

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066074.D
 Acq On : 28 Jul 2020 12:22
 Operator : VA/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:05:55 PM

Quant Time: Jul 29 01:47:06 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	261000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	364556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	346221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110781	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.91	113	116796	52.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	10.34	98	434570	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.64	95	154974	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	42507	21.460	ug/l	96
3) Chloromethane	2.21	50	33815	20.920	ug/l	99
4) Vinyl Chloride	2.35	62	30993	20.135	ug/l	98
5) Bromomethane	2.76	94	22462	17.487	ug/l	99
6) Chloroethane	2.92	64	19367	21.077	ug/l	96
7) Trichlorofluoromethane	3.27	101	82404	22.009	ug/l	96
8) Diethyl Ether	3.71	74	19026	18.384	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	46214	20.442	ug/l	93
10) Methyl Iodide	4.30	142	48201	26.199	ug/l	97
11) Tert butyl alcohol	5.21	59	19549m	133.692	ug/l	
12) 1,1-Dichloroethene	4.06	96	43666	20.235	ug/l	93
13) Acrolein	3.93	56	13154	73.515	ug/l	100
14) Allyl chloride	4.71	41	61330	18.181	ug/l	89
15) Acrylonitrile	5.41	53	39991	90.450	ug/l	98
16) Acetone	4.15	43	37693	87.684	ug/l	89
17) Carbon Disulfide	4.40	76	133049	19.007	ug/l	99
18) Methyl Acetate	4.71	43	17518	17.518	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	89877	20.271	ug/l	98
20) Methylene Chloride	4.97	84	58119	22.841	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	48767	19.995	ug/l	97
22) Diisopropyl ether	6.36	45	123705	19.303	ug/l	99
23) Vinyl Acetate	6.30	43	336311	93.050	ug/l	97
24) 1,1-Dichloroethane	6.26	63	79726	20.532	ug/l	96
25) 2-Butanone	7.21	43	49107	86.091	ug/l #	87
26) 2,2-Dichloropropane	7.21	77	77748	22.265	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	52575	20.360	ug/l	96
28) Bromochloromethane	7.54	49	31897	19.354	ug/l	92
29) Tetrahydrofuran	7.56	42	31396	89.208	ug/l	96
30) Chloroform	7.71	83	86150	21.210	ug/l	98
31) Cyclohexane	7.98	56	73864	19.335	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	80834	21.514	ug/l	99
36) 1,1-Dichloropropene	8.11	75	69328	22.283	ug/l	98
37) Ethyl Acetate	7.28	43	24088	20.272	ug/l #	92
38) Carbon Tetrachloride	8.10	117	79236	23.471	ug/l	98

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Manual Integrations
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Quant Time: Jul 29 01:47:06 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)
39) Methylcyclohexane	9.36	83	80968	21.489	ug/l	98
40) Benzene	8.35	78	184334	21.177	ug/l	92
41) Methacrylonitrile	7.53	41	13156	19.328	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	53777	22.546	ug/l	97
43) Isopropyl Acetate	8.45	43	44981	19.382	ug/l	97
44) Trichloroethene	9.11	130	57094	21.675	ug/l	88
45) 1,2-Dichloropropane	9.39	63	43717	20.737	ug/l	98
46) Dibromomethane	9.47	93	22791	20.082	ug/l	93
47) Bromodichloromethane	9.66	83	65092	21.692	ug/l	92
48) Methyl methacrylate	9.46	41	24039	20.535	ug/l	96
49) 1,4-Dioxane	9.47	88	5424	412.531	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	110257	94.292	ug/l	97
52) Toluene	10.41	92	124812	21.988	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	62301	22.285	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	73629	21.727	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	34259	21.285	ug/l	89
56) Ethyl methacrylate	10.66	69	38172	20.398	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	57012	21.397	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	102854	115.057	ug/l	98
59) 2-Hexanone	10.99	43	77635	95.807	ug/l	95
60) Dibromochloromethane	11.14	129	48301	22.257	ug/l	99
61) 1,2-Dibromoethane	11.25	107	31846	20.521	ug/l	92
64) Tetrachloroethene	10.88	164	53843	22.913	ug/l	97
65) Chlorobenzene	11.67	112	139140	21.949	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	51559	22.027	ug/l	97
67) Ethyl Benzene	11.75	91	241307	22.120	ug/l	99
68) m/p-Xylenes	11.86	106	187502	44.718	ug/l	97
69) o-Xylene	12.18	106	84987	22.285	ug/l	96
70) Styrene	12.20	104	149289	22.783	ug/l	100
71) Bromoform	12.37	173	29813	21.744	ug/l #	100
73) Isopropylbenzene	12.48	105	241593	20.814	ug/l	100
74) N-amyl acetate	12.30	43	42899	17.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	35729	18.626	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	27395m	18.967	ug/l	
77) Bromobenzene	12.77	156	61630	20.776	ug/l	94
78) n-propylbenzene	12.83	91	287844	21.370	ug/l	99
79) 2-Chlorotoluene	12.91	91	157970	20.529	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	205266	21.525	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11760	18.683	ug/l	95
82) 4-Chlorotoluene	13.01	91	173172	21.321	ug/l	99
83) tert-Butylbenzene	13.23	119	174856	20.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	198988	21.150	ug/l	100
85) sec-Butylbenzene	13.41	105	248666	21.634	ug/l	100
86) p-Isopropyltoluene	13.53	119	228053	21.839	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	116638	21.178	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	117243	21.058	ug/l	98
89) n-Butylbenzene	13.85	91	206630	21.281	ug/l	97
90) Hexachloroethane	14.12	117	44079	20.391	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	102230	21.421	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6133	19.508	ug/l	95

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ClientSampleId :
VD0728SBS01

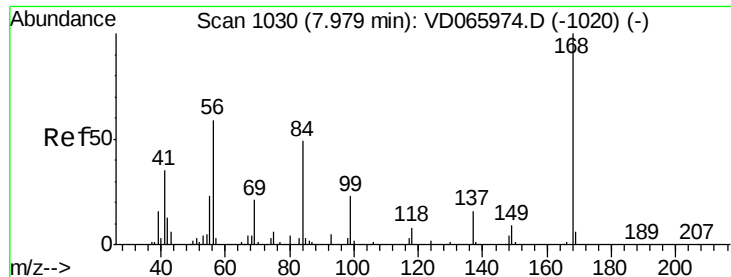
Manual Integrations
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7/29/2020 7:05:55 PM

Quant Time: Jul 29 01:47:06 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	72401	21.135	ug/l	99
94) Hexachlorobutadiene	15.28	225	47116	22.247	ug/l	98
95) Naphthalene	15.41	128	107623	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	62164	20.874	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion:168 Resp: 261000

Ion Ratio Lower Upper

168 100

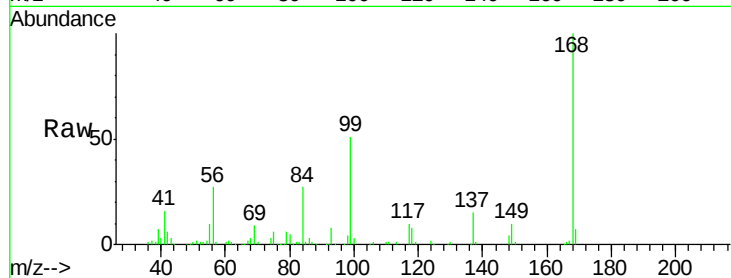
99 51.1 40.8 61.2

Manual Integrations

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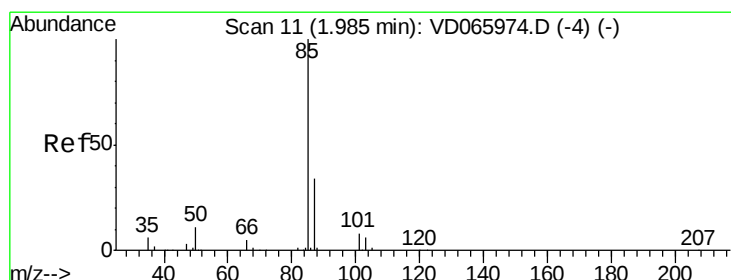
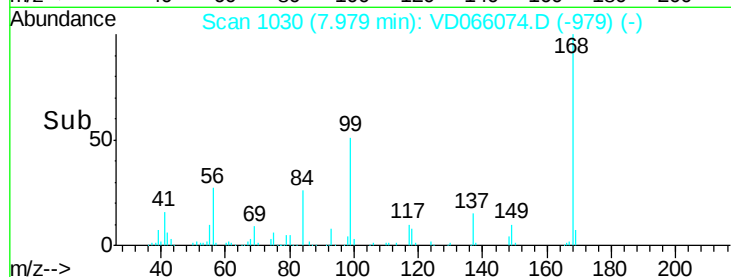
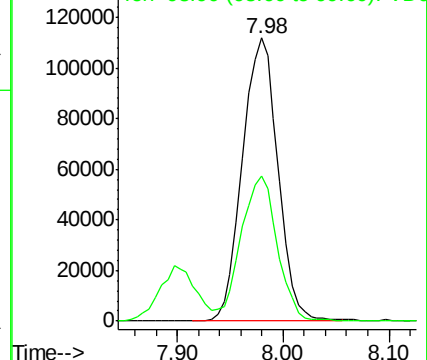
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.460 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066074.D

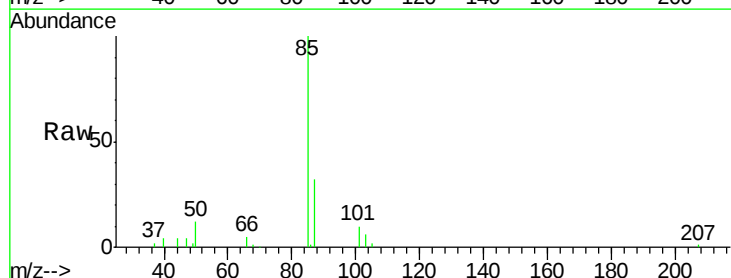
Acq: 28 Jul 2020 12:22

Tgt Ion: 85 Resp: 42507

Ion Ratio Lower Upper

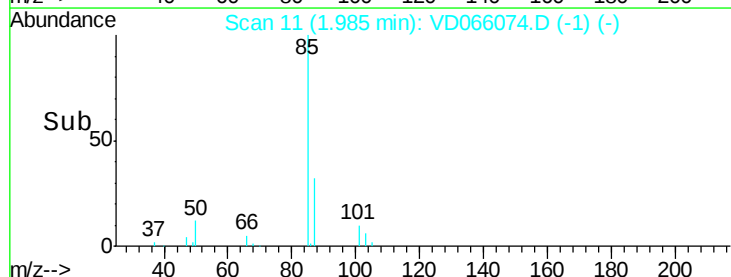
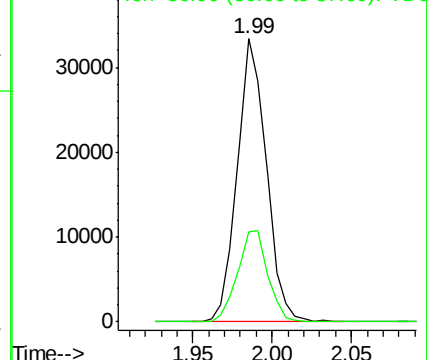
85 100

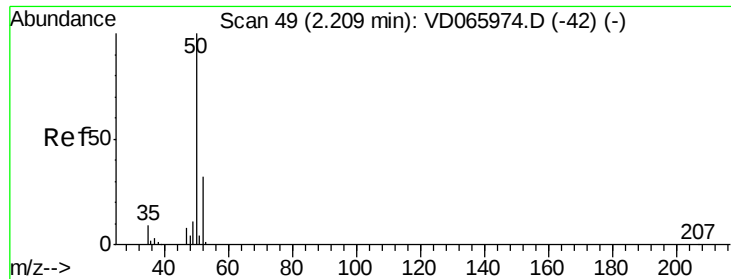
87 32.0 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.920 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 50 Resp: 33815

Ion Ratio Lower Upper

50 100

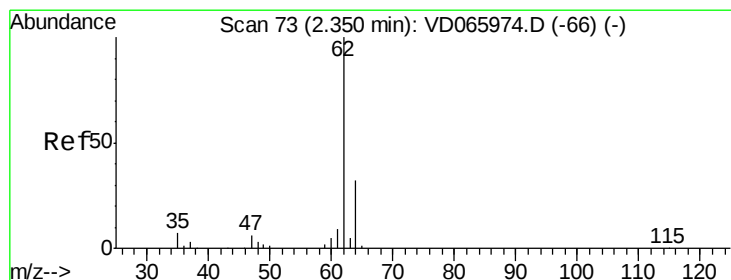
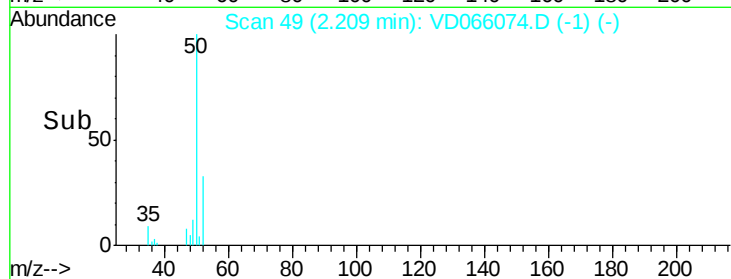
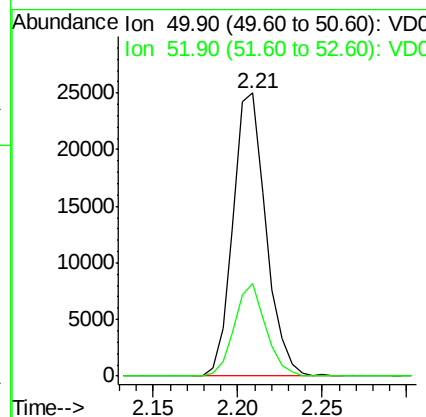
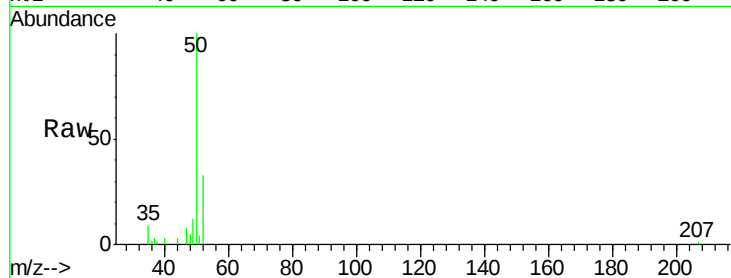
52 32.8 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.135 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066074.D

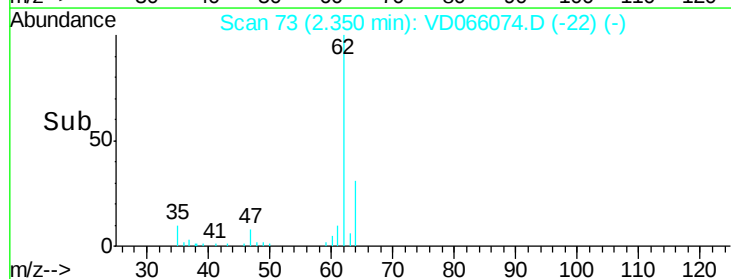
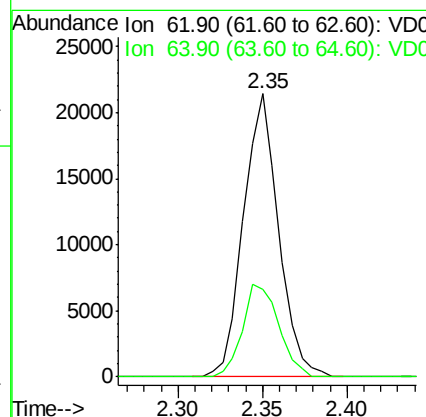
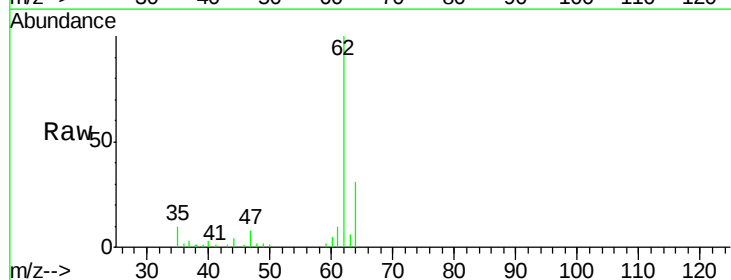
Acq: 28 Jul 2020 12:22

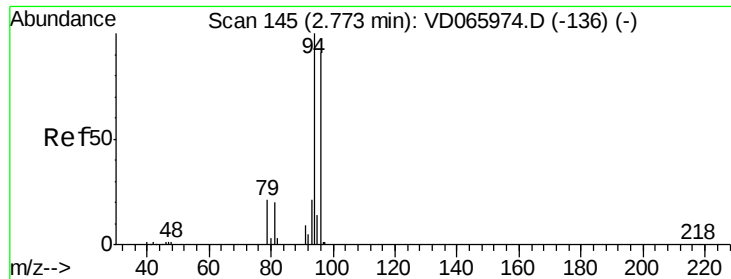
Tgt Ion: 62 Resp: 30993

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8





#5

Bromomethane

Concen: 17.487 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 94 Resp: 22462

Ion Ratio Lower Upper

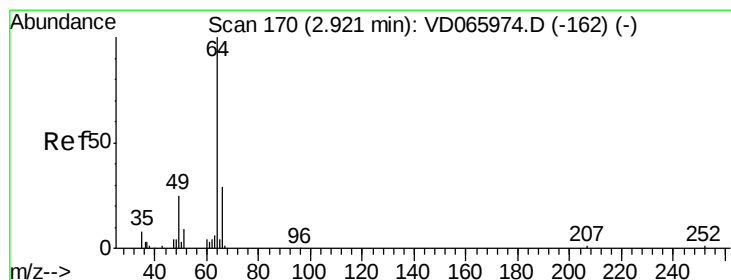
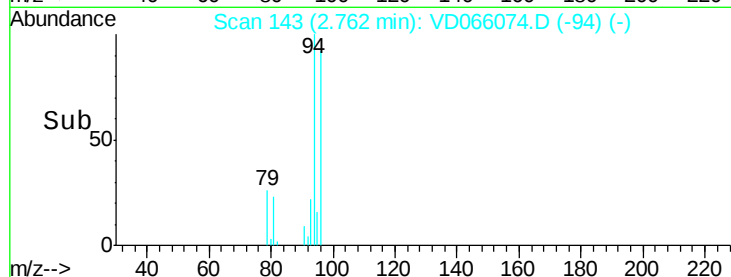
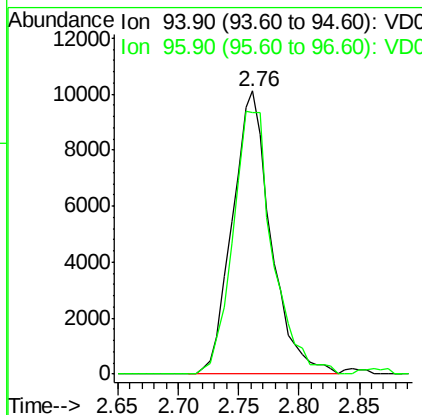
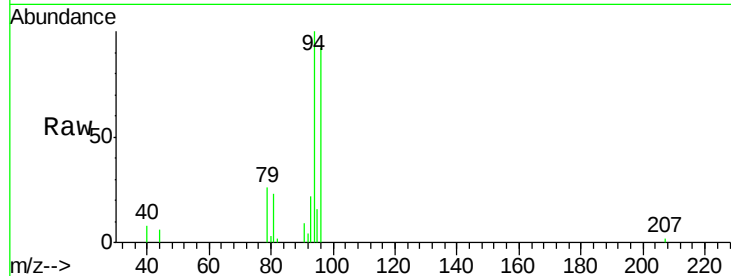
94 100

96 92.4 73.0 109.4

Manual Integrations
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#6

Chloroethane

Concen: 21.077 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066074.D

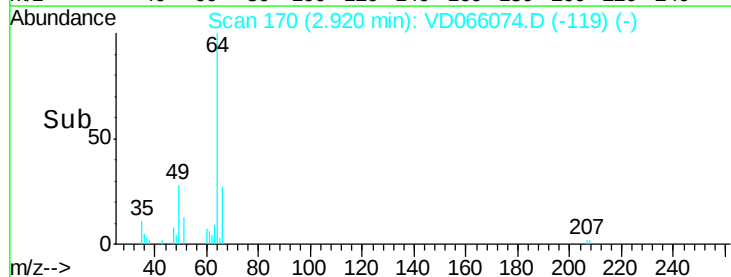
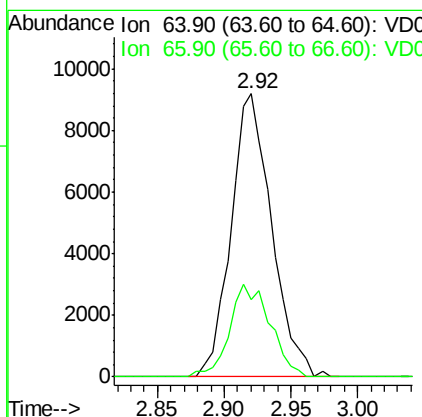
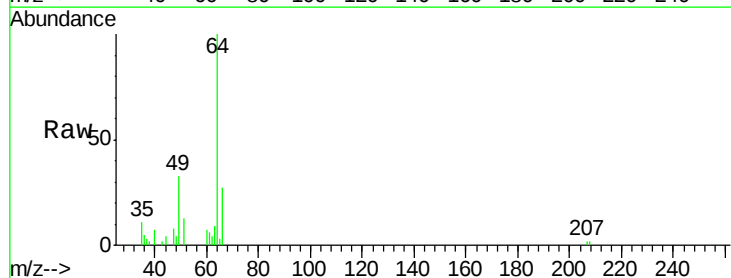
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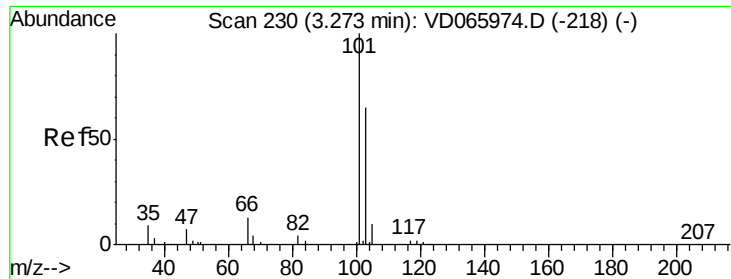
Tgt Ion: 64 Resp: 19367

Ion Ratio Lower Upper

64 100

66 27.2 23.4 35.0





#7

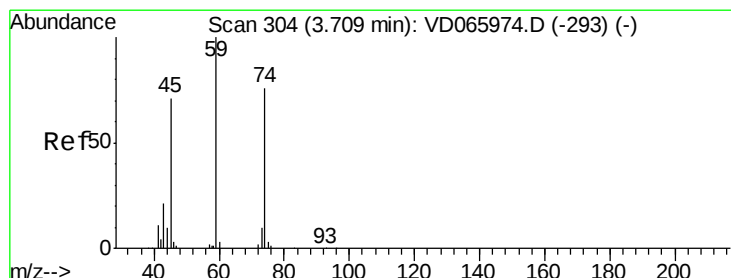
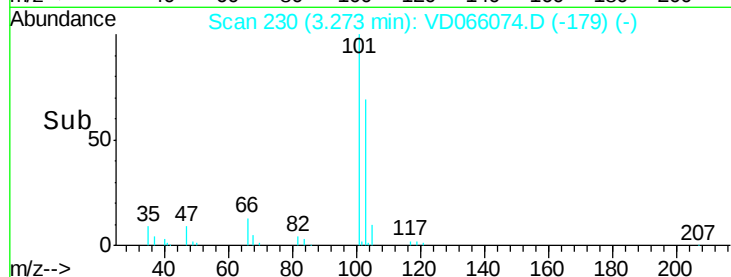
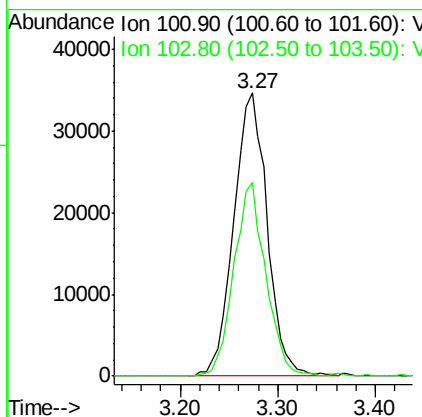
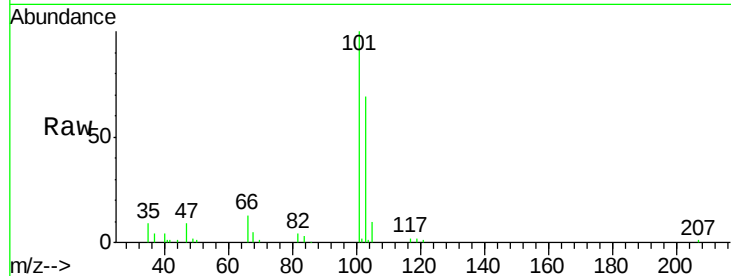
Trichlorofluoromethane
Concen: 22.009 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.6	52.1	78.1

Manual Integrations
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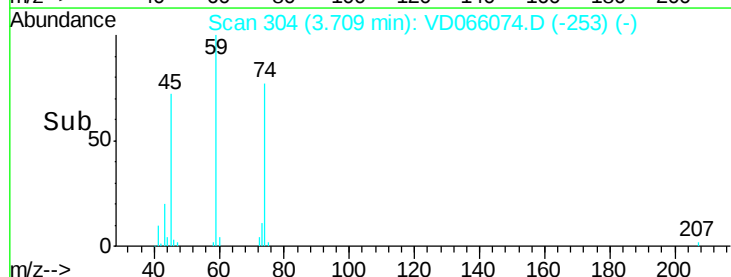
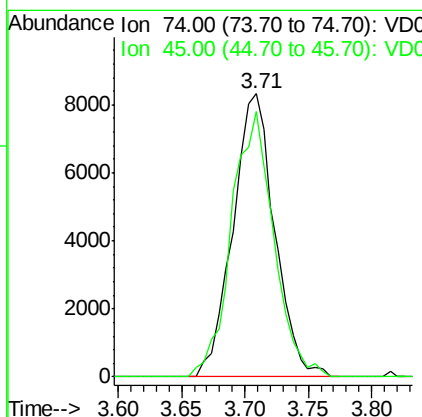
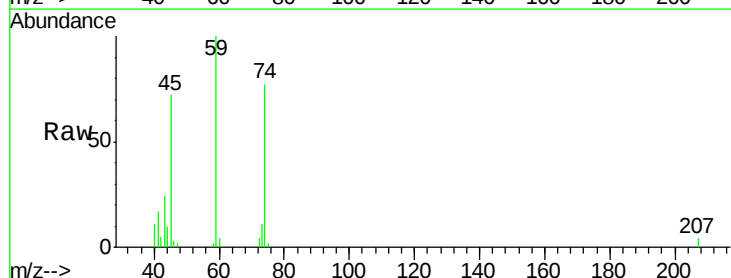
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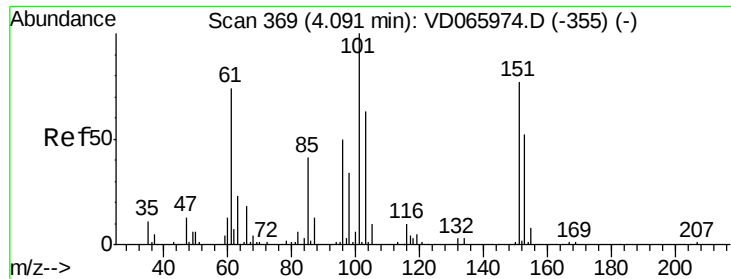


#8

Diethyl Ether
Concen: 18.384 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.442 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

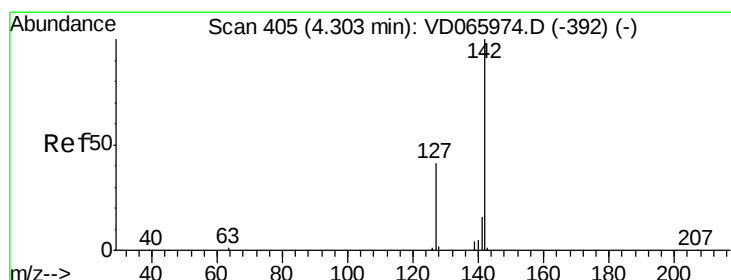
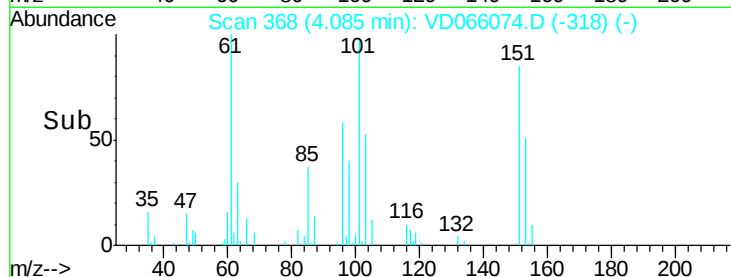
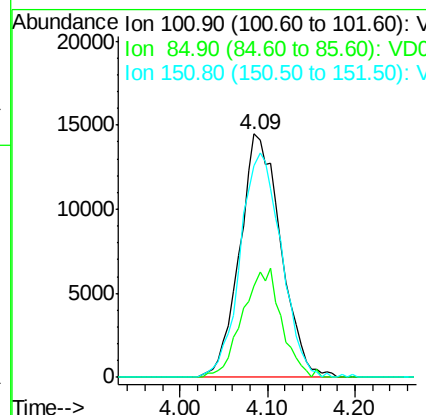
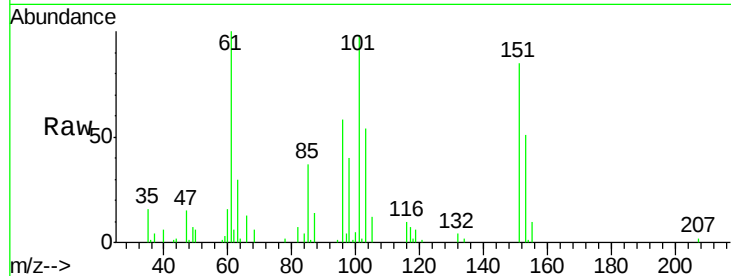
ClientSampleId :

VD0728SBS01

Tgt Ion:	101	Resp:	46214
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.6	50.4
151	92.3	66.6	99.8

Manual Integrations
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#10

Methyl Iodide

Concen: 26.199 ug/l

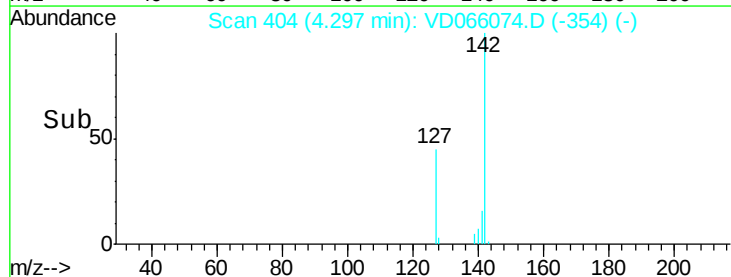
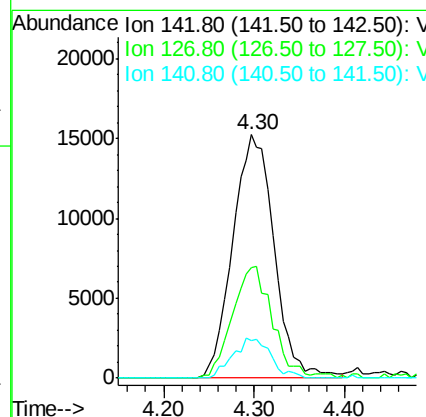
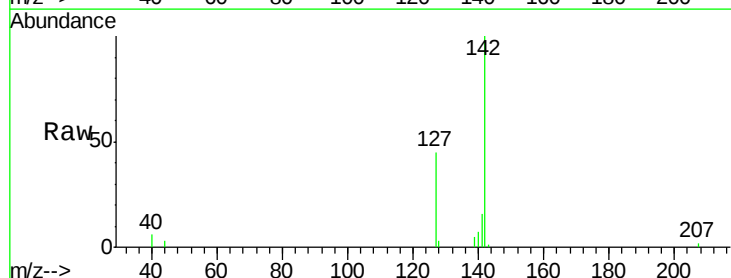
RT: 4.30 min Scan# 404

