

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066805.D
 Acq On : 22 Sep 2020 12:11
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:04:59 PM

Quant Time: Sep 22 13:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 22 12:44:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	425337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	669652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201762	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.91	113	212447	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.34	98	748786	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.63	95	246639	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144901	41.239	ug/l	100
3) Chloromethane	2.21	50	175996	39.139	ug/l	100
4) Vinyl Chloride	2.35	62	181447	38.830	ug/l	100
5) Bromomethane	2.77	94	127809	38.659	ug/l	100
6) Chloroethane	2.92	64	112831	39.071	ug/l	100
7) Trichlorofluoromethane	3.27	101	371688	44.935	ug/l	100
8) Diethyl Ether	3.71	74	103340	49.412	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	215285	47.092	ug/l	100
10) Methyl Iodide	4.30	142	210098	49.174	ug/l	100
11) Tert butyl alcohol	5.21	59	65809	145.699	ug/l	100
12) 1,1-Dichloroethene	4.07	96	207964	49.047	ug/l	100
13) Acrolein	3.93	56	75685	238.395	ug/l	100
14) Allyl chloride	4.71	41	311004	46.334	ug/l	100
15) Acrylonitrile	5.43	53	230662	251.130	ug/l	100
16) Acetone	4.16	43	234676	252.082	ug/l	100
17) Carbon Disulfide	4.41	76	629098	47.591	ug/l	100
18) Methyl Acetate	4.71	43	103923	46.598	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	477227	50.675	ug/l	100
20) Methylene Chloride	4.97	84	248399	39.935	ug/l	100
21) trans-1,2-Dichloroethene	5.48	96	240406	48.833	ug/l	100
22) Diisopropyl ether	6.36	45	662443	48.480	ug/l	100
23) Vinyl Acetate	6.30	43	1802600	239.466	ug/l	100
24) 1,1-Dichloroethane	6.27	63	421016	48.142	ug/l	100
25) 2-Butanone	7.21	43	276251	233.118	ug/l	100
26) 2,2-Dichloropropane	7.21	77	370278	45.951	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	269271	50.009	ug/l	100
28) Bromochloromethane	7.55	49	181287	54.021	ug/l	100
29) Tetrahydrofuran	7.56	42	179842	247.372	ug/l	100
30) Chloroform	7.71	83	445276	47.912	ug/l	100
31) Cyclohexane	7.98	56	358209	45.340	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	406884	47.856	ug/l	100
36) 1,1-Dichloropropene	8.11	75	334623	48.781	ug/l	100
37) Ethyl Acetate	7.29	43	130948	50.474	ug/l	100
38) Carbon Tetrachloride	8.09	117	359533	49.235	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	396519	50.549	ug/l	100
40) Benzene	8.35	78	944719	50.639	ug/l	100
41) Methacrylonitrile	7.54	41	76176m	54.339	ug/l	
42) 1,2-Dichloroethane	8.42	62	274027	47.871	ug/l	100
43) Isopropyl Acetate	8.45	43	244616	49.981	ug/l	100
44) Trichloroethene	9.11	130	261886	52.077	ug/l	100
45) 1,2-Dichloropropane	9.38	63	238077	51.403	ug/l	100
46) Dibromomethane	9.47	93	133294	52.256	ug/l	100
47) Bromodichloromethane	9.66	83	343715	49.840	ug/l	100
48) Methyl methacrylate	9.45	41	119254	48.690	ug/l	100
49) 1,4-Dioxane	9.46	88	30804	1125.347	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	637937	253.378	ug/l	100
52) Toluene	10.40	92	616288	51.547	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	309229	50.368	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	370838	50.847	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	175111	51.817	ug/l	100
56) Ethyl methacrylate	10.66	69	206827	54.640	ug/l	100
57) 1,3-Dichloropropane	10.94	76	295544	50.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	434752	257.979	ug/l	100
59) 2-Hexanone	10.98	43	441528	260.963	ug/l	100
60) Dibromochloromethane	11.14	129	231018	52.781	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168231	52.181	ug/l	100
64) Tetrachloroethene	10.87	164	213091	50.832	ug/l	100
65) Chlorobenzene	11.67	112	628884	49.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	242121	51.667	ug/l	100
67) Ethyl Benzene	11.74	91	1157919	50.910	ug/l	100
68) m/p-Xylenes	11.85	106	876383	101.675	ug/l	100
69) o-Xylene	12.18	106	400618	52.437	ug/l	100
70) Styrene	12.20	104	704687	52.535	ug/l	100
71) Bromoform	12.36	173	125138	53.041	ug/l	100
73) Isopropylbenzene	12.48	105	1096613	51.752	ug/l	100
74) N-amyl acetate	12.29	43	221696	49.806	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	183121	50.299	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	120303m	49.044	ug/l	
77) Bromobenzene	12.76	156	250820	50.870	ug/l	100
78) n-propylbenzene	12.82	91	1306369	50.695	ug/l	100
79) 2-Chlorotoluene	12.91	91	720838	49.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	917003	51.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52392	46.968	ug/l	100
82) 4-Chlorotoluene	13.01	91	768318	49.744	ug/l	100
83) tert-Butylbenzene	13.23	119	757349	51.240	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	910991	50.925	ug/l	100
85) sec-Butylbenzene	13.40	105	1078653	51.011	ug/l	100
86) p-Isopropyltoluene	13.52	119	986549	51.353	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	481896	51.159	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	469627	50.021	ug/l	100
89) n-Butylbenzene	13.84	91	931021	51.160	ug/l	100
90) Hexachloroethane	14.11	117	189038	48.121	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	410112	50.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29225	50.182	ug/l	100

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QLast Update : Tue Sep 22 12:44:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264712	54.148	ug/l	100
94) Hexachlorobutadiene	15.27	225	157026	53.235	ug/l	100
95) Naphthalene	15.41	128	493426	57.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	236608	54.960	ug/l	100

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

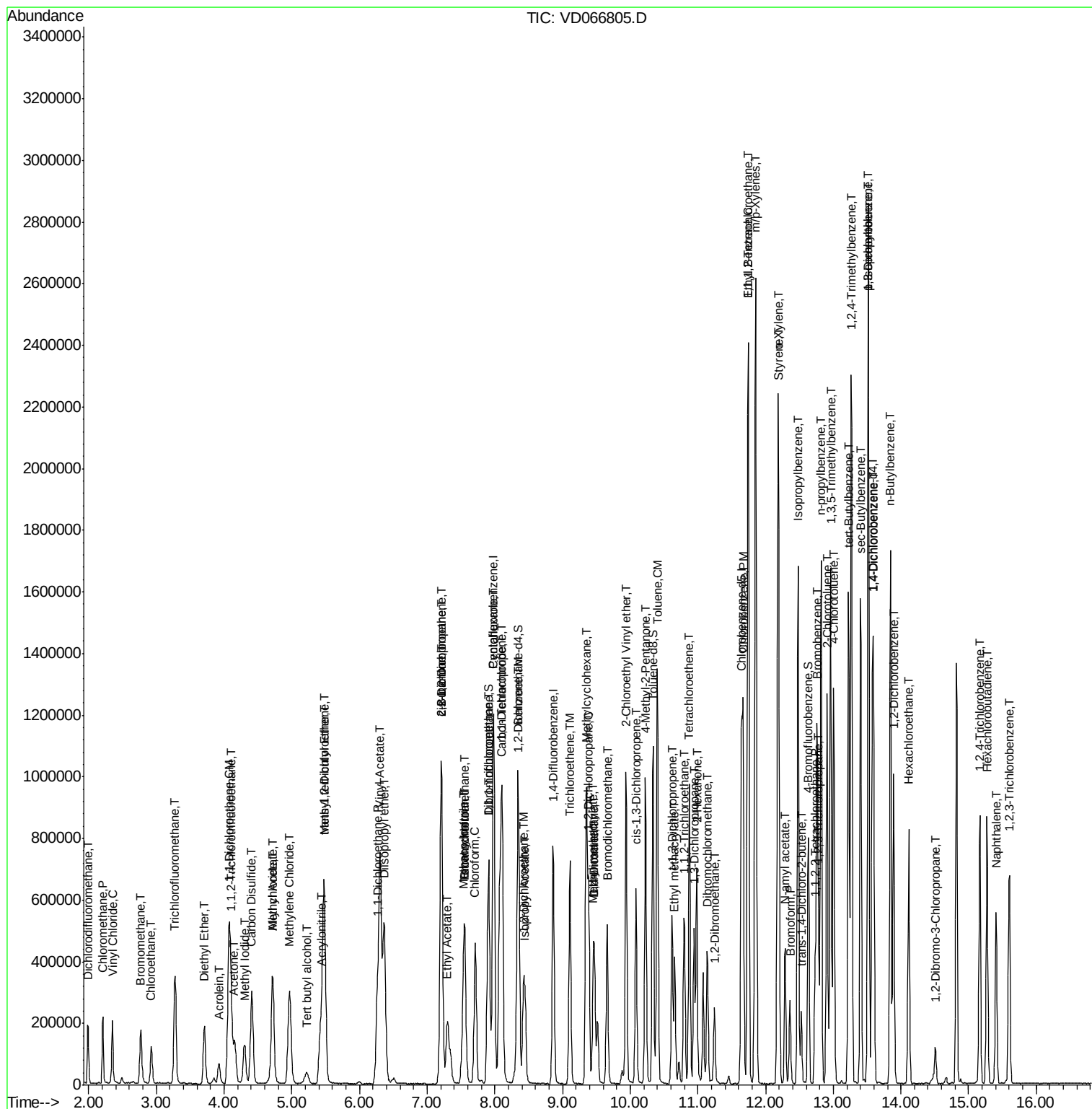
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092220\
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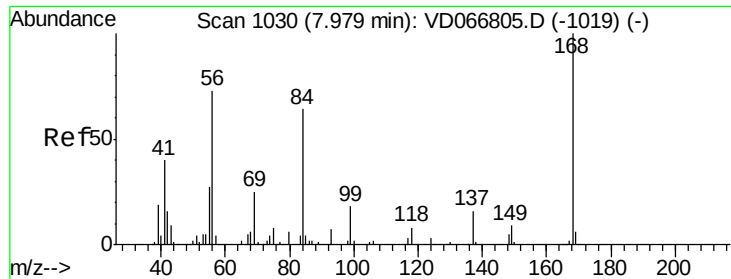
Instrument :
 MSVOA_D
 Client Sampled :
 VSTDICCC050

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 425337

Ion Ratio Lower Upper

168 100

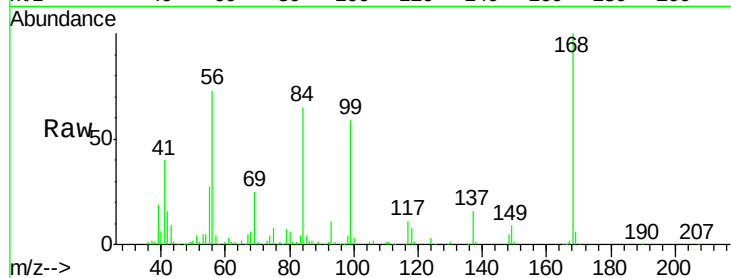
99 58.2 46.6 69.8

Manual Integrations

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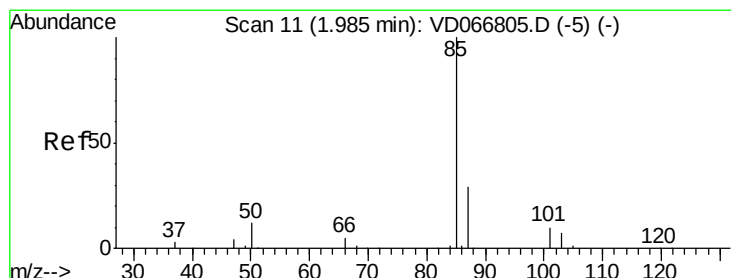
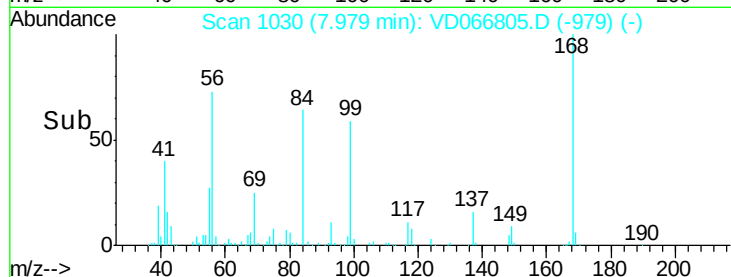
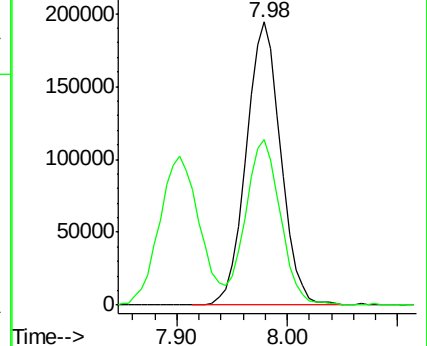
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 41.239 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066805.D

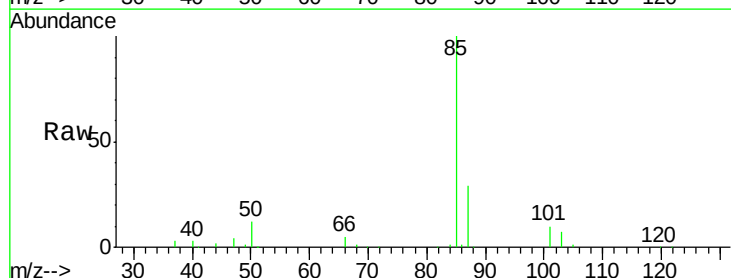
Acq: 22 Sep 2020 12:11

Tgt Ion: 85 Resp: 144901

Ion Ratio Lower Upper

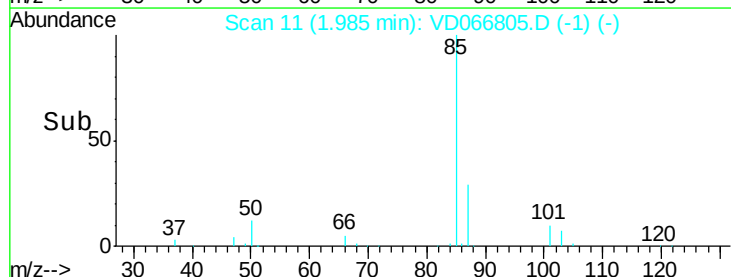
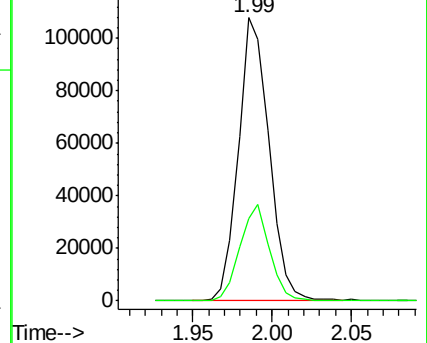
85 100

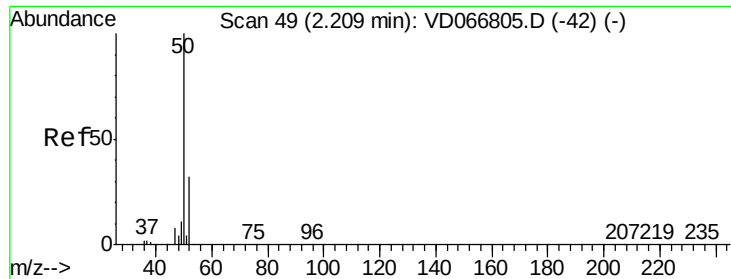
87 29.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.139 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 175996

Ion Ratio Lower Upper

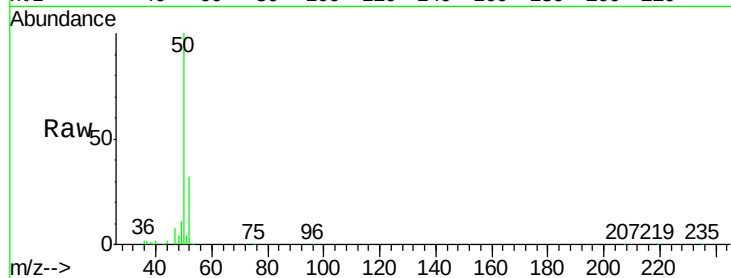
50 100

52 31.9 25.5 38.3

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

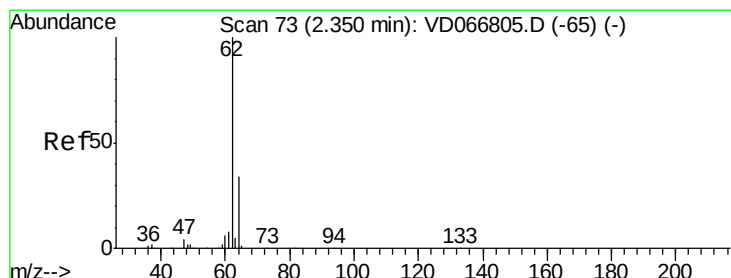
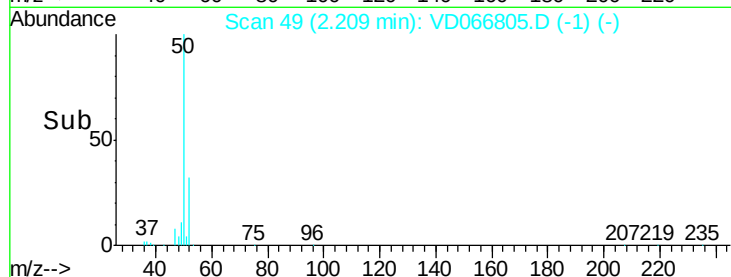
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 38.830 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066805.D

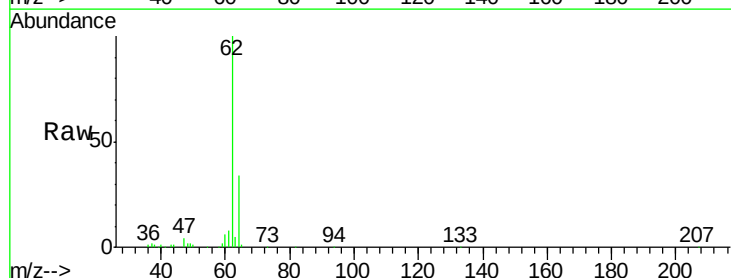
Acq: 22 Sep 2020 12:11

Tgt Ion: 62 Resp: 181447

Ion Ratio Lower Upper

62 100

64 33.7 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

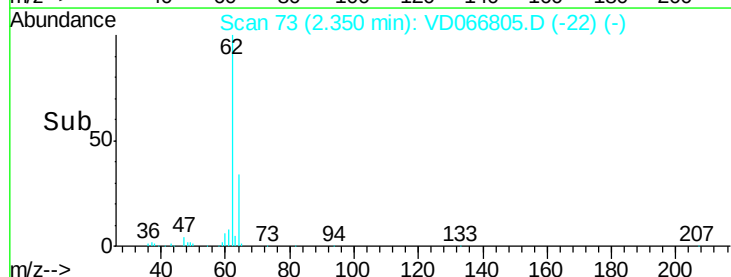
2.35

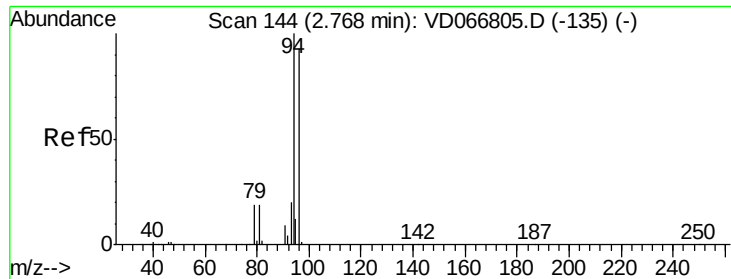
100000

50000

0

Time-->





#5

Bromomethane

Concen: 38.659 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 127809

Ion Ratio Lower Upper

94 100

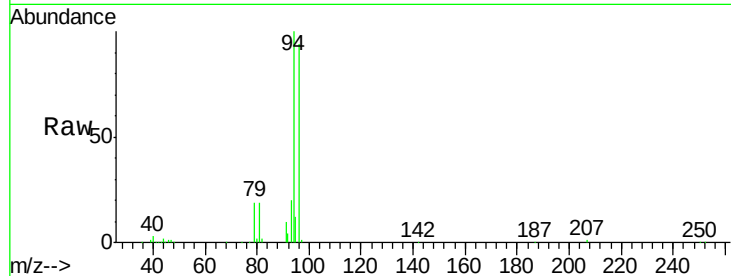
96 92.9 74.3 111.5

Manual Integrations

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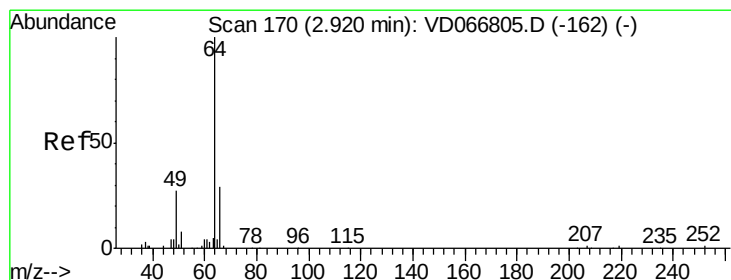
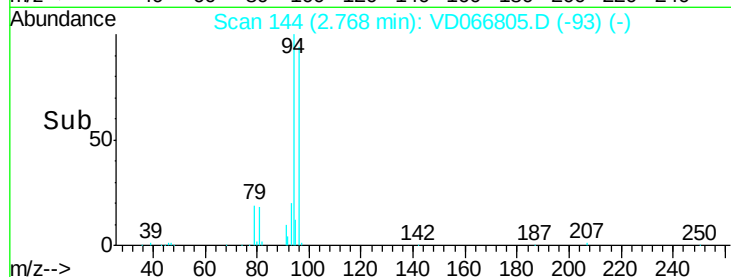
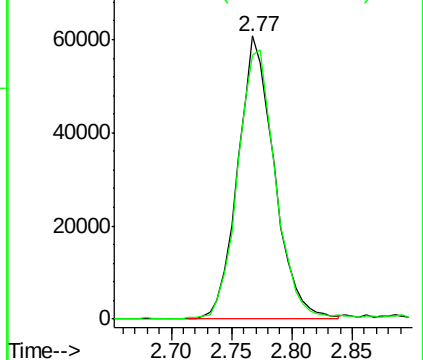
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 39.071 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066805.D

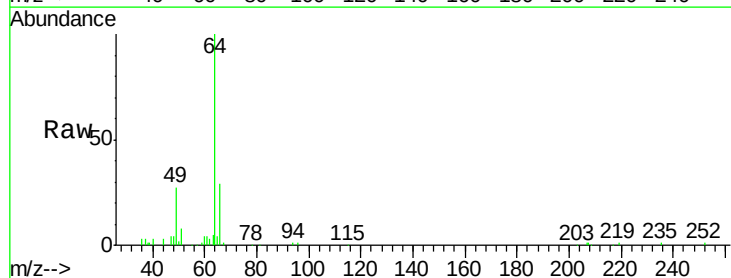
Acq: 22 Sep 2020 12:11

Tgt Ion: 64 Resp: 112831

Ion Ratio Lower Upper

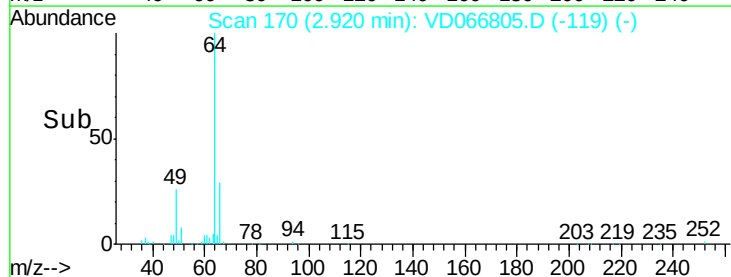
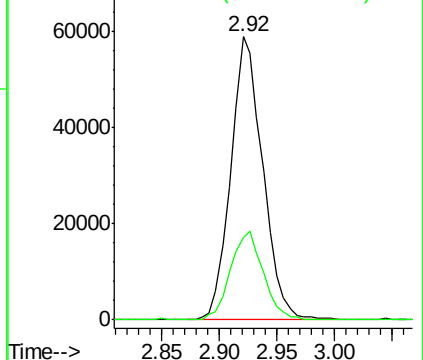
64 100

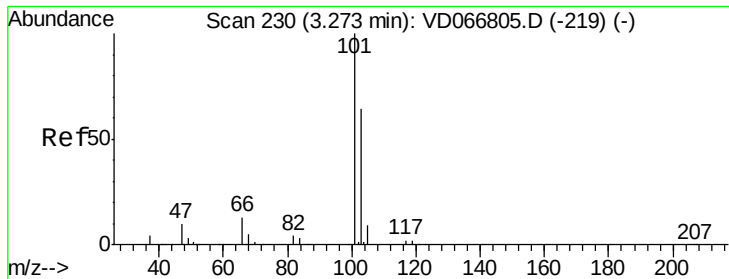
66 29.1 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

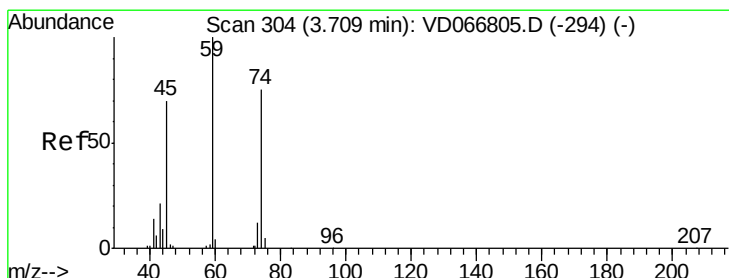
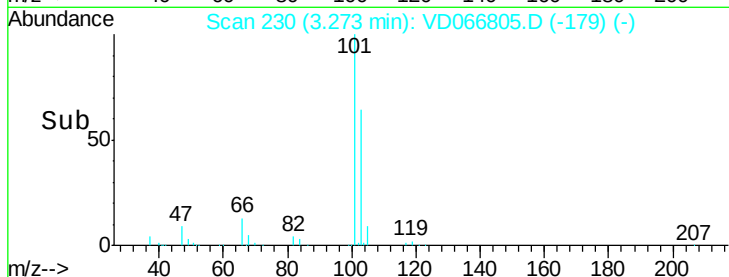
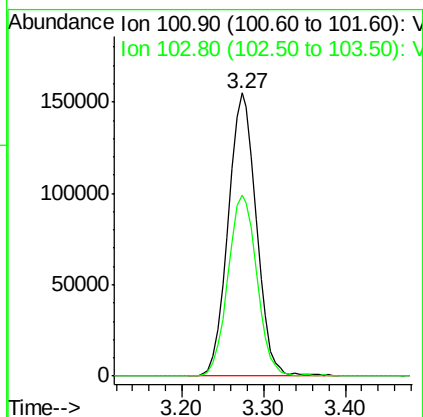
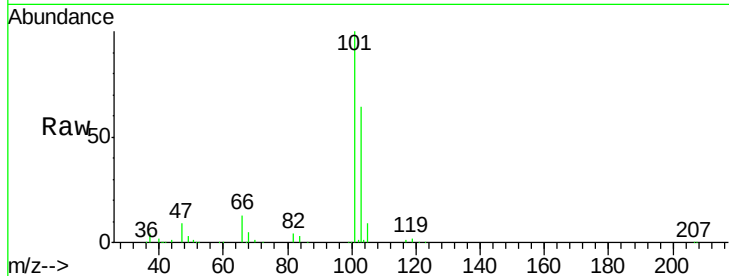
Trichlorofluoromethane
 Concen: 44.935 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	371688		
103	63.8	51.0	76.6	

Manual Integrations
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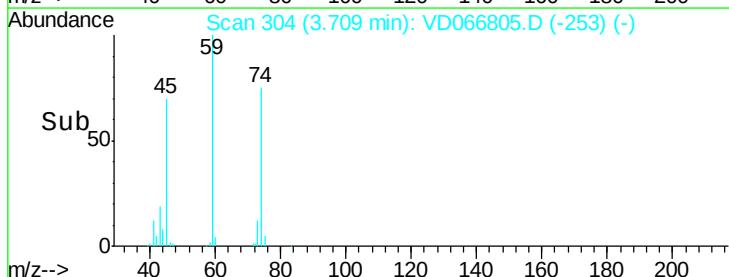
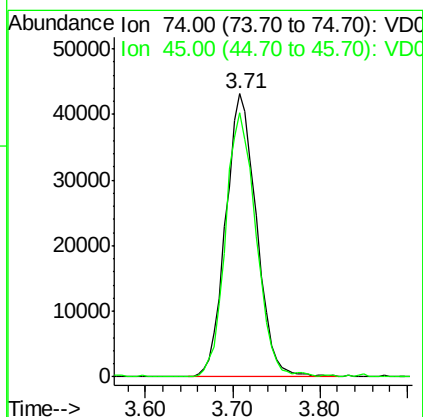
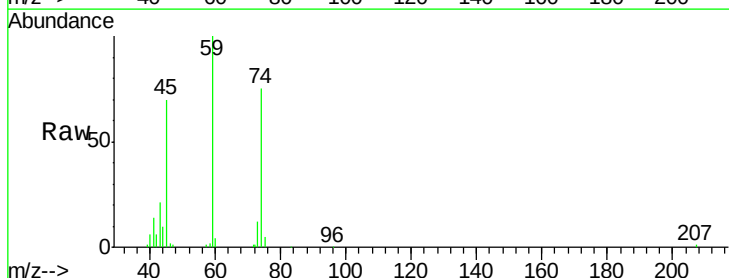
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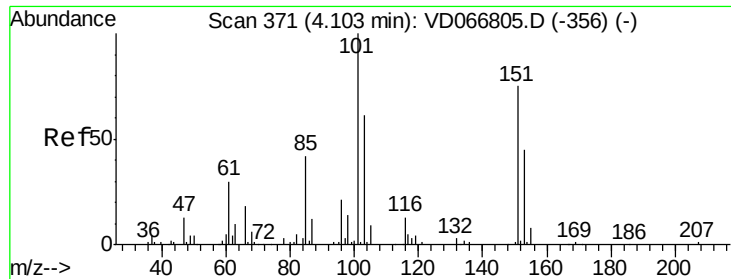


#8

Diethyl Ether
 Concen: 49.412 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	103340		
45	92.0	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.092 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

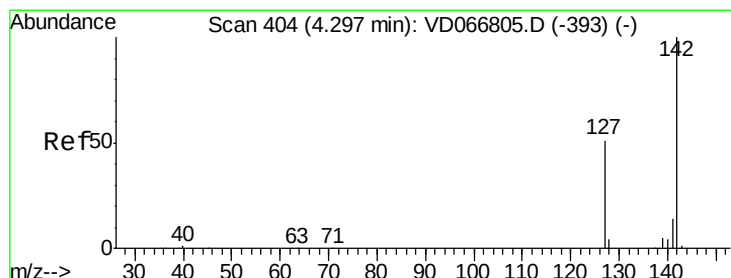
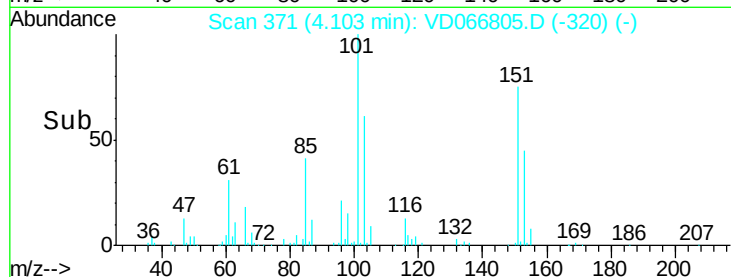
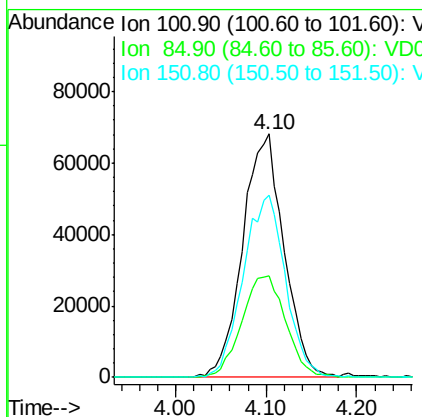
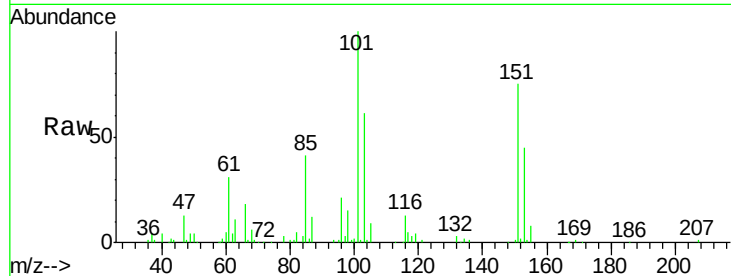
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	215285
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.4	53.2
151	76.7	61.4	92.0

