

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066065.D
 Acq On : 27 Jul 2020 14:14
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:44:09 PM

Quant Time: Jul 27 18:01:24 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	276488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	355730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	121239	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	7.92	113	125482	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.34	98	477841	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
62) 4-Bromofluorobenzene	12.64	95	165842	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	45881	21.866	ug/l	99
3) Chloromethane	2.21	50	35461	20.709	ug/l	96
4) Vinyl Chloride	2.35	62	34475	21.142	ug/l	97
5) Bromomethane	2.76	94	23448	17.151	ug/l	86
6) Chloroethane	2.93	64	20254	20.807	ug/l	94
7) Trichlorofluoromethane	3.27	101	88168	22.229	ug/l	94
8) Diethyl Ether	3.70	74	20427	18.632	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	51236	21.394	ug/l	99
10) Methyl Iodide	4.30	142	52475	26.680	ug/l	96
11) Tert butyl alcohol	5.21	59	25176	169.094	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	46869	20.502	ug/l	87
13) Acrolein	3.93	56	14163	74.720	ug/l	94
14) Allyl chloride	4.71	41	68477	19.163	ug/l	95
15) Acrylonitrile	5.42	53	44192	94.353	ug/l	98
16) Acetone	4.16	43	43135	94.723	ug/l	97
17) Carbon Disulfide	4.41	76	143221	19.314	ug/l	98
18) Methyl Acetate	4.71	43	19521	18.427	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	95395	20.310	ug/l	99
20) Methylene Chloride	4.97	84	64586	24.115	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	51855	20.070	ug/l	93
22) Diisopropyl ether	6.36	45	130542	19.229	ug/l	96
23) Vinyl Acetate	6.30	43	371530	97.037	ug/l	95
24) 1,1-Dichloroethane	6.27	63	83148	20.213	ug/l	98
25) 2-Butanone	7.21	43	55579	91.979	ug/l	99
26) 2,2-Dichloropropane	7.21	77	81549	22.046	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55925	20.444	ug/l	99
28) Bromochloromethane	7.54	49	34216	19.598	ug/l	90
29) Tetrahydrofuran	7.57	42	35989	96.530	ug/l	99
30) Chloroform	7.71	83	88990	20.682	ug/l	92
31) Cyclohexane	7.98	56	78433	19.381	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	89861	22.577	ug/l	98
36) 1,1-Dichloropropene	8.11	75	70077	21.549	ug/l	98
37) Ethyl Acetate	7.30	43	23188	18.670	ug/l	94
38) Carbon Tetrachloride	8.10	117	84962	24.078	ug/l	95

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 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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 7/28/2020 1:44:09 PM

Quant Time: Jul 27 18:01:24 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	84202	21.381	ug/l	95
40) Benzene	8.36	78	191216	21.017	ug/l	99
41) Methacrylonitrile	7.53	41	14003m	19.682	ug/l	
42) 1,2-Dichloroethane	8.43	62	54092	21.697	ug/l	98
43) Isopropyl Acetate	8.46	43	49684	20.482	ug/l	97
44) Trichloroethene	9.11	130	59549	21.629	ug/l	95
45) 1,2-Dichloropropane	9.39	63	45420	20.613	ug/l	93
46) Dibromomethane	9.48	93	26778	22.574	ug/l	96
47) Bromodichloromethane	9.66	83	68384	21.803	ug/l	98
48) Methyl methacrylate	9.46	41	25917	21.181	ug/l	97
49) 1,4-Dioxane	9.47	88	5633	409.885	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	121404	99.331	ug/l	98
52) Toluene	10.41	92	131549	22.171	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	67002	22.930	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	77577	21.902	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	36510	21.702	ug/l	96
56) Ethyl methacrylate	10.67	69	41845	21.393	ug/l	97
57) 1,3-Dichloropropane	10.95	76	60617	21.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	109573	117.268	ug/l	97
59) 2-Hexanone	10.99	43	89278	105.407	ug/l	100
60) Dibromochloromethane	11.14	129	53300	23.498	ug/l	99
61) 1,2-Dibromoethane	11.25	107	35563	21.924	ug/l	100
64) Tetrachloroethene	10.88	164	54946	22.757	ug/l	92
65) Chlorobenzene	11.67	112	148647	22.822	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	55200	22.953	ug/l	100
67) Ethyl Benzene	11.75	91	257296	22.955	ug/l	93
68) m/p-Xylenes	11.86	106	194040	45.040	ug/l	95
69) o-Xylene	12.18	106	91103	23.250	ug/l	99
70) Styrene	12.20	104	158515	23.545	ug/l	99
71) Bromoform	12.37	173	32506	23.075	ug/l #	97
73) Isopropylbenzene	12.48	105	251073	21.483	ug/l	100
74) N-amyl acetate	12.30	43	47246	19.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	39063	20.224	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	24576m	16.899	ug/l	
77) Bromobenzene	12.77	156	62531	20.935	ug/l	96
78) n-propylbenzene	12.83	91	296150	21.837	ug/l	100
79) 2-Chlorotoluene	12.91	91	165537	21.365	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	213376	22.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12660	19.976	ug/l	96
82) 4-Chlorotoluene	13.01	91	175941	21.514	ug/l	100
83) tert-Butylbenzene	13.23	119	182109	21.674	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	212365	22.418	ug/l	99
85) sec-Butylbenzene	13.41	105	256894	22.197	ug/l	100
86) p-Isopropyltoluene	13.53	119	245086	23.310	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	124137	22.385	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	122515	21.854	ug/l	100
89) n-Butylbenzene	13.86	91	221902	22.697	ug/l	97
90) Hexachloroethane	14.12	117	45630	20.964	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	108650	22.610	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6862	21.677	ug/l	98

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0727SBSD01

Manual Integrations
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Quant Time: Jul 27 18:01:24 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	76897	22.294	ug/l	97
94) Hexachlorobutadiene	15.28	225	48503	22.745	ug/l	99
95) Naphthalene	15.41	128	122252	22.064	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	67795	22.609	ug/l	100

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

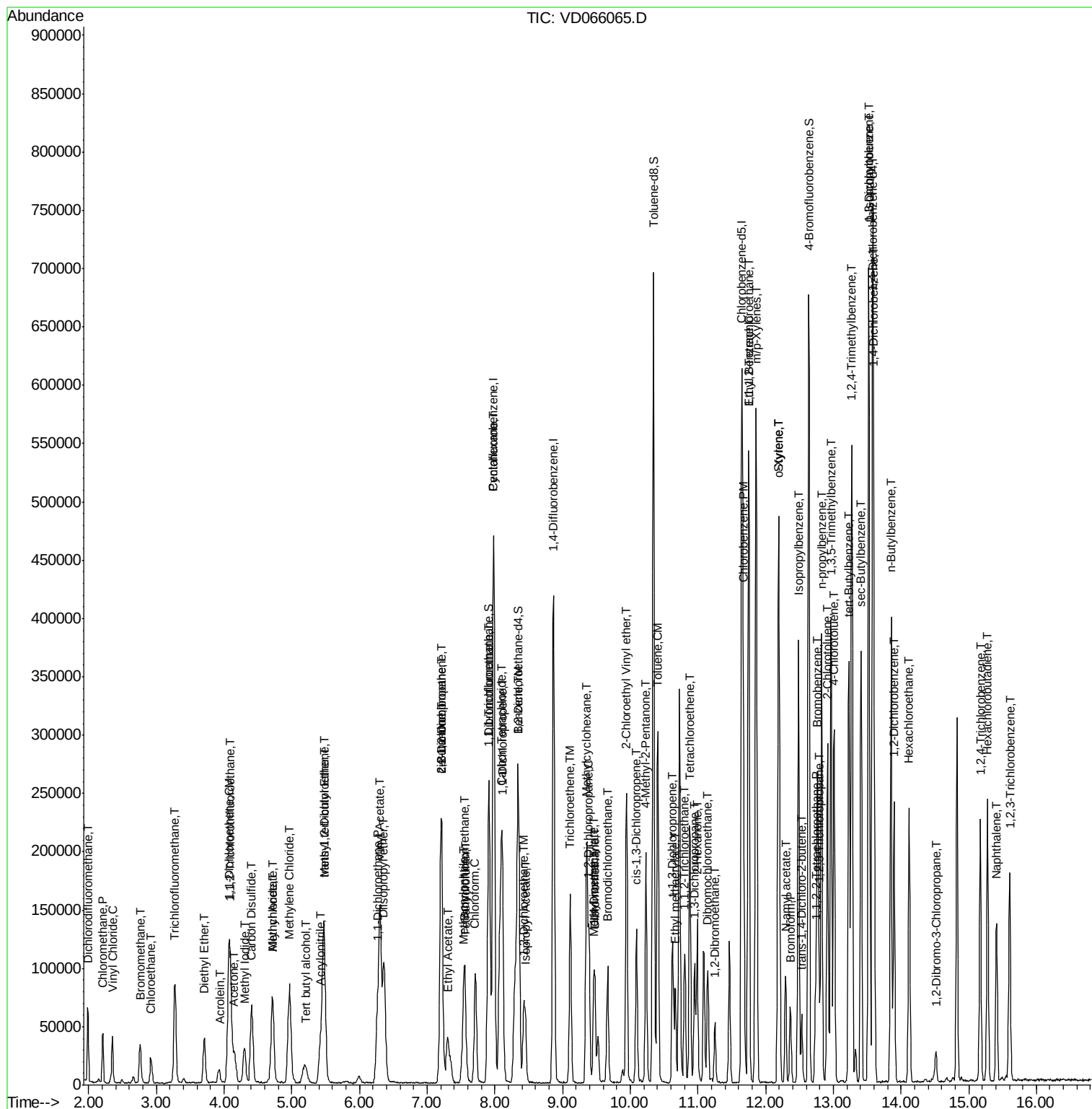
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072720\
 Data File : VD066065.D
 Acq On : 27 Jul 2020 14:14
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

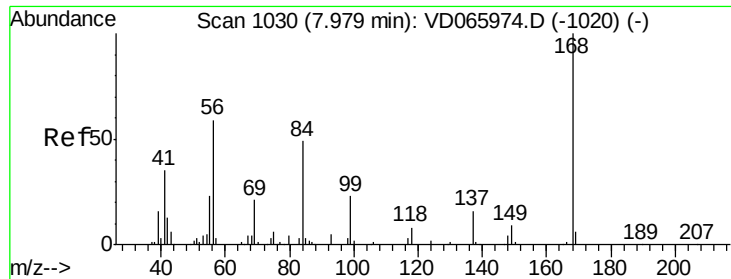
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion:168 Resp: 276488

Ion Ratio Lower Upper

168 100

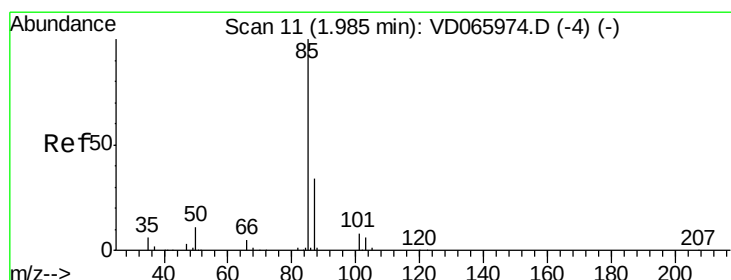
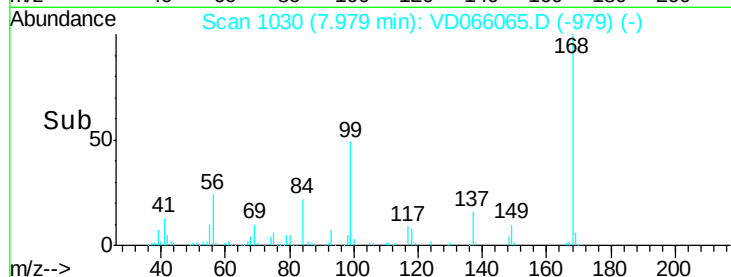
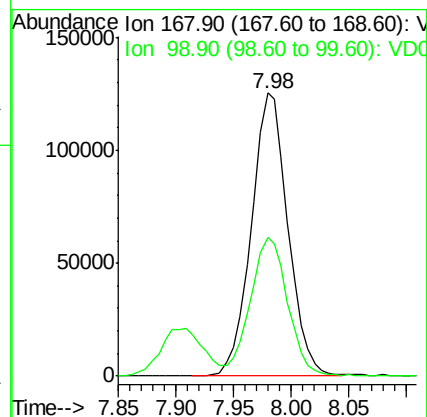
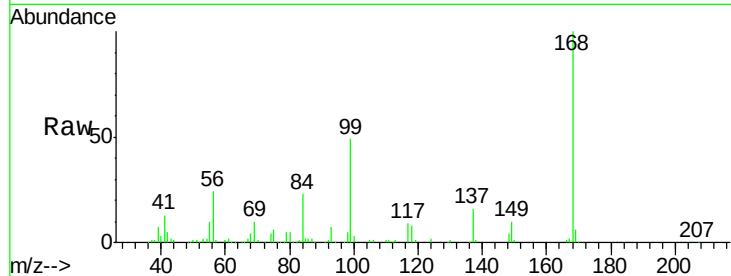
99 48.5 40.8 61.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.866 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066065.D

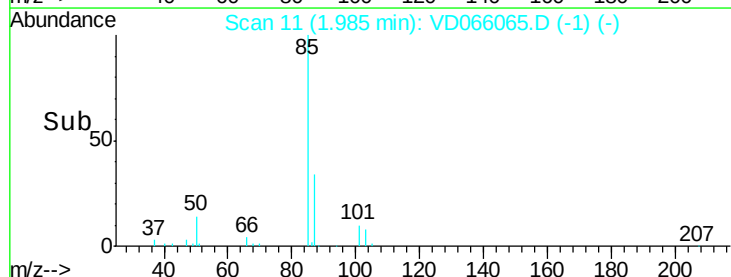
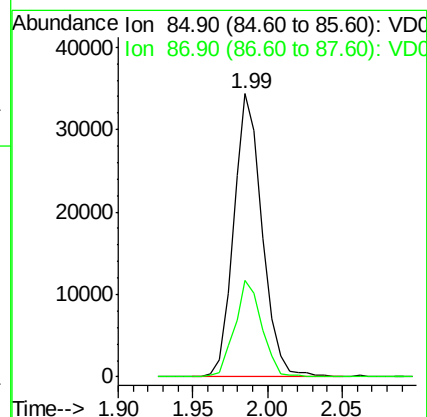
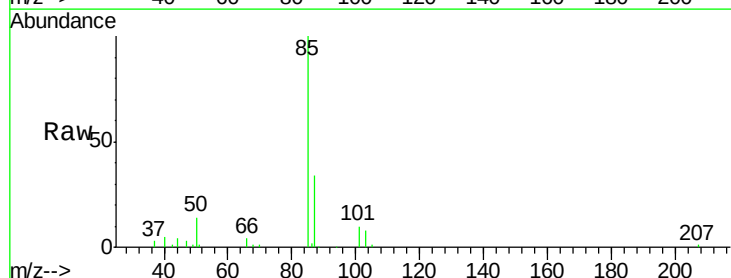
Acq: 27 Jul 2020 14:14

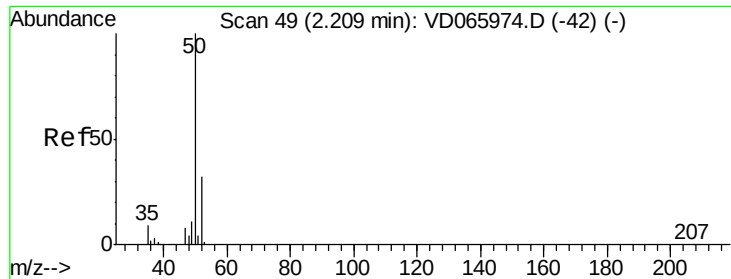
Tgt Ion: 85 Resp: 45881

Ion Ratio Lower Upper

85 100

87 33.9 17.3 51.7





#3

Chloromethane

Concen: 20.709 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 50 Resp: 35461

Ion Ratio Lower Upper

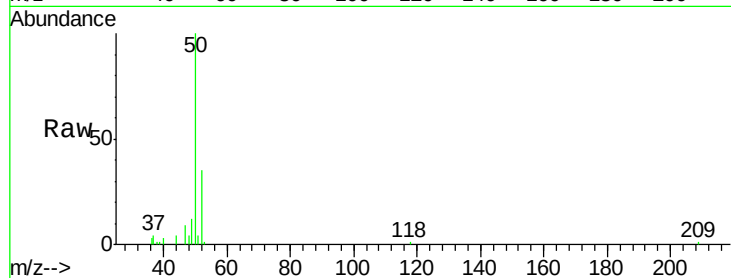
50 100

52 34.7 25.8 38.8

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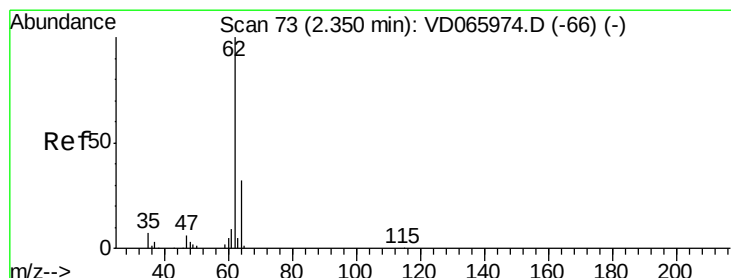
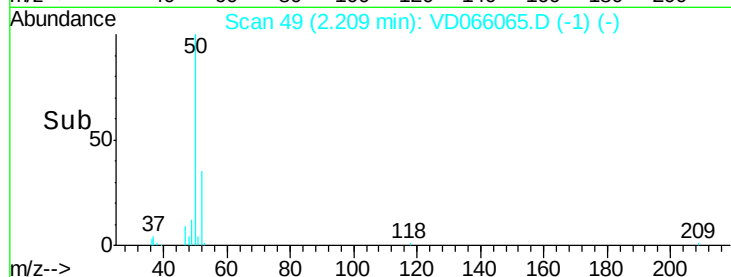
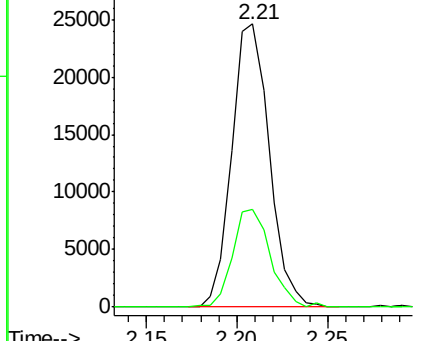
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.142 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066065.D

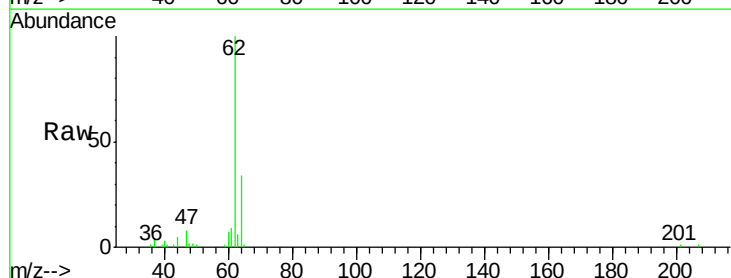
Acq: 27 Jul 2020 14:14

Tgt Ion: 62 Resp: 34475

Ion Ratio Lower Upper

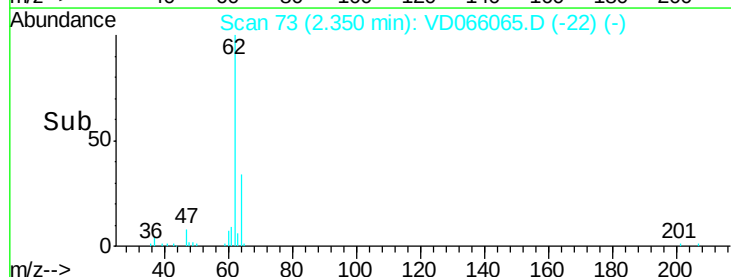
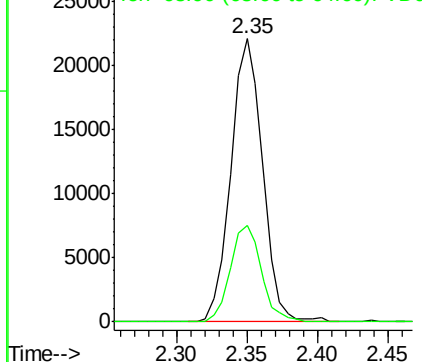
62 100

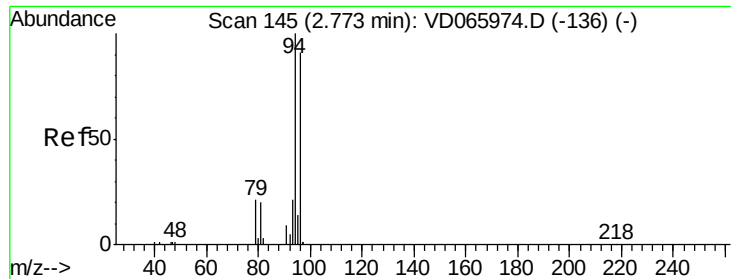
64 33.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.151 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 94 Resp: 23448

Ion Ratio Lower Upper

94 100

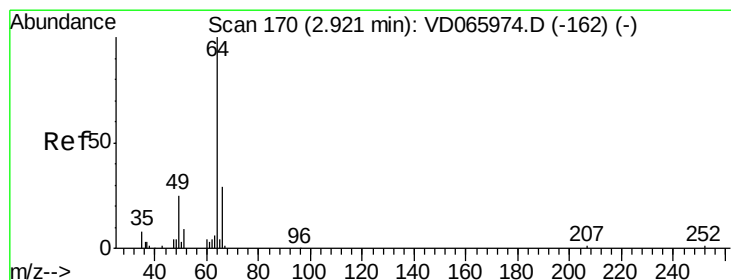
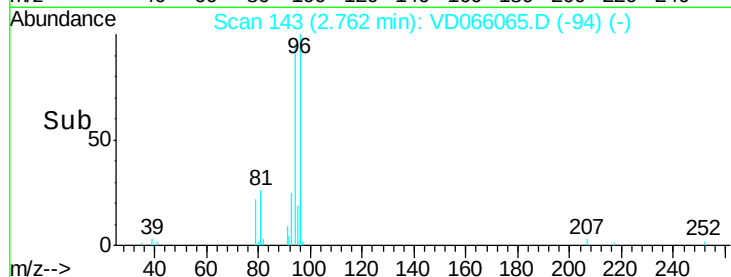
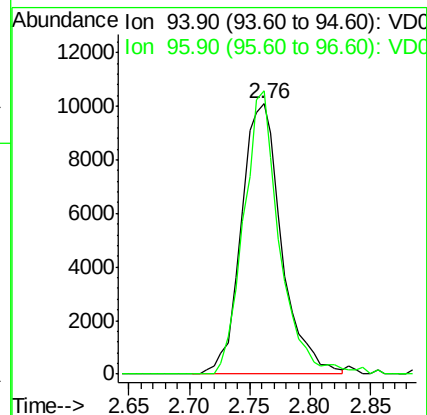
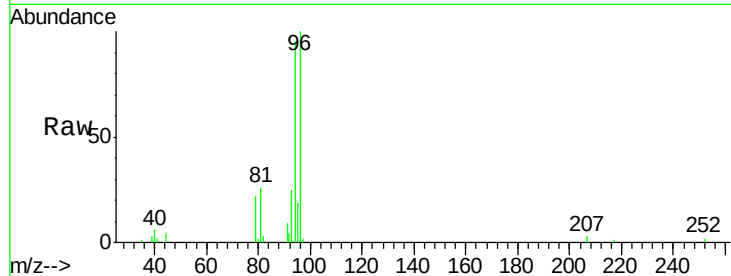
96 104.7 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 20.807 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066065.D

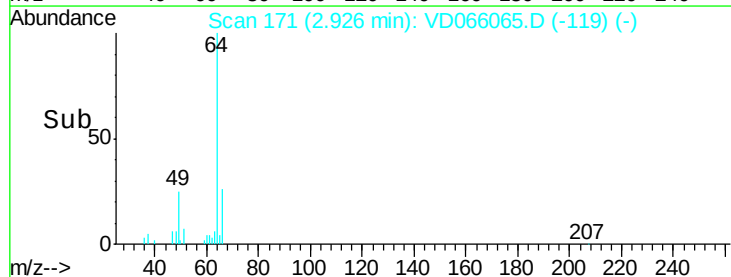
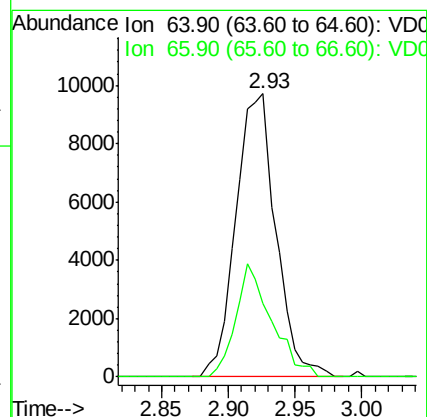
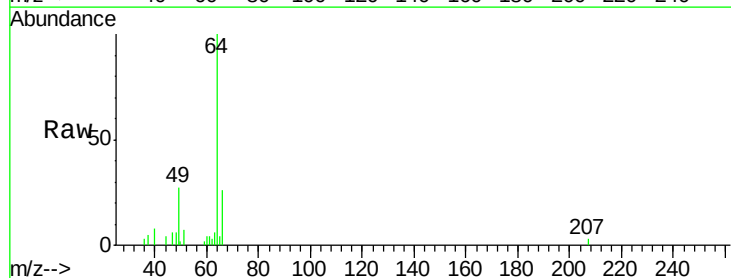
Acq: 27 Jul 2020 14:14

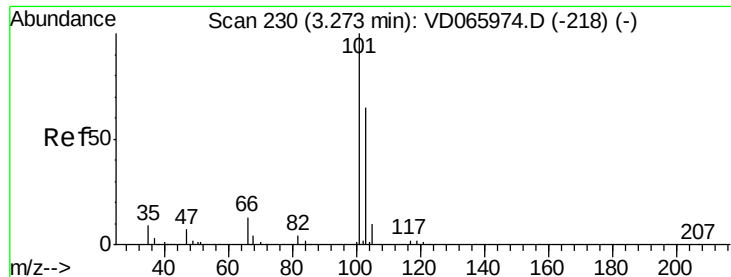
Tgt Ion: 64 Resp: 20254

Ion Ratio Lower Upper

64 100

66 25.9 23.4 35.0





#7

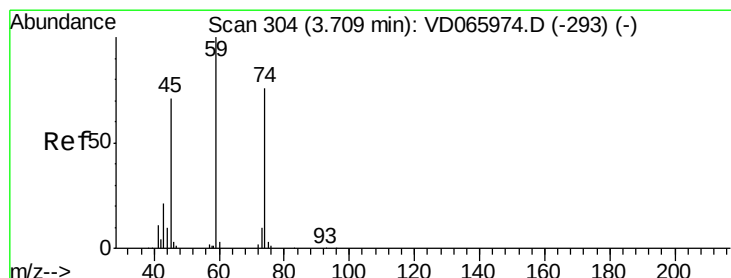
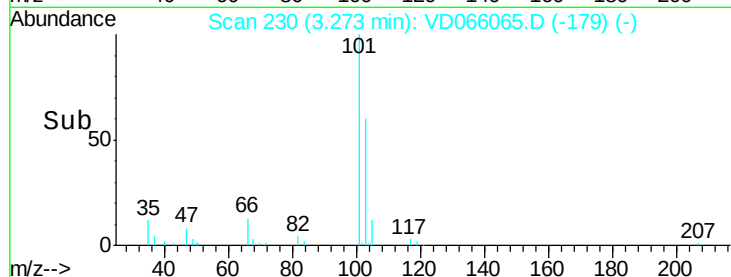
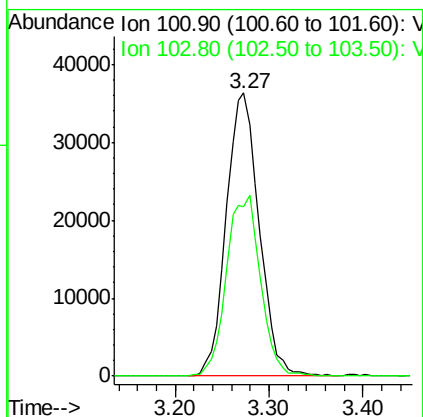
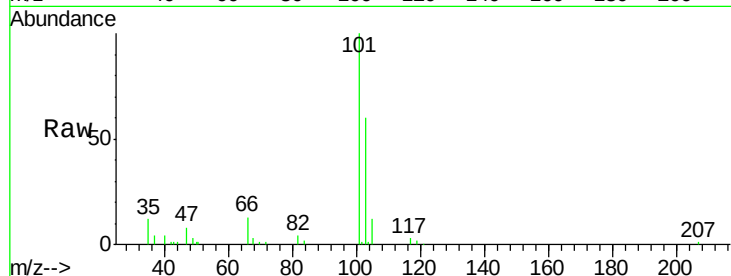
Trichlorofluoromethane
 Concen: 22.229 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	52.1	78.1

Manual Integrations
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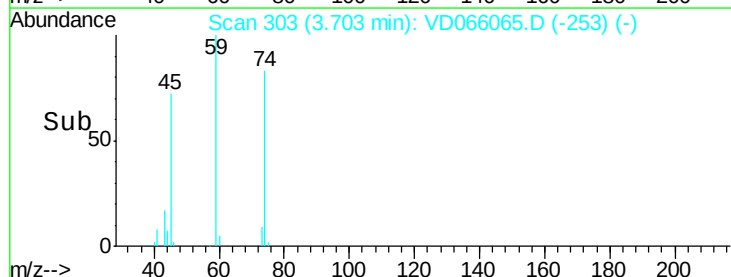
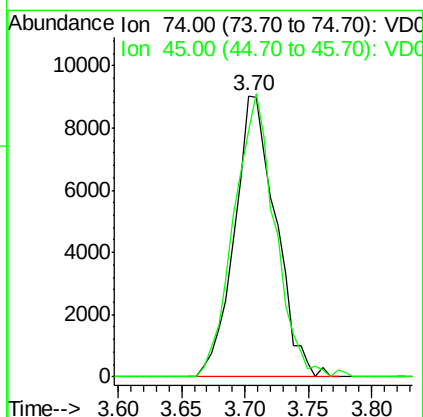
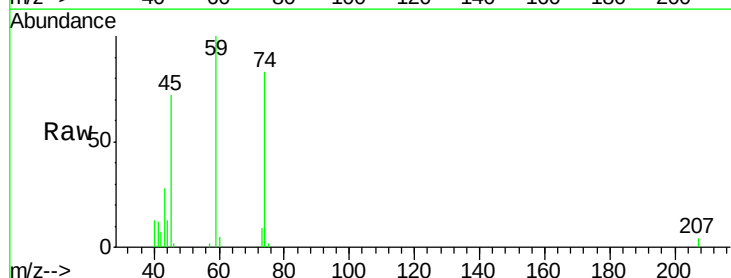
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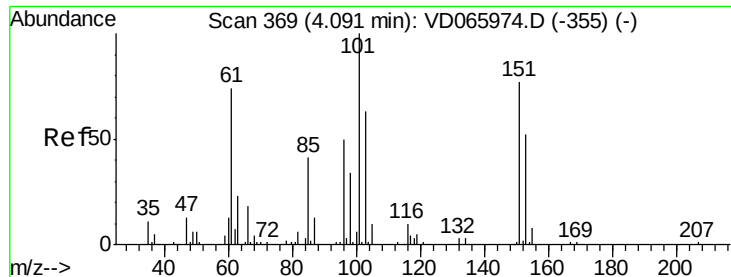


#8

Diethyl Ether
 Concen: 18.632 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.394 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

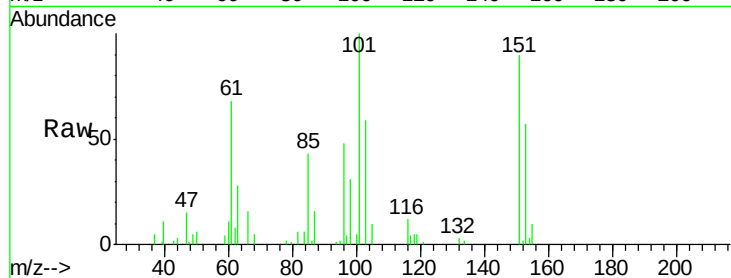
ClientSampleId :