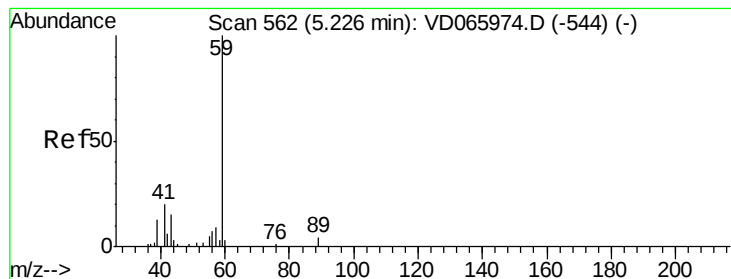
Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	142	Resp:	48201
Ion Ratio	Lower	Upper	
142	100		
127	43.8	32.9	49.3
141	14.9	11.8	17.6





#11

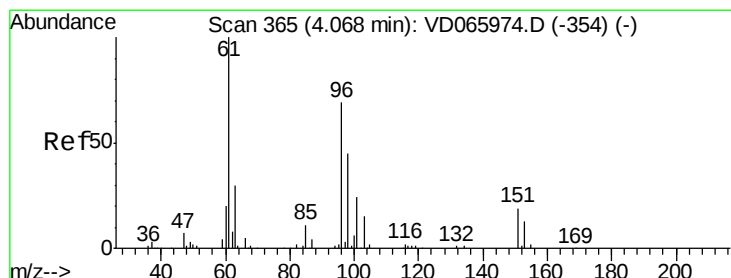
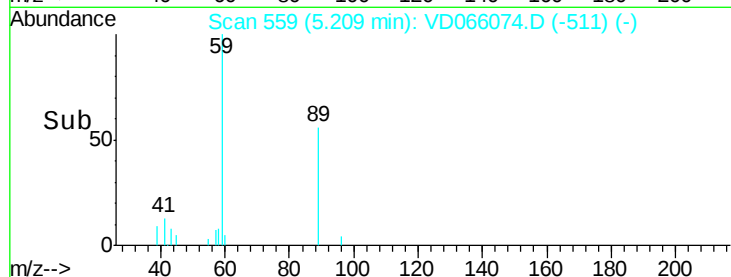
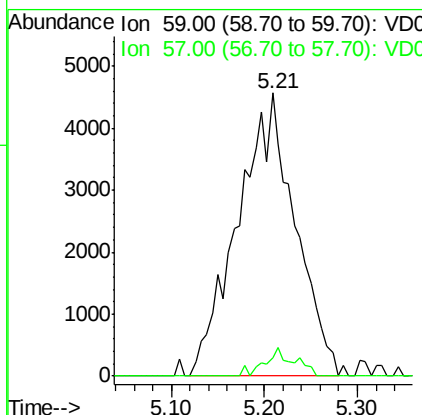
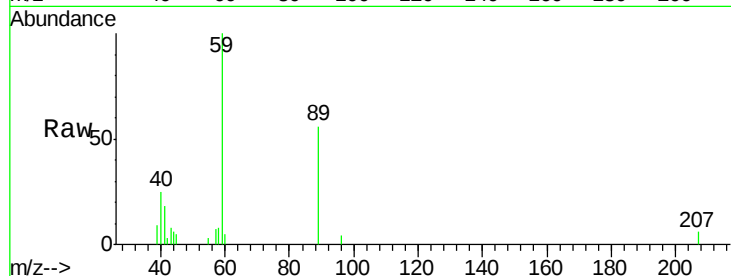
Tert butyl alcohol
 Concen: 133.692 ug/l m
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 59 Resp: 19549
 Ion Ratio Lower Upper
 59 100
 57 5.1 4.5 6.7

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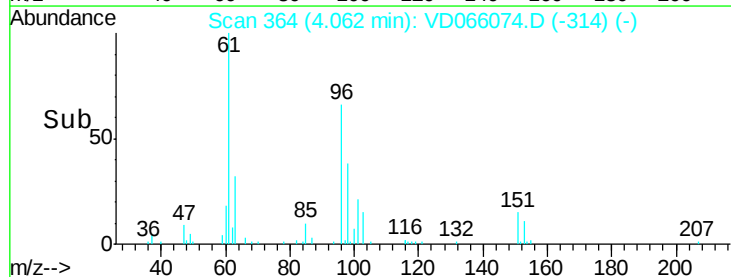
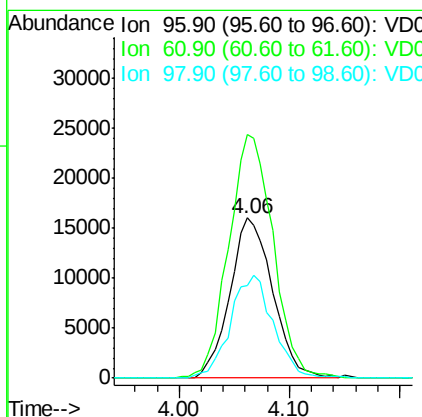
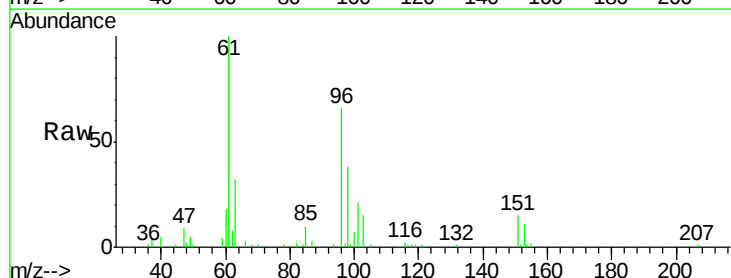
MMDadoda
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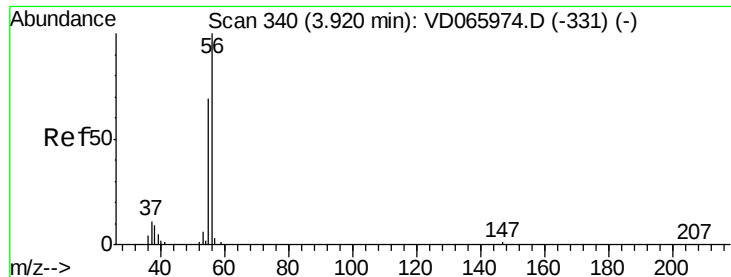


#12

1,1-Dichloroethene
 Concen: 20.235 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 96 Resp: 43666
 Ion Ratio Lower Upper
 96 100
 61 151.2 115.4 173.0
 98 57.7 51.5 77.3





#13

Acrolein

Concen: 73.515 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 56 Resp: 13154

Ion Ratio Lower Upper

56 100

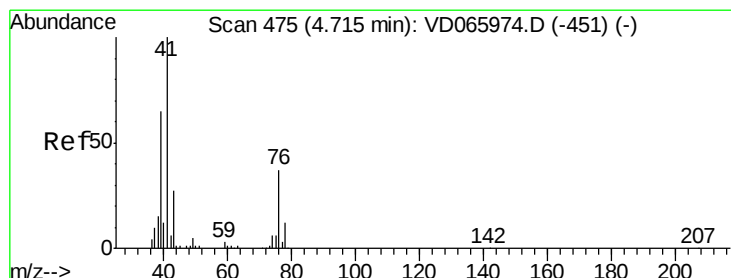
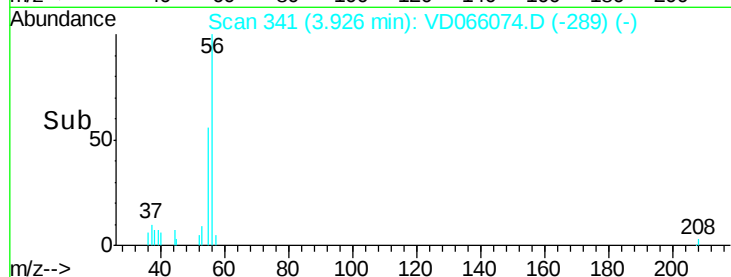
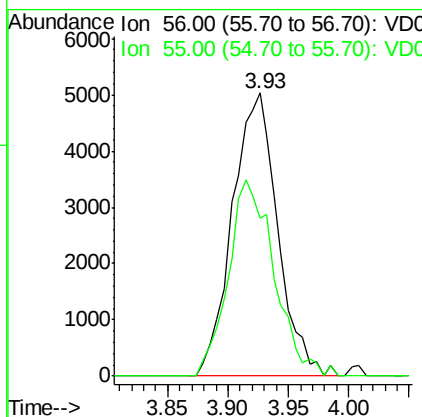
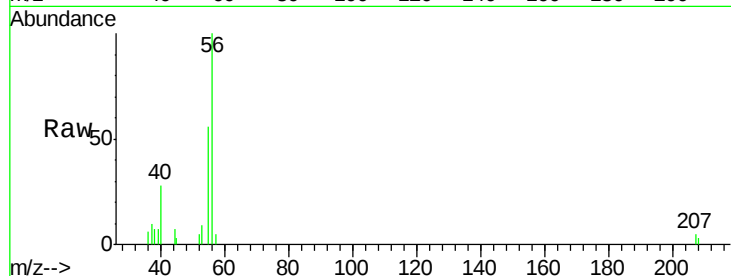
55 70.1 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.181 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

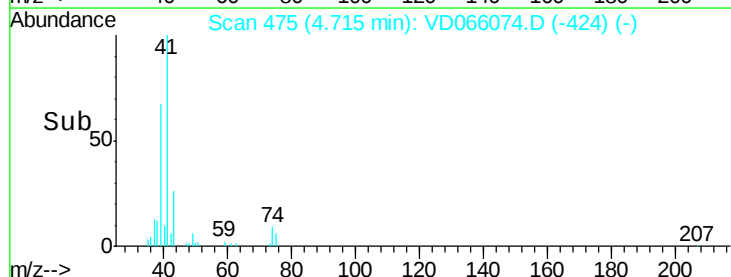
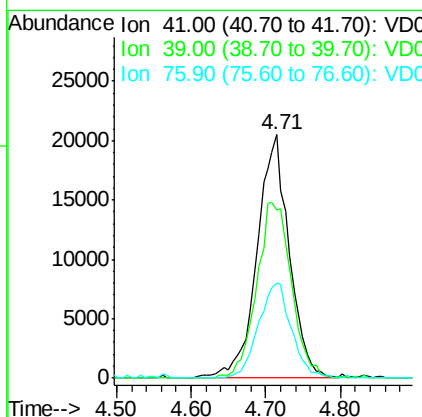
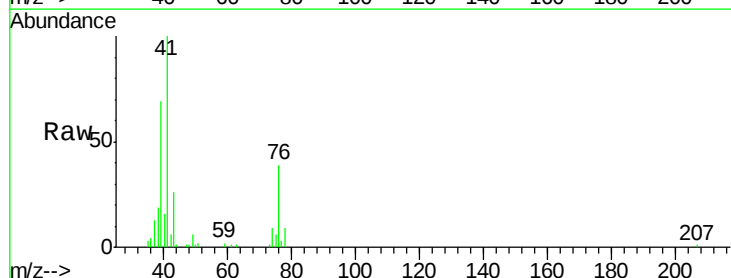
Tgt Ion: 41 Resp: 61330

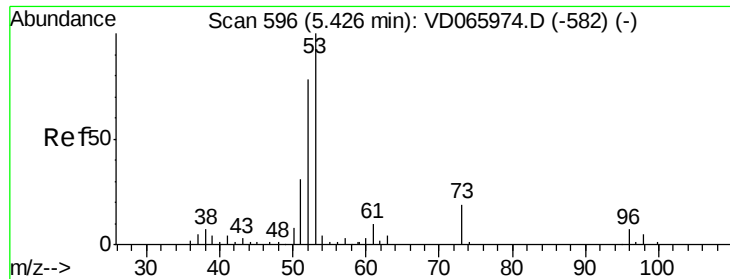
Ion Ratio Lower Upper

41 100

39 77.9 53.4 80.2

76 39.8 29.1 43.7





#15

Acrylonitrile

Concen: 90.450 ug/l

RT: 5.41 min Scan# 593

Delta R.T. -0.02 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

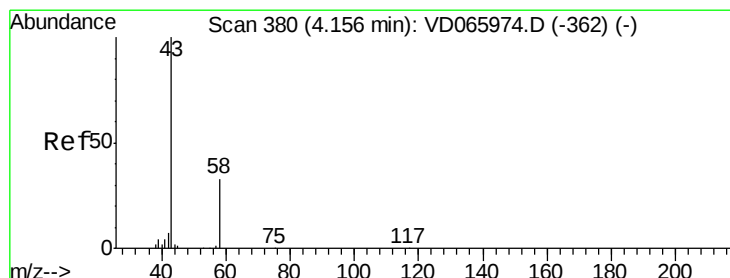
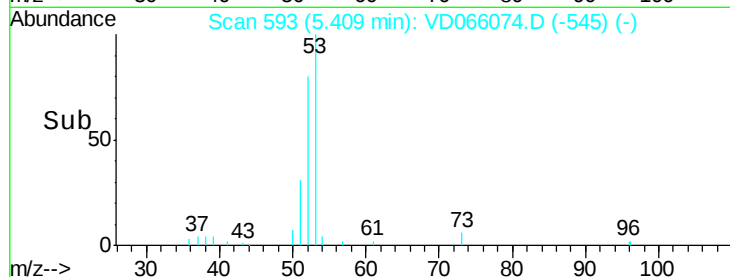
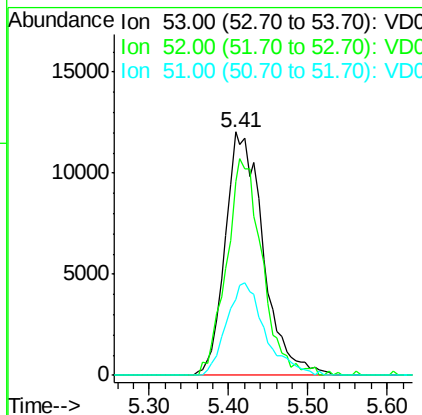
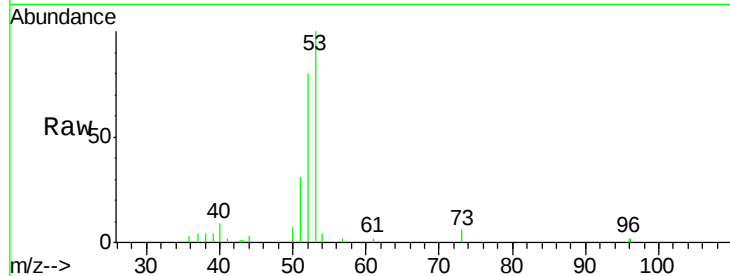
ClientSampleId :

VD0728SBS01

Tgt Ion:	53	Resp:	39991
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.1	100.7
51	38.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 87.684 ug/l

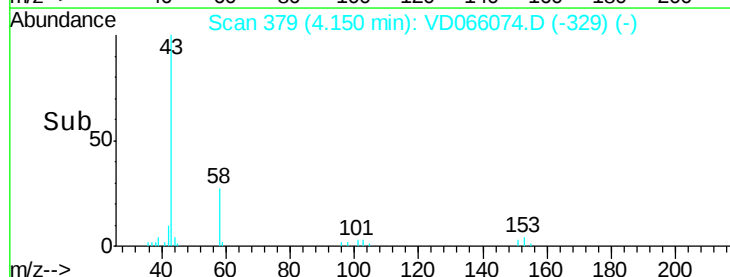
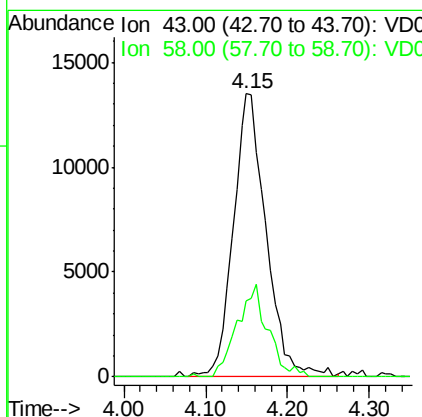
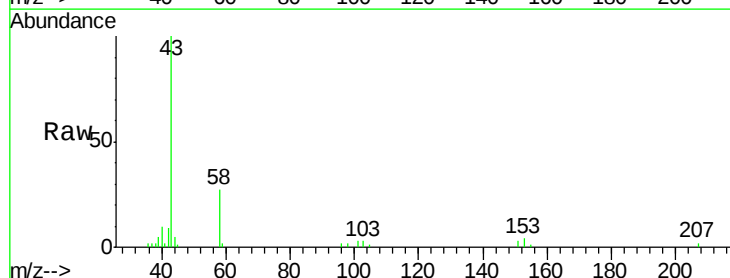
RT: 4.15 min Scan# 379

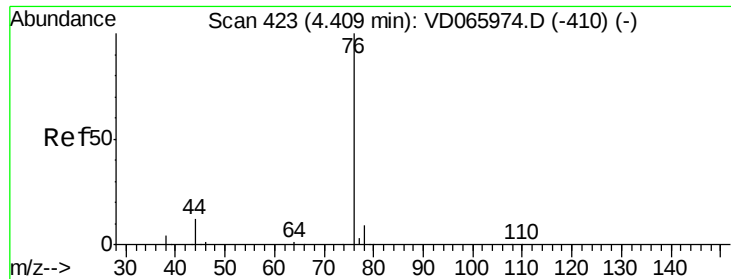
Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	43	Resp:	37693
Ion	Ratio	Lower	Upper
43	100		
58	26.7	26.3	39.5





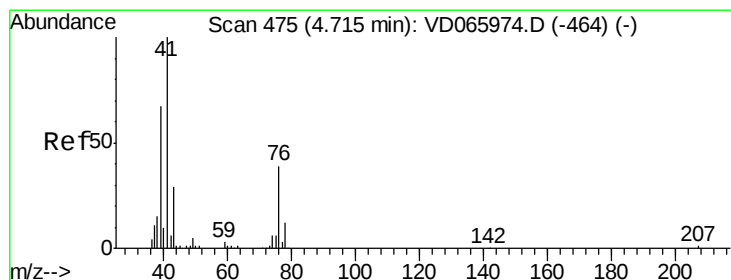
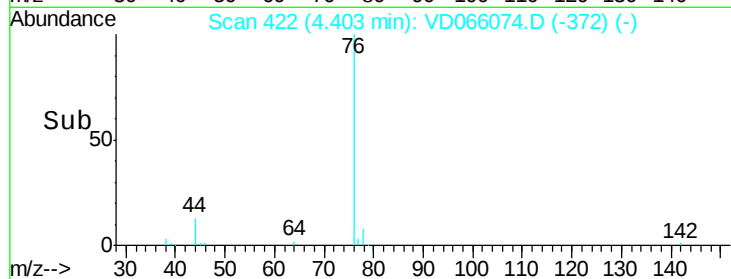
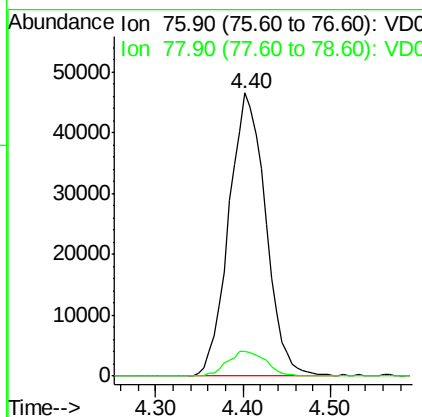
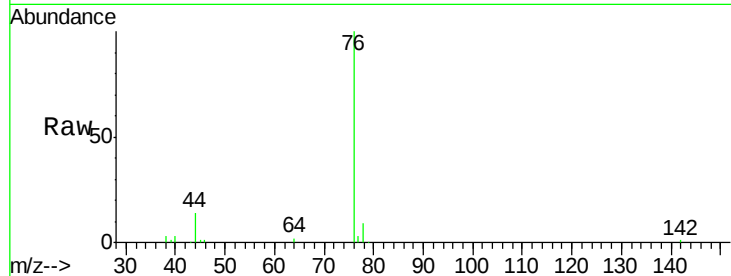
#17
Carbon Disulfide
Concen: 19.007 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 76 Resp: 133049
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

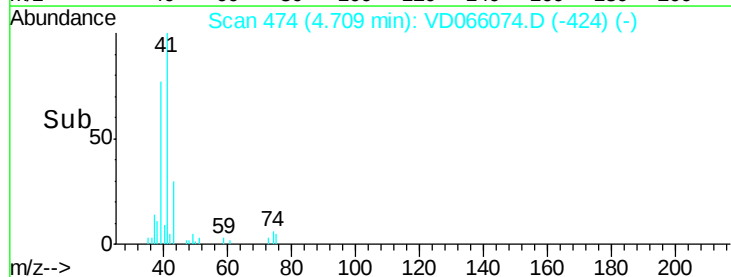
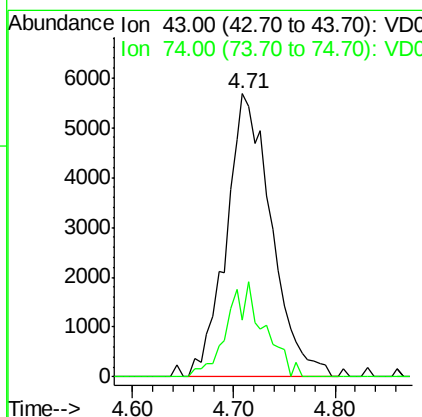
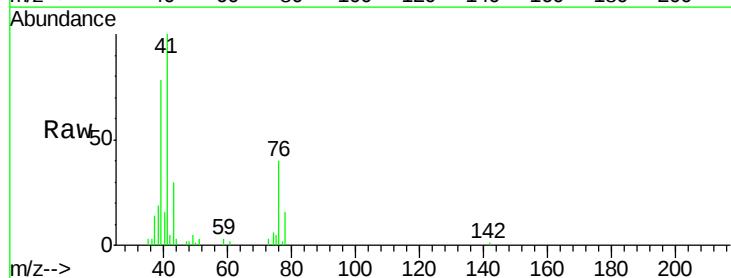
Manual Integrations
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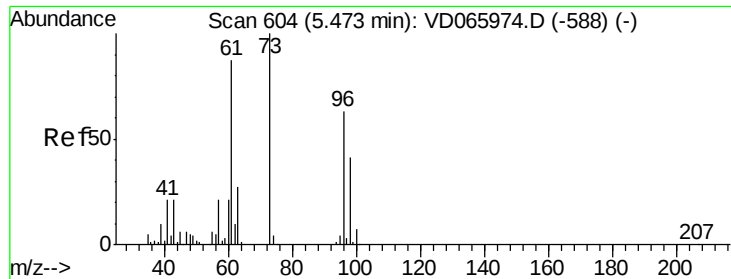
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#18
Methyl Acetate
Concen: 17.518 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 43 Resp: 17518
Ion Ratio Lower Upper
43 100
74 27.4 19.2 28.8





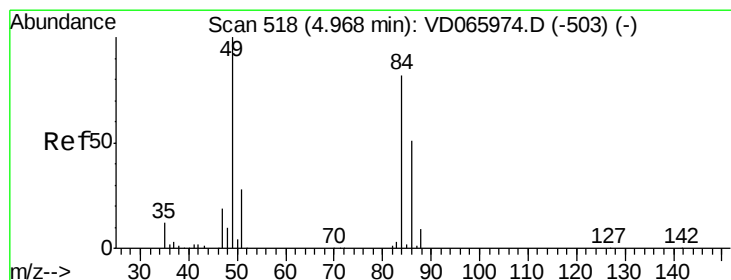
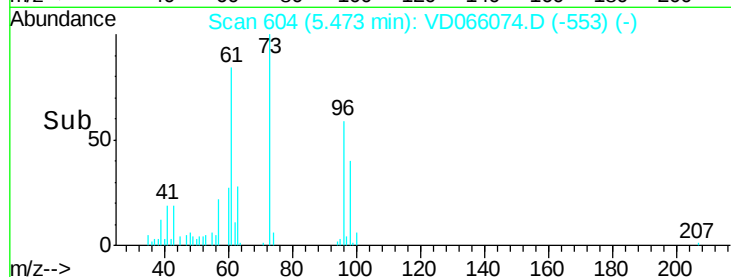
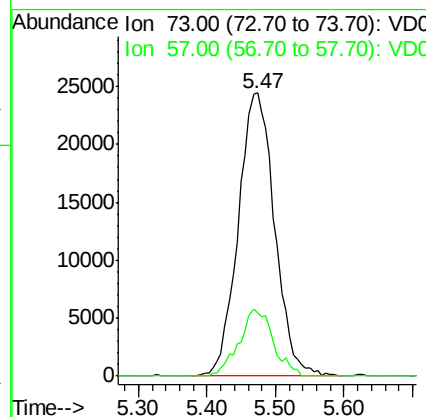
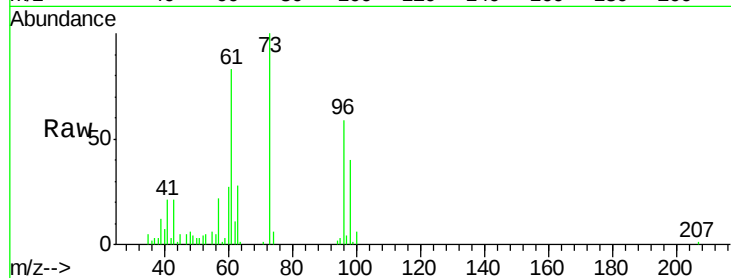
#19
Methyl tert-butyl Ether
Concen: 20.271 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 73 Resp: 89877
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.4

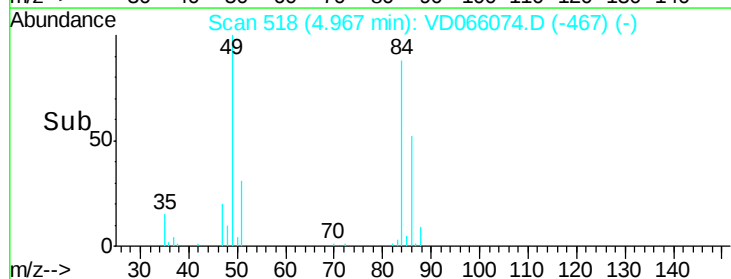
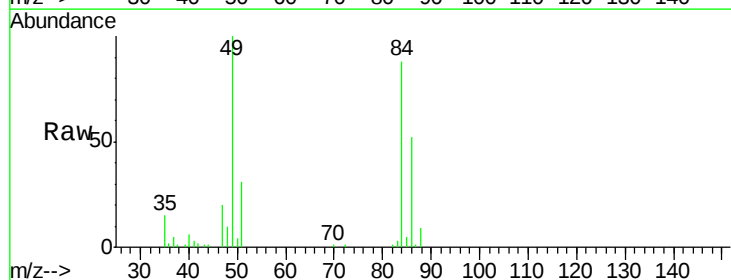
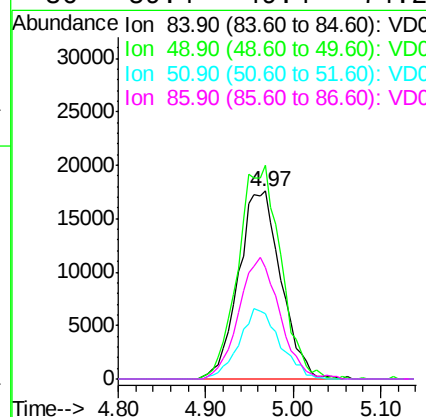
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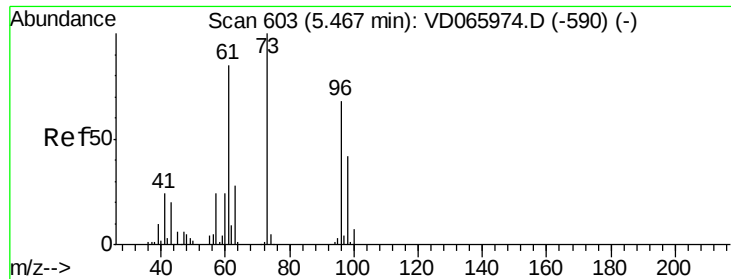
MMDadoda
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#20
Methylene Chloride
Concen: 22.841 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 84 Resp: 58119
Ion Ratio Lower Upper
84 100
49 113.7 97.7 146.5
51 35.0 27.4 41.2
86 59.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.995 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

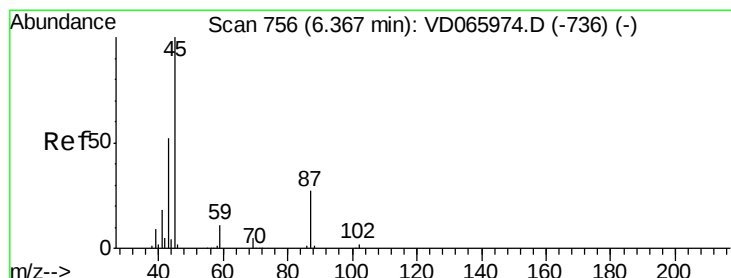
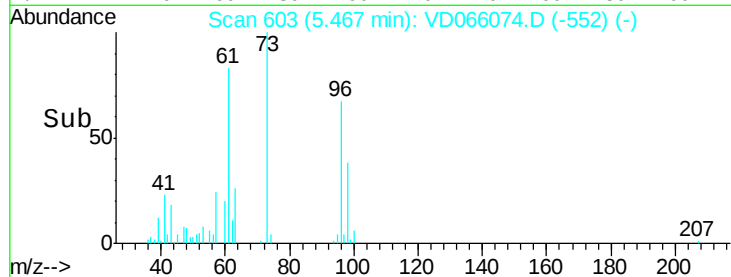
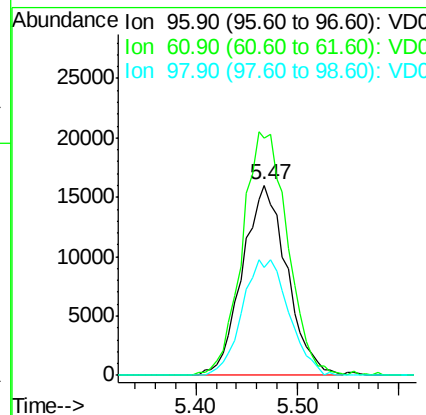
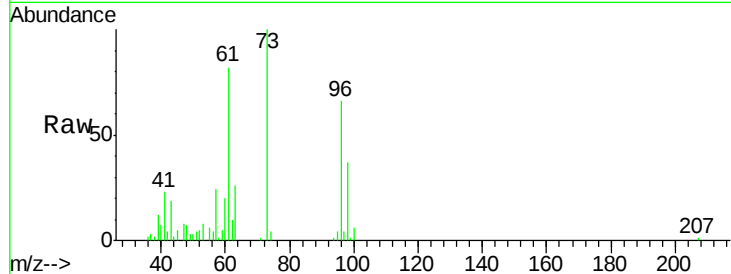
ClientSampleId :

VD0728SBS01

Tgt Ion:	96	Resp:	48767
Ion	Ratio	Lower	Upper
96	100		
61	124.9	100.5	150.7
98	56.8	49.7	74.5

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#22

Diisopropyl ether

Concen: 19.303 ug/l

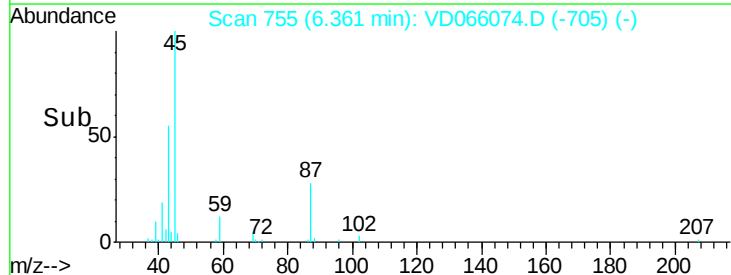
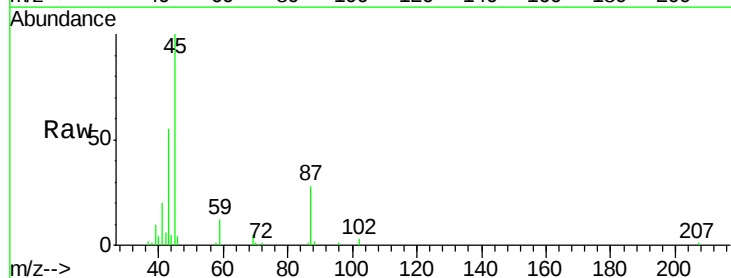
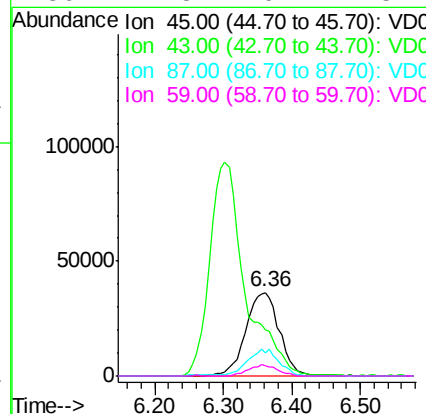
RT: 6.36 min Scan# 755