Manual Integrations
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MMDadoda
9/23/2020 1:04:59 PM



#10

Methyl Iodide

Concen: 49.174 ug/l

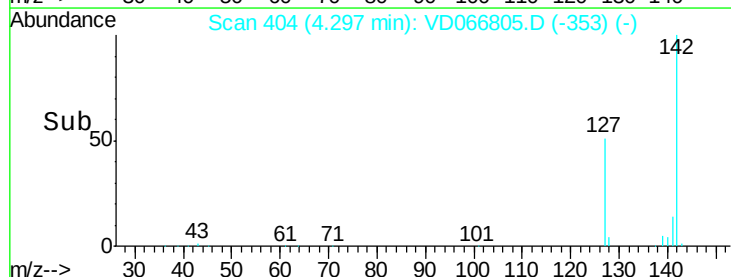
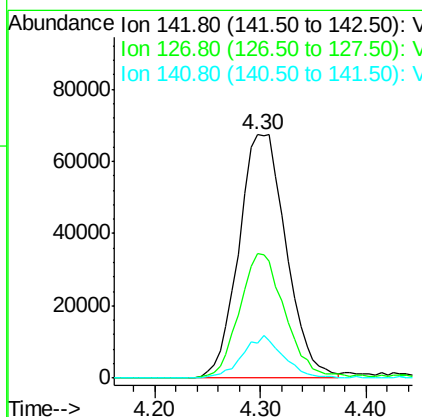
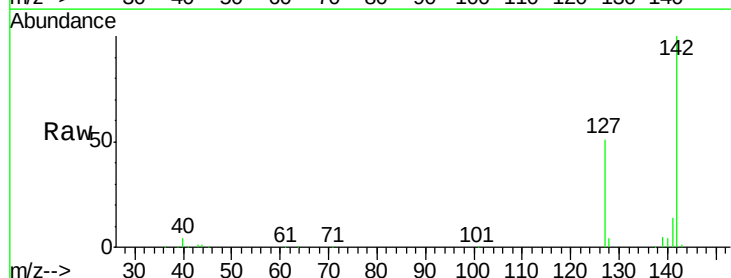
RT: 4.30 min Scan# 404

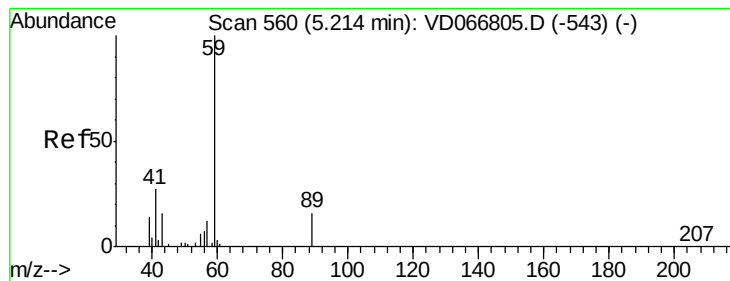
Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	142	Resp:	210098
Ion Ratio	Lower	Upper	
142	100		
127	49.2	39.4	59.0
141	15.1	12.1	18.1





#11

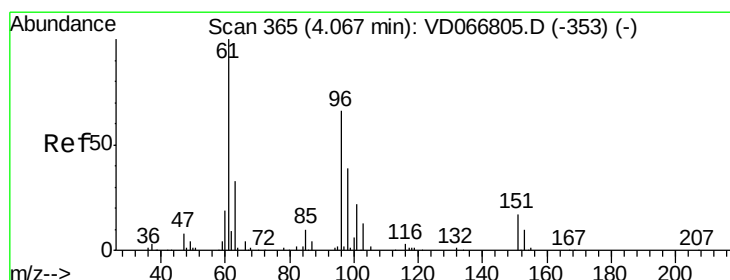
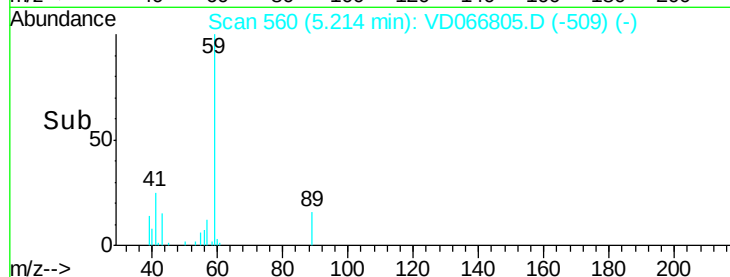
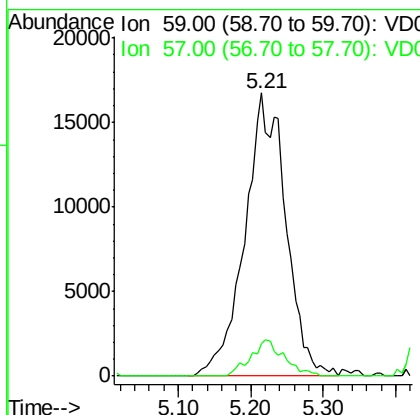
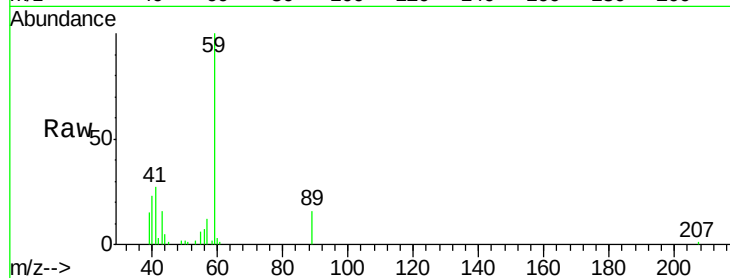
Tert butyl alcohol
 Concen: 145.699 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	65809		
57	57	10.4		8.3	12.5

Manual Integrations
 APPROVED

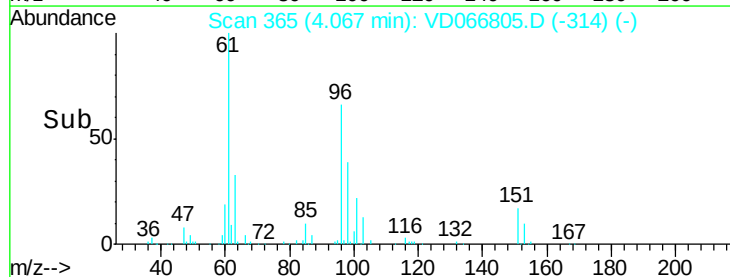
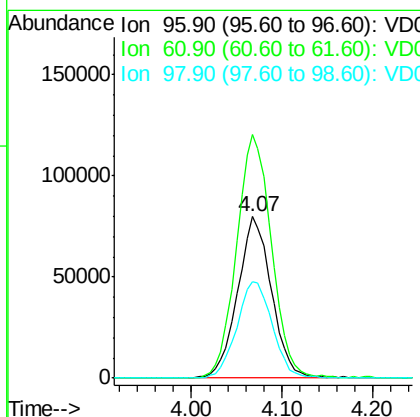
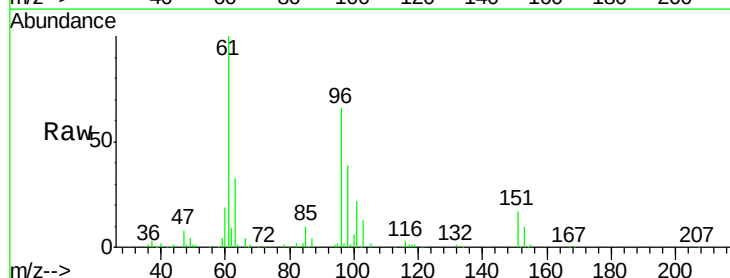
MMDadoda
 9/23/2020 1:04:59 PM

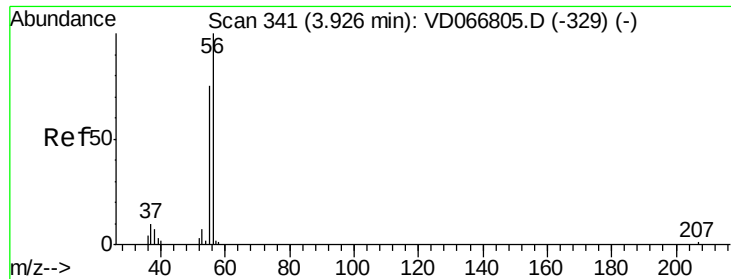


#12

1,1-Dichloroethene
 Concen: 49.047 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	207964		
61	61	151.0		120.8	181.2
98	98	59.6		47.7	71.5





#13

Acrolein

Concen: 238.395 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 75685

Ion Ratio Lower Upper

56 100

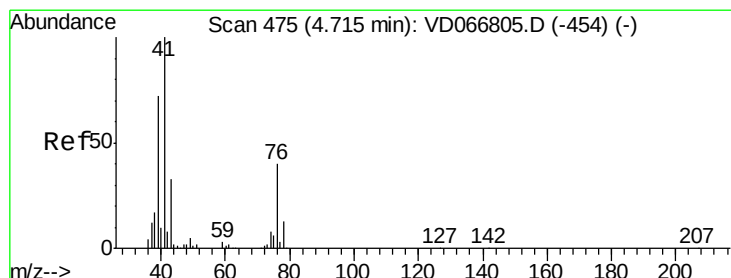
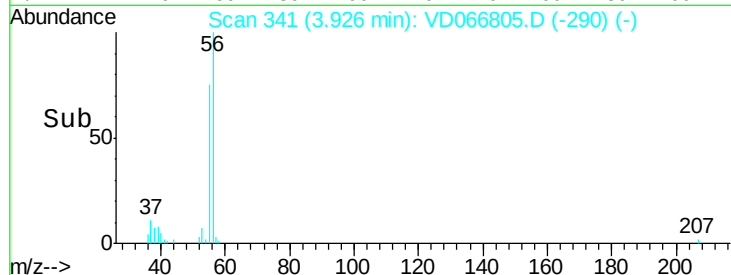
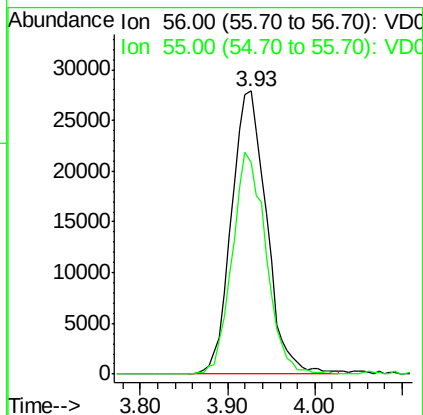
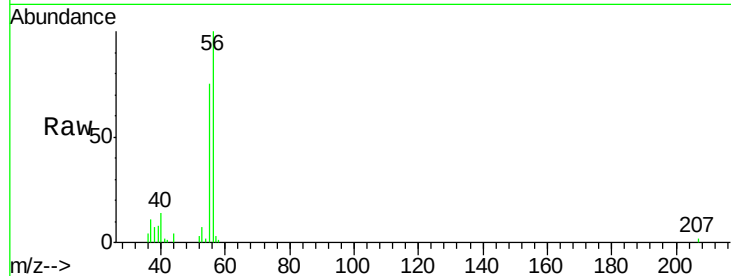
55 75.4 60.3 90.5

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:04:59 PM



#14

Allyl chloride

Concen: 46.334 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

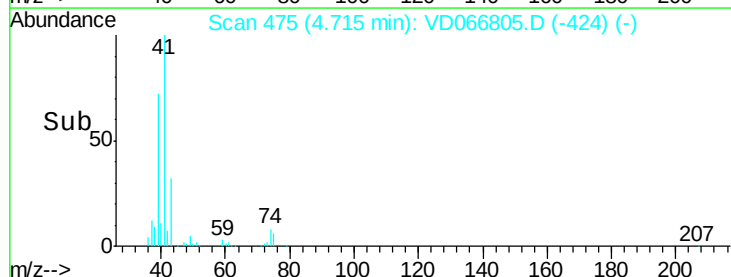
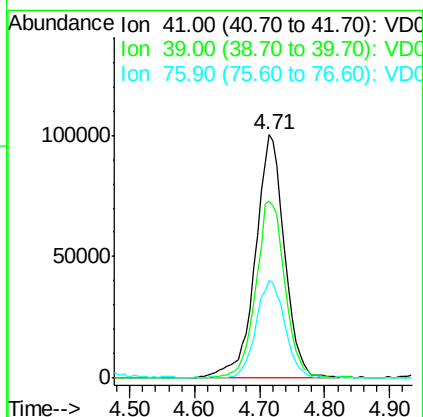
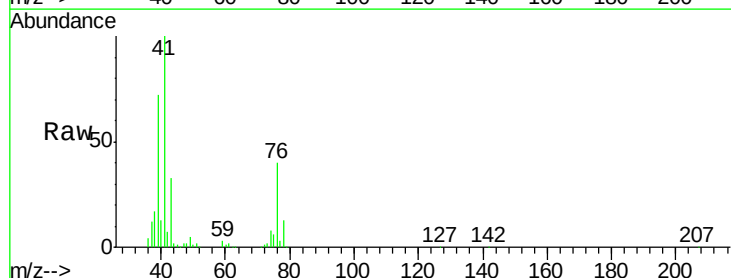
Tgt Ion: 41 Resp: 311004

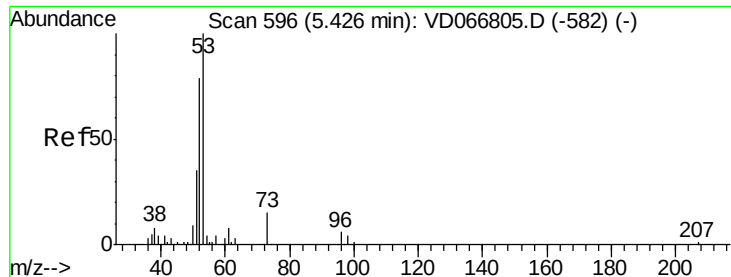
Ion Ratio Lower Upper

41 100

39 72.3 57.8 86.8

76 38.6 30.9 46.3





#15

Acrylonitrile

Concen: 251.130 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

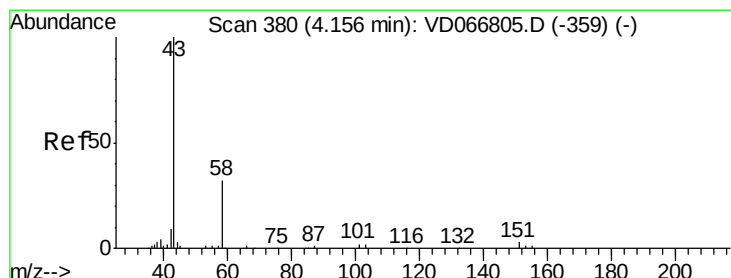
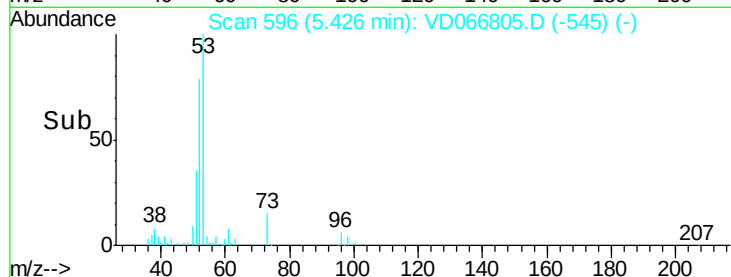
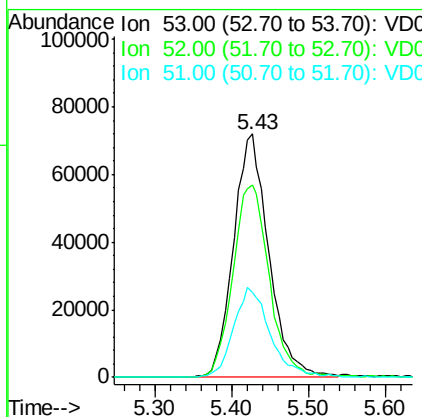
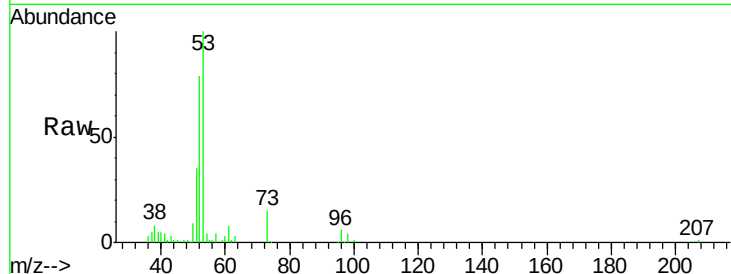
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	230662
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.2	97.8
51	38.3	30.6	46.0

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:04:59 PM



#16

Acetone

Concen: 252.082 ug/l

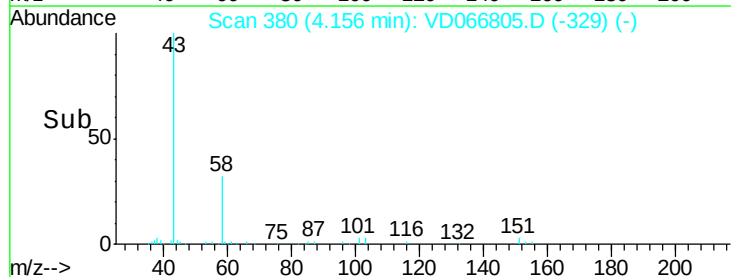
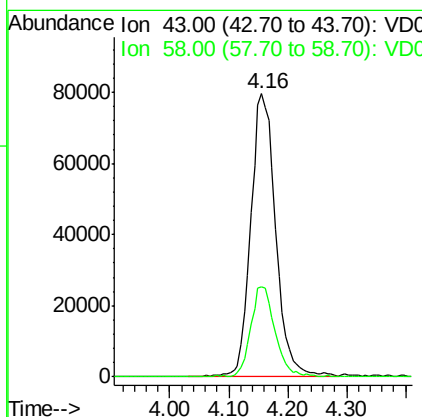
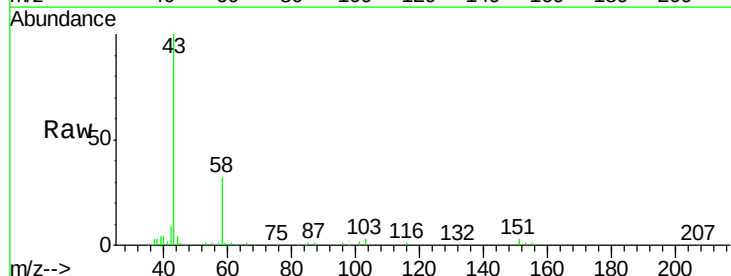
RT: 4.16 min Scan# 380

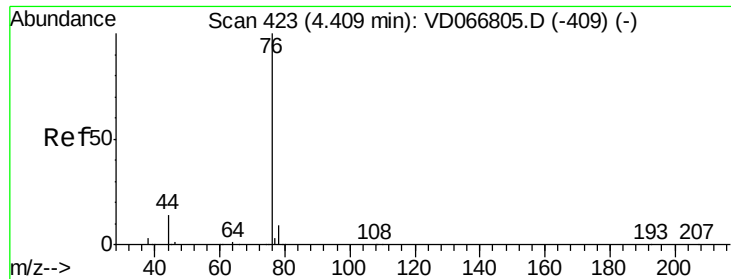
Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	43	Resp:	234676
Ion Ratio	Lower	Upper	
43	100		
58	32.0	25.6	38.4





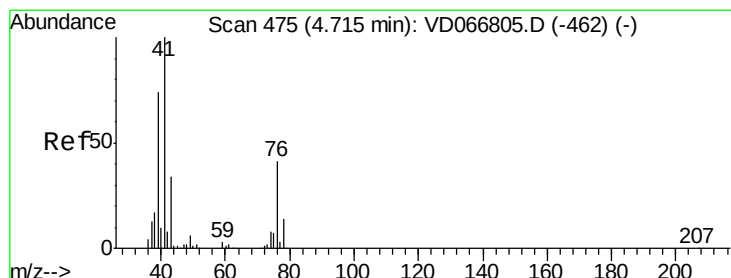
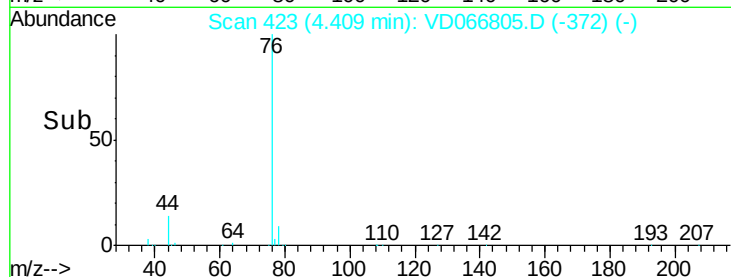
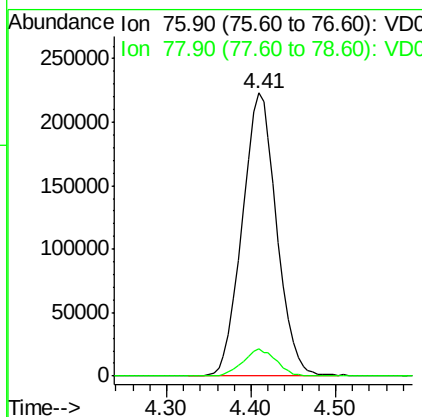
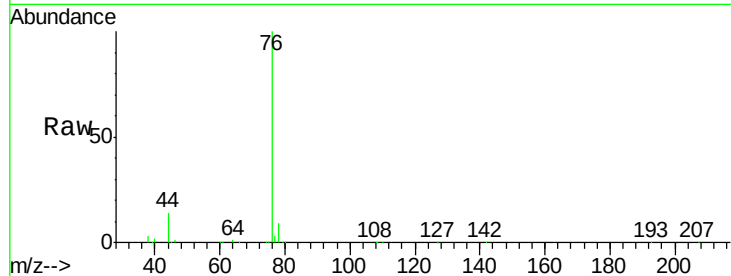
#17
Carbon Disulfide
Concen: 47.591 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4

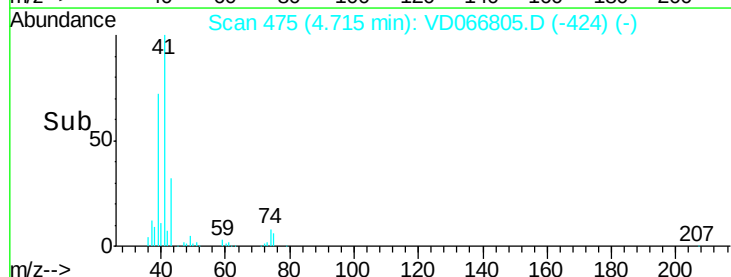
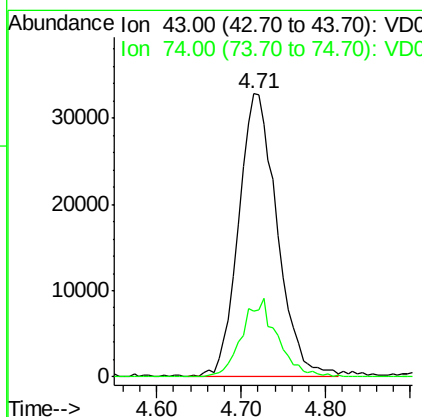
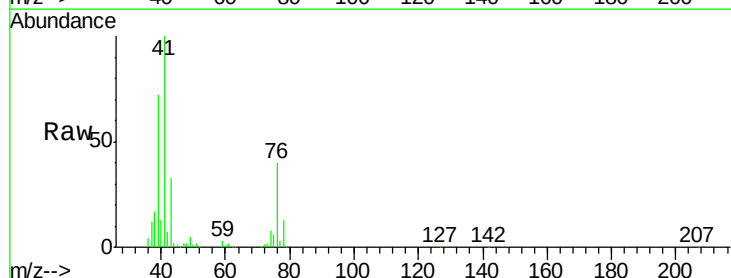
Manual Integrations
APPROVED

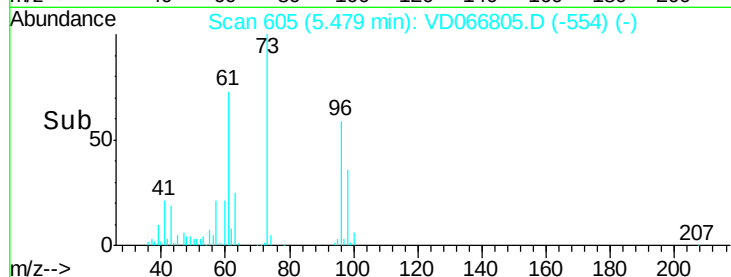
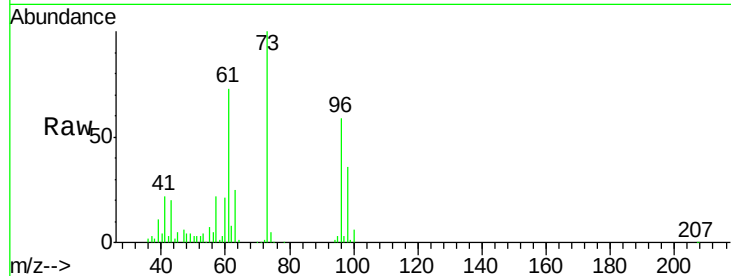
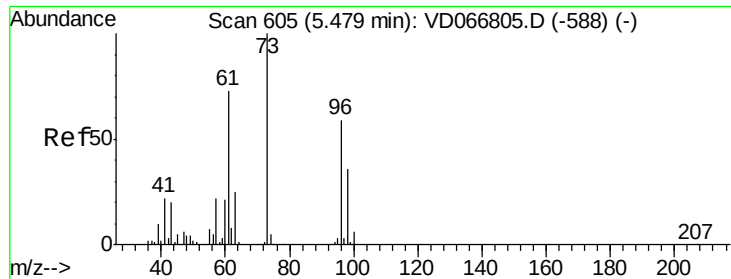
MMDadoda
9/23/2020 1:04:59 PM



#18
Methyl Acetate
Concen: 46.598 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.3	30.5





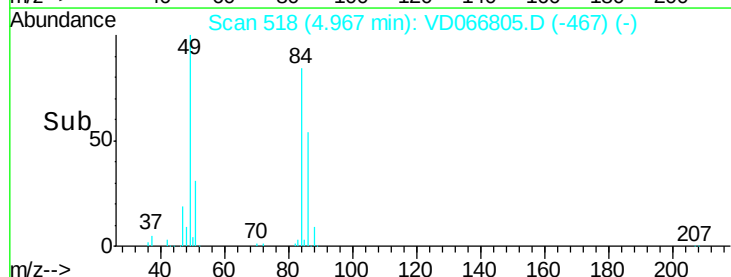
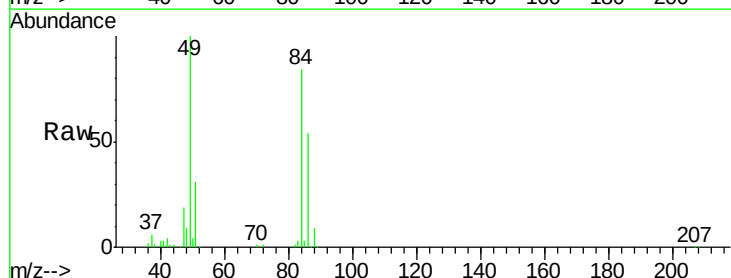
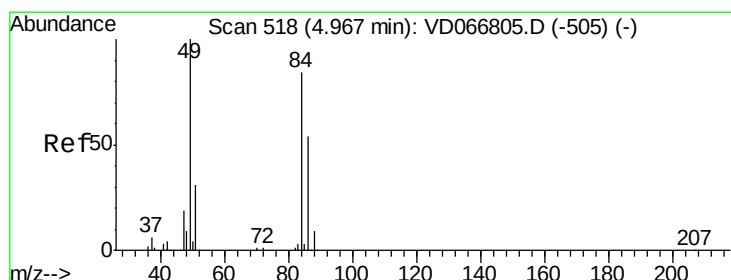
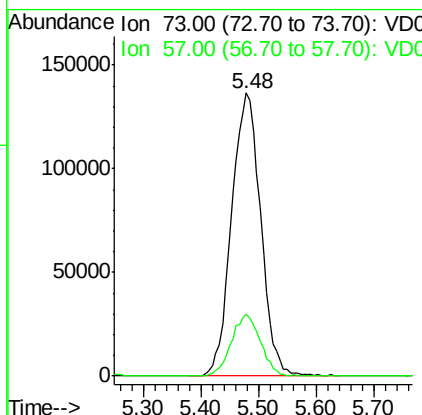
#19
Methyl tert-butyl Ether
Concen: 50.675 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tot Ion	73	Resp	477227
Ion Ratio	100	Lower	Upper
57	21.8	17.4	26.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

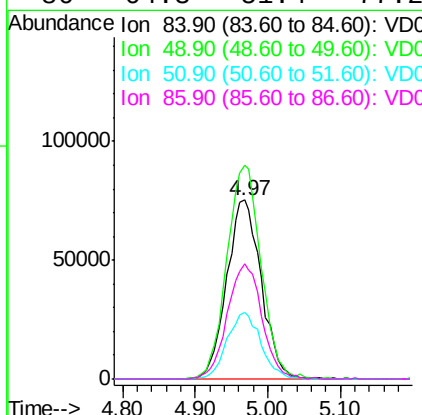
Manual Integrations
APPROVED

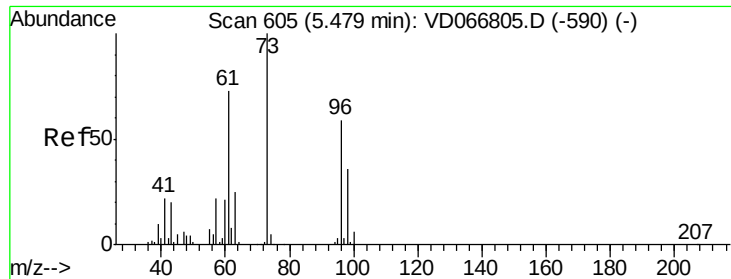
MMDadoda
9/23/2020 1:04:59 PM



#20
Methylene Chloride
Concen: 39.935 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	84	Resp	248399
Ion Ratio	100	Lower	Upper
49	119.3	95.4	143.2
51	37.1	29.7	44.5
86	64.3	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 48.833 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

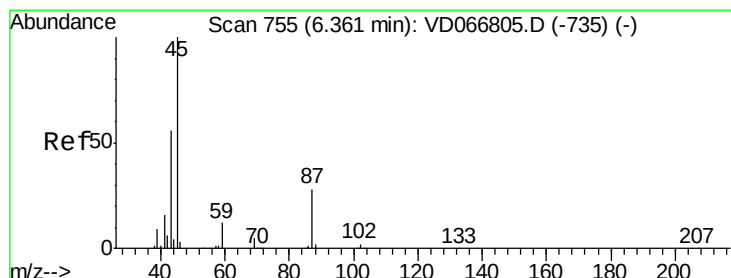
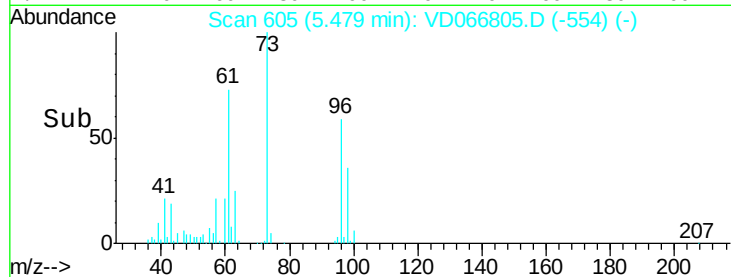
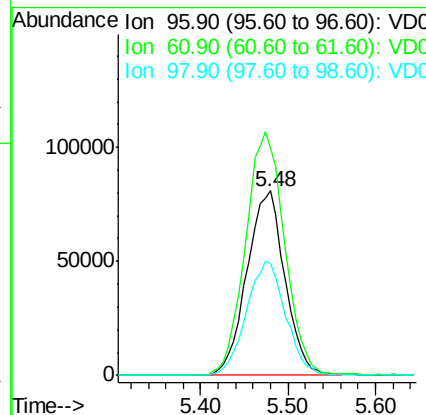
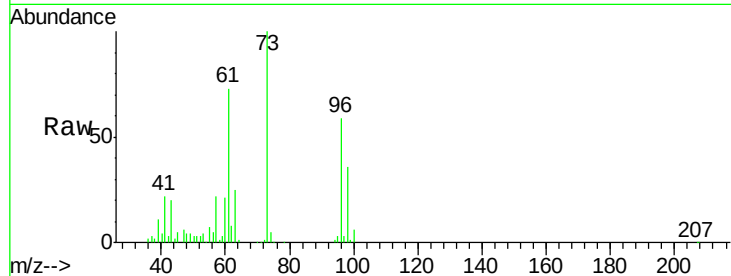
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	240406
Ion	Ratio	Lower	Upper
96	100		
61	123.6	98.9	148.3
98	60.5	48.4	72.6

