

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065871.D
 Acq On : 23 Jun 2020 20:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 04:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	258695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	255542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	88905	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	7.92	113	86733	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.34	98	332672	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.64	95	114124	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	42280	38.946	ug/l	99
3) Chloromethane	2.21	50	100383	57.640	ug/l	99
4) Vinyl Chloride	2.35	62	118056	50.685	ug/l	99
5) Bromomethane	2.77	94	90698	55.680	ug/l	90
6) Chloroethane	2.92	64	89757	56.992	ug/l	97
7) Trichlorofluoromethane	3.27	101	121641	46.094	ug/l	94
8) Diethyl Ether	3.70	74	36576	52.717	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	73188	46.510	ug/l	97
10) Methyl Iodide	4.30	142	69335	45.248	ug/l	99
11) Tert butyl alcohol	5.22	59	25960	304.664	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	66485	46.357	ug/l	99
13) Acrolein	3.92	56	19181	218.904	ug/l	96
14) Allyl chloride	4.71	41	118432	49.962	ug/l	95
15) Acrylonitrile	5.42	53	87675	278.225	ug/l	97
16) Acetone	4.16	43	75718	257.310	ug/l	93
17) Carbon Disulfide	4.41	76	212389	44.122	ug/l	99
18) Methyl Acetate	4.72	43	38955	59.371	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	177386	54.604	ug/l	98
20) Methylene Chloride	4.97	84	98265	64.137	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	82029	48.838	ug/l	91
22) Diisopropyl ether	6.36	45	280057	58.472	ug/l	96
23) Vinyl Acetate	6.30	43	807076	298.408	ug/l	99
24) 1,1-Dichloroethane	6.26	63	156950	53.782	ug/l	98
25) 2-Butanone	7.21	43	113678	279.719	ug/l	92
26) 2,2-Dichloropropane	7.21	77	126788	48.999	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	97791	54.125	ug/l	99
28) Bromochloromethane	7.54	49	67085	59.519	ug/l	97
29) Tetrahydrofuran	7.56	42	77372	301.230	ug/l	95
30) Chloroform	7.71	83	168283	55.634	ug/l	99
31) Cyclohexane	7.98	56	128918	46.081	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	145501	52.313	ug/l	97
36) 1,1-Dichloropropene	8.11	75	120684	48.700	ug/l	99
37) Ethyl Acetate	7.29	43	54880	56.224	ug/l	100
38) Carbon Tetrachloride	8.10	117	130203	49.924	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	138491	47.202	ug/l	99
40) Benzene	8.35	78	355377	52.457	ug/l	96
41) Methacrylonitrile	7.53	41	27169	46.745	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	111834	54.710	ug/l	100
43) Isopropyl Acetate	8.45	43	109090	56.203	ug/l	99
44) Trichloroethene	9.11	130	93905	49.808	ug/l	98
45) 1,2-Dichloropropane	9.39	63	89481	52.566	ug/l	100
46) Dibromomethane	9.48	93	51169	55.425	ug/l	94
47) Bromodichloromethane	9.66	83	137201	55.459	ug/l	98
48) Methyl methacrylate	9.46	41	49839	53.047	ug/l	90
49) 1,4-Dioxane	9.47	88	11439	1164.093	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	278727	293.056	ug/l	97
52) Toluene	10.40	92	235206	53.432	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	124596	55.617	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	144901	54.766	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	69466	56.313	ug/l	96
56) Ethyl methacrylate	10.67	69	83347	57.444	ug/l	95
57) 1,3-Dichloropropane	10.95	76	119529	55.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	208051	308.425	ug/l	98
59) 2-Hexanone	10.98	43	191926	299.311	ug/l	100
60) Dibromochloromethane	11.14	129	92488	55.501	ug/l	98
61) 1,2-Dibromoethane	11.25	107	66101	54.526	ug/l	96
64) Tetrachloroethene	10.88	164	80472	46.570	ug/l	93
65) Chlorobenzene	11.67	112	253043	50.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	96973	52.148	ug/l	99
67) Ethyl Benzene	11.75	91	451100	50.617	ug/l	97
68) m/p-Xylenes	11.86	106	355123	103.450	ug/l	99
69) o-Xylene	12.18	106	160020	51.700	ug/l	98
70) Styrene	12.20	104	287445	53.647	ug/l	99
71) Bromoform	12.36	173	54642	53.360	ug/l #	98
73) Isopropylbenzene	12.48	105	445976	49.681	ug/l	98
74) N-amyl acetate	12.29	43	106263	53.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	78601	51.846	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	102949	98.868	ug/l #	100
77) Bromobenzene	12.77	156	105135	49.501	ug/l	96
78) n-propylbenzene	12.83	91	532335	49.265	ug/l	99
79) 2-Chlorotoluene	12.91	91	296458	50.012	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	379216	50.764	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25175	52.238	ug/l	99
82) 4-Chlorotoluene	13.01	91	315369	49.566	ug/l	99
83) tert-Butylbenzene	13.23	119	326710	50.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	383917	51.346	ug/l	99
85) sec-Butylbenzene	13.41	105	445791	49.420	ug/l	99
86) p-Isopropyltoluene	13.52	119	413350	49.995	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	212145	50.658	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205979	49.445	ug/l	99
89) n-Butylbenzene	13.85	91	392318	49.753	ug/l	98
90) Hexachloroethane	14.12	117	82633	49.932	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	184737	51.258	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12891	51.093	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

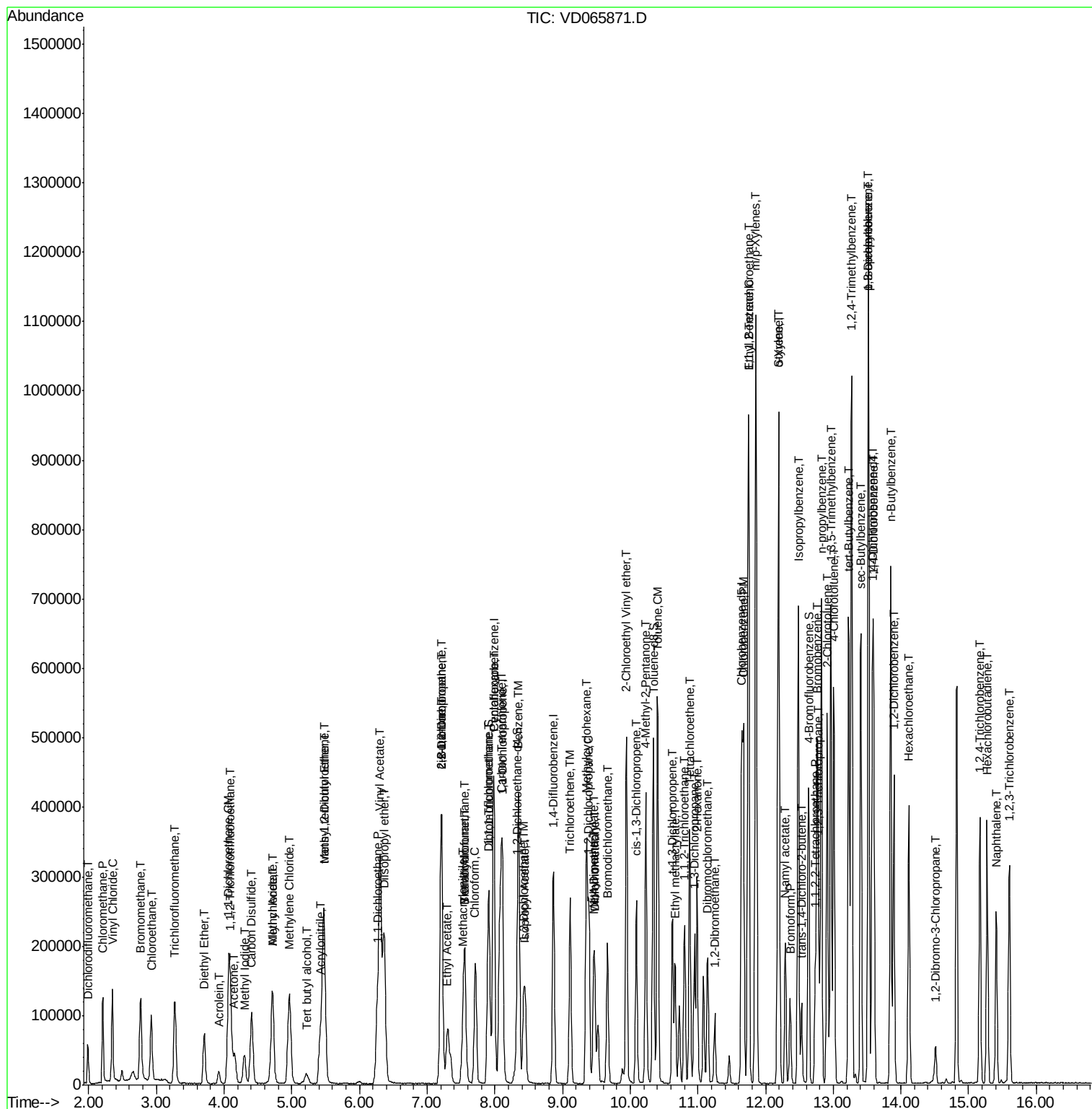
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	118754	48.461	ug/l	99
94) Hexachlorobutadiene	15.27	225	65712	44.359	ug/l	98
95) Naphthalene	15.41	128	212651	51.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104330	49.432	ug/l	98

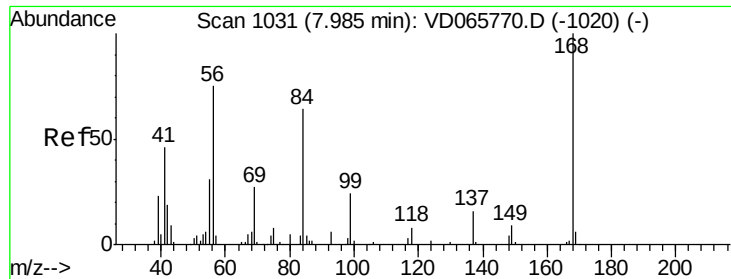
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

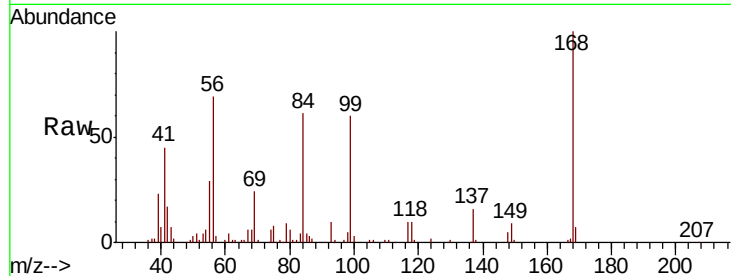
VSTDCCC050EC

Tot Ion:168 Resp: 157874

Ion Ratio Lower Upper

168 100

99 59.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

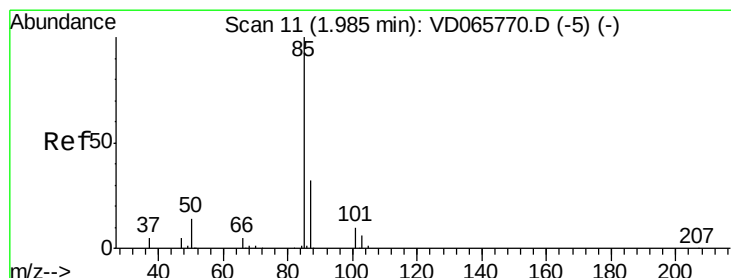
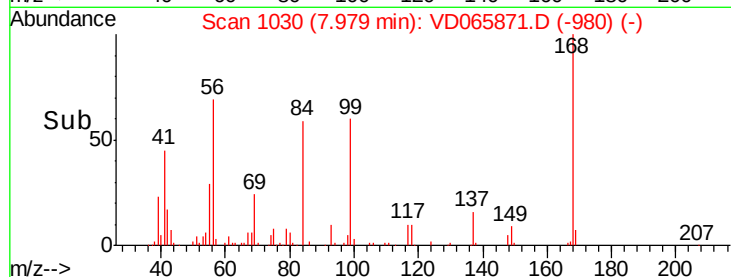
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 38.946 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065871.D

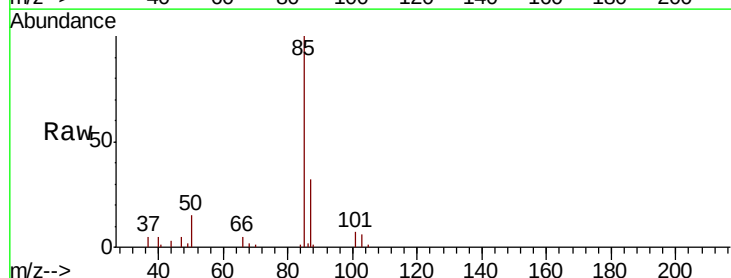
Acq: 23 Jun 2020 20:13

Tgt Ion: 85 Resp: 42280

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

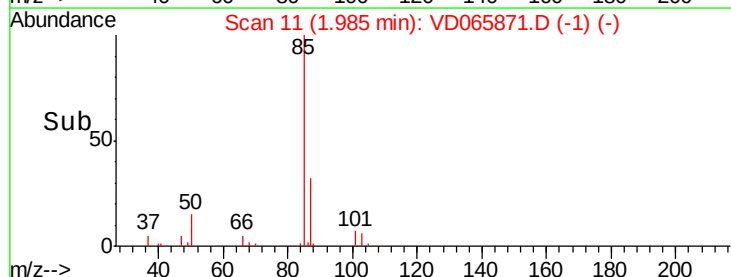
20000

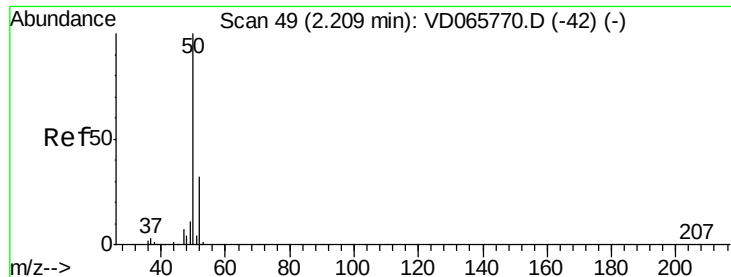
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 57.640 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

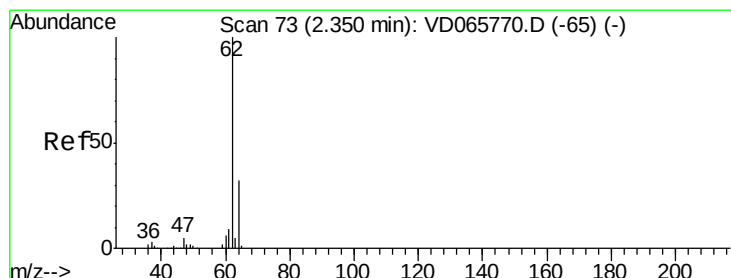
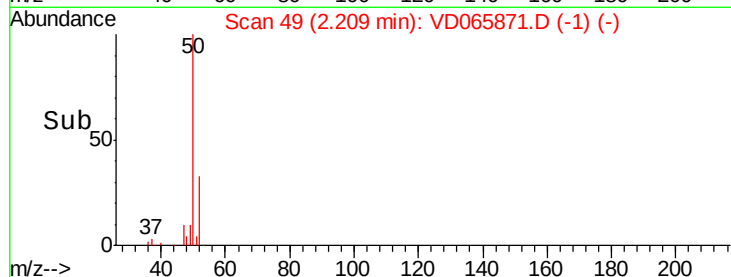
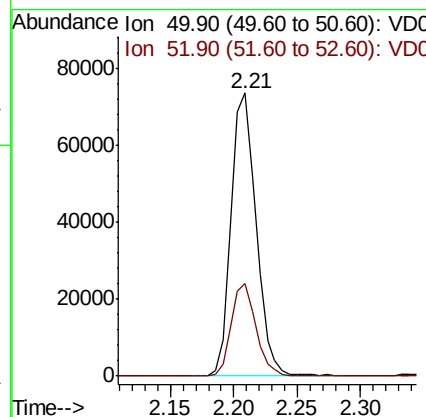
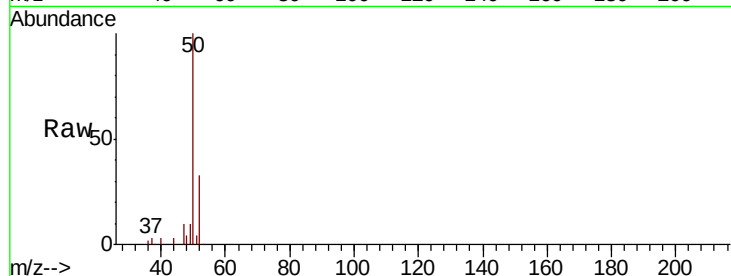
VSTDCCC050EC

Tot Ion: 50 Resp: 100383

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 50.685 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065871.D

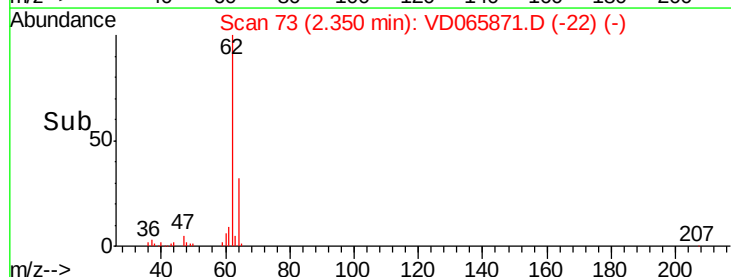
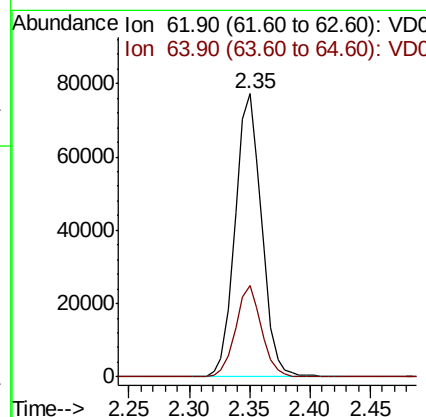
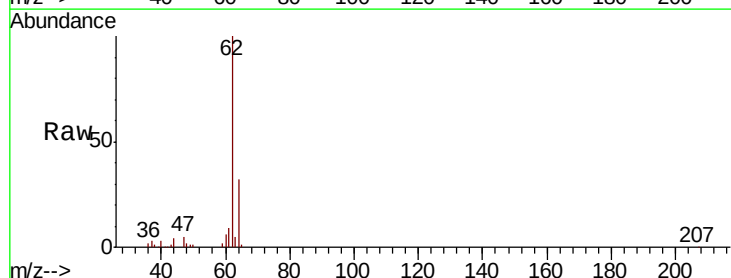
Acq: 23 Jun 2020 20:13

