

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066099.D
 Acq On : 29 Jul 2020 19:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:19:45 PM

Quant Time: Jul 30 02:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	208593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	315347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	101591	59.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.70%	
35) Dibromofluoromethane	7.91	113	98980	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.34	98	375498	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.64	95	138518	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	62964	39.775	ug/l	98
3) Chloromethane	2.21	50	55346	42.842	ug/l	97
4) Vinyl Chloride	2.35	62	55200	44.870	ug/l	97
5) Bromomethane	2.77	94	45213	52.510	ug/l	94
6) Chloroethane	2.92	64	37645	51.261	ug/l	94
7) Trichlorofluoromethane	3.27	101	148622	49.668	ug/l	96
8) Diethyl Ether	3.71	74	41379	50.029	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84020	46.502	ug/l	97
10) Methyl Iodide	4.30	142	95510	51.919	ug/l	92
11) Tert butyl alcohol	5.21	59	29666	281.203	ug/l #	95
12) 1,1-Dichloroethene	4.06	96	81816	47.439	ug/l	96
13) Acrolein	3.92	56	28247	197.530	ug/l	94
14) Allyl chloride	4.71	41	121158	44.941	ug/l #	85
15) Acrylonitrile	5.43	53	89962	254.593	ug/l	98
16) Acetone	4.16	43	73060	212.657	ug/l	94
17) Carbon Disulfide	4.41	76	237529	42.459	ug/l	98
18) Methyl Acetate	4.71	43	38758	48.495	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	207628	58.594	ug/l	97
20) Methylene Chloride	4.96	84	100324	52.989	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	99724	51.161	ug/l	97
22) Diisopropyl ether	6.36	45	265191	51.776	ug/l	95
23) Vinyl Acetate	6.30	43	764125	264.535	ug/l	96
24) 1,1-Dichloroethane	6.26	63	164401	52.975	ug/l	99
25) 2-Butanone	7.21	43	107653	236.147	ug/l	99
26) 2,2-Dichloropropane	7.21	77	138826	49.745	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	111034	53.801	ug/l	99
28) Bromochloromethane	7.55	49	69585	52.829	ug/l	88
29) Tetrahydrofuran	7.56	42	69604	247.459	ug/l	94
30) Chloroform	7.71	83	187079	57.629	ug/l	98
31) Cyclohexane	7.98	56	126930	41.574	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	167654	55.833	ug/l	100
36) 1,1-Dichloropropene	8.11	75	131564	48.884	ug/l	98
37) Ethyl Acetate	7.29	43	53248	51.806	ug/l	95
38) Carbon Tetrachloride	8.10	117	161233	55.213	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	147424	45.233	ug/l	97
40) Benzene	8.35	78	383362	50.915	ug/l	98
41) Methacrylonitrile	7.53	41	27359	46.466	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	119520	57.928	ug/l	96
43) Isopropyl Acetate	8.45	43	102247	50.933	ug/l	98
44) Trichloroethene	9.11	130	116060	50.937	ug/l	94
45) 1,2-Dichloropropane	9.39	63	89966	49.335	ug/l	99
46) Dibromomethane	9.47	93	53680	54.682	ug/l	98
47) Bromodichloromethane	9.66	83	144296	55.591	ug/l	94
48) Methyl methacrylate	9.46	41	50836	50.202	ug/l #	88
49) 1,4-Dioxane	9.47	88	11828	1039.977	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	260920	257.958	ug/l	96
52) Toluene	10.41	92	266810	54.337	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	133724	55.298	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	156202	53.287	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	77777	55.863	ug/l	94
56) Ethyl methacrylate	10.67	69	91526	56.542	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	126253	54.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	192155	248.495	ug/l	99
59) 2-Hexanone	10.98	43	180624	257.687	ug/l	96
60) Dibromochloromethane	11.14	129	107350	57.186	ug/l	95
61) 1,2-Dibromoethane	11.25	107	76068	56.665	ug/l	98
64) Tetrachloroethene	10.88	164	106247	52.125	ug/l	97
65) Chlorobenzene	11.67	112	297795	54.160	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	118421	58.328	ug/l	99
67) Ethyl Benzene	11.75	91	513339	54.250	ug/l	97
68) m/p-Xylenes	11.85	106	397852	109.391	ug/l	100
69) o-Xylene	12.18	106	185569	56.098	ug/l	97
70) Styrene	12.20	104	328655	57.825	ug/l	98
71) Bromoform	12.37	173	70404	59.201	ug/l #	98
73) Isopropylbenzene	12.48	105	507280	49.291	ug/l	100
74) N-amyl acetate	12.29	43	102550	48.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	79345	46.651	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	61256m	47.834	ug/l	
77) Bromobenzene	12.77	156	133157	50.628	ug/l	96
78) n-propylbenzene	12.83	91	594554	49.786	ug/l	100
79) 2-Chlorotoluene	12.91	91	342015	50.129	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	441008	52.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	25640	45.943	ug/l	98
82) 4-Chlorotoluene	13.01	91	367000	50.962	ug/l	100
83) tert-Butylbenzene	13.23	119	378939	51.216	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	441457	52.921	ug/l	97
85) sec-Butylbenzene	13.41	105	501271	49.187	ug/l	98
86) p-Isopropyltoluene	13.53	119	487358	52.638	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	249117	51.016	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	251558	50.959	ug/l	99
89) n-Butylbenzene	13.85	91	425173	49.387	ug/l	97
90) Hexachloroethane	14.12	117	96298	50.243	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	223541	52.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	14299	51.298	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	161226	53.082	ug/l	99
94) Hexachlorobutadiene	15.28	225	93923	50.019	ug/l	97
95) Naphthalene	15.41	128	267865	49.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	139838	52.960	ug/l	99

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

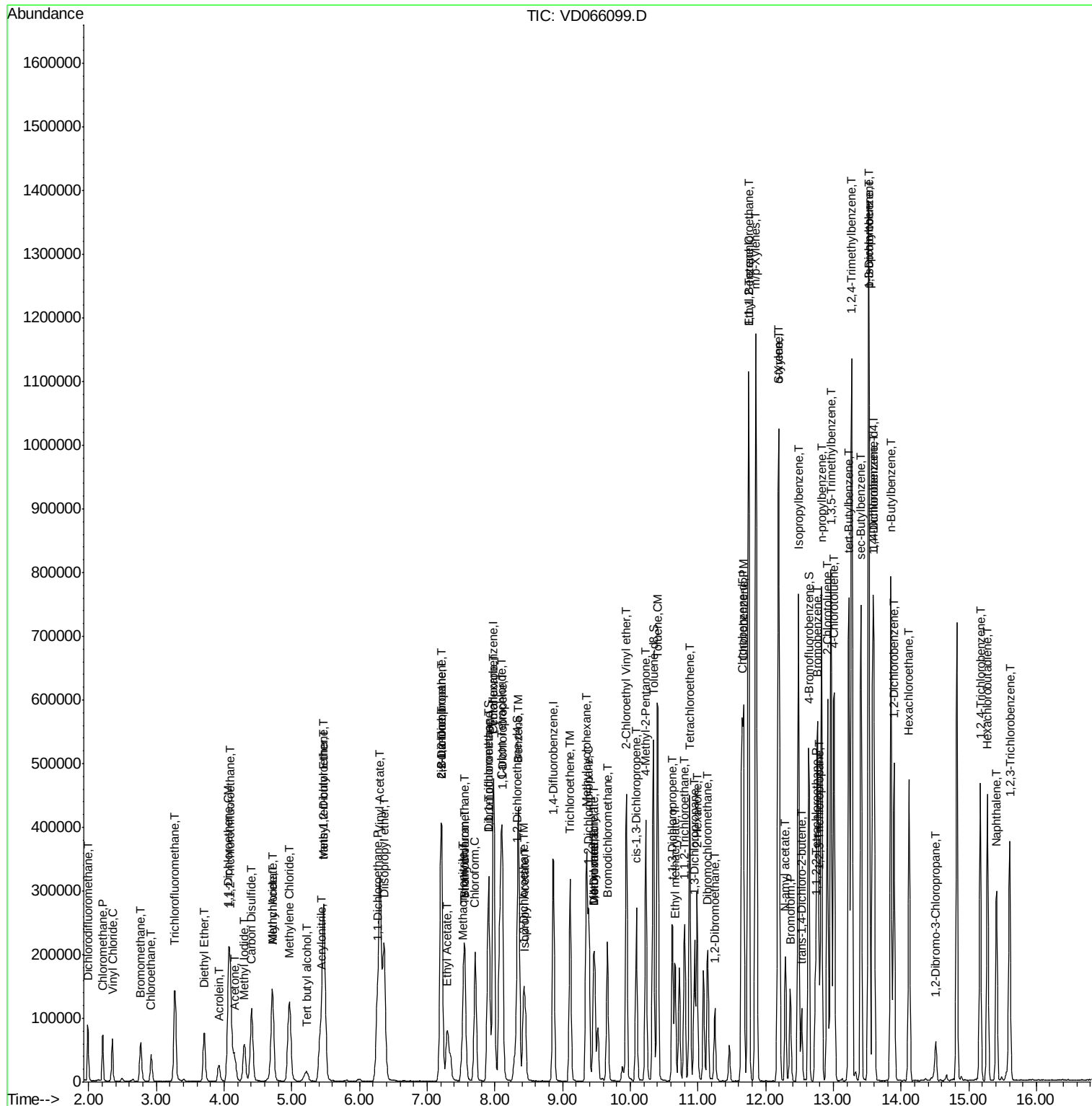
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Data File : VD066099.D
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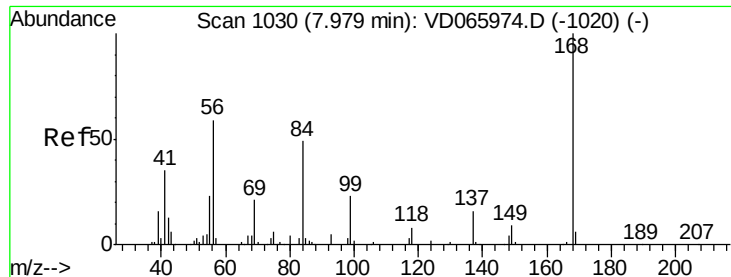
Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 208593

Ion Ratio Lower Upper

168 100

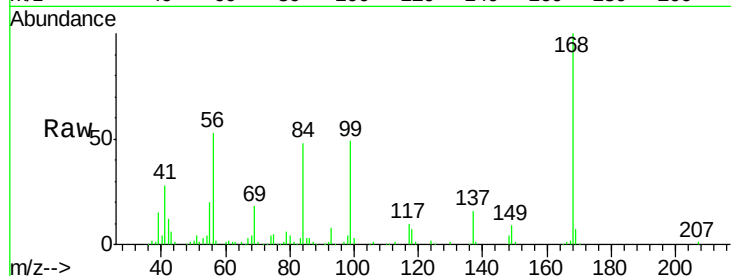
99 48.8 40.8 61.2

Manual Integrations

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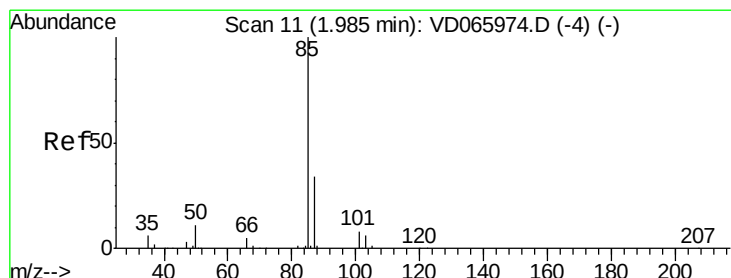
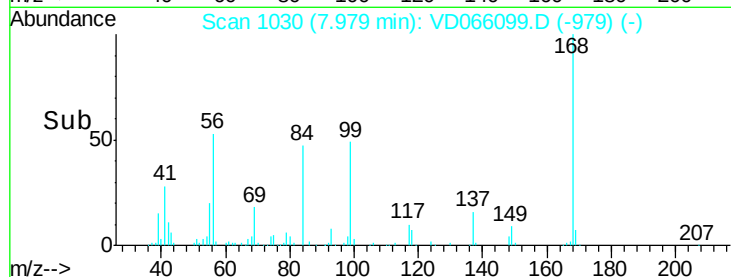
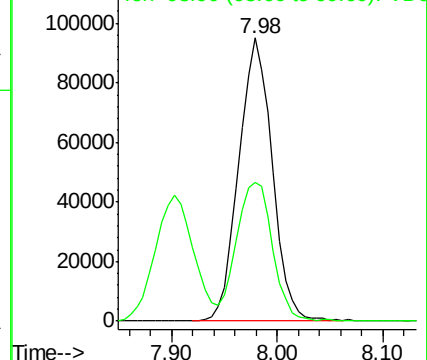
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.775 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066099.D

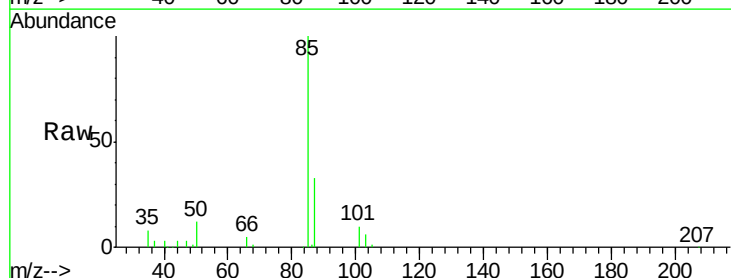
Acq: 29 Jul 2020 19:44

Tgt Ion: 85 Resp: 62964

Ion Ratio Lower Upper

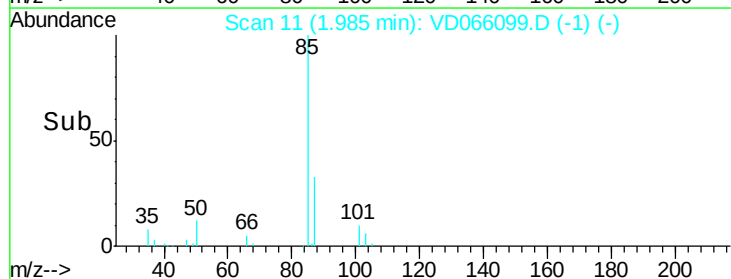
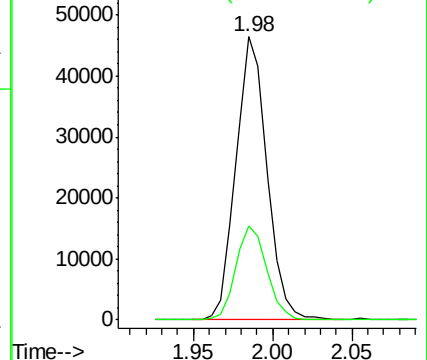
85 100

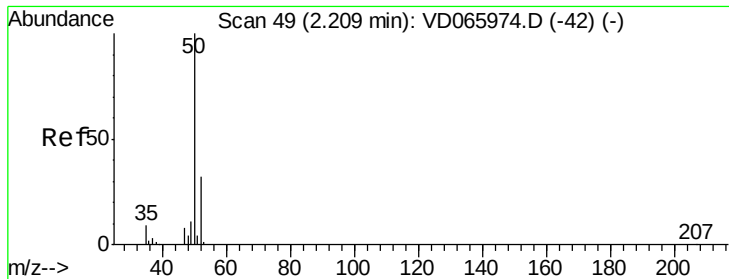
87 33.4 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.842 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 55346

Ion Ratio Lower Upper

50 100

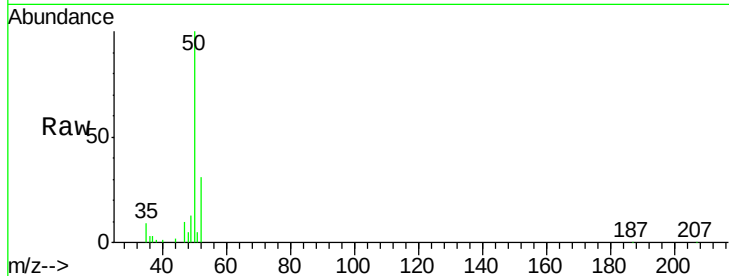
52 30.7 25.8 38.8

Manual Integrations

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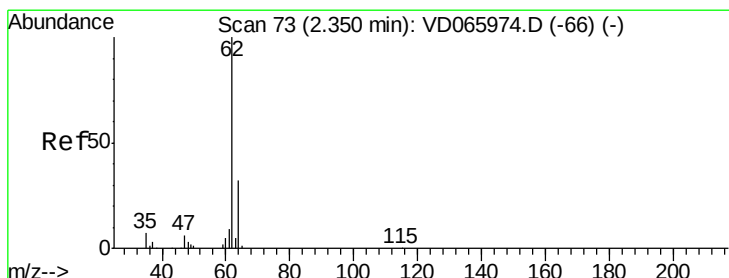
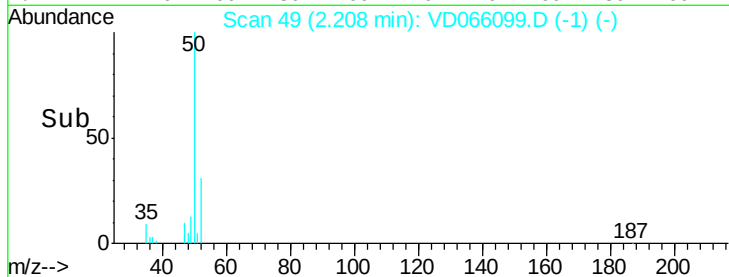
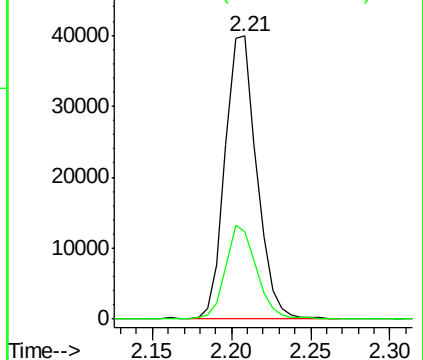
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.870 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066099.D

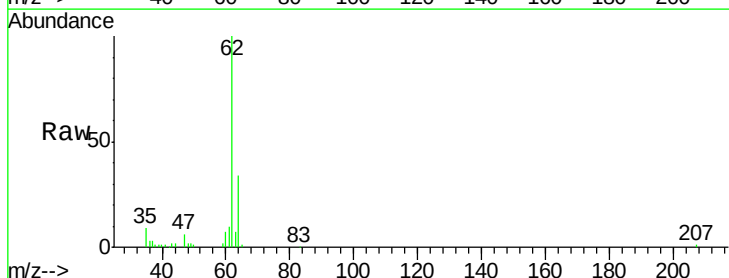
Acq: 29 Jul 2020 19:44

Tgt Ion: 62 Resp: 55200

Ion Ratio Lower Upper

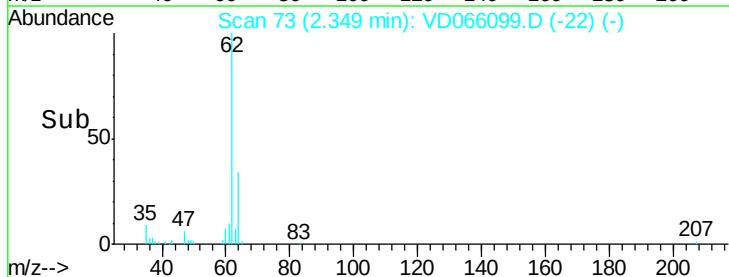
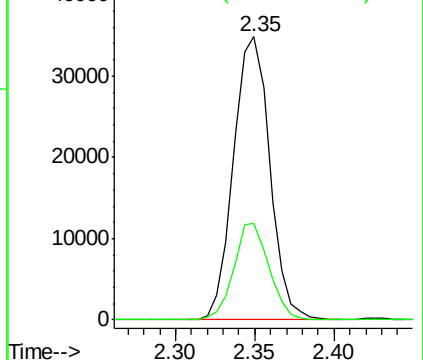
62 100

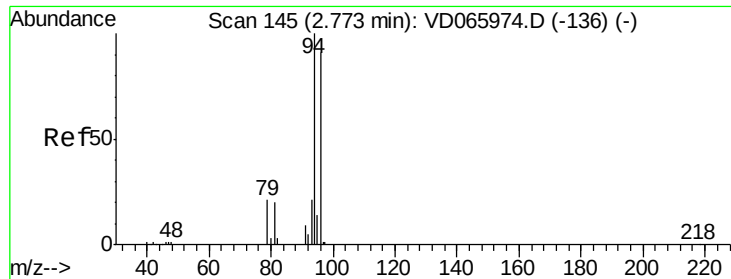
64 34.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 52.510 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 45213

Ion Ratio Lower Upper

94 100

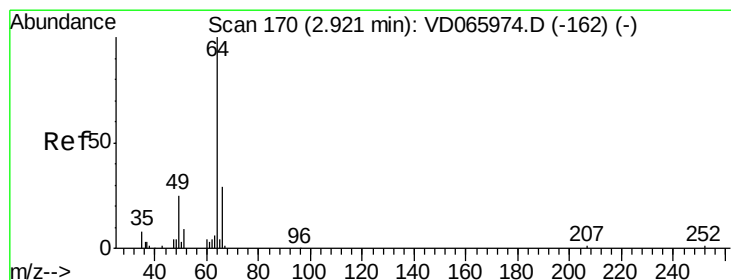
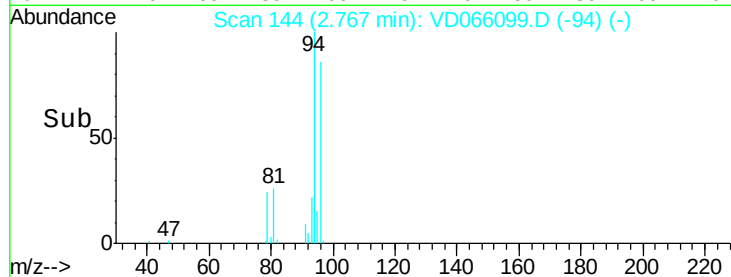
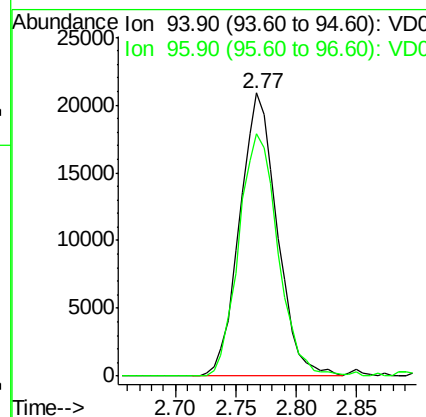
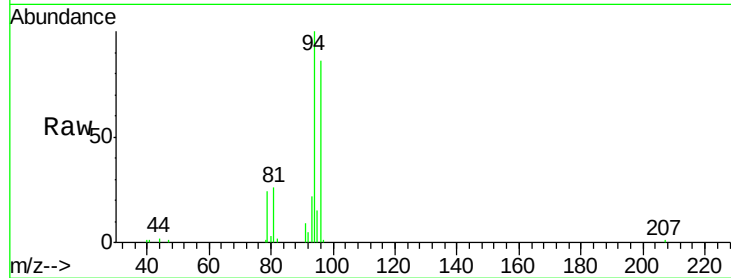
96 85.7 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 51.261 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066099.D

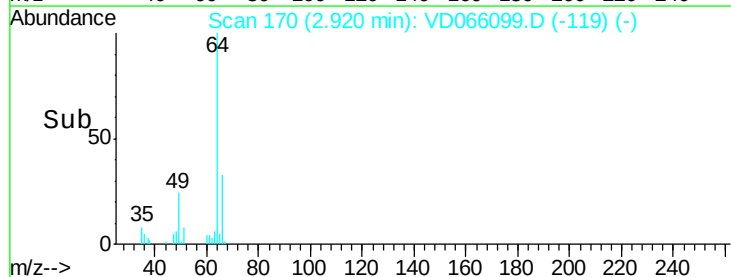
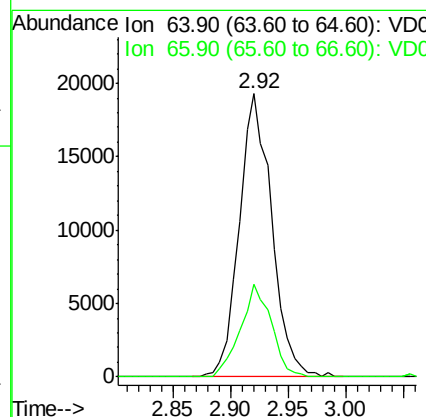
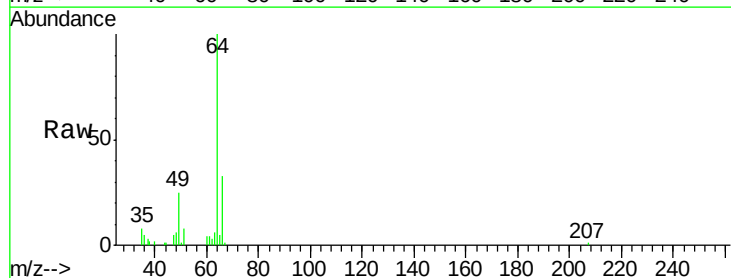
Acq: 29 Jul 2020 19:44

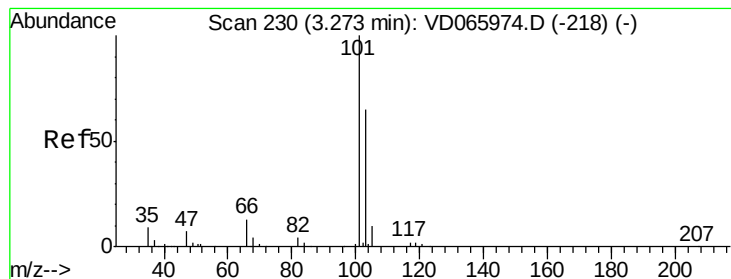
Tgt Ion: 64 Resp: 37645

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.0





#7

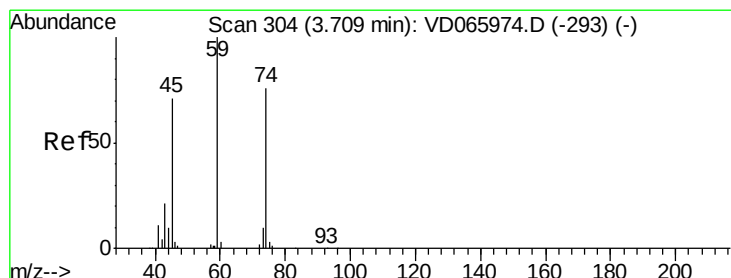
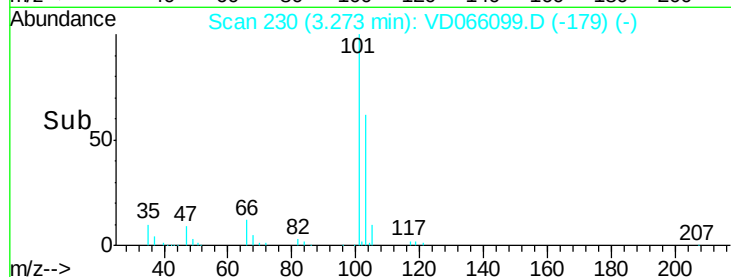
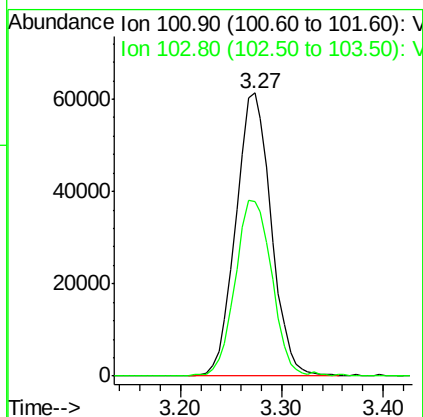
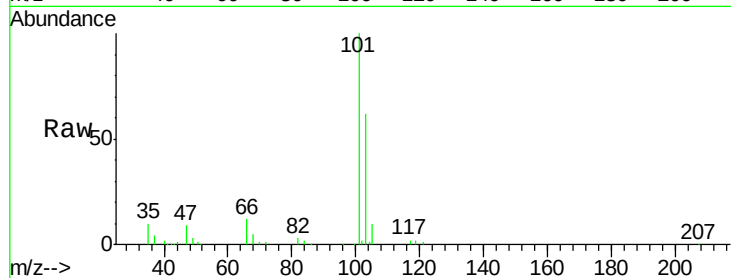
Trichlorofluoromethane
Concen: 49.668 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	52.1	78.1

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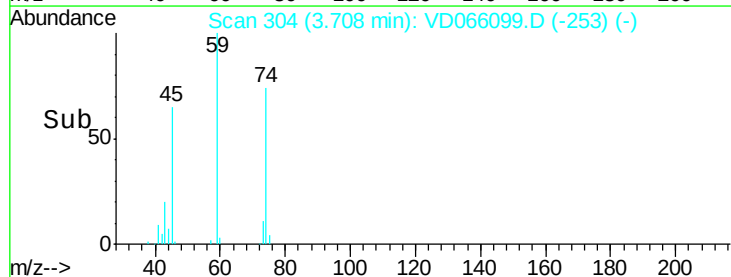
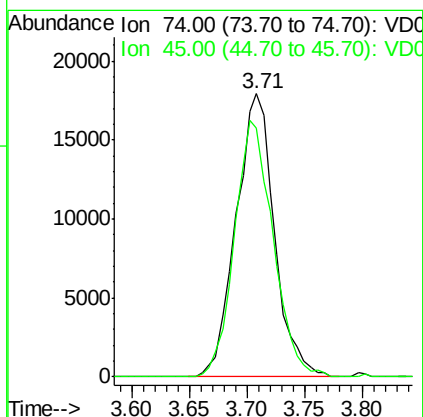
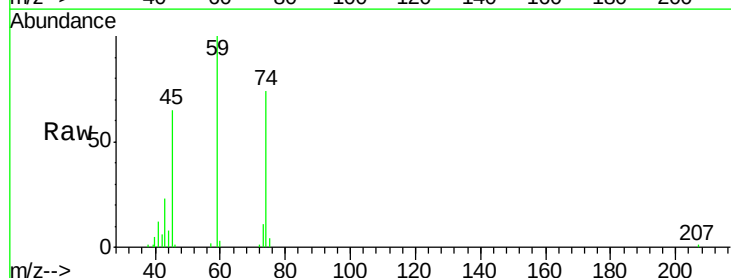
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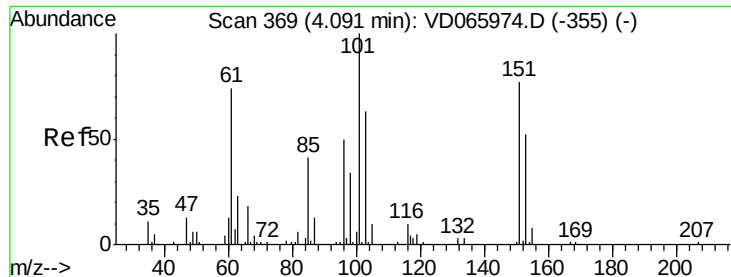


#8

Diethyl Ether
Concen: 50.029 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.502 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

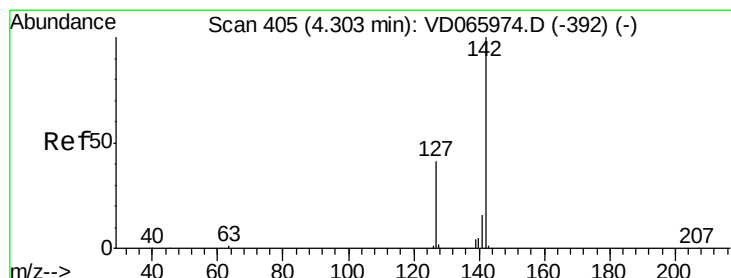
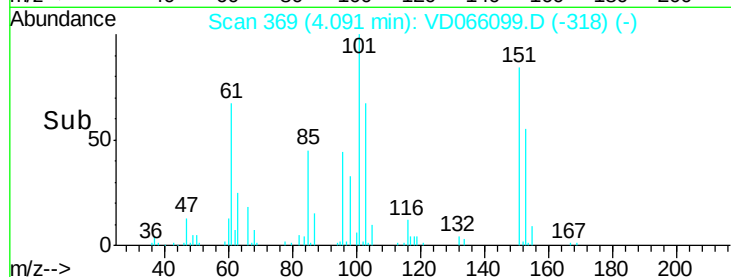
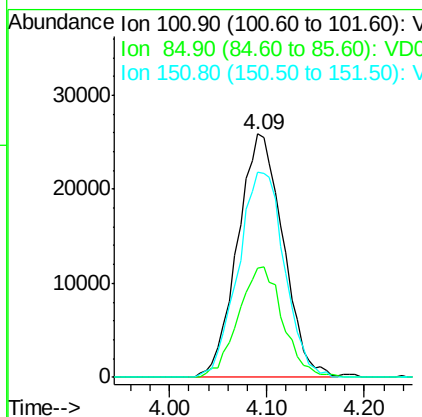
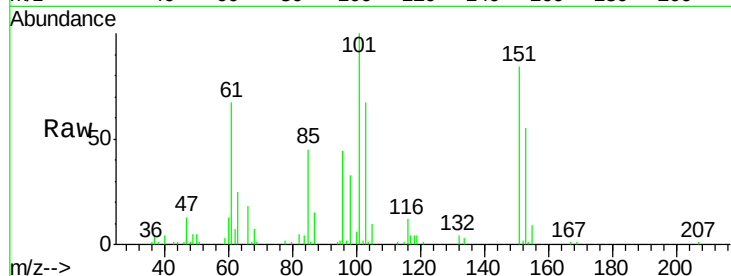
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	84020
Ion Ratio	Lower	Upper	
101	100		
85	44.6	33.6	50.4
151	85.8	66.6	99.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.919 ug/l

