83	100		
131	13.8	7.0	20.9
85	64.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 22.544 ug/l m

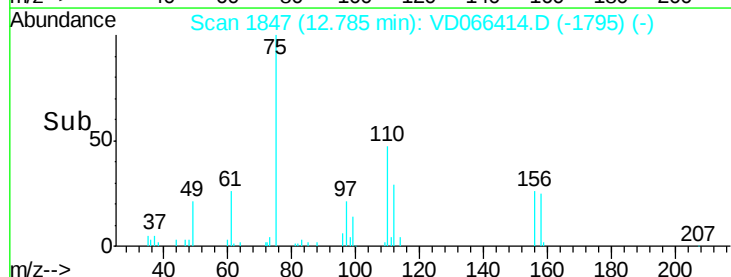
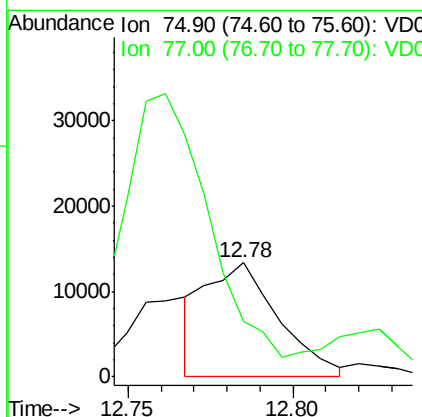
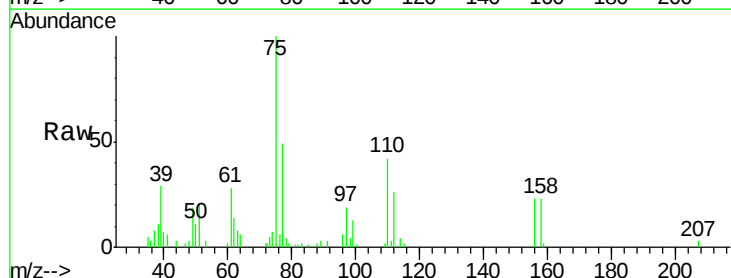
RT: 12.78 min Scan# 1847

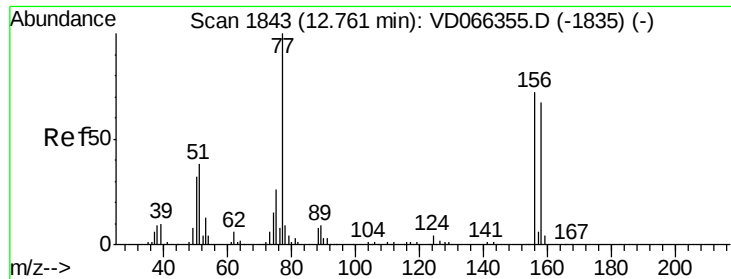
Delta R.T. 0.01 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	75	Resp:	20575
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 18.910 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

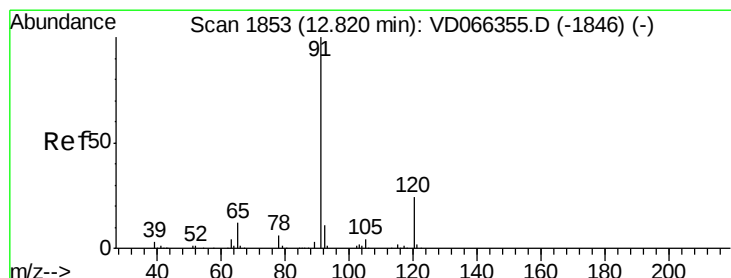
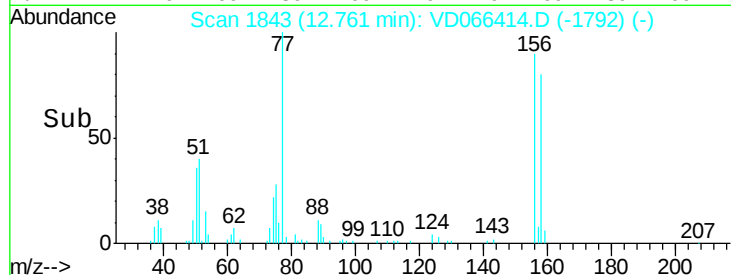
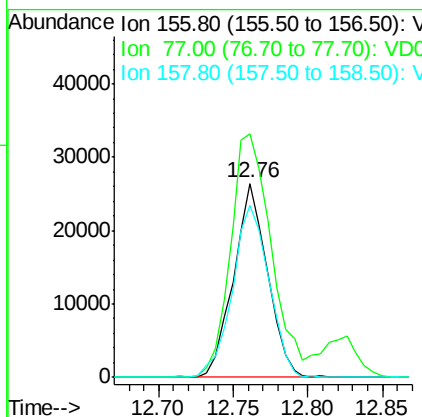
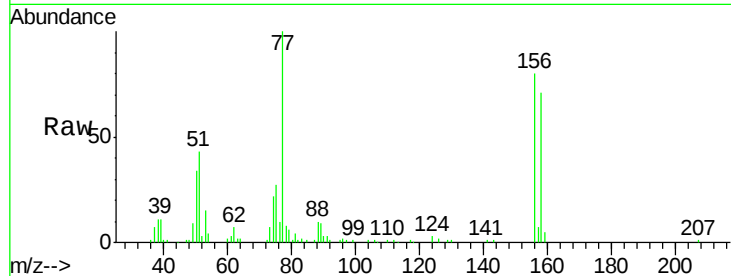
ClientSampleId :

VD0826SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	153.7	76.1	228.3	
158	95.4	47.6	142.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 19.421 ug/l

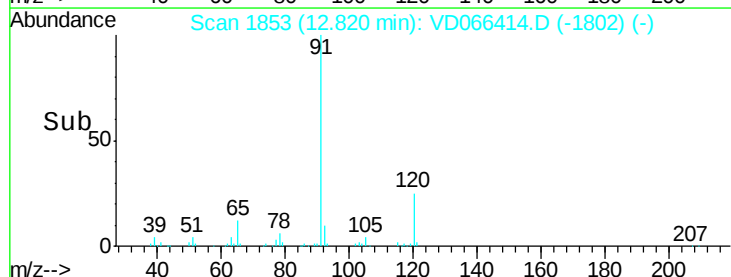
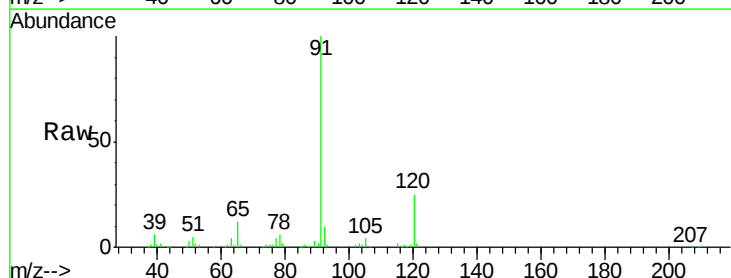
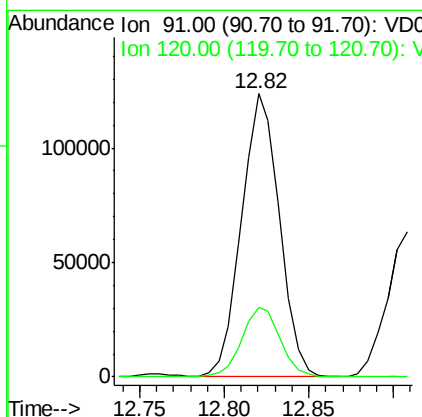
RT: 12.82 min Scan# 1853