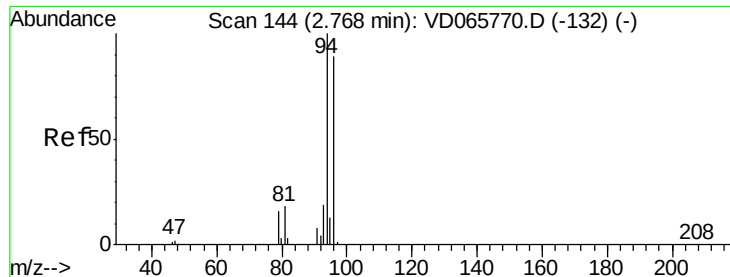
Tgt Ion: 62 Resp: 118056

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 55.680 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

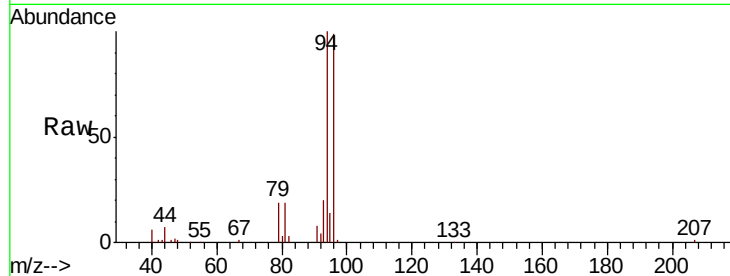
VSTDCCC050EC

Tot Ion: 94 Resp: 90698

Ion Ratio Lower Upper

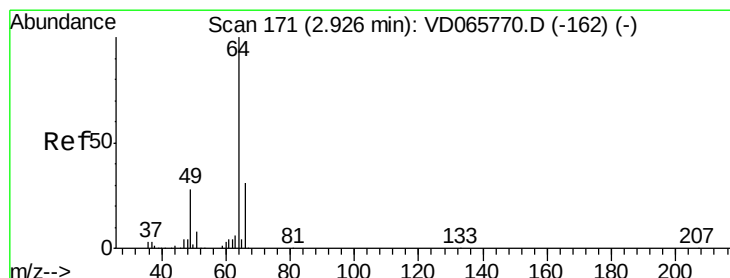
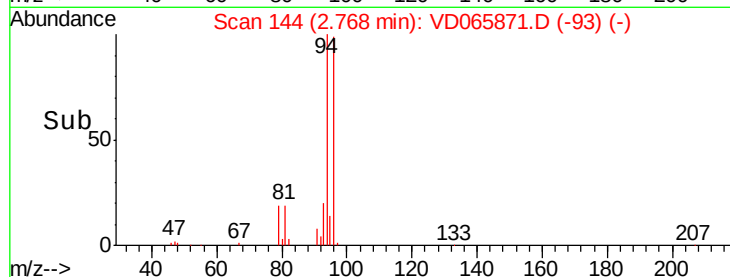
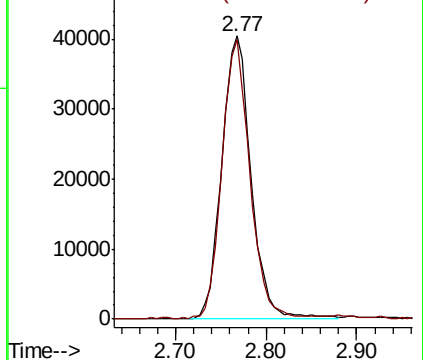
94 100

96 99.0 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 56.992 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065871.D

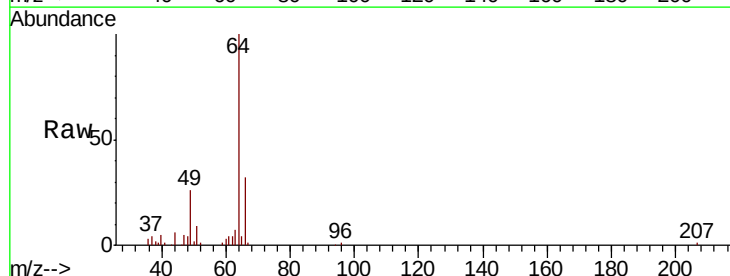
Acq: 23 Jun 2020 20:13

Tgt Ion: 64 Resp: 89757

Ion Ratio Lower Upper

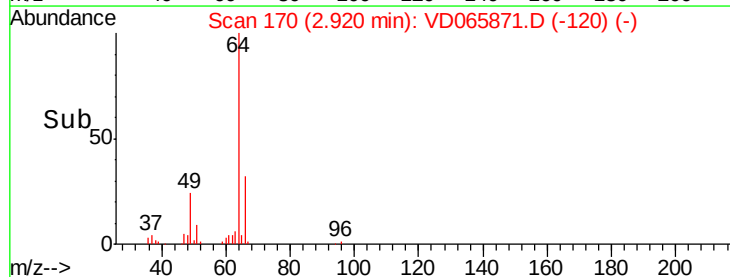
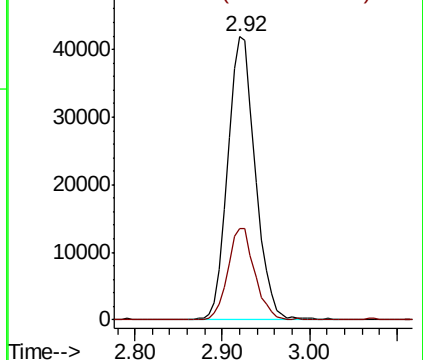
64 100

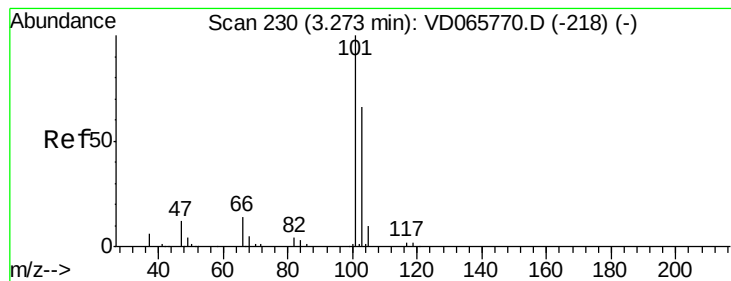
66 32.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



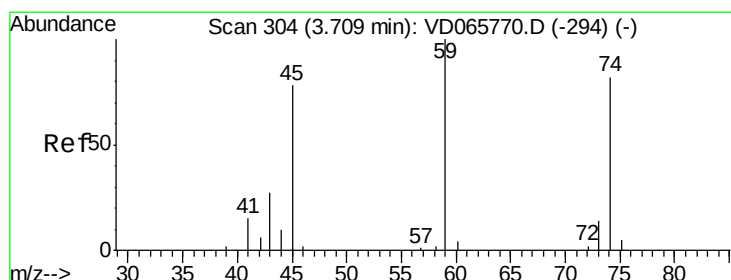
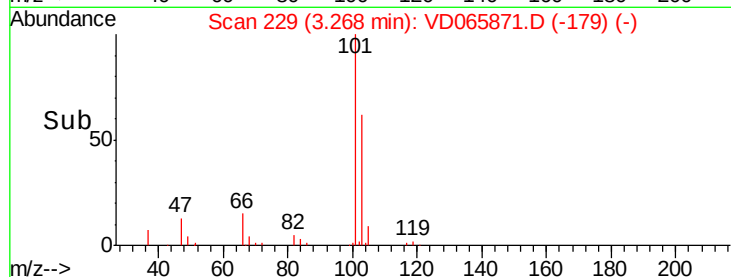
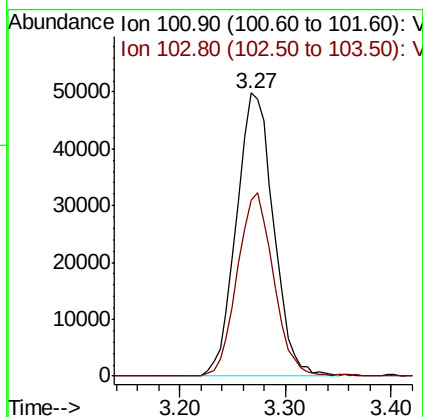
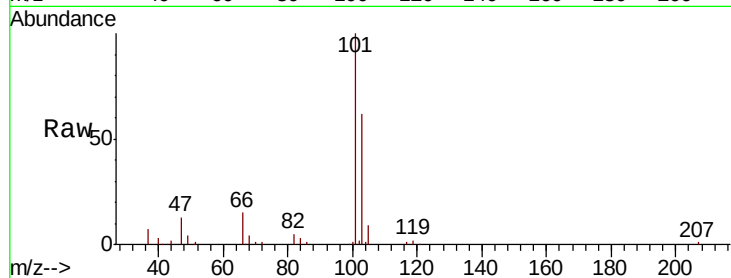


#7

Trichlorofluoromethane
Concen: 46.094 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
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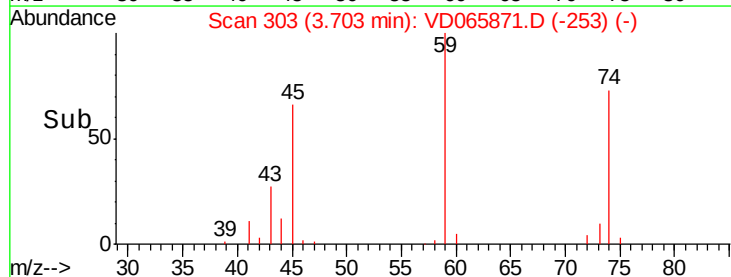
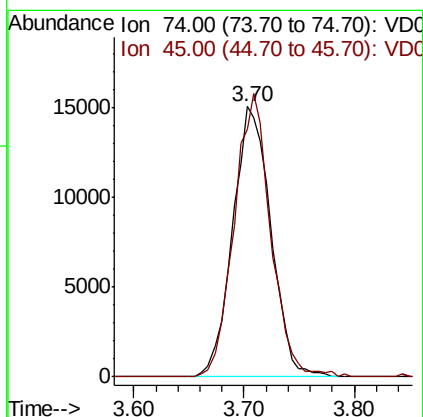
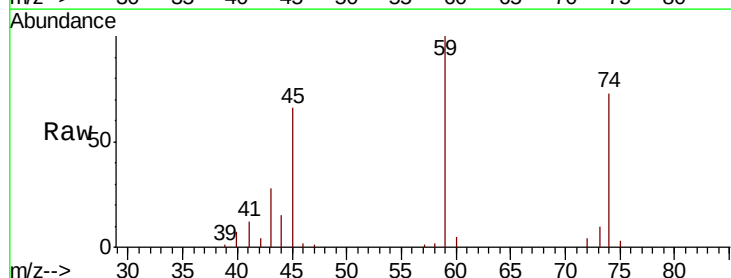
Tot Ion:101 Resp: 121641
Ion Ratio Lower Upper
101 100
103 62.0 53.1 79.7

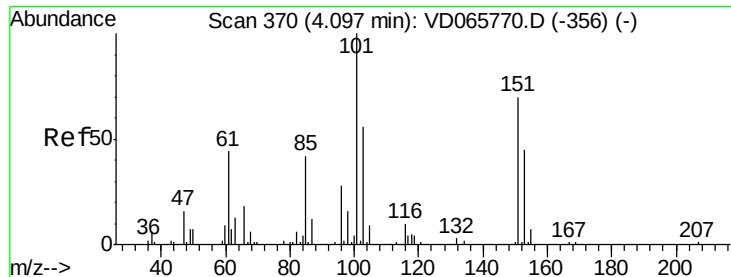


#8

Diethyl Ether
Concen: 52.717 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 74 Resp: 36576
Ion Ratio Lower Upper
74 100
45 100.0 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.510 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

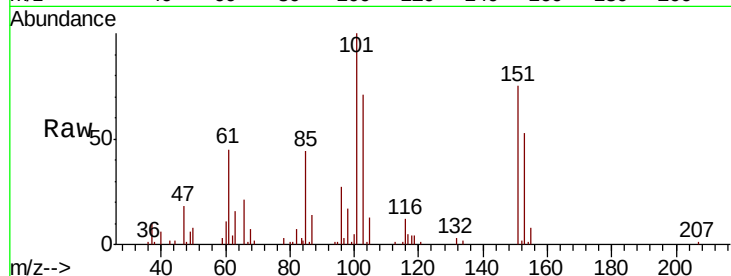
Tot Ion:101 Resp: 73188

Ion Ratio Lower Upper

101 100

85 45.3 36.5 54.7

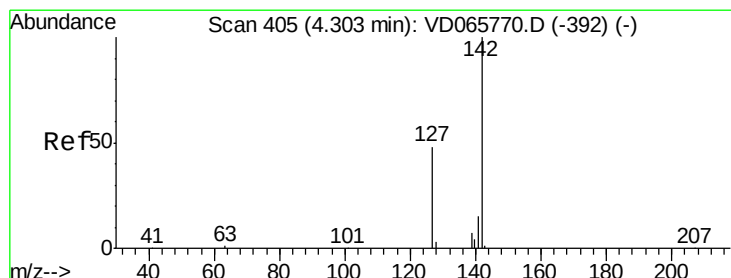
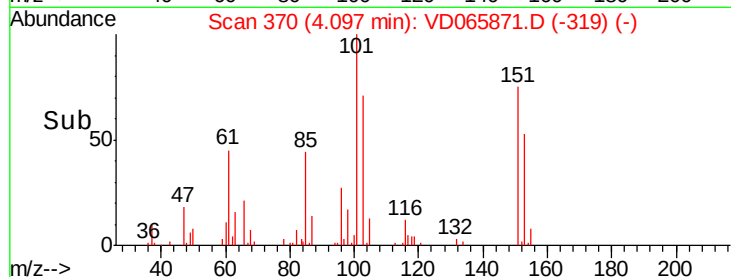
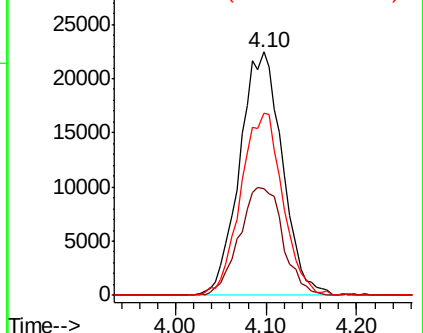
151 73.8 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.248 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

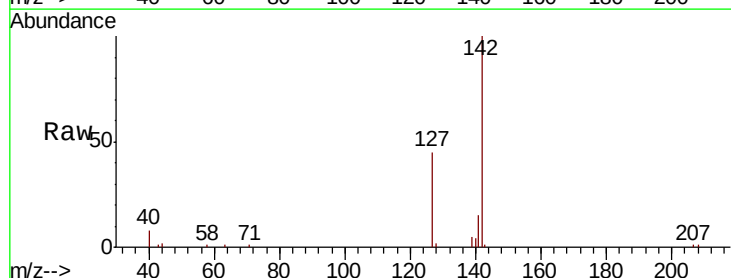
Tgt Ion:142 Resp: 69335

Ion Ratio Lower Upper

142 100

127 47.6 37.6 56.4

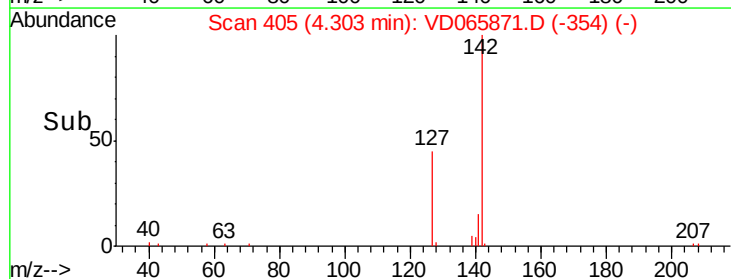
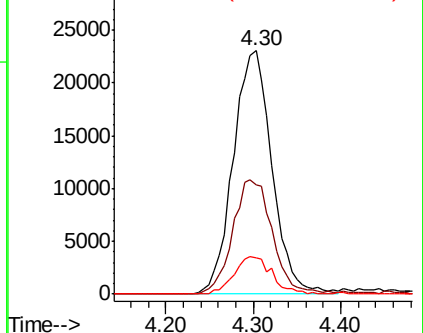
141 15.0 12.1 18.1

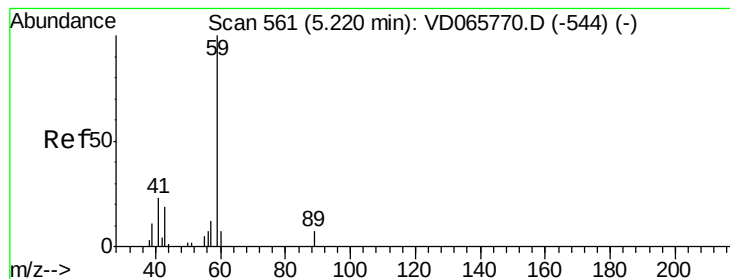


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 304.664 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

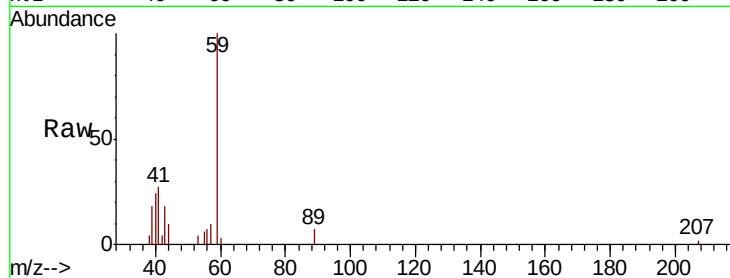
VSTDCCC050EC

Tot Ion: 59 Resp: 25960

Ion Ratio Lower Upper

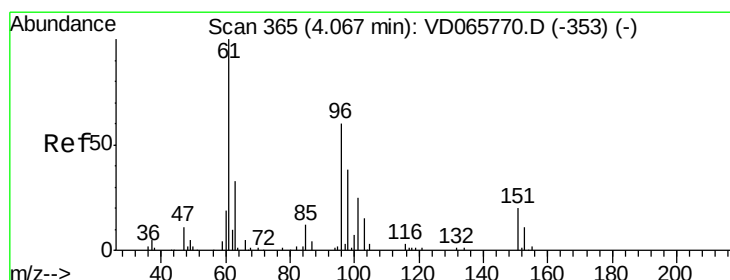
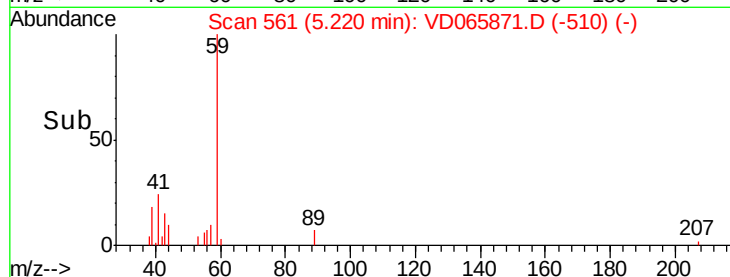
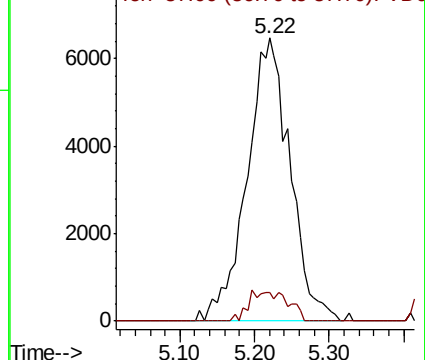
59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.357 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