VD0727SBS01

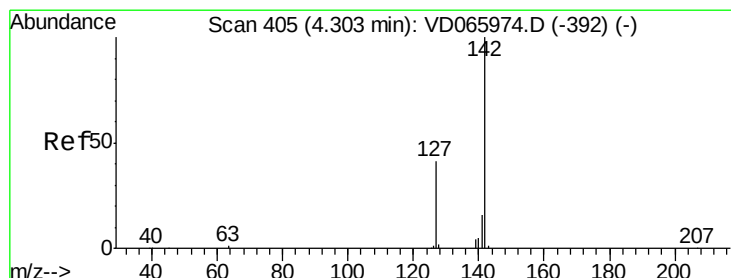
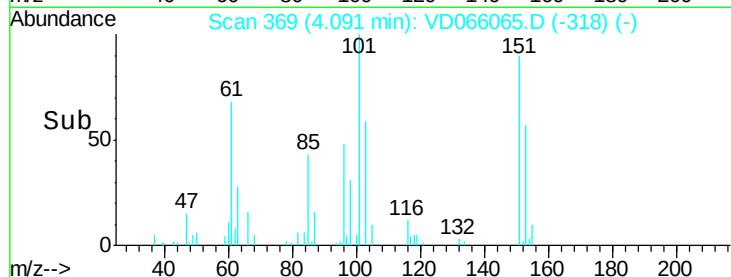
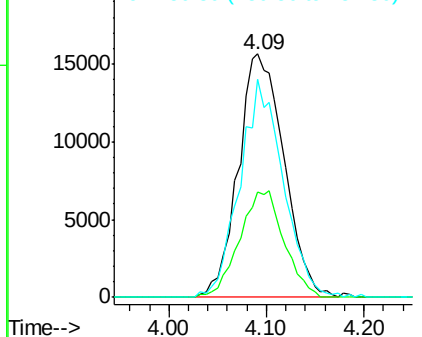
Tot Ion:	101	Resp:	51236
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.6	50.4
151	84.7	66.6	99.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.680 ug/l

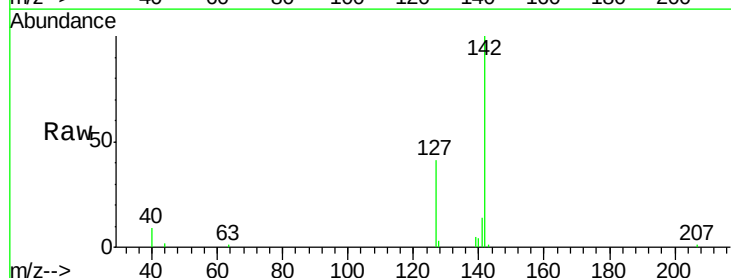
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

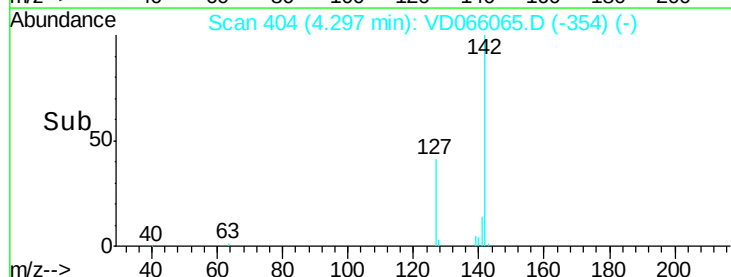
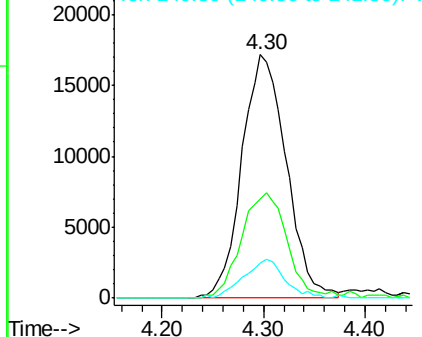
Lab File: VD066065.D

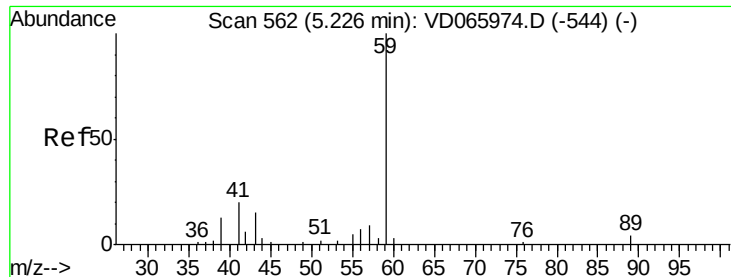
Acq: 27 Jul 2020 14:14

Tgt Ion:	142	Resp:	52475
Ion Ratio	Lower	Upper	
142	100		
127	44.5	32.9	49.3
141	14.7	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

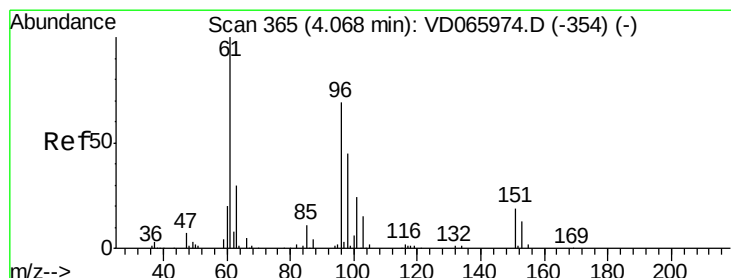
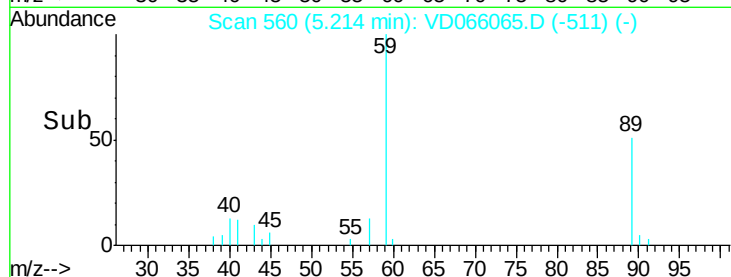
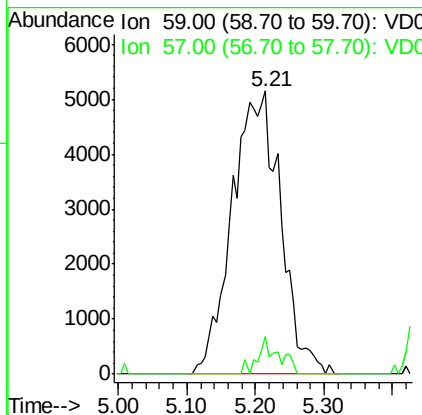
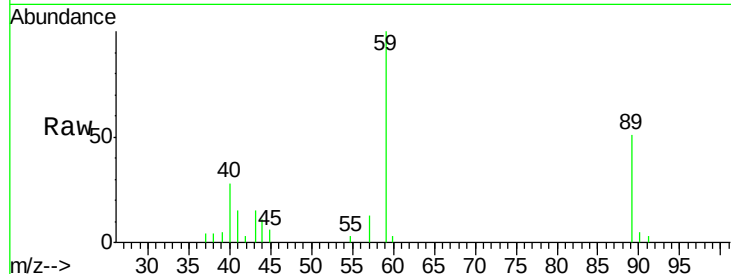
Tert butyl alcohol
 Concen: 169.094 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion: 59 Resp: 25176
 Ion Ratio Lower Upper
 59 100
 57 4.4 4.5 6.7#

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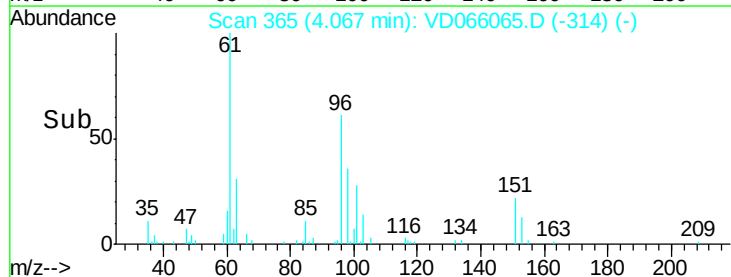
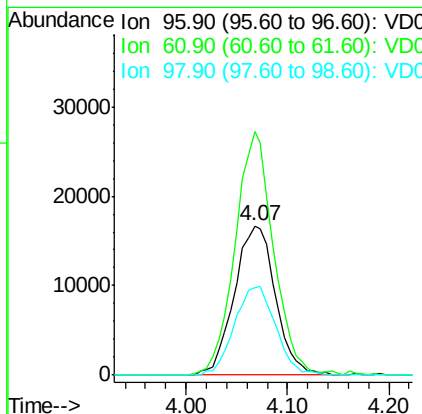
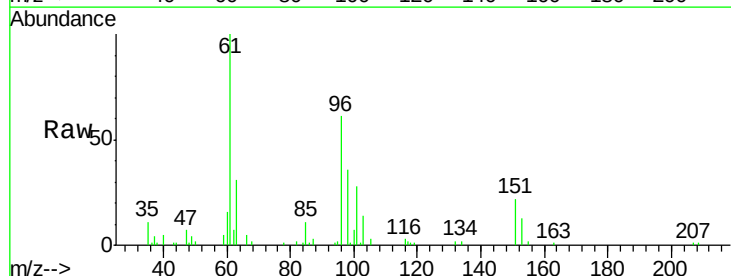
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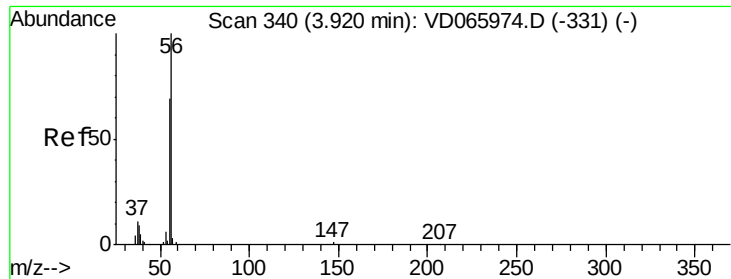


#12

1,1-Dichloroethene
 Concen: 20.502 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 96 Resp: 46869
 Ion Ratio Lower Upper
 96 100
 61 163.0 115.4 173.0
 98 58.7 51.5 77.3





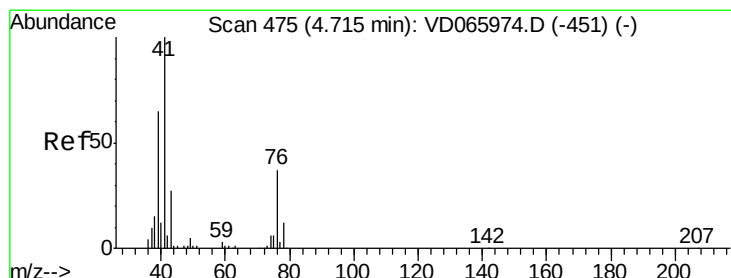
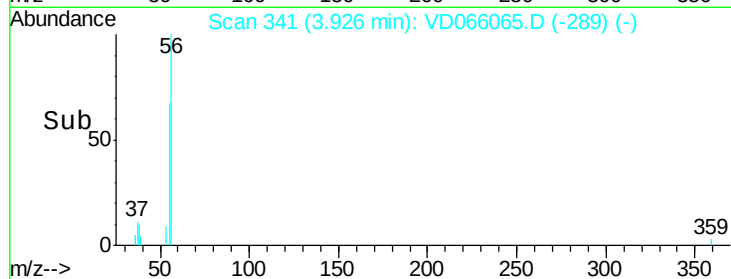
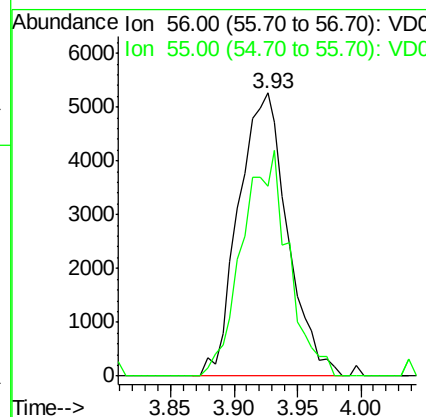
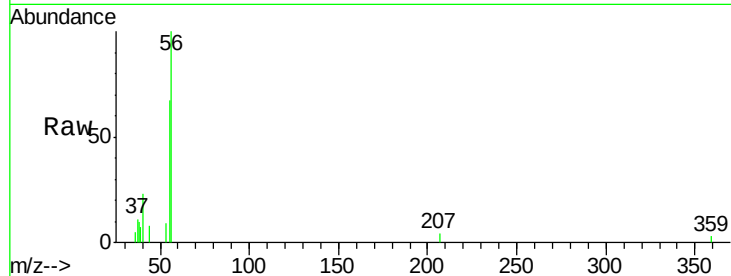
#13
 Acrolein
 Concen: 74.720 ug/l
 RT: 3.93 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	56	Resp	14163
Ion Ratio	100	Lower	Upper
55	75.1	55.8	83.8

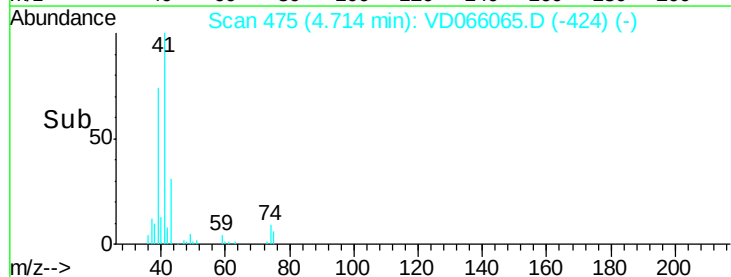
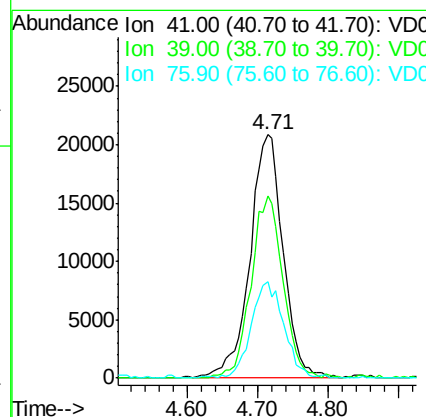
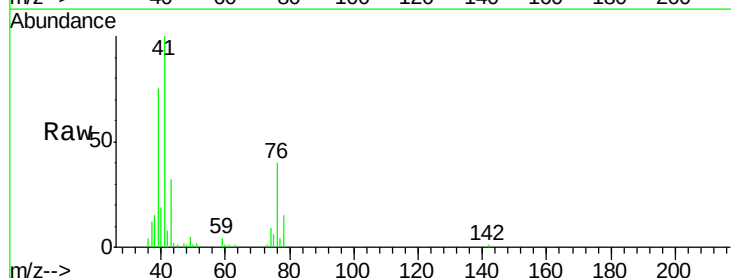
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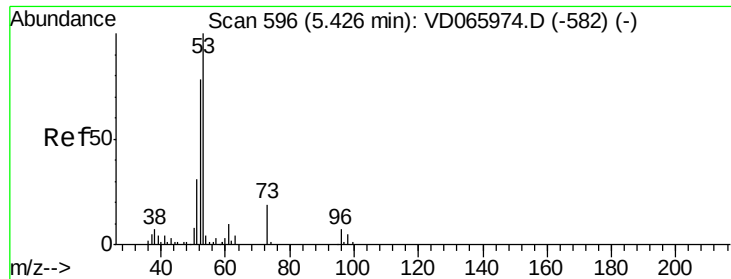
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#14
 Allyl chloride
 Concen: 19.163 ug/l
 RT: 4.71 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	41	Resp	68477
Ion Ratio	100	Lower	Upper
39	71.8	53.4	80.2
76	38.8	29.1	43.7





#15

Acrylonitrile

Concen: 94.353 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

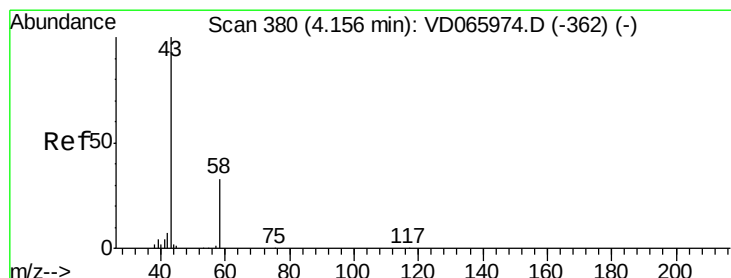
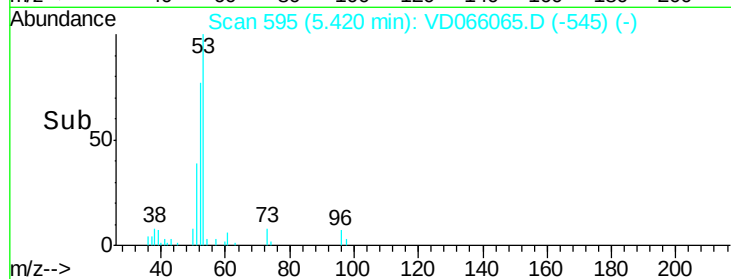
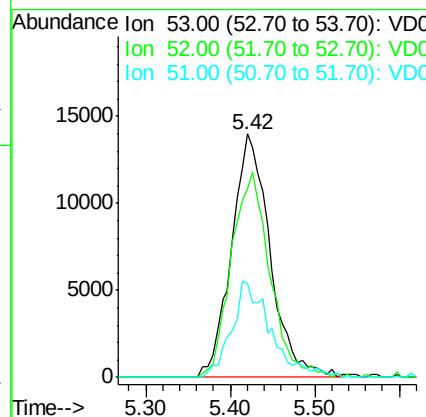
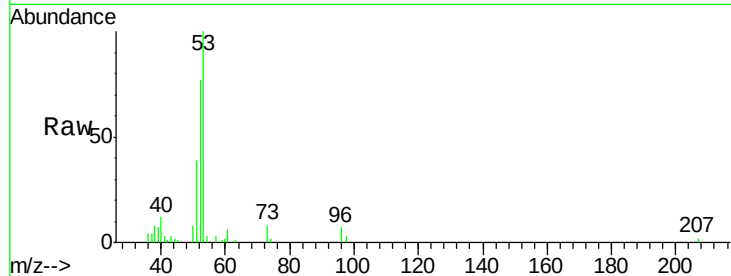
ClientSampleID :

VD0727SBS01

Tot Ion:	53	Resp:	44192
Ion	Ratio	Lower	Upper
53	100		
52	84.2	67.1	100.7
51	38.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 94.723 ug/l

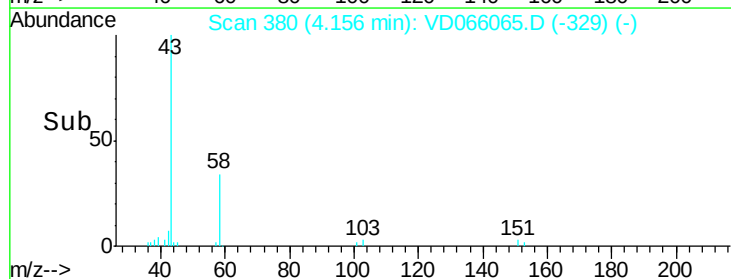
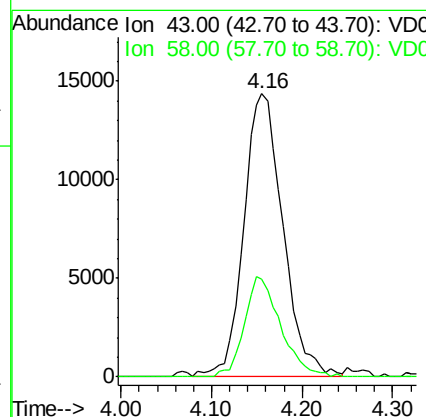
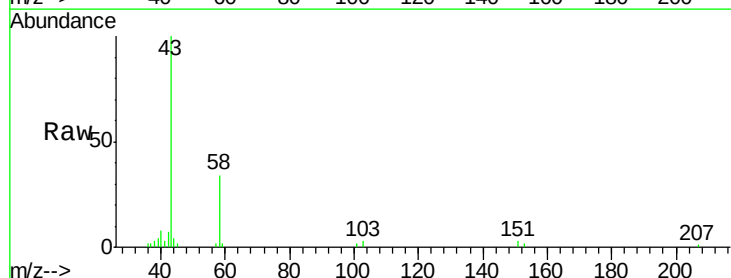
RT: 4.16 min Scan# 380

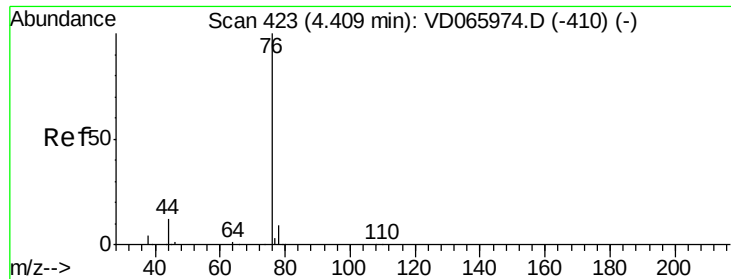
Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion:	43	Resp:	43135
Ion	Ratio	Lower	Upper
43	100		
58	34.4	26.3	39.5





#17

Carbon Disulfide

Concen: 19.314 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 76 Resp: 143221

Ion Ratio Lower Upper

76 100

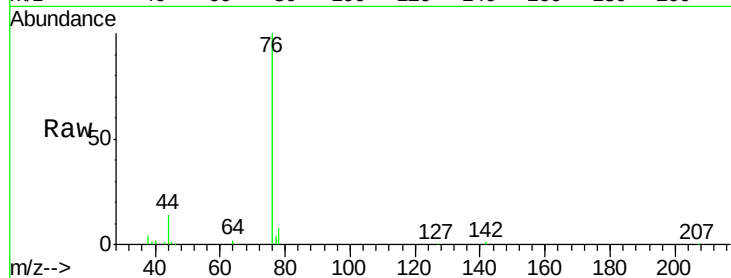
78 8.5 7.4 11.2

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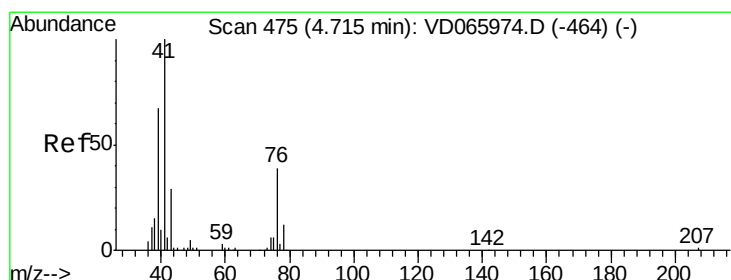
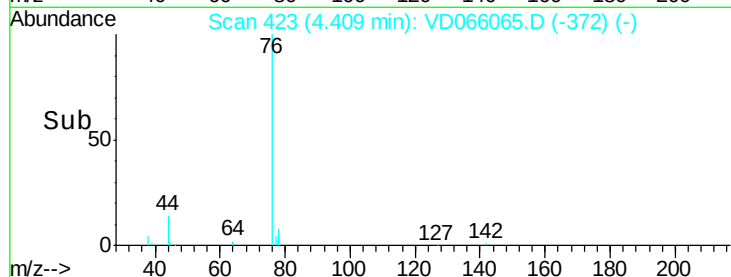
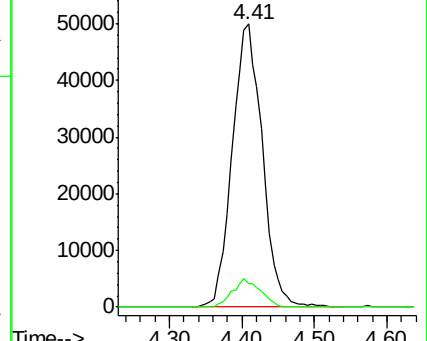
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.427 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066065.D

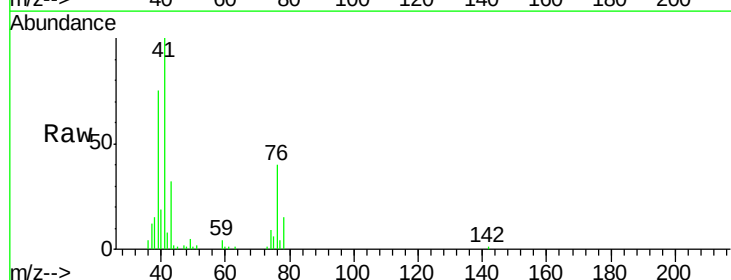
Acq: 27 Jul 2020 14:14

Tgt Ion: 43 Resp: 19521

Ion Ratio Lower Upper

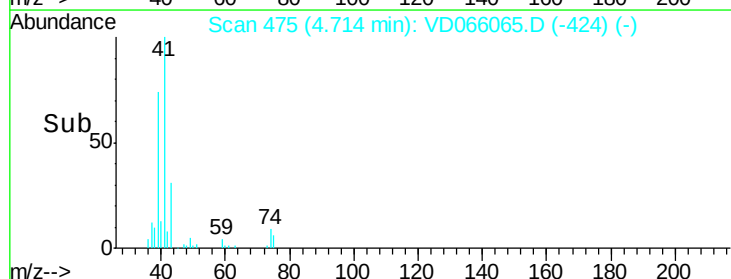
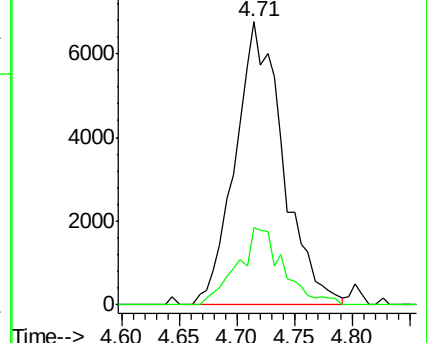
43 100

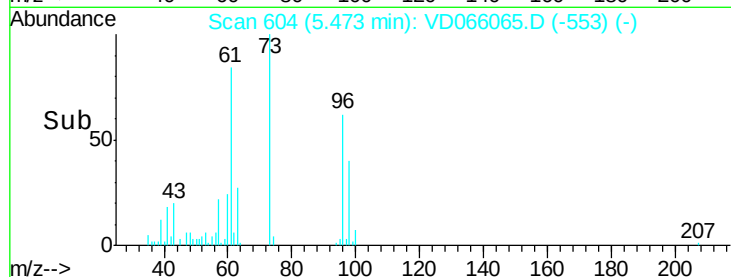
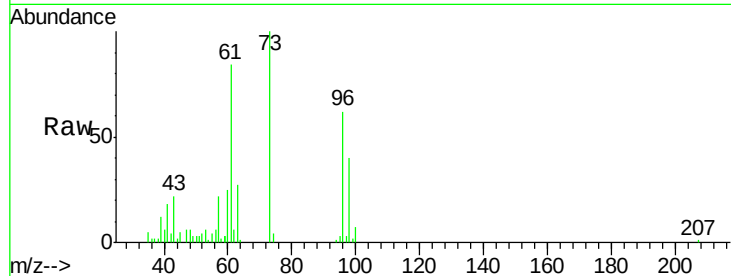
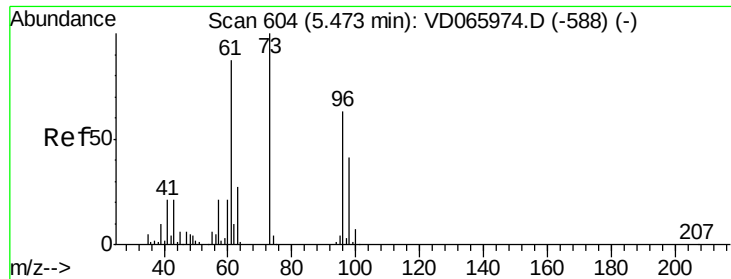
74 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





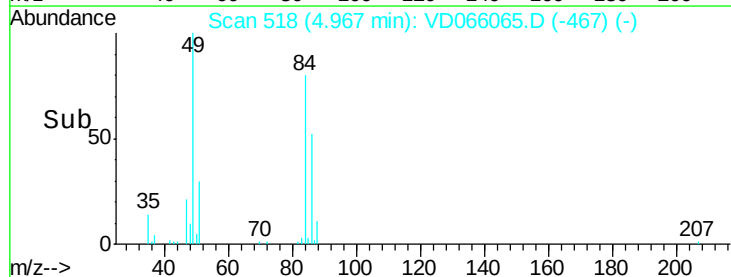
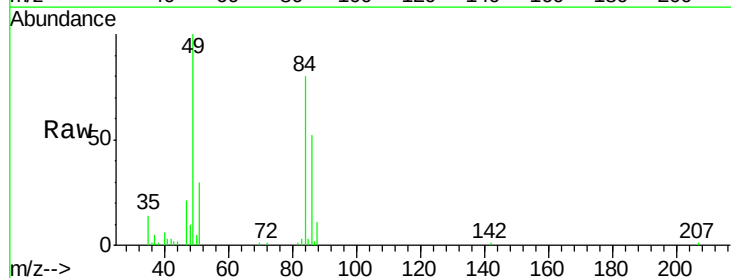
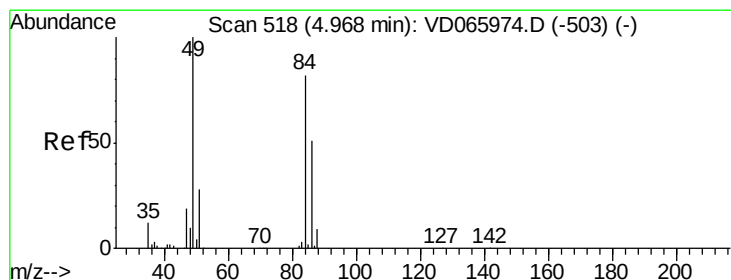
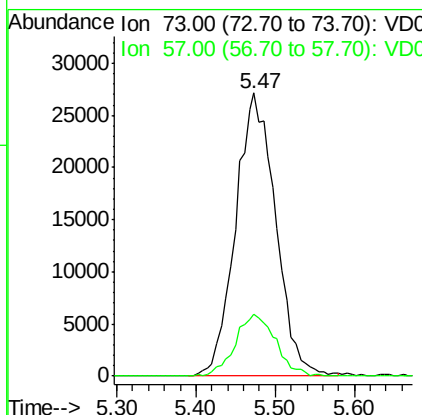
#19
Methyl tert-butyl Ether
Concen: 20.310 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tot Ion: 73 Resp: 95395
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

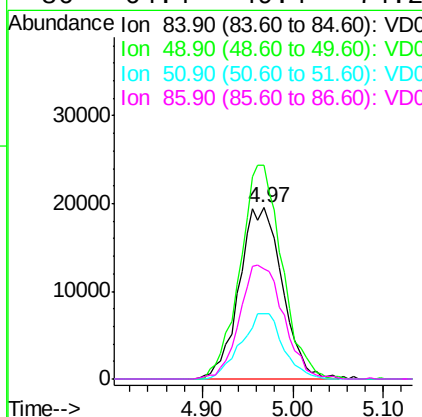
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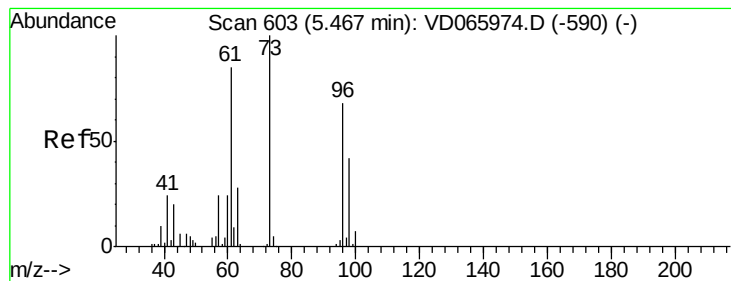
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#20
Methylene Chloride
Concen: 24.115 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 84 Resp: 64586
Ion Ratio Lower Upper
84 100
49 124.7 97.7 146.5
51 37.9 27.4 41.2
86 64.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.070 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 96 Resp: 51855