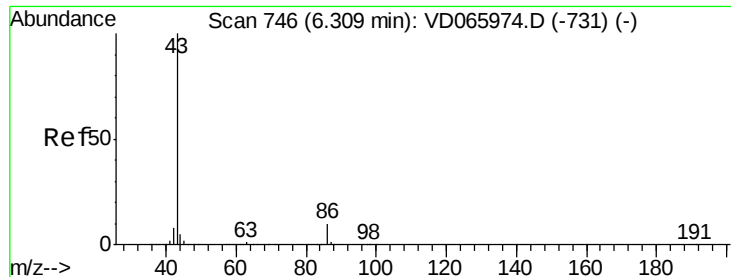
Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	45	Resp:	123705
Ion	Ratio	Lower	Upper
45	100		
43	53.9	43.0	64.4
87	28.1	22.0	33.0
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 93.050 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 43 Resp: 336311

Ion Ratio Lower Upper

43 100

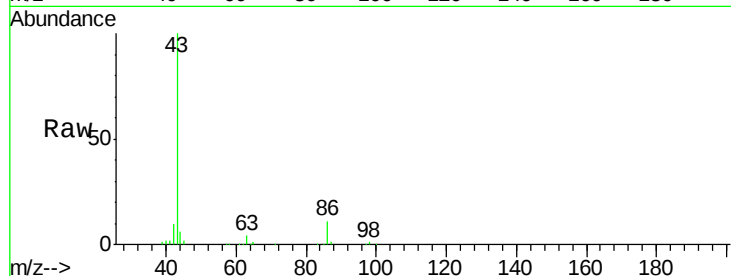
86 11.0 7.9 11.9

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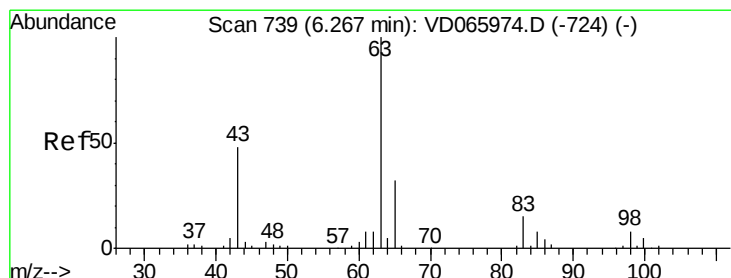
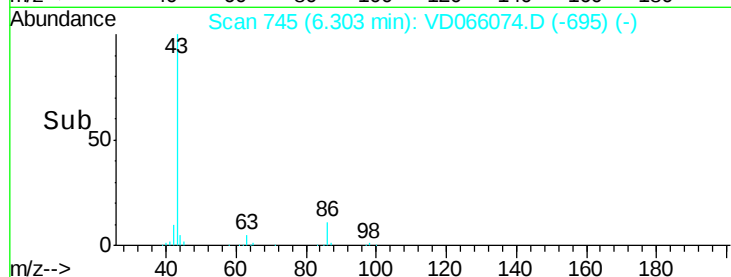
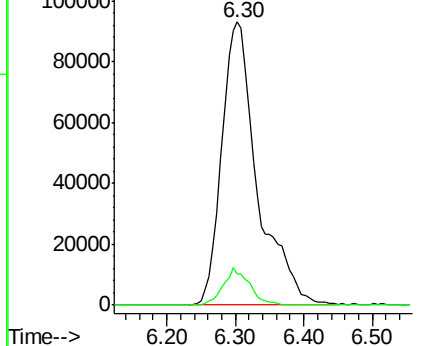
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.532 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

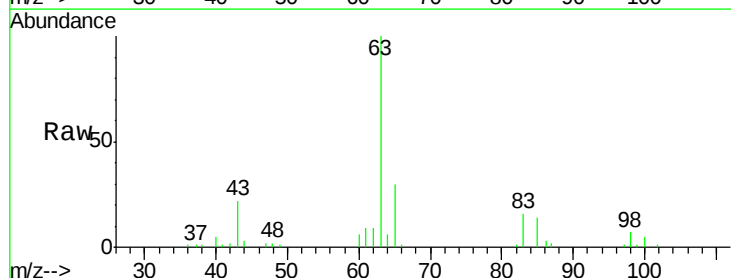
Tgt Ion: 63 Resp: 79726

Ion Ratio Lower Upper

63 100

98 6.6 4.3 12.8

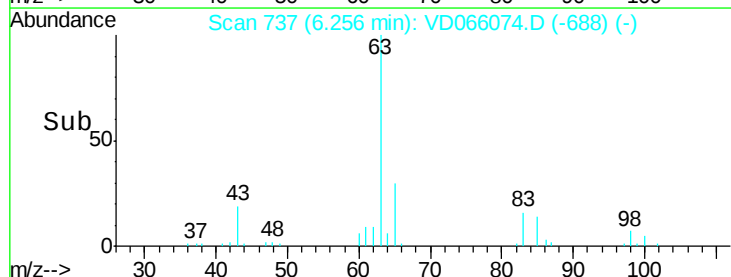
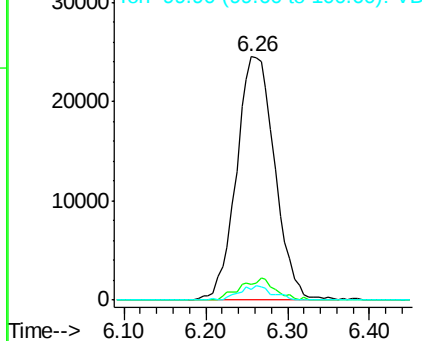
100 4.5 2.5 7.5

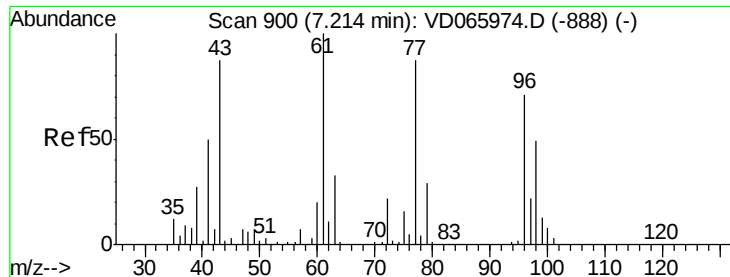


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 86.091 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 43 Resp: 49107

Ion Ratio Lower Upper

43 100

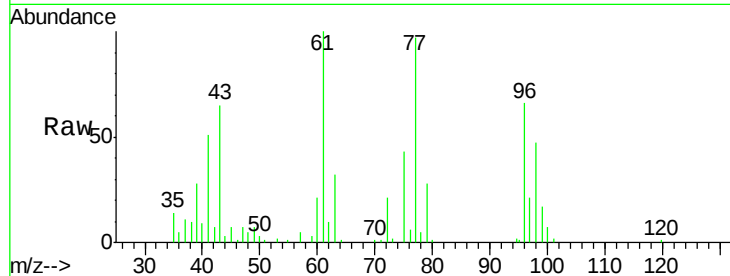
72 31.7 20.2 30.2#

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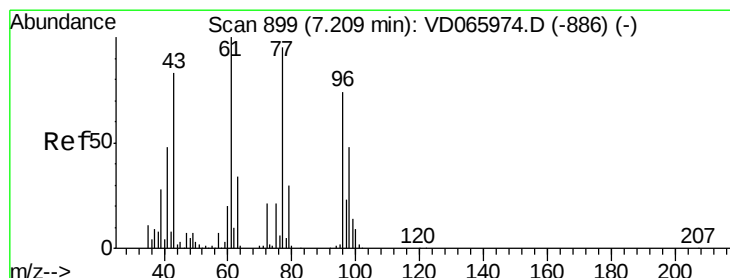
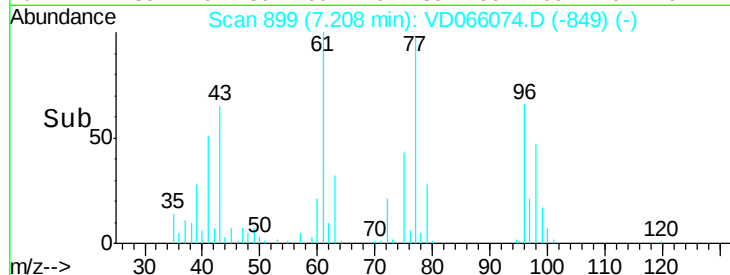
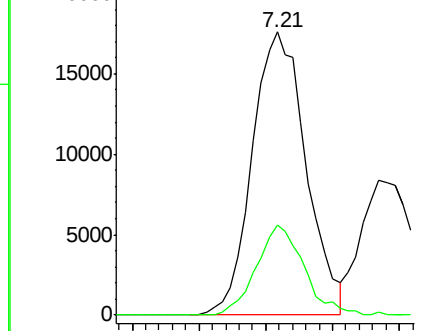
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 22.265 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066074.D

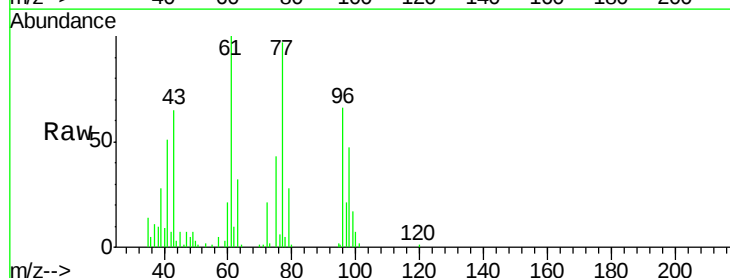
Acq: 28 Jul 2020 12:22

Tgt Ion: 77 Resp: 77748

Ion Ratio Lower Upper

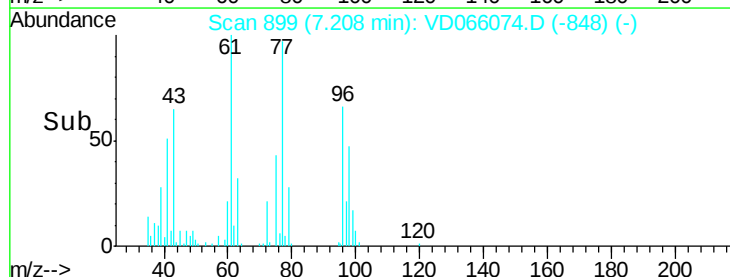
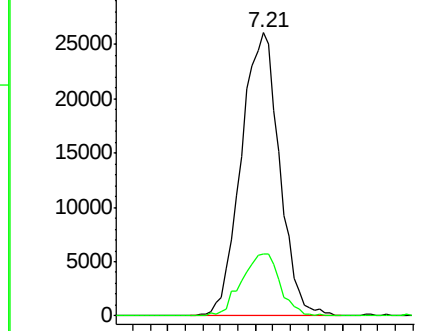
77 100

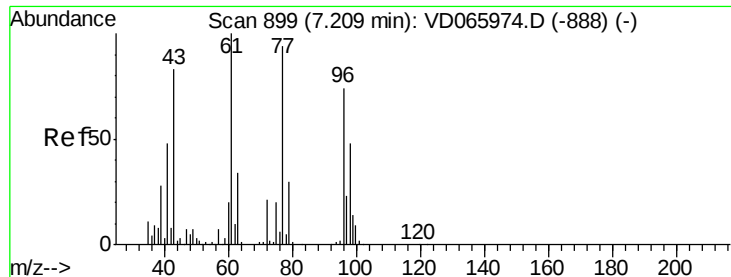
97 22.0 11.6 34.7



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: 20.360 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

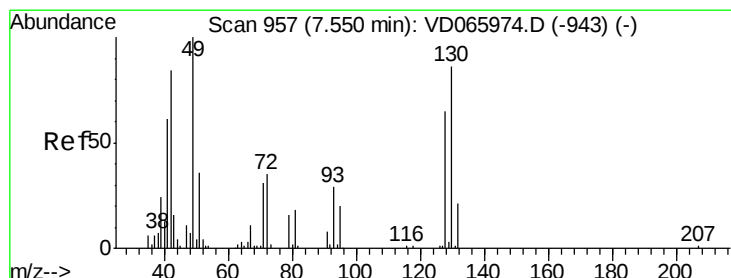
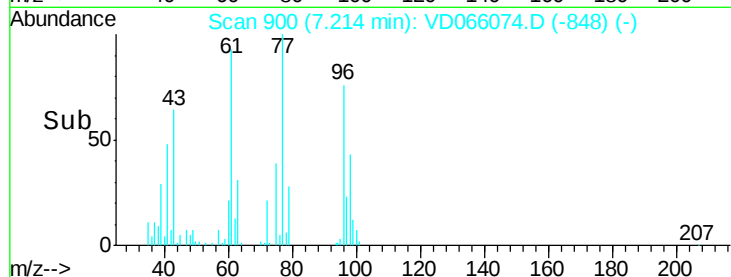
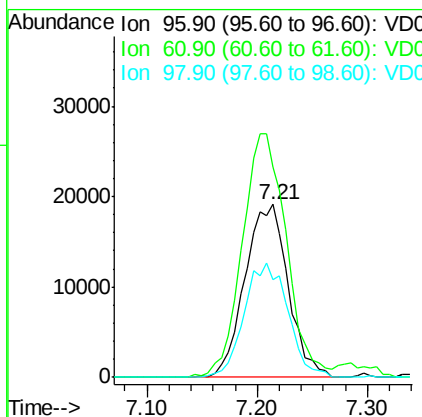
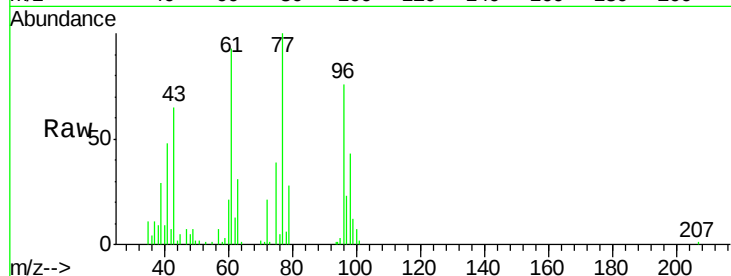
ClientSampleId :

VD0728SBS01

Tgt Ion:	96	Resp:	52575
Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	276.6
98	66.6	0.0	130.8

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#28

Bromochloromethane

Concen: 19.354 ug/l

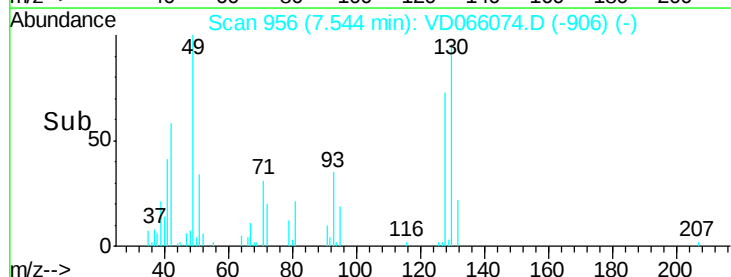
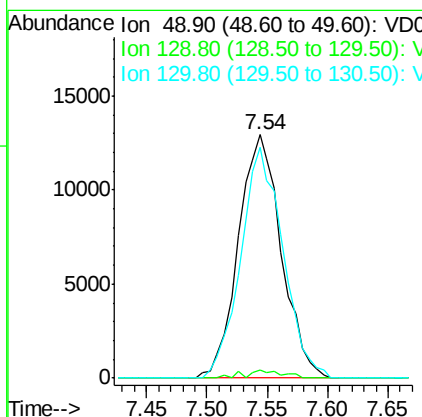
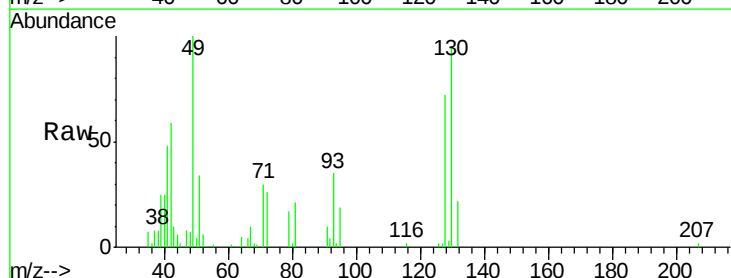
RT: 7.54 min Scan# 956

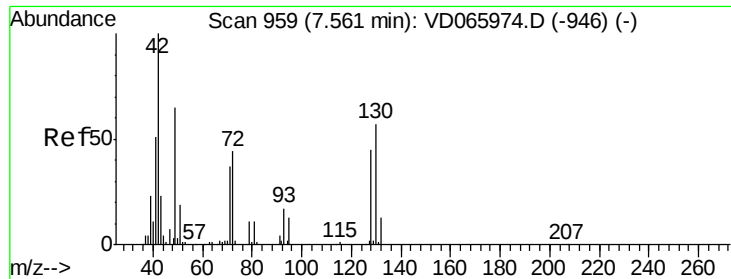
Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	49	Resp:	31897
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	93.5	68.4	102.6





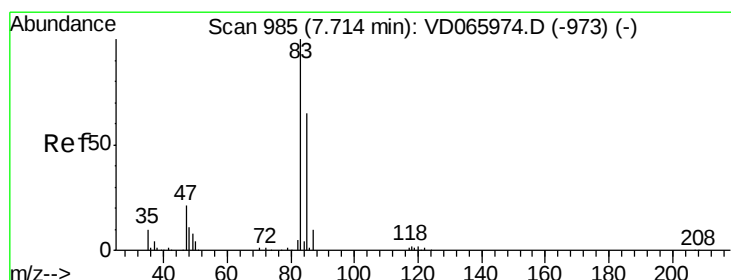
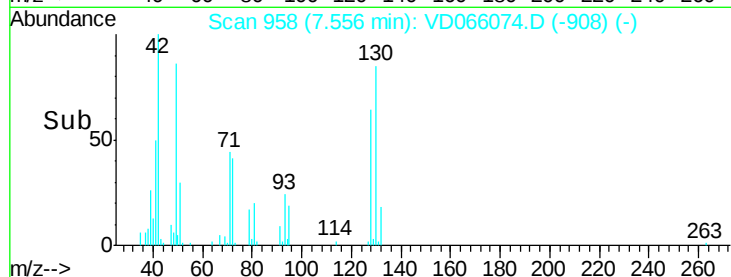
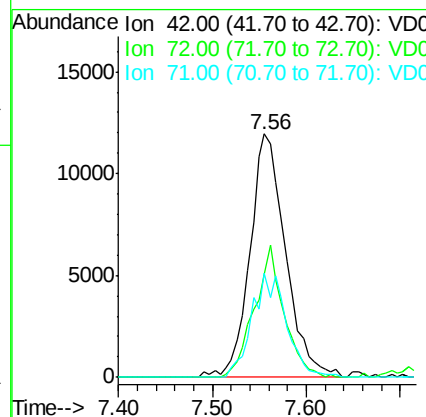
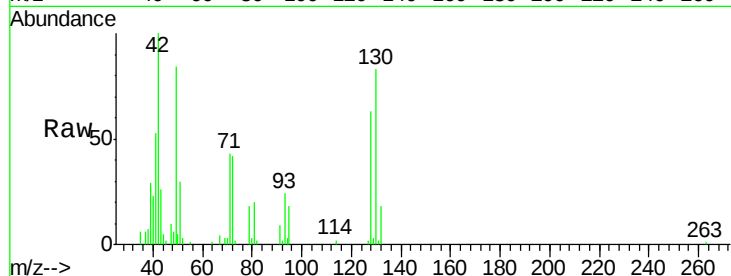
#29
Tetrahydrofuran
Concen: 89.208 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.2	51.2
71	41.5	31.4	47.2

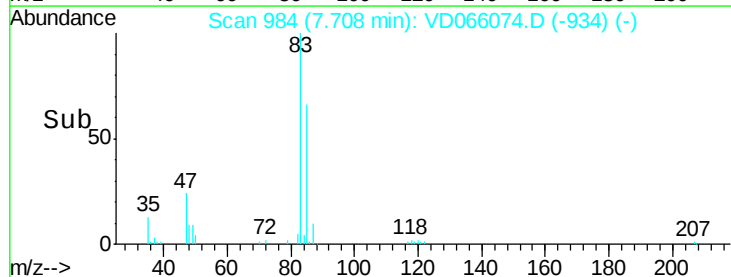
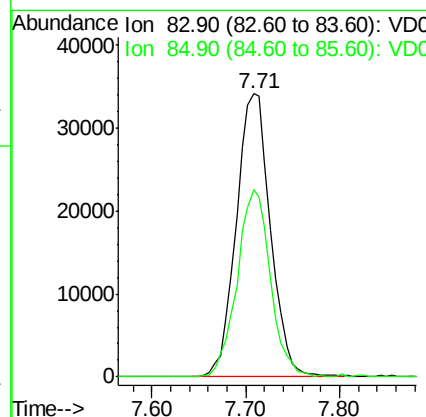
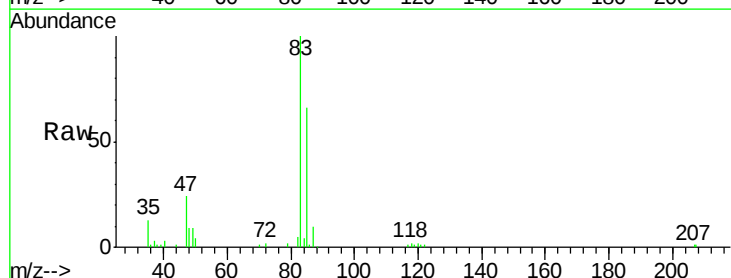
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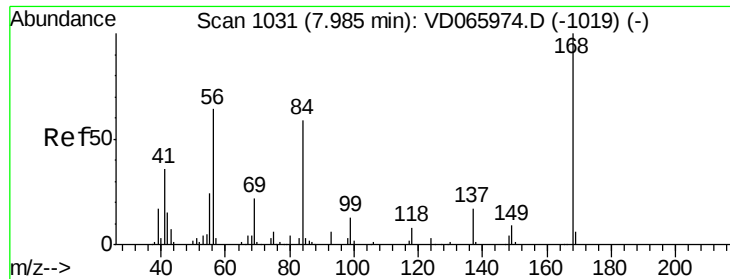
MMDadoda
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#30
Chloroform
Concen: 21.210 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.1	78.1





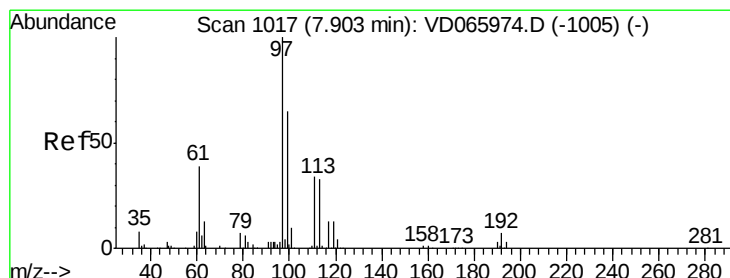
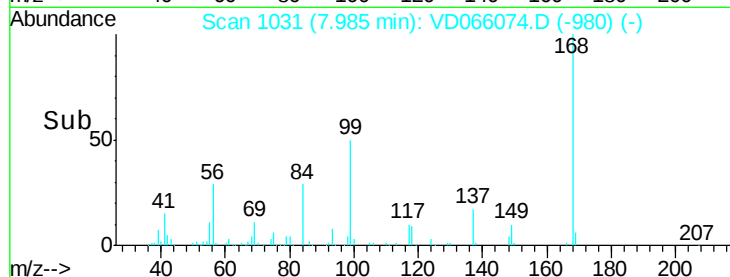
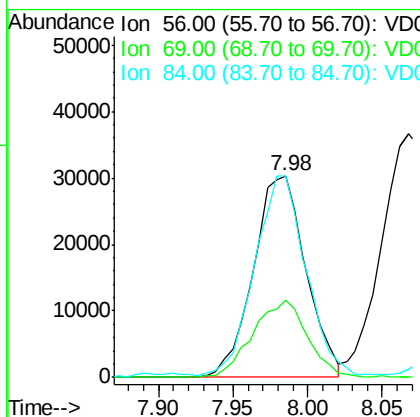
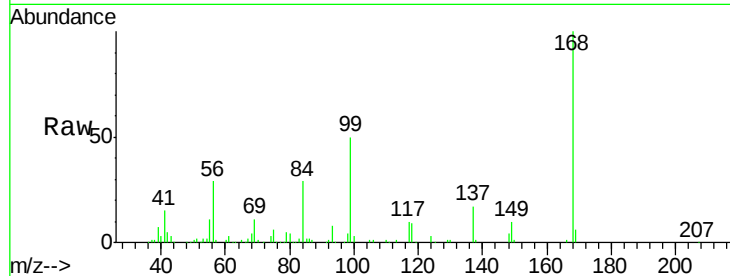
#31
Cyclohexane
Concen: 19.335 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.6	28.0	42.0
84	98.6	72.6	109.0

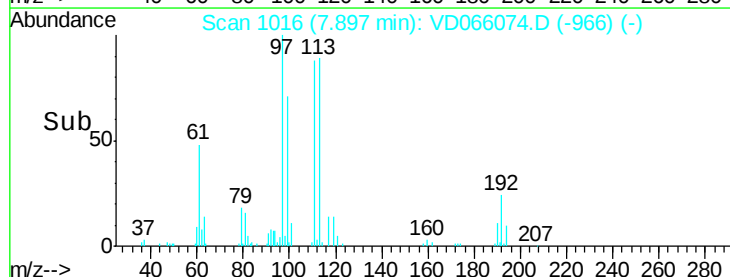
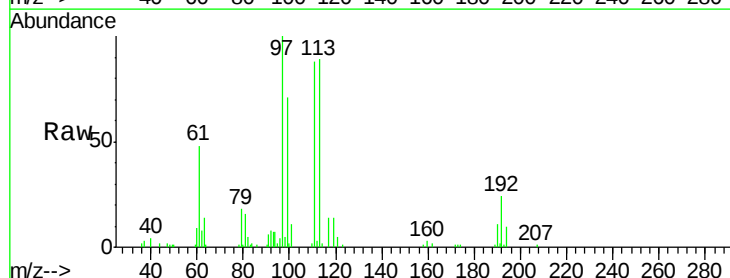
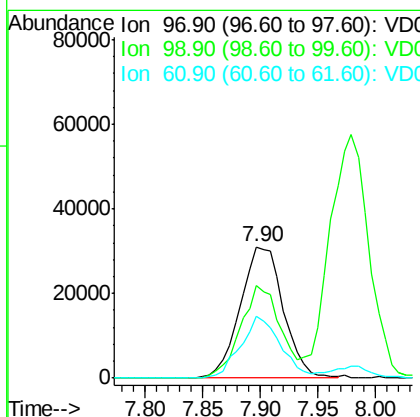
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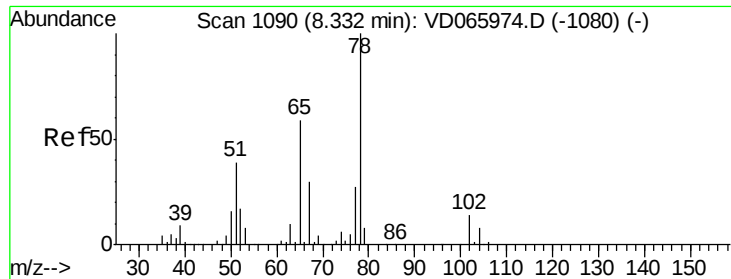
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#32
1,1,1-Trichloroethane
Concen: 21.514 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.6
61	43.4	33.3	49.9





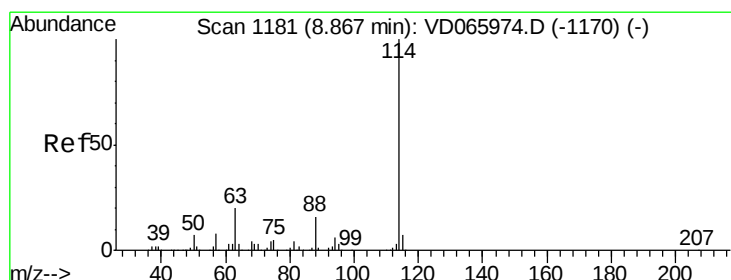
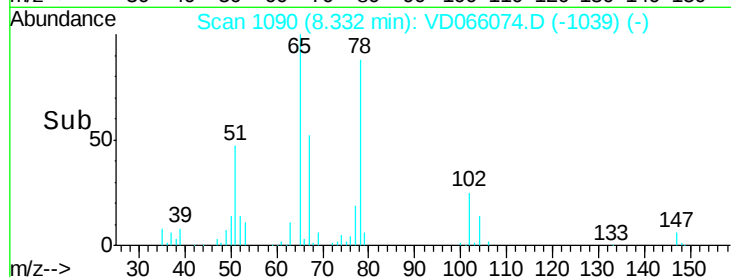
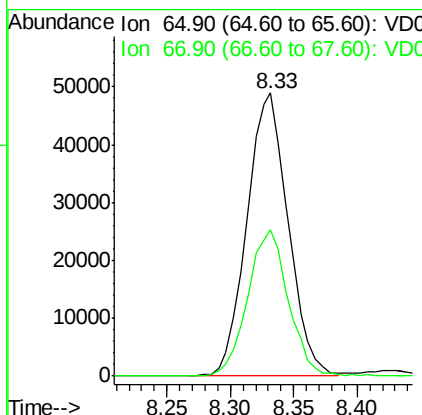
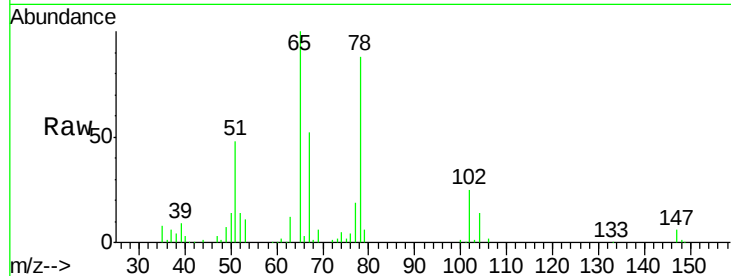
#33
 1,2-Dichloroethane-d4
 Concen: 52.163 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	110781		
67	51.0	0.0	105.0	

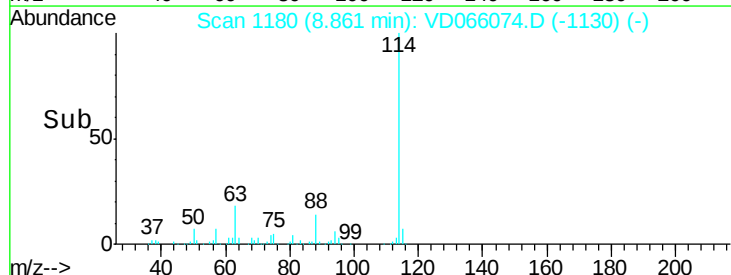
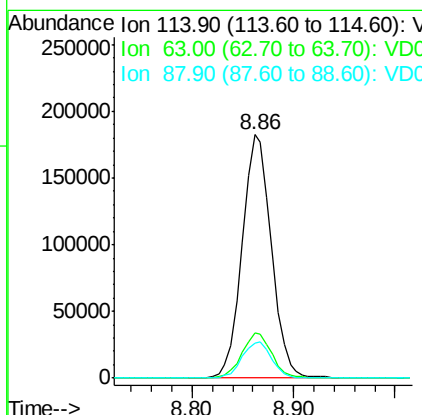
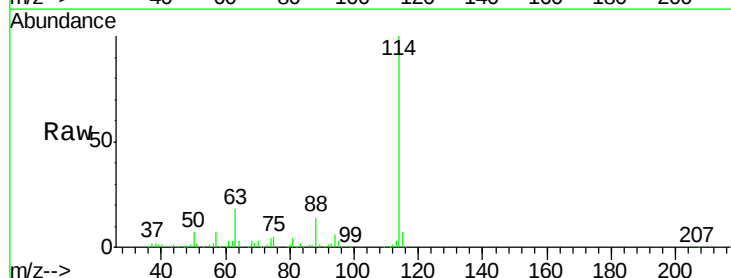
Manual Integrations
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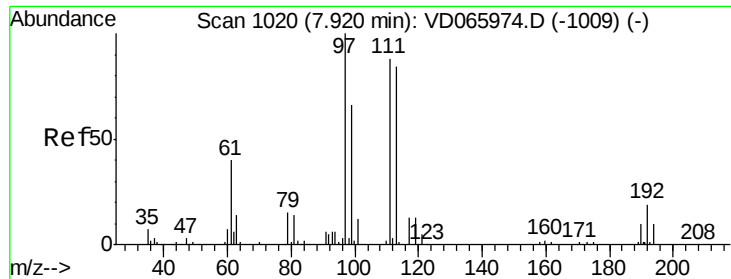
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	364556		
63	18.4	0.0	39.6	
88	14.4	0.0	31.2	