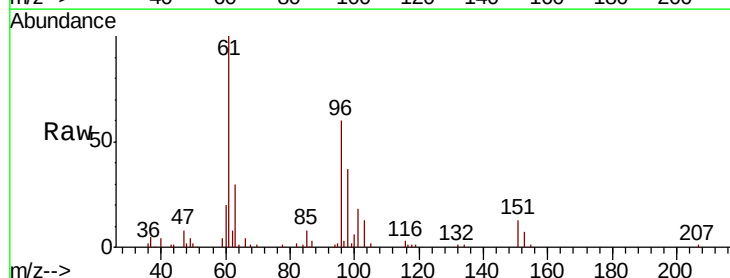
Tgt Ion: 96 Resp: 66485

Ion Ratio Lower Upper

96 100

61 166.2 132.3 198.5

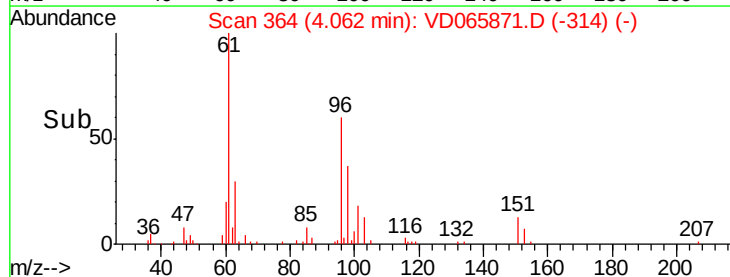
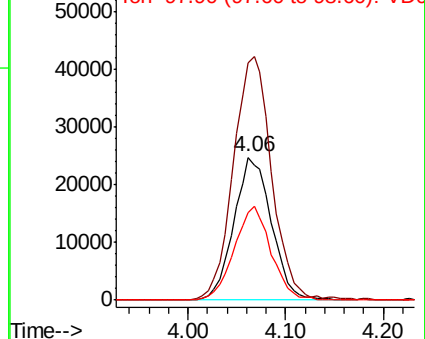
98 61.0 50.7 76.1

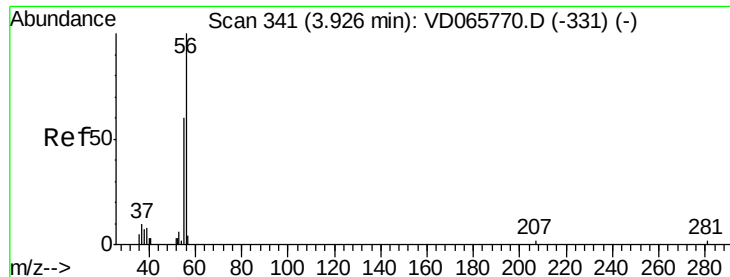


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 218.904 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

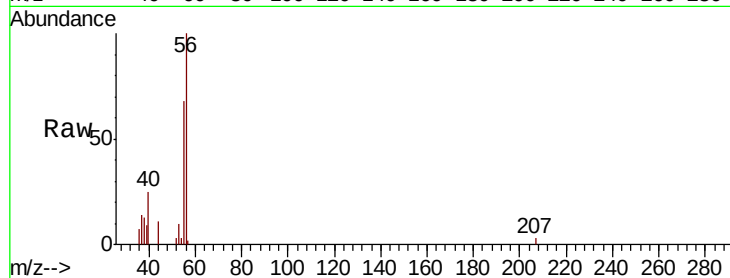
VSTDCCC050EC

Tot Ion: 56 Resp: 19181

Ion Ratio Lower Upper

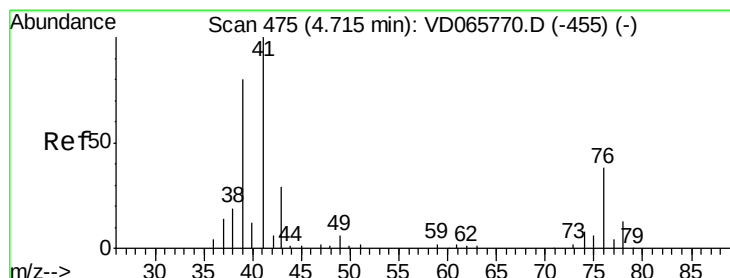
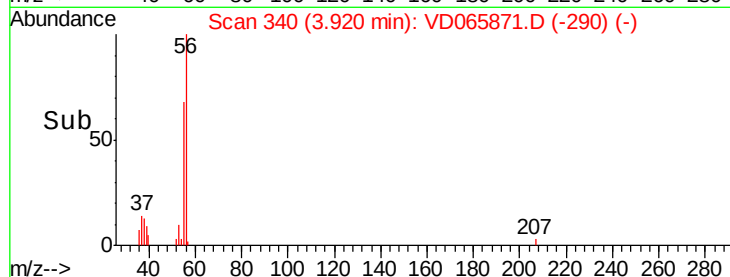
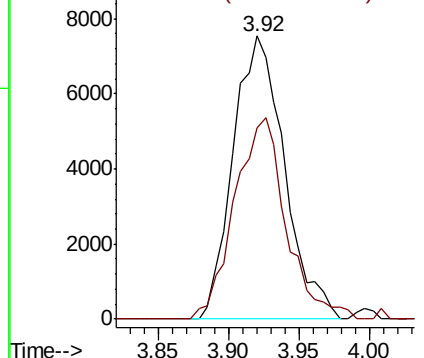
56 100

55 71.5 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.962 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

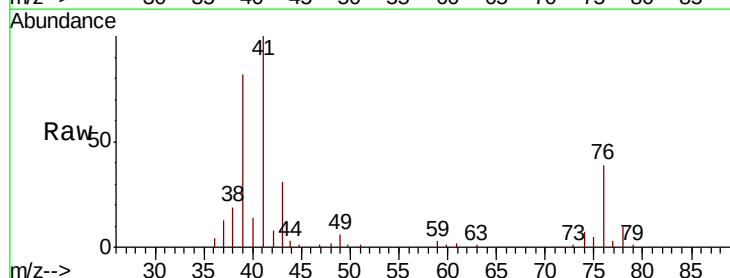
Tgt Ion: 41 Resp: 118432

Ion Ratio Lower Upper

41 100

39 81.3 60.9 91.3

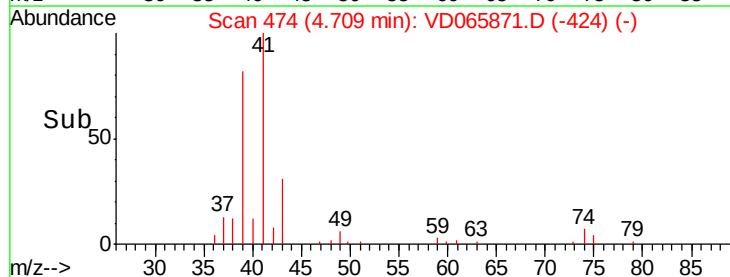
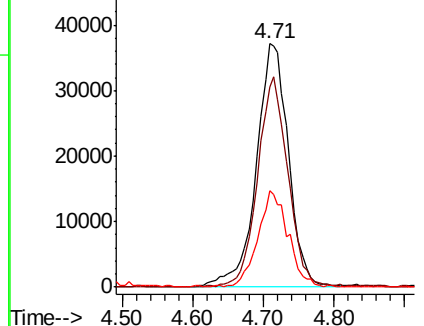
76 36.9 28.9 43.3

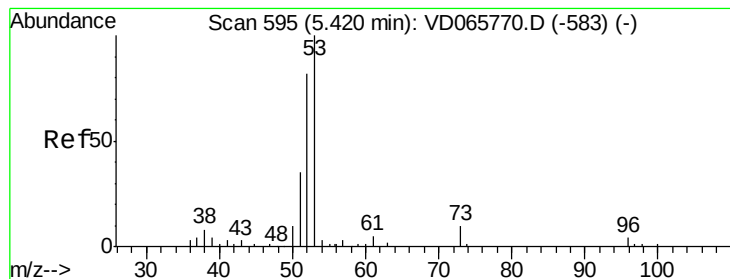


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 278.225 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

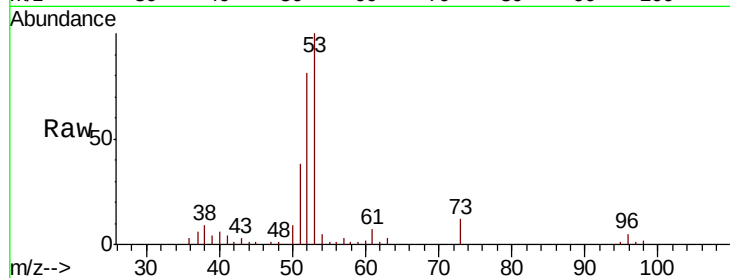
Tot Ion: 53 Resp: 87675

Ion Ratio Lower Upper

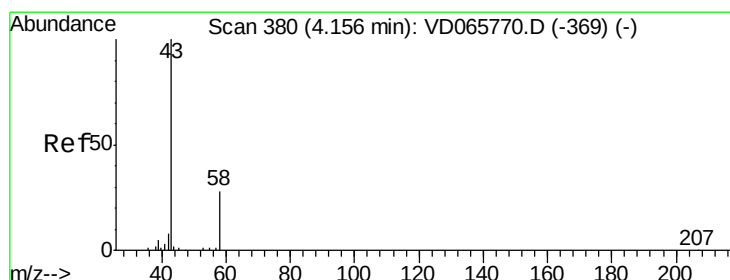
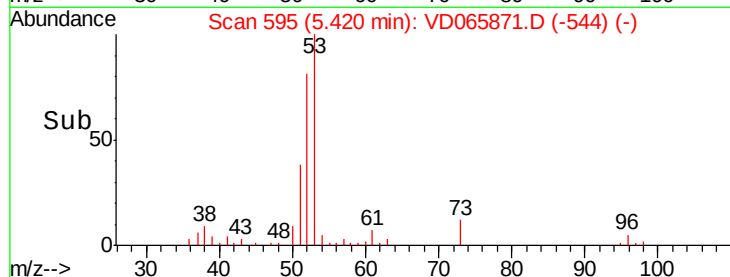
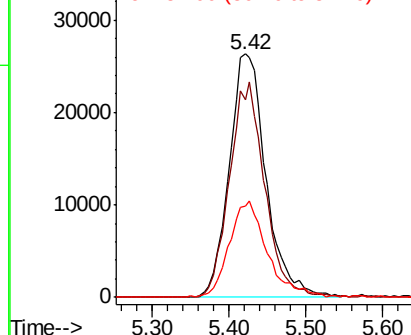
53 100

52 85.1 66.2 99.2

51 40.6 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 257.310 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065871.D

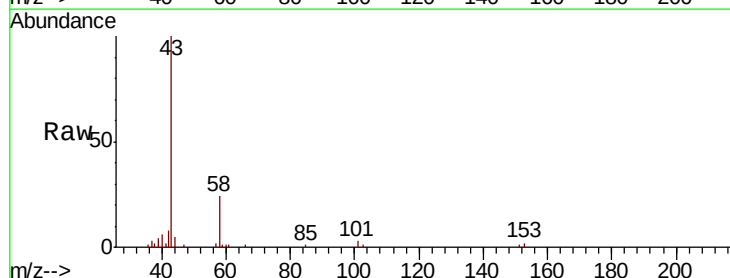
Acq: 23 Jun 2020 20:13

Tgt Ion: 43 Resp: 75718

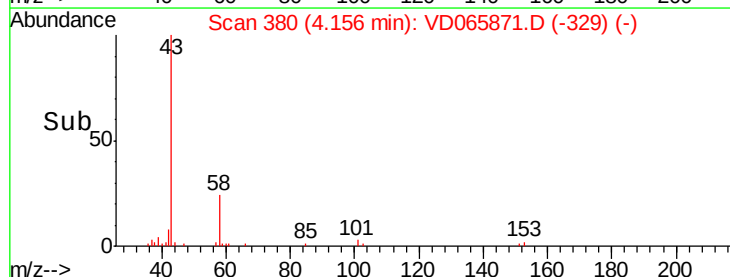
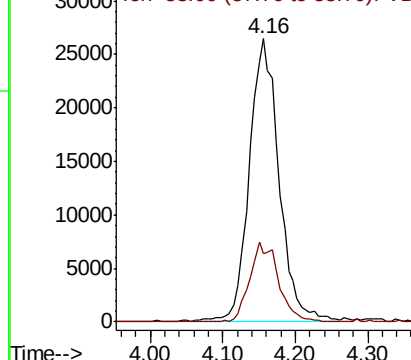
Ion Ratio Lower Upper

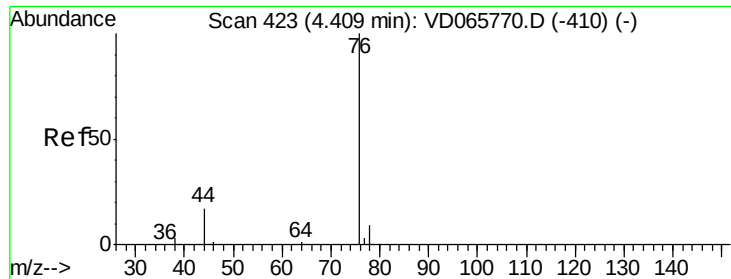
43 100

58 24.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

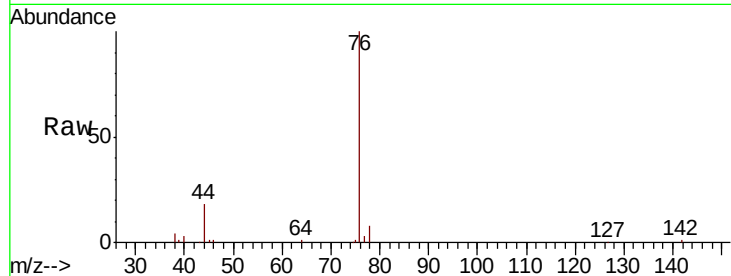




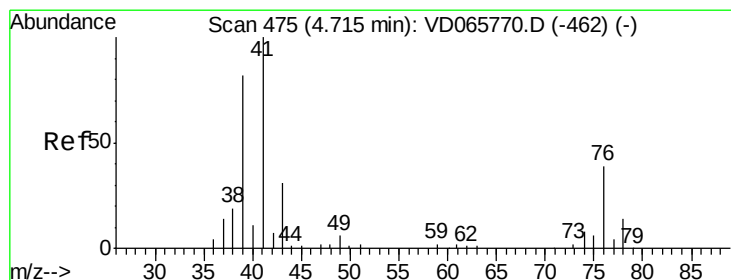
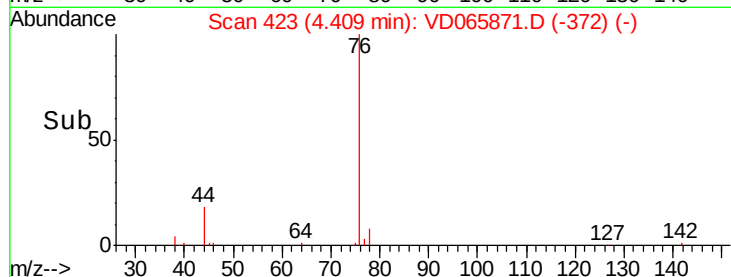
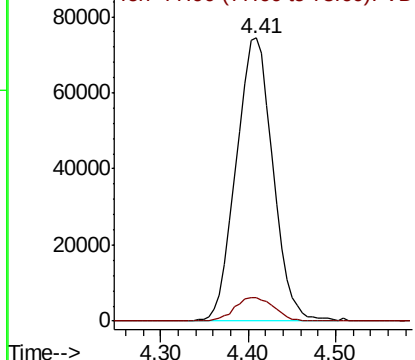
#17
Carbon Disulfide
Concen: 44.122 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 212389
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

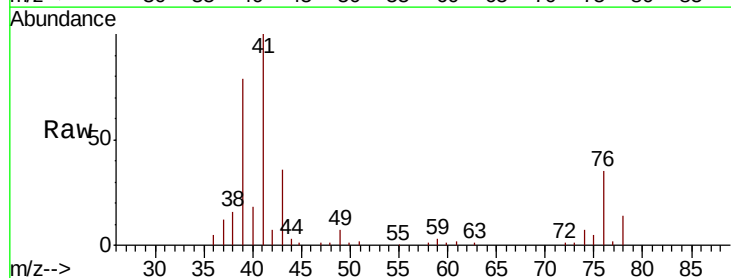


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

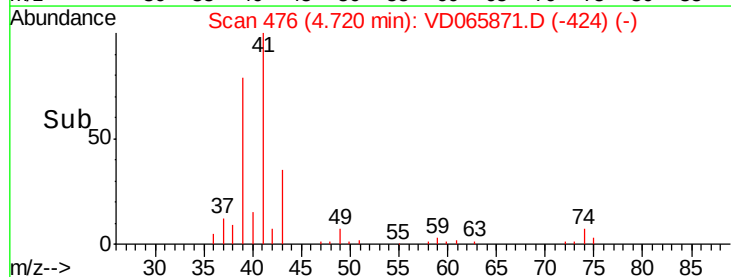
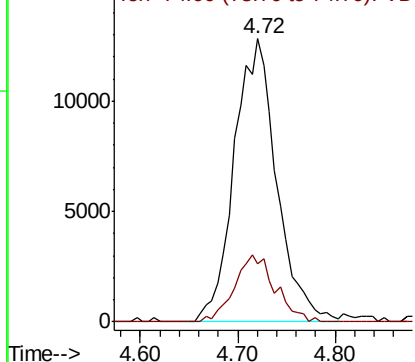