Ion Ratio Lower Upper

96 100

61 135.8 100.5 150.7

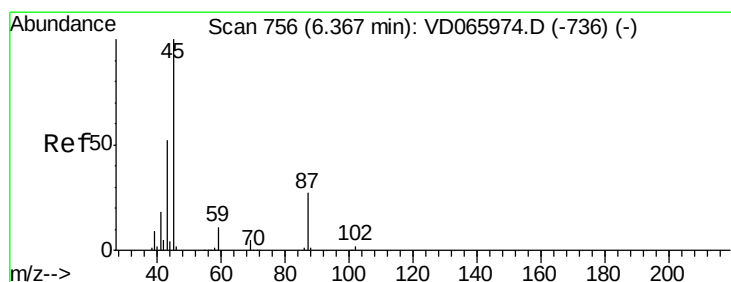
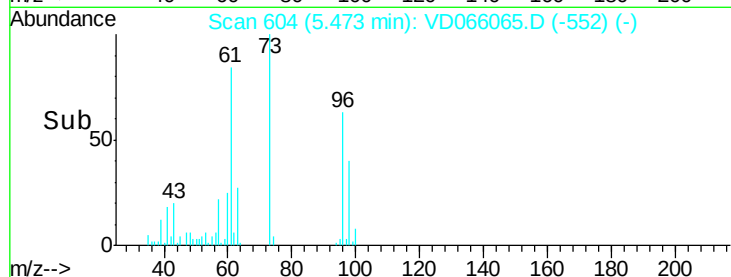
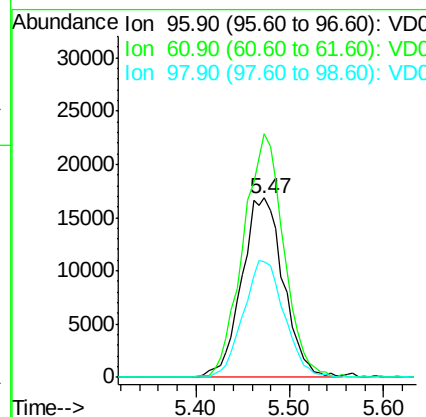
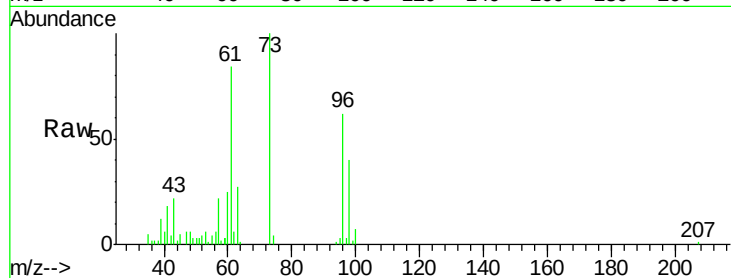
98 64.1 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.229 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion: 45 Resp: 130542

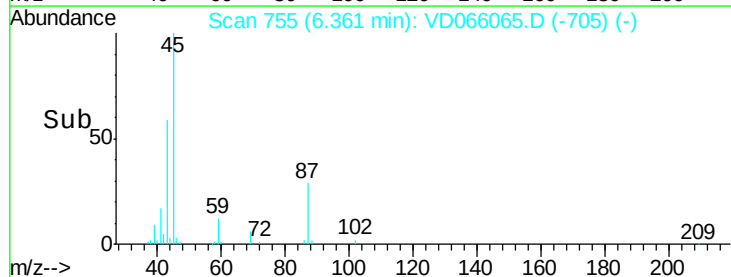
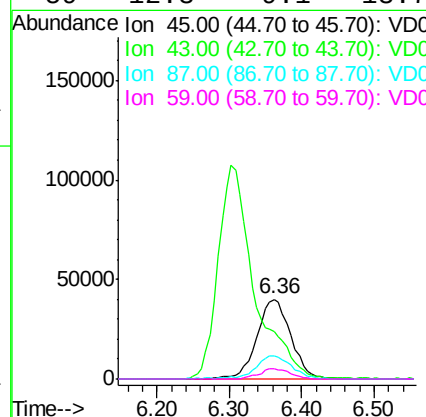
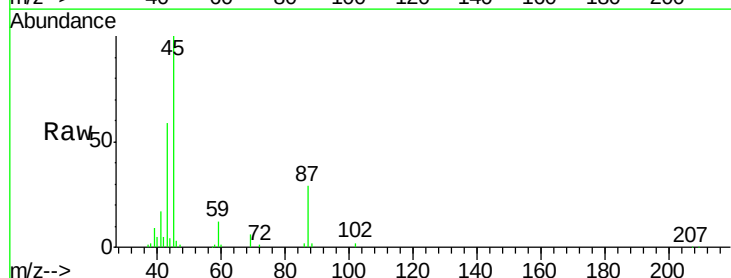
Ion Ratio Lower Upper

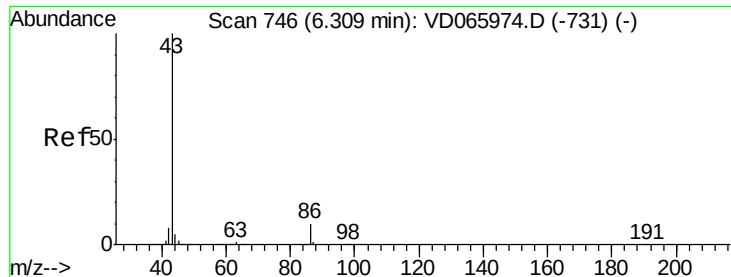
45 100

43 57.4 43.0 64.4

87 29.2 22.0 33.0

59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 97.037 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 43 Resp: 371530

Ion Ratio Lower Upper

43 100

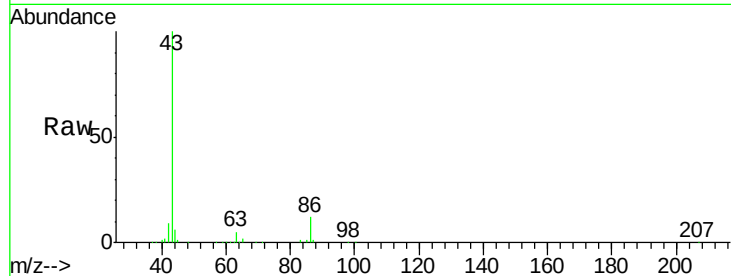
86 11.6 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

120000

100000

80000

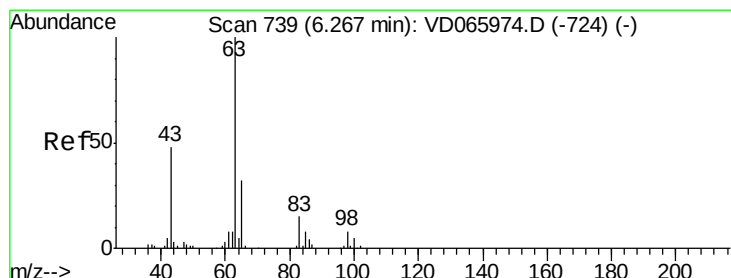
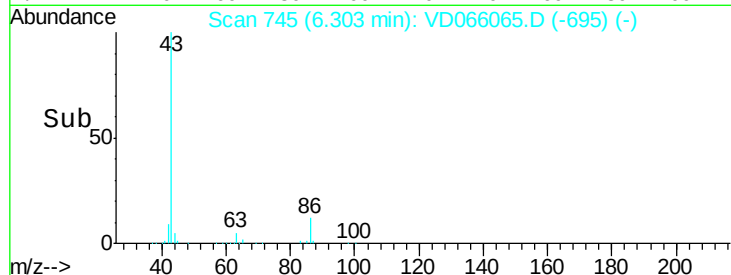
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.213 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

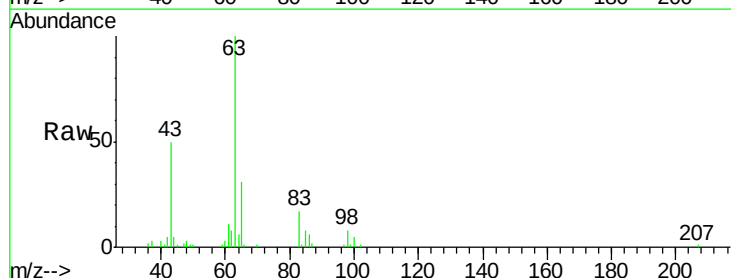
Tgt Ion: 63 Resp: 83148

Ion Ratio Lower Upper

63 100

98 7.6 4.3 12.8

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

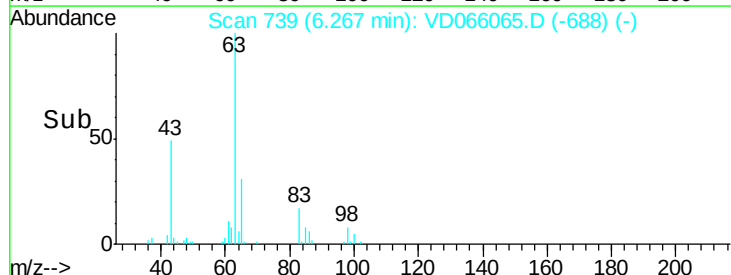
30000

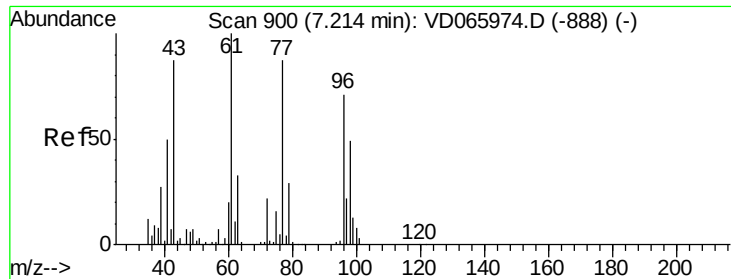
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.979 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 43 Resp: 55579

Ion Ratio Lower Upper

43 100

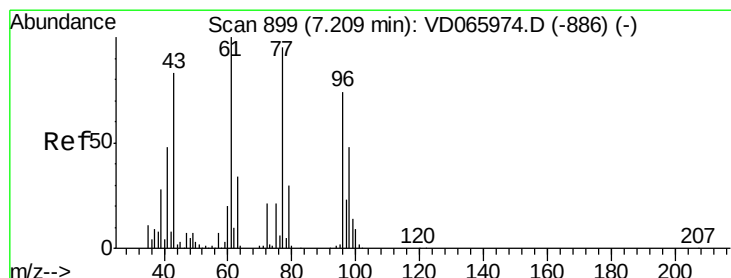
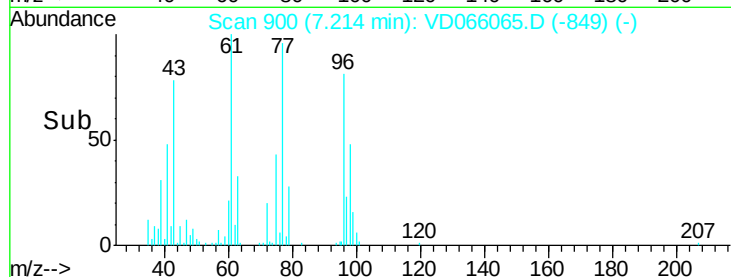
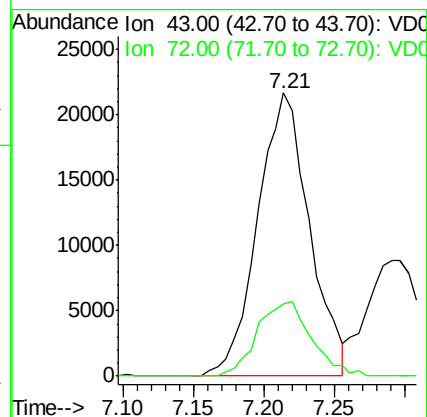
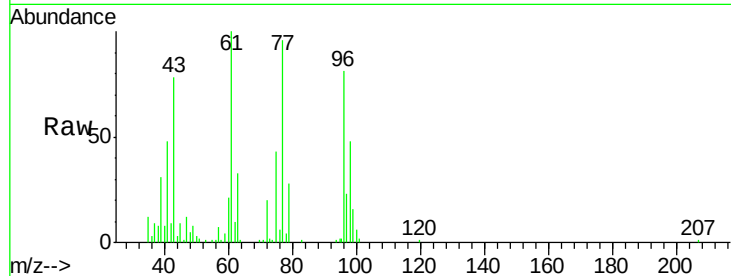
72 25.6 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.046 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066065.D

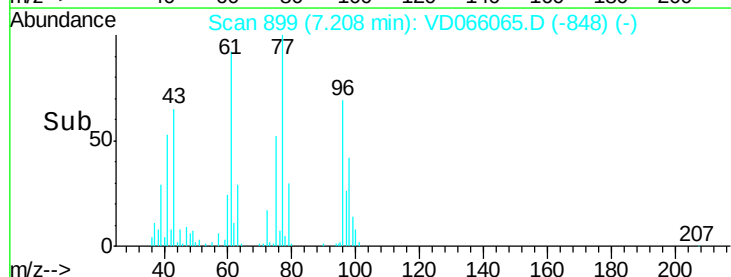
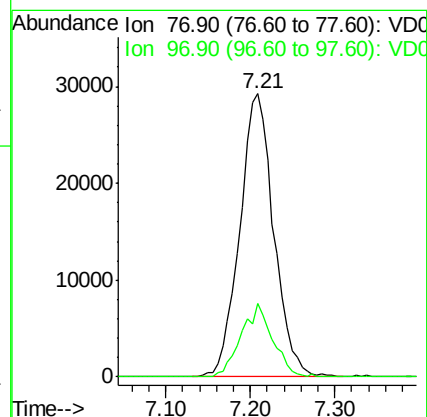
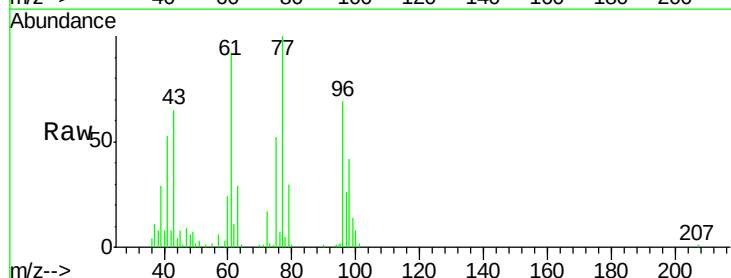
Acq: 27 Jul 2020 14:14

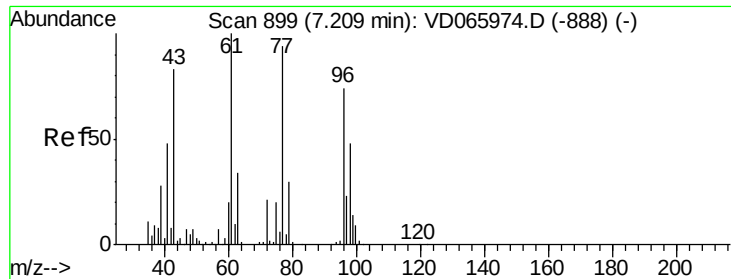
Tgt Ion: 77 Resp: 81549

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.7





#27

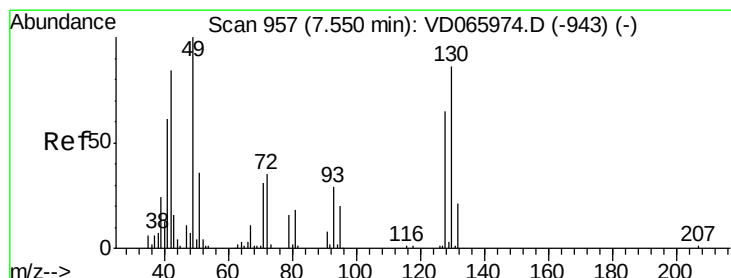
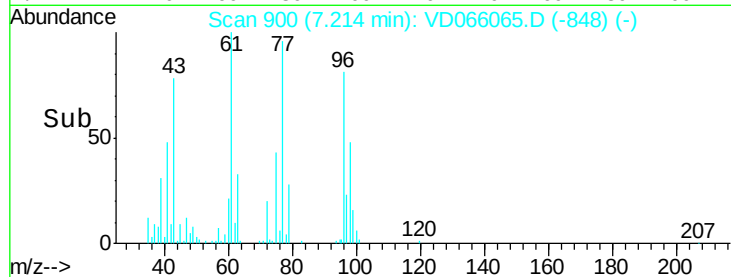
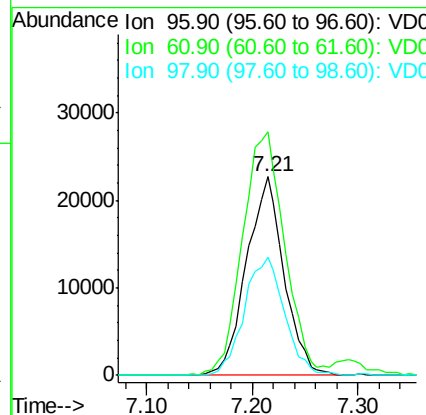
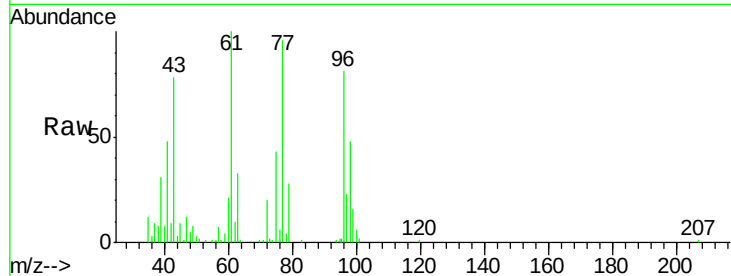
cis-1,2-Dichloroethene
 Concen: 20.444 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	55925		
61	137.9		0.0	276.6
98	63.8		0.0	130.8

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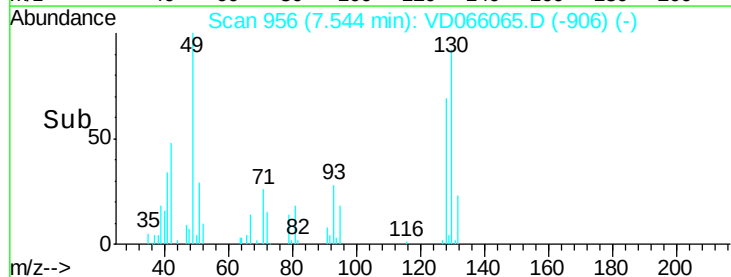
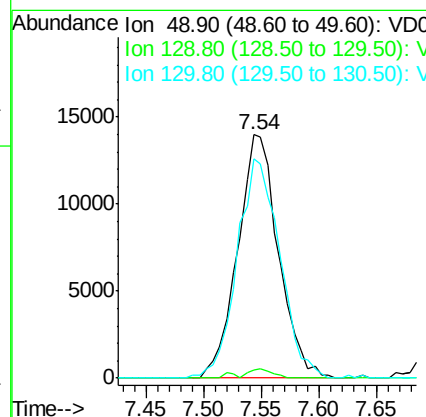
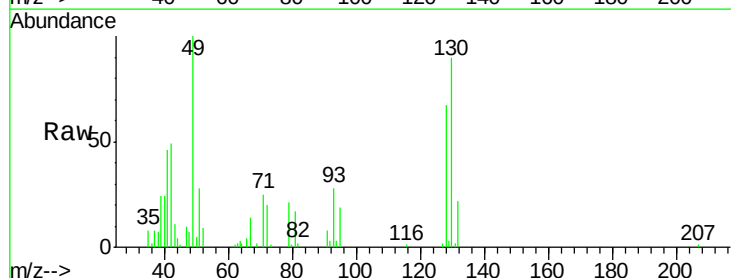
MMDadoda
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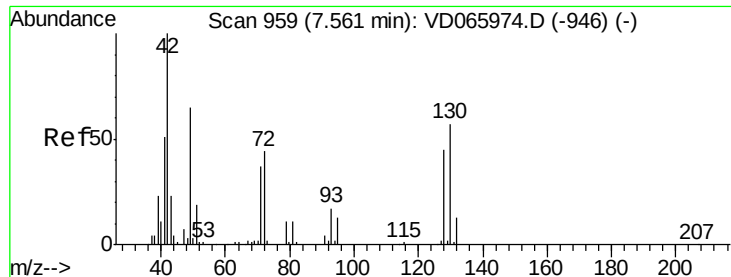


#28

Bromochloromethane
 Concen: 19.598 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34216		
129	2.2		0.0	4.8
130	94.6		68.4	102.6





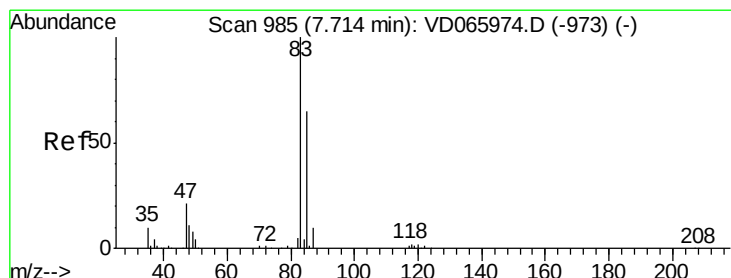
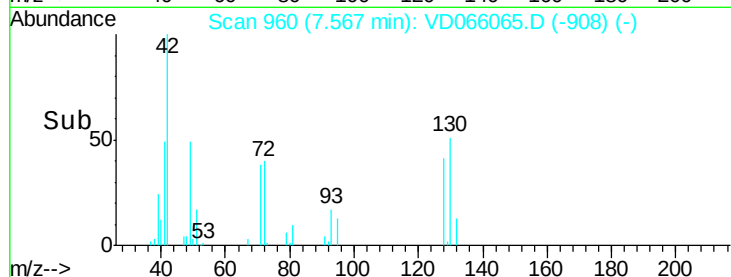
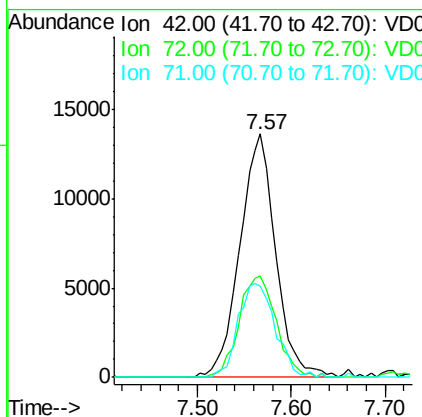
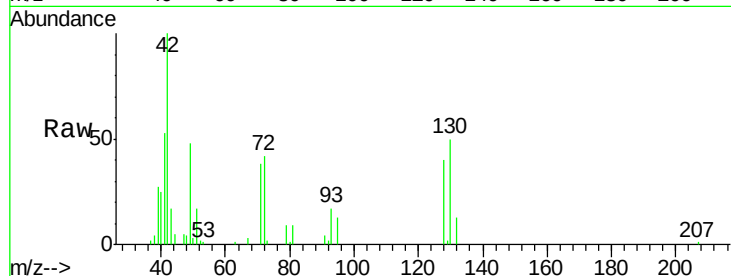
#29
Tetrahydrofuran
Concen: 96.530 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.2	51.2
71	40.0	31.4	47.2

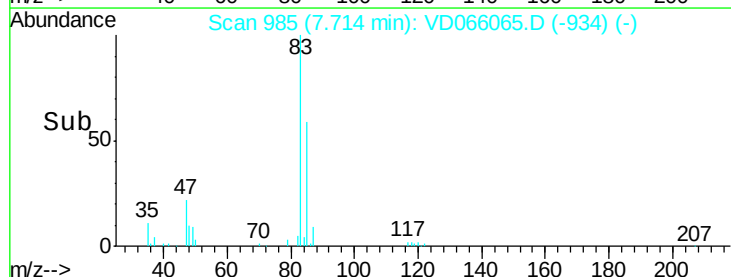
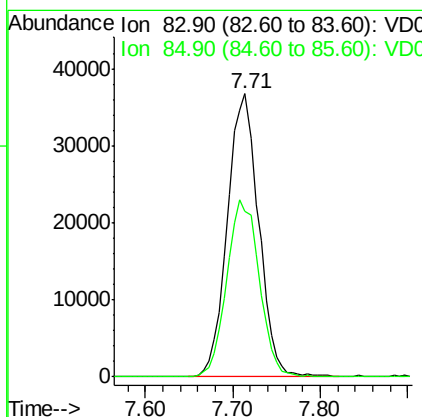
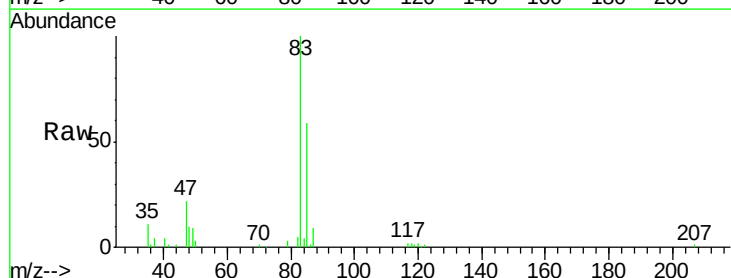
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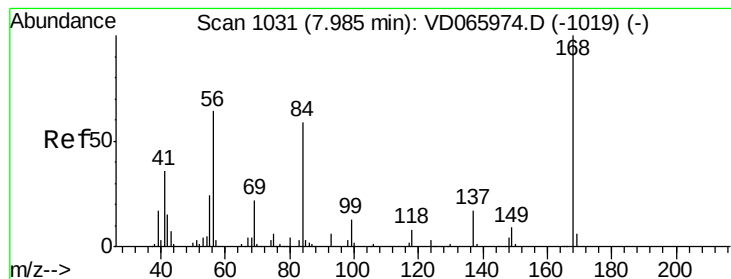
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#30
Chloroform
Concen: 20.682 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.1	78.1





#31

Cyclohexane

Concen: 19.381 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 56 Resp: 78433

Ion Ratio Lower Upper

56 100

69 45.2 28.0 42.0#

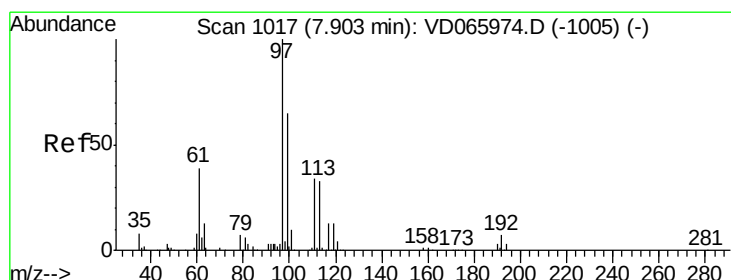
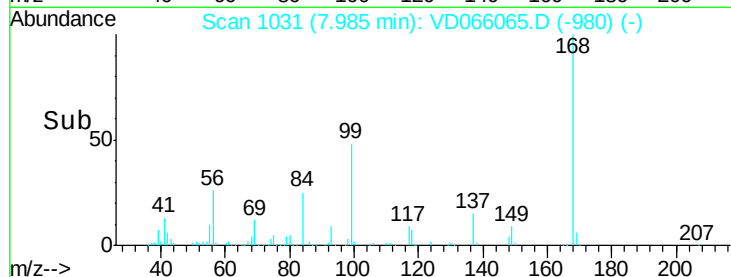
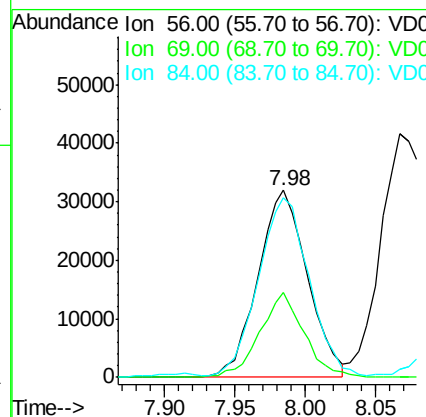
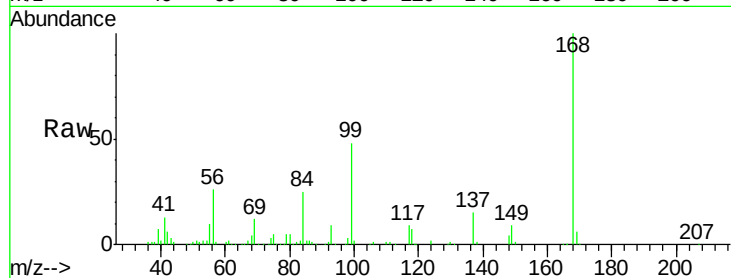
84 94.7 72.6 109.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 22.577 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

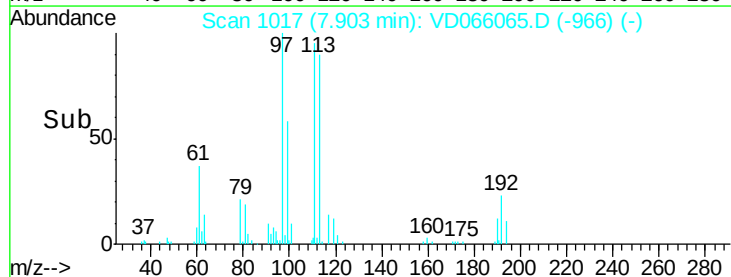
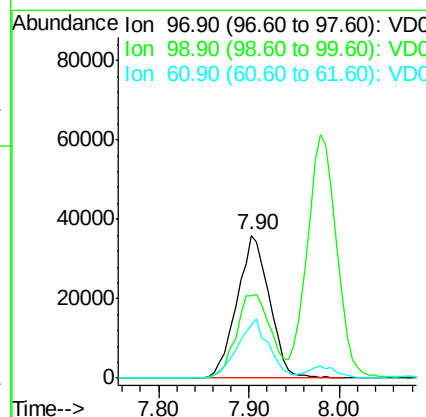
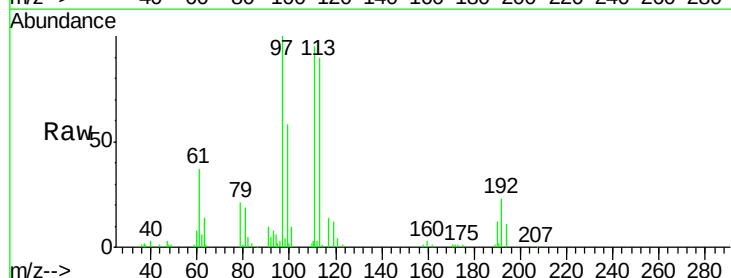
Tgt Ion: 97 Resp: 89861

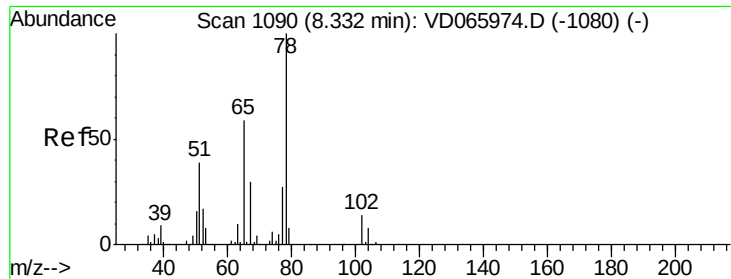
Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.6

61 39.4 33.3 49.9





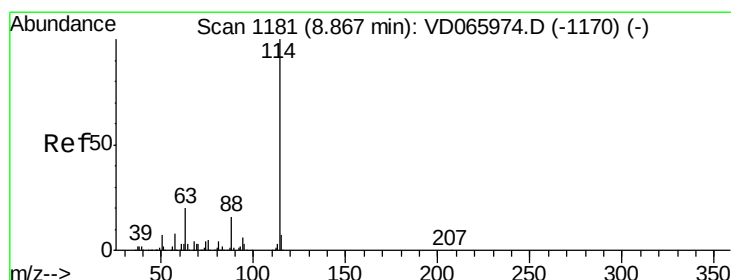
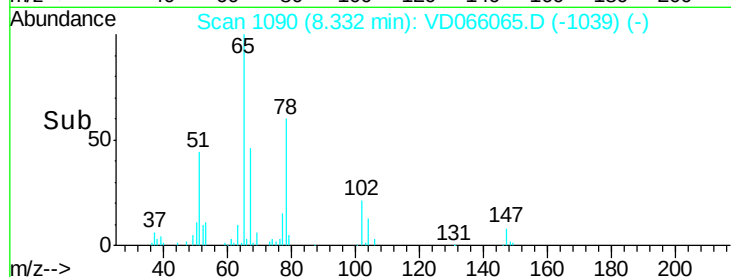
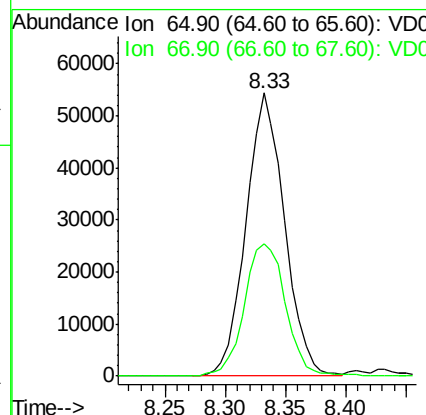
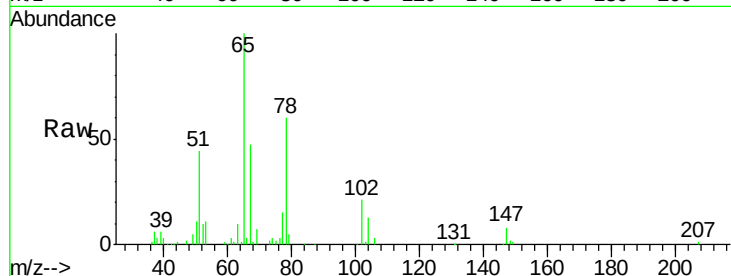
#33
 1,2-Dichloroethane-d4
 Concen: 53.890 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.0