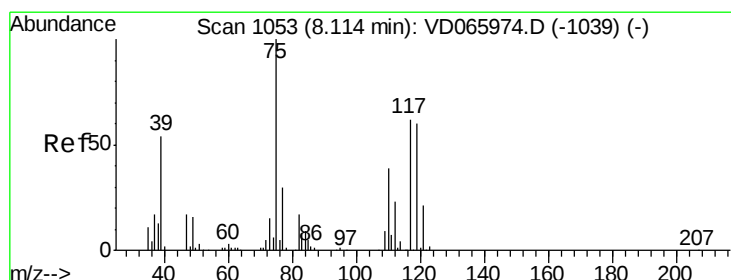
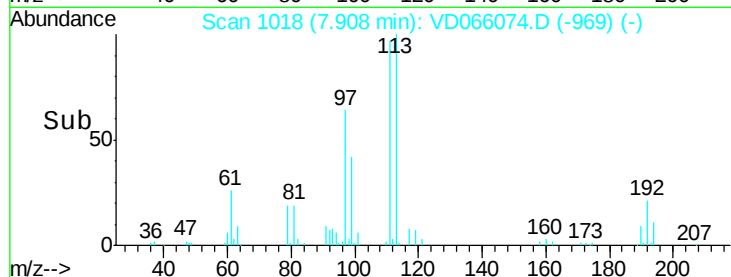
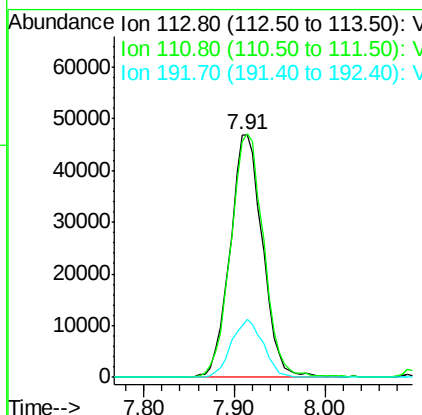
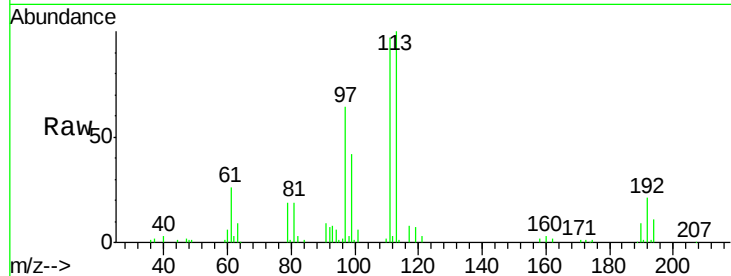
#35
 Dibromofluoromethane
 Concen: 52.821 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	116796		
111	101.7	83.2	124.8	
192	23.4	18.7	28.1	

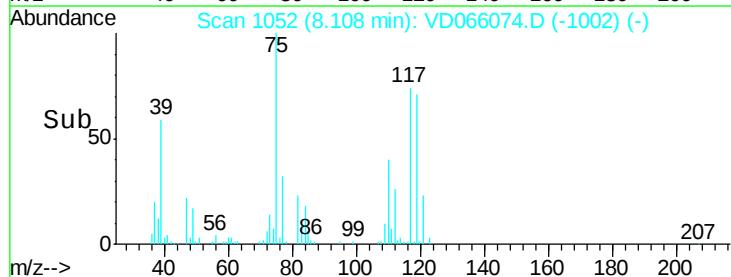
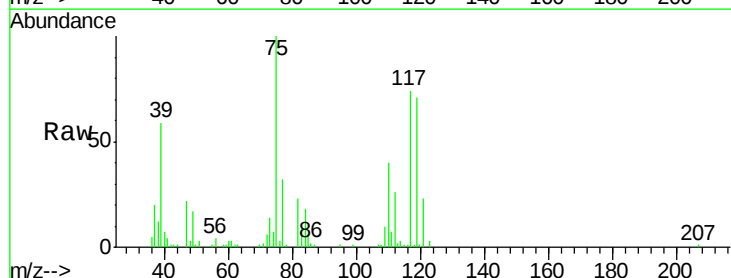
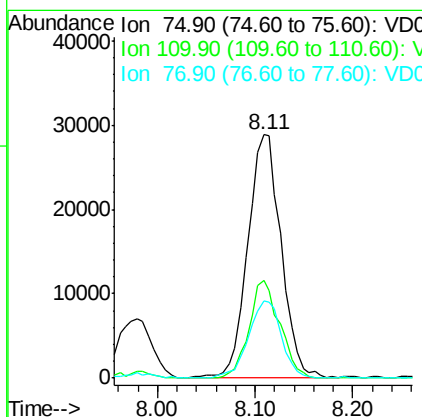
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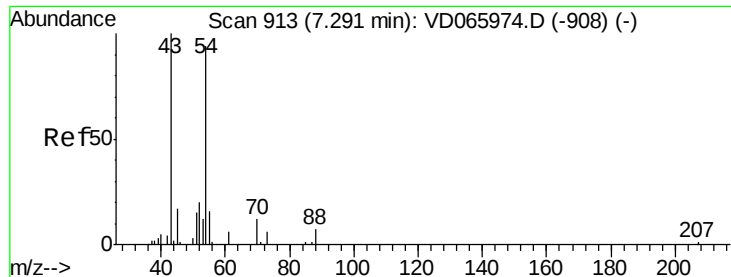
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#36
 1,1-Dichloropropene
 Concen: 22.283 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69328		
110	37.1	19.5	58.5	
77	31.3	24.7	37.1	





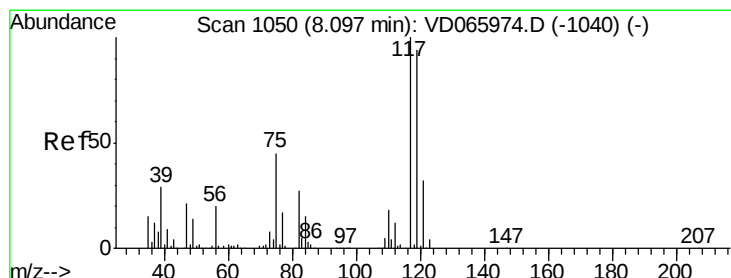
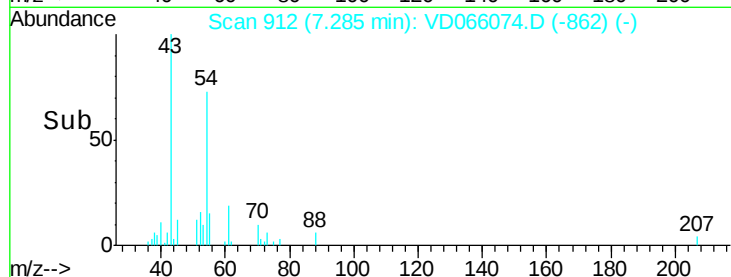
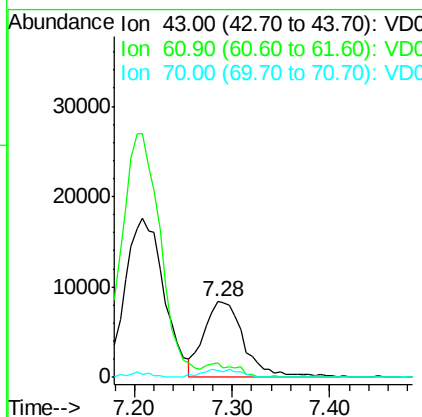
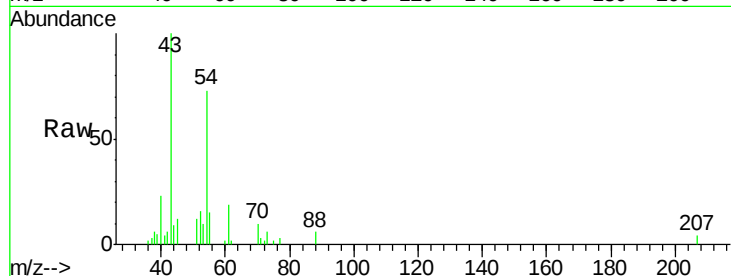
#37
Ethyl Acetate
Concen: 20.272 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.4	17.0
70	5.6	9.3	13.9

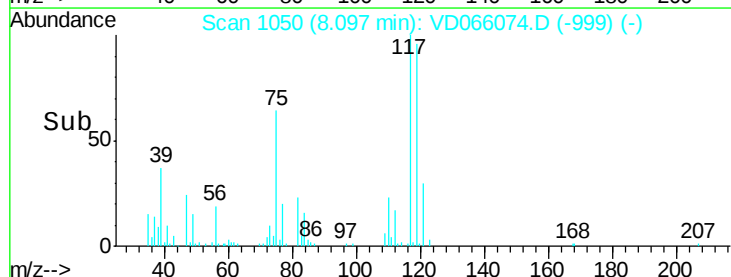
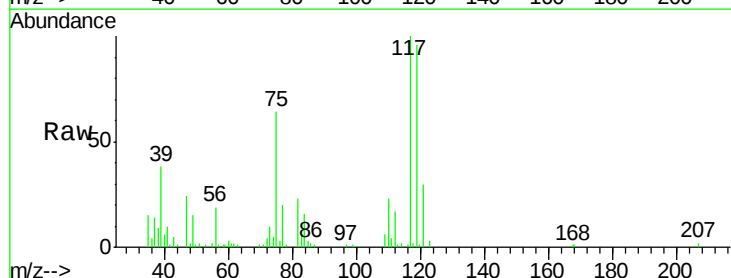
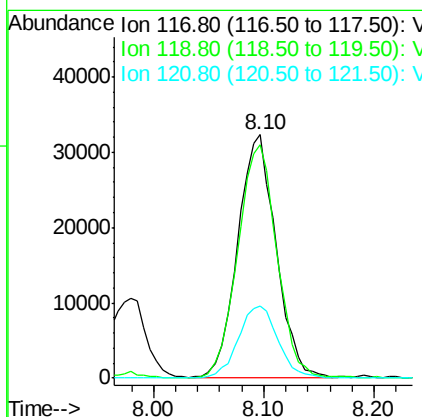
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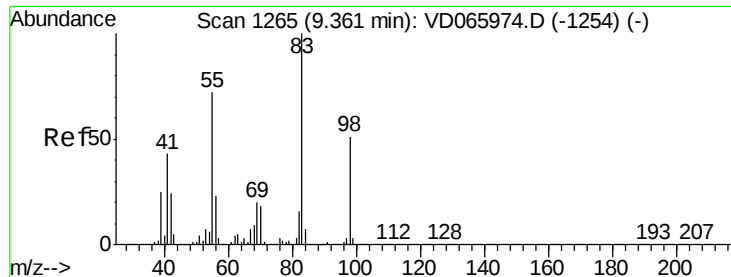
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#38
Carbon Tetrachloride
Concen: 23.471 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.0	112.6
121	29.7	25.5	38.3





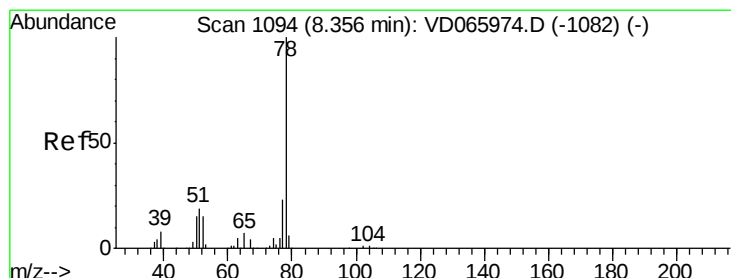
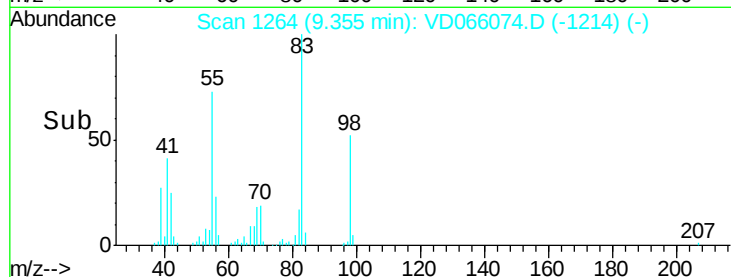
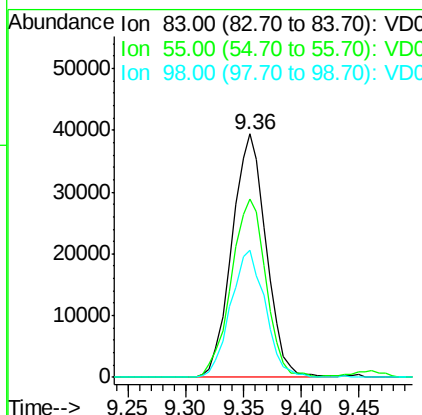
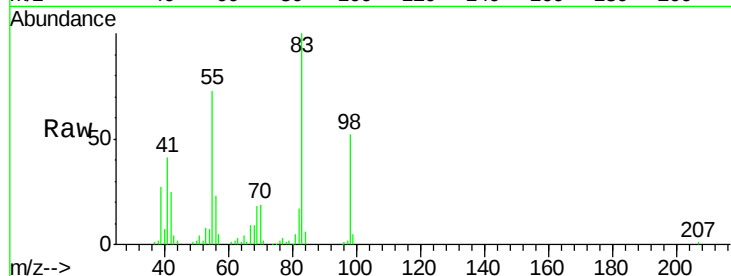
#39
Methylcyclohexane
Concen: 21.489 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.3	57.3	85.9
98	52.1	41.0	61.6

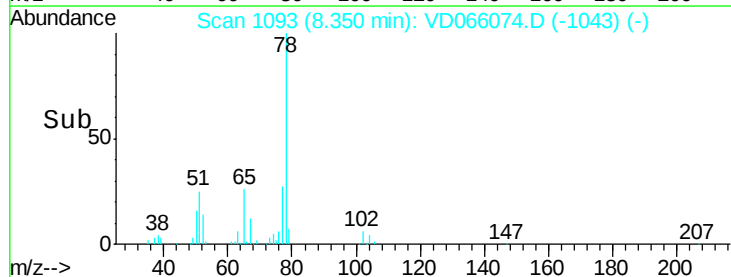
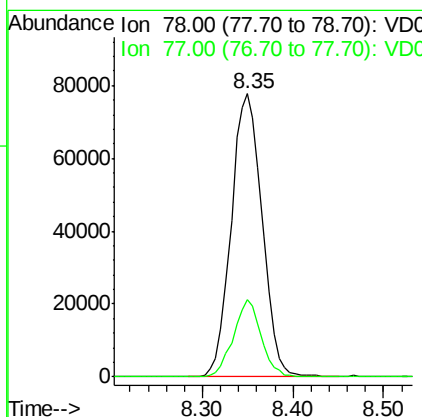
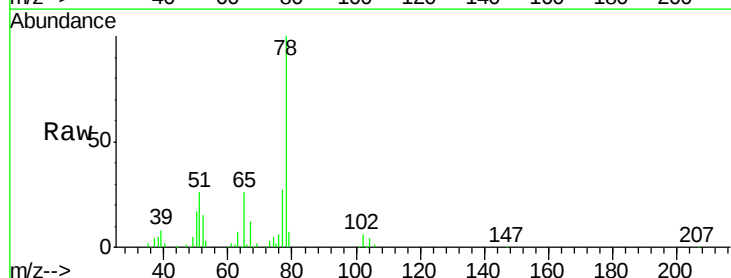
Manual Integrations
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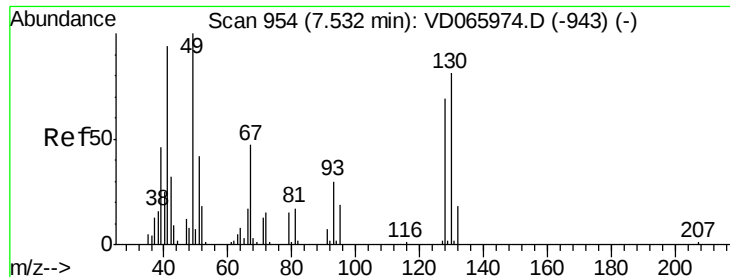
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#40
Benzene
Concen: 21.177 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.3	18.6	27.8





#41

Methacrylonitrile

Concen: 19.328 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 41 Resp: 13156

Ion Ratio Lower Upper

41 100

39 64.3 0.0 0.0#

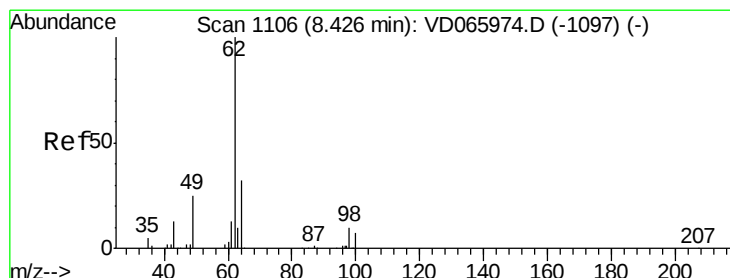
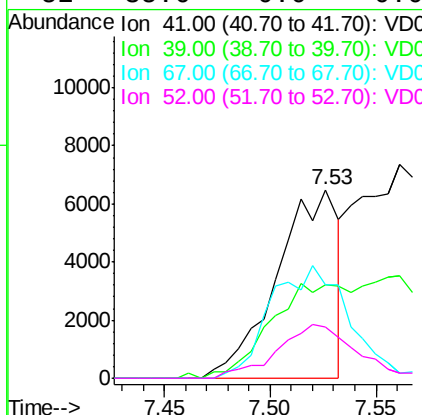
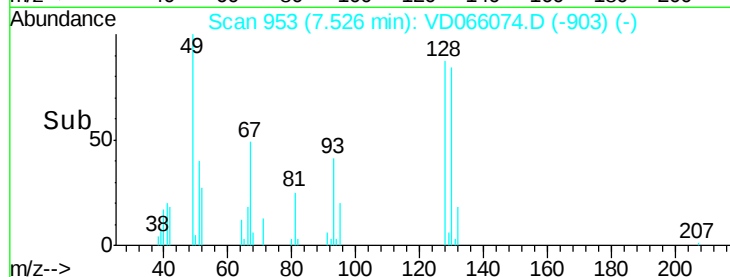
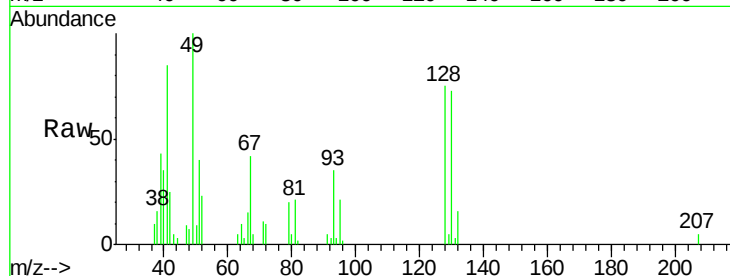
67 75.8 0.0 0.0#

52 35.6 0.0 0.0#

Manual Integrations
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MMDadoda

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#42

1,2-Dichloroethane

Concen: 22.546 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD066074.D

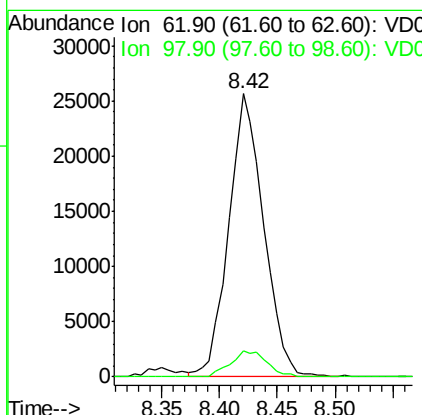
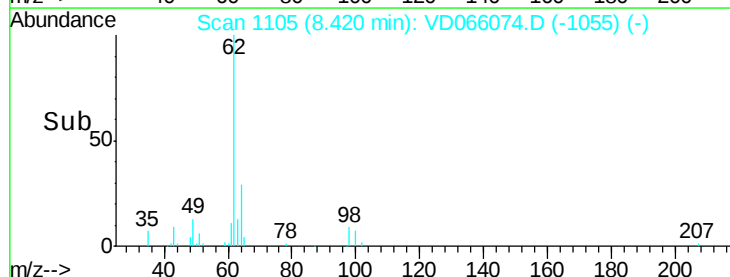
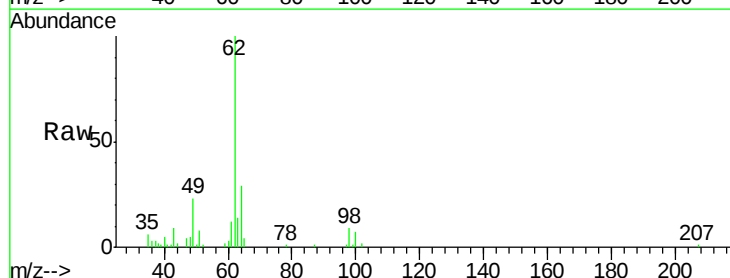
Acq: 28 Jul 2020 12:22

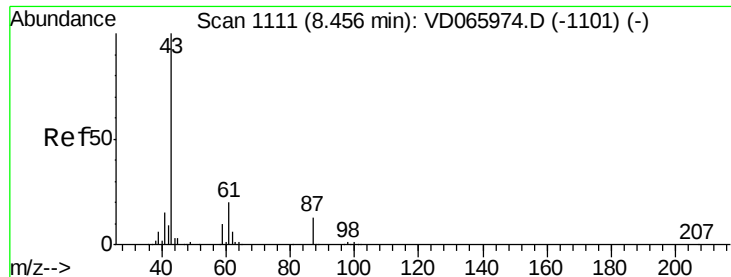
Tgt Ion: 62 Resp: 53777

Ion Ratio Lower Upper

62 100

98 9.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 19.382 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

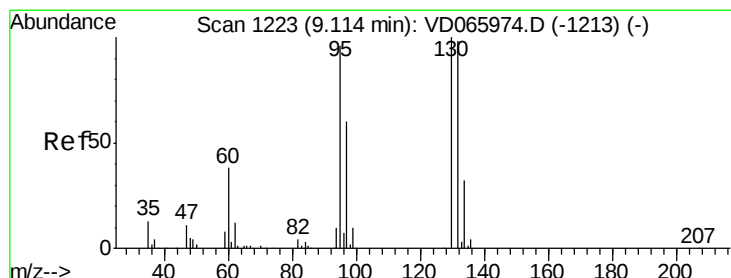
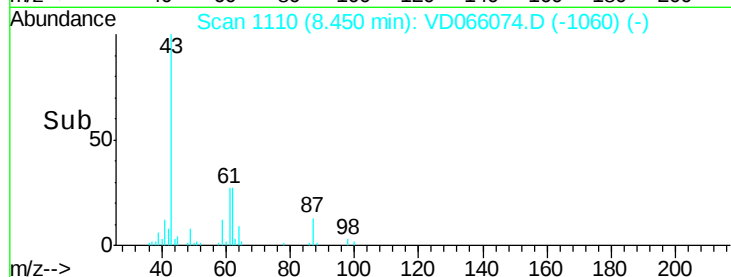
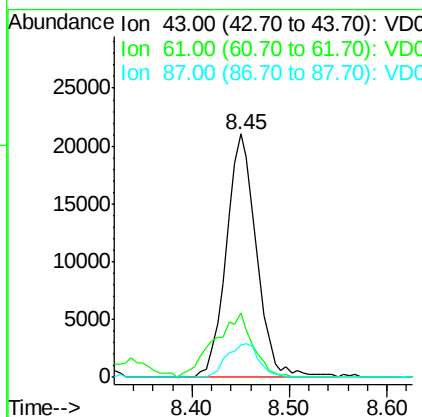
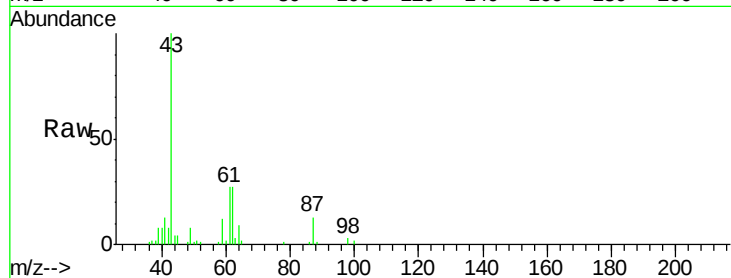
ClientSampleId :

VD0728SBS01

Tgt Ion:	43	Resp:	44981
Ion	Ratio	Lower	Upper
43	100		
61	33.7	25.8	38.8
87	14.6	10.9	16.3

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#44

Trichloroethene

Concen: 21.675 ug/l

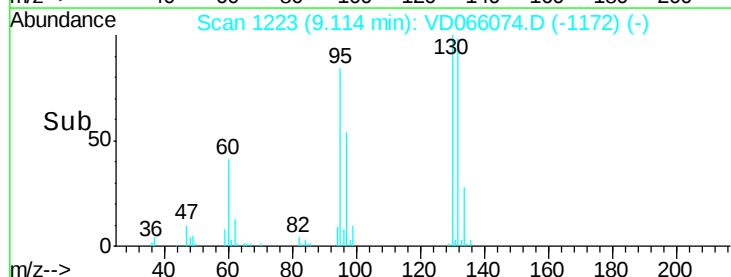
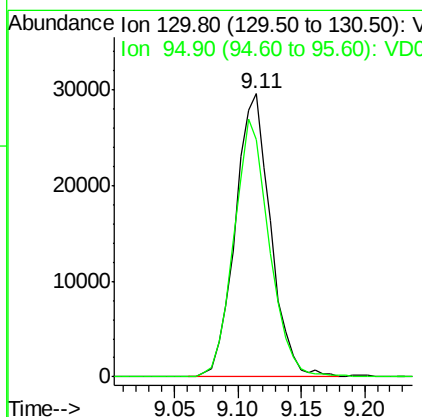
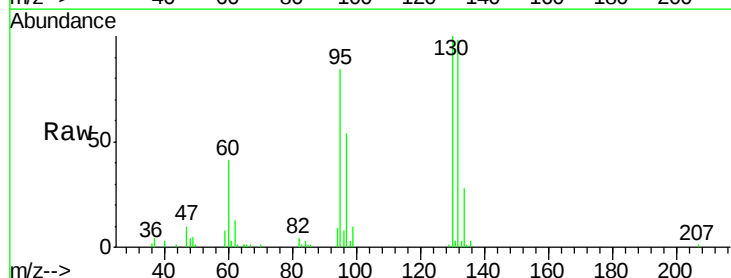
RT: 9.11 min Scan# 1223

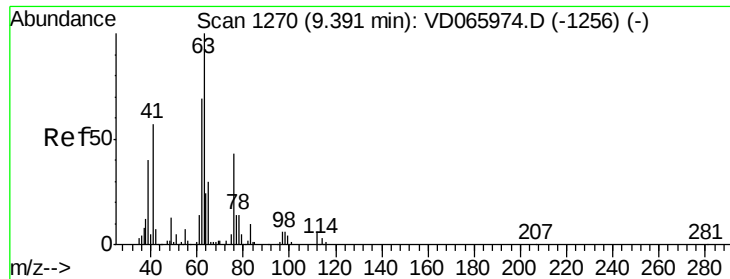
Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	130	Resp:	57094
Ion	Ratio	Lower	Upper
130	100		
95	83.8	0.0	191.6





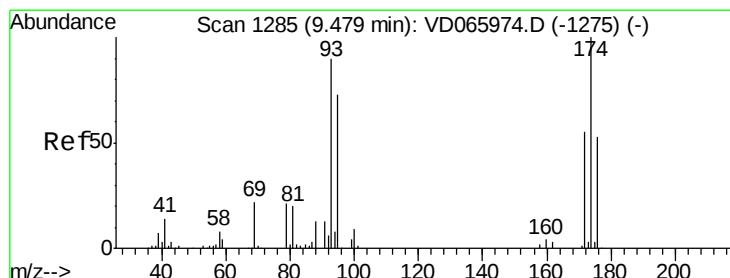
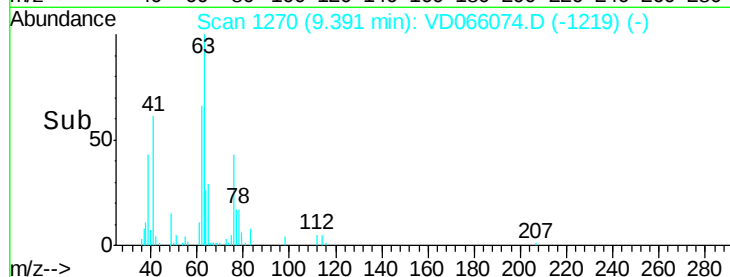
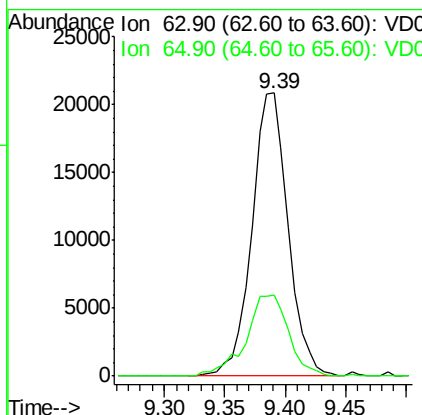
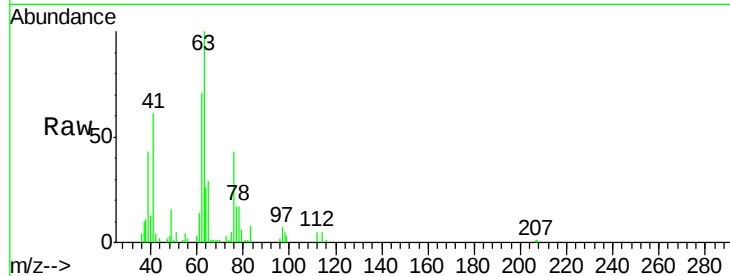
#45
 1,2-Dichloropropane
 Concen: 20.737 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 63 Resp: 43717
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.0 36.0

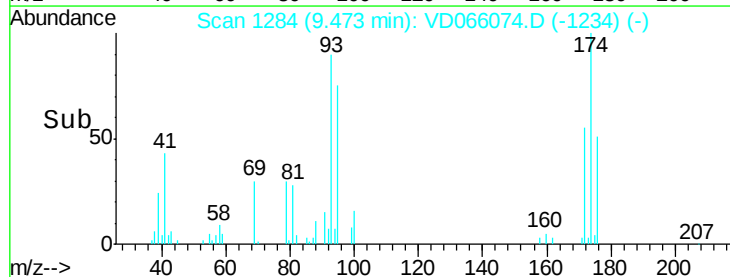
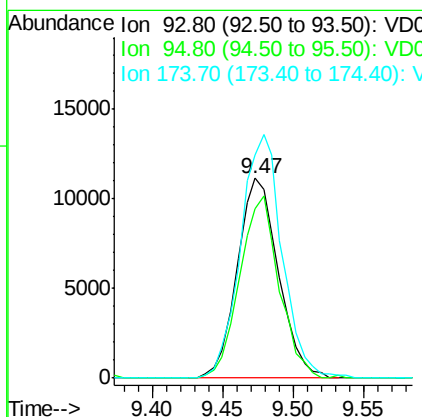
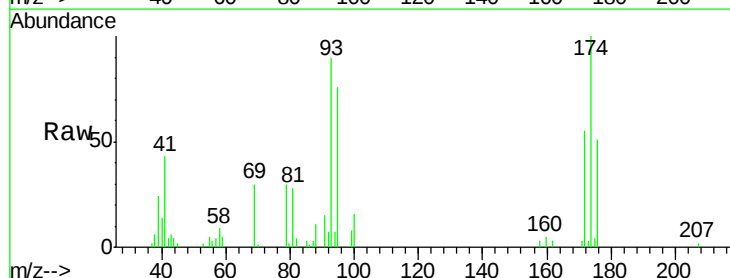
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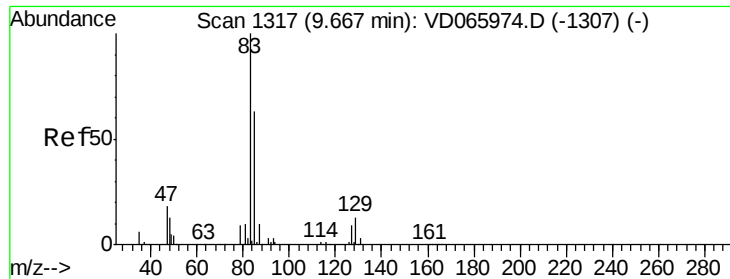
MMDadoda
 7/29/2020 7:05:55 PM



#46
 Dibromomethane
 Concen: 20.082 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 93 Resp: 22791
 Ion Ratio Lower Upper
 93 100
 95 86.9 66.2 99.4
 174 123.3 91.5 137.3