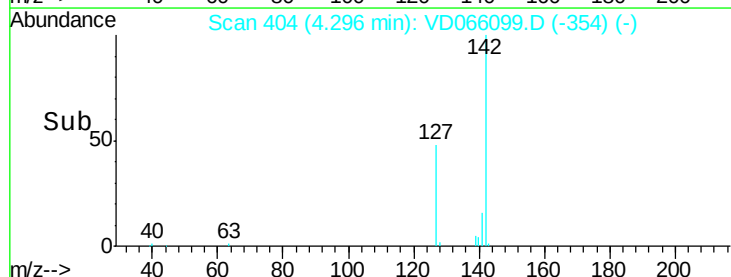
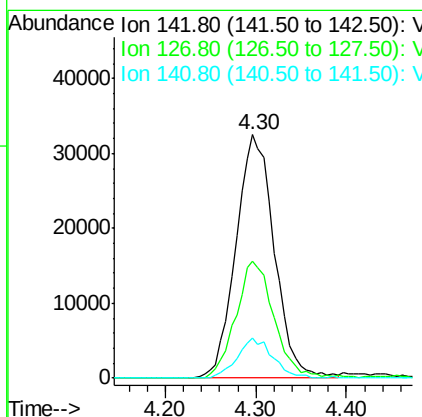
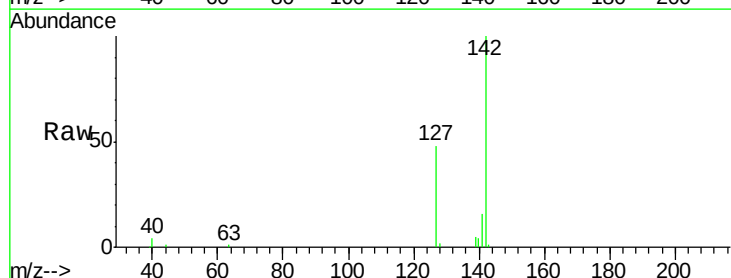
RT: 4.30 min Scan# 404

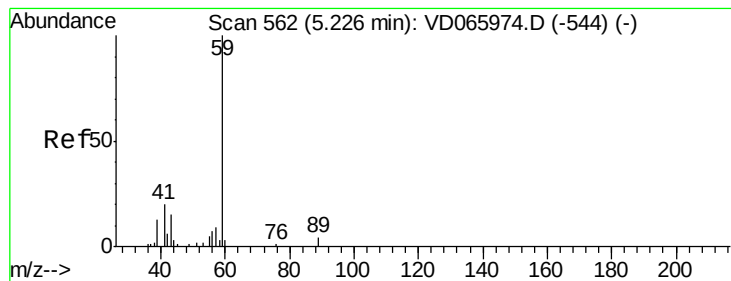
Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	142	Resp:	95510
Ion Ratio	Lower	Upper	
142	100		
127	47.9	32.9	49.3
141	15.0	11.8	17.6





#11

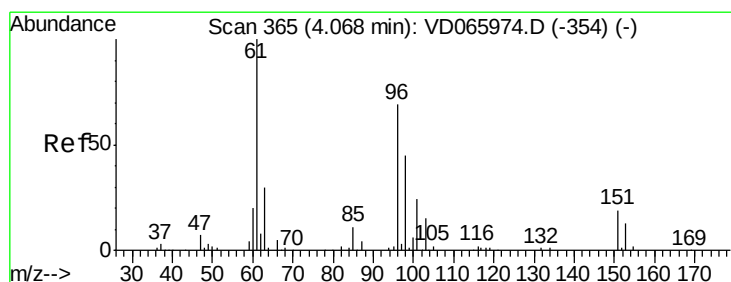
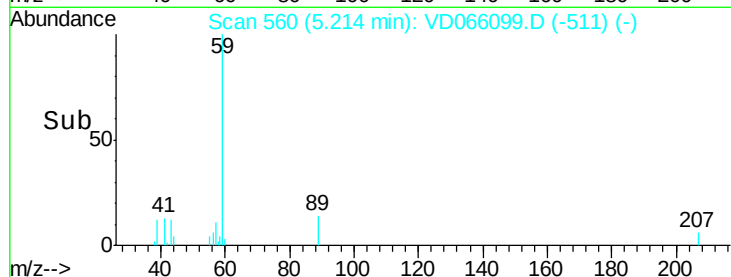
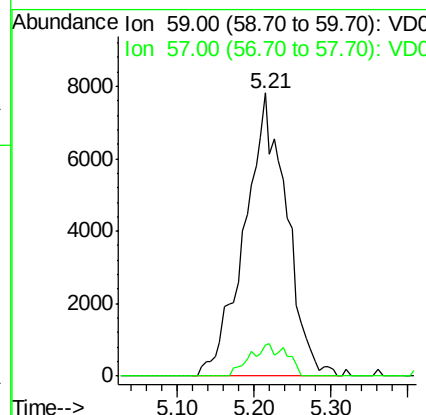
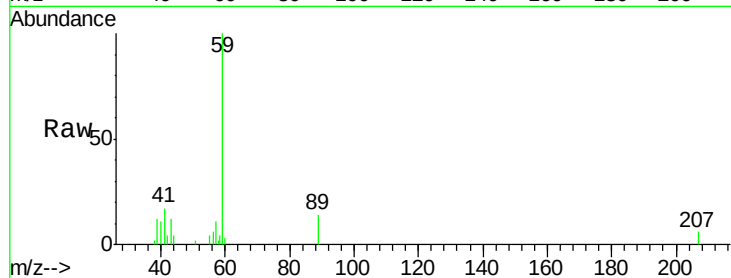
Tert butyl alcohol
 Concen: 281.203 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	29666		
57	57	7.2		4.5	6.7#

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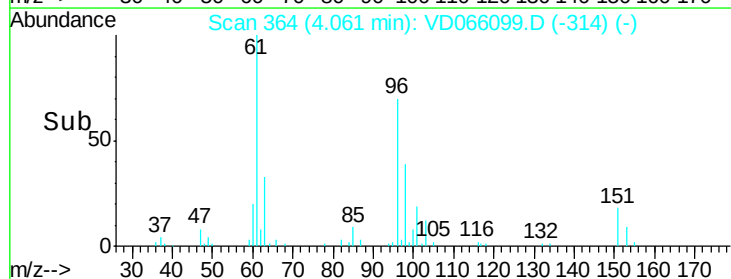
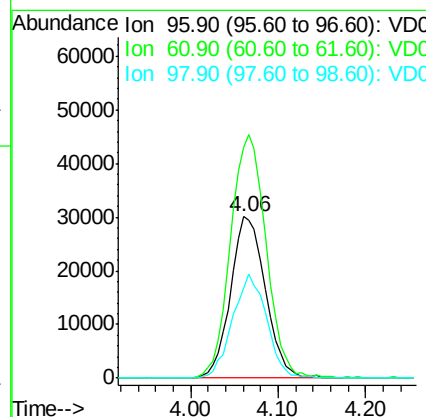
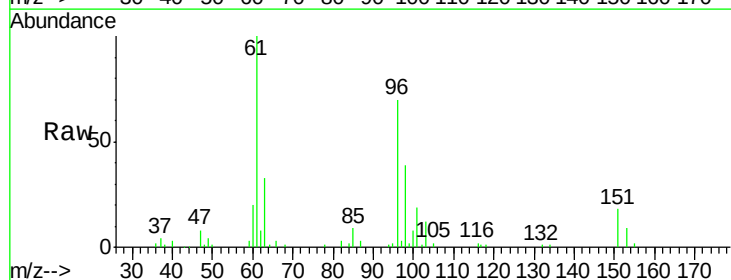
MMDadoda
 7/30/2020 6:19:45 PM

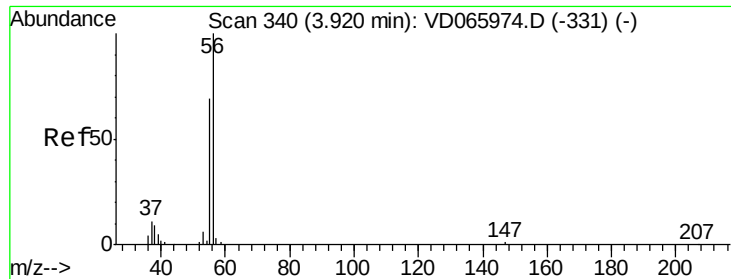


#12

1,1-Dichloroethene
 Concen: 47.439 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	81816		
61	61	142.8		115.4	173.0
98	98	55.9		51.5	77.3





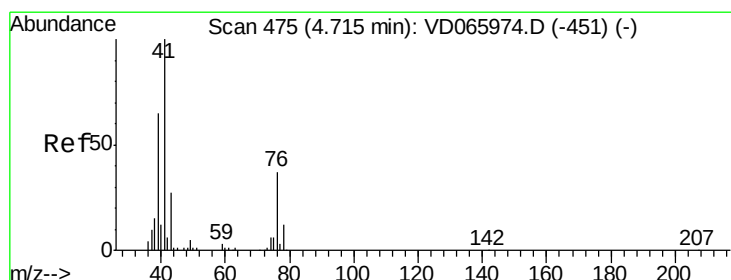
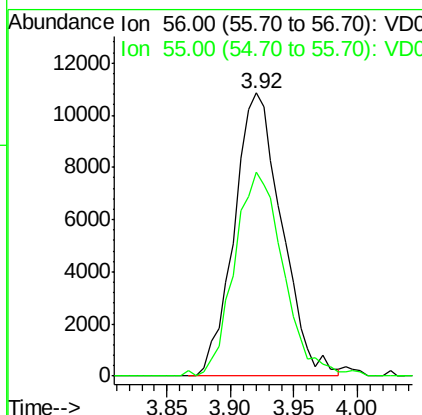
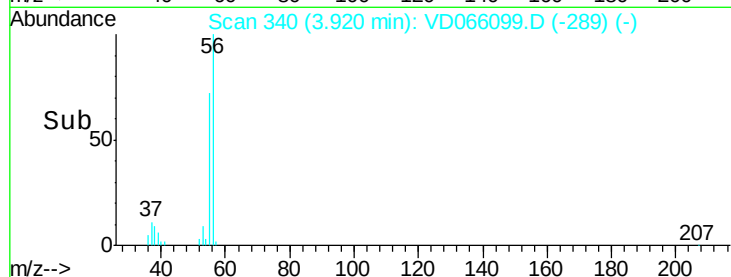
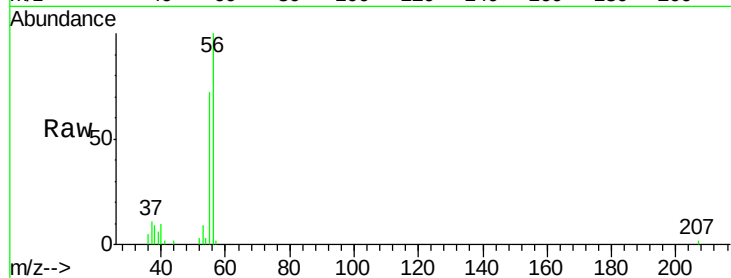
#13
Acrolein
Concen: 197.530 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	74.5	55.8	83.8

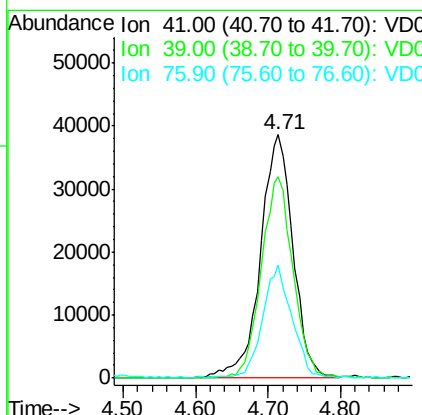
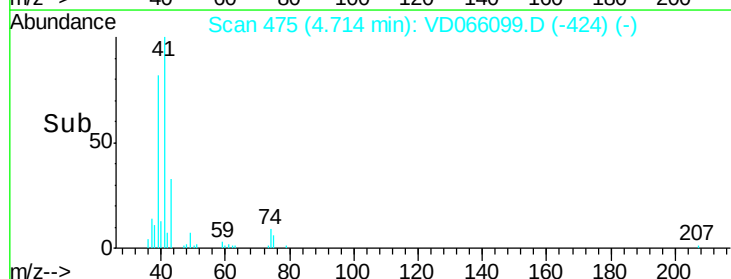
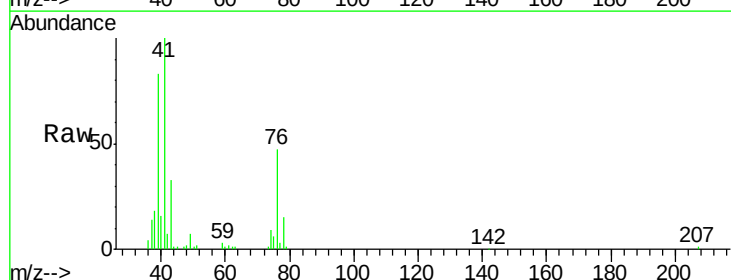
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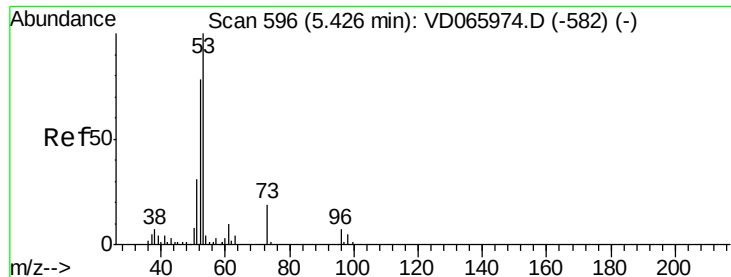
MMDadoda
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#14
Allyl chloride
Concen: 44.941 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	80.9	53.4	80.2#
76	76	41.8	29.1	43.7





#15

Acrylonitrile

Concen: 254.593 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

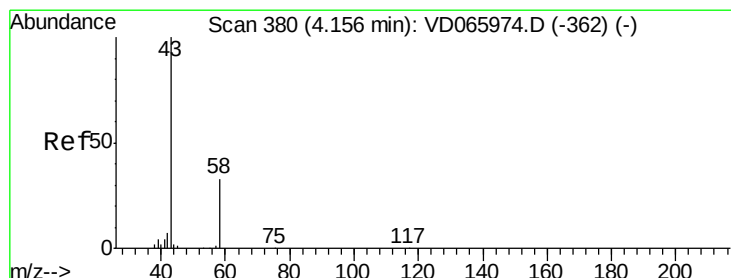
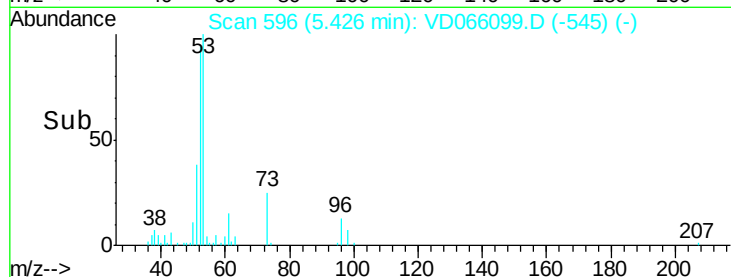
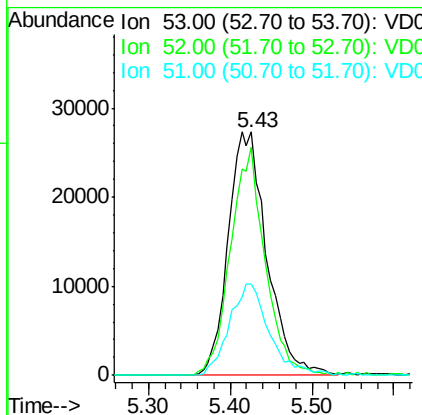
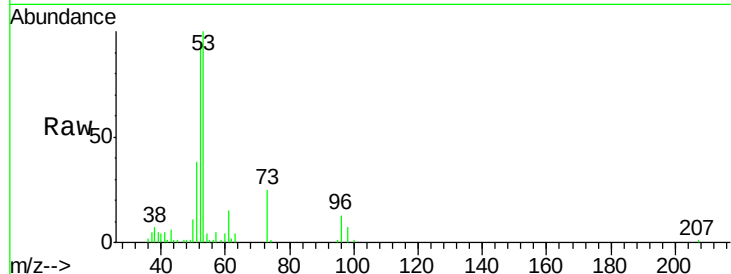
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	89962
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.1	100.7
51	38.7	28.7	43.1

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#16

Acetone

Concen: 212.657 ug/l

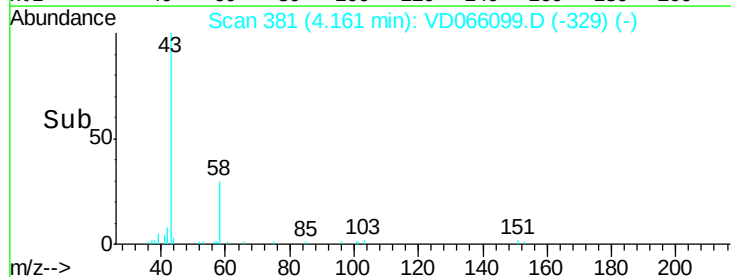
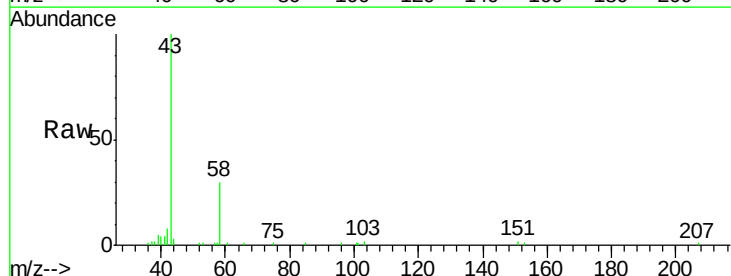
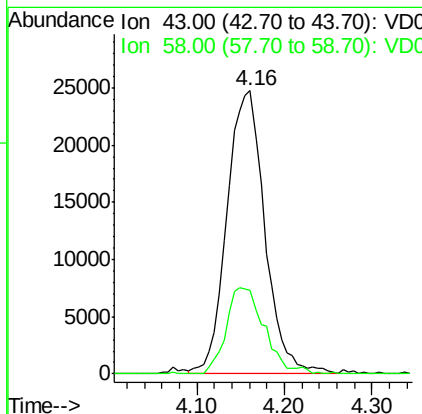
RT: 4.16 min Scan# 381

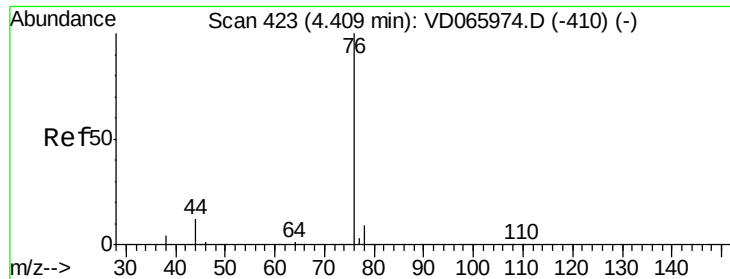
Delta R.T. 0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	43	Resp:	73060
Ion	Ratio	Lower	Upper
43	100		
58	29.5	26.3	39.5





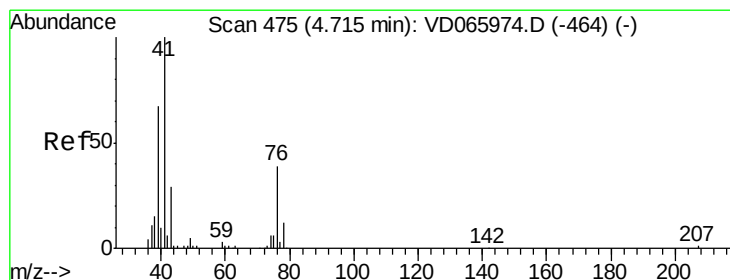
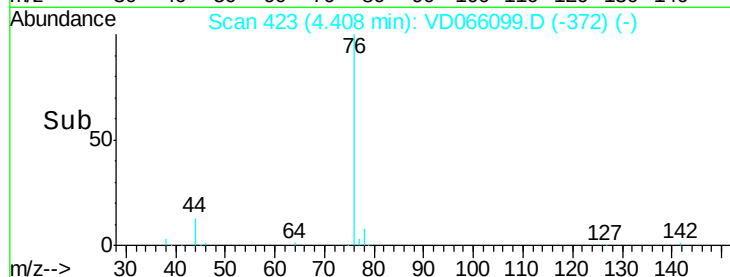
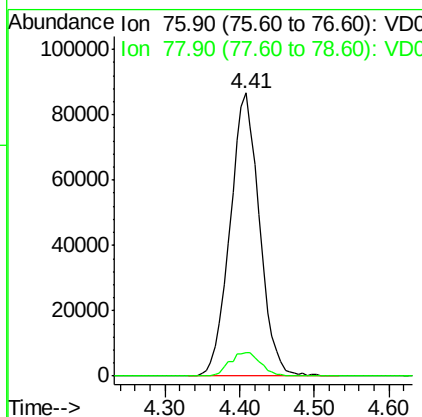
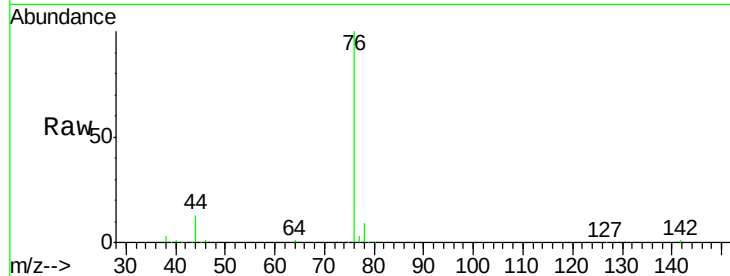
#17
Carbon Disulfide
Concen: 42.459 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.2

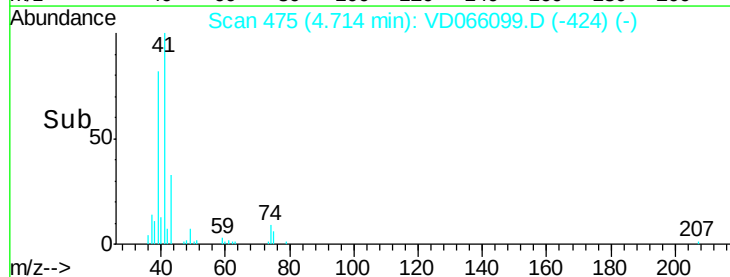
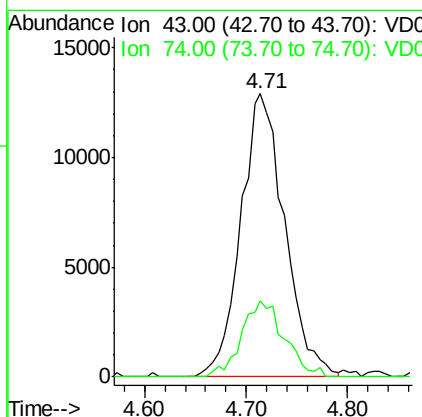
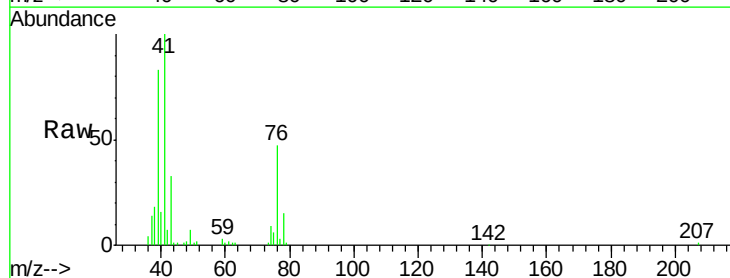
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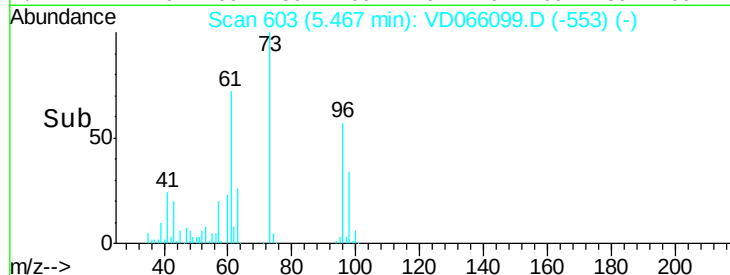
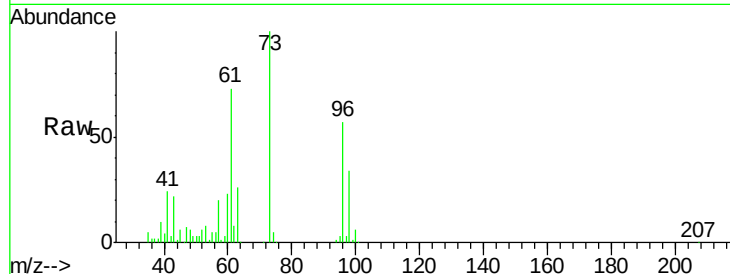
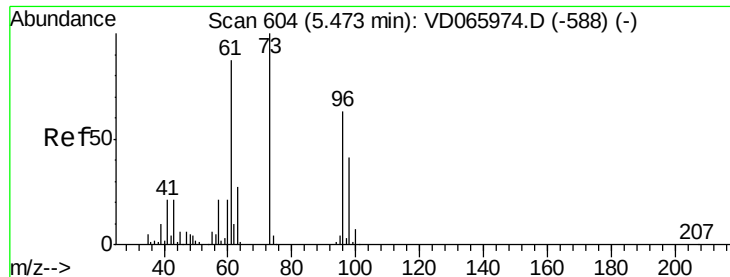
MMDadoda
7/30/2020 6:19:45 PM



#18
Methyl Acetate
Concen: 48.495 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	19.2	28.8





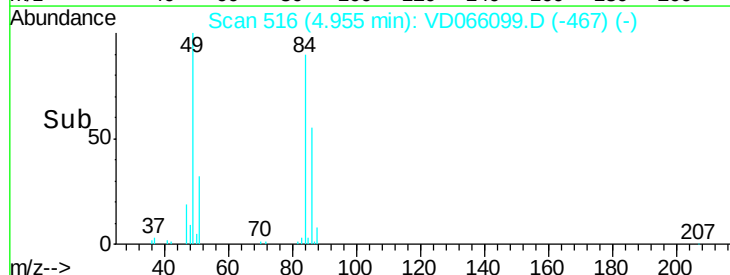
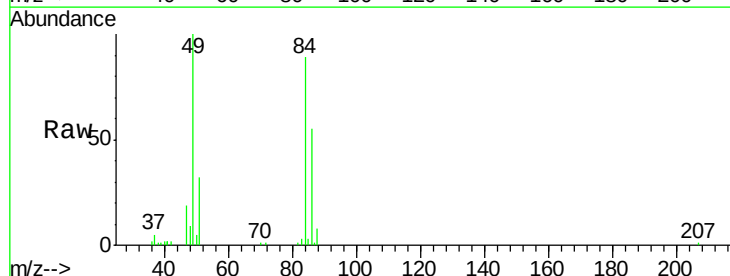
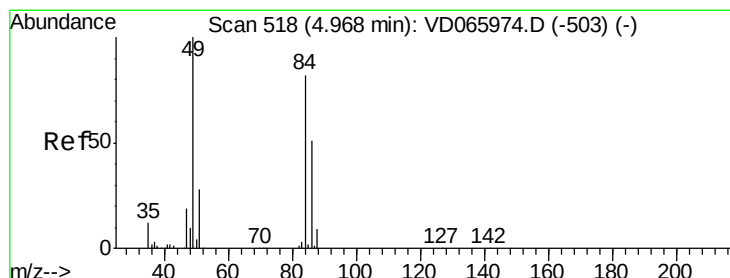
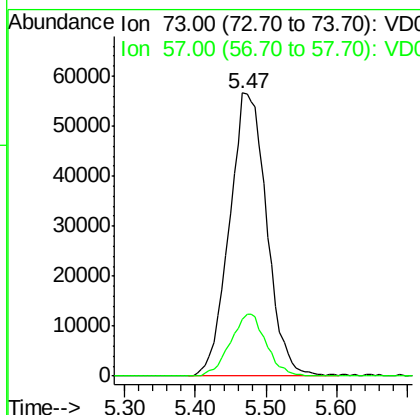
#19
Methyl tert-butyl Ether
Concen: 58.594 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tot Ion: 73 Resp: 207628
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

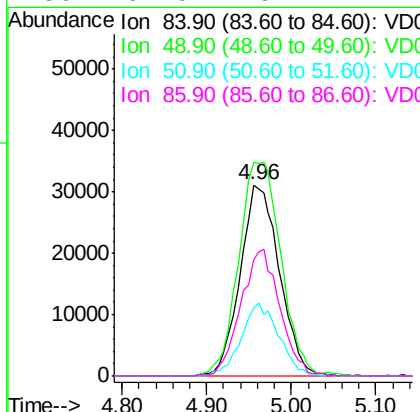
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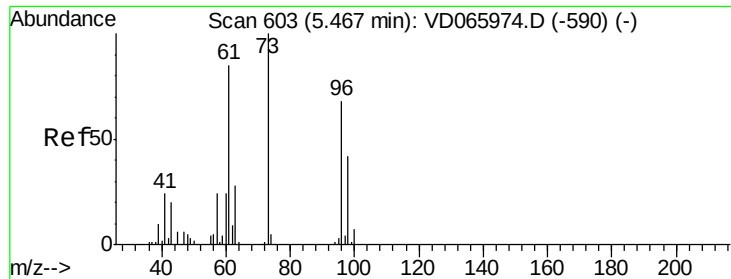
MMDadoda
7/30/2020 6:19:45 PM



#20
Methylene Chloride
Concen: 52.989 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion: 84 Resp: 100324
Ion Ratio Lower Upper
84 100
49 111.7 97.7 146.5
51 35.3 27.4 41.2
86 61.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 51.161 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

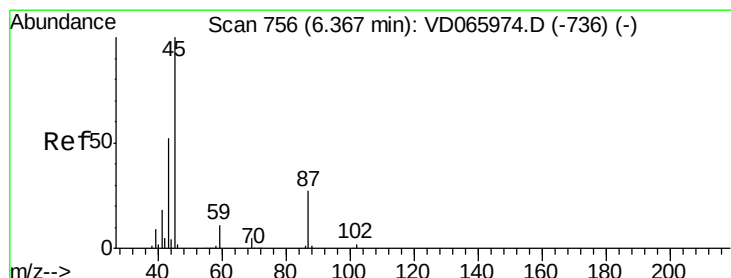
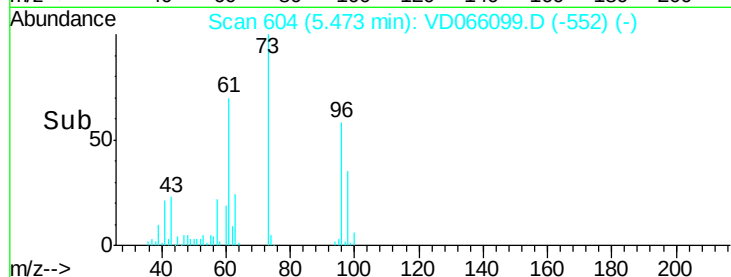
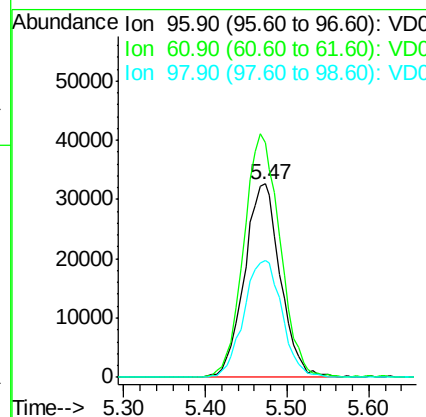
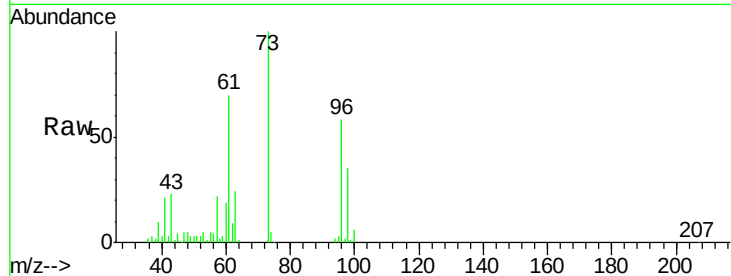
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	99724
Ion	Ratio	Lower	Upper
96	100		
61	121.1	100.5	150.7
98	60.4	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.776 ug/l