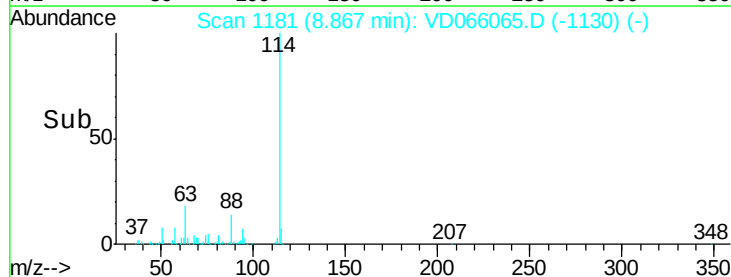
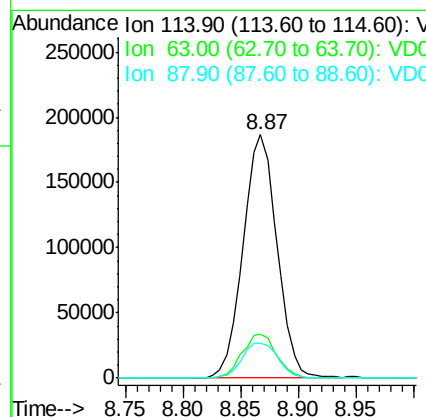
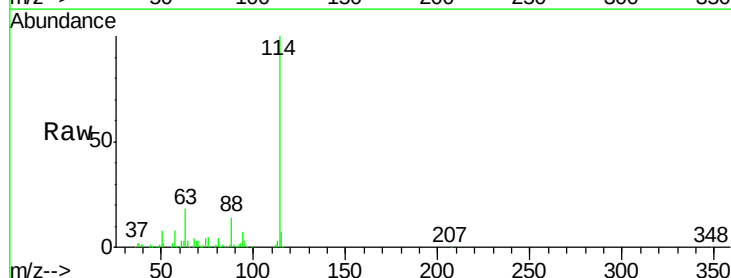
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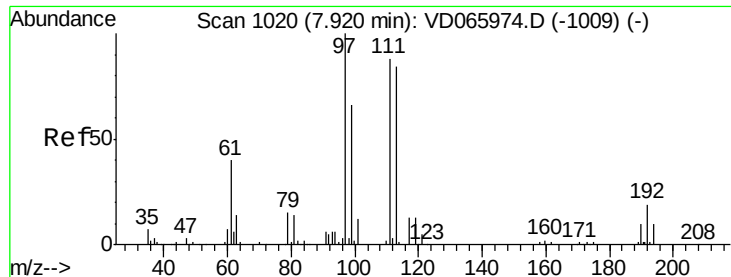
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.6
88	14.4	0.0	31.2





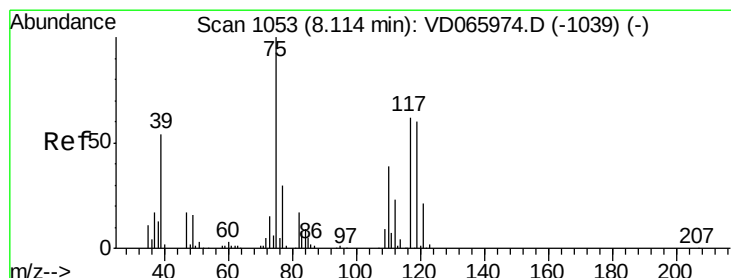
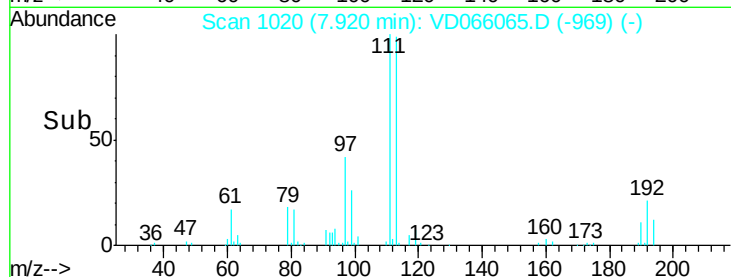
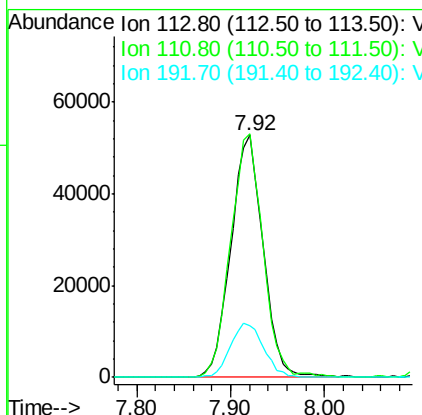
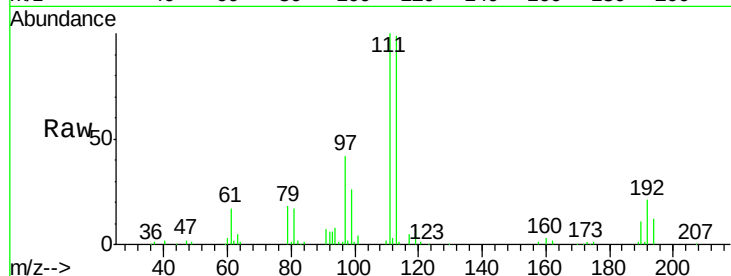
#35
 Dibromofluoromethane
 Concen: 54.294 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125482		
111	101.0	83.2	124.8	
192	22.9	18.7	28.1	

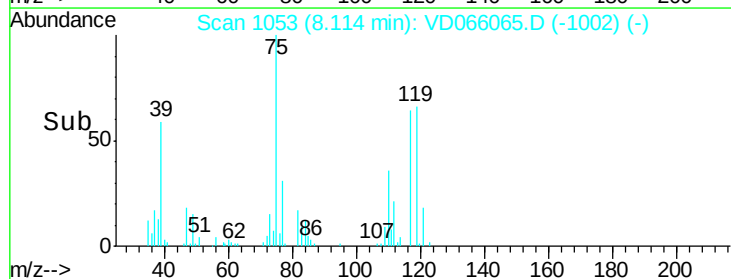
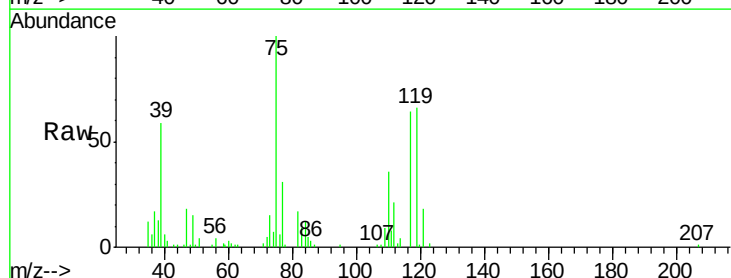
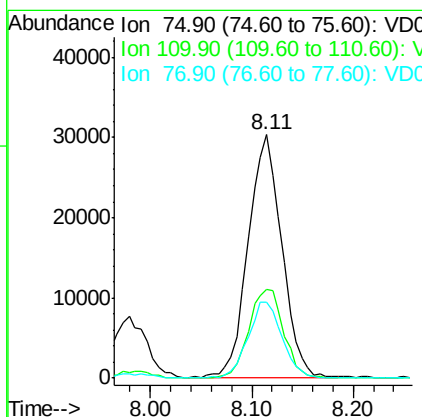
Manual Integrations
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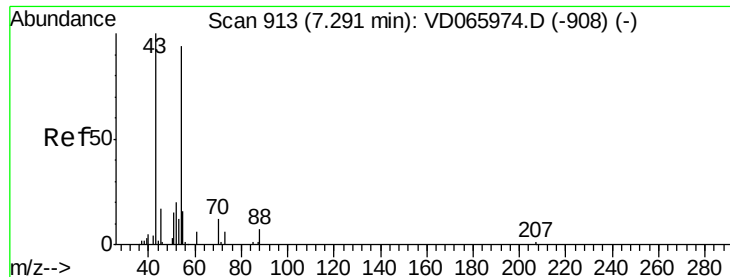
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#36
 1,1-Dichloropropene
 Concen: 21.549 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70077		
110	37.5	19.5	58.5	
77	31.7	24.7	37.1	





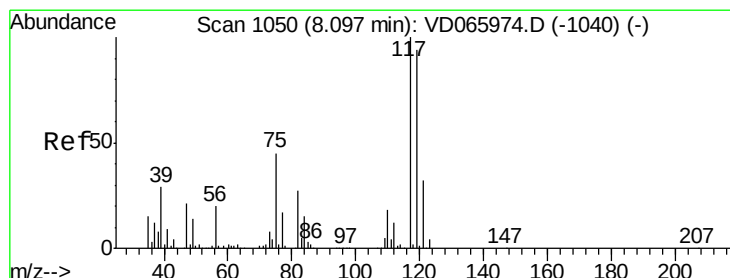
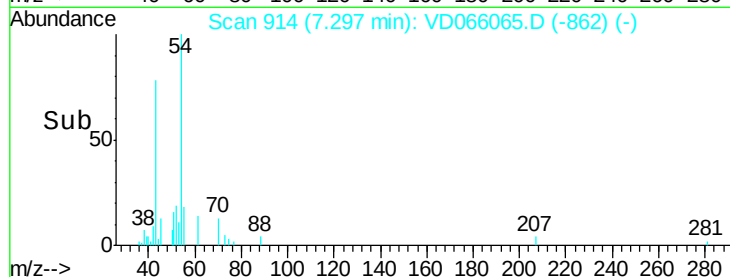
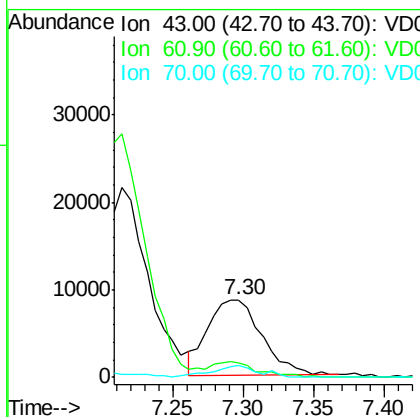
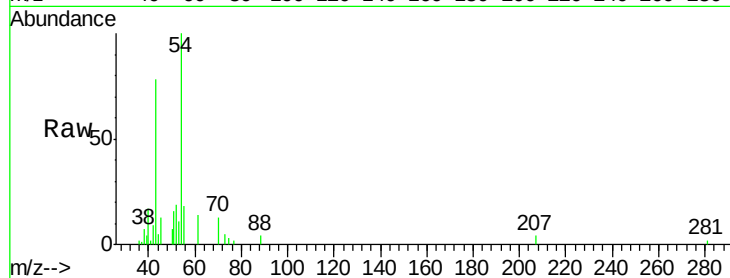
#37
Ethyl Acetate
Concen: 18.670 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.4	17.0
70	13.5	9.3	13.9

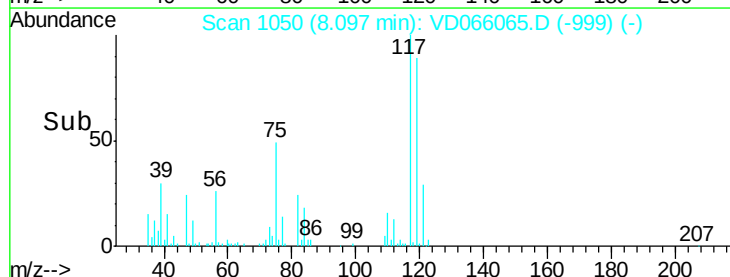
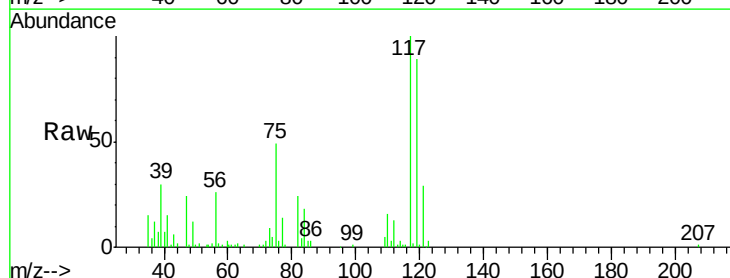
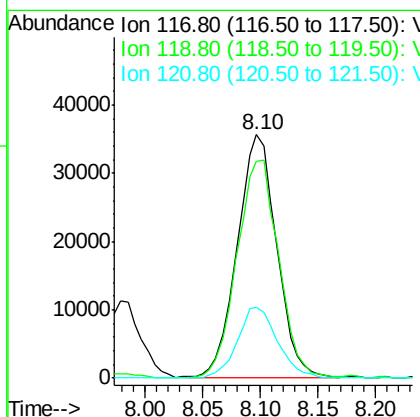
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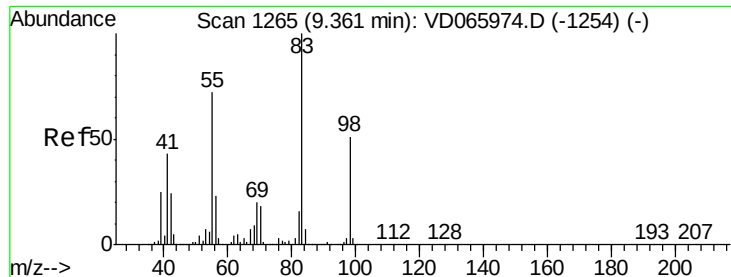
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#38
Carbon Tetrachloride
Concen: 24.078 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.8	75.0	112.6
121	29.2	25.5	38.3





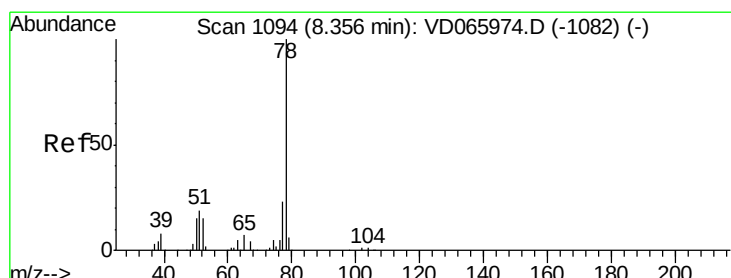
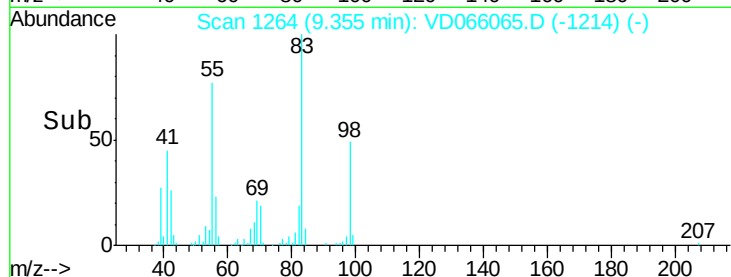
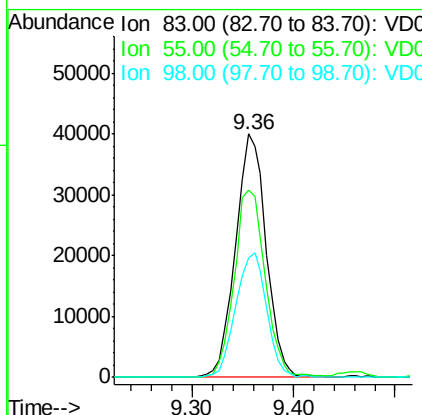
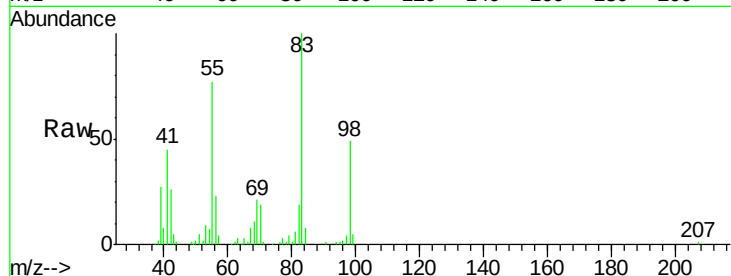
#39
Methylvlcyclohexane
Concen: 21.381 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	57.3	85.9
98	49.2	41.0	61.6

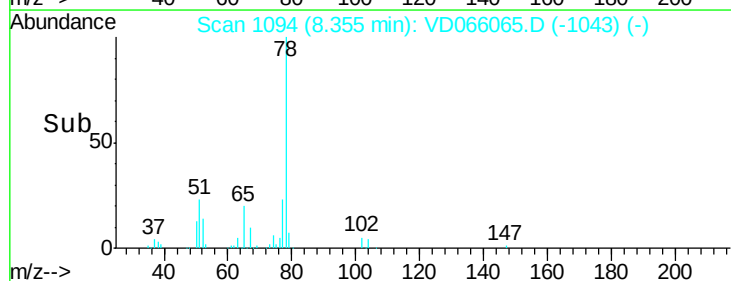
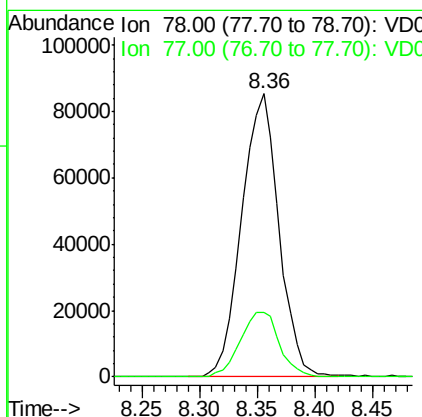
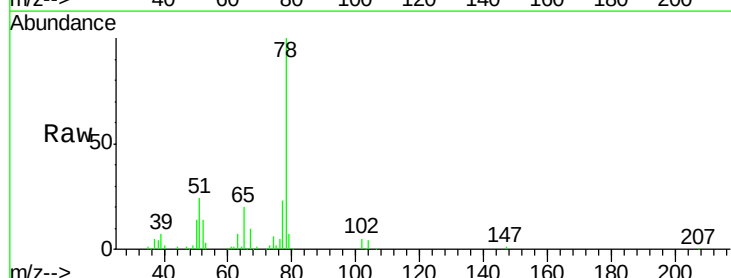
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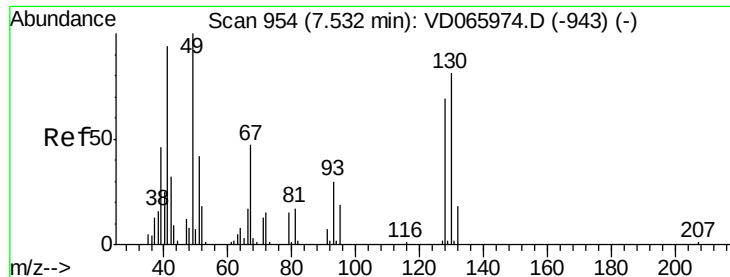
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#40
Benzene
Concen: 21.017 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	27.8





#41

Methacrylonitrile

Concen: 19.682 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 41 Resp: 14003

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

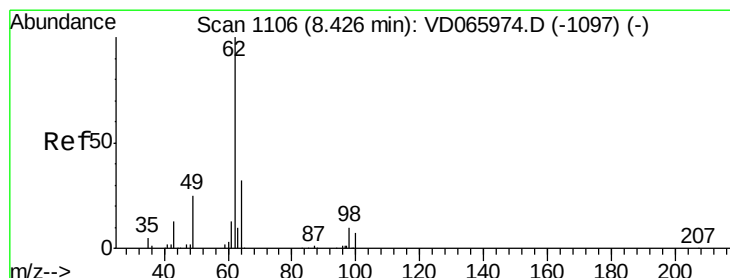
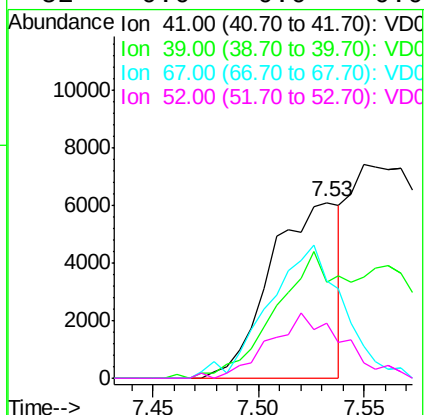
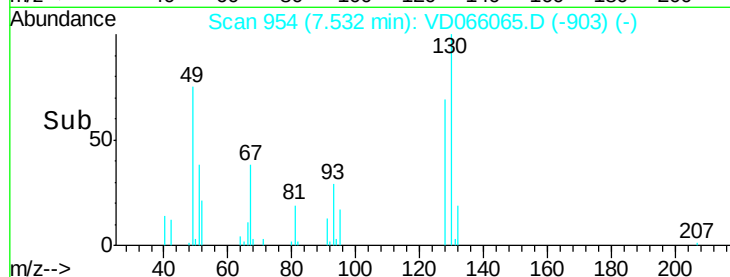
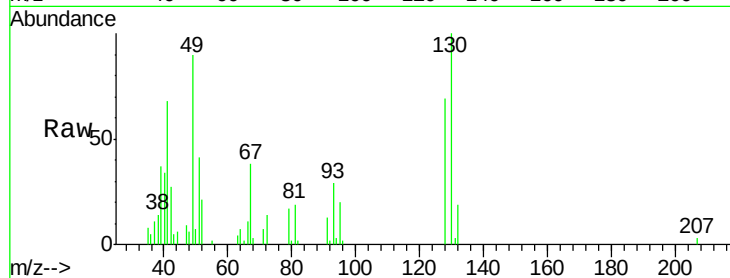
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 21.697 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD066065.D

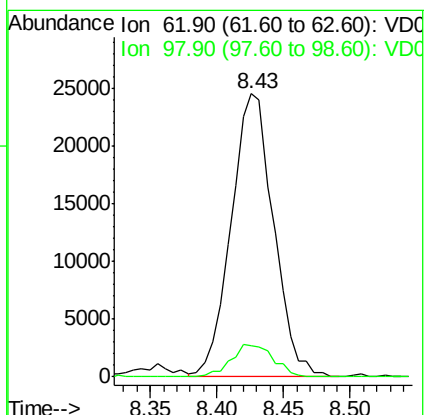
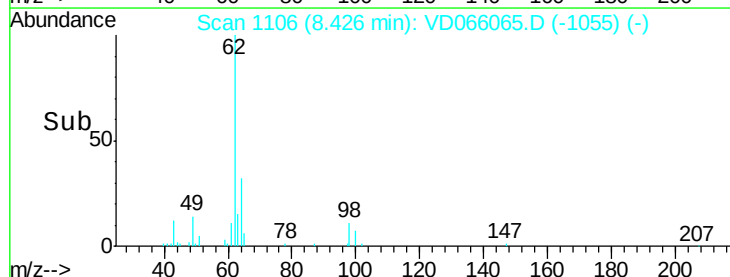
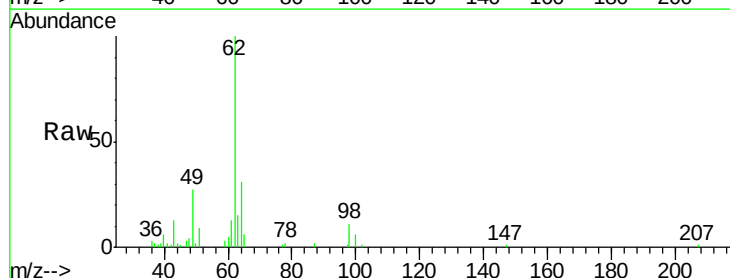
Acq: 27 Jul 2020 14:14

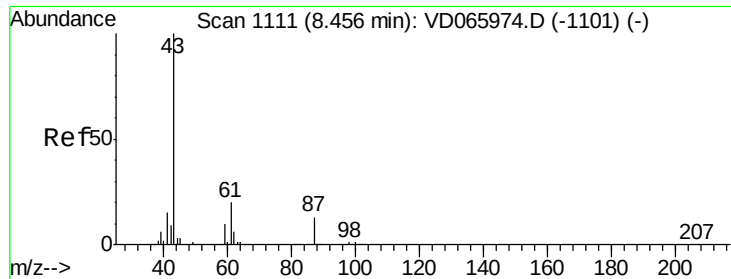
Tgt Ion: 62 Resp: 54092

Ion Ratio Lower Upper

62 100

98 11.3 0.0 21.0





#43

Isopropyl Acetate

Concen: 20.482 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

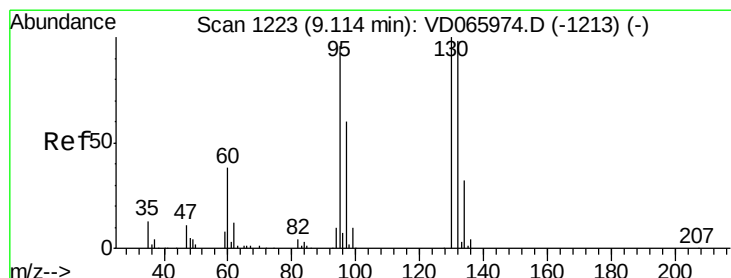
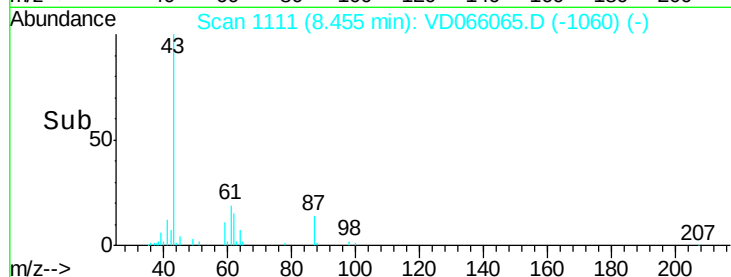
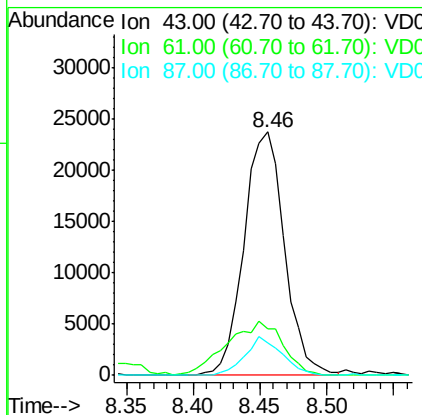
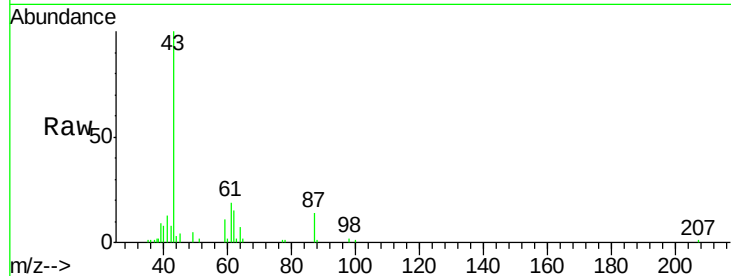
ClientSampleId :

VD0727SBS01

Tot Ion:	43	Resp:	49684
Ion	Ratio	Lower	Upper
43	100		
61	30.8	25.8	38.8
87	14.4	10.9	16.3

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#44

Trichloroethene

Concen: 21.629 ug/l

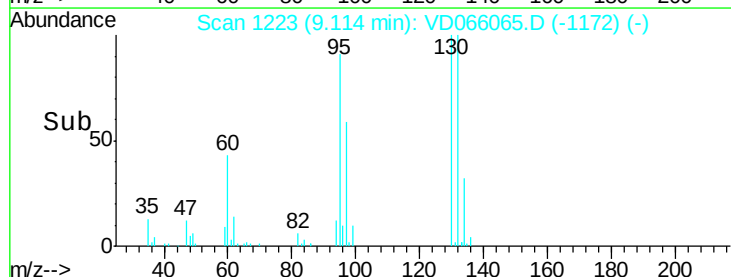
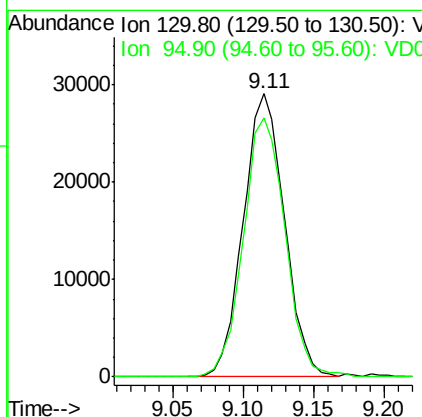
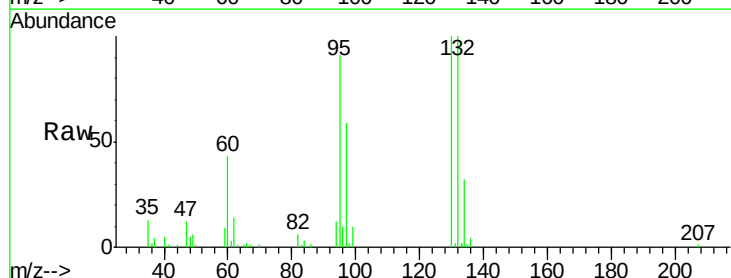
RT: 9.11 min Scan# 1223

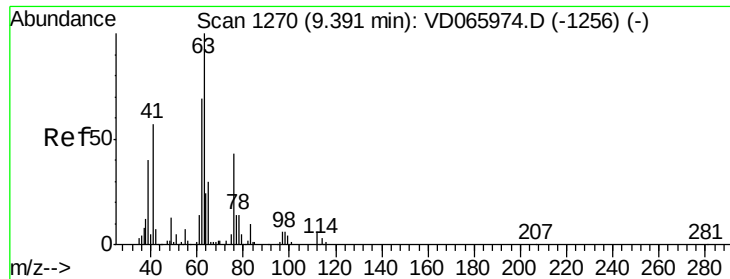
Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion:	130	Resp:	59549
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	191.6





#45

1,2-Dichloropropane

Concen: 20.613 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 63 Resp: 45420

Ion Ratio Lower Upper

63 100

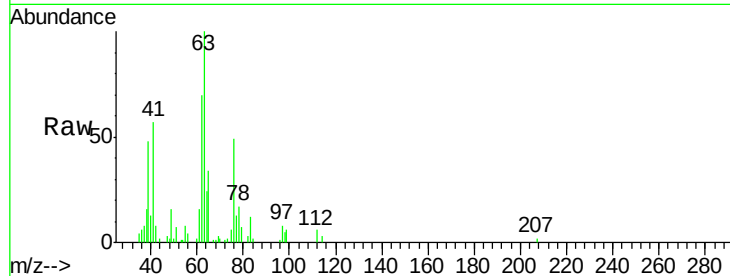
65 33.6 24.0 36.0

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

25000

20000

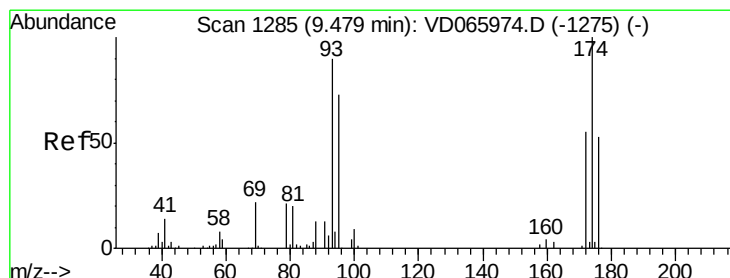
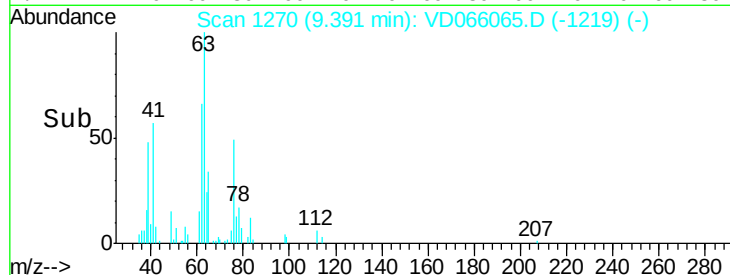
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 22.574 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