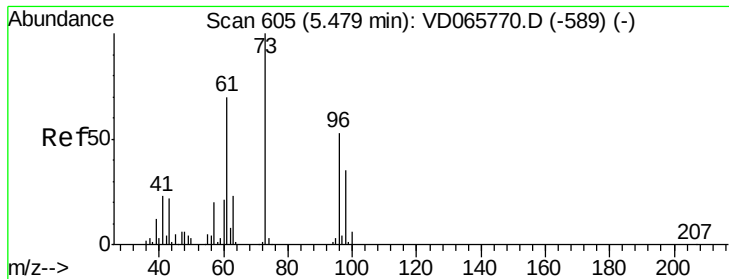
#18
Methyl Acetate
Concen: 59.371 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 43 Resp: 38955
Ion Ratio Lower Upper
43 100
74 22.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

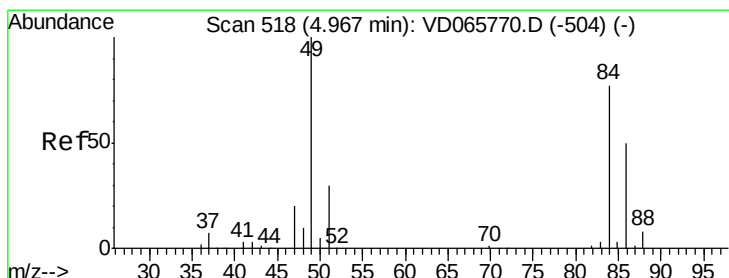
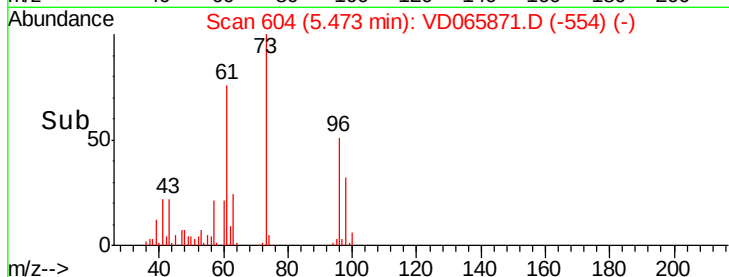
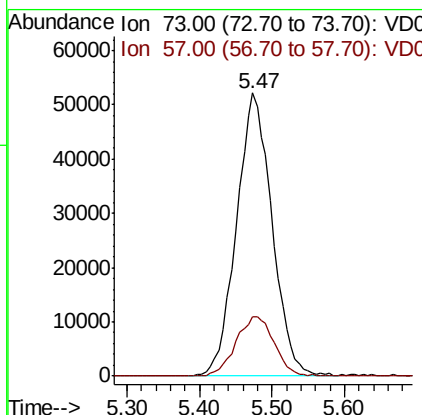
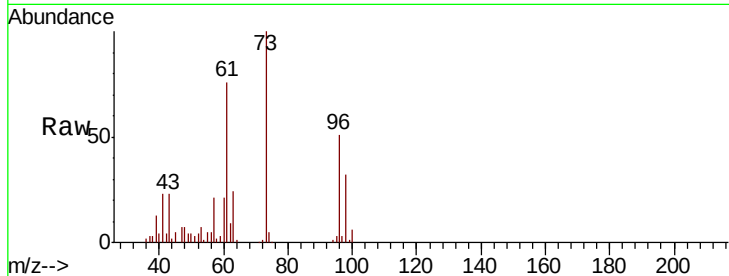




#19
Methyl tert-butyl Ether
Concen: 54.604 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

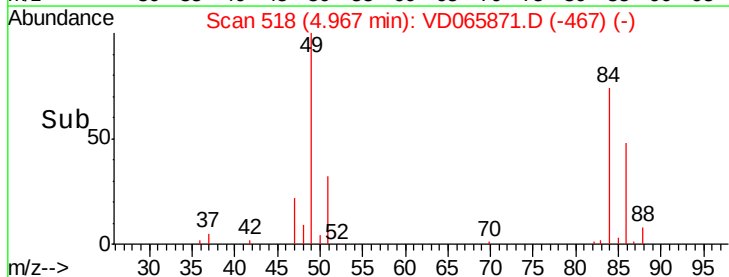
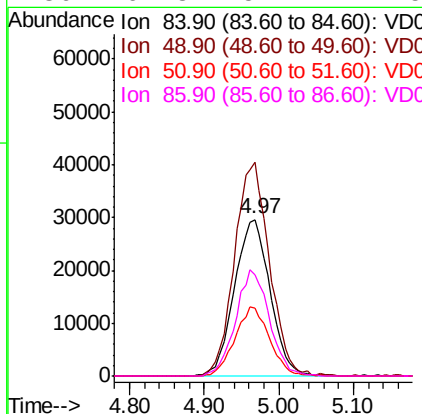
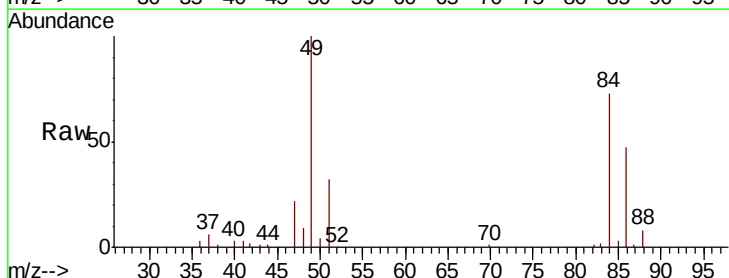
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

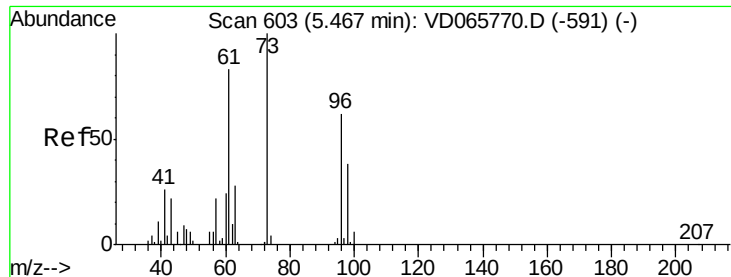
Tot Ion: 73 Resp: 177386
Ion Ratio Lower Upper
73 100
57 21.2 16.2 24.2



#20
Methylene Chloride
Concen: 64.137 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 84 Resp: 98265
Ion Ratio Lower Upper
84 100
49 136.4 103.4 155.0
51 43.6 31.4 47.2
86 64.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.838 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

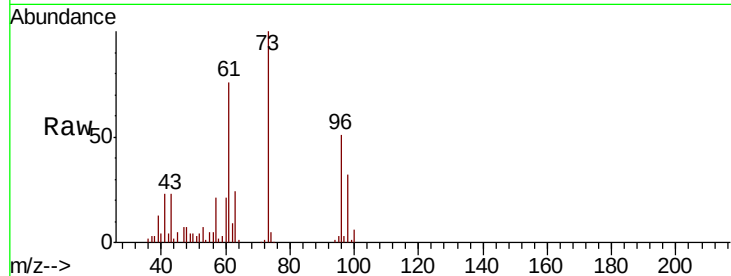
Tot Ion: 96 Resp: 82029

Ion Ratio Lower Upper

96 100

61 150.2 107.7 161.5

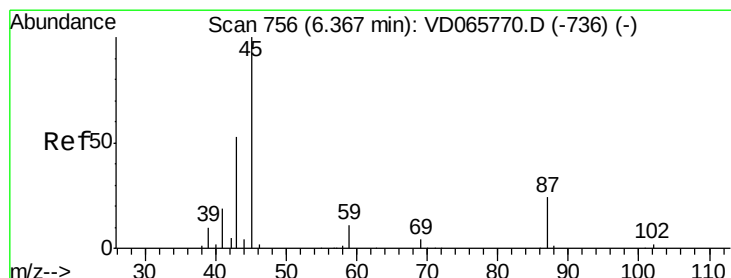
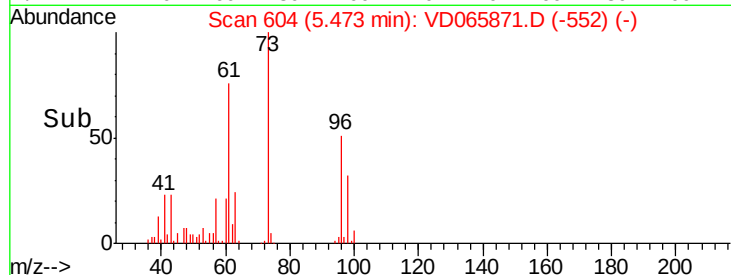
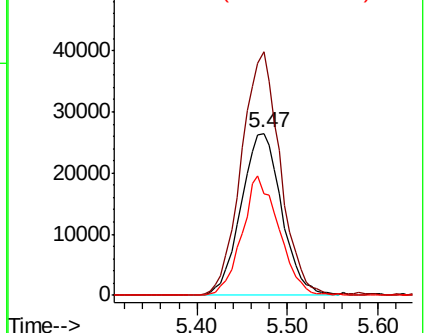
98 62.7 49.3 73.9



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



#22

Diisopropyl ether

Concen: 58.472 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion: 45 Resp: 280057

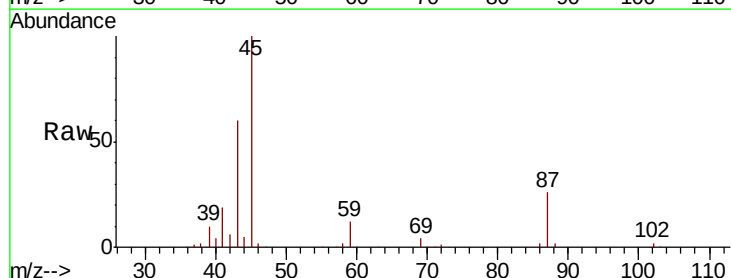
Ion Ratio Lower Upper

45 100

43 58.6 43.4 65.0

87 26.1 20.2 30.4

59 11.6 9.4 14.0

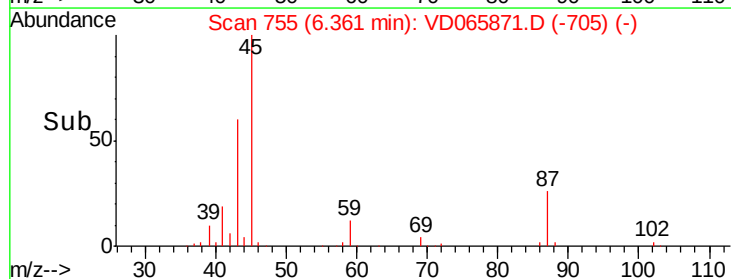
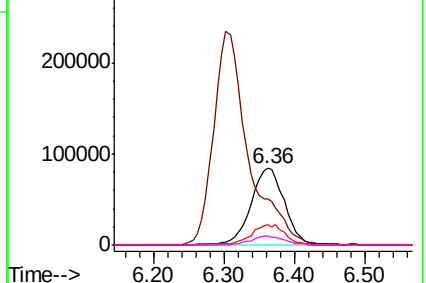


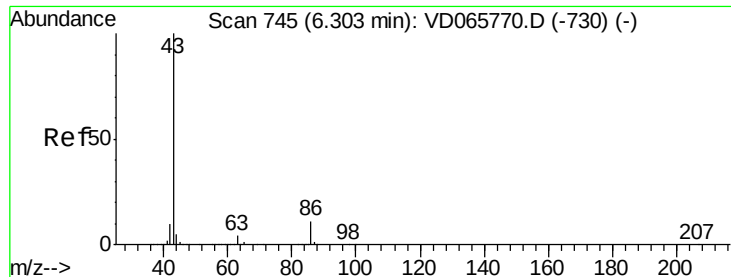
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 298.408 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

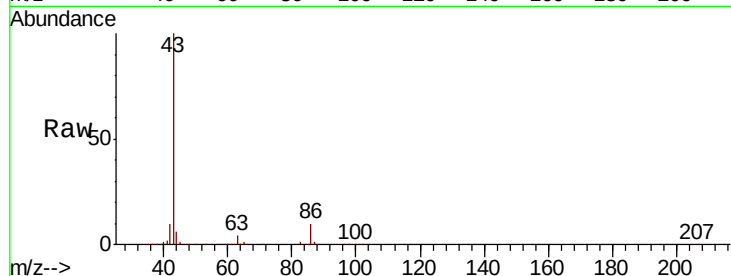
VSTDCCC050EC

Tot Ion: 43 Resp: 807076

Ion Ratio Lower Upper

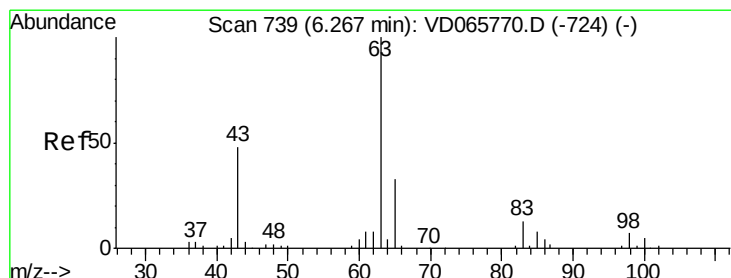
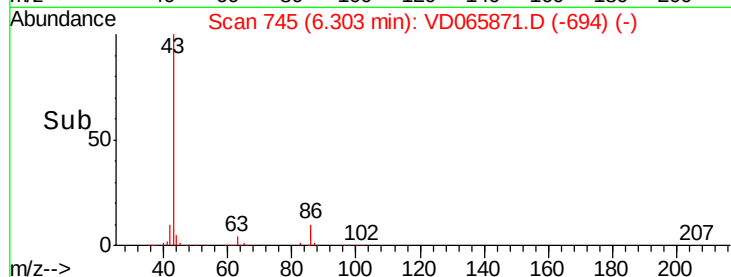
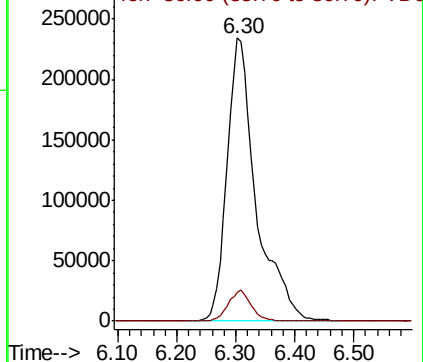
43 100

86 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.782 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

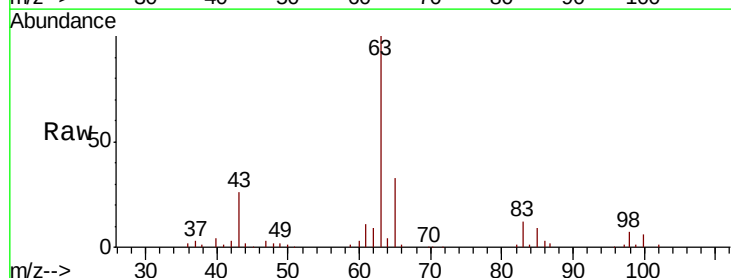
Tgt Ion: 63 Resp: 156950

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

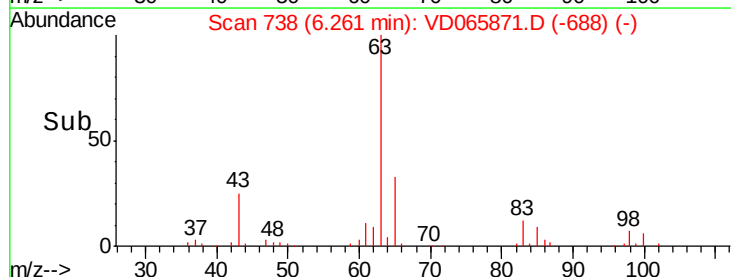
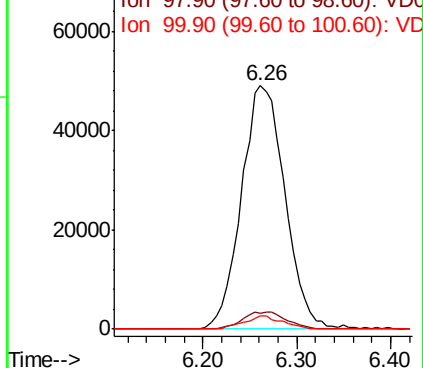
100 5.7 2.3 6.9

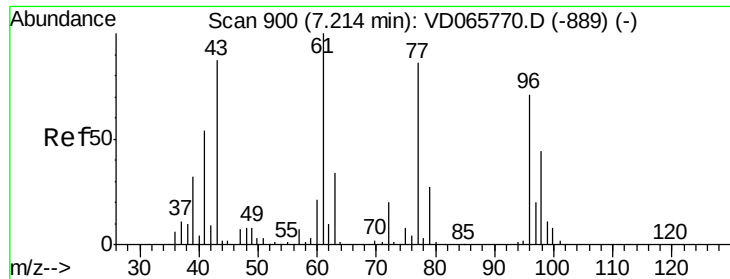


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

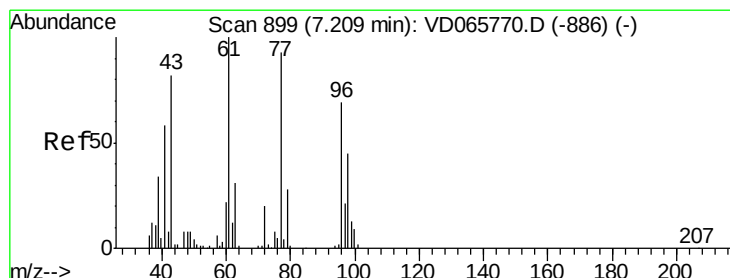
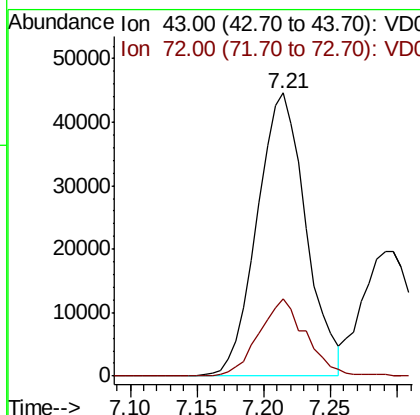
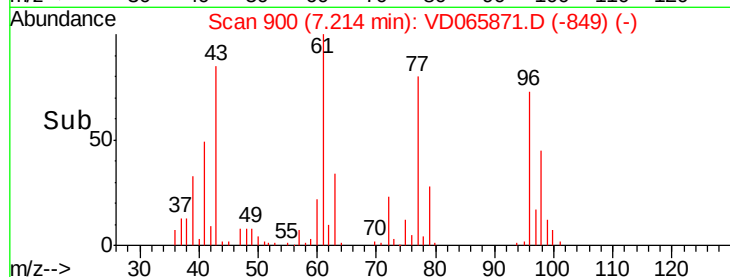
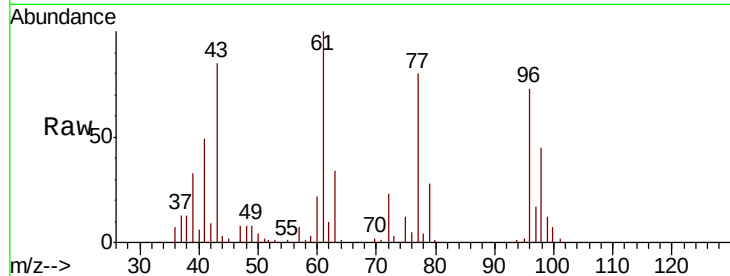




