

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032420\
 Data File : VD065523.D
 Acq On : 24 Mar 2020 17:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/25/2020 10:40:09 AM

Quant Time: Mar 25 03:09:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	437129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	621378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	567693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	196946	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.92	113	214754	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
50) Toluene-d8	10.34	98	795547	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
62) 4-Bromofluorobenzene	12.64	95	261823	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	163499	43.521	ug/l	96
3) Chloromethane	2.21	50	200532	44.212	ug/l	100
4) Vinyl Chloride	2.35	62	218197	48.773	ug/l	97
5) Bromomethane	2.77	94	142339	57.499	ug/l	99
6) Chloroethane	2.93	64	141680	51.709	ug/l	100
7) Trichlorofluoromethane	3.27	101	336643	51.069	ug/l	97
8) Diethyl Ether	3.70	74	106316	54.233	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	224182	52.804	ug/l	99
10) Methyl Iodide	4.30	142	261468	59.280	ug/l	96
11) Tert butyl alcohol	5.24	59	52639	244.741	ug/l #	95
12) 1,1-Dichloroethene	4.06	96	206759	50.859	ug/l	98
13) Acrolein	3.92	56	100246	270.254	ug/l	100
14) Allyl chloride	4.71	41	323571	51.812	ug/l	99
15) Acrylonitrile	5.43	53	240399	281.884	ug/l	99
16) Acetone	4.16	43	211352	278.704	ug/l	96
17) Carbon Disulfide	4.40	76	613772	45.336	ug/l	99
18) Methyl Acetate	4.72	43	105473	54.830	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	452806	57.919	ug/l	100
20) Methylene Chloride	4.96	84	234352	57.420	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	237244	52.460	ug/l	97
22) Diisopropyl ether	6.37	45	665974	57.366	ug/l	98
23) Vinyl Acetate	6.31	43	1893888	293.806	ug/l	100
24) 1,1-Dichloroethane	6.27	63	400231	53.748	ug/l	98
25) 2-Butanone	7.22	43	283969	274.401	ug/l	98
26) 2,2-Dichloropropane	7.21	77	353719	54.358	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	259941	56.234	ug/l	97
28) Bromochloromethane	7.55	49	161701	54.277	ug/l	97
29) Tetrahydrofuran	7.57	42	186504	282.206	ug/l	98
30) Chloroform	7.71	83	417610	56.110	ug/l	99
31) Cyclohexane	7.98	56	360704	48.444	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	376003	54.667	ug/l	99
36) 1,1-Dichloropropene	8.11	75	319181	53.587	ug/l	98
37) Ethyl Acetate	7.30	43	131875	57.282	ug/l	99
38) Carbon Tetrachloride	8.10	117	343110	55.551	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	394107	54.783	ug/l	96
40) Benzene	8.36	78	929896	55.838	ug/l	99
41) Methacrylonitrile	7.53	41	76626	62.936	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	254464	58.515	ug/l	100
43) Isopropyl Acetate	8.46	43	241185	56.738	ug/l	98
44) Trichloroethene	9.11	130	264898	56.325	ug/l	97
45) 1,2-Dichloropropane	9.39	63	232164	57.551	ug/l	96
46) Dibromomethane	9.48	93	122751	58.663	ug/l	97
47) Bromodichloromethane	9.67	83	319643	58.718	ug/l	97
48) Methyl methacrylate	9.46	41	114031	57.028	ug/l	97
49) 1,4-Dioxane	9.47	88	28468	1189.393	ug/l #	96
51) 4-Methyl-2-Pentanone	10.23	43	643222	300.693	ug/l	99
52) Toluene	10.41	92	600887	57.275	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	299747	58.922	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	364814	59.245	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	174780	58.975	ug/l	97
56) Ethyl methacrylate	10.67	69	209548	62.719	ug/l	98
57) 1,3-Dichloropropane	10.95	76	295418	58.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	261583	250.500	ug/l	98
59) 2-Hexanone	10.99	43	448273	302.725	ug/l	99
60) Dibromochloromethane	11.14	129	230210	60.599	ug/l	100
61) 1,2-Dibromoethane	11.25	107	166570	58.924	ug/l	99
64) Tetrachloroethene	10.88	164	231478	56.904	ug/l	98
65) Chlorobenzene	11.68	112	647063	57.598	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	244636	59.792	ug/l	98
67) Ethyl Benzene	11.75	91	1130433	58.236	ug/l	100
68) m/p-Xylenes	11.86	106	887038	118.514	ug/l	99
69) o-Xylene	12.18	106	398263	60.491	ug/l	99
70) Styrene	12.20	104	709831	61.260	ug/l	99
71) Bromoform	12.37	173	138015	60.054	ug/l #	97
73) Isopropylbenzene	12.48	105	1088213	56.369	ug/l	100
74) N-amyl acetate	12.30	43	223533	56.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	186912	55.081	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	123671m	53.399	ug/l	
77) Bromobenzene	12.77	156	275290	57.395	ug/l	96
78) n-propylbenzene	12.83	91	1289286	56.287	ug/l	100
79) 2-Chlorotoluene	12.91	91	712484	55.191	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	904521	56.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	64244	58.538	ug/l	97
82) 4-Chlorotoluene	13.01	91	751444	55.394	ug/l	98
83) tert-Butylbenzene	13.23	119	765602	57.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	901290	57.611	ug/l	100
85) sec-Butylbenzene	13.41	105	1076134	56.148	ug/l	98
86) p-Isopropyltoluene	13.53	119	1014060	57.983	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	516184	55.977	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	505290	55.085	ug/l	99
89) n-Butylbenzene	13.86	91	914399	56.554	ug/l	99
90) Hexachloroethane	14.12	117	199106	55.282	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	441844	56.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28472	55.092	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	311011	58.475	ug/l	99
94) Hexachlorobutadiene	15.28	225	203165	58.135	ug/l	99
95) Naphthalene	15.41	128	507443	53.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	272670	59.327	ug/l	100

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

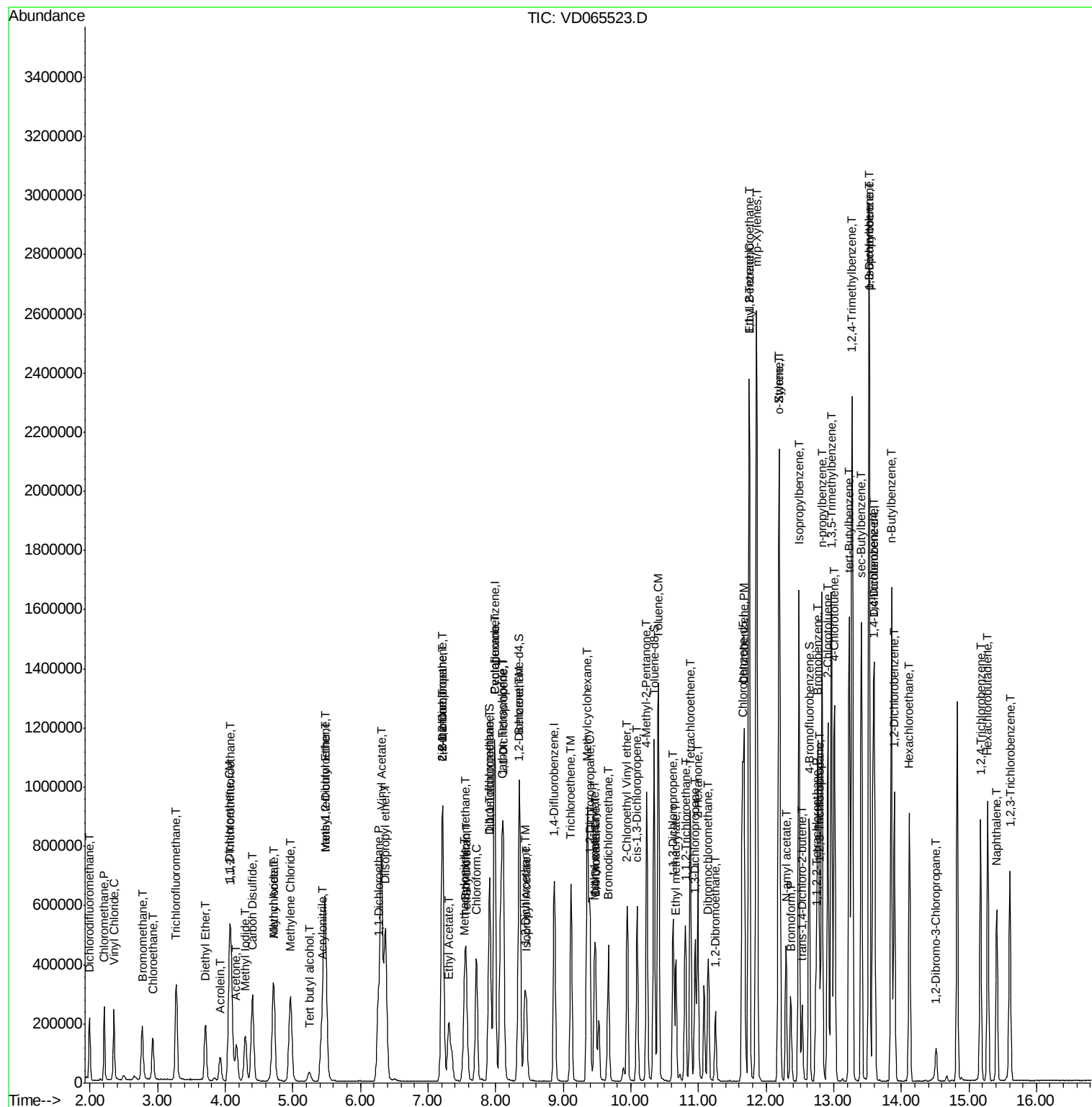
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032420\
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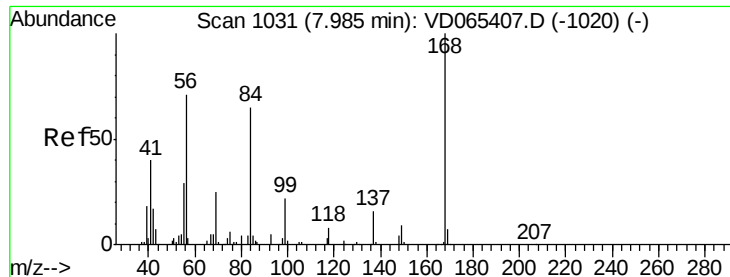
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 437129

Ion Ratio Lower Upper

168 100

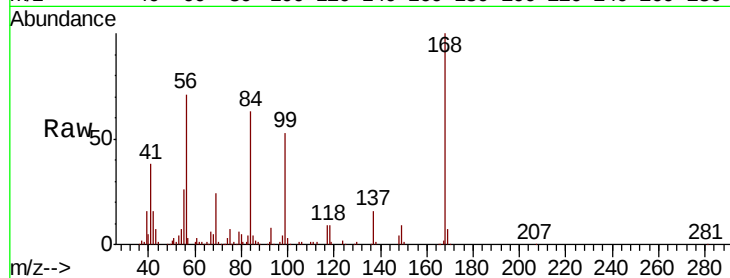
99 52.9 41.5 62.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

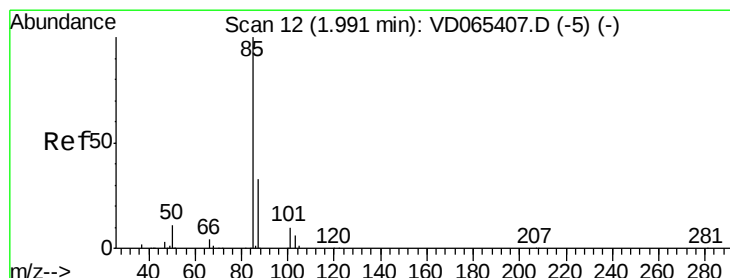
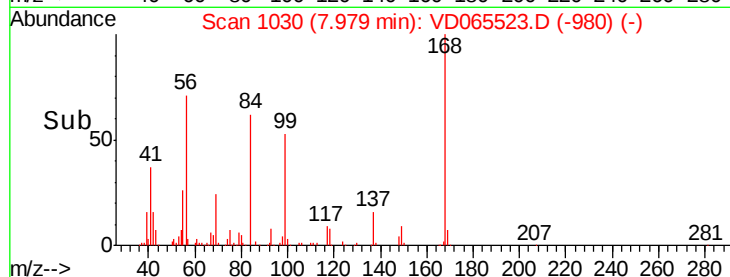
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.521 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065523.D

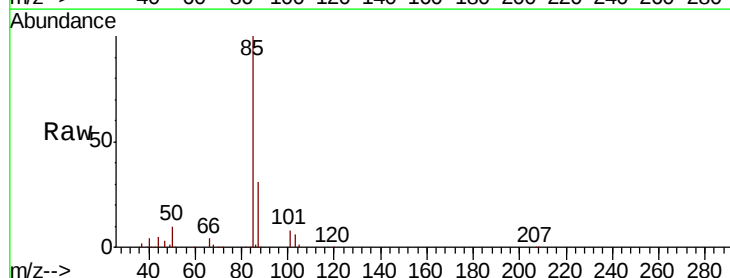
Acq: 24 Mar 2020 17:05

Tgt Ion: 85 Resp: 163499

Ion Ratio Lower Upper

85 100

87 30.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

50000

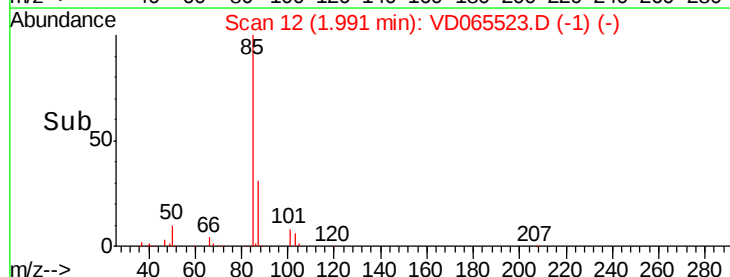
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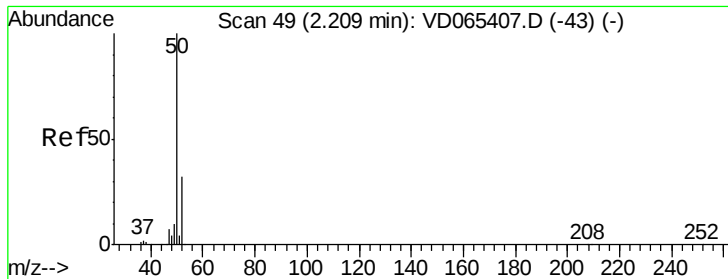
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 44.212 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 200532

Ion Ratio Lower Upper

50 100

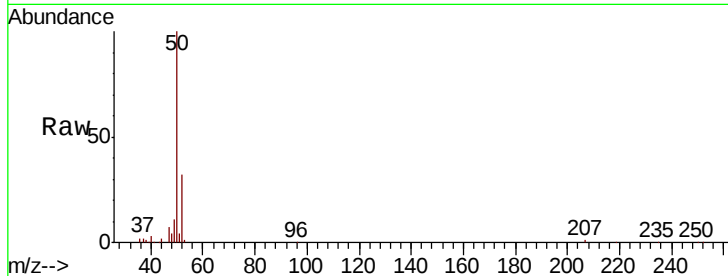
52 32.5 25.8 38.8

Manual Integrations

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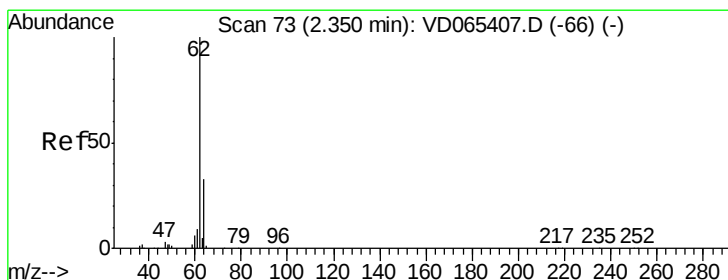
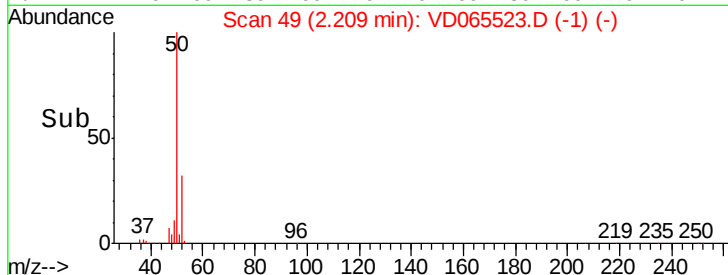
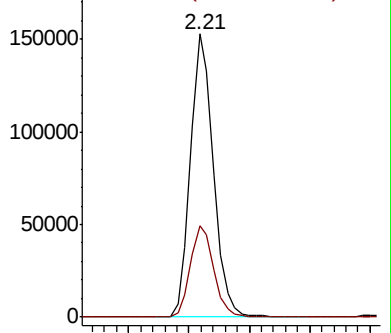
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.773 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065523.D

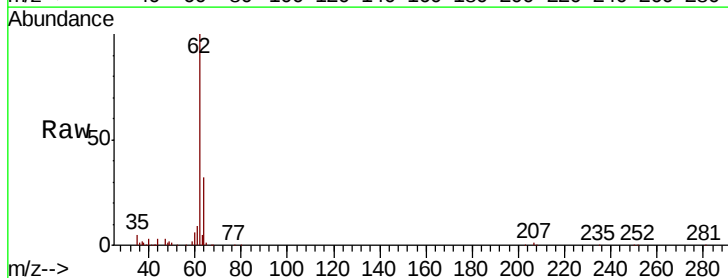
Acq: 24 Mar 2020 17:05

Tgt Ion: 62 Resp: 218197

Ion Ratio Lower Upper

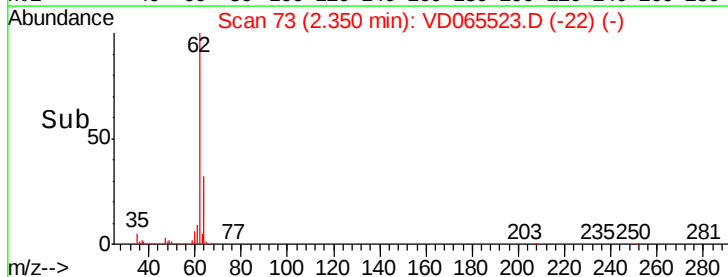
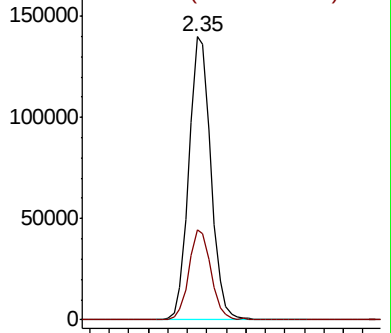
62 100

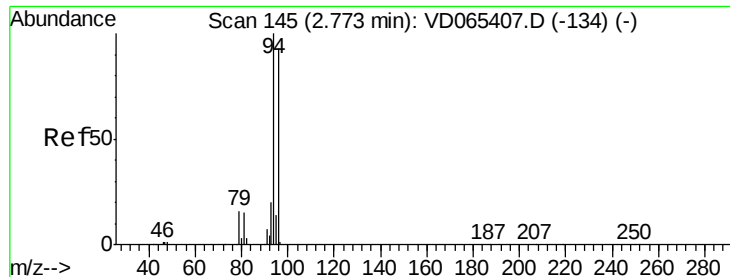
64 31.7 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 57.499 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 142339

Ion Ratio Lower Upper

94 100

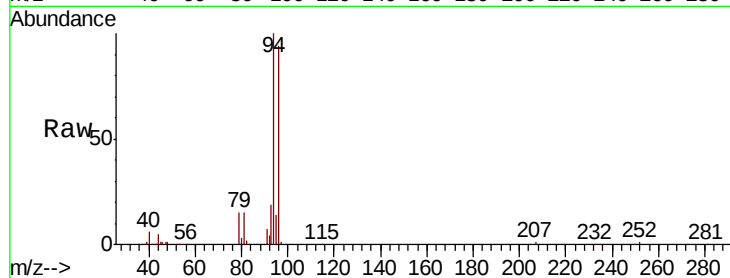
96 93.9 74.4 111.6

Manual Integrations

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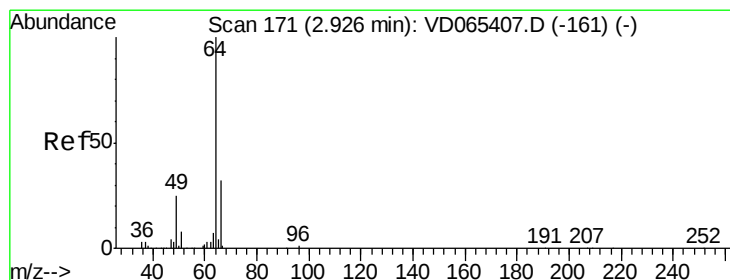
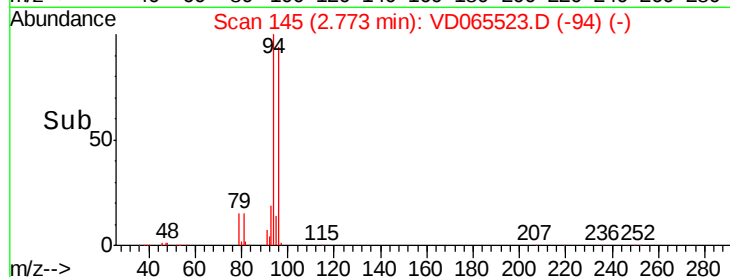
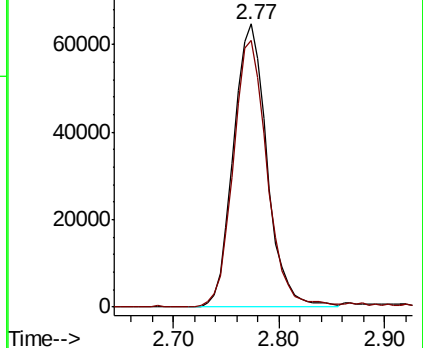
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 51.709 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065523.D

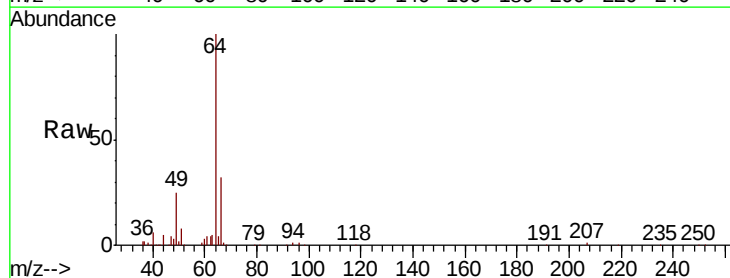
Acq: 24 Mar 2020 17:05

Tgt Ion: 64 Resp: 141680

Ion Ratio Lower Upper

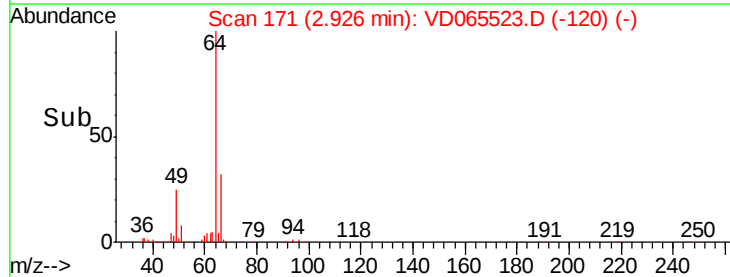
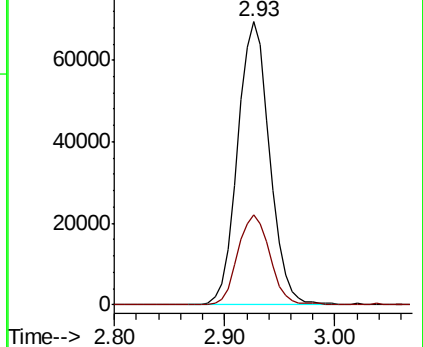
64 100

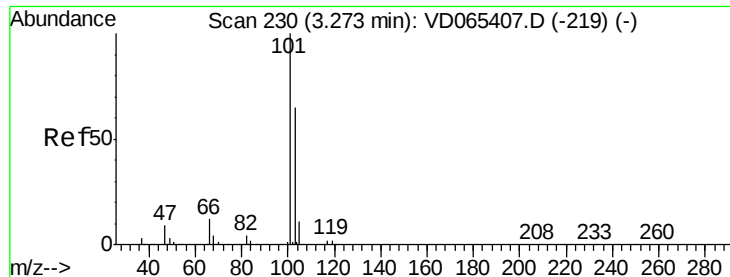
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

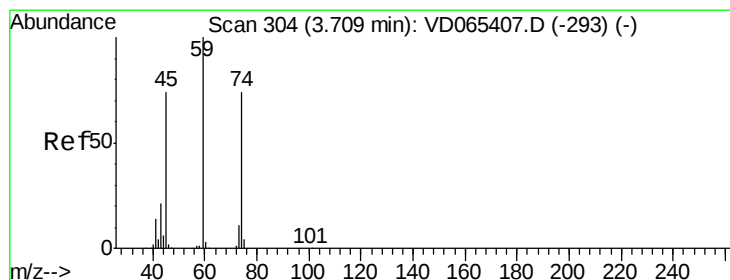
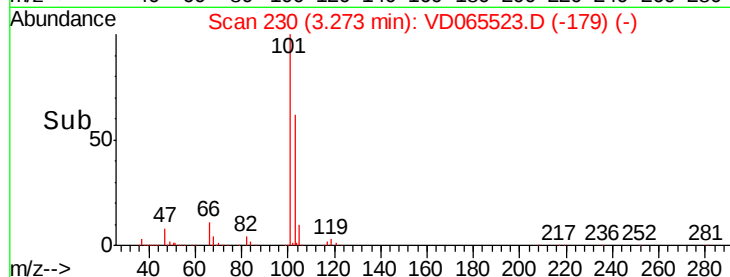
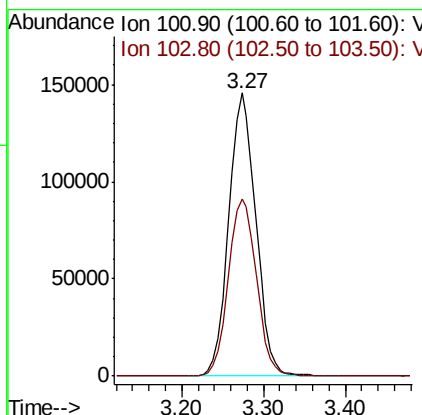
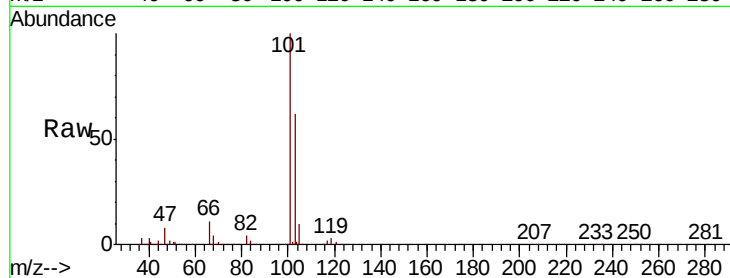
Trichlorofluoromethane
 Concen: 51.069 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065523.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.1	78.1

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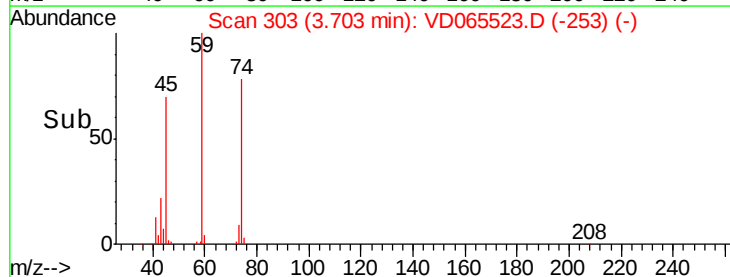
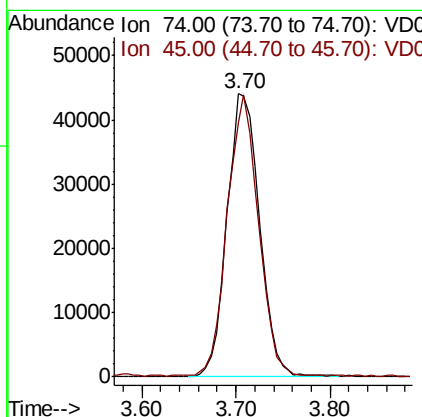
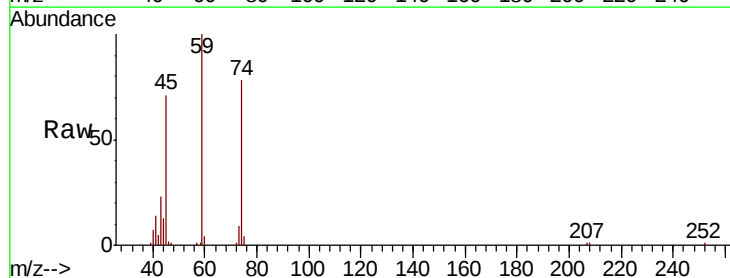
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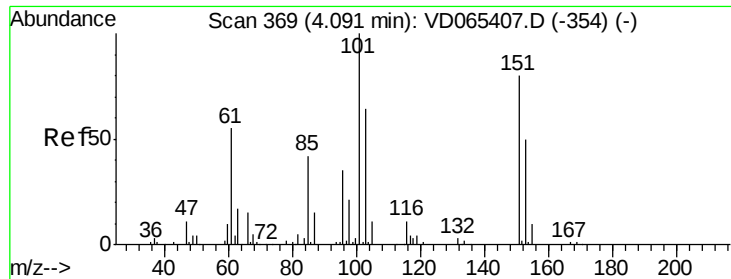


#8

Diethyl Ether
 Concen: 54.233 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	49.5	148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.804 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

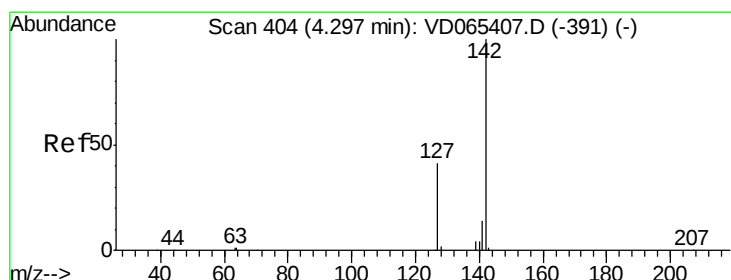
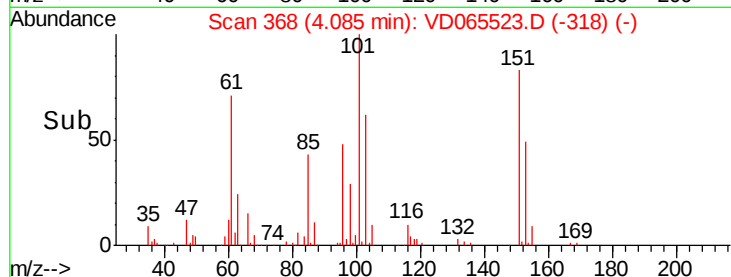
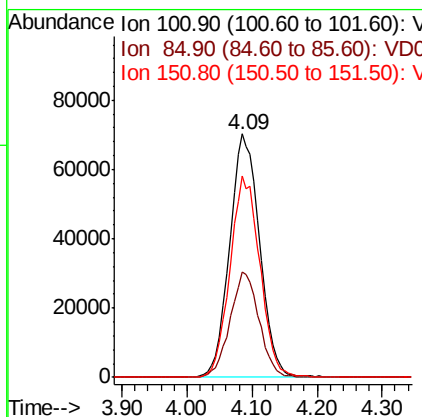
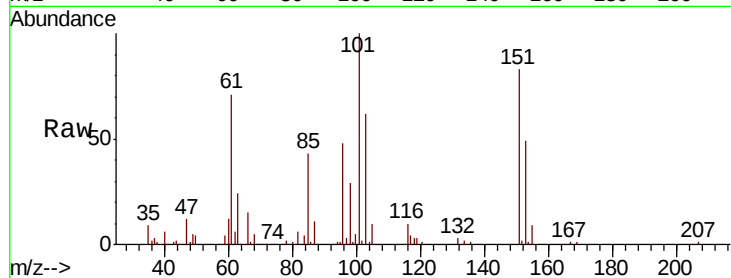
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	224182
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.2	51.2
151	82.3	65.1	97.7