Manual Integrations
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MMDadoda
9/23/2020 1:04:59 PM



#22

Diisopropyl ether

Concen: 48.480 ug/l

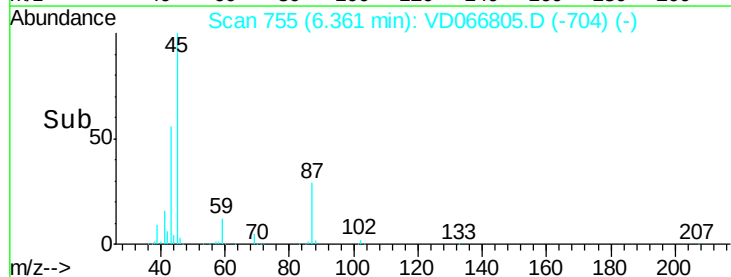
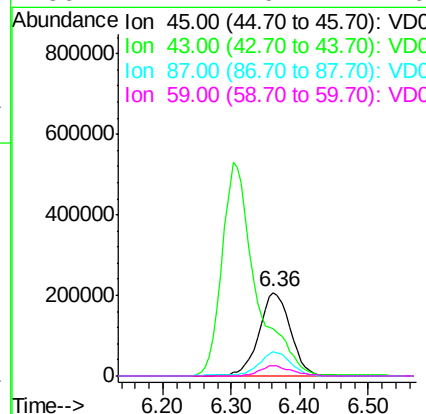
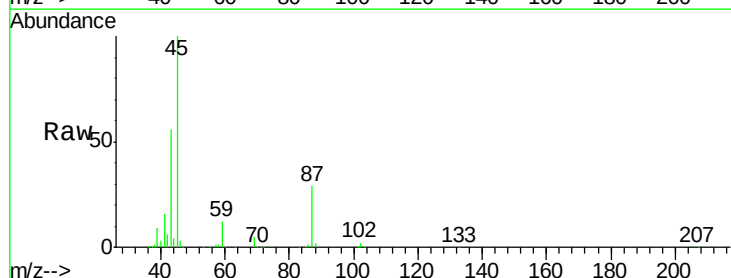
RT: 6.36 min Scan# 755

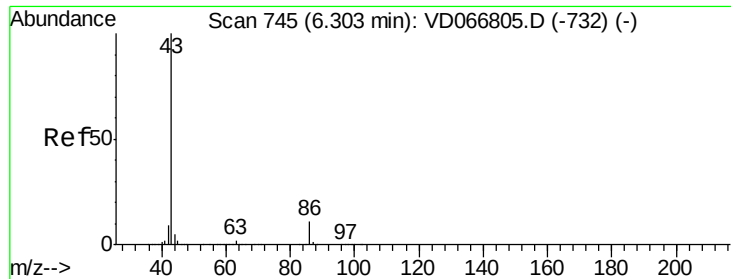
Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	45	Resp:	662443
Ion	Ratio	Lower	Upper
45	100		
43	55.6	44.5	66.7
87	28.6	22.9	34.3
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 239.466 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tot Ion: 43 Resp: 1802600

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

Instrument :

MSVOA_D

ClientSampleId :

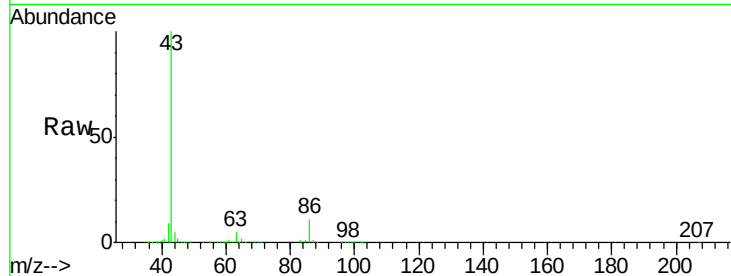
VSTDICCC050

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:04:59 PM

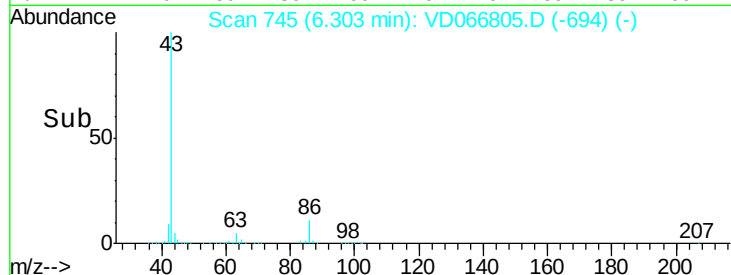


Abundance Ion 43.00 (42.70 to 43.70): VDC

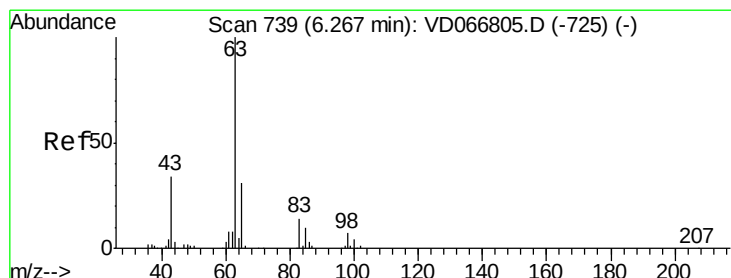
Ion 86.00 (85.70 to 86.70): VDC

6.30

6.20 6.30 6.40 6.50



Time-->



#24

1,1-Dichloroethane

Concen: 48.142 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

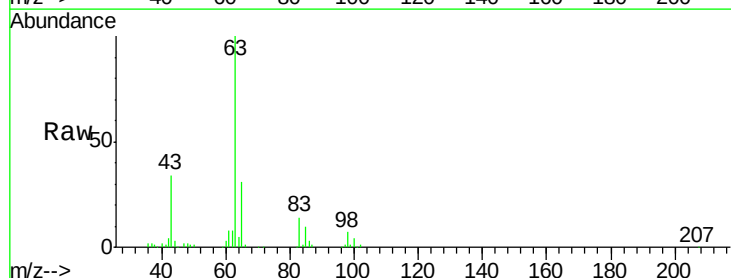
Tgt Ion: 63 Resp: 421016

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 3.7 1.8 5.5



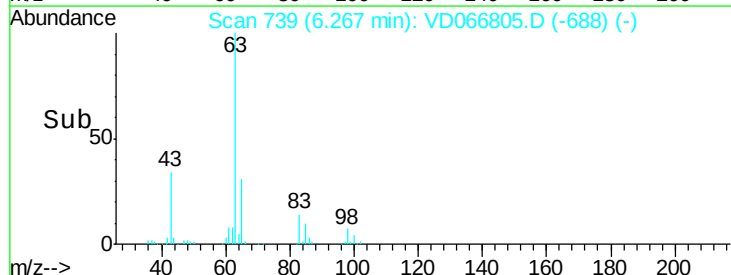
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

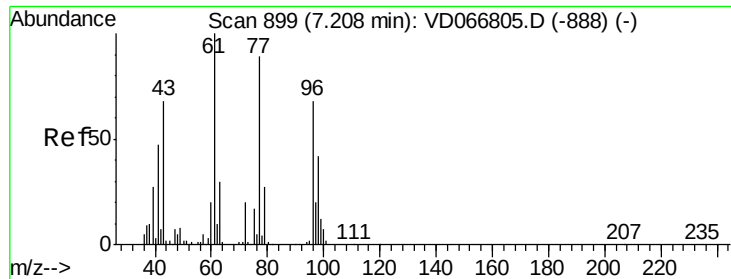
Ion 99.90 (99.60 to 100.60): VDC

6.27

6.10 6.20 6.30 6.40



Time-->



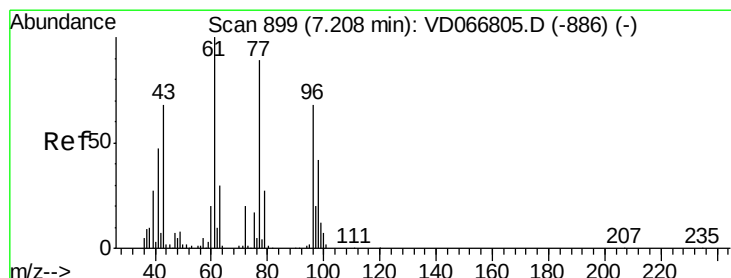
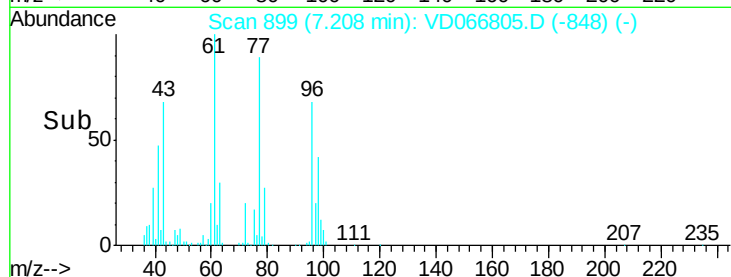
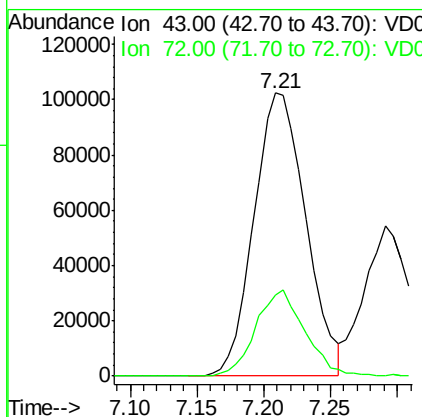
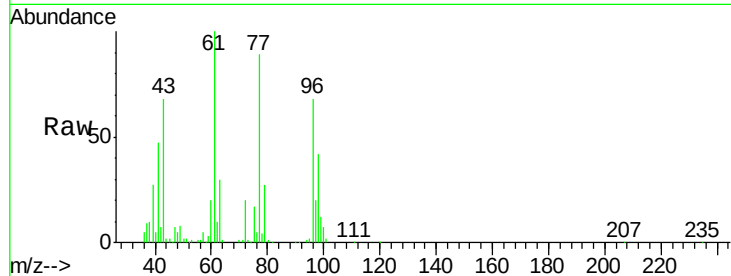
#25
2-Butanone
Concen: 233.118 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 276251
Ion Ratio Lower Upper
43 100
72 28.6 22.9 34.3

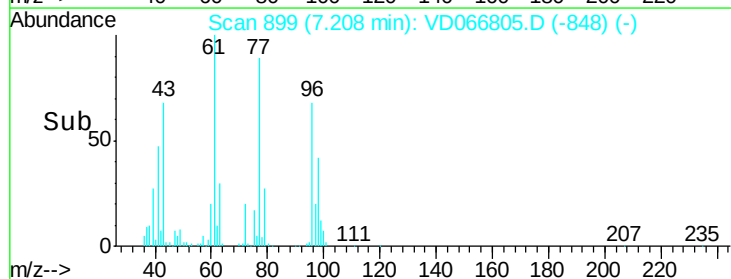
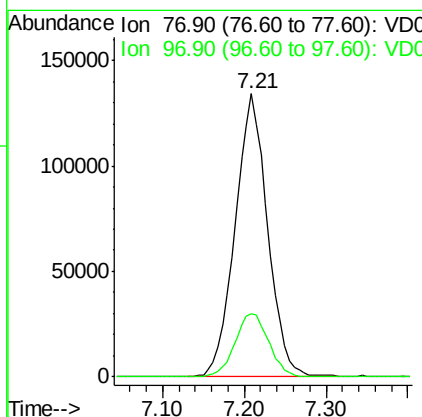
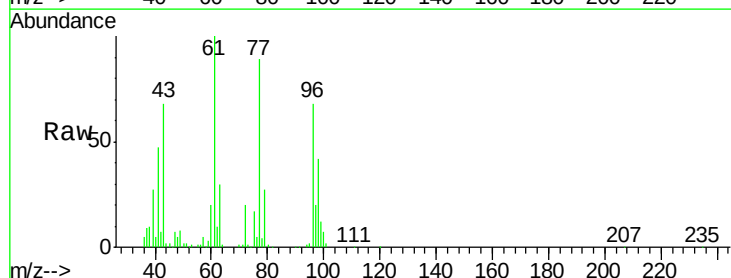
Manual Integrations
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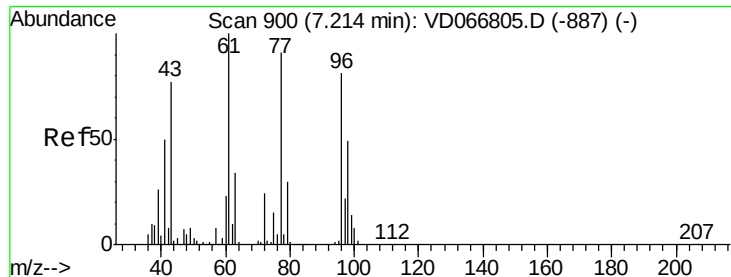
MMDadoda
9/23/2020 1:04:59 PM



#26
2,2-Dichloropropane
Concen: 45.951 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 77 Resp: 370278
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27

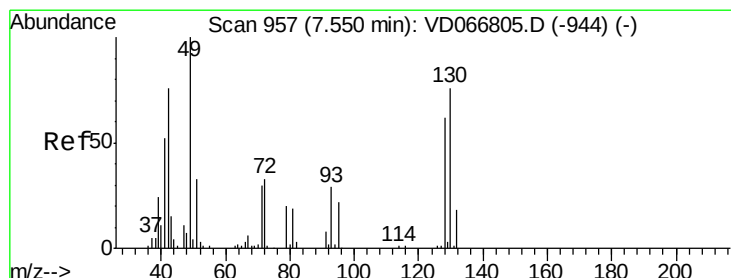
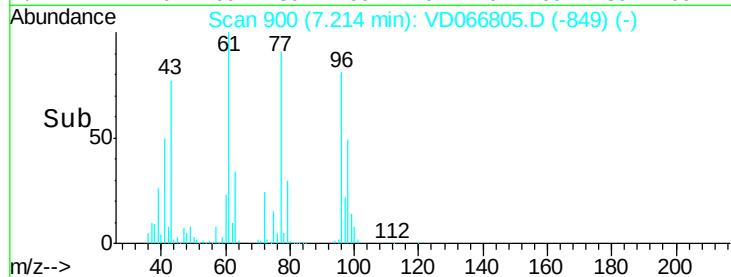
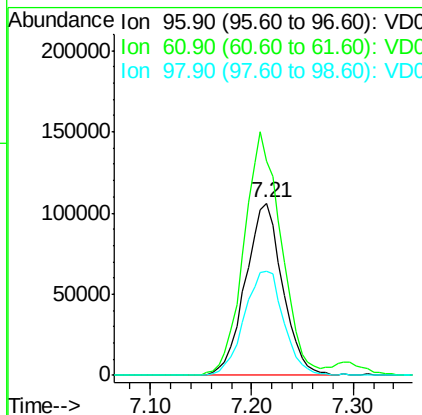
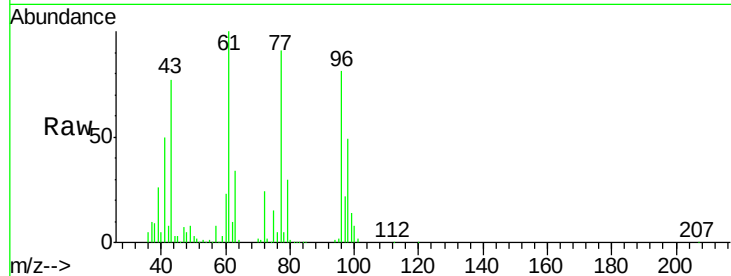
cis-1,2-Dichloroethene
Concen: 50.009 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	269271		
61	141.9	0.0	283.8	
98	64.2	0.0	128.4	

Manual Integrations
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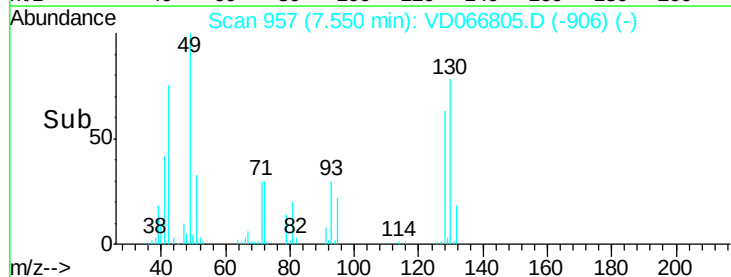
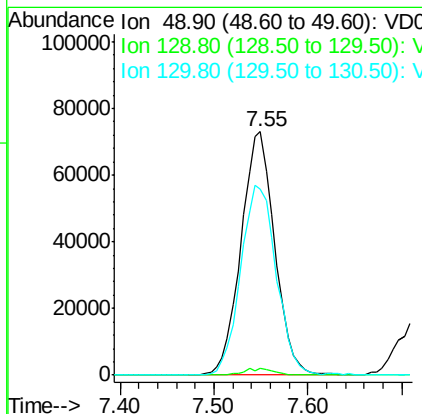
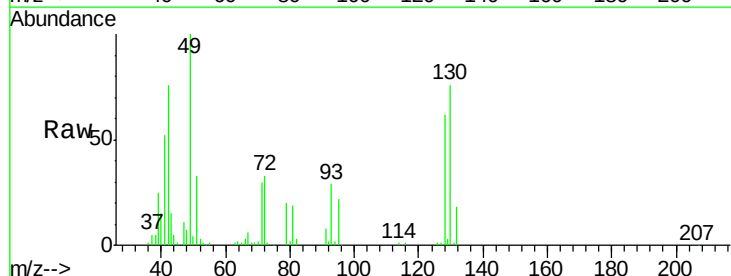
MMDadoda
9/23/2020 1:04:59 PM

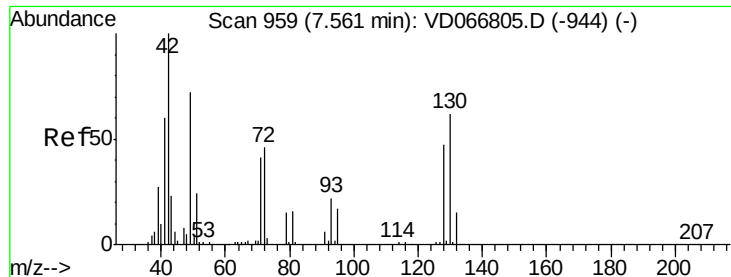


#28

Bromochloromethane
Concen: 54.021 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181287		
129	1.0	0.0	2.0	
130	82.4	65.9	98.9	





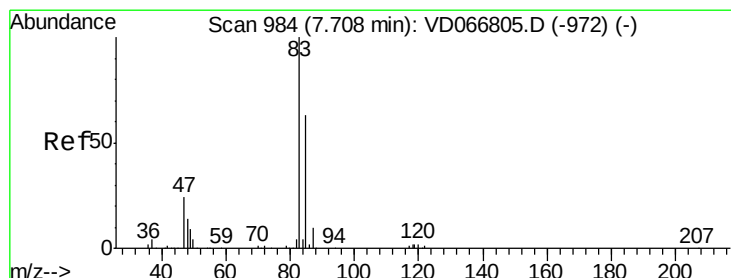
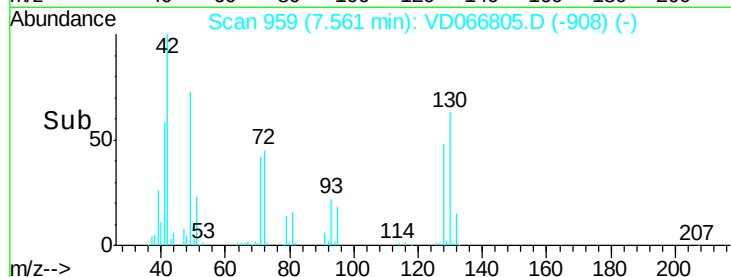
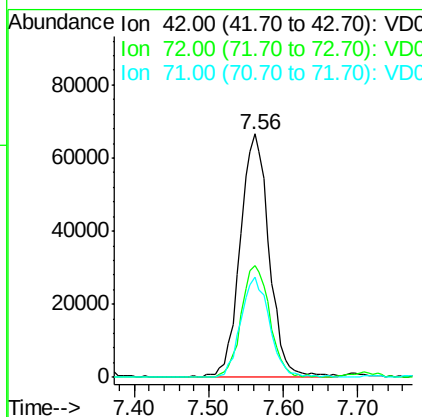
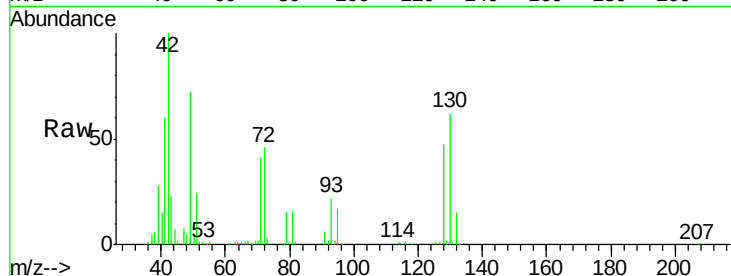
#29
Tetrahydrofuran
Concen: 247.372 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	40.5	32.4	48.6

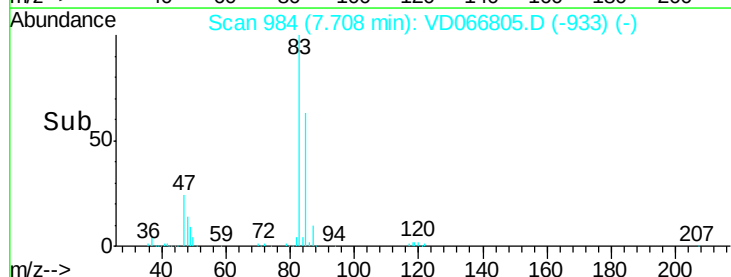
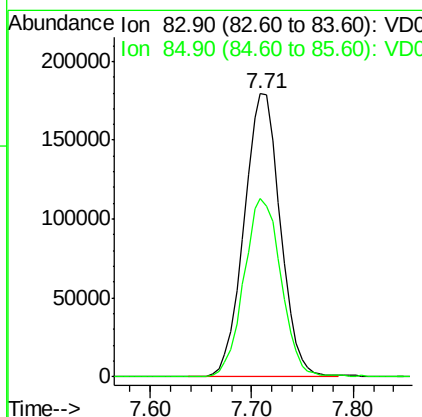
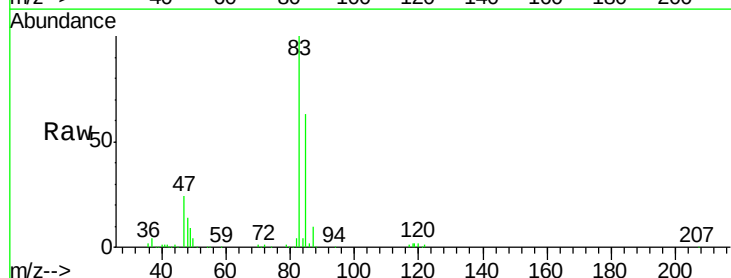
Manual Integrations
APPROVED

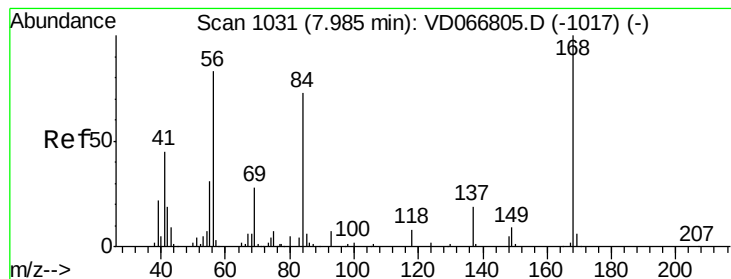
MMDadoda
9/23/2020 1:04:59 PM



#30
Chloroform
Concen: 47.912 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8





#31

Cyclohexane

Concen: 45.340 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

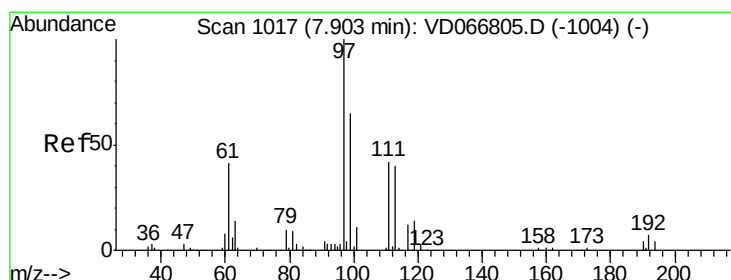
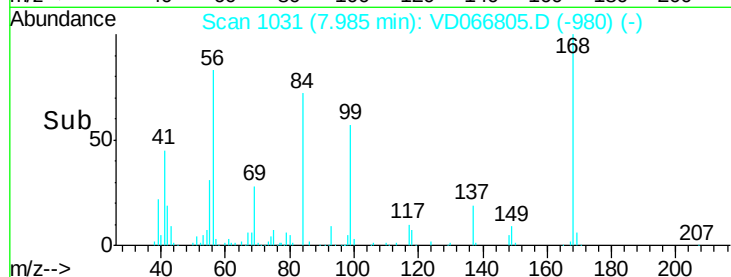
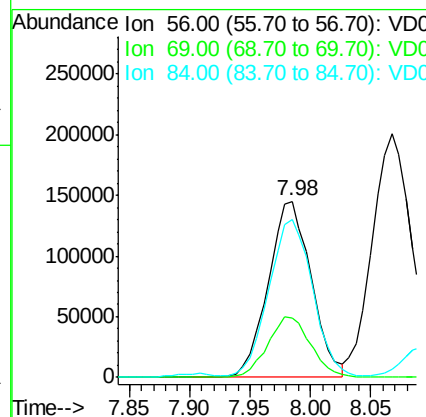
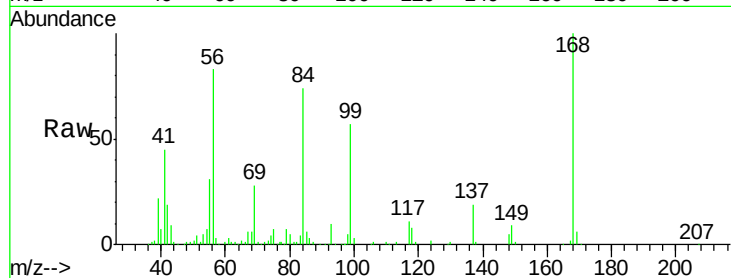
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	358209
Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.4
84	87.8	70.2	105.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.856 ug/l

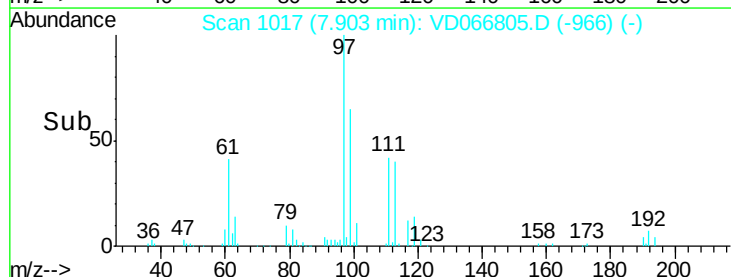
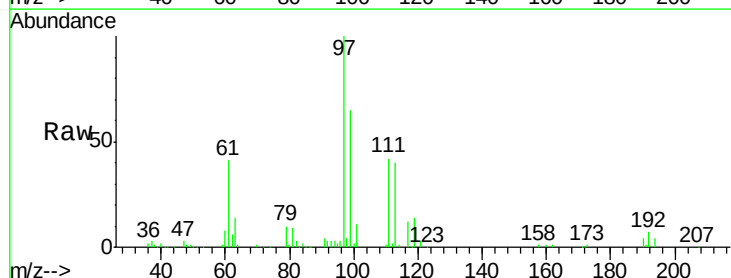
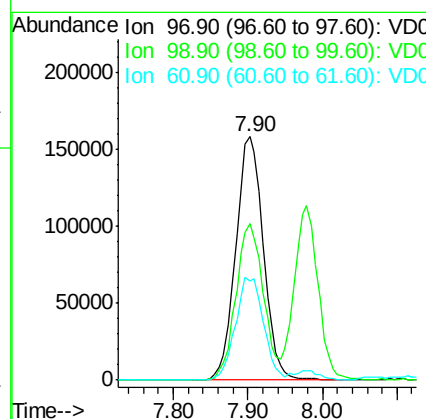
RT: 7.90 min Scan# 1017

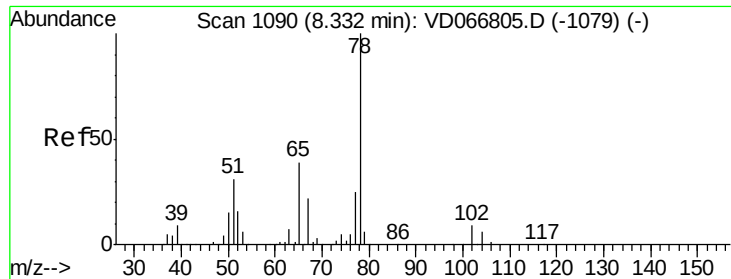
Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	97	Resp:	406884
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	42.8	34.2	51.4





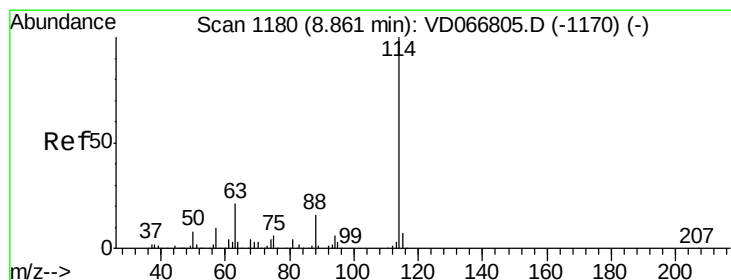
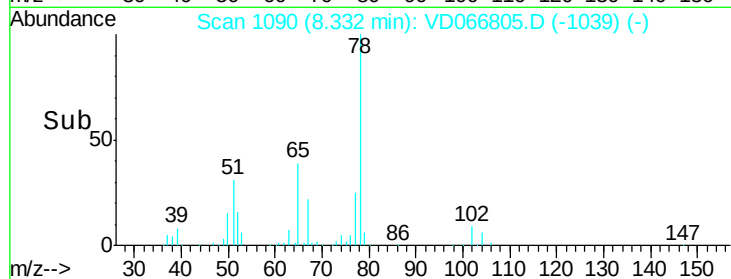
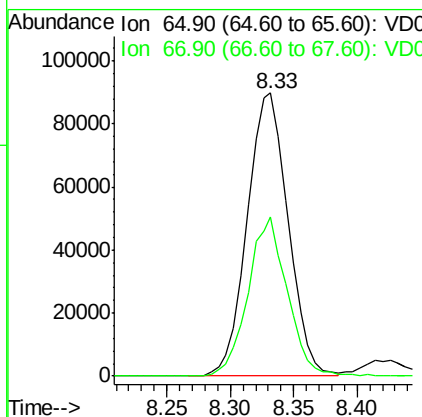
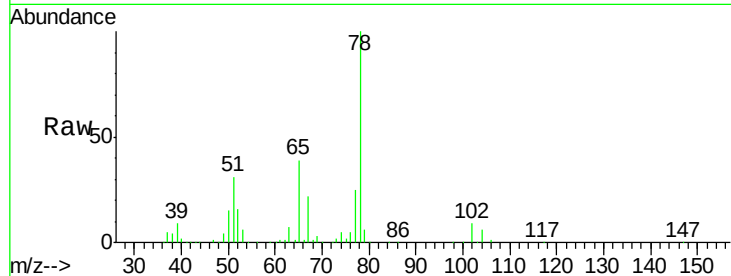
#33
 1,2-Dichloroethane-d4
 Concen: 45.361 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201762		
67	53.6	0.0	107.2	