#25
2-Butanone
Concen: 279.719 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

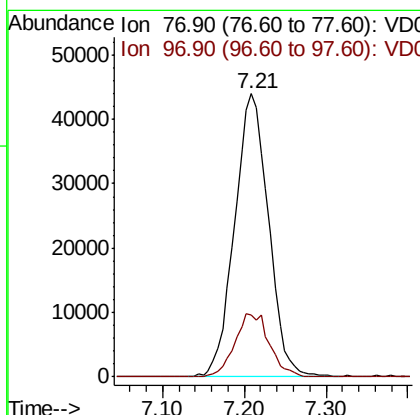
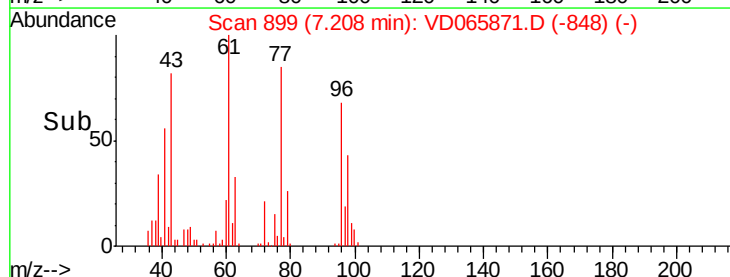
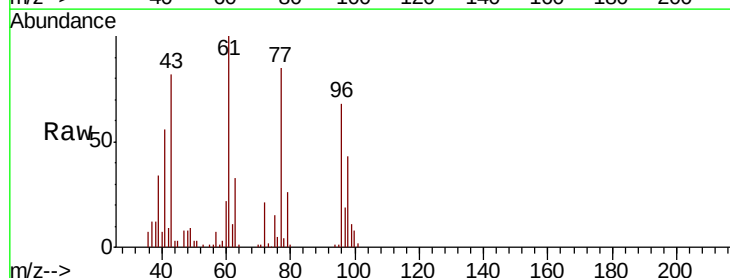
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

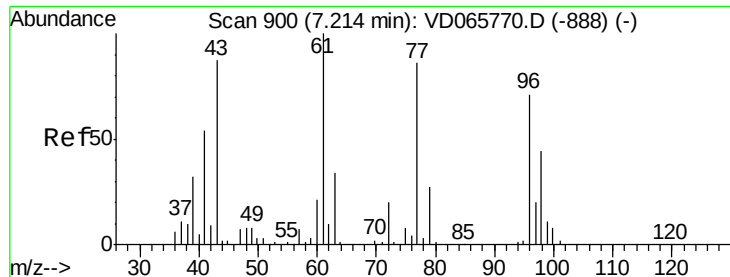
Tot Ion: 43 Resp: 113678
Ion Ratio Lower Upper
43 100
72 27.2 18.5 27.7



#26
2,2-Dichloropropane
Concen: 48.999 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 77 Resp: 126788
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.7



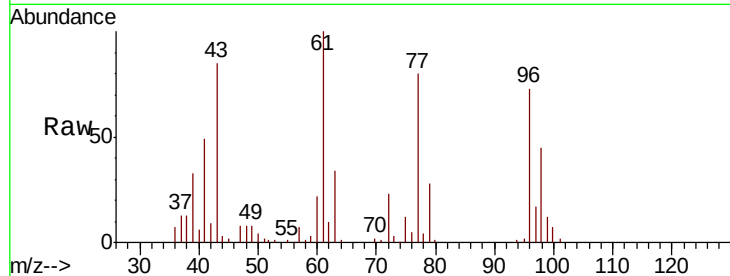


#27

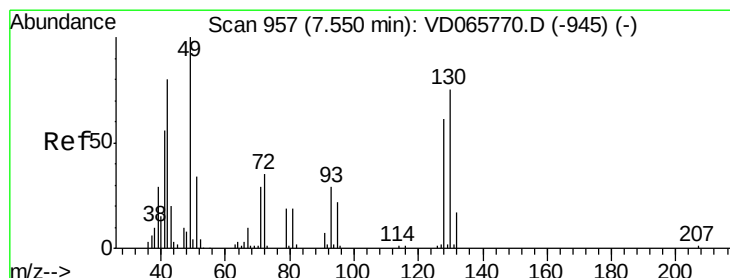
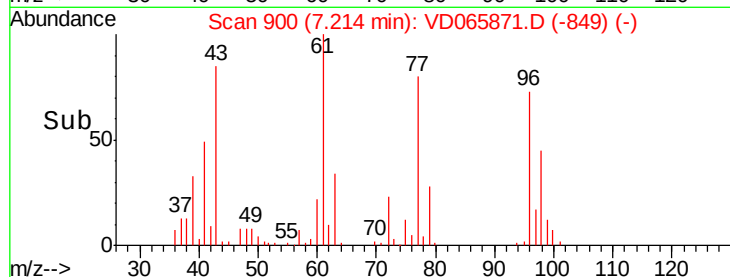
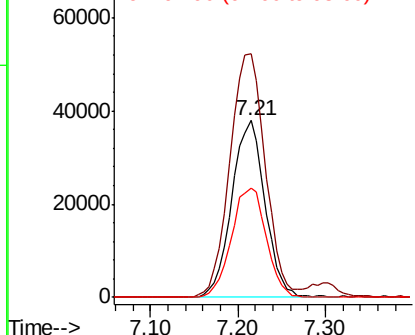
cis-1,2-Dichloroethene
Concen: 54.125 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 97791
Ion Ratio Lower Upper
96 100
61 147.2 0.0 291.2
98 64.4 0.0 128.8



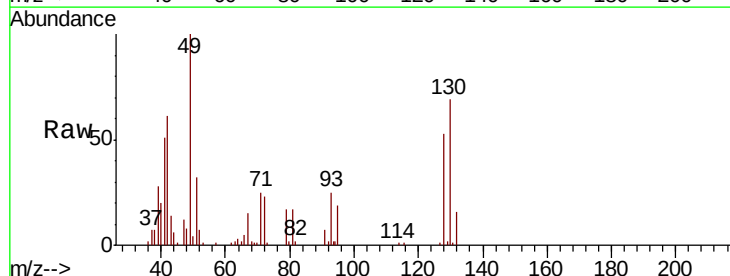
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



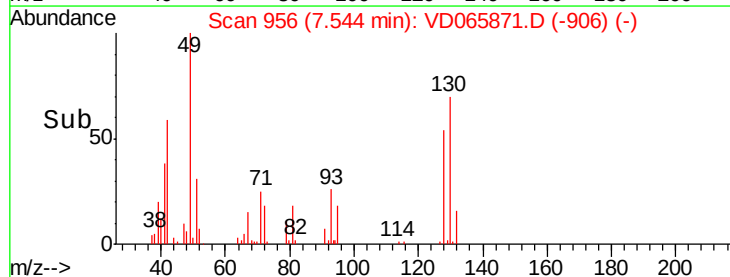
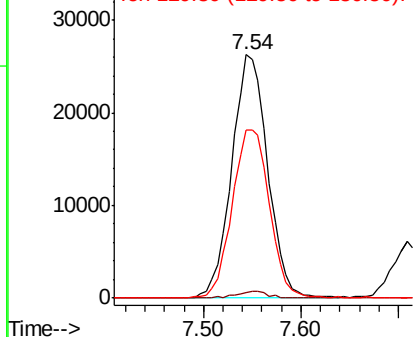
#28

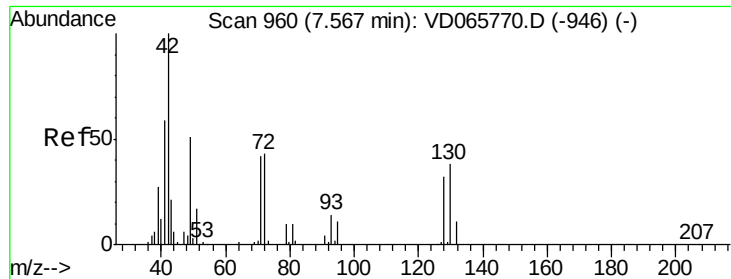
Bromochloromethane
Concen: 59.519 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 49 Resp: 67085
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 71.7 59.5 89.3



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: 301.230 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

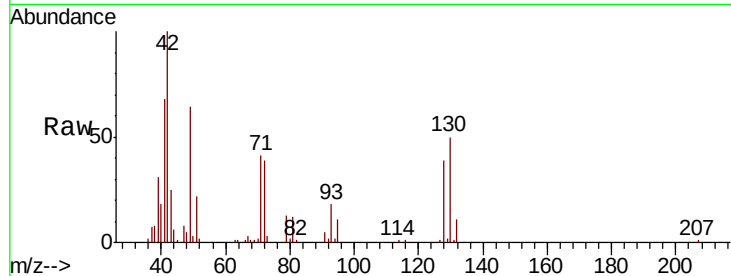
Tot Ion: 42 Resp: 77372

Ion Ratio Lower Upper

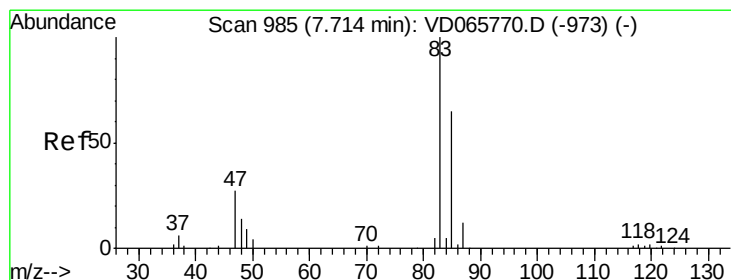
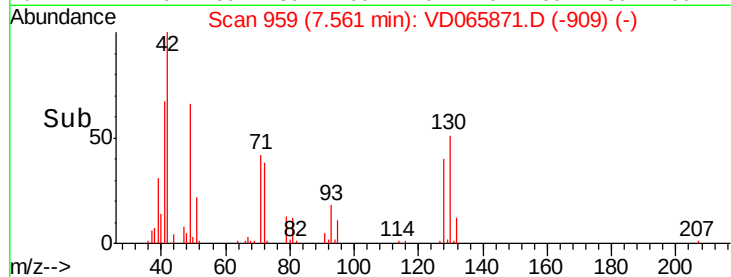
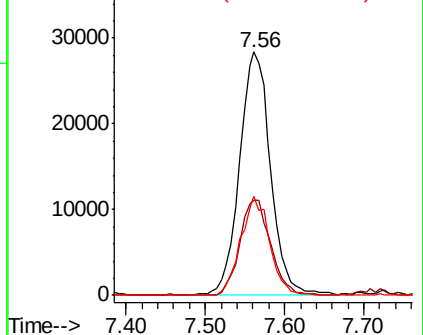
42 100

72 38.8 34.9 52.3

71 37.8 31.2 46.8



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



#30

Chloroform

Concen: 55.634 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065871.D

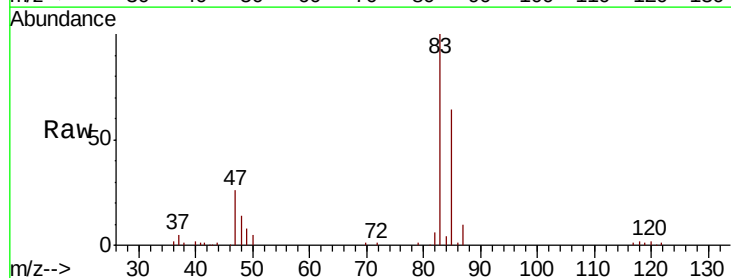
Acq: 23 Jun 2020 20:13

Tgt Ion: 83 Resp: 168283

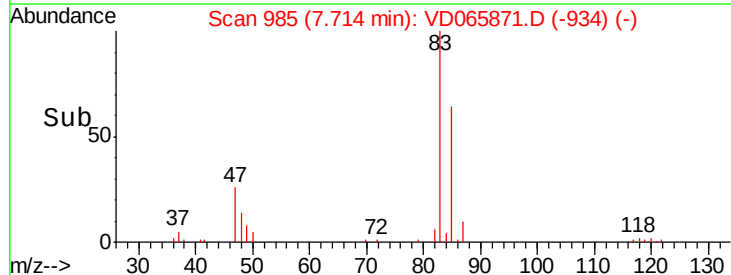
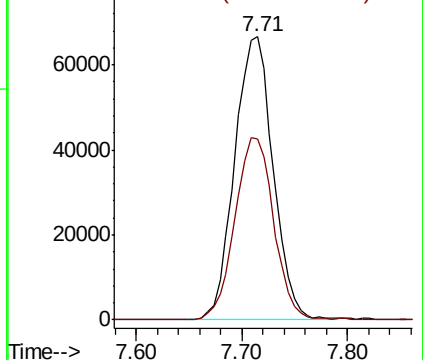
Ion Ratio Lower Upper

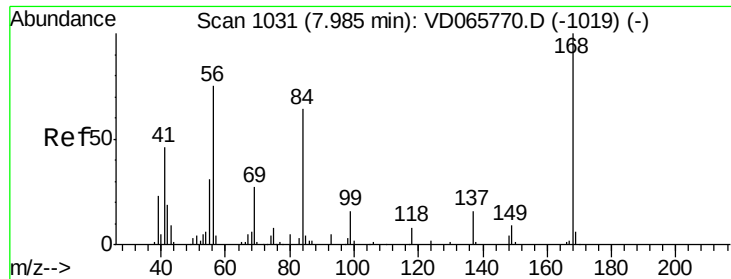
83 100

85 63.8 51.9 77.9



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

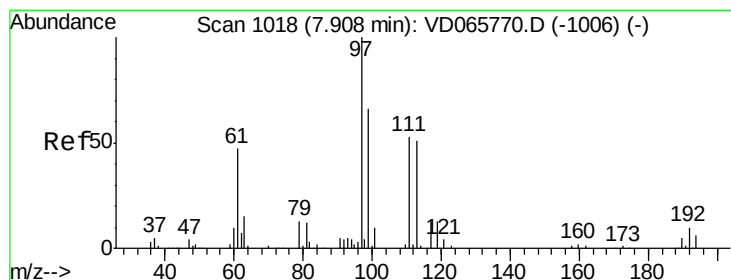
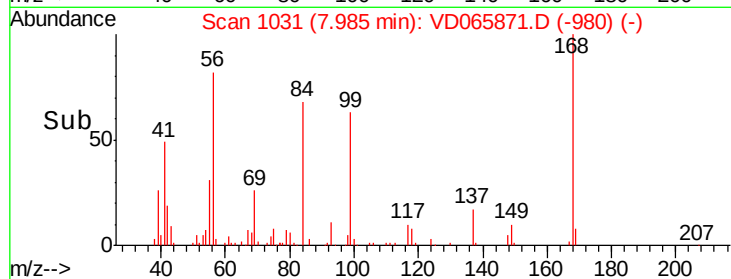
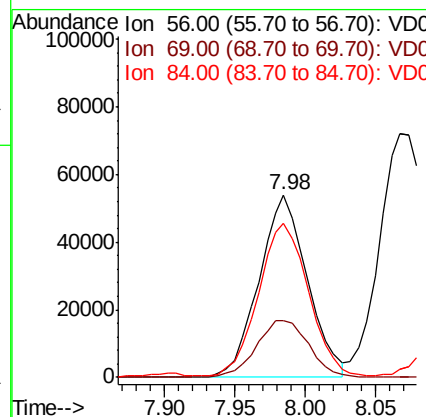
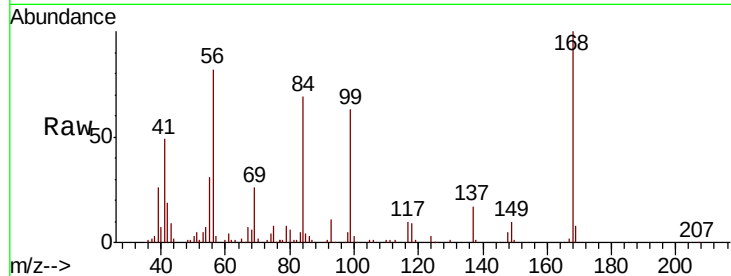




#31
Cyclohexane
Concen: 46.081 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

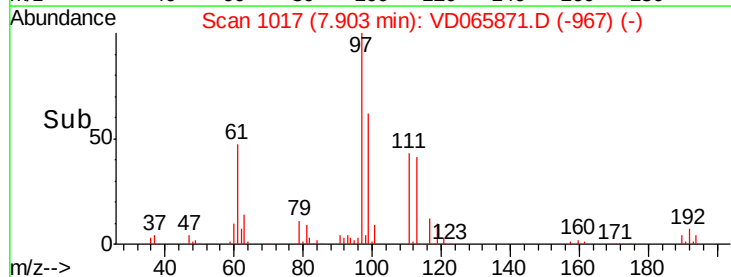
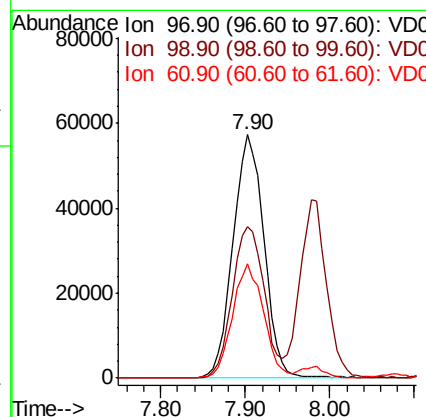
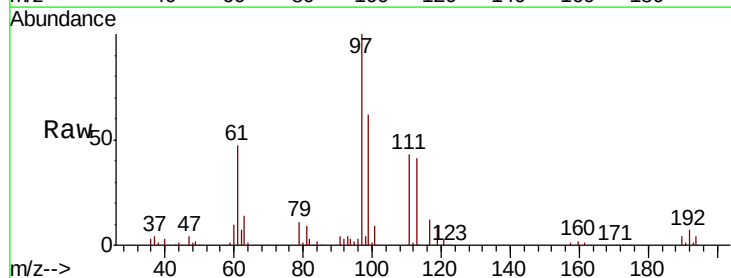
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