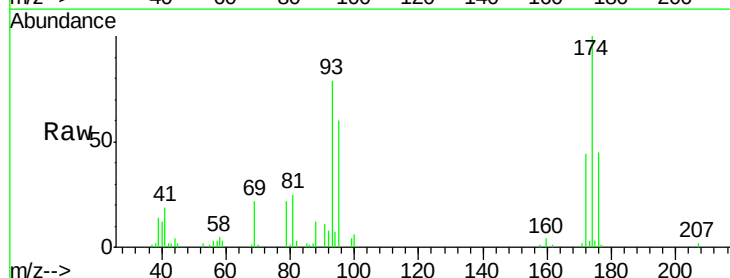
Tgt Ion: 93 Resp: 26778

Ion Ratio Lower Upper

93 100

95 78.2 66.2 99.4

174 117.7 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

20000

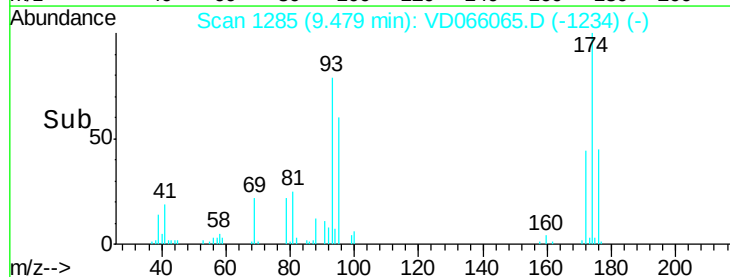
15000

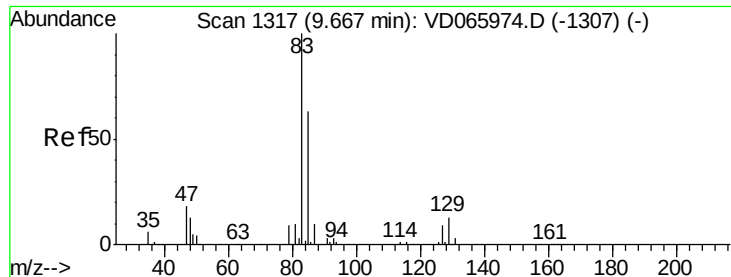
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 21.803 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

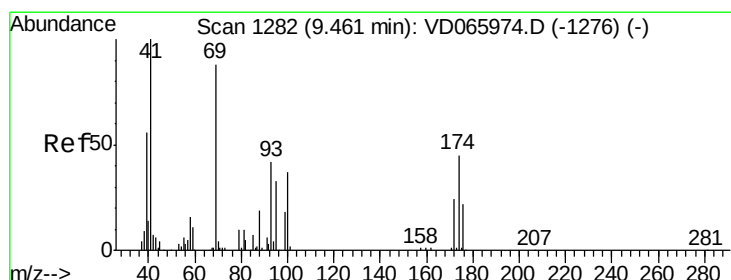
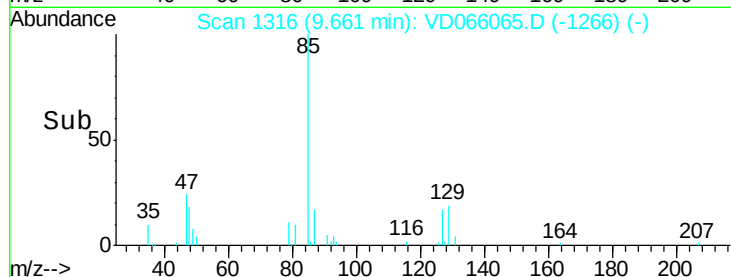
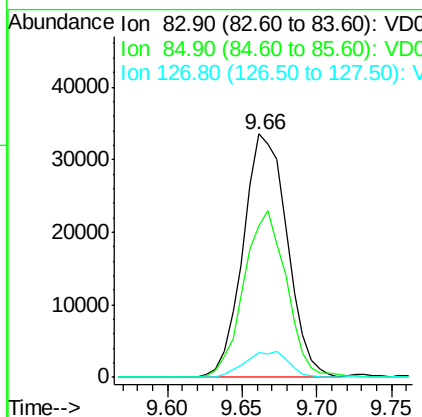
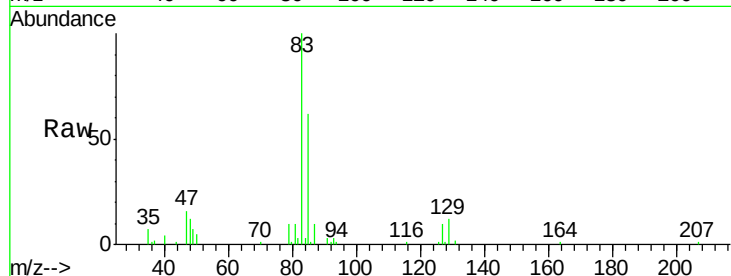
ClientSampleId :

VD0727SBS01

Tot Ion:	83	Resp:	68384
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.6	75.8
127	10.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.181 ug/l

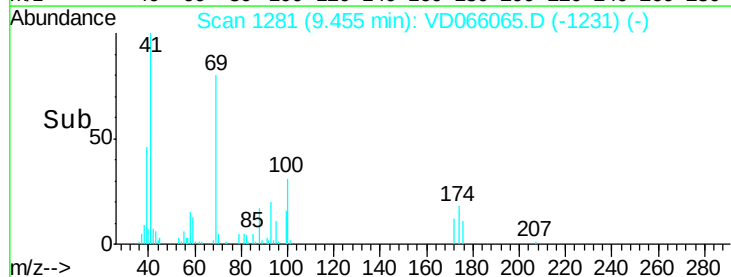
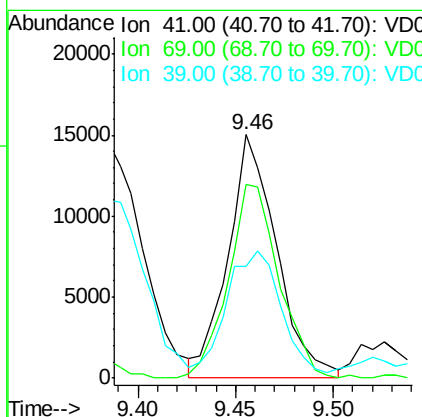
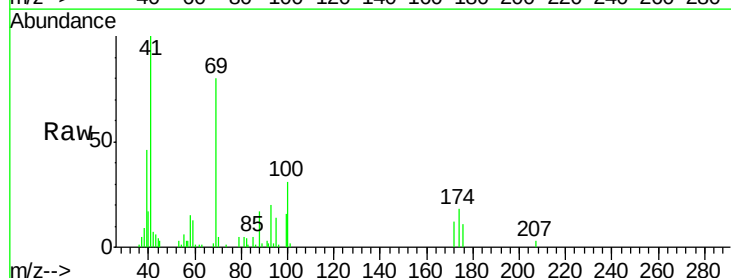
RT: 9.46 min Scan# 1281

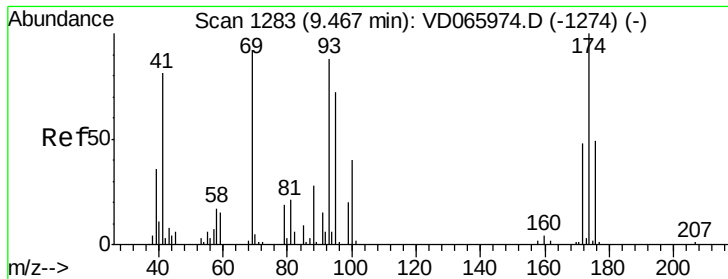
Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion:	41	Resp:	25917
Ion	Ratio	Lower	Upper
41	100		
69	83.3	65.1	97.7
39	54.4	41.5	62.3





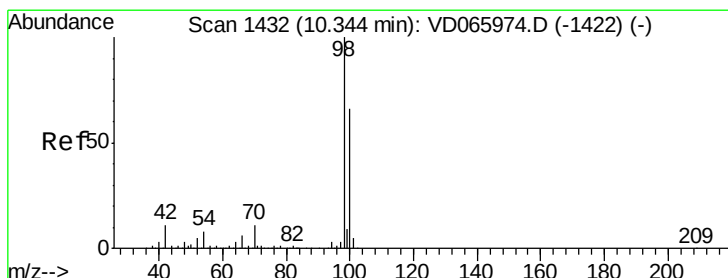
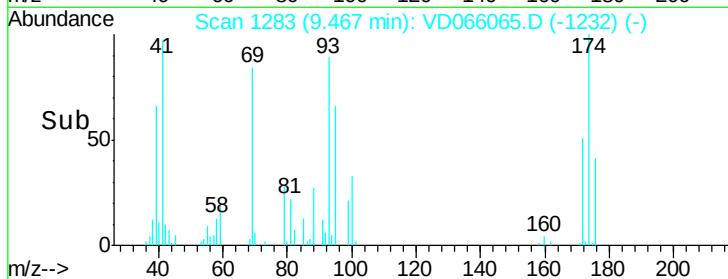
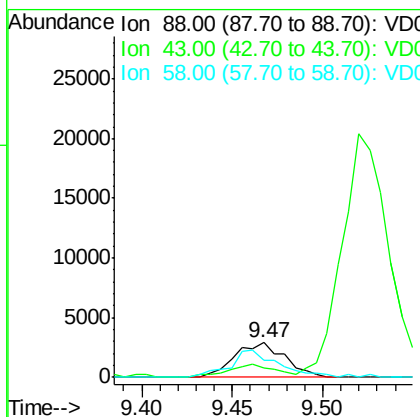
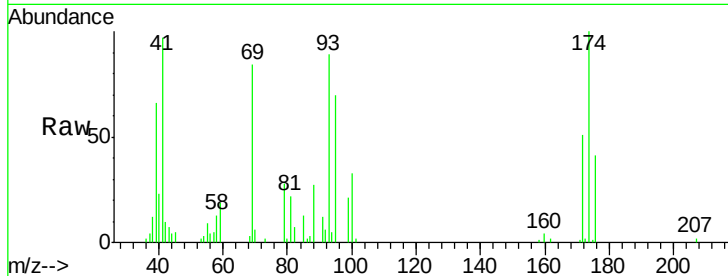
#49
1,4-Dioxane
Concen: 409.885 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	88	Resp	5633
Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.0	43.6
58	74.2	57.0	85.4

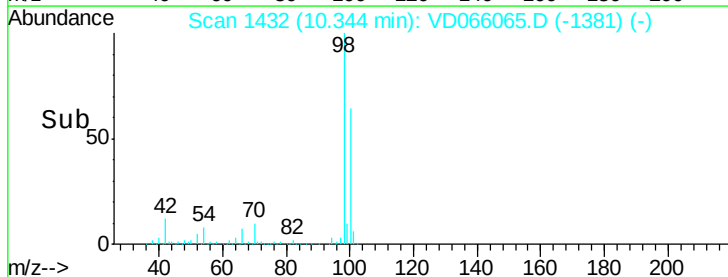
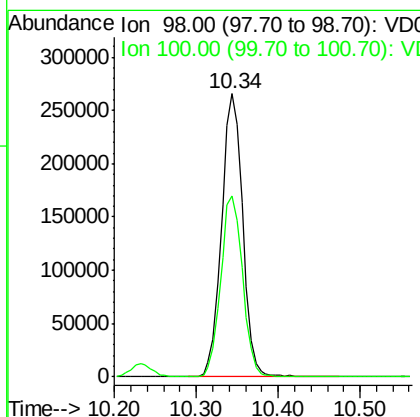
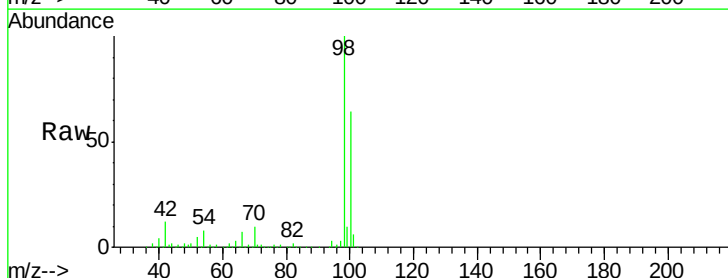
Manual Integrations
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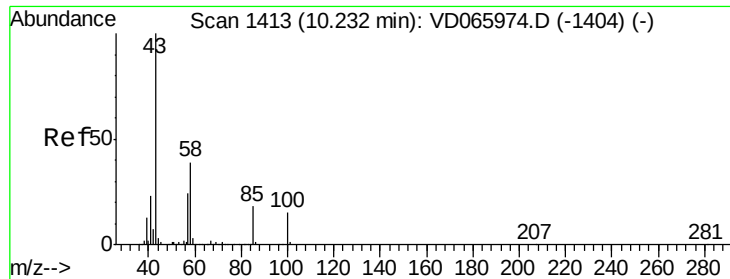
MMDadoda
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#50
Toluene-d8
Concen: 55.500 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	98	Resp	477841
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.7	79.1





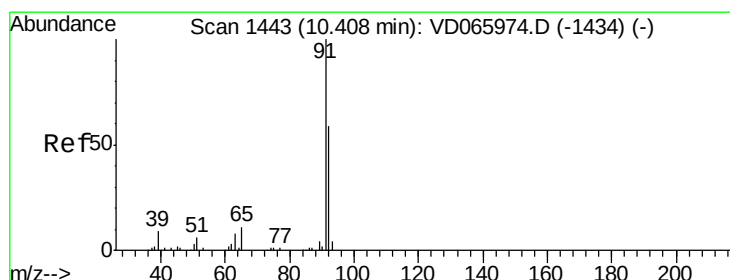
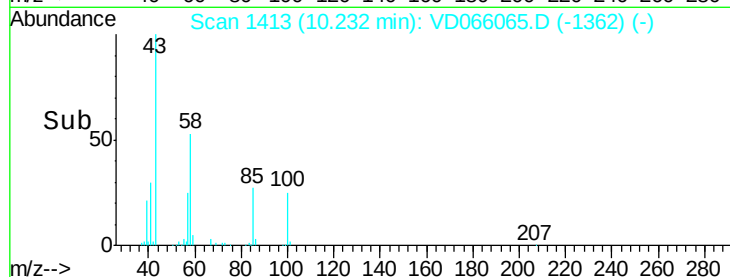
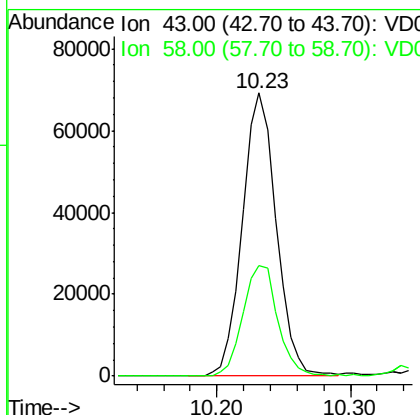
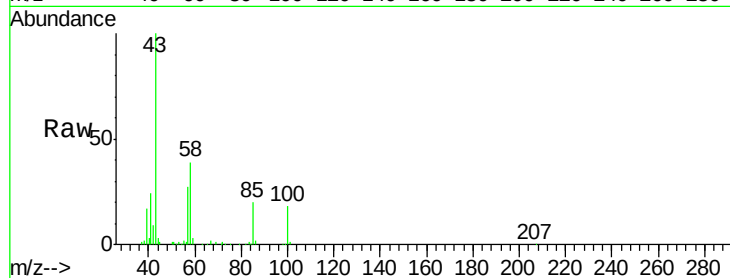
#51
4-Methyl-2-Pentanone
Concen: 99.331 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.3	46.9

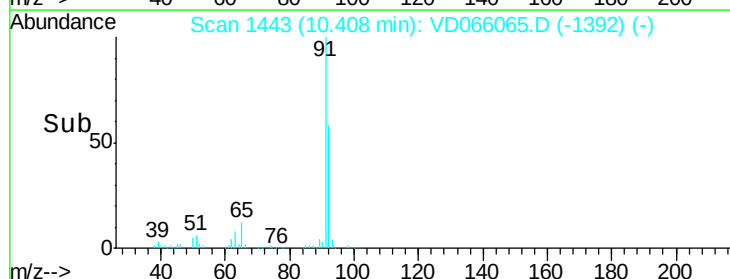
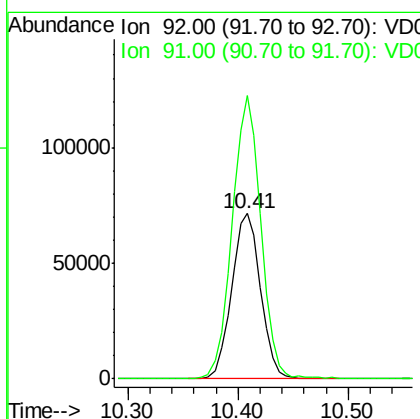
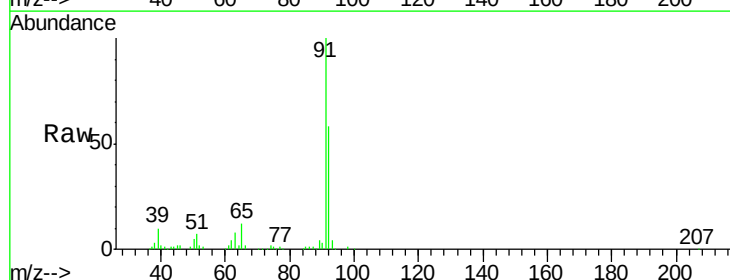
Manual Integrations
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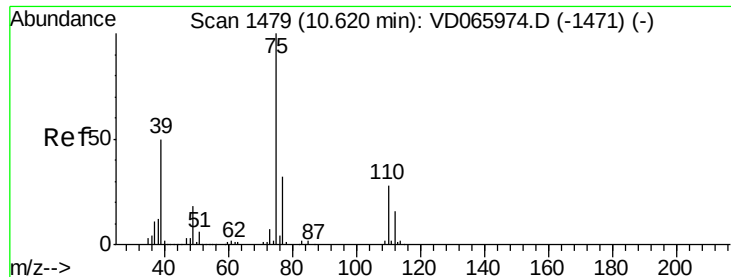
MMDadoda
7/28/2020 1:44:09 PM



#52
Toluene
Concen: 22.171 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.5	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 22.930 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 75 Resp: 67002

Ion Ratio Lower Upper

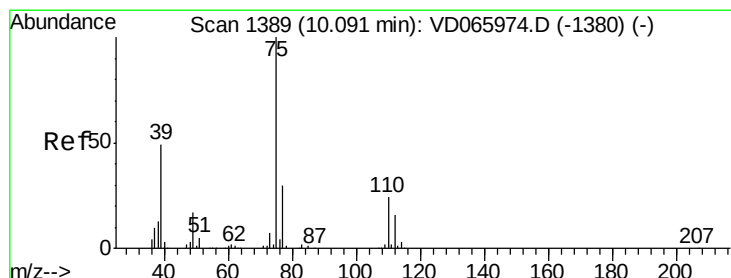
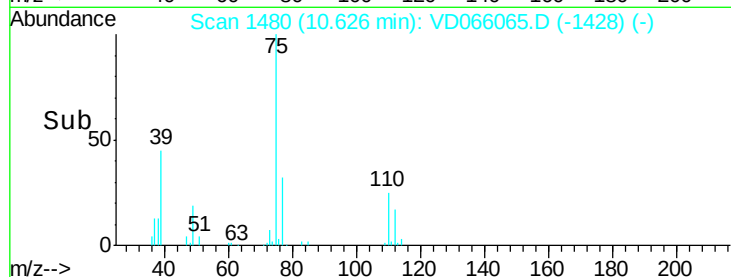
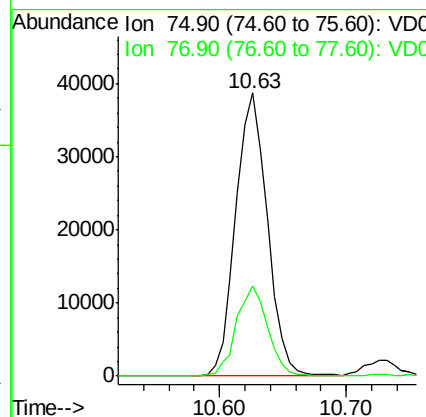
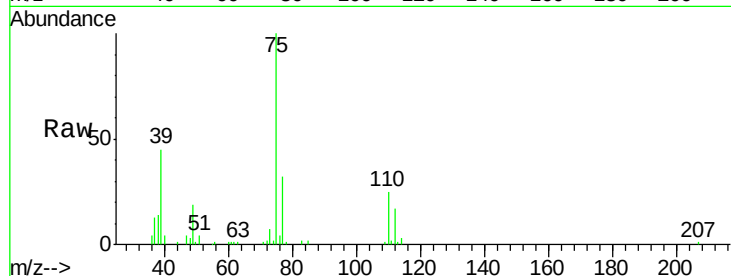
75 100

77 32.0 25.8 38.6

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.902 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

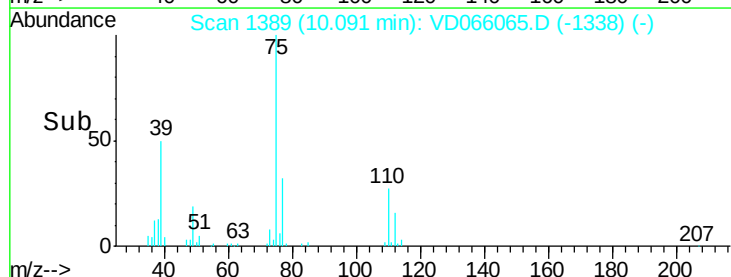
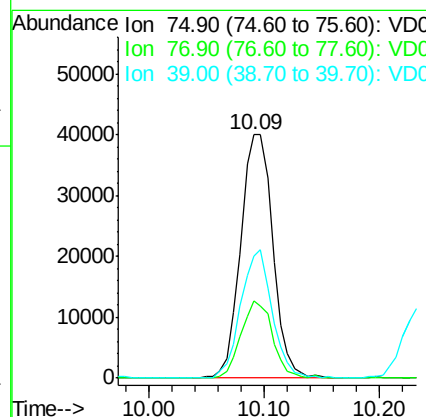
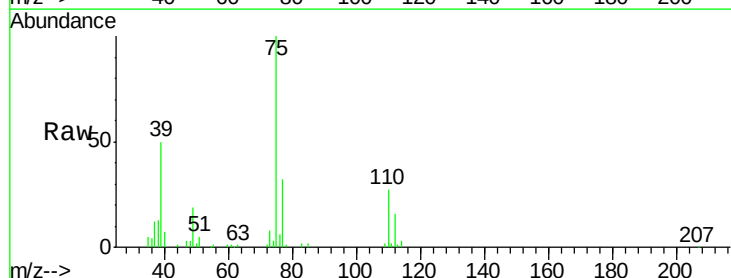
Tgt Ion: 75 Resp: 77577

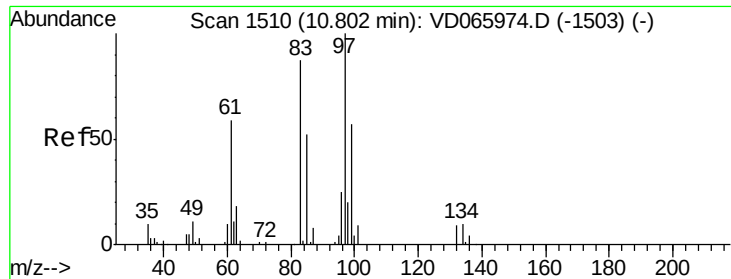
Ion Ratio Lower Upper

75 100

77 31.6 23.8 35.8

39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.702 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 97 Resp: 36510

Ion Ratio Lower Upper

97 100

83 82.8 69.7 104.5

85 48.9 41.6 62.4

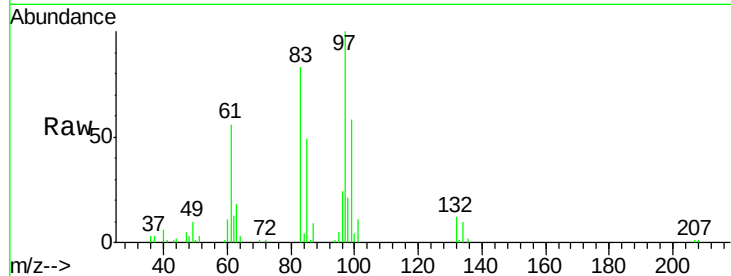
99 58.4 45.9 68.9

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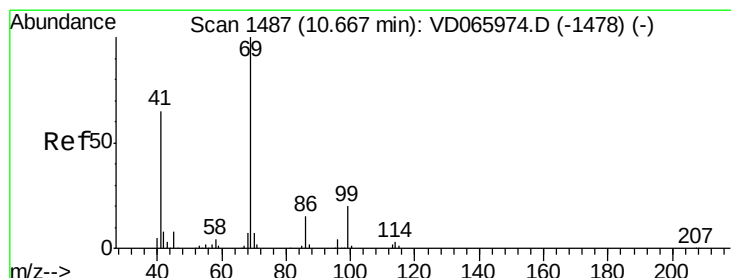
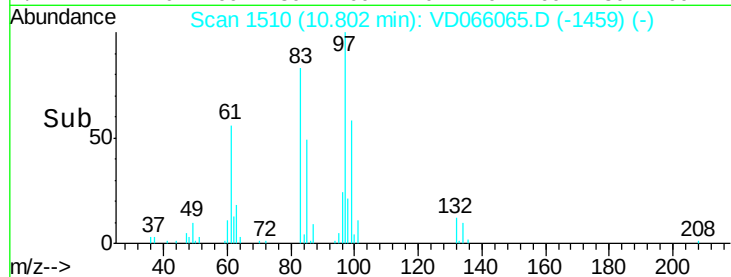
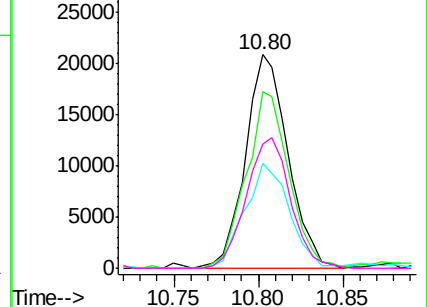


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 21.393 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion: 69 Resp: 41845

Ion Ratio Lower Upper

69 100

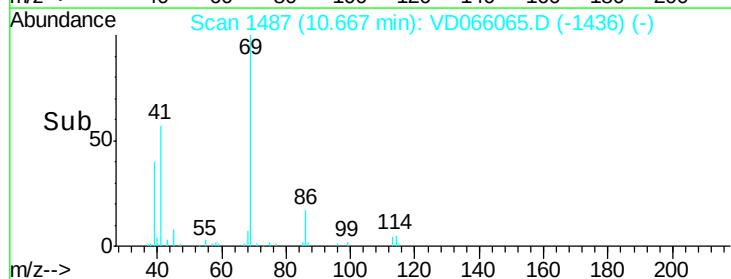
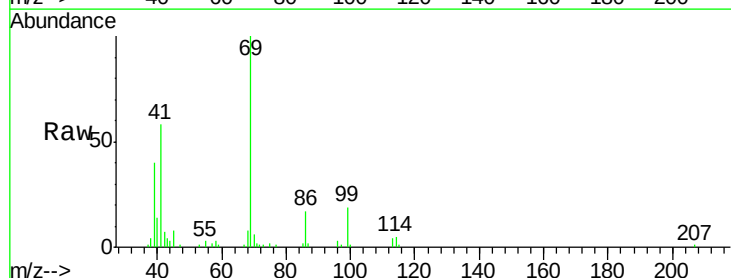
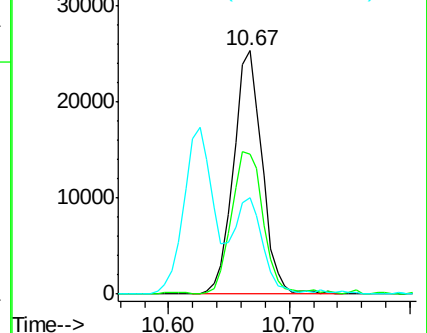
41 64.5 52.3 78.5

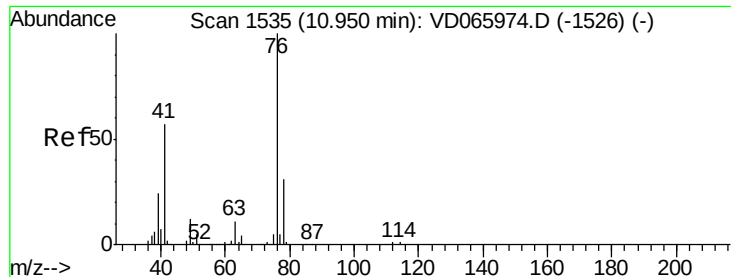
39 35.4 25.2 37.8

Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.765 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 76 Resp: 60617

Ion Ratio Lower Upper

76 100

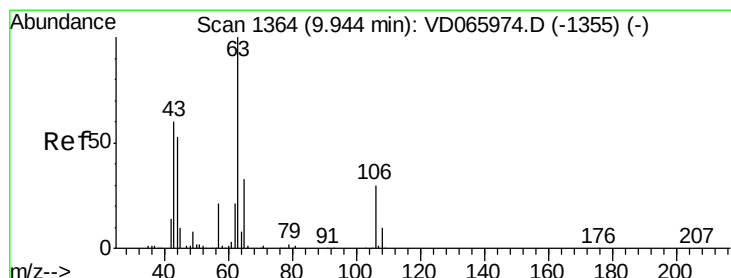
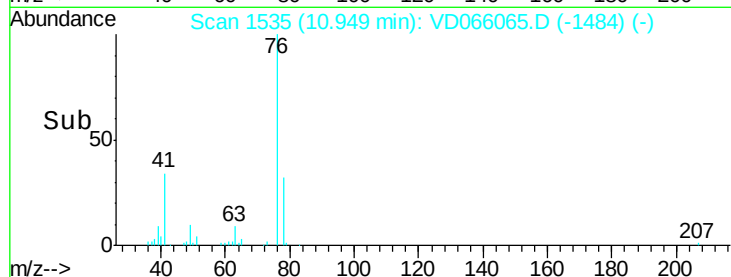
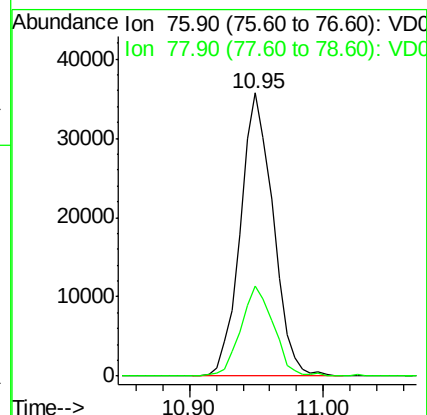
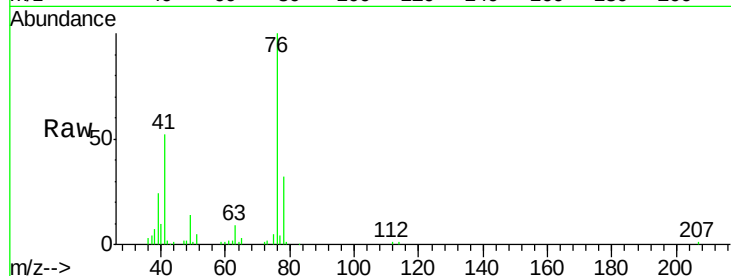
78 31.7 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 117.268 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD066065.D

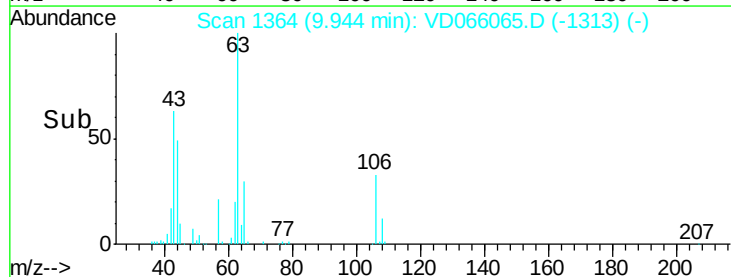
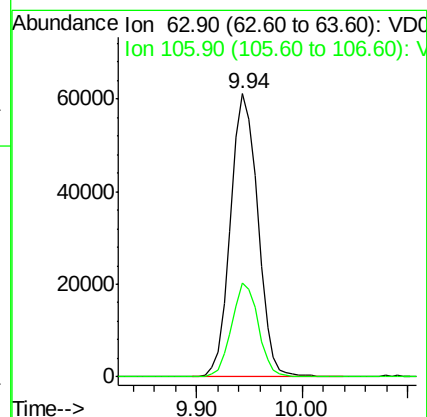
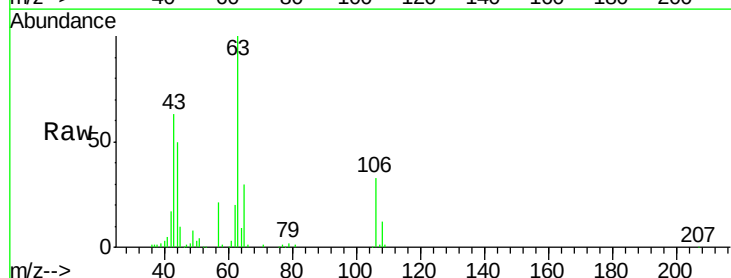
Acq: 27 Jul 2020 14:14