#47

Bromodichloromethane

Concen: 21.692 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

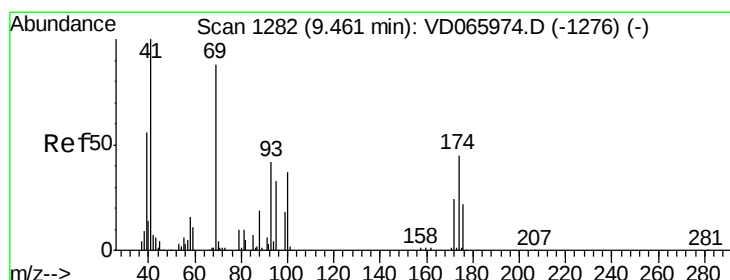
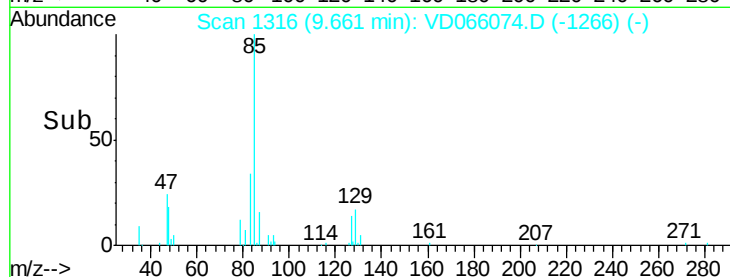
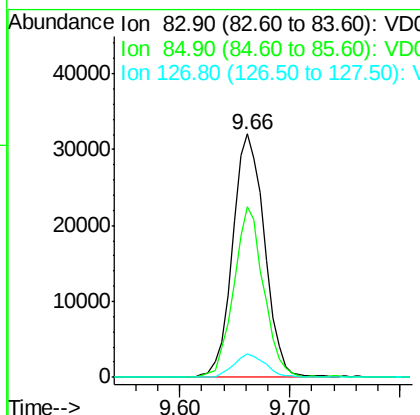
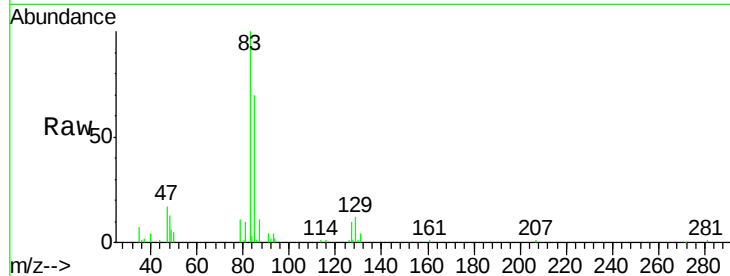
ClientSampleId :

VD0728SBS01

Tgt Ion:	83	Resp:	65092
Ion	Ratio	Lower	Upper
83	100		
85	70.2	50.6	75.8
127	9.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.535 ug/l

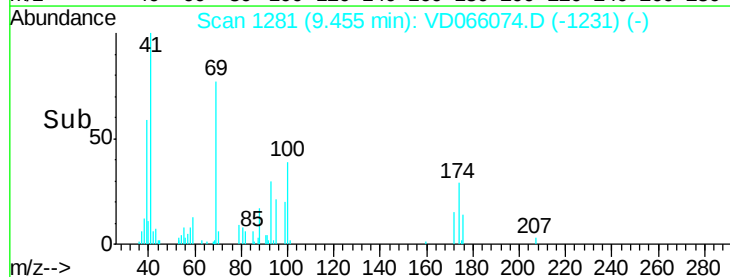
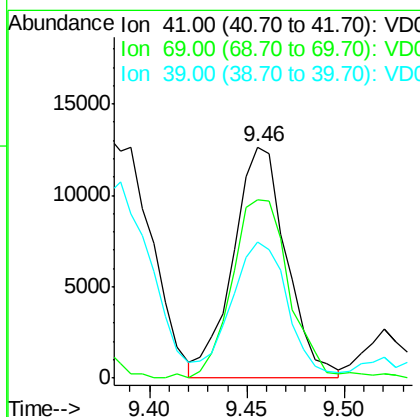
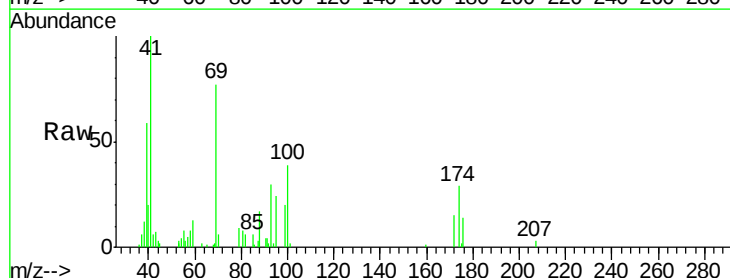
RT: 9.46 min Scan# 1281

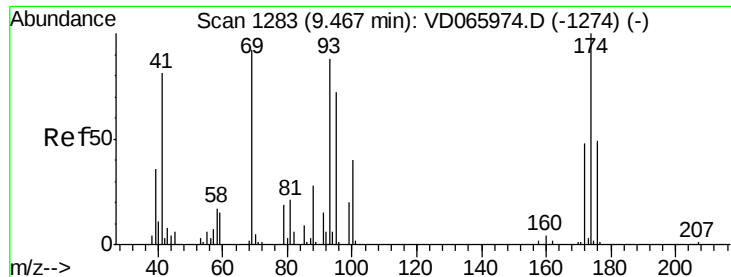
Delta R.T. -0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	41	Resp:	24039
Ion	Ratio	Lower	Upper
41	100		
69	83.2	65.1	97.7
39	56.9	41.5	62.3





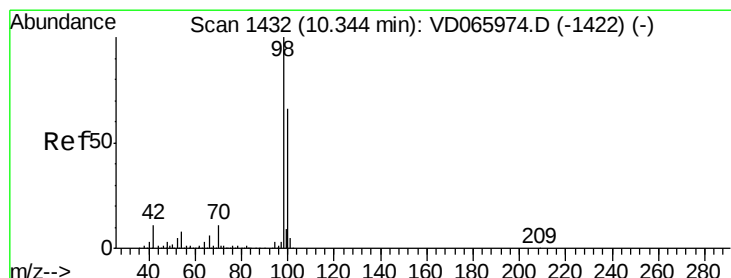
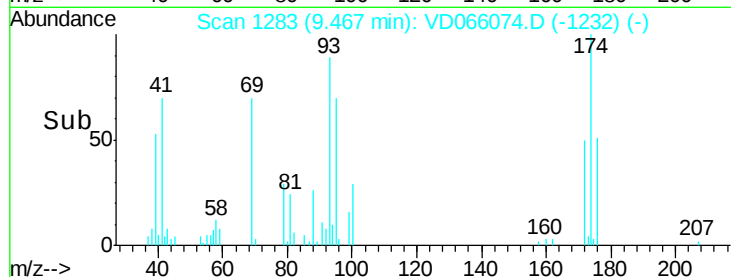
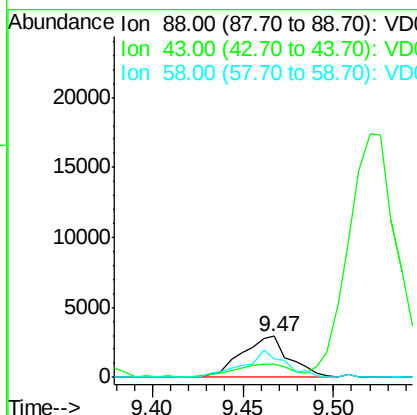
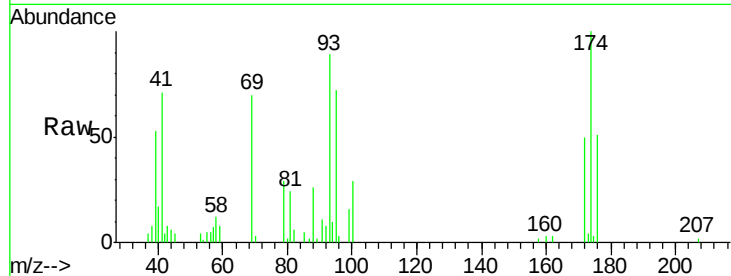
#49
1,4-Dioxane
Concen: 412.531 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.7	29.0	43.6
58	56.3	57.0	85.4

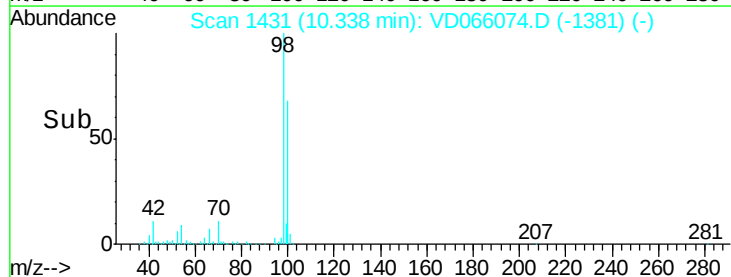
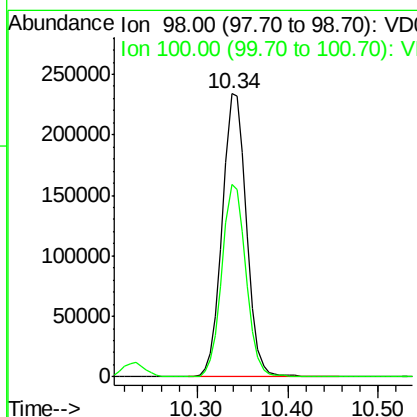
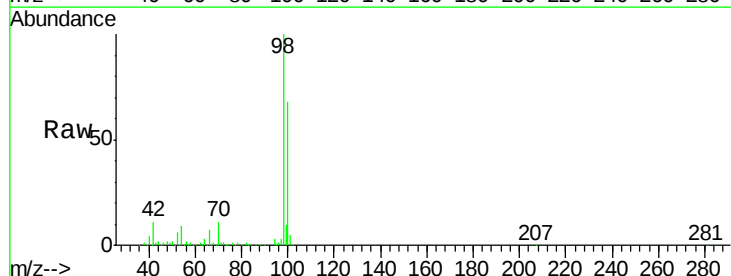
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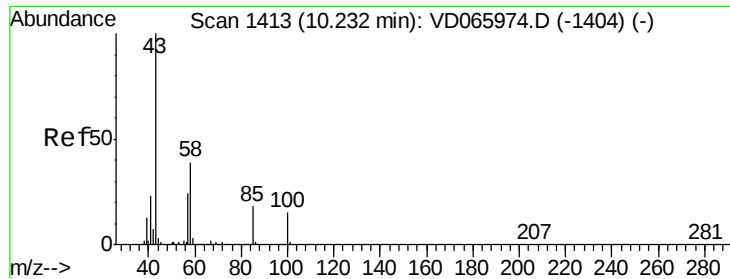
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#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.7	79.1





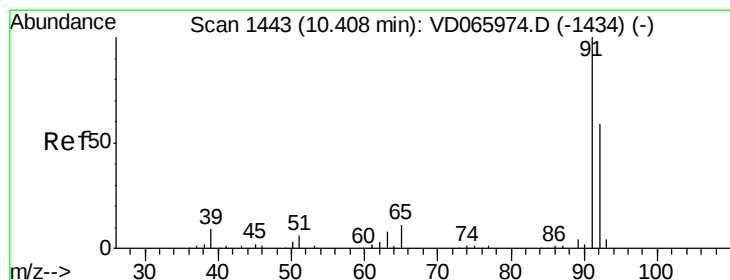
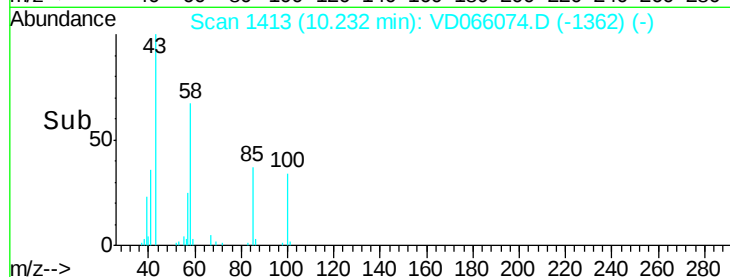
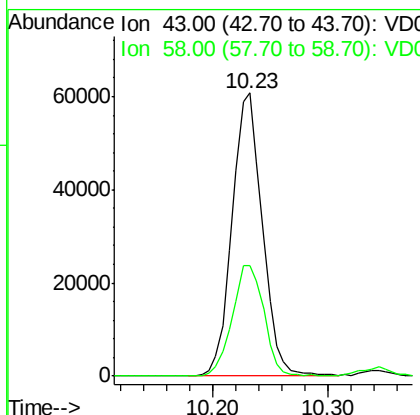
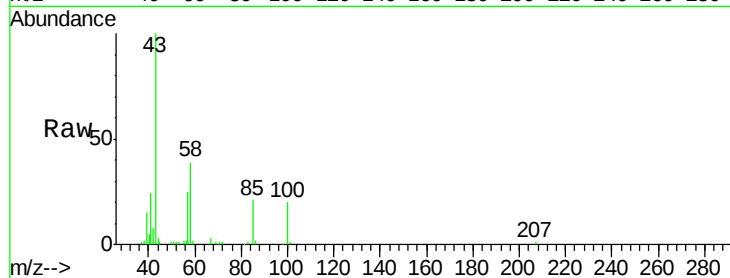
#51
4-Methyl-2-Pentanone
Concen: 94.292 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 43 Resp: 110257
Ion Ratio Lower Upper
43 100
58 41.1 31.3 46.9

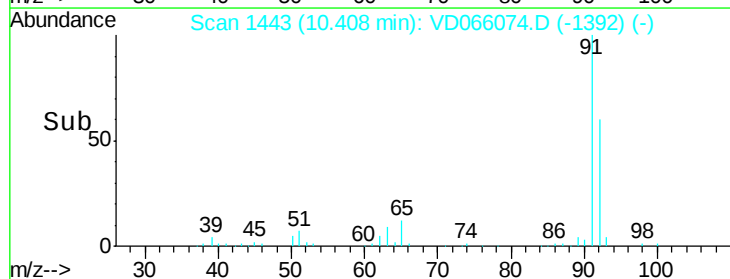
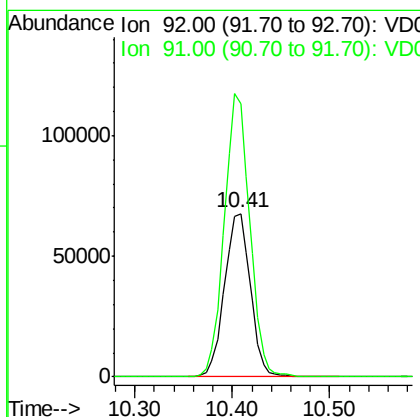
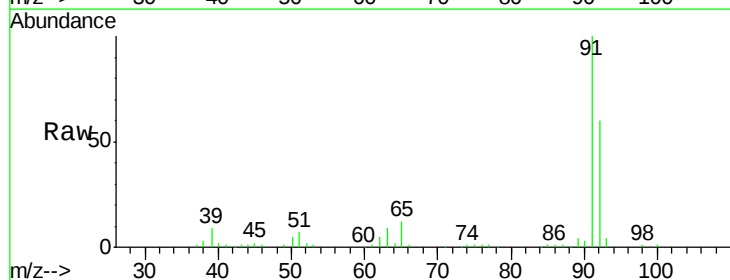
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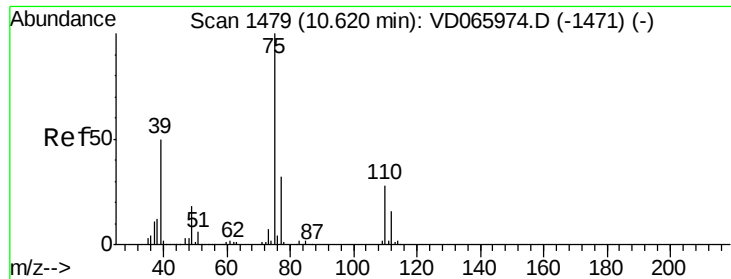
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#52
Toluene
Concen: 21.988 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 92 Resp: 124812
Ion Ratio Lower Upper
92 100
91 170.4 134.5 201.7





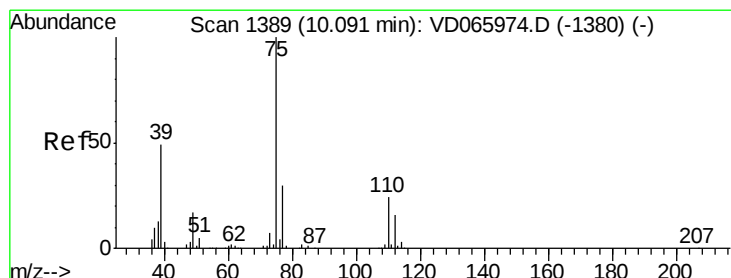
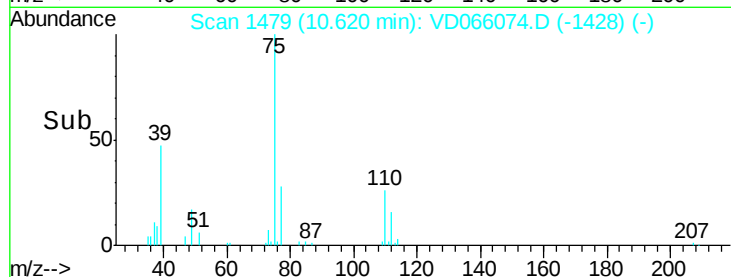
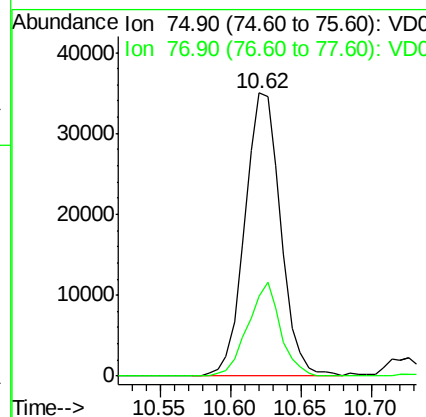
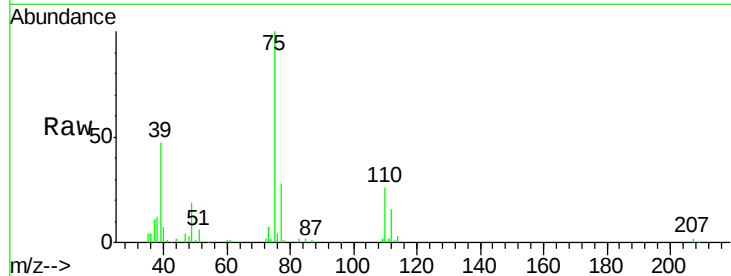
#53
 t-1,3-Dichloropropene
 Concen: 22.285 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 75 Resp: 62301
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.8 38.6

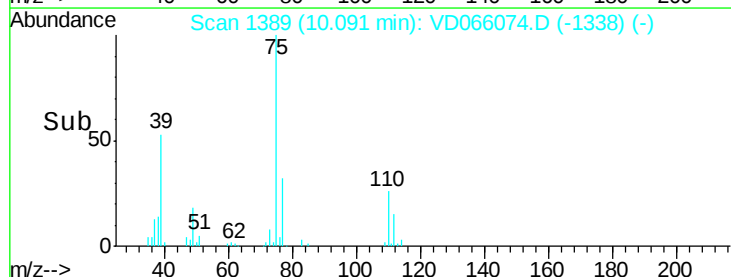
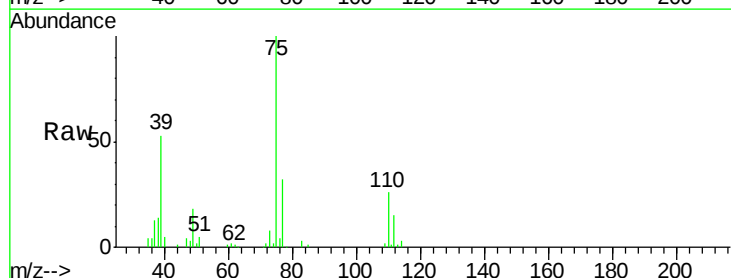
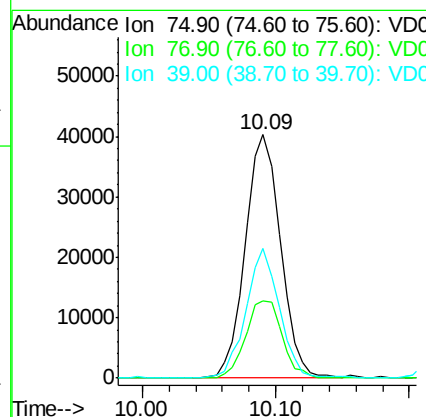
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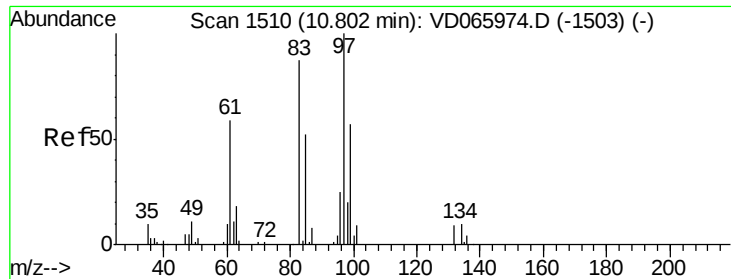
MMDadoda
 7/29/2020 7:05:55 PM



#54
 cis-1,3-Dichloropropene
 Concen: 21.727 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 75 Resp: 73629
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.8 35.8
 39 53.1 38.8 58.2





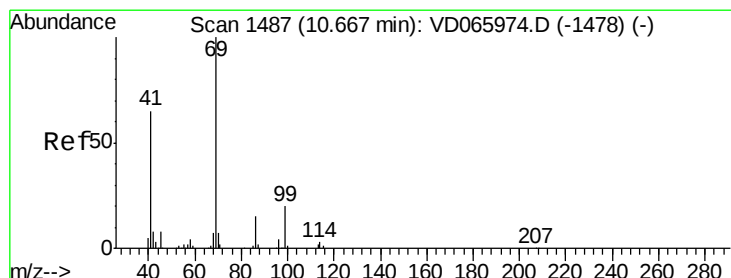
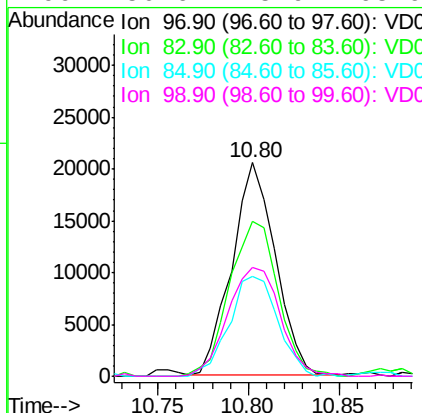
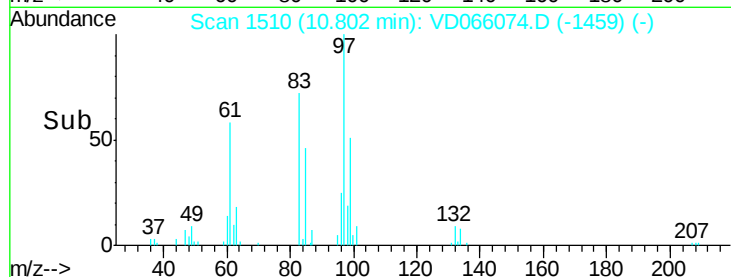
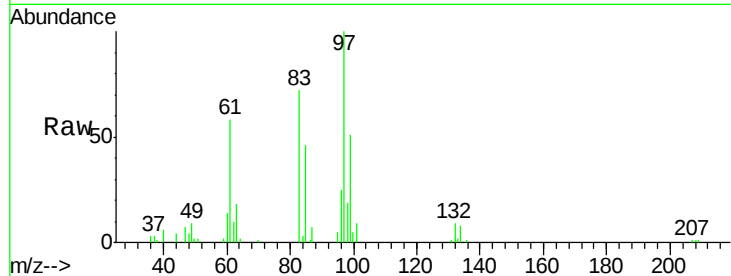
#55
 1,1,2-Trichloroethane
 Concen: 21.285 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.0	69.7	104.5
85	46.9	41.6	62.4
99	50.6	45.9	68.9

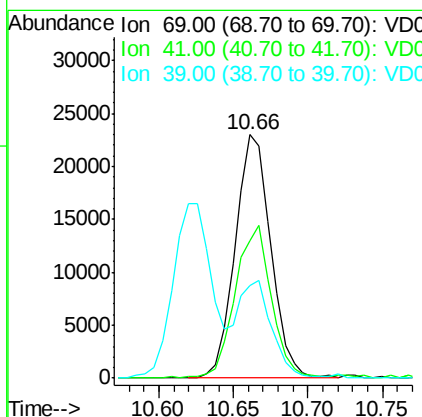
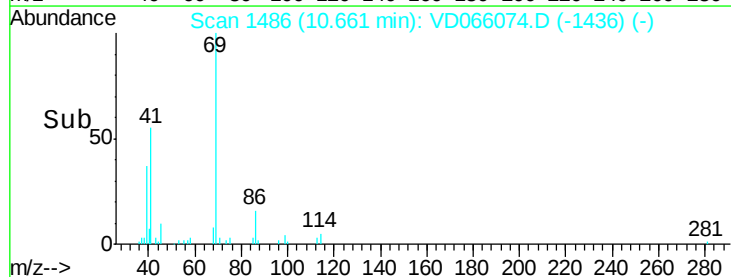
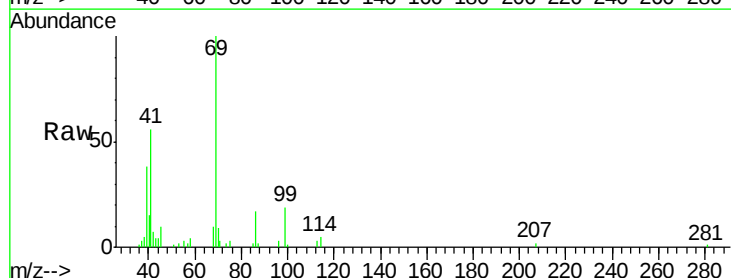
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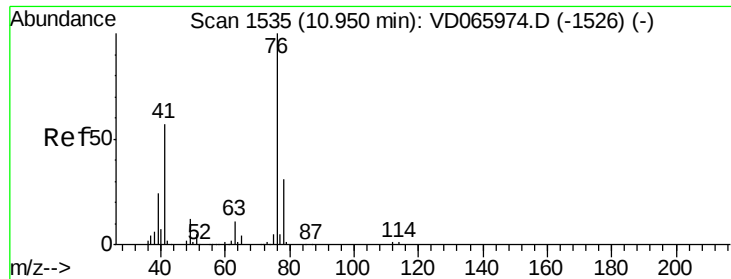
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#56
 Ethyl methacrylate
 Concen: 20.398 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.3	78.5
39	38.4	25.2	37.8#





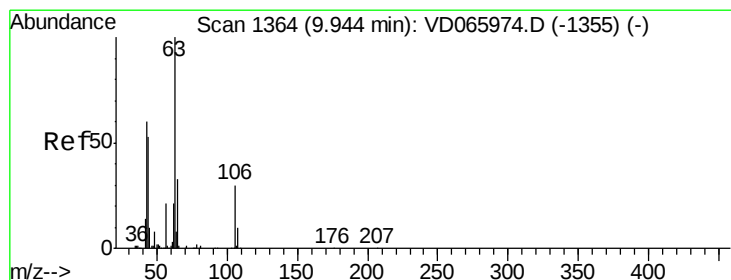
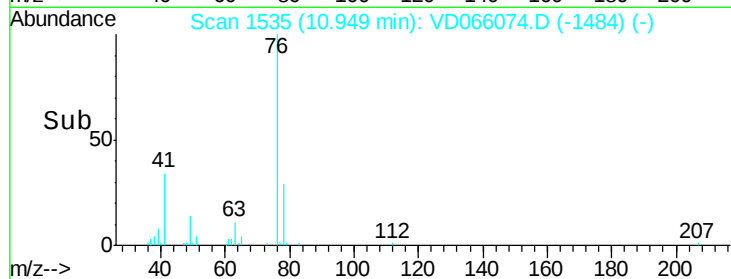
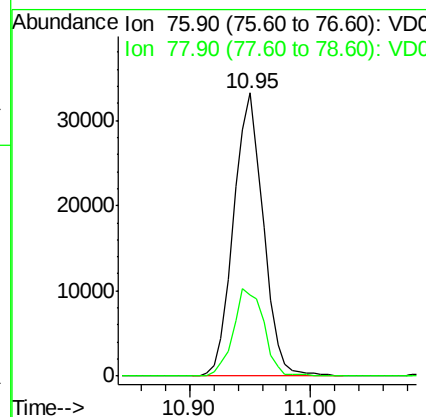
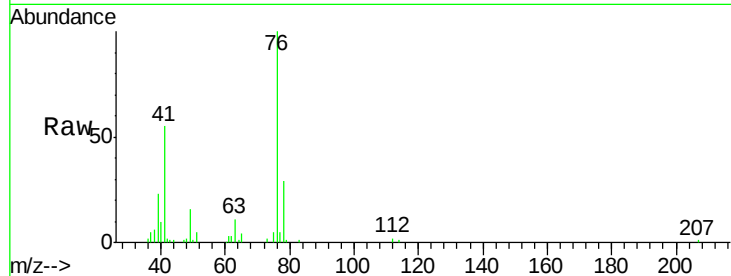
#57
 1,3-Dichloropropane
 Concen: 21.397 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 76 Resp: 57012
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4

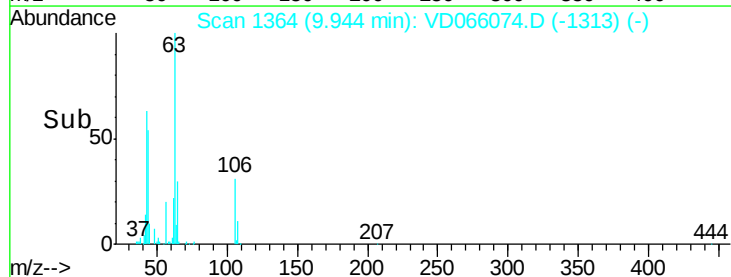
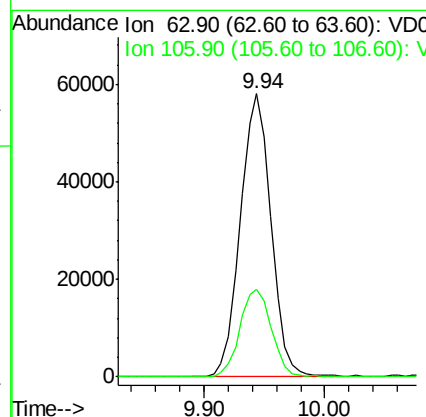
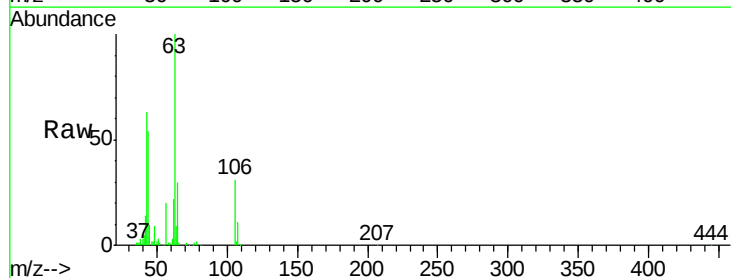
Manual Integrations
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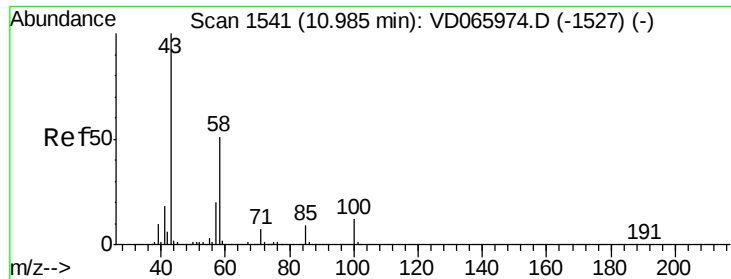
MMDadoda
 7/29/2020 7:05:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.057 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 63 Resp: 102854
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.4 36.6