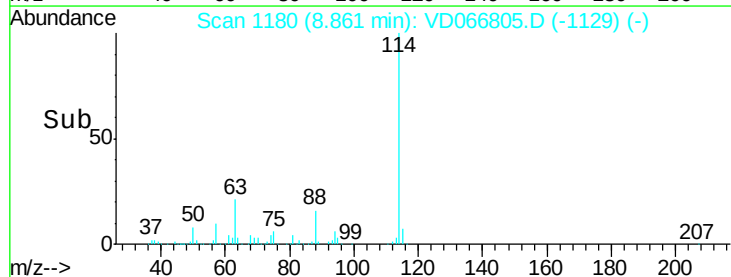
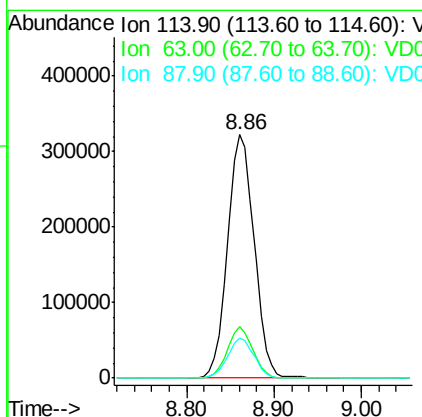
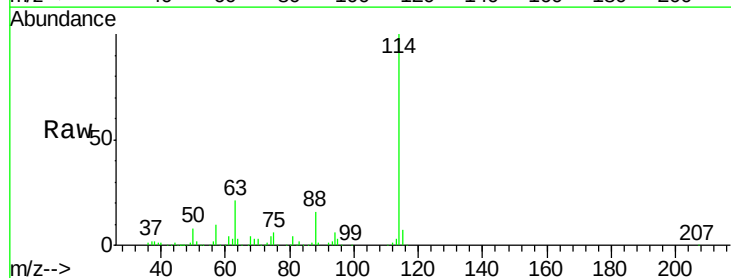
Manual Integrations
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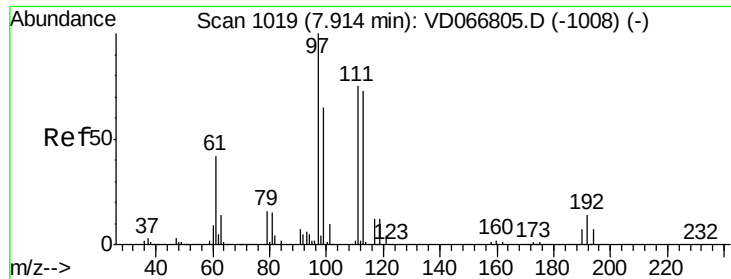
MMDadoda
 9/23/2020 1:04:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	669652		
63	21.3	0.0	42.6	
88	16.3	0.0	32.6	





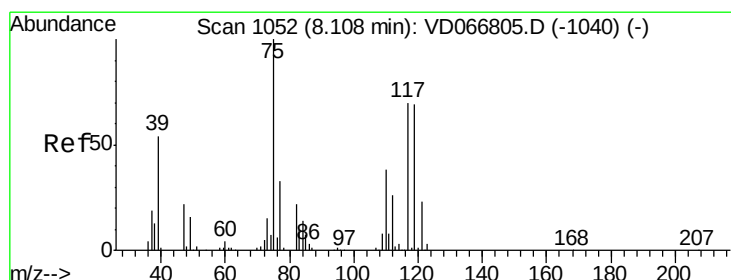
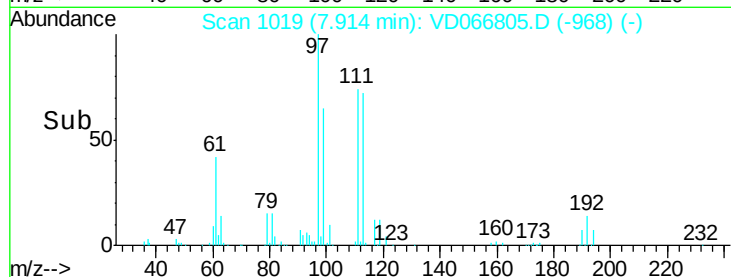
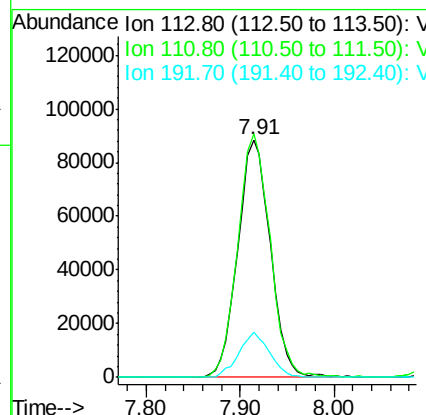
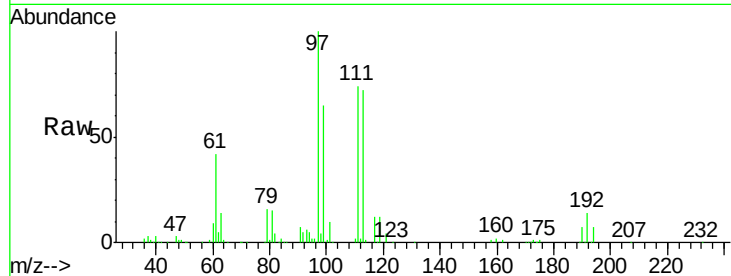
#35
Dibromofluoromethane
Concen: 51.488 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	18.0	14.4	21.6

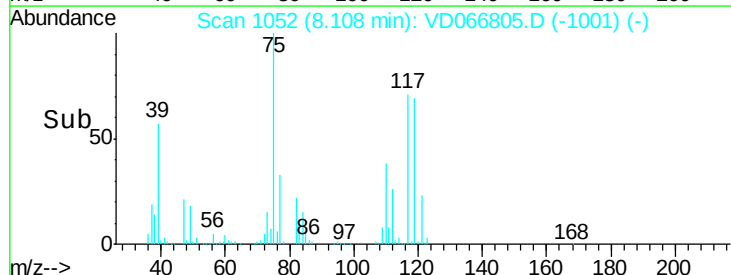
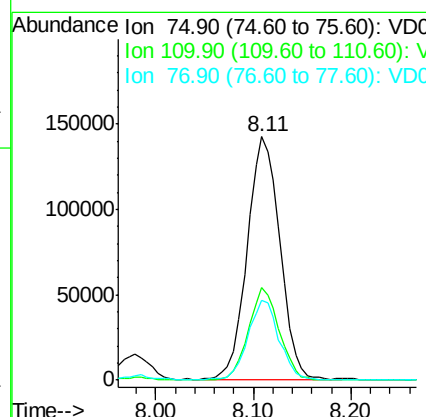
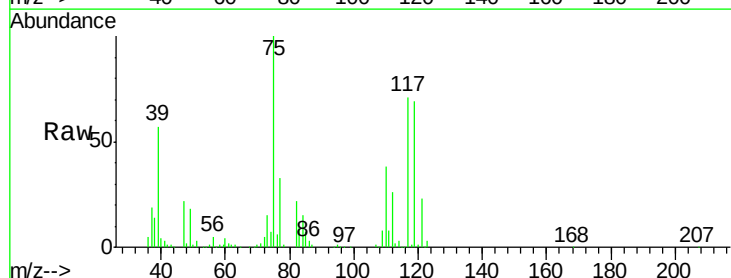
Manual Integrations
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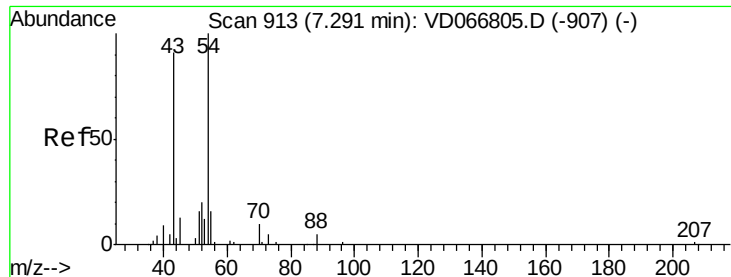
MMDadoda
9/23/2020 1:04:59 PM



#36
1,1-Dichloropropene
Concen: 48.781 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.8
77	31.3	25.0	37.6





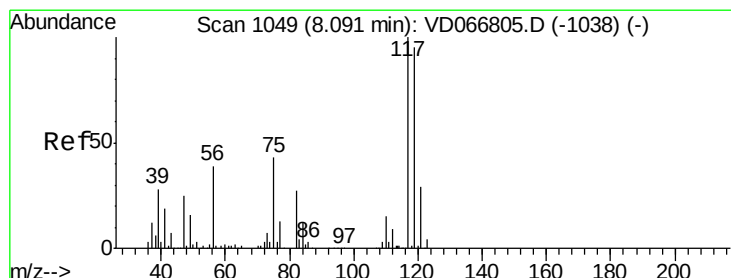
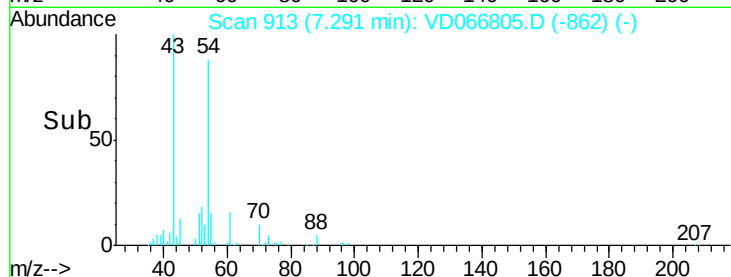
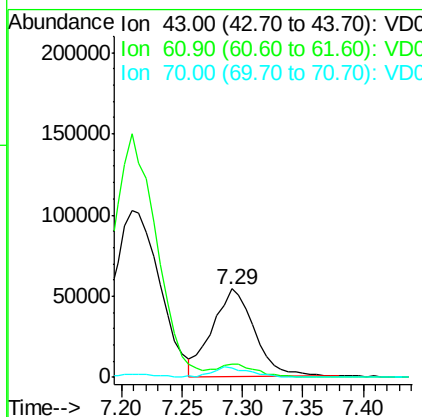
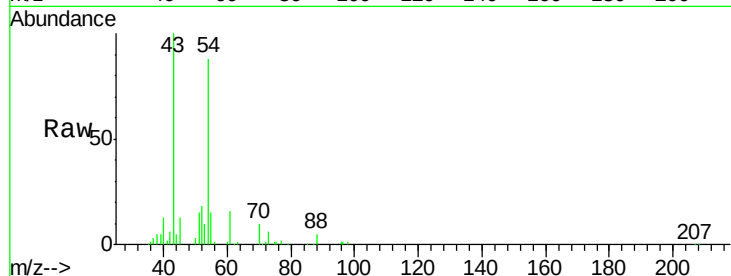
#37
Ethyl Acetate
Concen: 50.474 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	130948
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	10.6	8.5	12.7

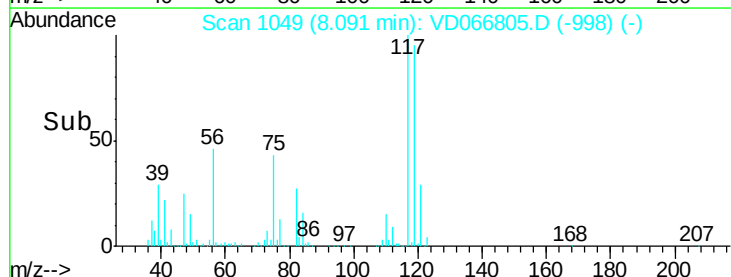
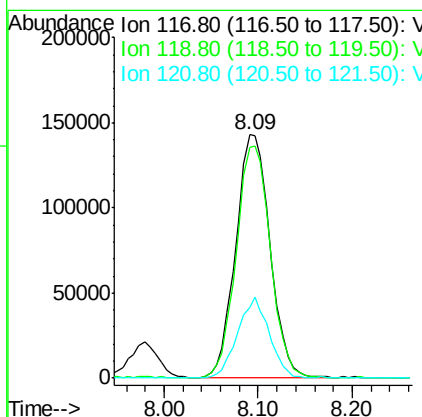
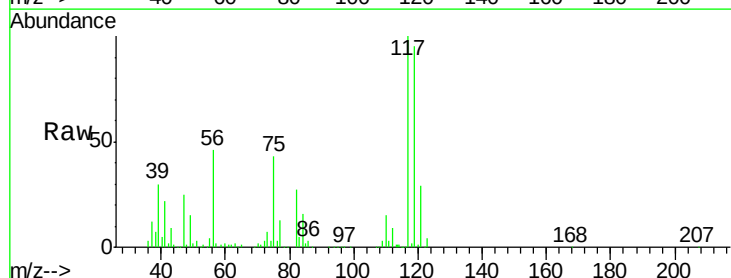
Manual Integrations
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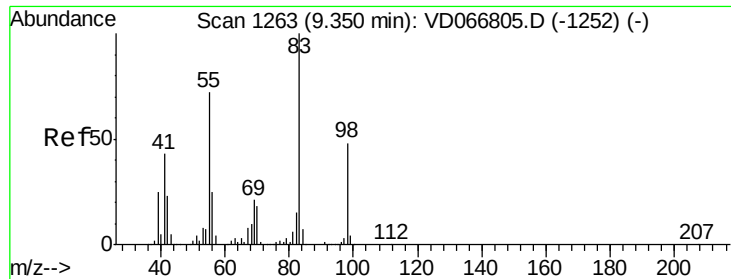
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.235 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	117	Resp	359533
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	29.2	23.4	35.0





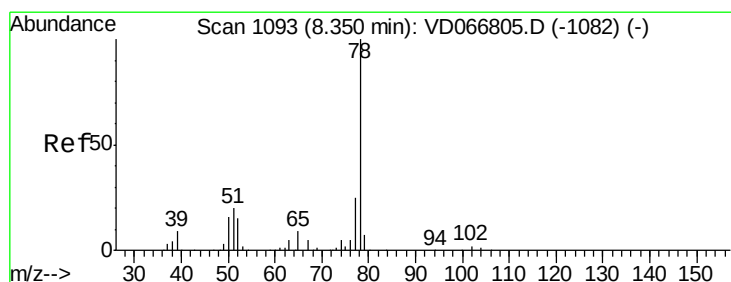
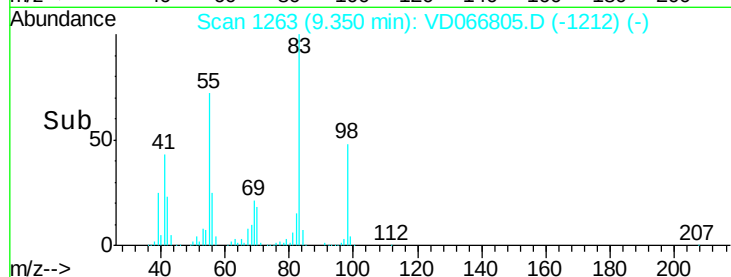
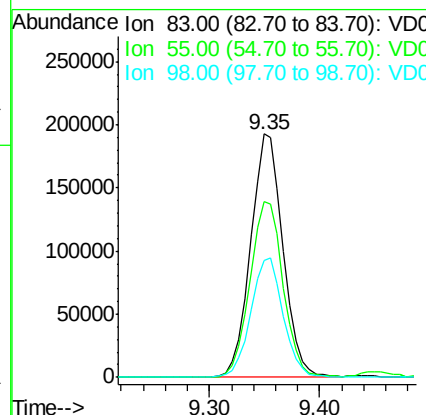
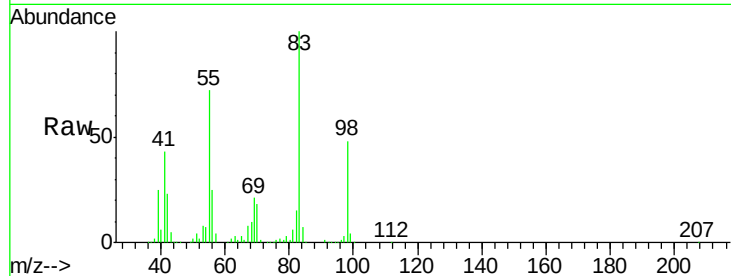
#39
Methylvlcyclohexane
Concen: 50.549 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	57.7	86.5
98	48.0	38.4	57.6

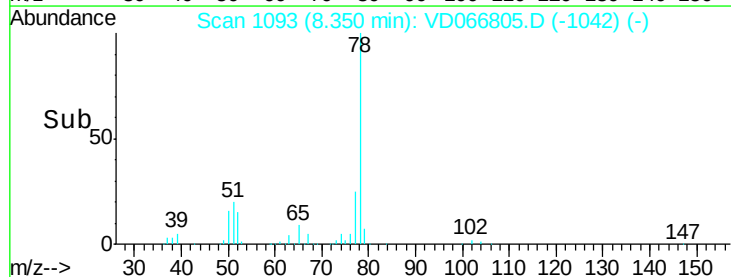
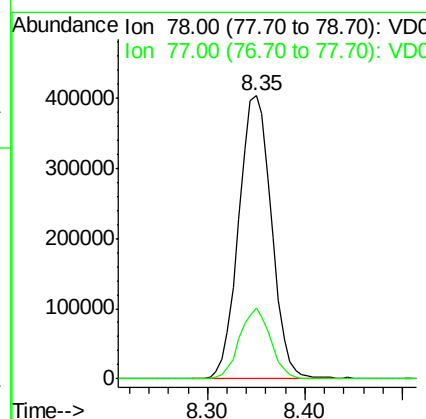
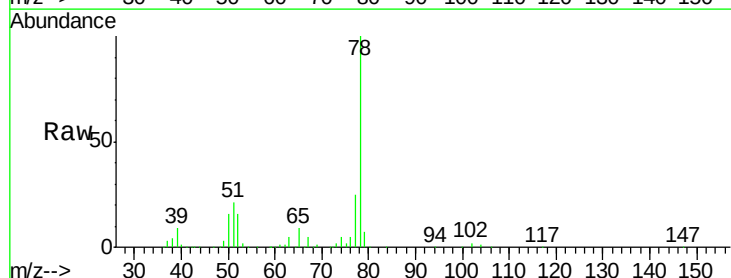
Manual Integrations
APPROVED

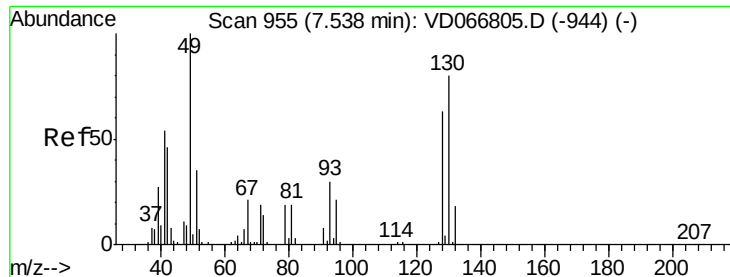
MMDadoda
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#40
Benzene
Concen: 50.639 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.9	29.9





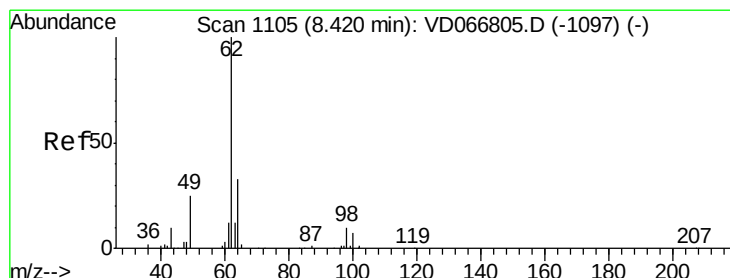
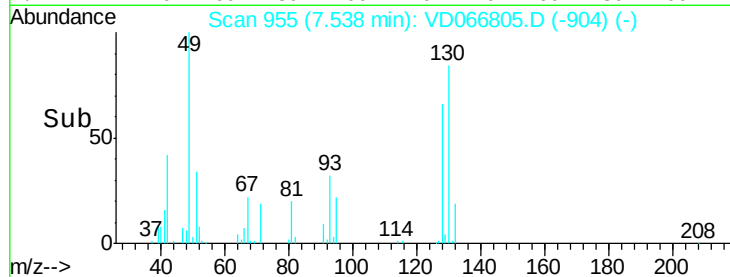
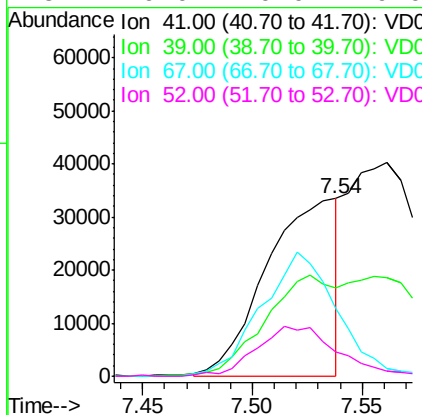
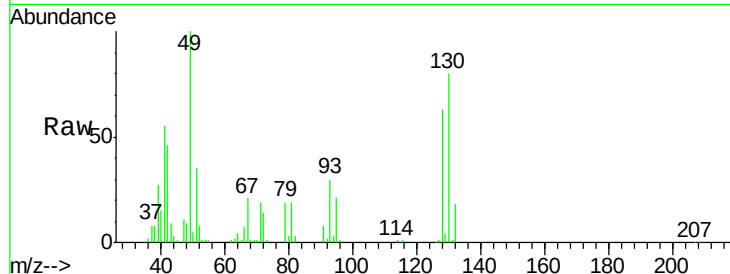
#41
Methacrylonitrile
Concen: 54.339 ug/l m
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	76176
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

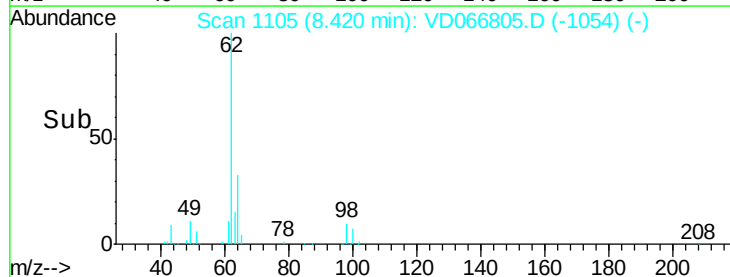
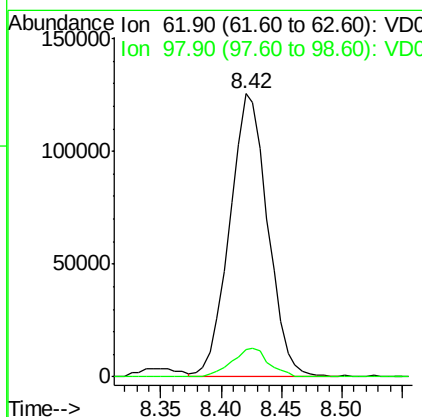
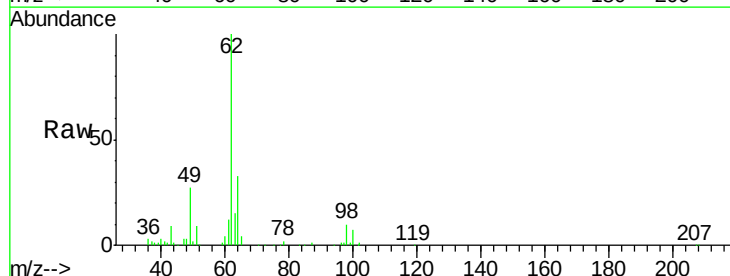
Manual Integrations
APPROVED

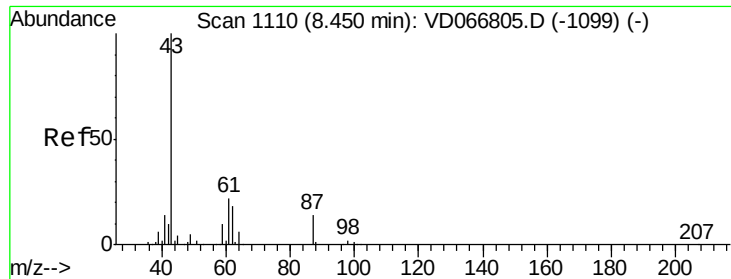
MMDadoda
9/23/2020 1:04:59 PM



#42
1,2-Dichloroethane
Concen: 47.871 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	62	Resp	274027
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.981 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

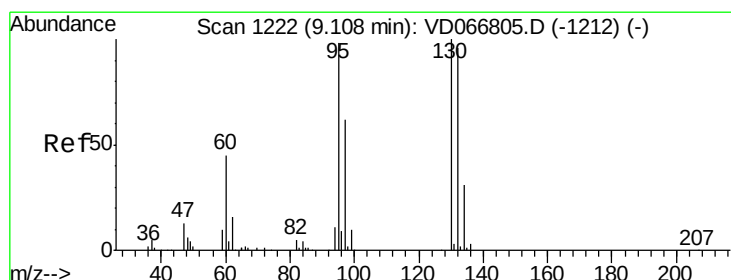
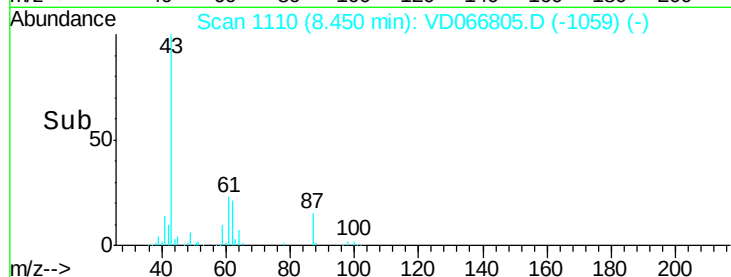
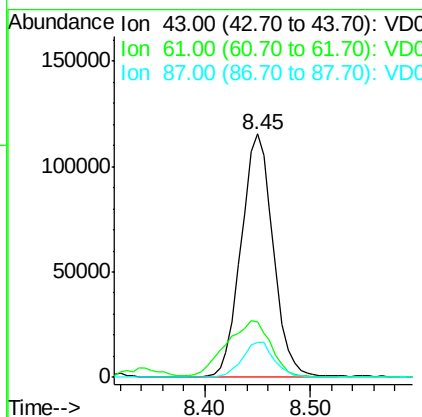
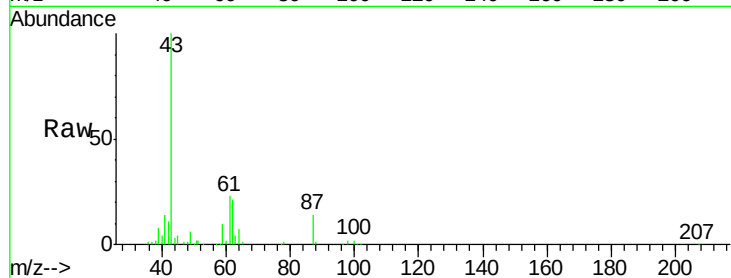
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	244616
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	14.4	11.5	17.3

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#44

Trichloroethene

Concen: 52.077 ug/l

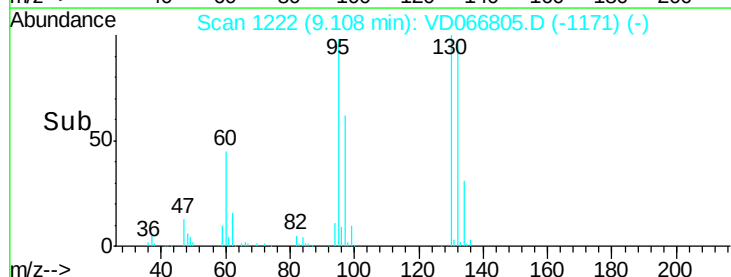
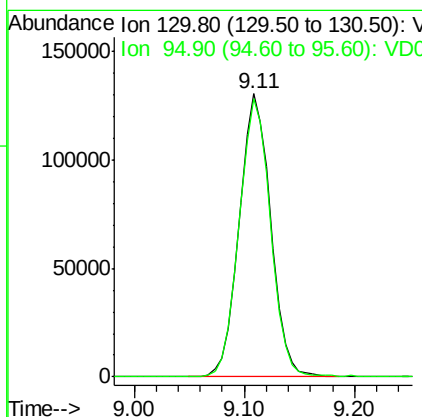
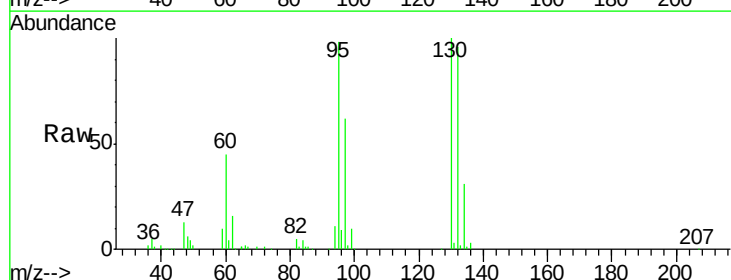
RT: 9.11 min Scan# 1222

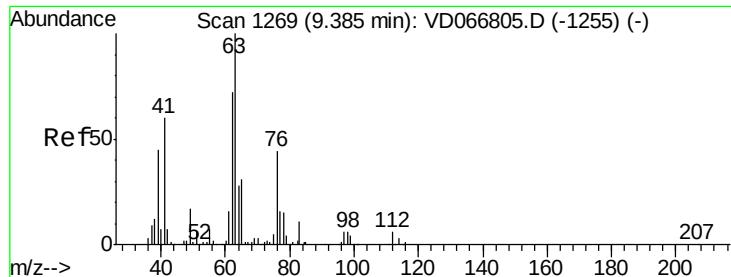
Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	130	Resp:	261886
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	197.0





#45

1,2-Dichloropropane

Concen: 51.403 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 238077

Ion Ratio Lower Upper

63 100

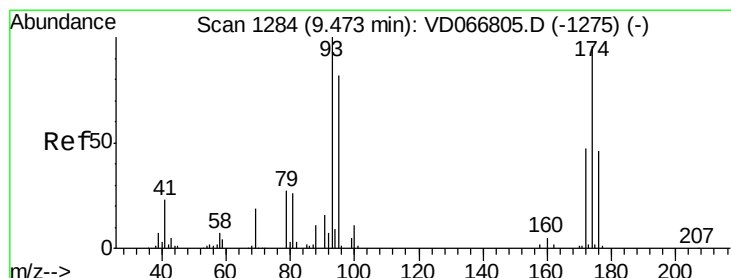
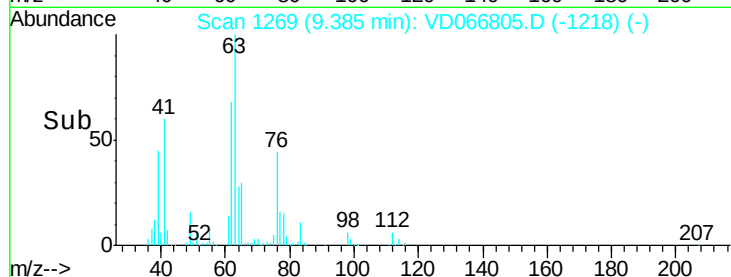
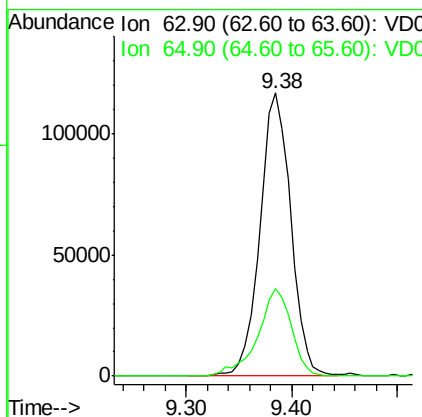
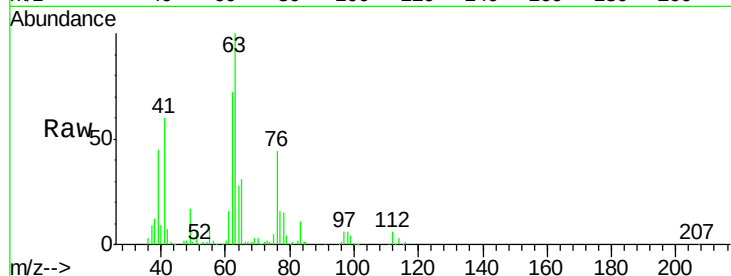
65 30.9 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 52.256 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

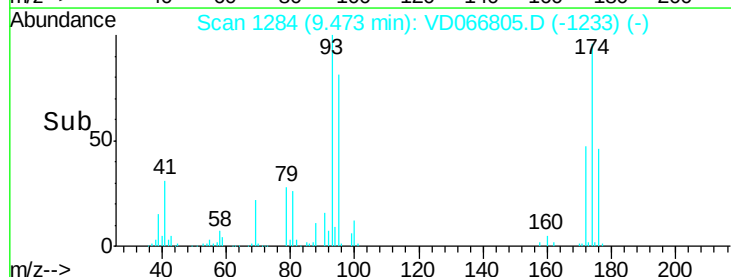
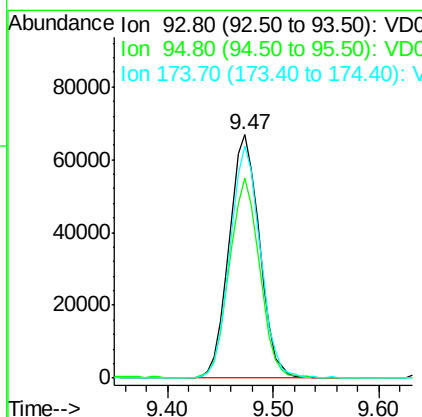
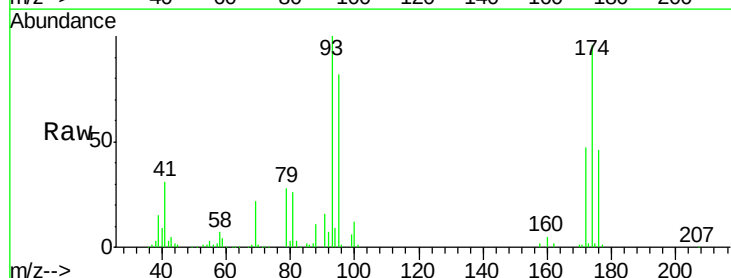
Tgt Ion: 93 Resp: 133294