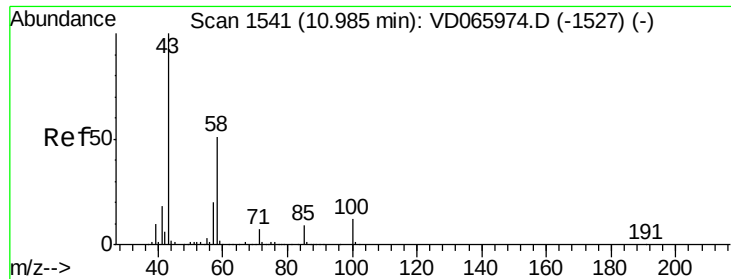
Tgt Ion: 63 Resp: 109573

Ion Ratio Lower Upper

63 100

106 32.2 24.4 36.6





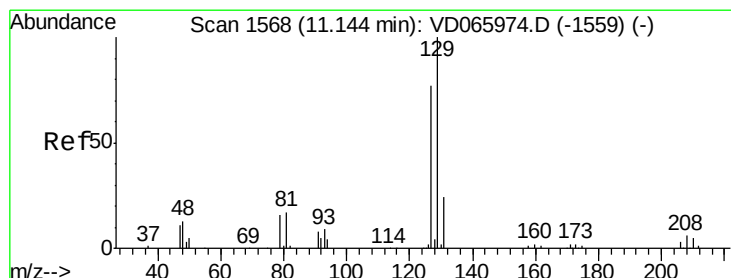
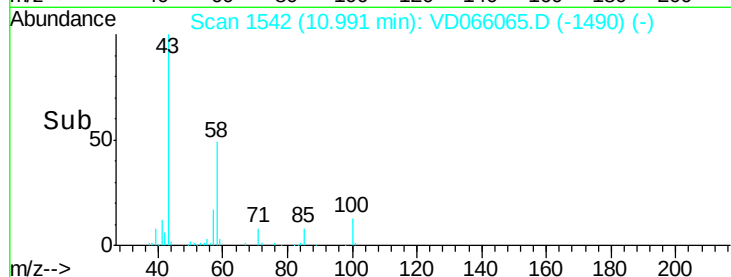
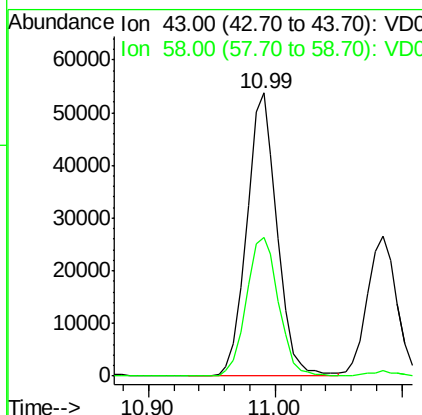
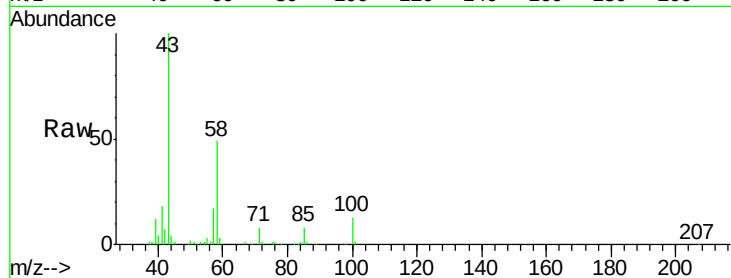
#59
2-Hexanone
Concen: 105.407 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion: 43 Resp: 89278
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.6

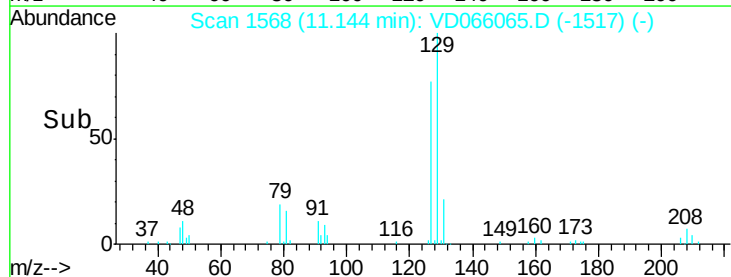
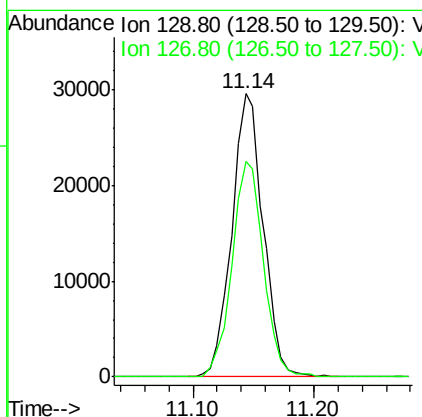
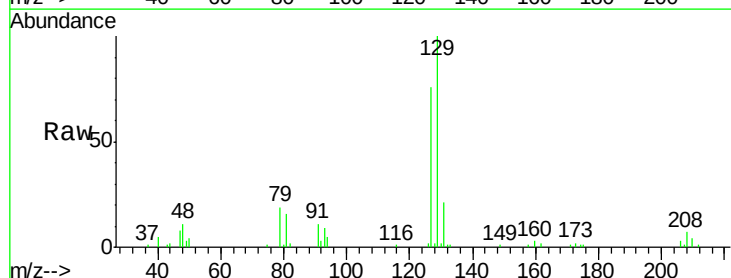
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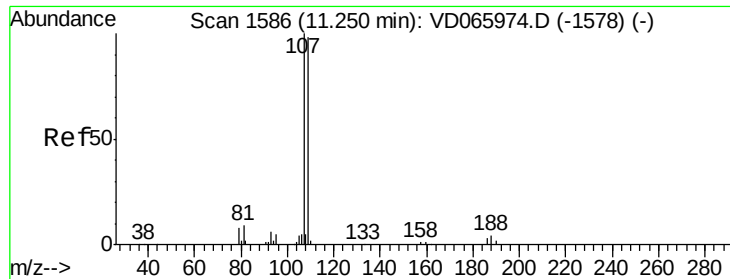
MMDadoda
7/28/2020 1:44:09 PM



#60
Dibromochloromethane
Concen: 23.498 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:129 Resp: 53300
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





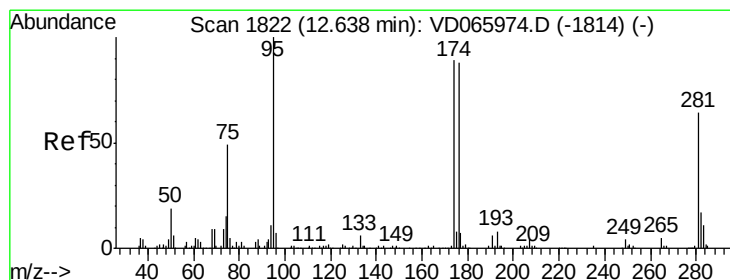
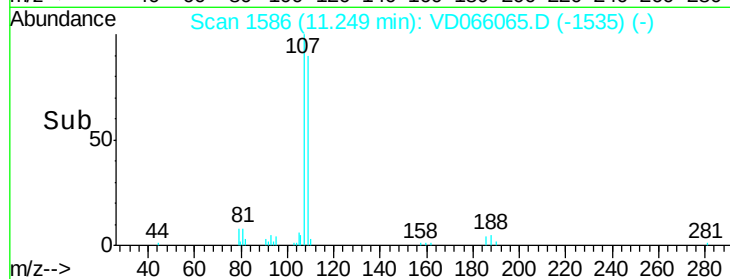
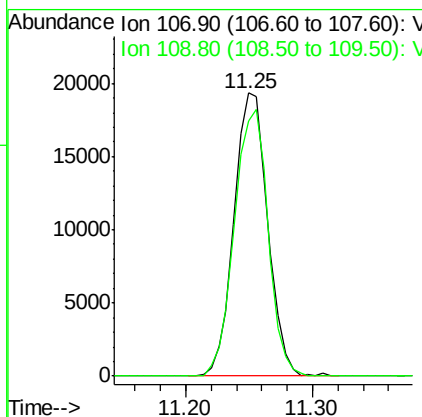
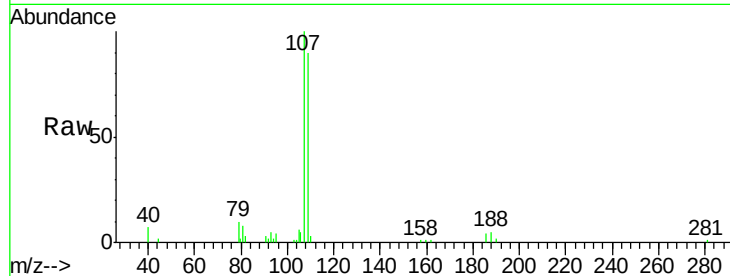
#61
 1,2-Dibromoethane
 Concen: 21.924 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

Tot Ion: 107 Resp: 35563
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4

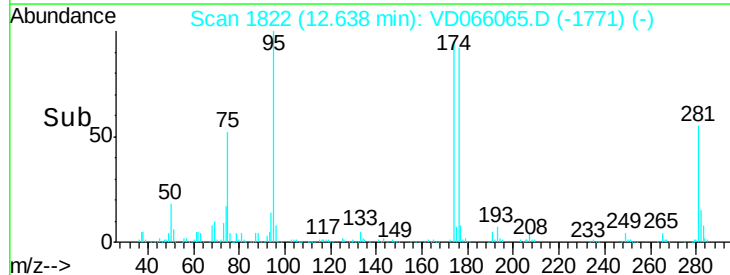
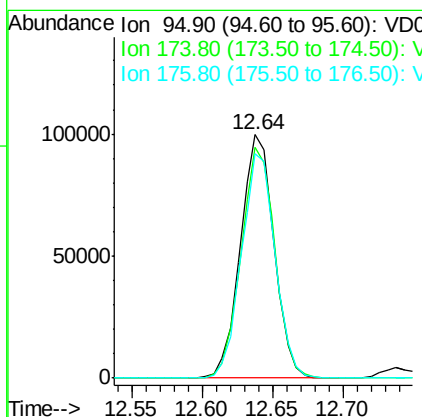
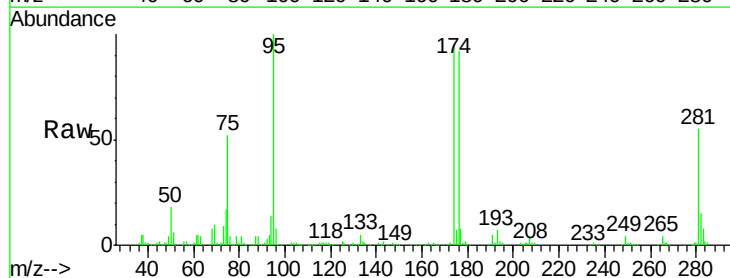
Manual Integrations
 APPROVED

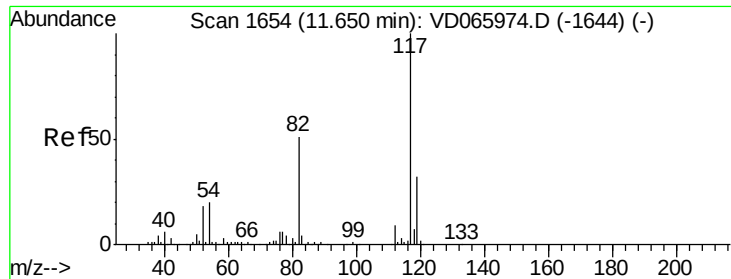
MMDadoda
 7/28/2020 1:44:09 PM



#62
 4-Bromofluorobenzene
 Concen: 55.553 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 95 Resp: 165842
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 178.8
 176 92.8 0.0 172.6





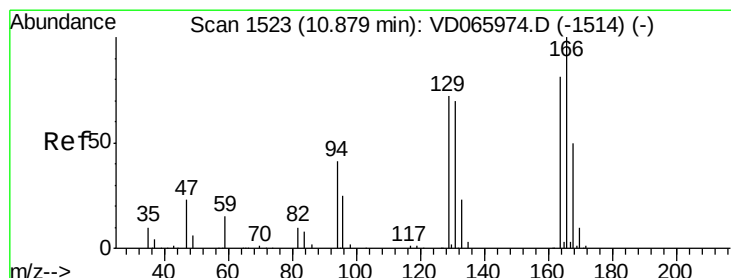
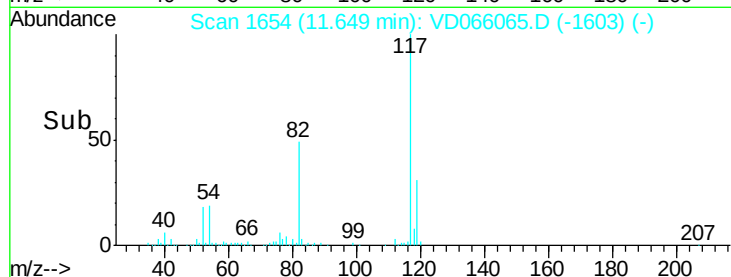
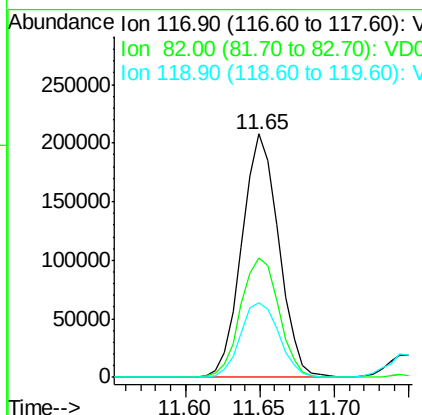
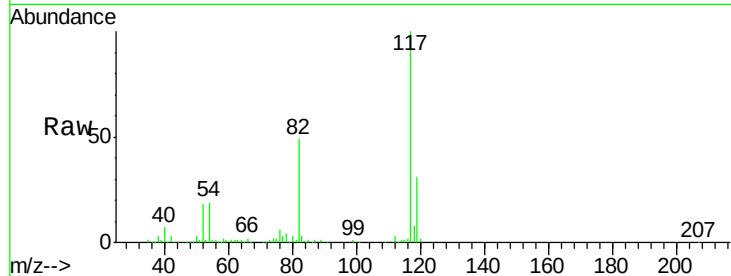
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	355730		
82	49.0		41.1	61.7
119	30.8		25.9	38.9

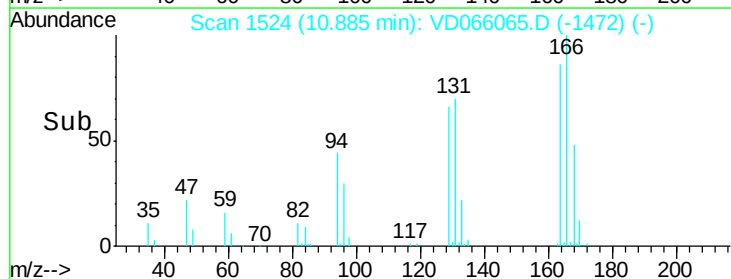
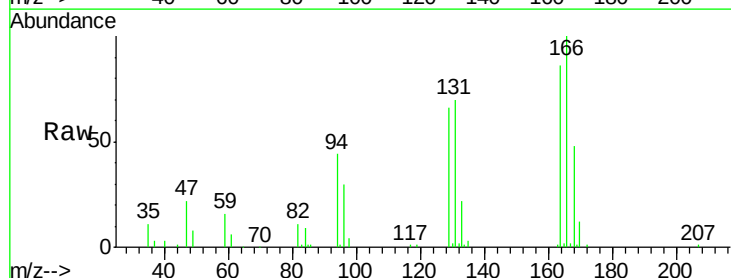
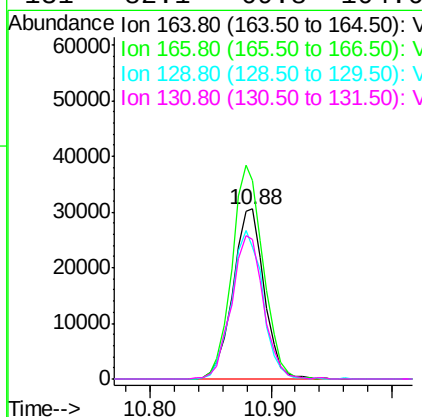
Manual Integrations
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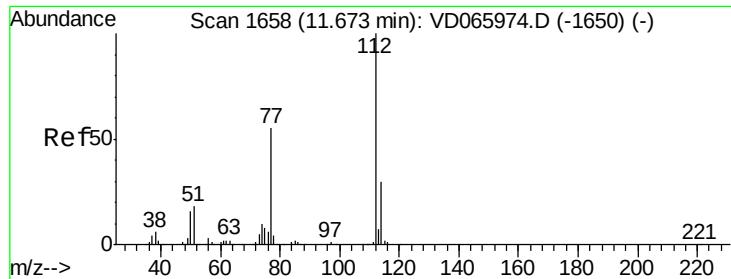
MMDadoda
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#64
Tetrachloroethene
Concen: 22.757 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54946		
166	116.6		99.1	148.7
129	77.4		71.5	107.3
131	82.1		69.8	104.6





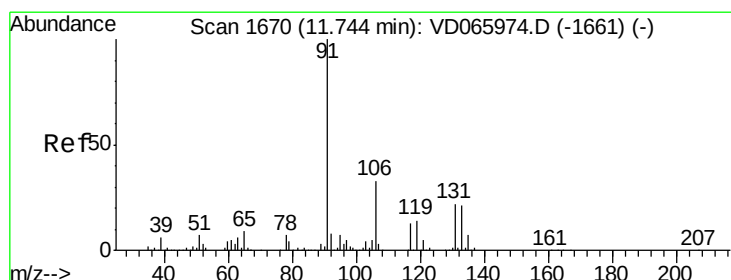
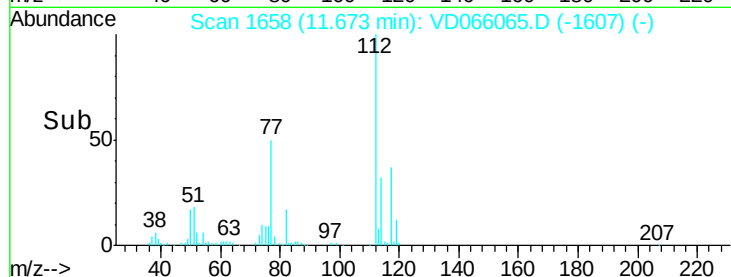
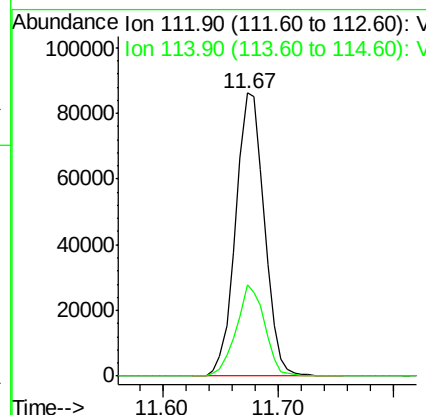
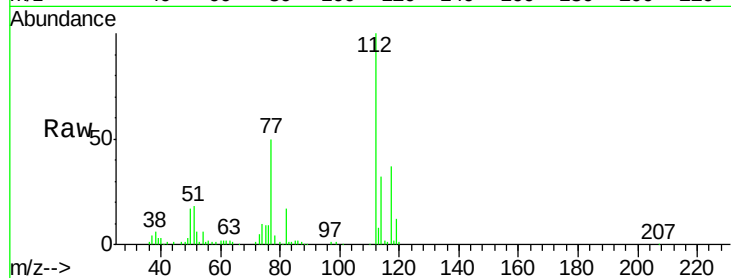
#65
Chlorobenzene
Concen: 22.822 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	24.4	36.6

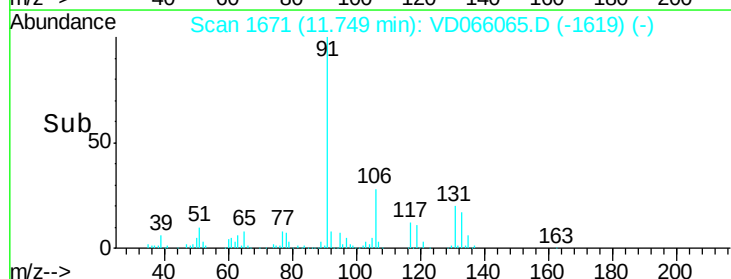
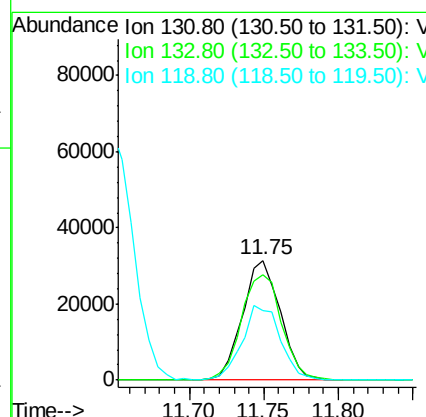
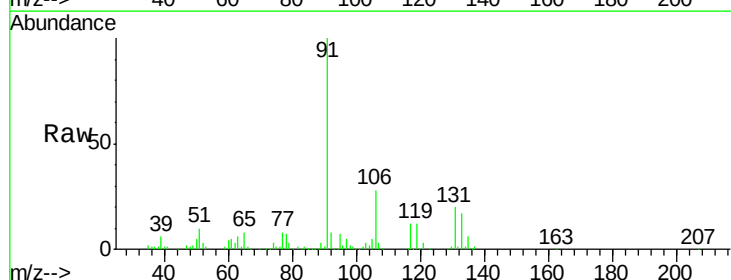
Manual Integrations
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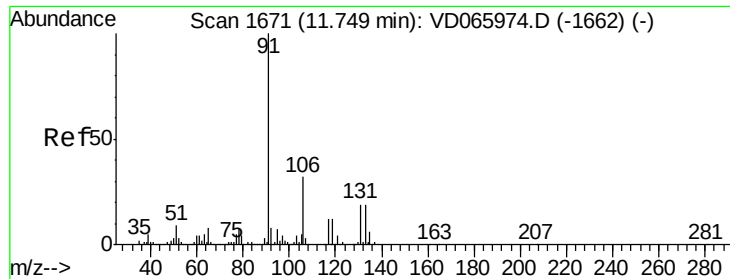
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.953 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	142.0
119	63.3	31.7	95.1





#67

Ethyl Benzene

Concen: 22.955 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 91 Resp: 257296

Ion Ratio Lower Upper

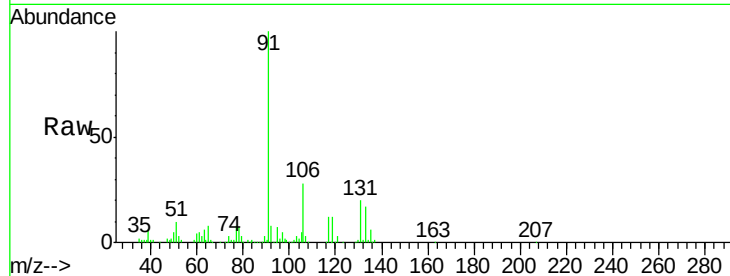
91 100

106 28.2 25.7 38.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VD065974.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD065974.D (-1662) (-)

11.75

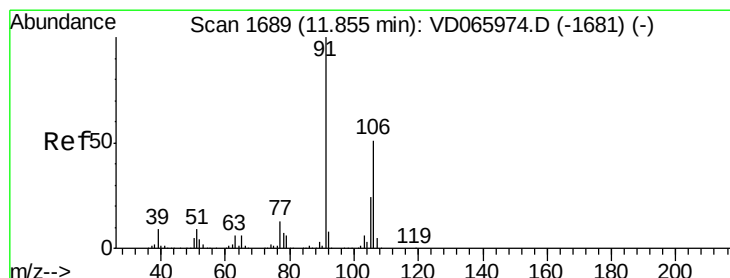
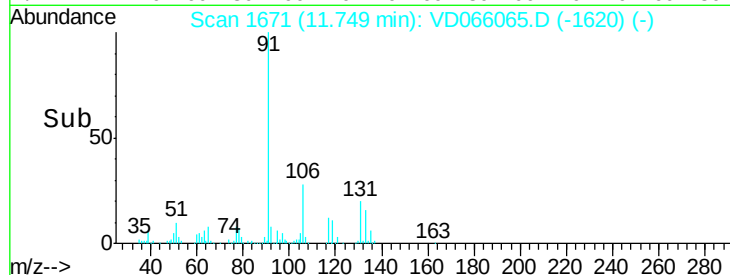
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 45.040 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD066065.D

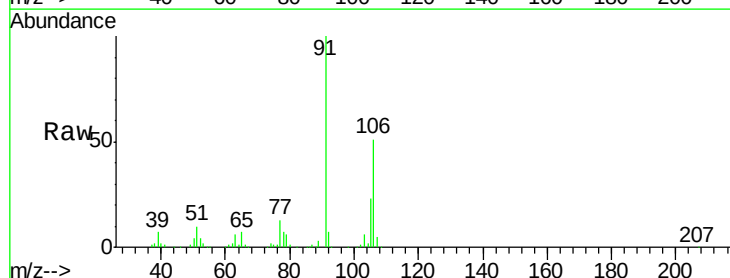
Acq: 27 Jul 2020 14:14

Tgt Ion: 106 Resp: 194040

Ion Ratio Lower Upper

106 100

91 204.2 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): VD065974.D (-1681) (-)

Ion 91.00 (90.70 to 91.70): VD065974.D (-1681) (-)

11.86

200000

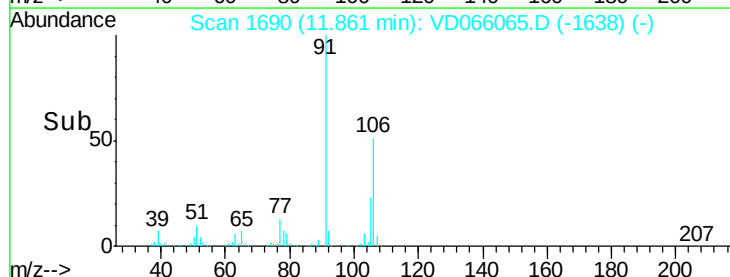
150000

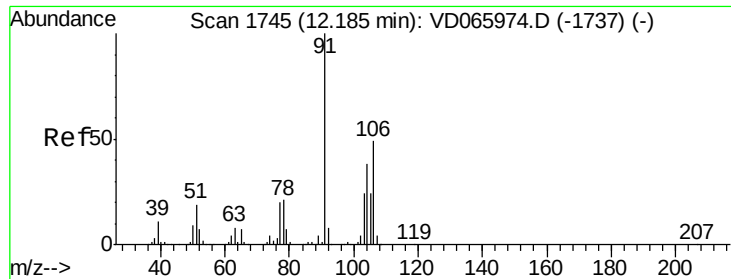
100000

50000

0

Time-->





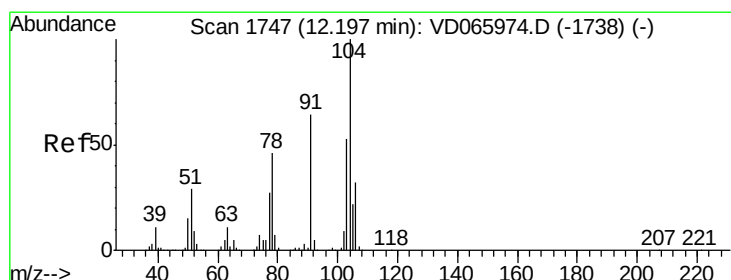
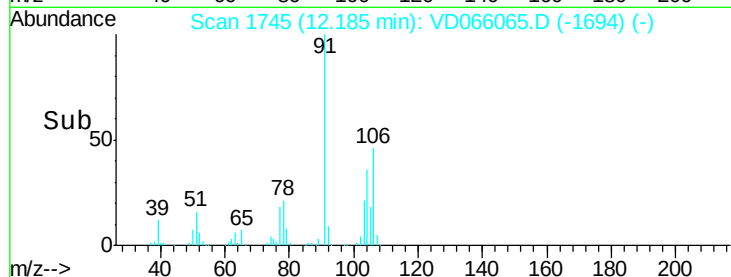
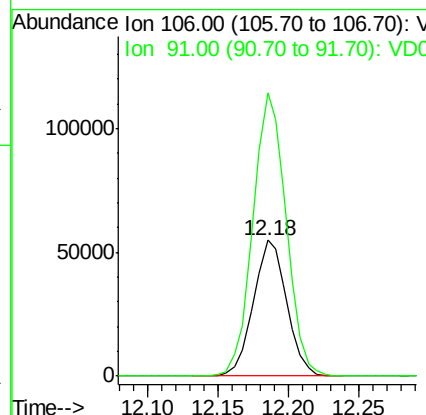
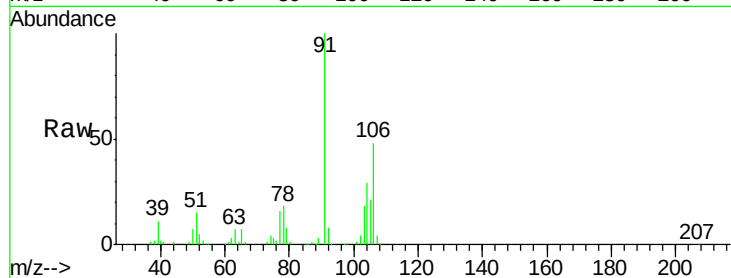
#69
o-Xylene
Concen: 23.250 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		91103		
91	207.4	103.1	309.3		

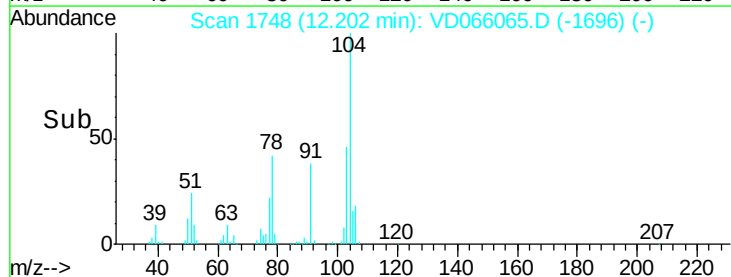
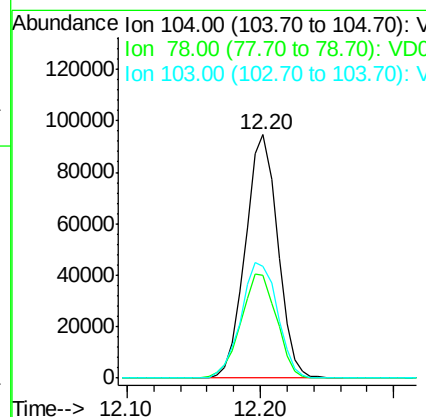
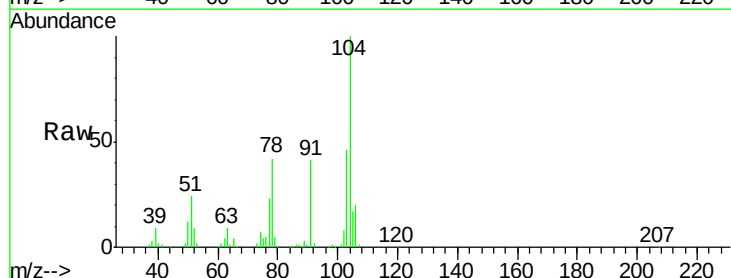
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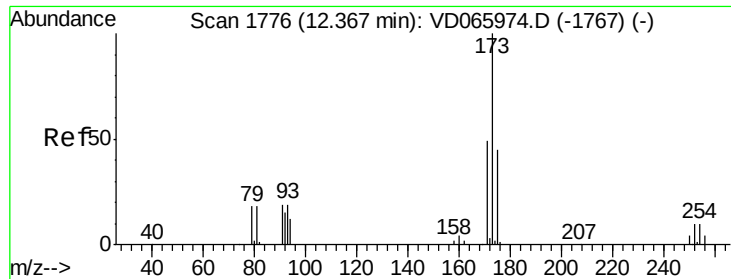
MMDadoda
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#70
Styrene
Concen: 23.545 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		158515		
78	47.4	38.3	57.5		
103	53.6	43.8	65.8		