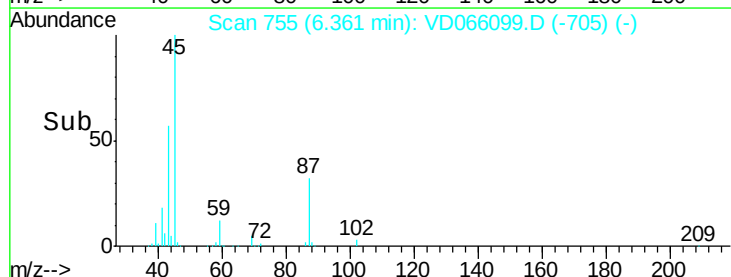
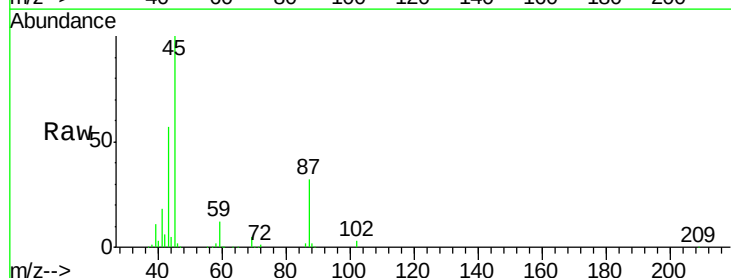
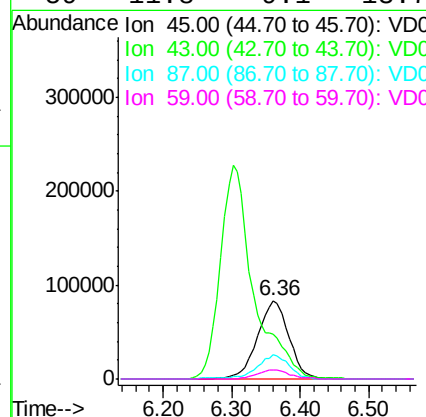
RT: 6.36 min Scan# 755

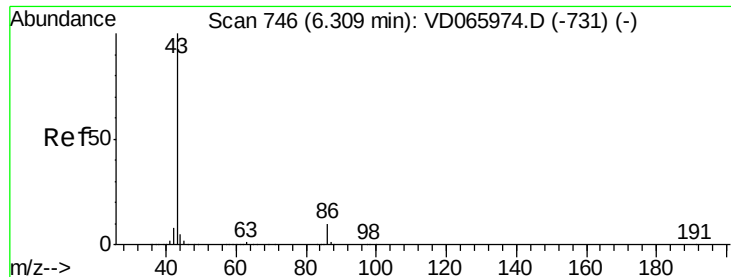
Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	45	Resp:	265191
Ion	Ratio	Lower	Upper
45	100		
43	56.4	43.0	64.4
87	31.6	22.0	33.0
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 264.535 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 764125

Ion Ratio Lower Upper

43 100

86 11.5

7.9

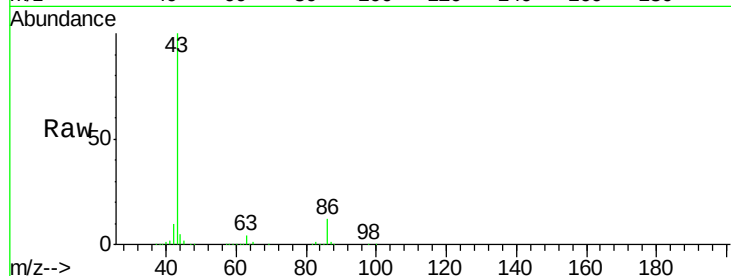
11.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

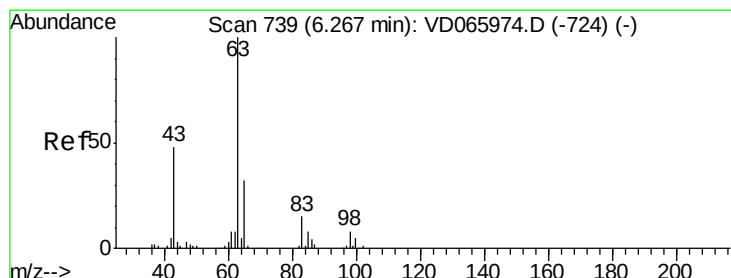
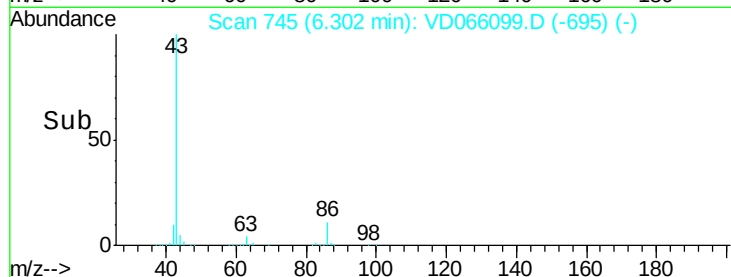
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.975 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion: 63 Resp: 164401

Ion Ratio Lower Upper

63 100

98 7.9

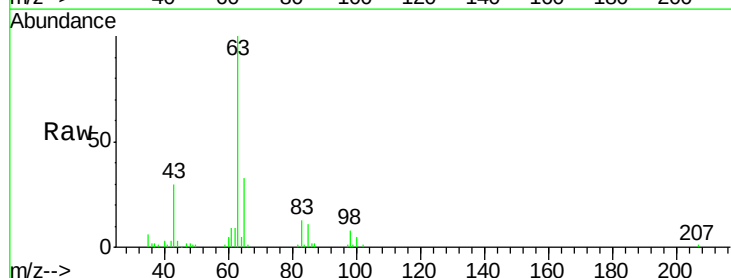
4.3

12.8

100 4.6

2.5

7.5



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

6.26

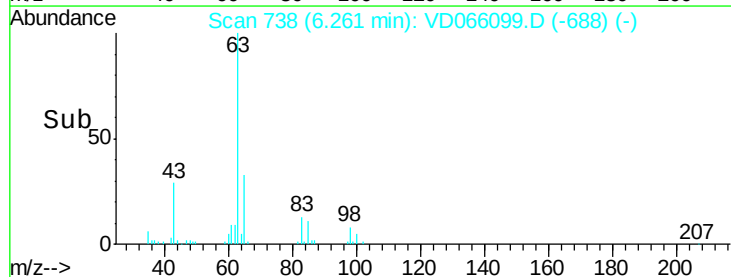
60000

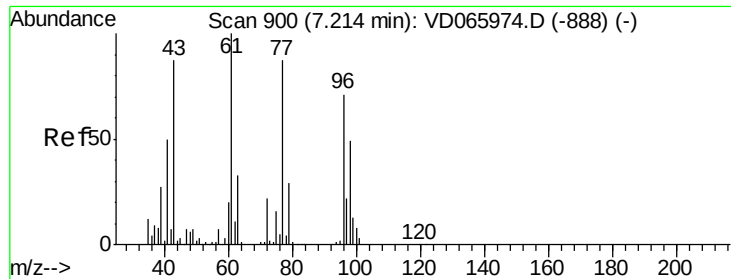
40000

20000

0

Time-->





#25

2-Butanone

Concen: 236.147 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 107653

Ion Ratio Lower Upper

43 100

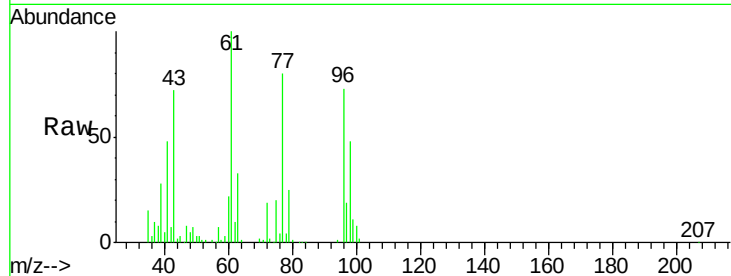
72 25.8 20.2 30.2

Manual Integrations

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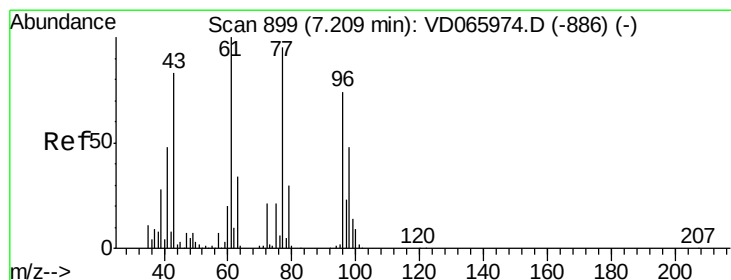
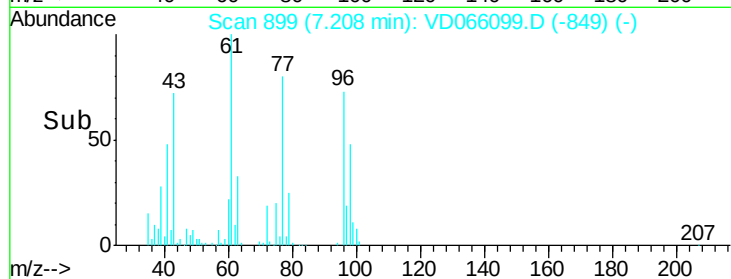
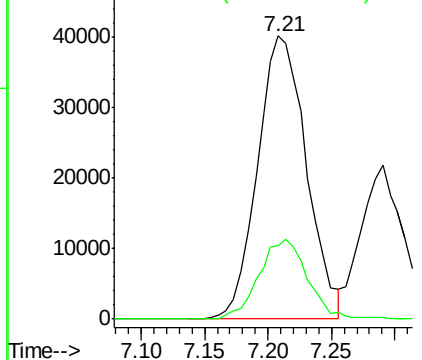
MMDadoda

7/30/2020 6:19:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.745 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066099.D

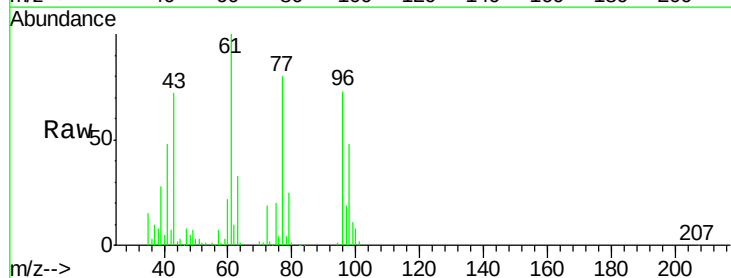
Acq: 29 Jul 2020 19:44

Tgt Ion: 77 Resp: 138826

Ion Ratio Lower Upper

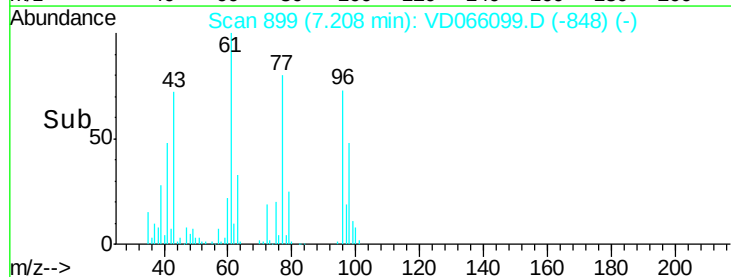
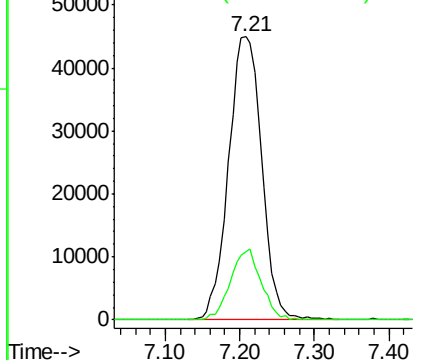
77 100

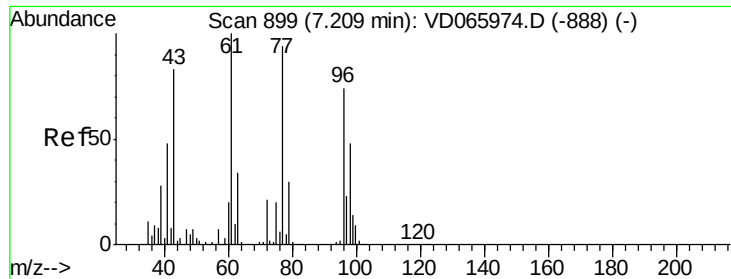
97 23.0 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

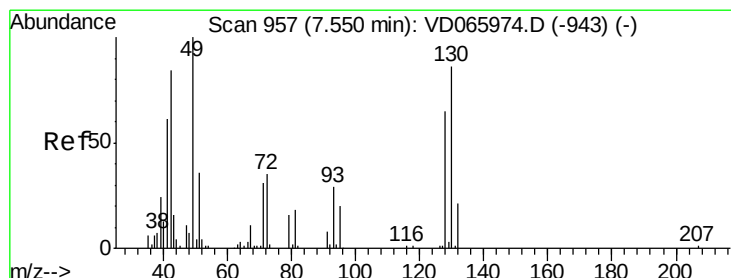
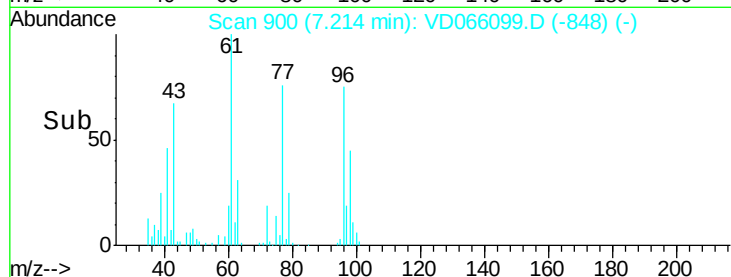
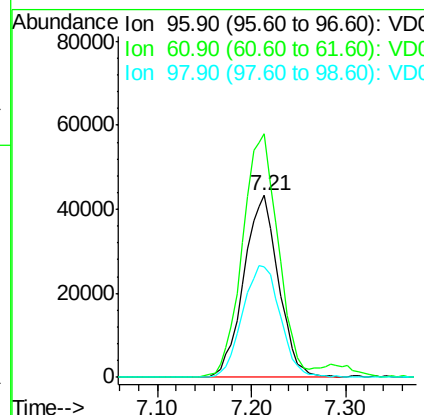
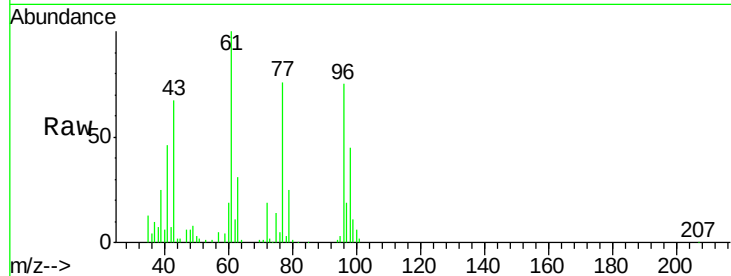
cis-1,2-Dichloroethene
 Concen: 53.801 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111034		
61	137.0	0.0	276.6	
98	66.7	0.0	130.8	

Manual Integrations
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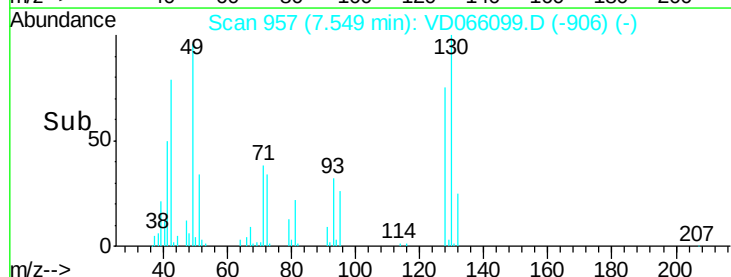
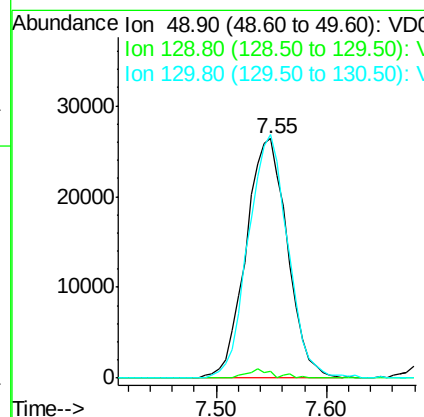
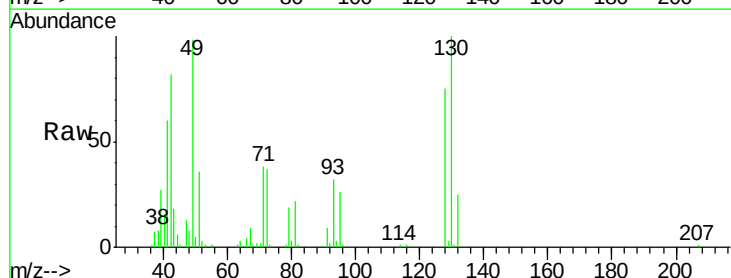
MMDadoda
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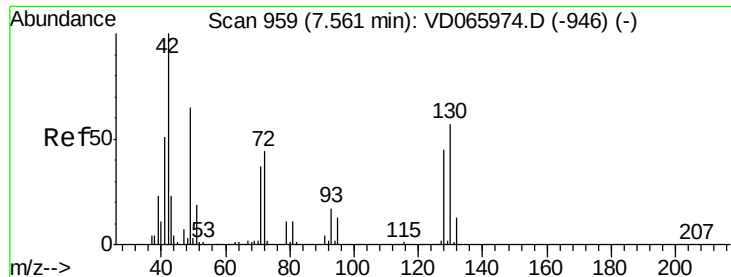


#28

Bromochloromethane
 Concen: 52.829 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69585		
129	1.9	0.0	4.8	
130	97.2	68.4	102.6	





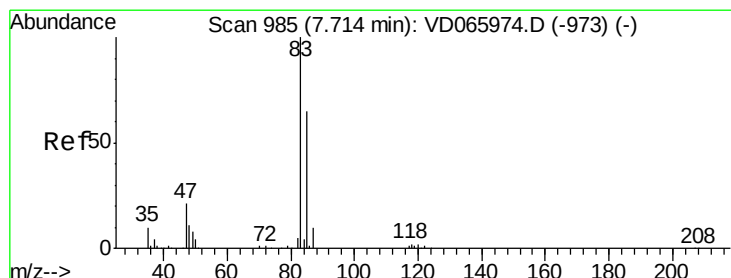
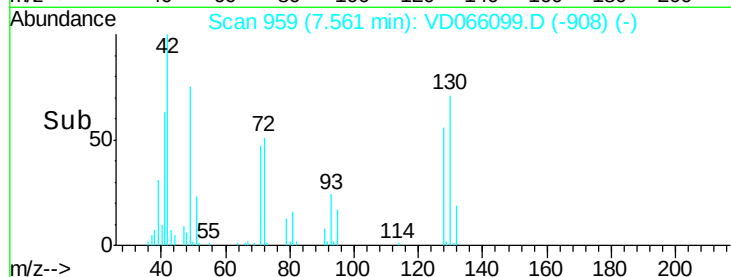
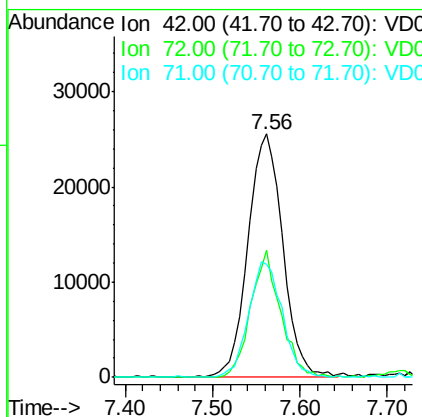
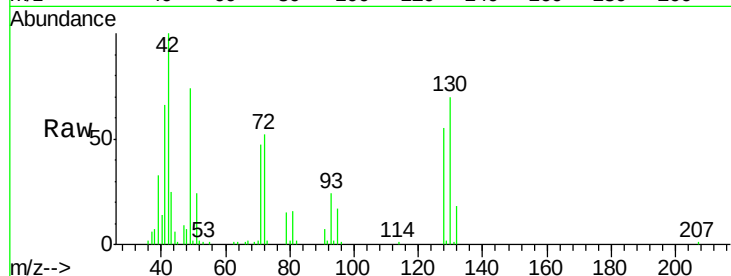
#29
Tetrahydrofuran
Concen: 247.459 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.2
71	45.6	31.4	47.2

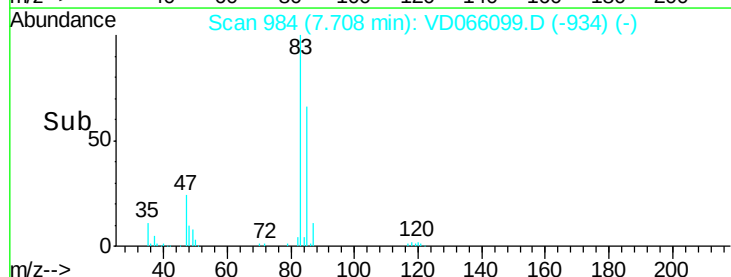
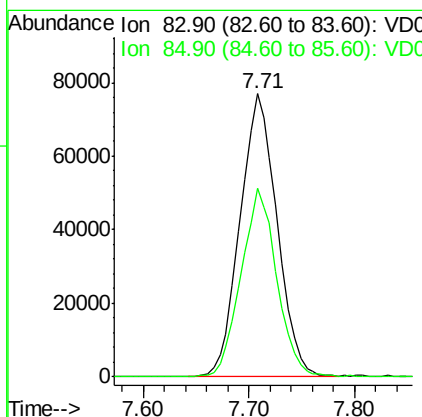
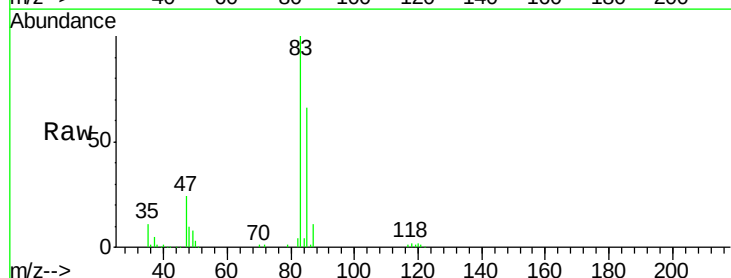
Manual Integrations
APPROVED

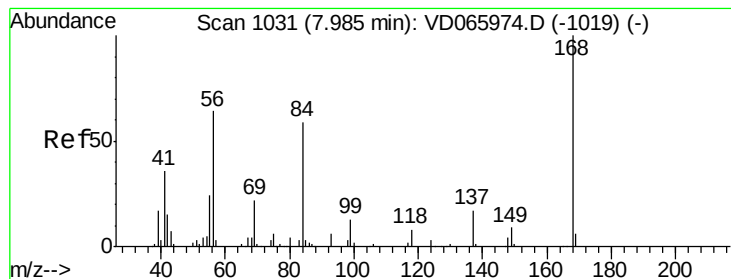
MMDadoda
7/30/2020 6:19:45 PM



#30
Chloroform
Concen: 57.629 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.1	78.1





#31

Cyclohexane

Concen: 41.574 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

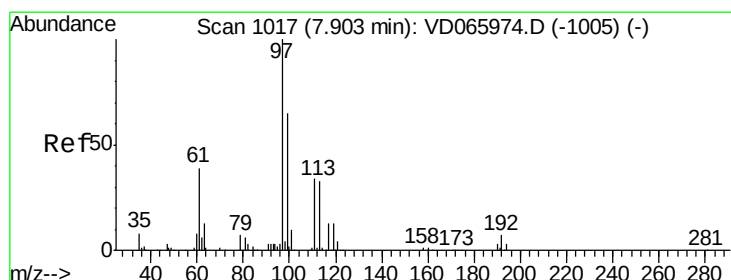
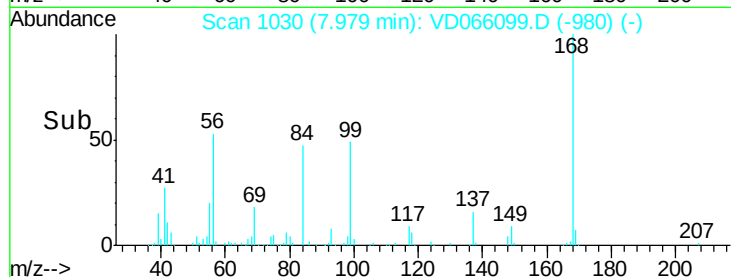
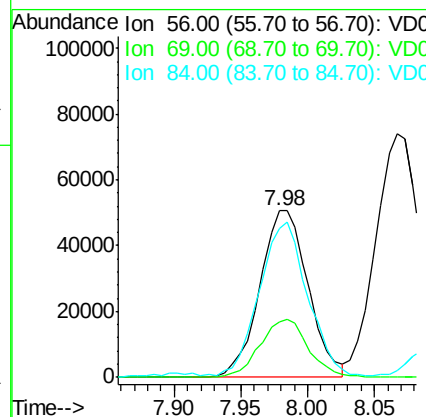
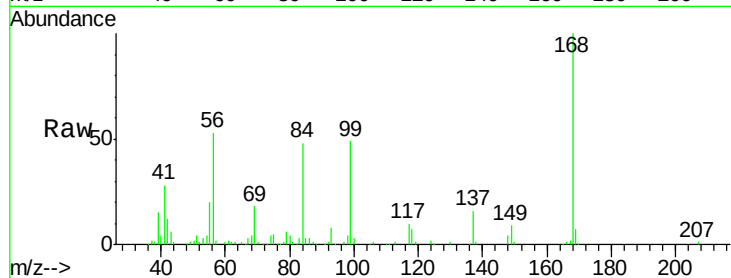
ClientSampleID :

VSTDCCC050EC

Tot Ion:	56	Resp:	126930
Ion Ratio	Lower	Upper	
56	100		
69	33.5	28.0	42.0
84	86.9	72.6	109.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.833 ug/l

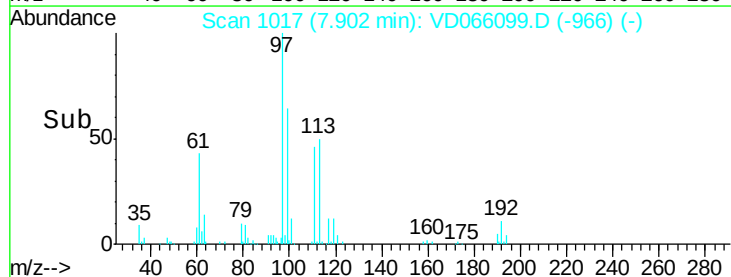
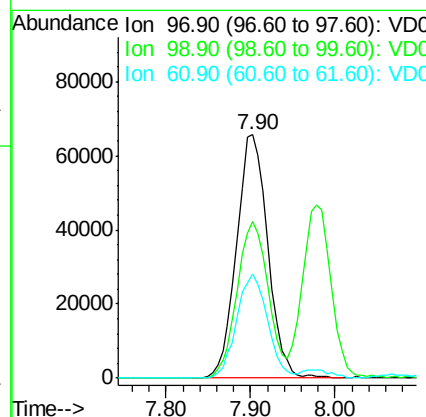
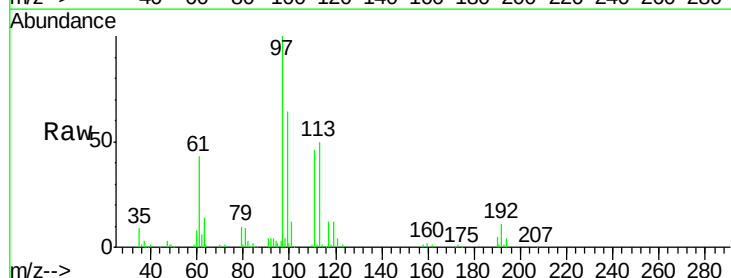
RT: 7.90 min Scan# 1017

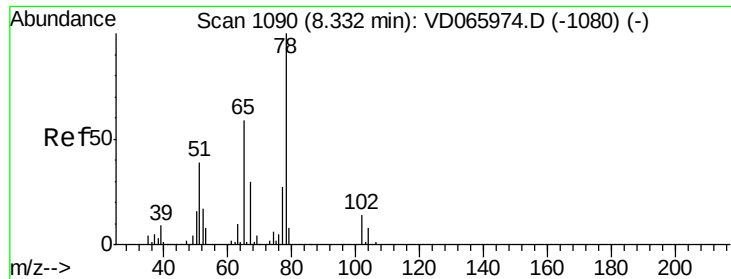
Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	97	Resp:	167654
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.8	77.6
61	42.0	33.3	49.9





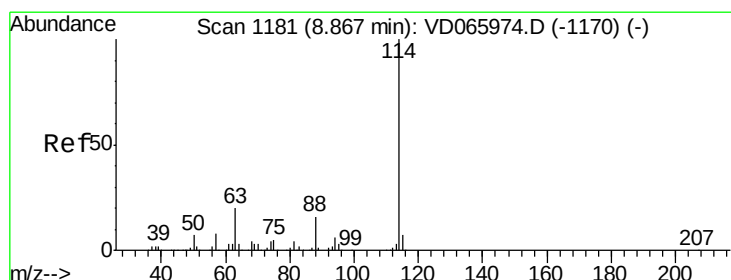
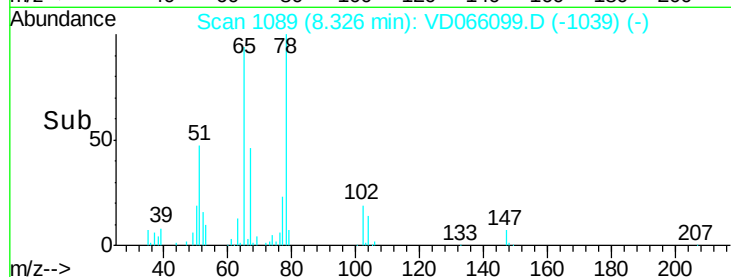
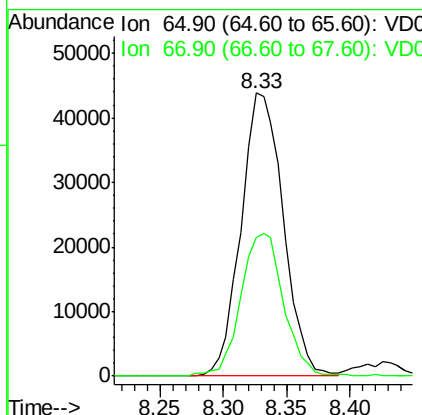
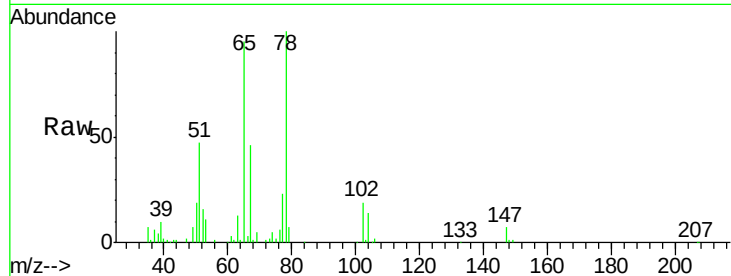
#33
 1,2-Dichloroethane-d4
 Concen: 59.854 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101591		
67	51.0	0.0	105.0	

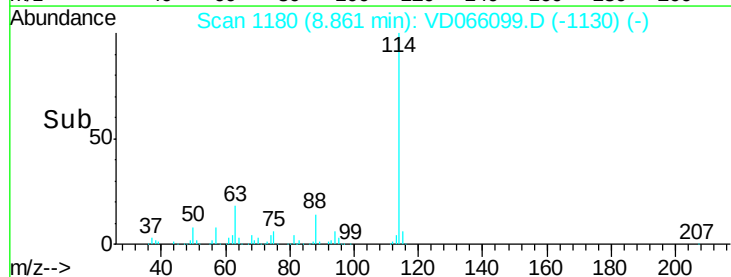
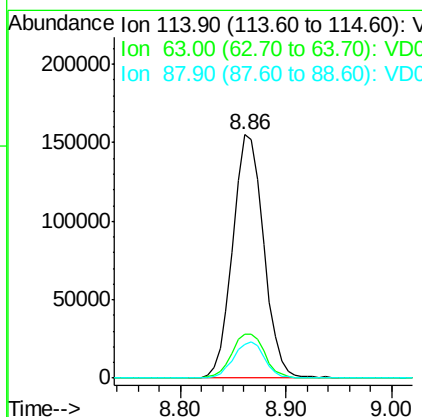
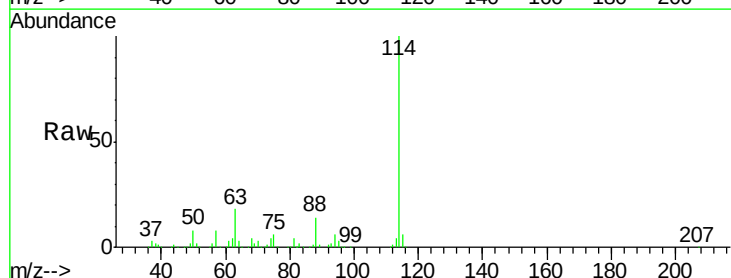
Manual Integrations
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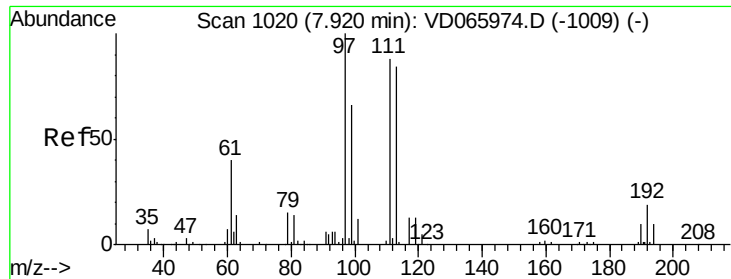
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315347		
63	18.1	0.0	39.6	
88	14.0	0.0	31.2	