Manual Integrations
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#10

Methyl Iodide

Concen: 59.280 ug/l

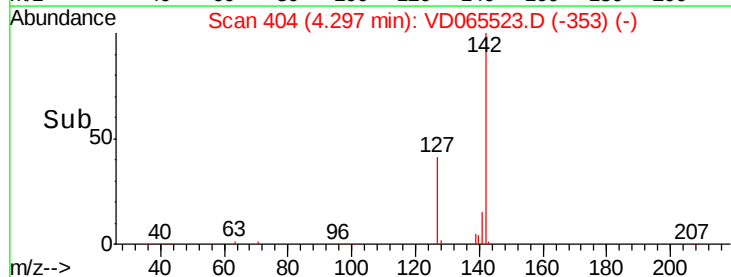
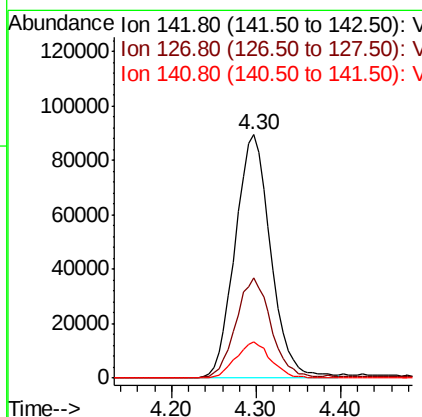
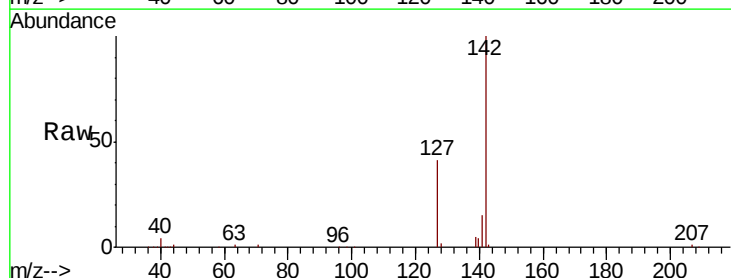
RT: 4.30 min Scan# 404

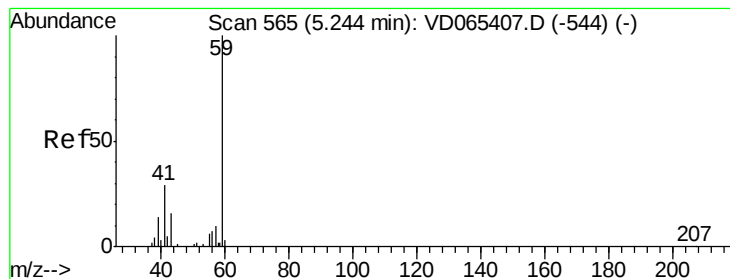
Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	142	Resp:	261468
Ion Ratio	Lower	Upper	
142	100		
127	40.9	35.0	52.6
141	14.5	12.4	18.6





#11

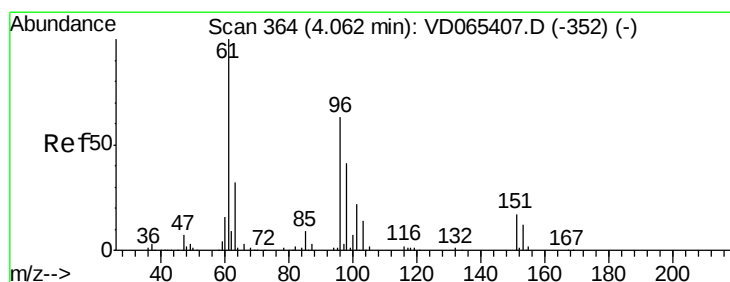
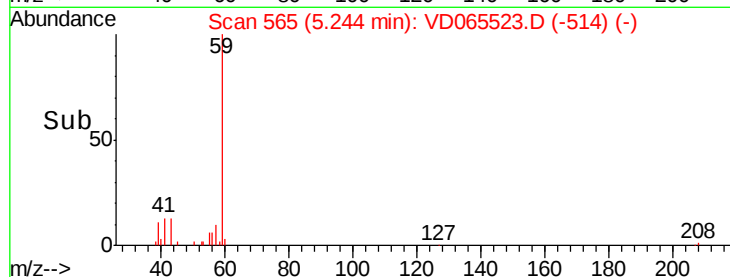
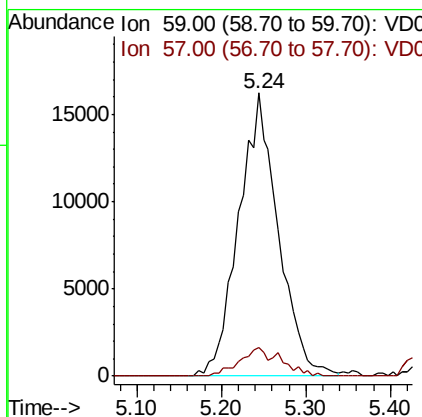
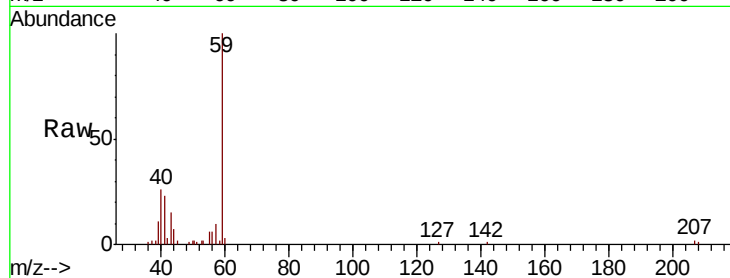
Tert butyl alcohol
Concen: 244.741 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.8	6.9	10.3#

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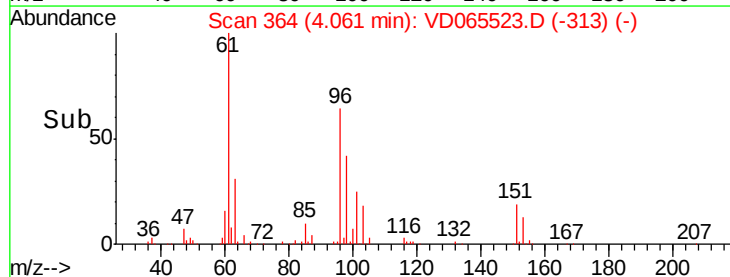
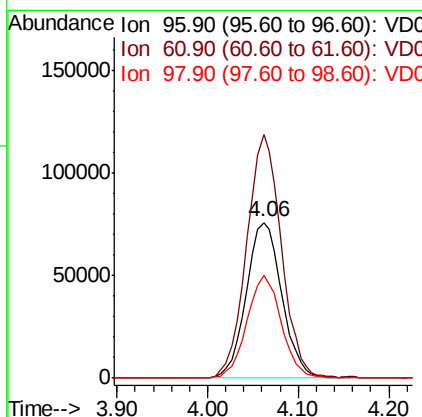
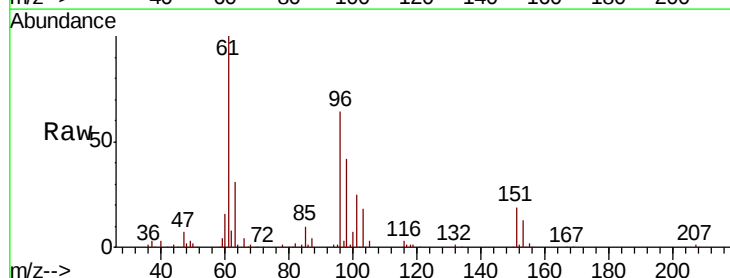
apatel
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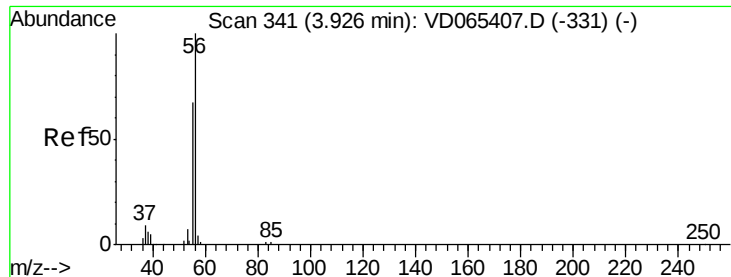


#12

1,1-Dichloroethene
Concen: 50.859 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	128.0	192.0
98	66.4	51.9	77.9





#13

Acrolein

Concen: 270.254 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 100246

Ion Ratio Lower Upper

56 100

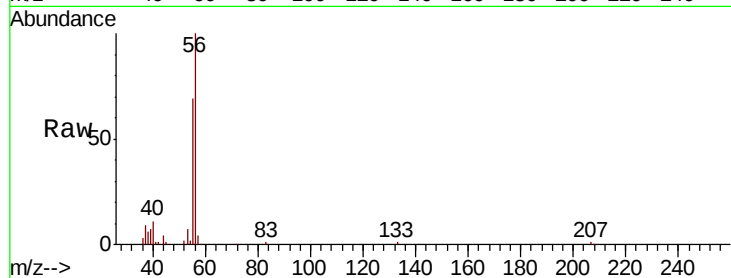
55 70.7 56.6 85.0

Manual Integrations

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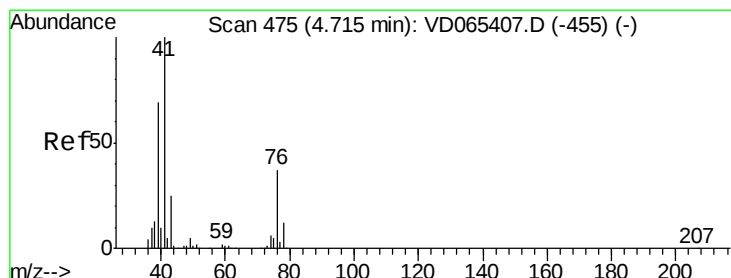
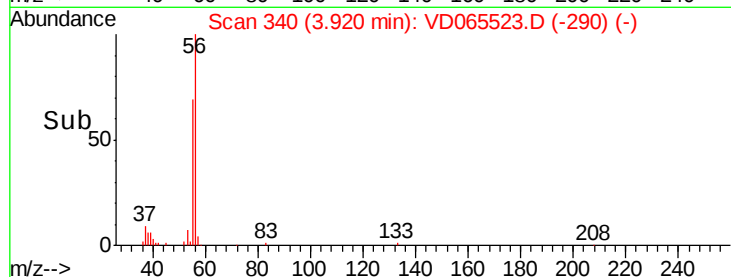
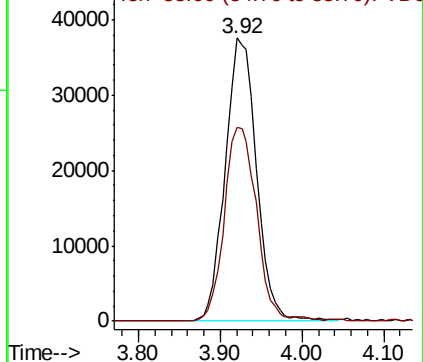
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.812 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

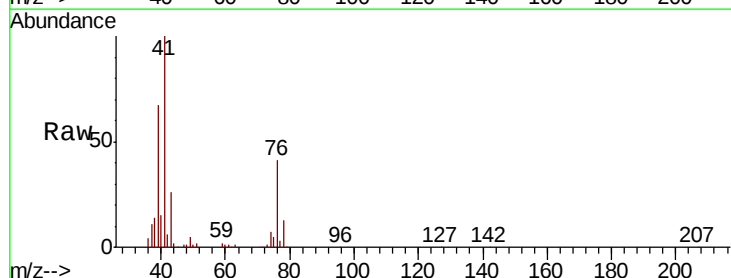
Tgt Ion: 41 Resp: 323571

Ion Ratio Lower Upper

41 100

39 65.1 52.6 79.0

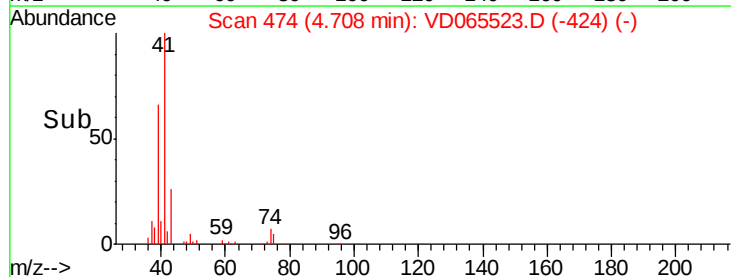
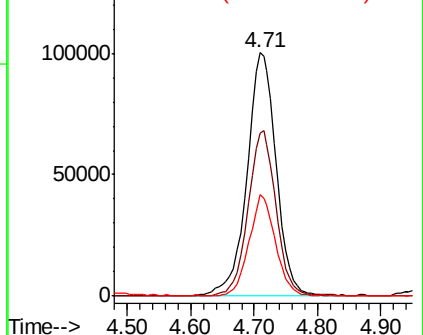
76 37.1 29.2 43.8

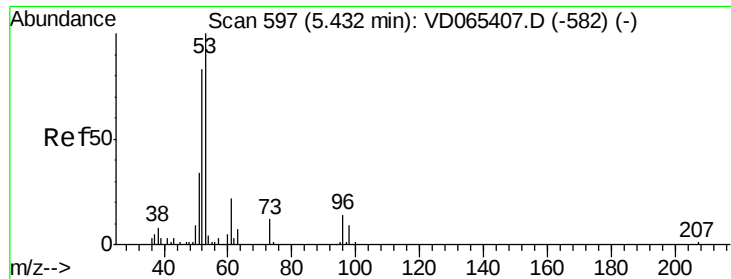


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 281.884 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

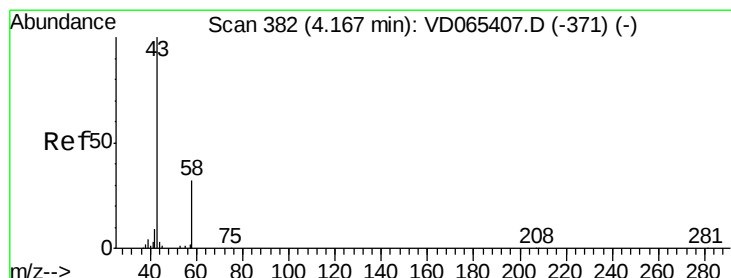
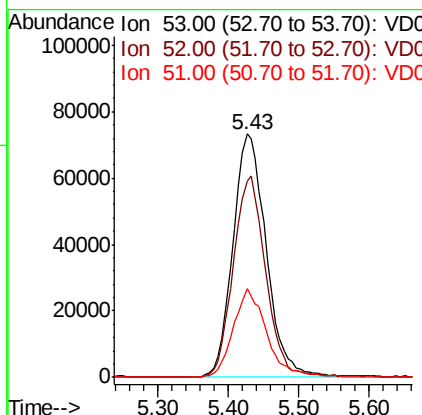
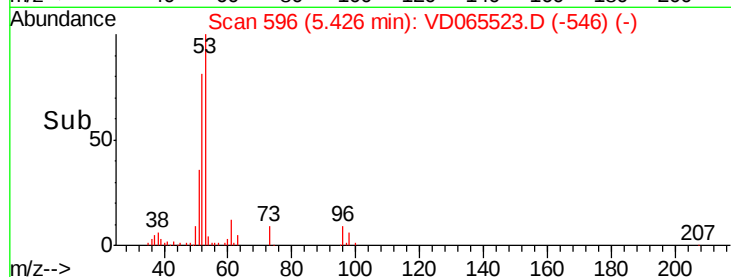
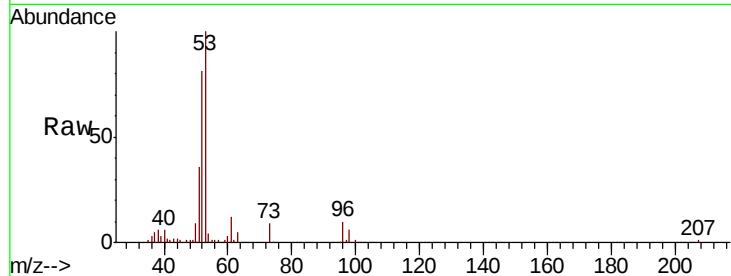
ClientSampleID :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.1	97.7
51	36.3	28.5	42.7

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#16

Acetone

Concen: 278.704 ug/l

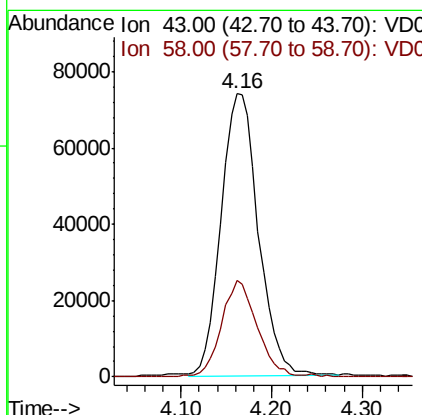
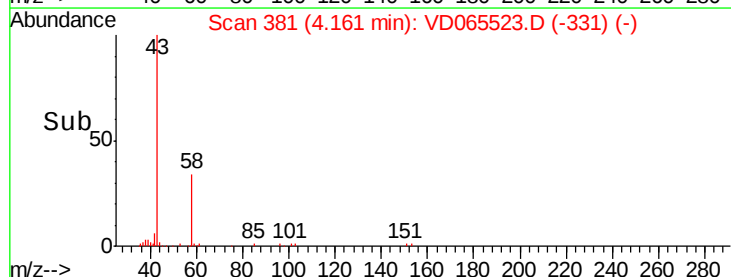
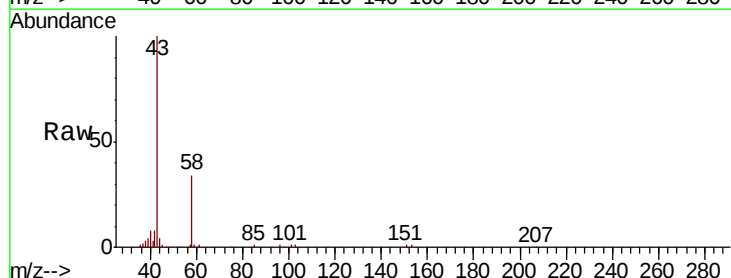
RT: 4.16 min Scan# 381

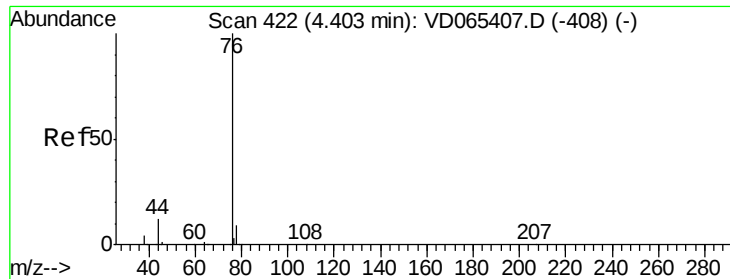
Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.1	37.7





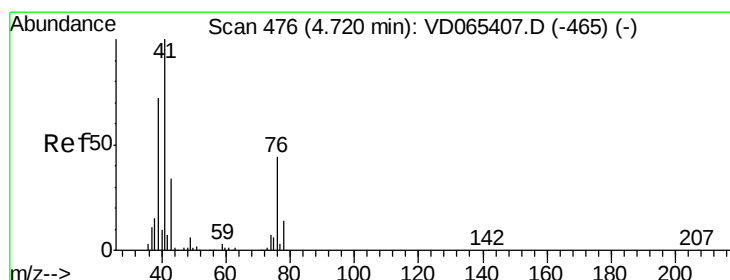
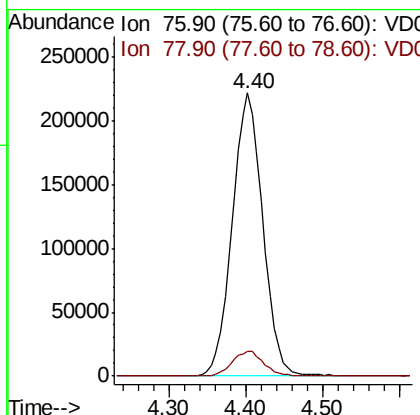
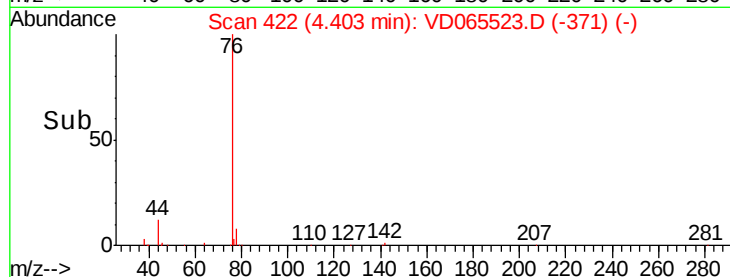
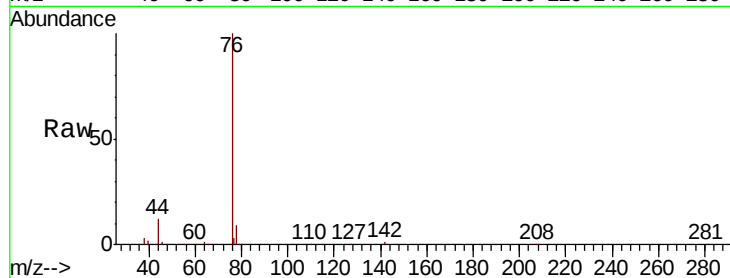
#17
Carbon Disulfide
Concen: 45.336 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

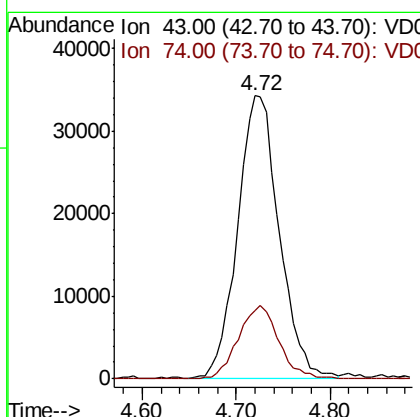
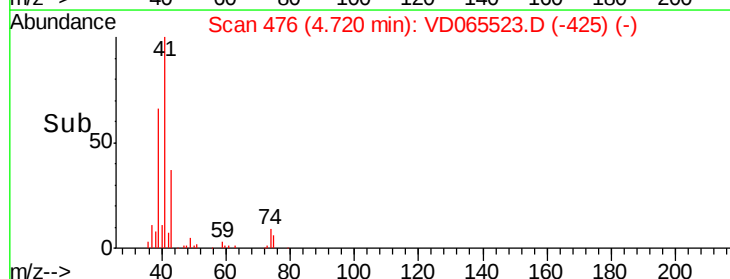
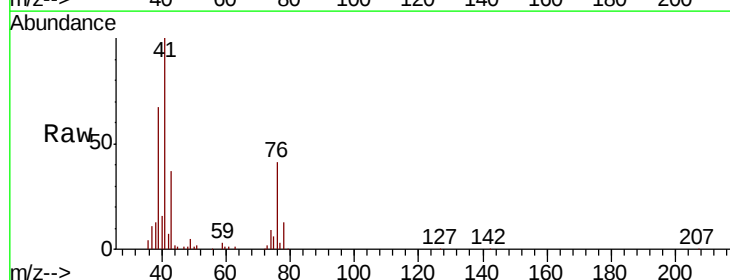
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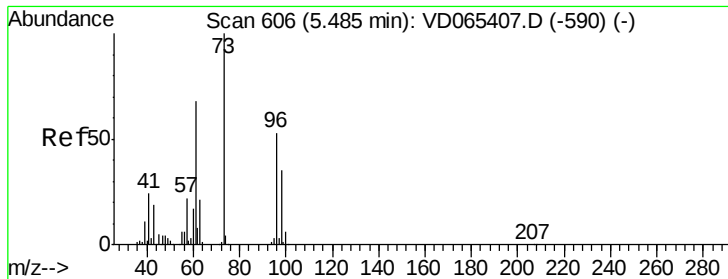
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#18
Methyl Acetate
Concen: 54.830 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.6	29.4





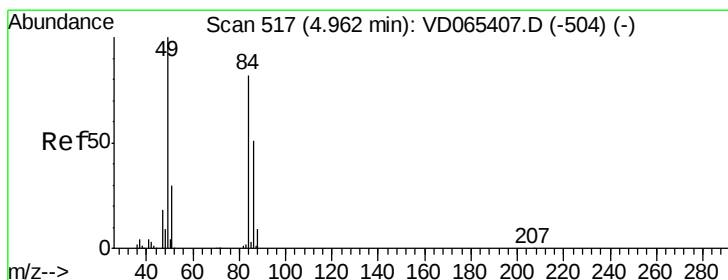
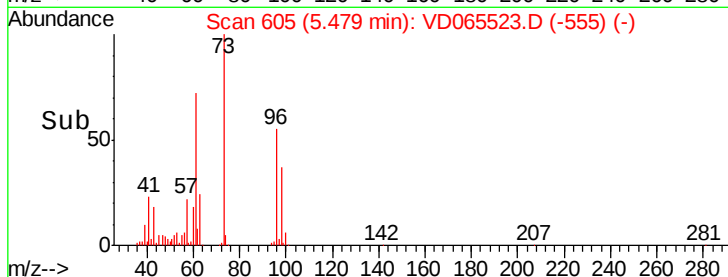
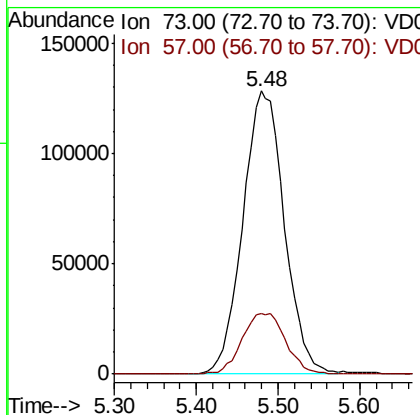
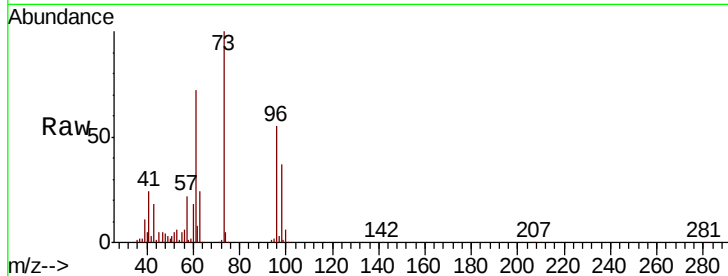
#19
Methvl tert-butvl Ether
Concen: 57.919 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 452806
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

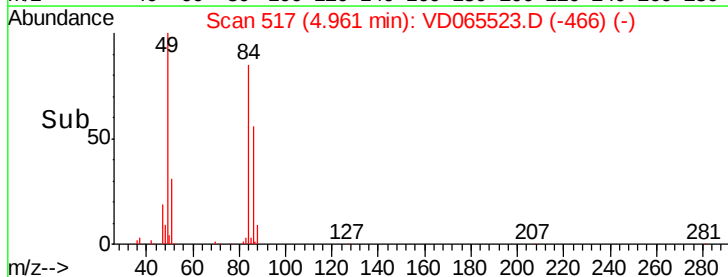
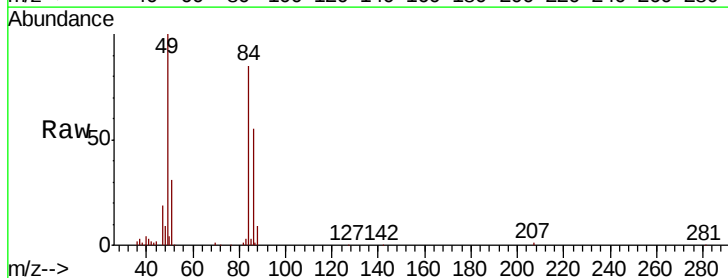
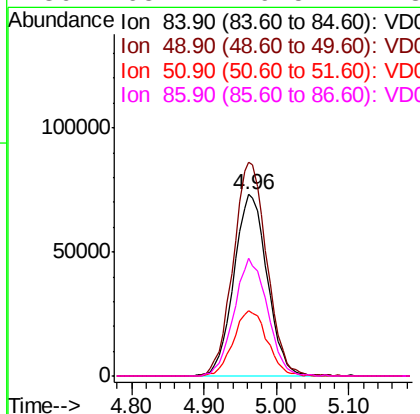
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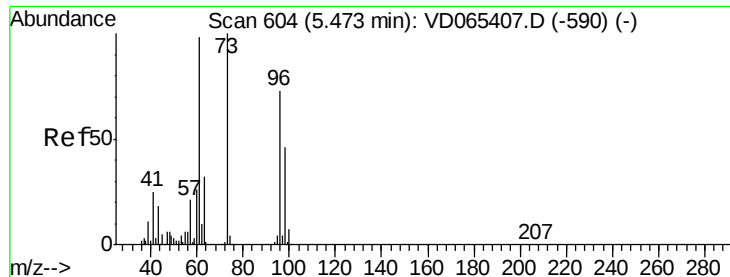
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#20
Methylene Chloride
Concen: 57.420 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion: 84 Resp: 234352
Ion Ratio Lower Upper
84 100
49 117.6 97.7 146.5
51 36.3 28.8 43.2
86 65.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 52.460 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

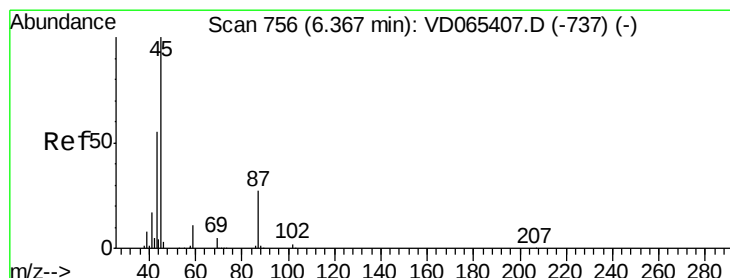
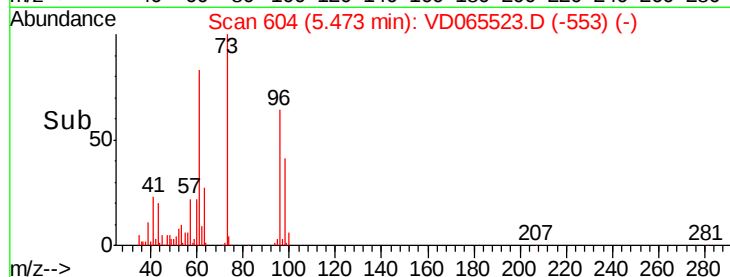
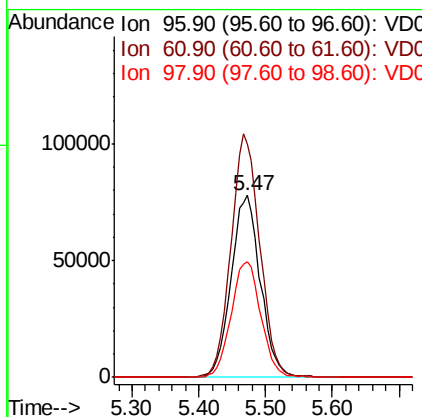
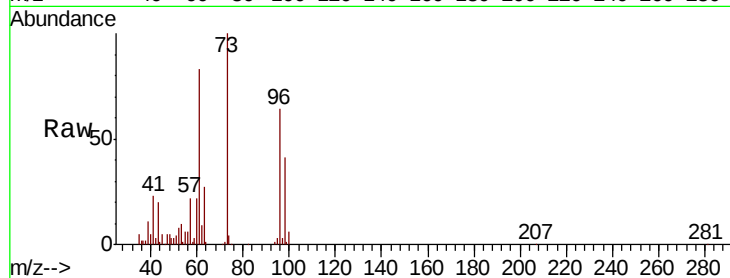
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	237244
Ion	Ratio	Lower	Upper
96	100		
61	128.1	106.3	159.5
98	63.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.366 ug/l