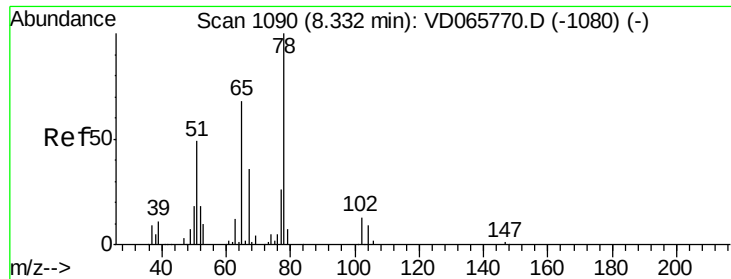
Tot Ion: 56 Resp: 128918
Ion Ratio Lower Upper
56 100
69 31.2 28.5 42.7
84 83.6 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 52.313 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 97 Resp: 145501
Ion Ratio Lower Upper
97 100
99 64.0 49.2 73.8
61 47.0 36.0 54.0

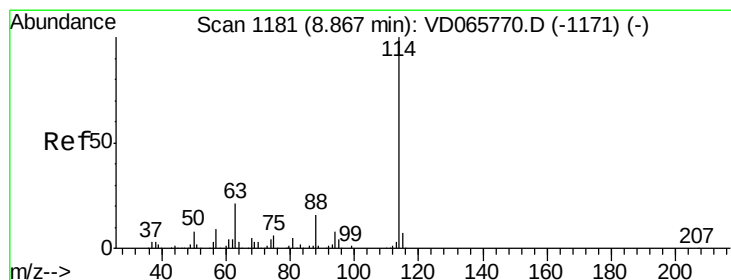
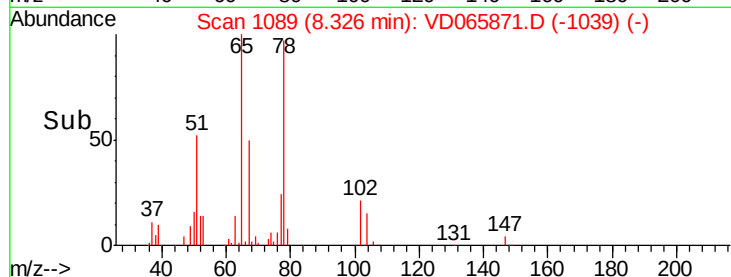
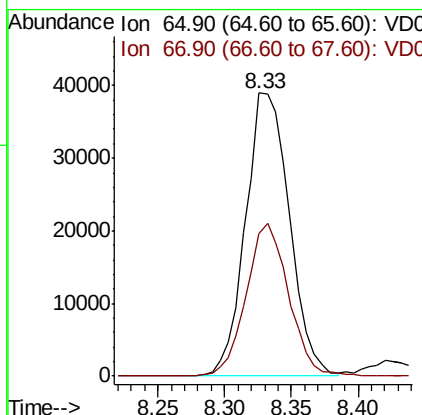
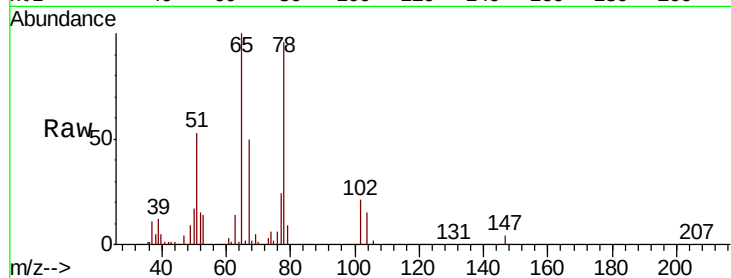




#33
 1,2-Dichloroethane-d4
 Concen: 56.990 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

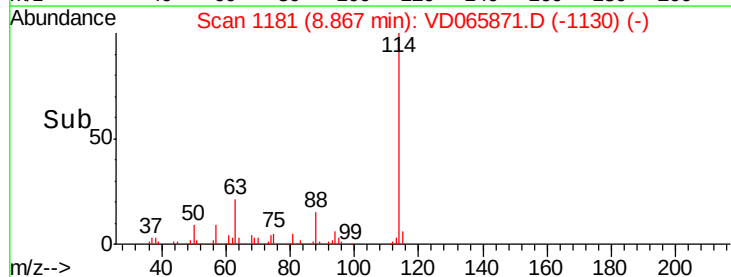
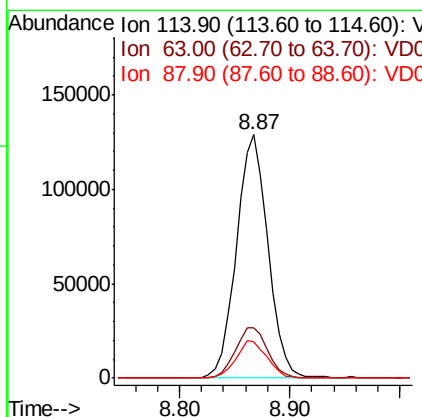
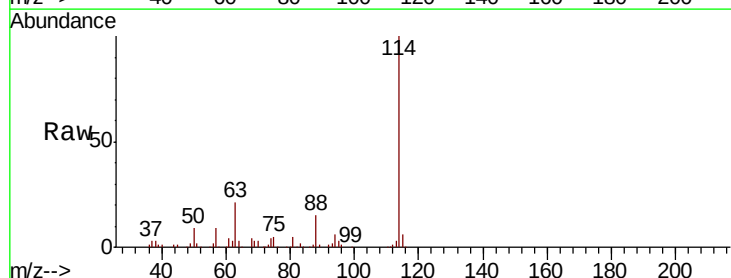
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

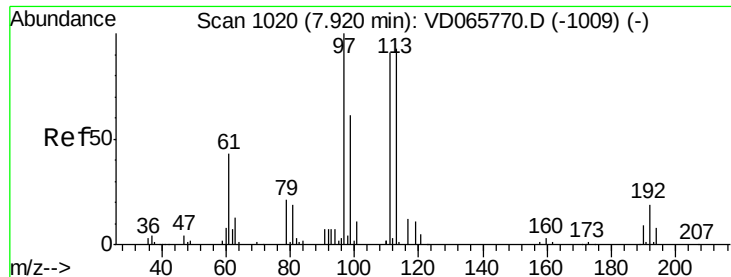
Tot Ion: 65 Resp: 88905
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 114 Resp: 258695
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 14.6 0.0 32.0

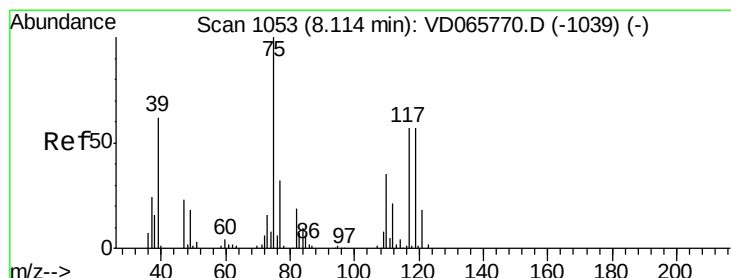
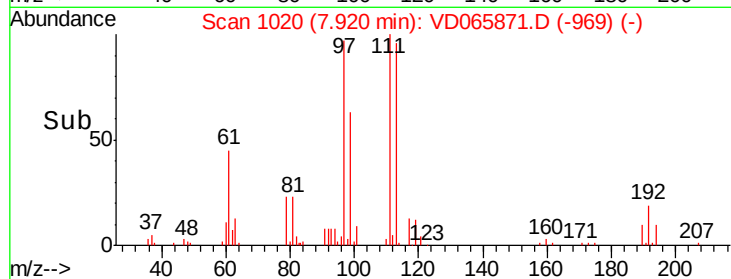
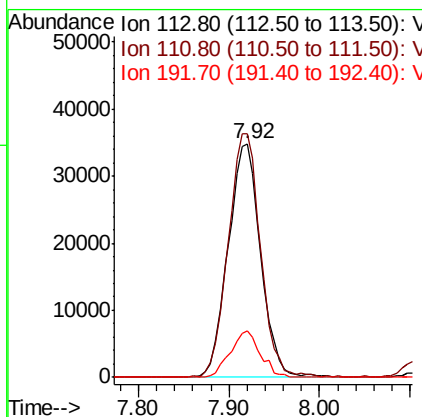
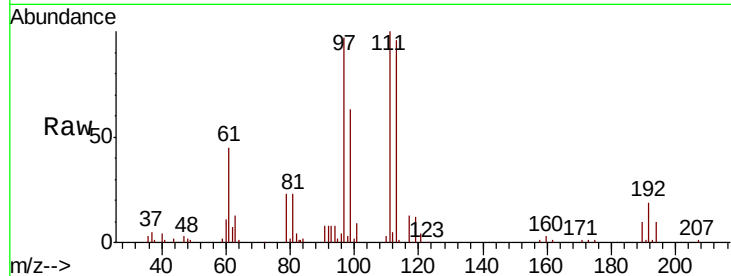




#35
 Dibromofluoromethane
 Concen: 53.078 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

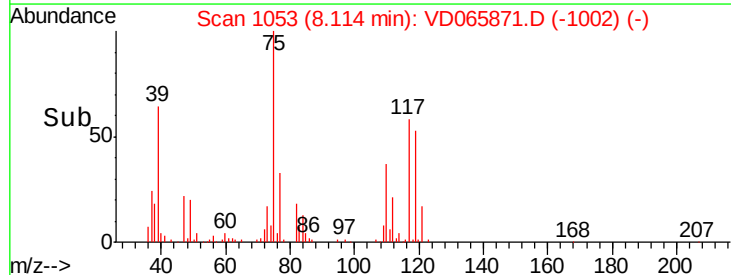
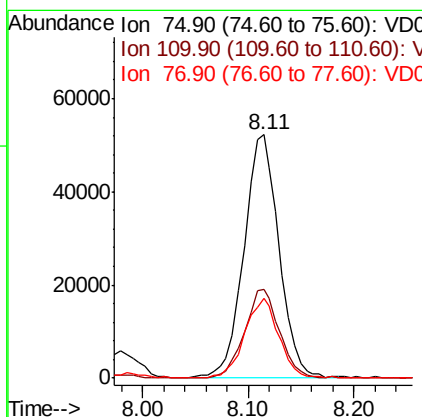
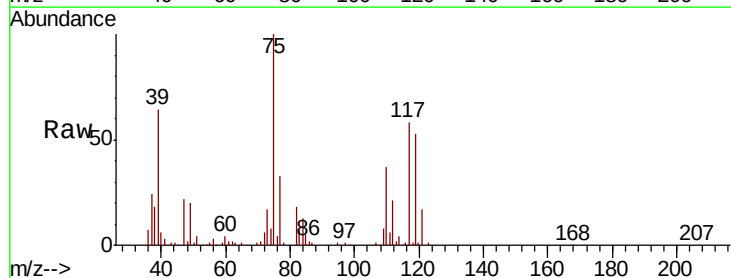
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

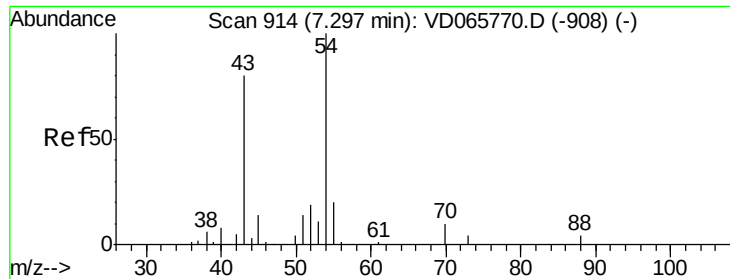
Tot Ion:113 Resp: 86733
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.0
 192 18.5 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 48.700 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 75 Resp: 120684
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.6 52.8
 77 32.0 25.1 37.7





#37

Ethyl Acetate

Concen: 56.224 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

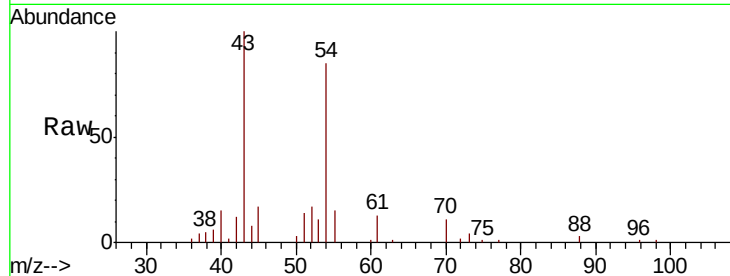
Tot Ion: 43 Resp: 54880

Ion Ratio Lower Upper

43 100

61 13.0 10.6 15.8

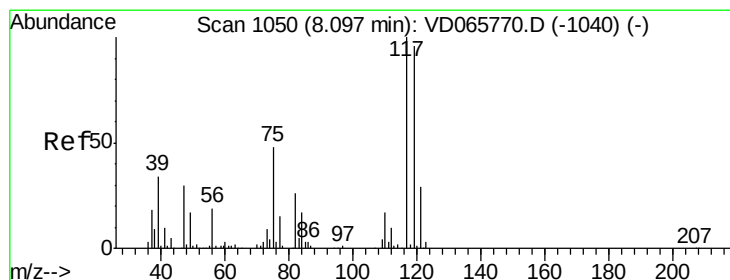
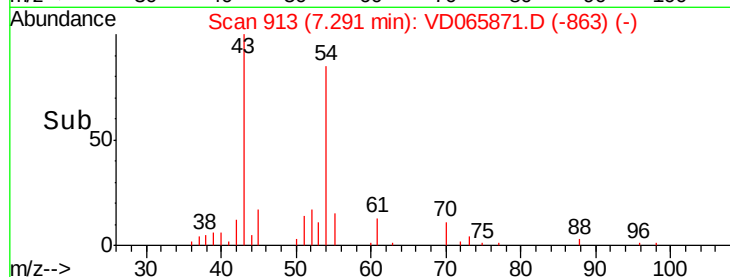
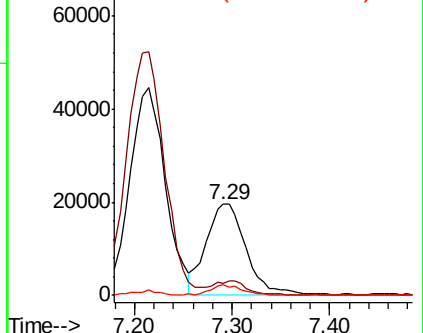
70 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 49.924 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

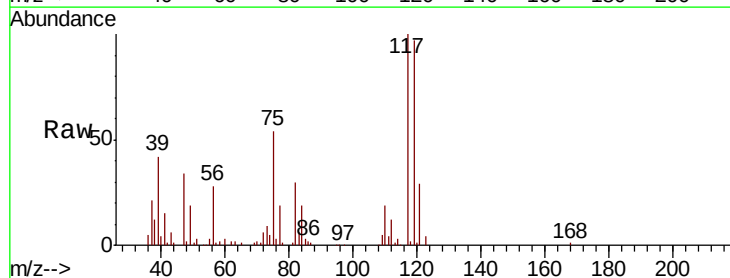
Tgt Ion: 117 Resp: 130203

Ion Ratio Lower Upper

117 100

119 97.2 76.8 115.2

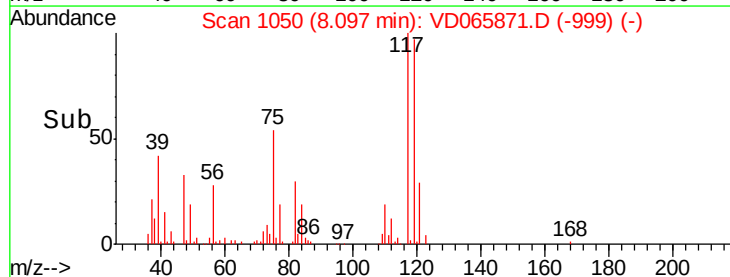
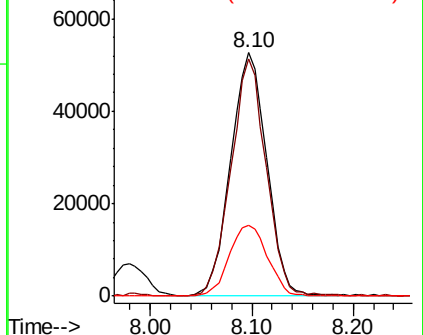
121 28.9 23.4 35.2

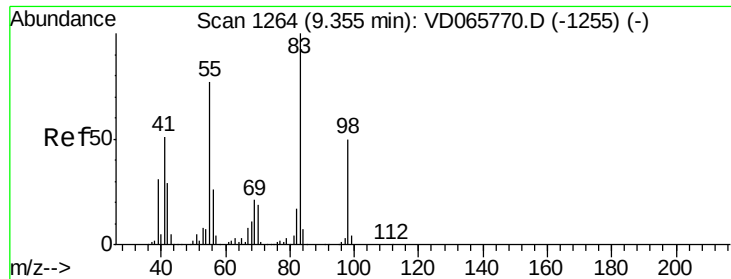


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

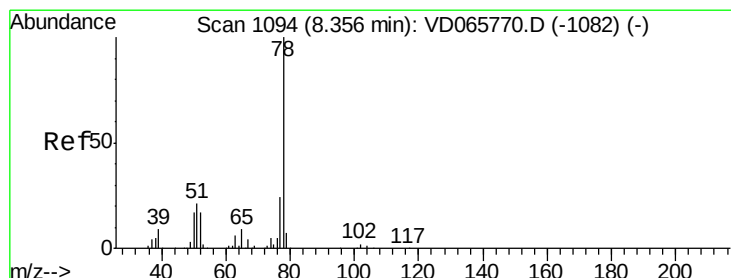
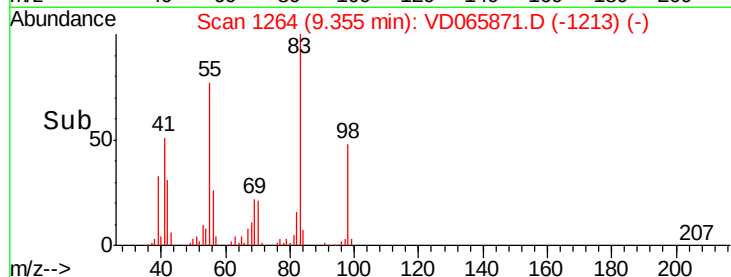
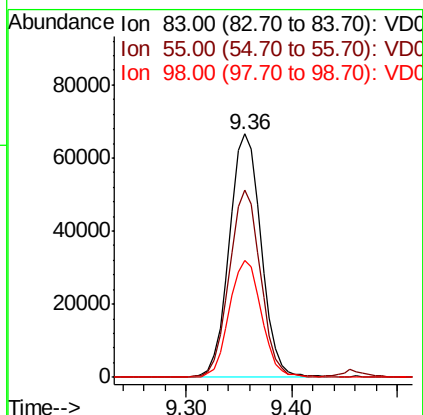
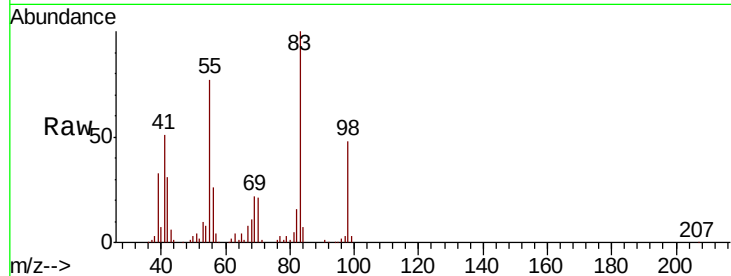




