

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041520\
 Data File : VD065633.D
 Acq On : 15 Apr 2020 13:29
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/29/2020 2:19:04 PM

Quant Time: Apr 15 19:37:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 18:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	243984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	365118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	339114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	10854	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
35) Dibromofluoromethane	7.91	113	11100	4.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.86%	
50) Toluene-d8	10.34	98	39490	4.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.66%	
62) 4-Bromofluorobenzene	12.64	95	13198	4.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	10333	4.749	ug/l	98
3) Chloromethane	2.21	50	11565	4.355	ug/l	98
4) Vinyl Chloride	2.35	62	13168	5.236	ug/l	92
5) Bromomethane	2.77	94	7017	4.084	ug/l	95
6) Chloroethane	2.92	64	7759	5.011	ug/l	97
7) Trichlorofluoromethane	3.27	101	18829	4.962	ug/l	97
8) Diethyl Ether	3.70	74	3421	4.389	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	8060	3.443	ug/l	93
10) Methyl Iodide	4.29	142	8250	3.588	ug/l	98
11) Tert butyl alcohol	5.26	59	2438m	22.057	ug/l	
12) 1,1-Dichloroethene	4.06	96	7329	3.405	ug/l #	83
13) Acrolein	3.92	56	1950	12.678	ug/l	99
14) Allyl chloride	4.71	41	10163	3.180	ug/l	97
15) Acrylonitrile	5.43	53	9988	22.338	ug/l	99
16) Acetone	4.16	43	8201	20.603	ug/l	96
17) Carbon Disulfide	4.40	76	24378	3.406	ug/l	98
18) Methyl Acetate	4.72	43	4391	3.794	ug/l #	77
19) Methyl tert-butyl Ether	5.48	73	17707	4.177	ug/l	93
20) Methylene Chloride	4.96	84	14775	5.725	ug/l	86
21) trans-1,2-Dichloroethene	5.47	96	12023	4.914	ug/l	97
22) Diisopropyl ether	6.36	45	27064	4.065	ug/l #	81
23) Vinyl Acetate	6.30	43	67605	19.039	ug/l	95
24) 1,1-Dichloroethane	6.26	63	21917	5.006	ug/l	97
25) 2-Butanone	7.22	43	12874	22.170	ug/l	94
26) 2,2-Dichloropropane	7.21	77	19547	5.013	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	12578	4.707	ug/l	100
28) Bromochloromethane	7.54	49	7920	4.452	ug/l	99
29) Tetrahydrofuran	7.57	42	6882	18.737	ug/l	95
30) Chloroform	7.71	83	22203	4.852	ug/l	90
31) Cyclohexane	7.99	56	21560	5.276	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	20094	4.883	ug/l	96
36) 1,1-Dichloropropene	8.11	75	17440	4.714	ug/l	98
37) Ethyl Acetate	7.30	43	5801	4.048	ug/l #	72
38) Carbon Tetrachloride	8.10	117	19152	4.765	ug/l	94

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 18:47:17 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	18464	4.409	ug/l	95
40) Benzene	8.35	78	50372	4.751	ug/l	94
41) Methacrylonitrile	7.52	41	2783m	3.427	ug/l	
42) 1,2-Dichloroethane	8.43	62	13136	4.381	ug/l	99
43) Isopropyl Acetate	8.46	43	10695	4.143	ug/l	95
44) Trichloroethene	9.11	130	14506	4.789	ug/l	98
45) 1,2-Dichloropropane	9.39	63	11936	4.588	ug/l	91
46) Dibromomethane	9.48	93	5879	4.192	ug/l	97
47) Bromodichloromethane	9.66	83	16531	4.517	ug/l	96
48) Methyl methacrylate	9.46	41	5124	4.163	ug/l	93
49) 1,4-Dioxane	9.47	88	1067	69.959	ug/l #	83
51) 4-Methyl-2-Pentanone	10.23	43	24671	18.402	ug/l	97
52) Toluene	10.41	92	27576	4.126	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	13464	4.101	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	16844	4.219	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	8323	4.202	ug/l	97
56) Ethyl methacrylate	10.67	69	6955	3.467	ug/l	96
57) 1,3-Dichloropropane	10.95	76	14132	4.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	19157	18.344	ug/l	98
59) 2-Hexanone	10.99	43	16552	18.492	ug/l	98
60) Dibromochloromethane	11.14	129	10925	4.178	ug/l	99
61) 1,2-Dibromoethane	11.26	107	7863	4.174	ug/l	99
64) Tetrachloroethene	10.88	164	12692	4.817	ug/l	95
65) Chlorobenzene	11.67	112	33508	4.657	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	12599	4.601	ug/l	99
67) Ethyl Benzene	11.75	91	53383	4.503	ug/l	97
68) m/p-Xylenes	11.86	106	39471	8.469	ug/l	98
69) o-Xylene	12.18	106	16781	4.163	ug/l	96
70) Styrene	12.20	104	27700	3.883	ug/l	98
71) Bromoform	12.37	173	6704	4.286	ug/l #	92
73) Isopropylbenzene	12.48	105	43879	4.144	ug/l	99
74) N-amyl acetate	12.30	43	8671	3.992	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	9235	4.634	ug/l	95
76) 1,2,3-Trichloropropane	12.79	75	5841m	4.171	ug/l	
77) Bromobenzene	12.77	156	12599	4.311	ug/l	99
78) n-propylbenzene	12.83	91	54496	4.258	ug/l	100
79) 2-Chlorotoluene	12.91	91	32037	4.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	37024	4.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	2534	4.241	ug/l	92
82) 4-Chlorotoluene	13.01	91	34940	4.402	ug/l	100
83) tert-Butylbenzene	13.23	119	31807	4.281	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	35100	3.946	ug/l	98
85) sec-Butylbenzene	13.41	105	46014	4.315	ug/l	99
86) p-Isopropyltoluene	13.53	119	40821	4.152	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	26924	4.756	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	27420	4.847	ug/l	90
89) n-Butylbenzene	13.86	91	39869	4.475	ug/l	97
90) Hexachloroethane	14.12	117	10438	4.849	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	22168	4.588	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	1278	4.125	ug/l	88

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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Quant Time: Apr 15 19:37:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 18:47:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	14401	4.510	ug/l	97
94) Hexachlorobutadiene	15.28	225	10756	4.859	ug/l	98
95) Naphthalene	15.41	128	16794	3.578	ug/l	96
96) 1,2,3-Trichlorobenzene	15.61	180	12616	4.511	ug/l	97

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

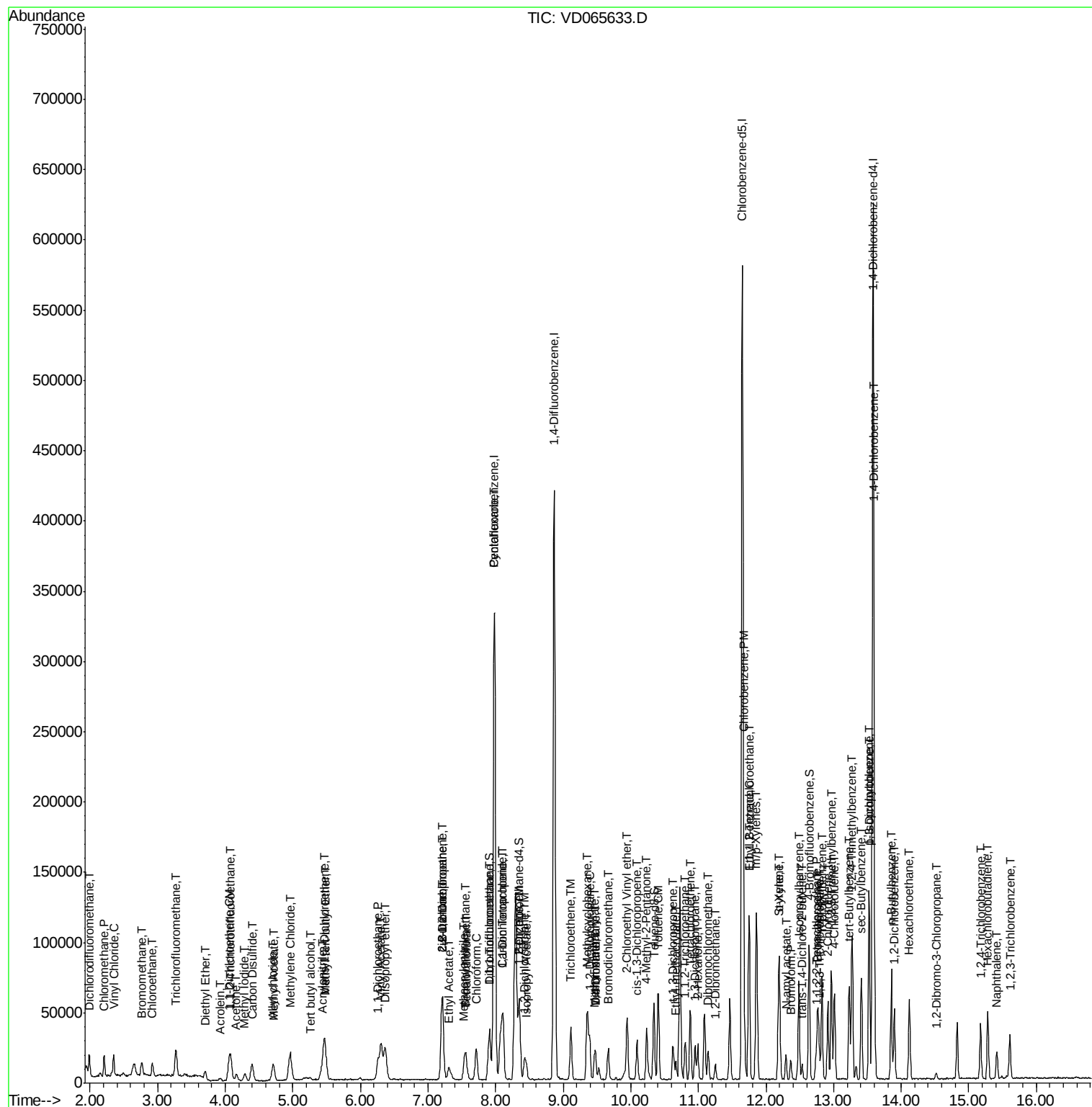
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041520\
Data File : VD065633.D
Acq On : 15 Apr 2020 13:29
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

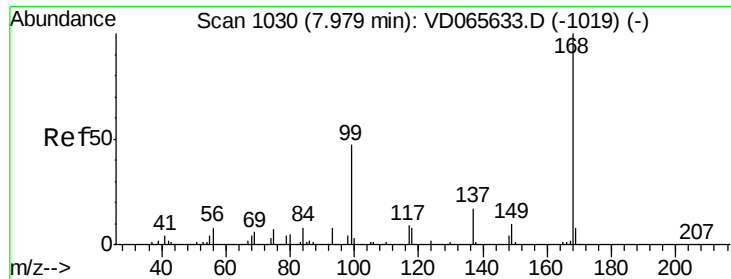
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/29/2020 2:19:04 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 243984

Ion Ratio Lower Upper

168 100

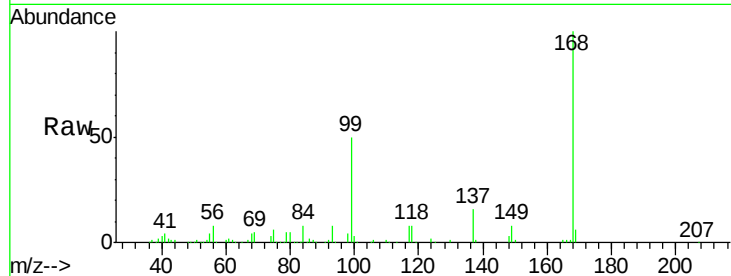
99 50.3 40.3 60.5

Manual Integrations

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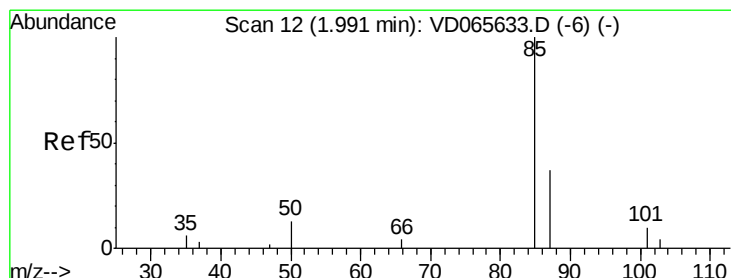
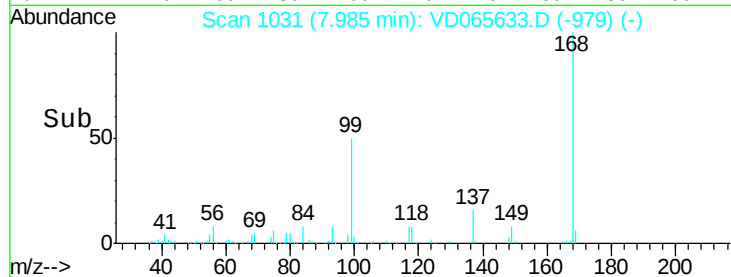
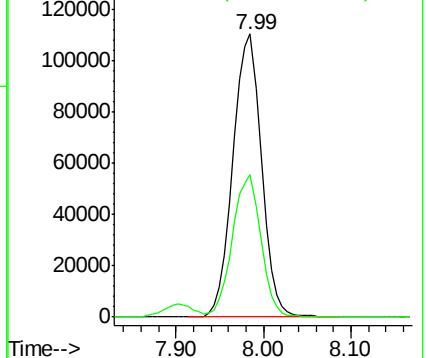
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 4.749 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065633.D

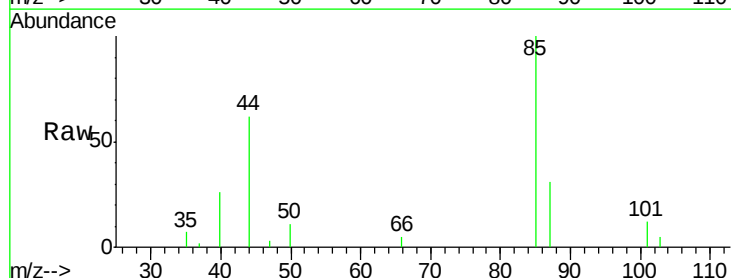
Acq: 15 Apr 2020 13:29

Tgt Ion: 85 Resp: 10333

Ion Ratio Lower Upper

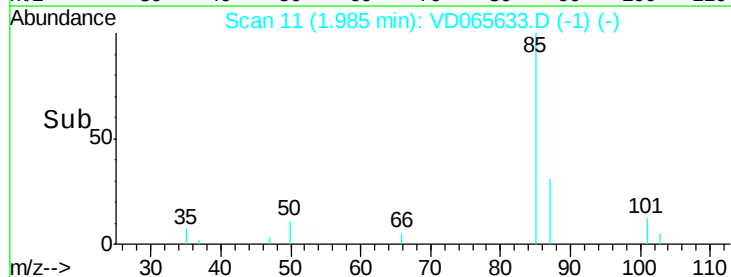
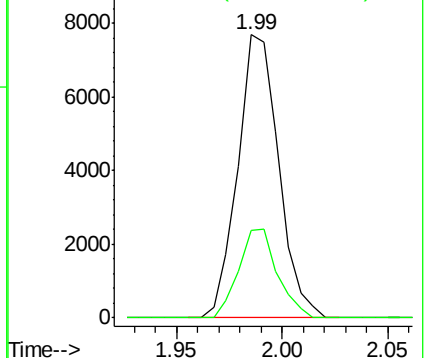
85 100

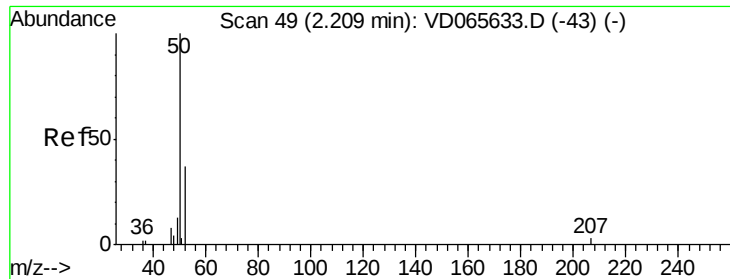
87 30.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 4.355 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 11565

Ion Ratio Lower Upper

50 100

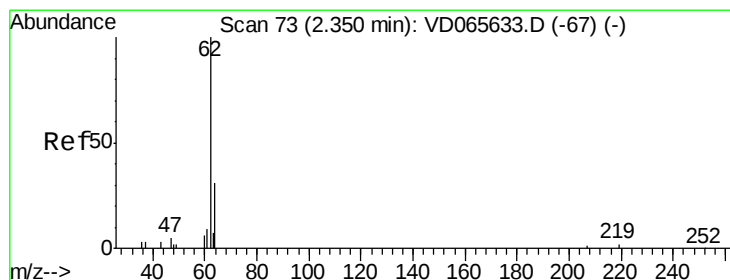
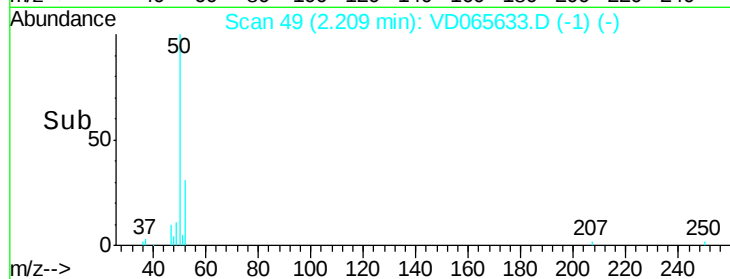
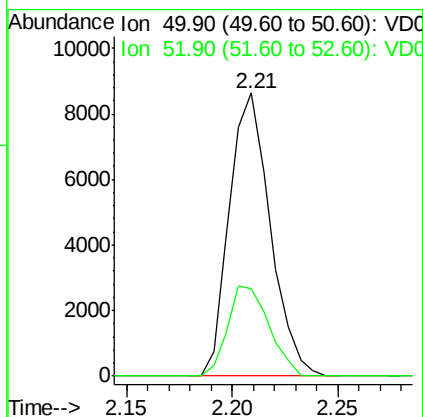
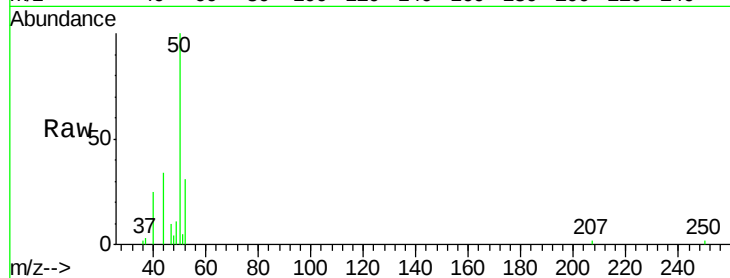
52 30.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.236 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065633.D

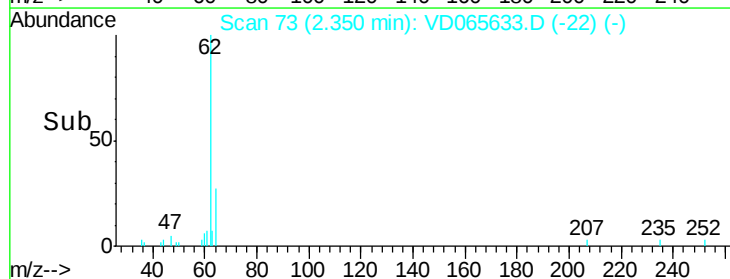
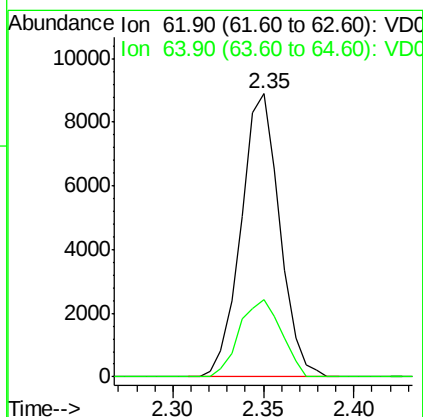
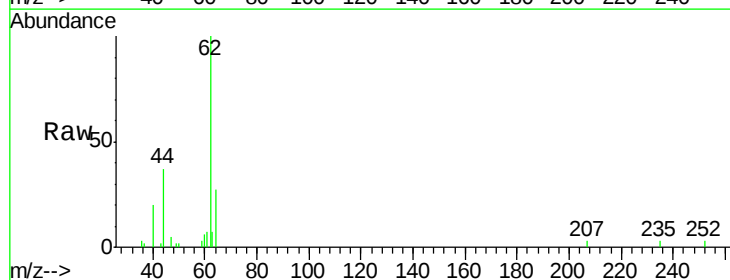
Acq: 15 Apr 2020 13:29

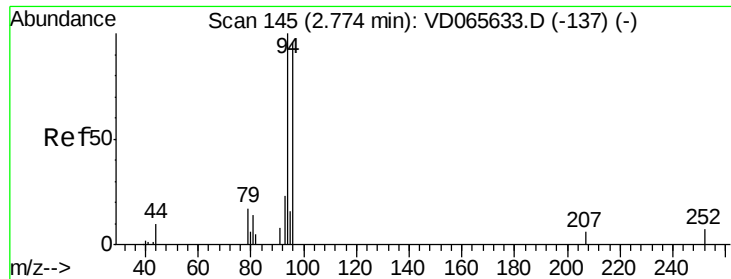
Tgt Ion: 62 Resp: 13168

Ion Ratio Lower Upper

62 100

64 27.1 25.1 37.7





#5

Bromomethane

Concen: 4.084 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7017

Ion Ratio Lower Upper

94 100

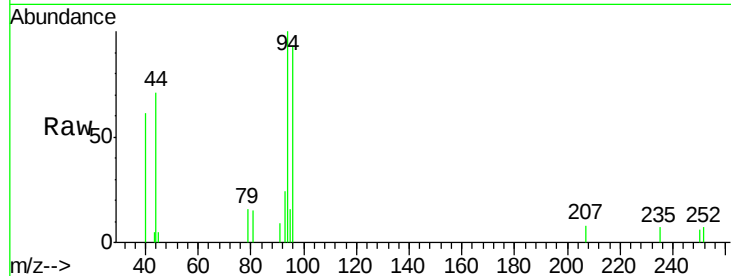
96 93.0 77.9 116.9

Manual Integrations

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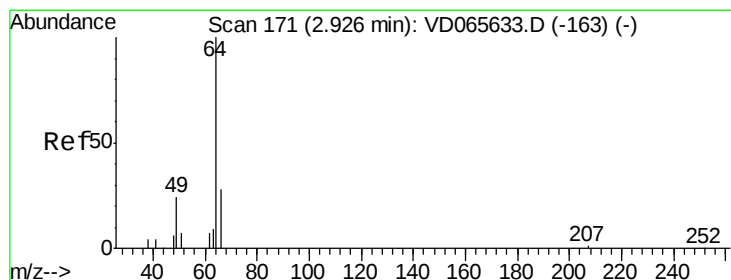
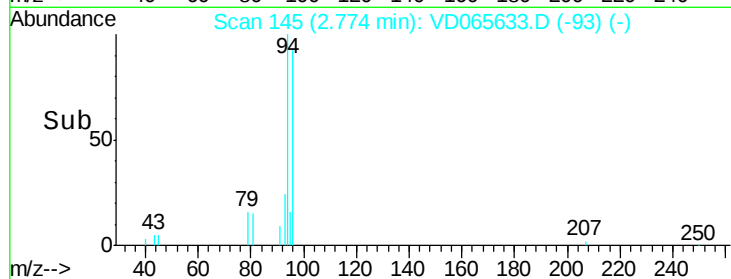
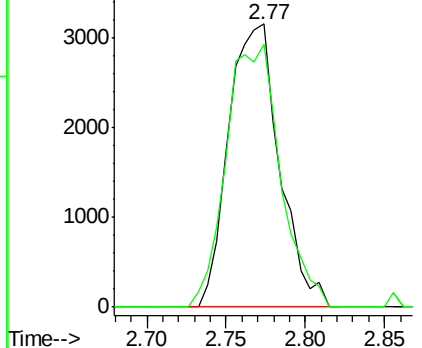
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.011 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065633.D

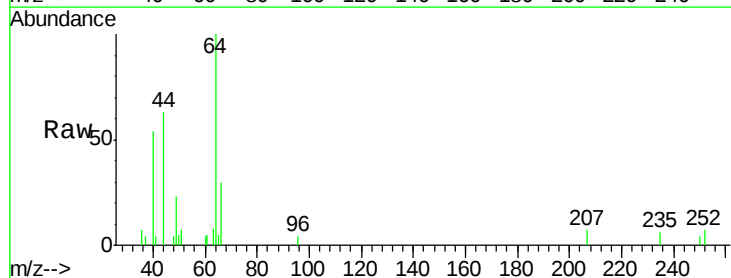
Acq: 15 Apr 2020 13:29

Tgt Ion: 64 Resp: 7759

Ion Ratio Lower Upper

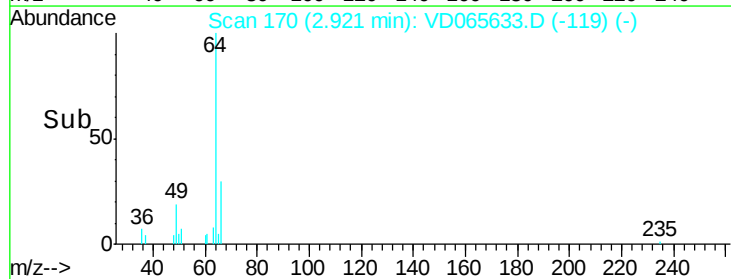
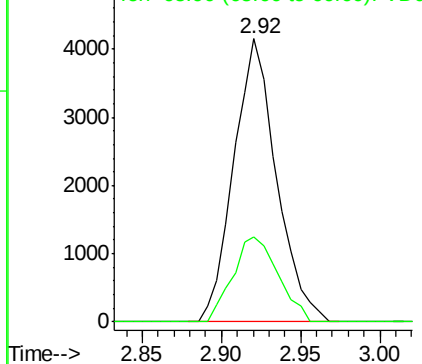
64 100

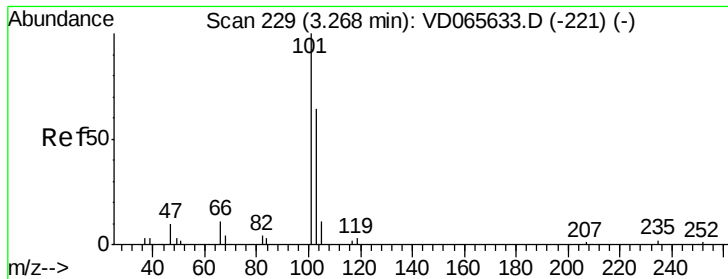
66 30.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

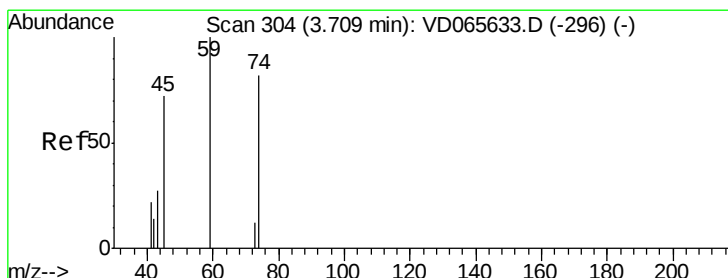
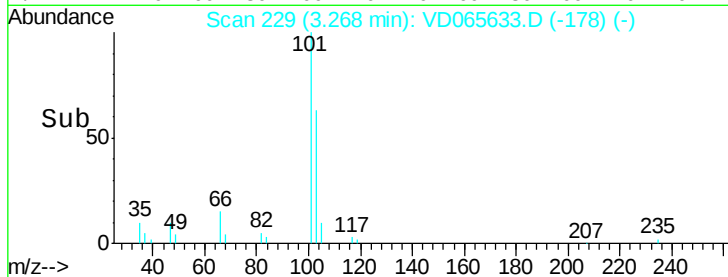
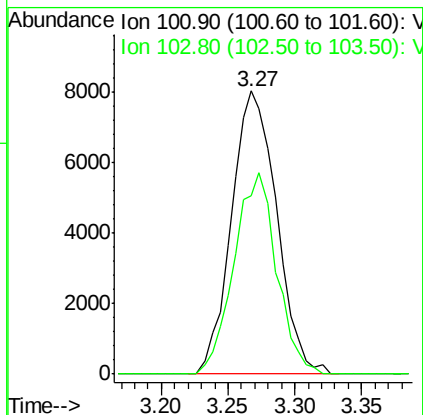
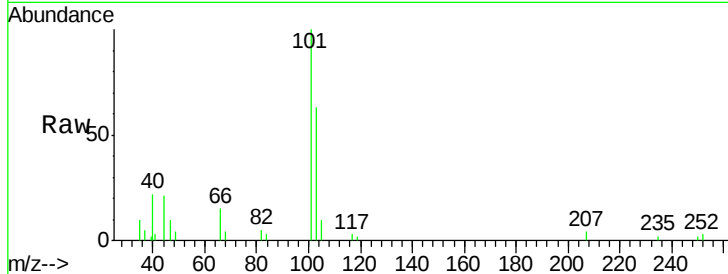
Trichlorofluoromethane
 Concen: 4.962 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.2	78.4

Manual Integrations
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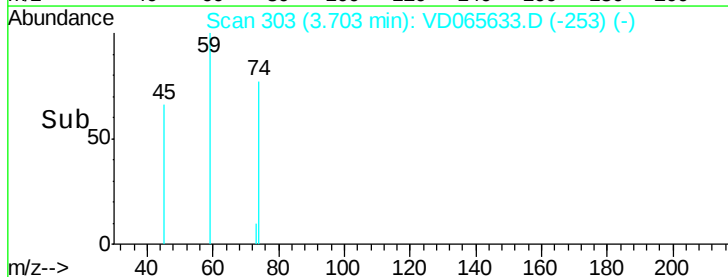
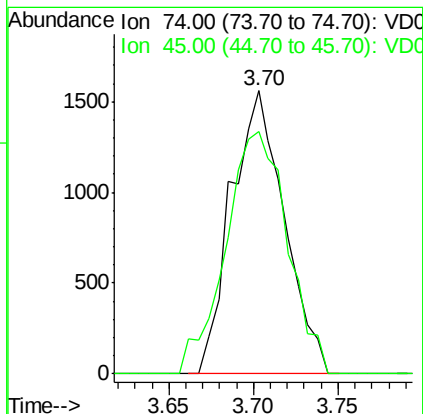
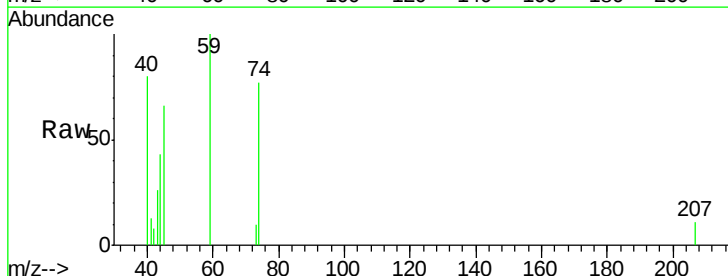
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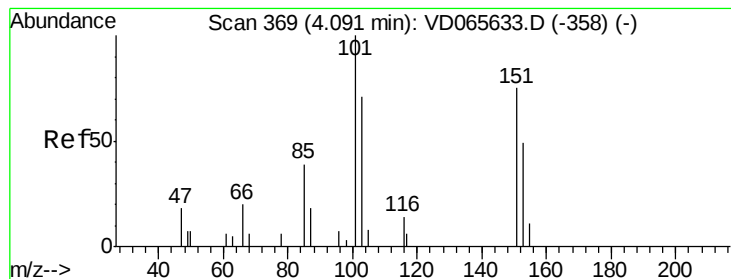


#8

Diethyl Ether
 Concen: 4.389 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.443 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