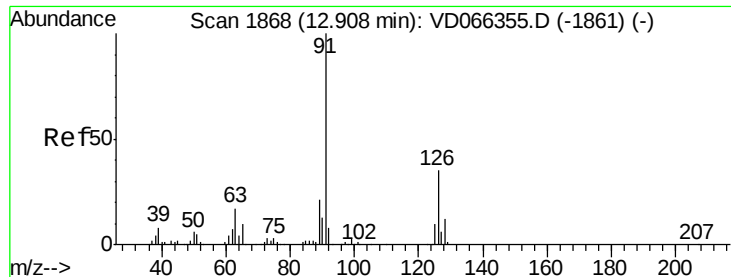
Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.7	12.0	36.0	





#79

2-Chlorotoluene

Concen: 19.250 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBS01

Tot Ion: 91 Resp: 109554

Ion Ratio Lower Upper

91 100

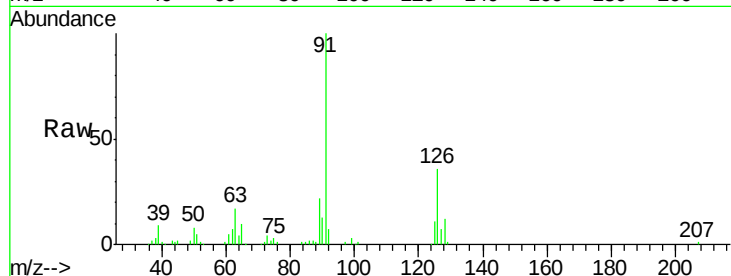
126 35.0 17.7 53.1

Manual Integrations

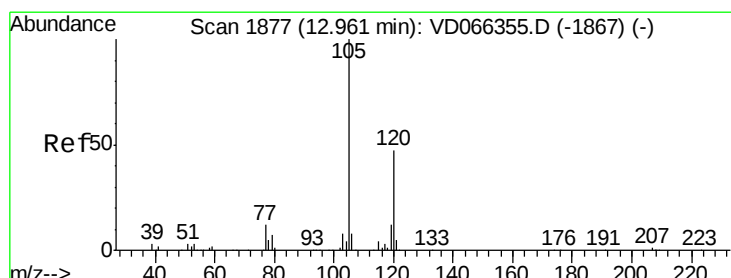
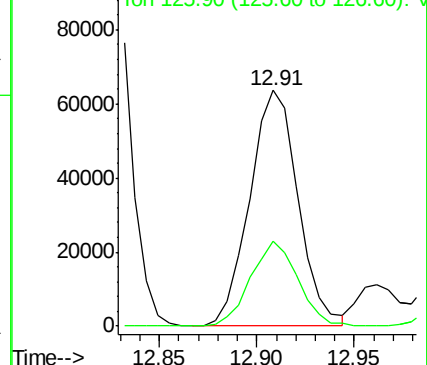
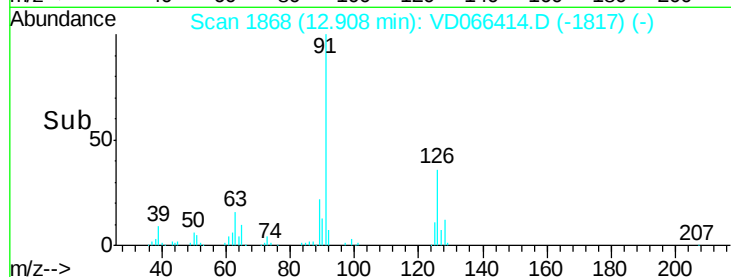
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Abundance Ion 91.00 (90.70 to 91.70): VD066414.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.263 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066414.D

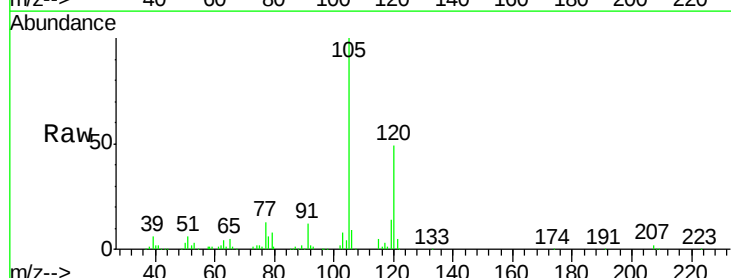
Acq: 26 Aug 2020 12:19

Tgt Ion:105 Resp: 144543

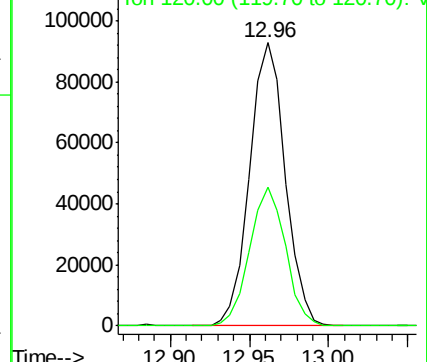
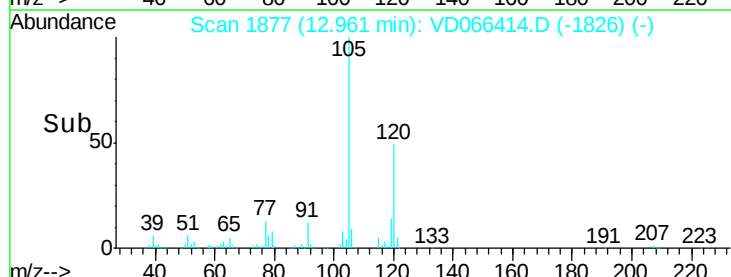
Ion Ratio Lower Upper

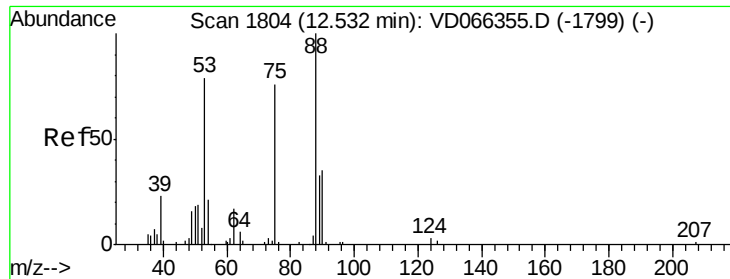
105 100

120 49.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066414.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.118 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