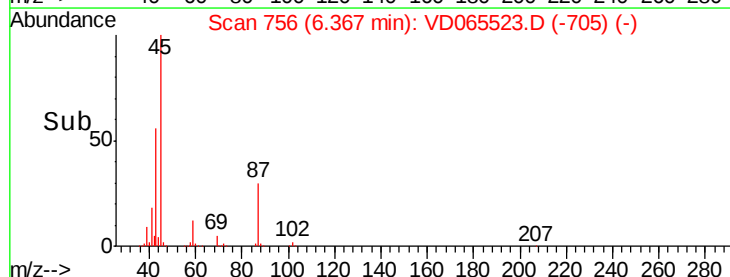
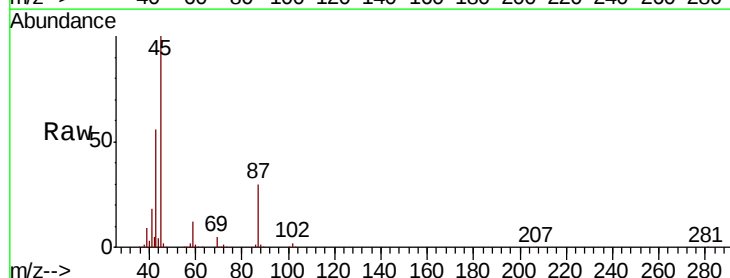
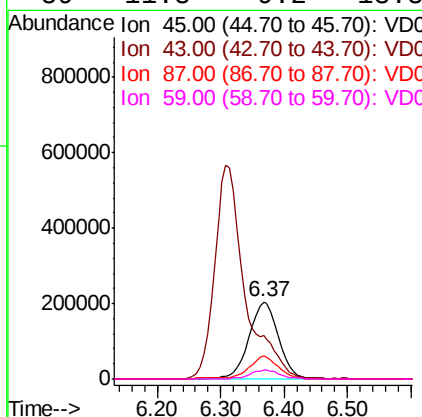
RT: 6.37 min Scan# 756

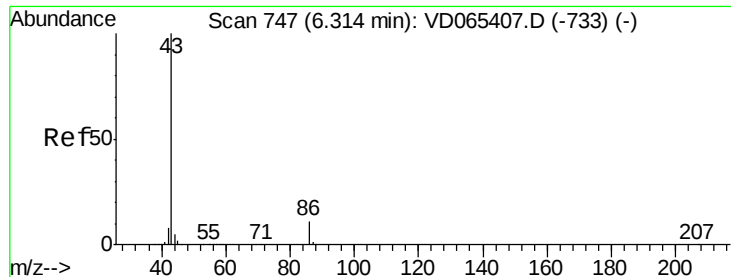
Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	45	Resp:	665974
Ion	Ratio	Lower	Upper
45	100		
43	55.1	44.4	66.6
87	30.0	21.9	32.9
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 293.806 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1893888

Ion Ratio Lower Upper

43 100

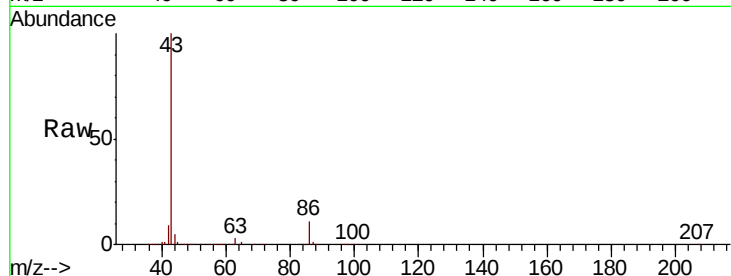
86 11.2 8.9 13.3

Manual Integrations

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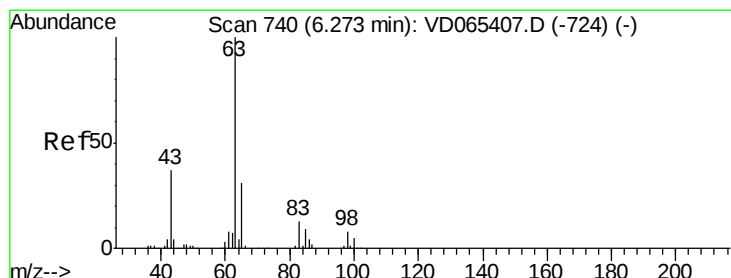
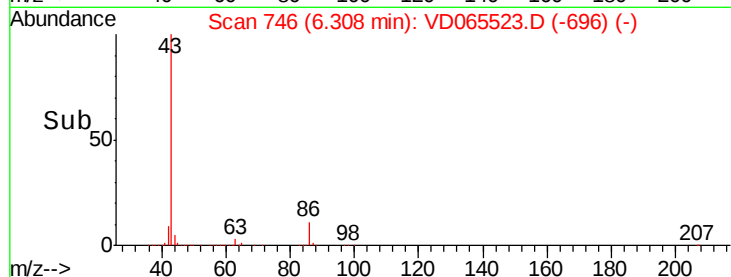
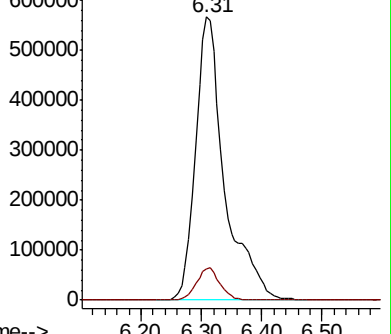
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.748 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

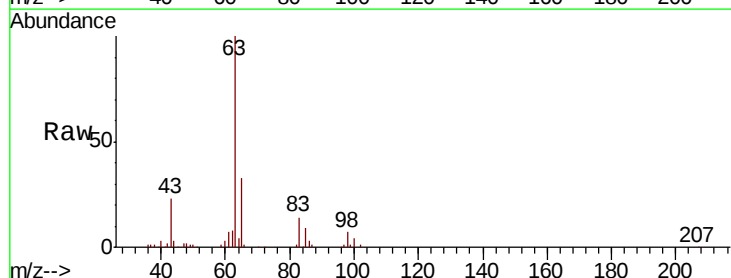
Tgt Ion: 63 Resp: 400231

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.6

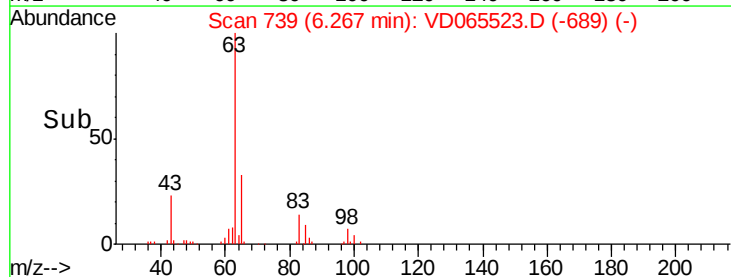
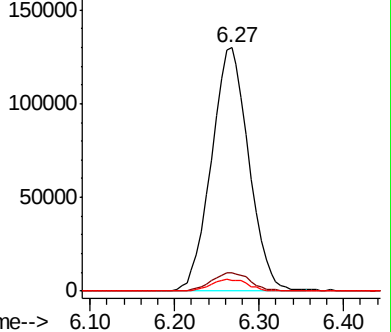
100 4.4 2.4 7.2

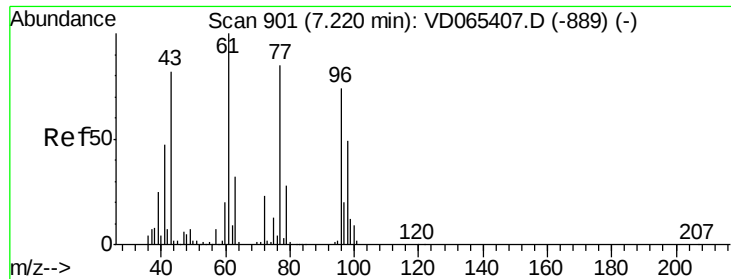


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





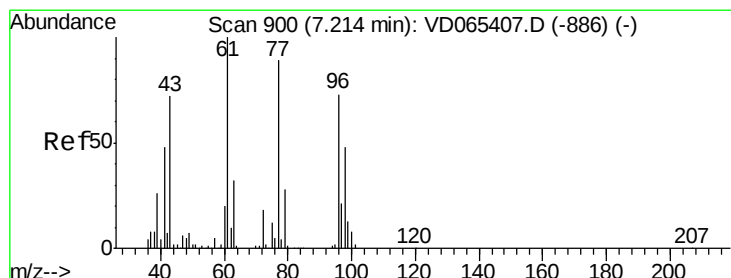
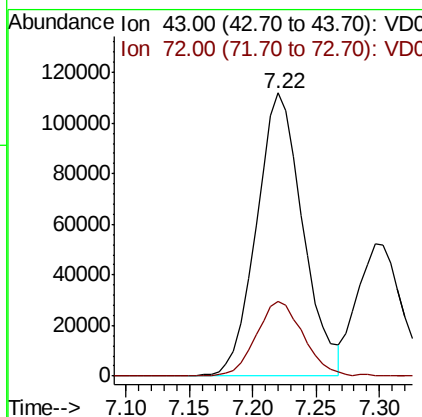
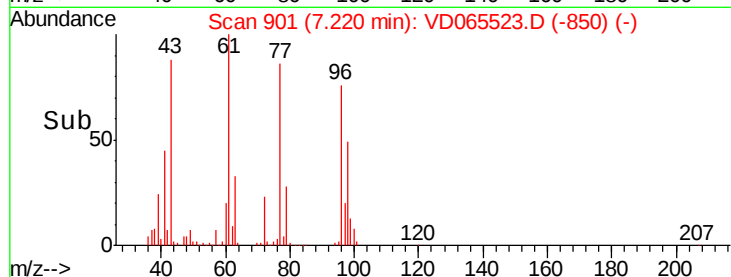
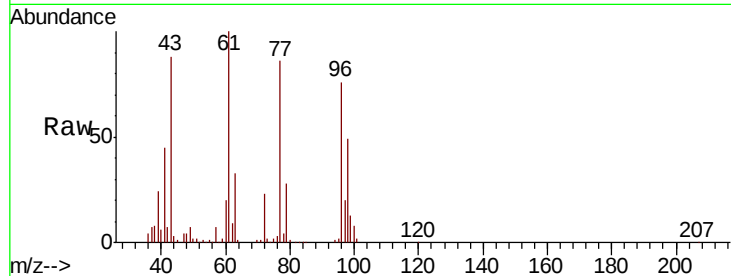
#25
2-Butanone
Concen: 274.401 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 283969
Ion Ratio Lower Upper
43 100
72 26.6 22.3 33.5

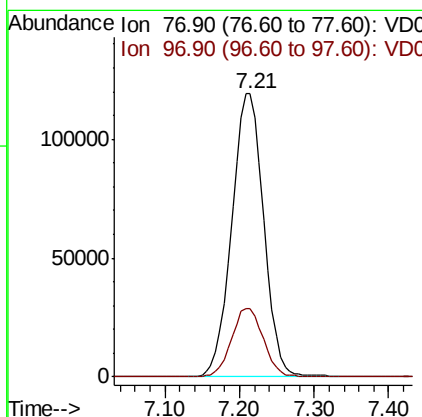
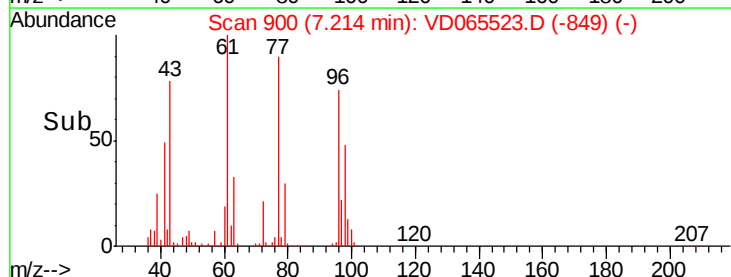
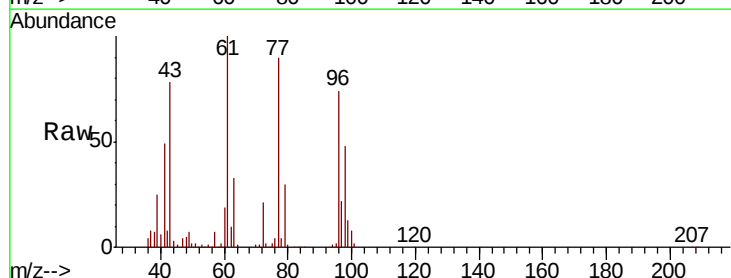
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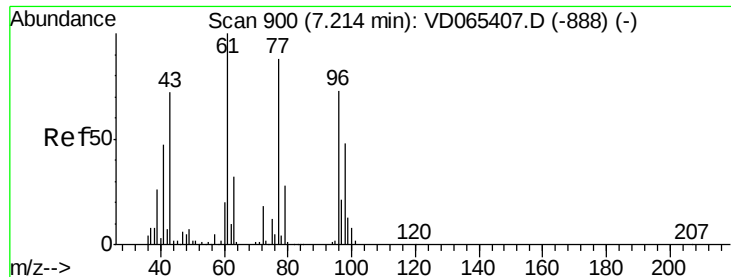
apatel
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#26
2,2-Dichloropropane
Concen: 54.358 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion: 77 Resp: 353719
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 56.234 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

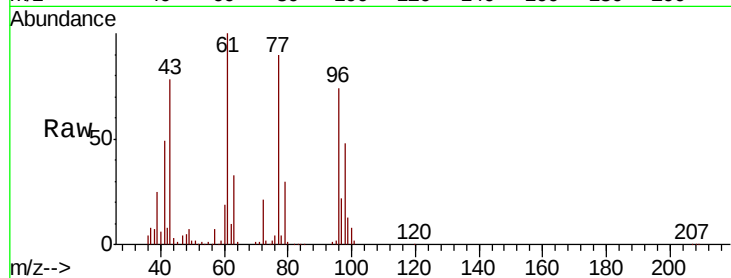
ClientSampleId :

VSTDCCC050EC

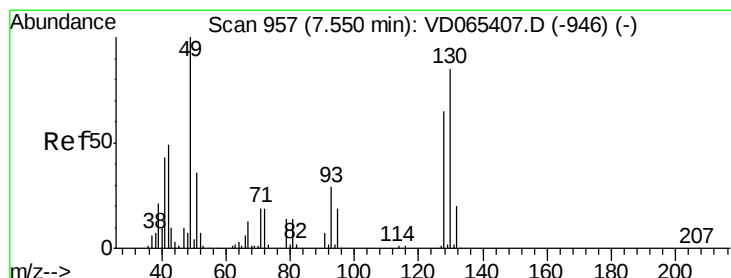
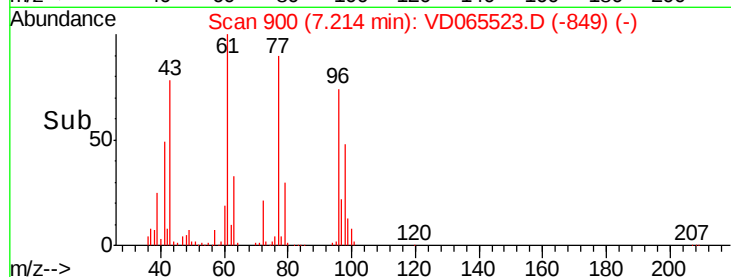
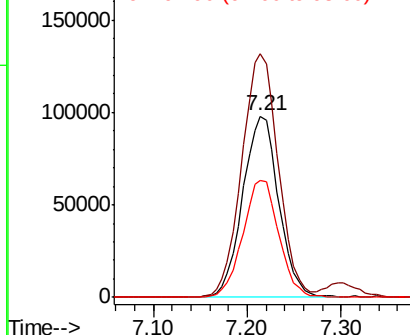
Tot Ion:	96	Resp:	259941
Ion Ratio	Lower	Upper	
96	100		
61	136.2	0.0	280.4
98	64.8	0.0	132.6

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Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 54.277 ug/l

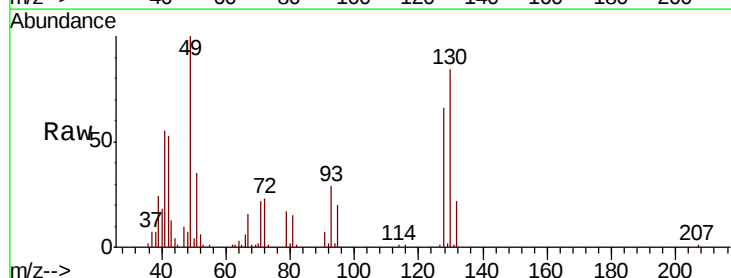
RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

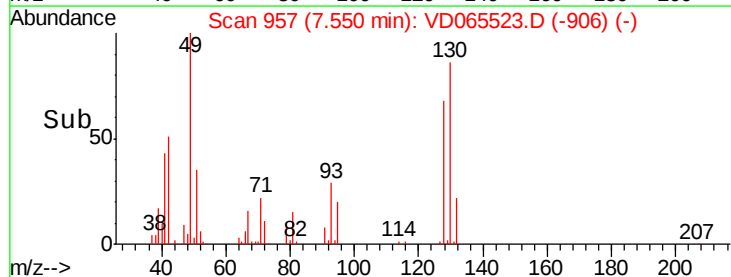
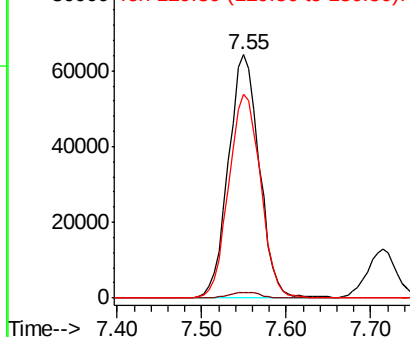
Lab File: VD065523.D

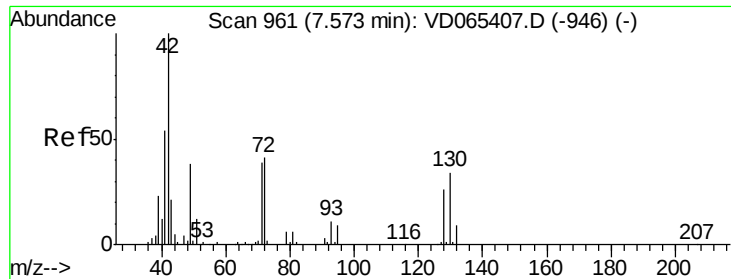
Acq: 24 Mar 2020 17:05

Tgt Ion:	49	Resp:	161701
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.6
130	86.2	66.6	100.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





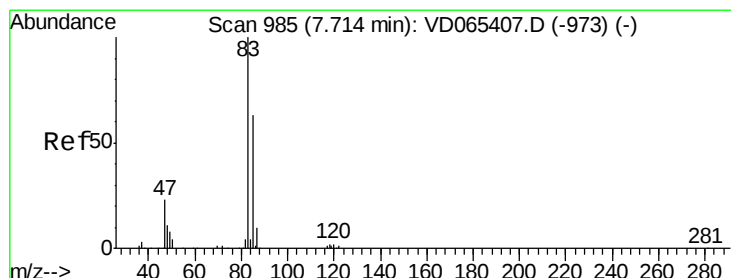
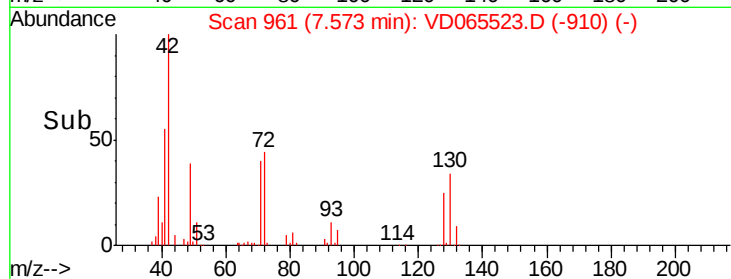
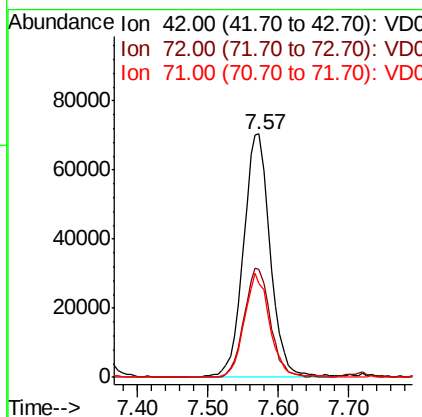
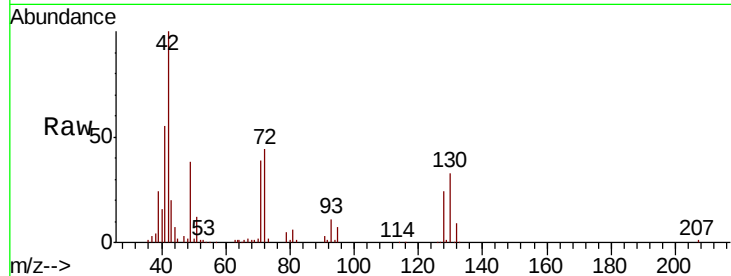
#29
Tetrahydrofuran
Concen: 282.206 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	33.0	49.6
71	40.1	32.0	48.0

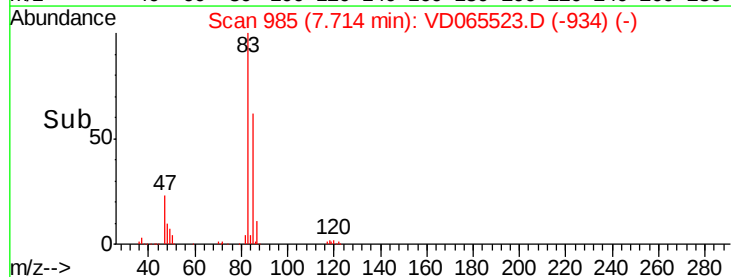
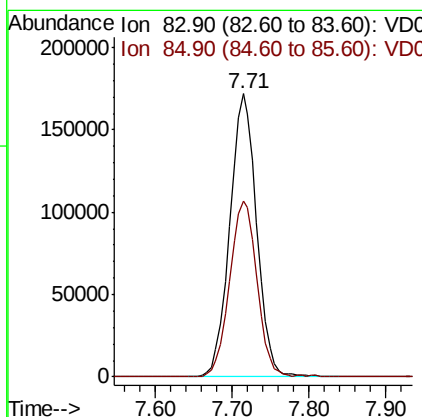
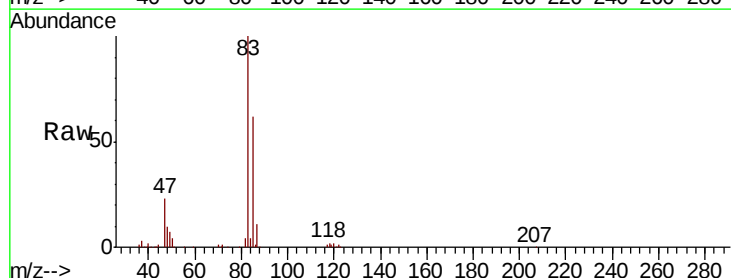
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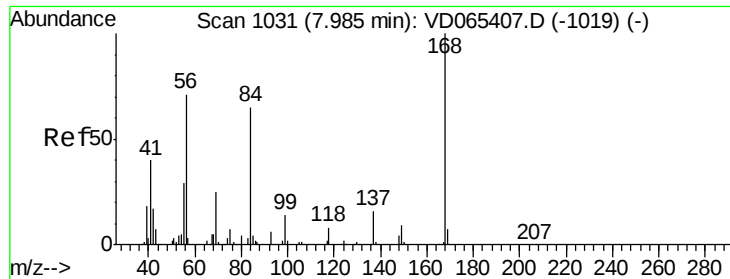
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#30
Chloroform
Concen: 56.110 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.3	75.5





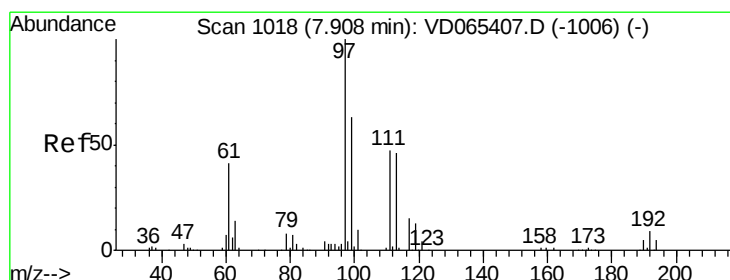
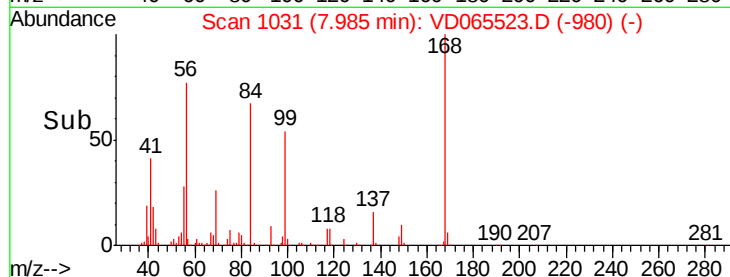
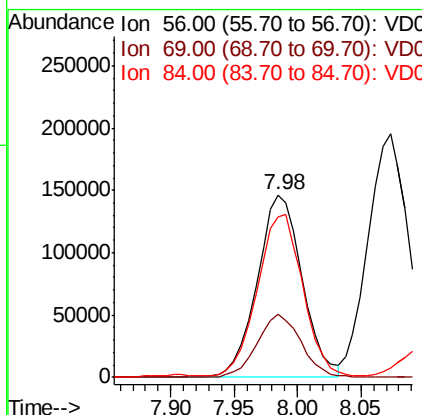
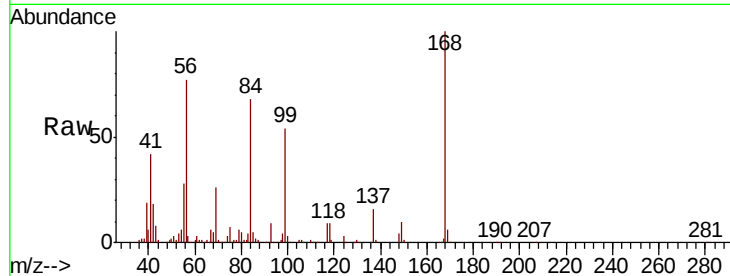
#31
Cyclohexane
Concen: 48.444 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.3	42.5
84	86.8	73.1	109.7

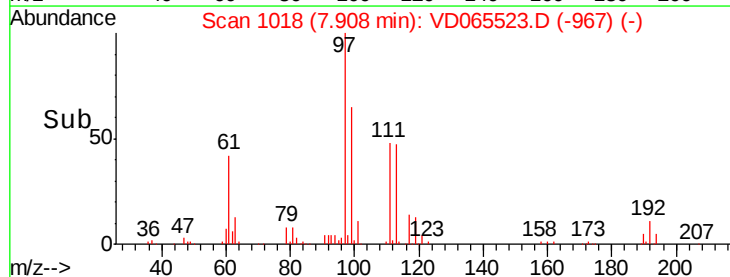
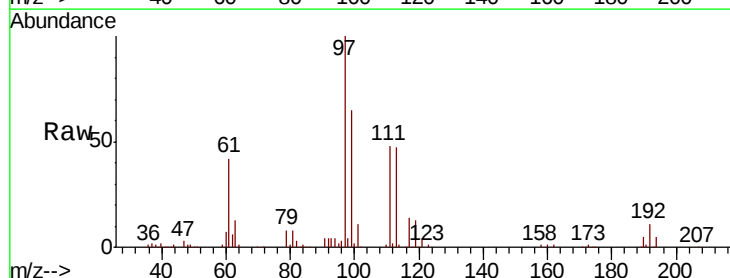
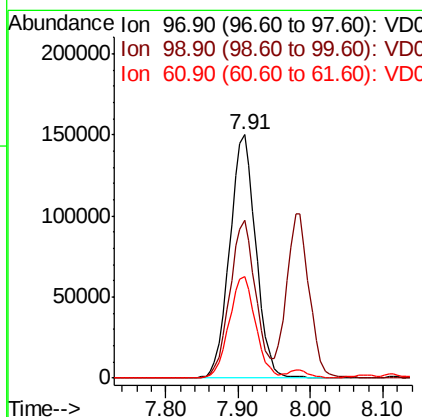
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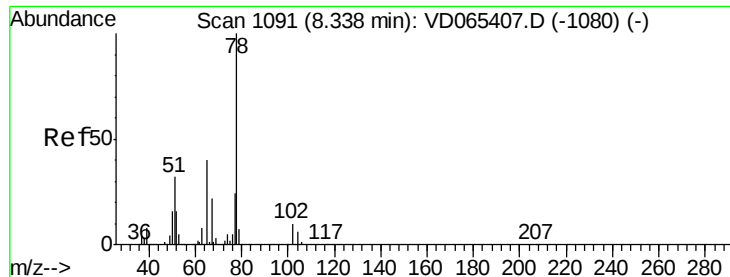
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#32
1,1,1-Trichloroethane
Concen: 54.667 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	41.8	33.2	49.8





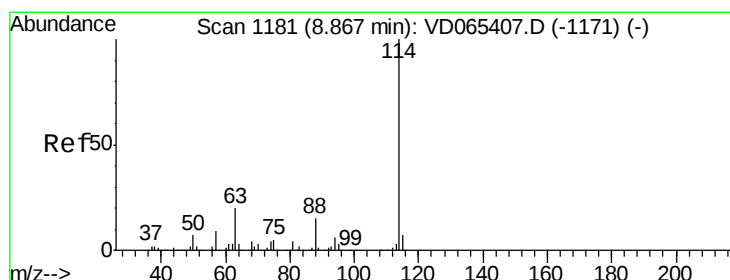
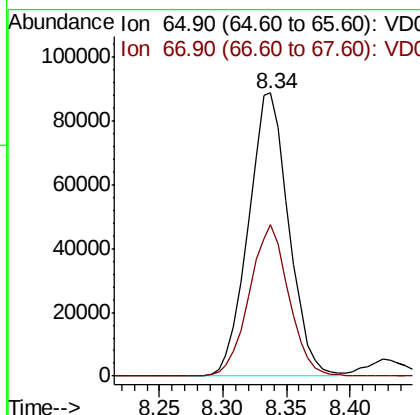
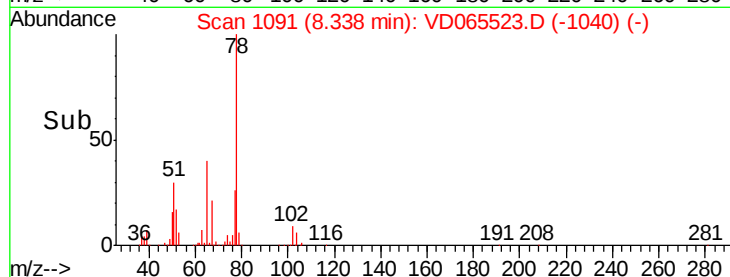
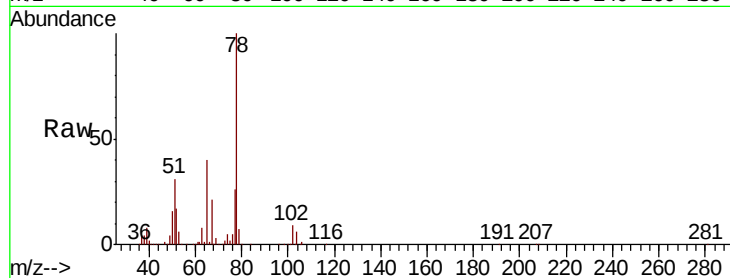
#33
 1,2-Dichloroethane-d4
 Concen: 52.523 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	108.0