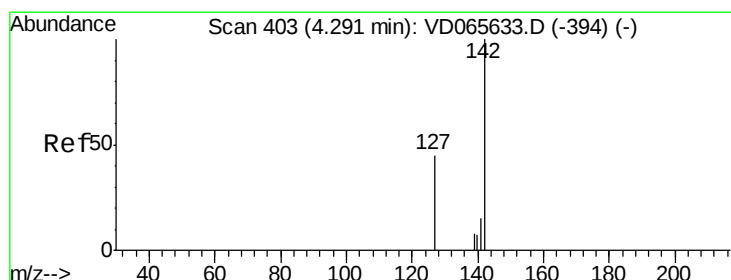
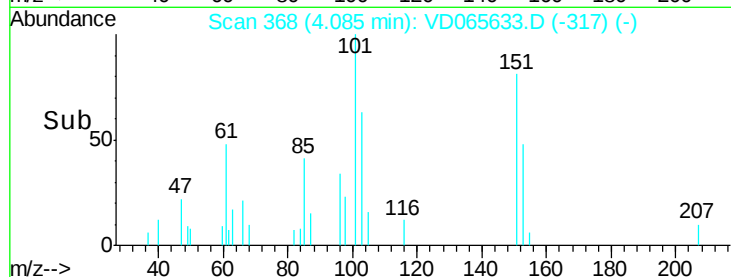
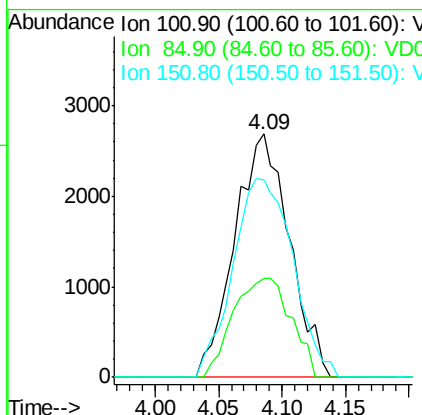
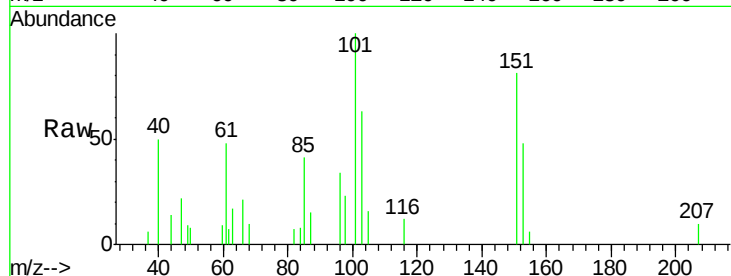
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	8060
Ion Ratio	Lower	Upper	
101	100		
85	43.1	36.2	54.2
151	89.5	65.6	98.4

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#10

Methyl Iodide

Concen: 3.588 ug/l

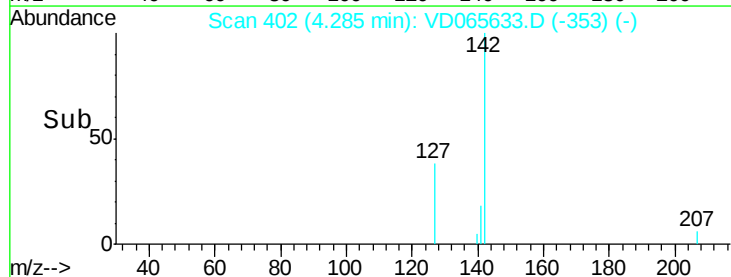
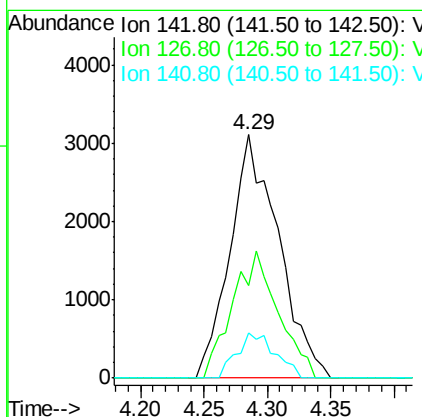
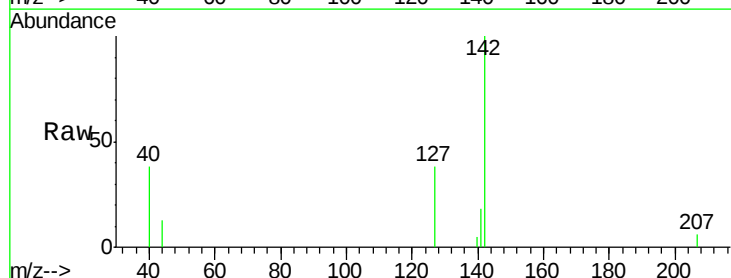
RT: 4.29 min Scan# 402

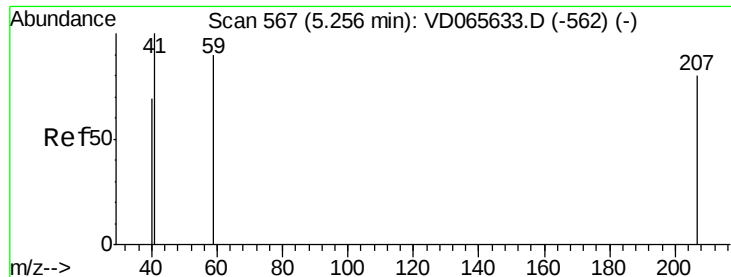
Delta R.T. -0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Tgt Ion:	142	Resp:	8250
Ion Ratio	Lower	Upper	
142	100		
127	49.1	38.1	57.1
141	14.6	12.1	18.1





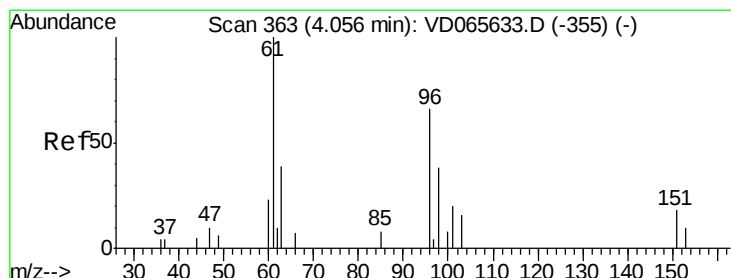
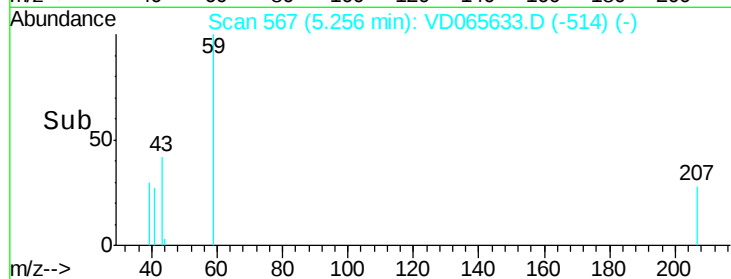
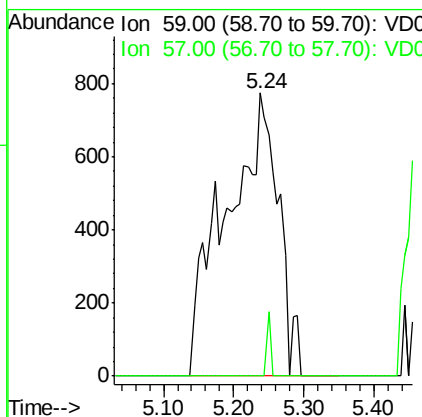
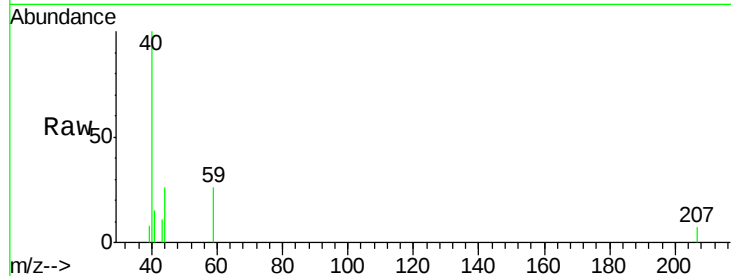
#11
Tert butyl alcohol
Concen: 22.057 ug/l m
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 2438
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

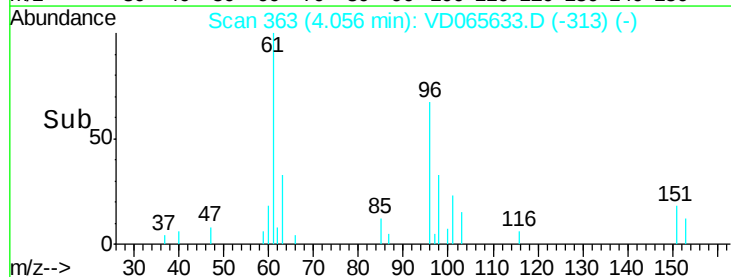
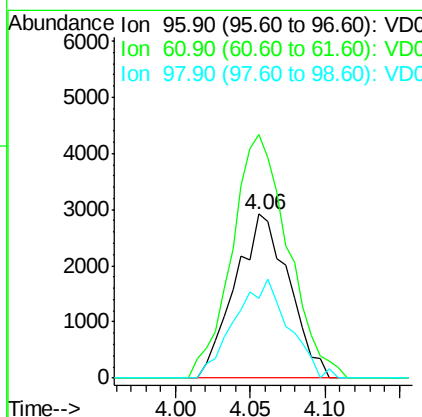
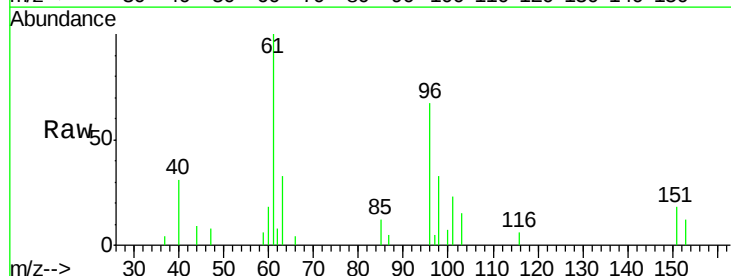
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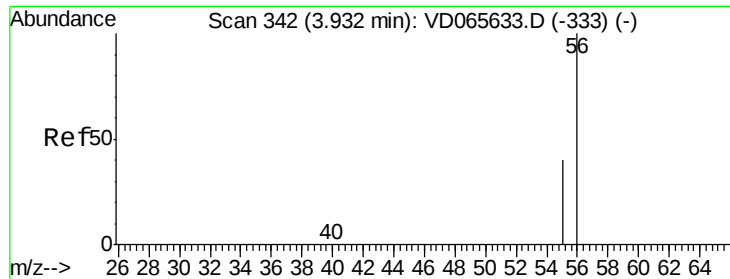
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#12
1,1-Dichloroethene
Concen: 3.405 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion: 96 Resp: 7329
Ion Ratio Lower Upper
96 100
61 148.5 136.2 204.2
98 48.8 52.2 78.2#





#13

Acrolein

Concen: 12.678 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 1950

Ion Ratio Lower Upper

56 100

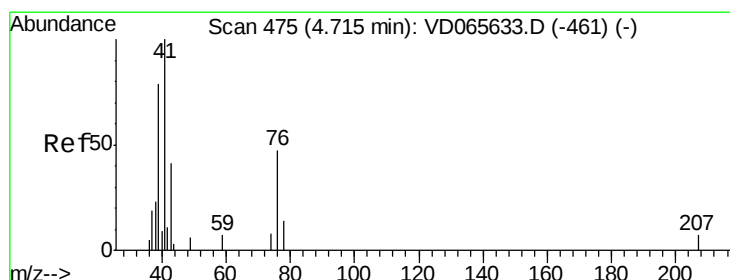
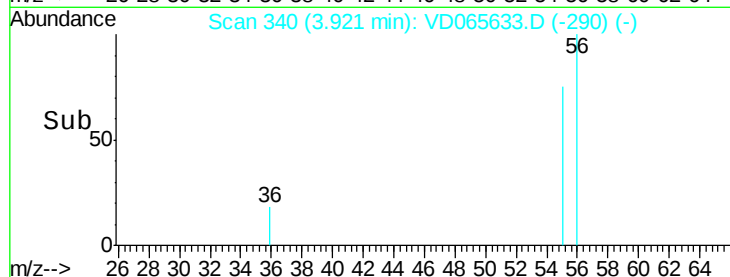
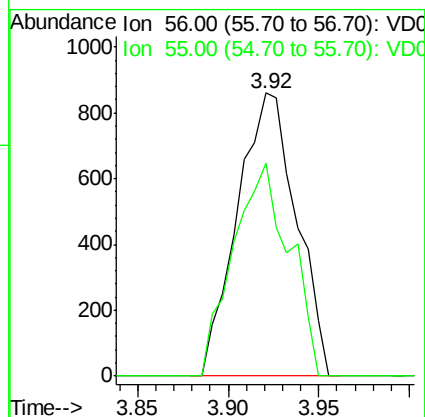
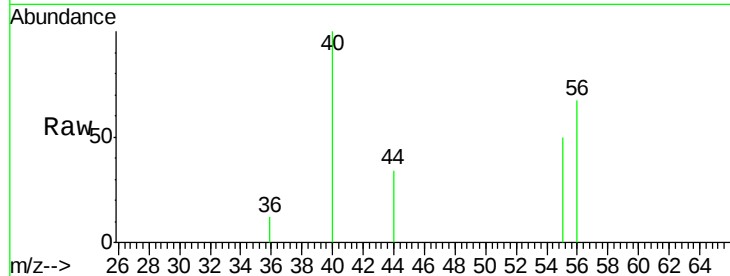
55 71.5 58.2 87.2

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#14

Allyl chloride

Concen: 3.180 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

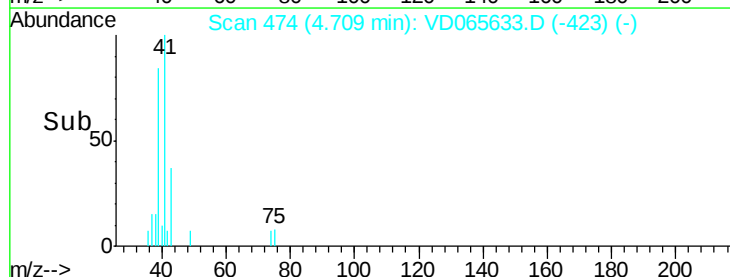
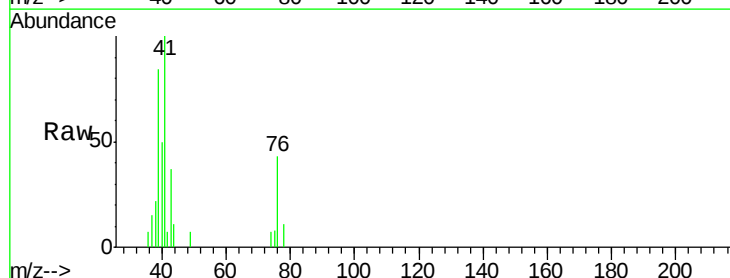
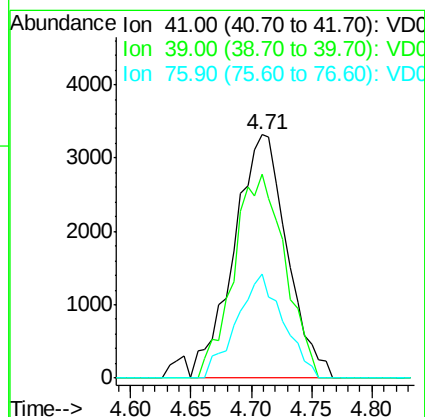
Tgt Ion: 41 Resp: 10163

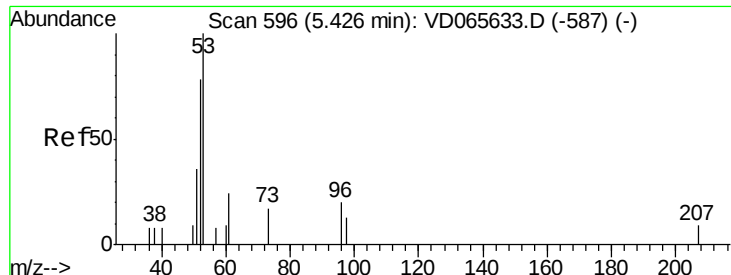
Ion Ratio Lower Upper

41 100

39 80.7 62.5 93.7

76 37.5 29.1 43.7





#15

Acrylonitrile

Concen: 22.338 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

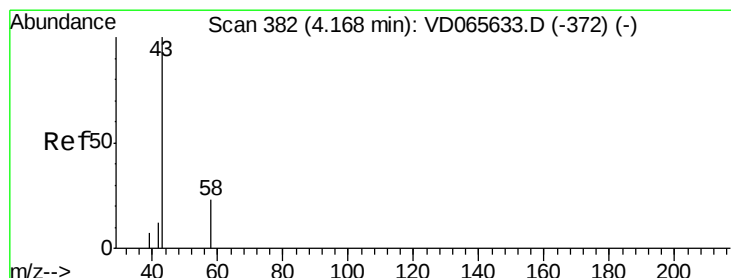
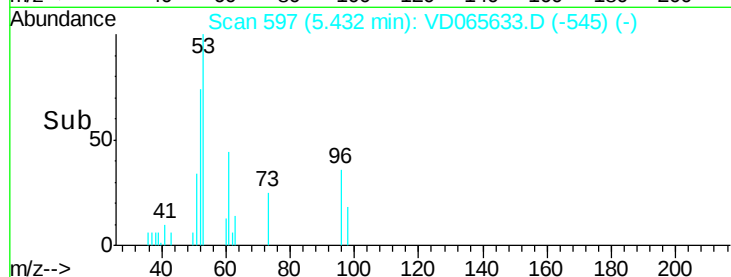
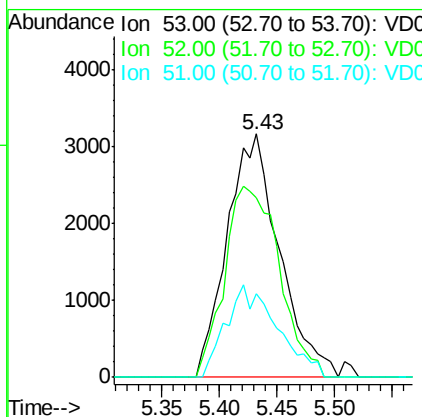
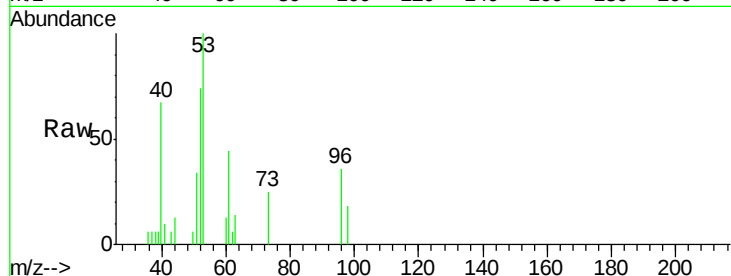
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	9988
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.6
51	37.1	30.9	46.3

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#16

Acetone

Concen: 20.603 ug/l

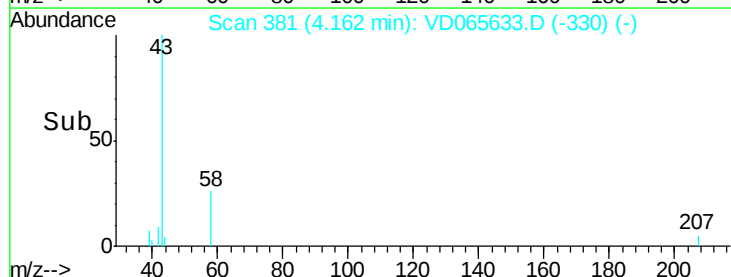
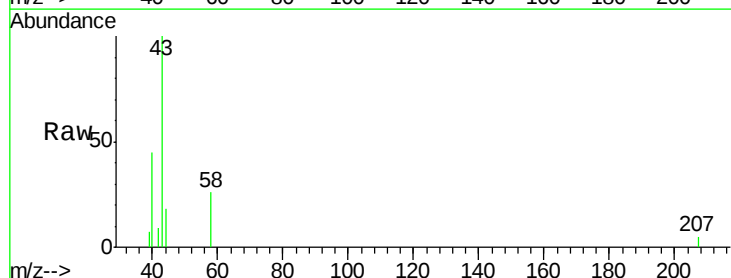
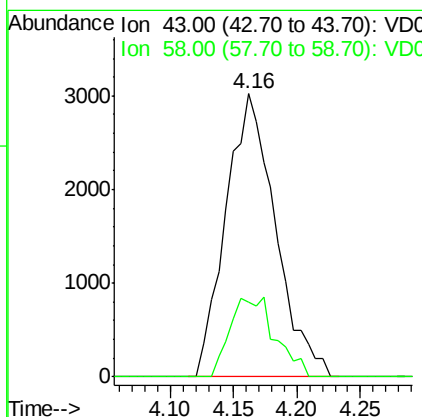
RT: 4.16 min Scan# 381

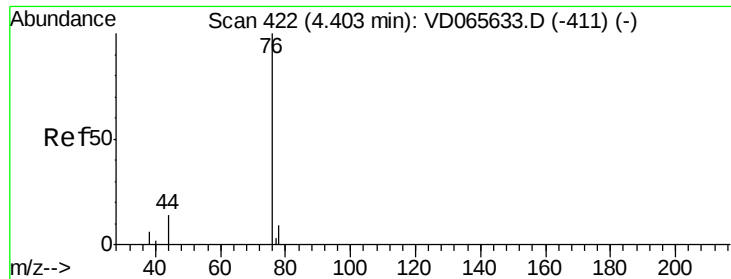
Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Tgt Ion:	43	Resp:	8201
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.9	34.3





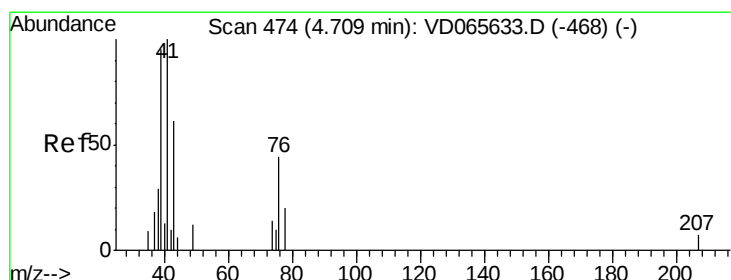
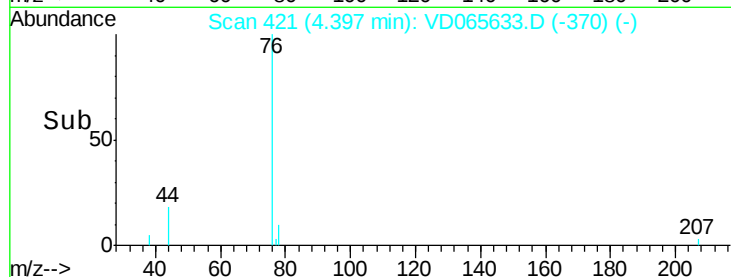
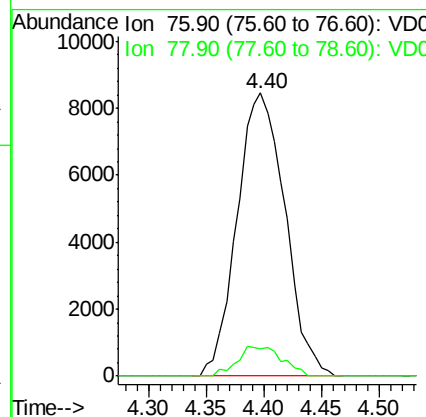
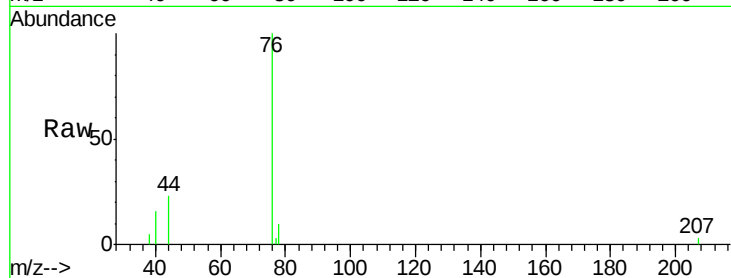
#17
Carbon Disulfide
Concen: 3.406 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 24378
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9

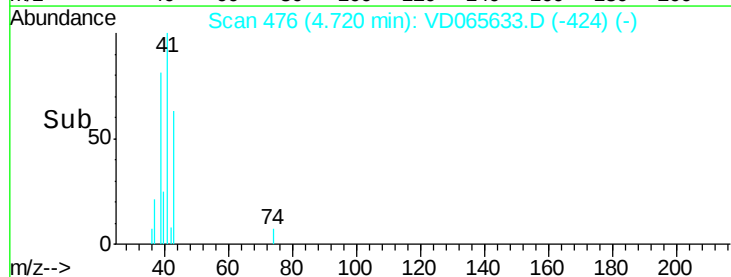
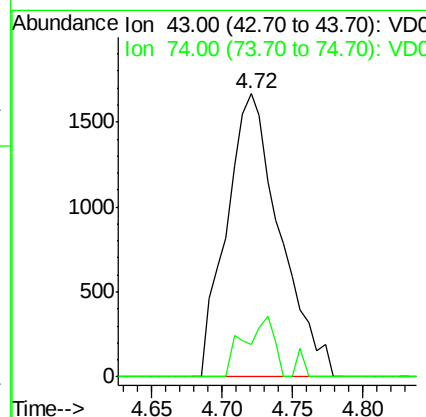
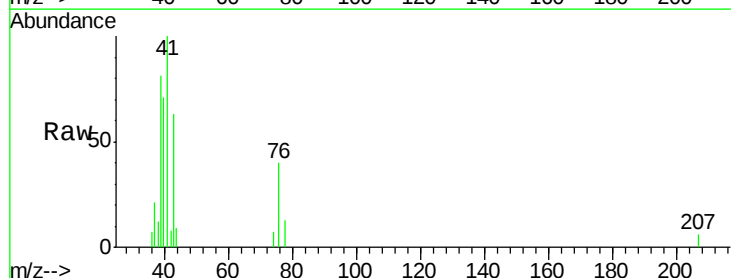
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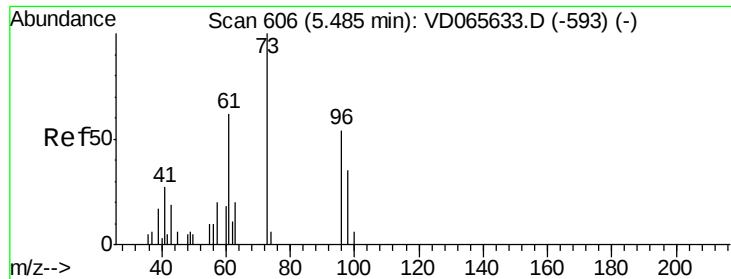
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#18
Methyl Acetate
Concen: 3.794 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
74 12.1 18.6 28.0#





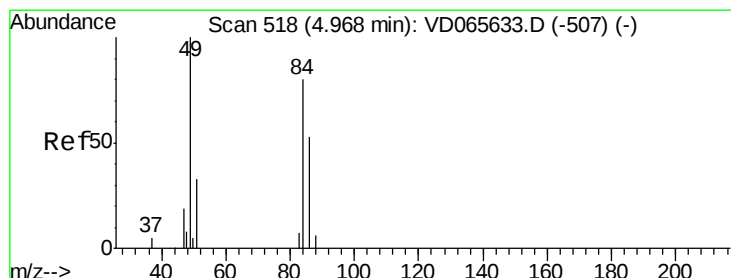
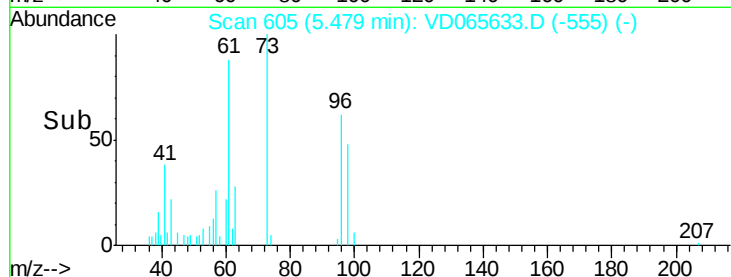
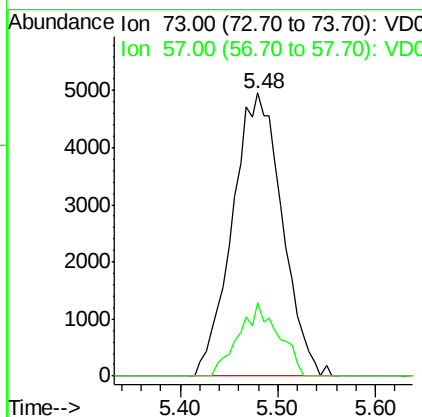
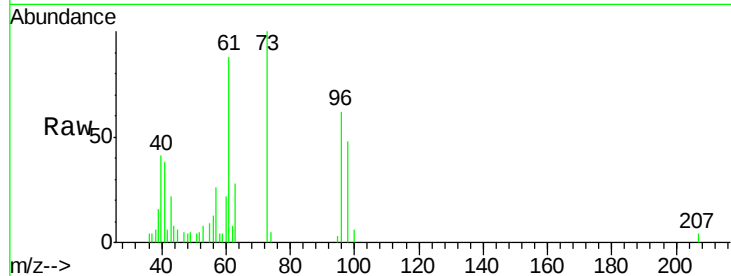
#19
Methvl tert-butvl Ether
Concen: 4.177 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 17707
Ion Ratio Lower Upper
73 100
57 25.7 17.8 26.8

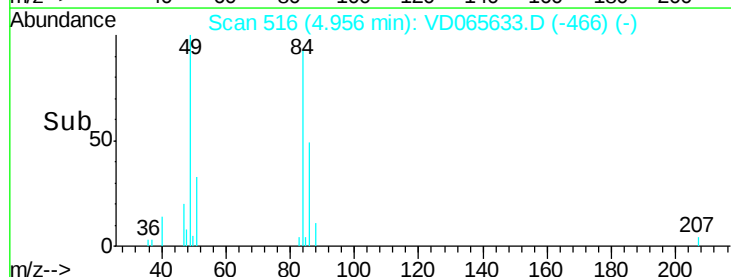
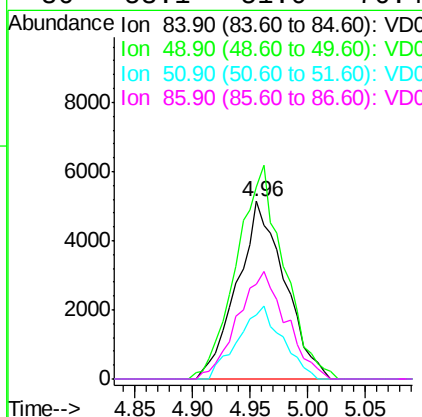
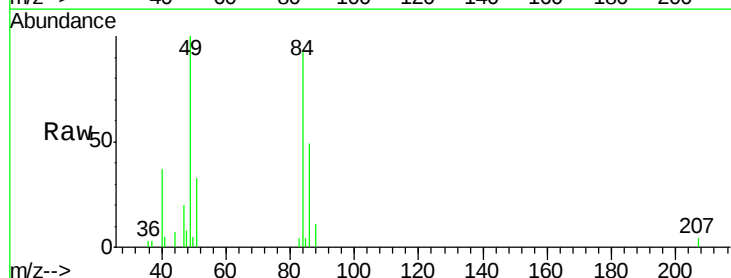
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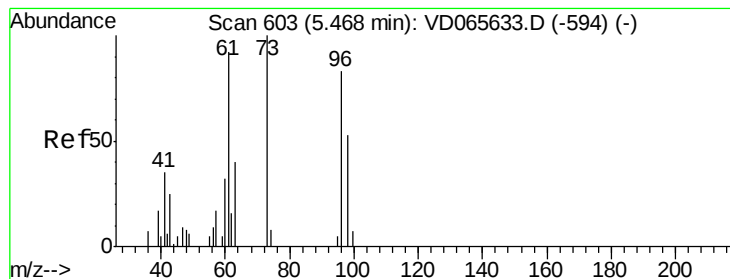
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#20
Methylene Chloride
Concen: 5.725 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion: 84 Resp: 14775
Ion Ratio Lower Upper
84 100
49 107.8 102.0 153.0
51 36.0 30.8 46.2
86 53.1 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 4.914 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 12023

Ion Ratio Lower Upper

96 100

61 126.7 102.6 153.8

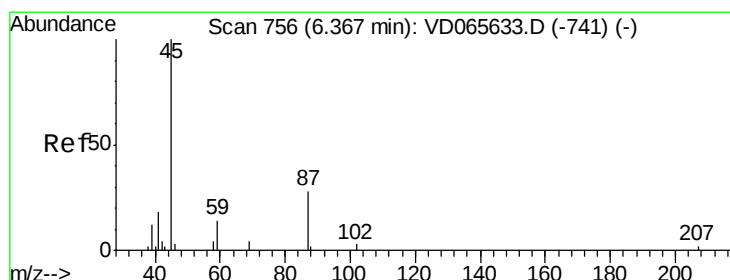
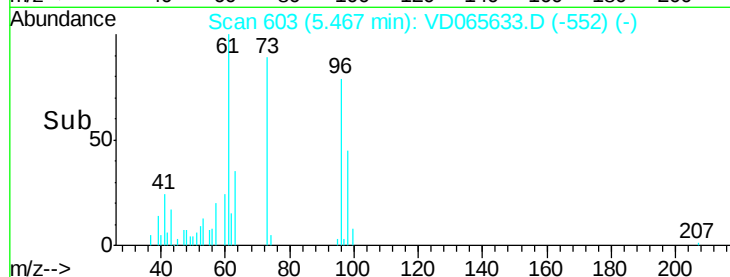
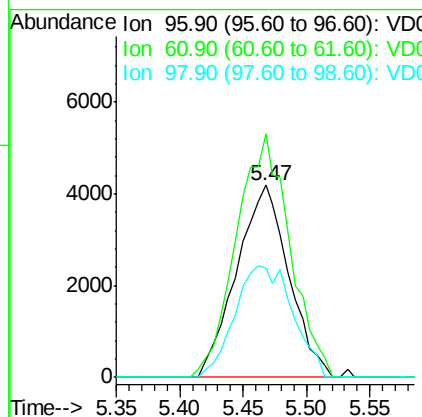
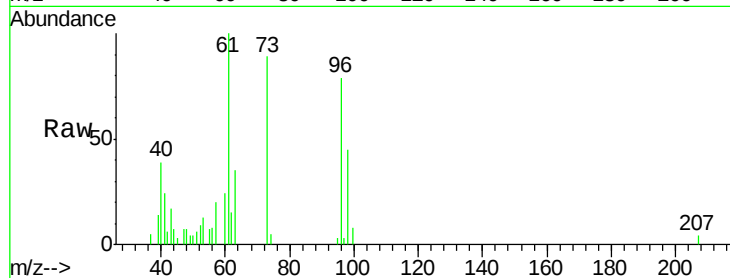
98 56.7 49.4 74.0