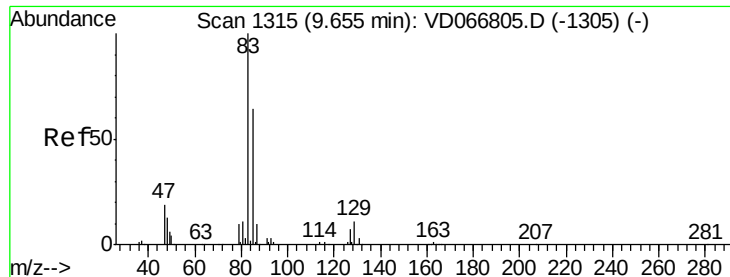
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 94.3 75.4 113.2





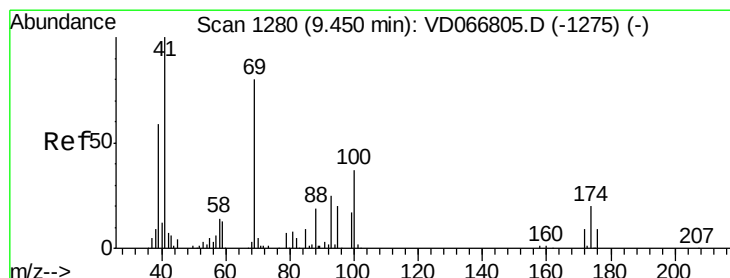
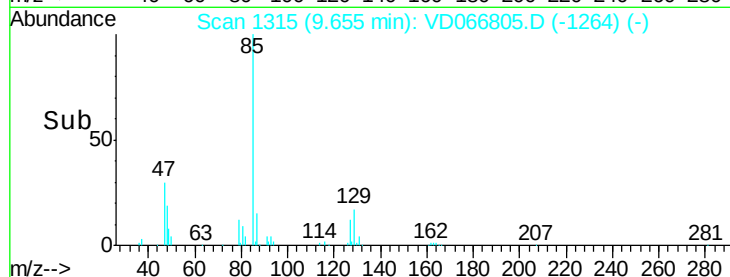
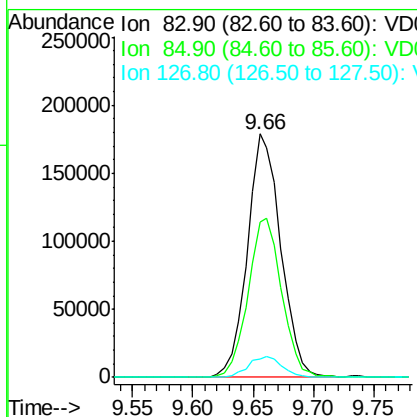
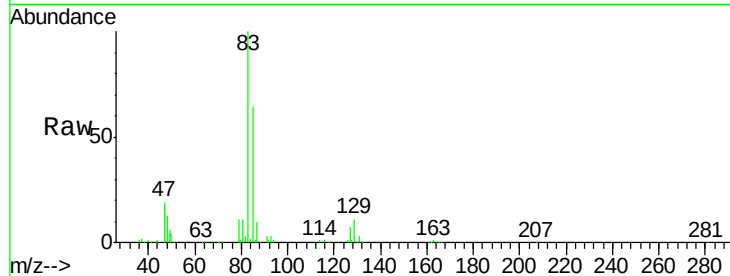
#47
Bromodichloromethane
Concen: 49.840 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	343715
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3
127	7.4	5.9	8.9

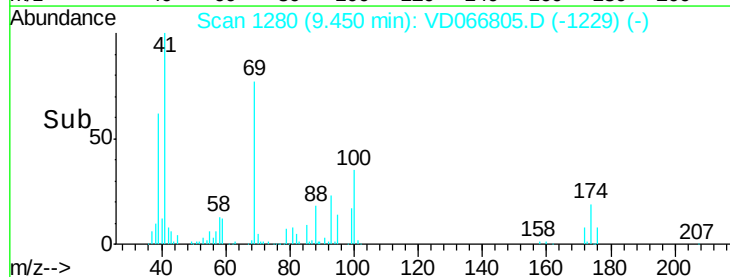
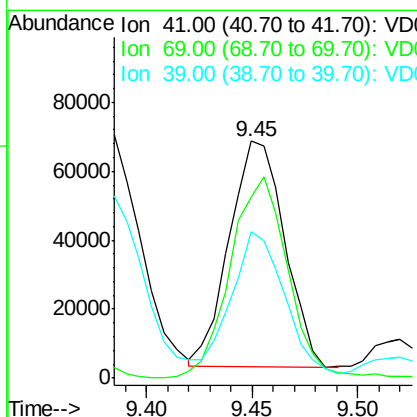
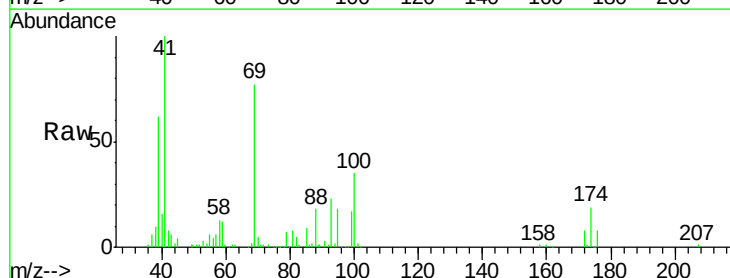
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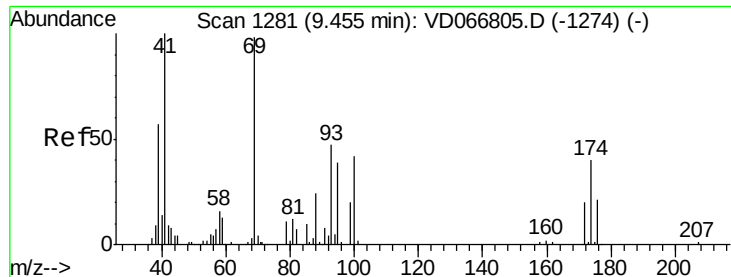
MMDadoda
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#48
Methyl methacrylate
Concen: 48.690 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	41	Resp	119254
Ion	Ratio	Lower	Upper
41	100		
69	93.1	74.5	111.7
39	58.8	47.0	70.6





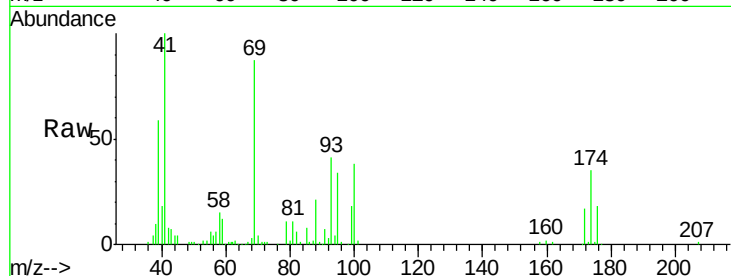
#49
1,4-Dioxane
Concen: 1125.347 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

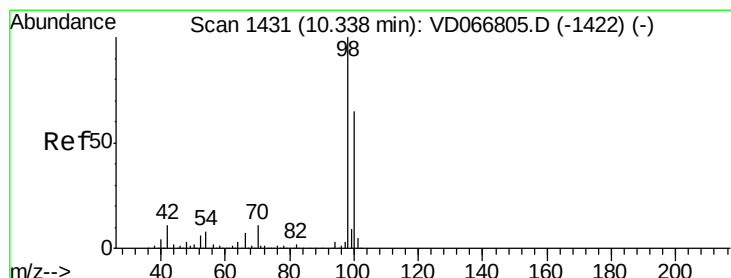
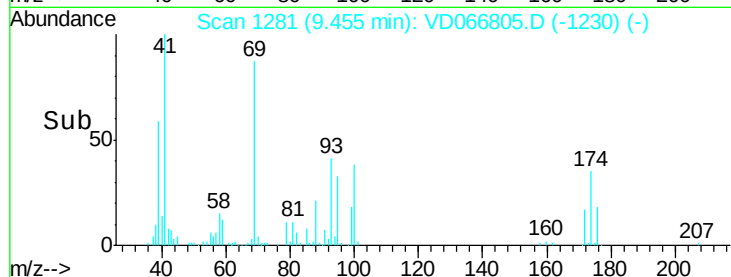
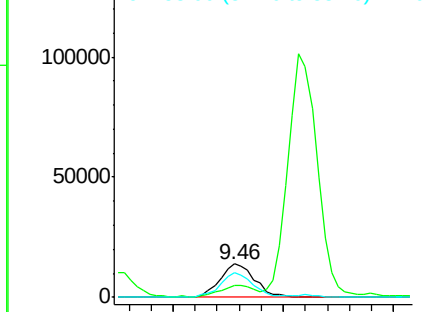
Tot Ion	88	Resp	30804
Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.7	41.5
58	69.4	55.5	83.3

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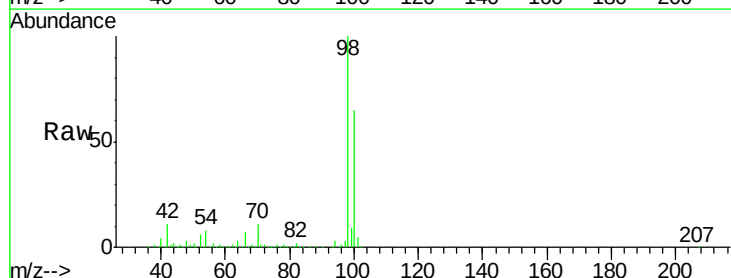


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

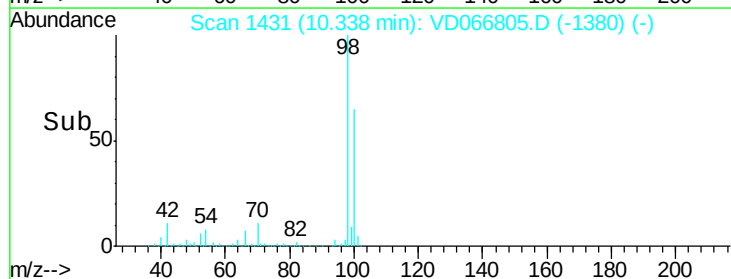
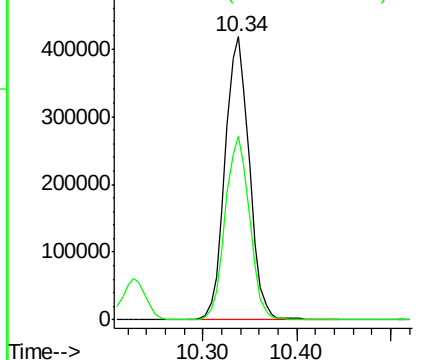


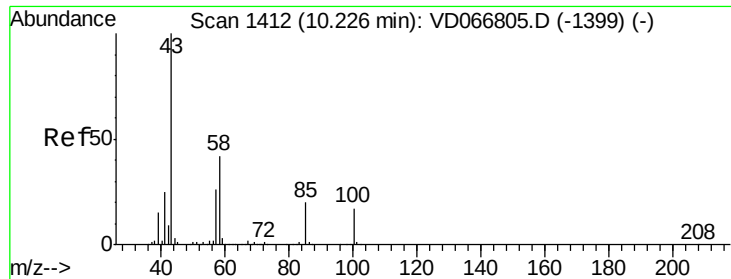
#50
Toluene-d8
Concen: 51.382 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	98	Resp	748786
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





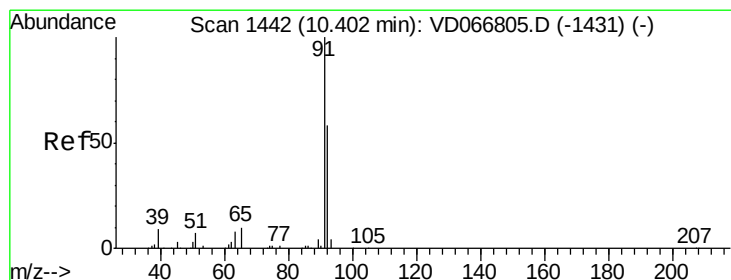
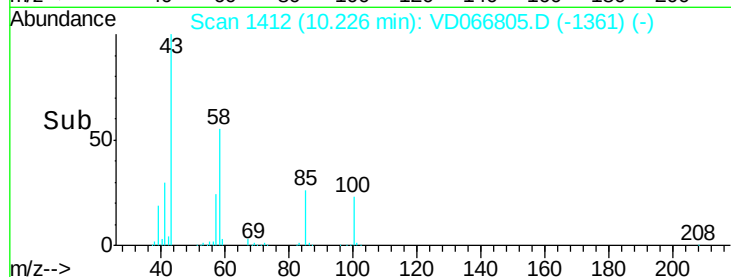
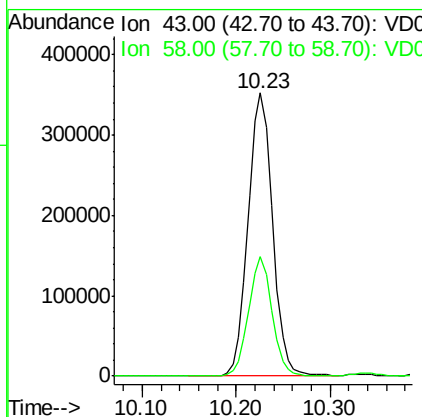
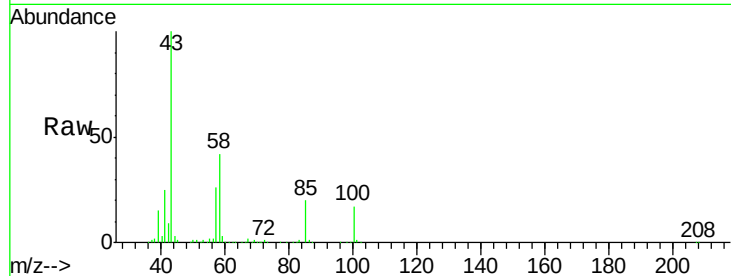
#51
 4-Methyl-2-Pentanone
 Concen: 253.378 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 637937
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.2 48.4

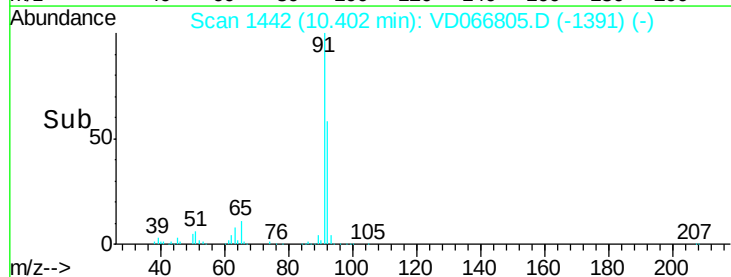
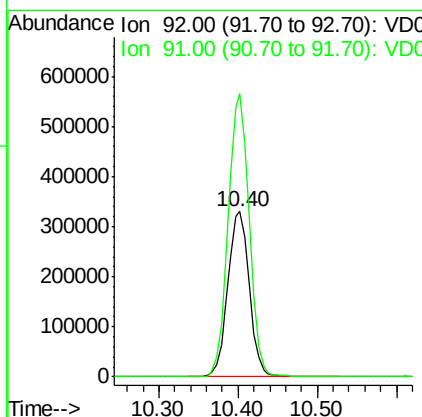
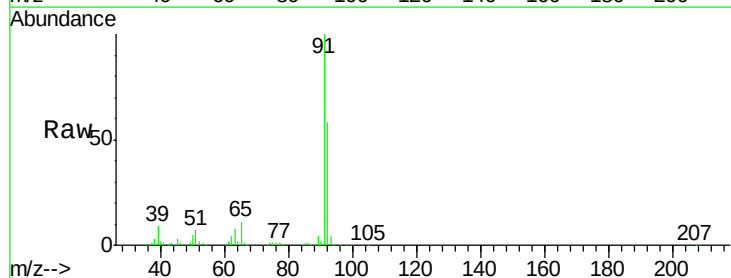
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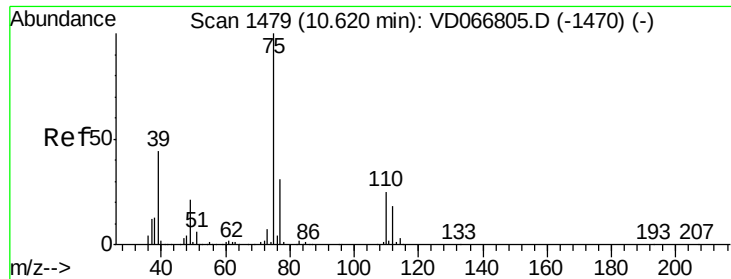
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#52
 Toluene
 Concen: 51.547 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 92 Resp: 616288
 Ion Ratio Lower Upper
 92 100
 91 168.3 134.6 202.0





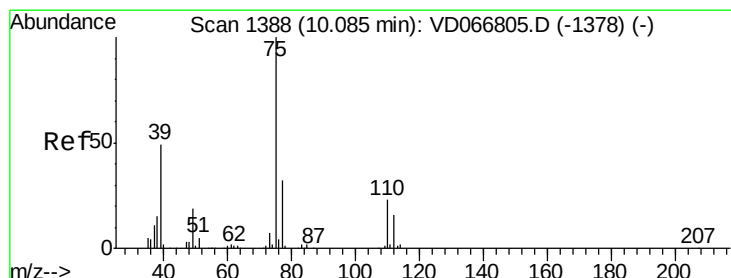
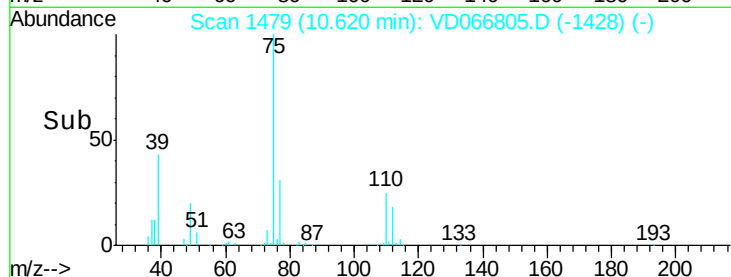
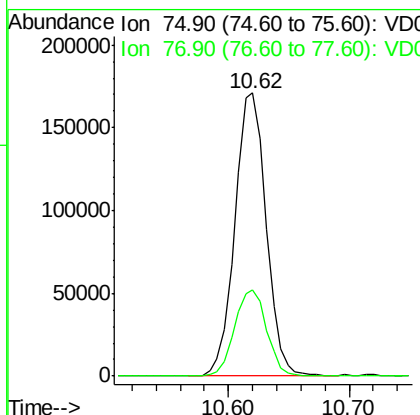
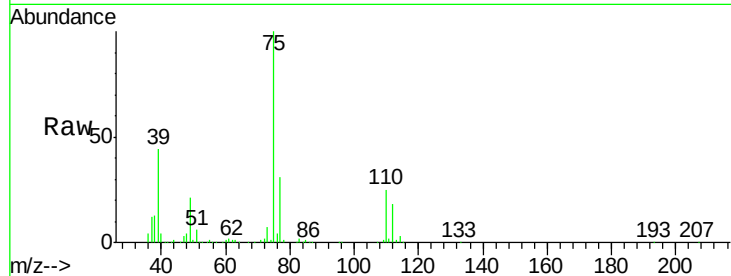
#53
t-1,3-Dichloropropene
Concen: 50.368 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.5	36.7

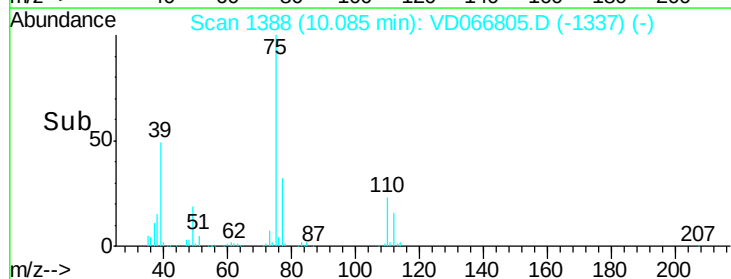
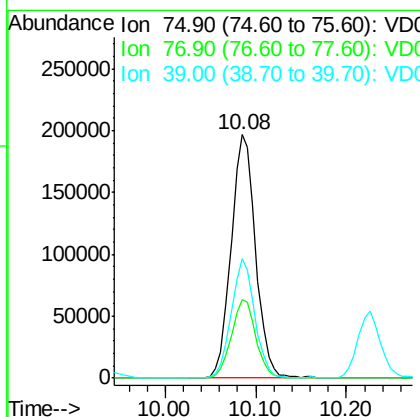
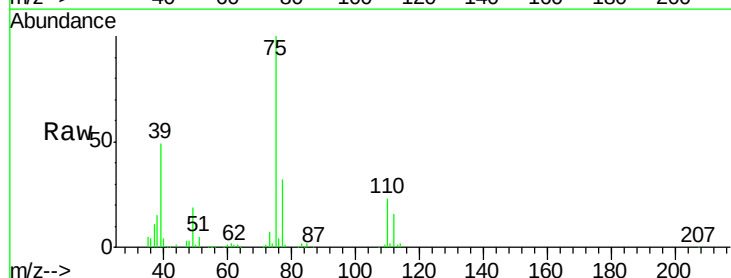
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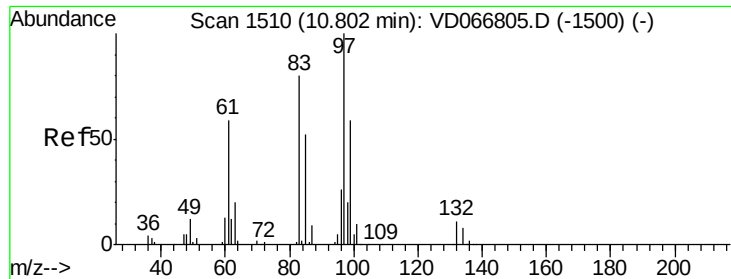
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#54
cis-1,3-Dichloropropene
Concen: 50.847 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	49.0	39.2	58.8





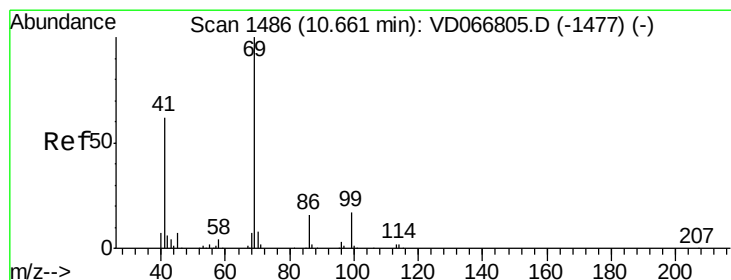
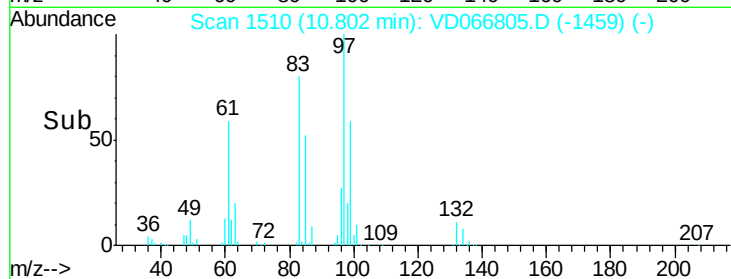
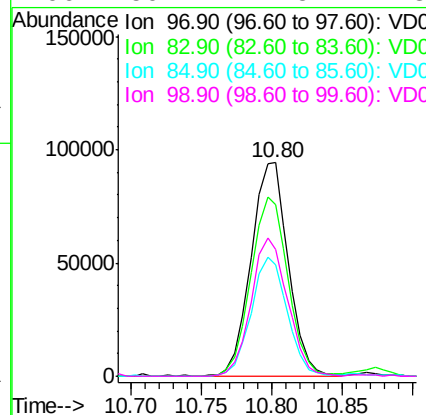
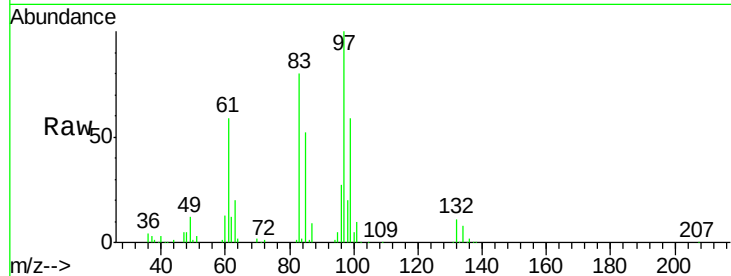
#55
 1,1,2-Trichloroethane
 Concen: 51.817 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		175111		
83	80.2	64.2	96.2		
85	52.4	41.9	62.9		
99	59.4	47.5	71.3		

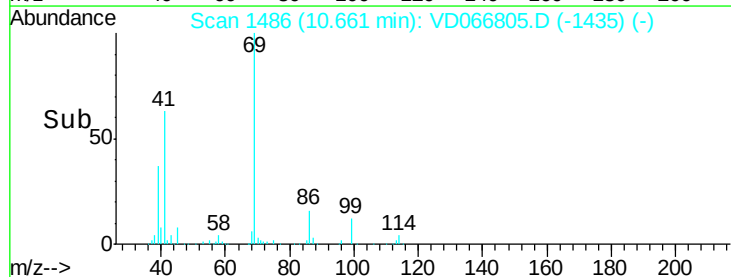
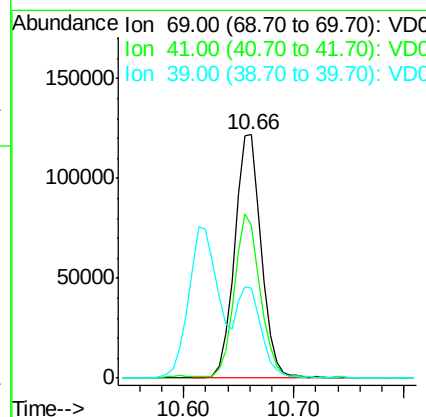
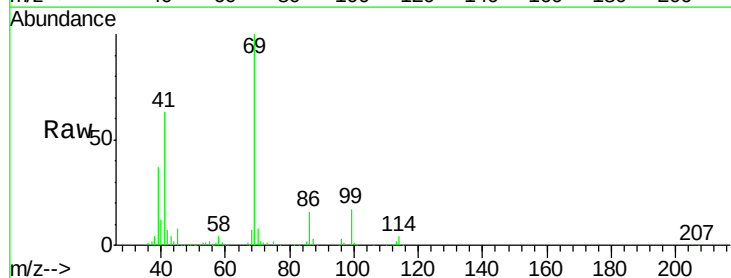
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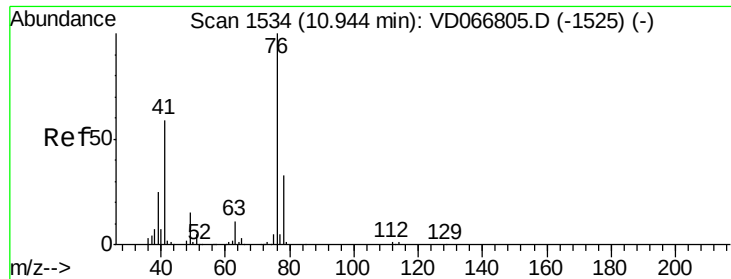
MMDadoda
 9/23/2020 1:04:59 PM



#56
 Ethyl methacrylate
 Concen: 54.640 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		206827		
41	65.2	52.2	78.2		
39	33.3	26.6	40.0		





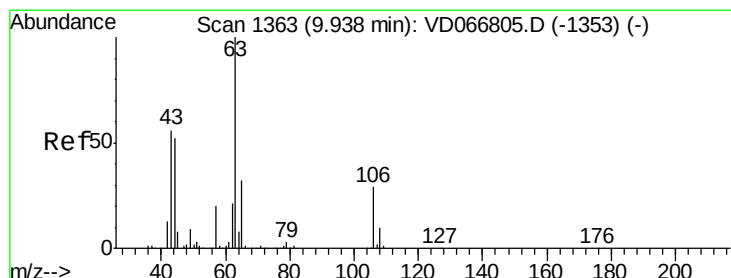
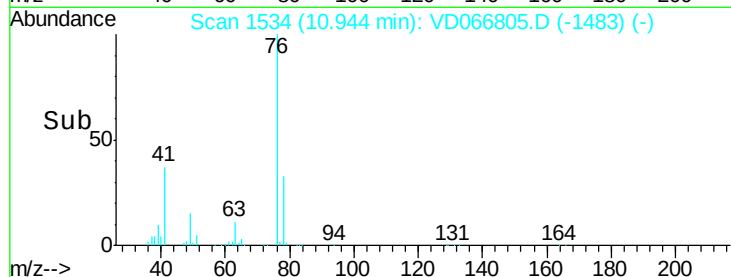
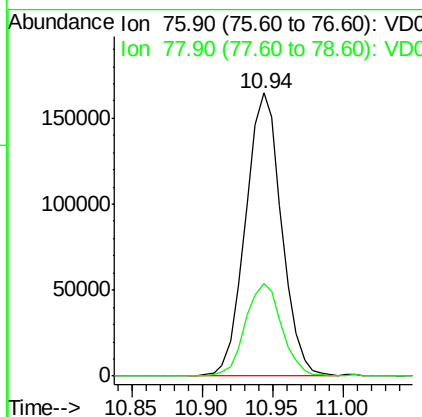
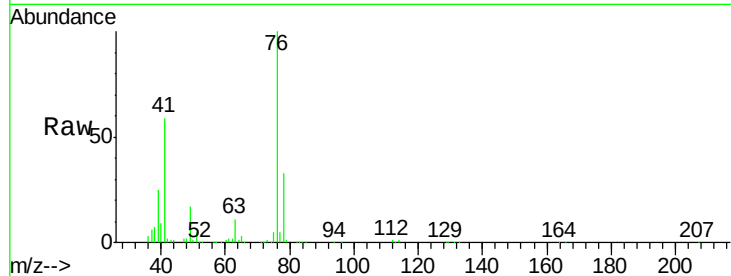
#57
 1,3-Dichloropropane
 Concen: 50.491 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 295544
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5

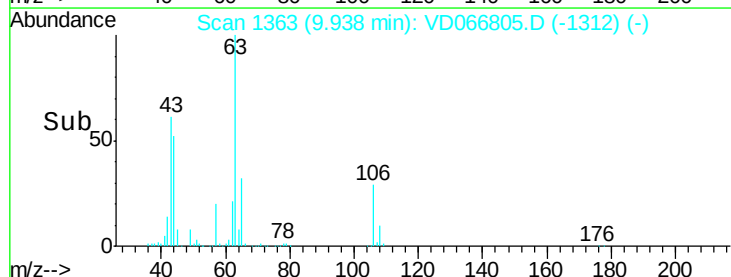
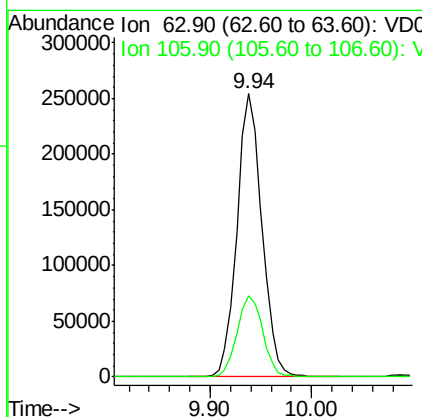
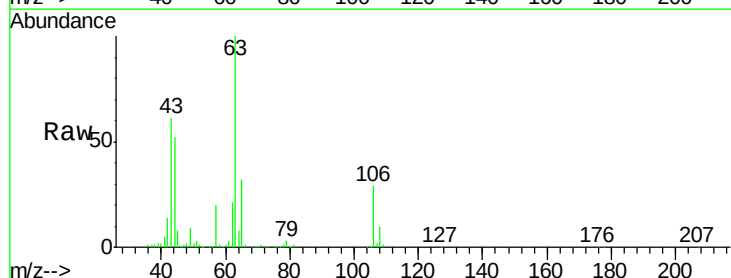
Manual Integrations
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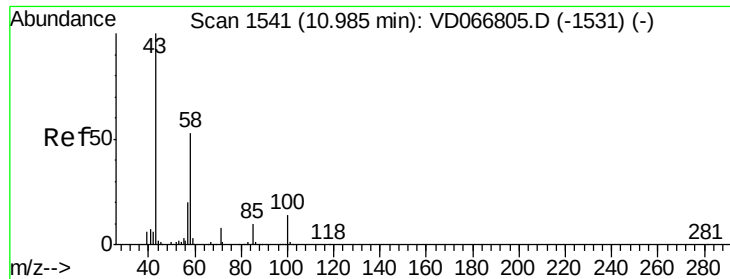
MMDadoda
 9/23/2020 1:04:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.979 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion: 63 Resp: 434752
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