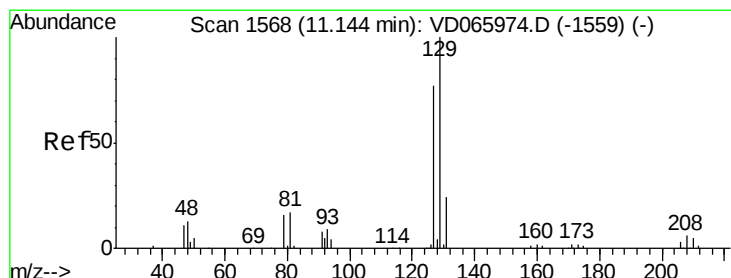
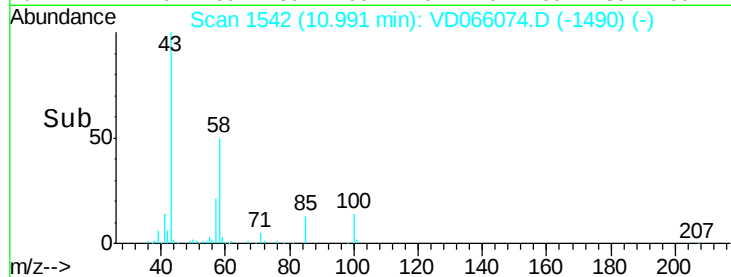
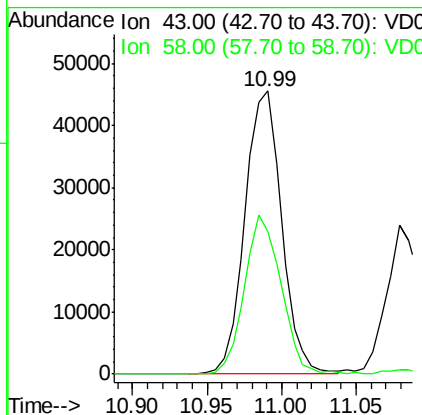
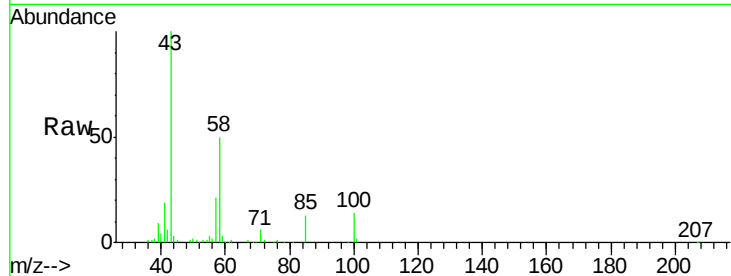
#59
2-Hexanone
Concen: 95.807 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 43 Resp: 77635
Ion Ratio Lower Upper
43 100
58 55.8 26.2 78.6

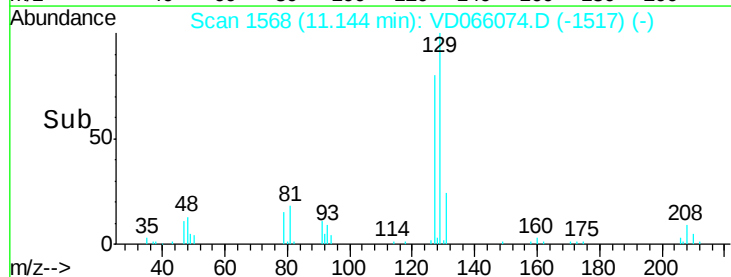
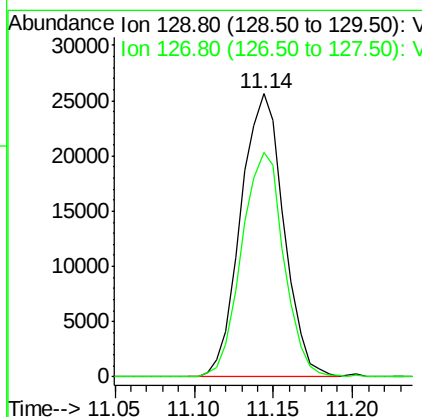
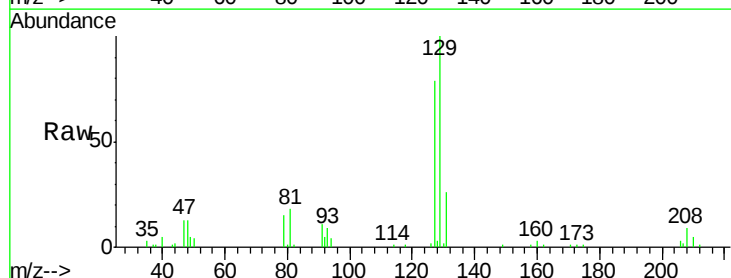
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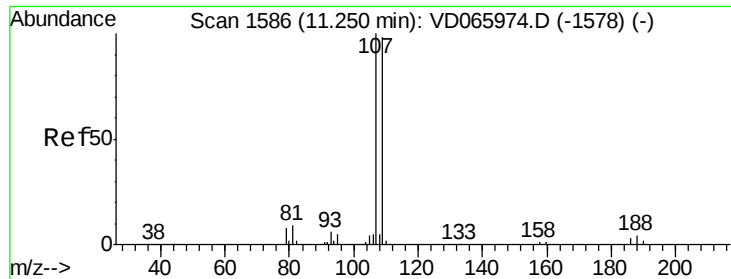
MMDadoda
7/29/2020 7:05:55 PM



#60
Dibromochloromethane
Concen: 22.257 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 129 Resp: 48301
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





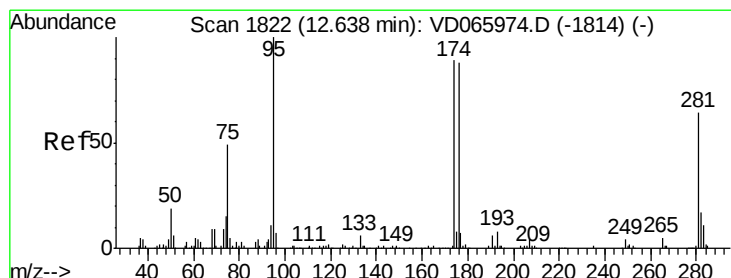
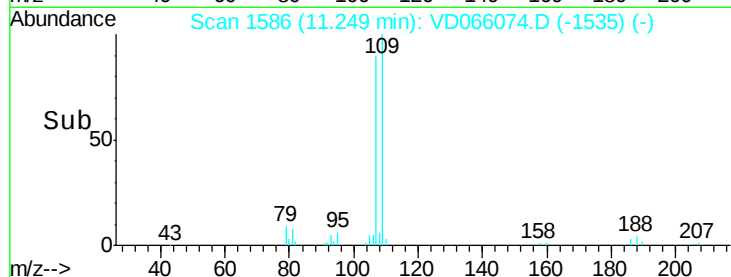
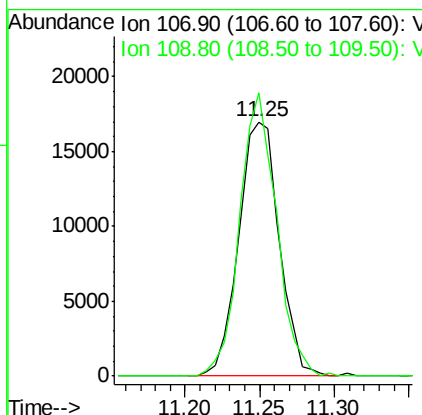
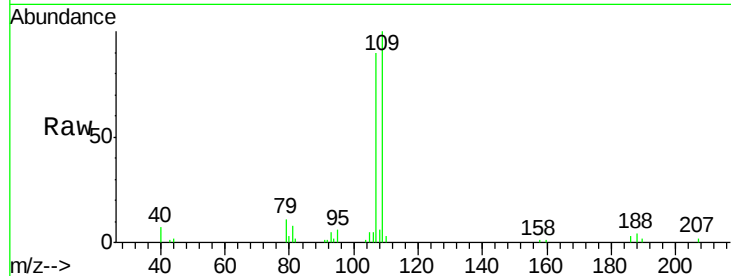
#61
 1,2-Dibromoethane
 Concen: 20.521 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 107 Resp: 31846
 Ion Ratio Lower Upper
 107 100
 109 101.5 75.0 112.4

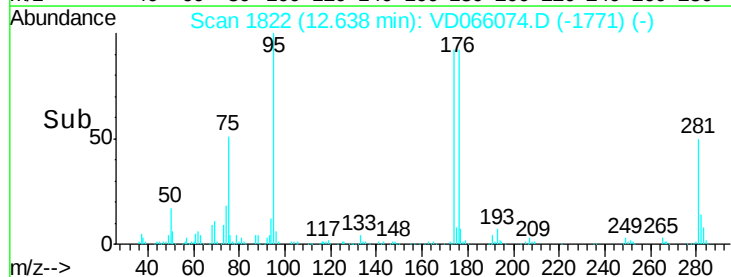
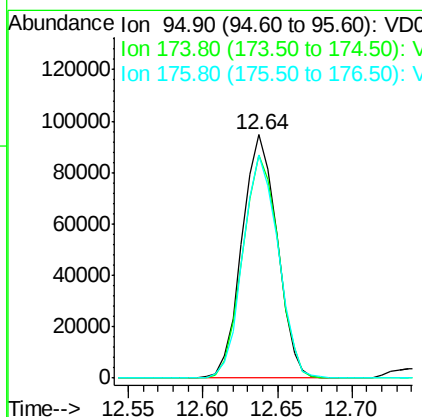
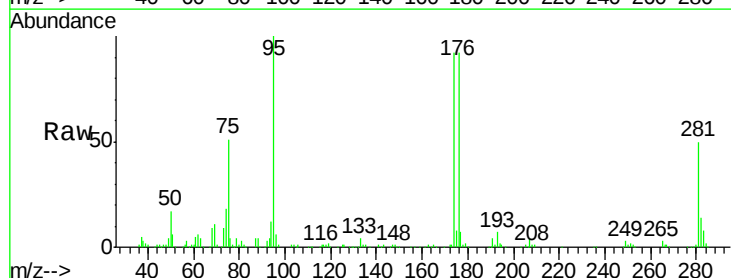
Manual Integrations
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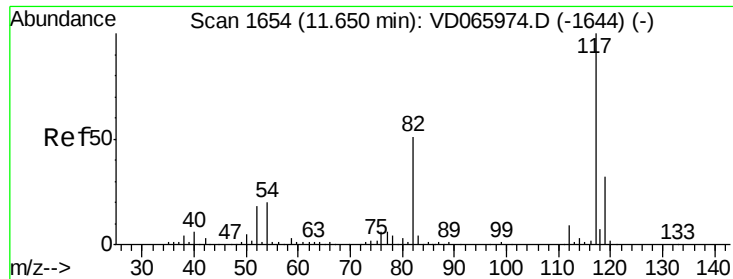
MMDadoda
 7/29/2020 7:05:55 PM



#62
 4-Bromofluorobenzene
 Concen: 54.260 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion: 95 Resp: 154974
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 178.8
 176 91.3 0.0 172.6





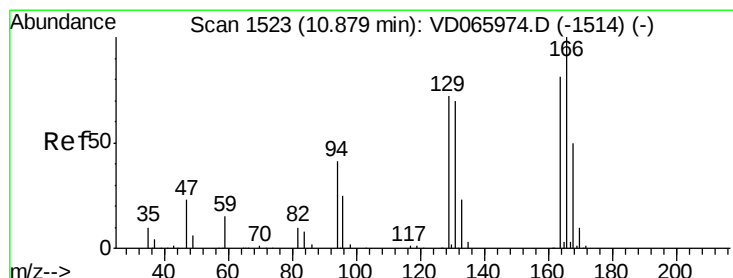
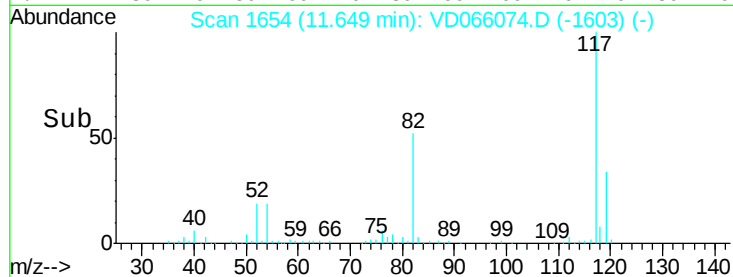
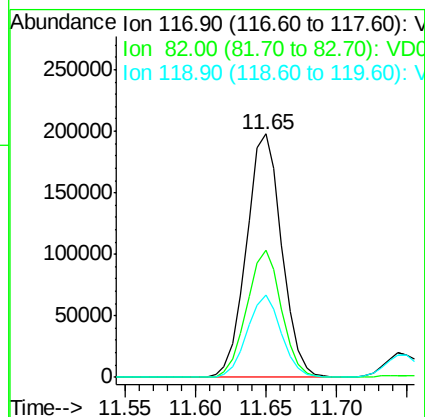
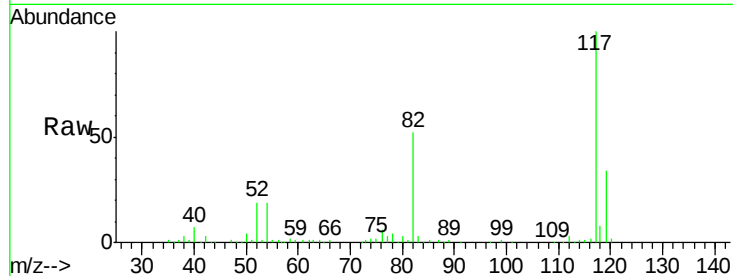
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	346221		
82	52.4	41.1	61.7	
119	33.6	25.9	38.9	

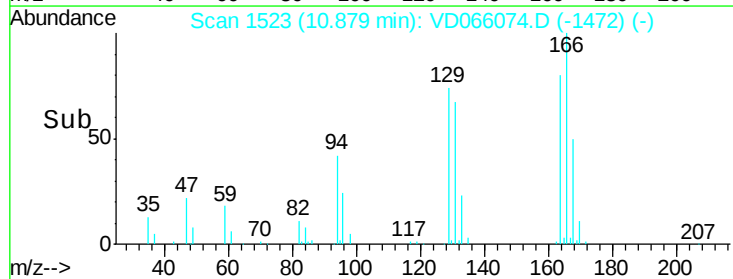
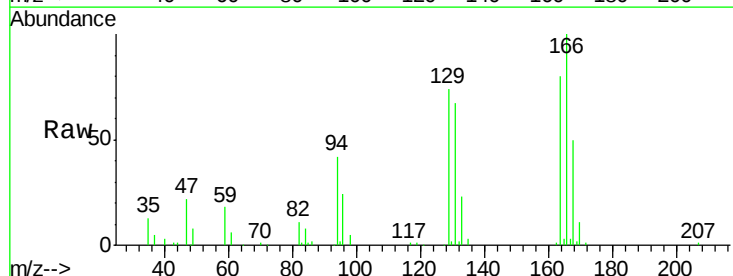
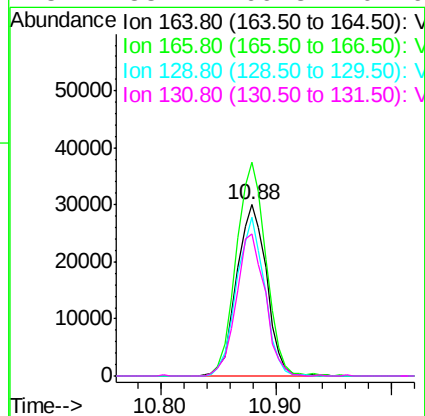
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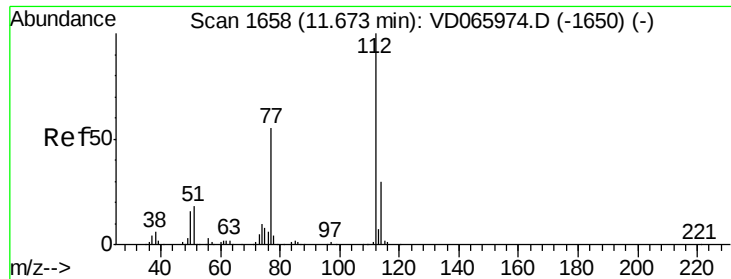
MMDadoda
7/29/2020 7:05:55 PM



#64
Tetrachloroethene
Concen: 22.913 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53843		
166	124.8	99.1	148.7	
129	92.4	71.5	107.3	
131	83.1	69.8	104.6	





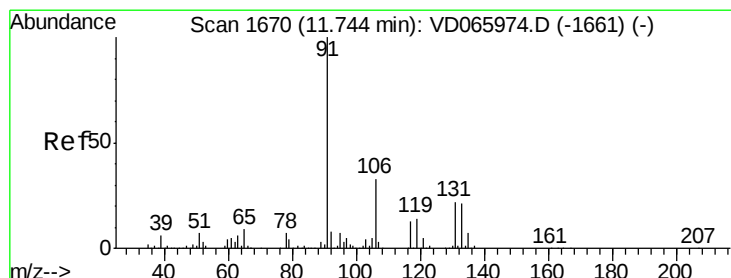
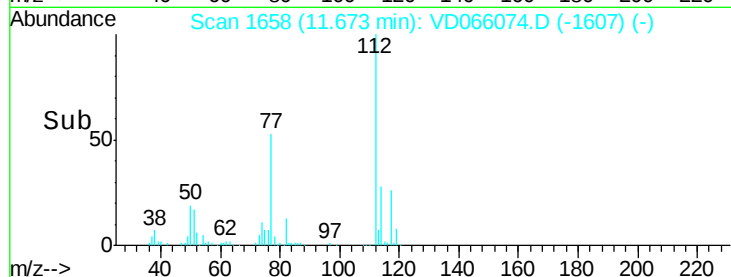
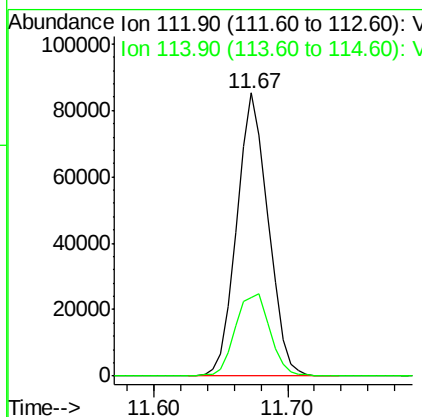
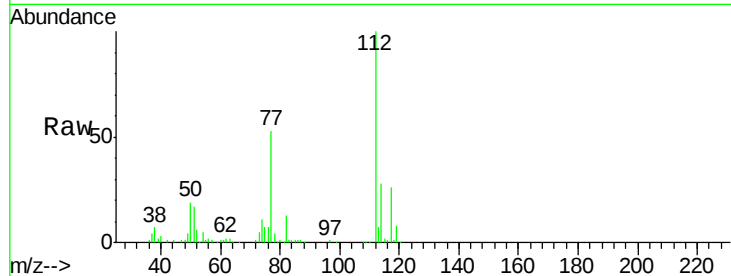
#65
Chlorobenzene
Concen: 21.949 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion:112 Resp: 139140
Ion Ratio Lower Upper
112 100
114 28.0 24.4 36.6

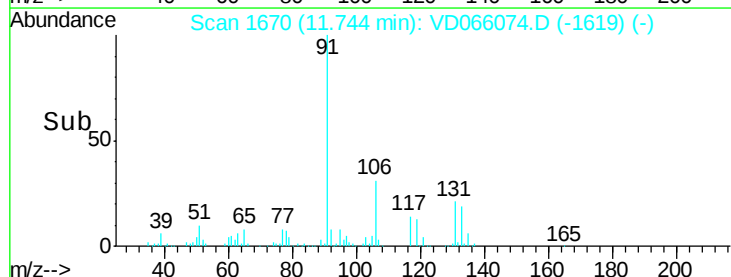
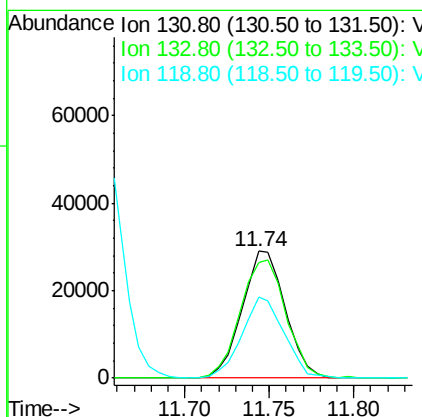
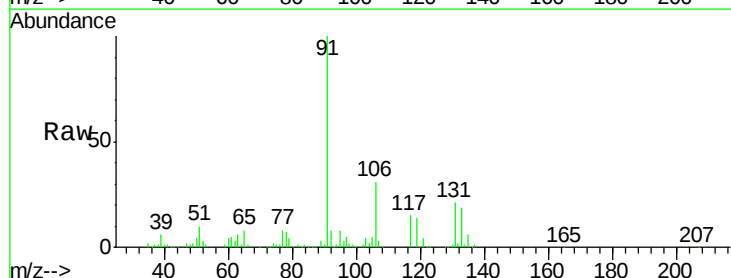
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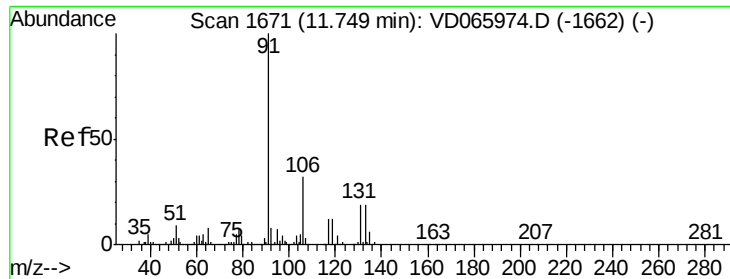
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.027 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:131 Resp: 51559
Ion Ratio Lower Upper
131 100
133 99.0 47.3 142.0
119 62.7 31.7 95.1





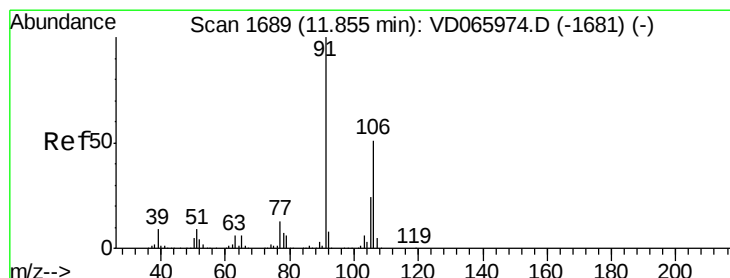
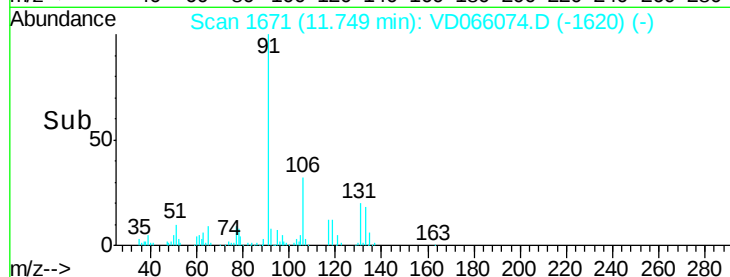
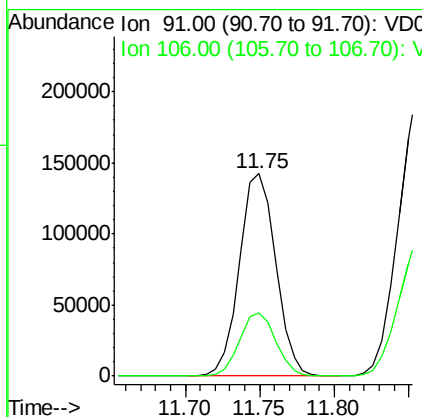
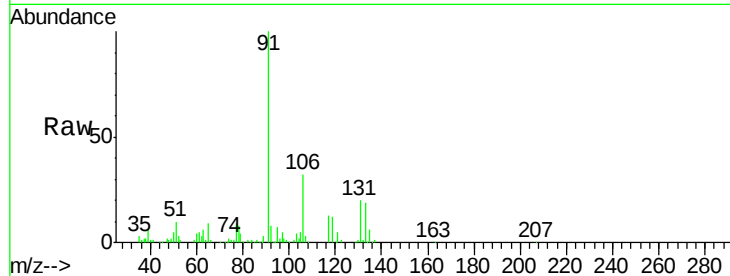
#67
Ethyl Benzene
Concen: 22.120 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 91 Resp: 241307
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

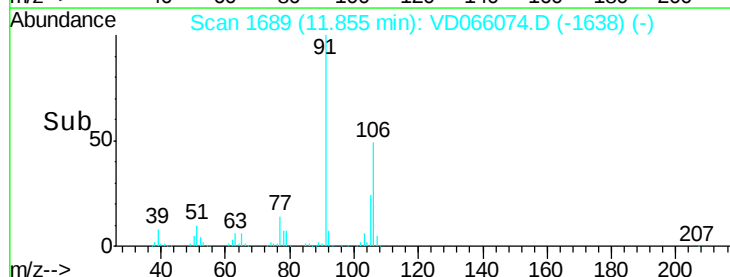
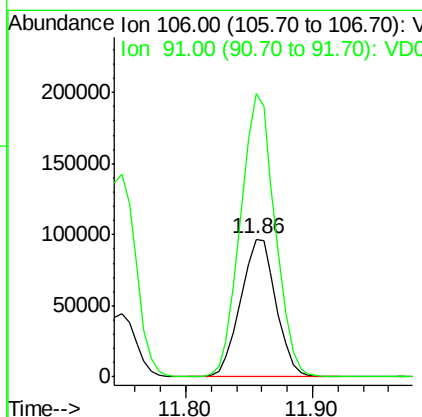
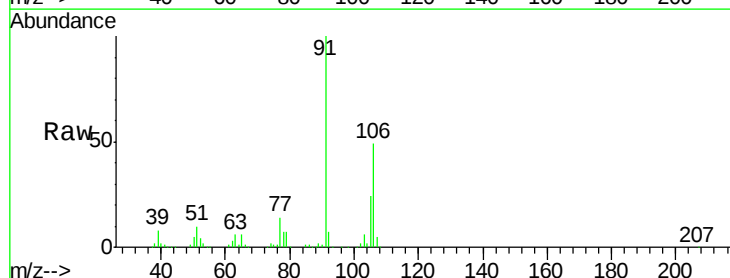
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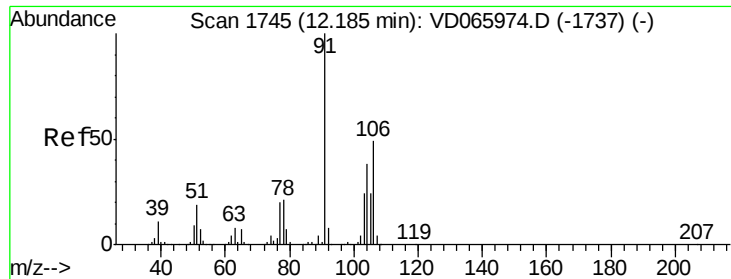
MMDadoda
7/29/2020 7:05:55 PM



#68
m/p-Xylenes
Concen: 44.718 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion: 106 Resp: 187502
Ion Ratio Lower Upper
106 100
91 200.7 157.0 235.6





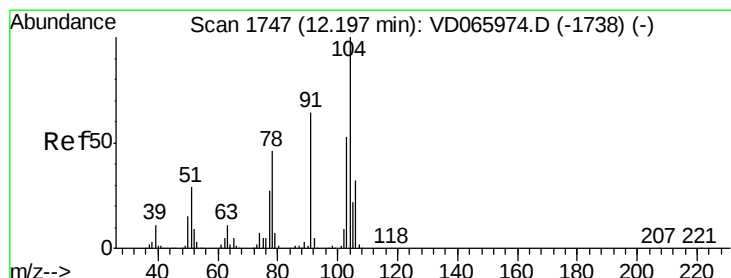
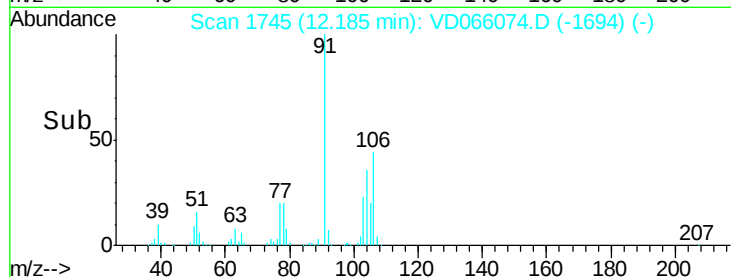
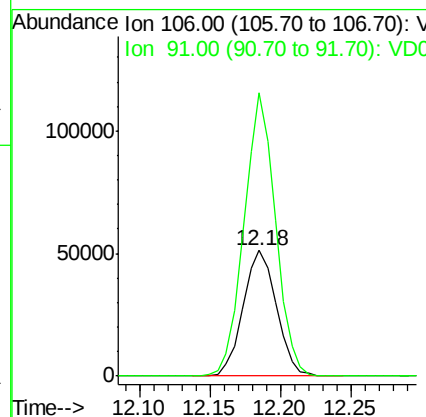
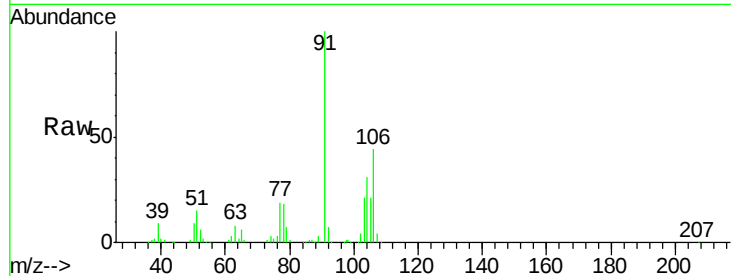
#69
o-Xylene
Concen: 22.285 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion:106 Resp: 84987
Ion Ratio Lower Upper
106 100
91 211.7 103.1 309.3

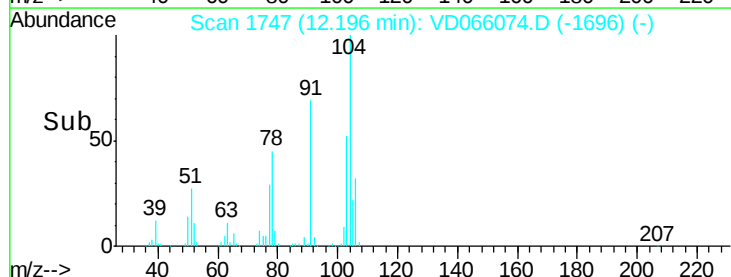
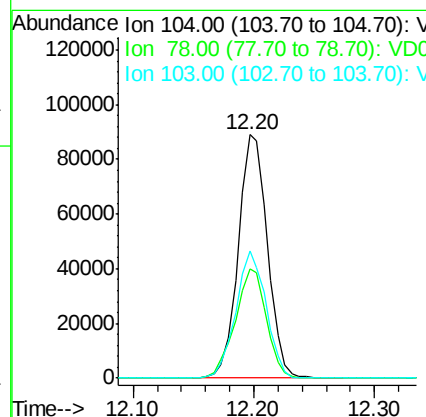
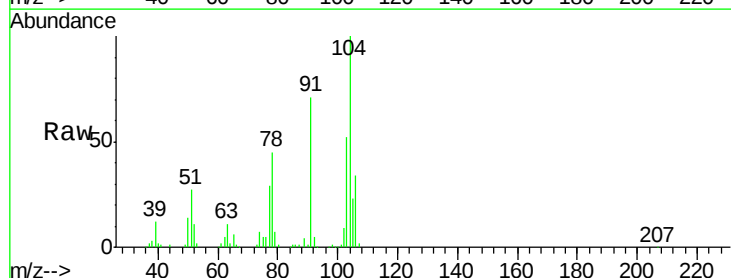
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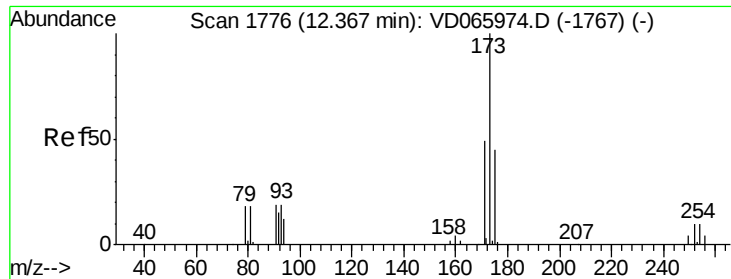
MMDadoda
7/29/2020 7:05:55 PM



#70
Styrene
Concen: 22.783 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion:104 Resp: 149289
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 54.3 43.8 65.8