#39
Methylvlcyclohexane
Concen: 47.202 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

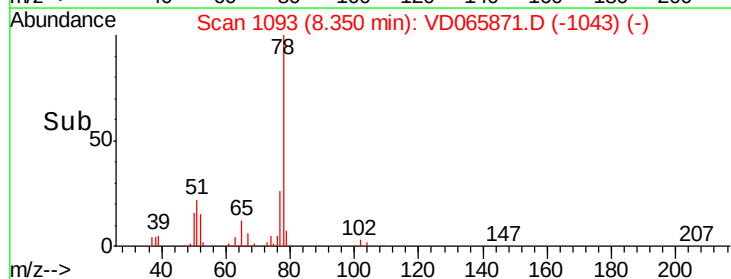
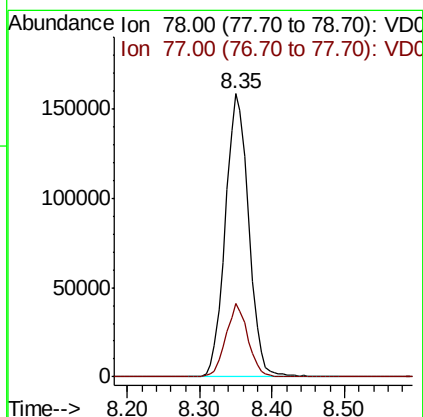
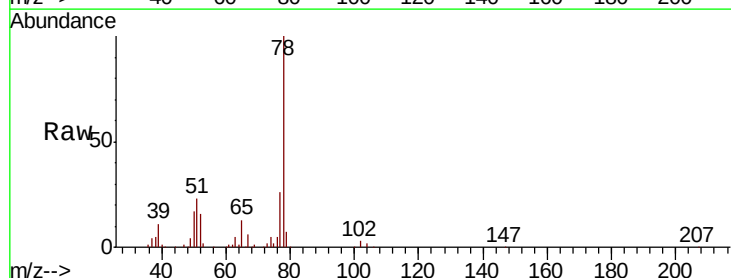
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

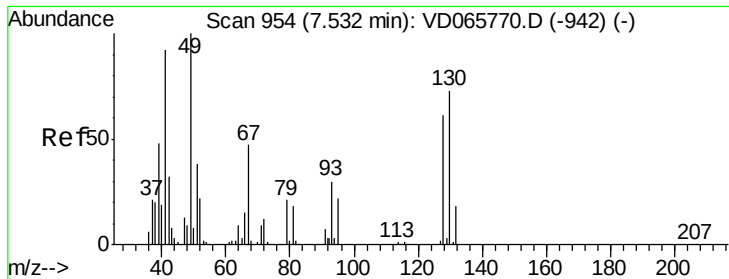
Tot Ion: 83 Resp: 138491
Ion Ratio Lower Upper
83 100
55 77.0 61.6 92.4
98 48.3 40.2 60.2



#40
Benzene
Concen: 52.457 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 78 Resp: 355377
Ion Ratio Lower Upper
78 100
77 25.7 19.2 28.8





#41

Methacrylonitrile

Concen: 46.745 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27169

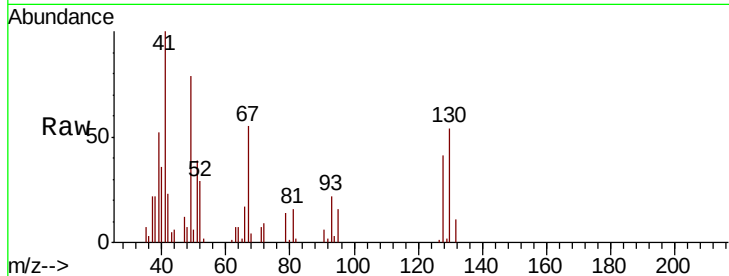
Ion Ratio Lower Upper

41 100

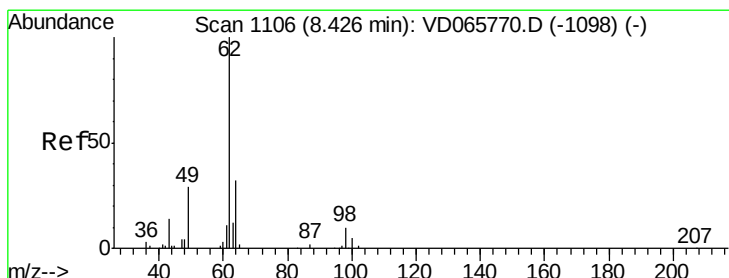
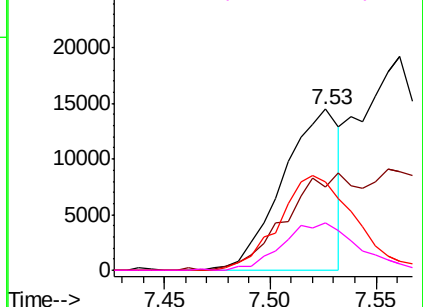
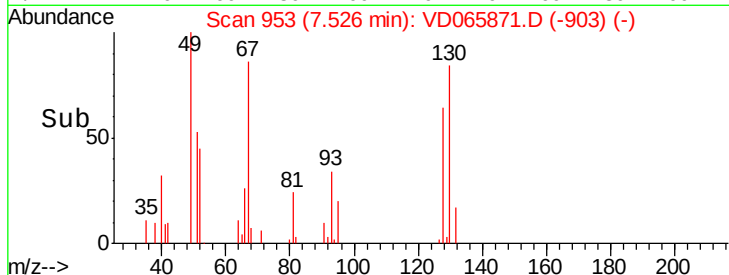
39 77.7 38.3 57.5#

67 78.0 49.8 74.6#

52 39.2 21.7 32.5#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 54.710 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065871.D

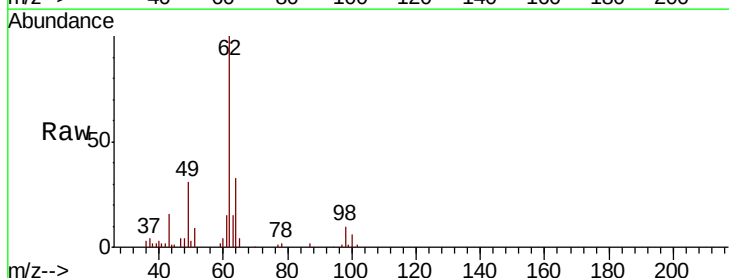
Acq: 23 Jun 2020 20:13

Tgt Ion: 62 Resp: 111834

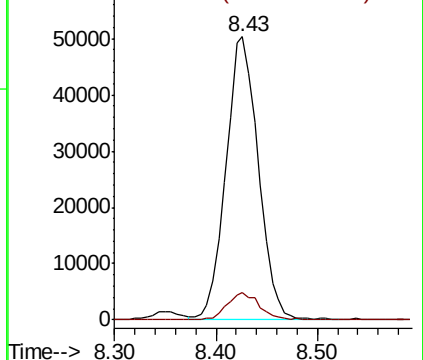
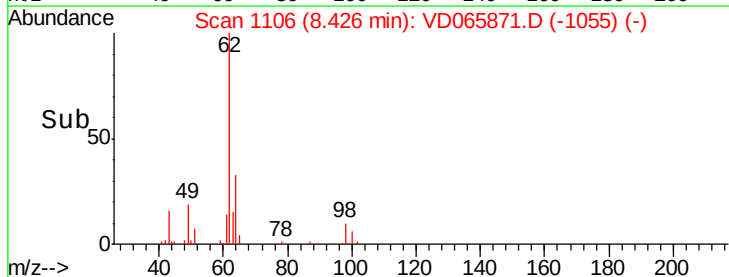
Ion Ratio Lower Upper

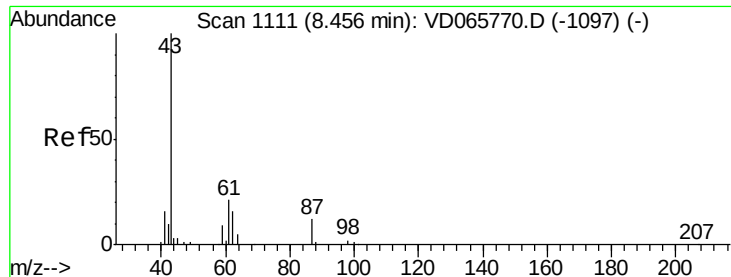
62 100

98 9.5 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 56.203 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

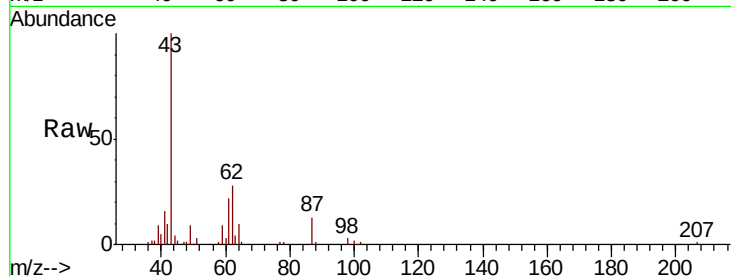
Tot Ion: 43 Resp: 109090

Ion Ratio Lower Upper

43 100

61 29.3 24.2 36.4

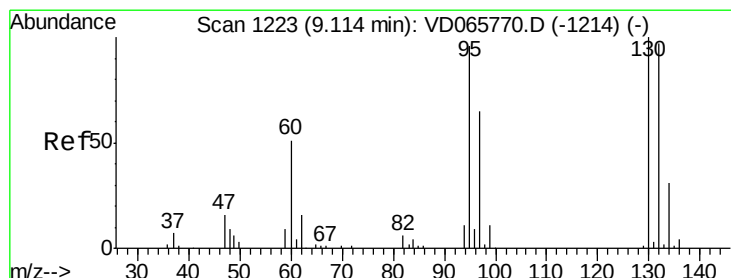
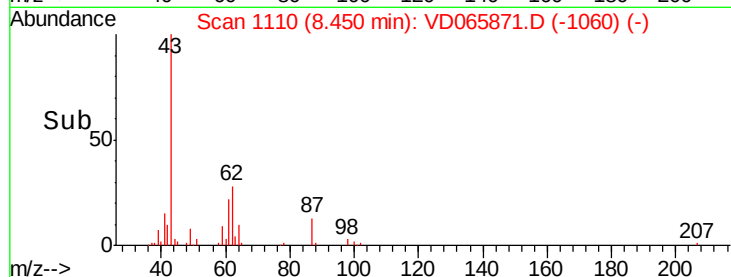
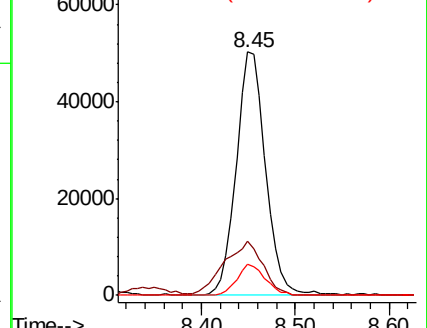
87 12.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.808 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065871.D

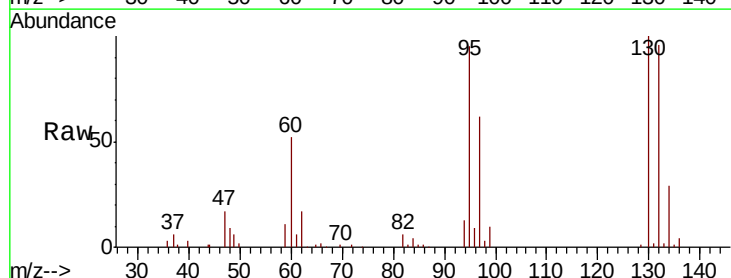
Acq: 23 Jun 2020 20:13

Tgt Ion:130 Resp: 93905

Ion Ratio Lower Upper

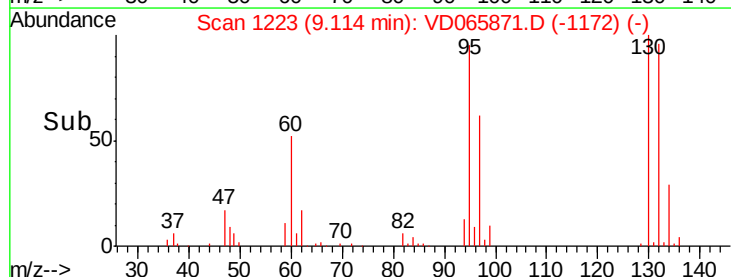
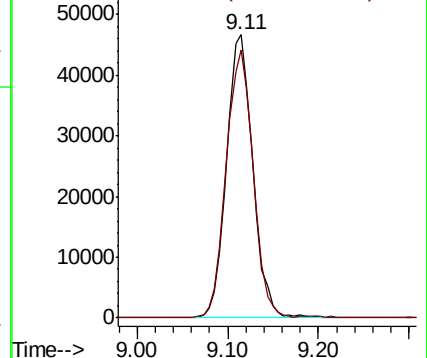
130 100

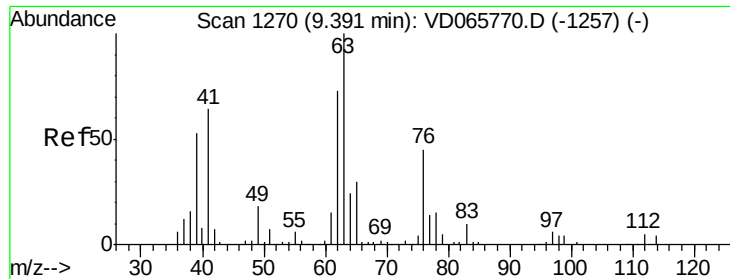
95 94.8 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

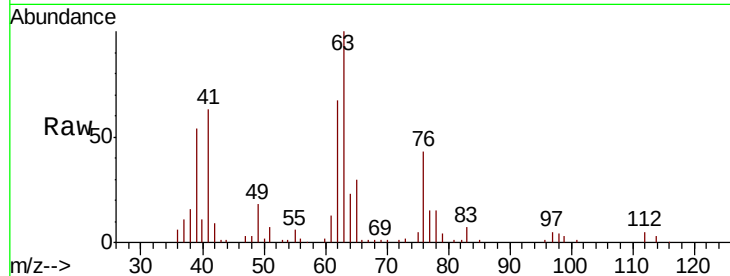




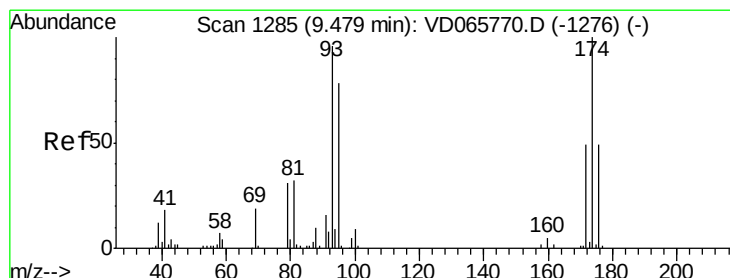
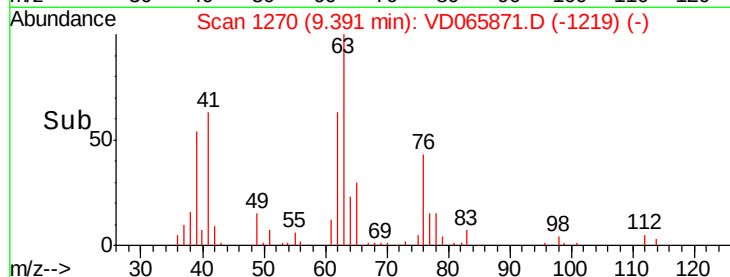
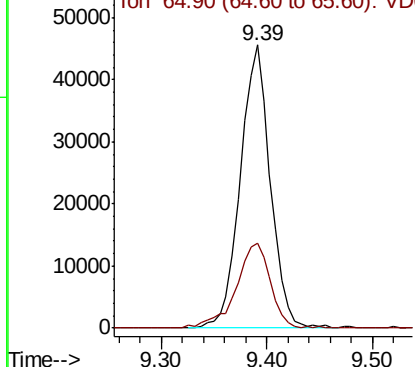
#45
 1,2-Dichloropropane
 Concen: 52.566 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 89481
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.2

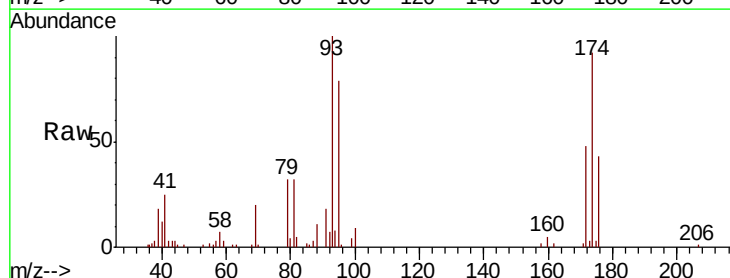


Abundance Ion 62.90 (62.60 to 63.60): VDC
 Ion 64.90 (64.60 to 65.60): VDC

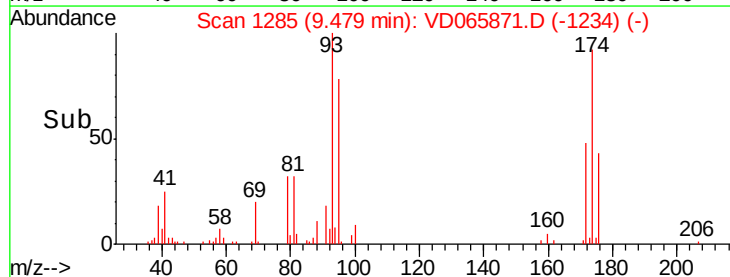
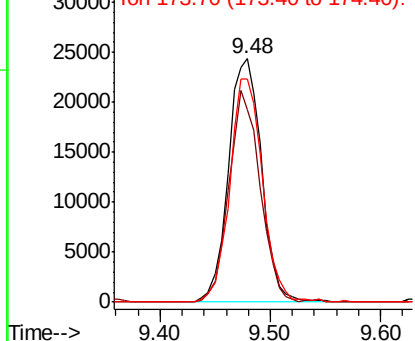