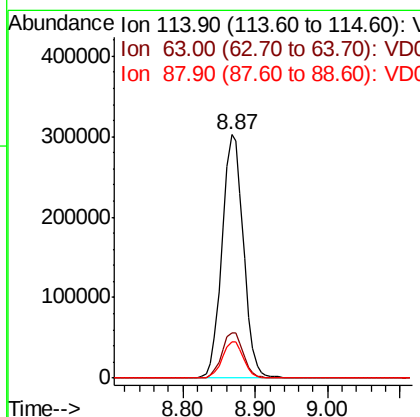
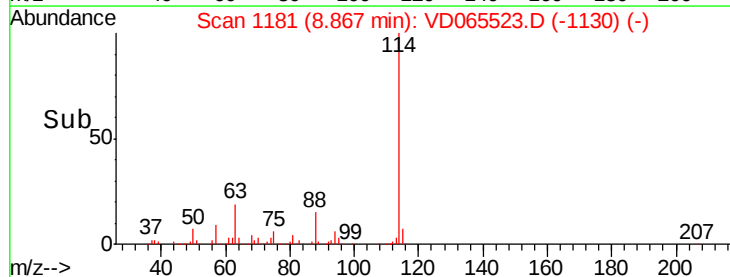
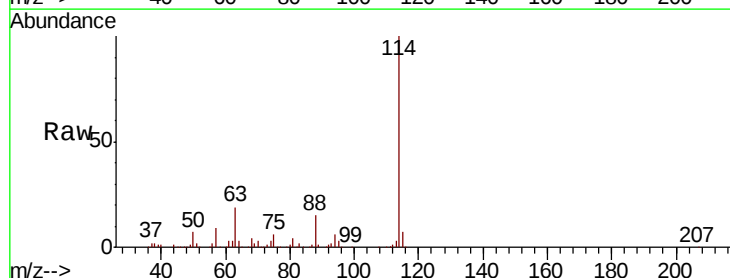
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.6
88	14.7	0.0	30.4





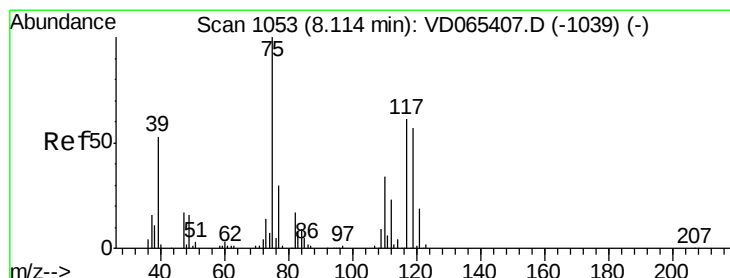
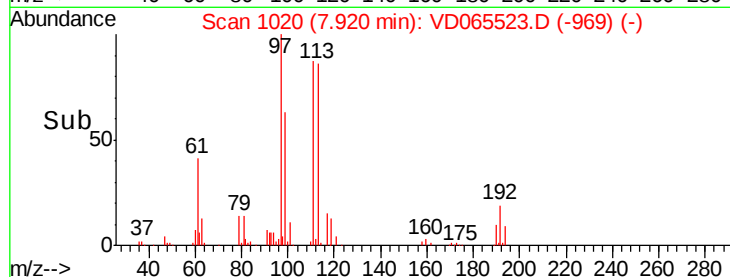
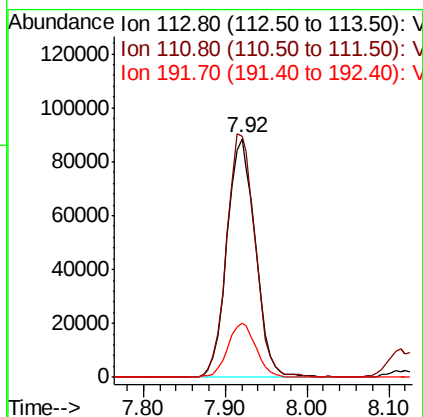
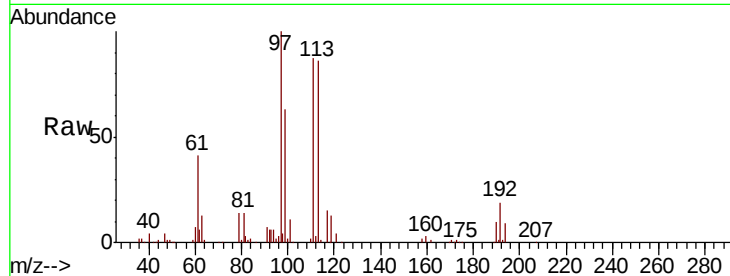
#35
Dibromofluoromethane
Concen: 55.887 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.4	17.2	25.8

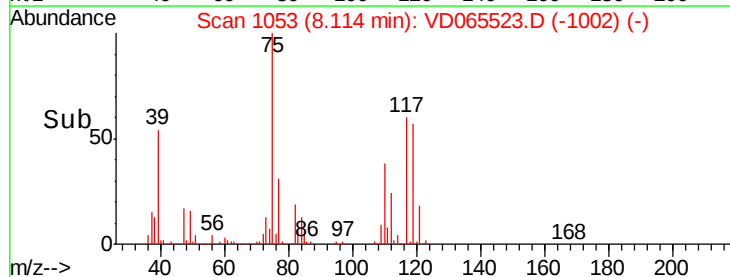
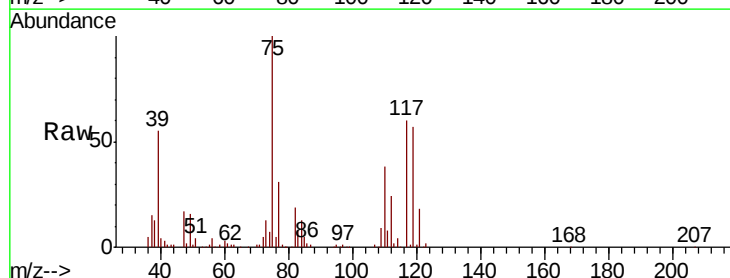
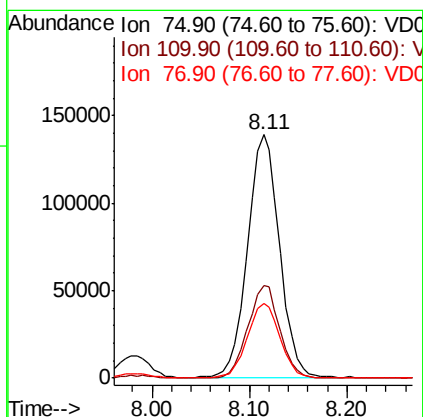
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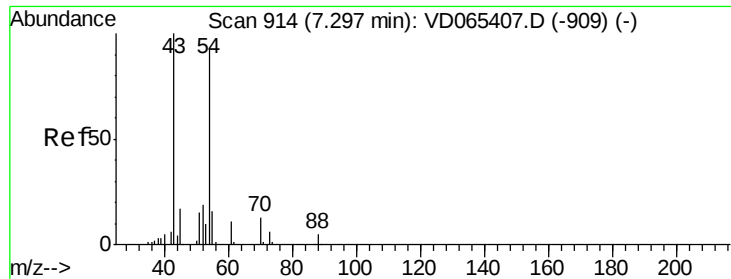
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#36
1,1-Dichloropropene
Concen: 53.587 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.1	54.1
77	31.8	25.2	37.8





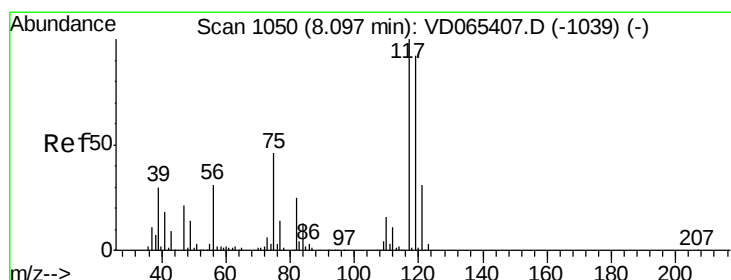
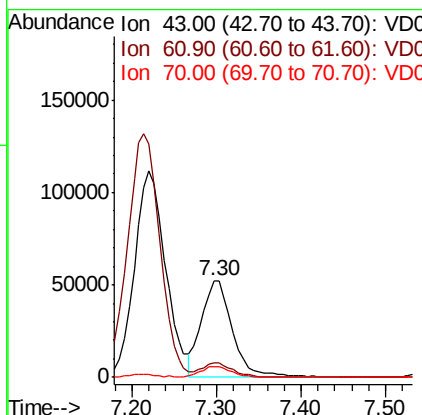
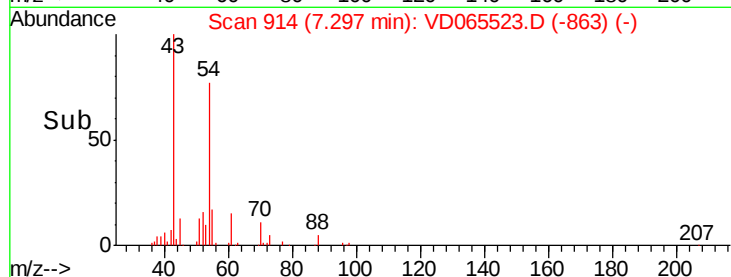
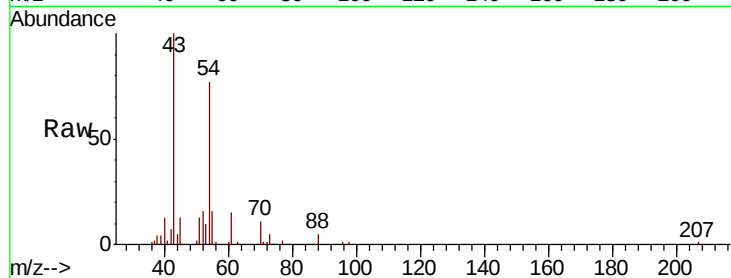
#37
Ethyl Acetate
Concen: 57.282 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.4	17.0
70	10.9	9.0	13.4

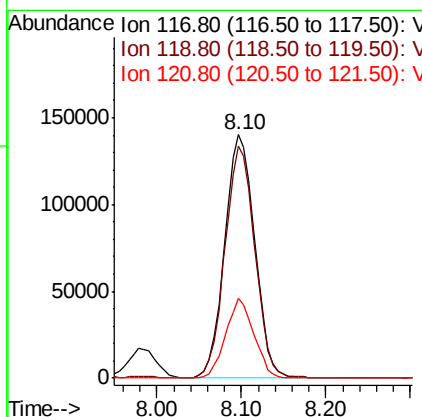
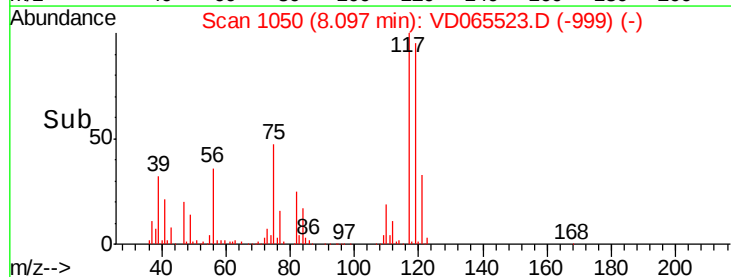
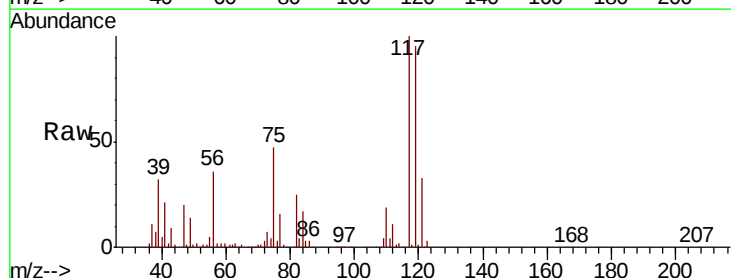
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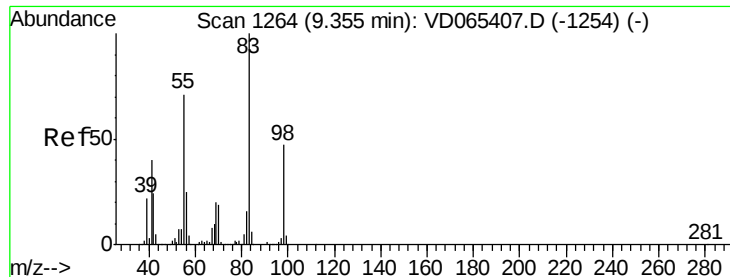
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#38
Carbon Tetrachloride
Concen: 55.551 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.3	109.9
121	33.0	25.0	37.4





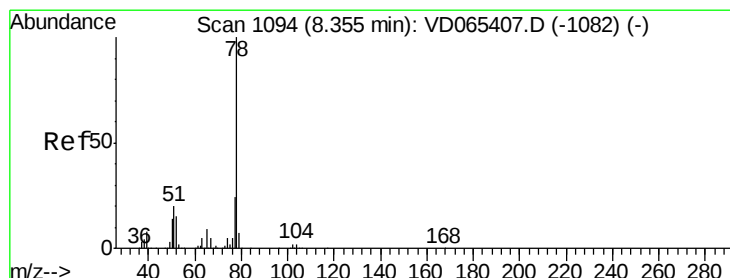
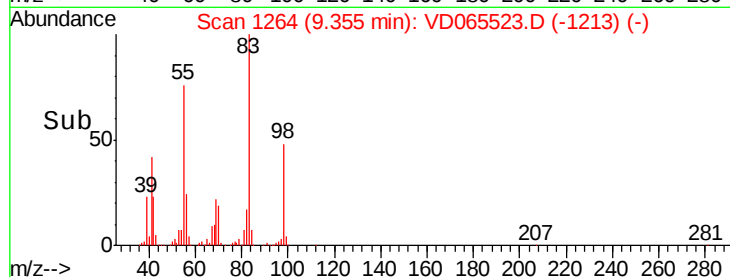
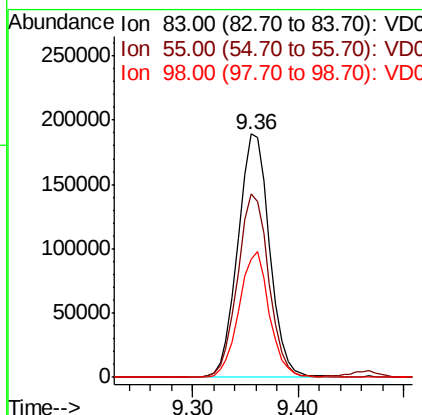
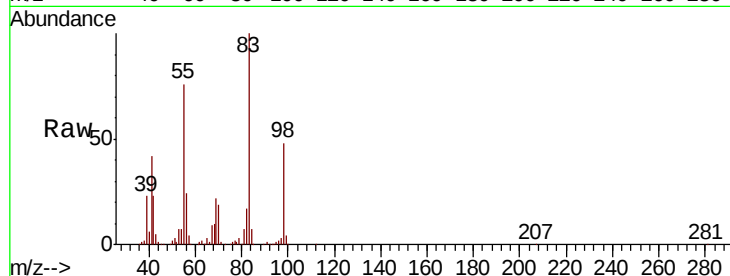
#39
Methvlcvclohexane
Concen: 54.783 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	57.1	85.7
98	48.4	37.8	56.8

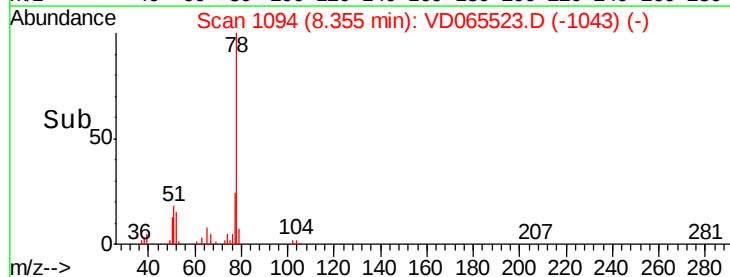
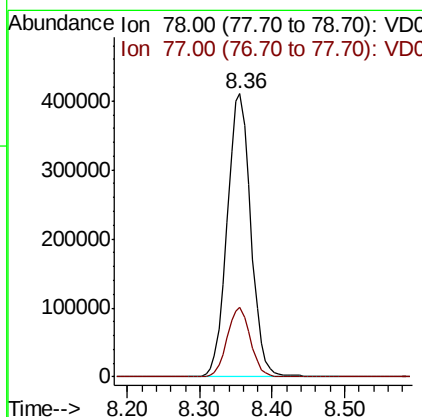
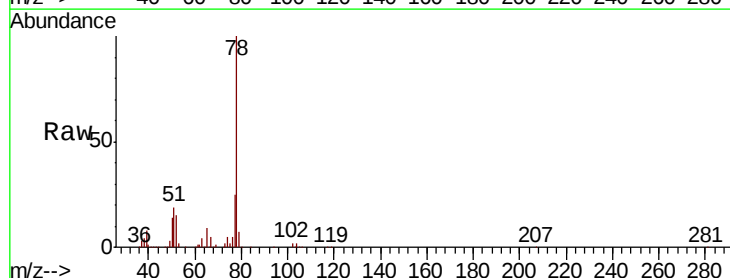
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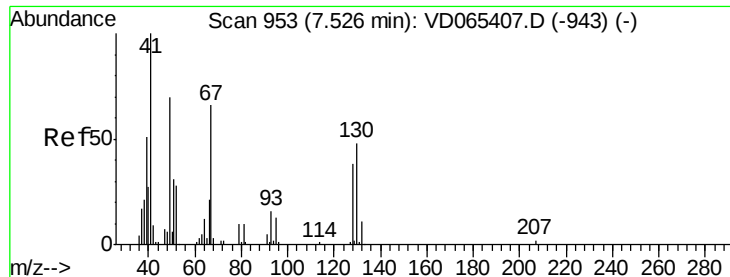
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#40
Benzene
Concen: 55.838 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





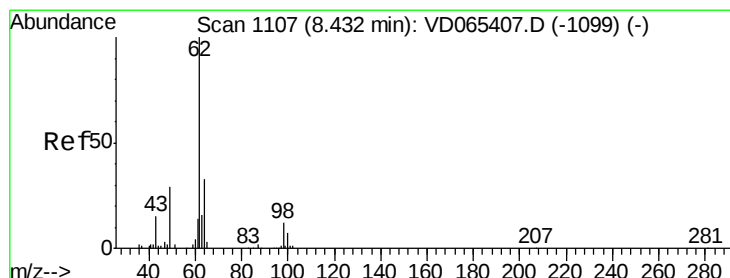
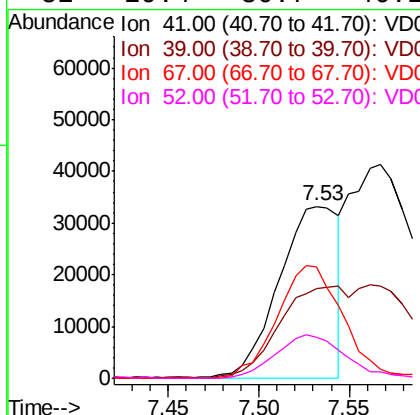
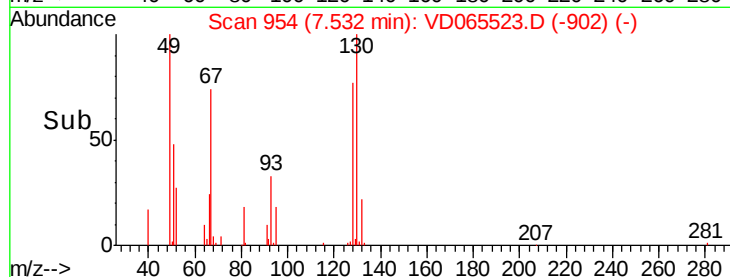
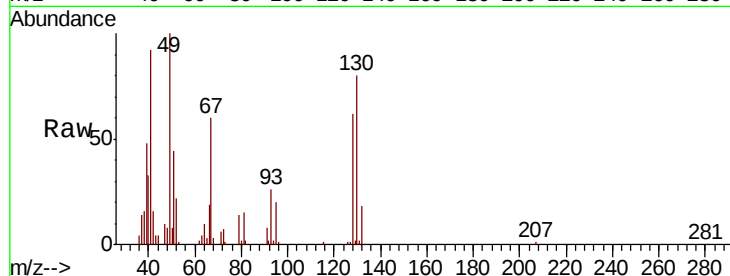
#41
Methacrylonitrile
Concen: 62.936 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.0	55.0	82.6
67	72.7	70.3	105.5
52	29.4	30.7	46.1#

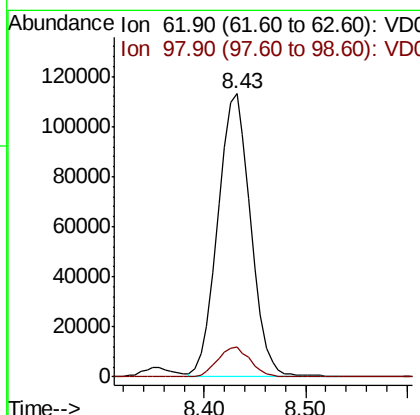
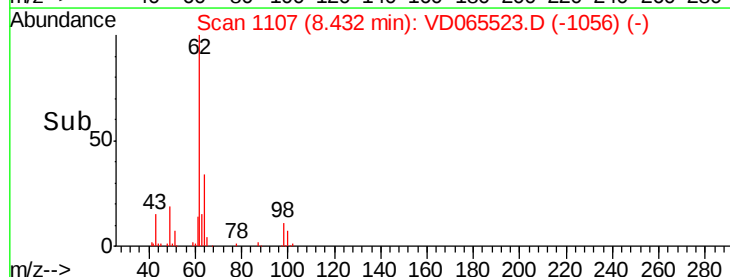
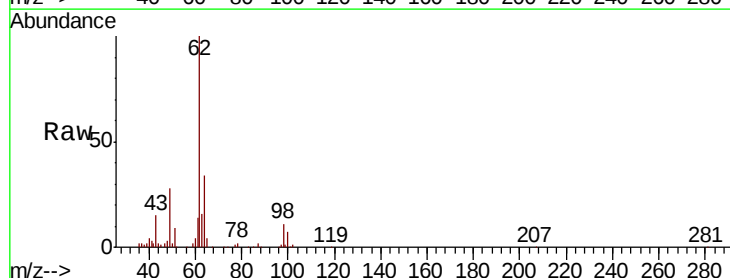
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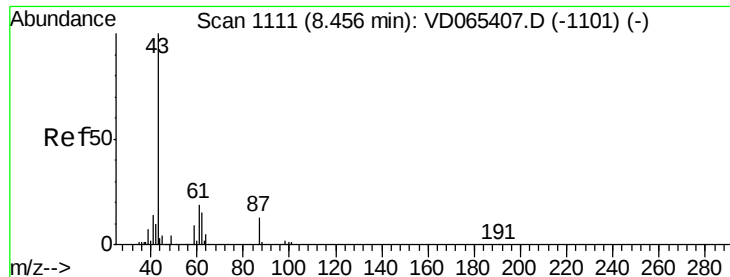
apatel
3/25/2020 10:40:09 AM



#42
1,2-Dichloroethane
Concen: 58.515 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4





#43

Isopropyl Acetate

Concen: 56.738 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

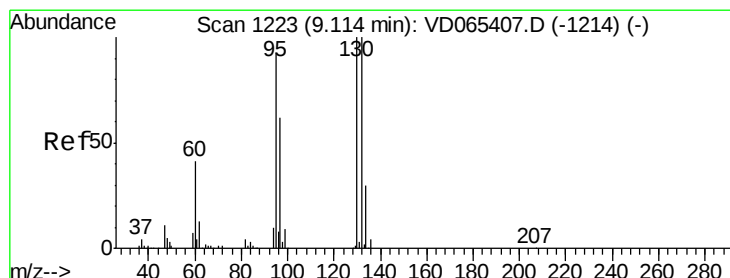
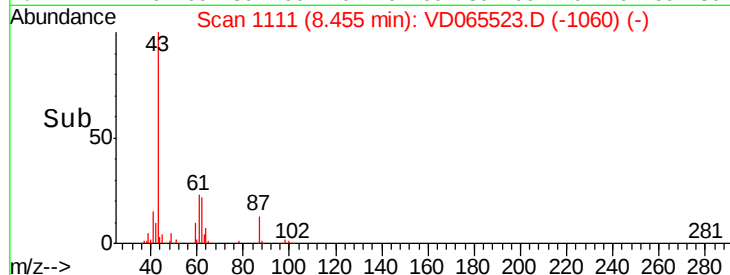
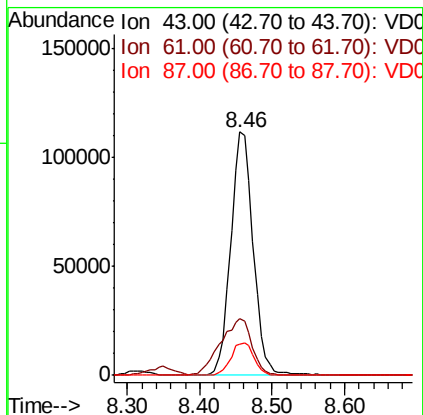
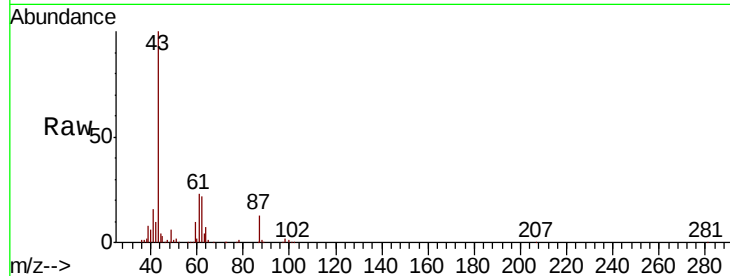
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	241185
Ion	Ratio	Lower	Upper
43	100		
61	32.5	25.0	37.6
87	13.8	11.0	16.4

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#44

Trichloroethene

Concen: 56.325 ug/l

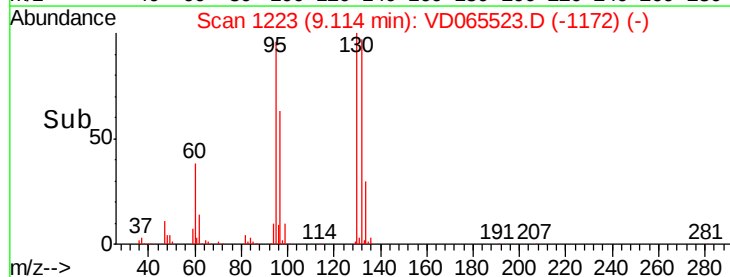
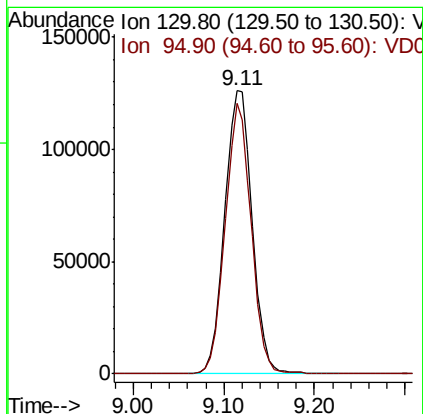
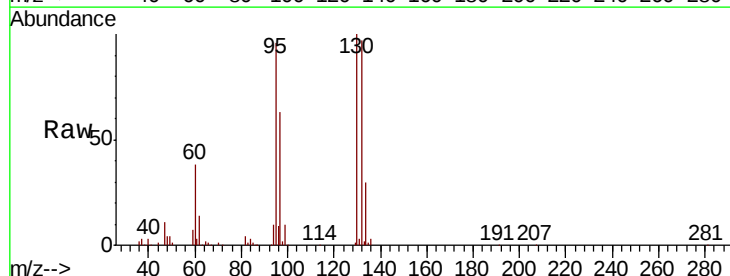
RT: 9.11 min Scan# 1223

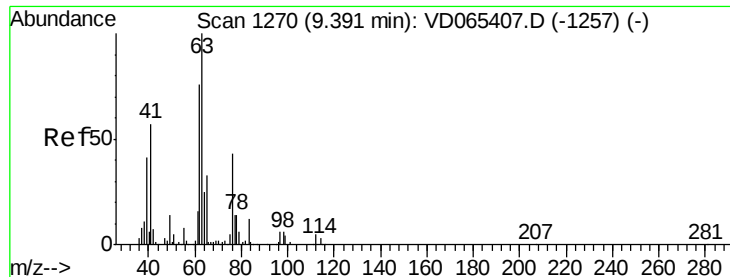
Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	130	Resp:	264898
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	186.0





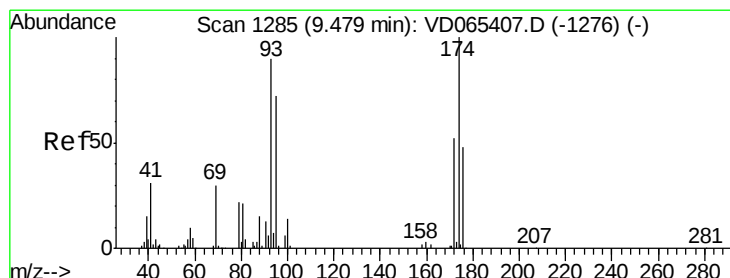
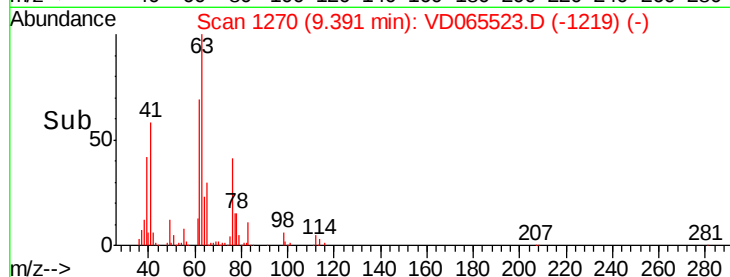
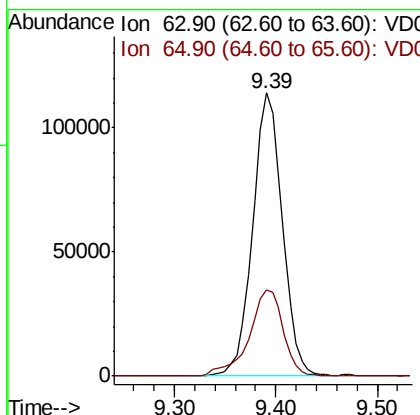
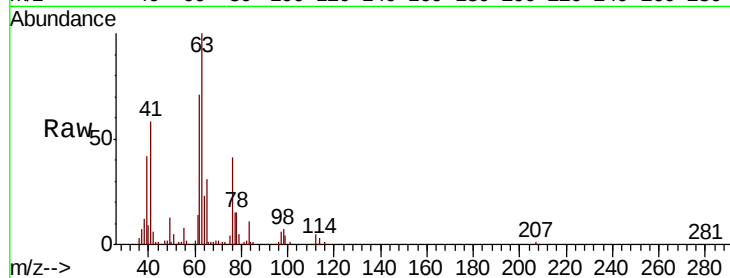
#45
 1,2-Dichloropropane
 Concen: 57.551 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	26.4	39.6