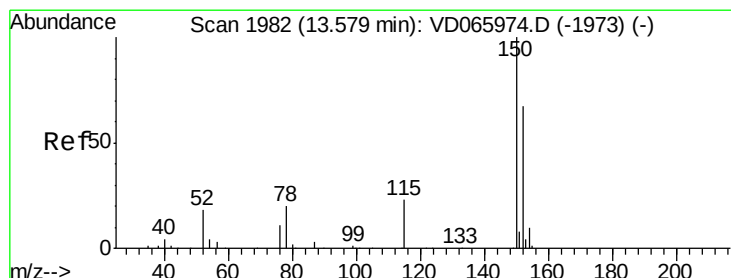
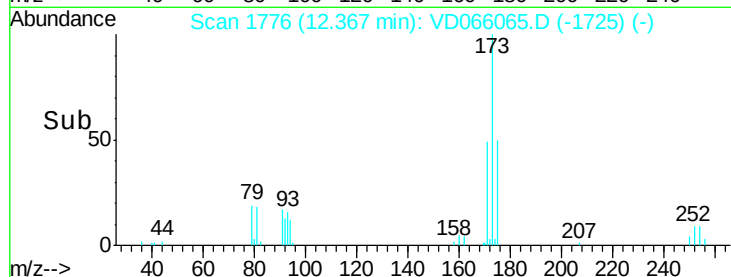
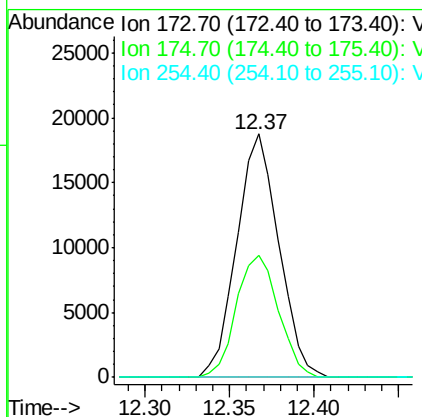
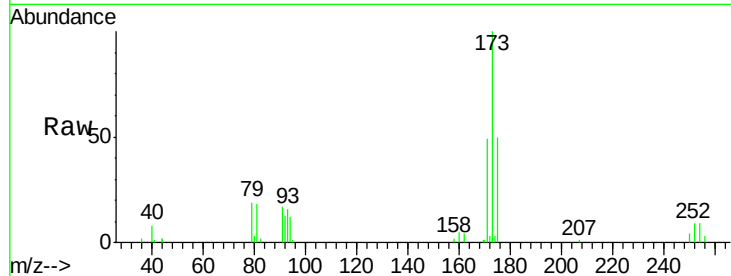
#71
Bromoform
Concen: 23.075 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.1	72.3
254	0.0	0.0	0.0

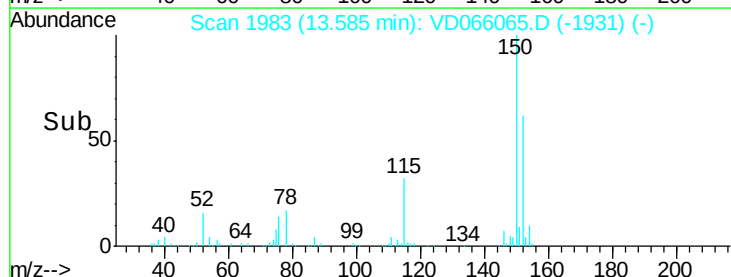
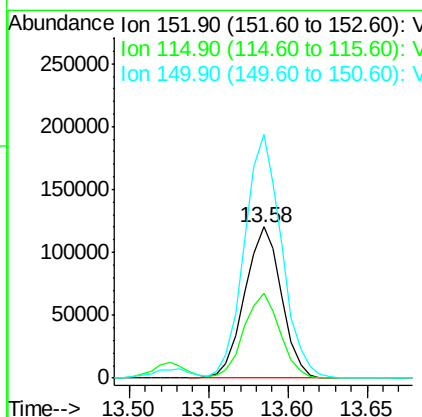
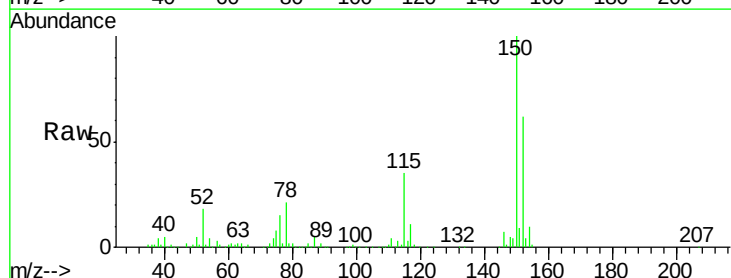
Manual Integrations
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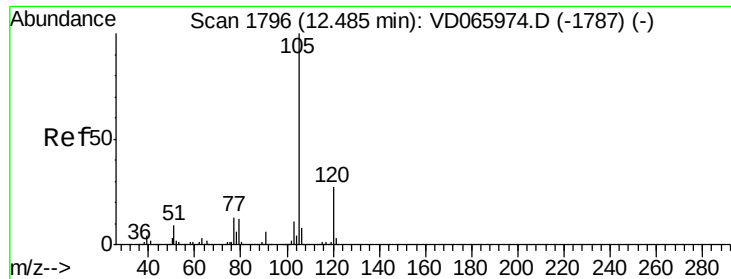
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.9	83.7
150	163.7	0.0	348.2





#73

Isopropylbenzene

Concen: 21.483 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 105 Resp: 251073

Ion Ratio Lower Upper

105 100

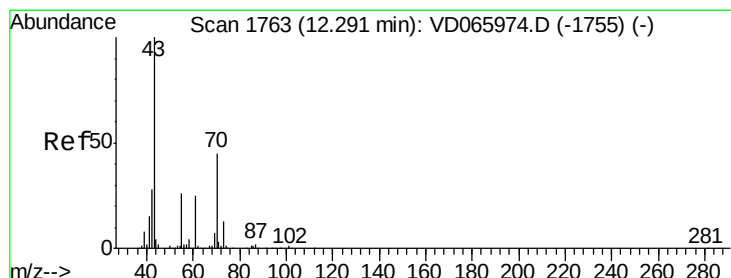
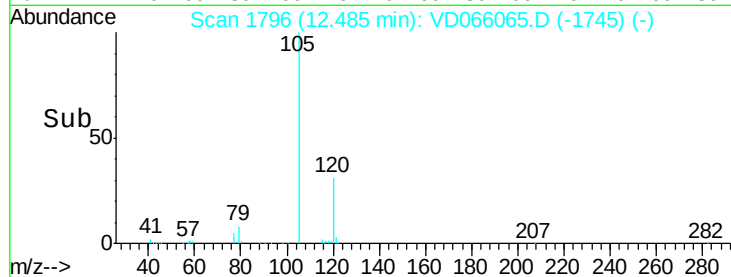
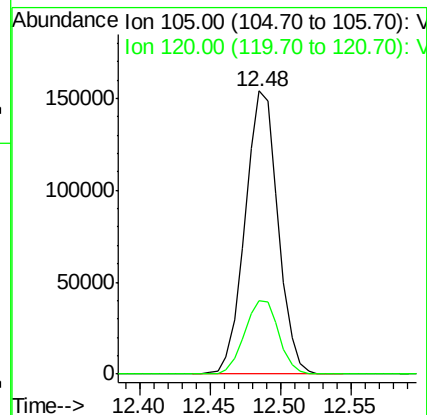
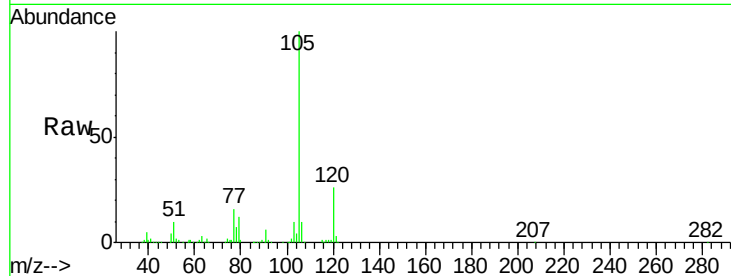
120 27.0 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.497 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion: 43 Resp: 47246

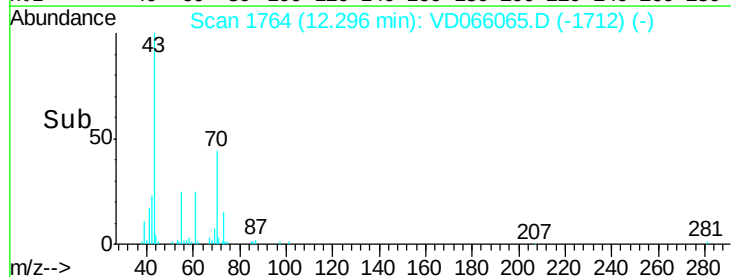
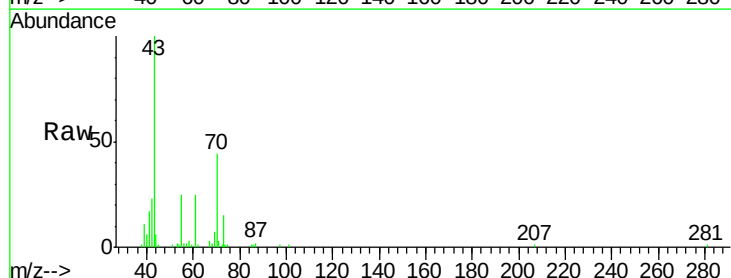
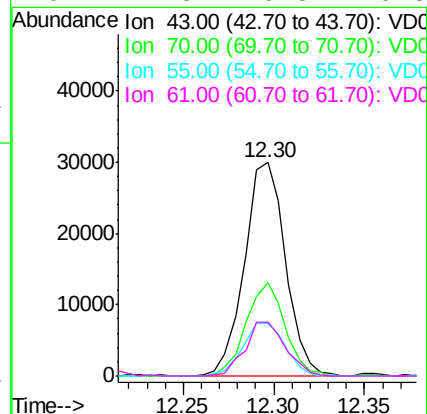
Ion Ratio Lower Upper

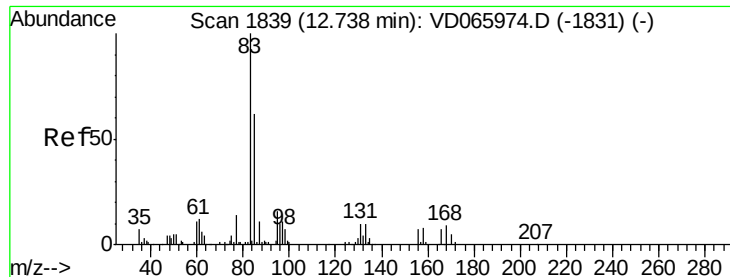
43 100

70 41.7 34.6 51.8

55 25.5 20.3 30.5

61 24.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.224 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

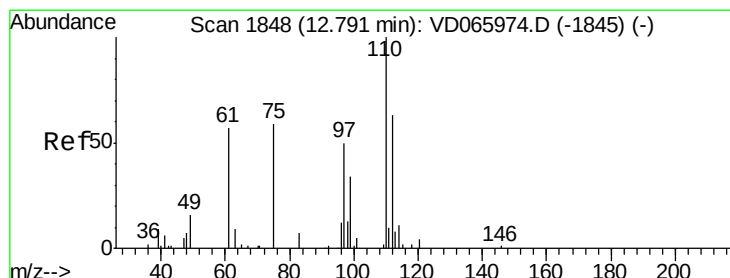
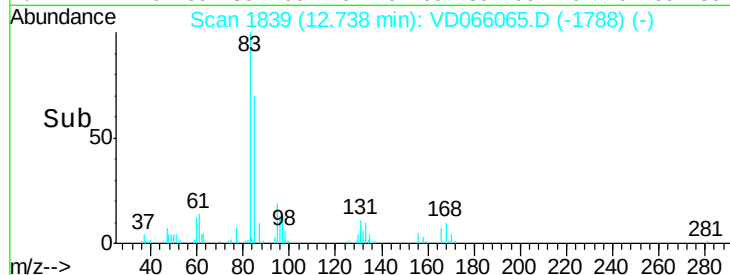
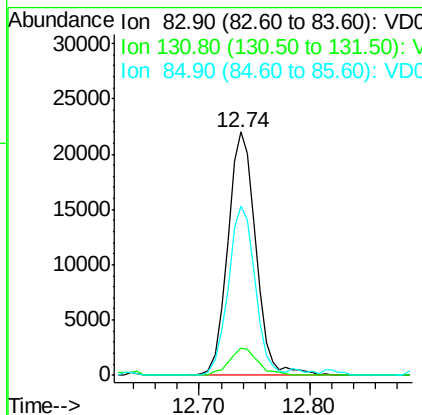
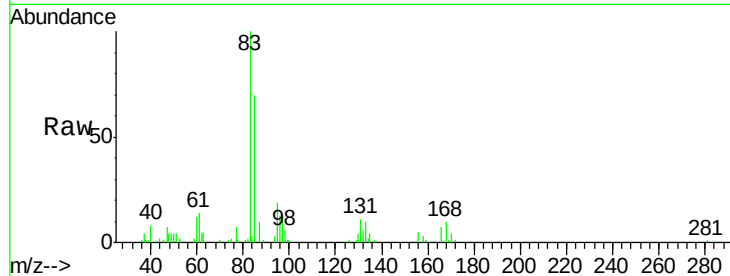
ClientSampleId :

VD0727SBS01

Tot Ion:	83	Resp:	39063
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.1
85	66.7	31.9	95.5

Manual Integrations
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7/28/2020 1:44:09 PM



#76

1,2,3-Trichloropropane

Concen: 16.899 ug/l m

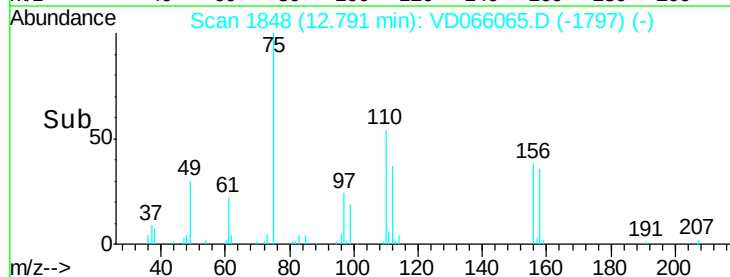
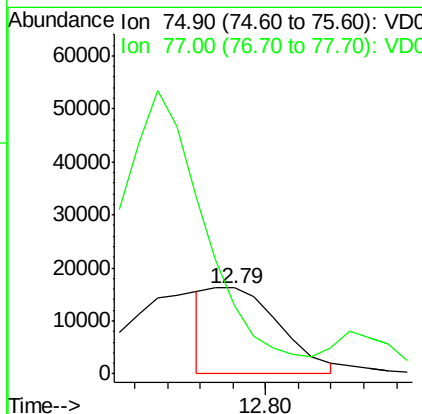
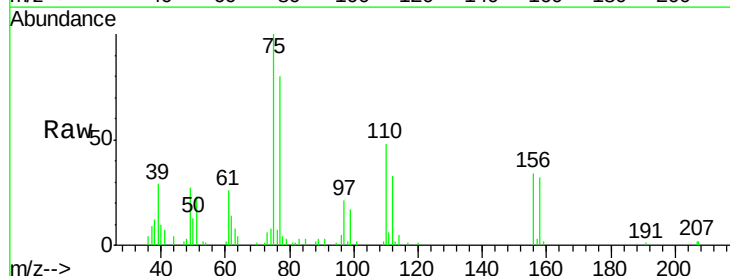
RT: 12.79 min Scan# 1848

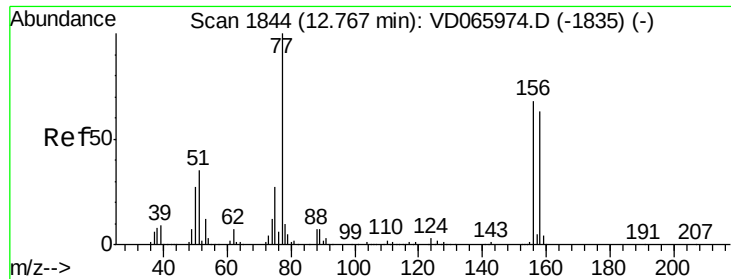
Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion:	75	Resp:	24576
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.935 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

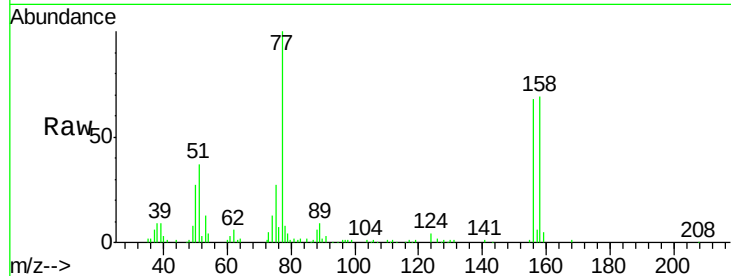
ClientSampleId :

VD0727SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	160.0	83.0	249.0	
158	100.5	48.2	144.6	

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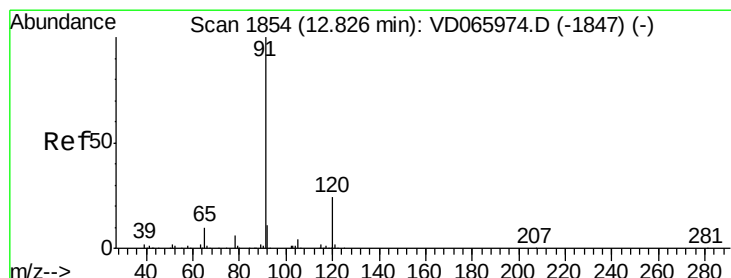
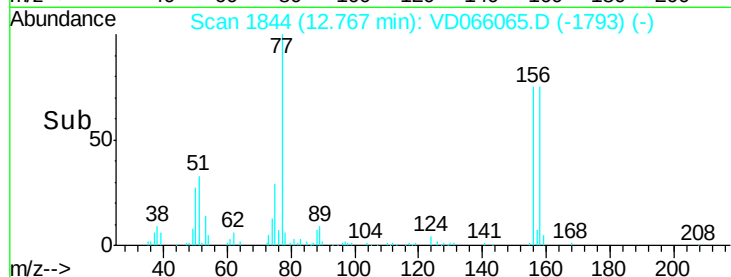
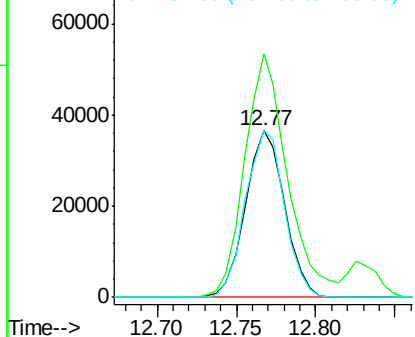
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.837 ug/l

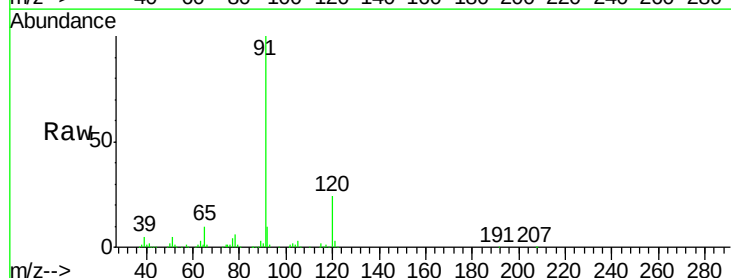
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066065.D

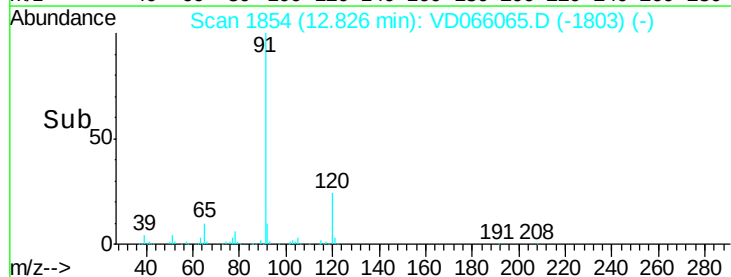
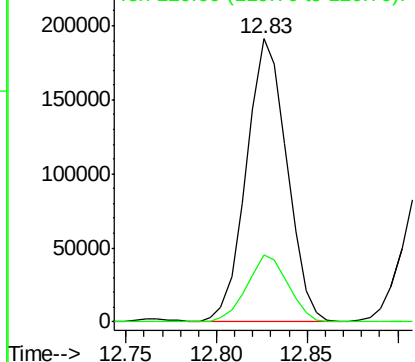
Acq: 27 Jul 2020 14:14

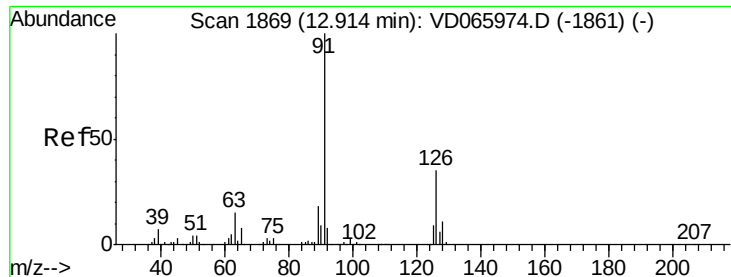
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.0	36.0	



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.365 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion: 91 Resp: 165537

Ion Ratio Lower Upper

91 100

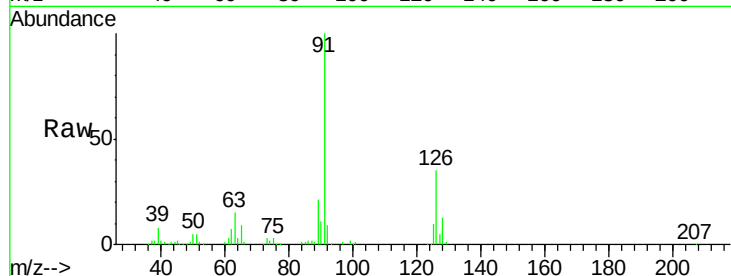
126 36.2 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD066065.D (-1869) (-)

Ion 125.90 (125.60 to 126.60): VD066065.D (-1869) (-)

200000

150000

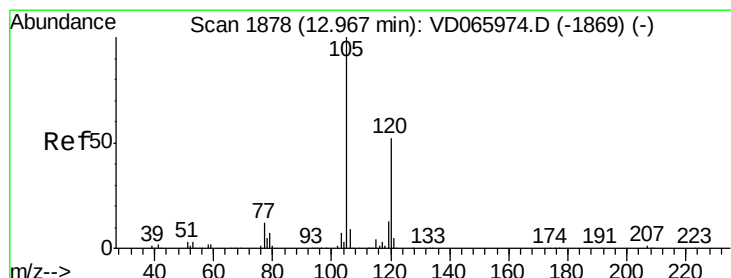
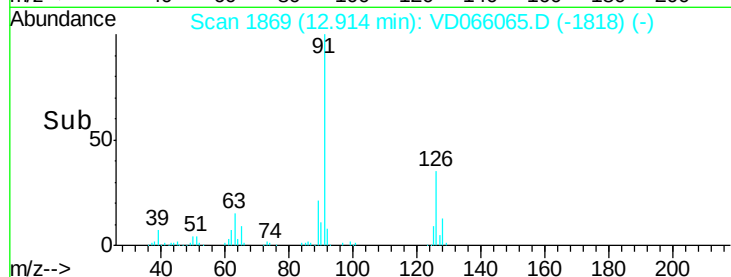
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.222 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066065.D

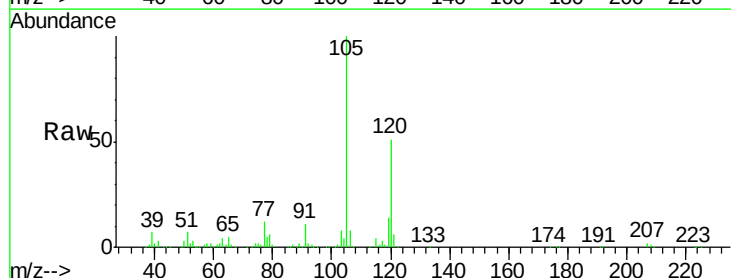
Acq: 27 Jul 2020 14:14

Tgt Ion:105 Resp: 213376

Ion Ratio Lower Upper

105 100

120 51.0 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD066065.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD066065.D (-1827) (-)

150000

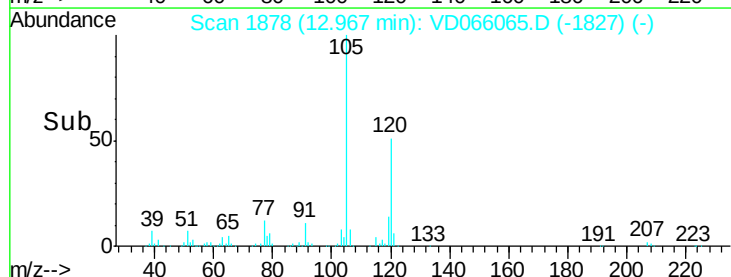
100000

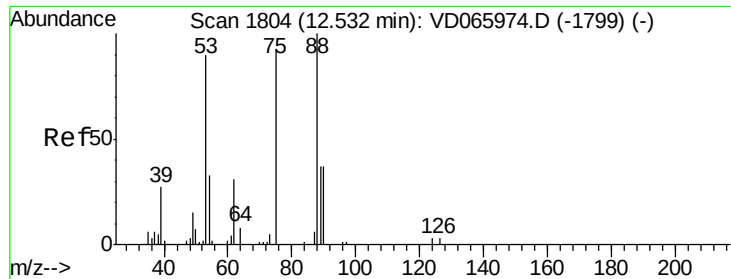
50000

0

12.90 12.95 13.00 13.05

Time-->





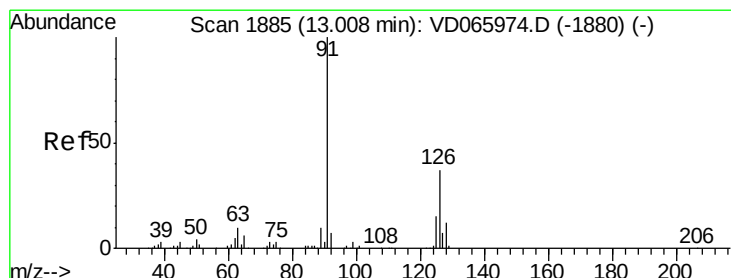
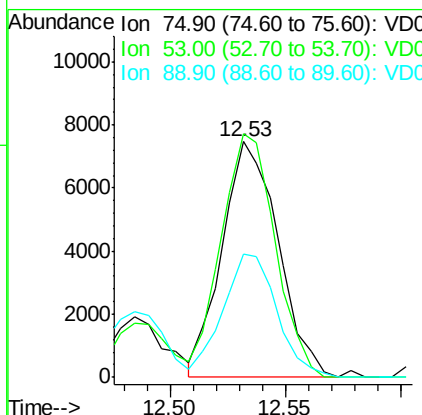
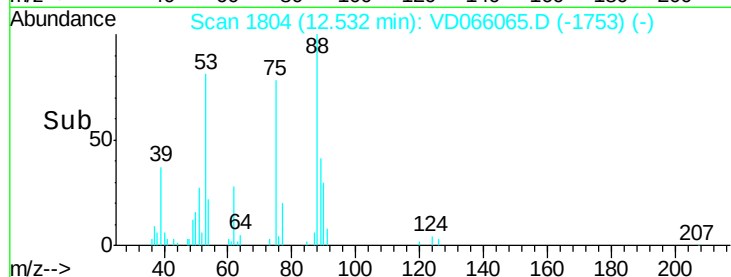
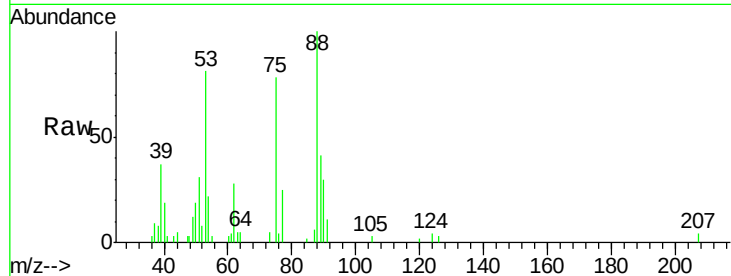
#81
trans-1,4-Dichloro-2-butene
Concen: 19.976 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.0	76.8	115.2
89	50.4	37.0	55.4

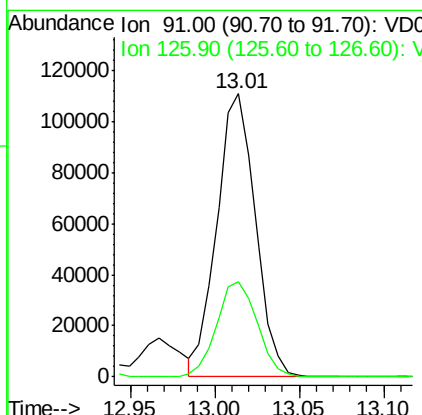
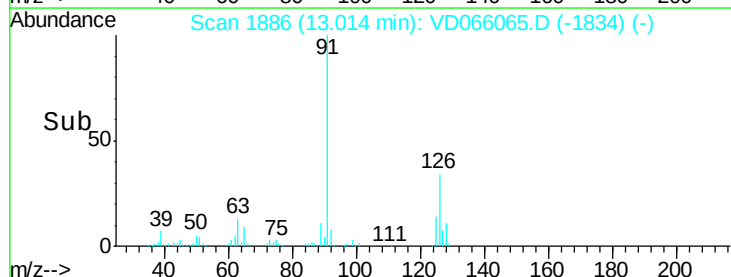
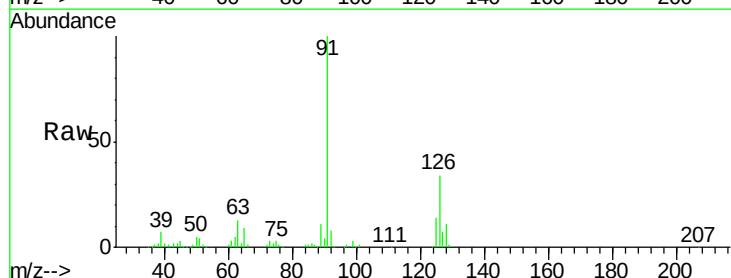
Manual Integrations
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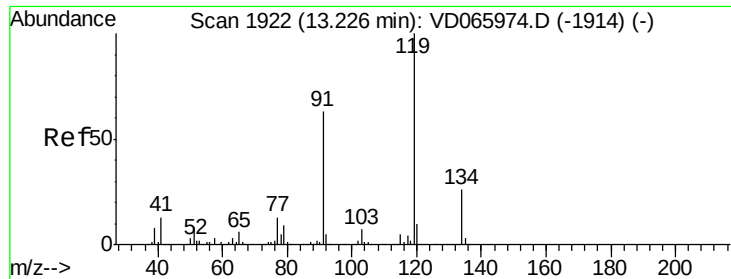
MMDadoda
7/28/2020 1:44:09 PM



#82
4-Chlorotoluene
Concen: 21.514 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.5





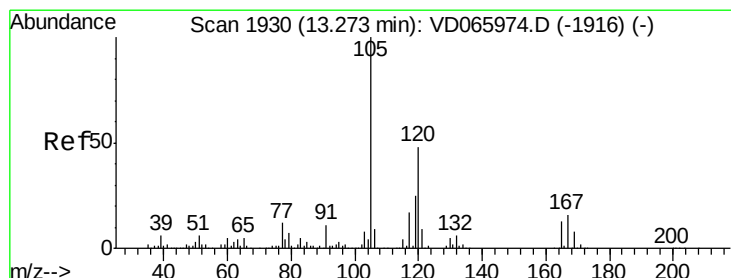
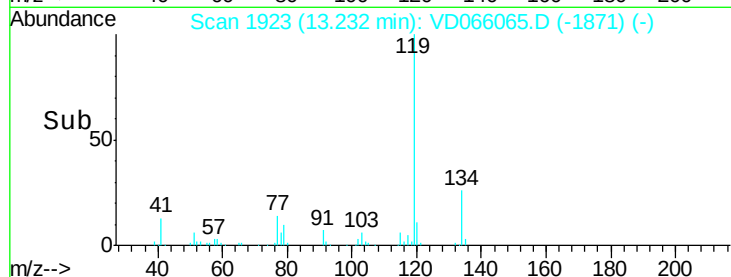
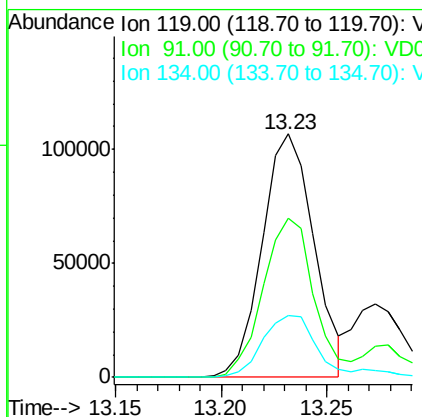
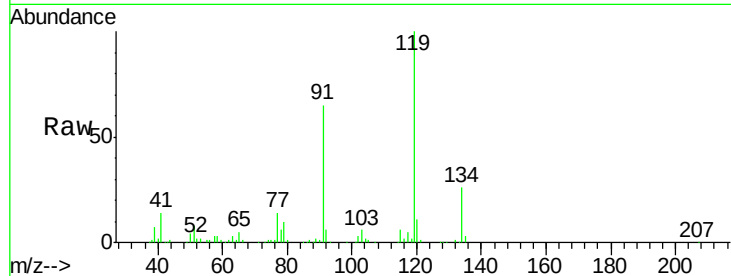
#83
 tert-Butylbenzene
 Concen: 21.674 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182109		
91	64.6		30.6	91.6
134	26.3		13.9	41.7