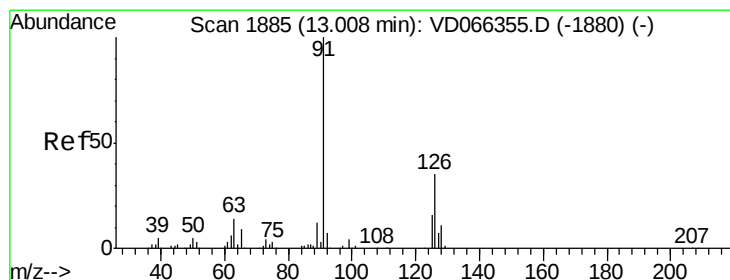
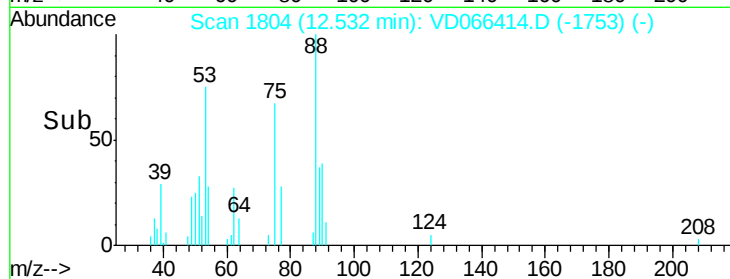
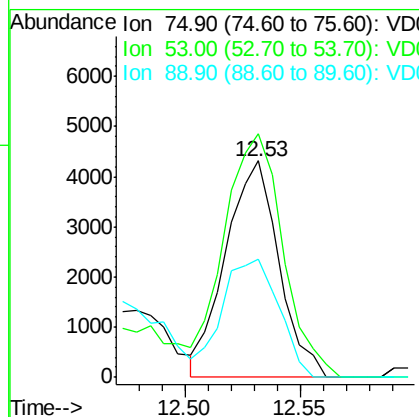
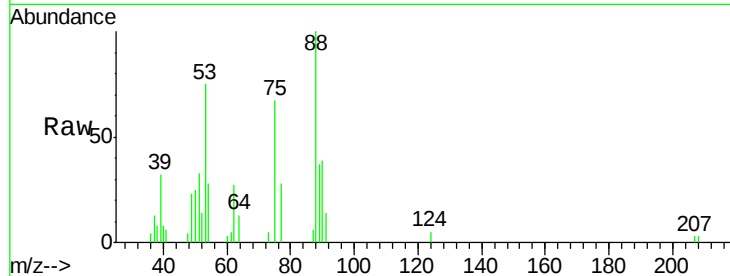
ClientSampleId :

VD0826SBSD01

Tot Ion:	75	Resp:	6930
Ion	Ratio	Lower	Upper
75	100		
53	124.5	87.4	131.2
89	58.4	39.4	59.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.604 ug/l

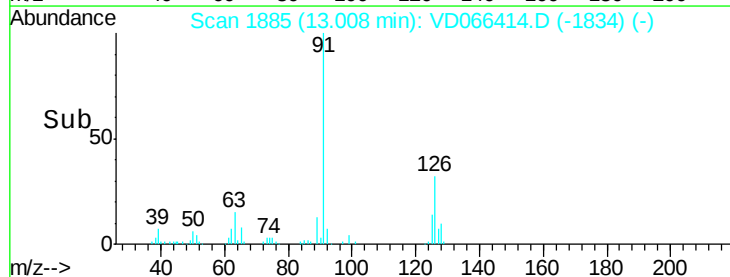
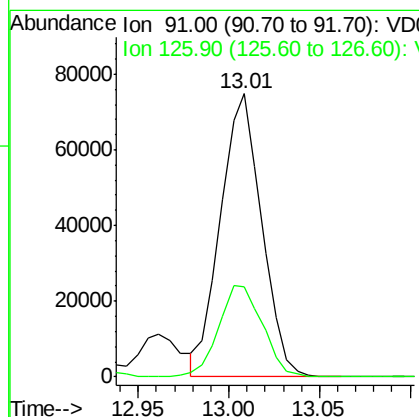
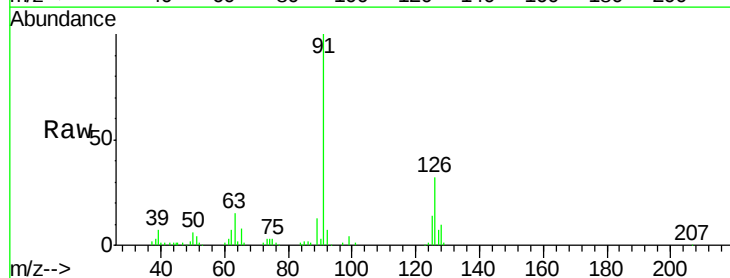
RT: 13.01 min Scan# 1885

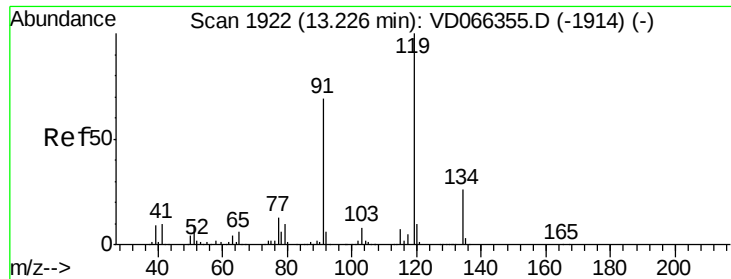
Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	91	Resp:	118206
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.4	52.2





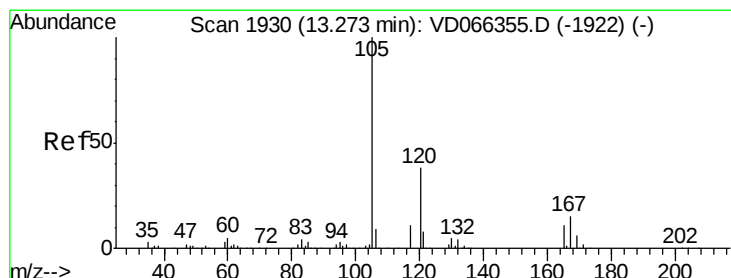
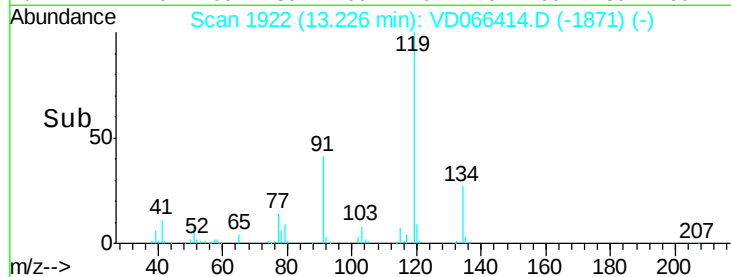
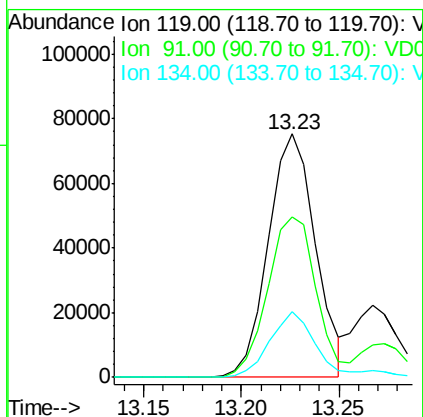
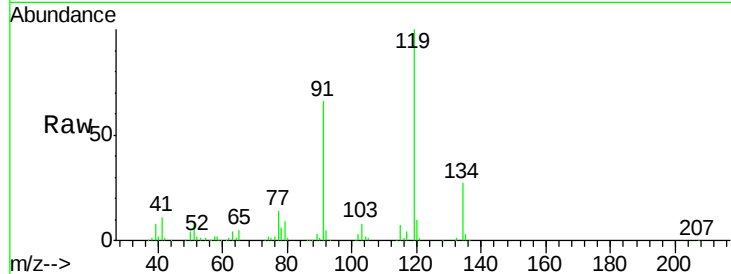
#83
 tert-Butylbenzene
 Concen: 19.363 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	126195		
91	68.2		33.5	100.5
134	27.4		13.5	40.4