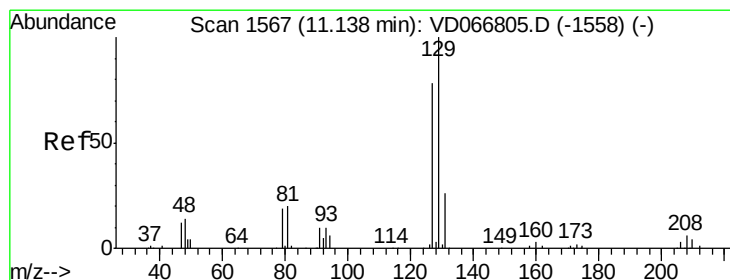
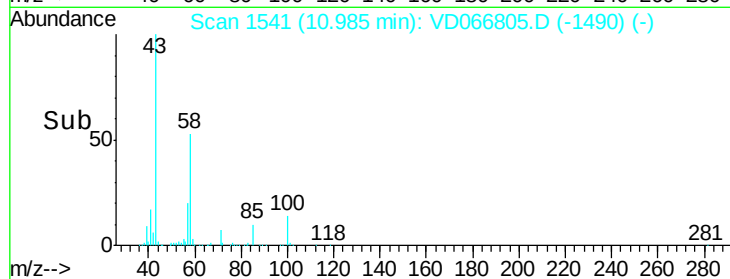
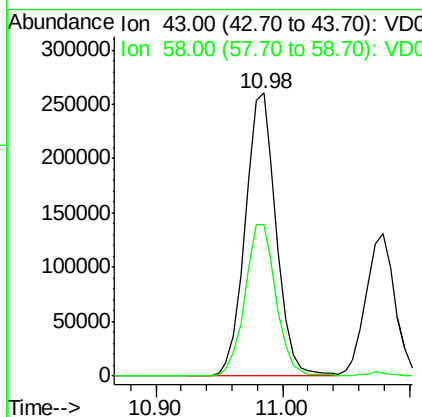
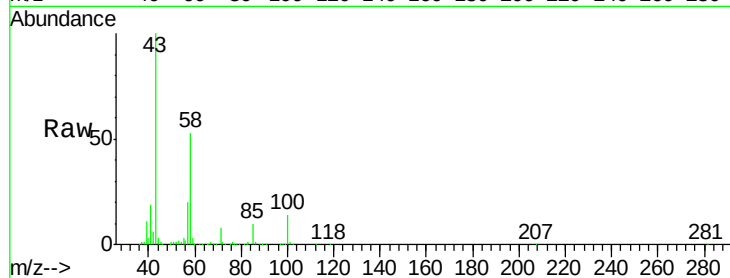
#59
2-Hexanone
Concen: 260.963 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	441528
Ion Ratio	100	Lower	Upper
43	100		
58	53.9	27.0	80.8

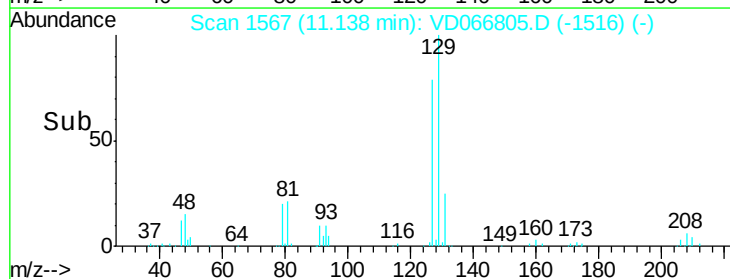
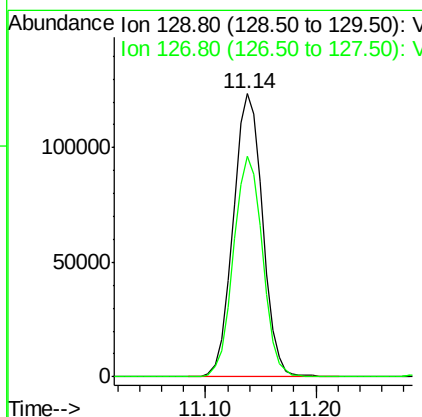
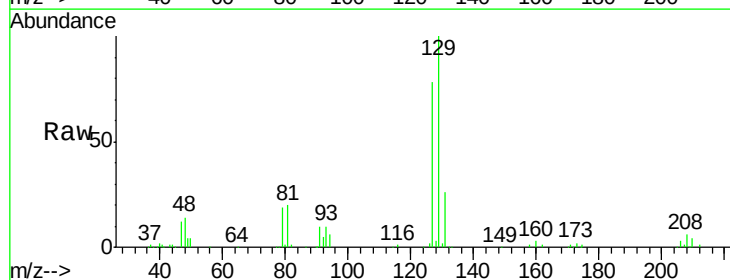
Manual Integrations
APPROVED

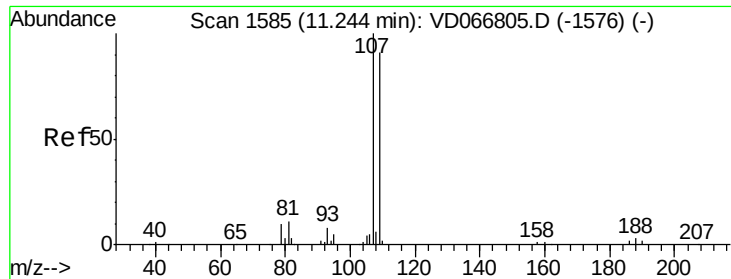
MMDadoda
9/23/2020 1:04:59 PM



#60
Dibromochloromethane
Concen: 52.781 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	129	Resp	231018	
Ion Ratio	129	100	Lower	Upper
127	77.3	38.6	116.0	





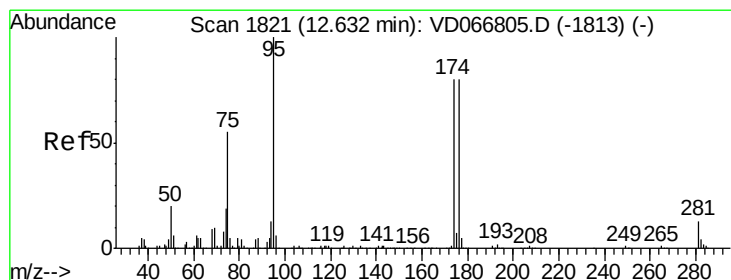
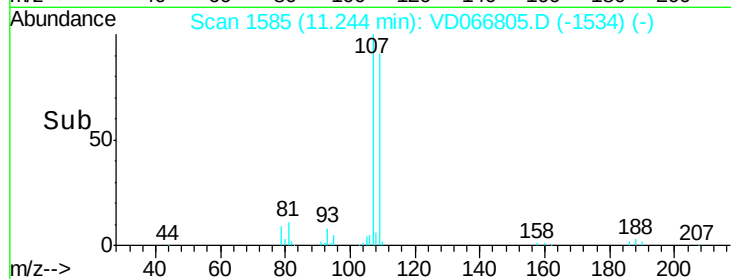
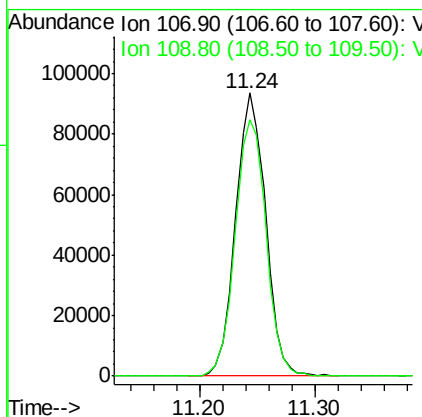
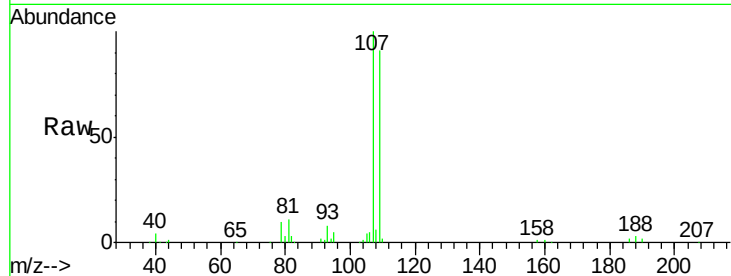
#61
 1,2-Dibromoethane
 Concen: 52.181 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.0	112.4

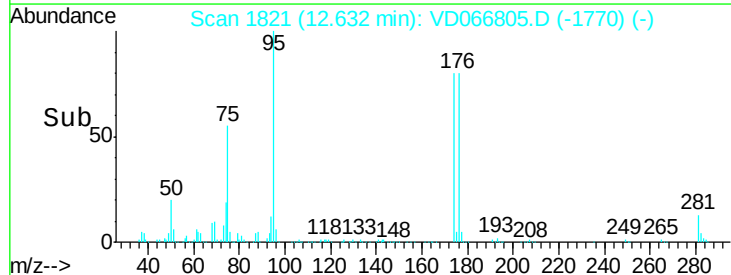
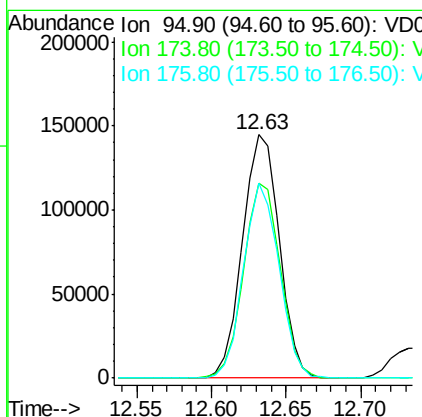
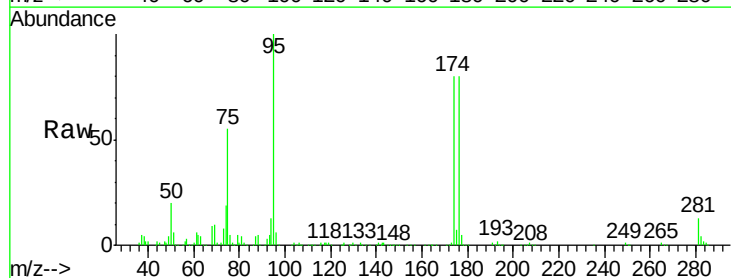
Manual Integrations
 APPROVED

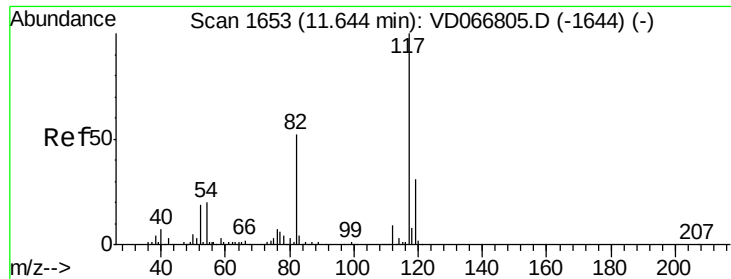
MMDadoda
 9/23/2020 1:04:59 PM



#62
 4-Bromofluorobenzene
 Concen: 48.927 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	159.8
176	77.2	0.0	154.4





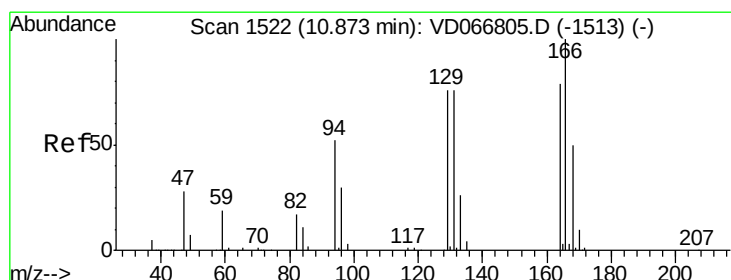
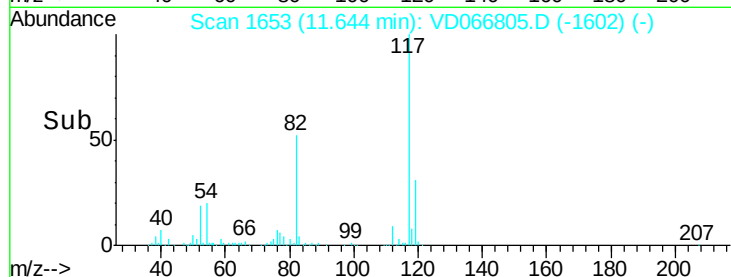
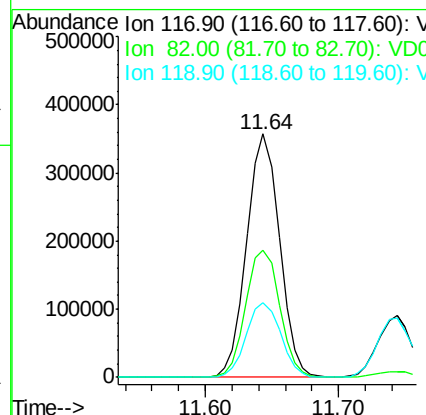
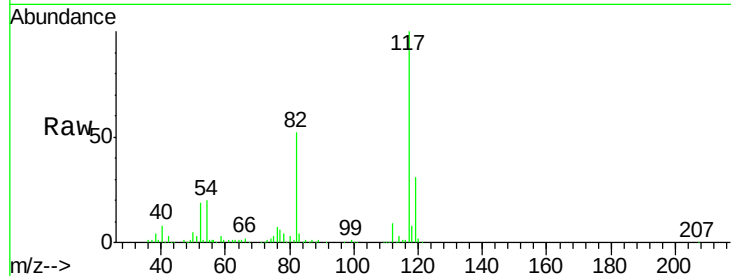
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	609679		
82	52.2		41.8	62.6
119	30.8		24.6	37.0

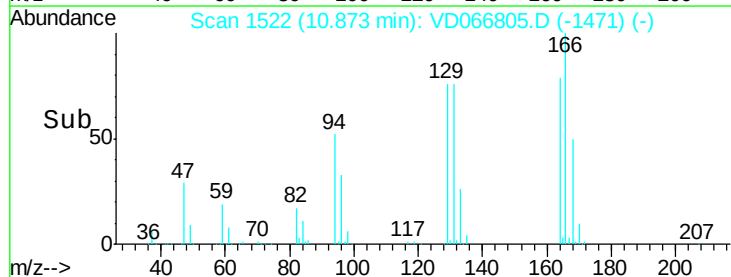
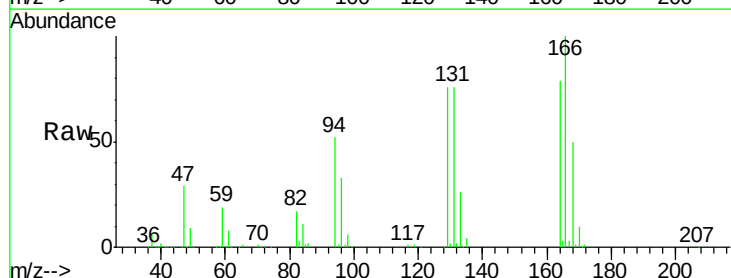
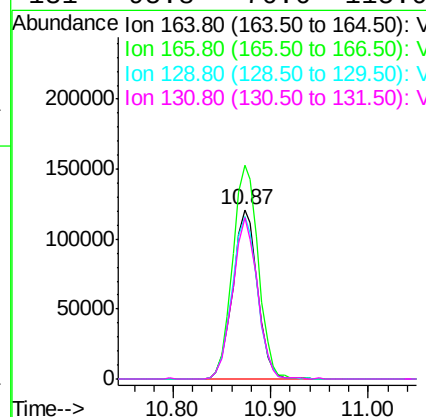
Manual Integrations
APPROVED

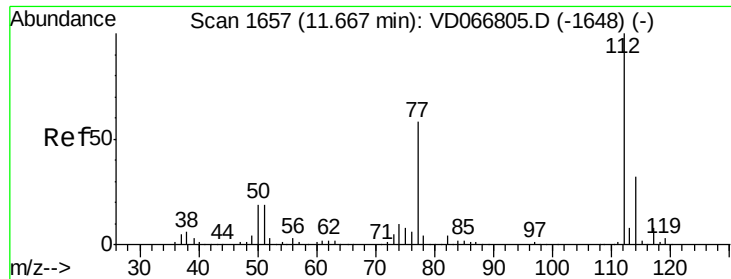
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#64
Tetrachloroethene
Concen: 50.832 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	213091		
166	126.4		101.1	151.7
129	96.2		77.0	115.4
131	95.8		76.6	115.0





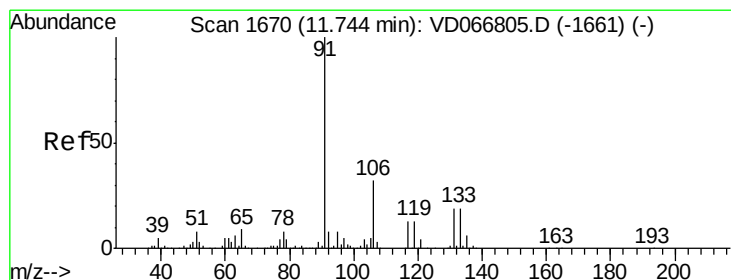
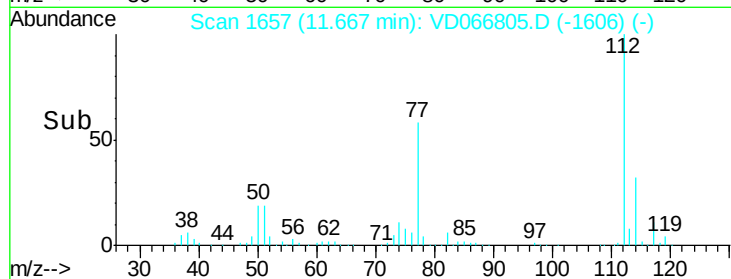
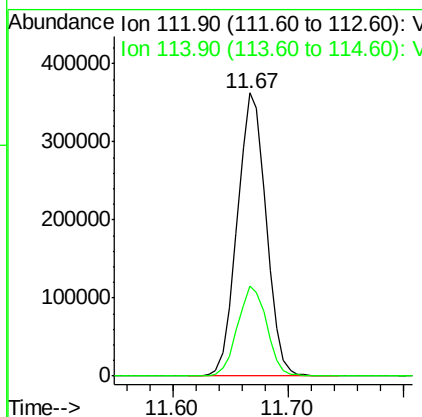
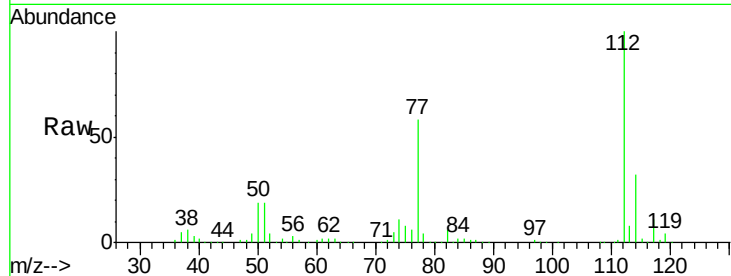
#65
Chlorobenzene
Concen: 49.938 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

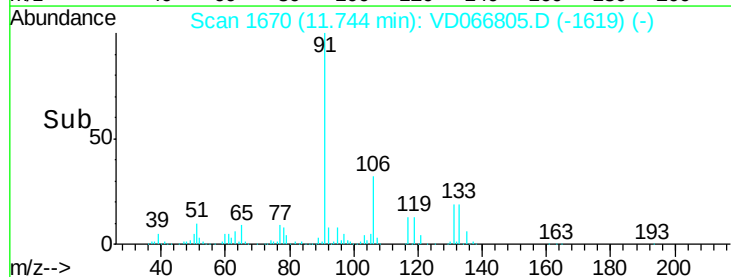
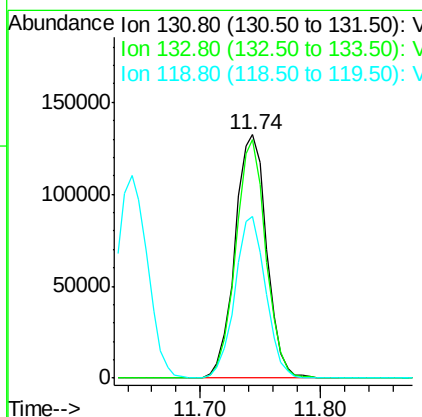
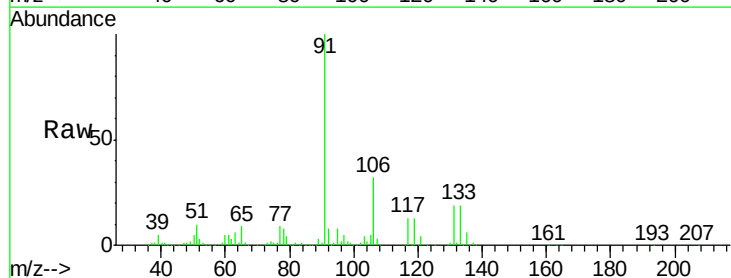
Manual Integrations
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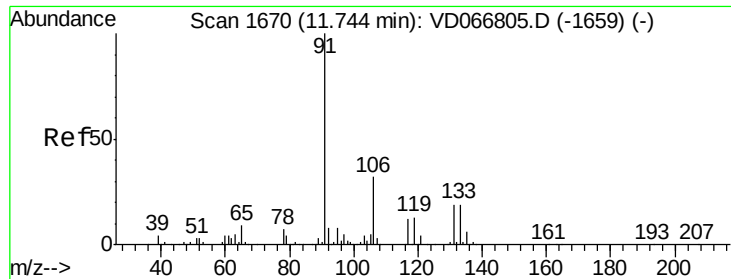
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.667 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	46.7	140.1
119	64.6	32.3	96.9





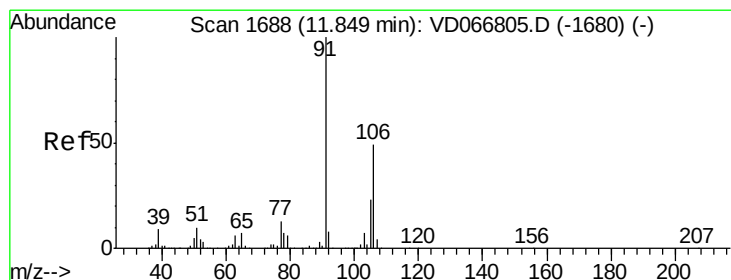
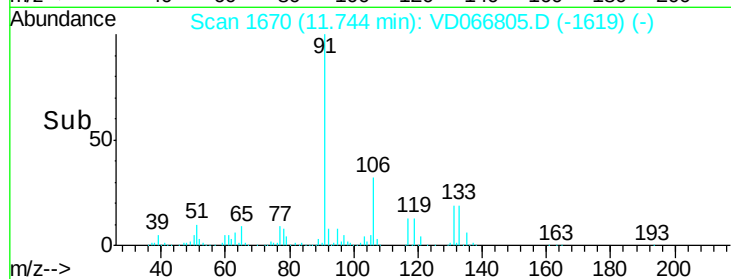
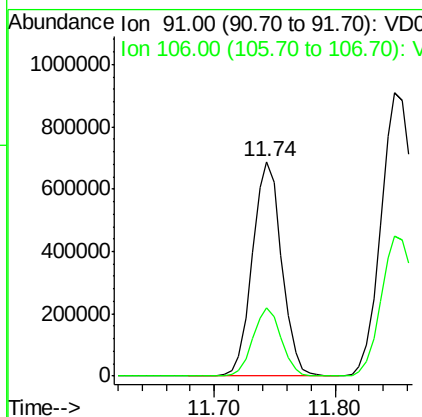
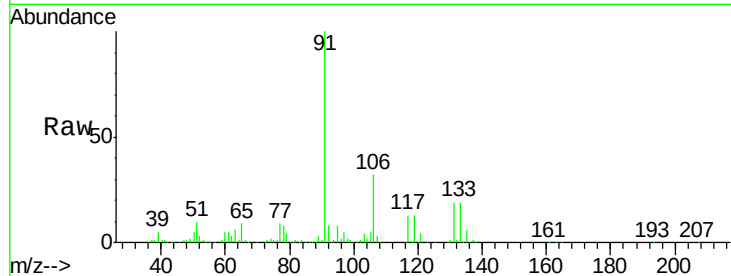
#67
Ethyl Benzene
Concen: 50.910 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1157919
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

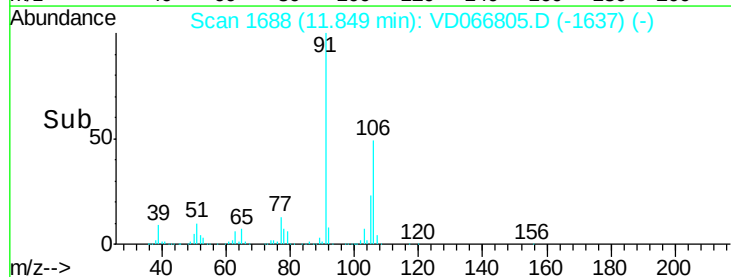
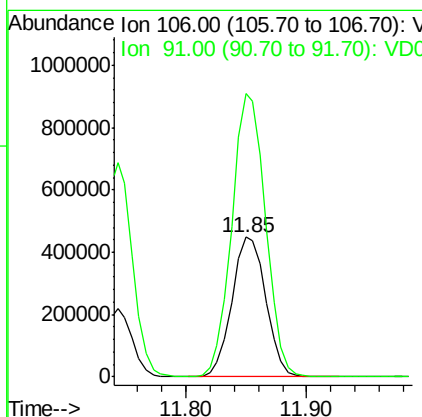
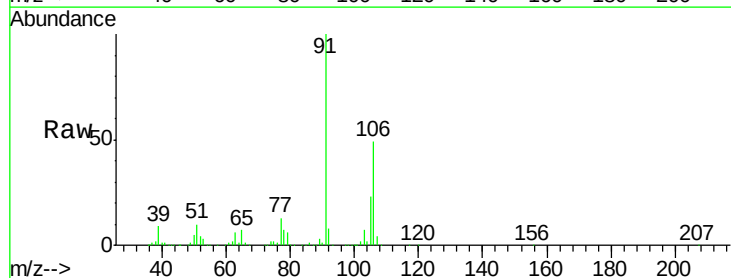
Manual Integrations
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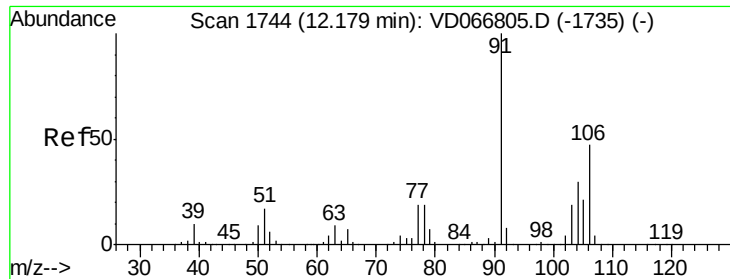
MMDadoda
9/23/2020 1:04:59 PM



#68
m/p-Xylenes
Concen: 101.675 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion: 106 Resp: 876383
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1





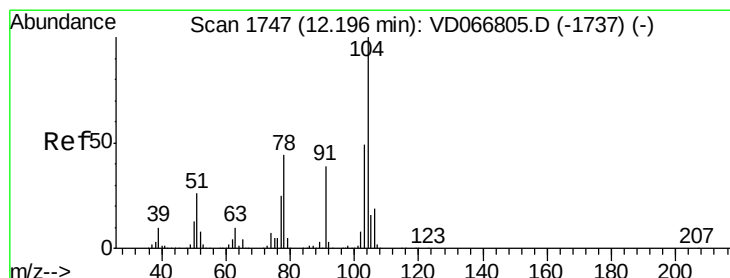
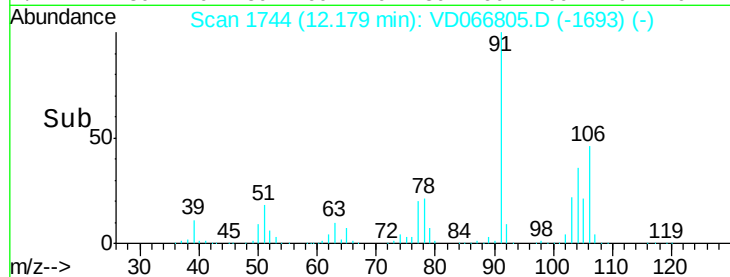
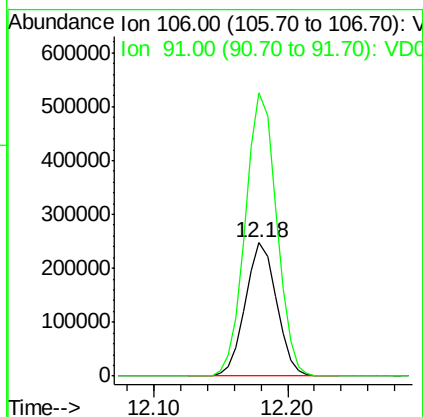
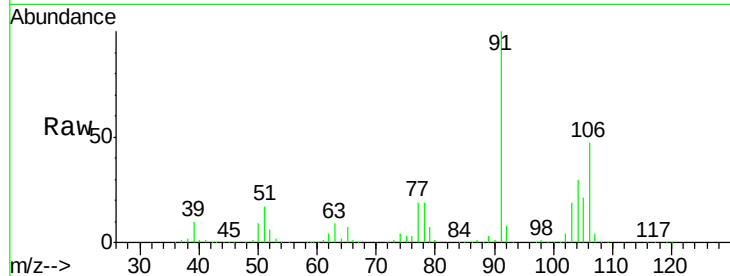
#69
o-Xylene
Concen: 52.437 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	400618		
91	212.5	106.3	318.8	

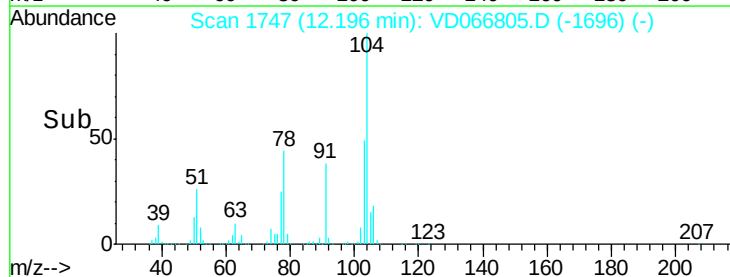
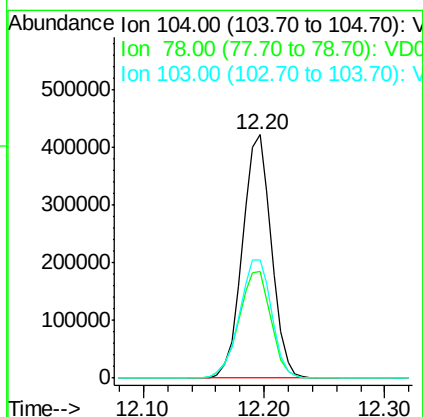
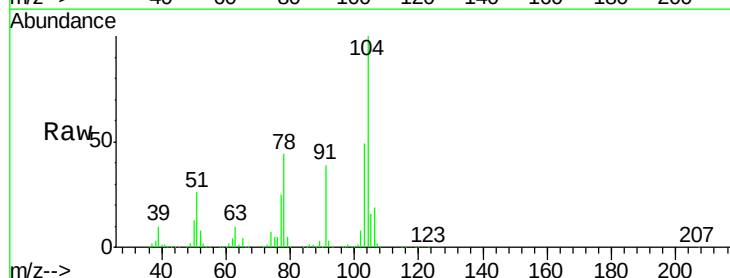
Manual Integrations
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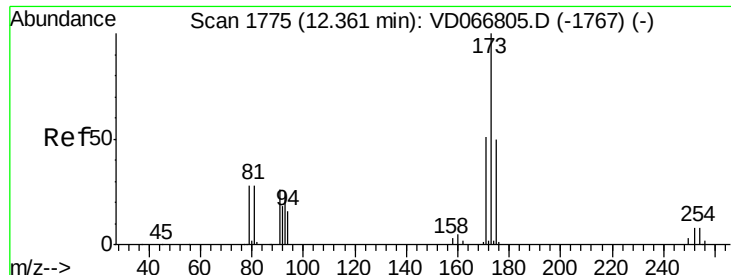
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#70
Styrene
Concen: 52.535 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	704687		
78	48.6	38.9	58.3	
103	54.0	43.2	64.8	





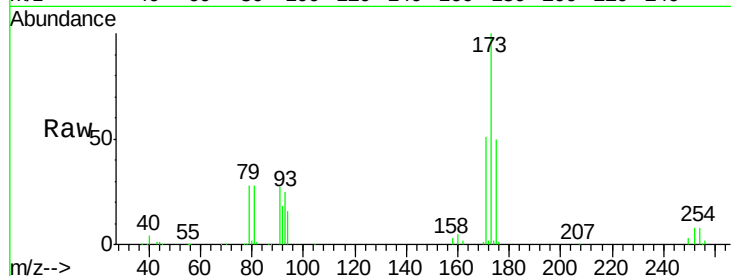
#71
Bromoform
Concen: 53.041 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