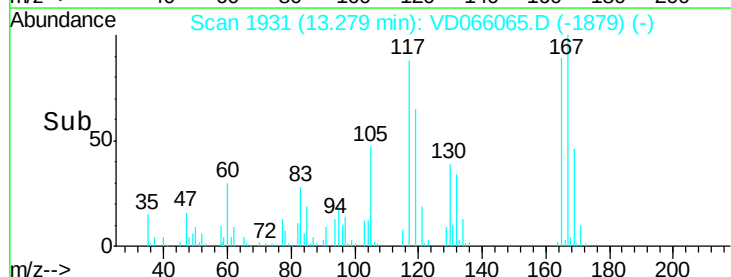
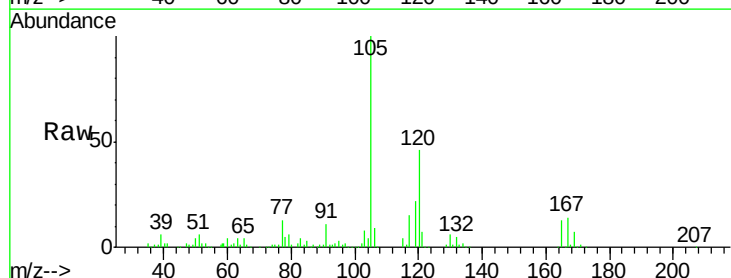
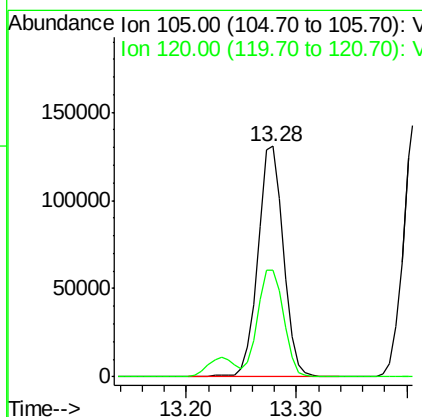
Manual Integrations
 APPROVED

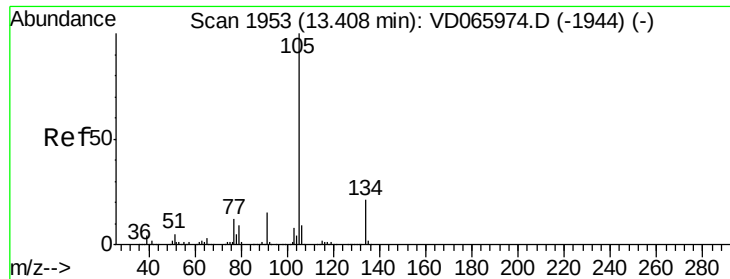
MMDadoda
 7/28/2020 1:44:09 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.418 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212365		
120	47.4		23.9	71.8





#85

sec-Butylbenzene

Concen: 22.197 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tot Ion:105 Resp: 256894

Ion Ratio Lower Upper

105 100

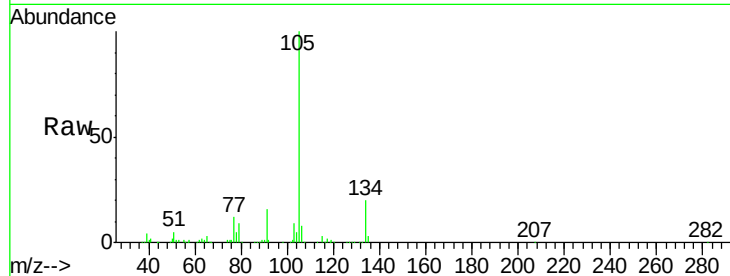
134 20.8 10.4 31.4

Manual Integrations

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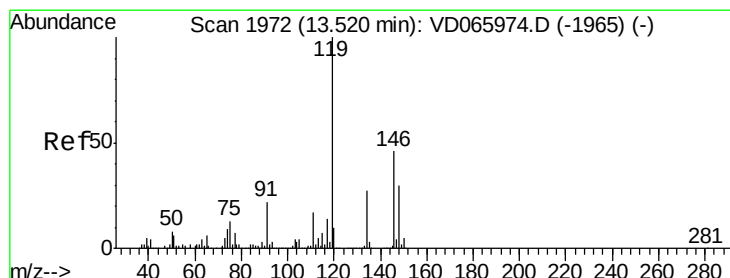
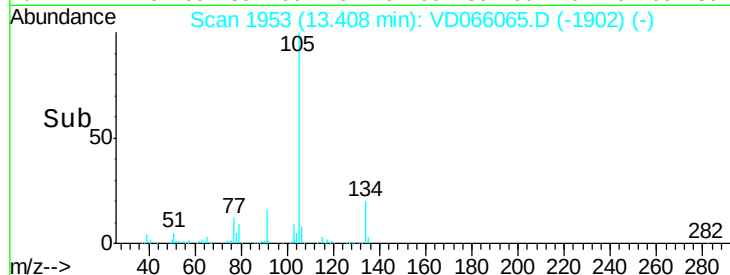
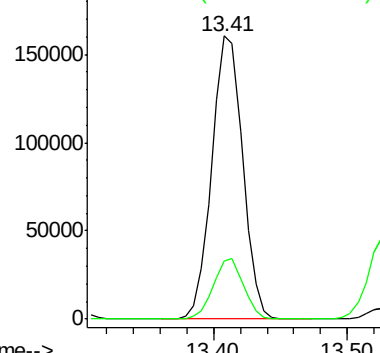
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.310 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

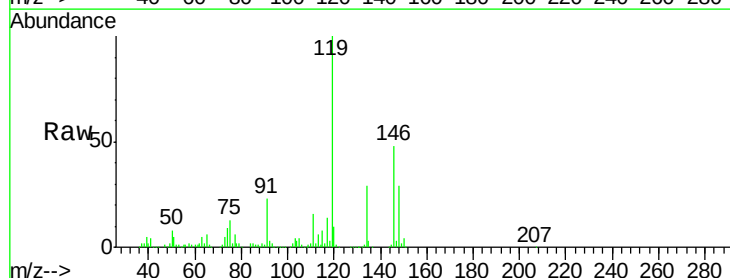
Tgt Ion:119 Resp: 245086

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

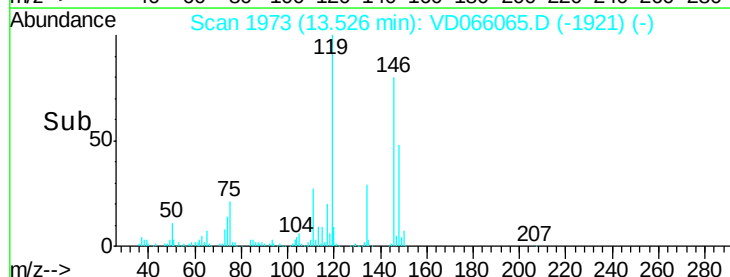
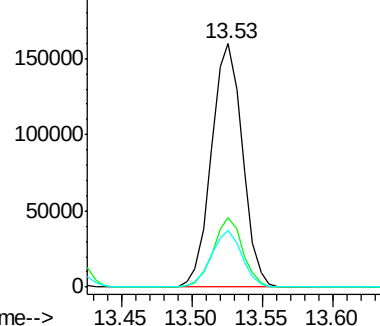
91 22.9 11.1 33.3

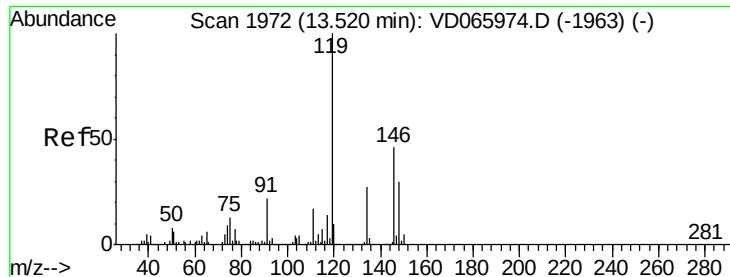


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





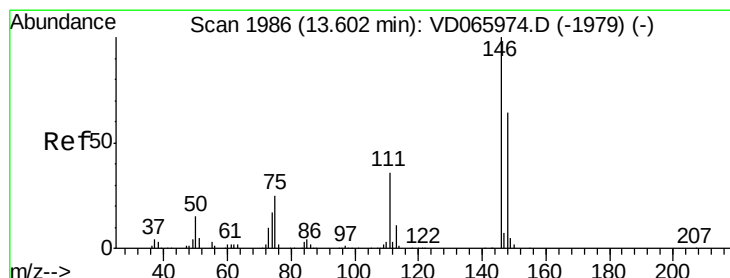
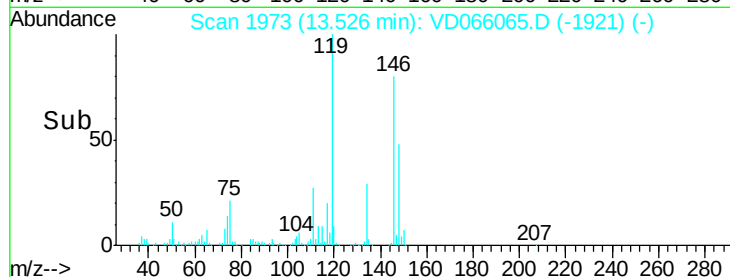
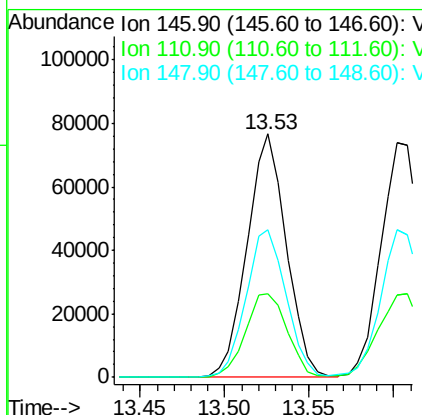
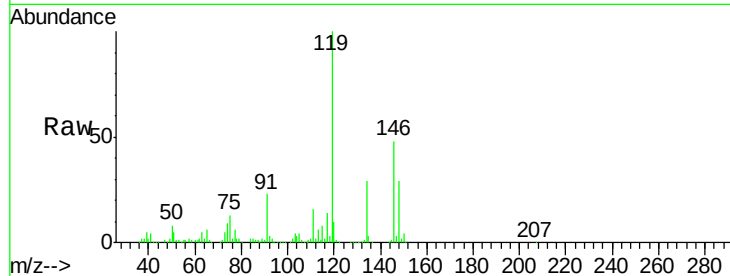
#87
 1,3-Dichlorobenzene
 Concen: 22.385 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.6
148	61.9	32.4	97.0

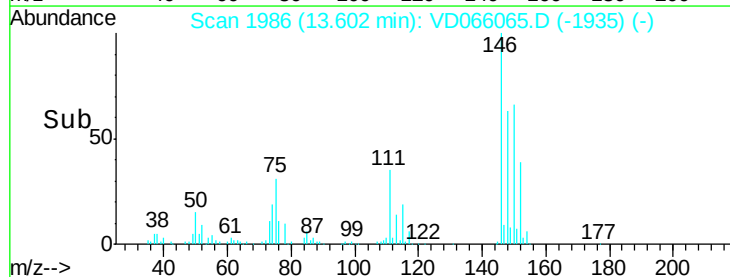
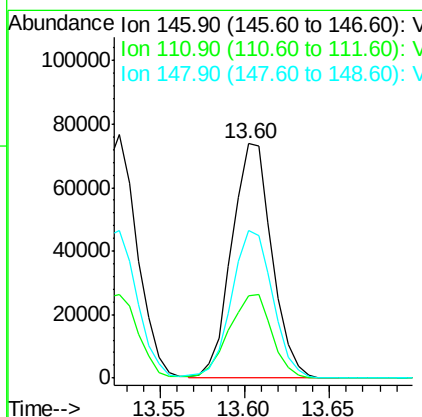
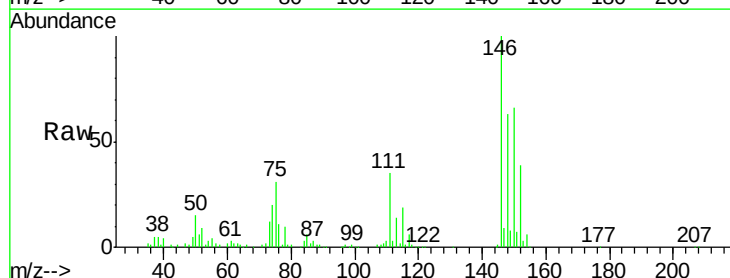
Manual Integrations
 APPROVED

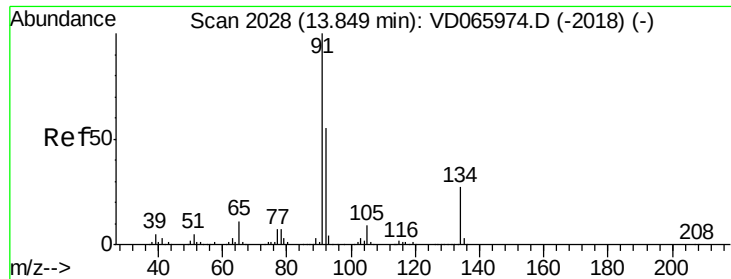
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 7/28/2020 1:44:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.854 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	64.4	32.2	96.6





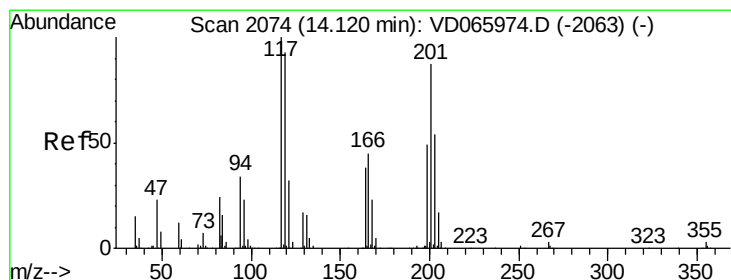
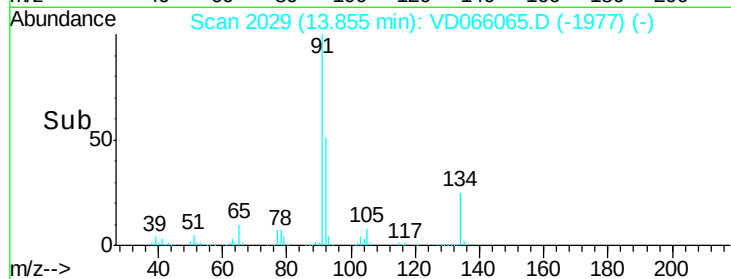
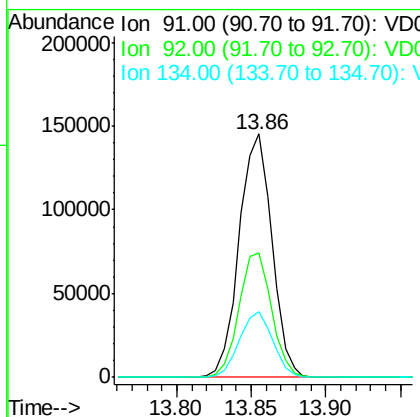
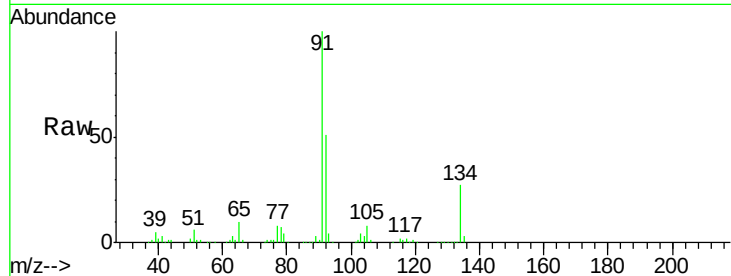
#89
n-Butylbenzene
Concen: 22.697 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	27.2	81.6
134	27.2	13.8	41.4

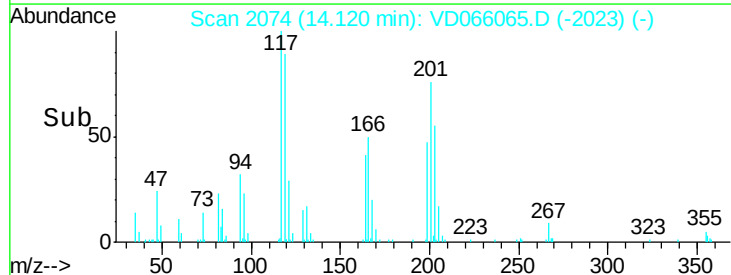
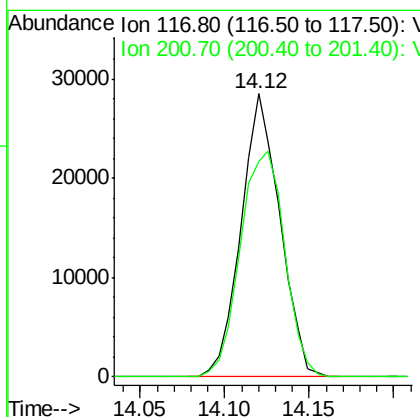
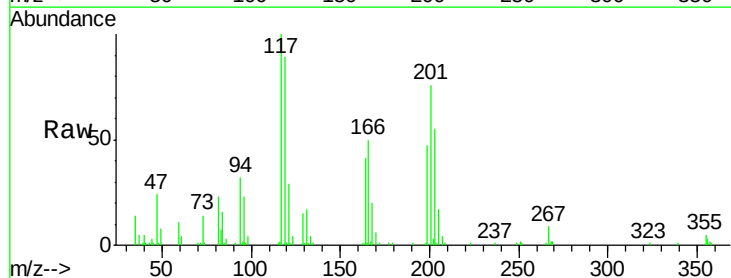
Manual Integrations
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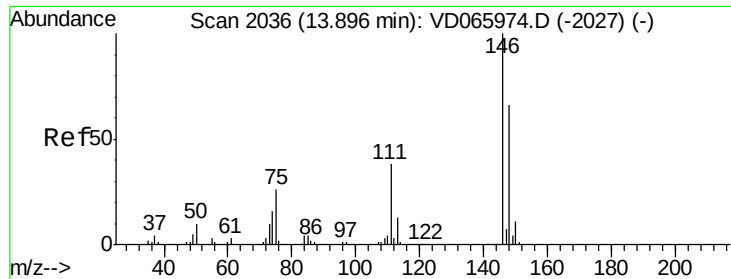
MMDadoda
7/28/2020 1:44:09 PM



#90
Hexachloroethane
Concen: 20.964 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	42.0	126.1





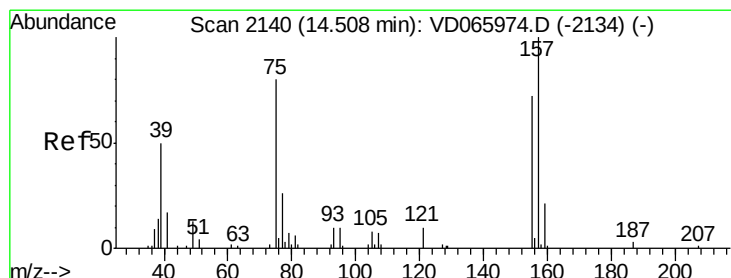
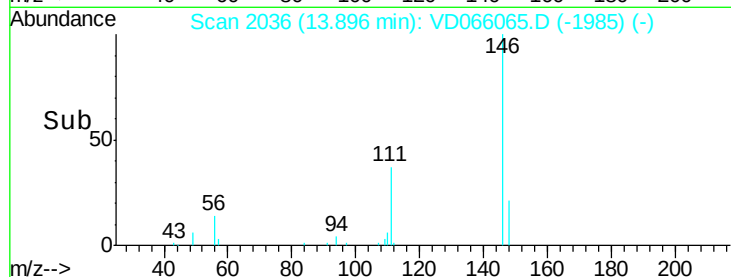
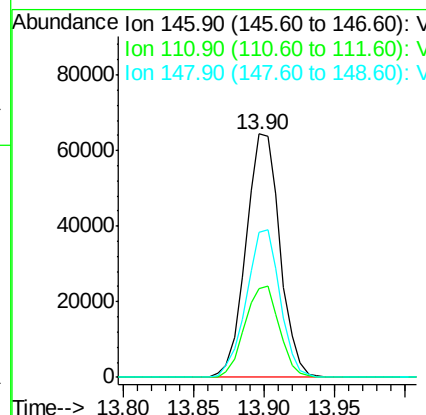
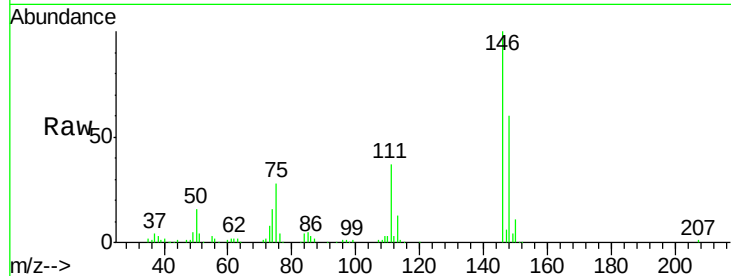
#91
 1,2-Dichlorobenzene
 Concen: 22.610 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	60.5	32.7	98.1

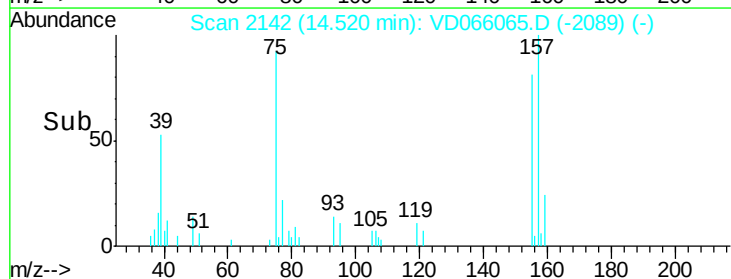
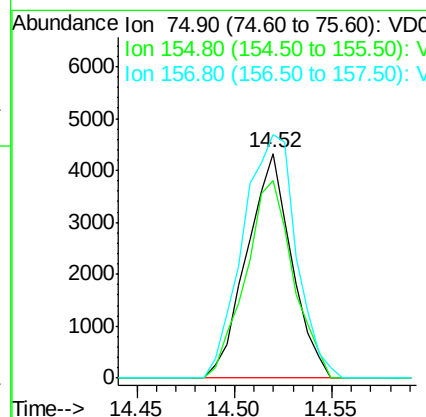
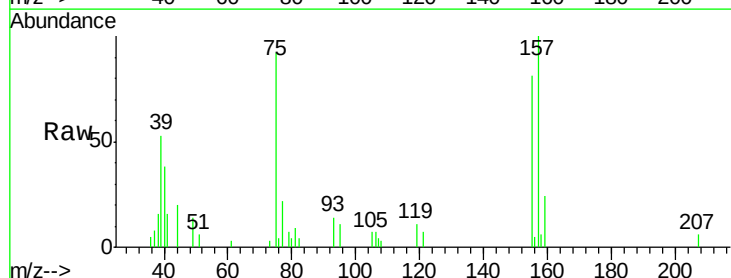
Manual Integrations
 APPROVED

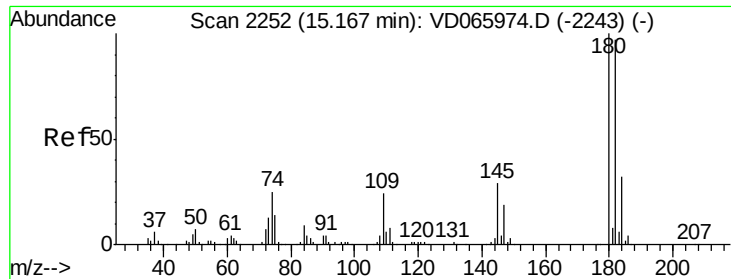
MMDadoda
 7/28/2020 1:44:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.677 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	48.5	145.5
157	129.7	64.7	194.1





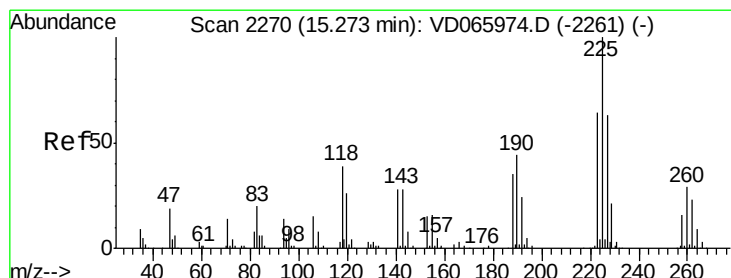
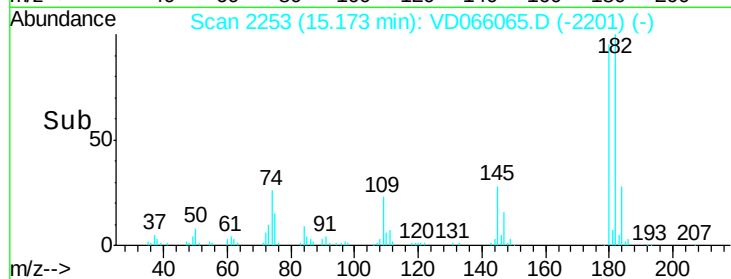
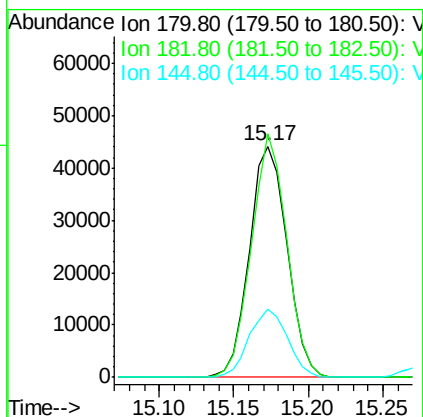
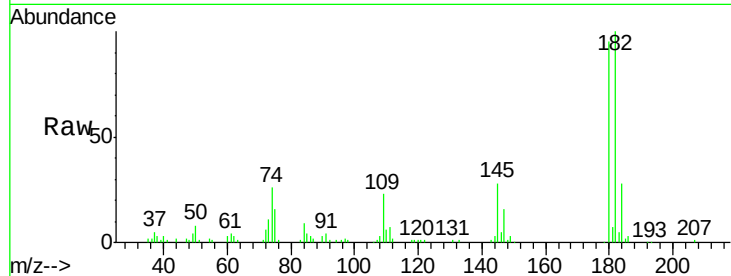
#93
 1,2,4-Trichlorobenzene
 Concen: 22.294 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	76897		
182	99.1	48.1	144.3	
145	30.1	14.7	44.1	

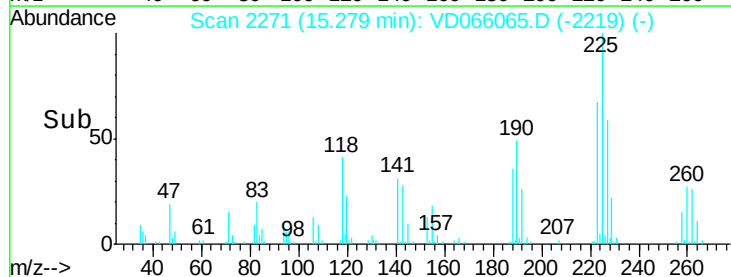
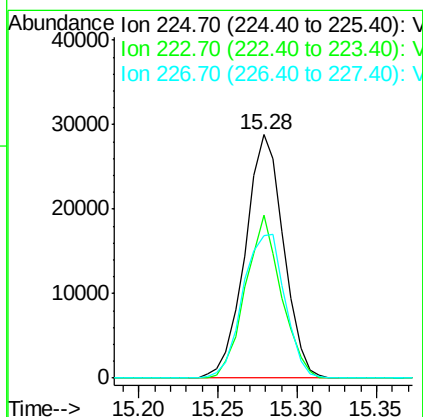
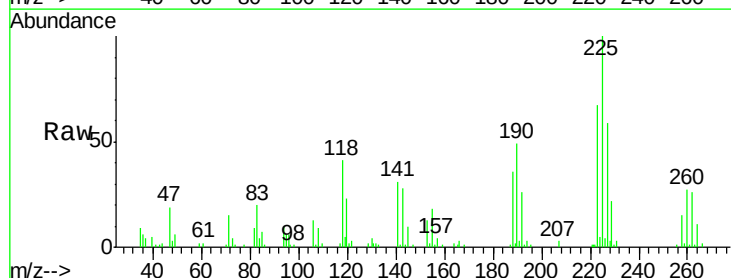
Manual Integrations
 APPROVED

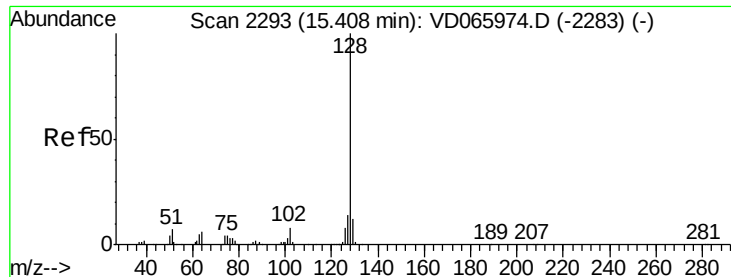
MMDadoda
 7/28/2020 1:44:09 PM



#94
 Hexachlorobutadiene
 Concen: 22.745 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48503		
223	62.1	31.2	93.6	
227	64.6	31.6	94.8	





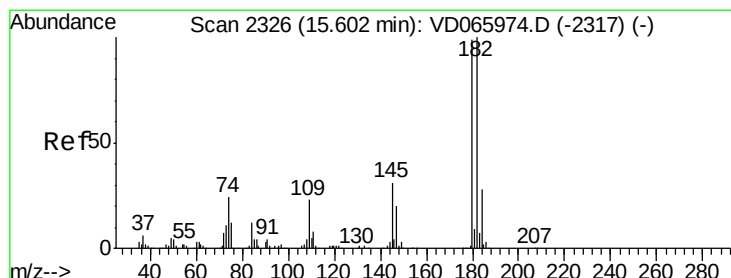
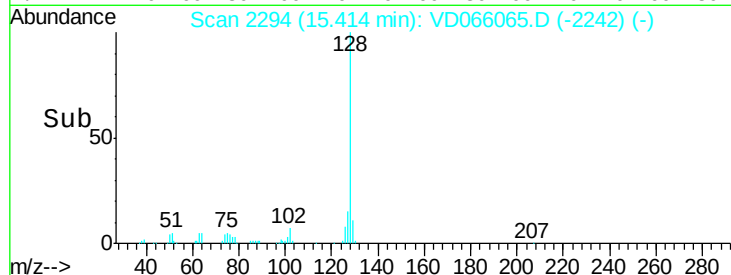
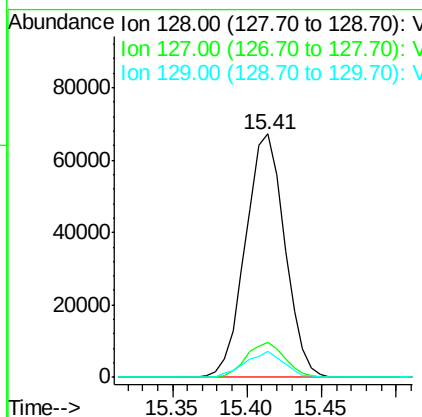
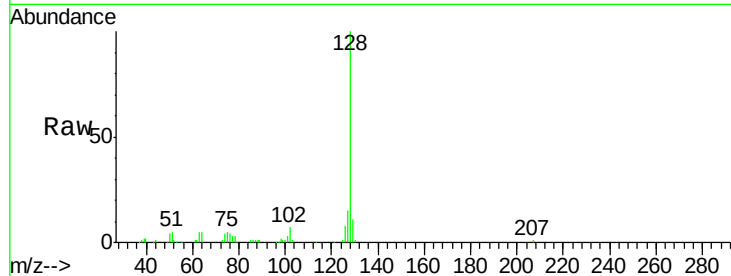
#95
Naphthalene
Concen: 22.064 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	122252		
127	14.3	10.8	16.2	
129	10.4	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
7/28/2020 1:44:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.609 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67795		
182	95.4	47.9	143.6	
145	30.4	15.4	46.2	