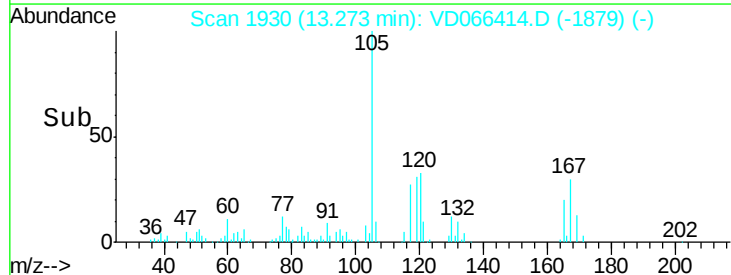
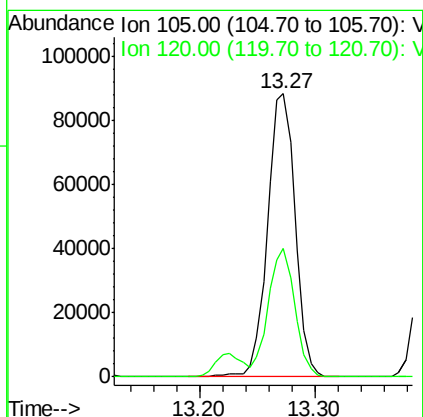
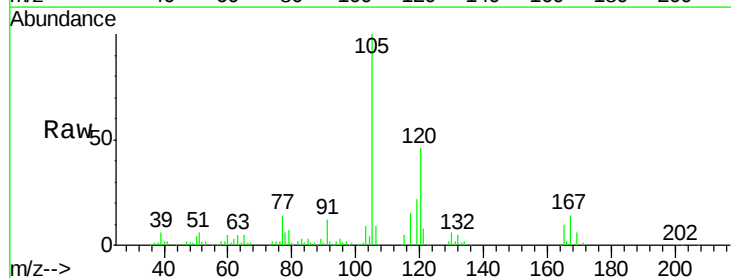
Manual Integrations
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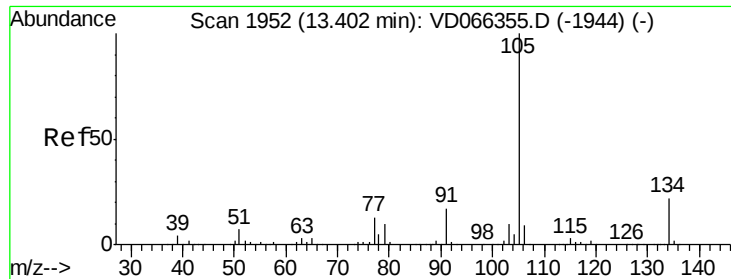
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.075 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147952		
120	43.7		22.6	67.7





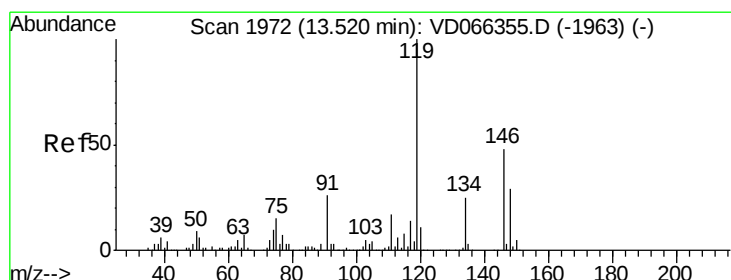
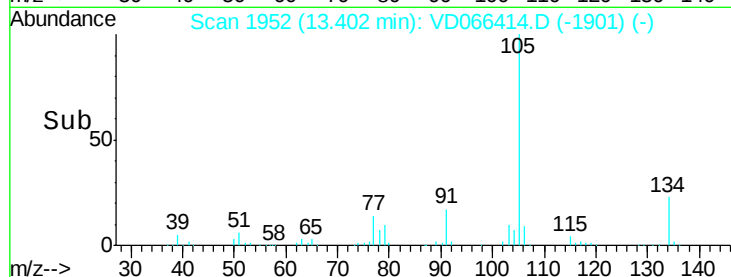
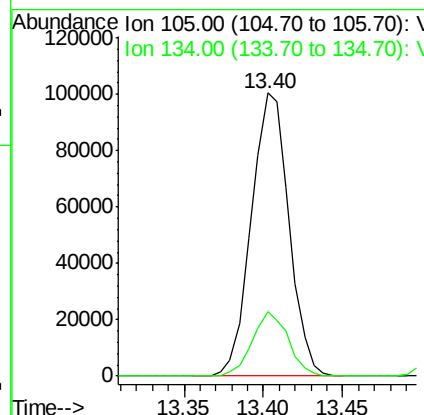
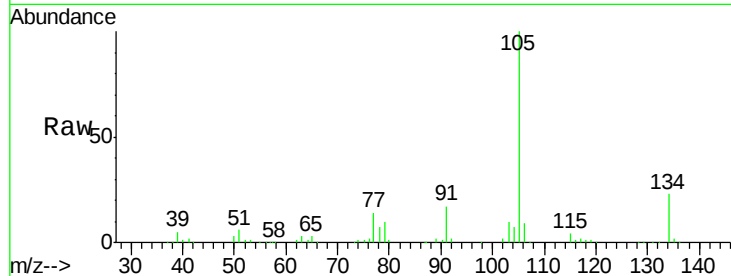
#85
 sec-Butylbenzene
 Concen: 19.402 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.8	32.4