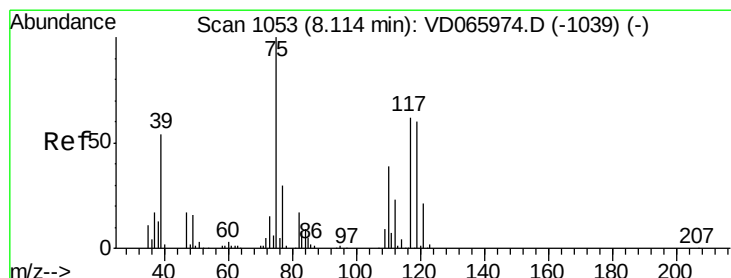
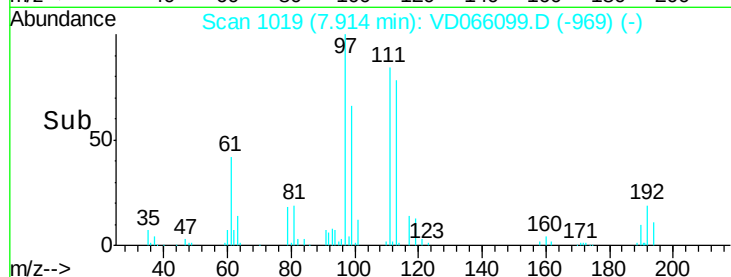
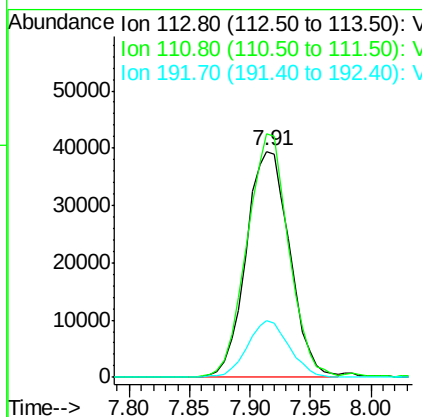
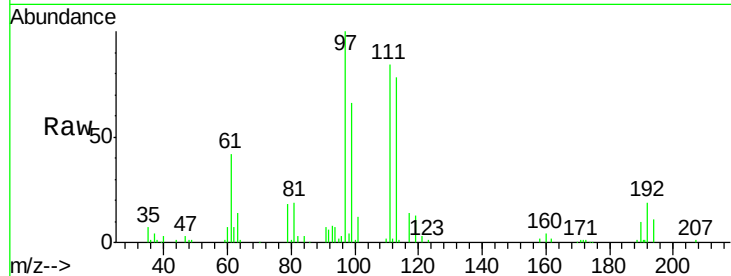
#35
Dibromofluoromethane
Concen: 51.749 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98980		
111	103.3	83.2	124.8	
192	24.0	18.7	28.1	

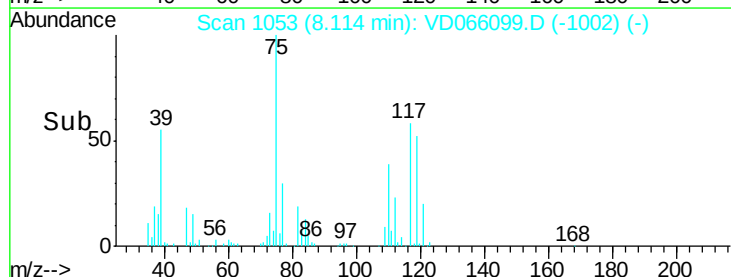
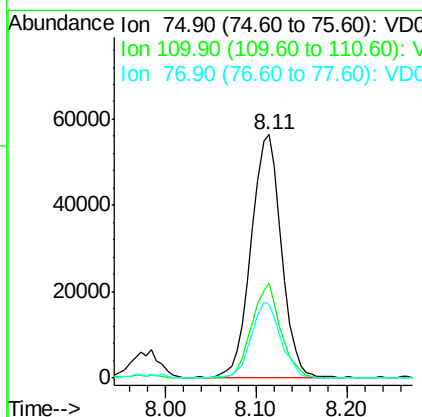
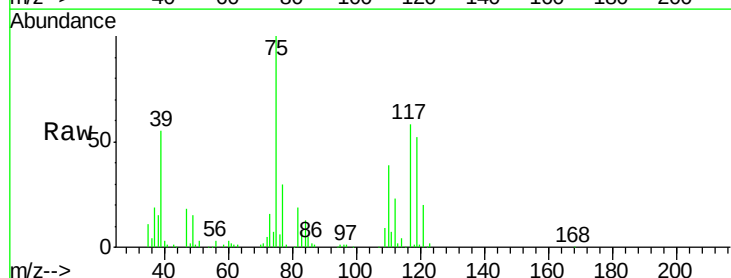
Manual Integrations
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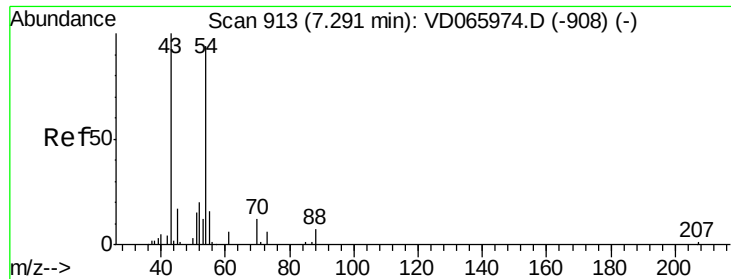
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#36
1,1-Dichloropropene
Concen: 48.884 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131564		
110	36.8	19.5	58.5	
77	30.3	24.7	37.1	





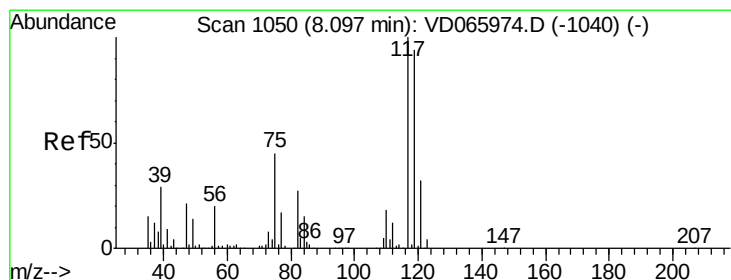
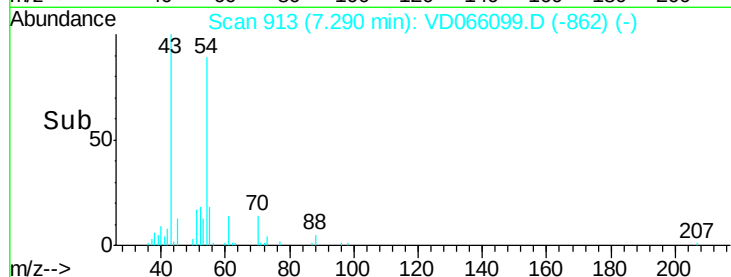
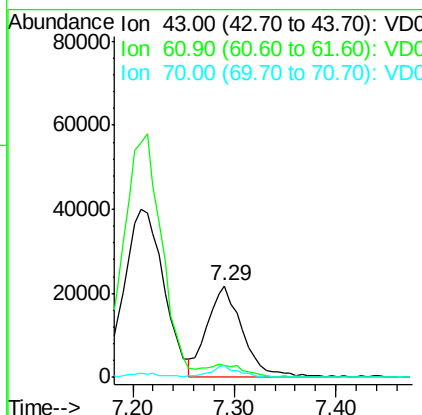
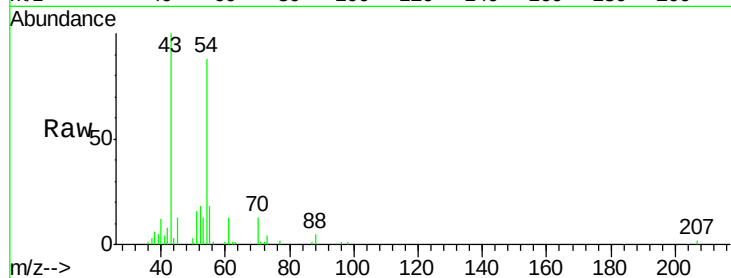
#37
Ethyl Acetate
Concen: 51.806 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.4	11.4	17.0
70	10.7	9.3	13.9

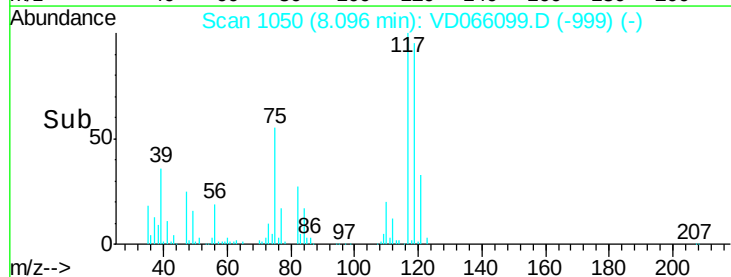
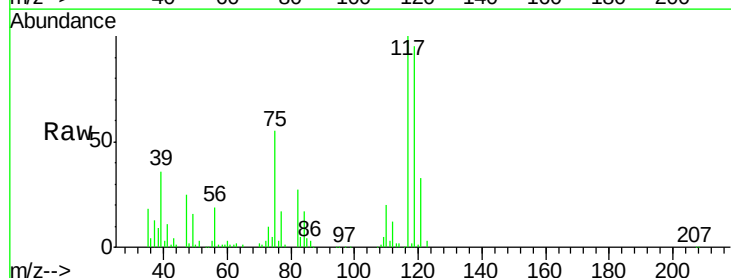
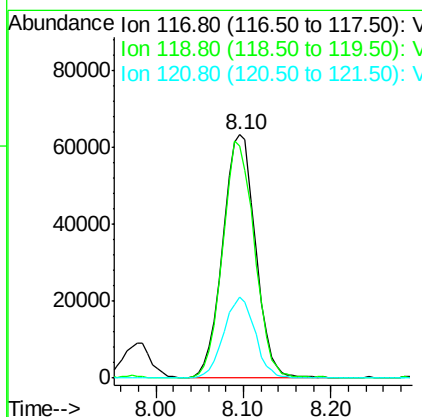
Manual Integrations
APPROVED

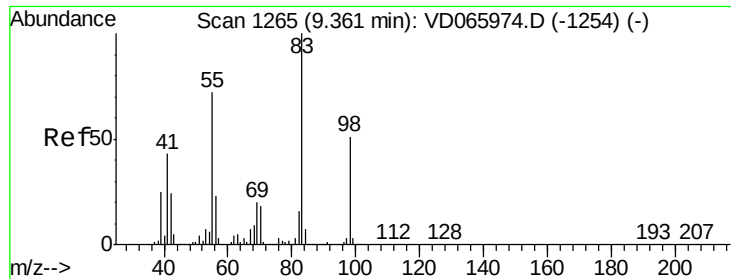
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#38
Carbon Tetrachloride
Concen: 55.213 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.6
121	33.2	25.5	38.3





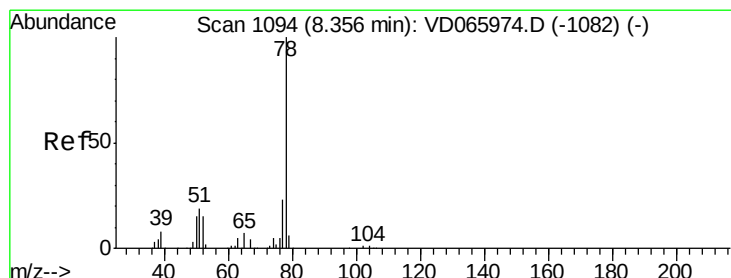
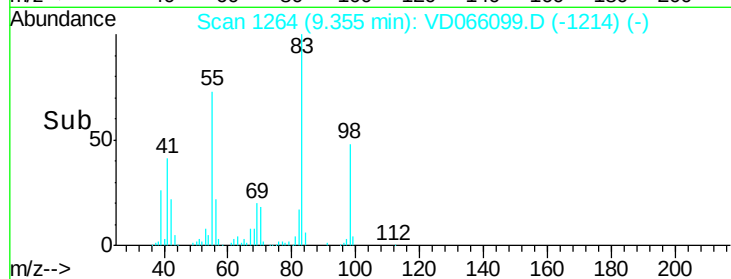
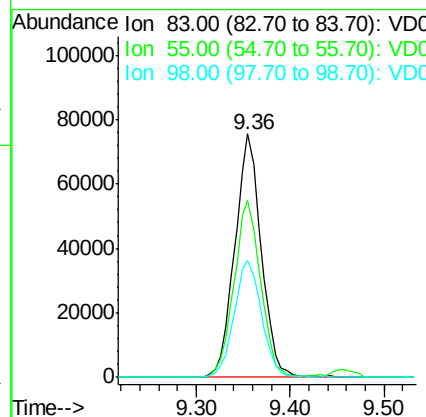
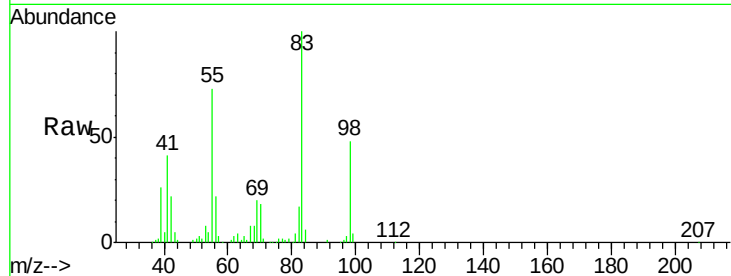
#39
Methylvlcyclohexane
Concen: 45.233 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	147424
Ion	Ratio	Lower	Upper
83	100		
55	72.7	57.3	85.9
98	47.9	41.0	61.6

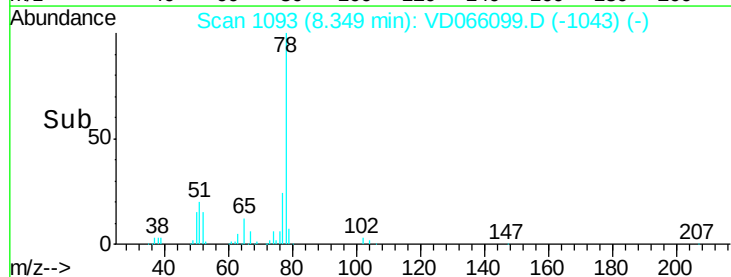
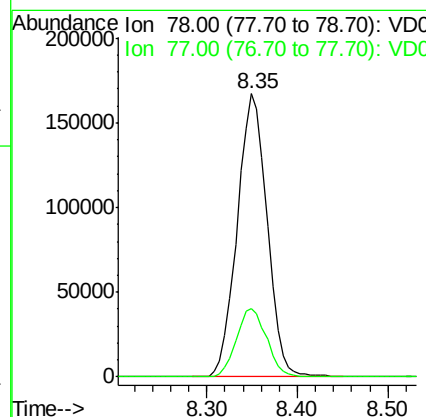
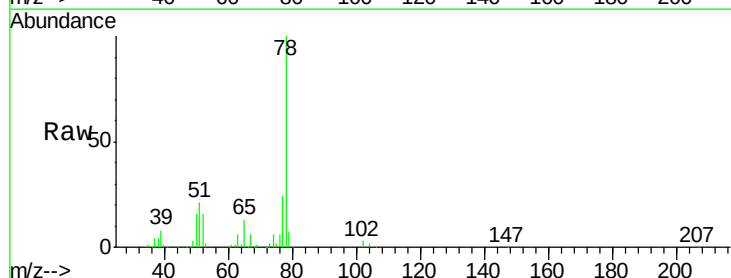
Manual Integrations
APPROVED

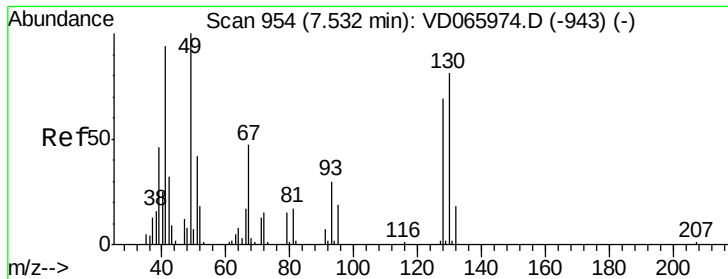
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#40
Benzene
Concen: 50.915 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	78	Resp	383362
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





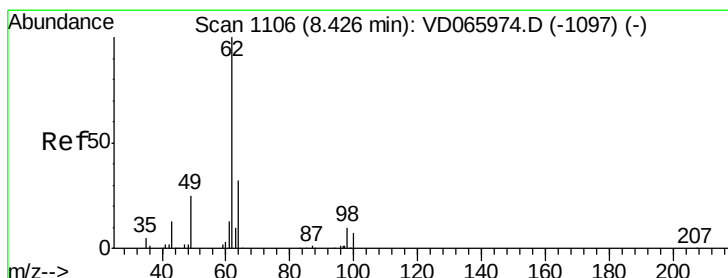
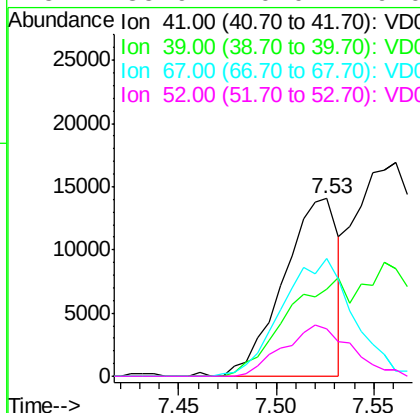
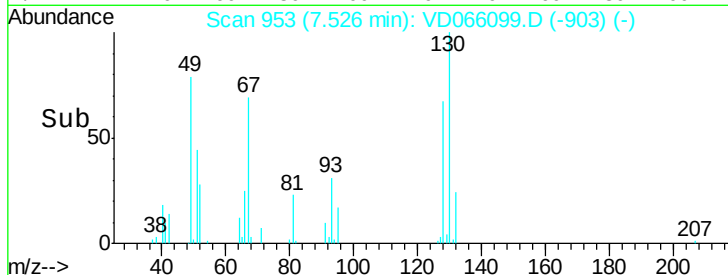
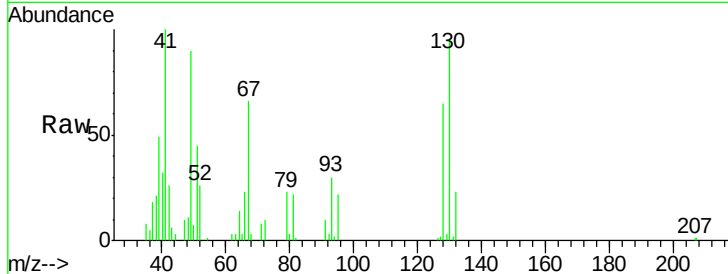
#41
Methacrylonitrile
Concen: 46.466 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	27359
Ion	Ratio	Lower	Upper
41	100		
39	62.8	0.0	0.0#
67	86.8	0.0	0.0#
52	35.9	0.0	0.0#

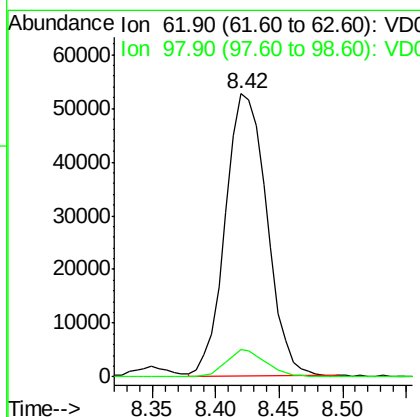
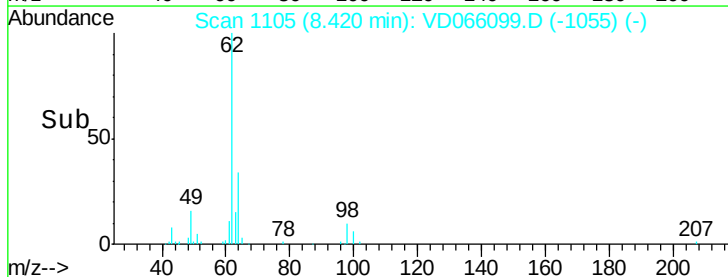
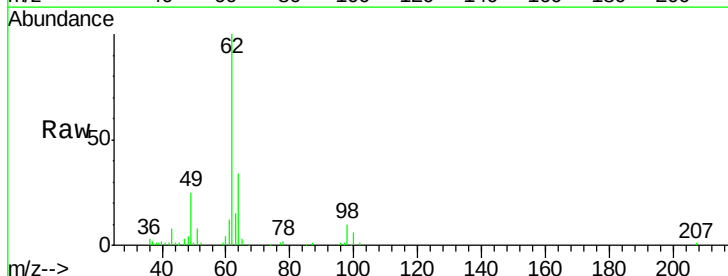
Manual Integrations
APPROVED

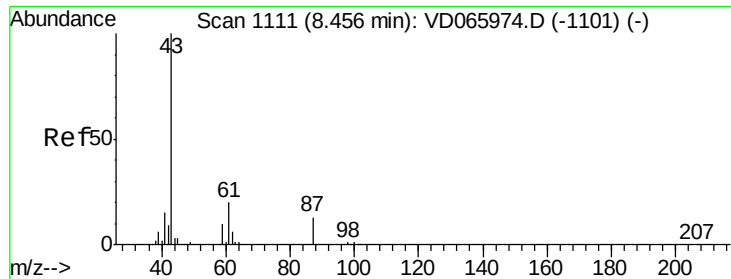
MMDadoda
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#42
1,2-Dichloroethane
Concen: 57.928 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	62	Resp	119520
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 50.933 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

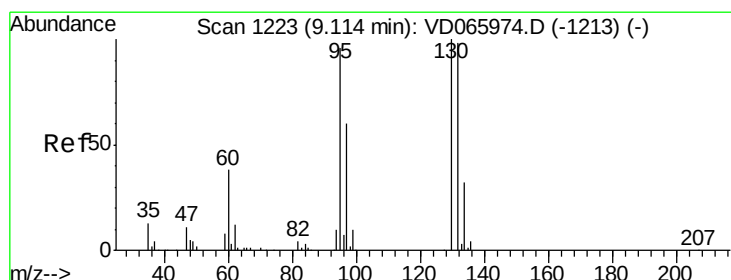
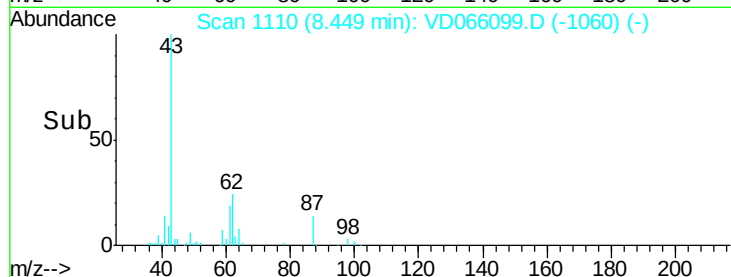
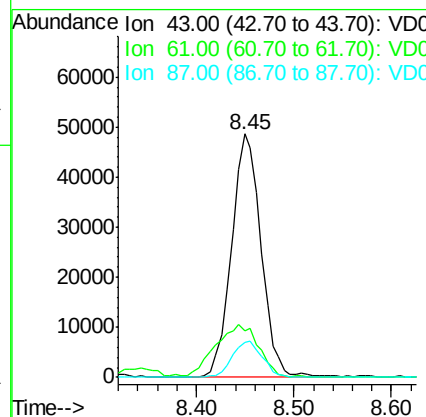
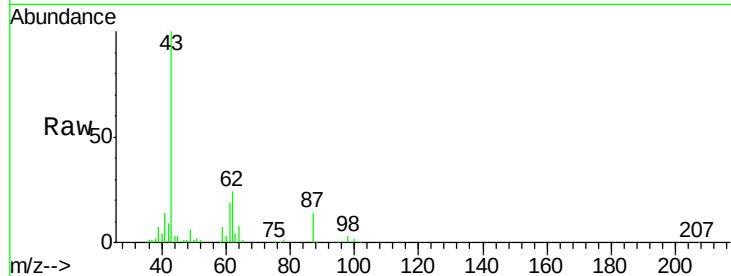
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	102247
Ion Ratio	Lower	Upper	
43	100		
61	31.3	25.8	38.8
87	15.2	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 50.937 ug/l

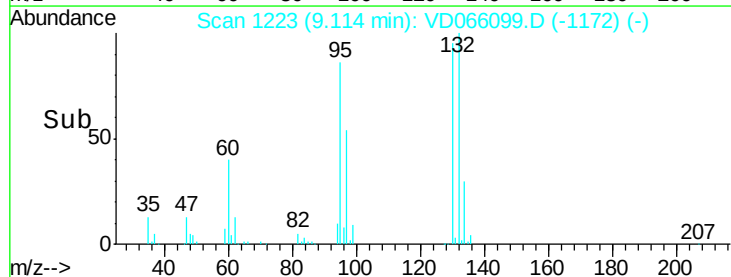
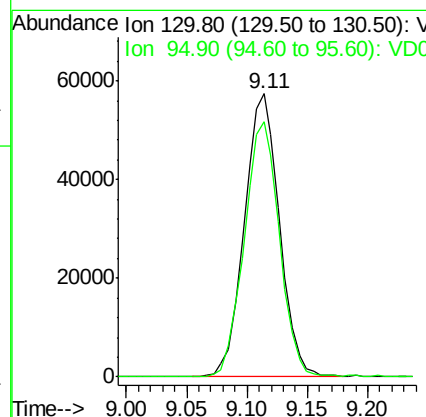
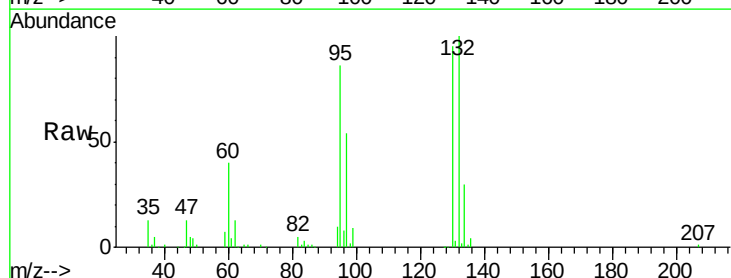
RT: 9.11 min Scan# 1223

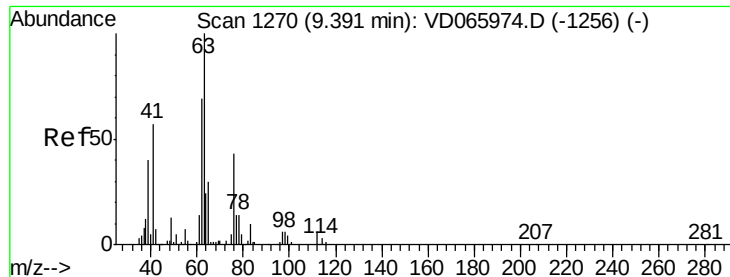
Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	130	Resp:	116060
Ion Ratio	Lower	Upper	
130	100		
95	90.3	0.0	191.6





#45

1,2-Dichloropropane

Concen: 49.335 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 89966

Ion Ratio Lower Upper

63 100

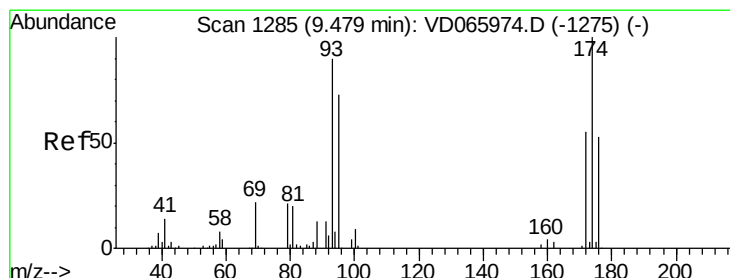
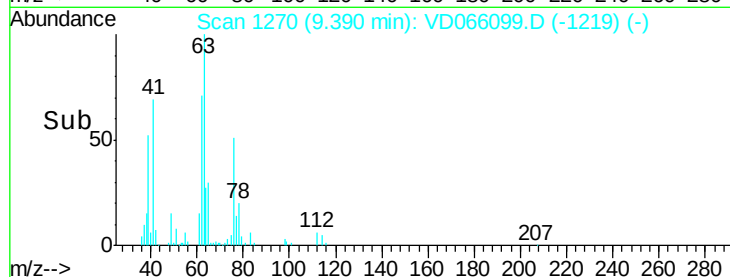
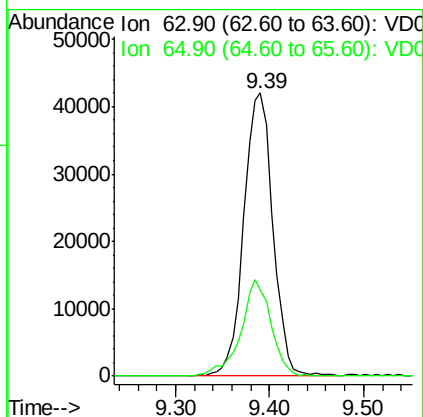
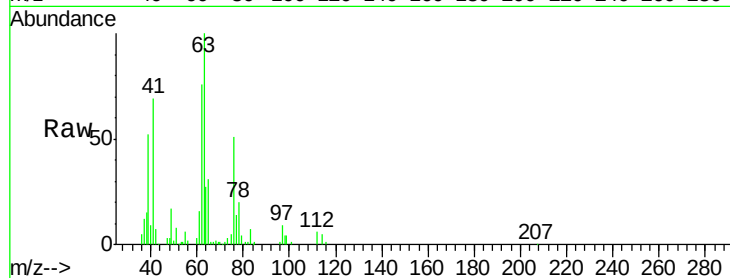
65 30.6 24.0 36.0

Manual Integrations

APPROVED

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#46

Dibromomethane

Concen: 54.682 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

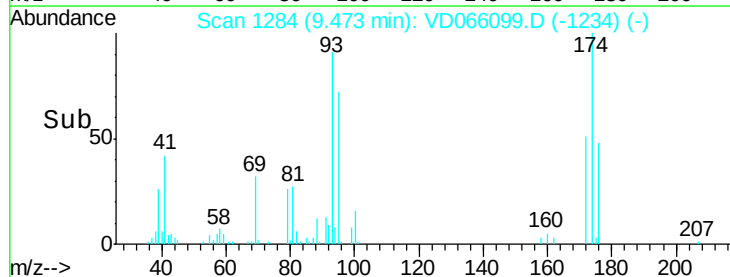
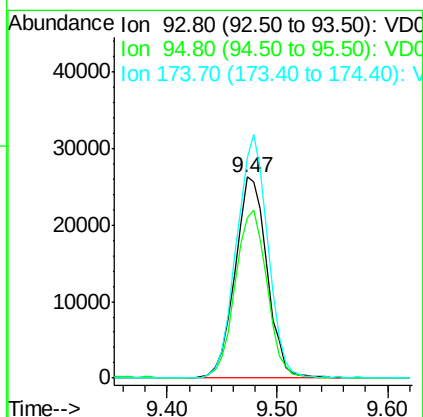
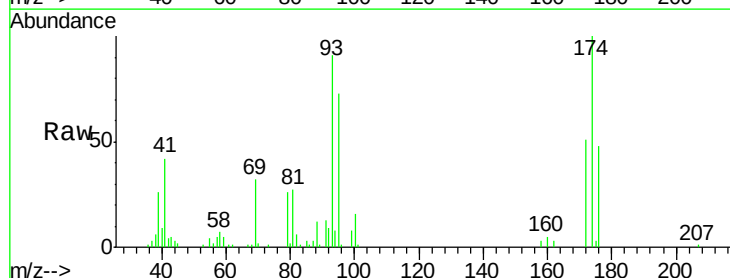
Tgt Ion: 93 Resp: 53680