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#22

Diisopropyl ether

Concen: 4.065 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Tgt Ion: 45 Resp: 27064

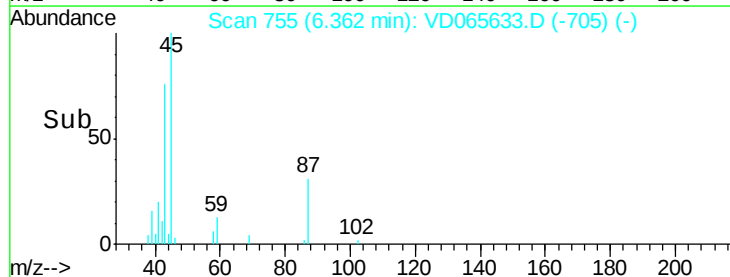
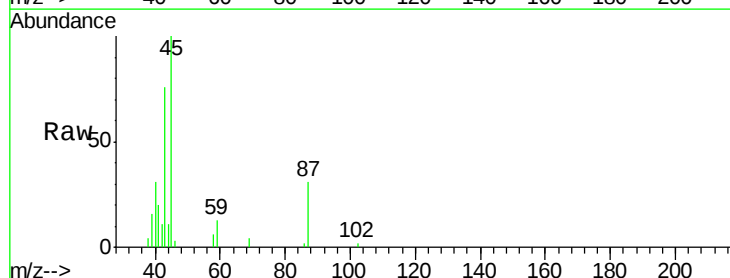
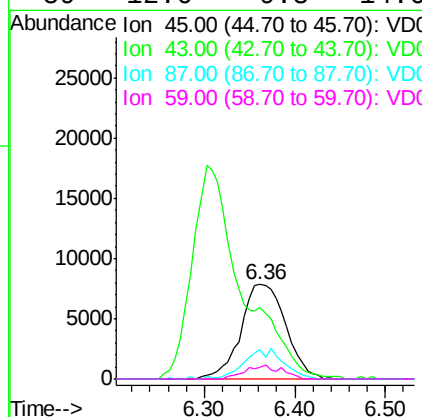
Ion Ratio Lower Upper

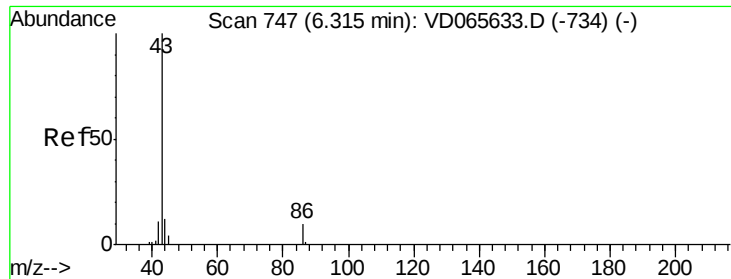
45 100

43 73.5 42.2 63.2#

87 30.7 22.1 33.1

59 12.6 9.8 14.6





#23

Vinyl Acetate

Concen: 19.039 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 67605

Ion Ratio Lower Upper

43 100

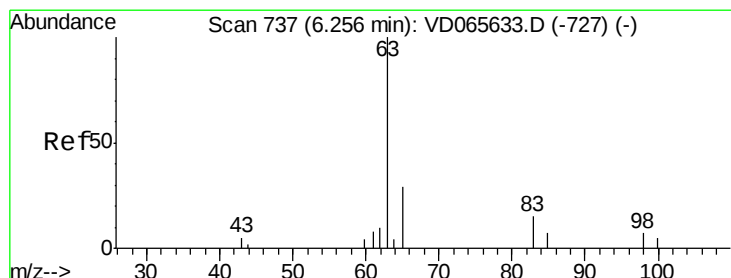
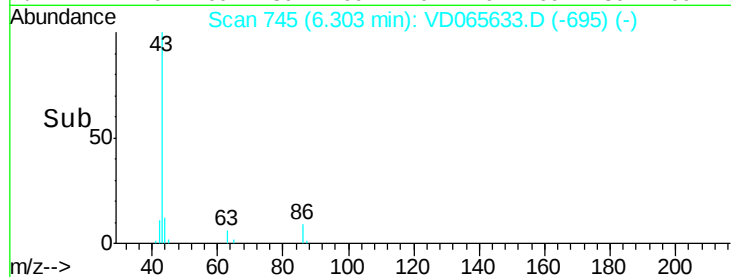
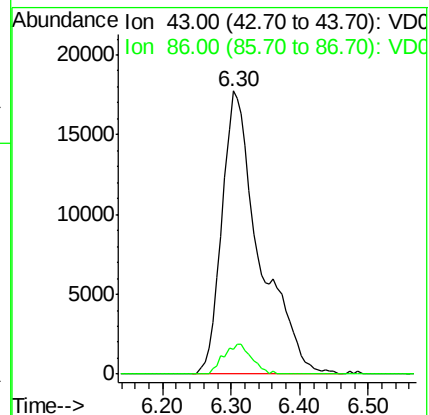
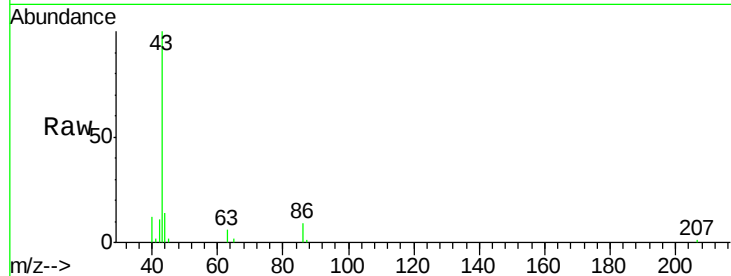
86 9.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 5.006 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

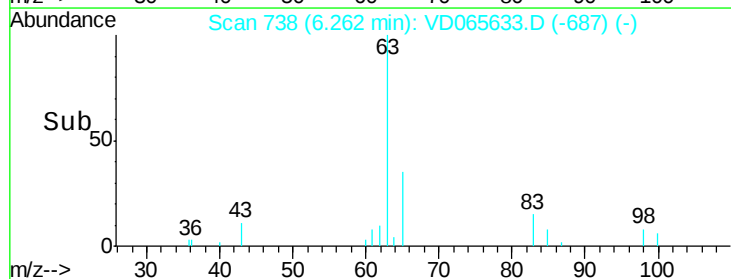
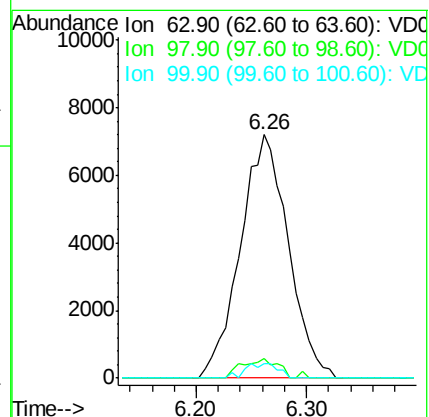
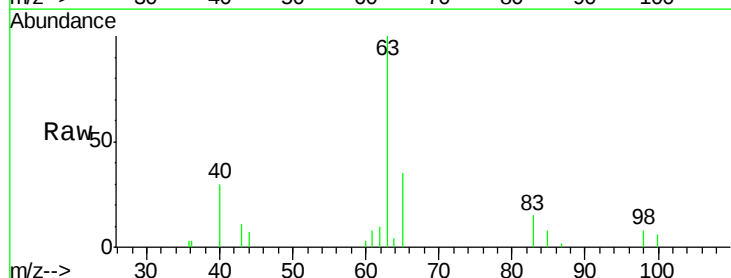
Tgt Ion: 63 Resp: 21917

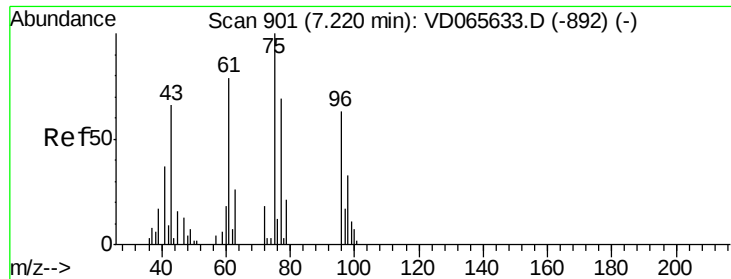
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 6.0 2.4 7.2





#25

2-Butanone

Concen: 22.170 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 12874

Ion Ratio Lower Upper

43 100

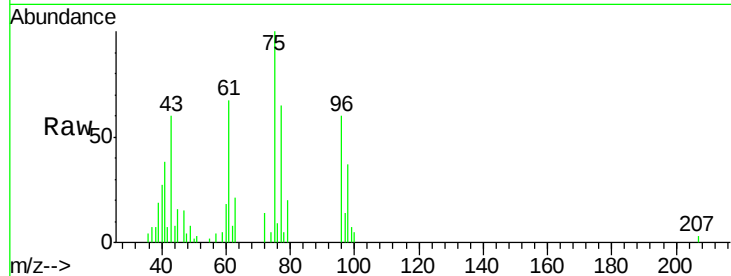
72 22.7 20.5 30.7

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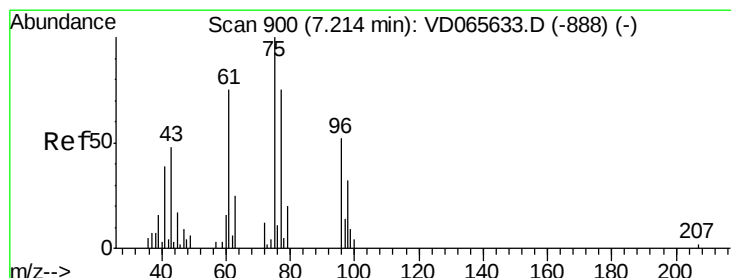
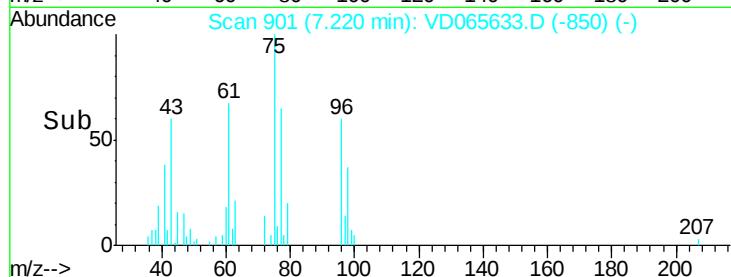
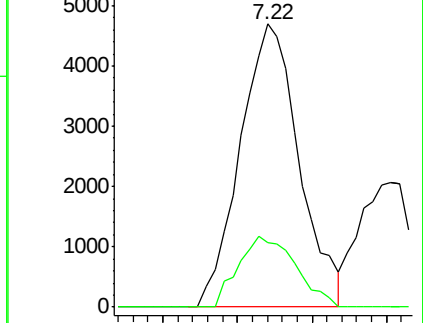
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.013 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065633.D

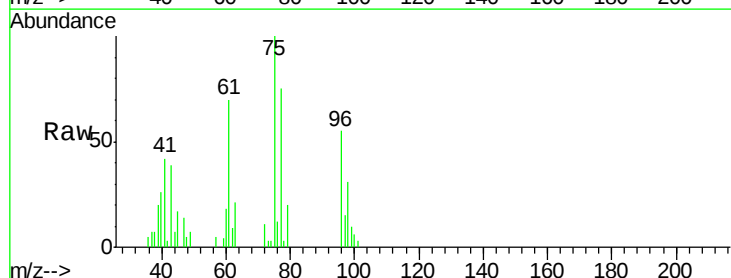
Acq: 15 Apr 2020 13:29

Tgt Ion: 77 Resp: 19547

Ion Ratio Lower Upper

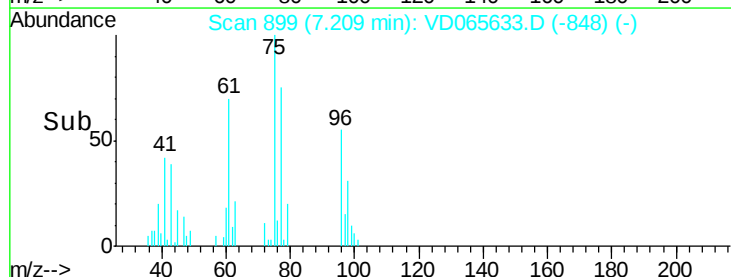
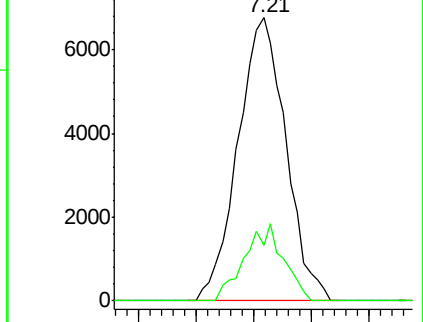
77 100

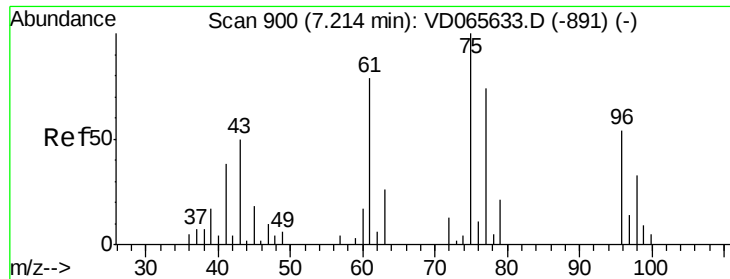
97 21.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

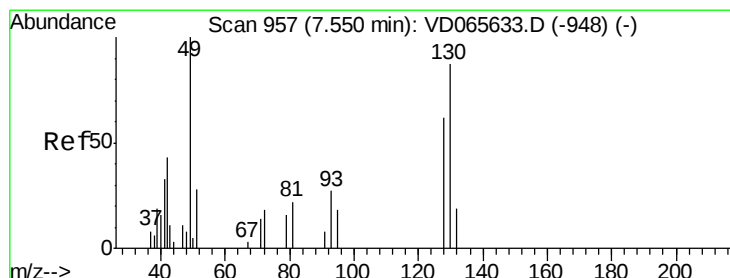
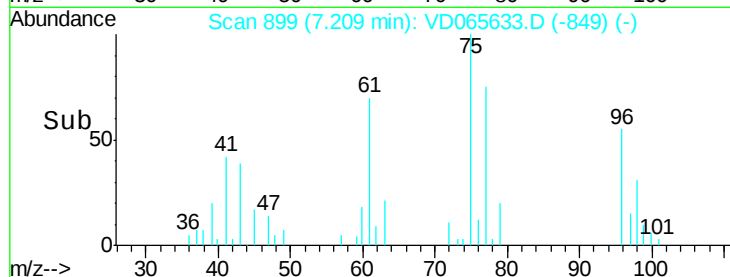
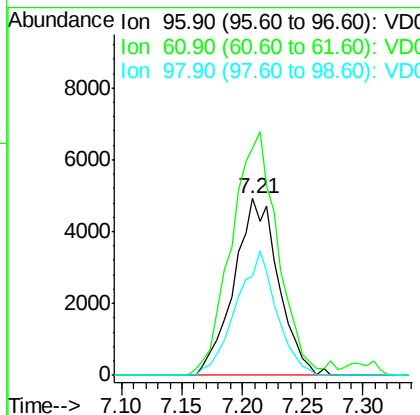
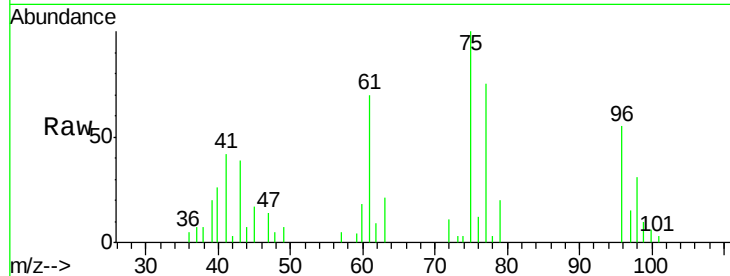
cis-1,2-Dichloroethene
Concen: 4.707 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	286.2
98	64.1	0.0	128.0

Manual Integrations
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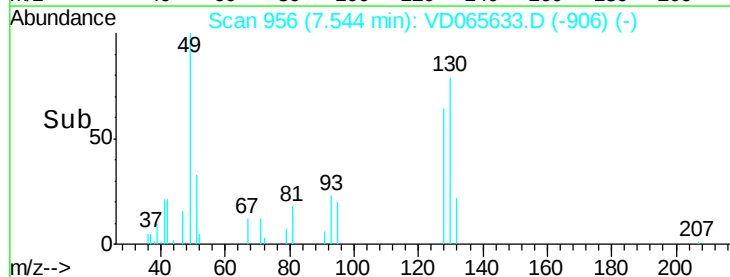
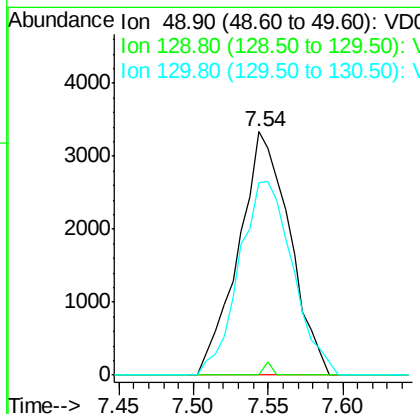
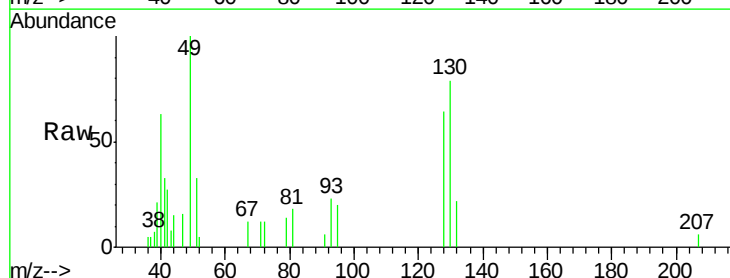
MMDadoda
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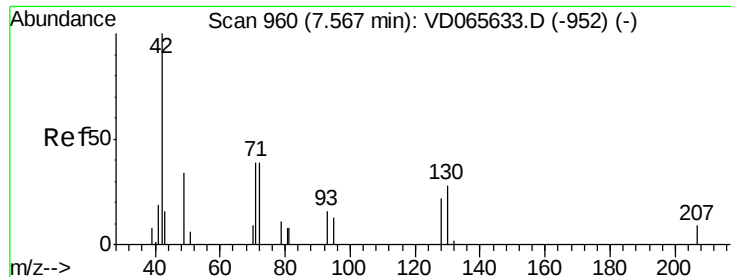


#28

Bromochloromethane
Concen: 4.452 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.2
130	83.4	66.2	99.2





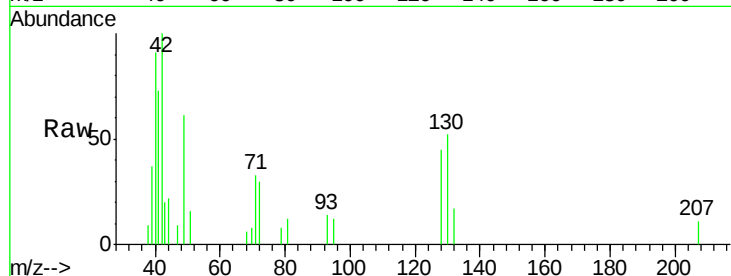
#29
Tetrahydrofuran
Concen: 18.737 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

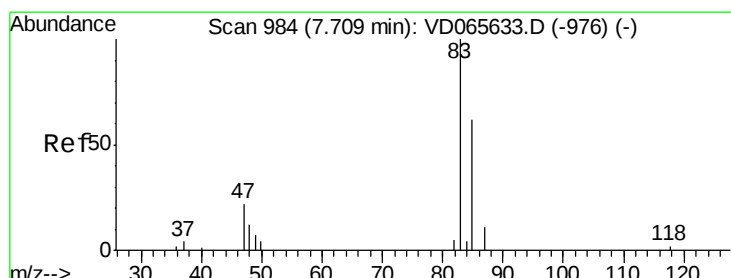
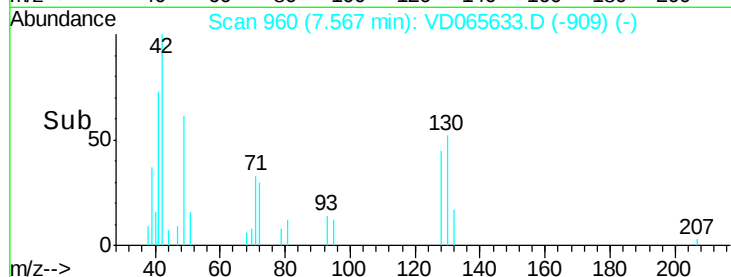
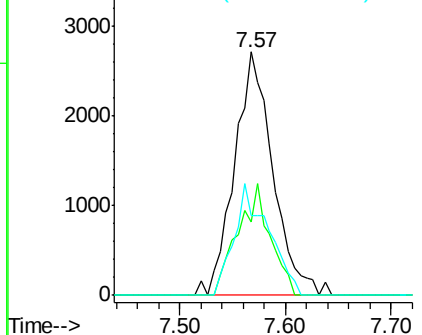
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	34.4	51.6
71	40.9	31.4	47.0

Manual Integrations
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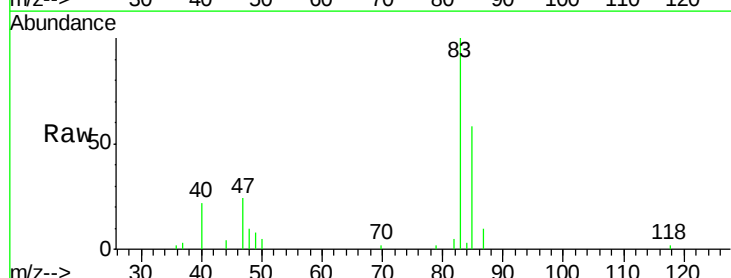


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

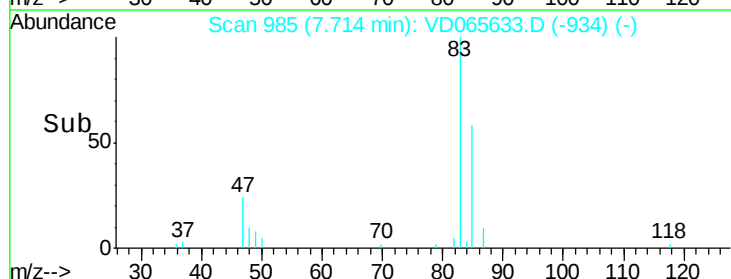
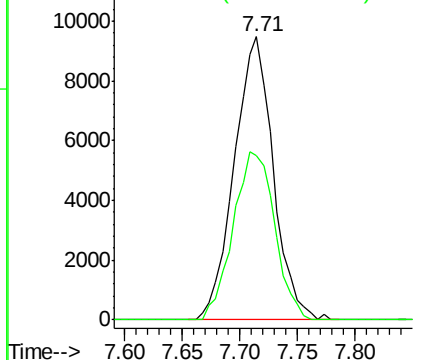


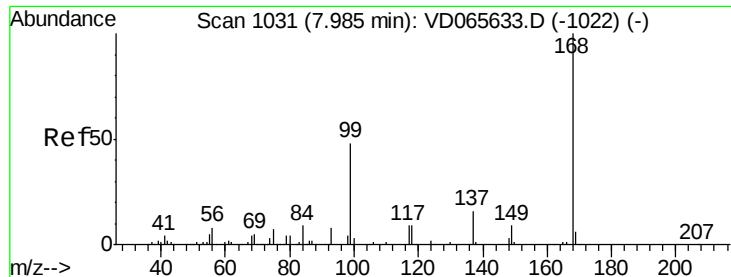
#30
Chloroform
Concen: 4.852 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.1	52.6	78.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





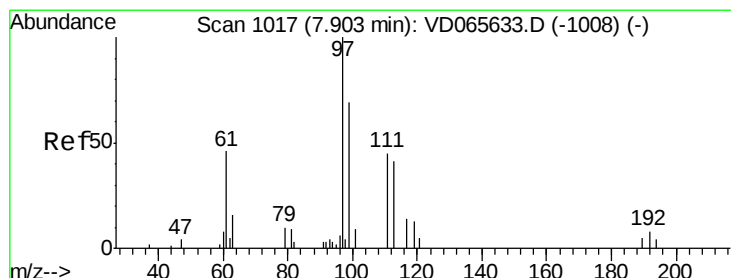
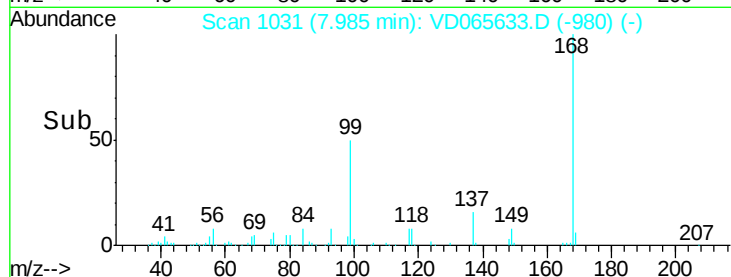
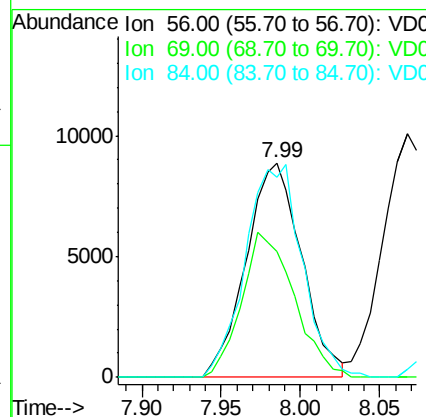
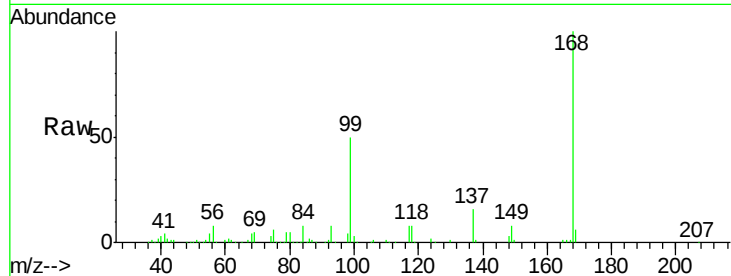
#31
Cyclohexane
Concen: 5.276 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	58.8	26.6	40.0#
84	93.2	75.3	112.9

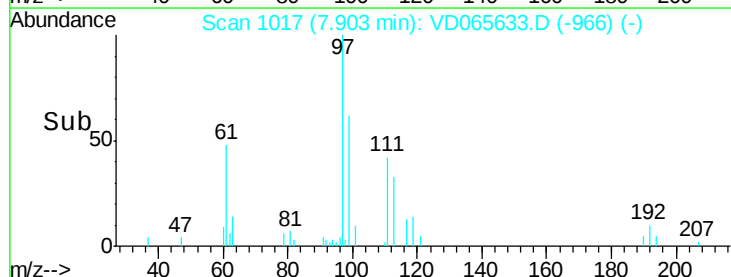
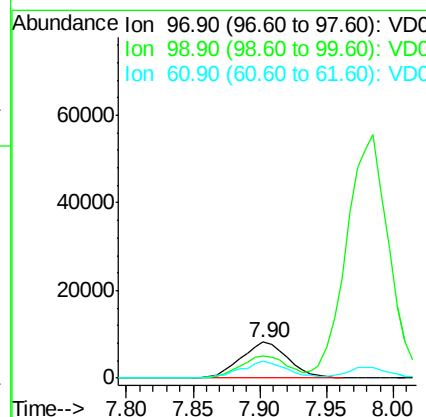
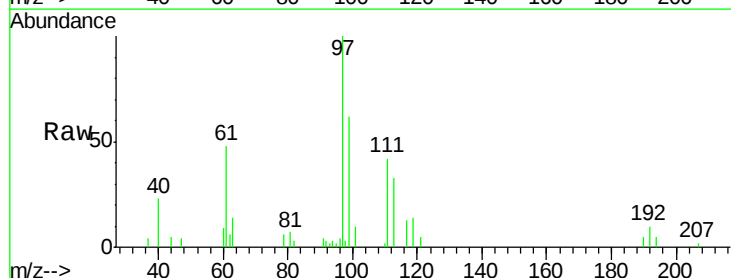
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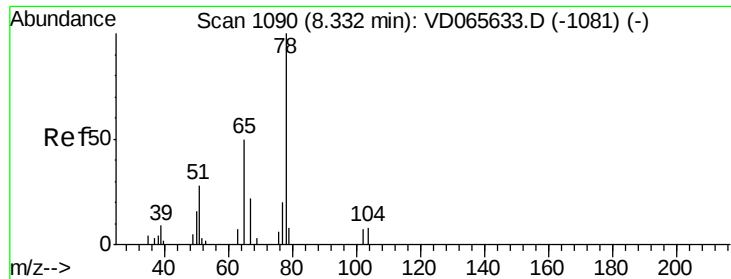
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#32
1,1,1-Trichloroethane
Concen: 4.883 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
97	100		
61	61.1	51.5	77.3
192	45.9	34.8	52.2





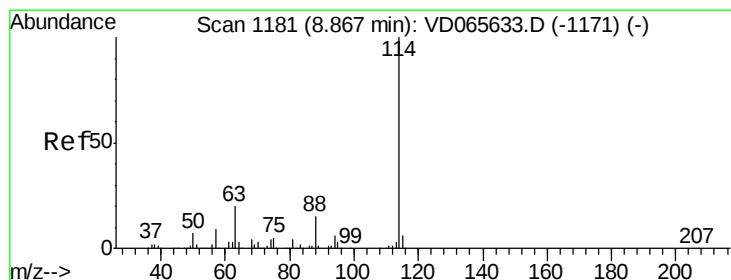
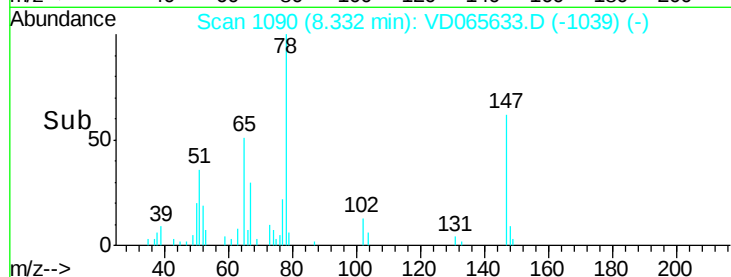
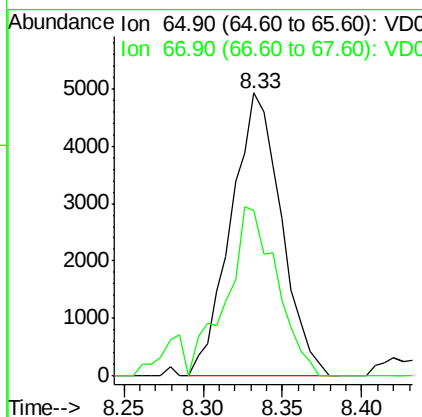
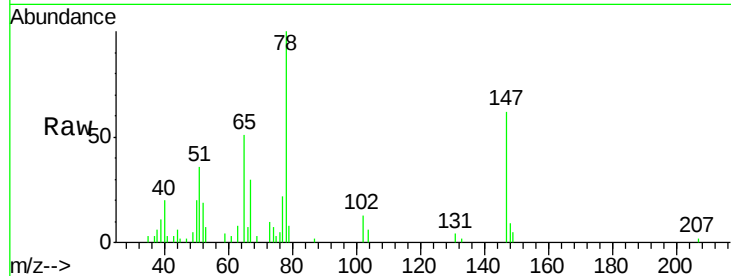
#33
 1,2-Dichloroethane-d4
 Concen: 4.727 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	10854		
67	59.9	0.0	105.8	