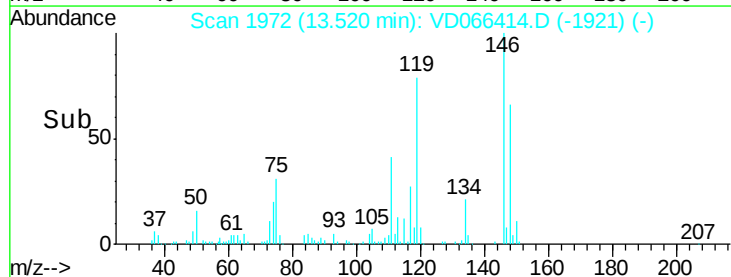
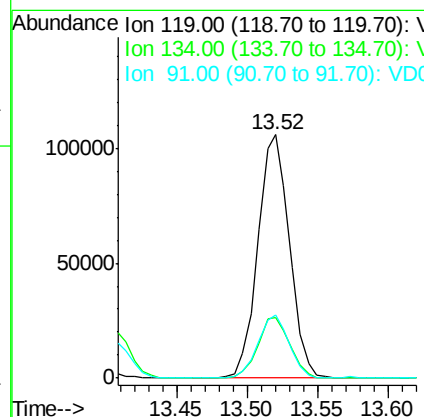
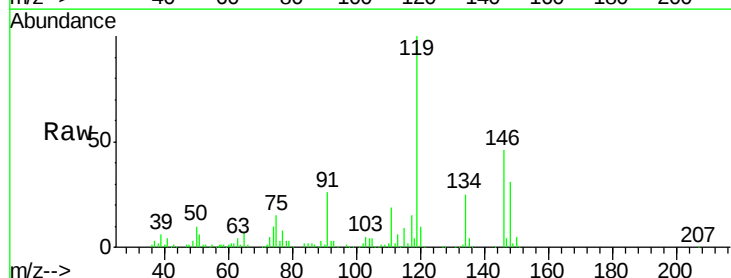
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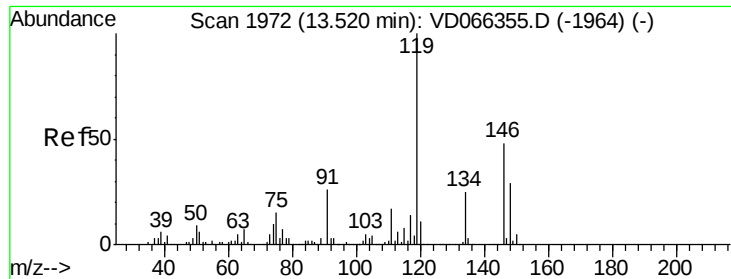
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#86
 p-Isopropyltoluene
 Concen: 20.226 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.8	38.3
91	25.6	12.7	38.0





#87

1,3-Dichlorobenzene

Concen: 19.888 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Instrument :

MSVOA_D

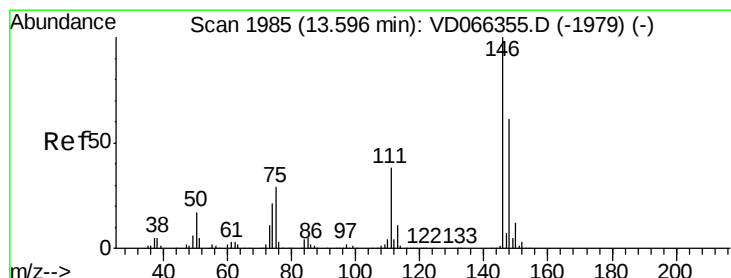
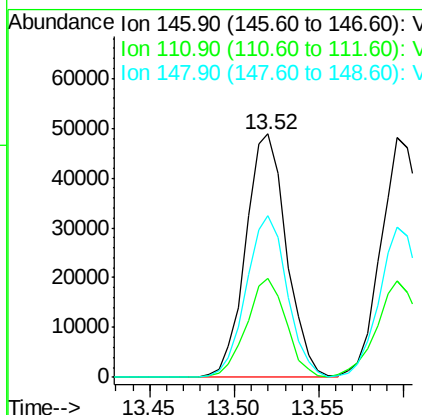
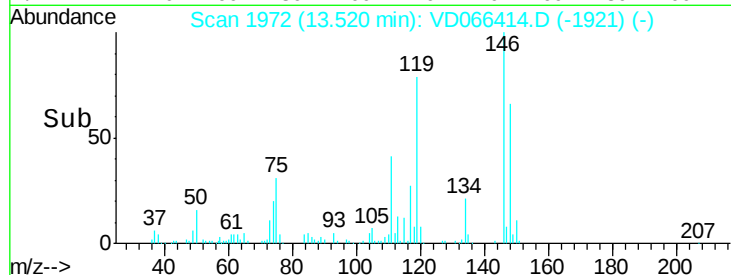
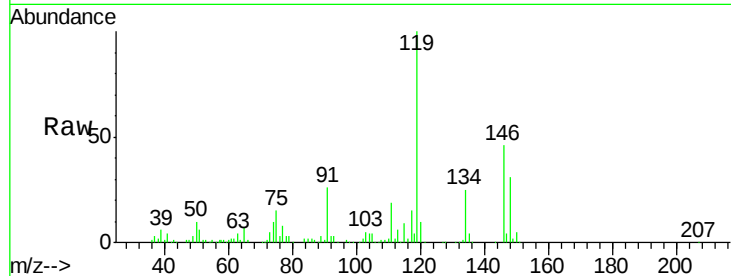
ClientSampleId :

VD0826SBS01

Tot Ion:	146	Resp:	81887
Ion Ratio	Lower	Upper	
146	100		
111	39.9	18.9	56.9
148	66.5	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.423 ug/l

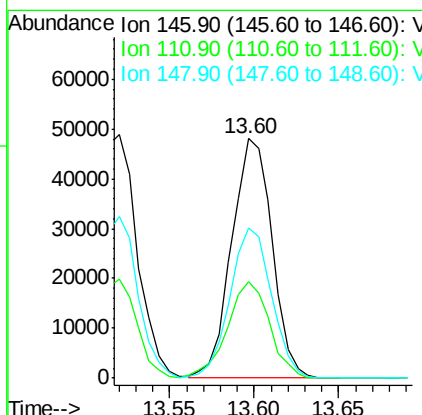
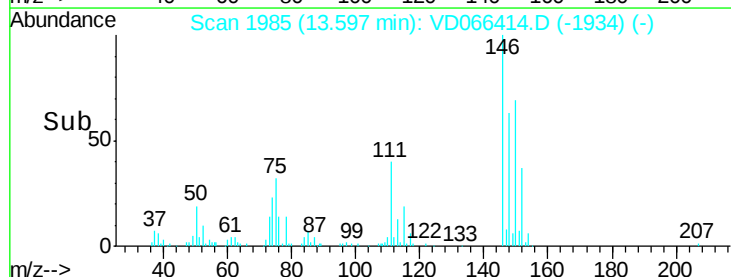
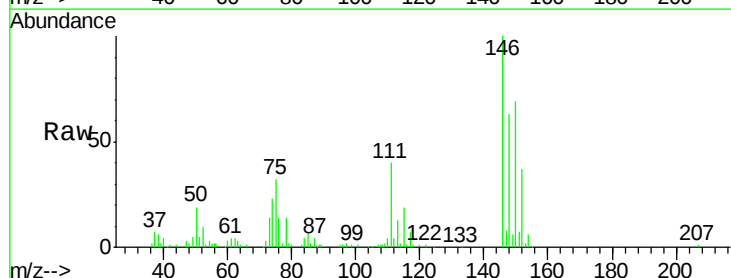
RT: 13.60 min Scan# 1985