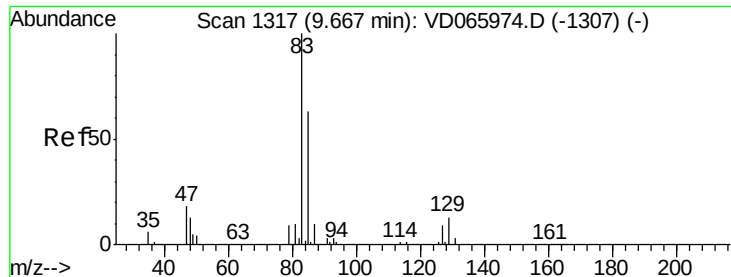
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 118.1 91.5 137.3





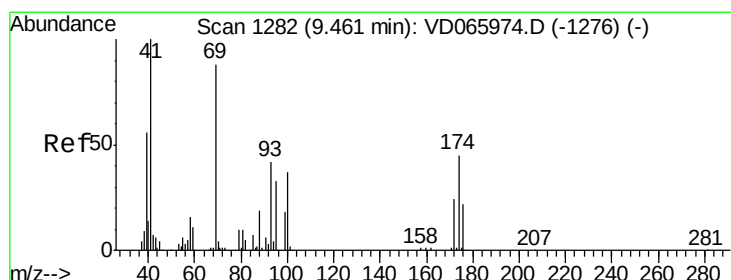
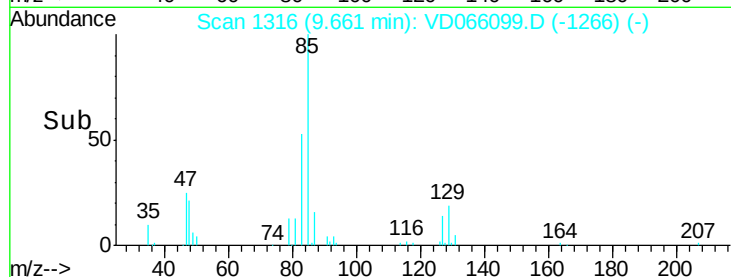
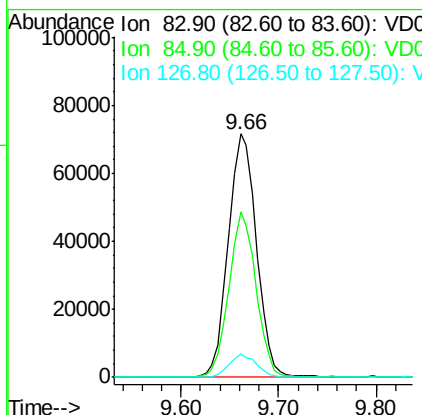
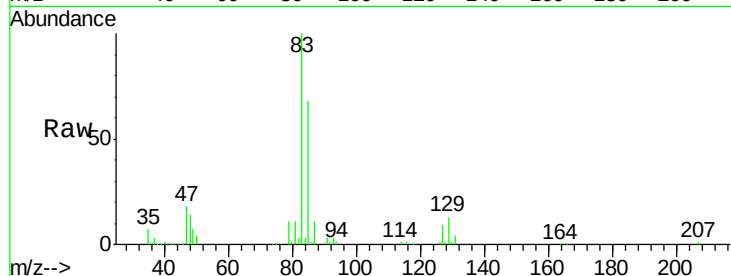
#47
Bromodichloromethane
Concen: 55.591 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	144296		
85	68.0		50.6	75.8
127	9.5		7.1	10.7

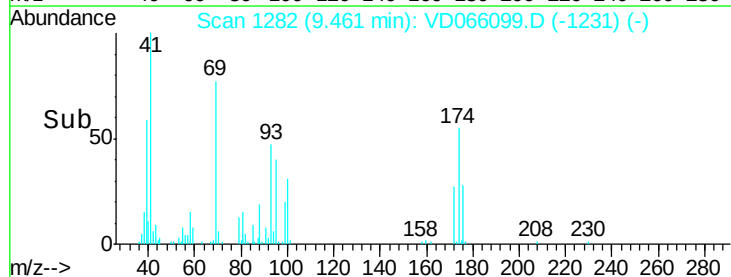
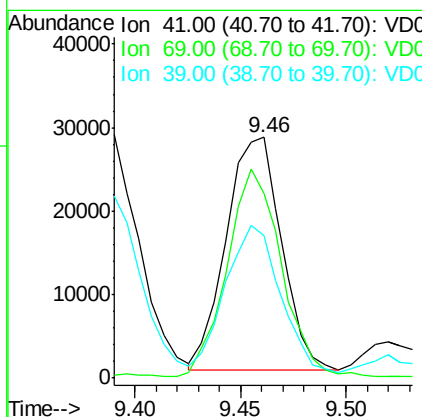
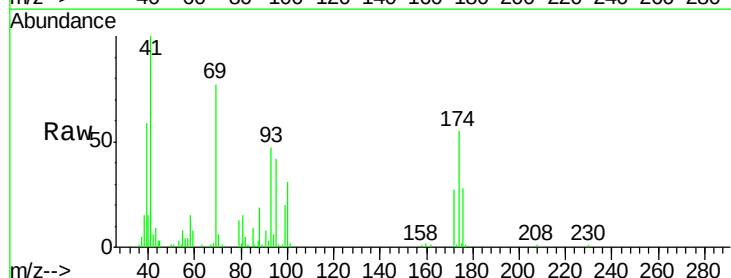
Manual Integrations
APPROVED

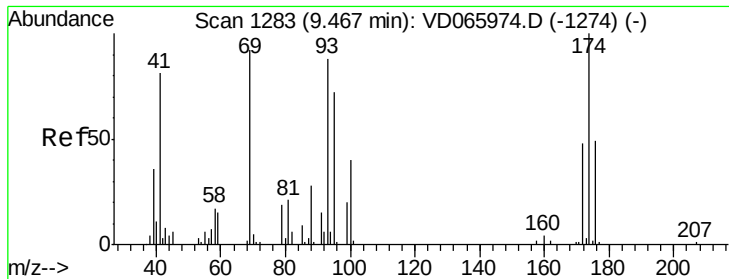
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#48
Methyl methacrylate
Concen: 50.202 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	50836		
69	89.8		65.1	97.7
39	62.7		41.5	62.3#





#49

1,4-Dioxane

Concen: 1039.977 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

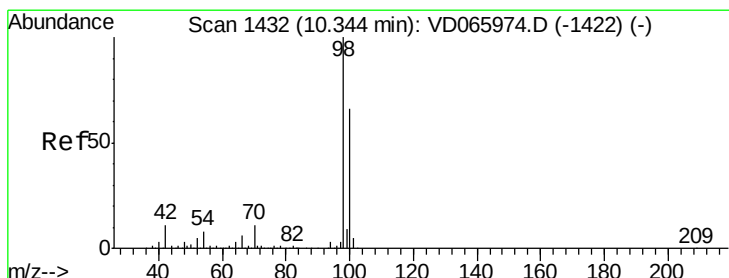
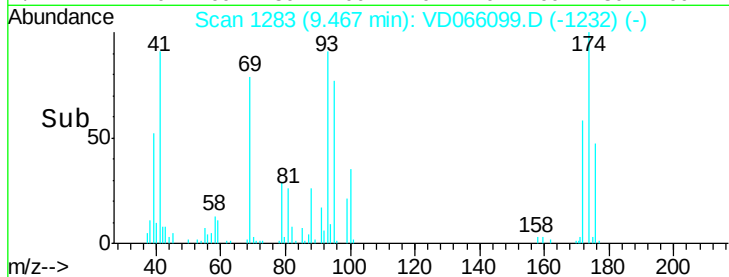
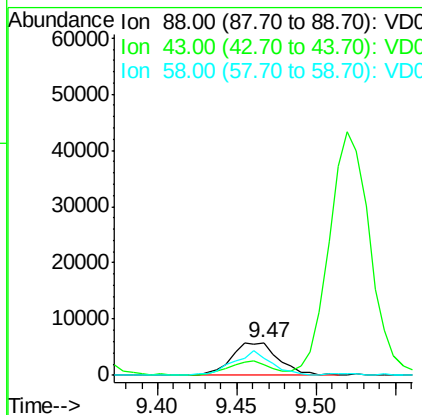
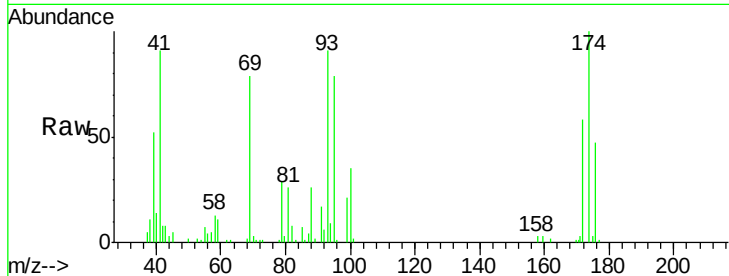
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	11828
Ion	Ratio	Lower	Upper
88	100		
43	41.6	29.0	43.6
58	60.4	57.0	85.4

Manual Integrations
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#50

Toluene-d8

Concen: 52.700 ug/l

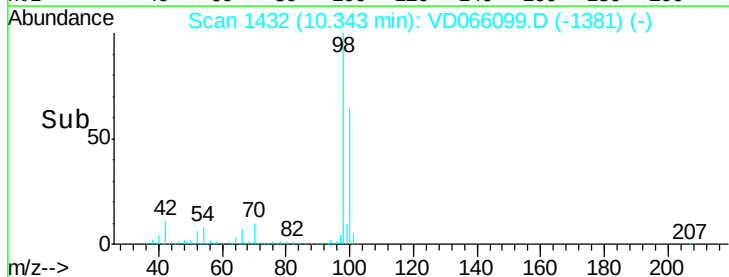
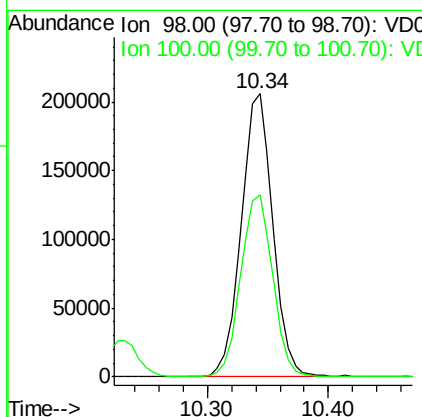
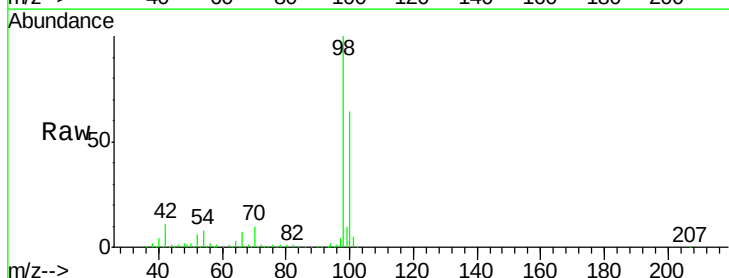
RT: 10.34 min Scan# 1432

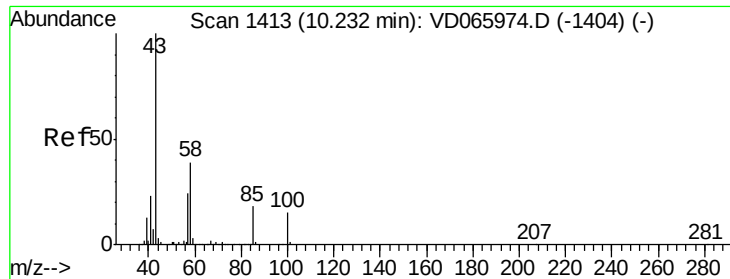
Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	98	Resp:	375498
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 257.958 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 260920

Ion Ratio Lower Upper

43 100

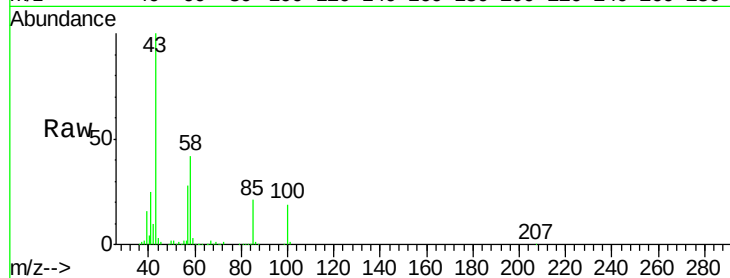
58 41.3 31.3 46.9

Manual Integrations

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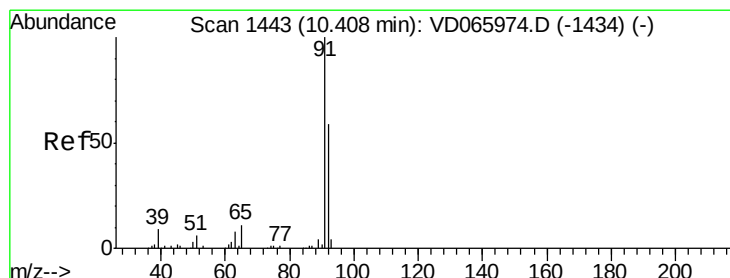
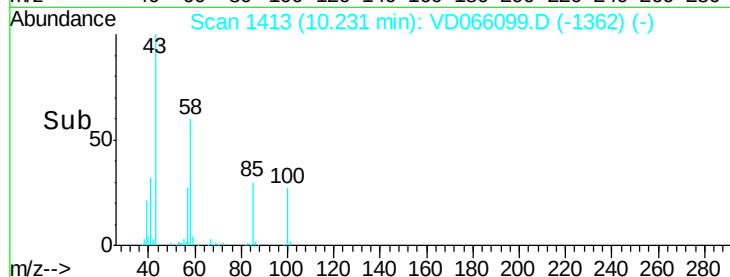
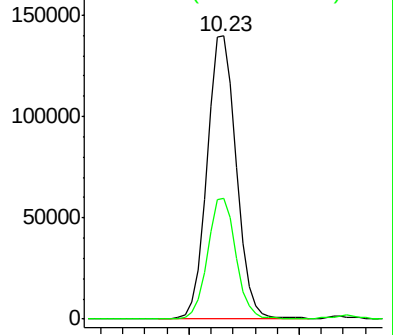
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.337 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066099.D

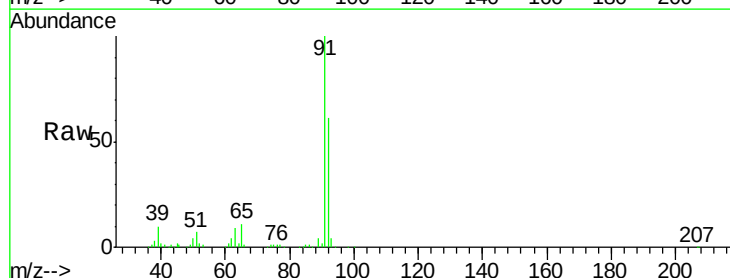
Acq: 29 Jul 2020 19:44

Tgt Ion: 92 Resp: 266810

Ion Ratio Lower Upper

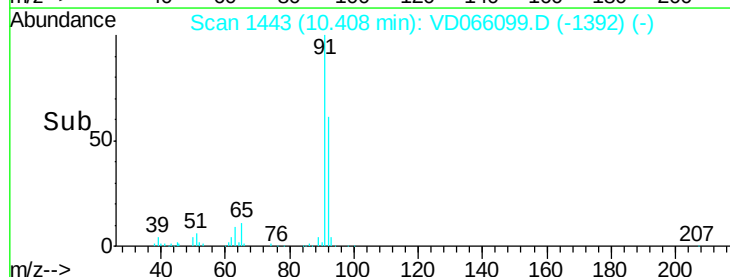
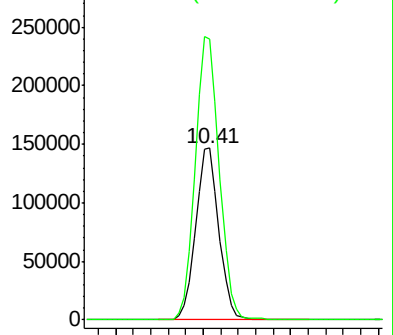
92 100

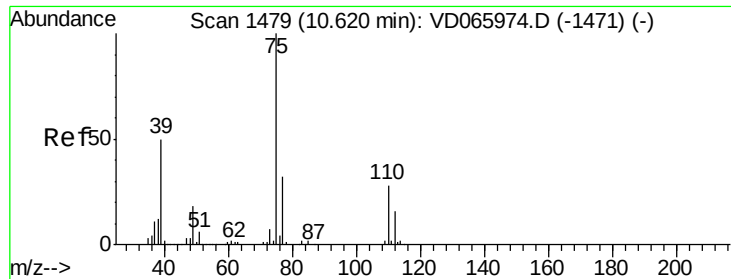
91 170.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





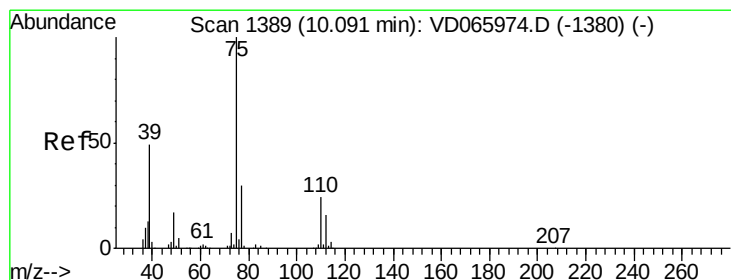
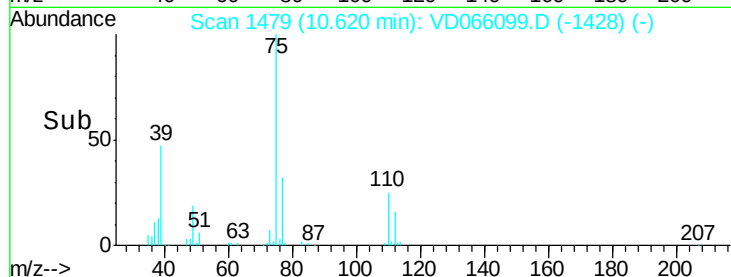
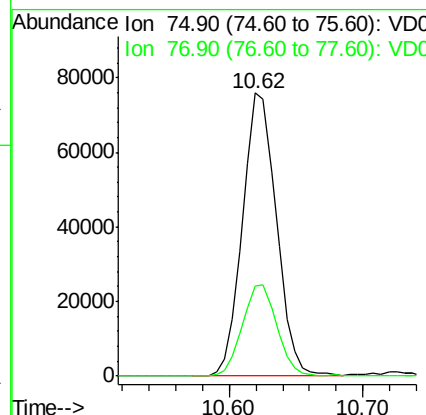
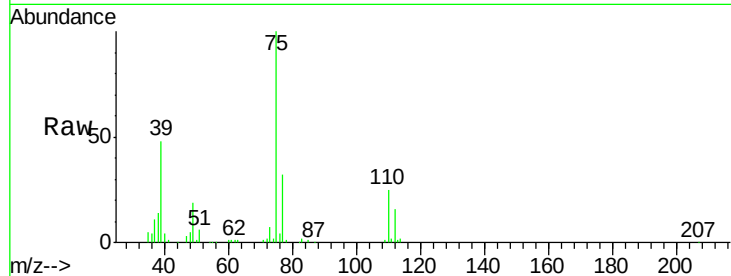
#53
t-1,3-Dichloropropene
Concen: 55.298 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 133724
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

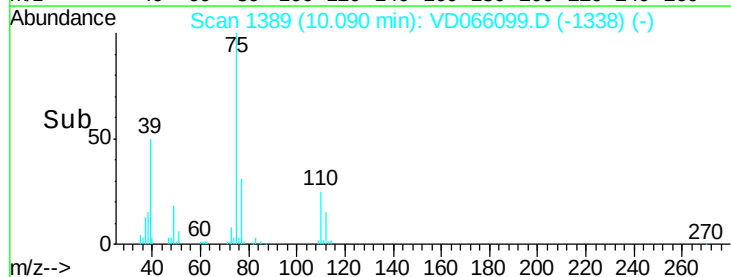
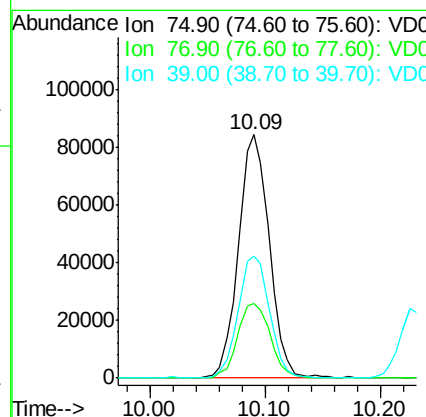
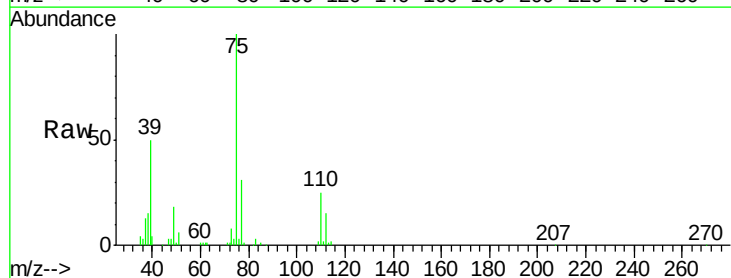
Manual Integrations
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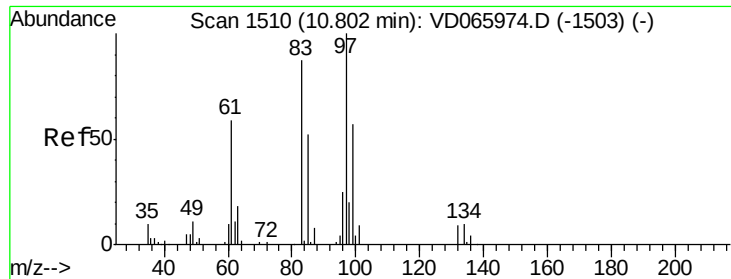
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#54
cis-1,3-Dichloropropene
Concen: 53.287 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion: 75 Resp: 156202
Ion Ratio Lower Upper
75 100
77 30.7 23.8 35.8
39 50.1 38.8 58.2





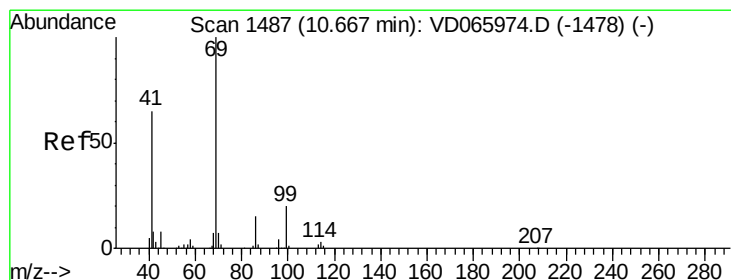
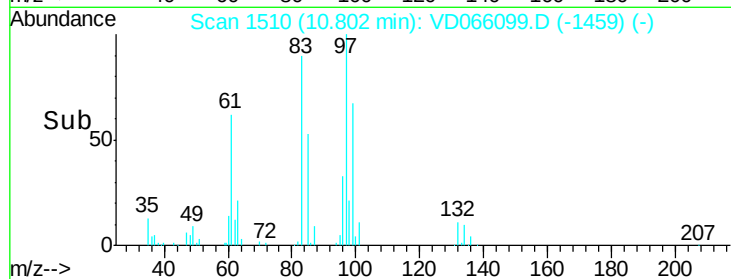
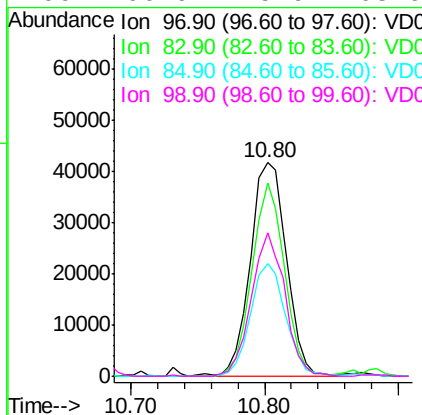
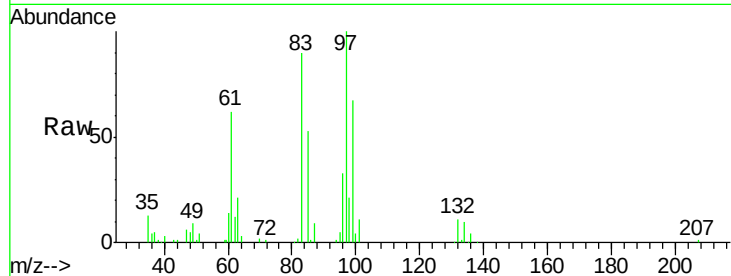
#55
 1,1,2-Trichloroethane
 Concen: 55.863 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		77777		
83	90.4	69.7	104.5		
85	53.0	41.6	62.4		
99	66.9	45.9	68.9		

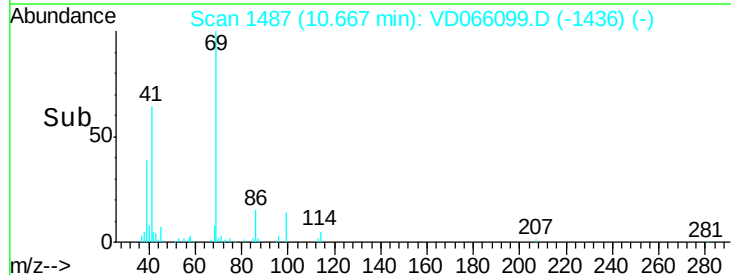
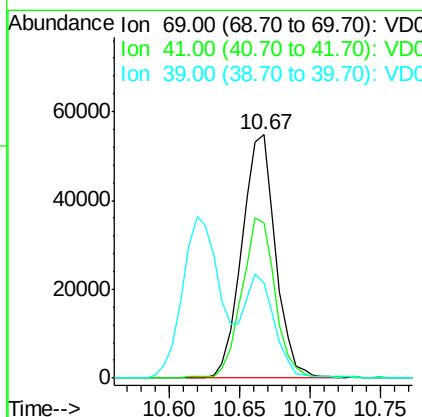
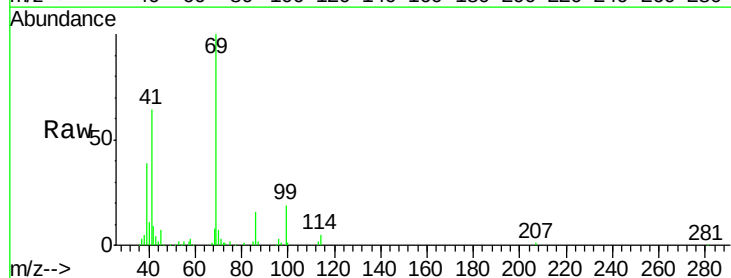
Manual Integrations
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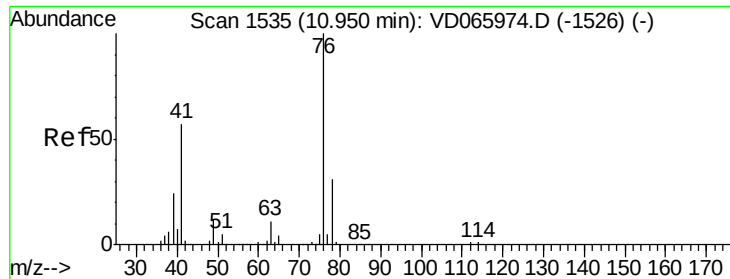
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#56
 Ethyl methacrylate
 Concen: 56.542 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		91526		
41	65.8	52.3	78.5		
39	40.0	25.2	37.8#		





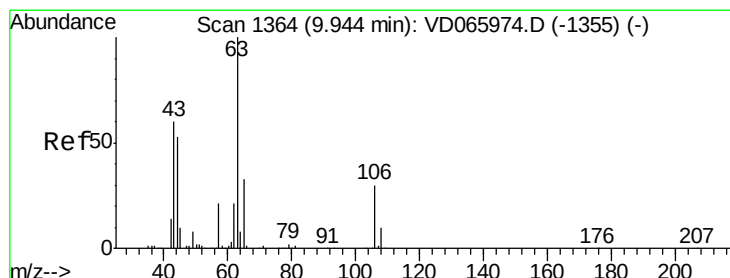
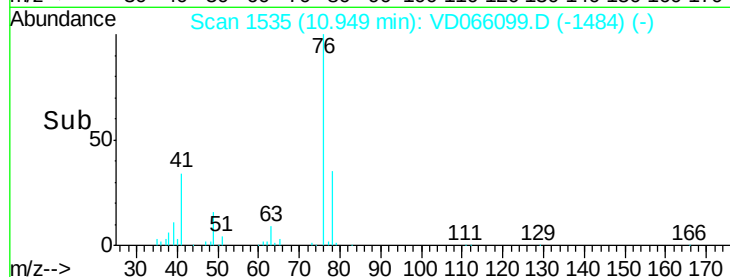
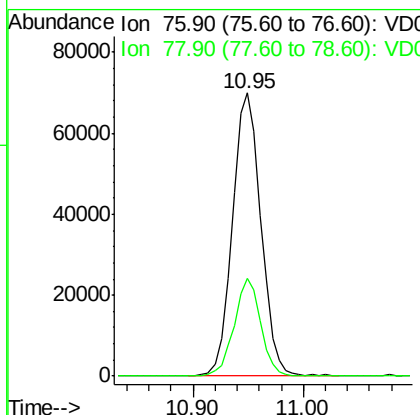
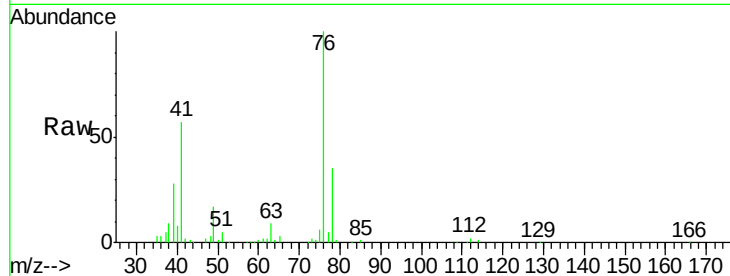
#57
 1,3-Dichloropropane
 Concen: 54.777 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

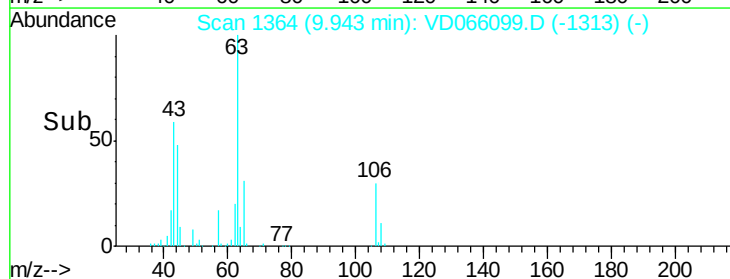
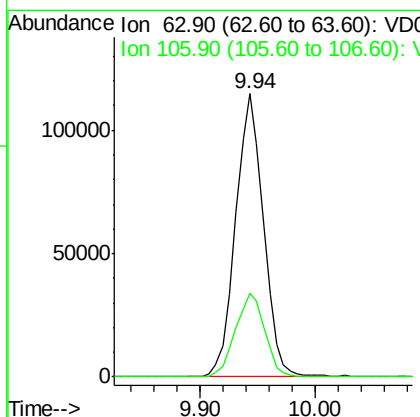
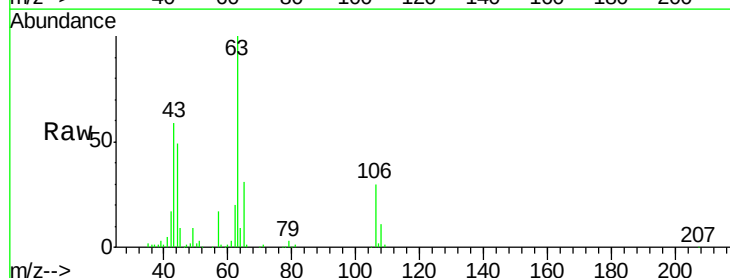
Manual Integrations
 APPROVED

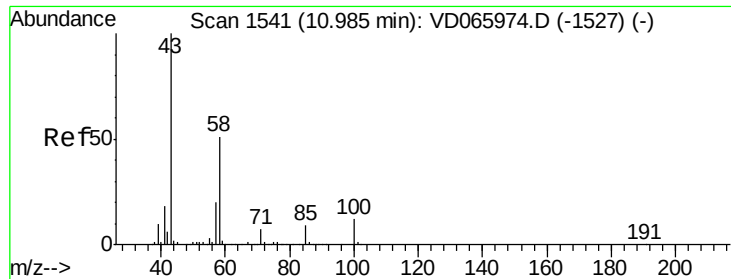
MMDadoda
 7/30/2020 6:19:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.495 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	24.4	36.6