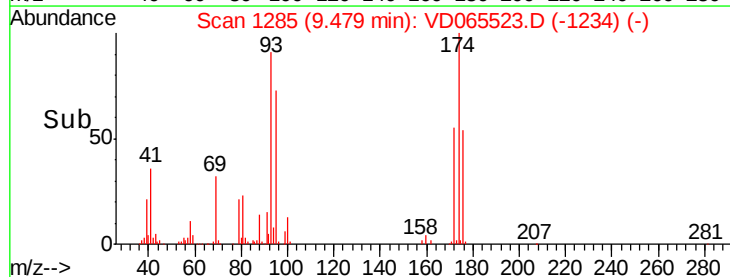
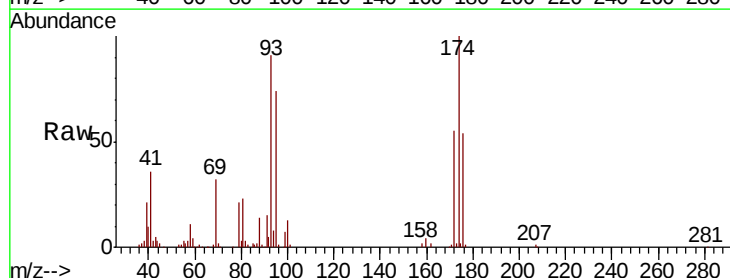
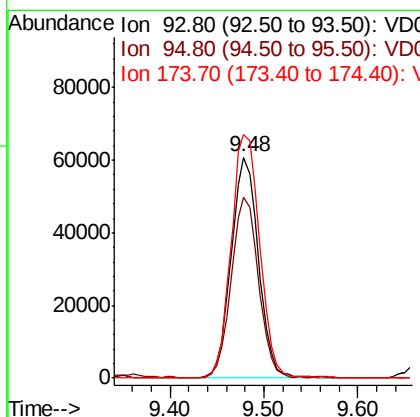
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#46
 Dibromomethane
 Concen: 58.663 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.0	97.6
174	115.3	88.3	132.5





#47

Bromodichloromethane

Concen: 58.718 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

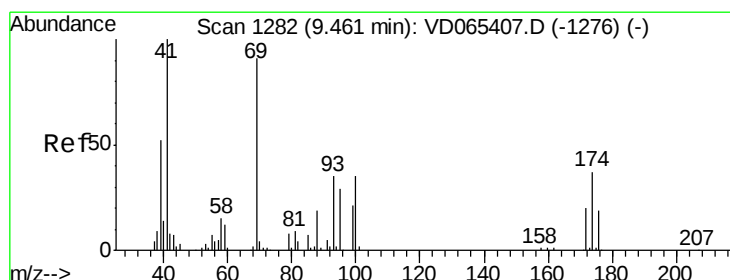
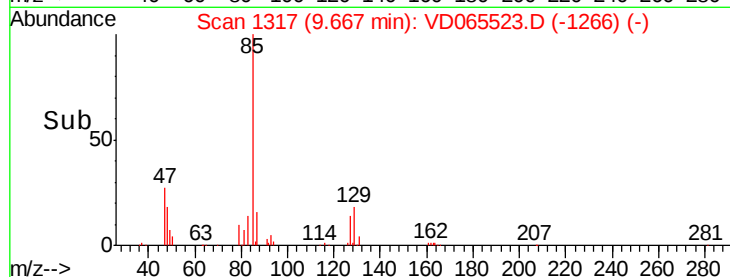
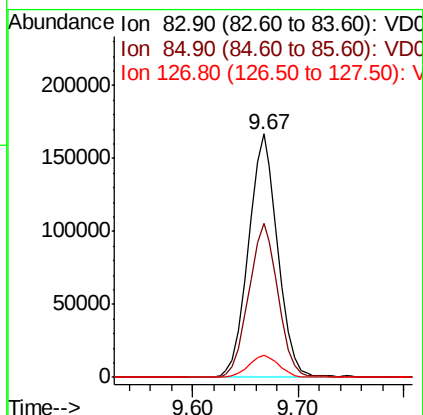
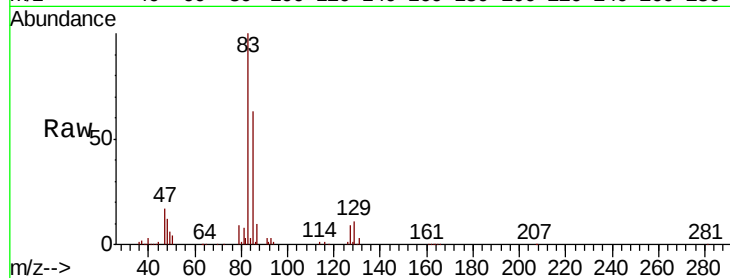
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	319643
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.8	79.2
127	8.9	8.0	12.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.028 ug/l

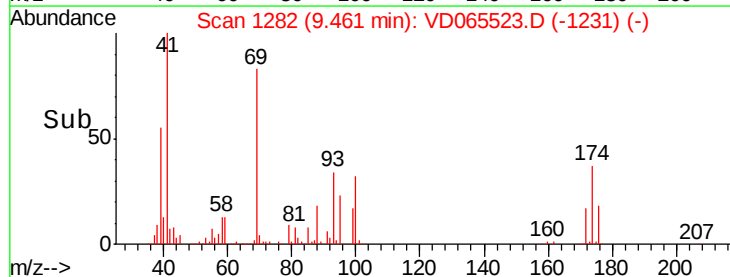
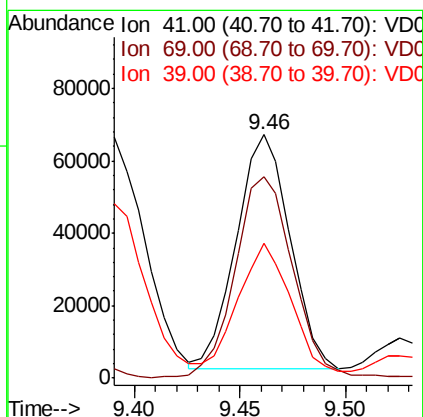
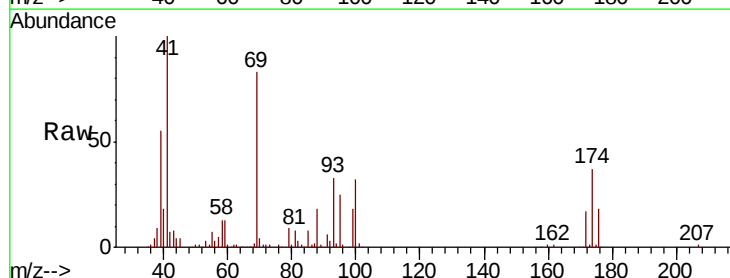
RT: 9.46 min Scan# 1282

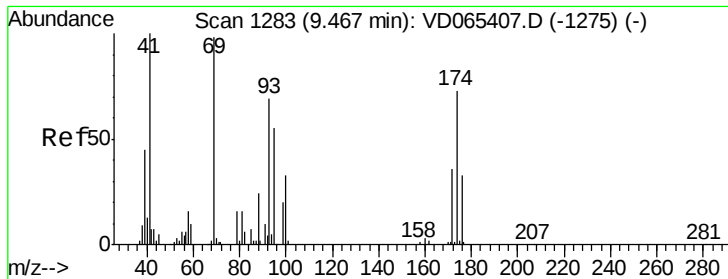
Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	41	Resp:	114031
Ion	Ratio	Lower	Upper
41	100		
69	93.8	72.5	108.7
39	53.2	41.6	62.4





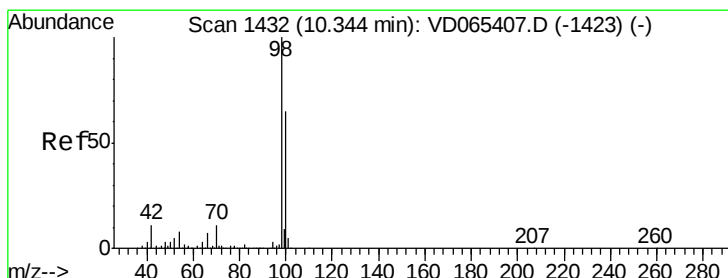
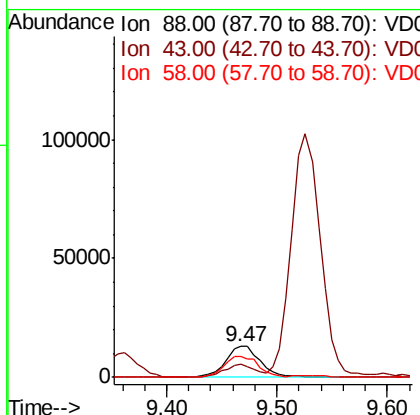
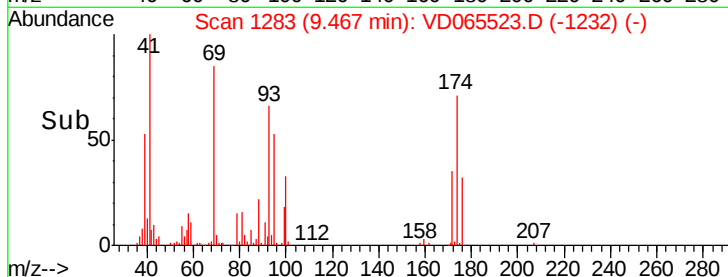
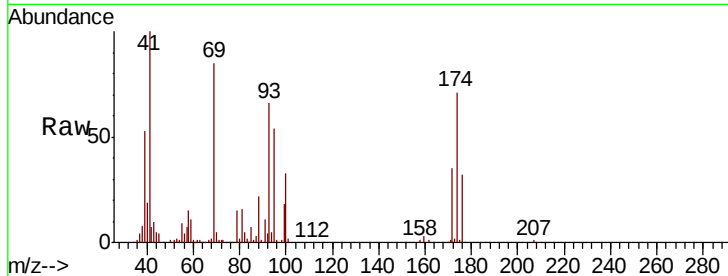
#49
1,4-Dioxane
Concen: 1189.393 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	24.5	36.7#
58	68.1	54.5	81.7

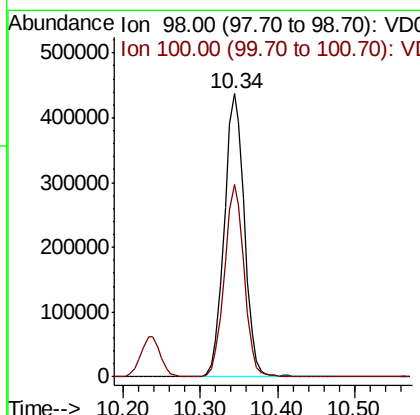
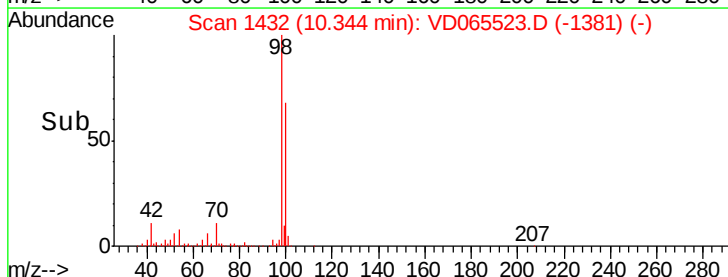
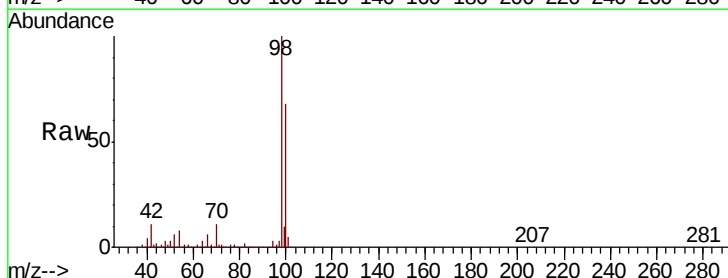
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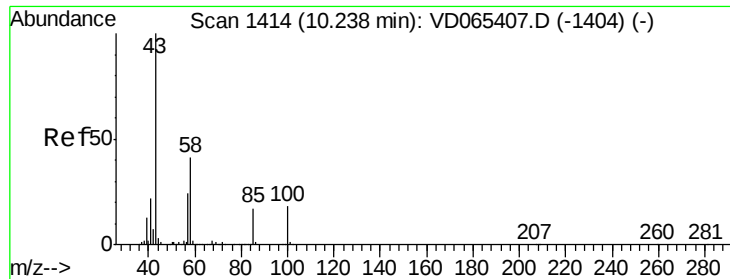
apatel
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#50
Toluene-d8
Concen: 53.965 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2





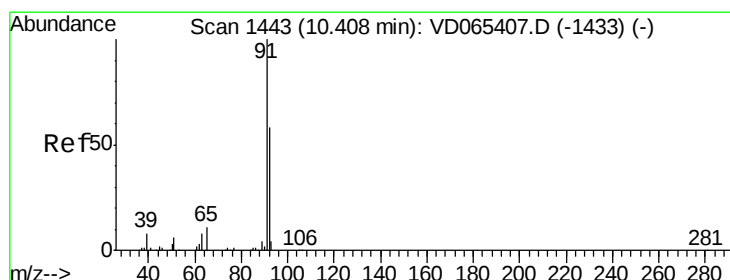
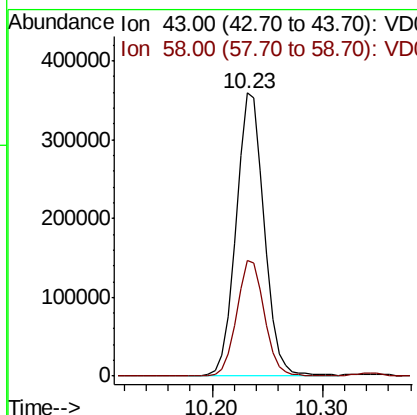
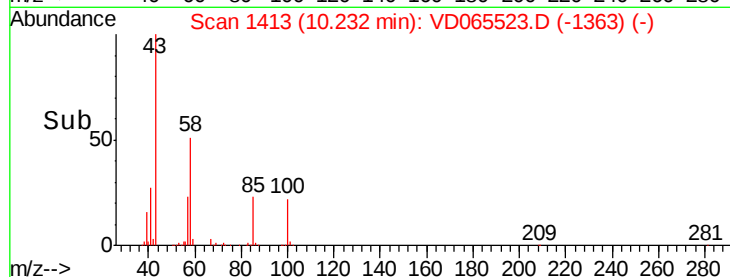
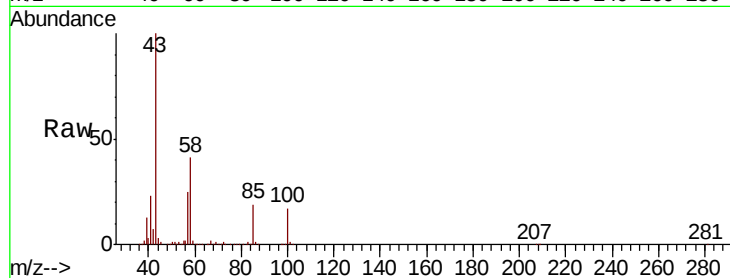
#51
4-Methyl-2-Pentanone
Concen: 300.693 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 643222
Ion Ratio Lower Upper
43 100
58 40.3 31.8 47.6

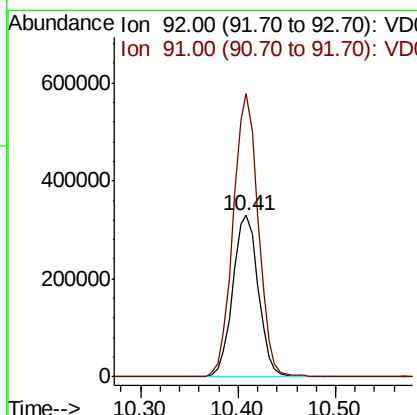
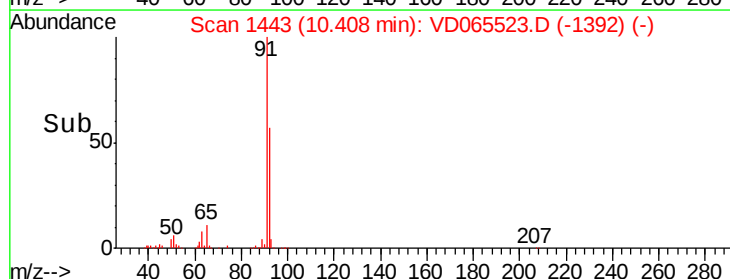
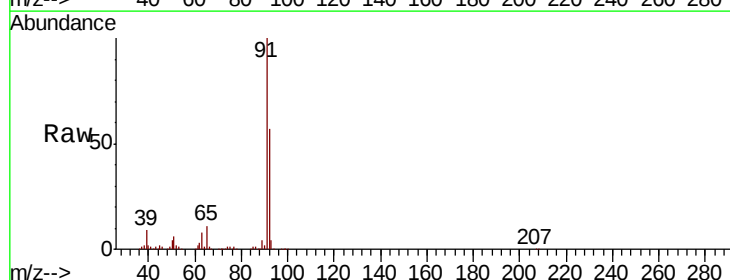
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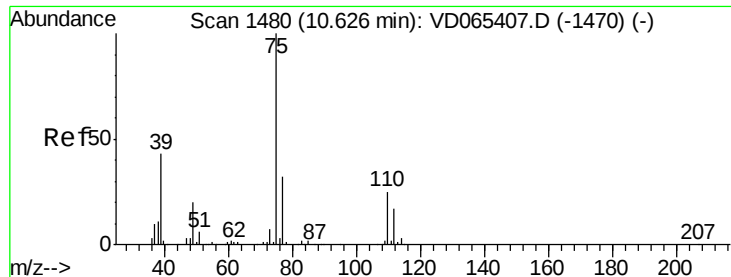
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#52
Toluene
Concen: 57.275 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion: 92 Resp: 600887
Ion Ratio Lower Upper
92 100
91 172.4 137.8 206.8





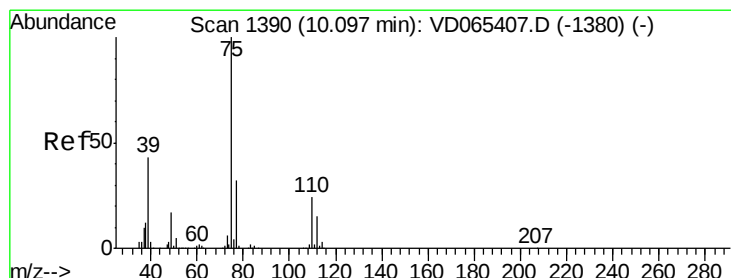
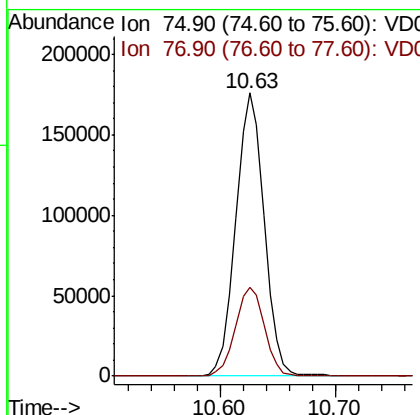
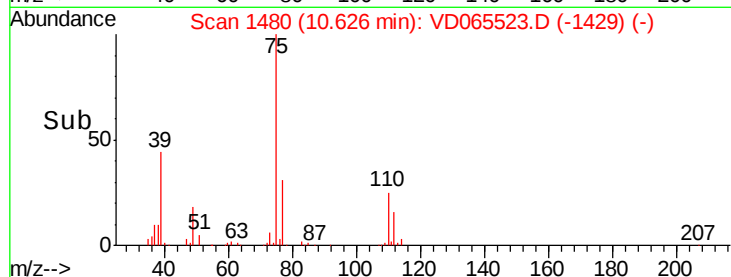
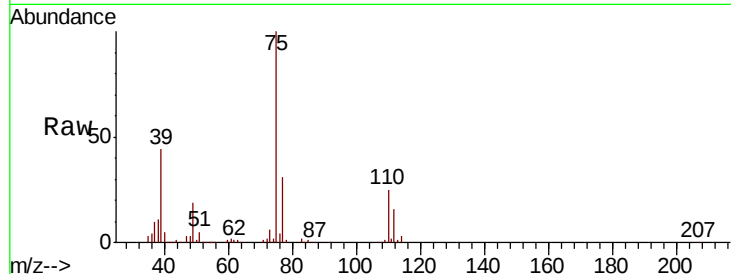
#53
 t-1,3-Dichloropropene
 Concen: 58.922 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 299747
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

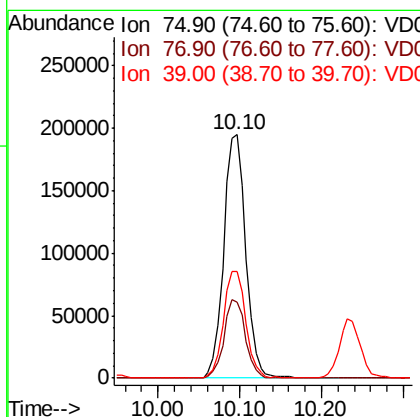
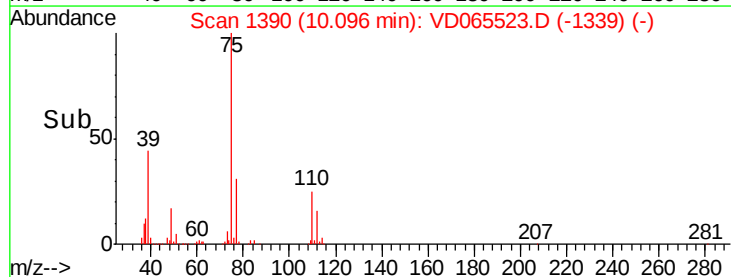
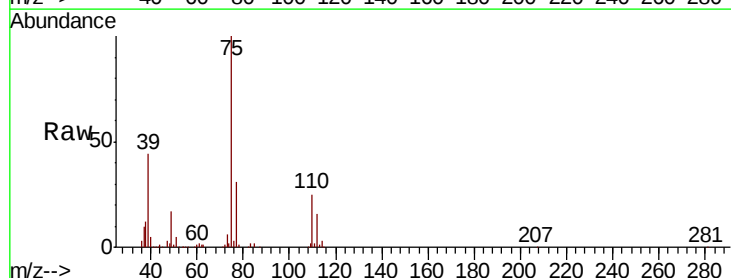
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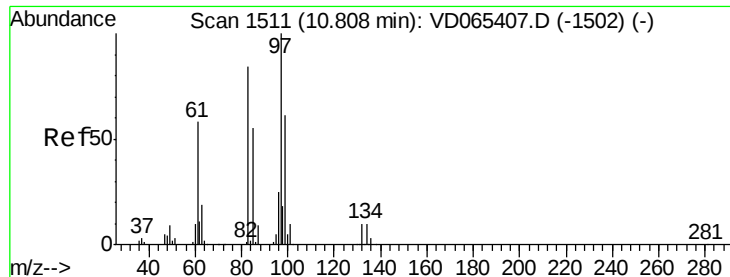
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#54
 cis-1,3-Dichloropropene
 Concen: 59.245 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion: 75 Resp: 364814
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 44.0 34.6 52.0





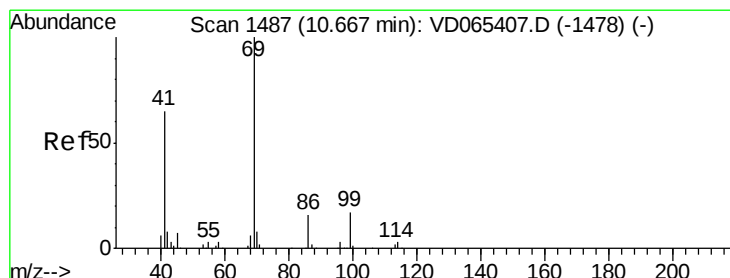
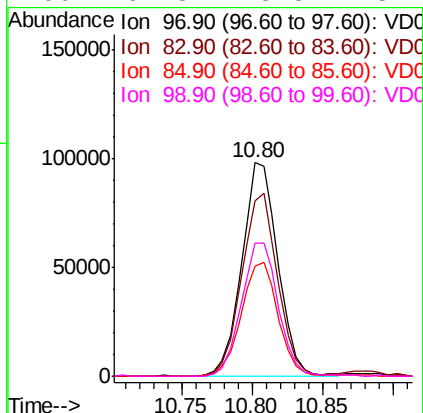
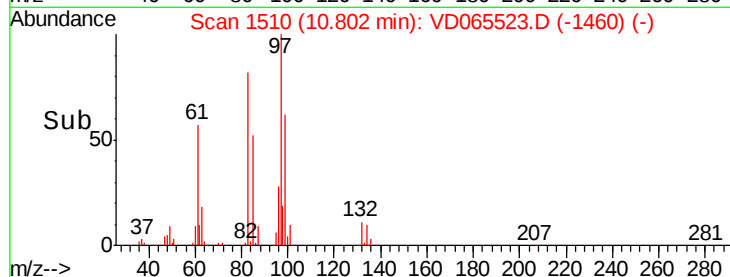
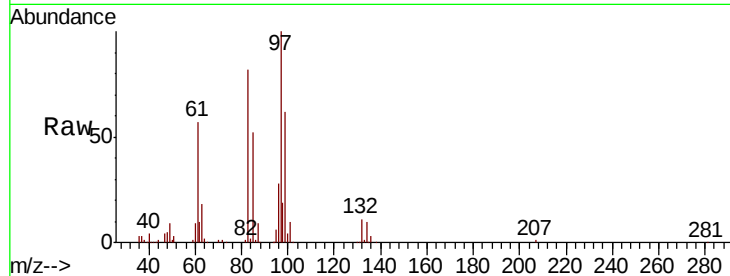
#55
 1,1,2-Trichloroethane
 Concen: 58.975 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	174780
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	51.8	43.8	65.8
99	62.3	48.8	73.2

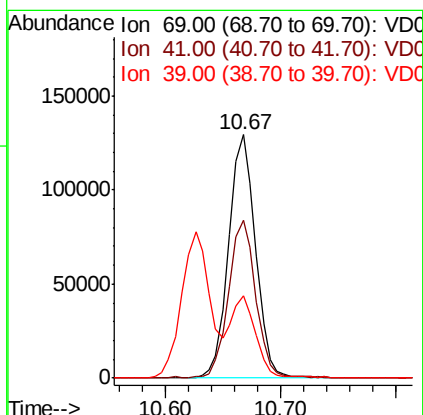
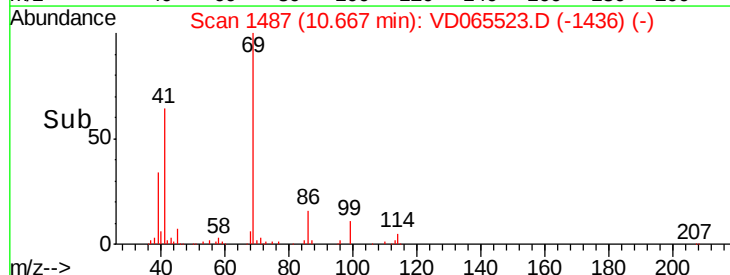
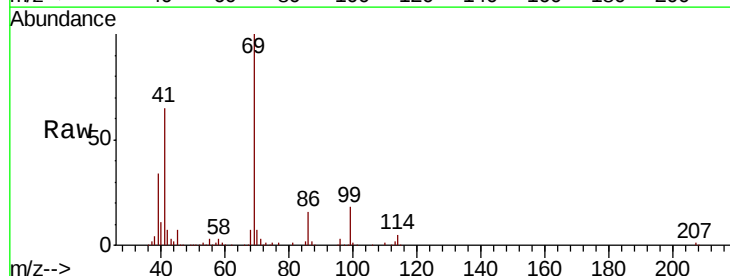
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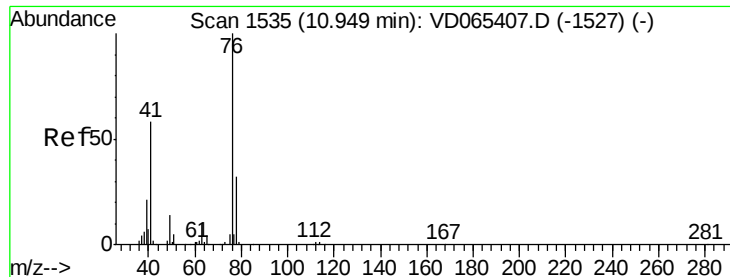
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#56
 Ethyl methacrylate
 Concen: 62.719 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion:	69	Resp:	209548
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.0	79.6
39	30.8	26.0	39.0





#57

1,3-Dichloropropane

Concen: 58.913 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 295418

Ion Ratio Lower Upper

76 100

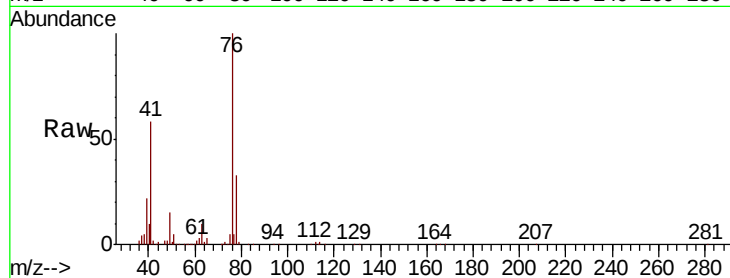
78 32.9 26.0 39.0

Manual Integrations

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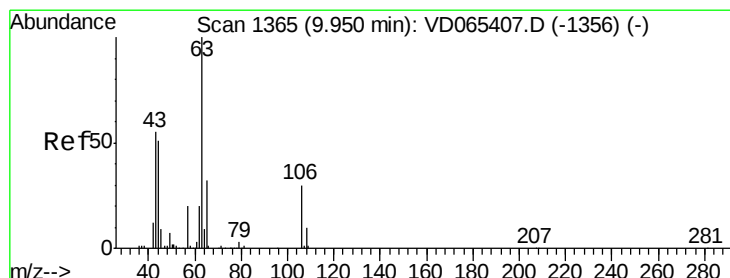
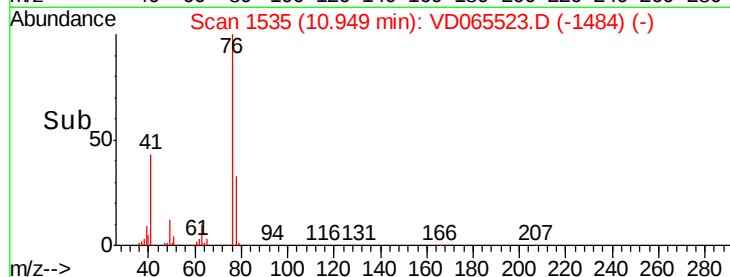
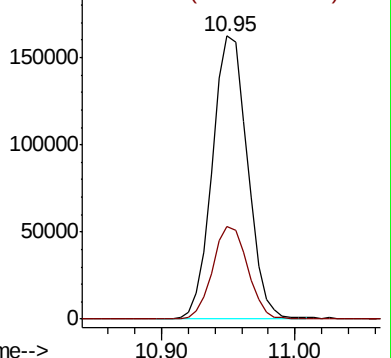
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 250.500 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065523.D

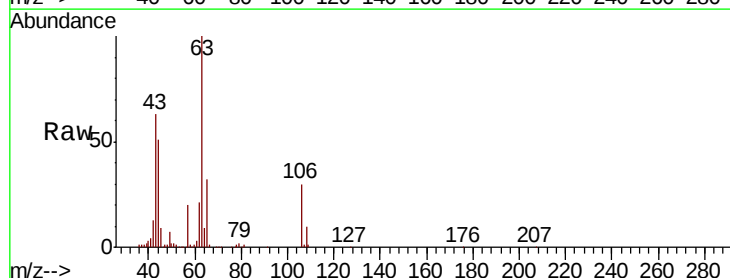
Acq: 24 Mar 2020 17:05

Tgt Ion: 63 Resp: 261583

Ion Ratio Lower Upper

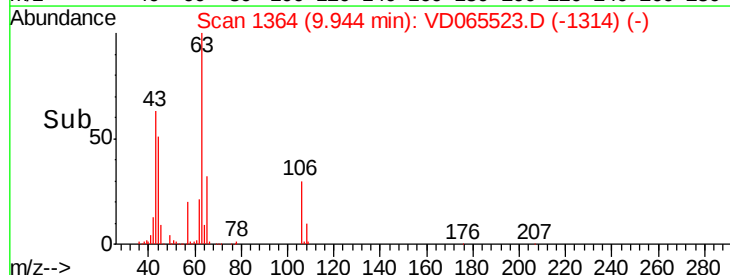
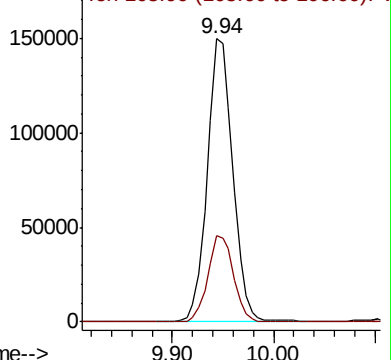
63 100