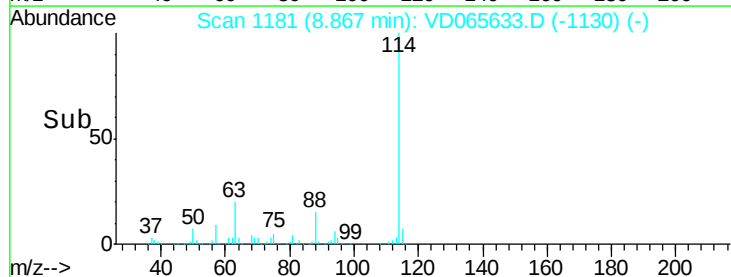
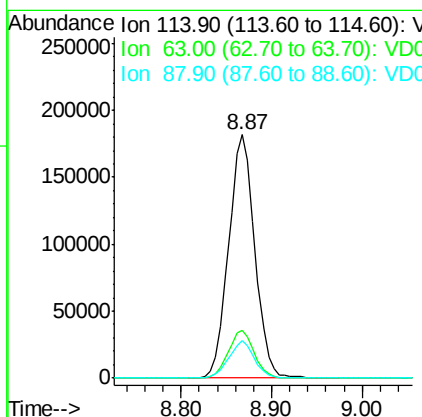
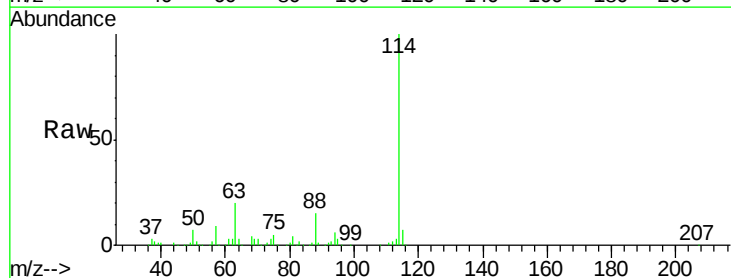
Manual Integrations
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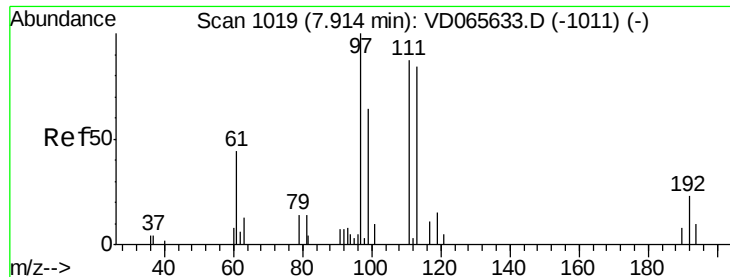
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	365118		
63	19.7	0.0	40.8	
88	15.4	0.0	31.6	





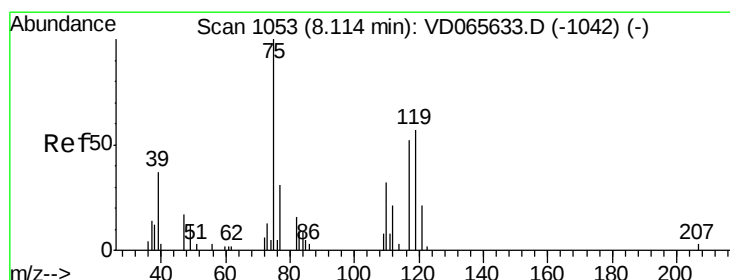
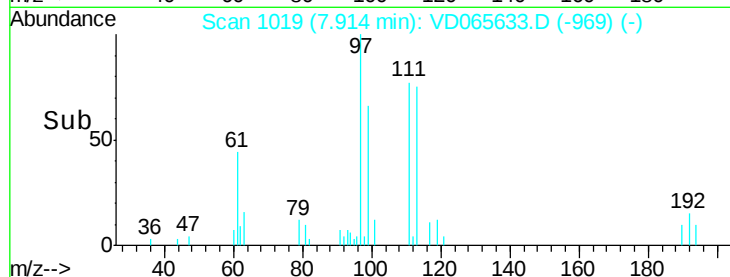
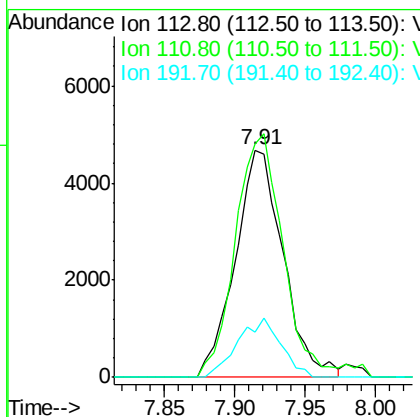
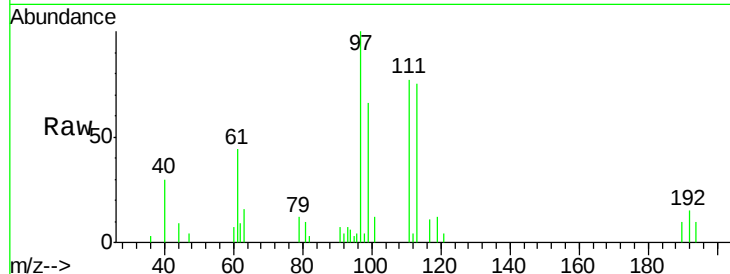
#35
 Dibromofluoromethane
 Concen: 4.429 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.2	81.9	122.9
192	23.5	18.9	28.3

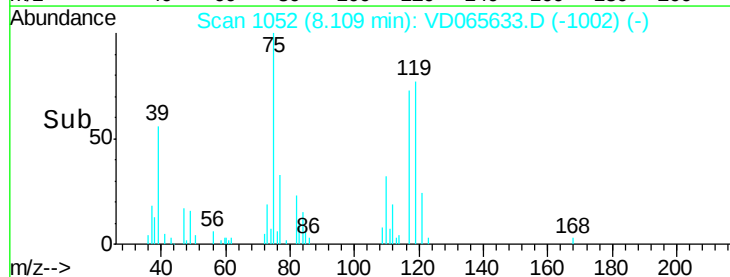
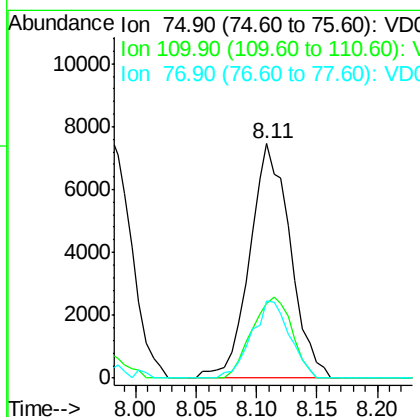
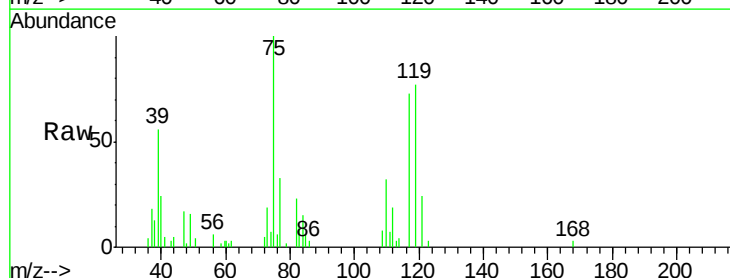
Manual Integrations
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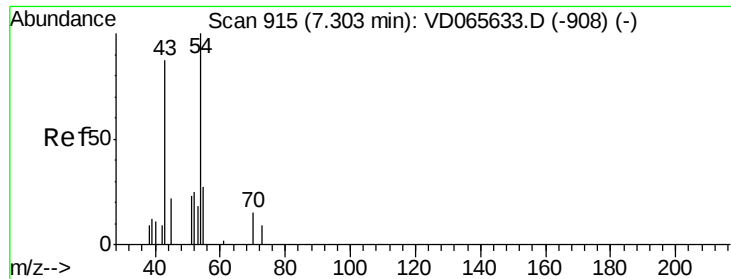
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#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	18.3	54.8
77	31.0	24.6	37.0





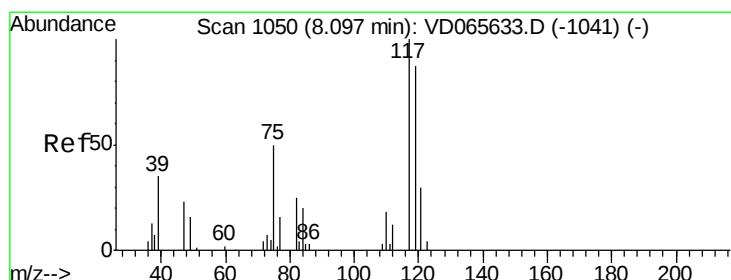
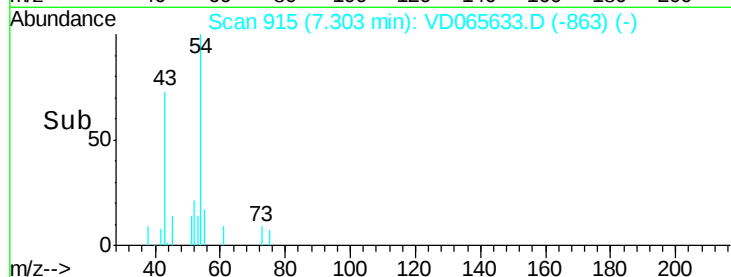
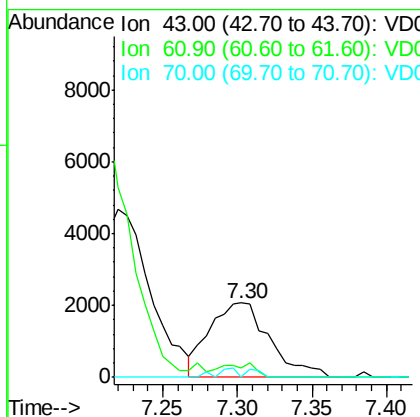
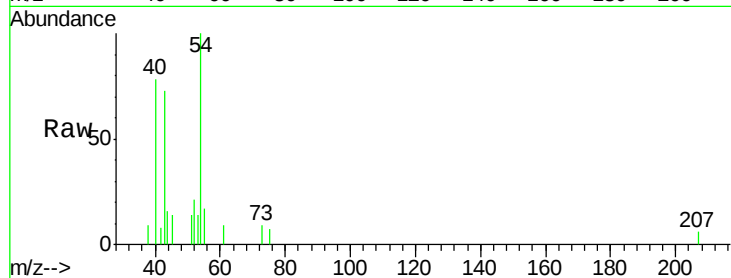
#37
Ethyl Acetate
Concen: 4.048 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	2.5	7.9	11.9#

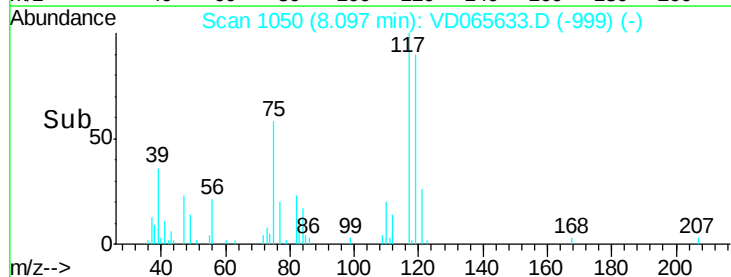
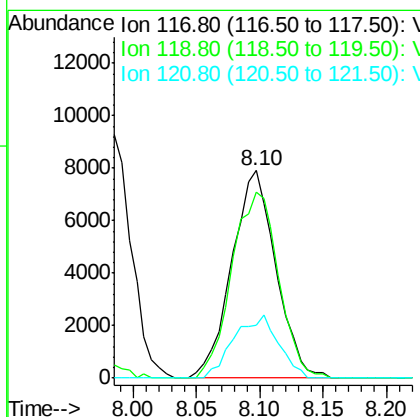
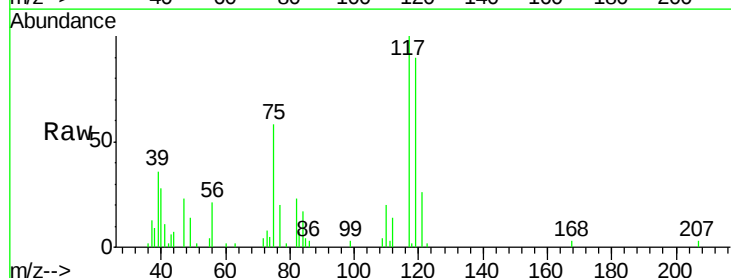
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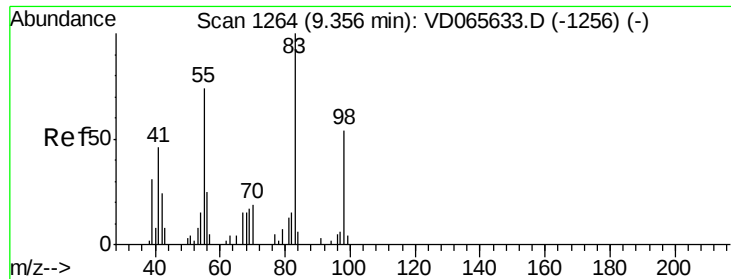
MMDadoda
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#38
Carbon Tetrachloride
Concen: 4.765 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	75.3	112.9
121	25.7	24.9	37.3





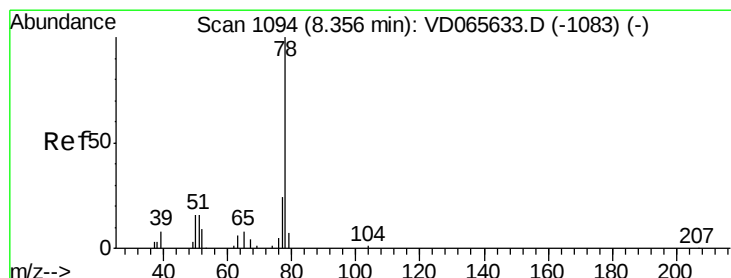
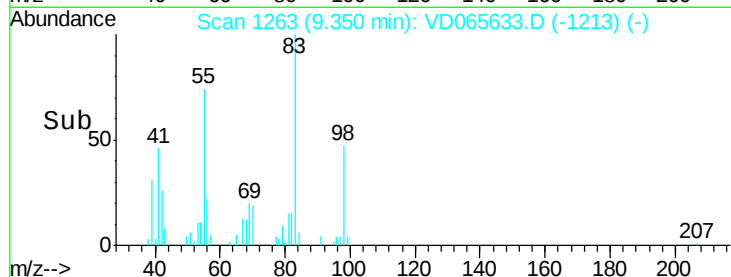
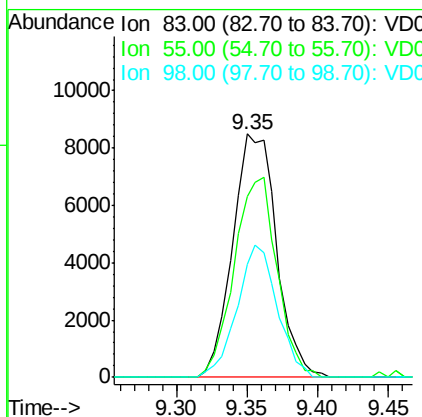
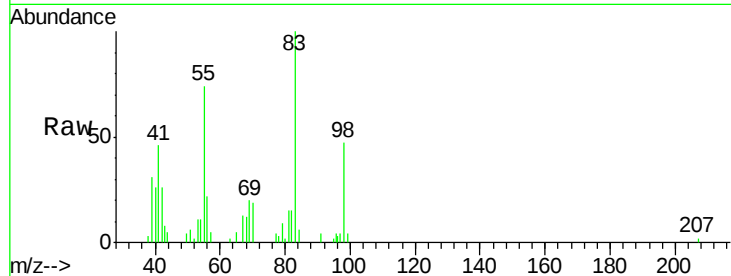
#39
Methvlcvclohexane
Concen: 4.409 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.4	62.3	93.5	
98	46.6	40.5	60.7	

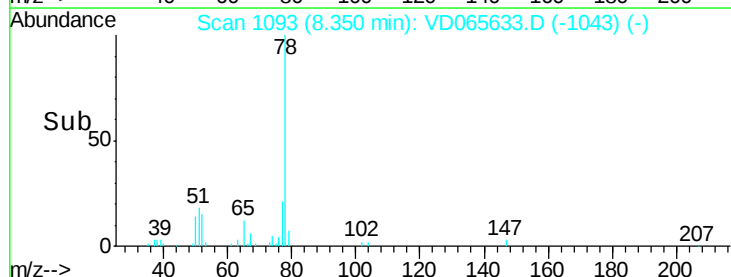
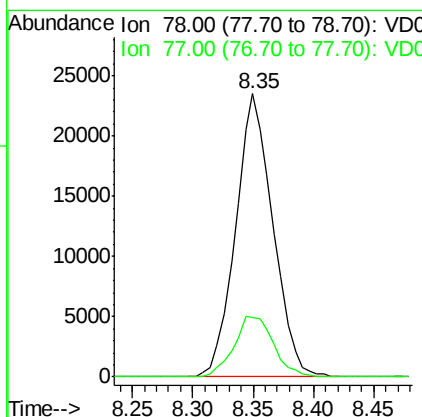
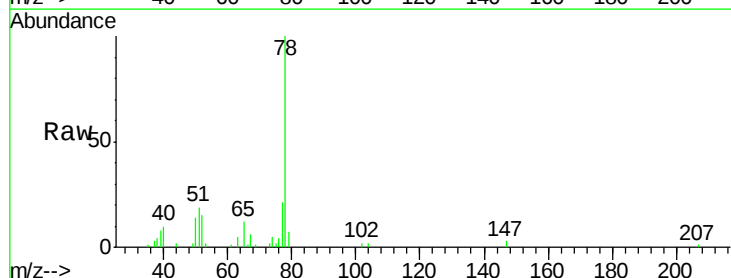
Manual Integrations
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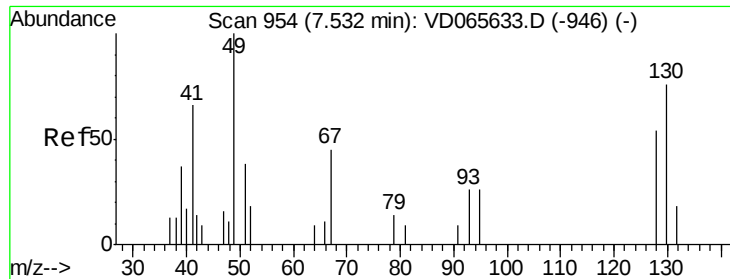
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#40
Benzene
Concen: 4.751 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	20.8	18.9	28.3	





#41

Methacrylonitrile

Concen: 3.427 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 2783

Ion Ratio Lower Upper

41 100

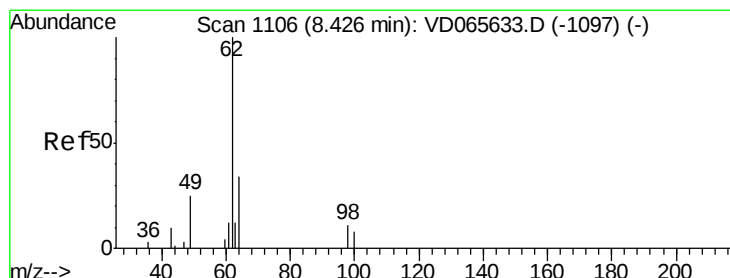
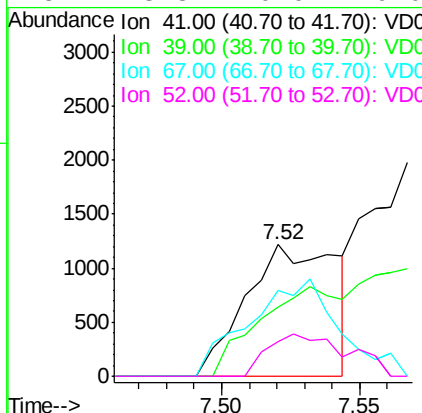
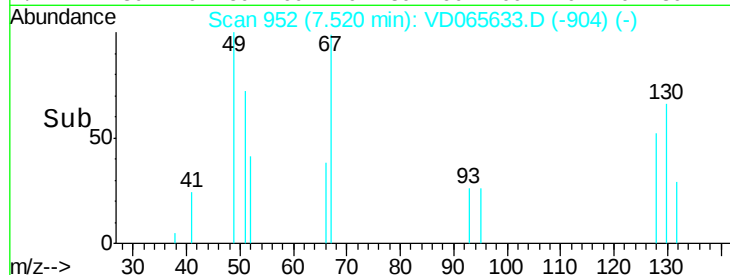
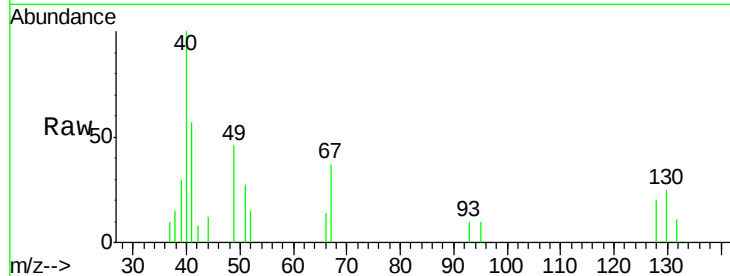
39 61.9 0.0 0.0#

67 72.9 0.0 0.0#

52 28.3 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 4.381 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065633.D

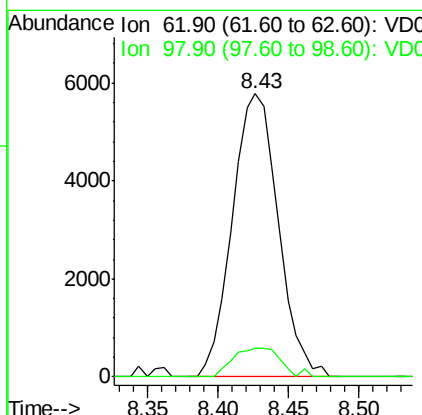
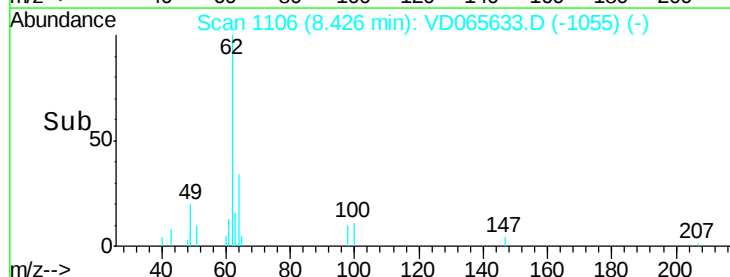
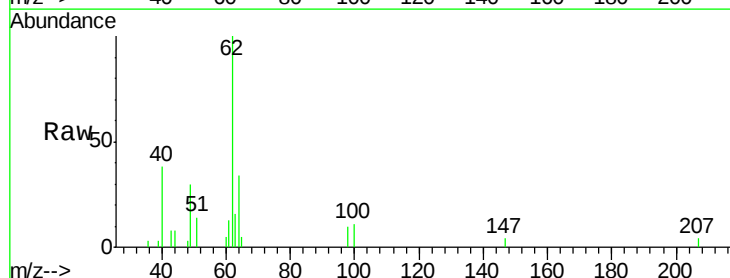
Acq: 15 Apr 2020 13:29

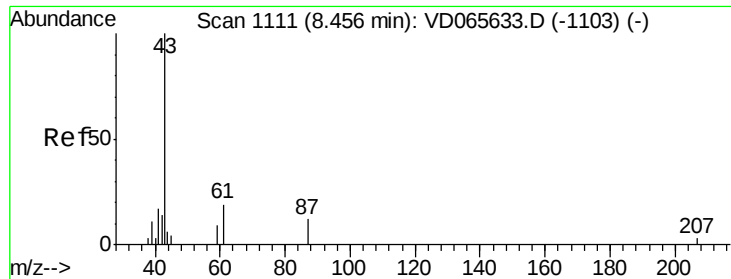
Tgt Ion: 62 Resp: 13136

Ion Ratio Lower Upper

62 100

98 10.6 0.0 20.6





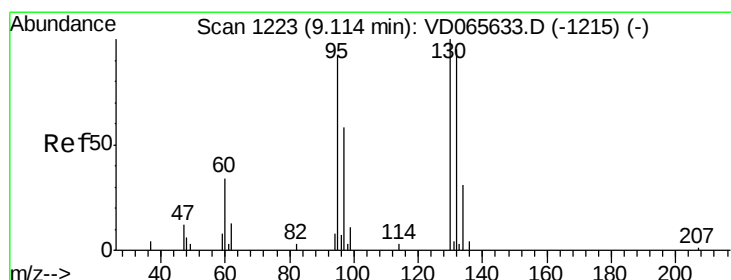
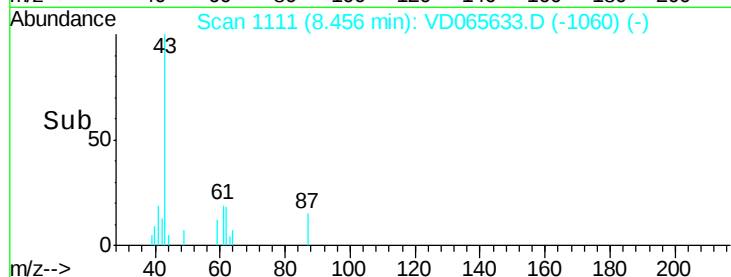
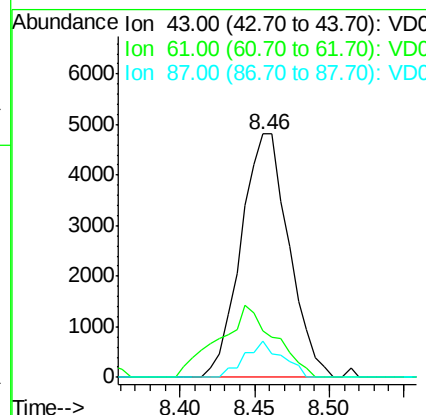
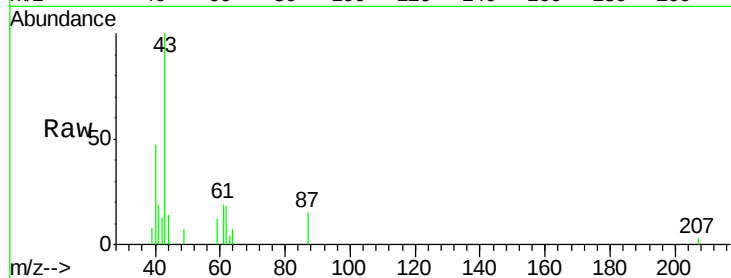
#43
Isopropyl Acetate
Concen: 4.143 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	10695
Ion	Ratio	Lower	Upper
43	100		
61	34.8	25.0	37.6
87	11.6	9.9	14.9

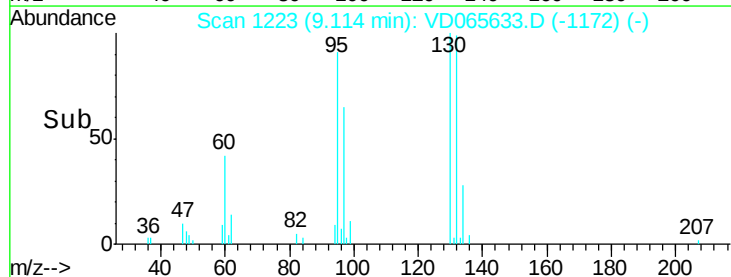
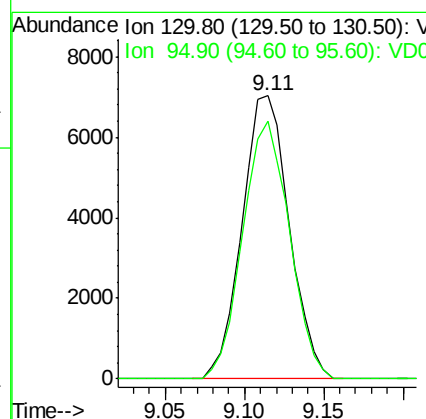
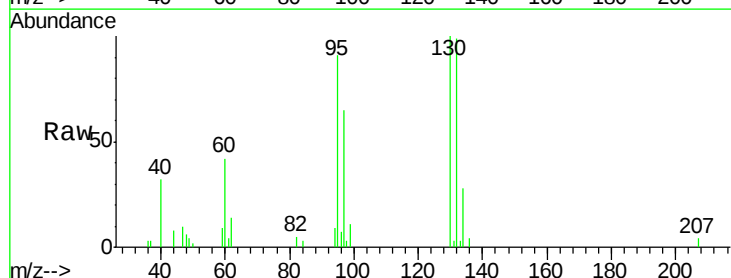
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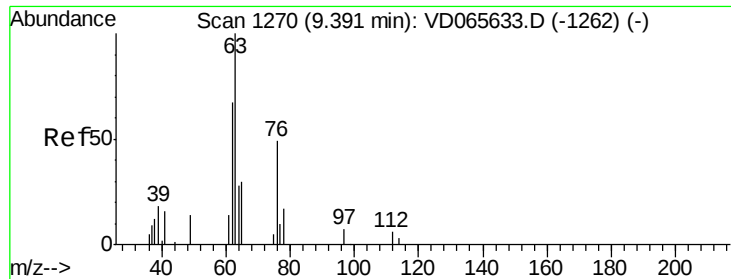
MMDadoda
4/29/2020 2:19:04 PM



#44
Trichloroethene
Concen: 4.789 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion:	130	Resp:	14506
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	178.4





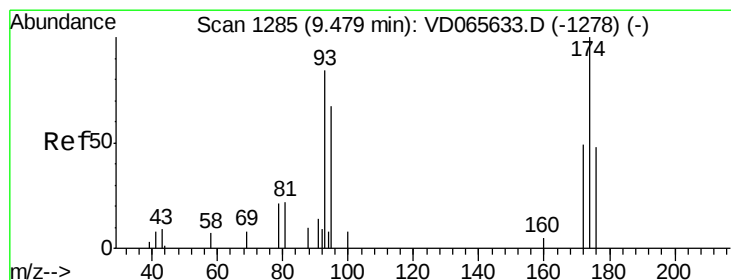
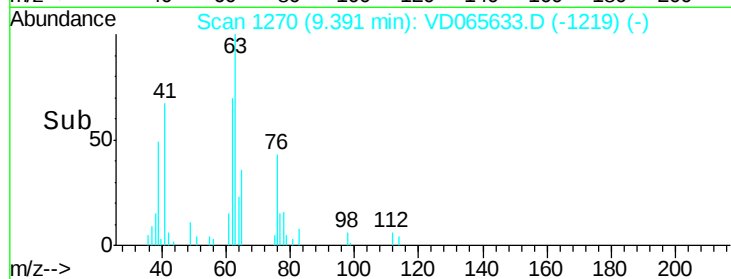
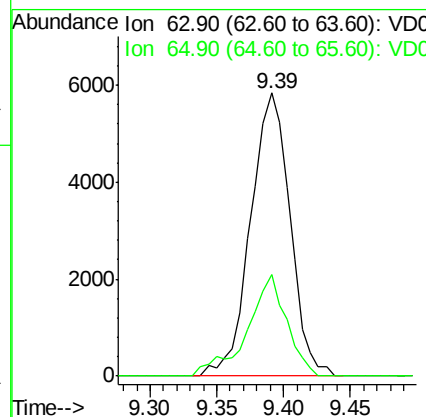
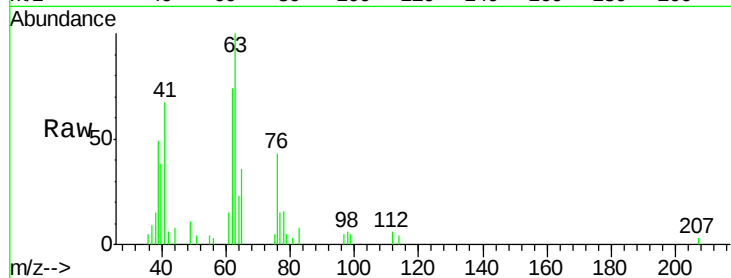
#45
 1,2-Dichloropropane
 Concen: 4.588 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 11936
 Ion Ratio Lower Upper
 63 100
 65 36.0 24.7 37.1

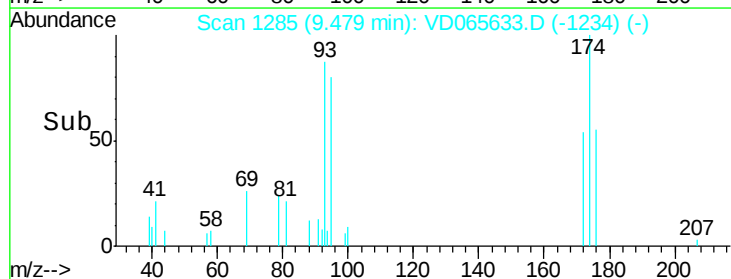
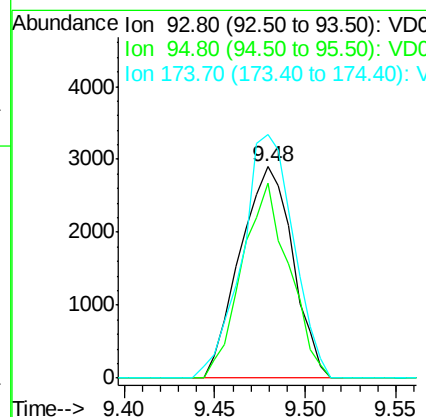
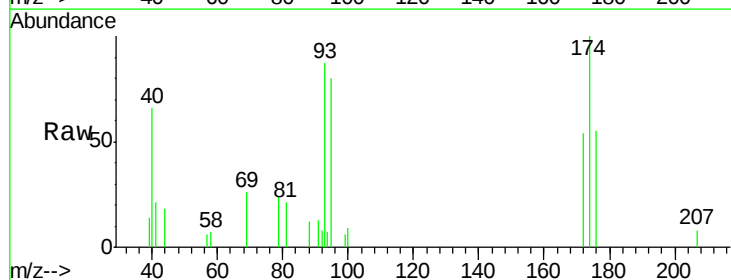
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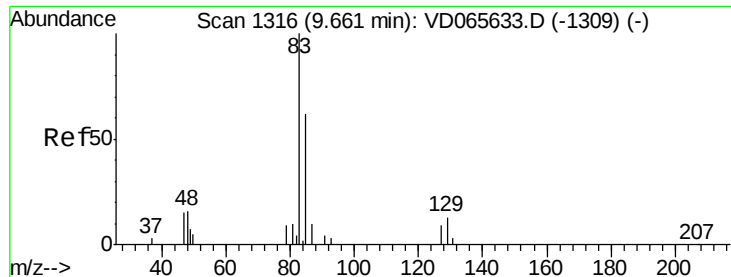
MMDadoda
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#46
 Dibromomethane
 Concen: 4.192 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion: 93 Resp: 5879
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.4 101.2
 174 112.8 94.1 141.1