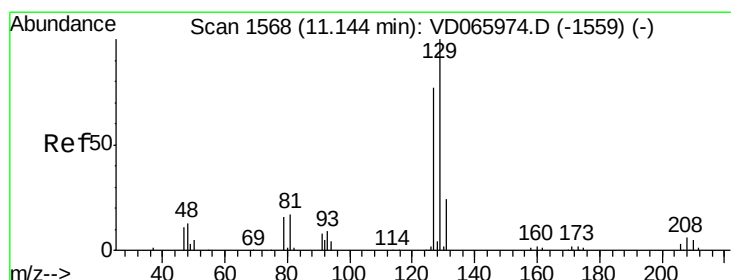
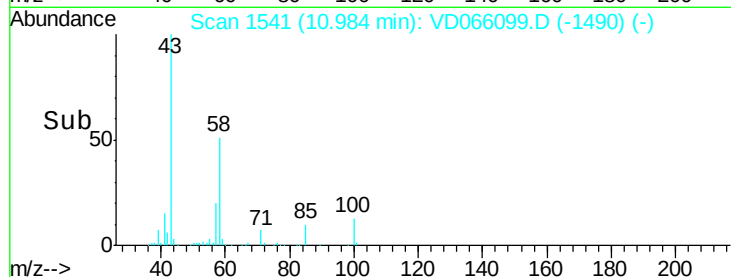
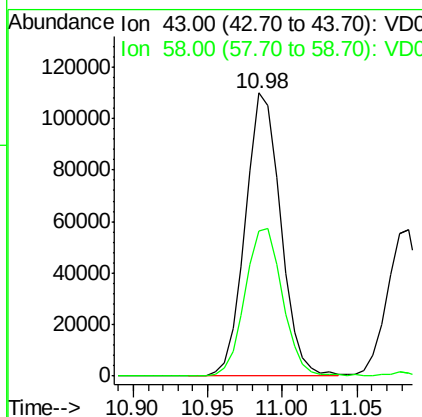
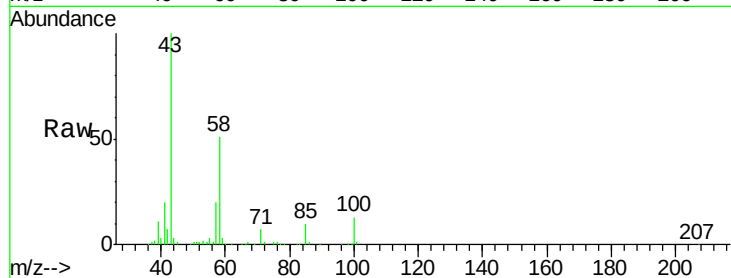
#59
2-Hexanone
Concen: 257.687 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 180624
Ion Ratio Lower Upper
43 100
58 55.3 26.2 78.6

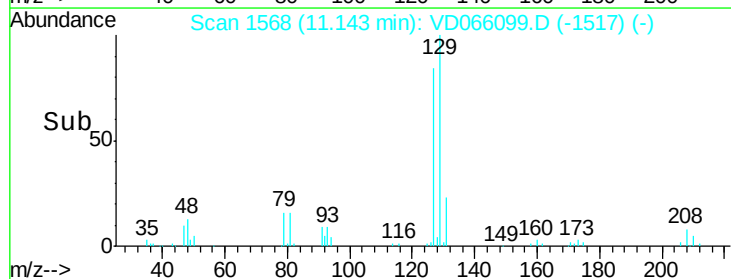
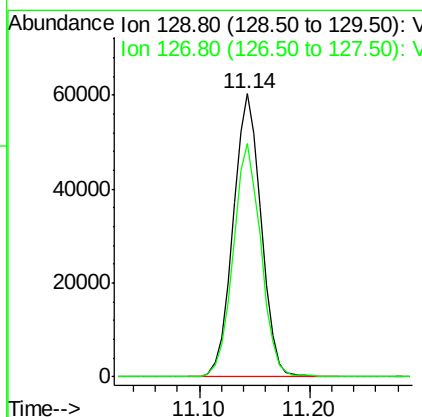
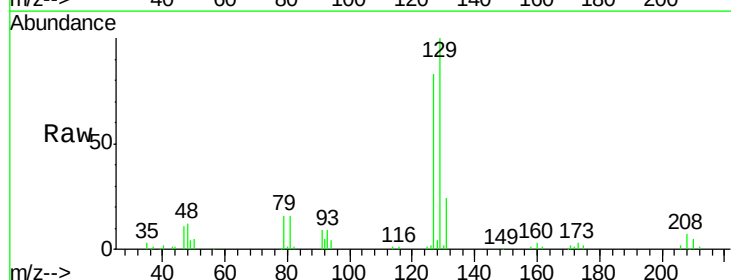
Manual Integrations
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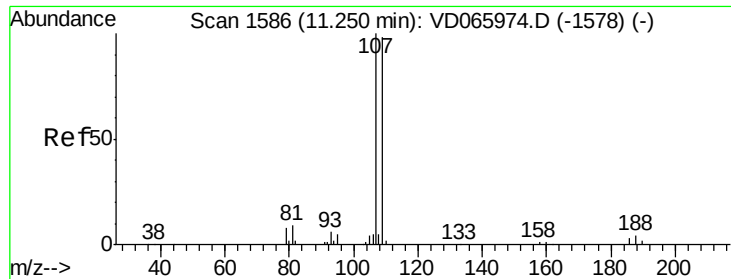
MMDadoda
7/30/2020 6:19:45 PM



#60
Dibromochloromethane
Concen: 57.186 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion: 129 Resp: 107350
Ion Ratio Lower Upper
129 100
127 81.4 38.6 115.7





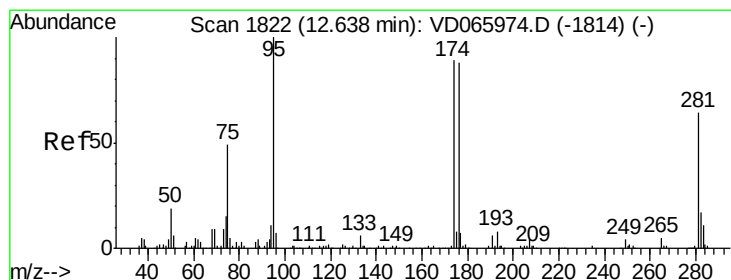
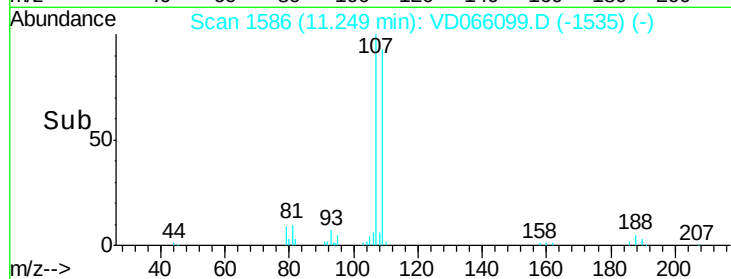
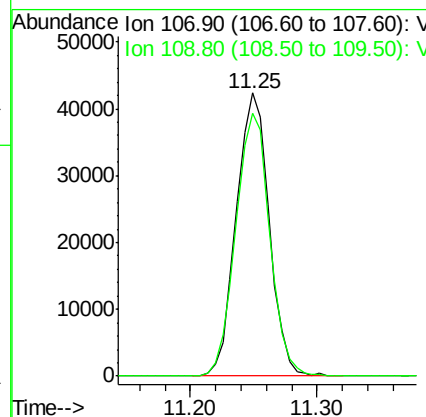
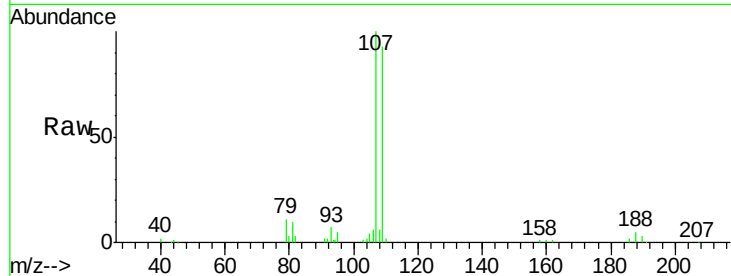
#61
 1,2-Dibromoethane
 Concen: 56.665 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 76068
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.0 112.4

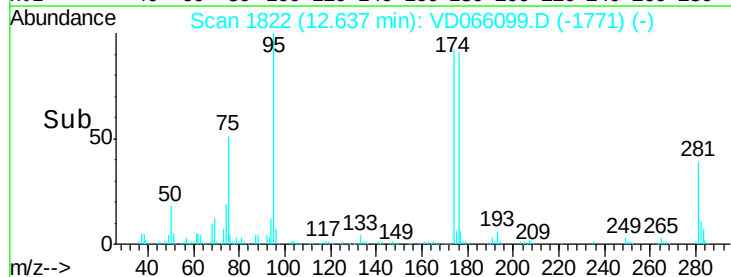
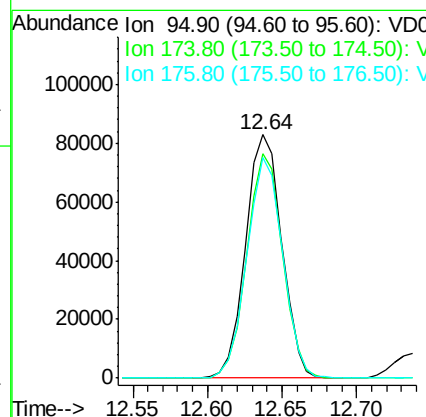
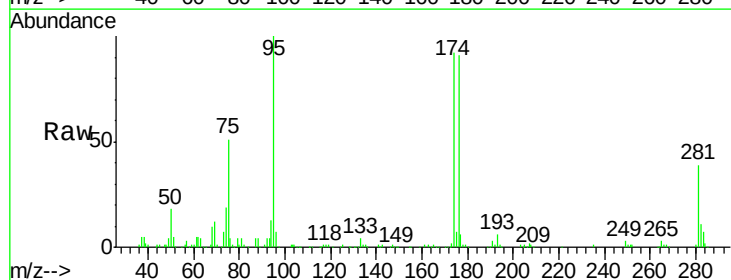
Manual Integrations
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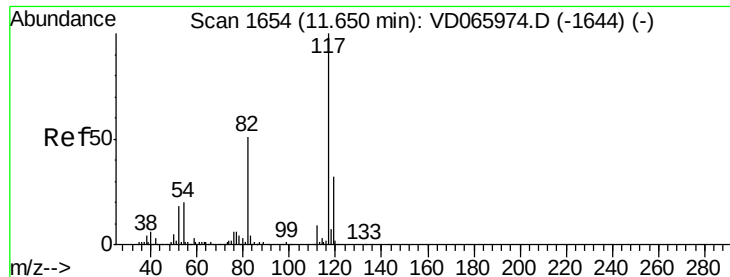
MMDadoda
 7/30/2020 6:19:45 PM



#62
 4-Bromofluorobenzene
 Concen: 56.067 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion: 95 Resp: 138518
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 178.8
 176 89.7 0.0 172.6





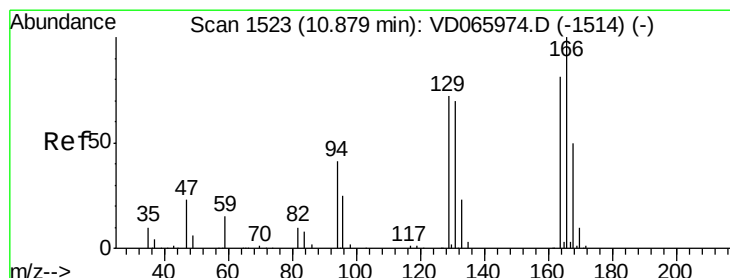
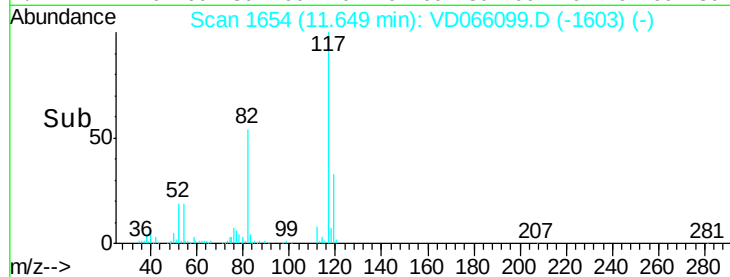
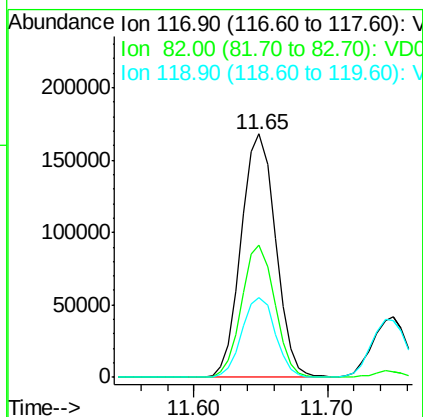
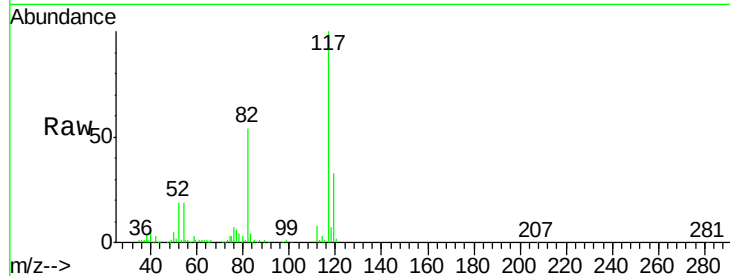
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300307		
82	54.4		41.1	61.7
119	32.9		25.9	38.9

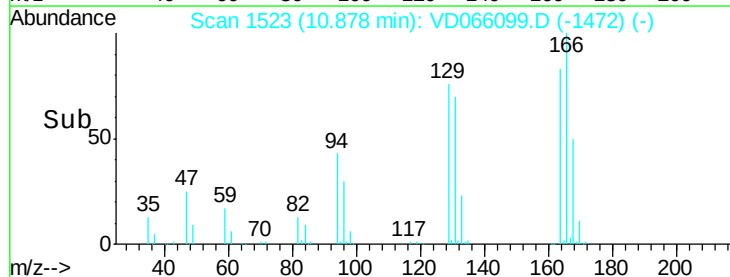
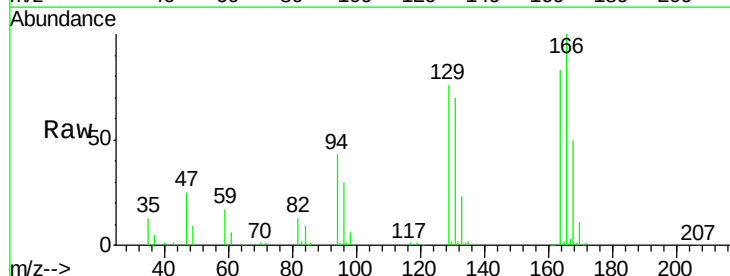
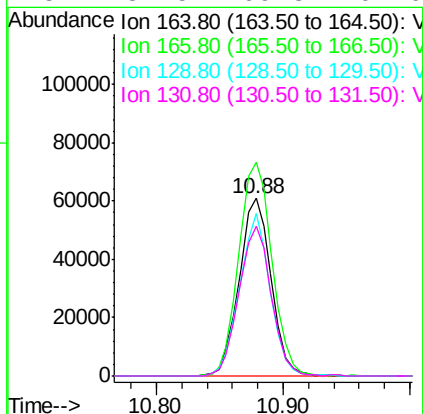
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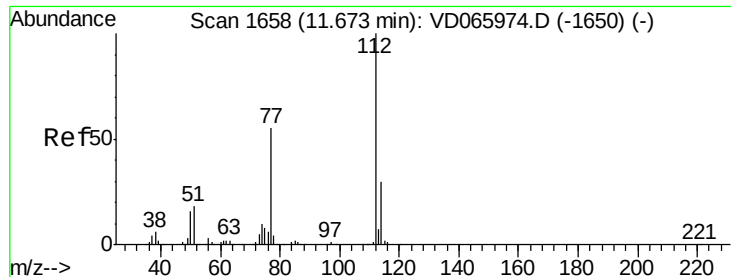
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#64
Tetrachloroethene
Concen: 52.125 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106247		
166	120.1		99.1	148.7
129	91.3		71.5	107.3
131	84.5		69.8	104.6





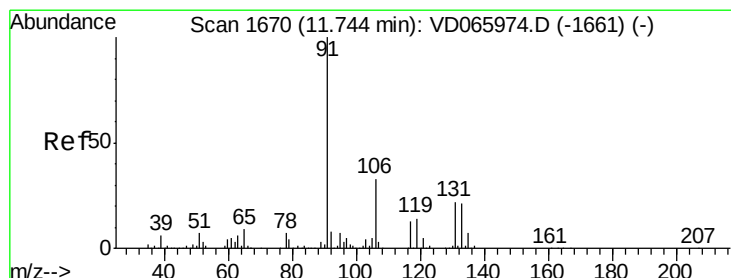
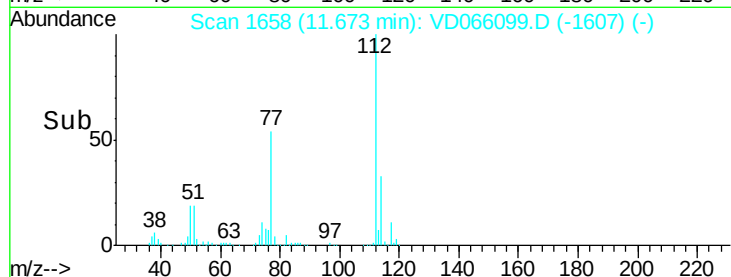
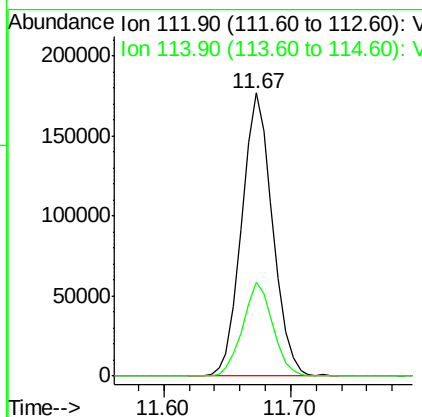
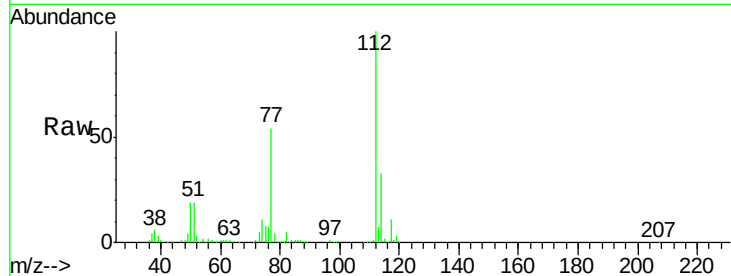
#65
Chlorobenzene
Concen: 54.160 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	24.4	36.6

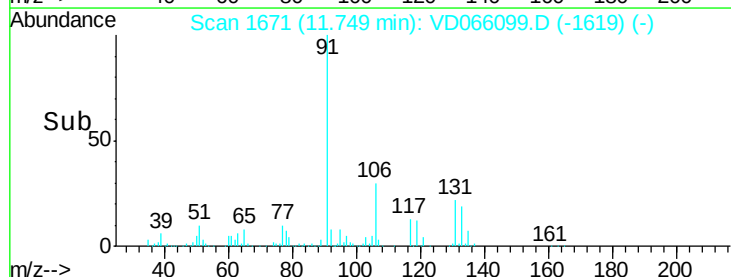
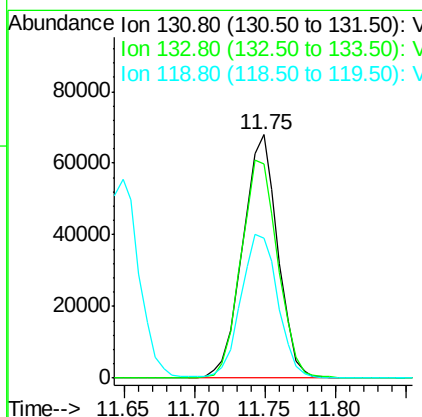
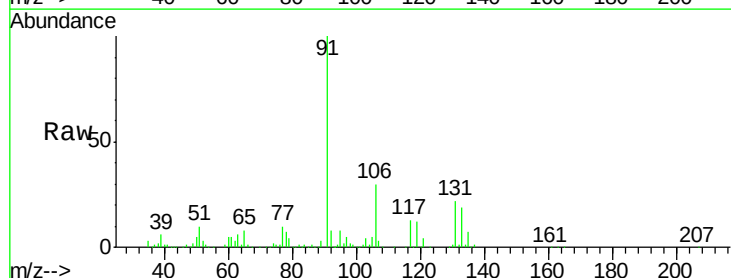
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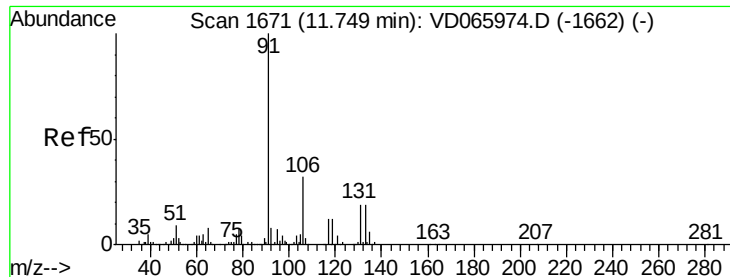
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.328 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.3	142.0
119	62.4	31.7	95.1





#67

Ethyl Benzene

Concen: 54.250 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 513339

Ion Ratio Lower Upper

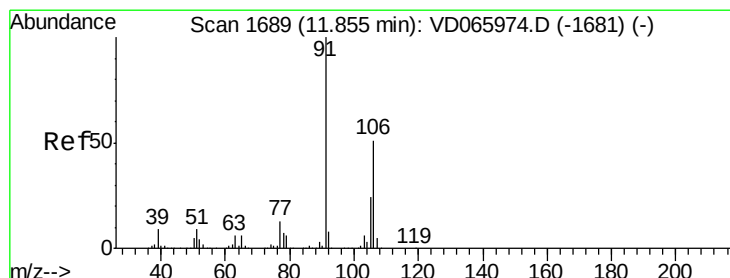
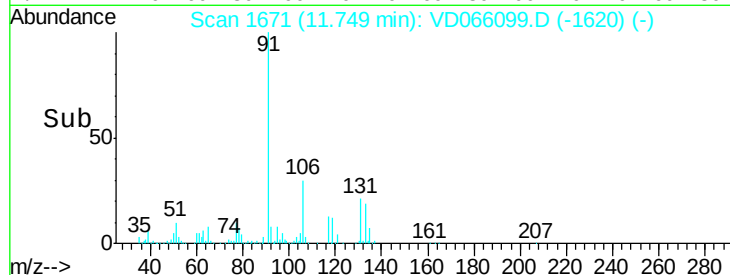
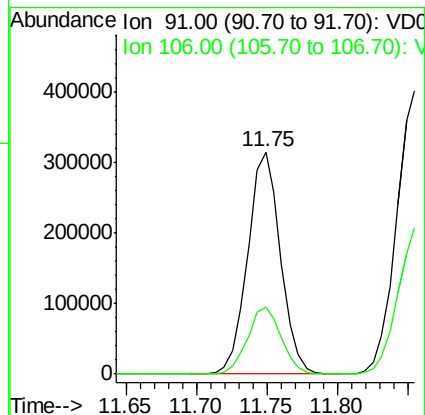
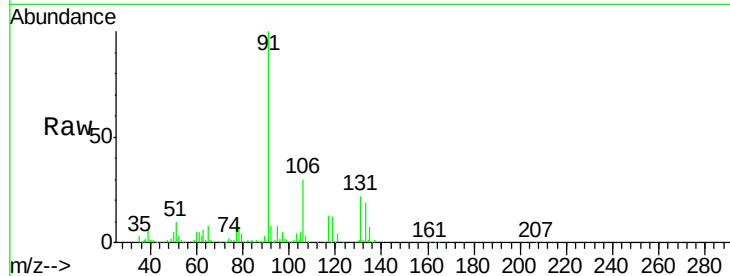
91 100

106 30.3 25.7 38.5

Manual Integrations
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7/30/2020 6:19:45 PM



#68

m/p-Xylenes

Concen: 109.391 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066099.D

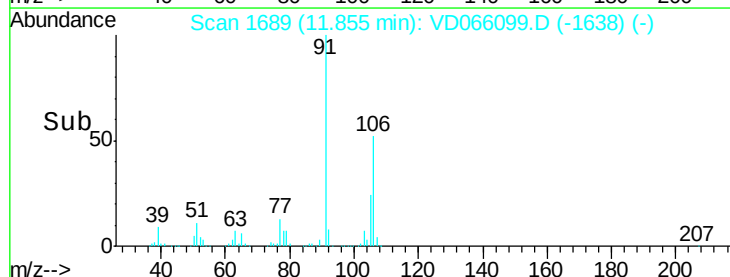
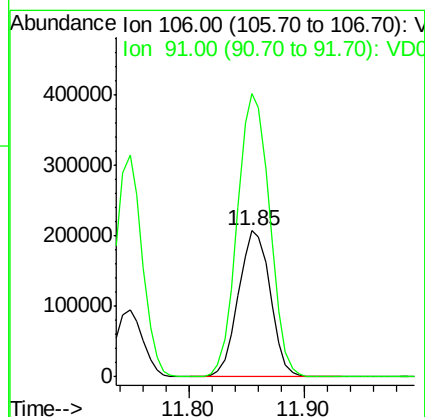
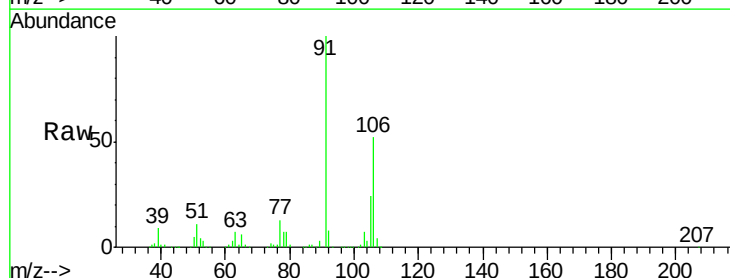
Acq: 29 Jul 2020 19:44

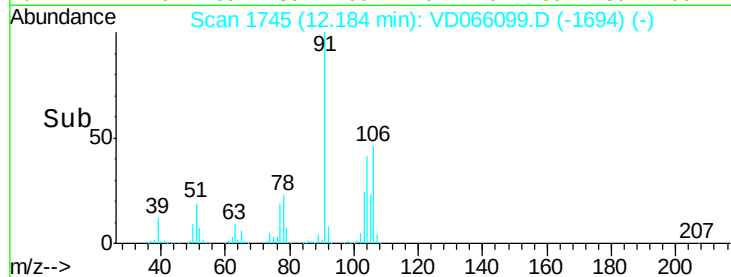
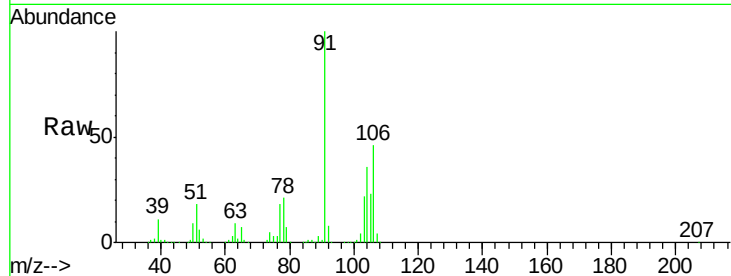
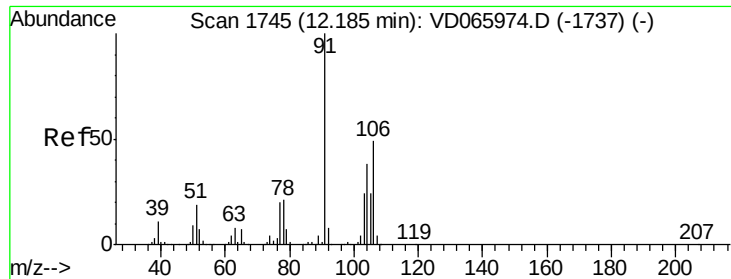
Tgt Ion: 106 Resp: 397852

Ion Ratio Lower Upper

106 100

91 197.0 157.0 235.6





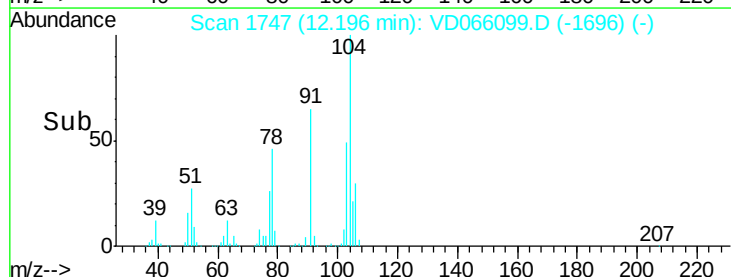
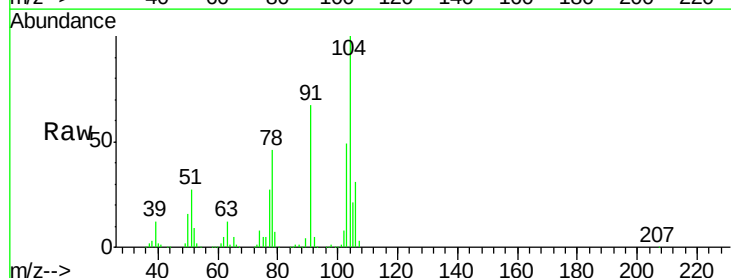
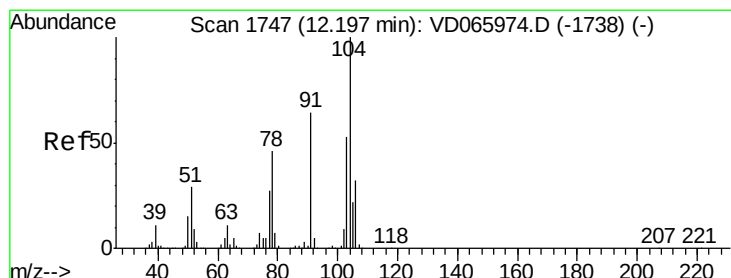
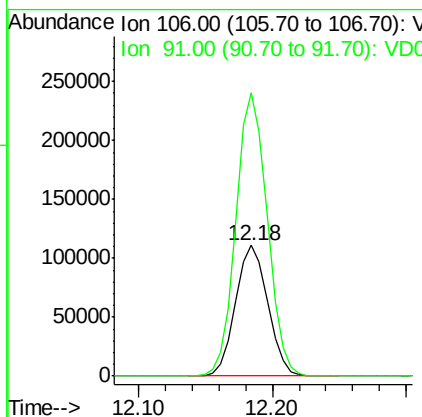
#69
o-Xylene
Concen: 56.098 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tot Ion	Ratio	Resp	Lower	Upper
106	100	185569		
91	210.3	103.1	309.3	

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

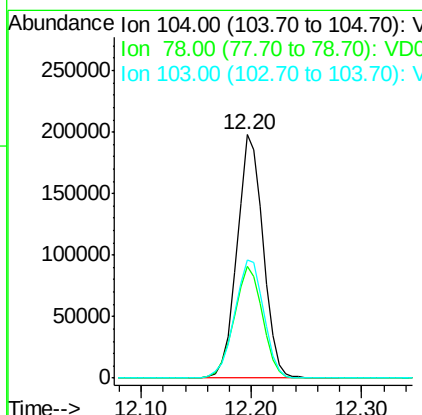
Manual Integrations
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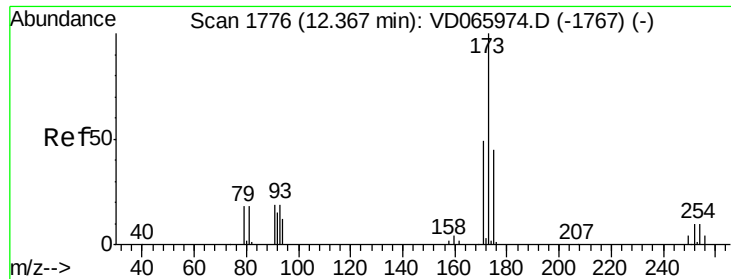
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#70
Styrene
Concen: 57.825 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	328655		
78	49.8	38.3	57.5	
103	54.2	43.8	65.8	