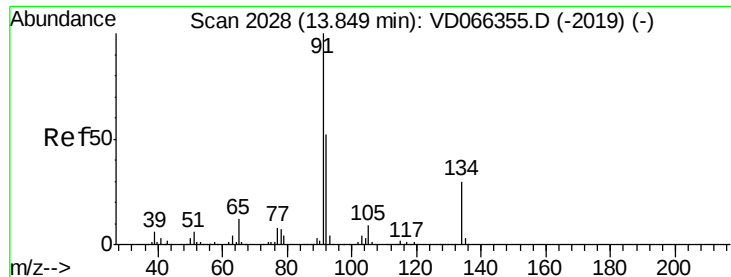
Delta R.T. 0.00 min

Lab File: VD066414.D

Acq: 26 Aug 2020 12:19

Tgt Ion:	146	Resp:	80299
Ion Ratio	Lower	Upper	
146	100		
111	41.9	19.1	57.5
148	64.4	32.1	96.3





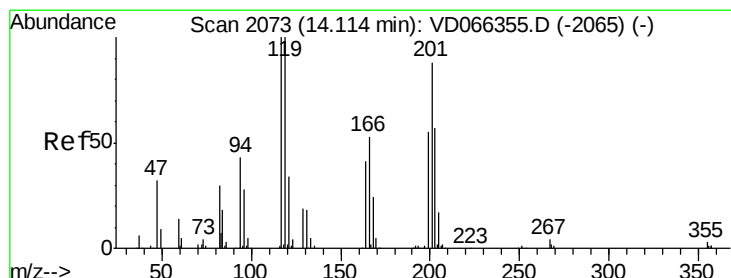
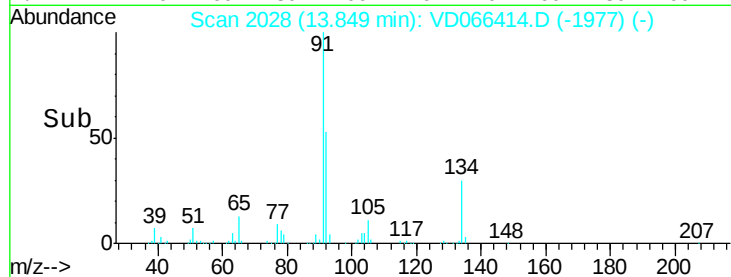
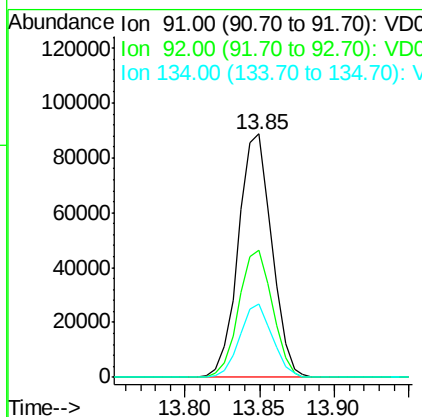
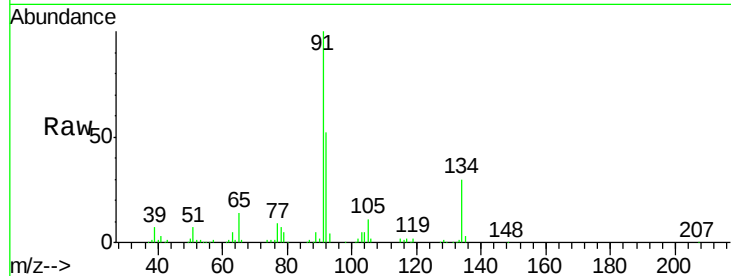
#89
n-Butylbenzene
Concen: 18.983 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	29.3	14.4	43.4

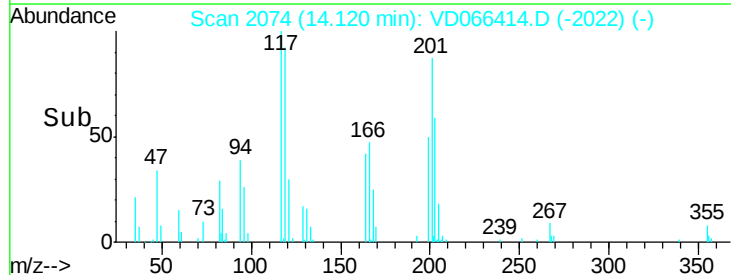
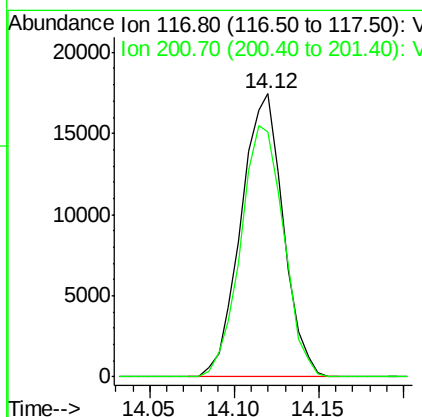
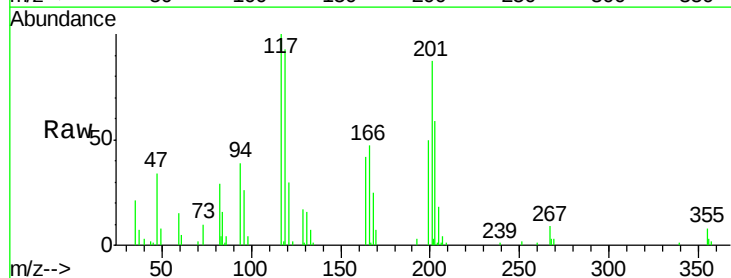
Manual Integrations
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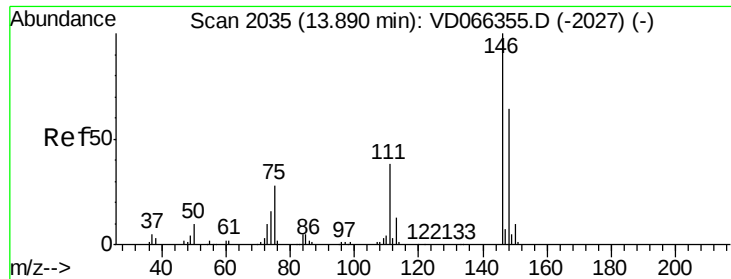
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#90
Hexachloroethane
Concen: 18.637 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	45.4	136.2