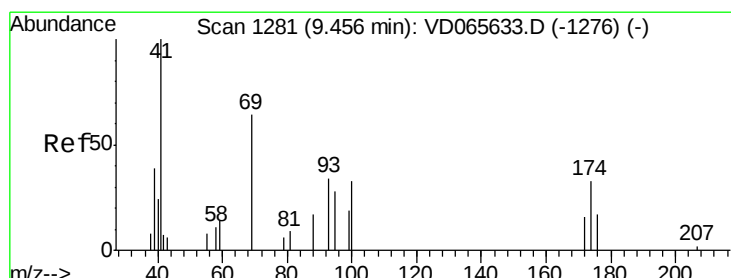
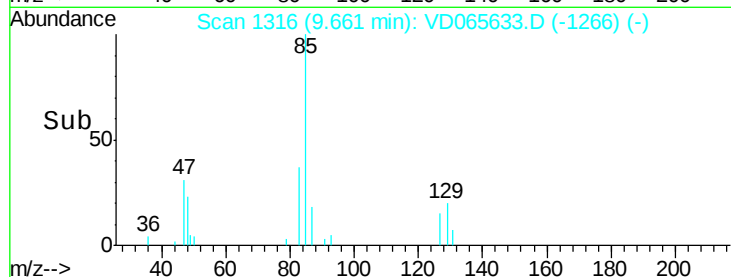
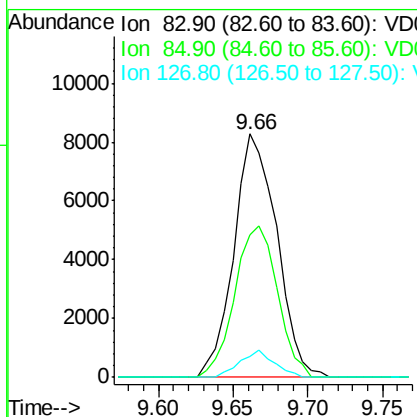
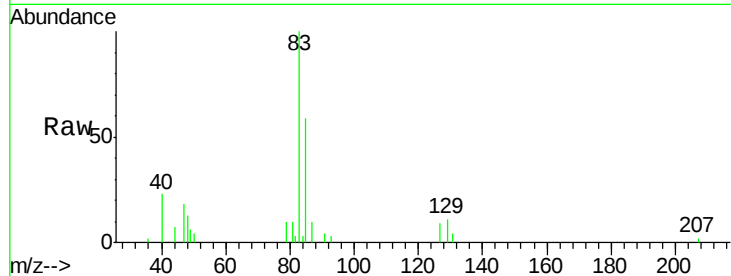
#47
Bromodichloromethane
Concen: 4.517 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	58.7	49.8	74.8
127	8.8	6.6	9.8

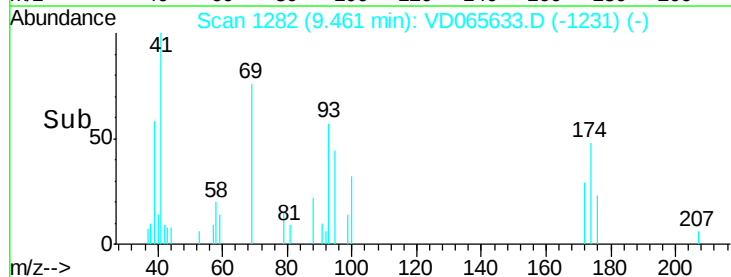
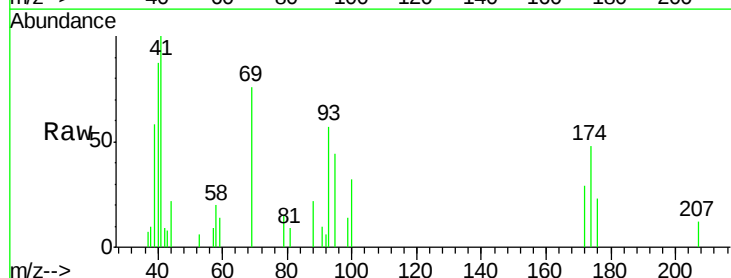
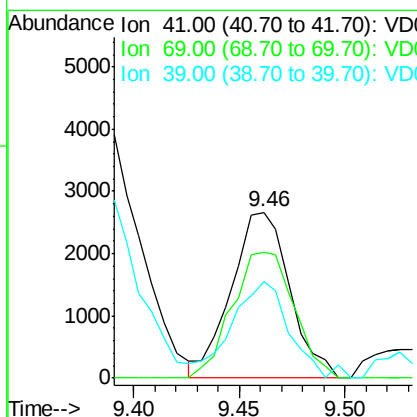
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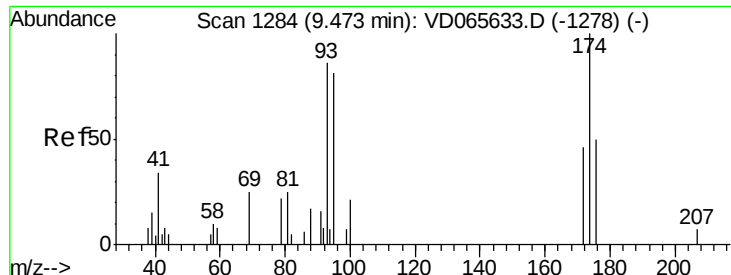
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#48
Methyl methacrylate
Concen: 4.163 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.1	66.8	100.2
39	58.0	39.6	59.4





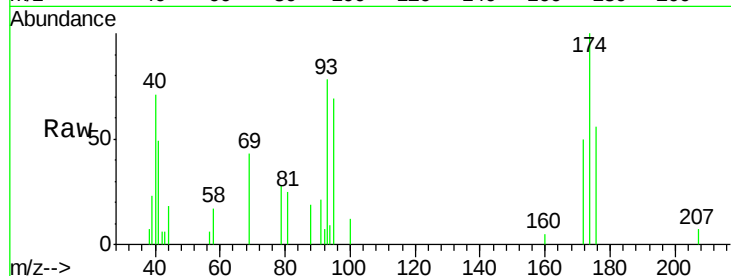
#49
 1,4-Dioxane
 Concen: 69.959 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	88	Resp	1067
Ion	Ratio	Lower	Upper
88	100		
43	34.5	28.1	42.1
58	90.1	55.7	83.5#

Manual Integrations
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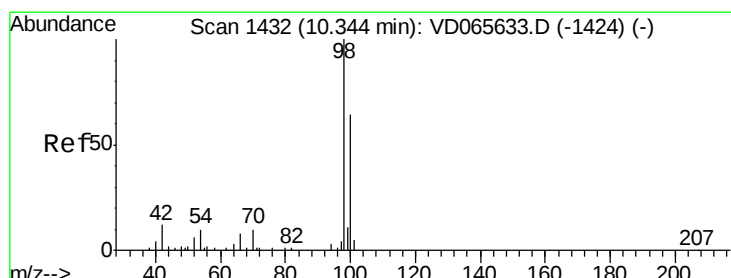
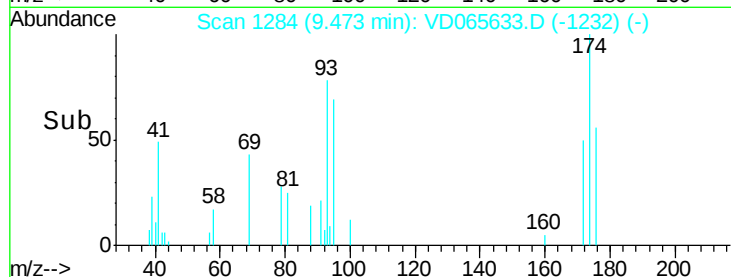
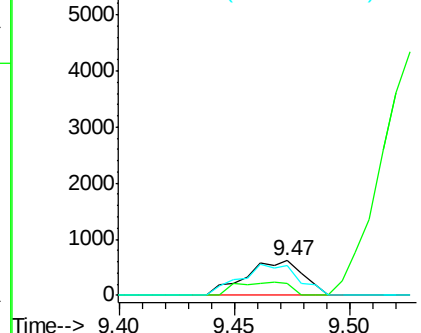


Abundance

Ion 88.00 (87.70 to 88.70): VDC

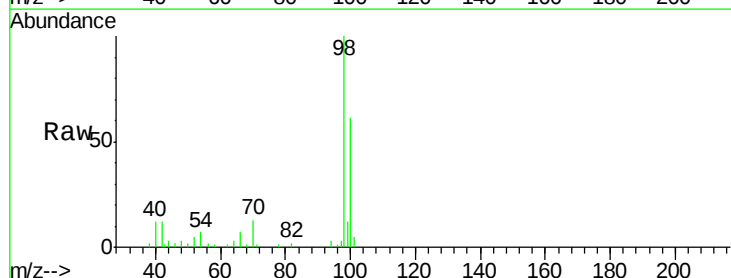
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
 Toluene-d8
 Concen: 4.328 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

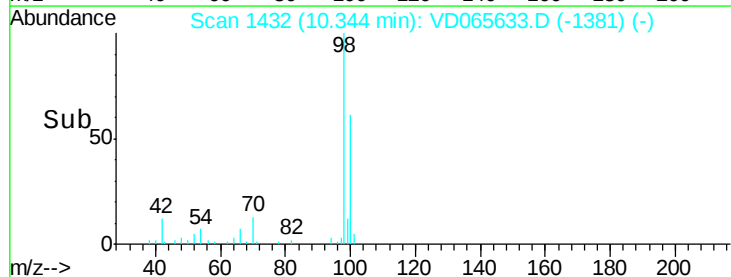
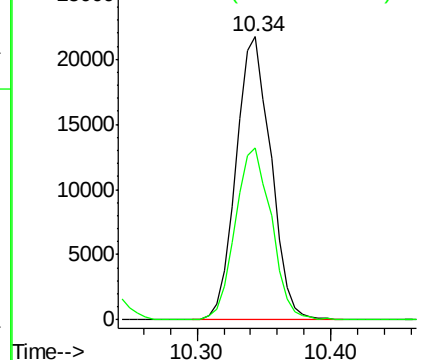
Tgt Ion	98	Resp	39490
Ion	Ratio	Lower	Upper
98	100		
100	62.8	52.4	78.6

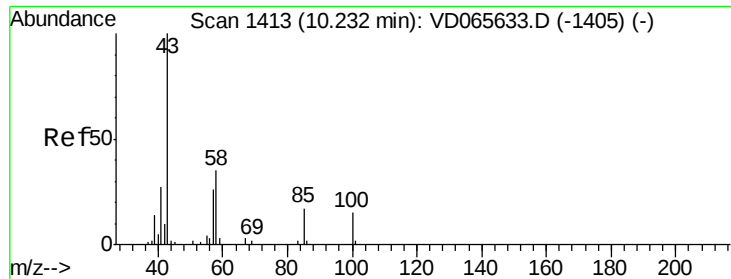


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 18.402 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 24671

Ion Ratio Lower Upper

43 100

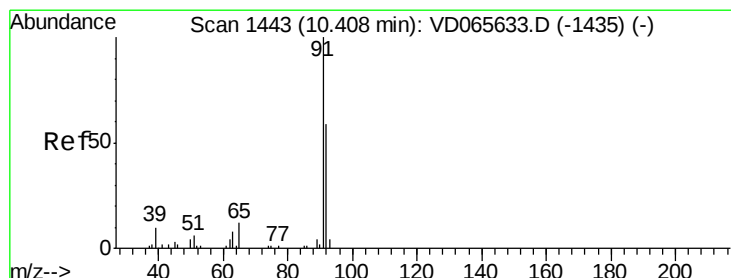
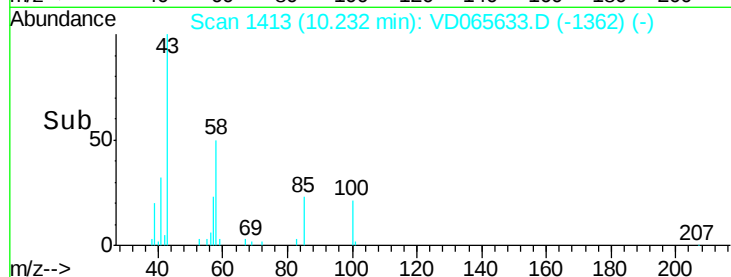
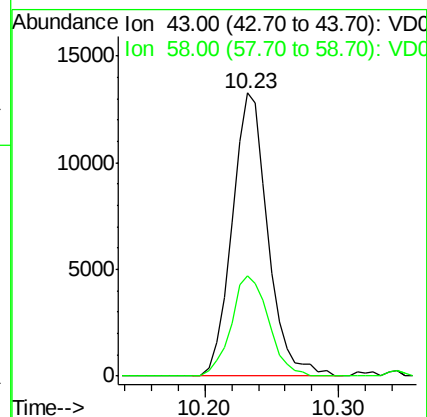
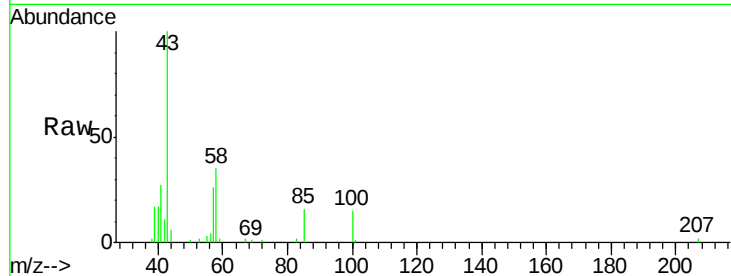
58 36.9 31.1 46.7

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#52

Toluene

Concen: 4.126 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065633.D

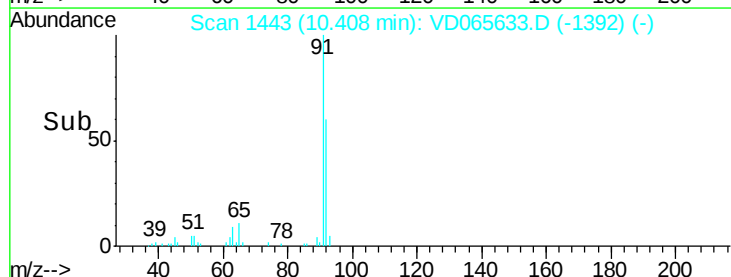
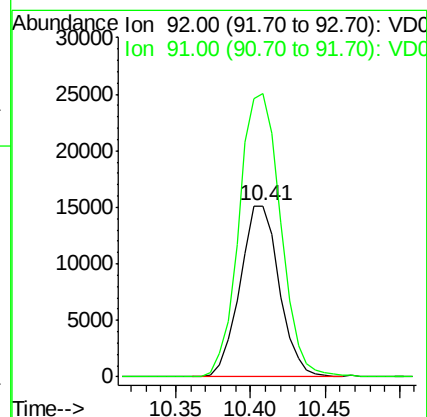
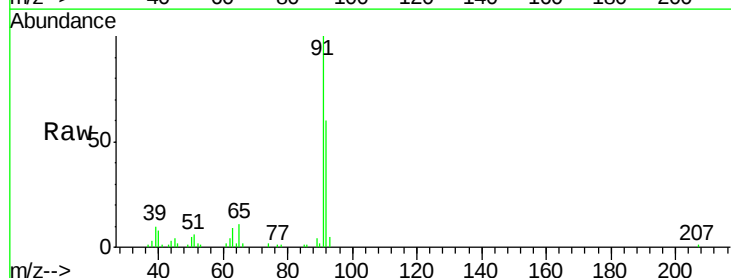
Acq: 15 Apr 2020 13:29

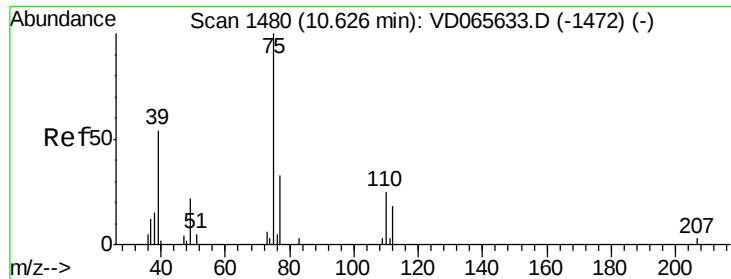
Tgt Ion: 92 Resp: 27576

Ion Ratio Lower Upper

92 100

91 175.3 136.6 205.0





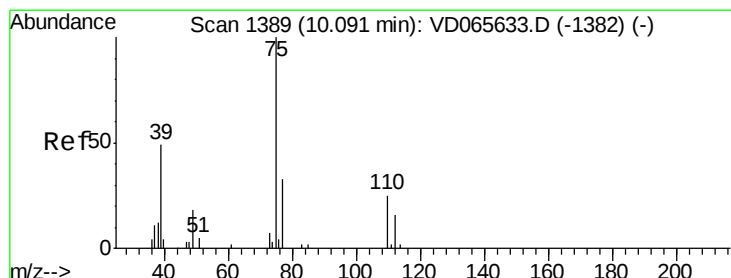
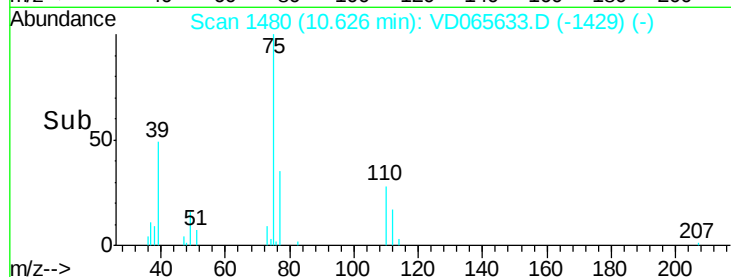
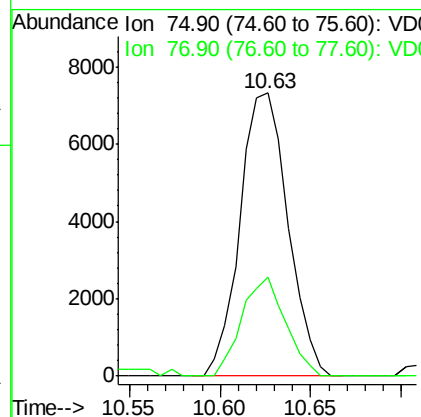
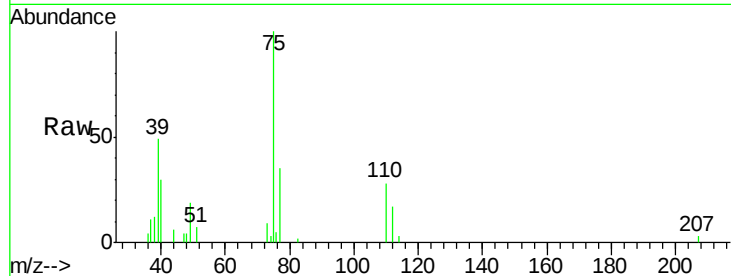
#53
 t-1,3-Dichloropropene
 Concen: 4.101 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 13464
 Ion Ratio Lower Upper
 75 100
 77 35.2 24.8 37.2

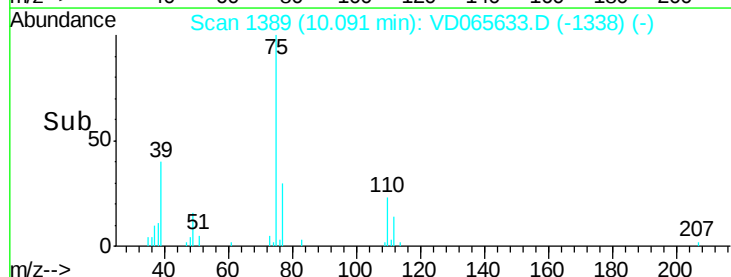
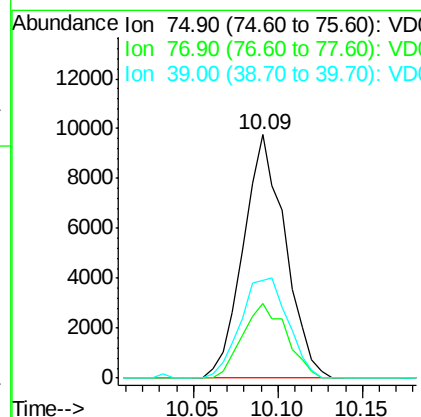
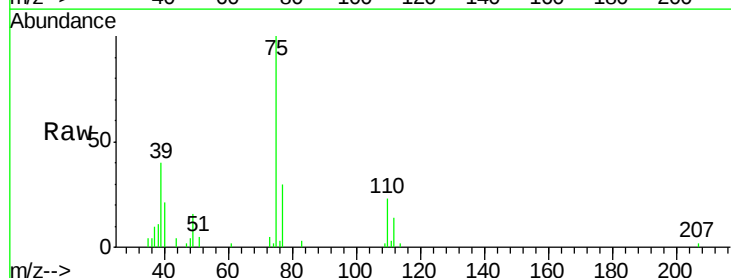
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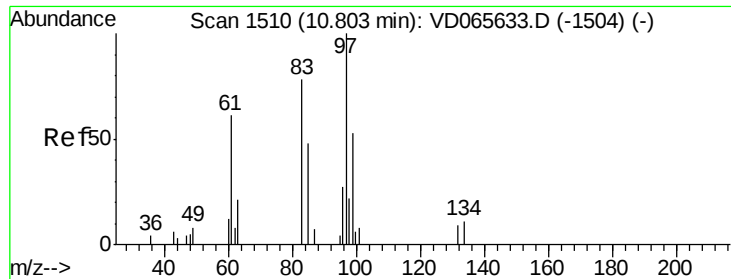
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#54
 cis-1,3-Dichloropropene
 Concen: 4.219 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion: 75 Resp: 16844
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.2 37.8
 39 40.2 38.7 58.1





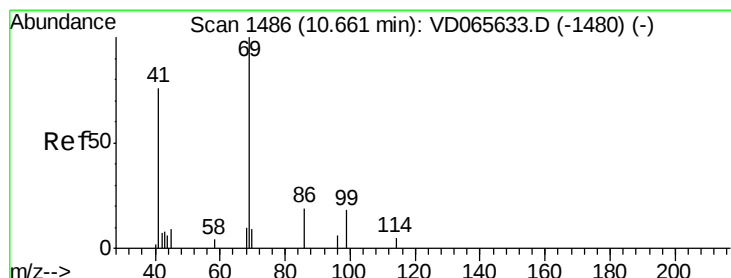
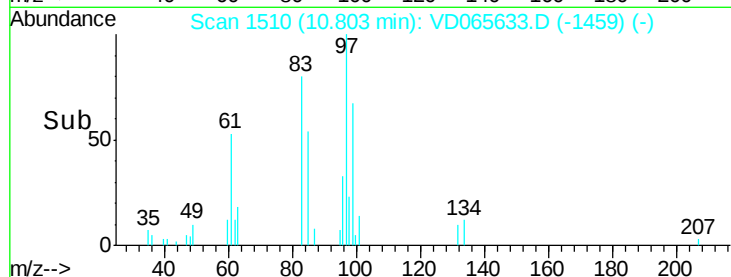
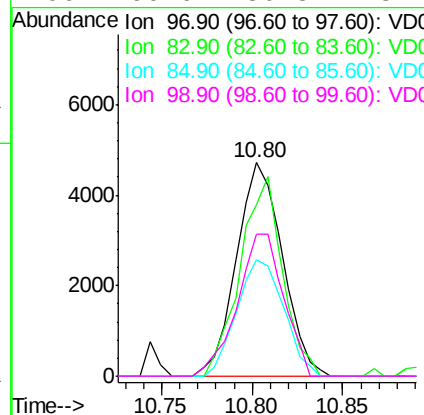
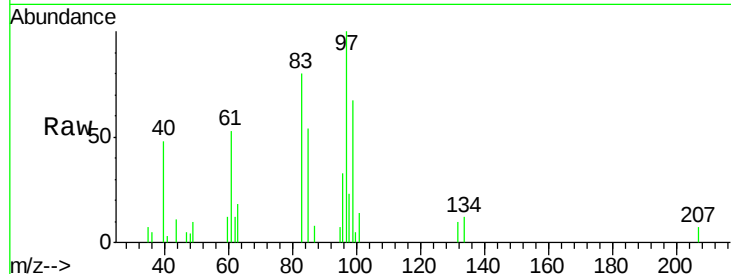
#55
 1,1,2-Trichloroethane
 Concen: 4.202 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	8323
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.4	101.0
85	54.3	43.4	65.0
99	66.6	50.5	75.7

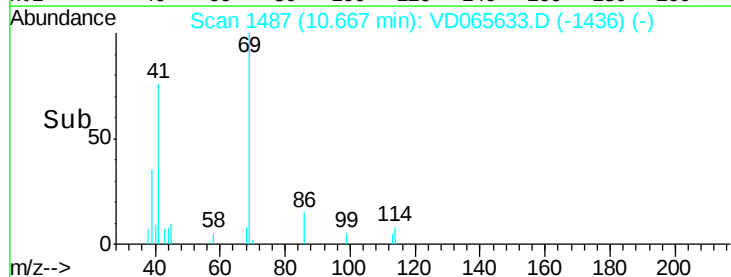
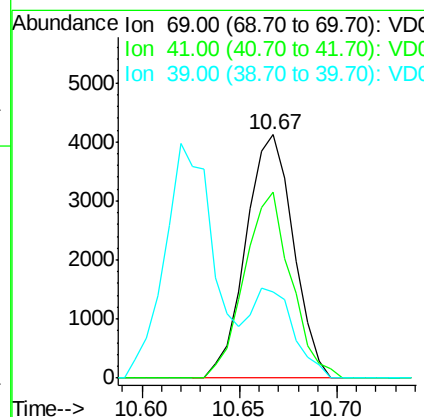
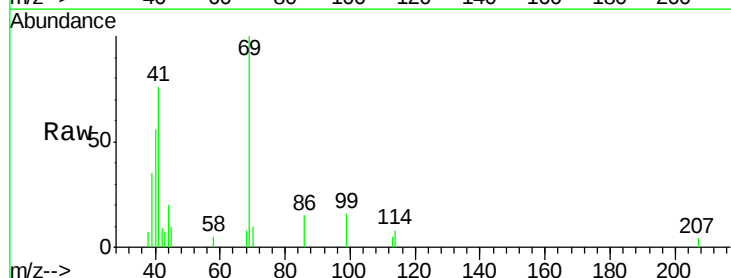
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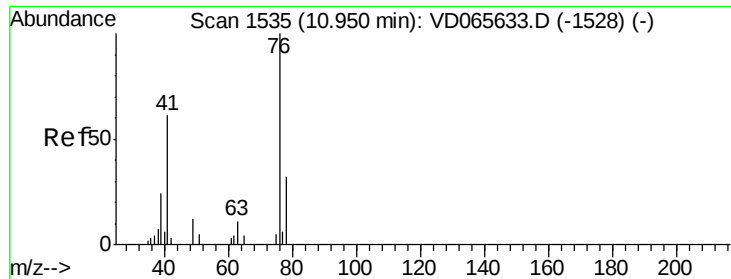
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#56
 Ethyl methacrylate
 Concen: 3.467 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion:	69	Resp:	6955
Ion	Ratio	Lower	Upper
69	100		
41	74.9	56.2	84.4
39	33.5	26.6	39.8





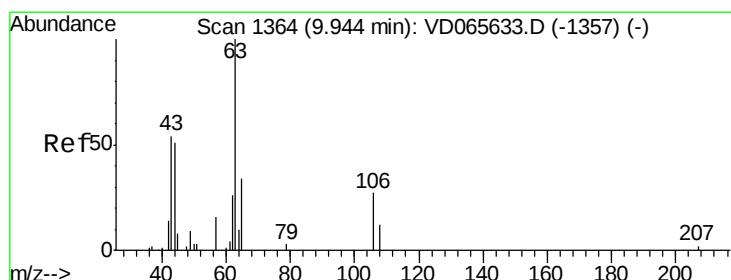
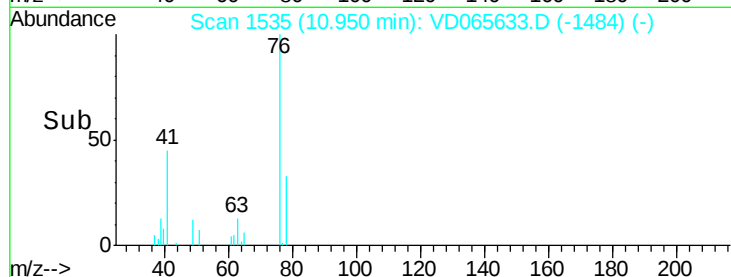
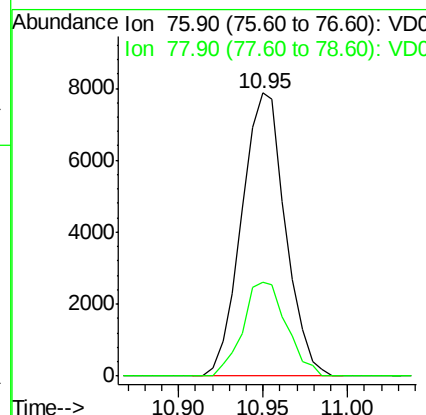
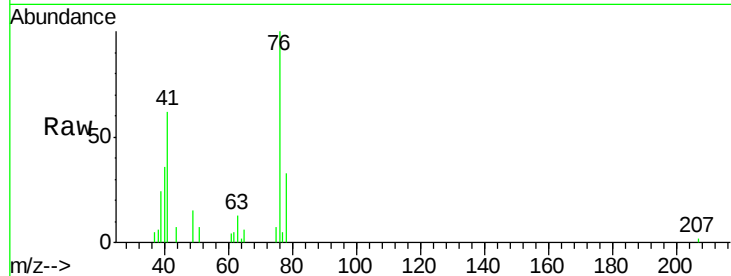
#57
 1,3-Dichloropropane
 Concen: 4.308 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 14132
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1

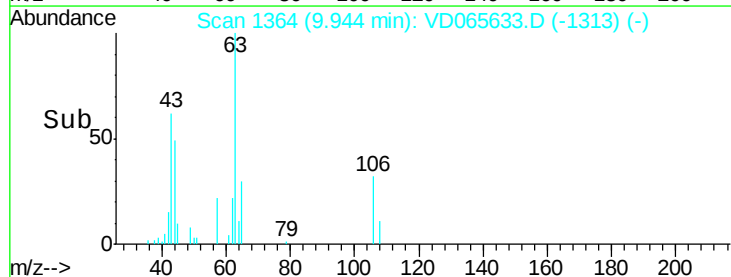
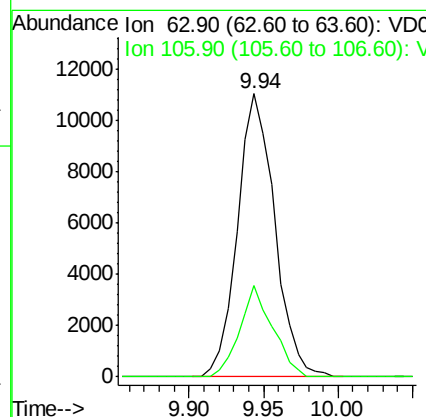
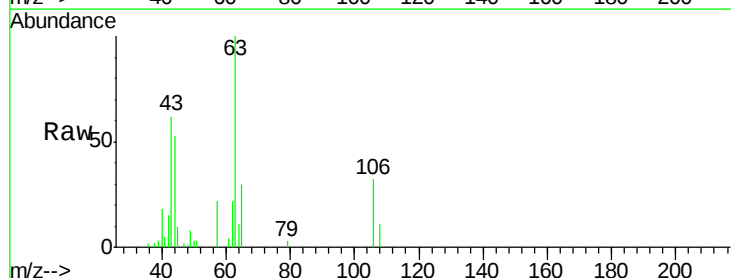
Manual Integrations
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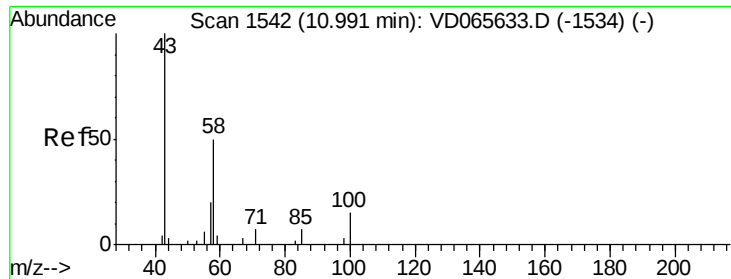
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 18.344 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion: 63 Resp: 19157
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.8 35.6