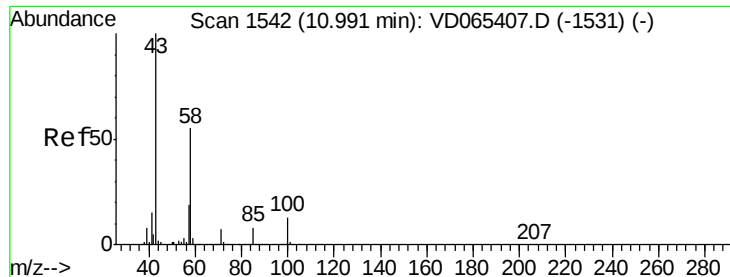
106 30.3 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





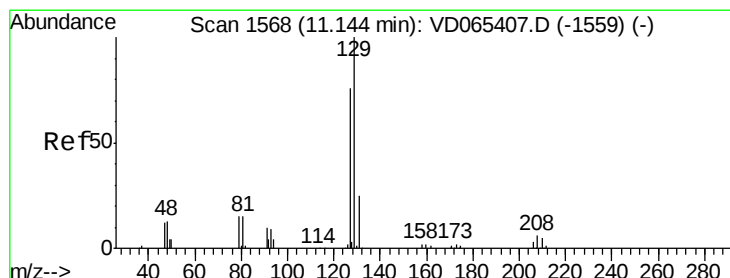
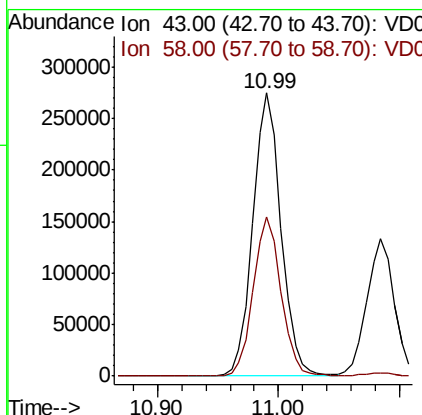
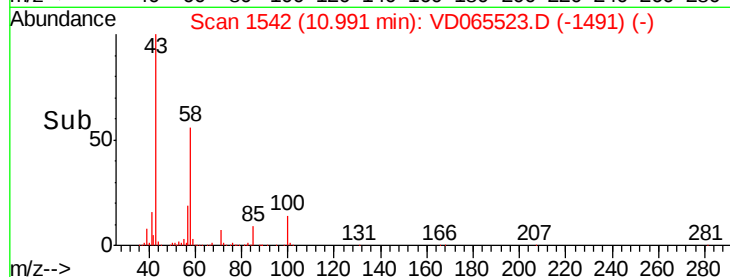
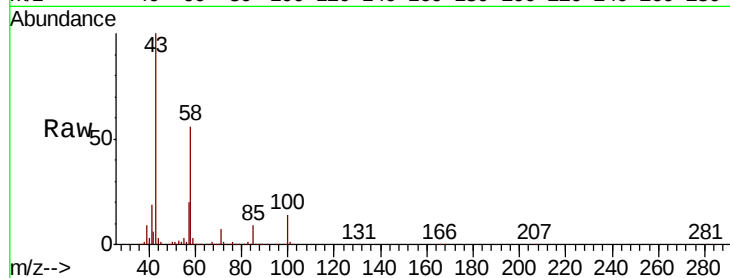
#59
2-Hexanone
Concen: 302.725 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 448273
Ion Ratio Lower Upper
43 100
58 55.5 27.4 82.2

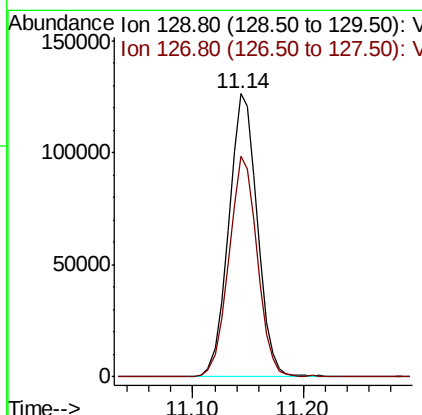
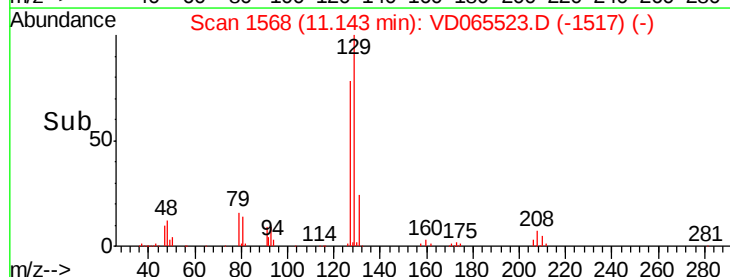
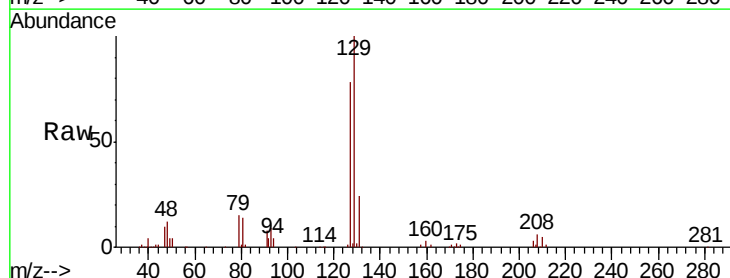
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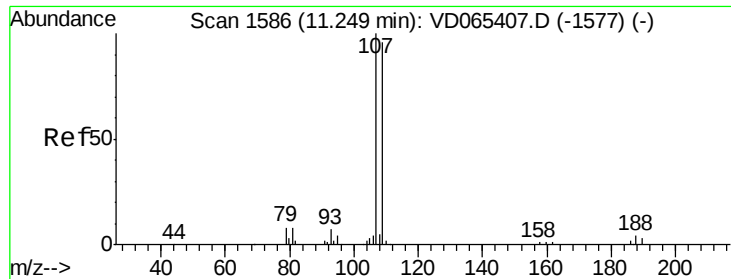
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#60
Dibromochloromethane
Concen: 60.599 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion: 129 Resp: 230210
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





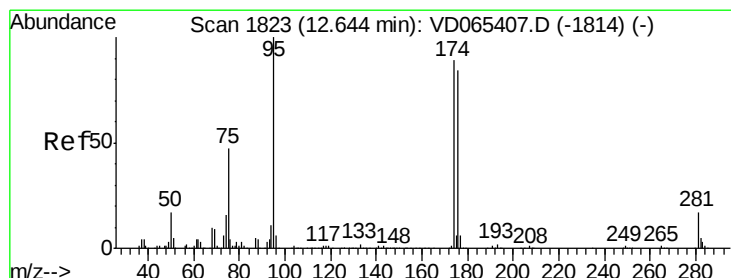
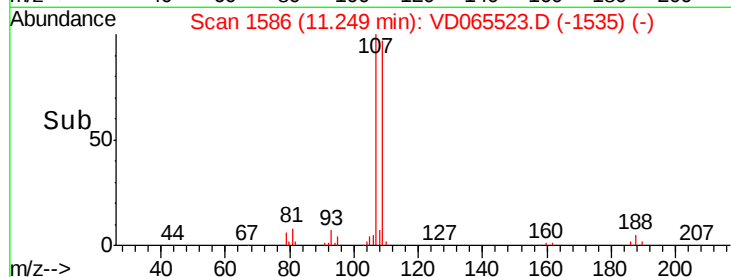
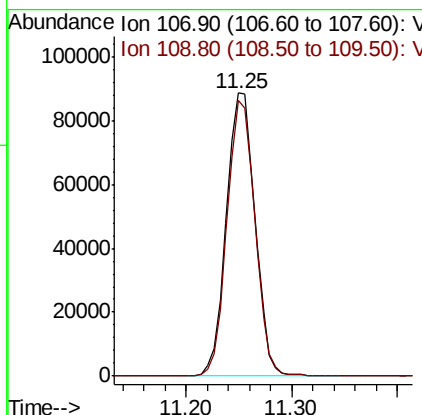
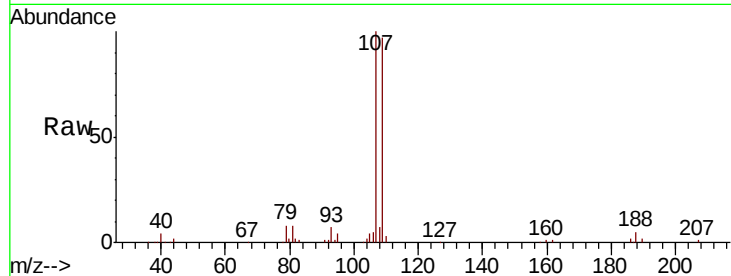
#61
 1,2-Dibromoethane
 Concen: 58.924 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.8	115.2

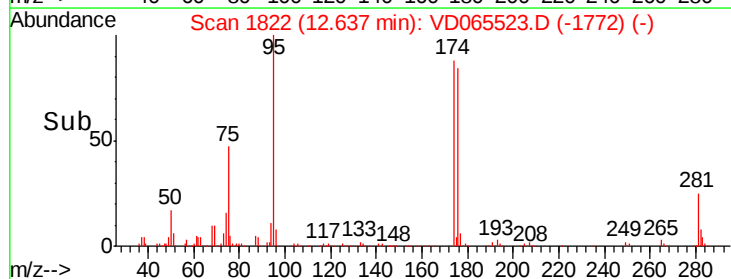
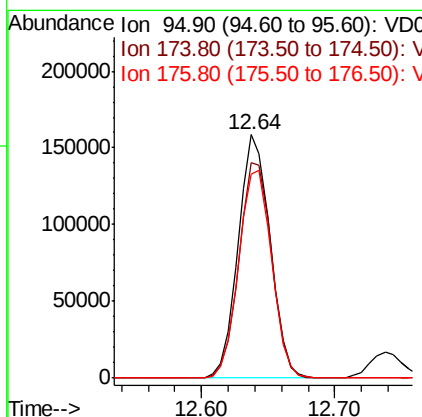
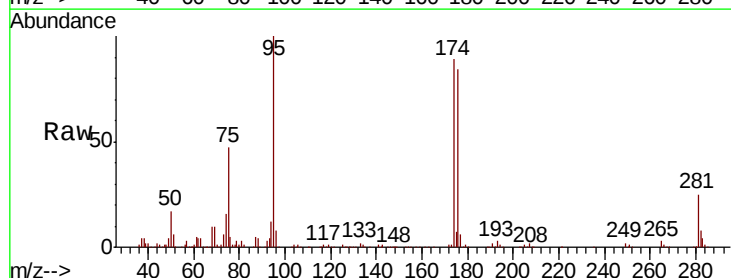
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#62
 4-Bromofluorobenzene
 Concen: 57.532 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	176.8
176	88.2	0.0	171.4





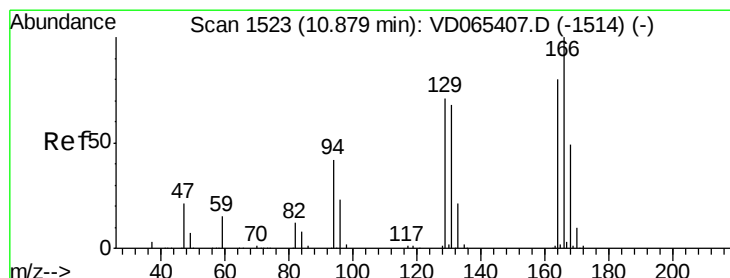
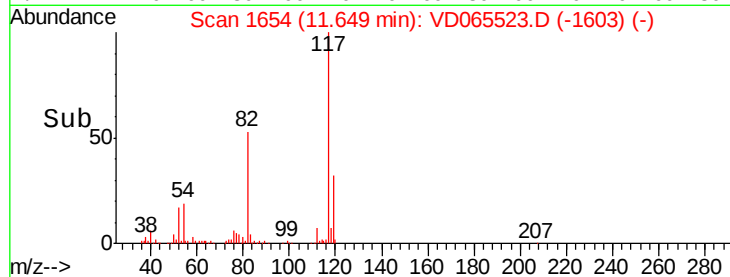
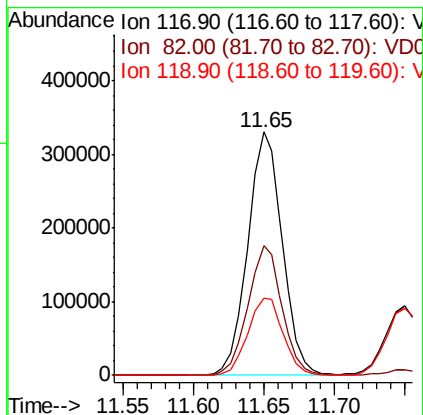
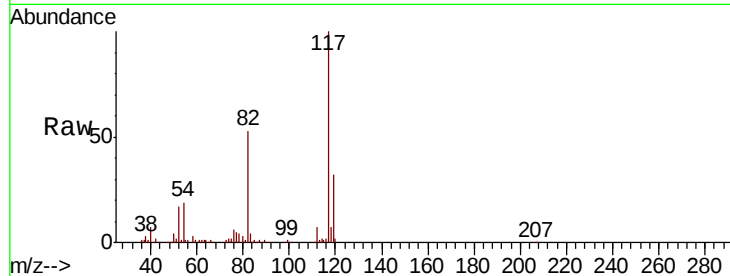
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.6	60.8
119	31.8	25.4	38.2

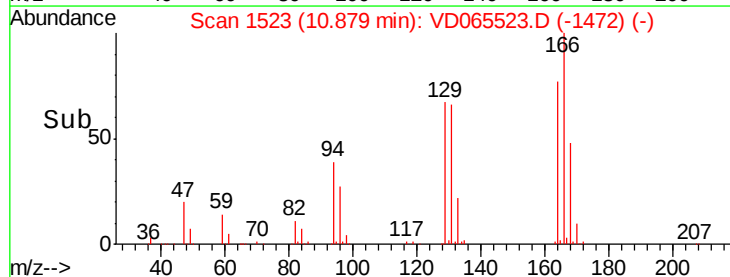
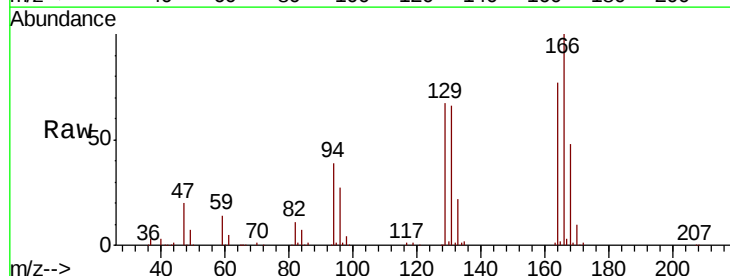
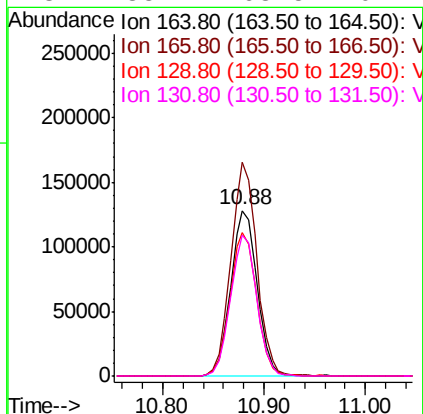
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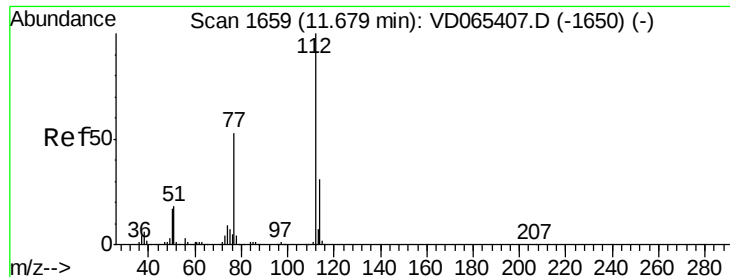
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#64
Tetrachloroethene
Concen: 56.904 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.5	150.7
129	86.7	71.5	107.3
131	85.1	68.5	102.7





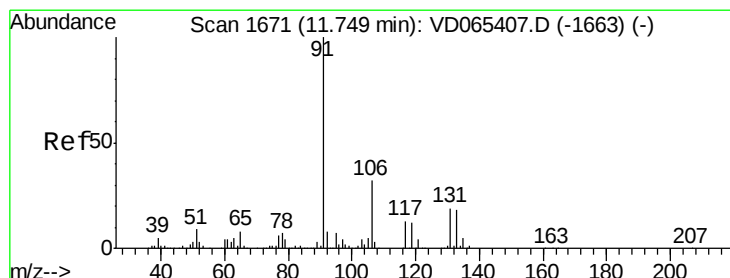
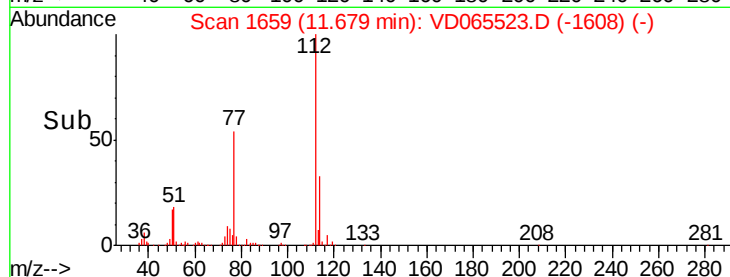
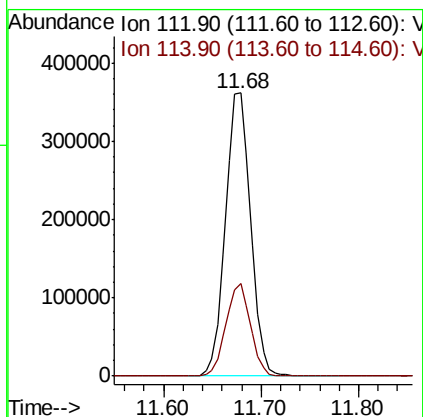
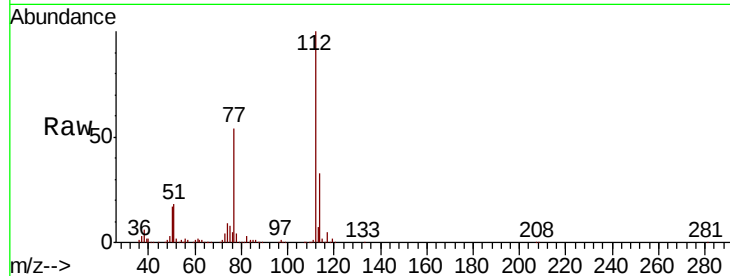
#65
Chlorobenzene
Concen: 57.598 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.4	36.6

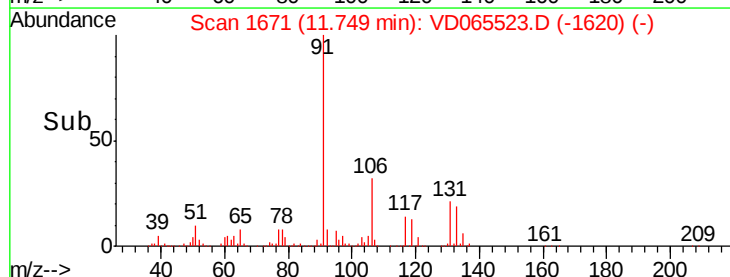
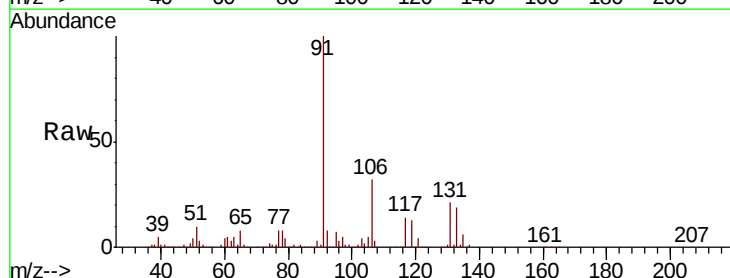
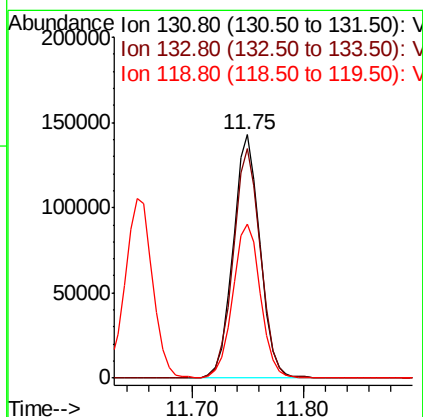
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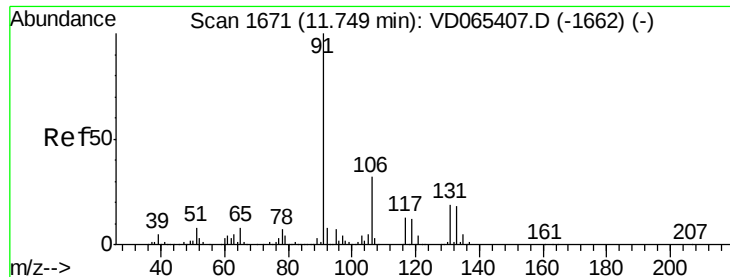
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.792 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	49.2	147.6
119	65.1	33.3	99.8





#67

Ethyl Benzene

Concen: 58.236 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 91 Resp: 1130433

Ion Ratio Lower Upper

91 100

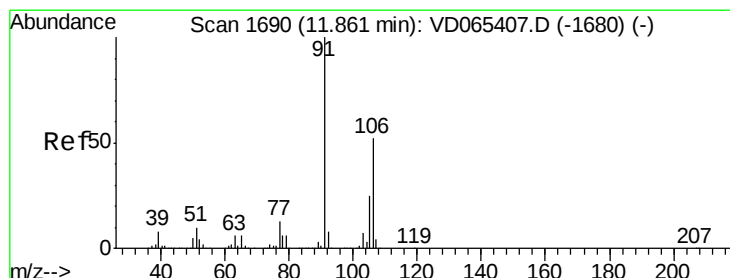
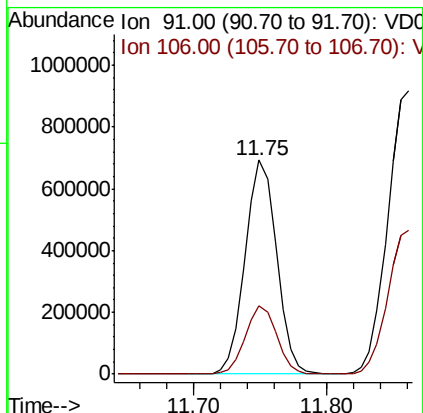
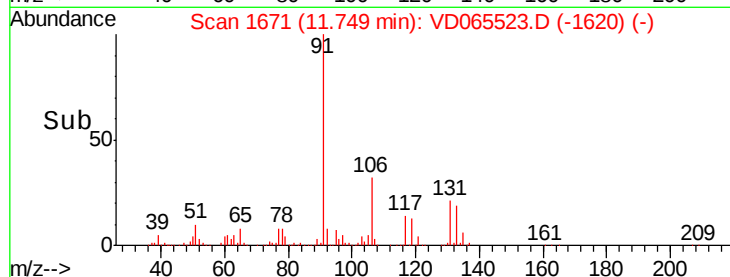
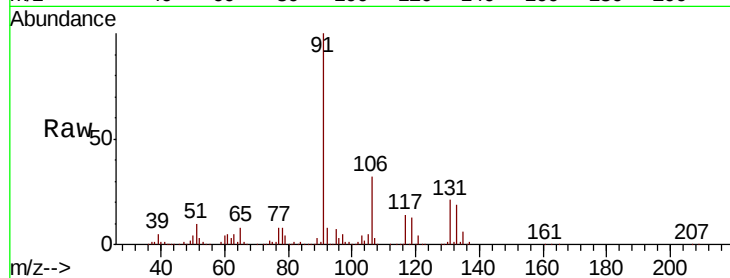
106 31.7 25.2 37.8

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#68

m/p-Xylenes

Concen: 118.514 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065523.D

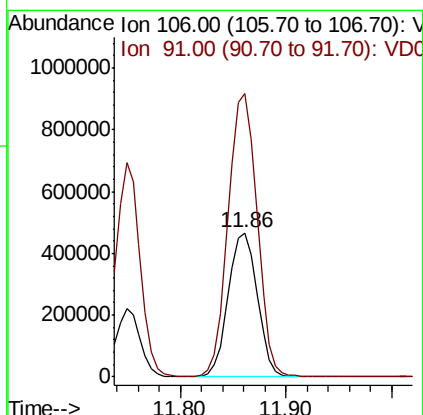
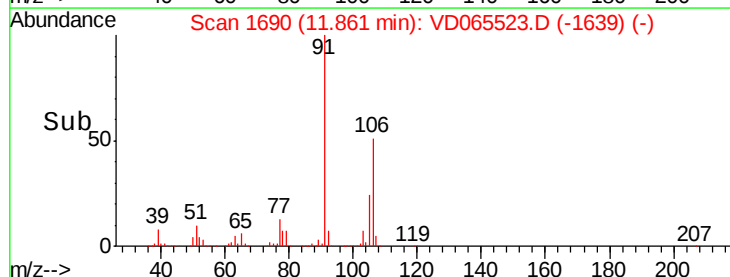
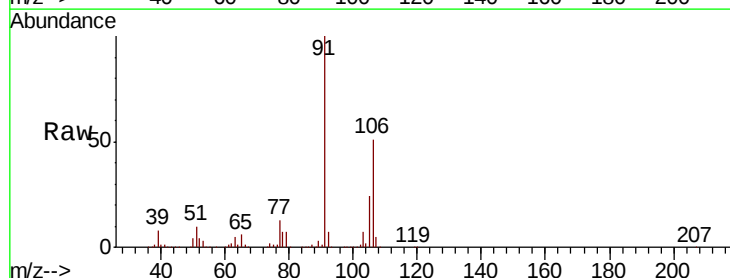
Acq: 24 Mar 2020 17:05

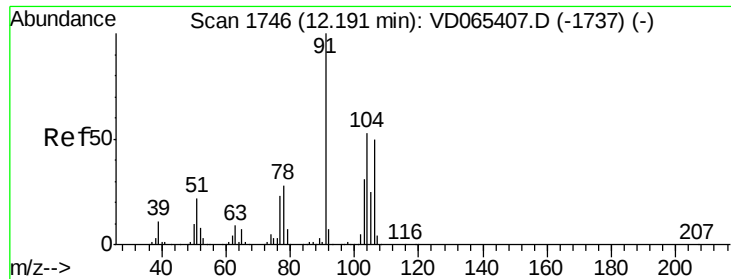
Tgt Ion: 106 Resp: 887038

Ion Ratio Lower Upper

106 100

91 196.1 155.9 233.9





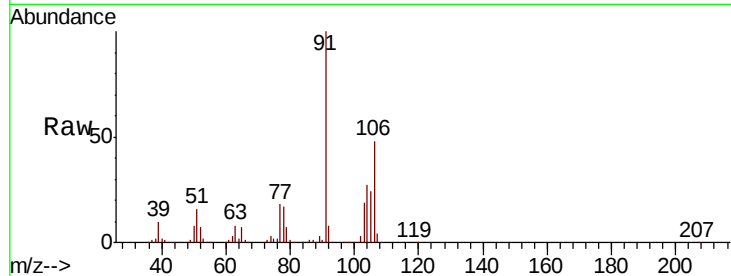
#69
o-Xylene
Concen: 60.491 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

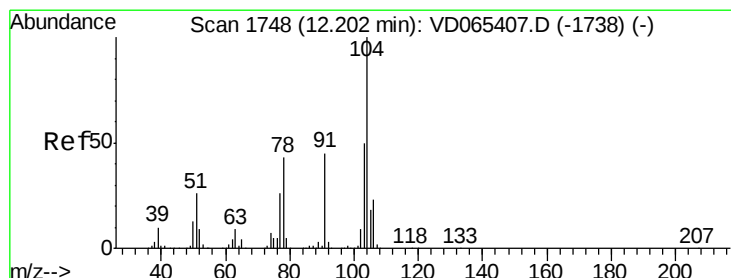
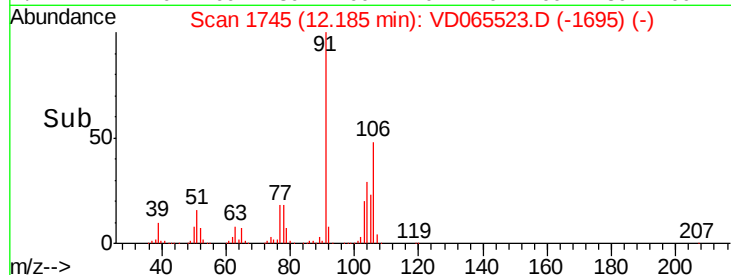
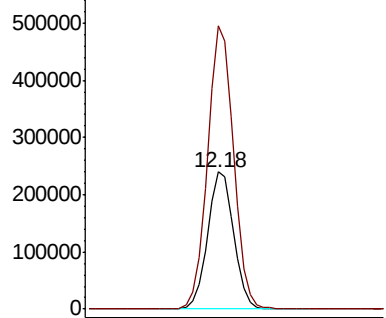
Tot Ion:106 Resp: 398263
Ion Ratio Lower Upper
106 100
91 205.7 103.5 310.3

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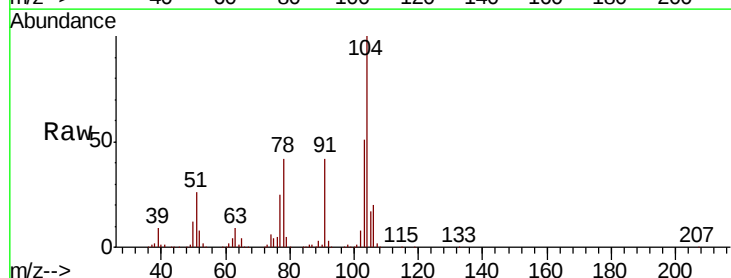


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

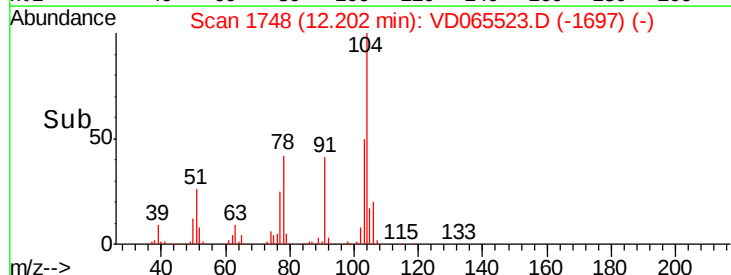
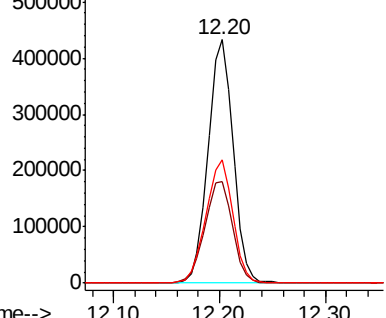