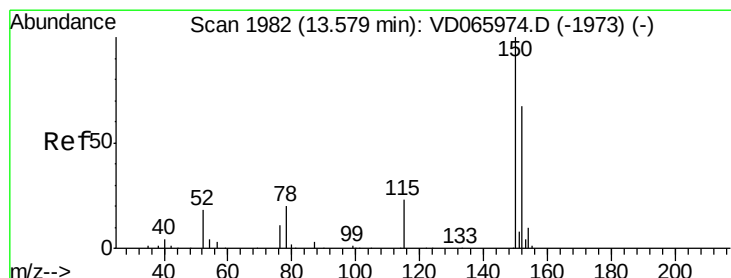
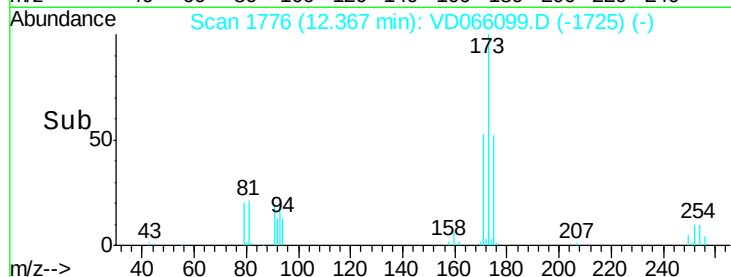
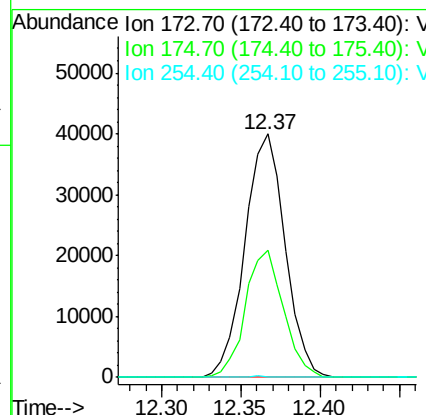
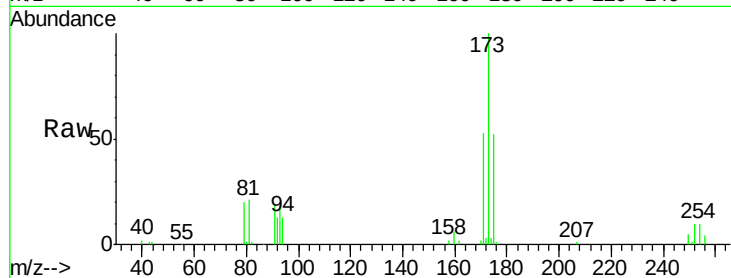
#71
Bromoform
Concen: 59.201 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.3
254	0.1	0.0	0.0

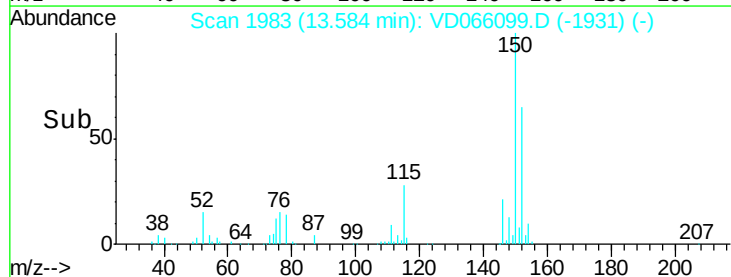
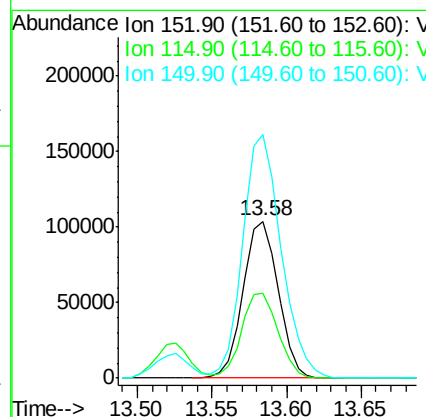
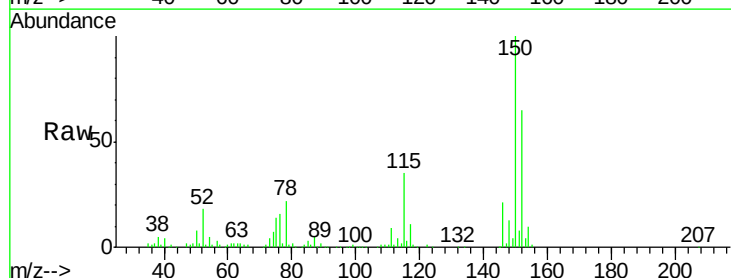
Manual Integrations
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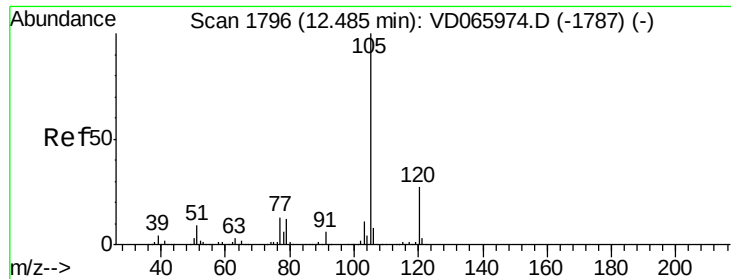
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.9	83.7
150	169.3	0.0	348.2





#73

Isopropylbenzene

Concen: 49.291 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 507280

Ion Ratio Lower Upper

105 100

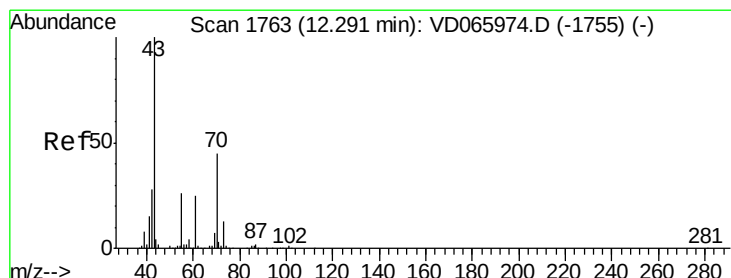
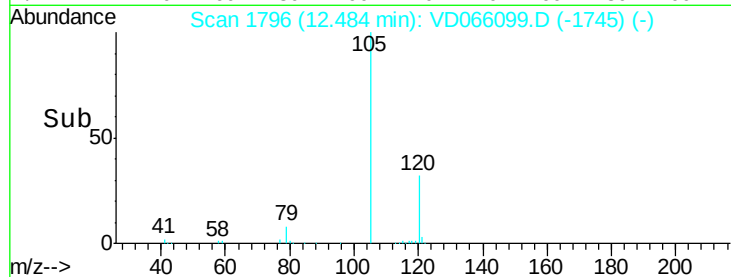
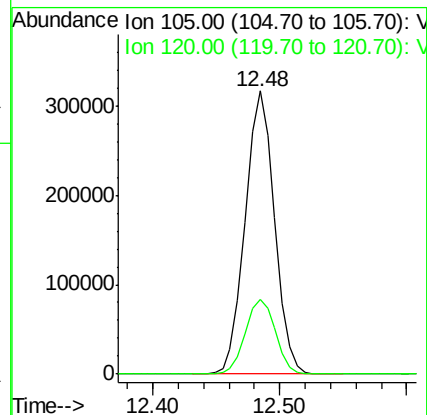
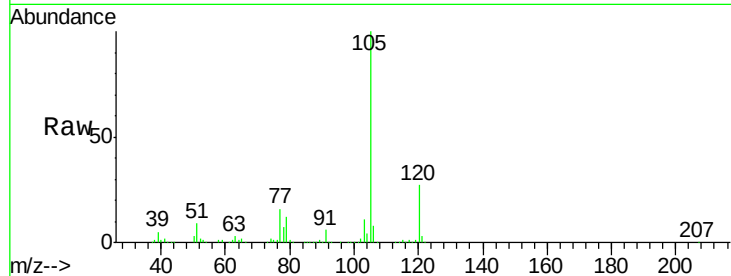
120 27.1 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.059 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion: 43 Resp: 102550

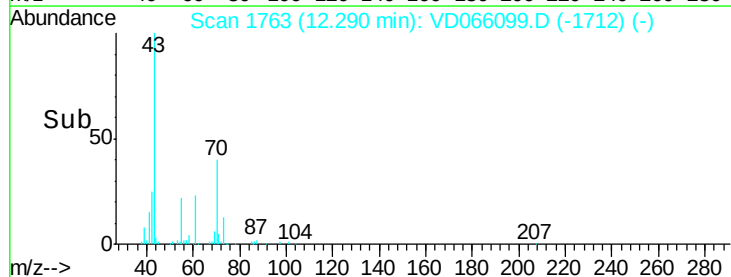
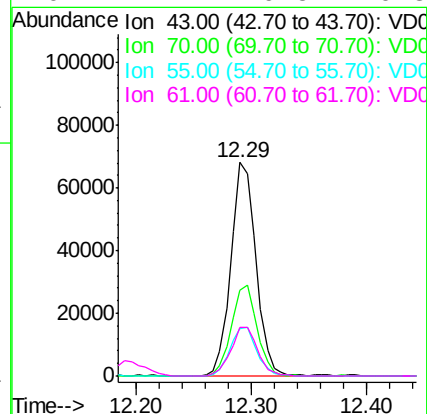
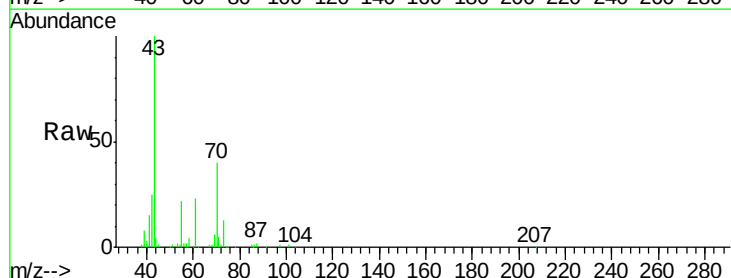
Ion Ratio Lower Upper

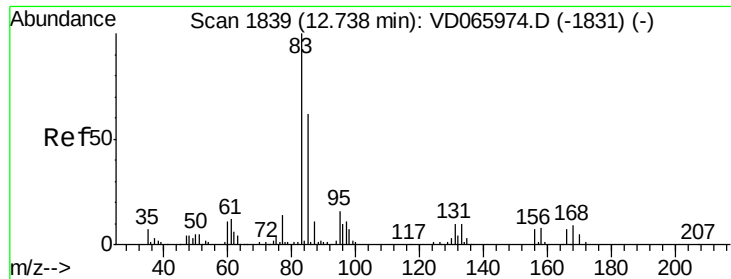
43 100

70 43.5 34.6 51.8

55 24.1 20.3 30.5

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.651 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

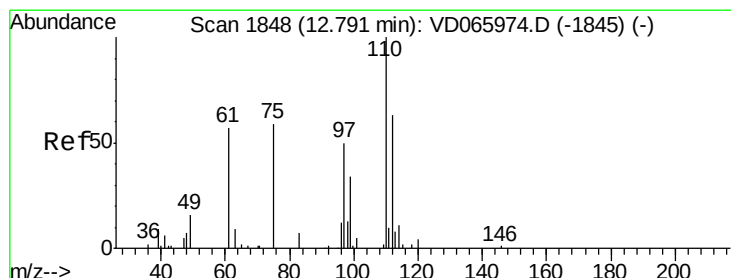
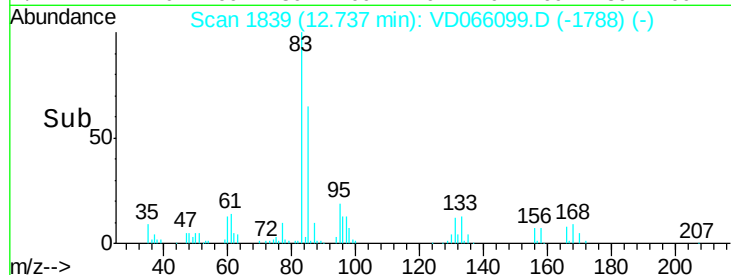
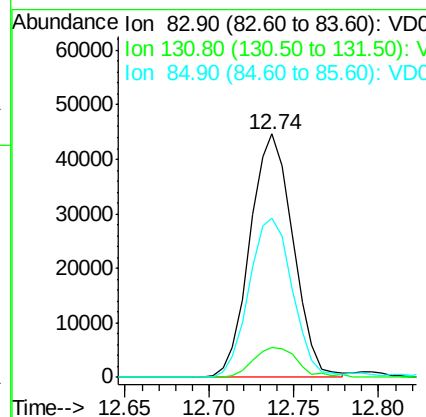
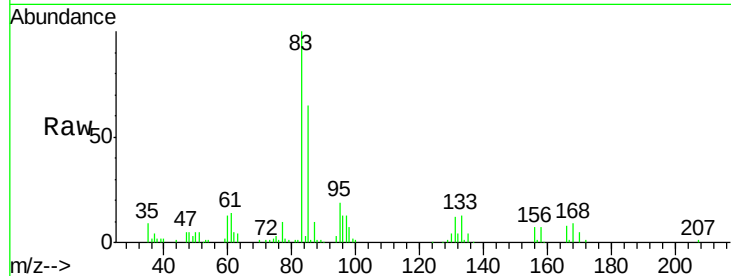
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	79345
Ion Ratio	Lower	Upper	
83	100		
131	13.2	5.7	17.1
85	65.6	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.834 ug/l m

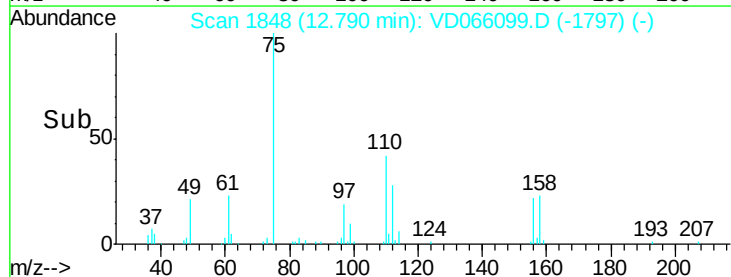
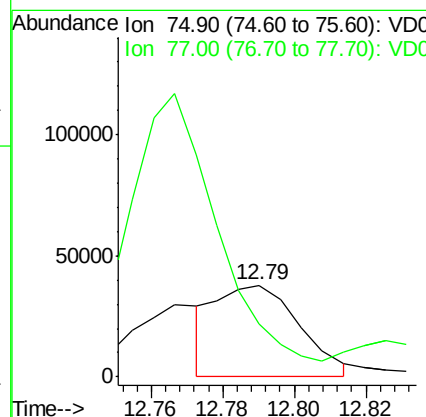
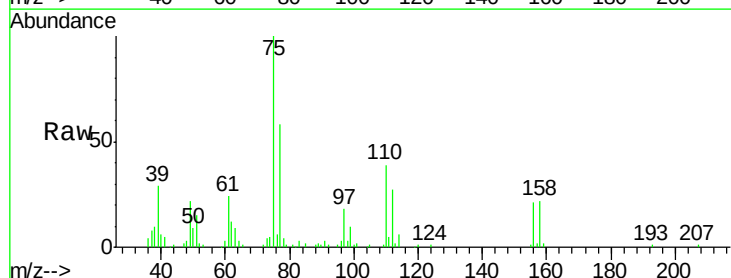
RT: 12.79 min Scan# 1848

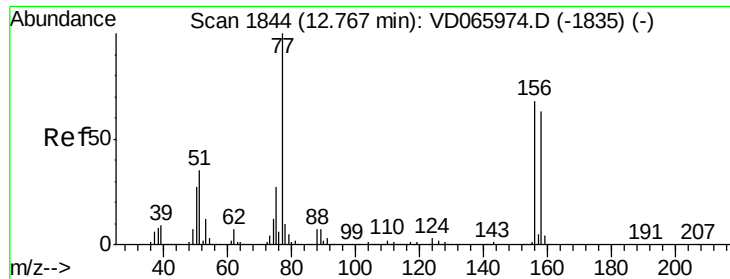
Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	75	Resp:	61256
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.628 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

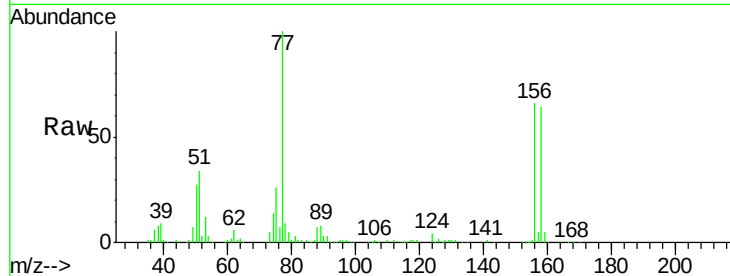
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	133157
Ion Ratio	Lower	Upper	
156	100		
77	158.4	83.0	249.0
158	97.4	48.2	144.6

Manual Integrations
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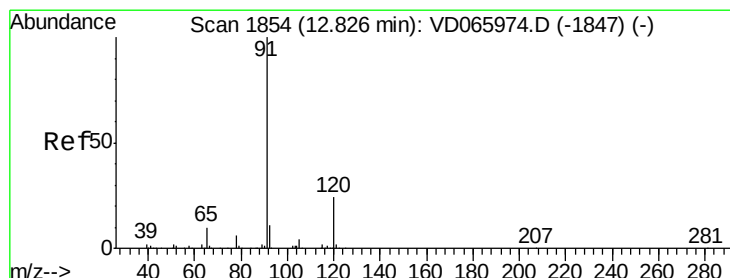
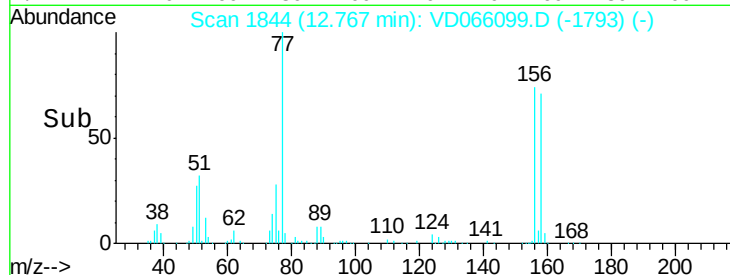
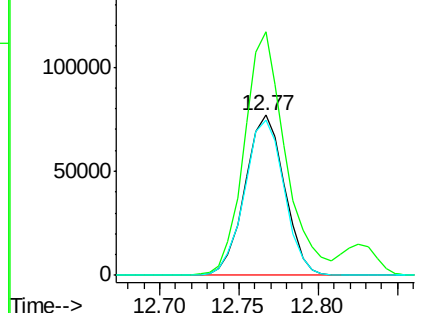
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.786 ug/l

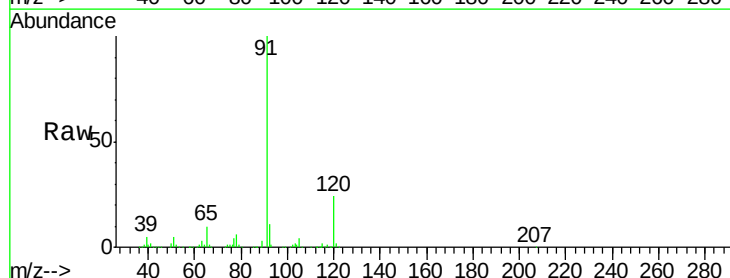
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066099.D

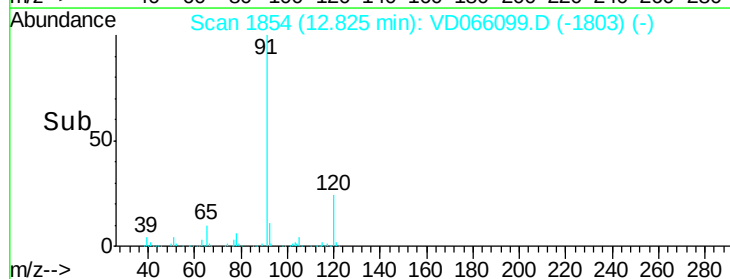
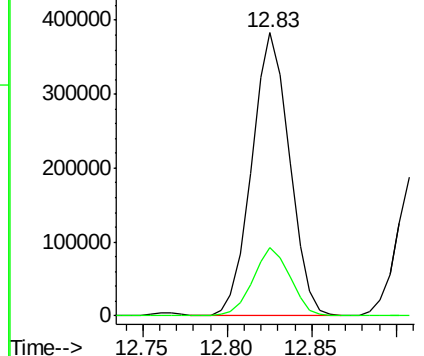
Acq: 29 Jul 2020 19:44

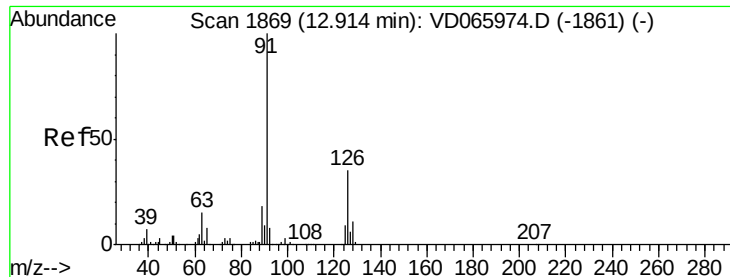
Tgt Ion:	91	Resp:	594554
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





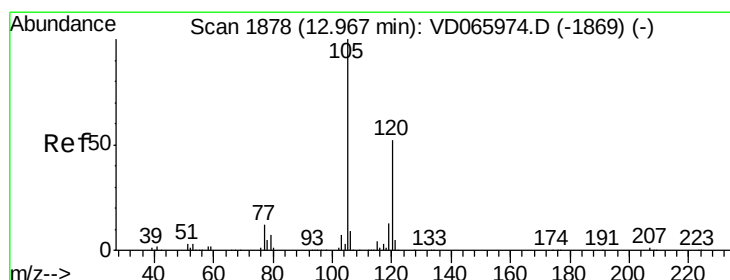
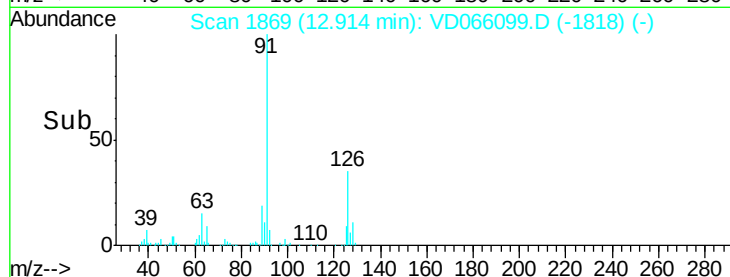
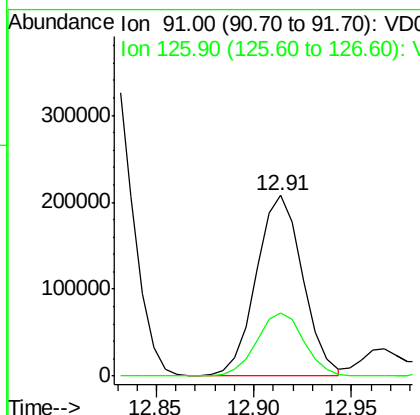
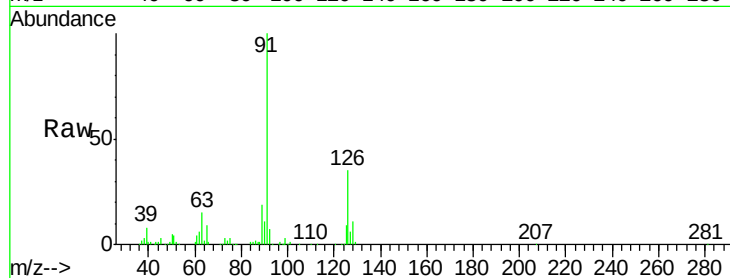
#79
 2-Chlorotoluene
 Concen: 50.129 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 342015
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1

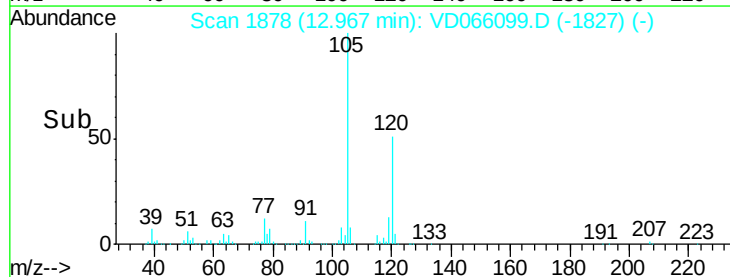
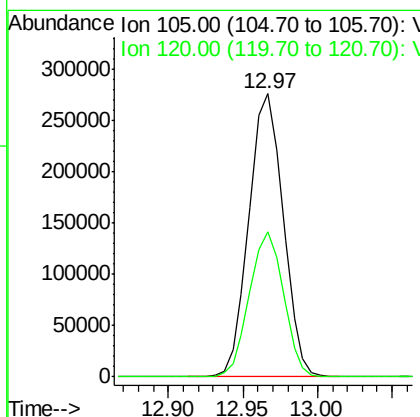
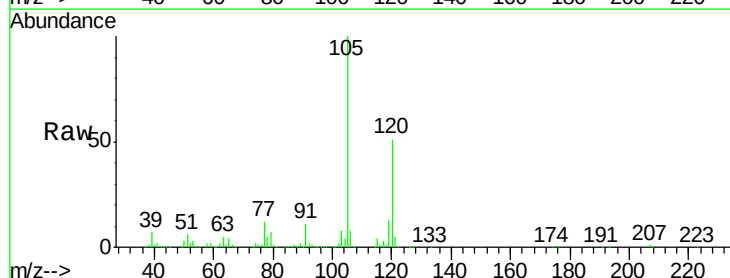
Manual Integrations
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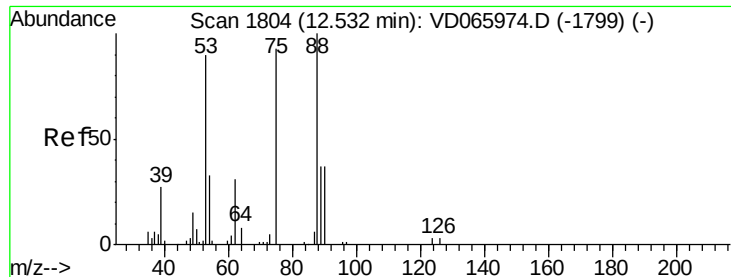
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.158 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion: 105 Resp: 441008
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.943 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

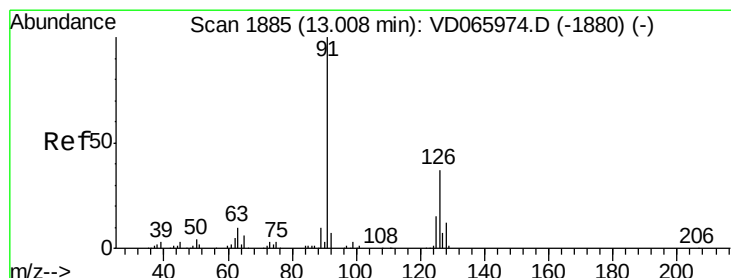
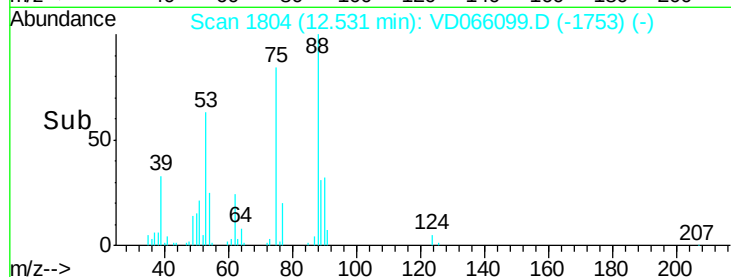
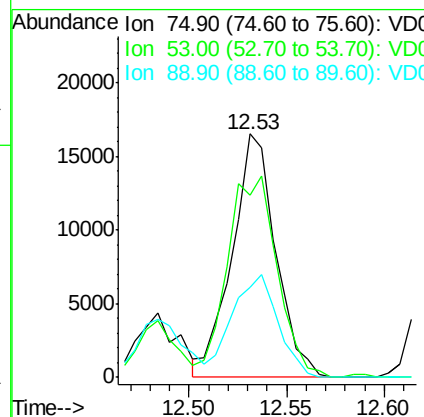
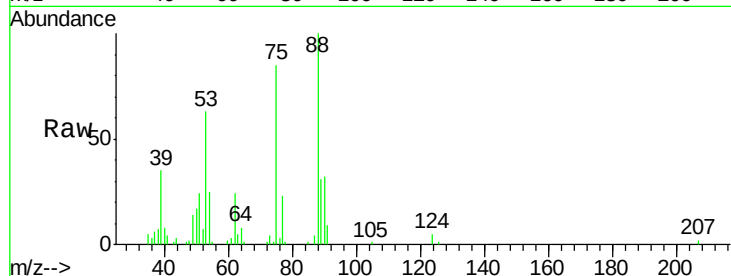
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	25640
Ion	Ratio	Lower	Upper
75	100		
53	94.0	76.8	115.2
89	44.5	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.962 ug/l

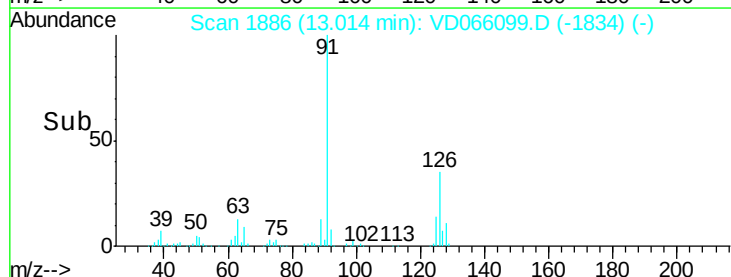
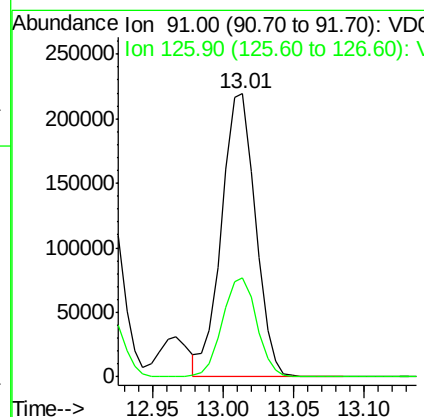
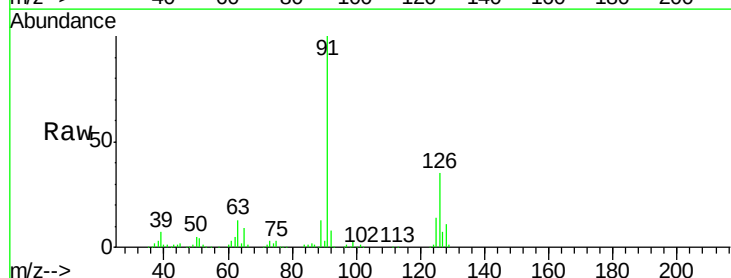
RT: 13.01 min Scan# 1886

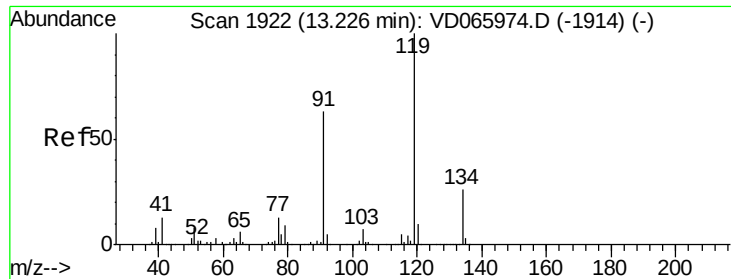
Delta R.T. 0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	91	Resp:	367000
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.8	53.5





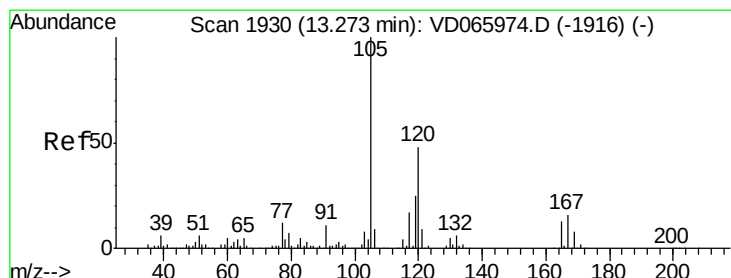
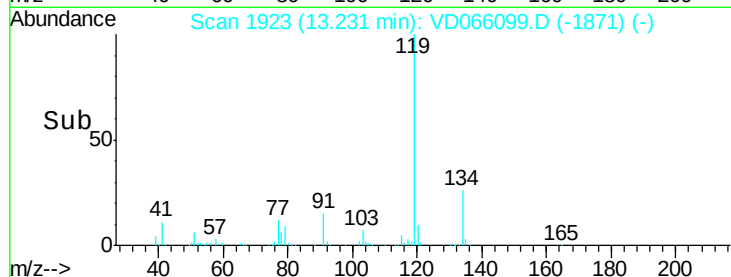
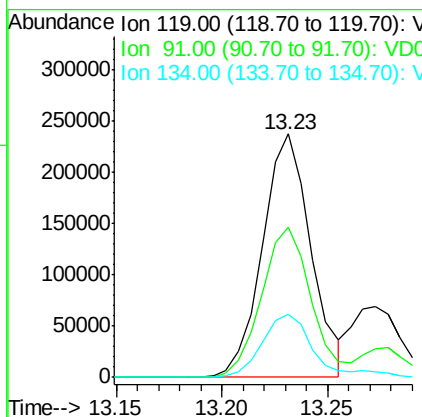
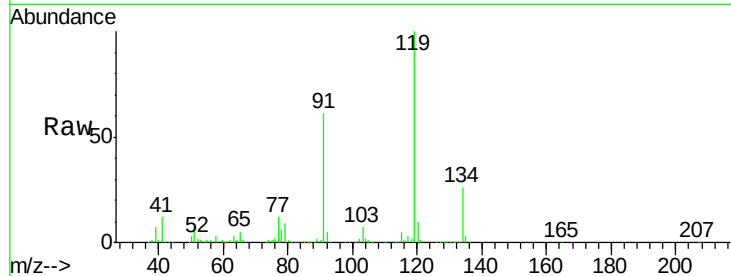
#83
 tert-Butylbenzene
 Concen: 51.216 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	30.6	91.6
134	27.7	13.9	41.7