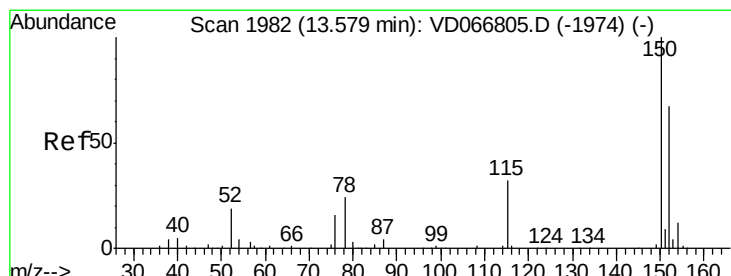
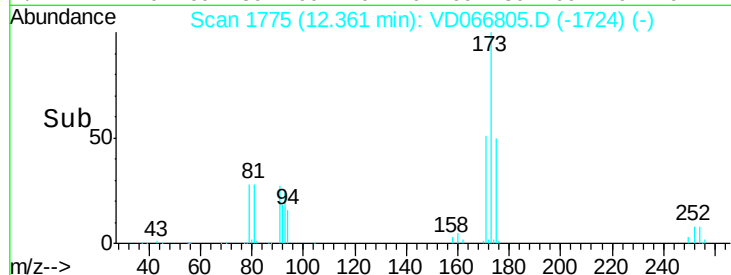
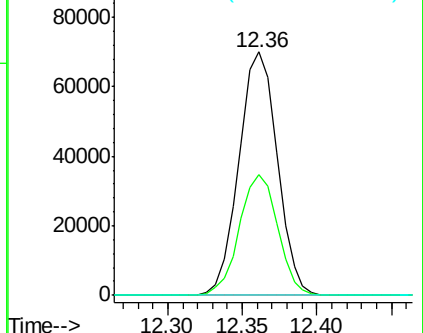
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1

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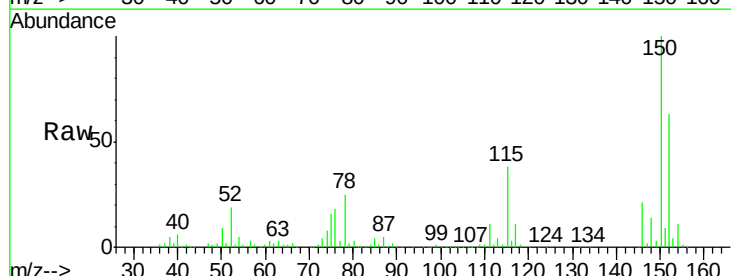


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

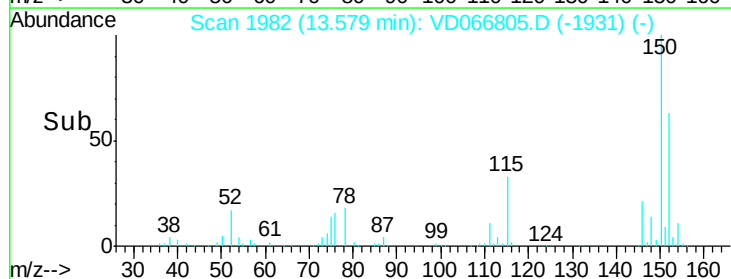
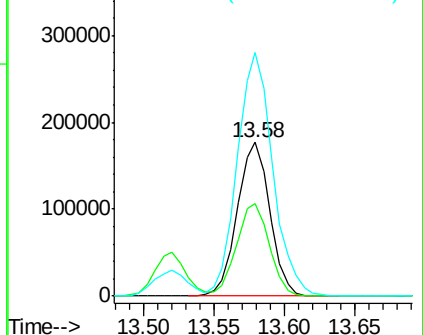


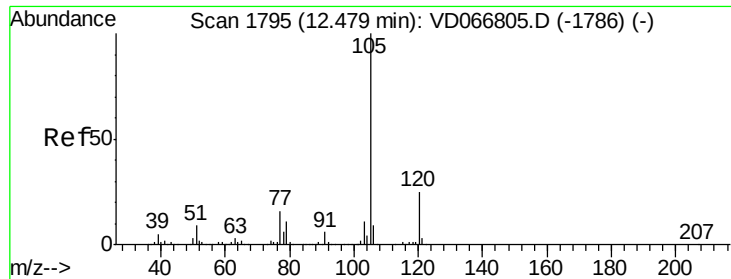
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.3	91.0
150	173.1	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.752 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1096613

Ion Ratio Lower Upper

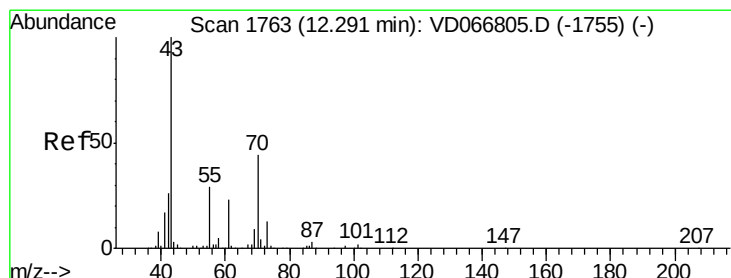
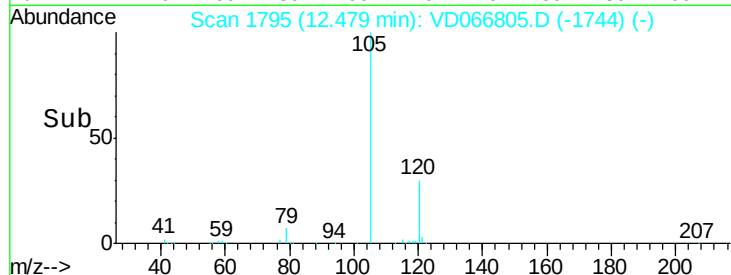
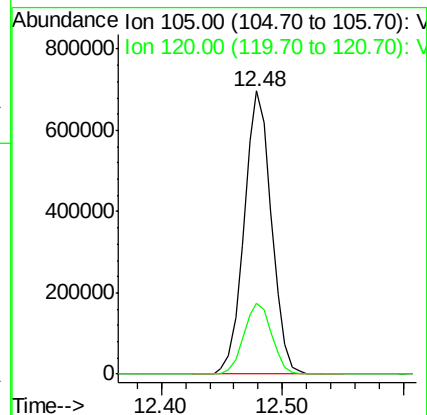
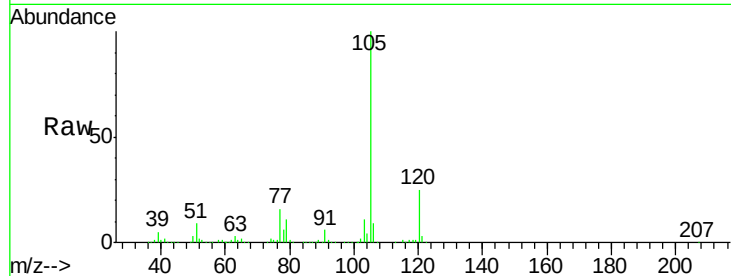
105 100

120 25.7 12.9 38.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 49.806 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion: 43 Resp: 221696

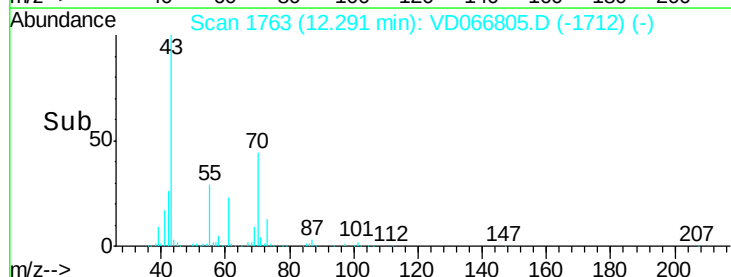
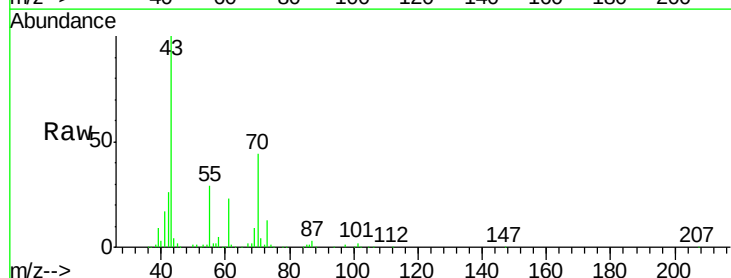
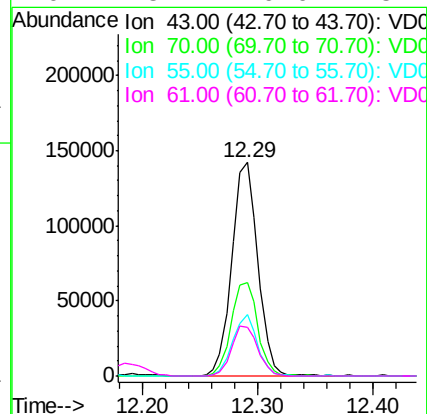
Ion Ratio Lower Upper

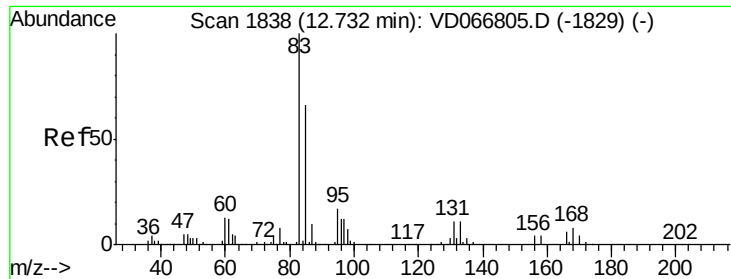
43 100

70 45.1 36.1 54.1

55 27.3 21.8 32.8

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.299 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

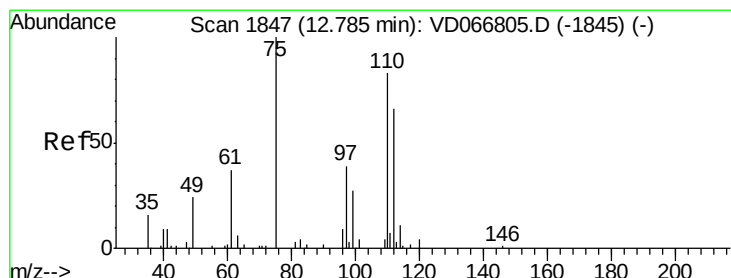
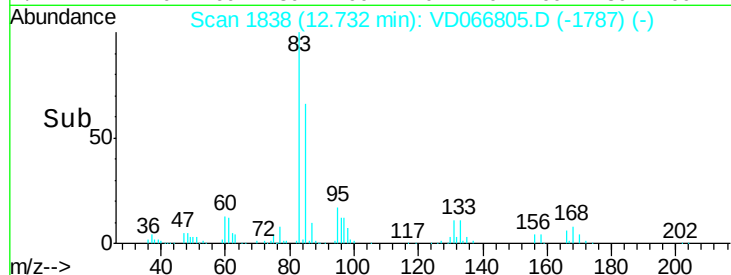
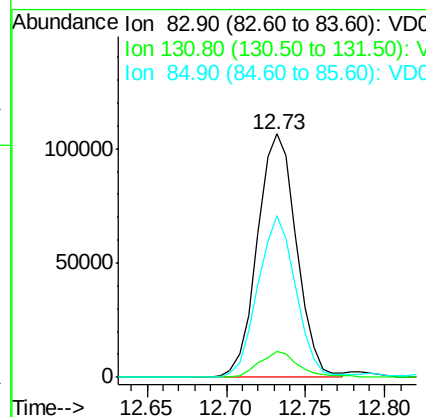
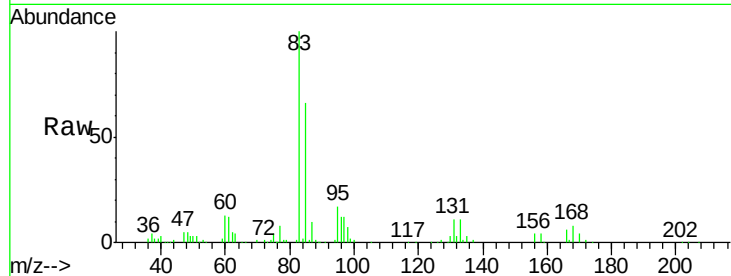
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	183121
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	64.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.044 ug/l m

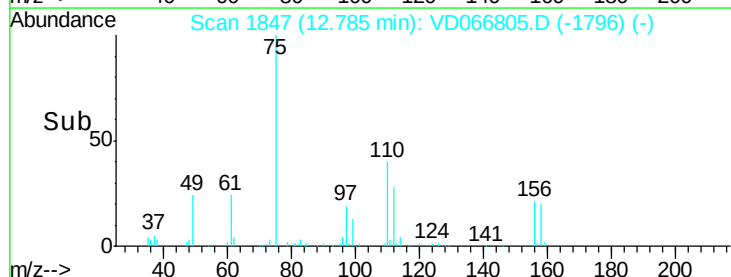
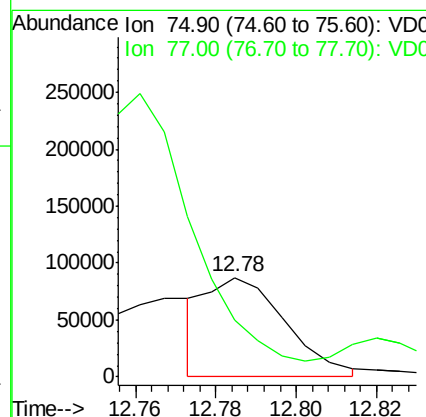
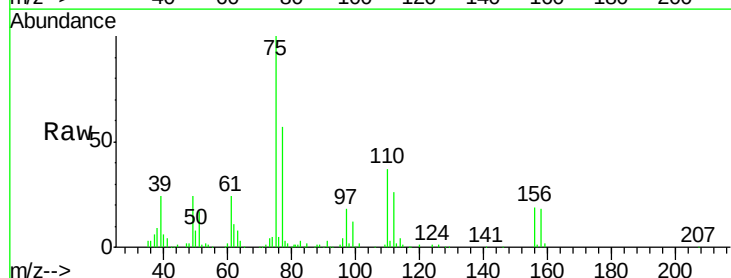
RT: 12.78 min Scan# 1847

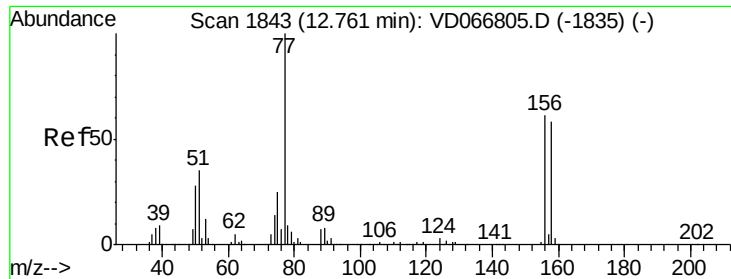
Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	75	Resp:	120303
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





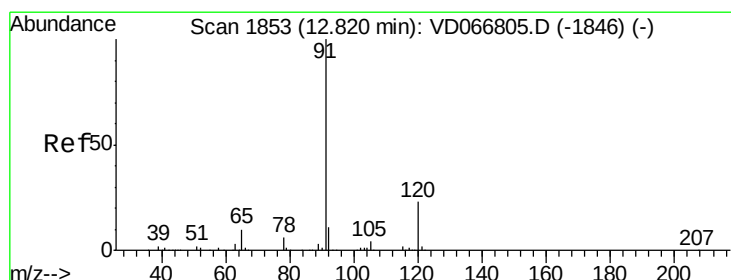
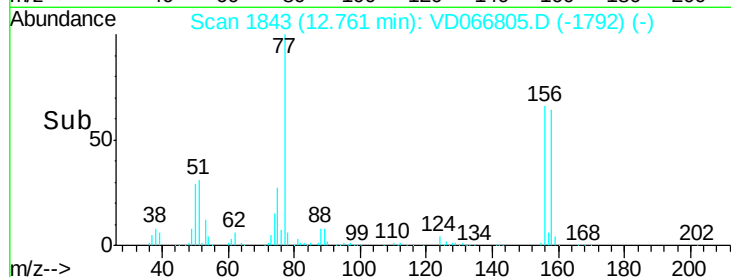
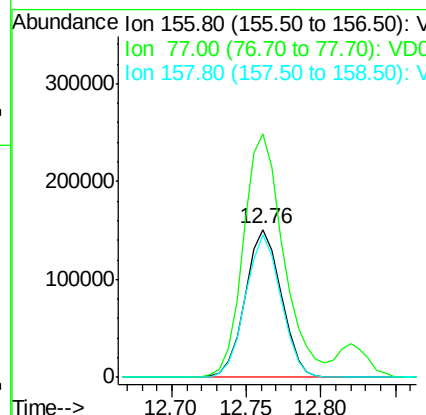
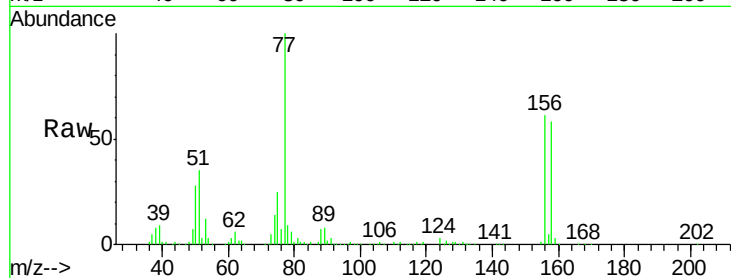
#77
Bromobenzene
Concen: 50.870 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		250820		
77	184.6	92.3	276.9		
158	95.3	47.6	142.9		

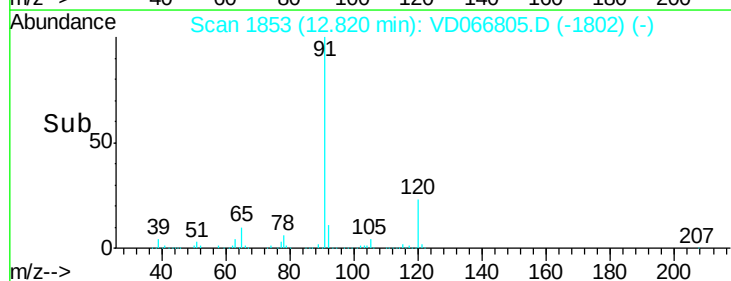
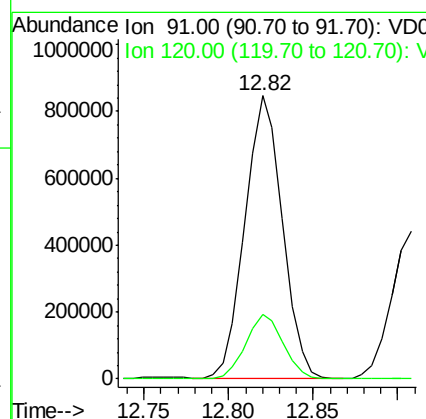
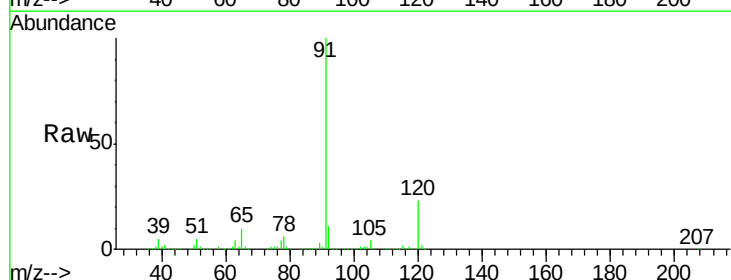
Manual Integrations
APPROVED

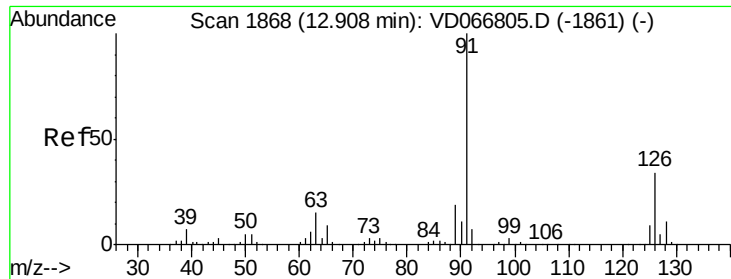
MMDadoda
9/23/2020 1:04:59 PM



#78
n-propylbenzene
Concen: 50.695 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1306369		
120	22.8	11.4	34.2		





#79

2-Chlorotoluene

Concen: 49.487 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 720838

Ion Ratio Lower Upper

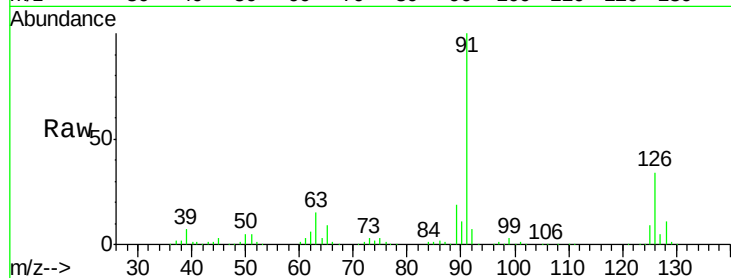
91 100

126 34.0 17.0 51.0

Manual Integrations
APPROVED

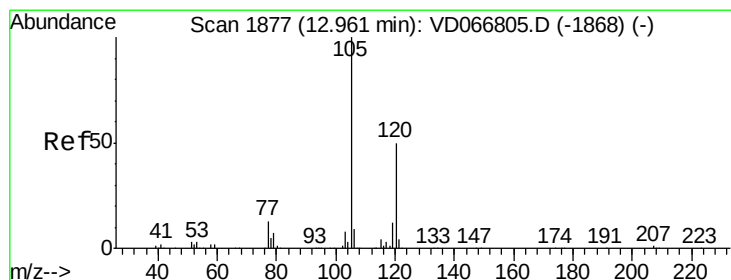
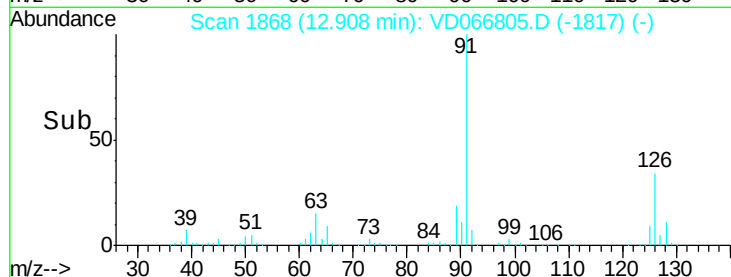
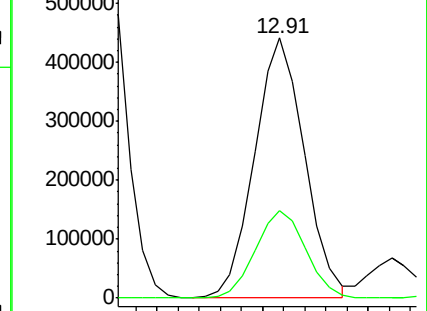
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.255 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066805.D

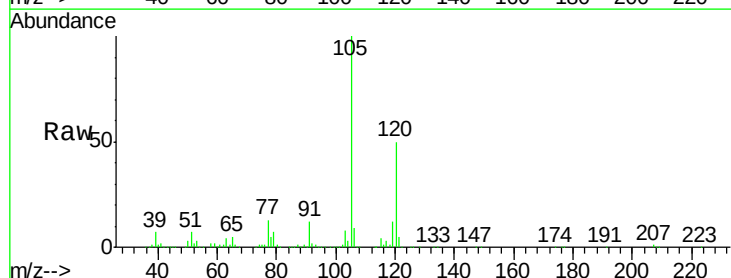
Acq: 22 Sep 2020 12:11

Tgt Ion: 105 Resp: 917003

Ion Ratio Lower Upper

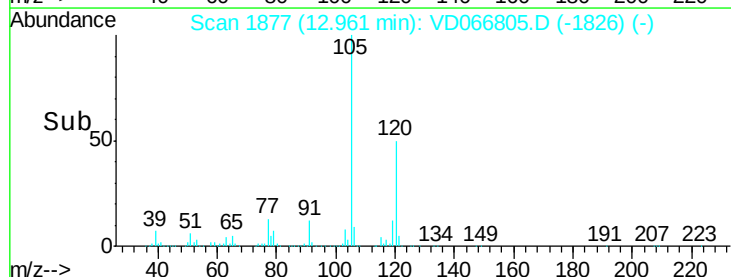
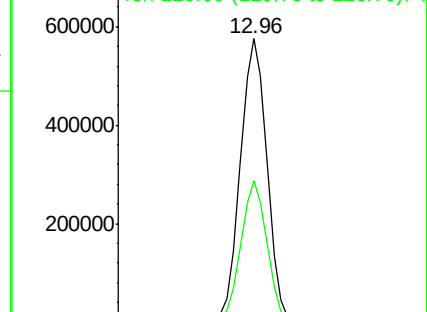
105 100

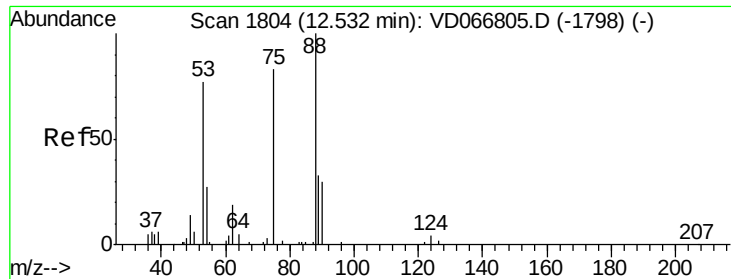
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.968 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 52392

Ion Ratio Lower Upper

75 100

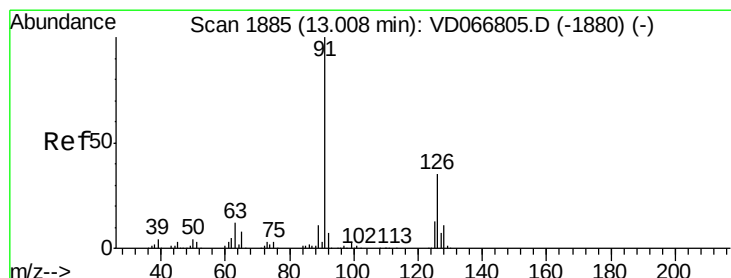
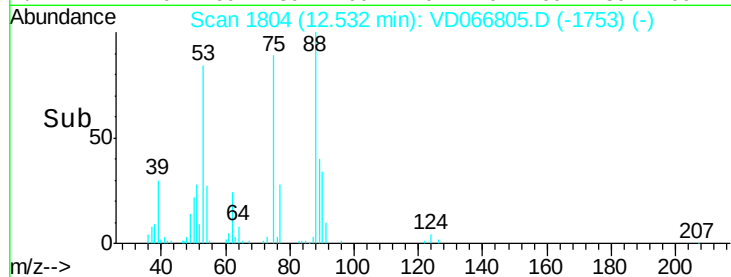
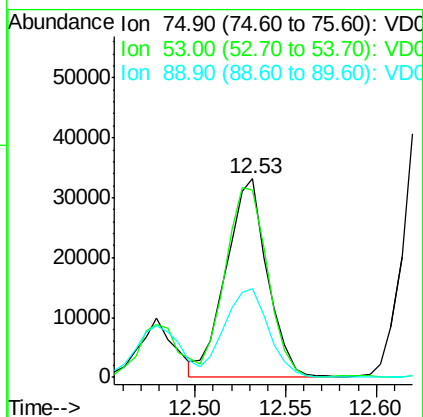
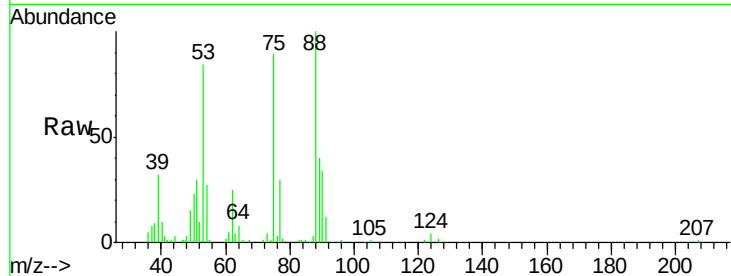
53 98.1 78.5 117.7

89 47.6 38.1 57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.744 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066805.D

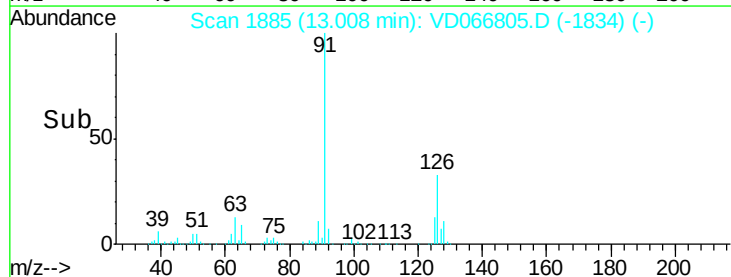
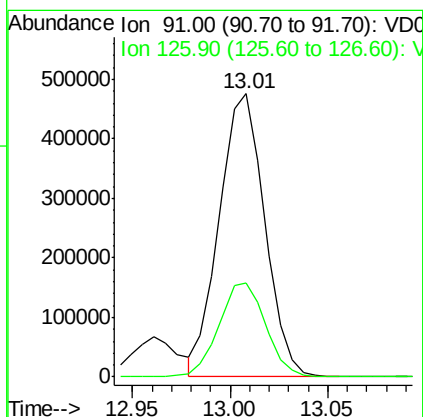
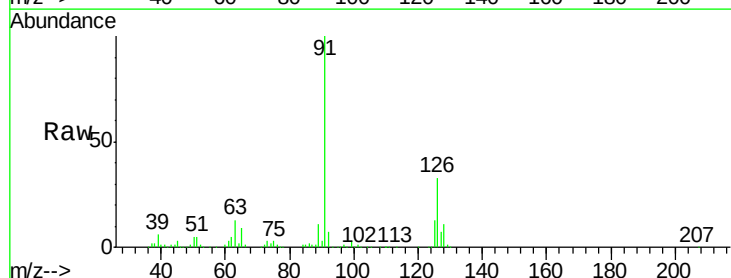
Acq: 22 Sep 2020 12:11

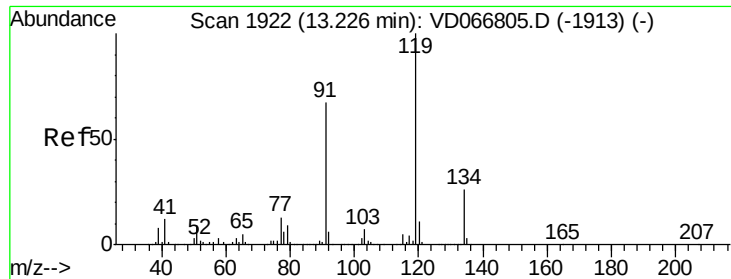
Tgt Ion: 91 Resp: 768318

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2





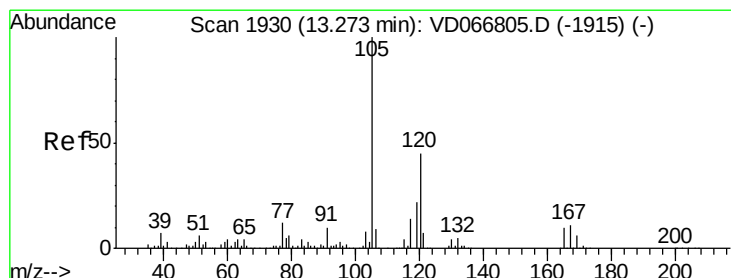
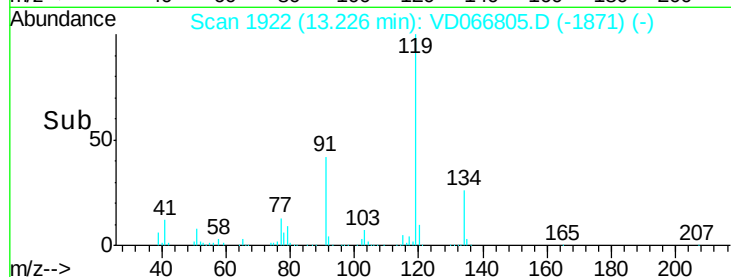
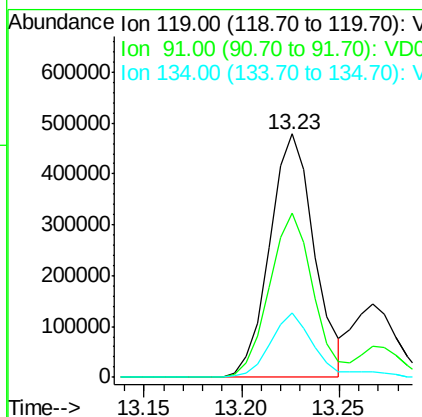
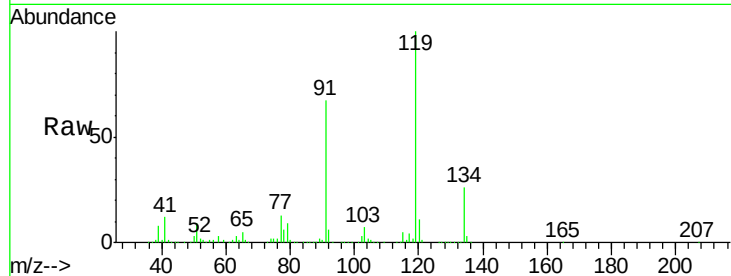
#83
 tert-Butylbenzene
 Concen: 51.240 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	757349		
91	67.2		33.6	100.8
134	26.9		13.5	40.4