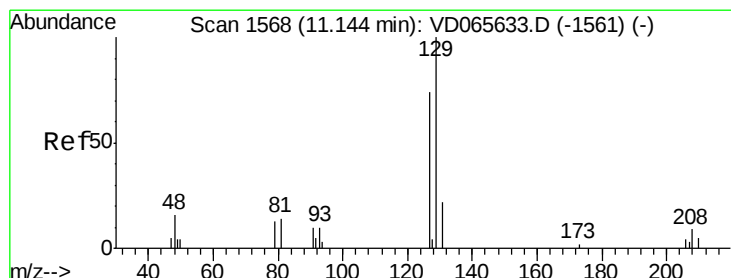
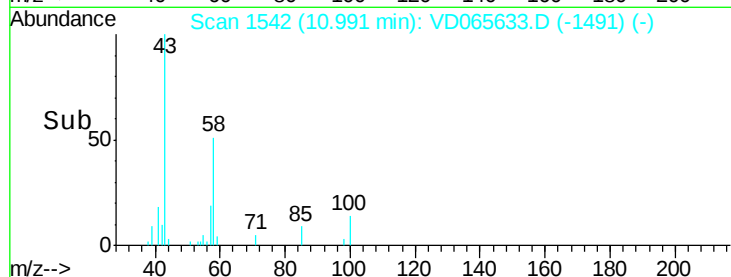
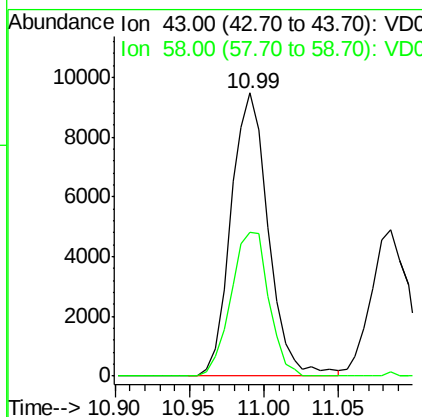
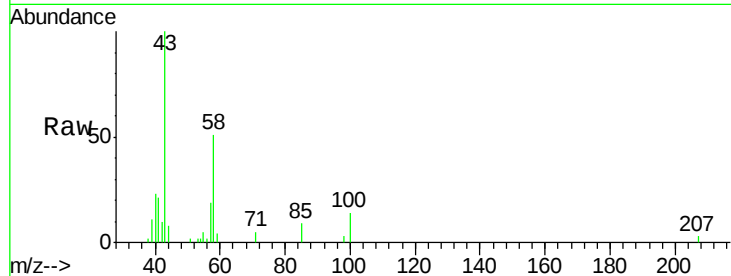
#59
2-Hexanone
Concen: 18.492 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 16552
Ion Ratio Lower Upper
43 100
58 51.4 26.5 79.4

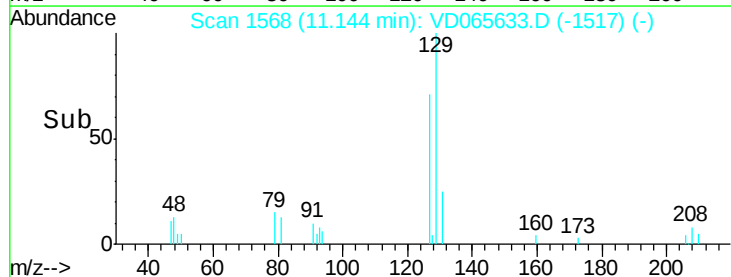
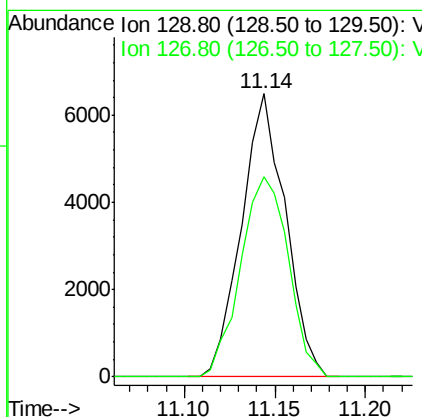
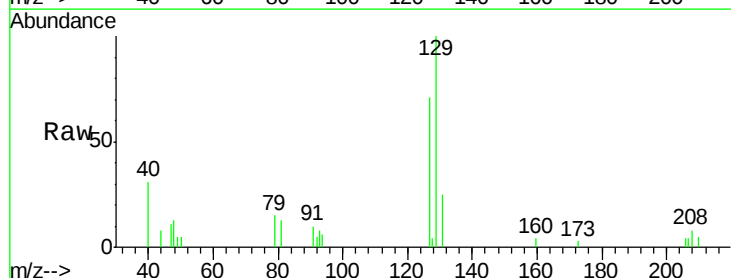
Manual Integrations
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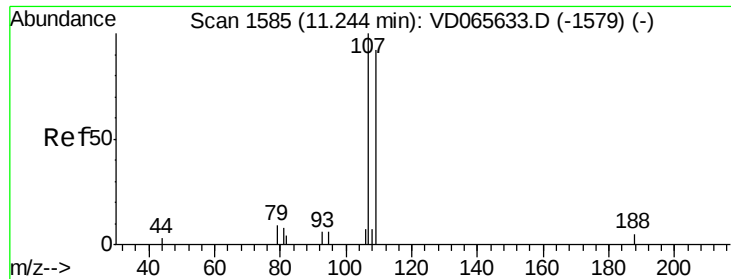
MMDadoda
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#60
Dibromochloromethane
Concen: 4.178 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion: 129 Resp: 10925
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 4.174 ug/l

RT: 11.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 7863

Ion Ratio Lower Upper

107 100

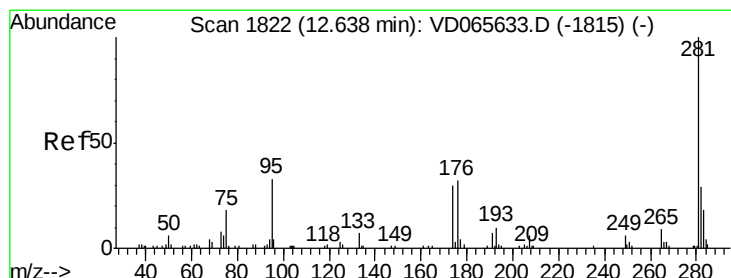
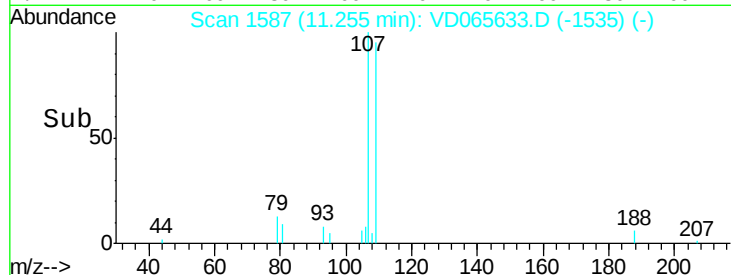
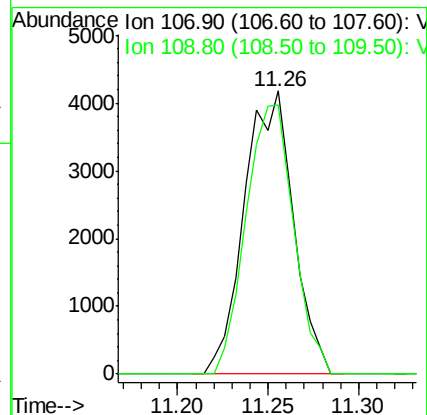
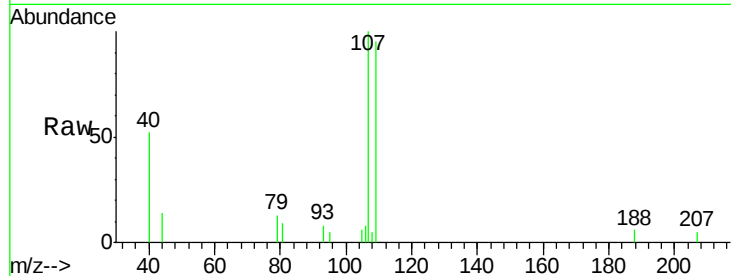
109 92.2 74.6 112.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 4.458 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

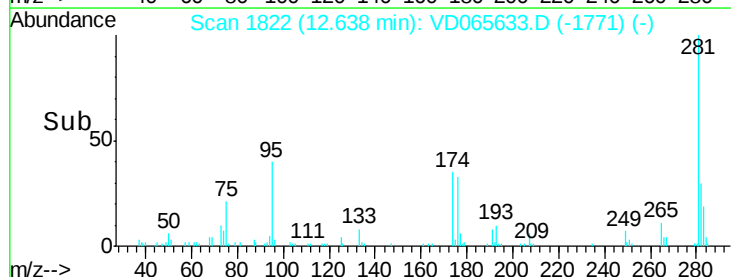
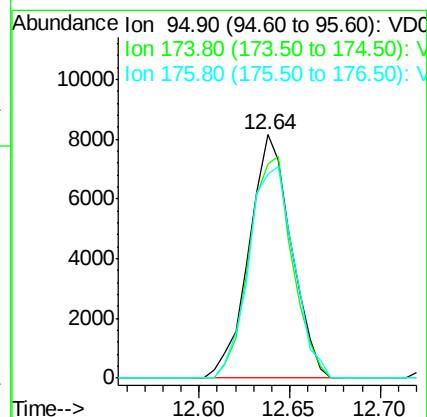
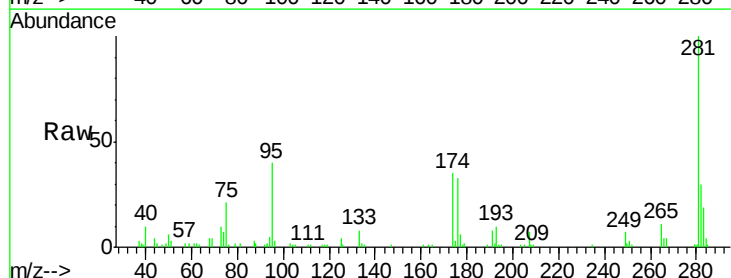
Tgt Ion: 95 Resp: 13198

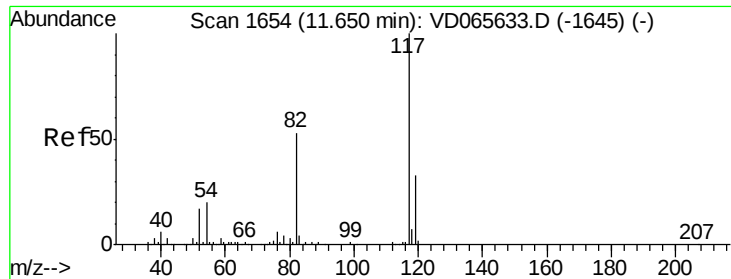
Ion Ratio Lower Upper

95 100

174 92.4 0.0 183.8

176 92.6 0.0 181.4





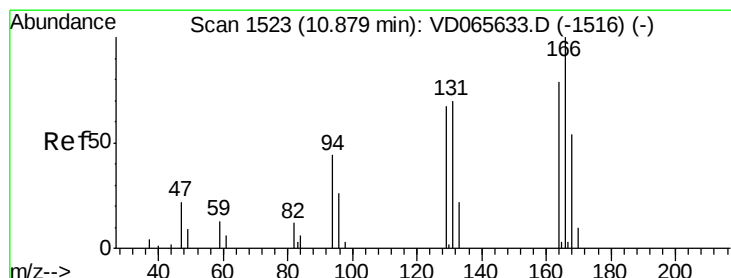
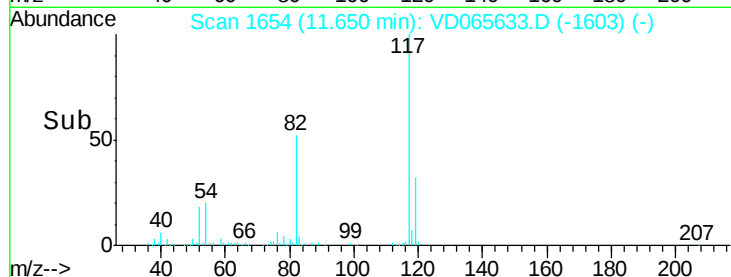
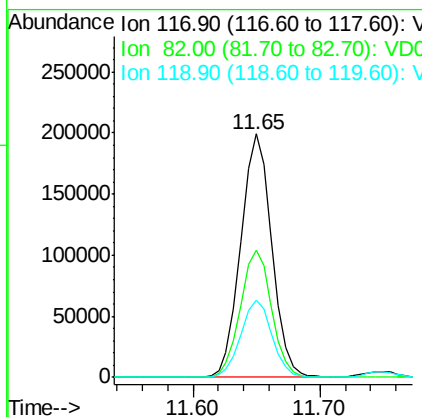
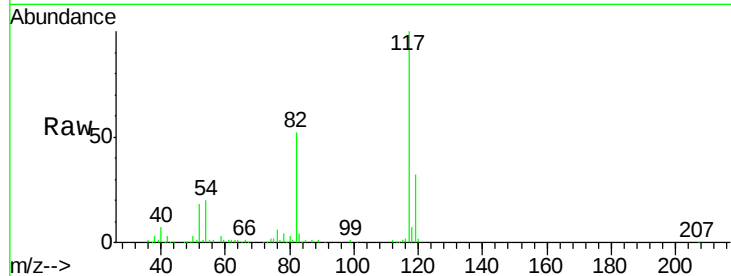
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	339114		
82	52.3		43.2	64.8
119	31.8		26.2	39.4

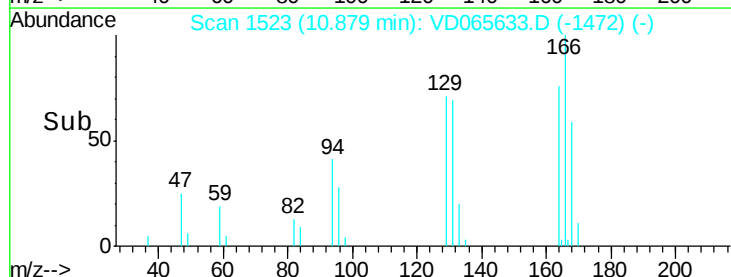
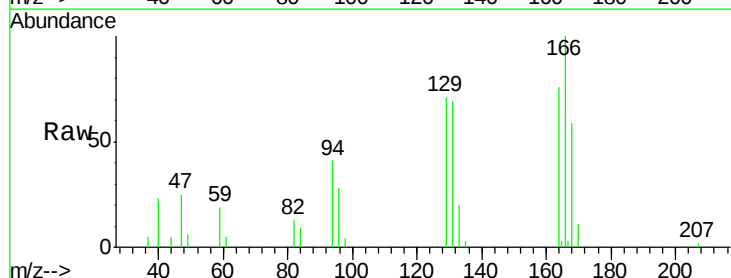
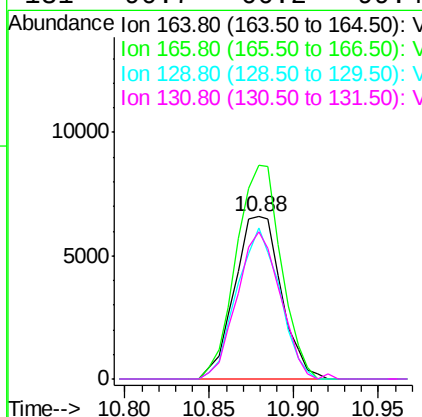
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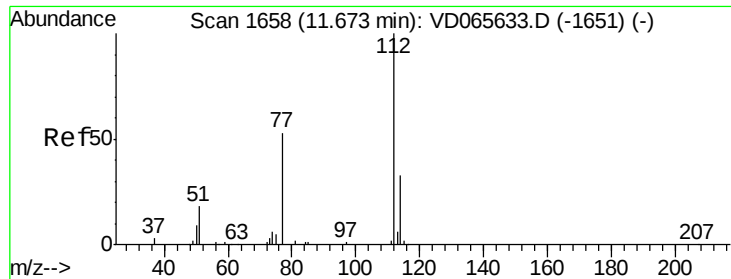
MMDadoda
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#64
Tetrachloroethene
Concen: 4.817 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	12692		
166	131.6		102.3	153.5
129	93.0		71.7	107.5
131	90.7		66.2	99.4





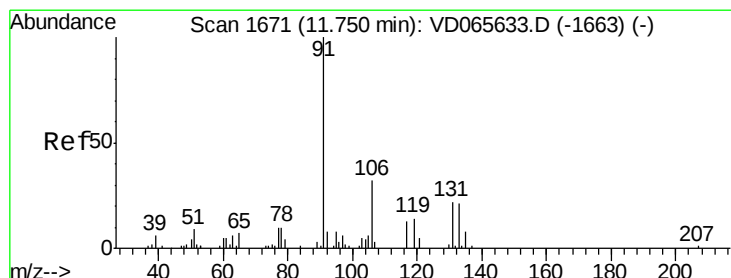
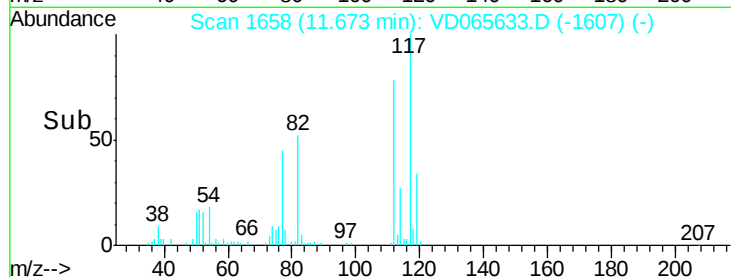
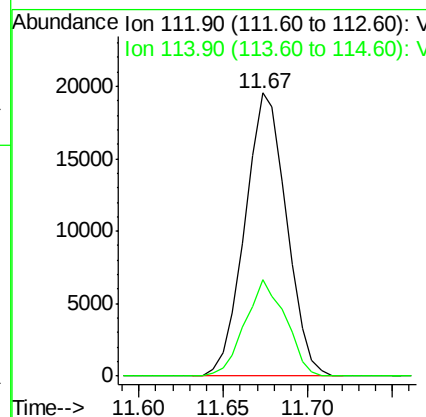
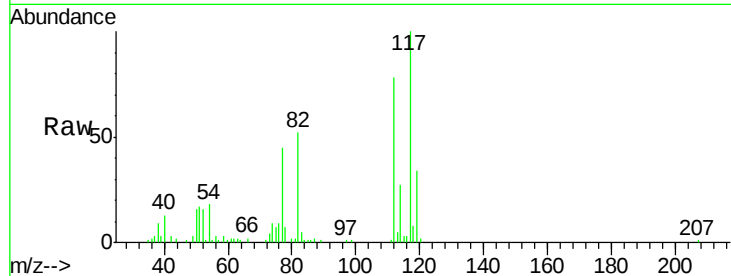
#65
Chlorobenzene
Concen: 4.657 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 33508
Ion Ratio Lower Upper
112 100
114 34.1 25.3 37.9

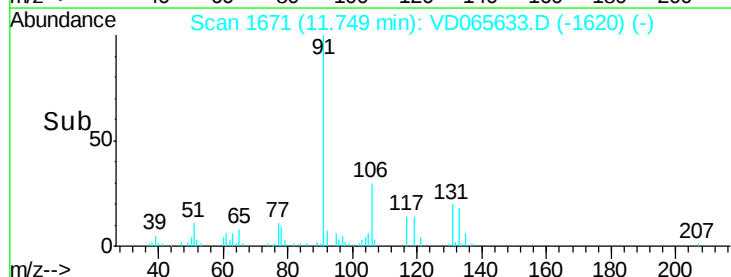
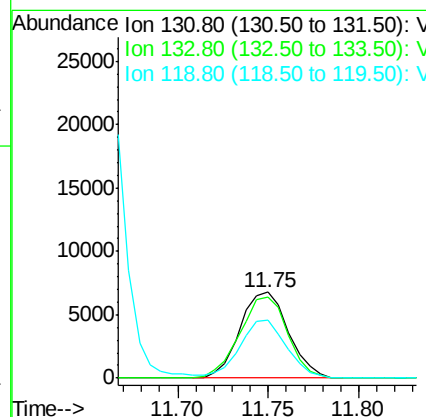
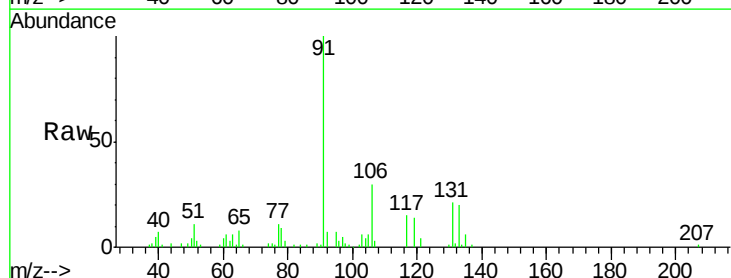
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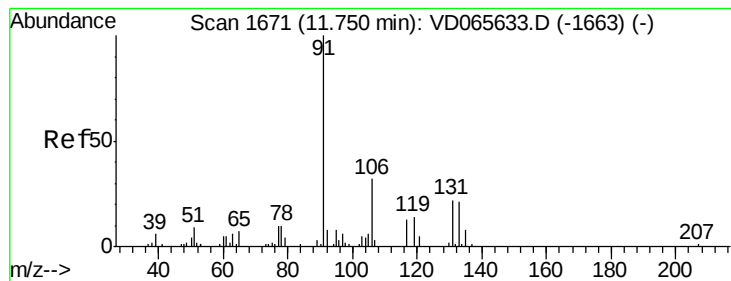
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.601 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion:131 Resp: 12599
Ion Ratio Lower Upper
131 100
133 93.2 47.7 143.1
119 65.1 32.6 97.7





#67

Ethyl Benzene

Concen: 4.503 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 53383

Ion Ratio Lower Upper

91 100

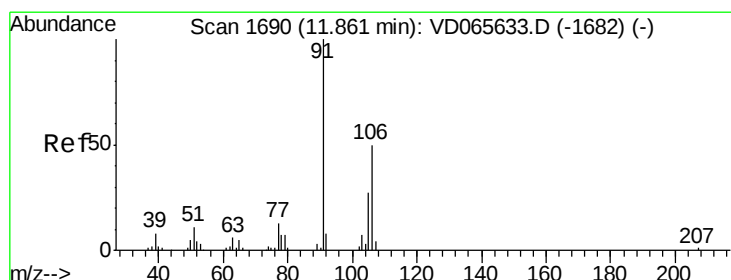
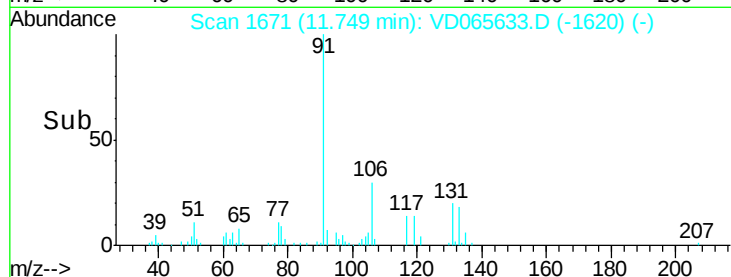
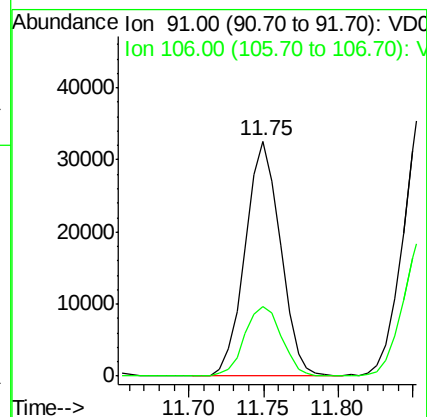
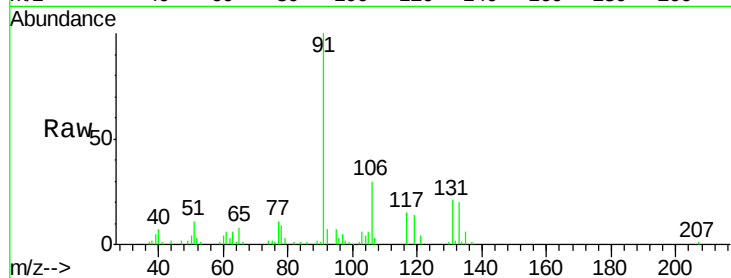
106 29.6 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 8.469 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065633.D

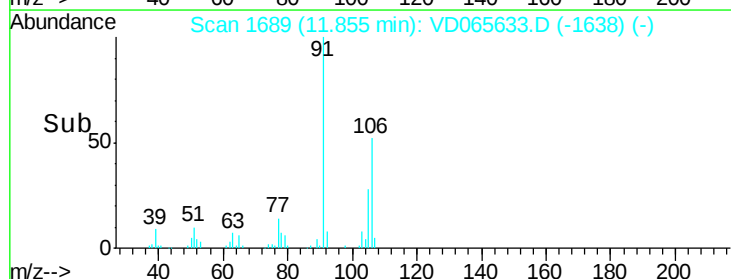
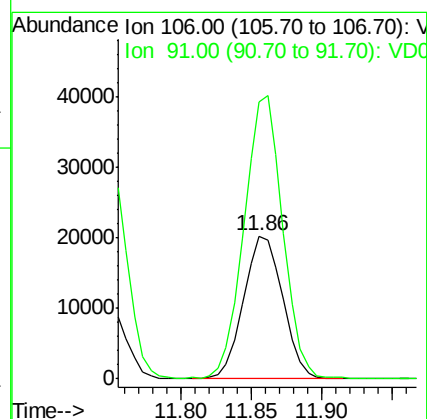
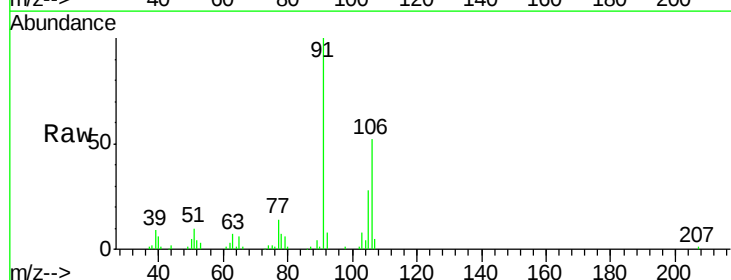
Acq: 15 Apr 2020 13:29

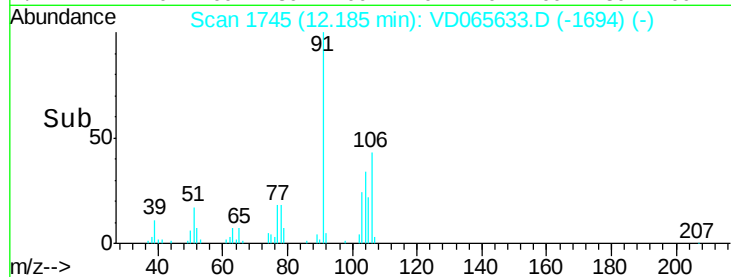
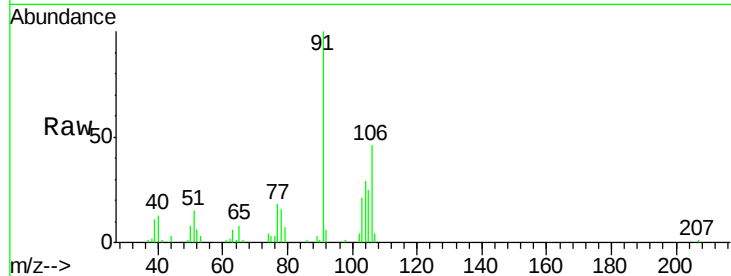
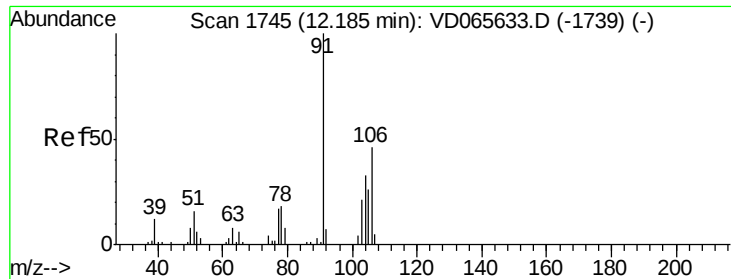
Tgt Ion: 106 Resp: 39471

Ion Ratio Lower Upper

106 100

91 194.9 157.9 236.9





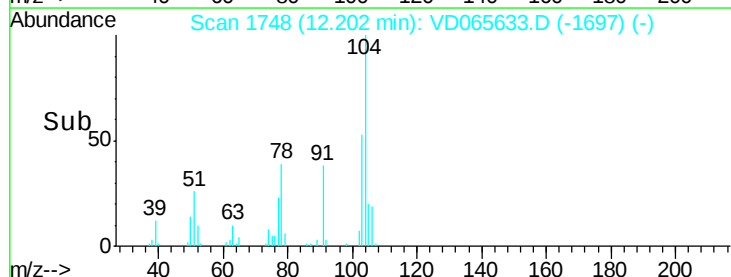
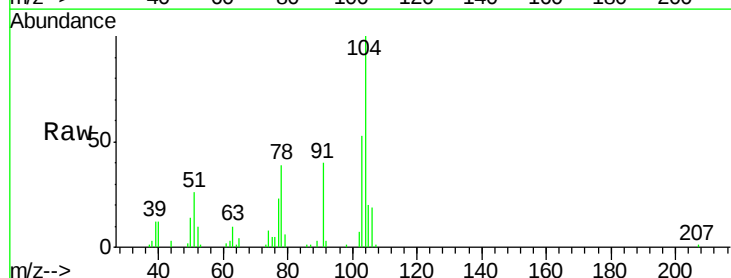
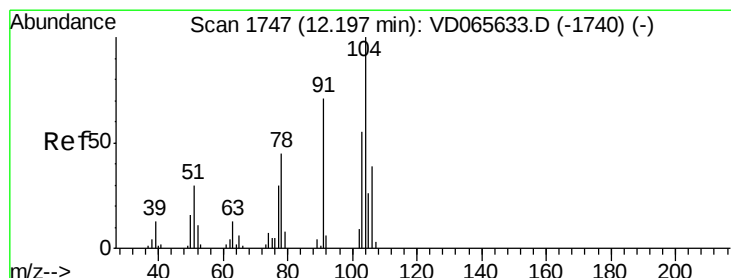
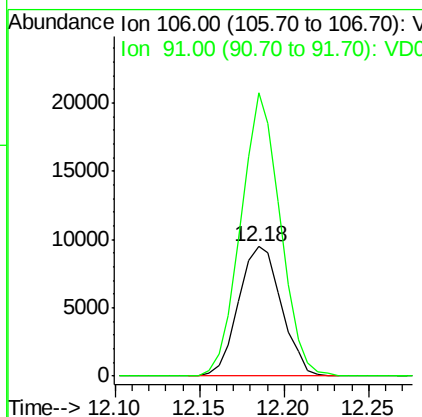
#69
o-Xylene
Concen: 4.163 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tot Ion:106 Resp: 16781
Ion Ratio Lower Upper
106 100
91 200.7 103.6 310.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

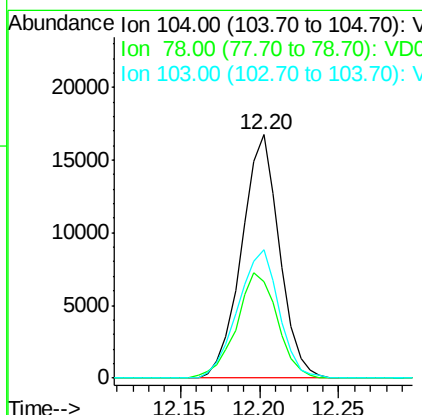
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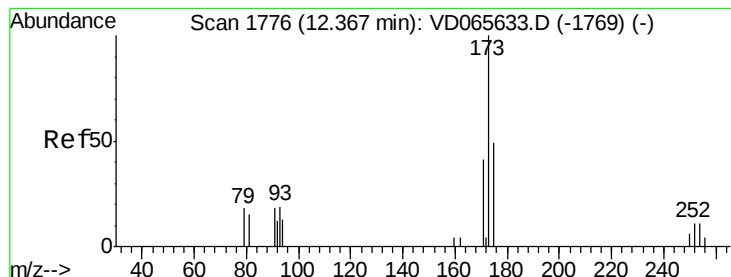
MMDadoda
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#70
Styrene
Concen: 3.883 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion:104 Resp: 27700
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 57.3 43.4 65.0