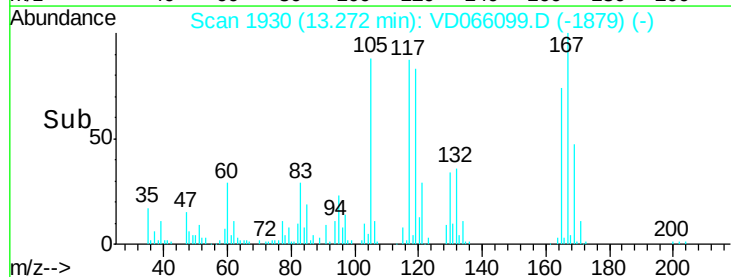
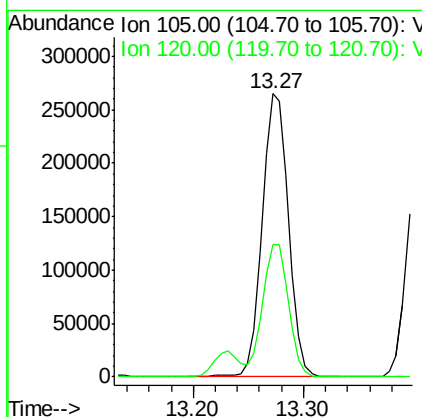
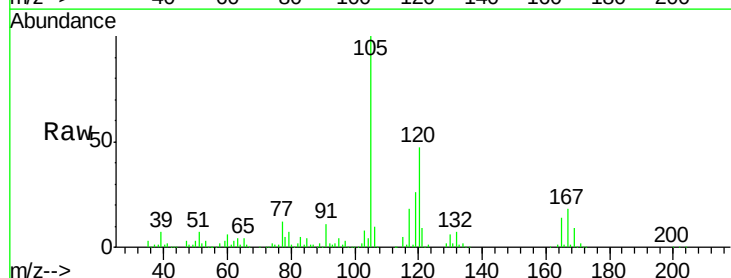
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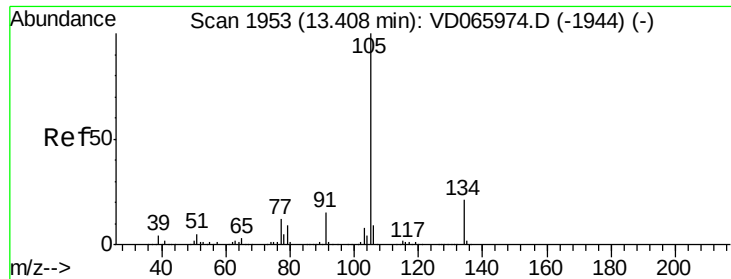
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.921 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.9	71.8





#85

sec-Butylbenzene

Concen: 49.187 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 501271

Ion Ratio Lower Upper

105 100

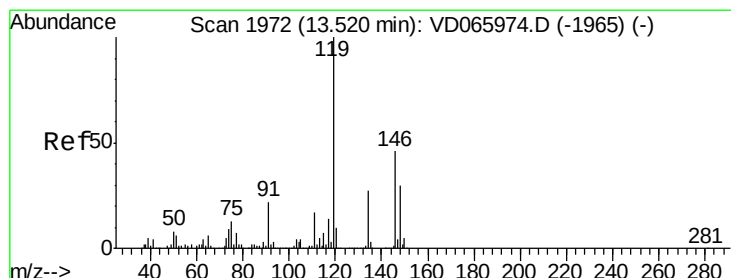
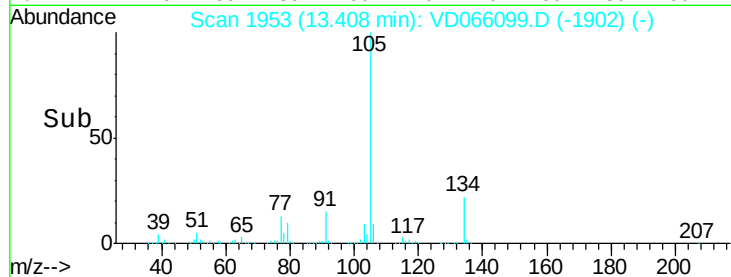
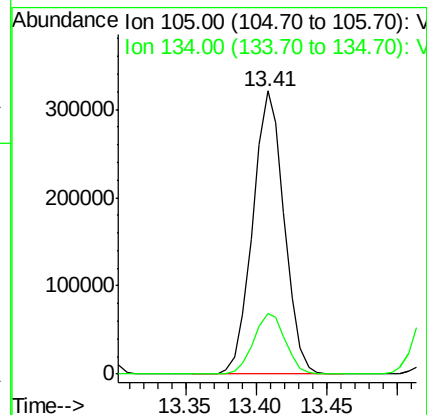
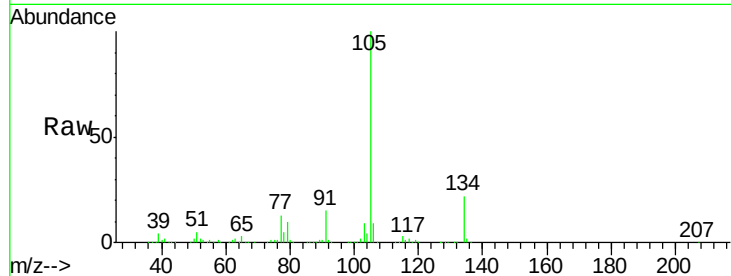
134 21.7 10.4 31.4

Manual Integrations

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7/30/2020 6:19:45 PM



#86

p-Isopropyltoluene

Concen: 52.638 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

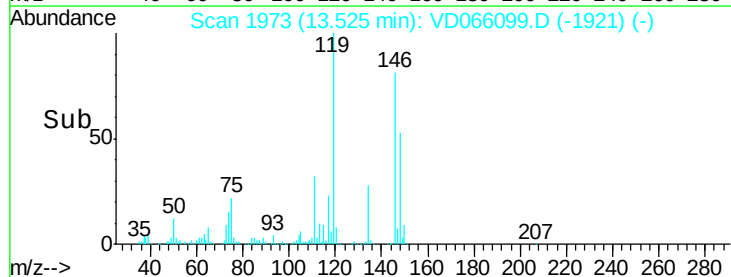
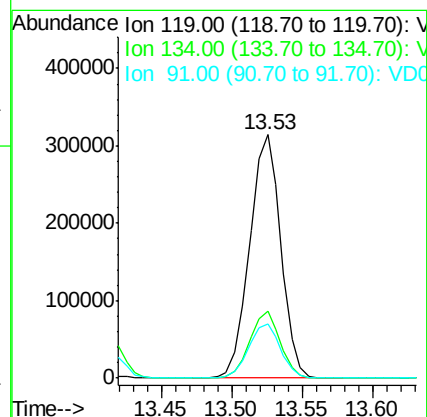
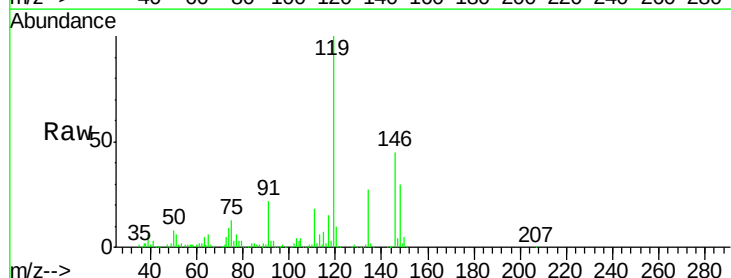
Tgt Ion:119 Resp: 487358

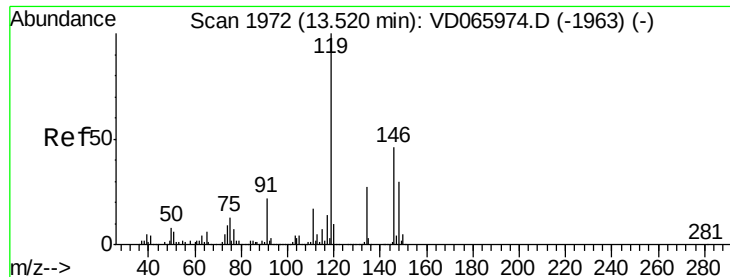
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 51.016 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

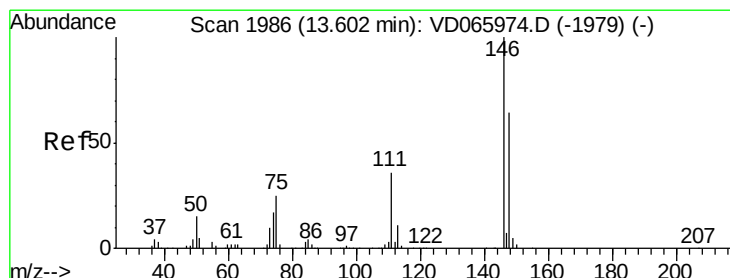
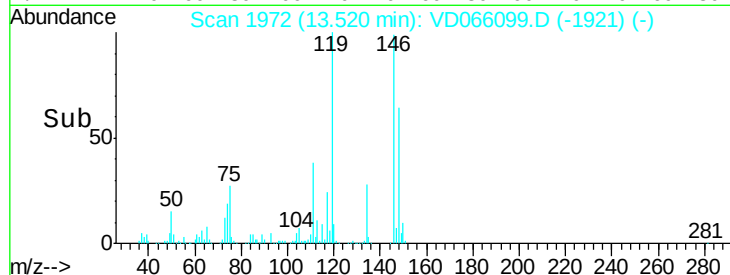
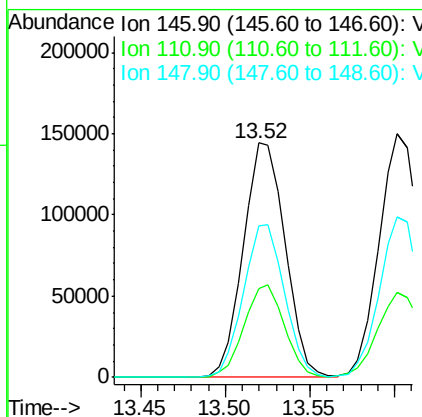
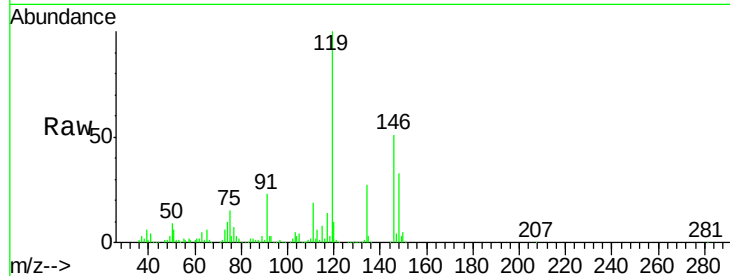
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	249117
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.6	55.6
148	63.8	32.4	97.0

Manual Integrations
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7/30/2020 6:19:45 PM



#88

1,4-Dichlorobenzene

Concen: 50.959 ug/l

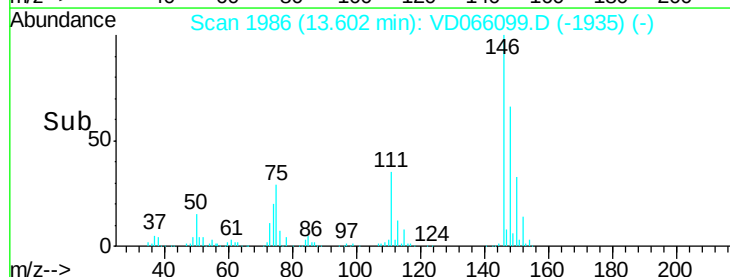
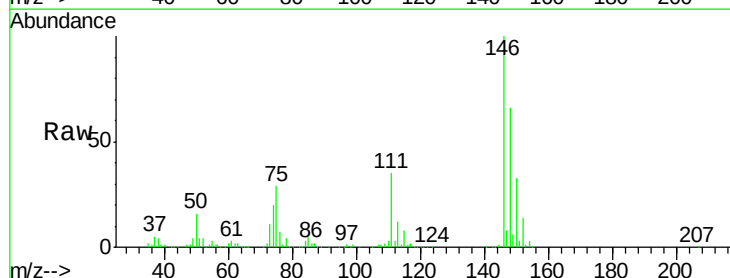
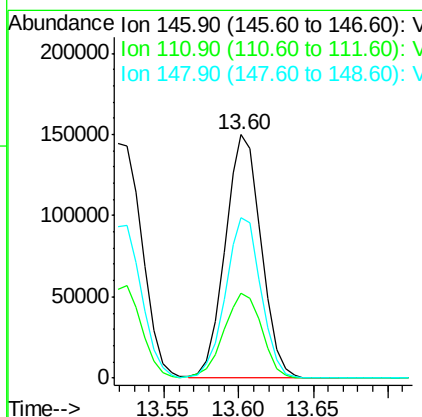
RT: 13.60 min Scan# 1986

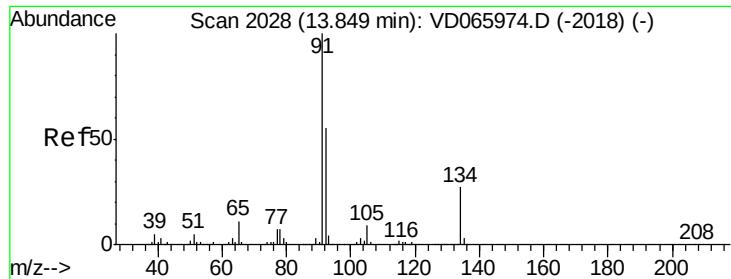
Delta R.T. -0.00 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	146	Resp:	251558
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.8	56.4
148	65.2	32.2	96.6





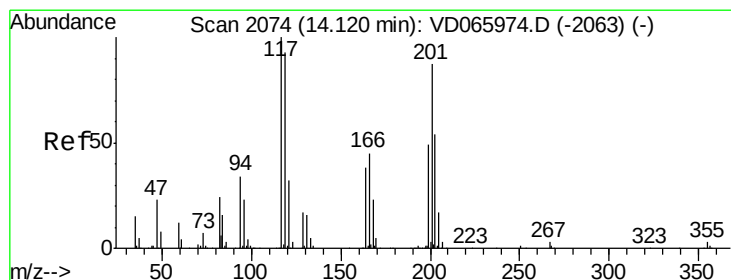
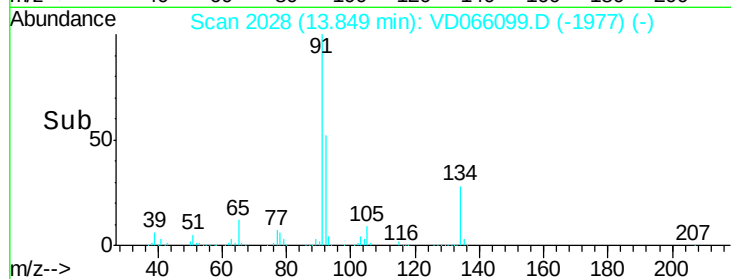
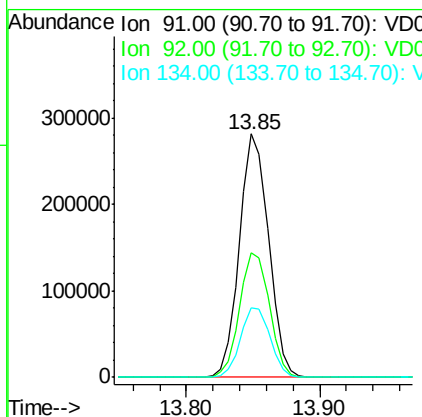
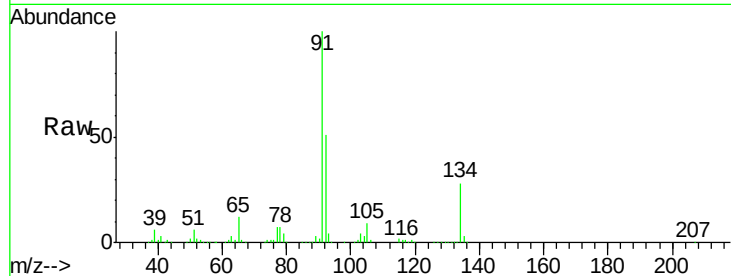
#89
n-Butylbenzene
Concen: 49.387 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.2	81.6
134	29.1	13.8	41.4

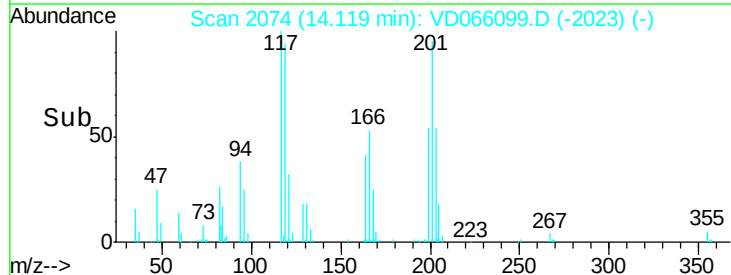
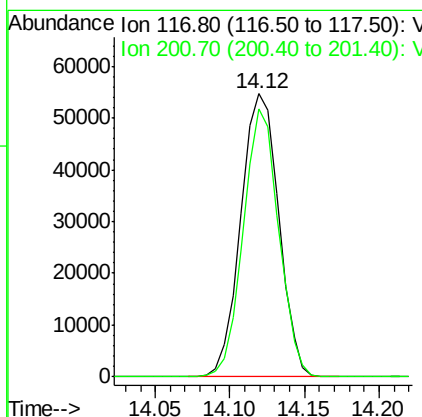
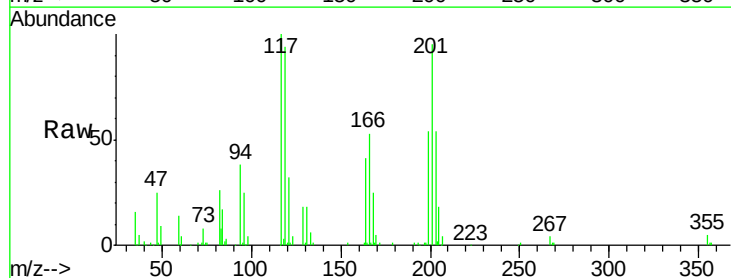
Manual Integrations
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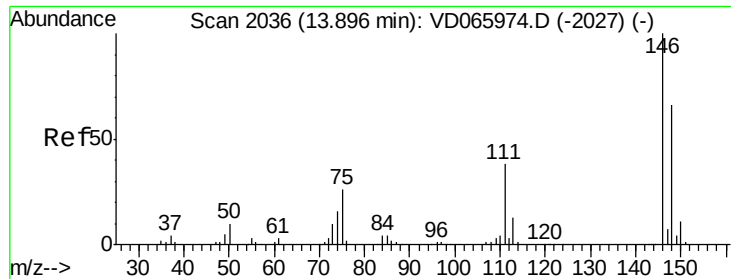
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7/30/2020 6:19:45 PM



#90
Hexachloroethane
Concen: 50.243 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066099.D
Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	42.0	126.1





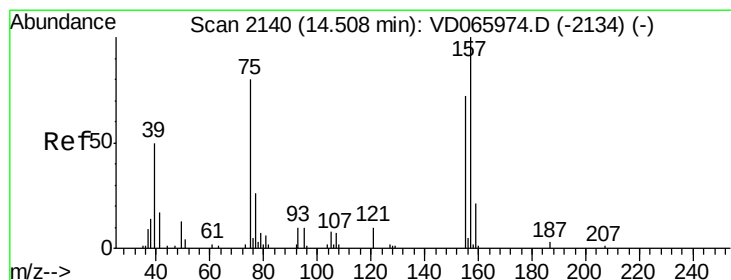
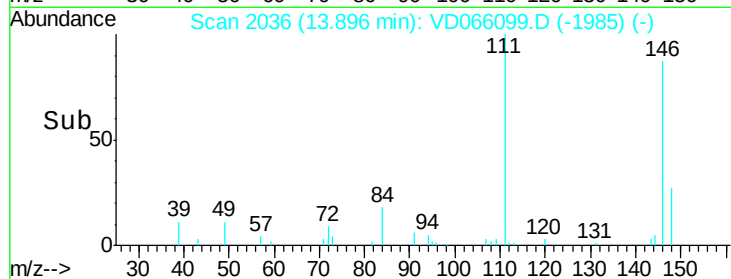
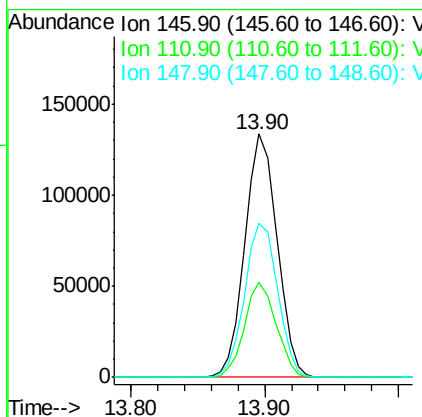
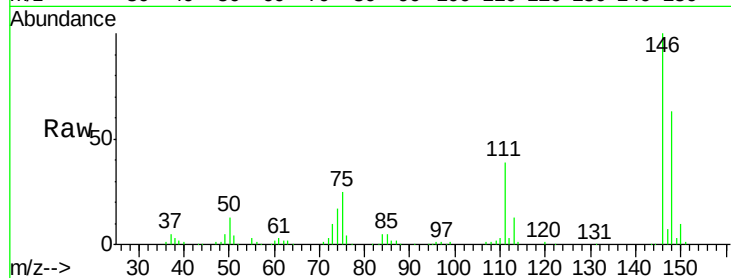
#91
 1,2-Dichlorobenzene
 Concen: 52.829 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.9
148	64.6	32.7	98.1

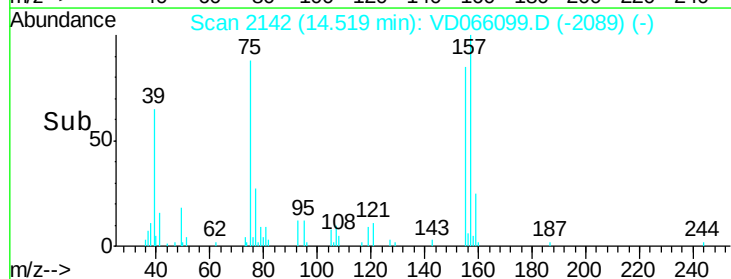
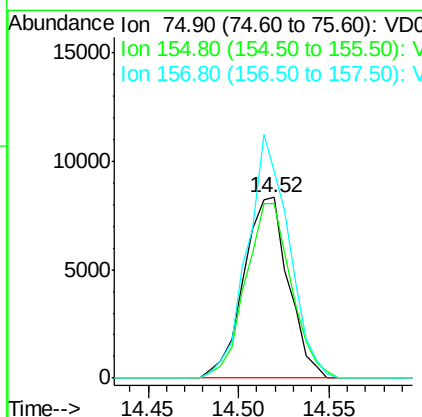
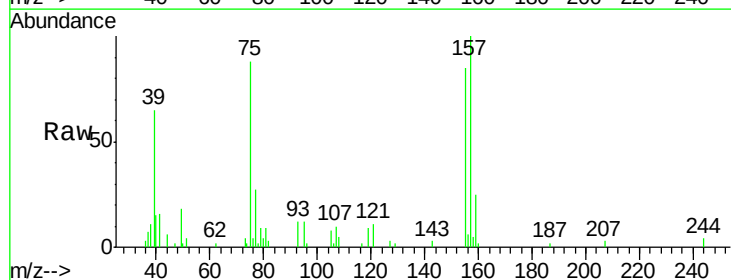
Manual Integrations
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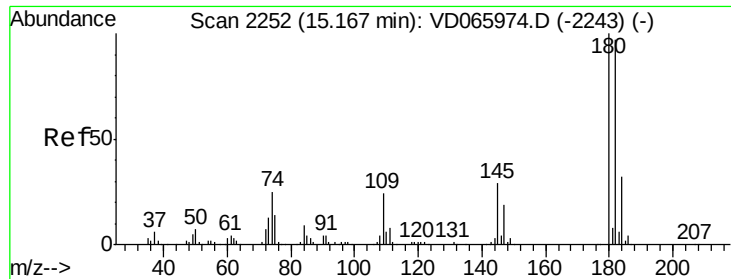
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.298 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	48.5	145.5
157	124.7	64.7	194.1





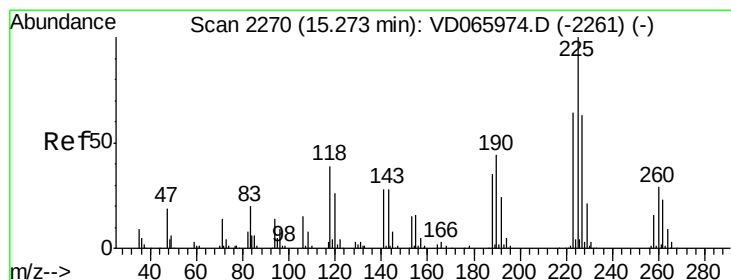
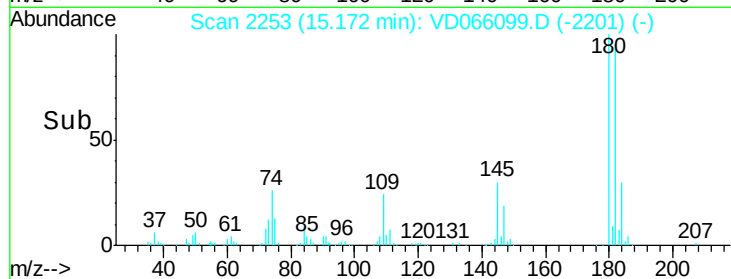
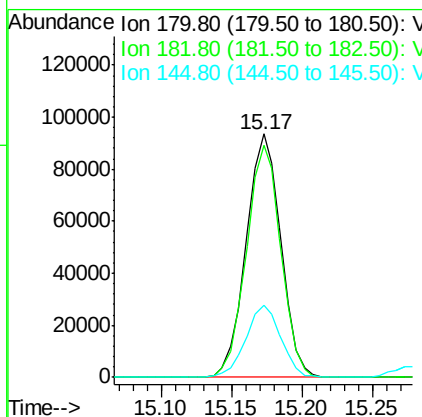
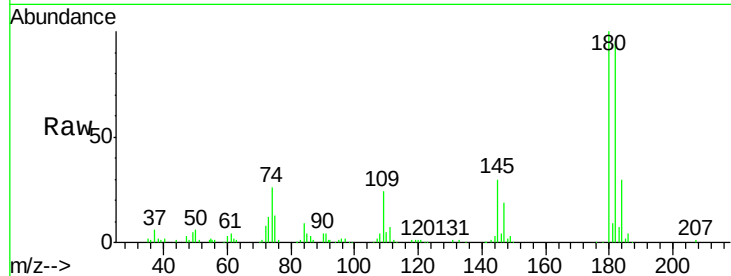
#93
 1,2,4-Trichlorobenzene
 Concen: 53.082 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161226		
182	94.8	48.1	144.3	
145	29.9	14.7	44.1	

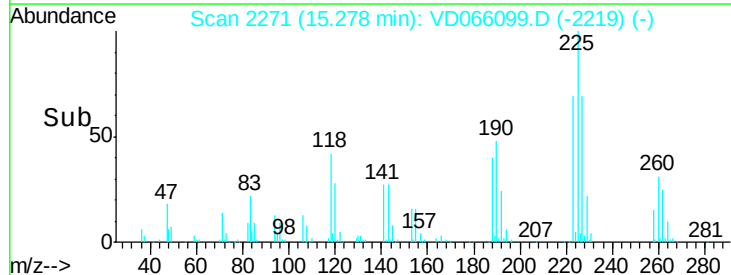
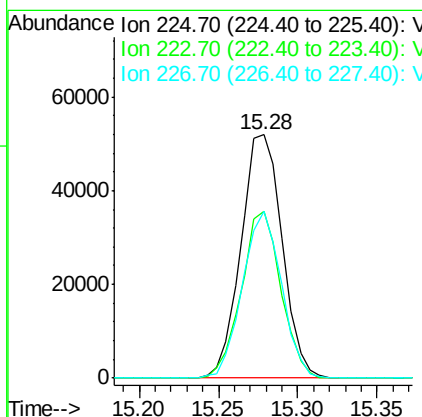
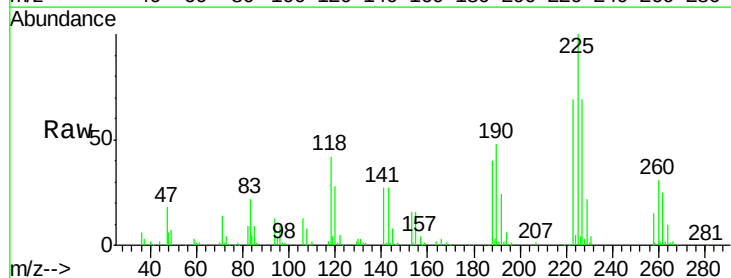
Manual Integrations
 APPROVED

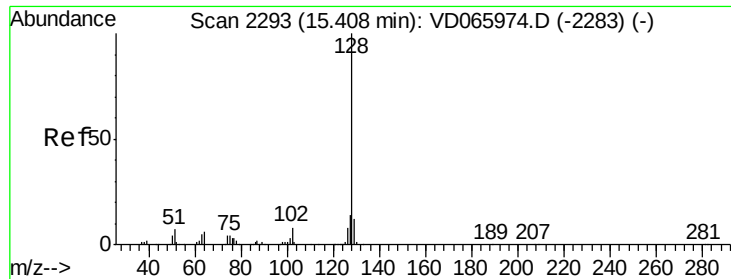
MMDadoda
 7/30/2020 6:19:45 PM



#94
 Hexachlorobutadiene
 Concen: 50.019 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066099.D
 Acq: 29 Jul 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93923		
223	65.8	31.2	93.6	
227	64.8	31.6	94.8	





#95

Naphthalene

Concen: 49.622 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Instrument :

MSVOA_D

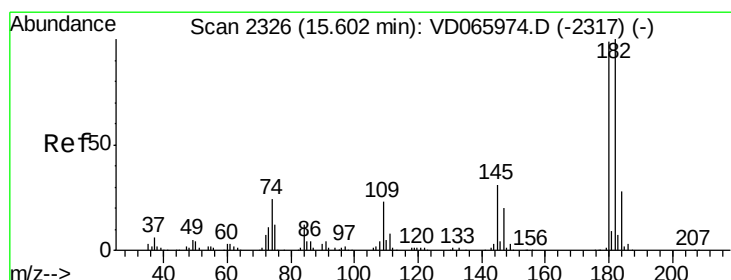
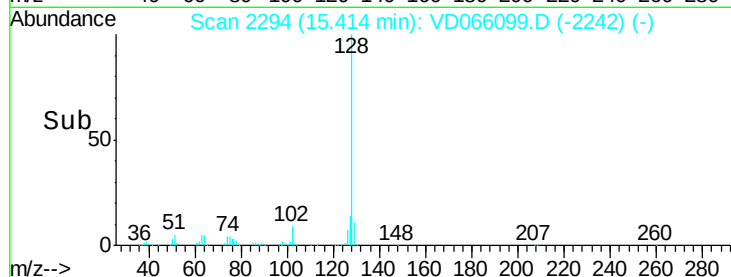
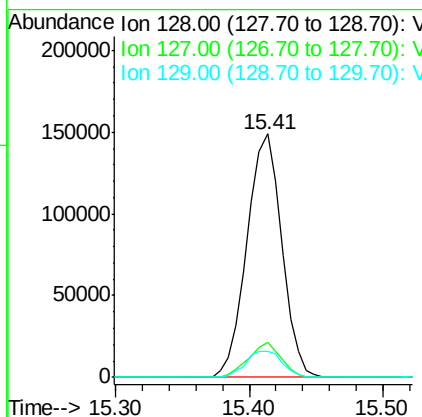
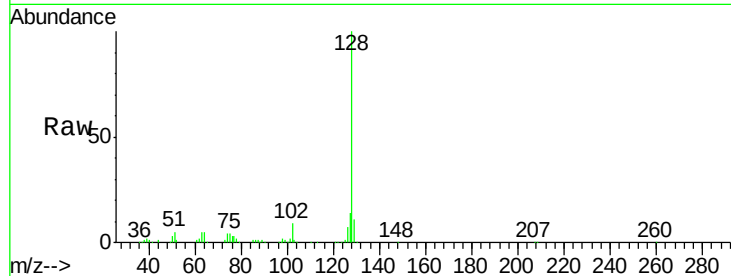
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	267865
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	11.3	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2020 6:19:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.960 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD066099.D

Acq: 29 Jul 2020 19:44

Tgt Ion:	180	Resp:	139838
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.9	143.6
145	32.1	15.4	46.2