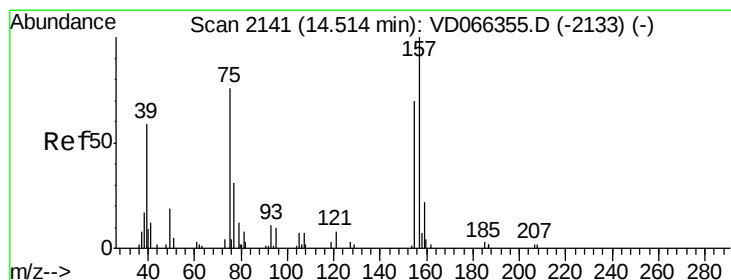
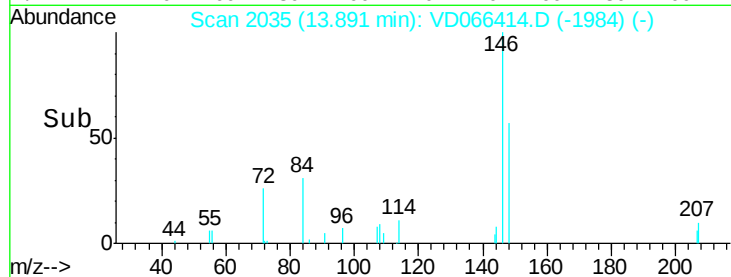
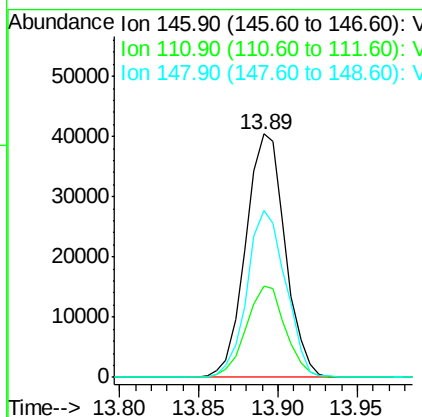
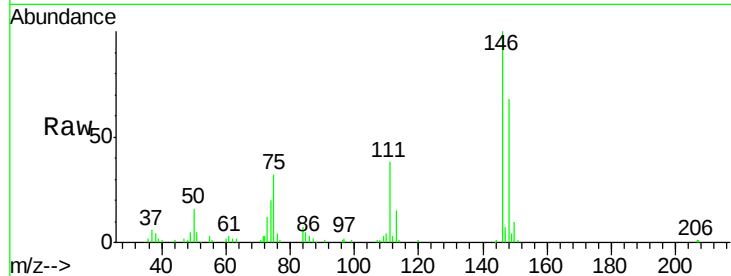
#91
 1,2-Dichlorobenzene
 Concen: 19.682 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.9	59.7
148	67.4	32.6	97.8

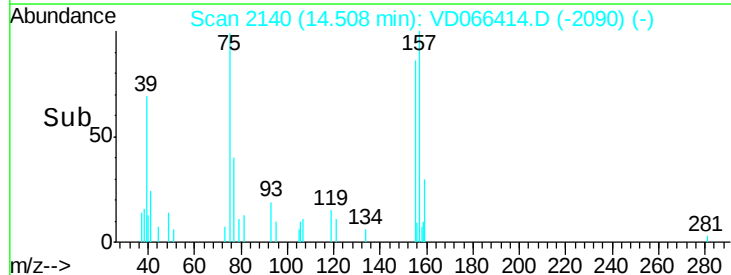
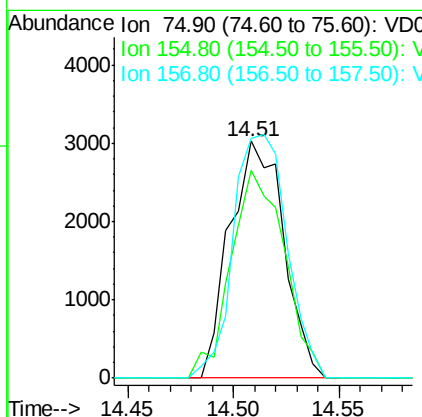
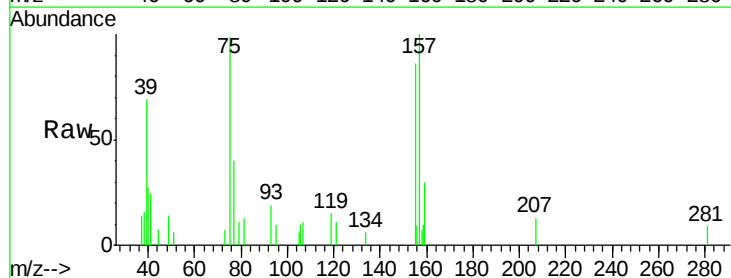
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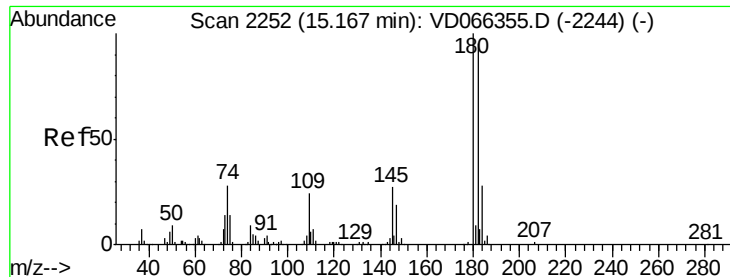
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.559 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	46.9	140.6
157	102.6	61.0	183.0





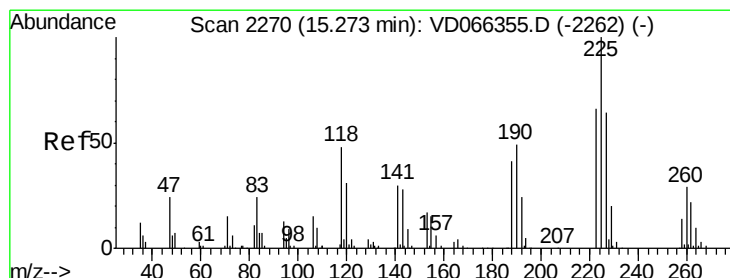
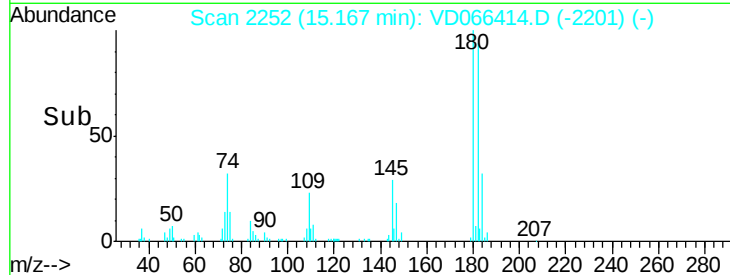
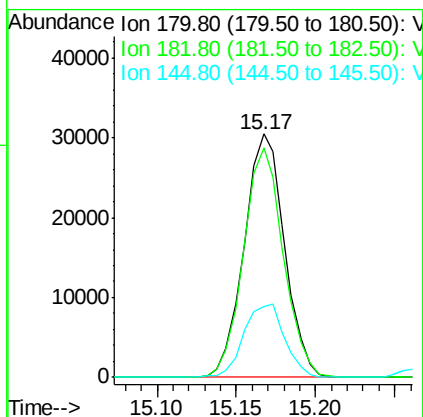
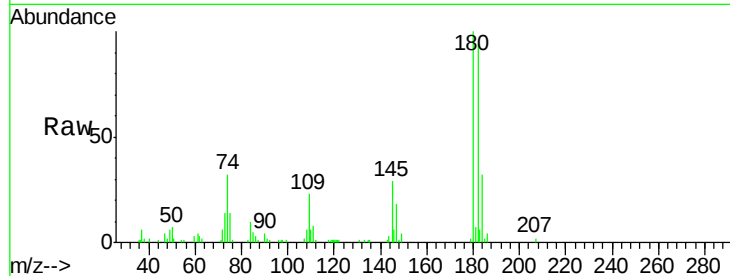
#93
 1,2,4-Trichlorobenzene
 Concen: 19.450 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Tot Ion:	180	Resp:	53820
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.0	144.0
145	30.6	15.2	45.6