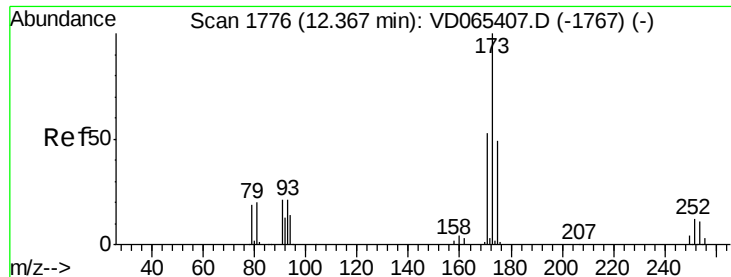
#70
Styrene
Concen: 61.260 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion:104 Resp: 709831
Ion Ratio Lower Upper
104 100
78 46.5 37.7 56.5
103 54.4 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 60.054 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

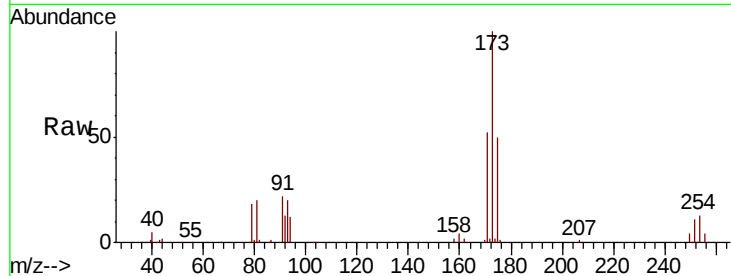
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.3	73.0
254	0.0	0.1	0.1#

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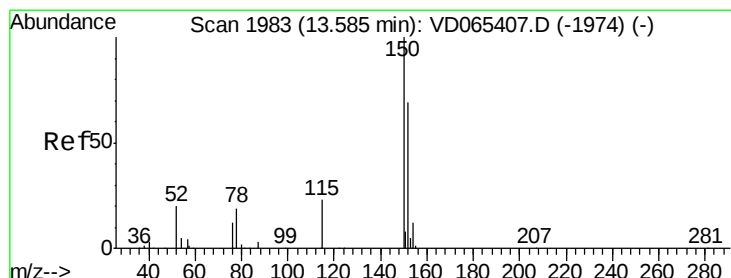
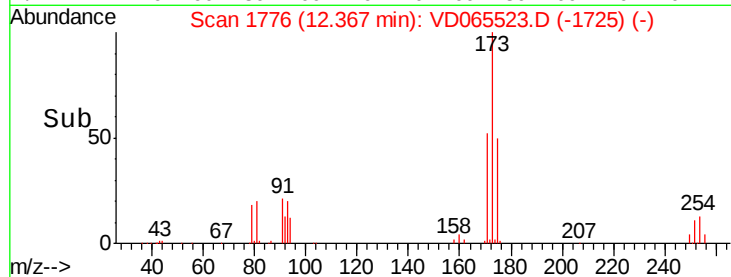
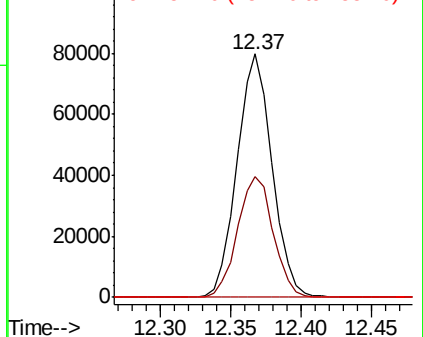


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

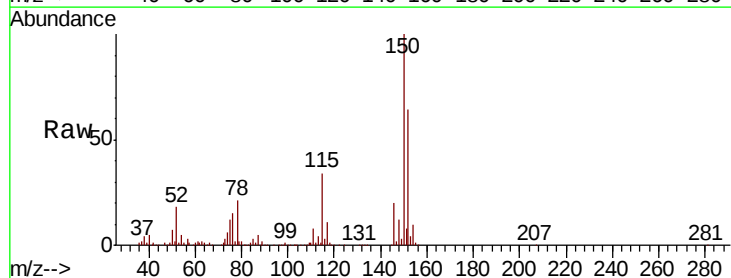
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.6	82.8
150	173.4	0.0	345.0

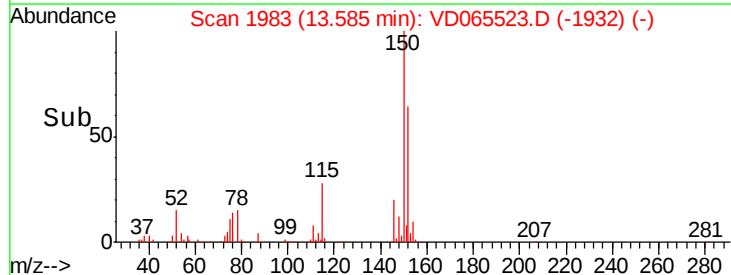
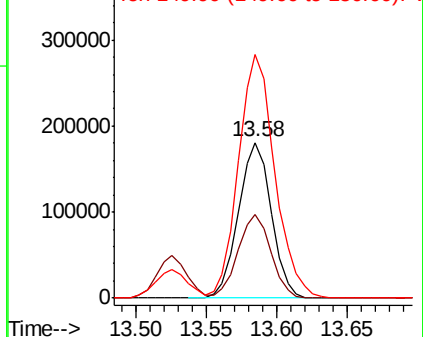


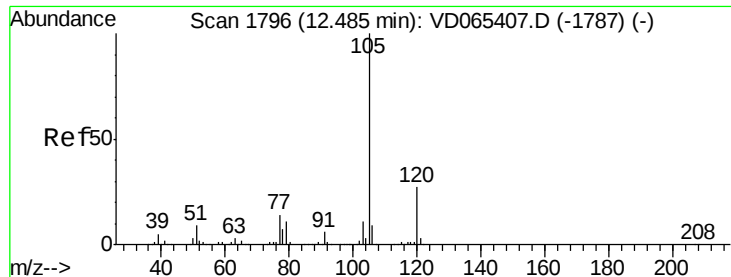
Abundance

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: 56.369 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1088213

Ion Ratio Lower Upper

105 100

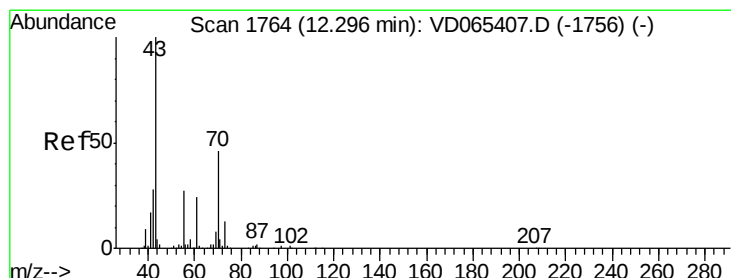
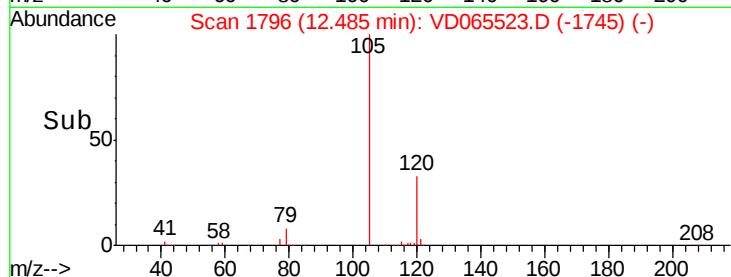
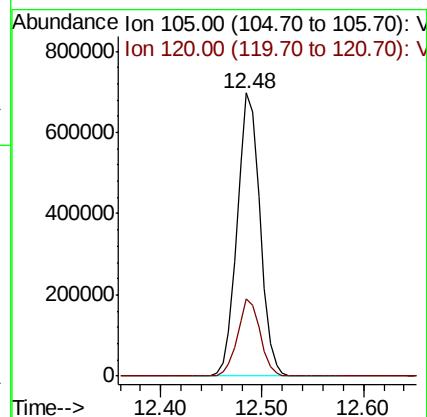
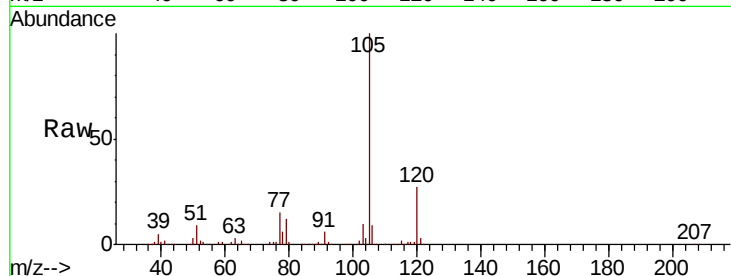
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 56.559 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion: 43 Resp: 223533

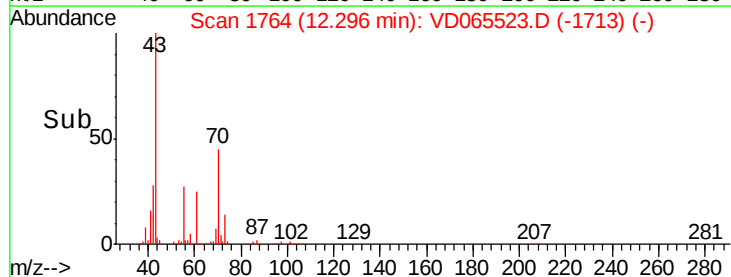
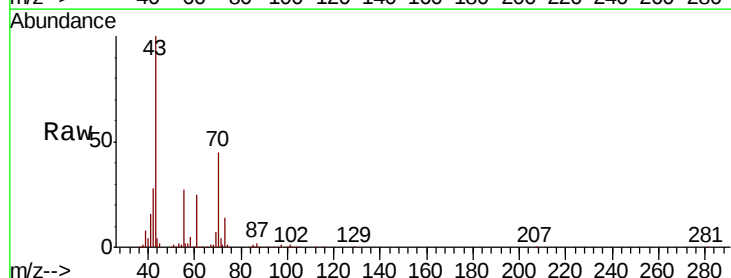
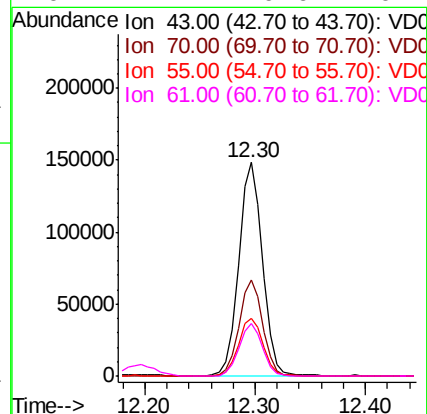
Ion Ratio Lower Upper

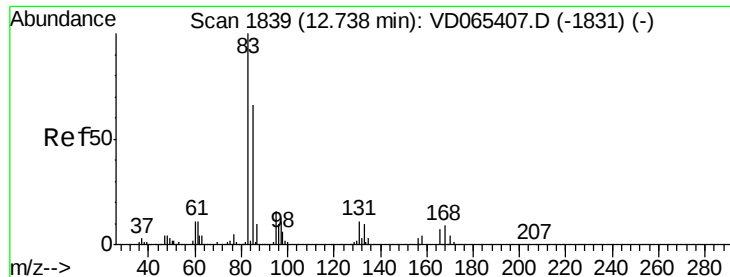
43 100

70 44.7 36.1 54.1

55 28.3 21.6 32.4

61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.081 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

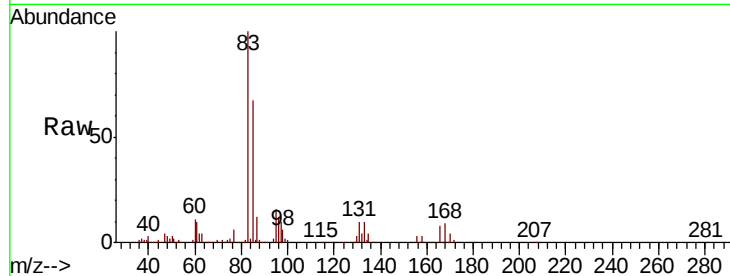
ClientSampleId :

VSTDCCC050EC

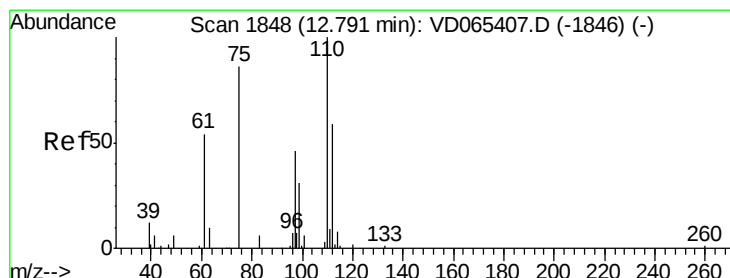
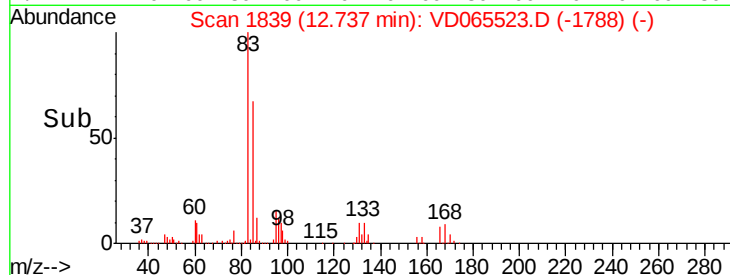
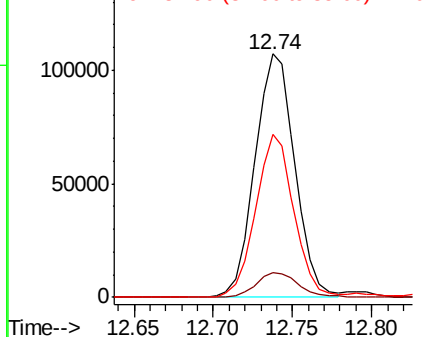
Tot Ion:	83	Resp:	186912
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.0	33.0	98.9

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 53.399 ug/l m

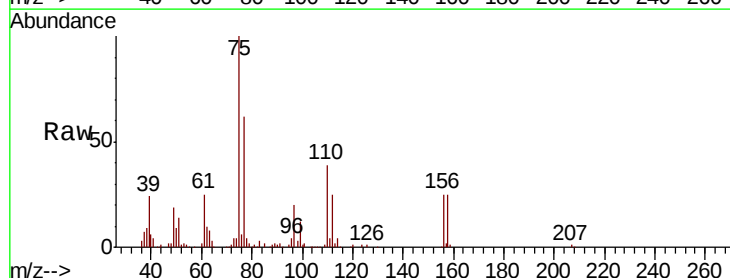
RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

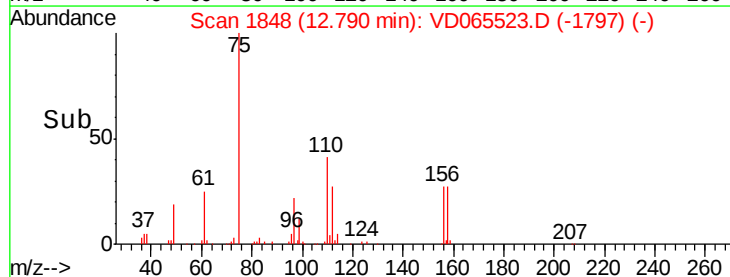
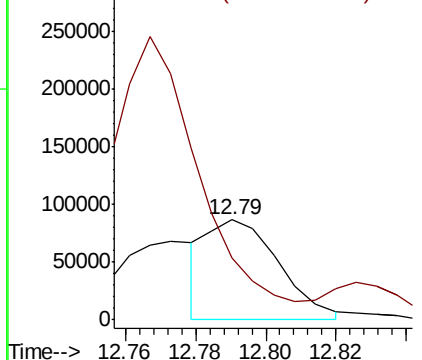
Lab File: VD065523.D

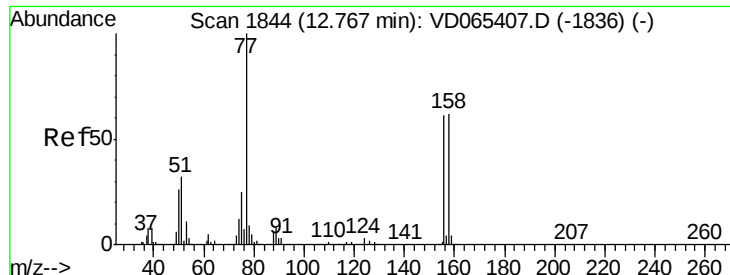
Acq: 24 Mar 2020 17:05

Tgt Ion:	75	Resp:	123671
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





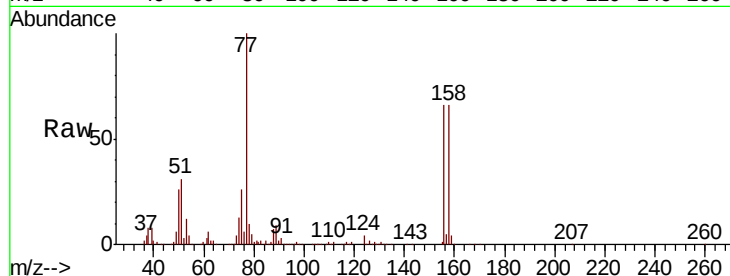
#77
Bromobenzene
Concen: 57.395 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

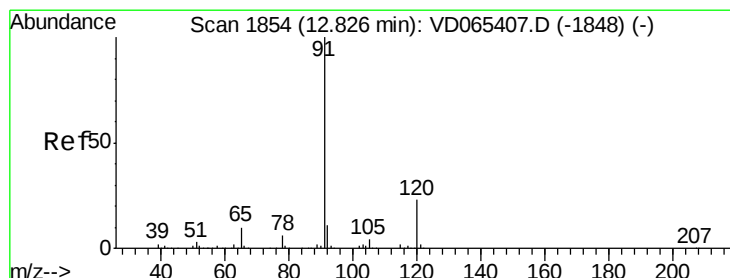
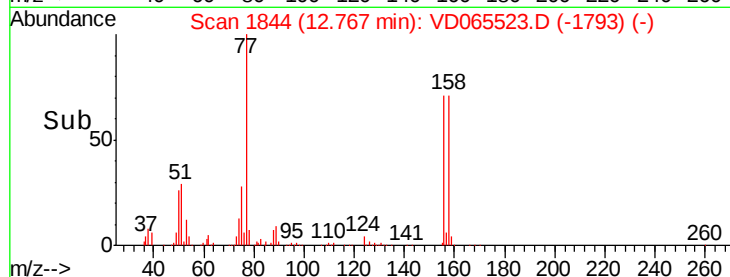
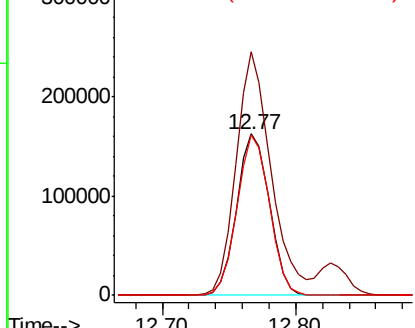
Tot Ion	Ratio	Lower	Upper
156	100		
77	161.0	84.9	254.6
158	98.4	49.0	147.2

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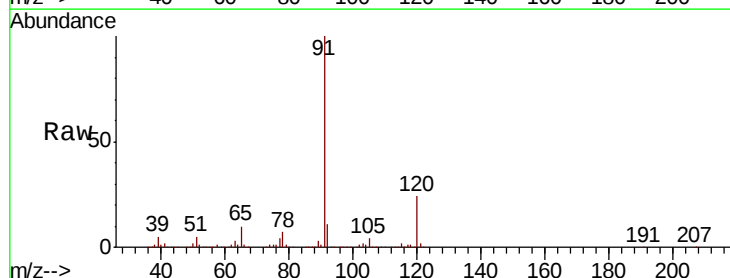


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

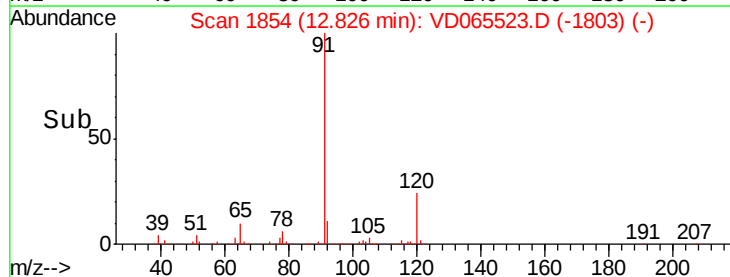
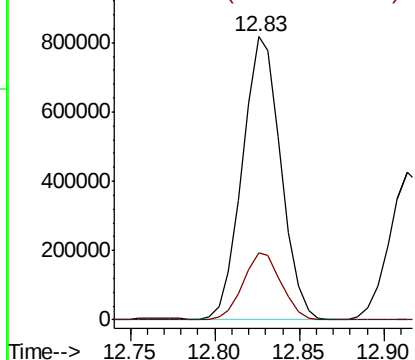


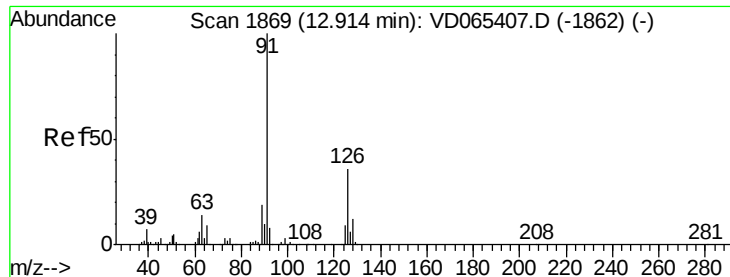
#78
n-propylbenzene
Concen: 56.287 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.5



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





#79

2-Chlorotoluene

Concen: 55.191 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 712484

Ion Ratio Lower Upper

91 100

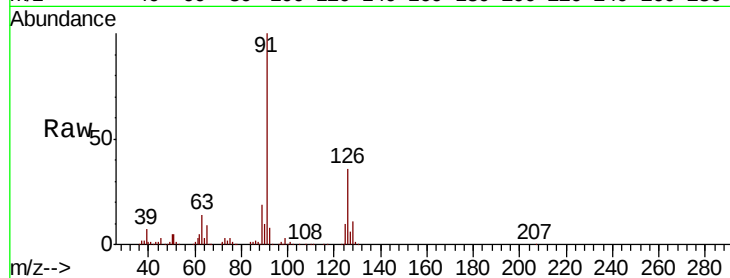
126 35.9 17.9 53.8

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Abundance Ion 91.00 (90.70 to 91.70): VD065407.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065407.D (-1862) (-)

800000

600000

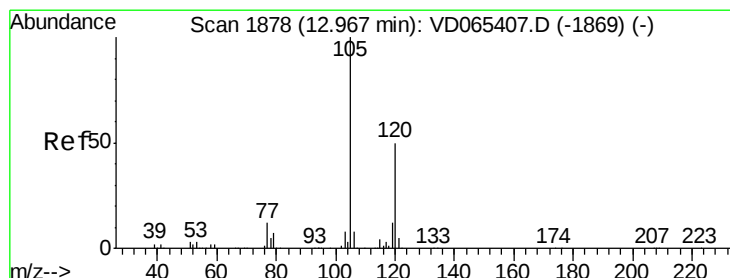
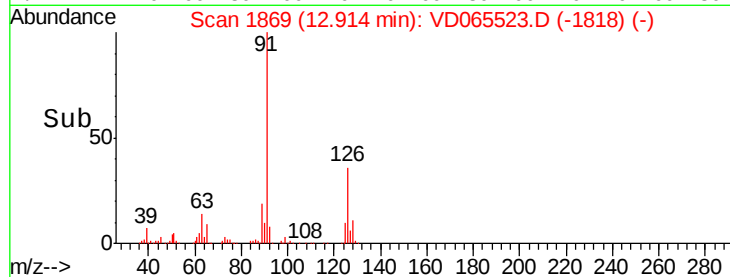
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 56.992 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065523.D

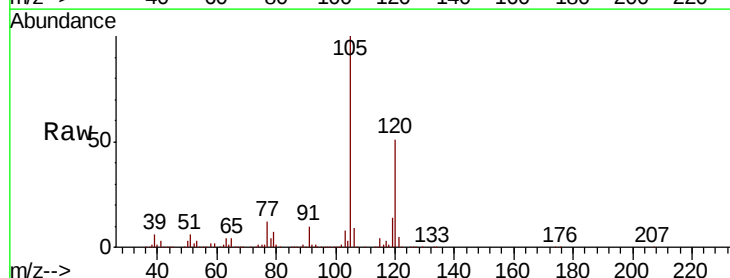
Acq: 24 Mar 2020 17:05

Tgt Ion:105 Resp: 904521

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065407.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065407.D (-1869) (-)

600000

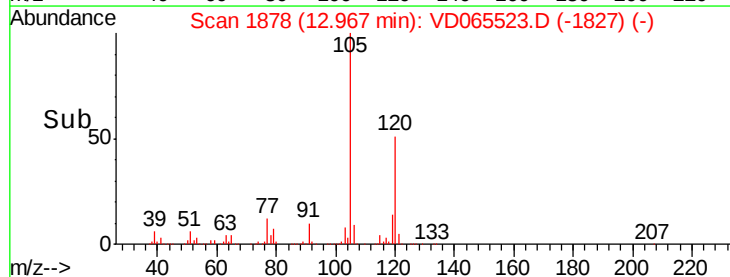
400000

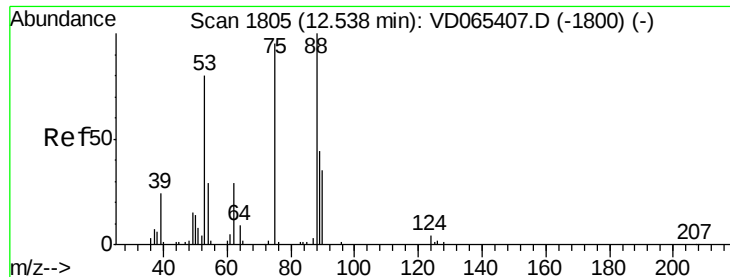
200000

0

12.90 12.97 13.00 13.10

Time-->





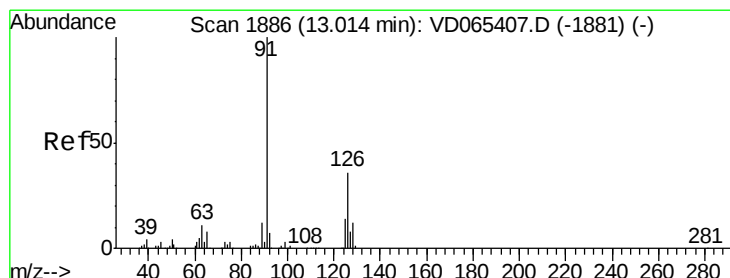
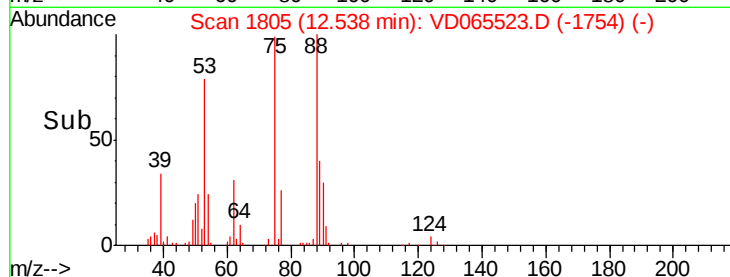
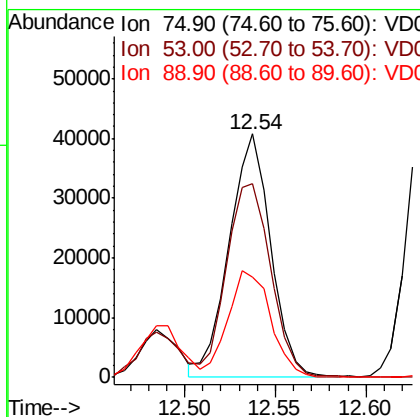
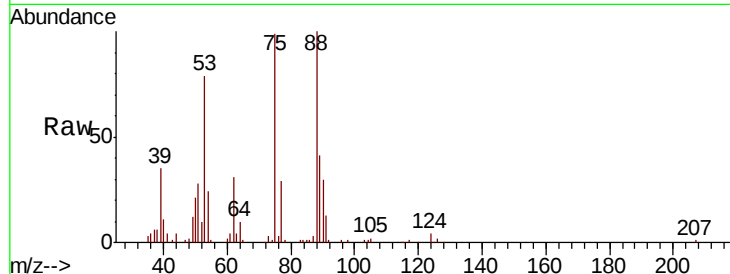
#81
trans-1,4-Dichloro-2-butene
Concen: 58.538 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.8	71.3	106.9
89	45.5	37.0	55.6

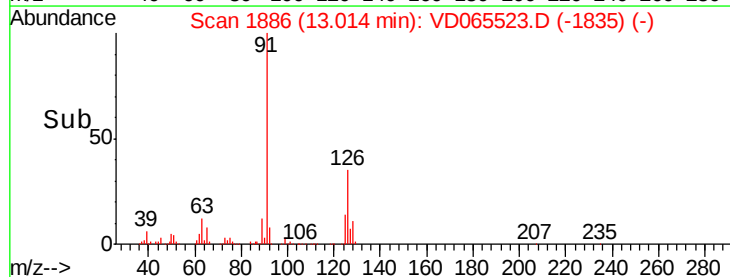
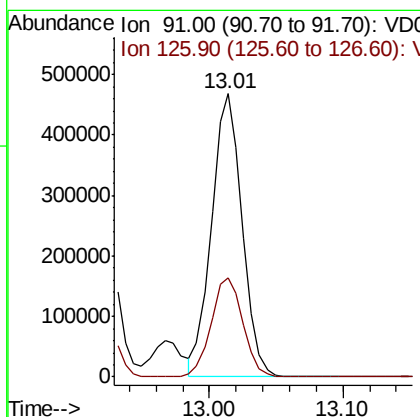
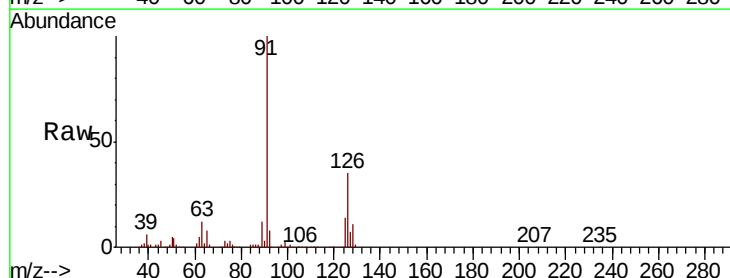
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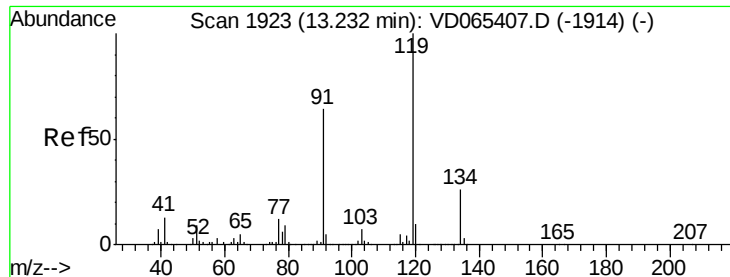
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#82
4-Chlorotoluene
Concen: 55.394 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.6	52.8