#71

Bromoform

Concen: 21.744 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

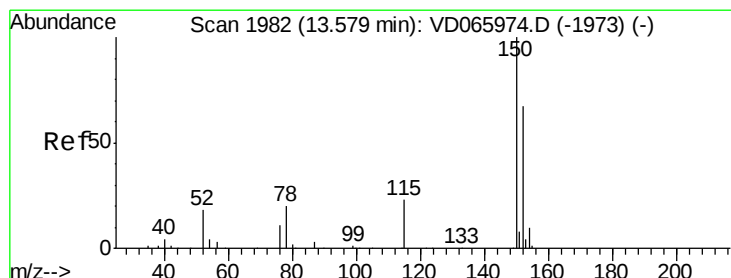
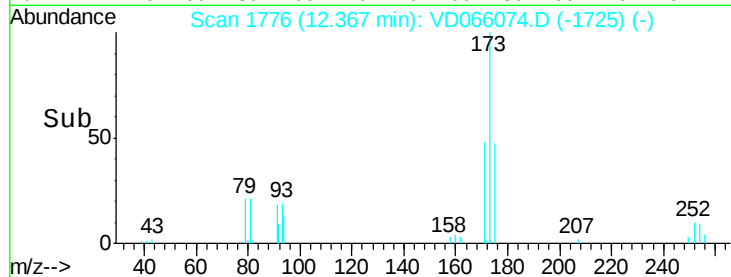
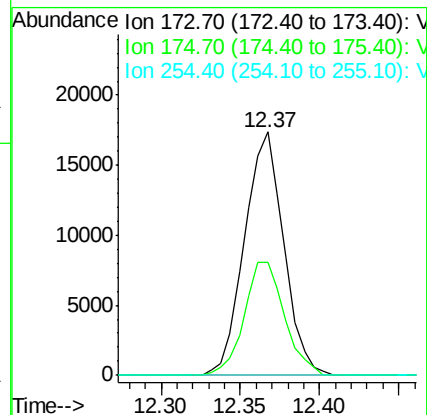
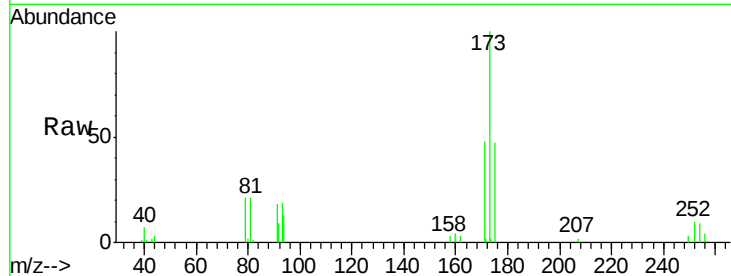
ClientSampleId :

VD0728SBS01

Tgt Ion:	173	Resp:	29813
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.3
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

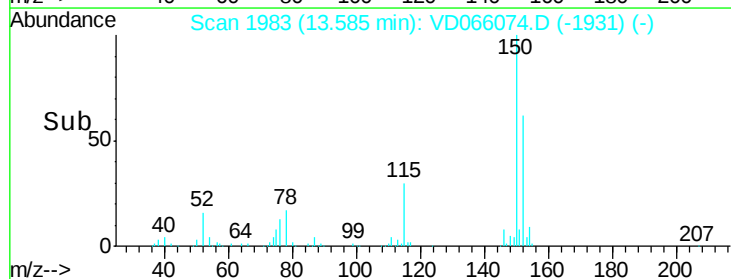
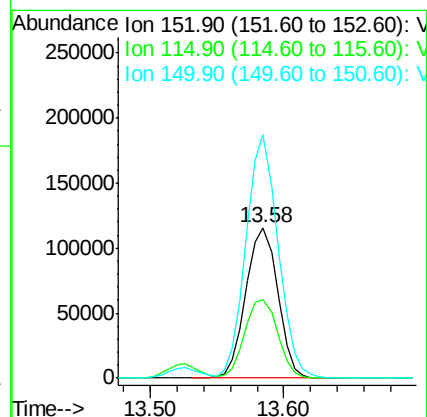
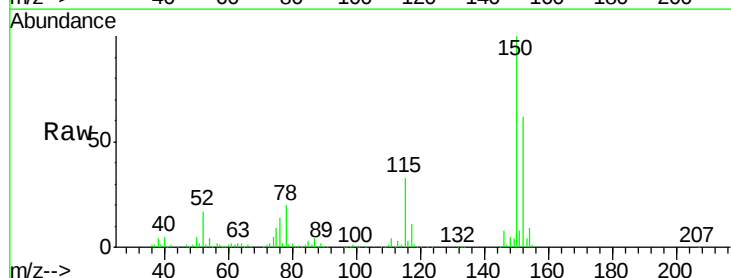
RT: 13.58 min Scan# 1983

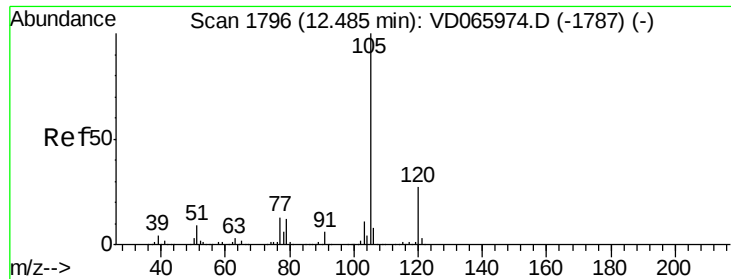
Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	152	Resp:	191826
Ion Ratio	Lower	Upper	
152	100		
115	54.2	27.9	83.7
150	162.0	0.0	348.2





#73

Isopropylbenzene

Concen: 20.814 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 105 Resp: 241593

Ion Ratio Lower Upper

105 100

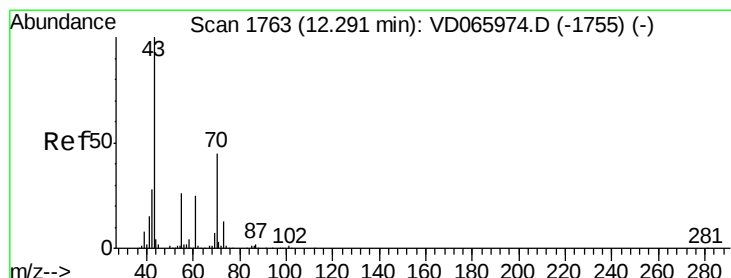
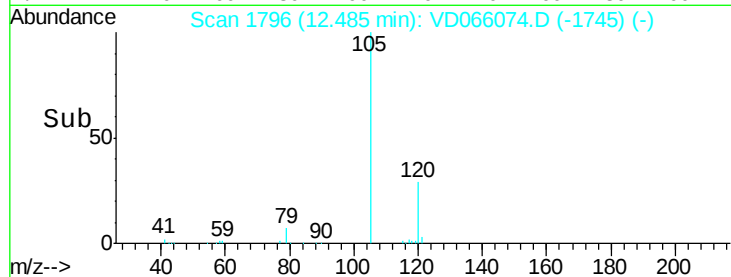
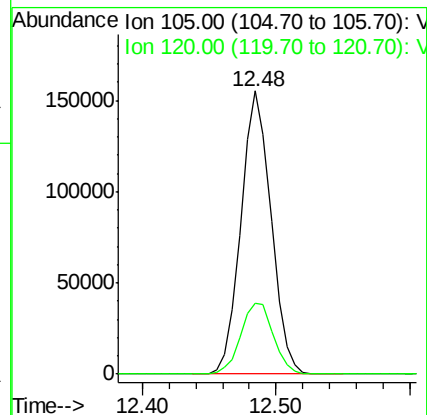
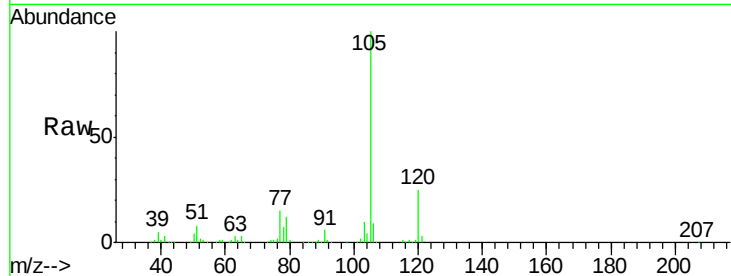
120 27.2 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.825 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion: 43 Resp: 42899

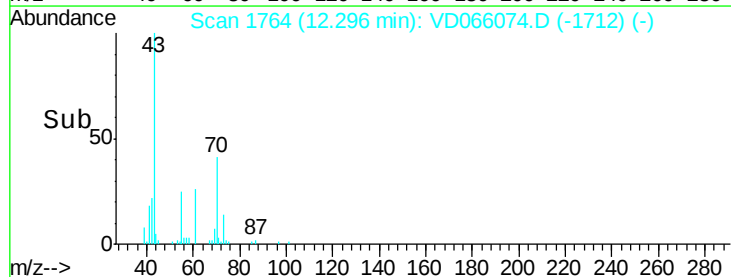
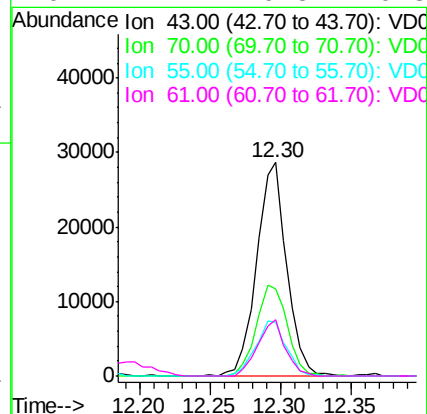
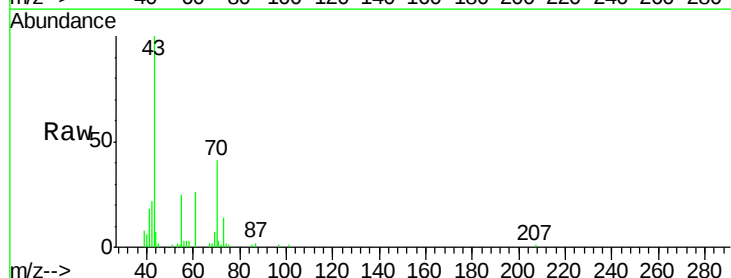
Ion Ratio Lower Upper

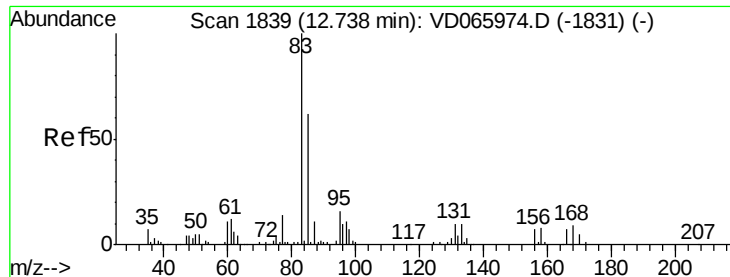
43 100

70 43.9 34.6 51.8

55 26.2 20.3 30.5

61 24.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.626 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

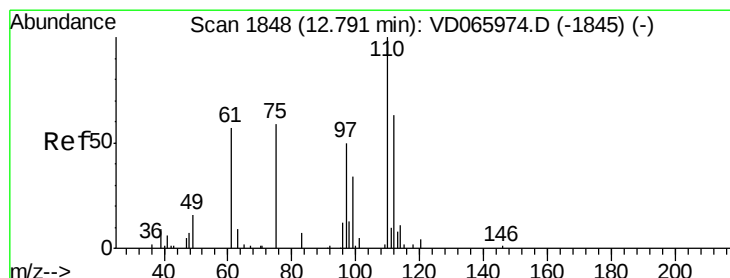
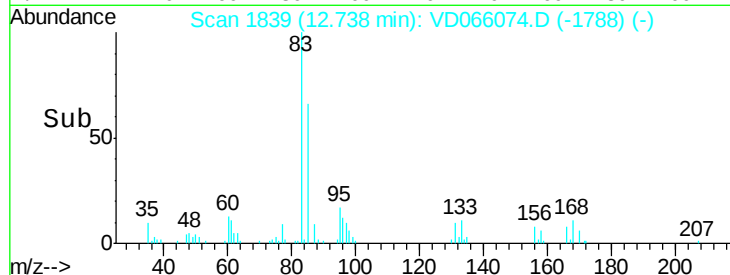
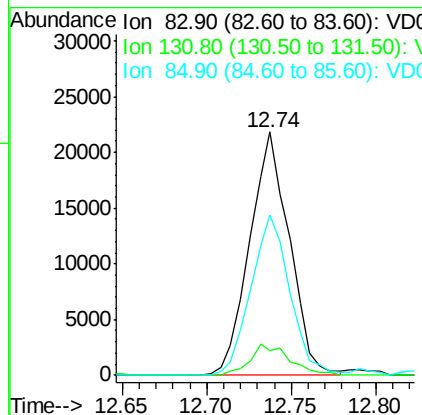
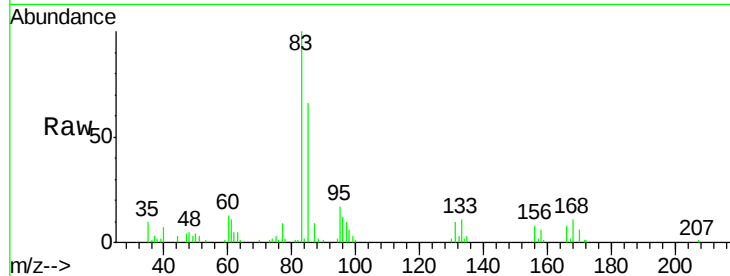
ClientSampleId :

VD0728SBS01

Tgt Ion:	83	Resp:	35729
Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.7	17.1
85	64.7	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 18.967 ug/l m

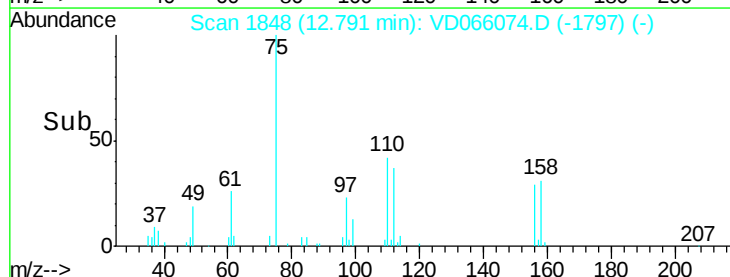
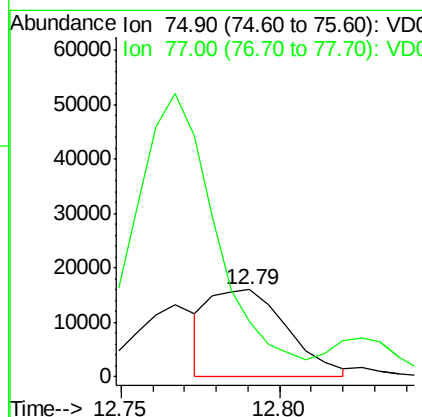
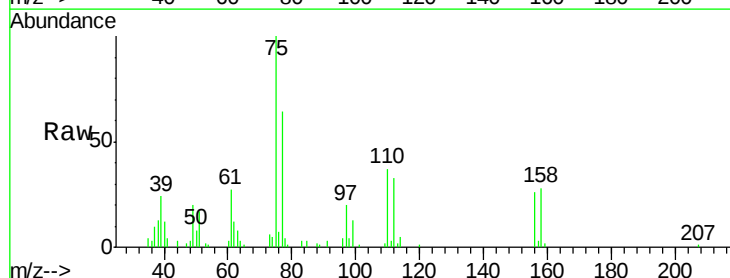
RT: 12.79 min Scan# 1848

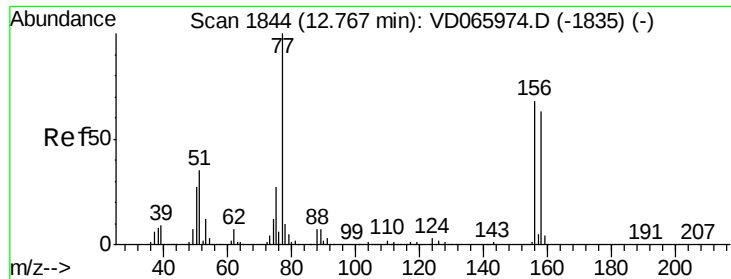
Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	75	Resp:	27395
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.776 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

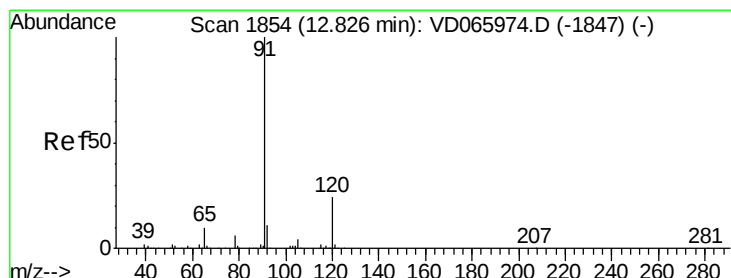
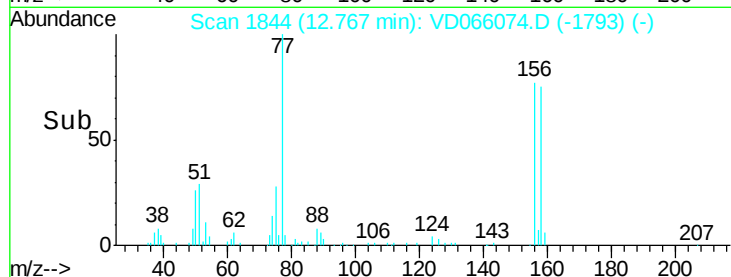
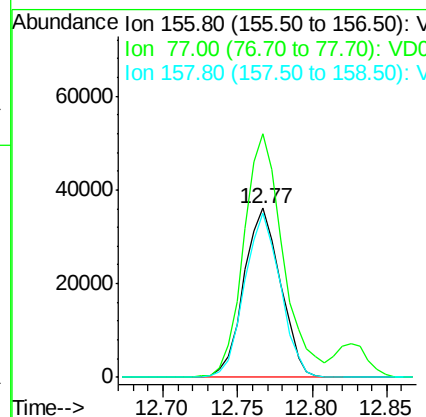
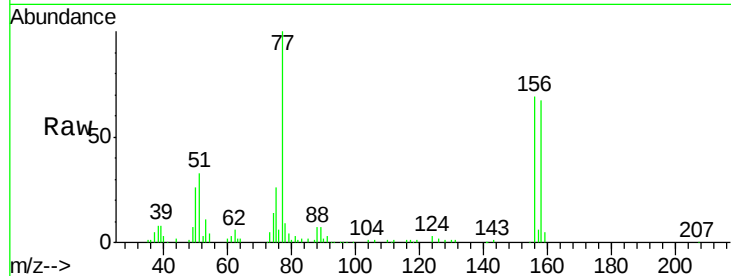
ClientSampleId :

VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	154.2	83.0	249.0
158	94.6	48.2	144.6

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#78

n-propylbenzene

Concen: 21.370 ug/l

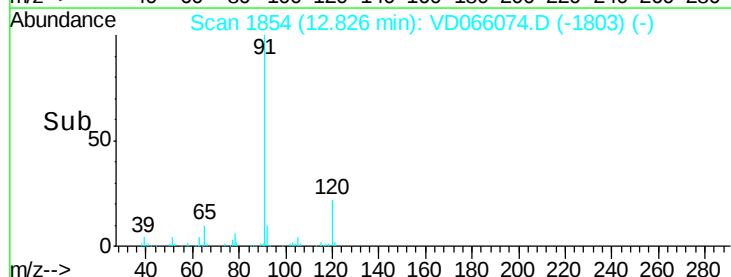
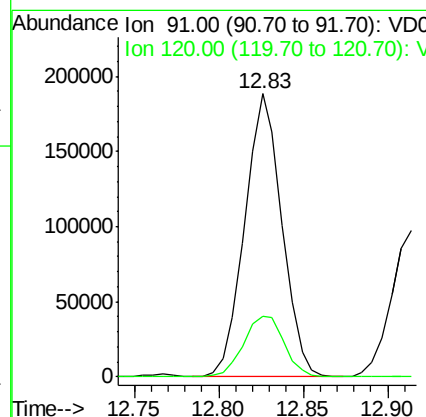
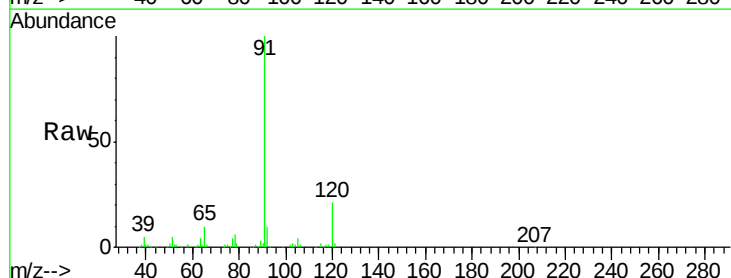
RT: 12.83 min Scan# 1854

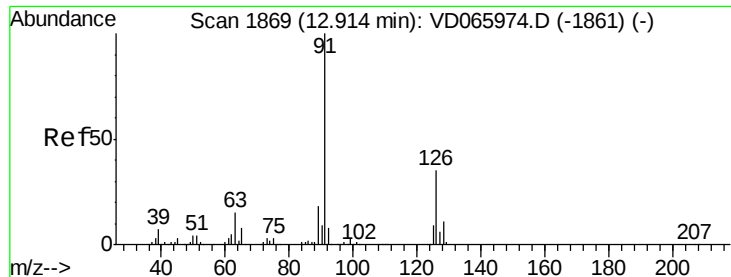
Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.529 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 91 Resp: 157970

Ion Ratio Lower Upper

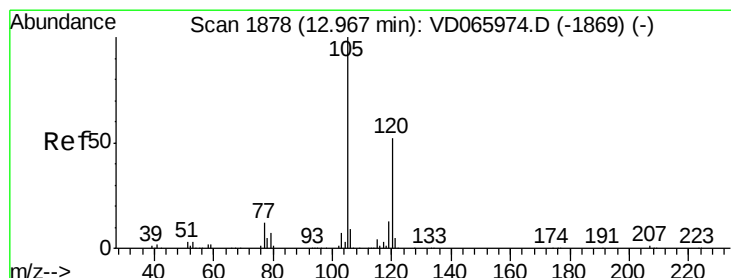
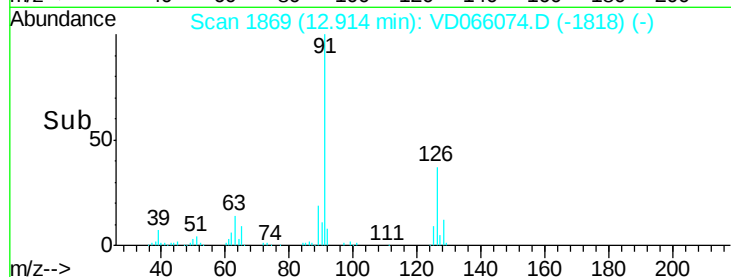
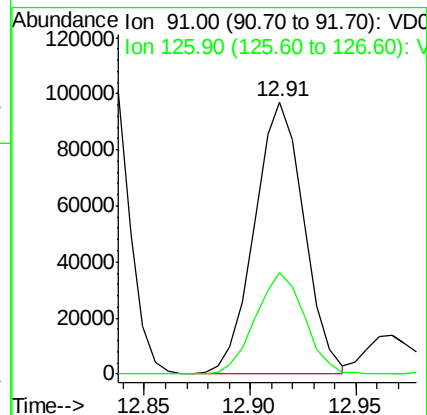
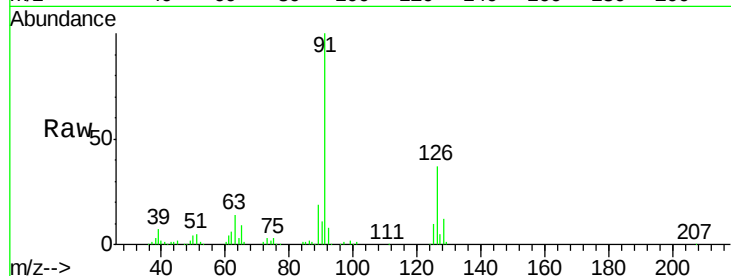
91 100

126 36.9 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 21.525 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066074.D

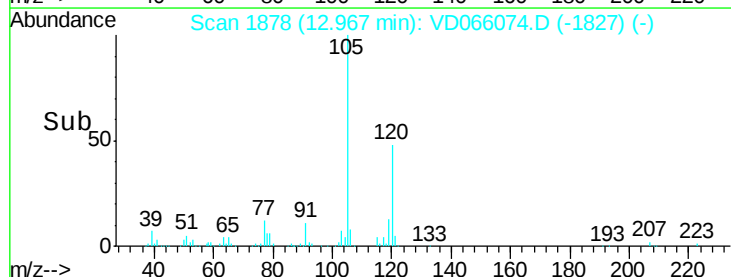
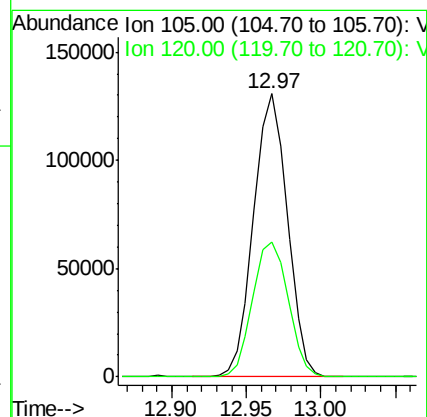
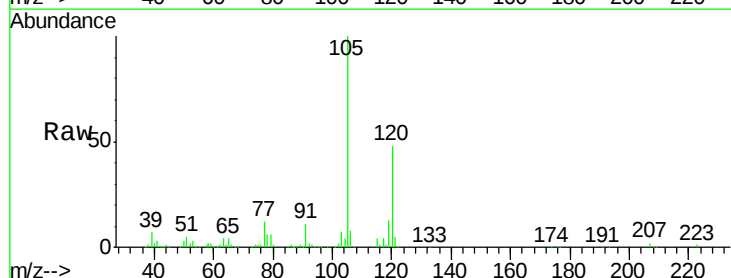
Acq: 28 Jul 2020 12:22

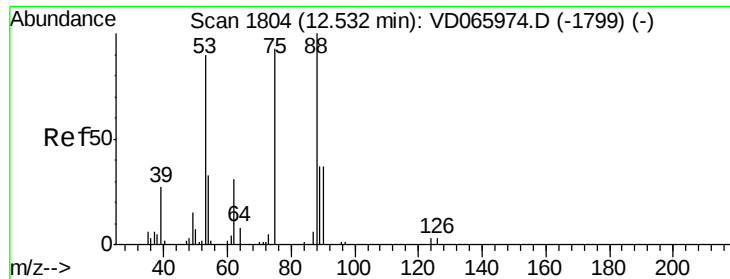
Tgt Ion: 105 Resp: 205266

Ion Ratio Lower Upper

105 100

120 50.2 25.6 76.6





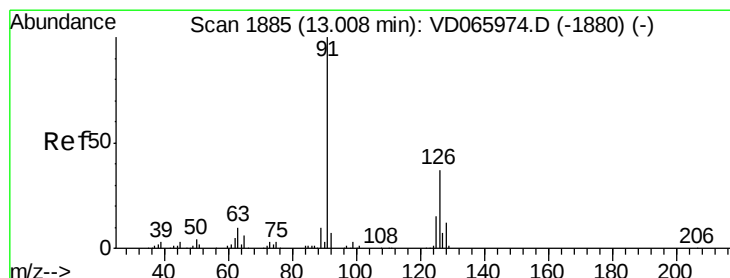
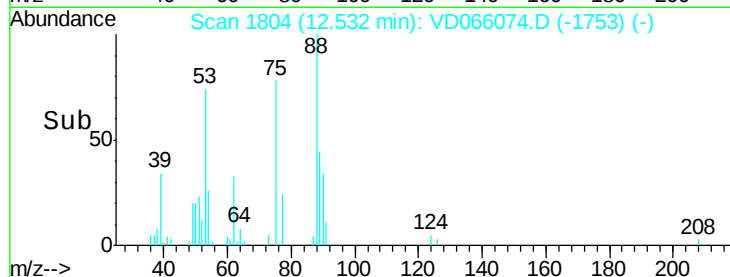
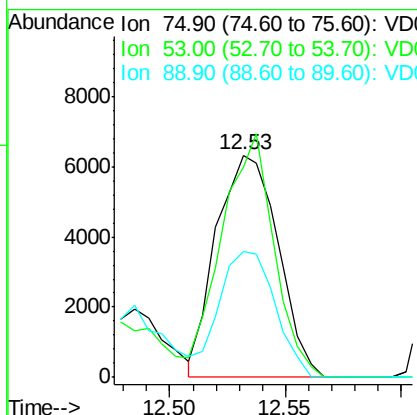
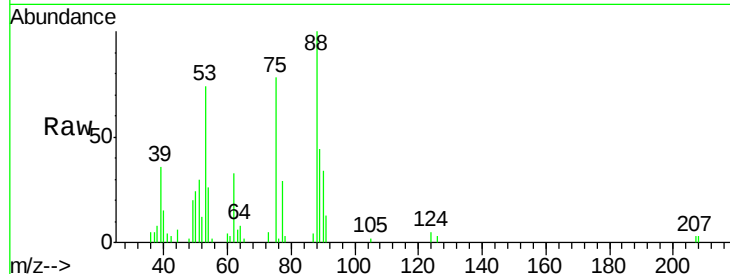
#81
trans-1,4-Dichloro-2-butene
Concen: 18.683 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.6	76.8	115.2
89	51.7	37.0	55.4

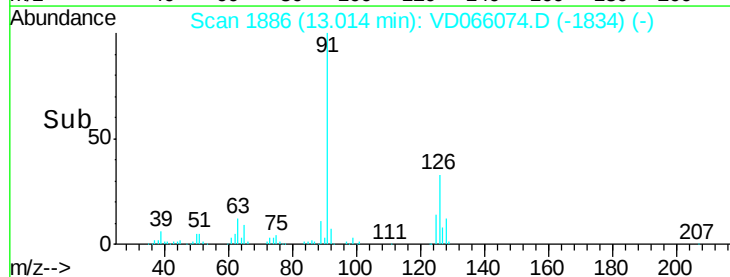
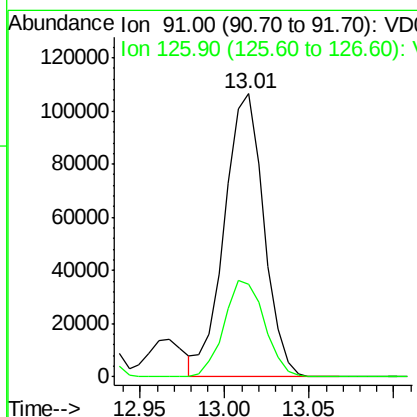
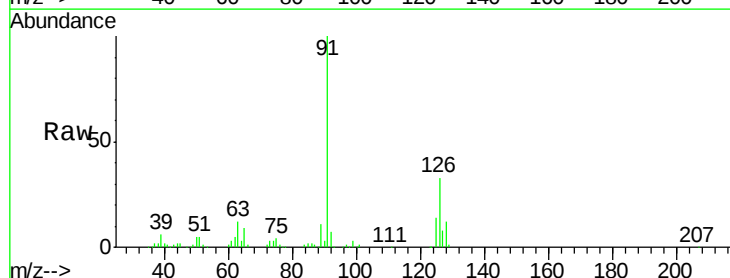
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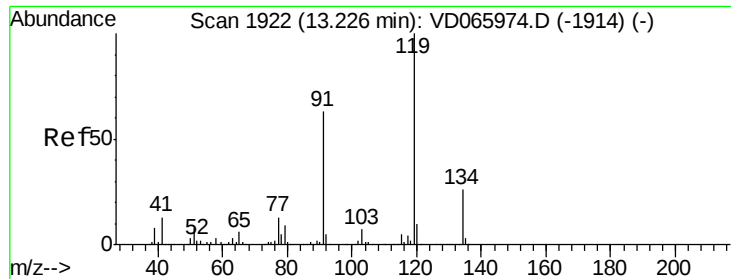
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#82
4-Chlorotoluene
Concen: 21.321 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.8	53.5





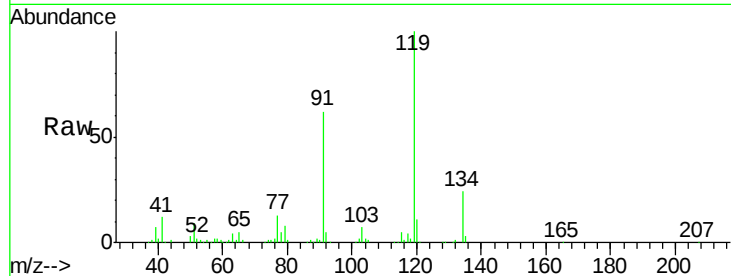
#83
 tert-Butylbenzene
 Concen: 20.954 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

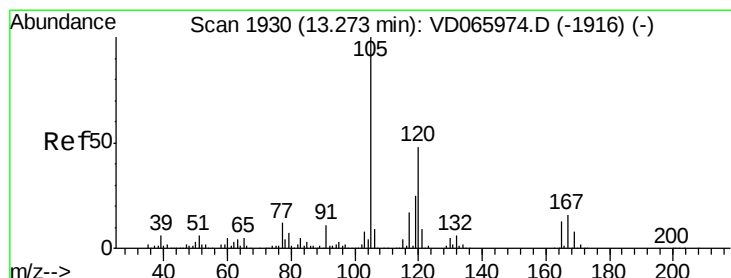
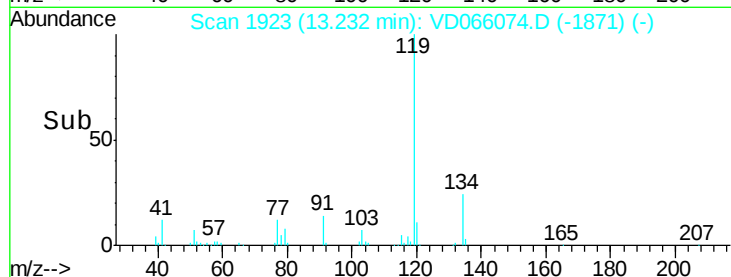
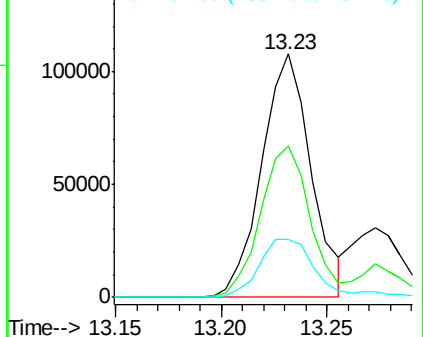
Tgt Ion	Ratio	Resp	Lower	Upper
119	100	174856		
91	62.3	30.6	91.6	
134	28.2	13.9	41.7	