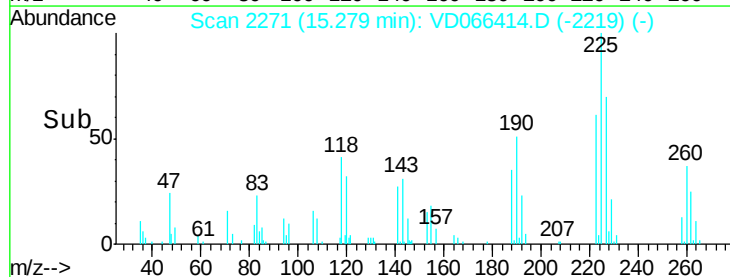
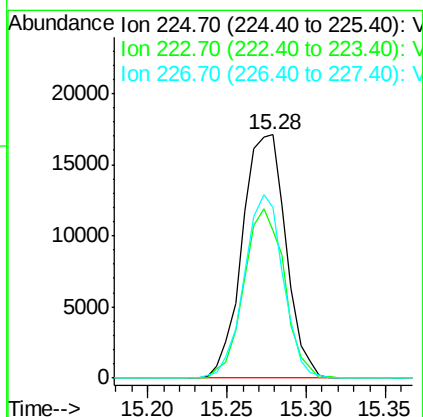
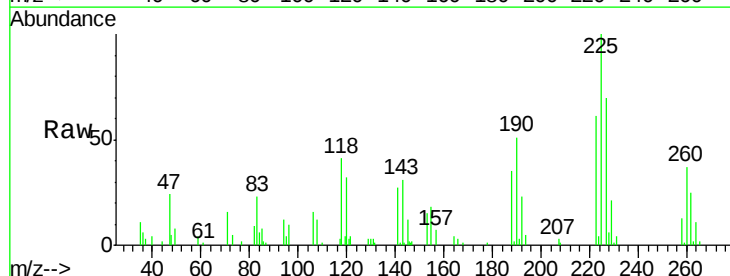
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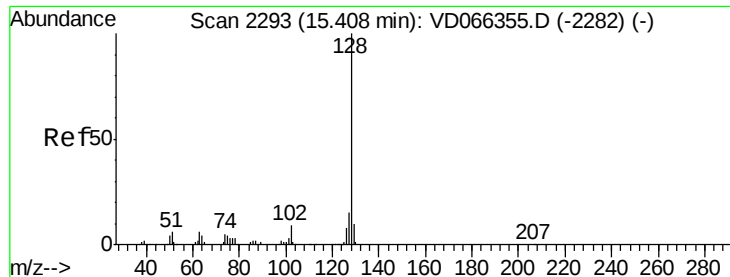
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#94
 Hexachlorobutadiene
 Concen: 19.041 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066414.D
 Acq: 26 Aug 2020 12:19

Tgt Ion:	225	Resp:	32743
Ion Ratio	Lower	Upper	
225	100		
223	64.6	32.5	97.4
227	67.3	33.0	98.9





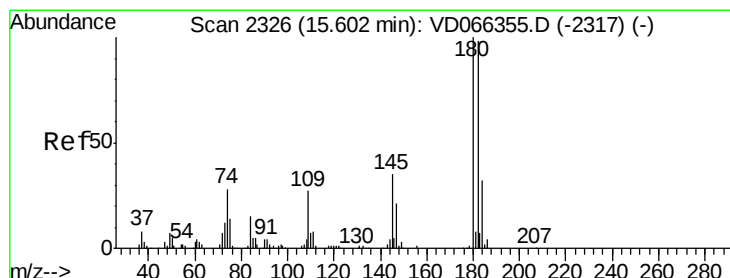
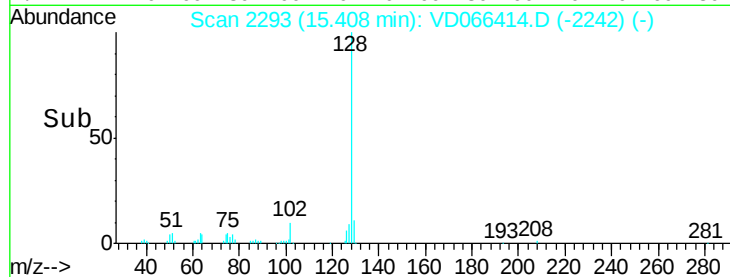
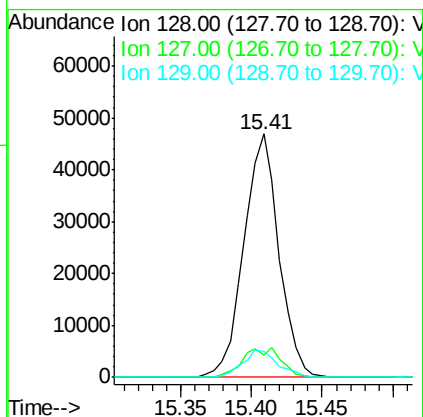
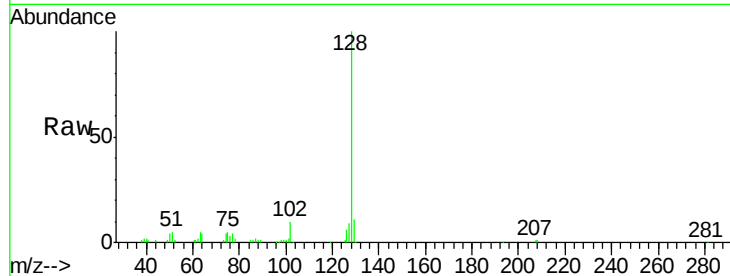
#95
Naphthalene
Concen: 18.712 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	11.3	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.544 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066414.D
Acq: 26 Aug 2020 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.7	140.0
145	33.2	16.0	48.0