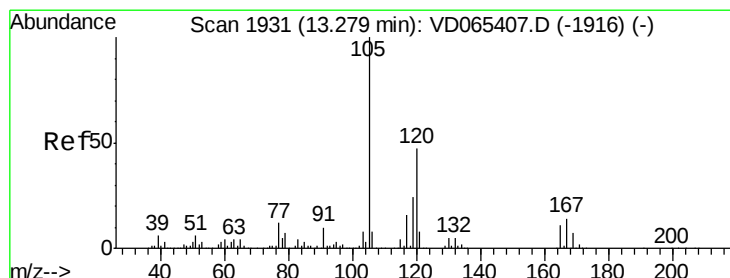
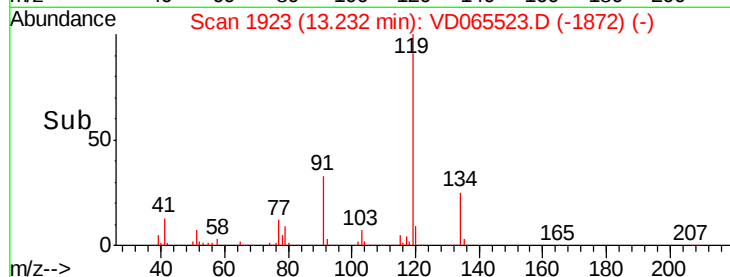
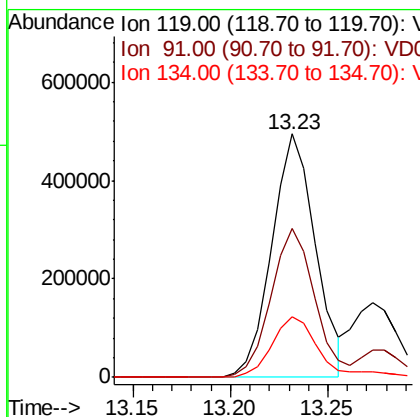
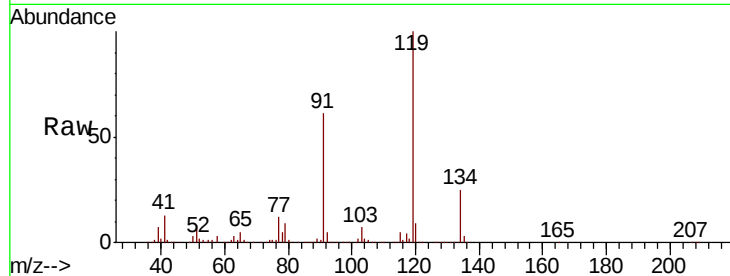
#83
tert-Butylbenzene
Concen: 57.019 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	31.6	95.0
134	27.2	14.2	42.8

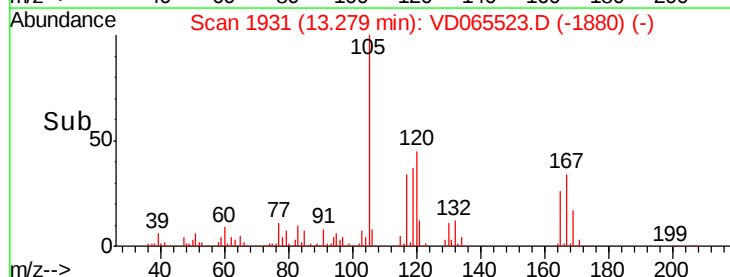
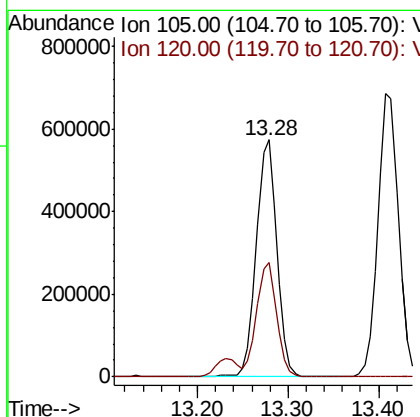
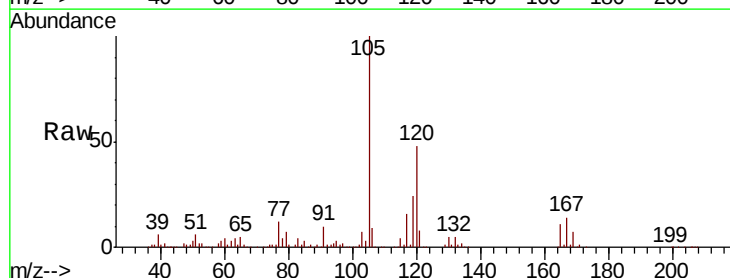
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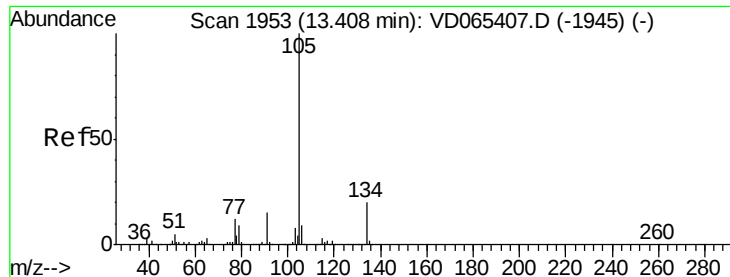
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#84
1,2,4-Trimethylbenzene
Concen: 57.611 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.3





#85

sec-Butylbenzene

Concen: 56.148 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1076134

Ion Ratio Lower Upper

105 100

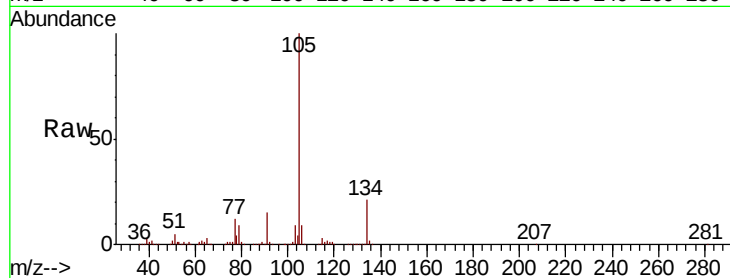
134 21.4 10.3 30.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

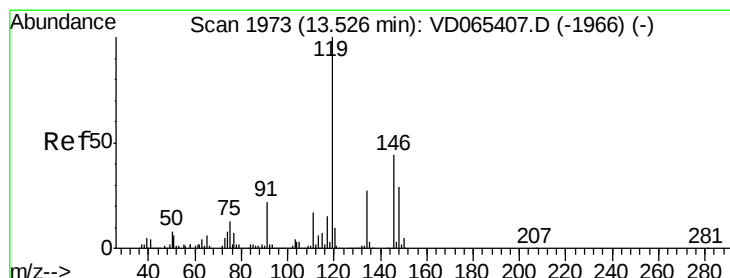
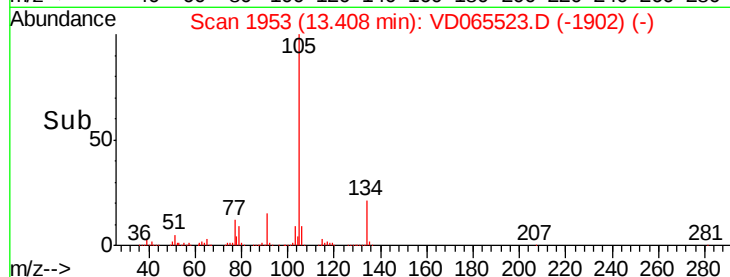
600000

400000

200000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 57.983 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

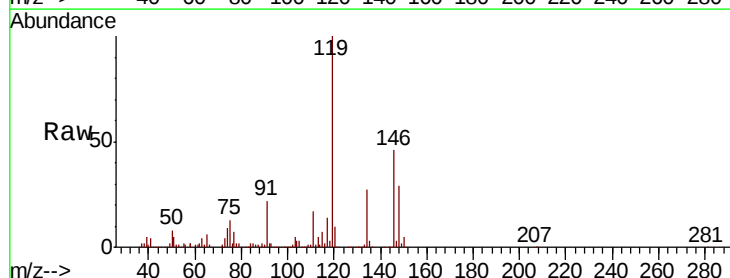
Tgt Ion:119 Resp: 1014060

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 21.7 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.53

800000

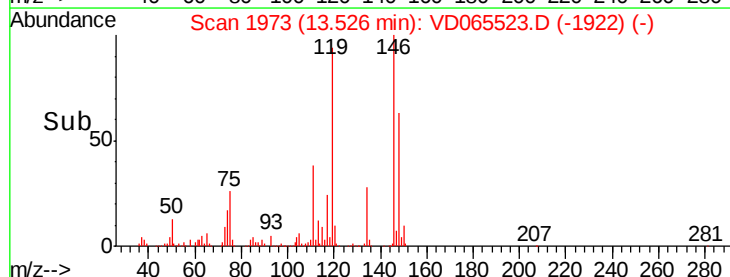
600000

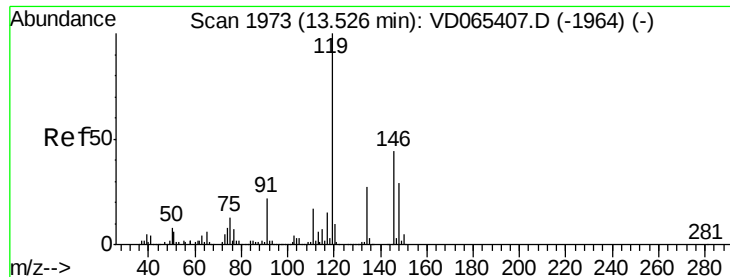
400000

200000

0

Time--> 13.45 13.50 13.55 13.60





#87

1,3-Dichlorobenzene

Concen: 55.977 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Instrument :

MSVOA_D

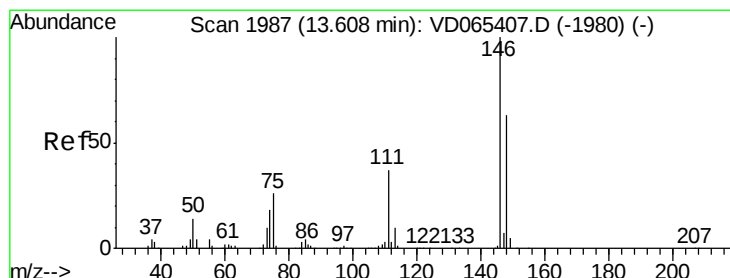
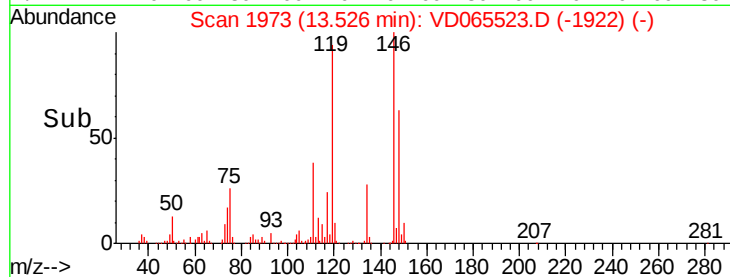
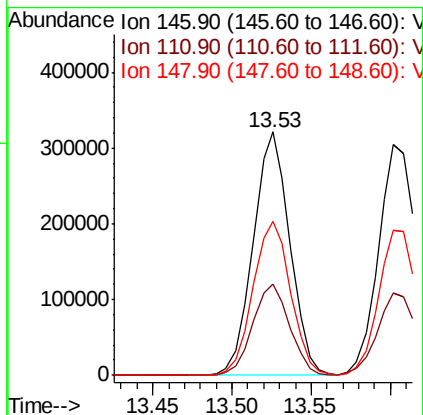
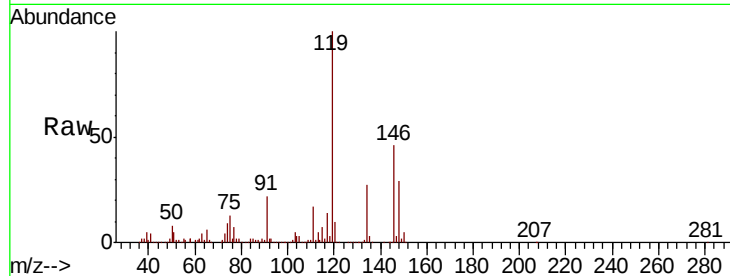
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	516184
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.1
148	65.0	32.3	96.8

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#88

1,4-Dichlorobenzene

Concen: 55.085 ug/l

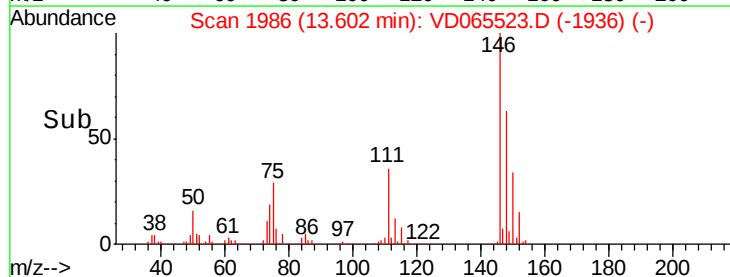
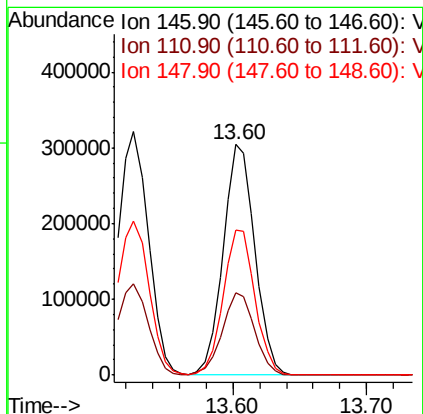
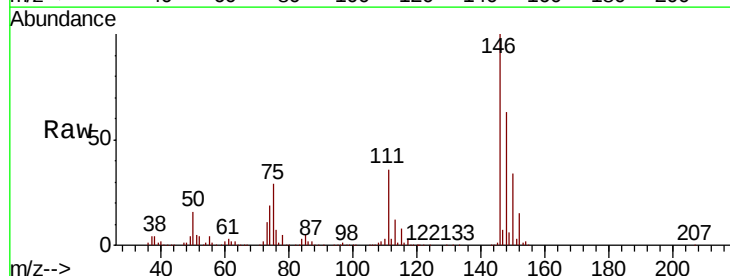
RT: 13.60 min Scan# 1986

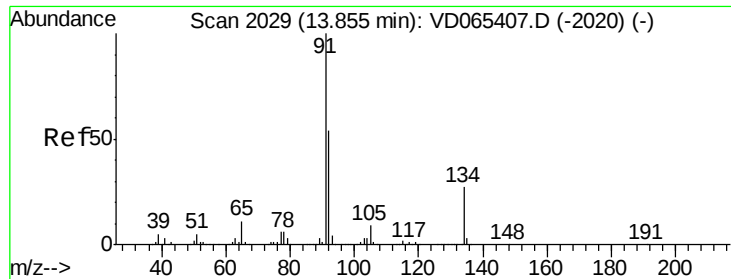
Delta R.T. -0.01 min

Lab File: VD065523.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	146	Resp:	505290
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.5	55.5
148	63.3	32.0	96.0





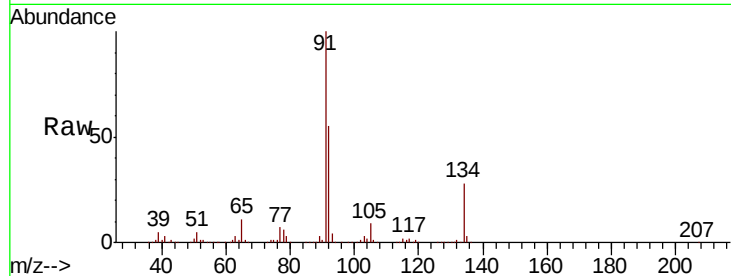
#89
n-Butylbenzene
Concen: 56.554 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.8	80.4
134	27.5	13.4	40.2

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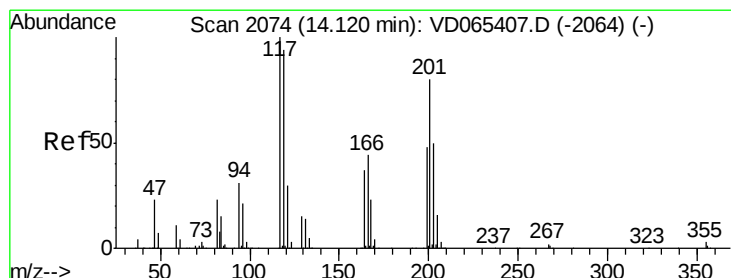
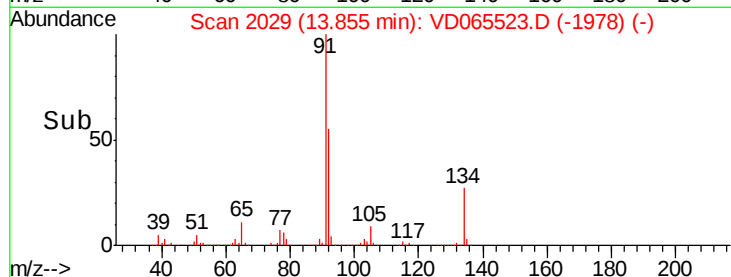
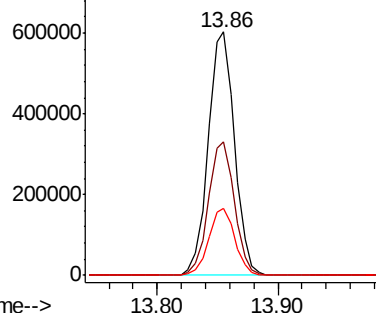


Abundance

Ion 91.00 (90.70 to 91.70): VDC

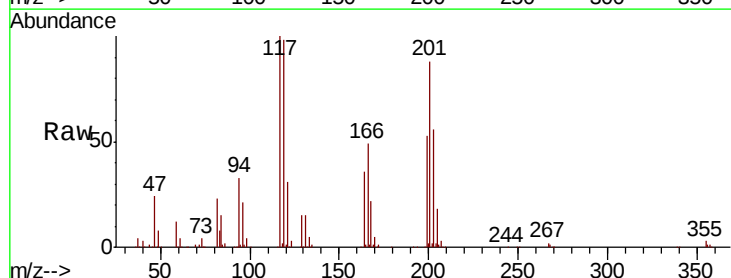
Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90
Hexachloroethane
Concen: 55.282 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

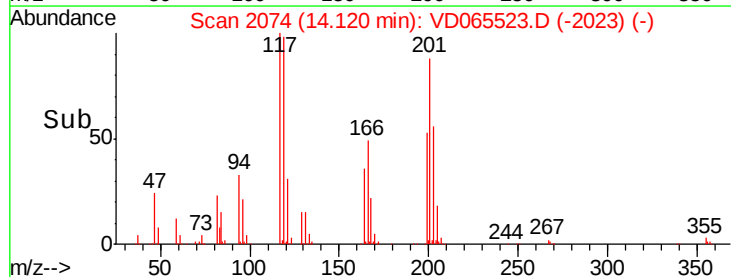
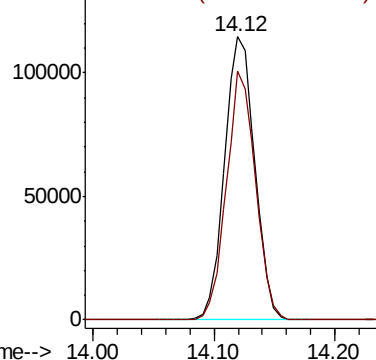
Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	41.9	125.6



Abundance

Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





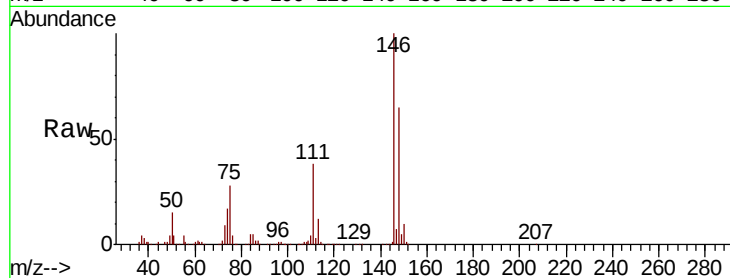
#91
 1,2-Dichlorobenzene
 Concen: 56.305 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	65.8	32.6	97.8

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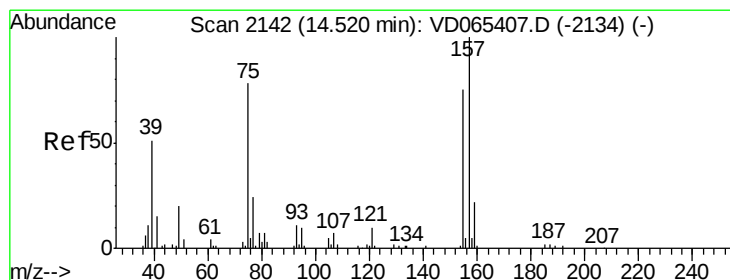
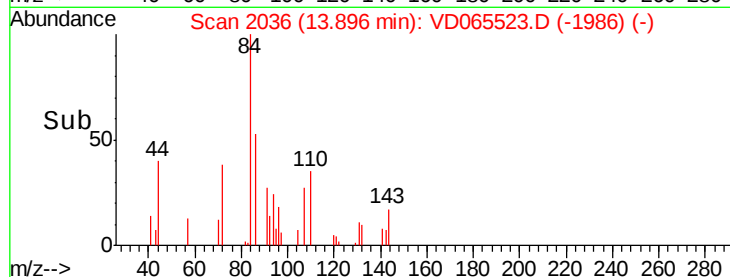
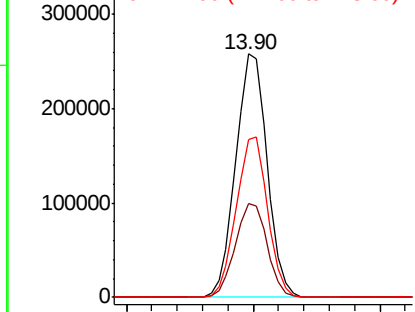


Abundance

Ion 145.90 (145.60 to 146.60): V

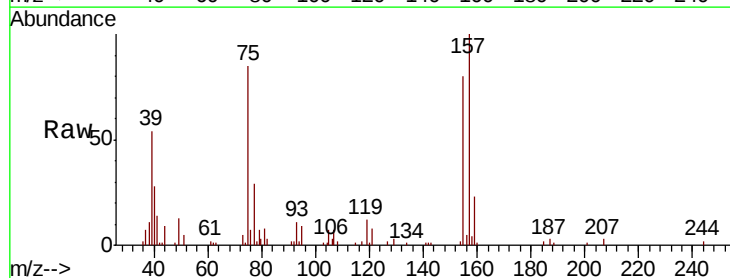
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.092 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	46.4	139.1
157	121.7	60.2	180.4

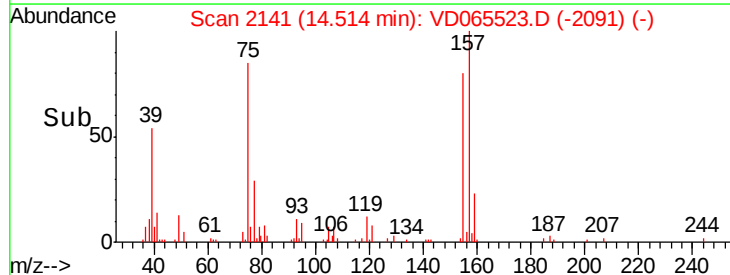
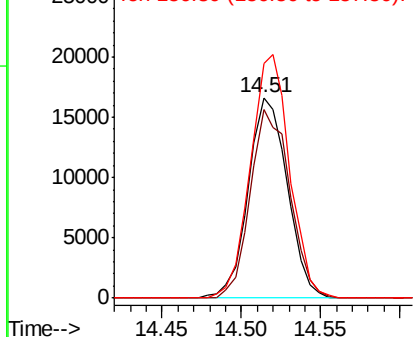


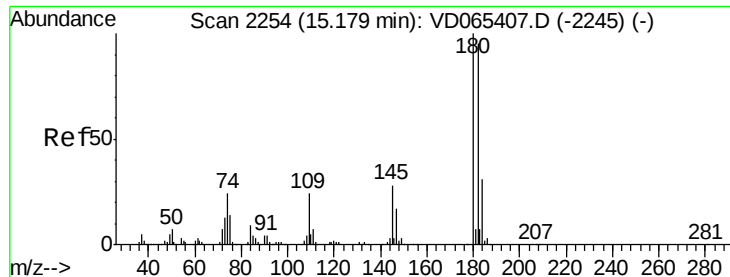
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





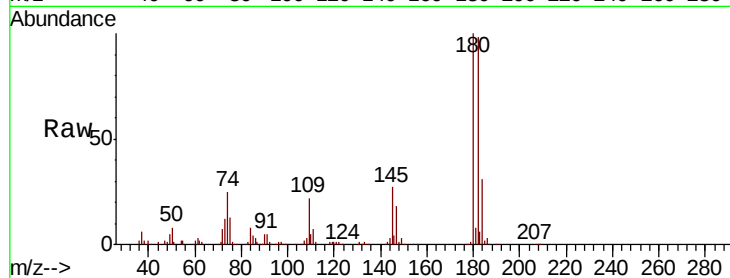
#93
 1,2,4-Trichlorobenzene
 Concen: 58.475 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

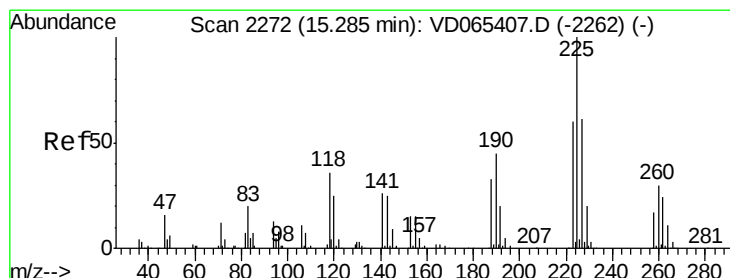
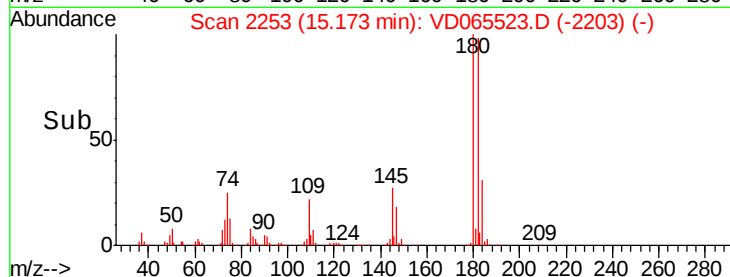
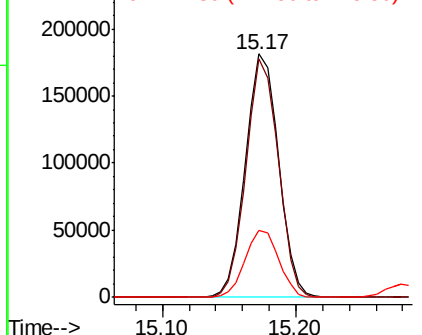
Tot Ion:	180	Resp:	311011
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.3	144.9
145	27.9	14.4	43.4

Manual Integrations
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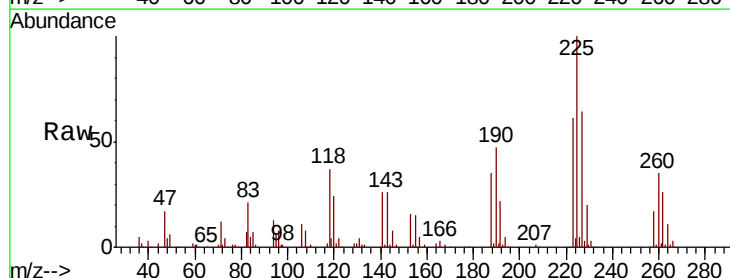


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

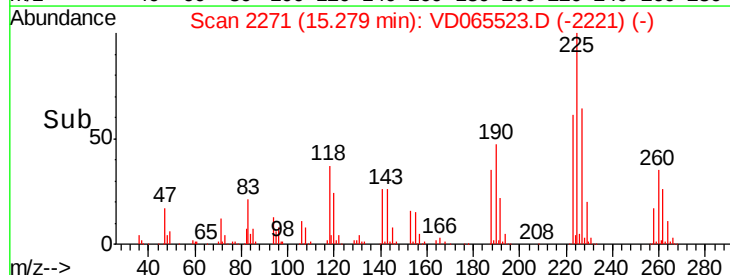
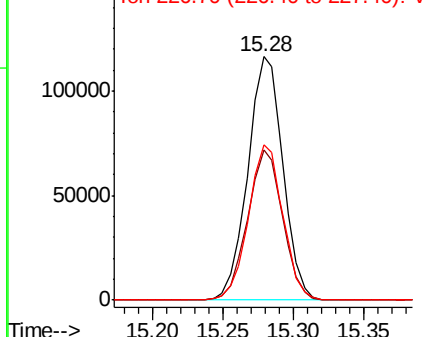


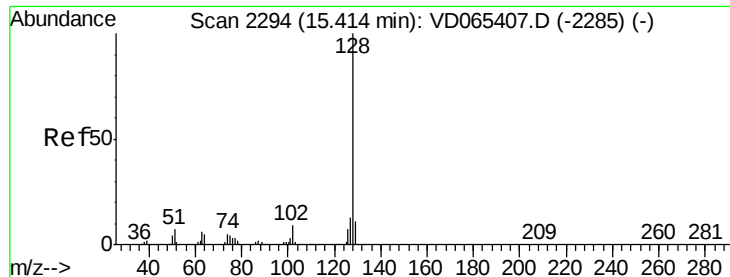
#94
 Hexachlorobutadiene
 Concen: 58.135 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065523.D
 Acq: 24 Mar 2020 17:05

Tgt Ion:	225	Resp:	203165
Ion Ratio	Lower	Upper	
225	100		
223	61.5	30.9	92.5
227	62.4	31.6	94.7



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





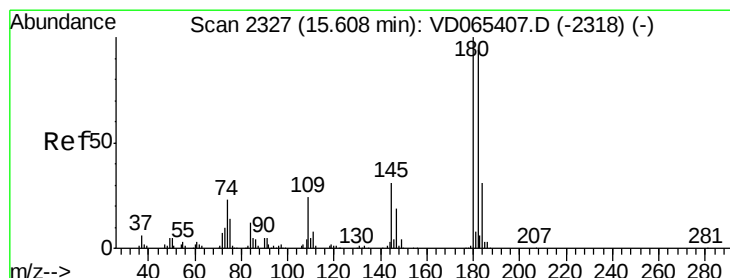
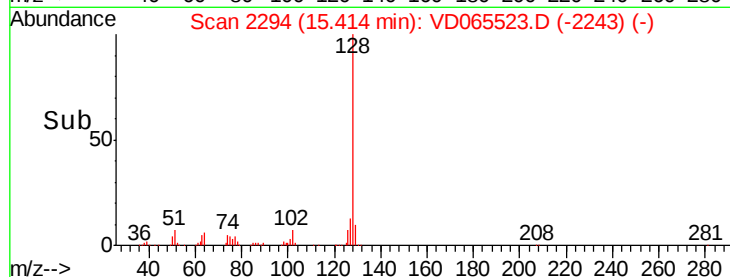
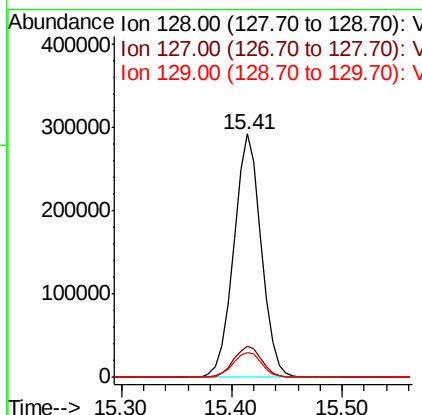
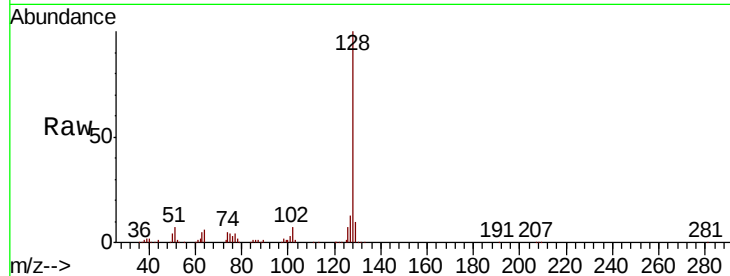
#95
Naphthalene
Concen: 53.219 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.8	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 59.327 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065523.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.6
145	30.0	15.0	45.1