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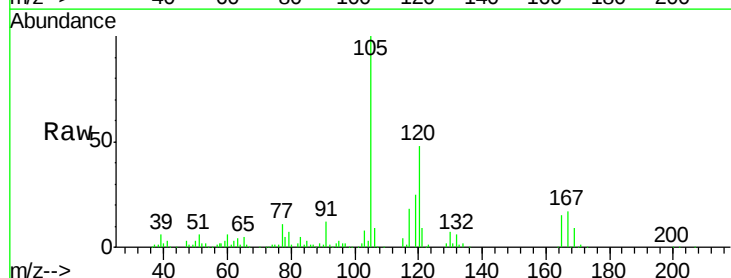


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

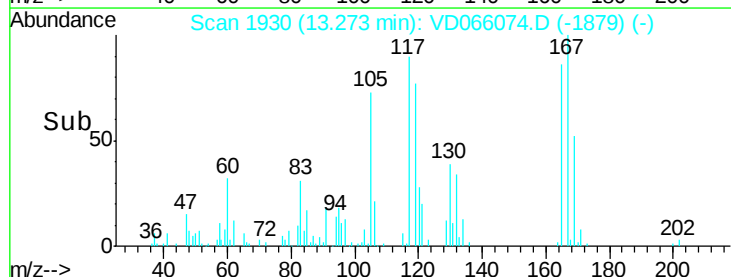
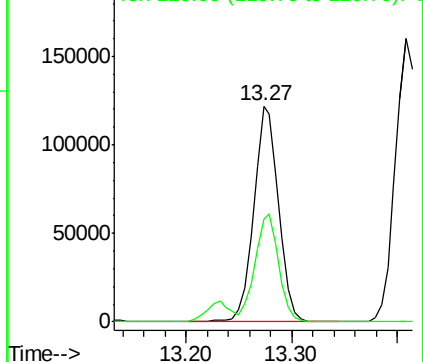


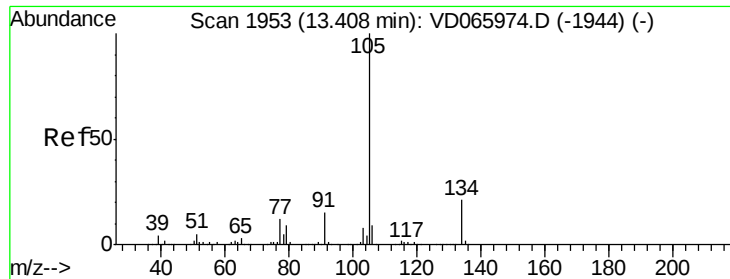
#84
 1,2,4-Trimethylbenzene
 Concen: 21.150 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198988		
120	47.9	23.9	71.8	



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





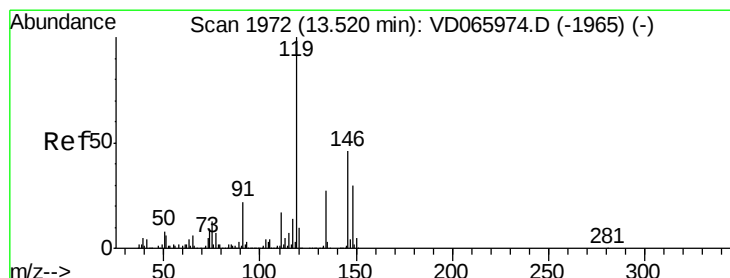
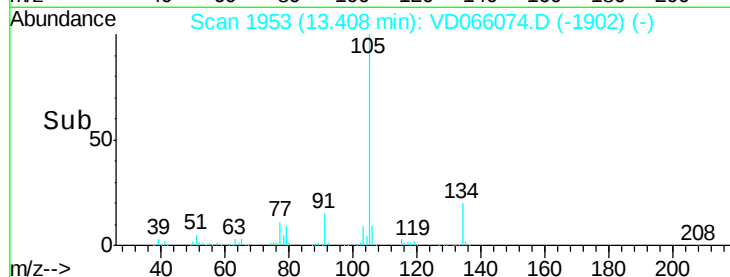
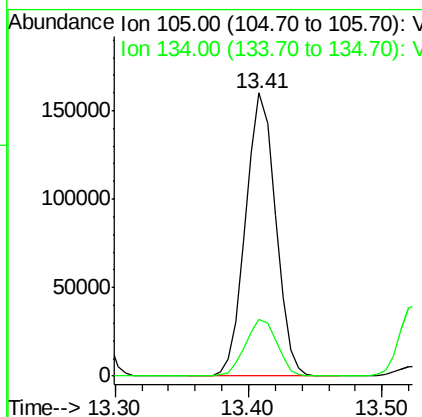
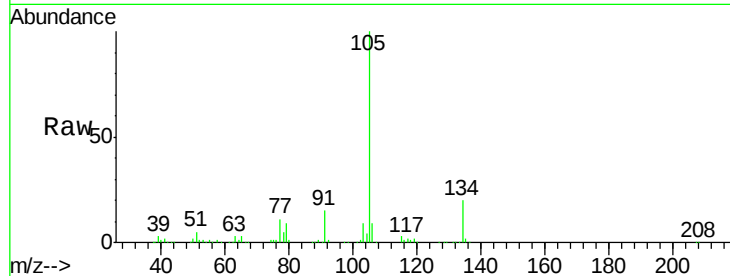
#85
 sec-Butylbenzene
 Concen: 21.634 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.4

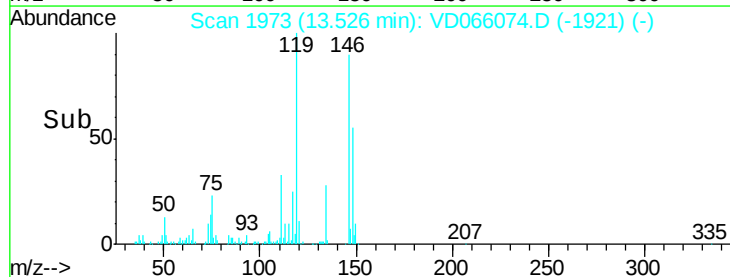
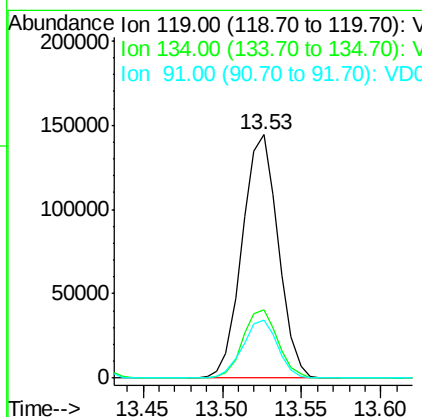
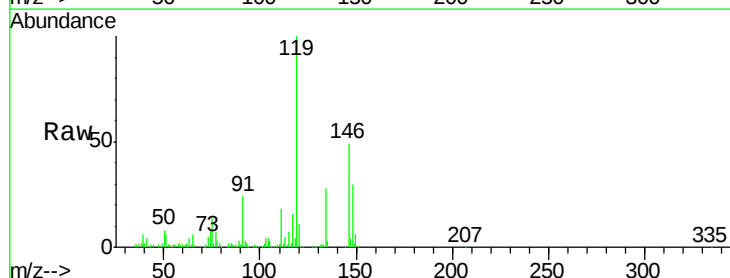
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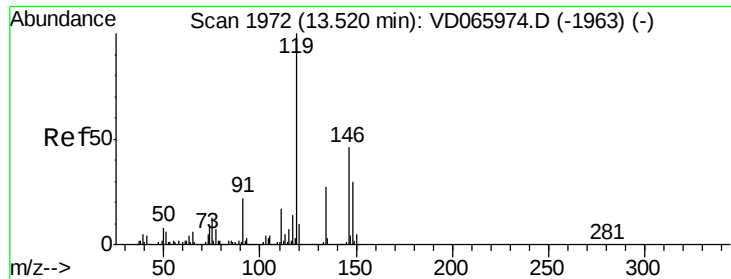
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#86
 p-Isopropyltoluene
 Concen: 21.839 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.2
91	23.0	11.1	33.3





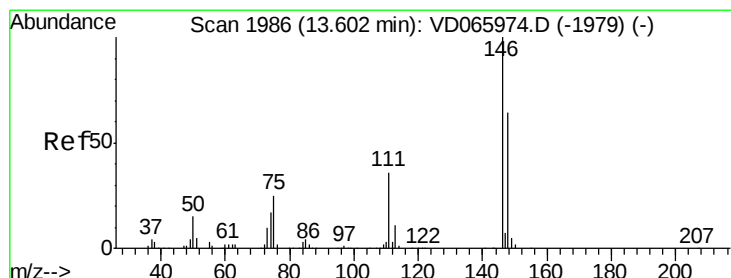
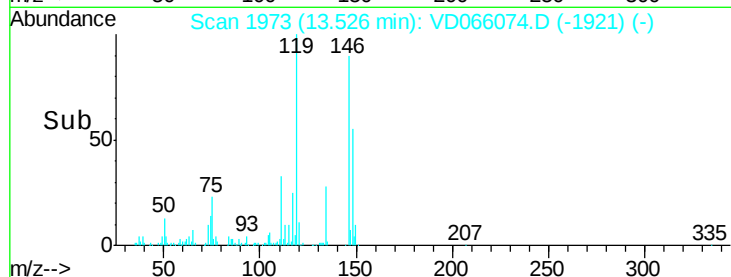
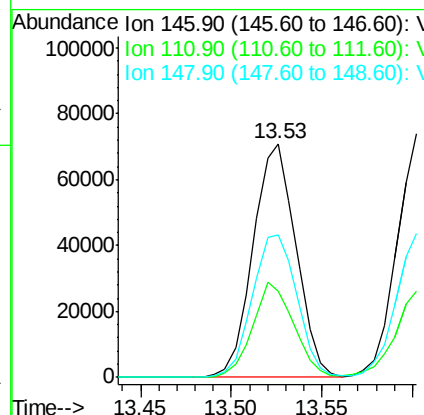
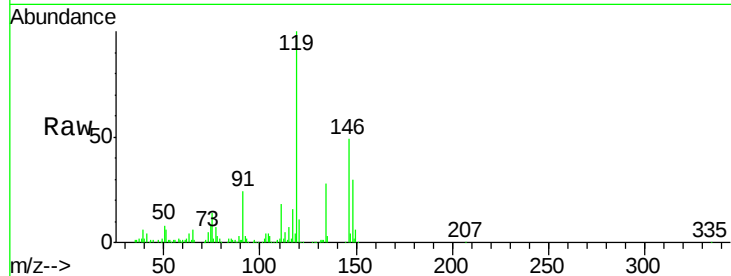
#87
 1,3-Dichlorobenzene
 Concen: 21.178 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116638		
111	38.9	18.6	55.6	
148	63.5	32.4	97.0	

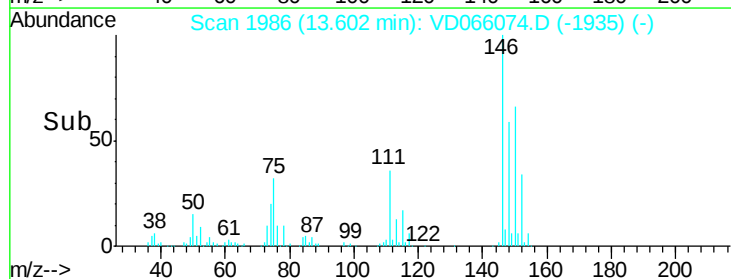
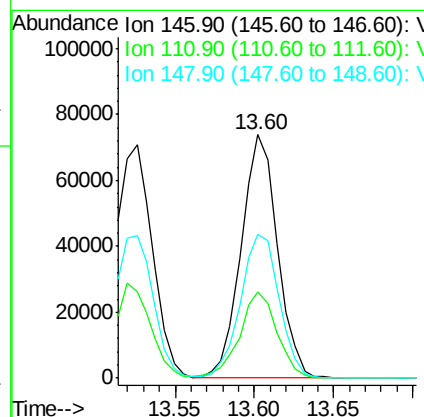
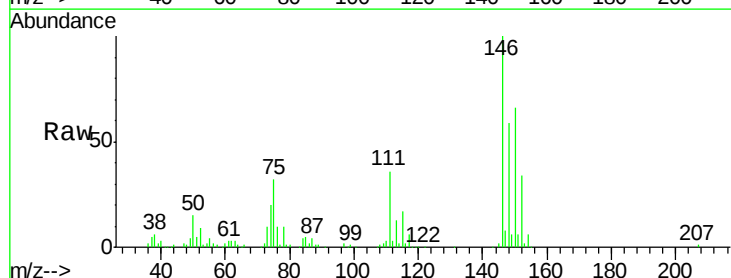
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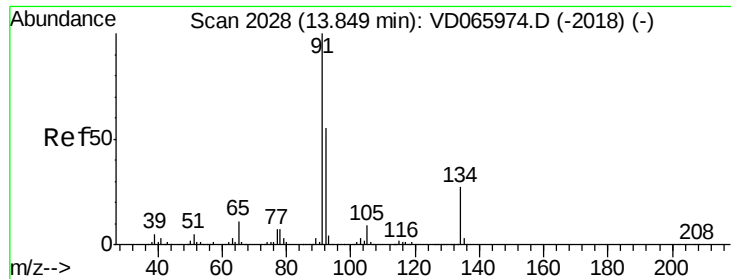
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#88
 1,4-Dichlorobenzene
 Concen: 21.058 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117243		
111	36.9	18.8	56.4	
148	62.9	32.2	96.6	





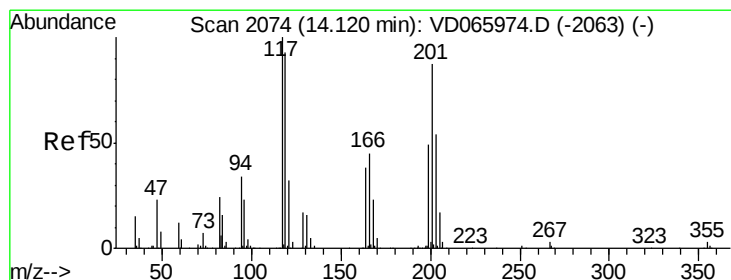
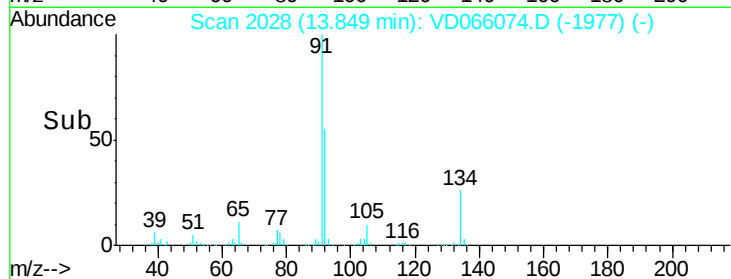
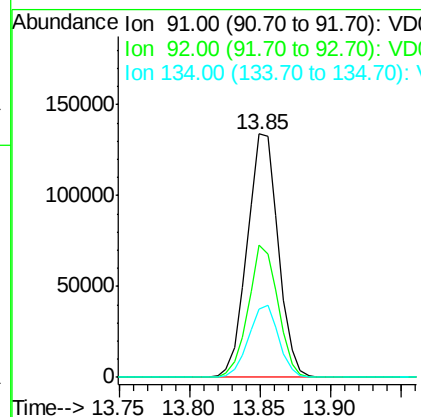
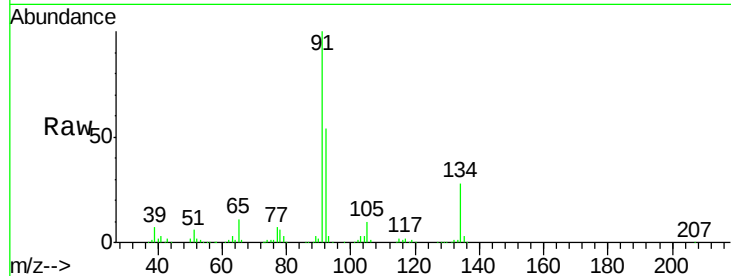
#89
n-Butylbenzene
Concen: 21.281 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	206630		
92	52.1	27.2	81.6	
134	28.6	13.8	41.4	

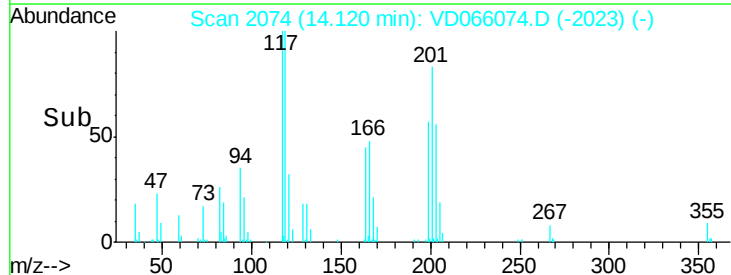
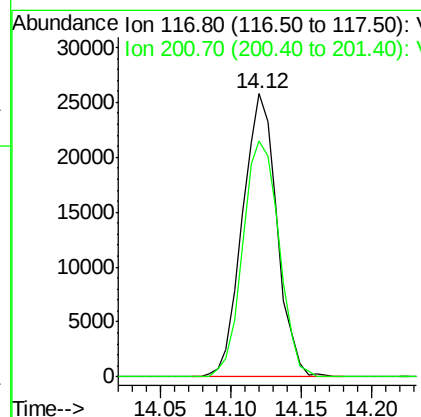
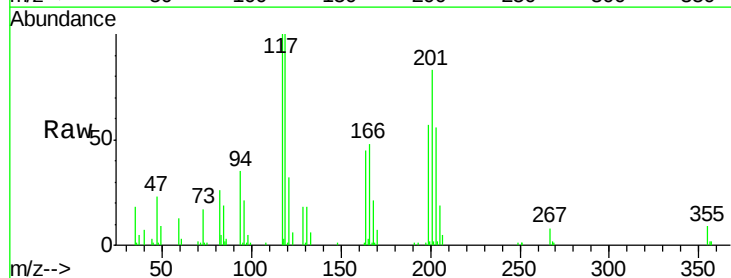
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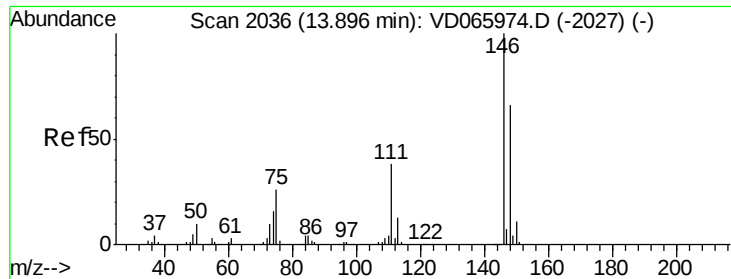
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#90
Hexachloroethane
Concen: 20.391 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066074.D
Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44079		
201	87.4	42.0	126.1	





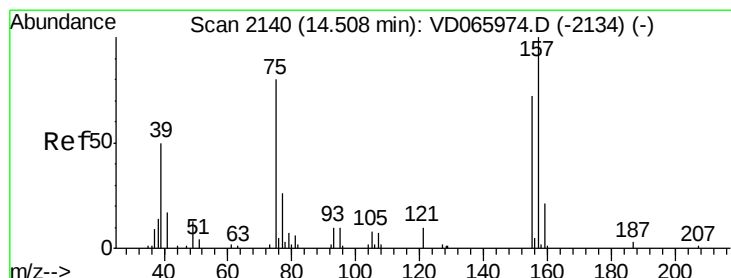
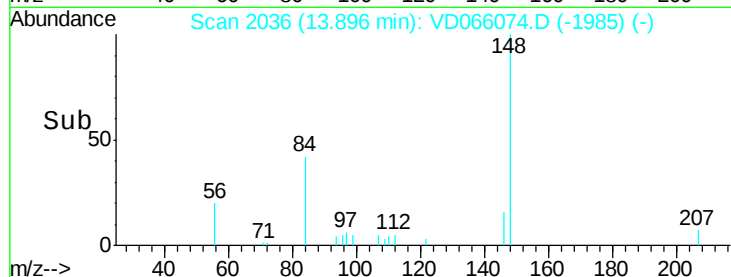
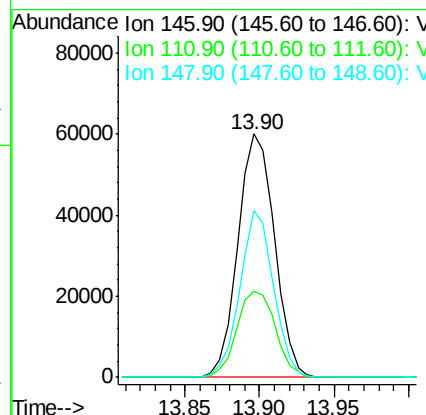
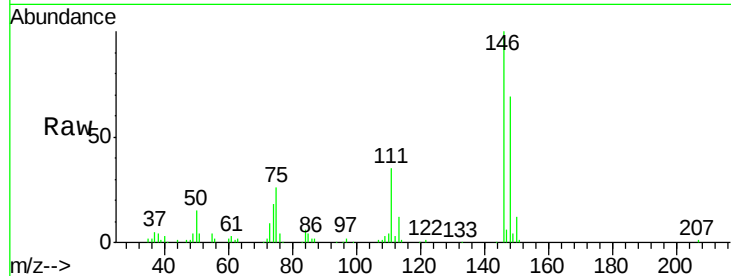
#91
 1,2-Dichlorobenzene
 Concen: 21.421 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	102230		
111	37.1	19.3	57.9	
148	63.1	32.7	98.1	

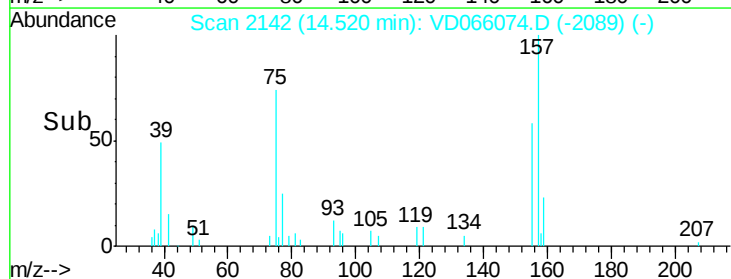
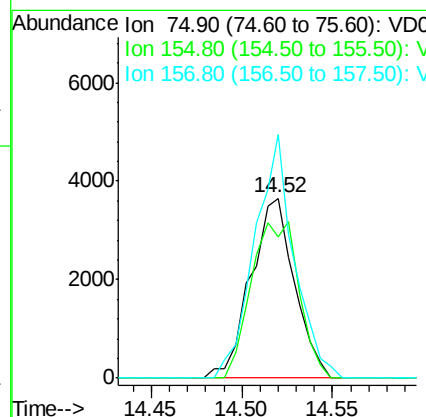
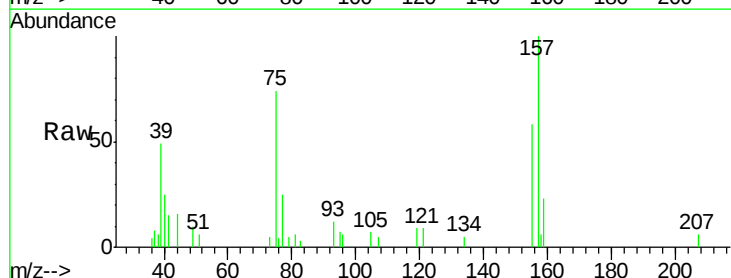
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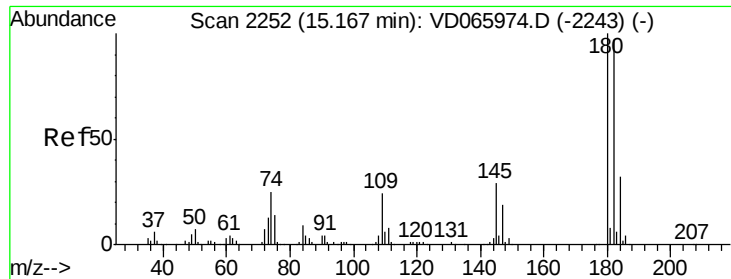
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.508 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6133		
155	94.3	48.5	145.5	
157	122.1	64.7	194.1	





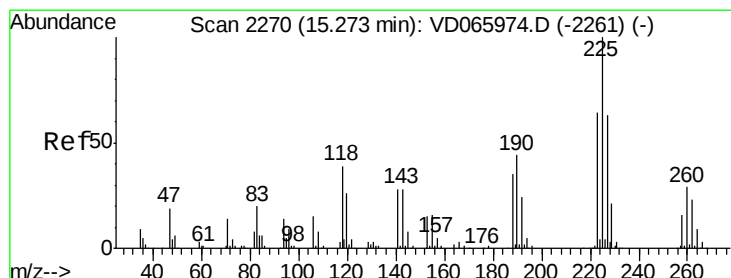
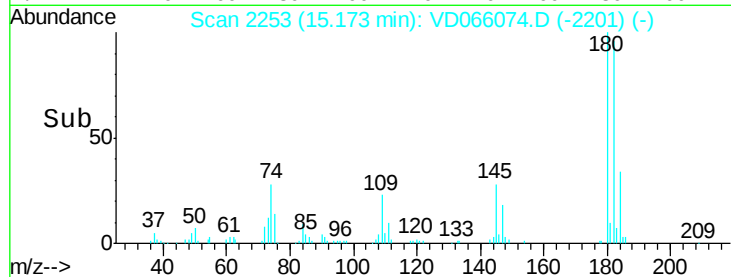
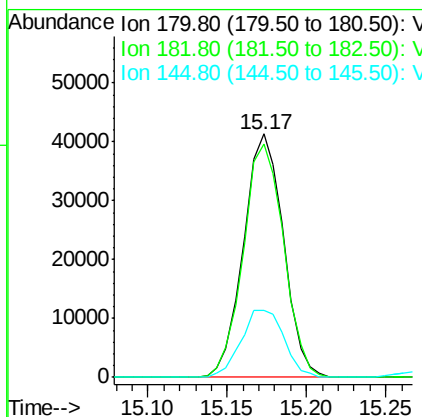
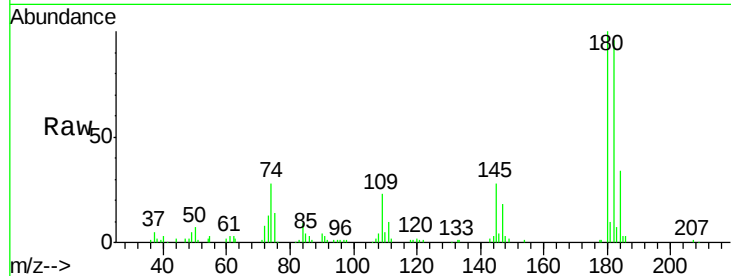
#93
 1,2,4-Trichlorobenzene
 Concen: 21.135 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.1	144.3
145	29.8	14.7	44.1

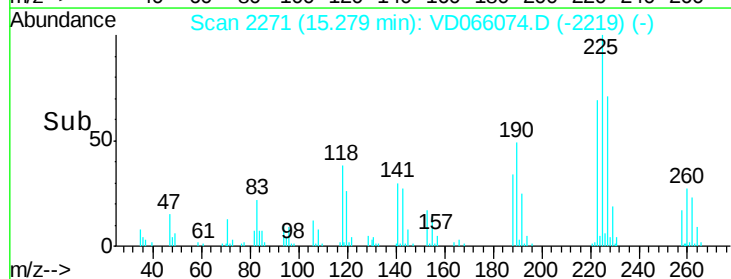
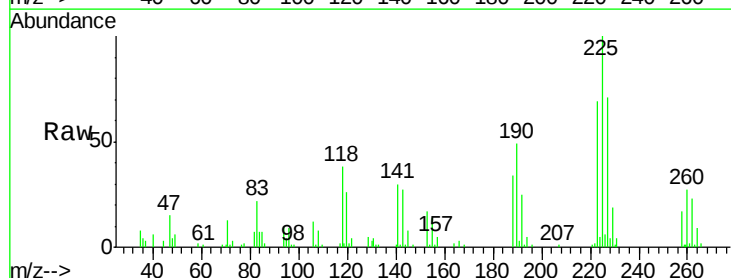
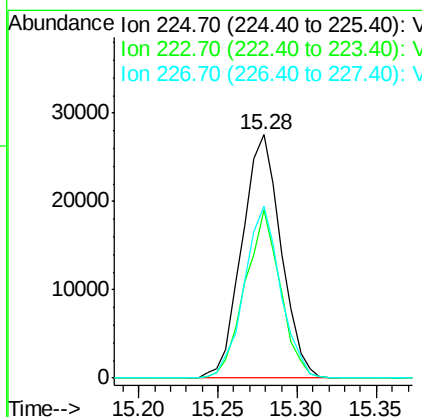
Manual Integrations
 APPROVED

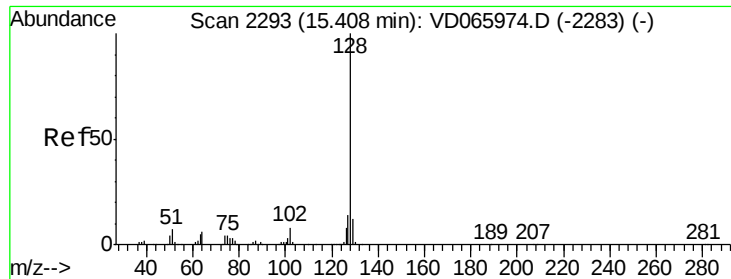
MMDadoda
 7/29/2020 7:05:55 PM



#94
 Hexachlorobutadiene
 Concen: 22.247 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066074.D
 Acq: 28 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	65.8	31.6	94.8





#95

Naphthalene

Concen: 19.960 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Instrument :

MSVOA_D

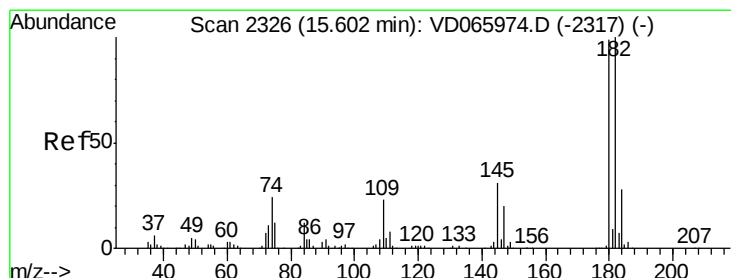
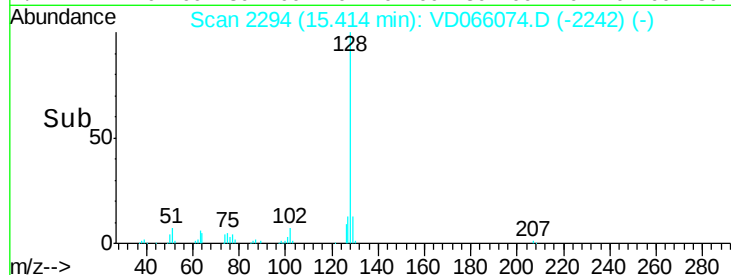
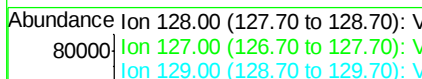
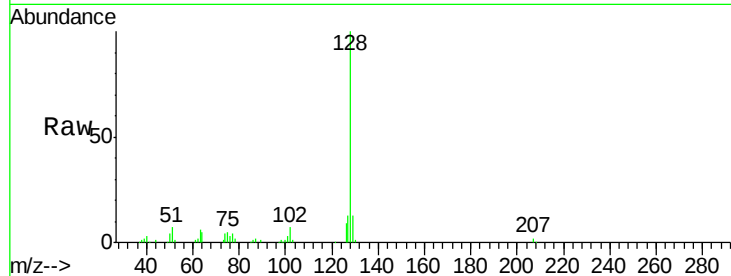
ClientSampleId :

VD0728SBS01

Tgt Ion:	128	Resp:	107623
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.8	16.2
129	11.3	8.9	13.3

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 20.874 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD066074.D

Acq: 28 Jul 2020 12:22

Tgt Ion:	180	Resp:	62164
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.9	143.6
145	30.4	15.4	46.2