#71

Bromoform

Concen: 4.286 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

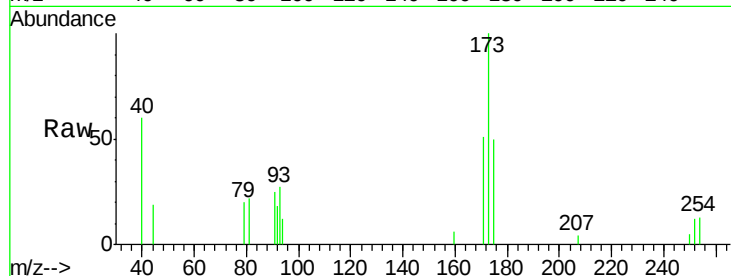
ClientSampleId :

VSTDIC005

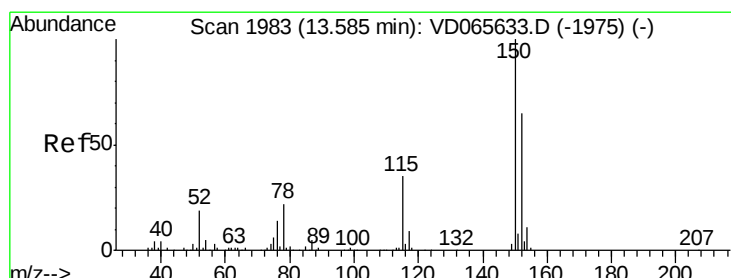
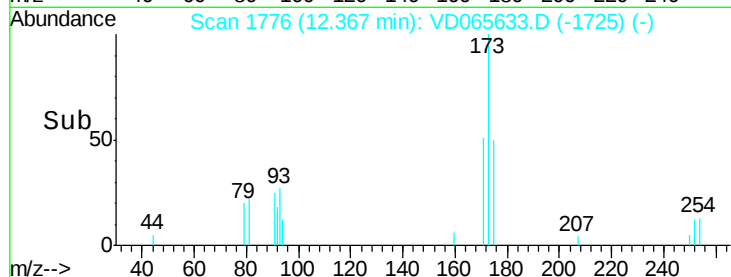
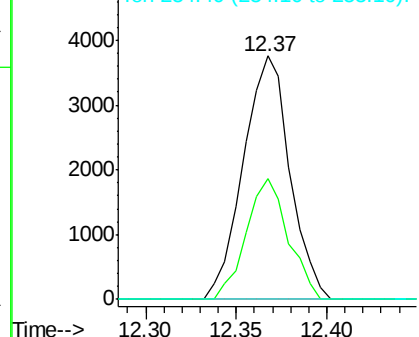
Tot Ion:	173	Resp:	6704
Ion	Ratio	Lower	Upper
173	100		
175	44.6	25.1	75.2
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

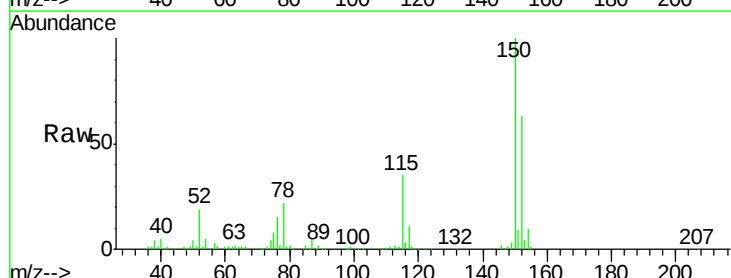
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

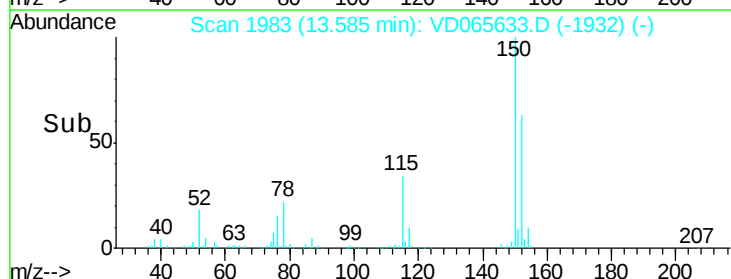
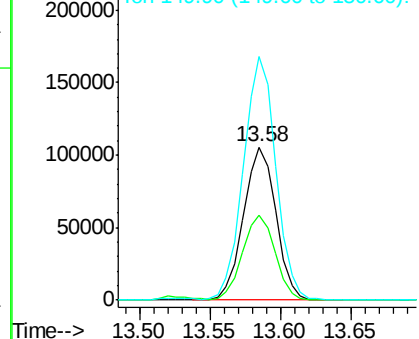
Lab File: VD065633.D

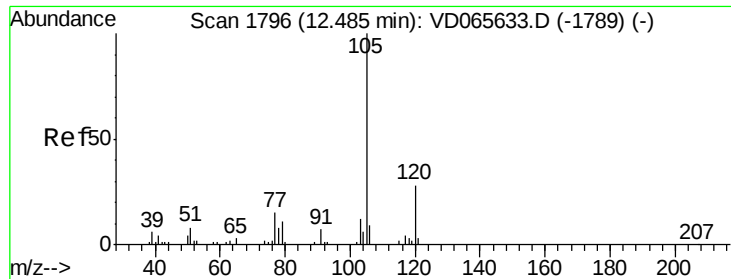
Acq: 15 Apr 2020 13:29

Tgt Ion:	152	Resp:	170147
Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.6	82.7
150	158.8	0.0	346.0



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





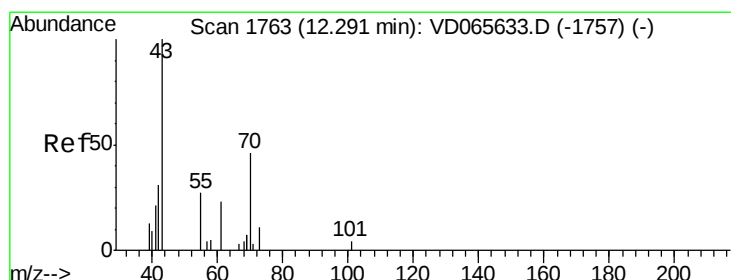
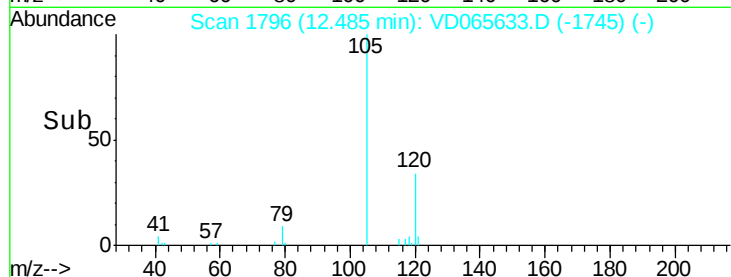
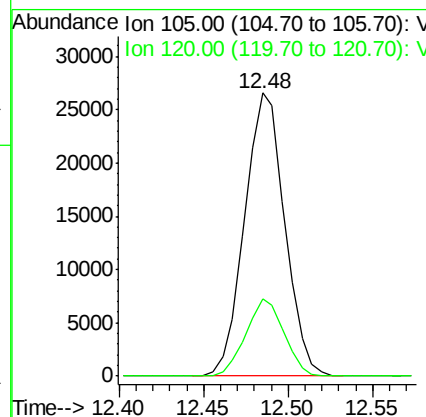
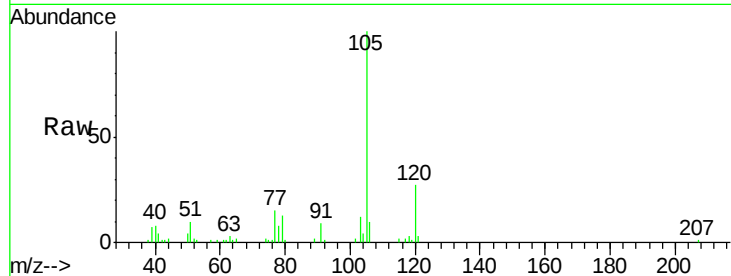
#73
Isopropylbenzene
Concen: 4.144 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:105 Resp: 43879
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

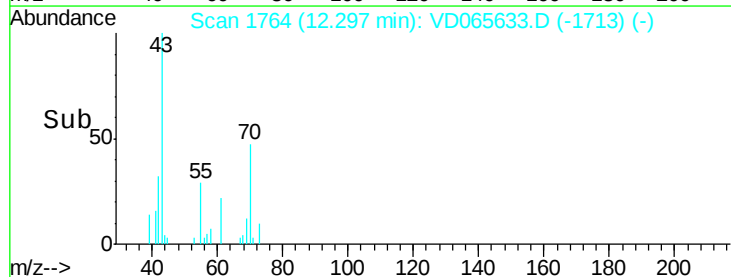
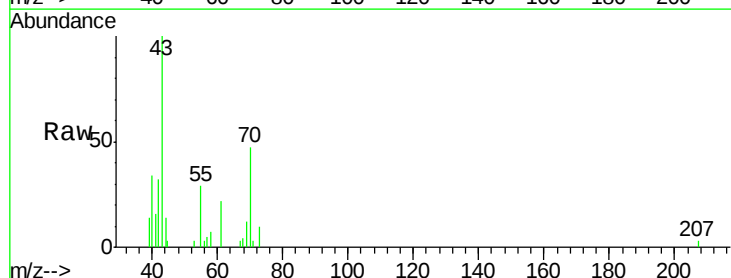
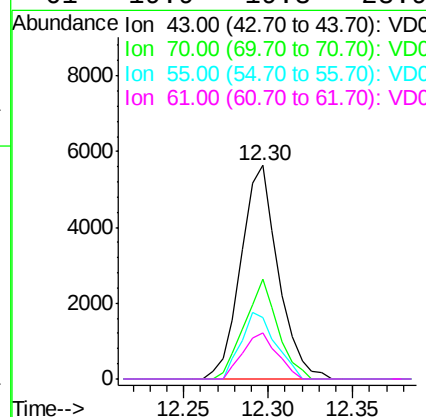
Manual Integrations
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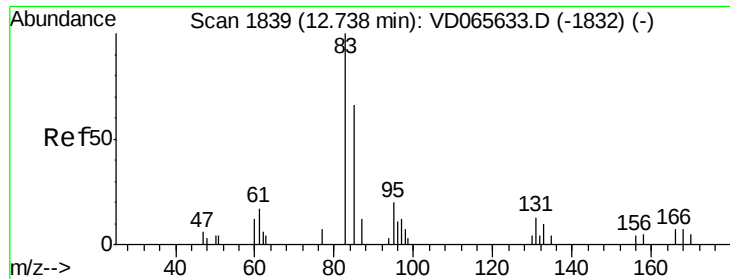
MMDadoda
4/29/2020 2:19:04 PM



#74
N-ethyl acetate
Concen: 3.992 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion: 43 Resp: 8671
Ion Ratio Lower Upper
43 100
70 41.7 35.4 53.0
55 29.0 22.2 33.2
61 19.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 4.634 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

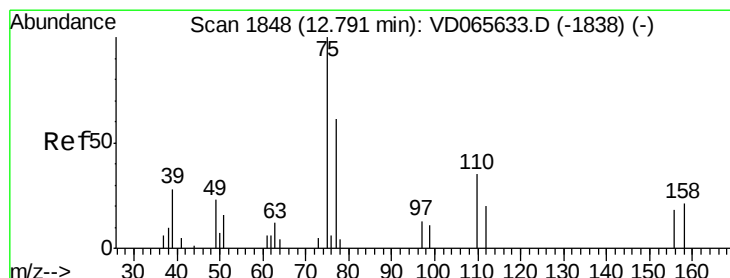
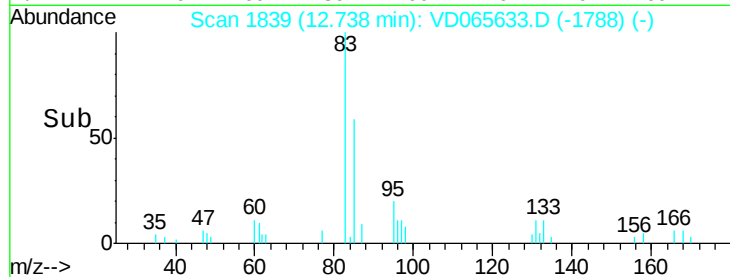
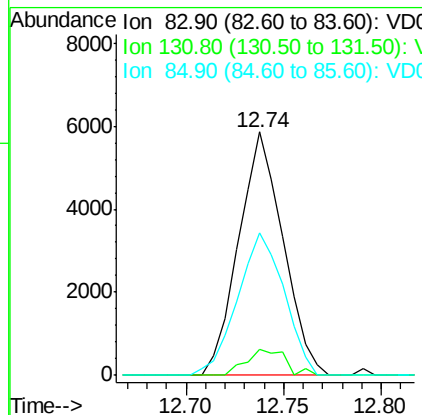
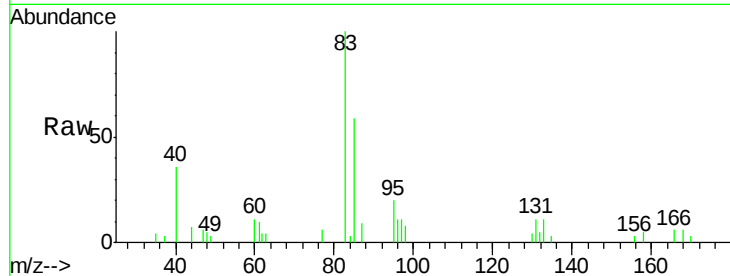
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	9235
Ion Ratio	Lower	Upper	
83	100		
131	9.4	5.7	17.0
85	61.3	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 4.171 ug/l m

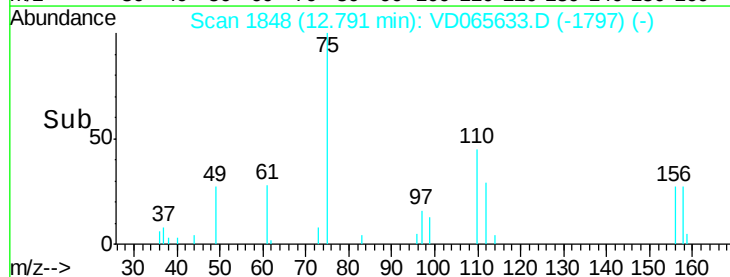
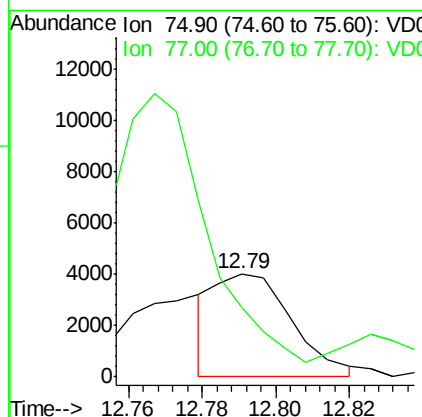
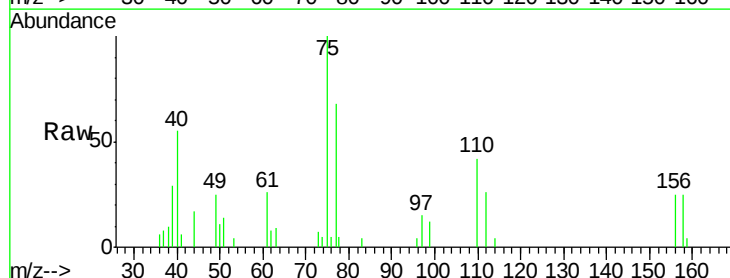
RT: 12.79 min Scan# 1848

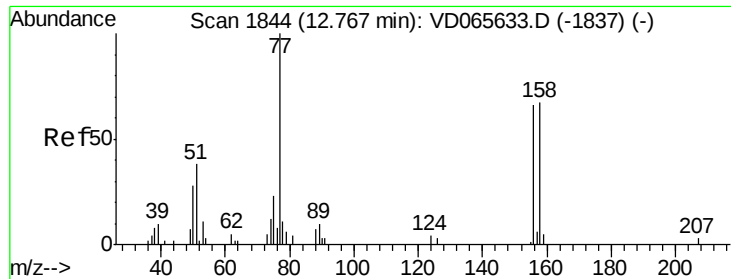
Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Tgt Ion:	75	Resp:	5841
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





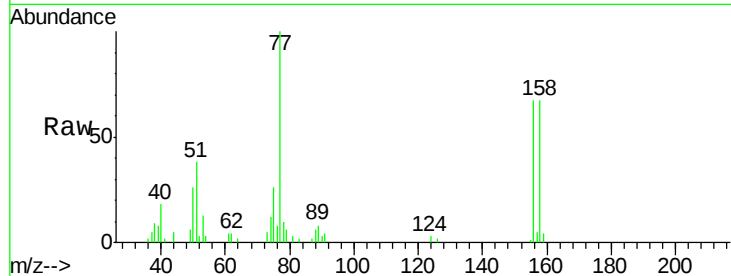
#77
Bromobenzene
Concen: 4.311 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

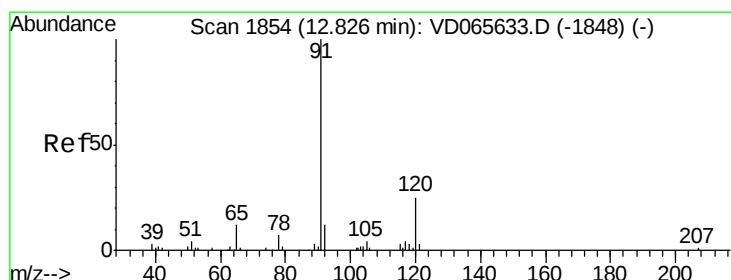
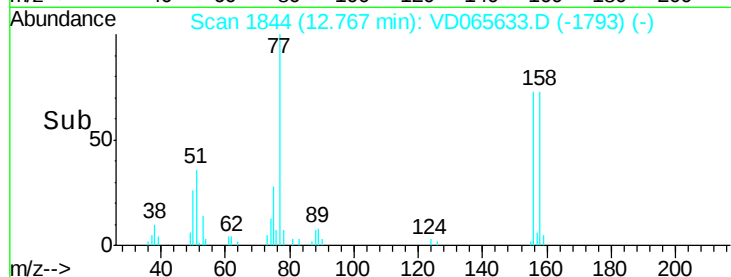
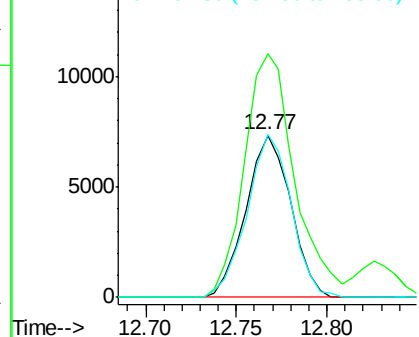
Tot Ion	Ratio	Lower	Upper
156	100		
77	168.8	84.7	254.1
158	99.0	48.5	145.5

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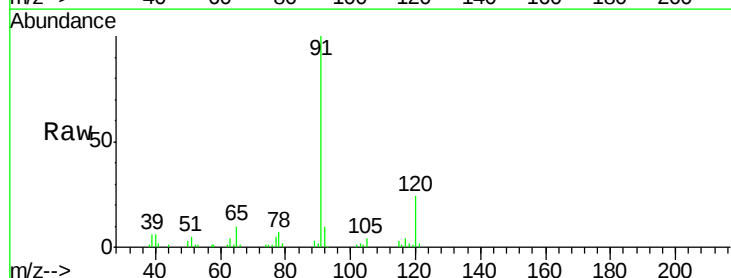


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

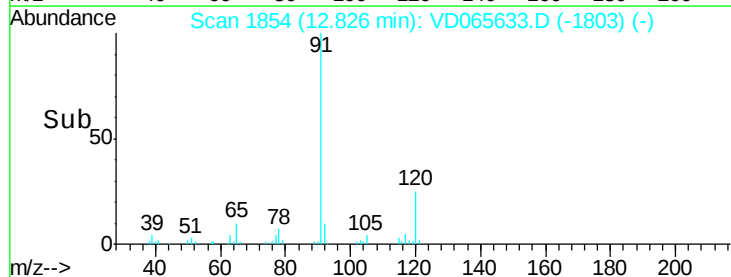
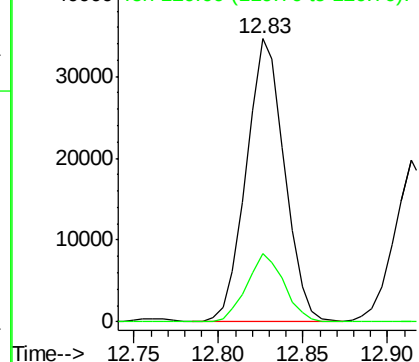


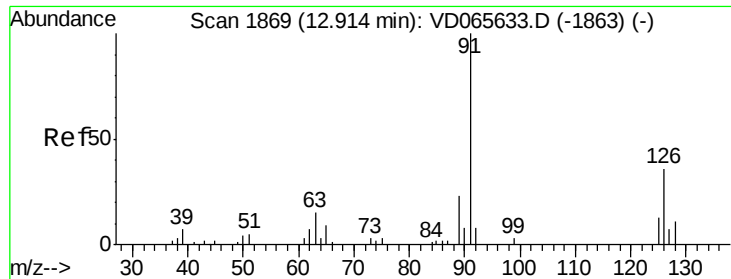
#78
n-propylbenzene
Concen: 4.258 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





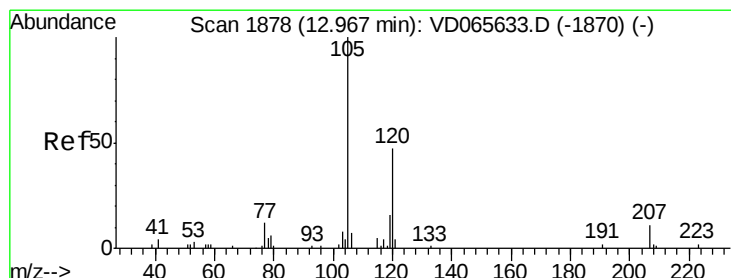
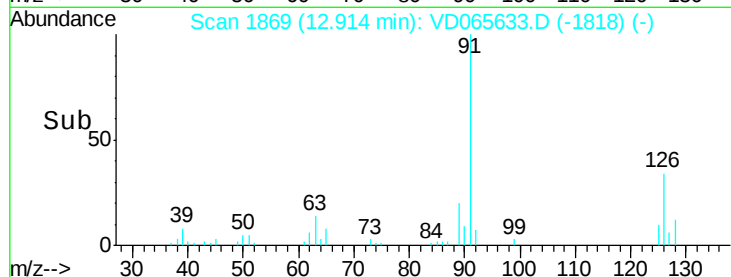
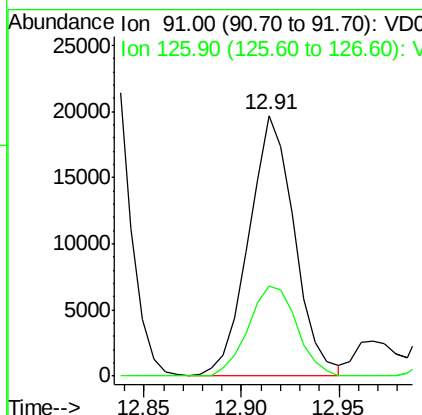
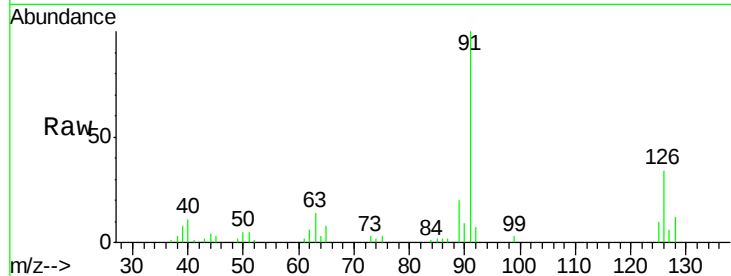
#79
 2-Chlorotoluene
 Concen: 4.359 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 32037
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.8 53.3

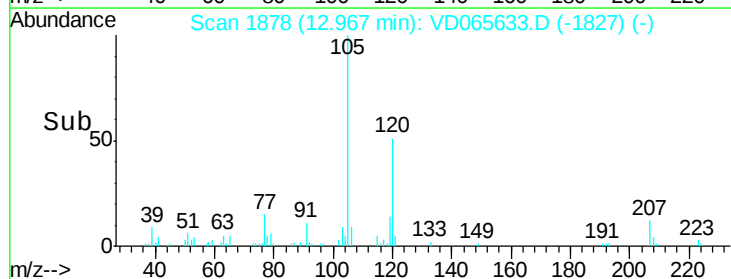
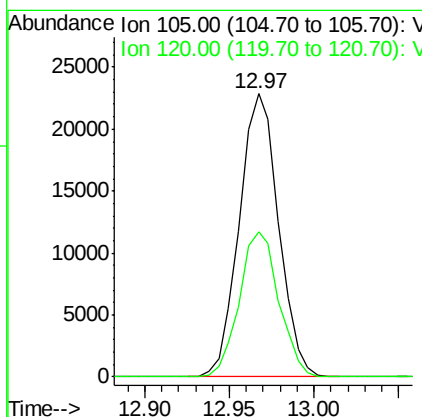
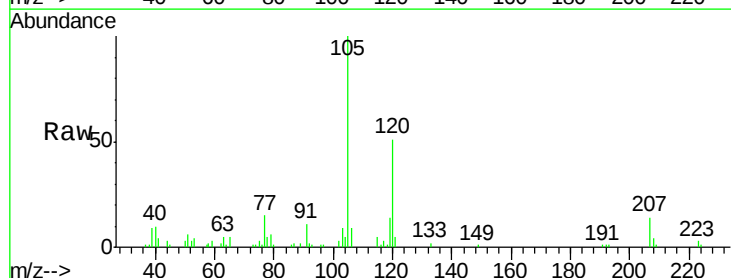
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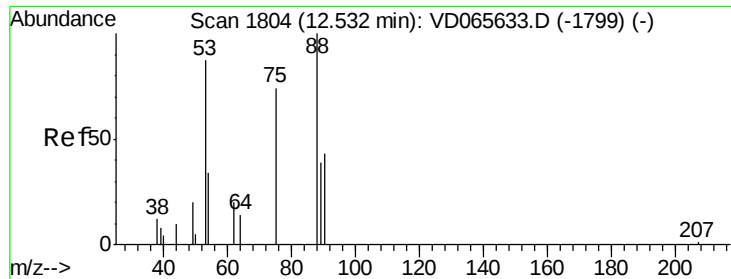
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#80
 1,3,5-Trimethylbenzene
 Concen: 4.126 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion: 105 Resp: 37024
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.2 75.6





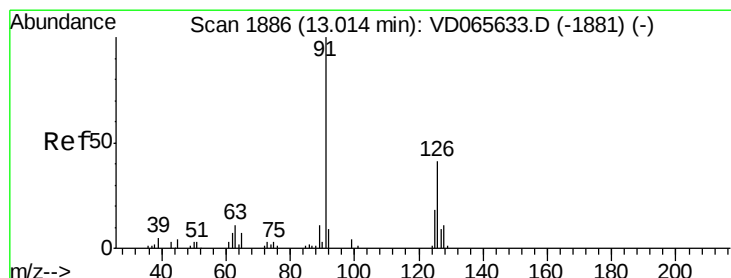
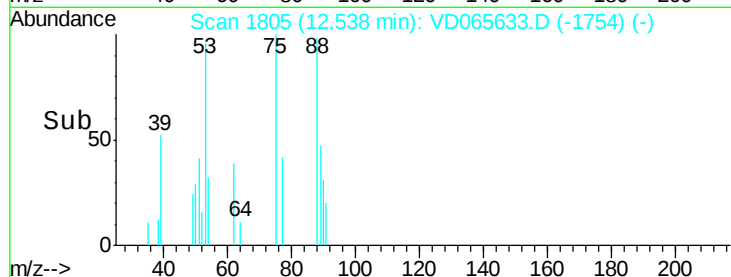
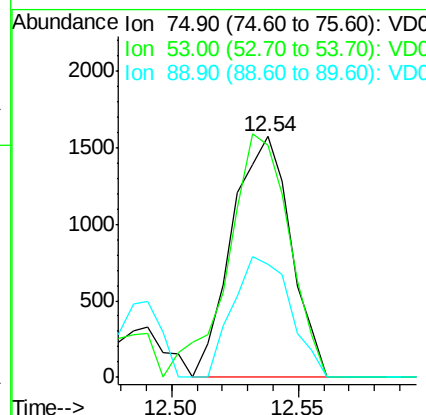
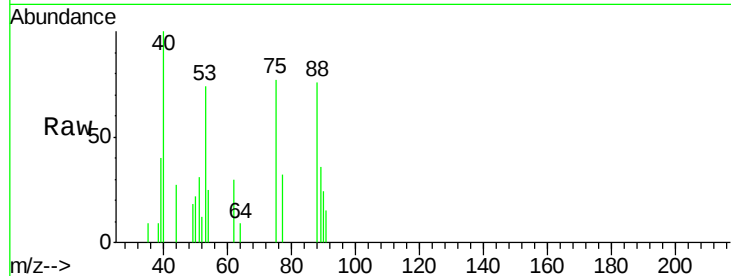
#81
trans-1,4-Dichloro-2-butene
Concen: 4.241 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	76.8	115.2
89	49.3	36.1	54.1

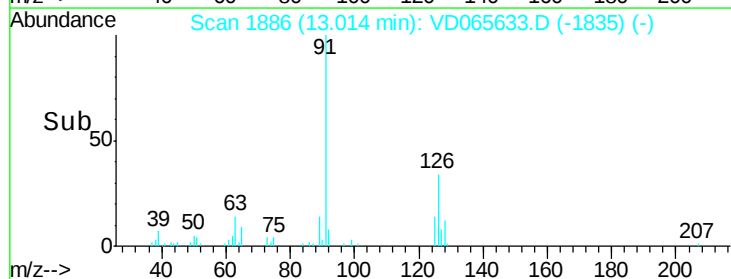
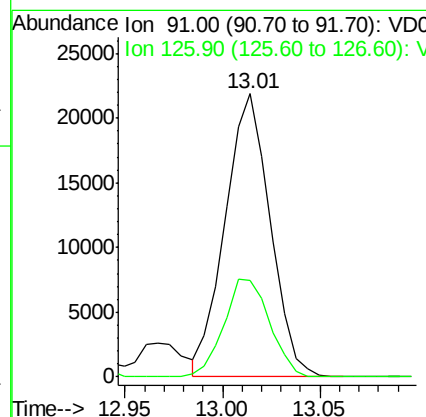
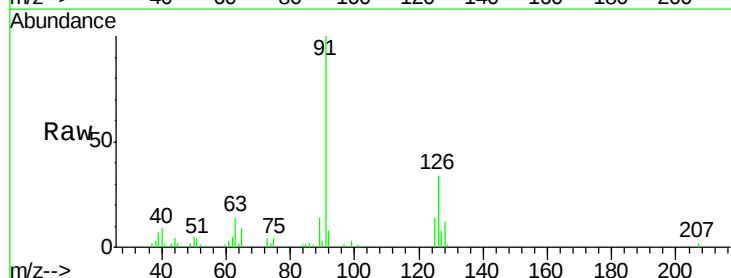
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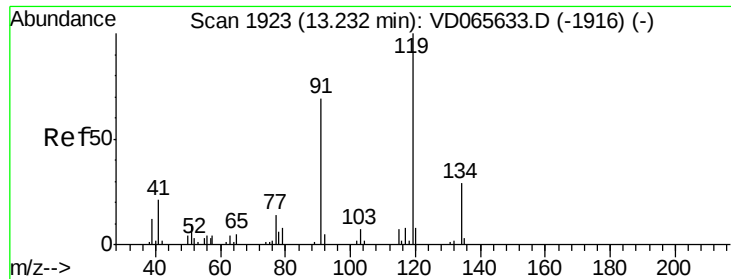
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#82
4-Chlorotoluene
Concen: 4.402 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.6





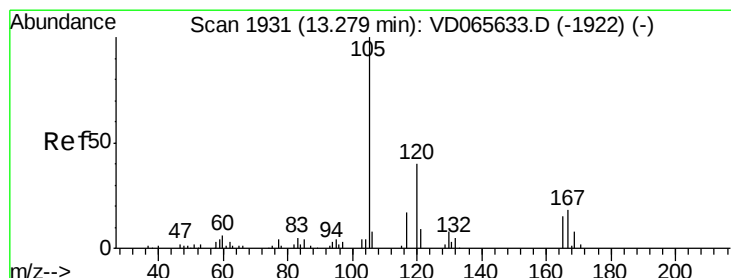
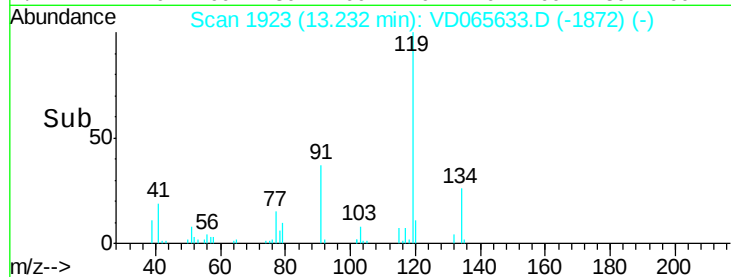
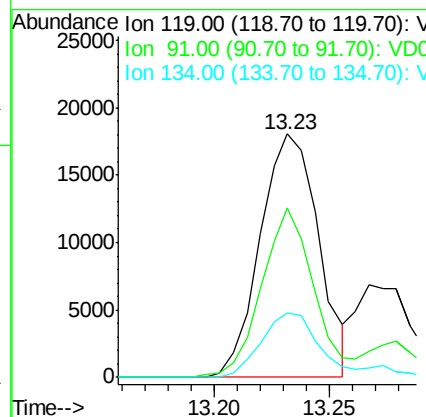
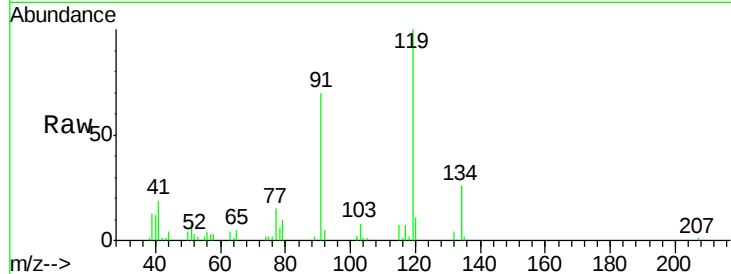
#83
tert-Butylbenzene
Concen: 4.281 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	31.7	95.1
134	25.5	14.0	41.9