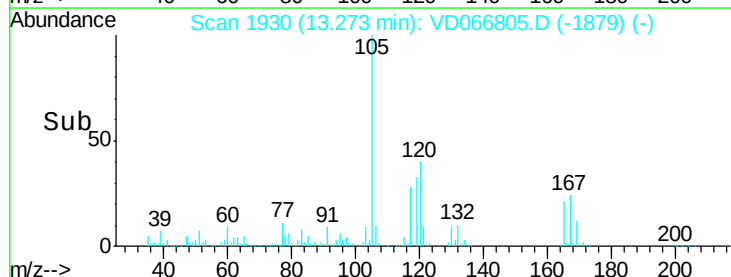
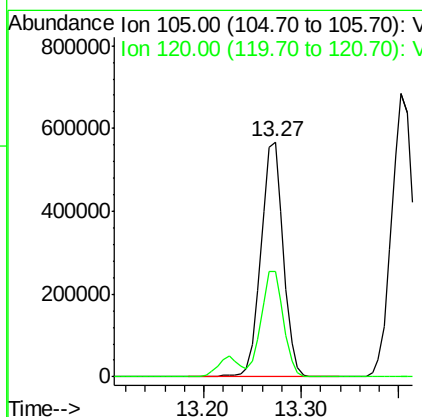
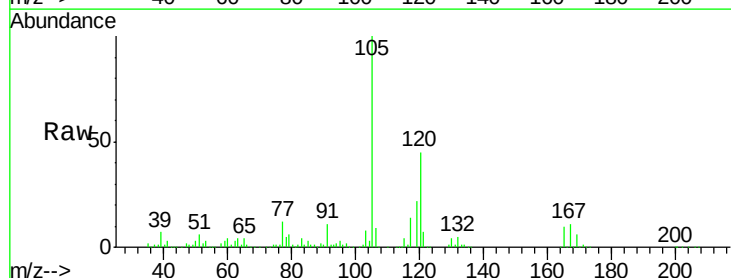
Manual Integrations
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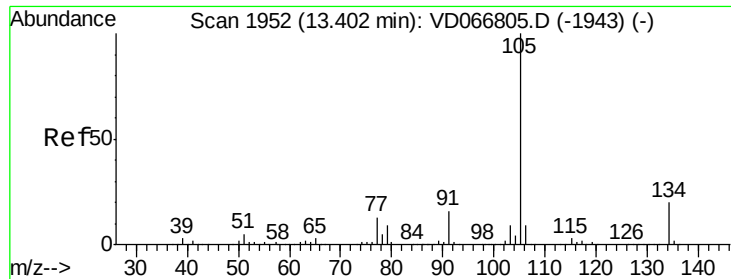
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.925 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	910991		
120	44.6		22.3	66.9





#85

sec-Butylbenzene

Concen: 51.011 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1078653

Ion Ratio Lower Upper

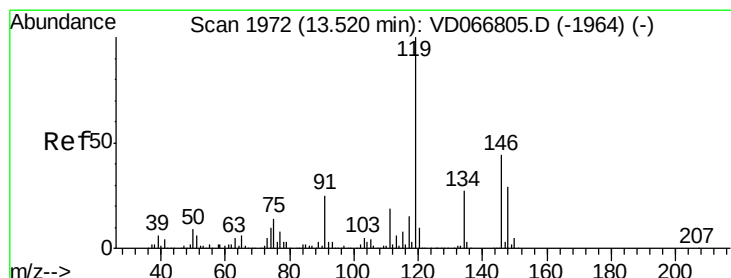
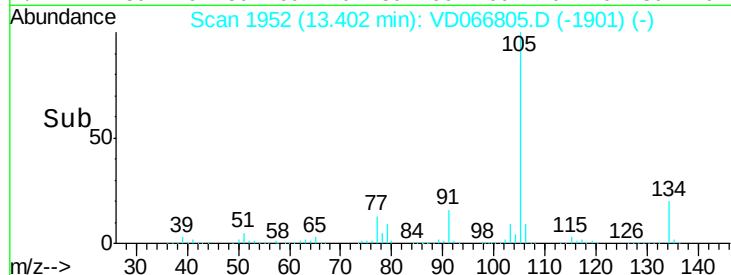
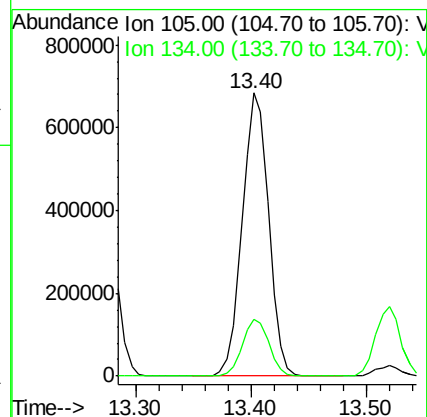
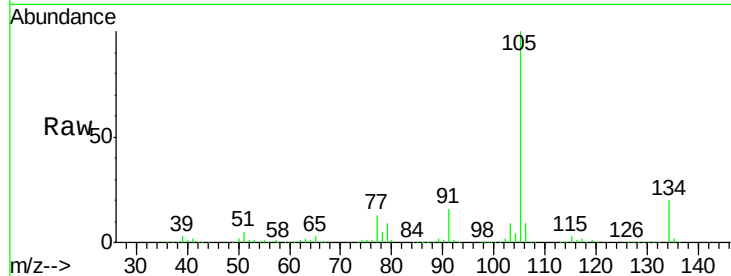
105 100

134 20.4 10.2 30.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.353 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

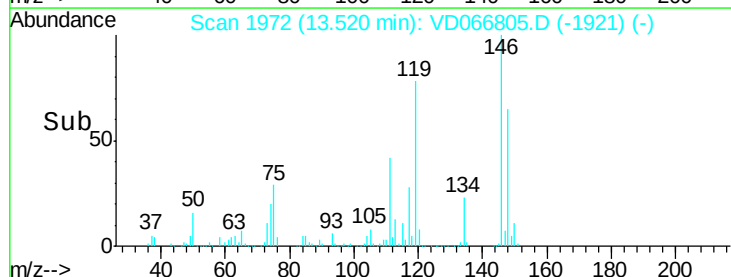
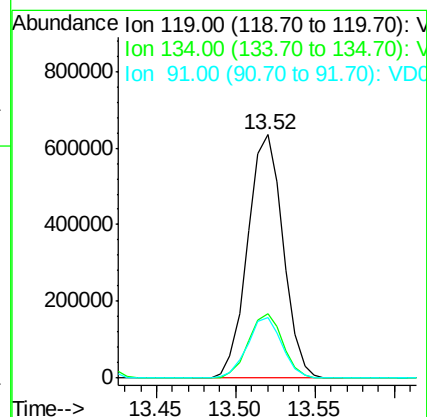
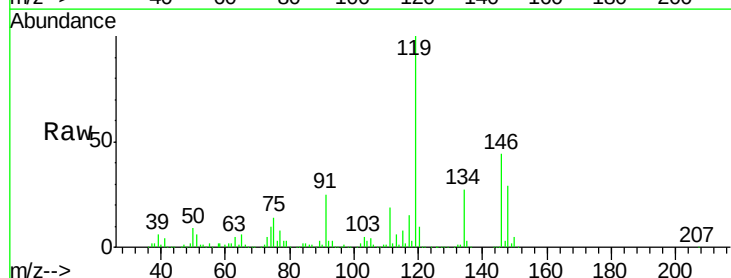
Tgt Ion:119 Resp: 986549

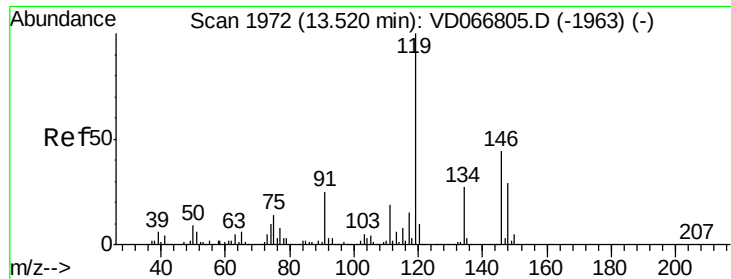
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 24.1 12.0 36.1





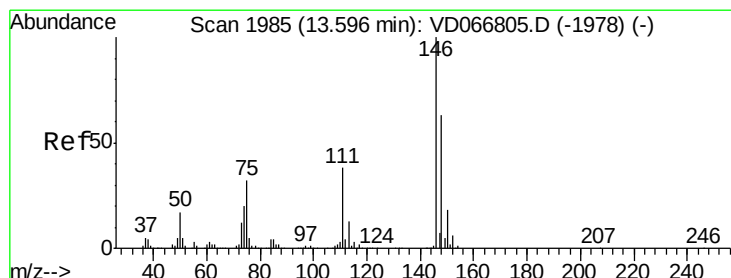
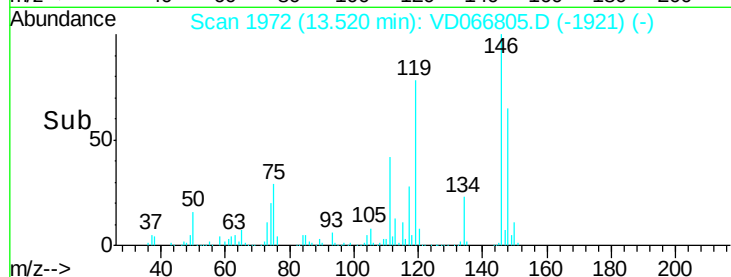
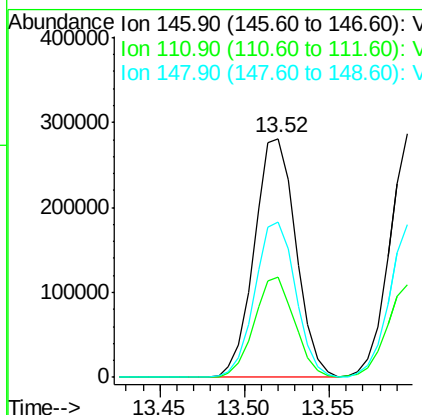
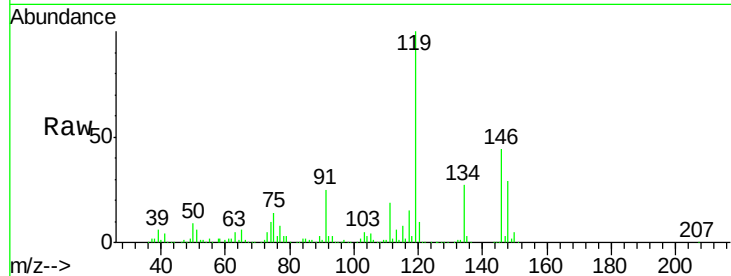
#87
 1,3-Dichlorobenzene
 Concen: 51.159 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	481896		
111	40.6	20.3	60.9	
148	63.7	31.9	95.5	

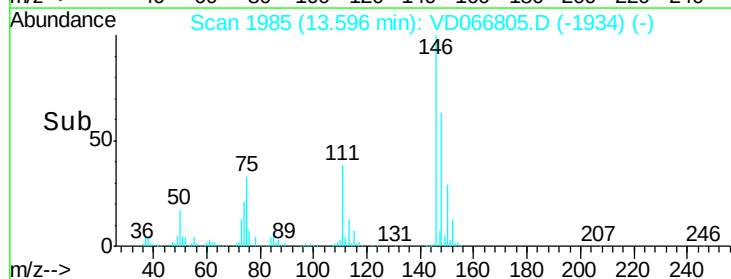
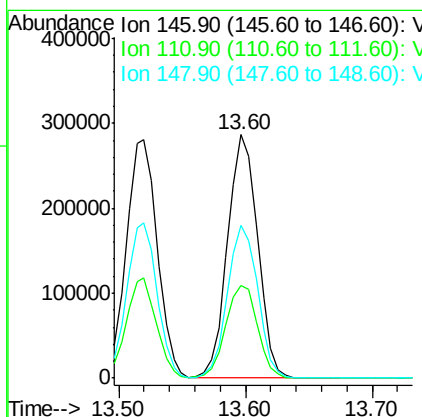
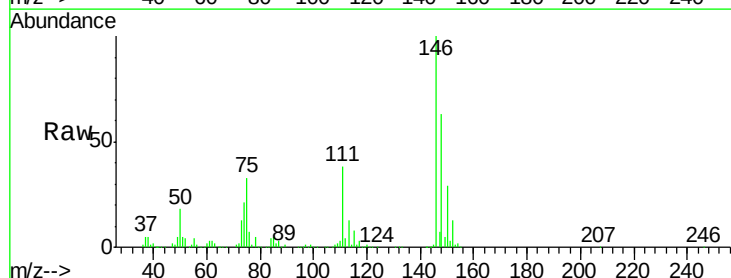
Manual Integrations
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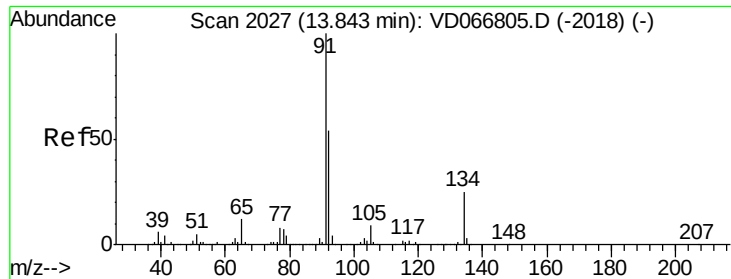
MMDadoda
 9/23/2020 1:04:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.021 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	469627		
111	40.3	20.2	60.5	
148	63.1	31.6	94.7	





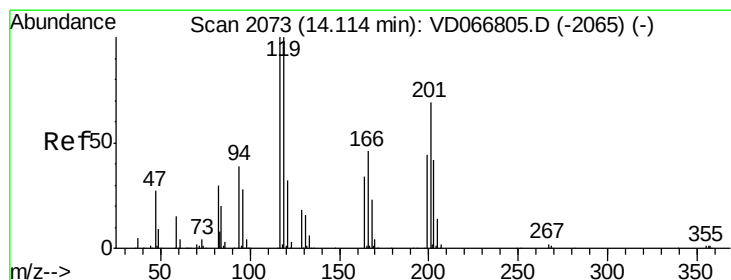
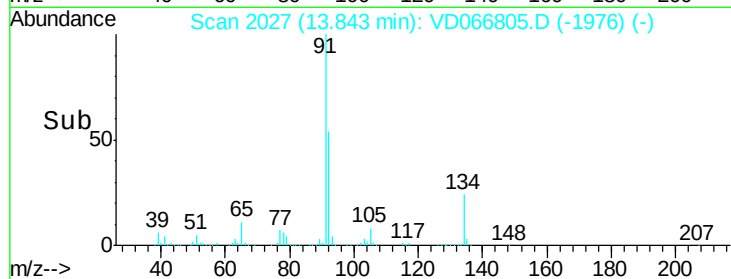
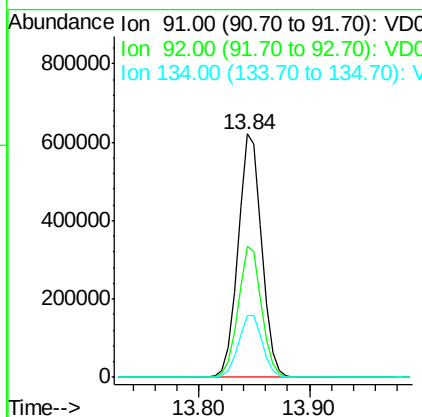
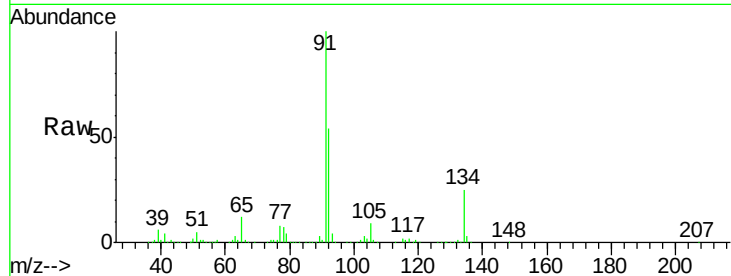
#89
n-Butylbenzene
Concen: 51.160 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	26.7	80.0	
134	26.1	13.1	39.1	

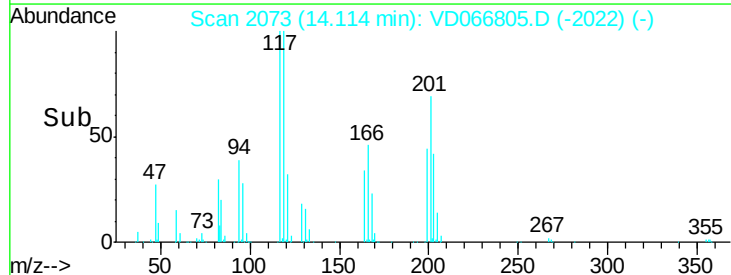
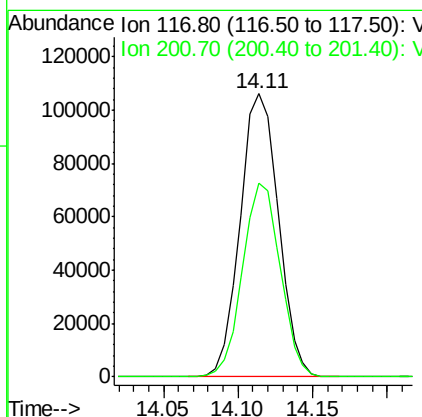
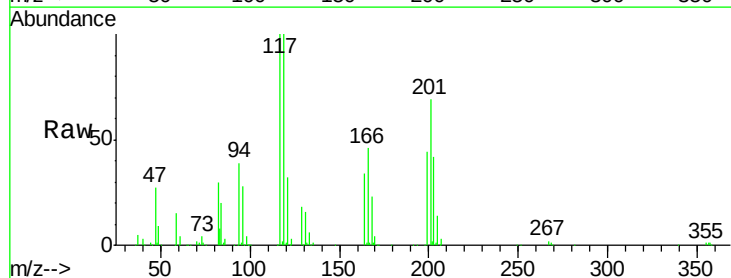
Manual Integrations
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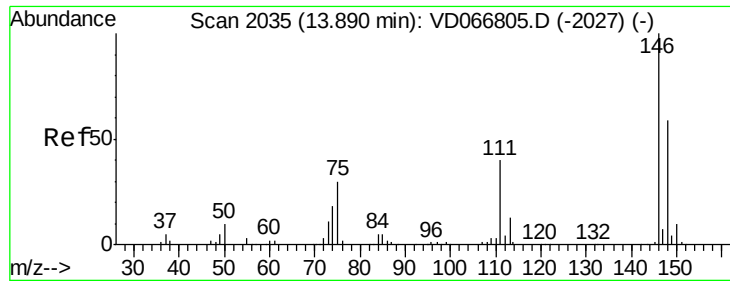
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#90
Hexachloroethane
Concen: 48.121 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066805.D
Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.3	33.7	101.0	





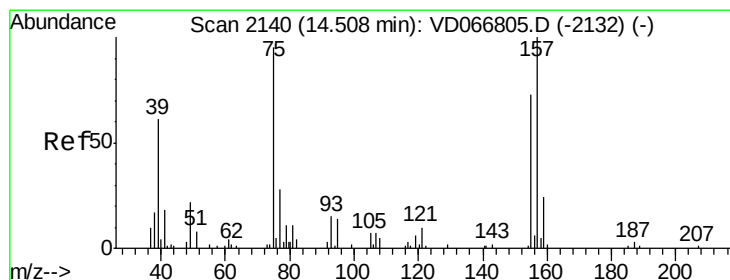
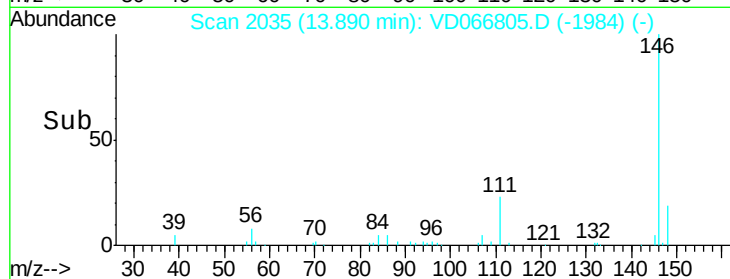
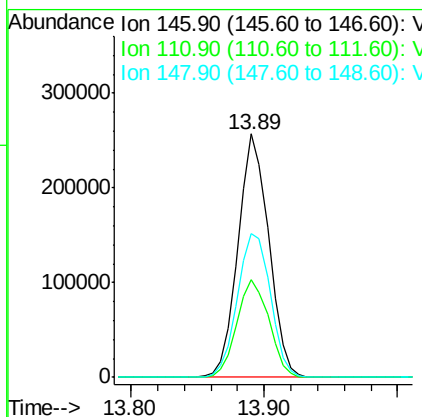
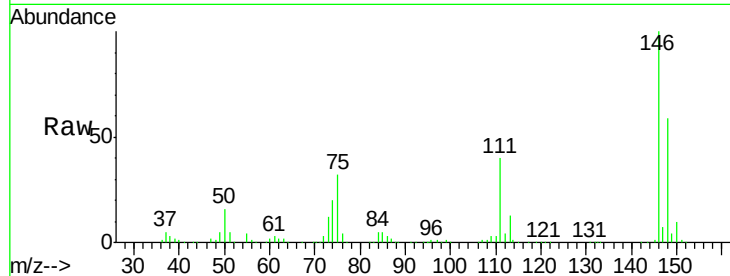
#91
 1,2-Dichlorobenzene
 Concen: 50.776 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	63.5	31.8	95.3

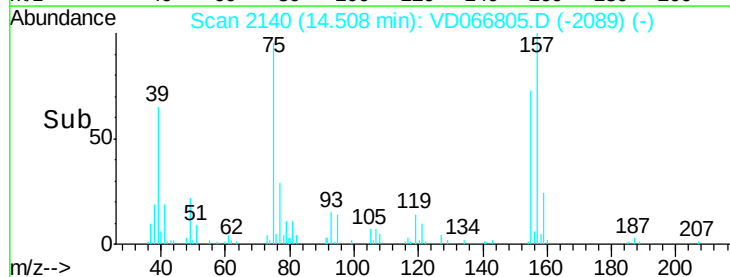
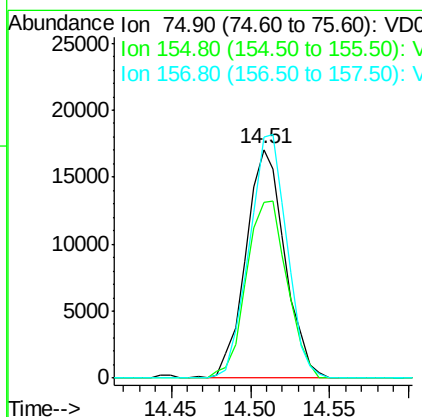
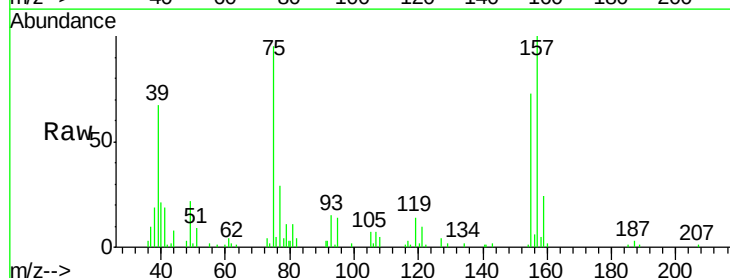
Manual Integrations
 APPROVED

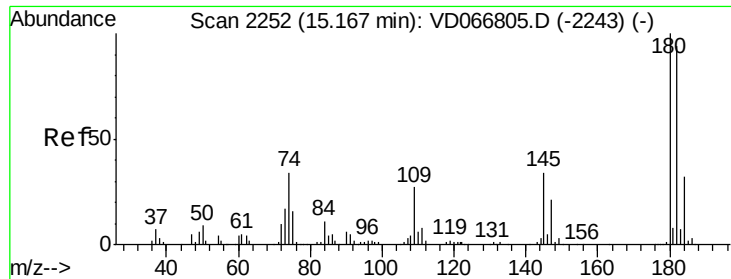
MMDadoda
 9/23/2020 1:04:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.182 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	40.4	121.2
157	102.6	51.3	153.9





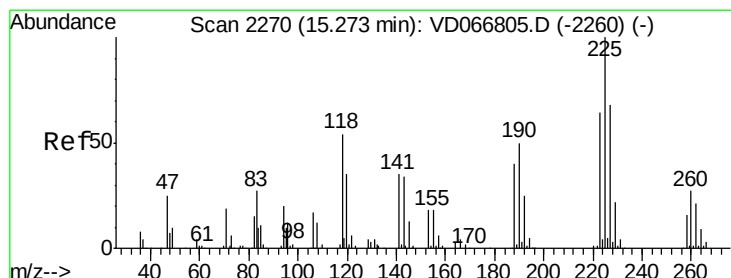
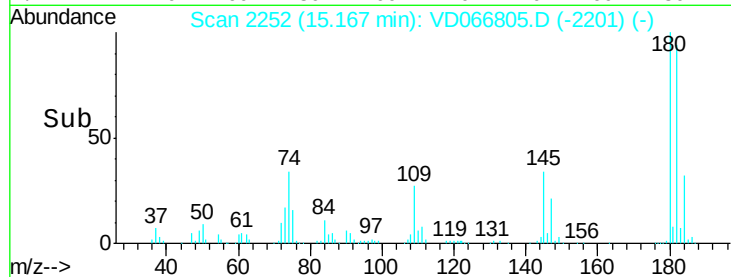
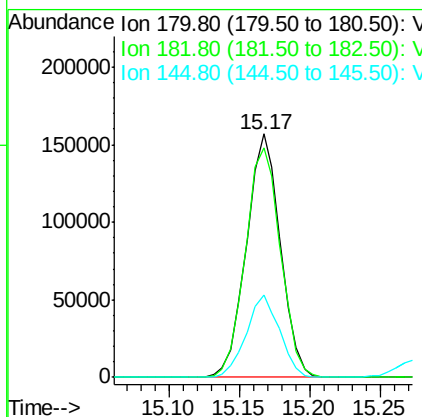
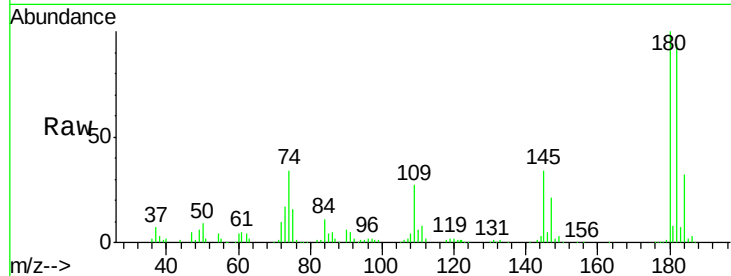
#93
 1,2,4-Trichlorobenzene
 Concen: 54.148 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	264712		
182	97.5	48.8	146.3	
145	33.3	16.7	50.0	

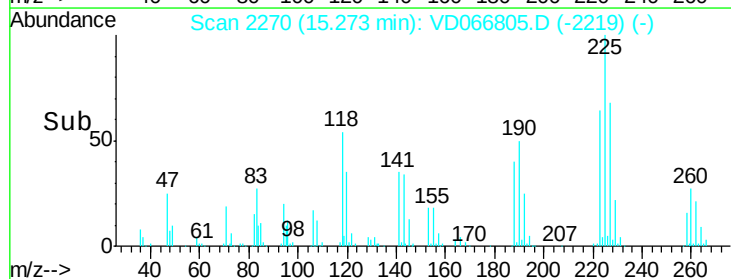
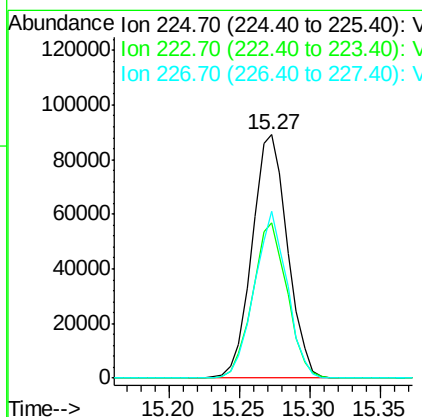
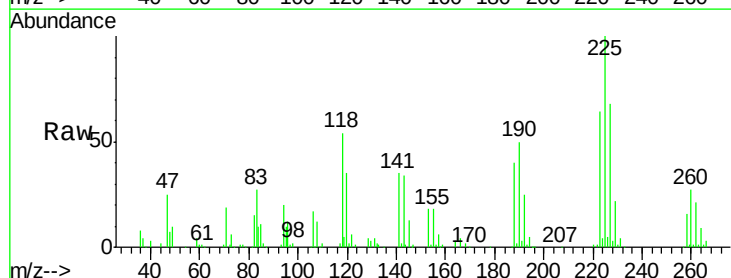
Manual Integrations
 APPROVED

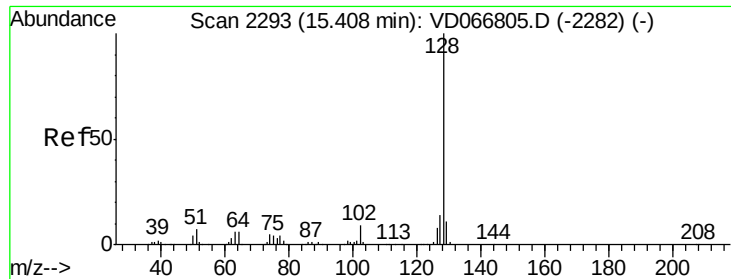
MMDadoda
 9/23/2020 1:04:59 PM



#94
 Hexachlorobutadiene
 Concen: 53.235 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066805.D
 Acq: 22 Sep 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157026		
223	62.2	31.1	93.3	
227	63.4	31.7	95.1	





#95

Naphthalene

Concen: 57.252 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Instrument :

MSVOA_D

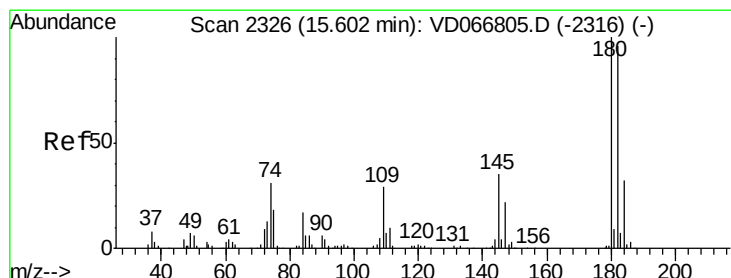
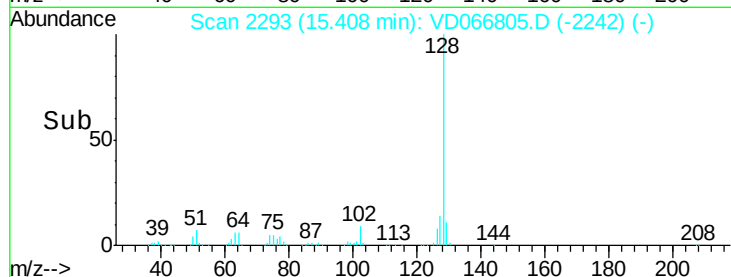
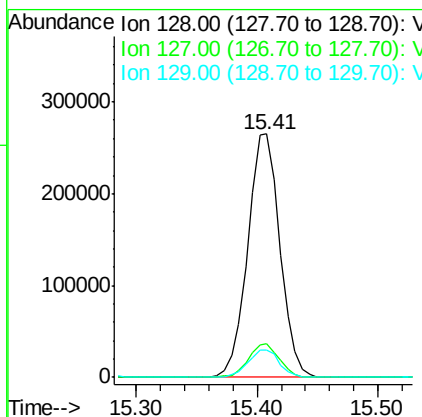
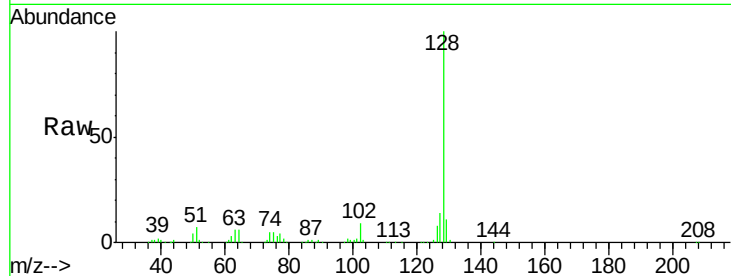
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	493426
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:04:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.960 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066805.D

Acq: 22 Sep 2020 12:11

Tgt Ion:	180	Resp:	236608
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.8	140.3
145	34.0	17.0	51.0