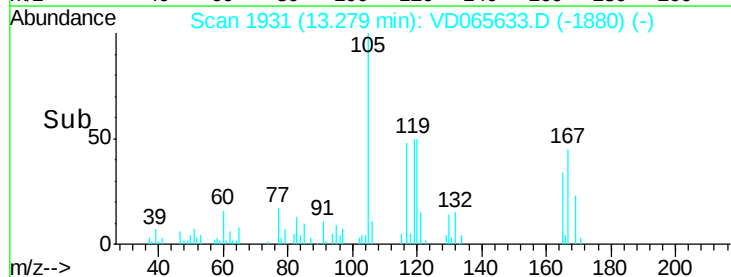
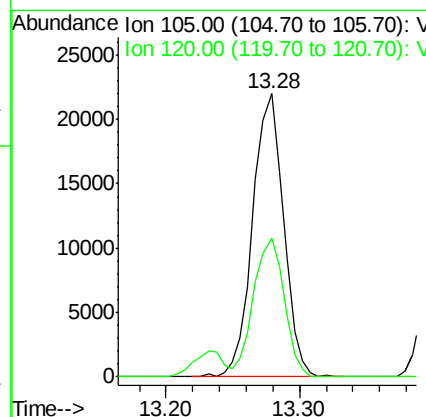
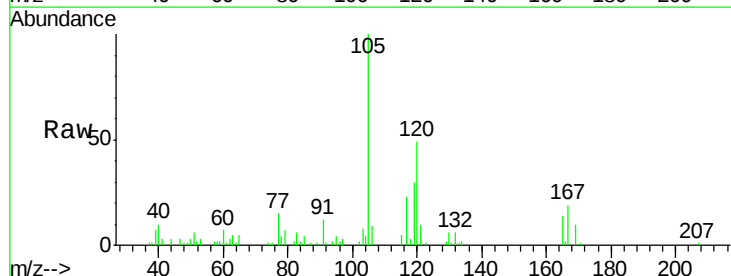
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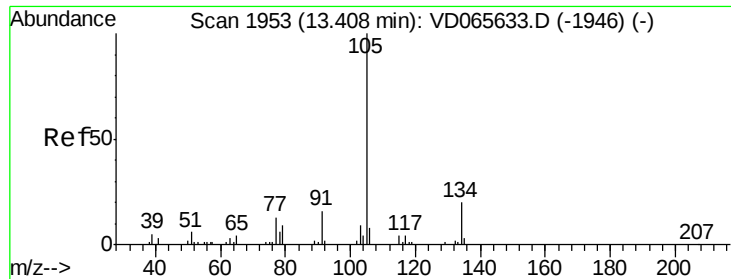
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#84
1,2,4-Trimethylbenzene
Concen: 3.946 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.5	70.6





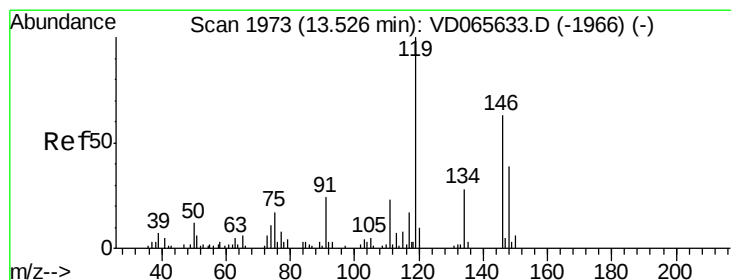
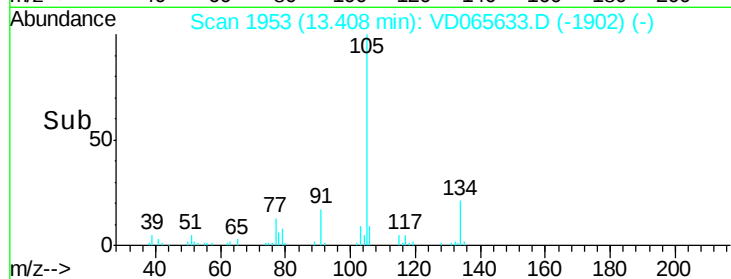
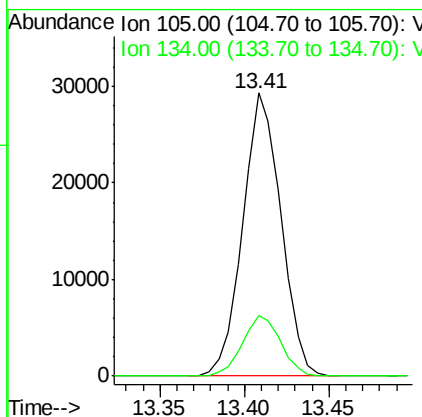
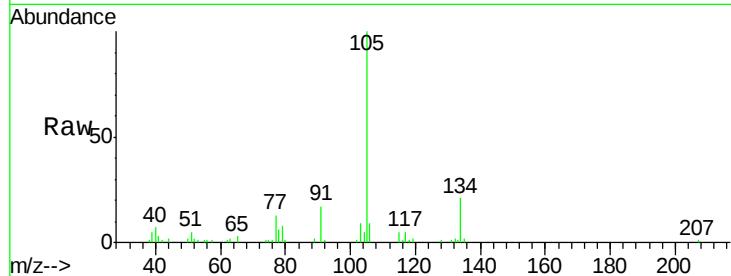
#85
 sec-Butylbenzene
 Concen: 4.315 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.4	31.4

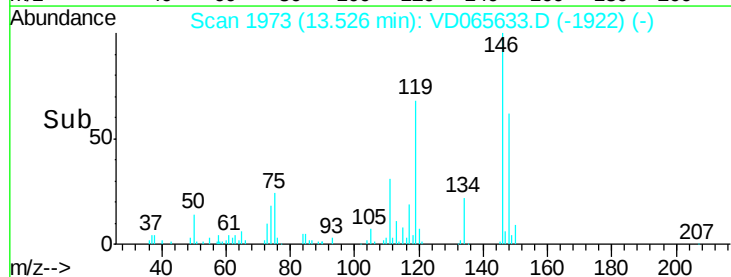
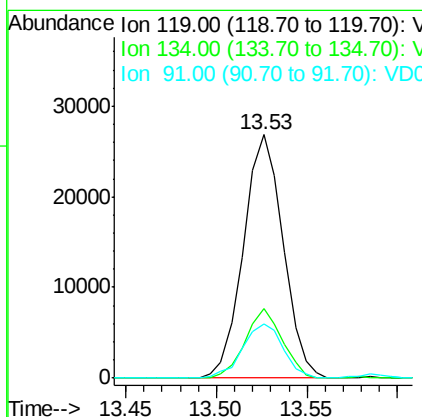
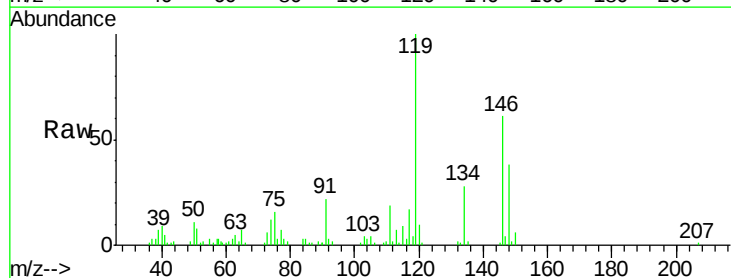
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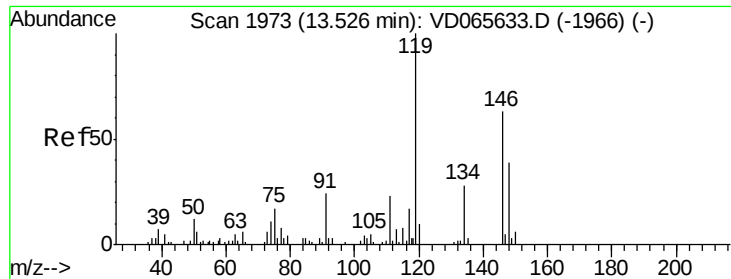
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#86
 p-Isopropyltoluene
 Concen: 4.152 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.1
91	22.8	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 4.756 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Instrument :

MSVOA_D

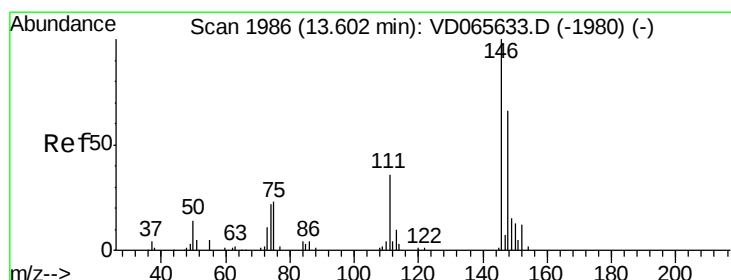
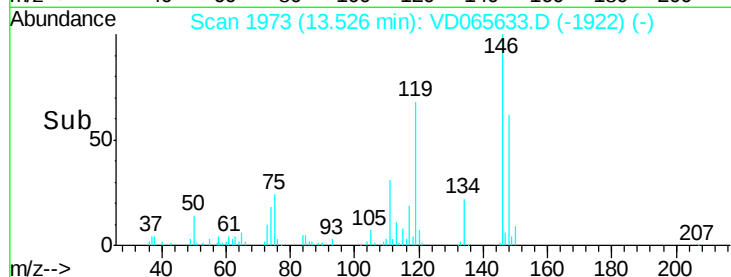
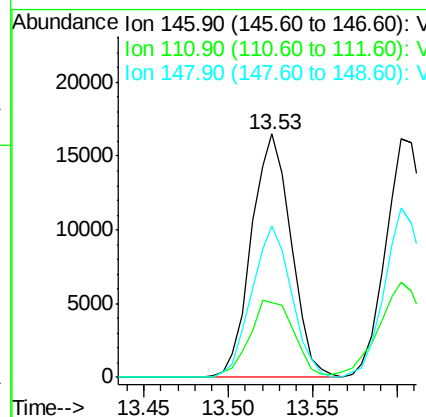
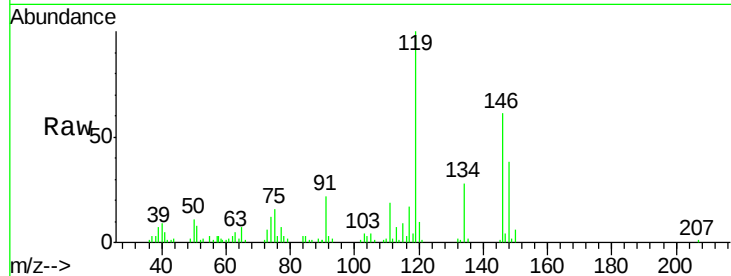
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	26924
Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.6	55.6
148	62.3	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 4.847 ug/l

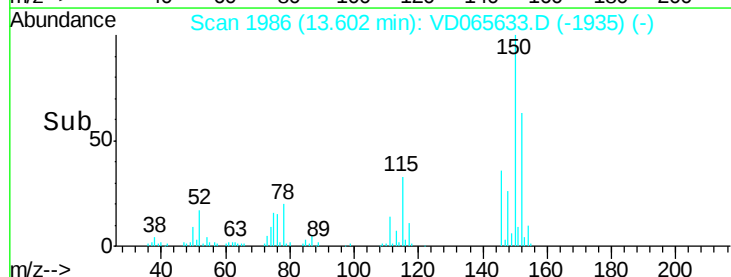
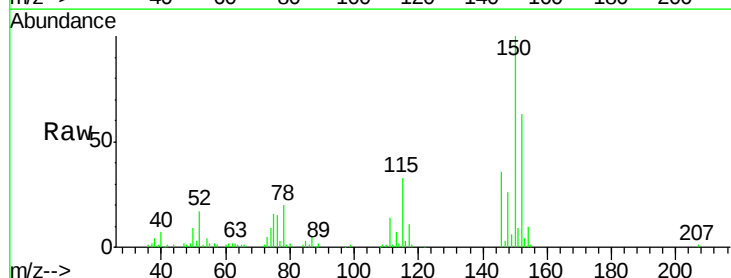
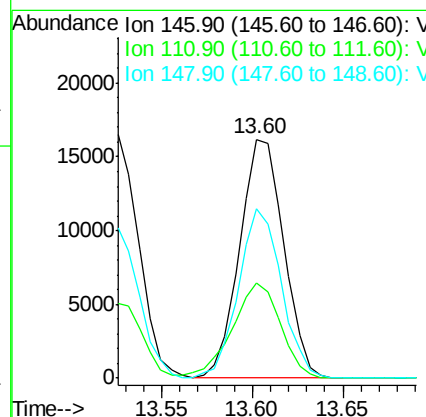
RT: 13.60 min Scan# 1986

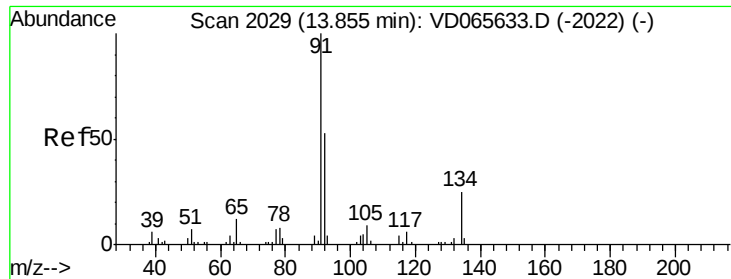
Delta R.T. -0.00 min

Lab File: VD065633.D

Acq: 15 Apr 2020 13:29

Tgt Ion:	146	Resp:	27420
Ion	Ratio	Lower	Upper
146	100		
111	43.3	18.0	54.0
148	68.9	31.4	94.2





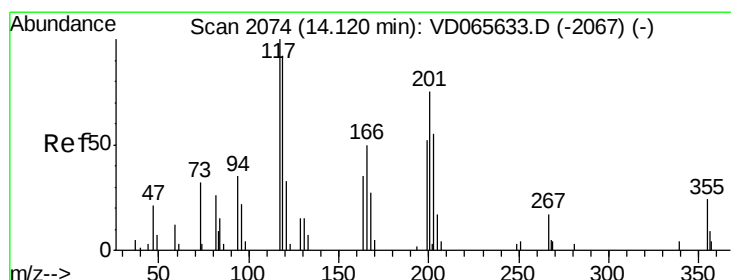
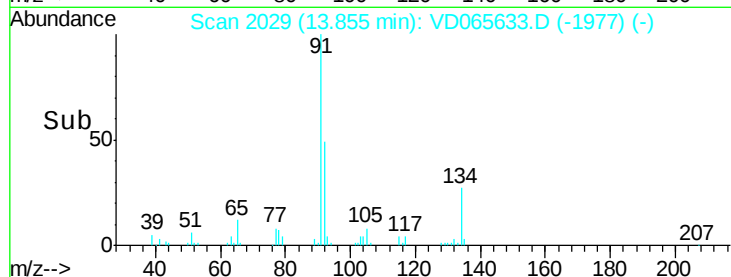
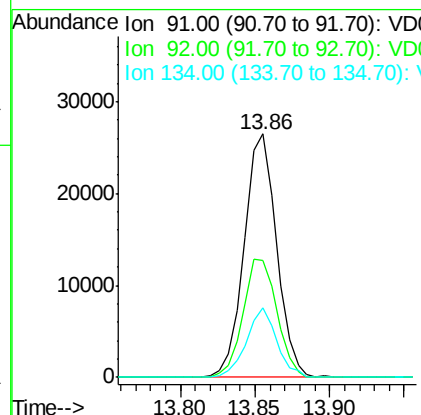
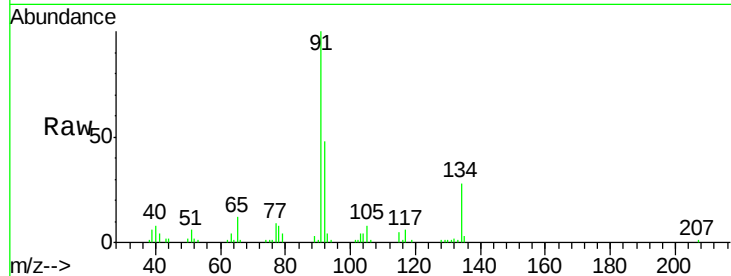
#89
n-Butylbenzene
Concen: 4.475 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	50.8	26.9	80.6	
134	26.3	13.6	40.8	

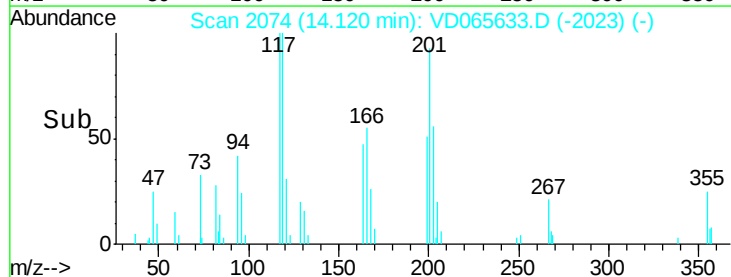
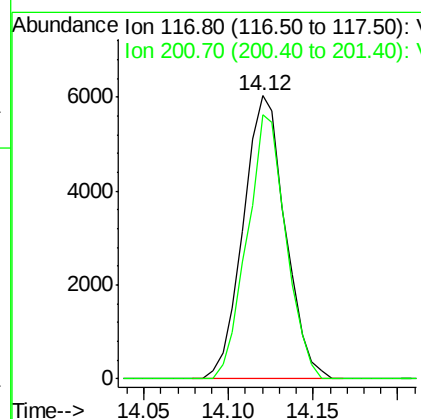
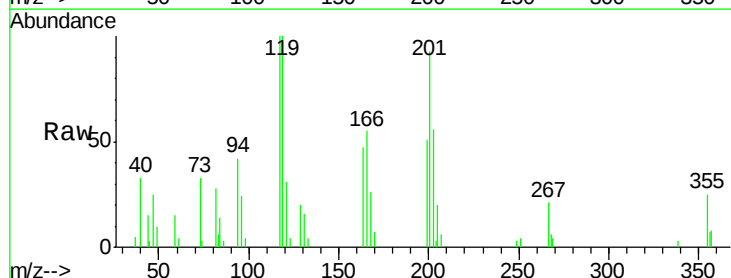
Manual Integrations
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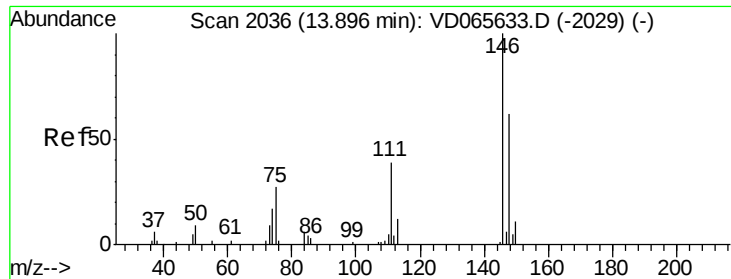
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#90
Hexachloroethane
Concen: 4.849 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.1	44.9	134.7	





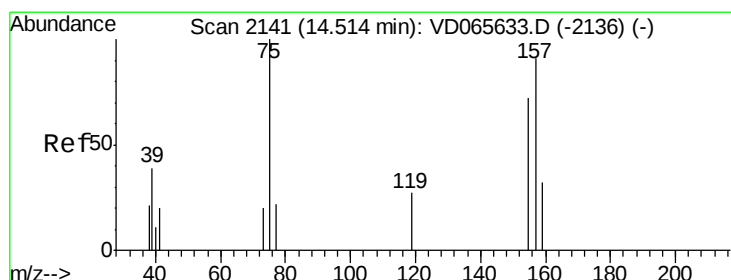
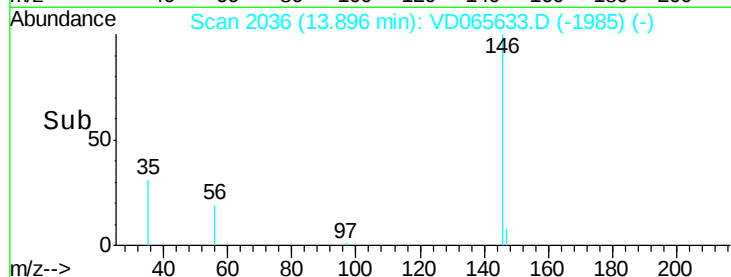
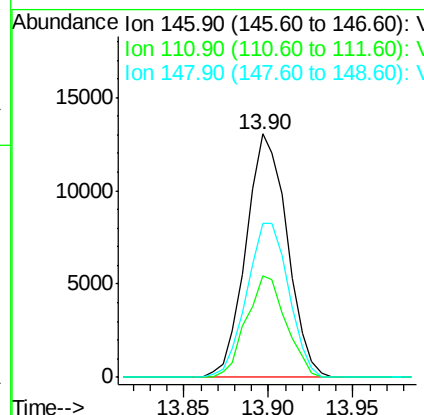
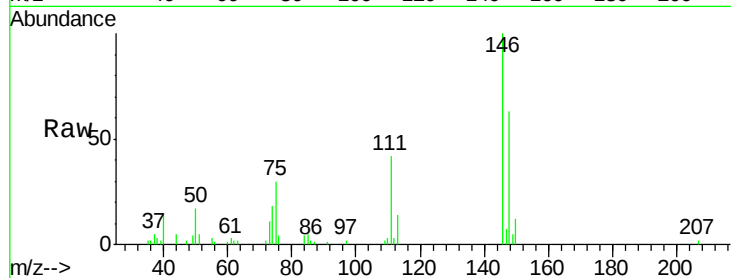
#91
 1,2-Dichlorobenzene
 Concen: 4.588 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.9
148	64.5	32.0	96.0

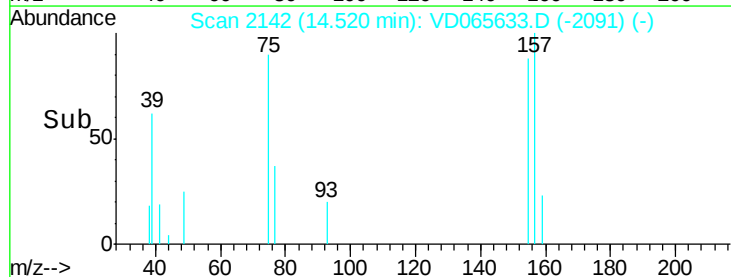
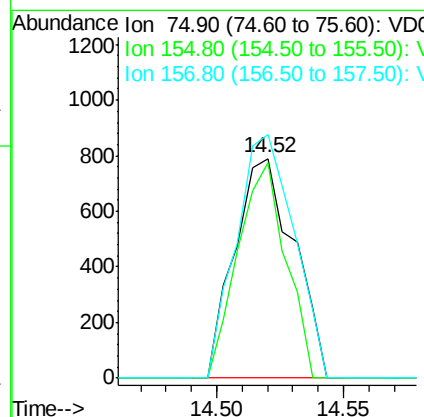
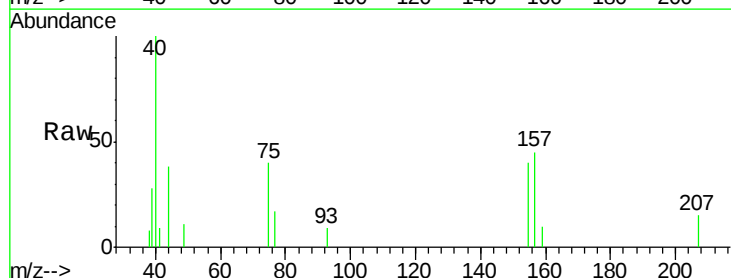
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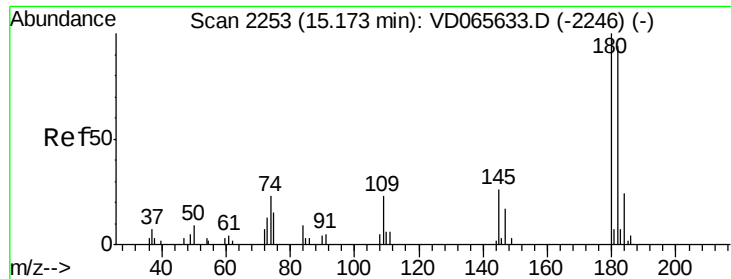
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.125 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	48.0	144.2
157	108.9	59.2	177.6





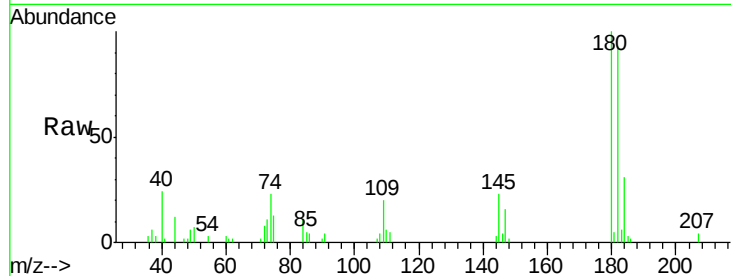
#93
 1,2,4-Trichlorobenzene
 Concen: 4.510 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

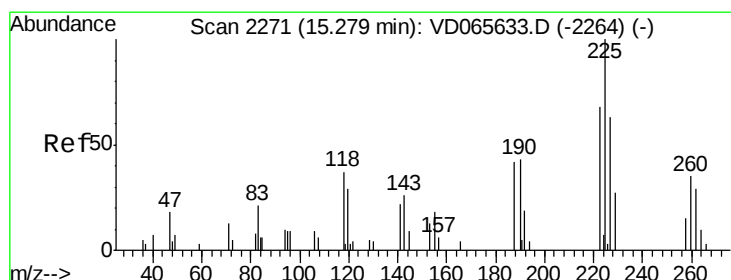
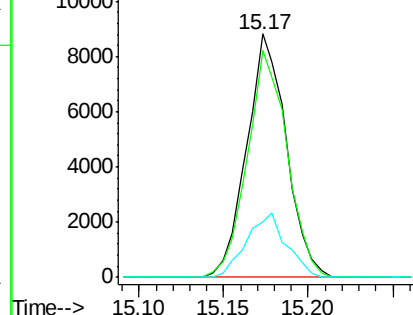
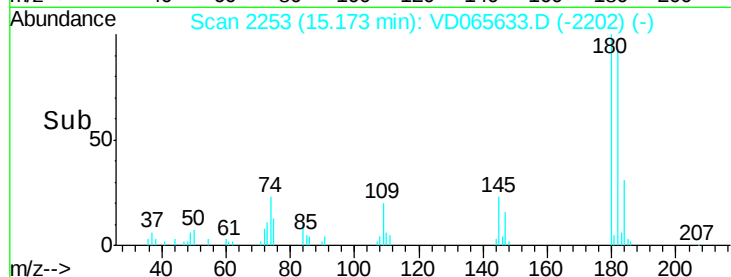
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.9	146.6
145	26.6	13.8	41.3

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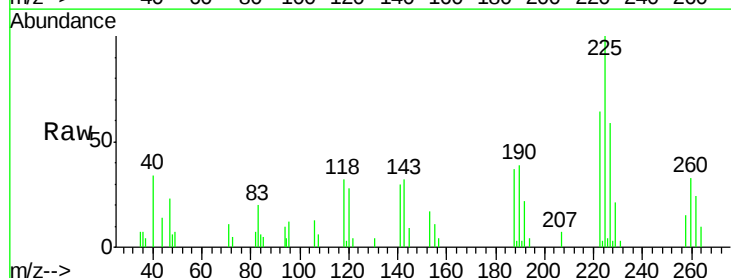


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

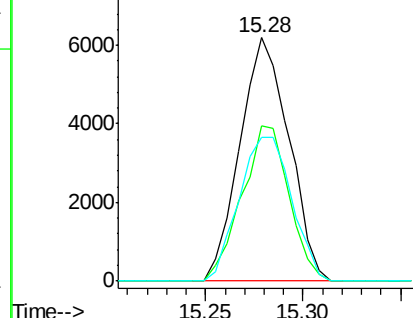
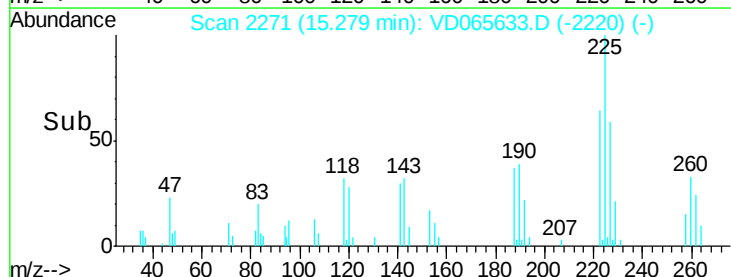


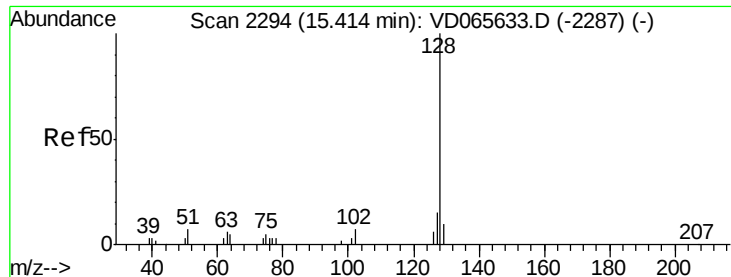
#94
 Hexachlorobutadiene
 Concen: 4.859 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065633.D
 Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.5
227	63.8	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





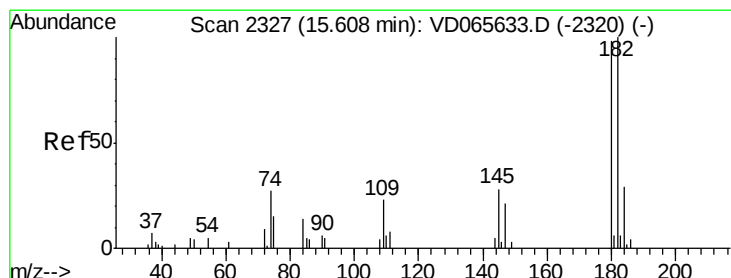
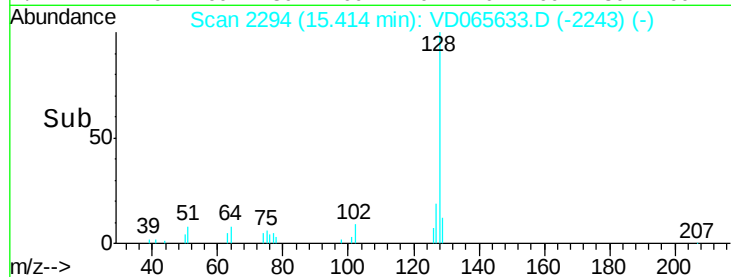
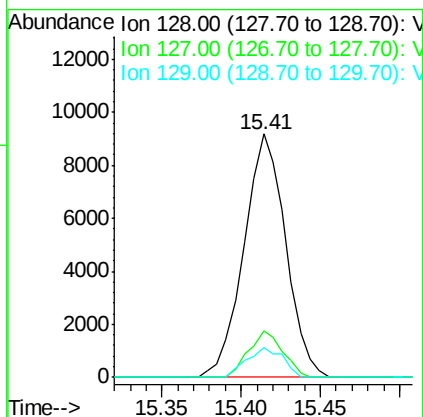
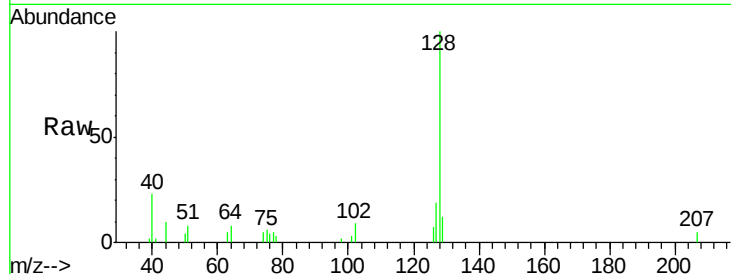
#95
Naphthalene
Concen: 3.578 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.6	16.0
129	10.7	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 4.511 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065633.D
Acq: 15 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.8	143.3
145	28.4	15.0	45.0