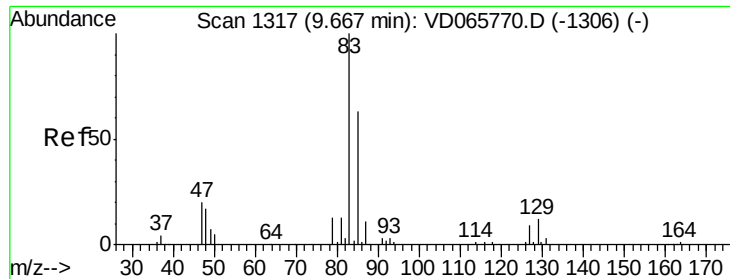
#46
 Dibromomethane
 Concen: 55.425 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 93 Resp: 51169
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.8 98.6
 174 91.0 80.9 121.3



Abundance Ion 92.80 (92.50 to 93.50): VDC
 Ion 94.80 (94.50 to 95.50): VDC
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.459 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

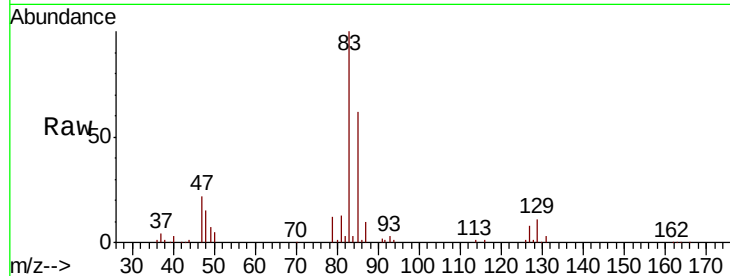
Tot Ion: 83 Resp: 137201

Ion Ratio Lower Upper

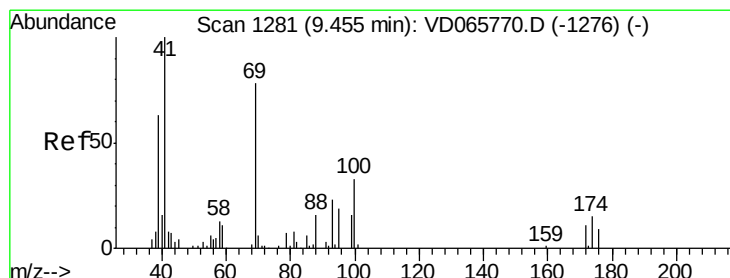
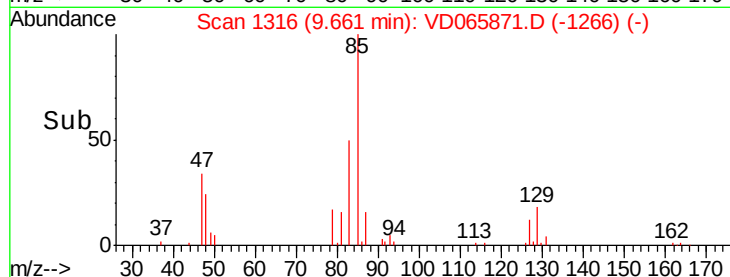
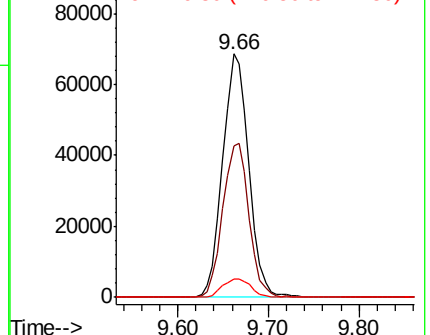
83 100

85 62.1 50.7 76.1

127 7.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 53.047 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

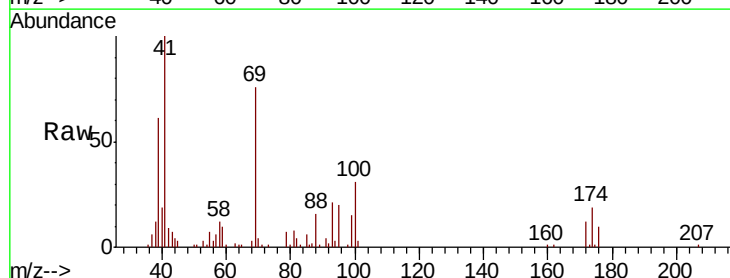
Tgt Ion: 41 Resp: 49839

Ion Ratio Lower Upper

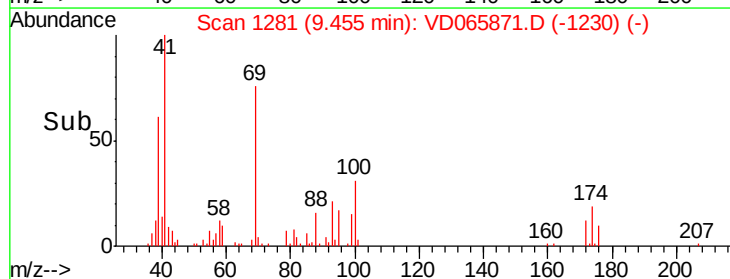
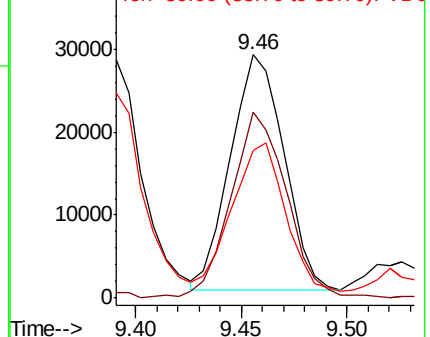
41 100

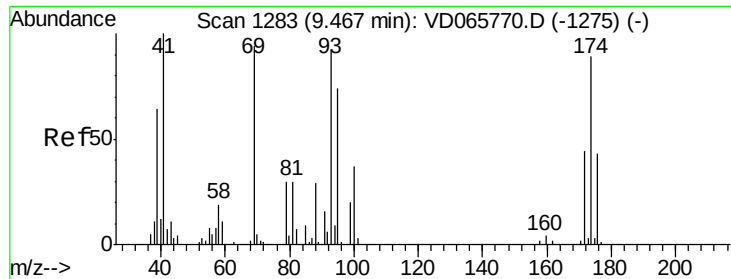
69 82.4 60.9 91.3

39 69.7 48.1 72.1



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1164.093 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

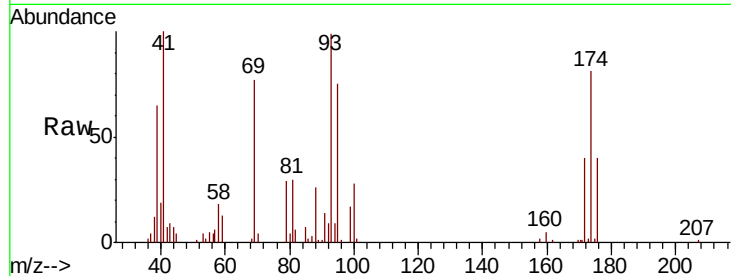
Tot Ion: 88 Resp: 11439

Ion Ratio Lower Upper

88 100

43 39.9 32.2 48.4

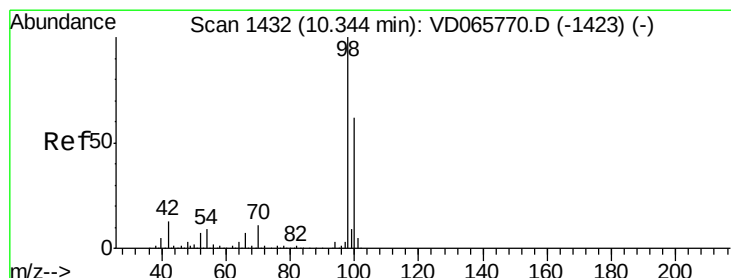
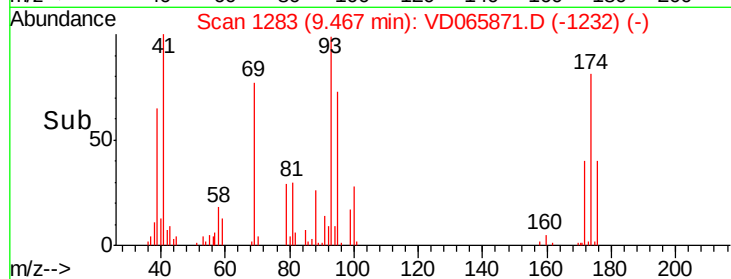
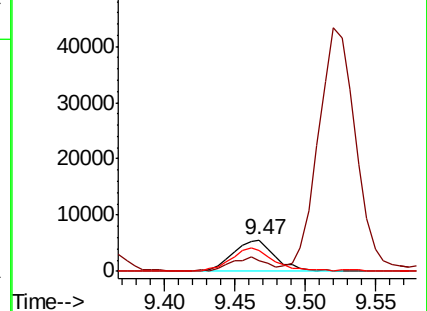
58 76.2 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 54.597 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065871.D

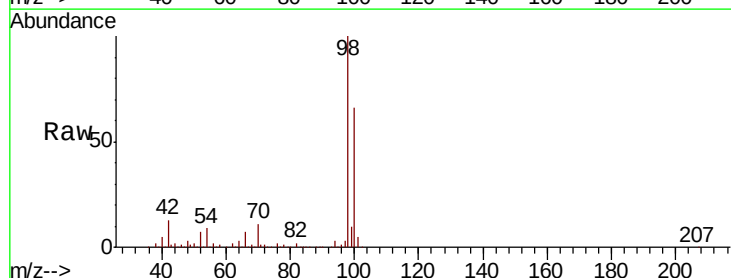
Acq: 23 Jun 2020 20:13

Tgt Ion: 98 Resp: 332672

Ion Ratio Lower Upper

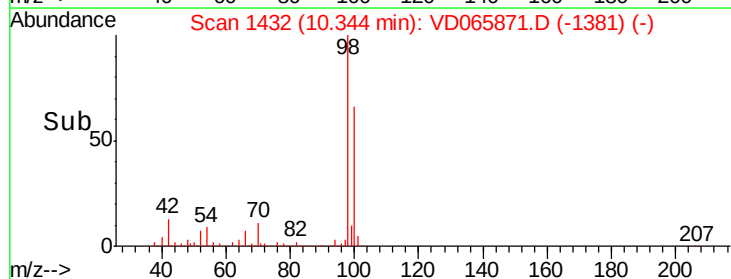
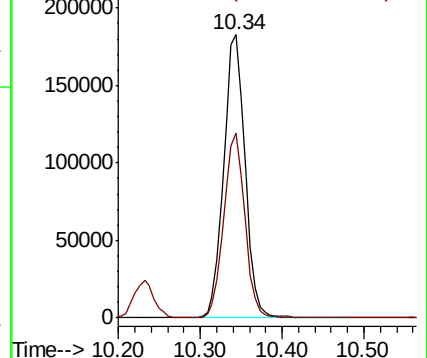
98 100

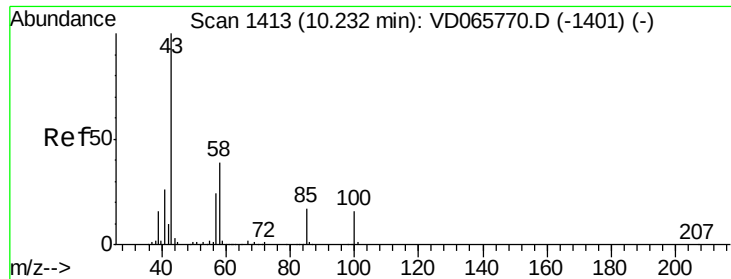
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 293.056 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

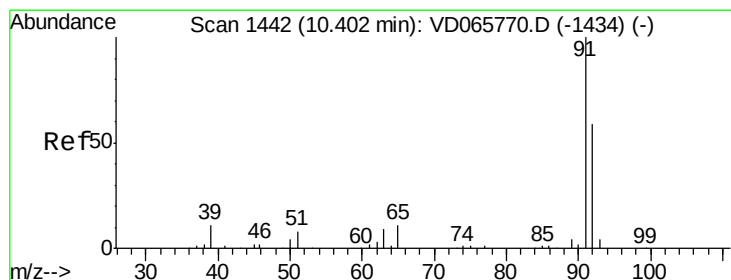
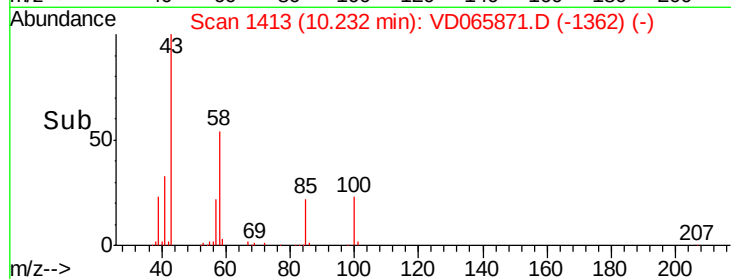
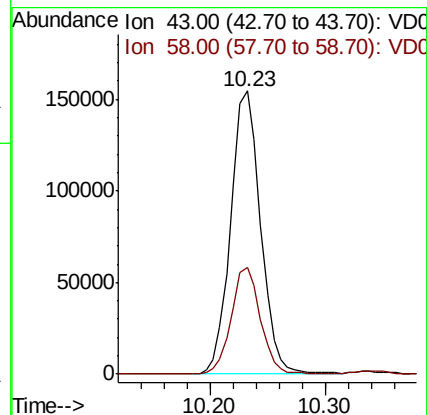
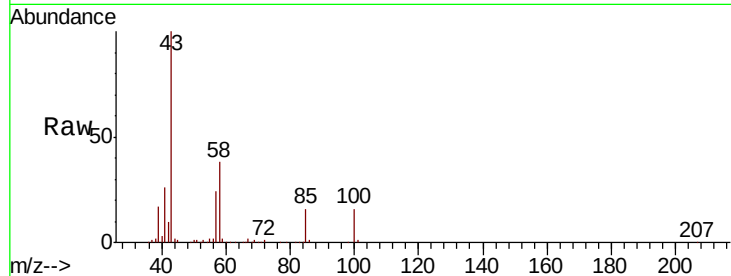
VSTDCCC050EC

Tot Ion: 43 Resp: 278727

Ion Ratio Lower Upper

43 100

58 36.8 30.7 46.1



#52

Toluene

Concen: 53.432 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065871.D

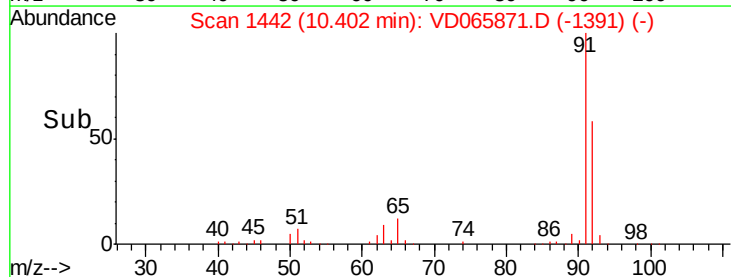
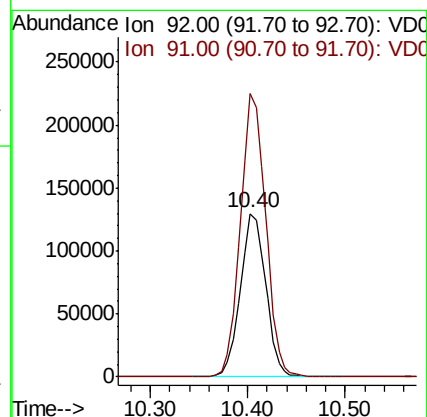
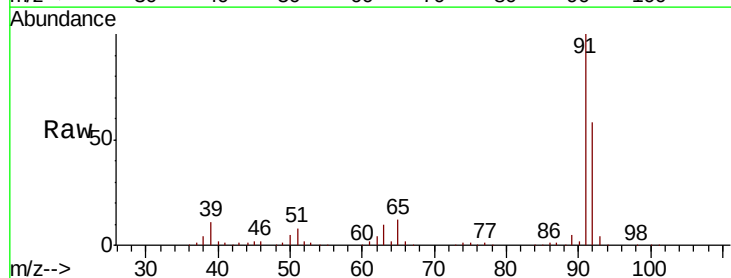
Acq: 23 Jun 2020 20:13

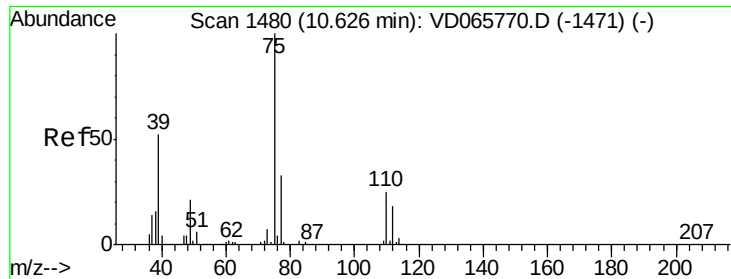
Tgt Ion: 92 Resp: 235206

Ion Ratio Lower Upper

92 100

91 172.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 55.617 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

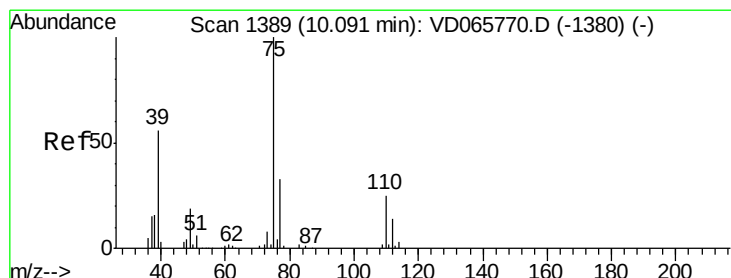
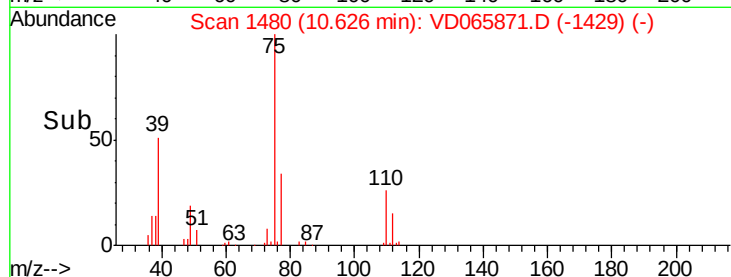
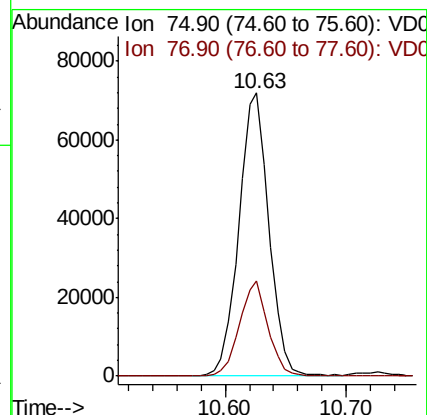
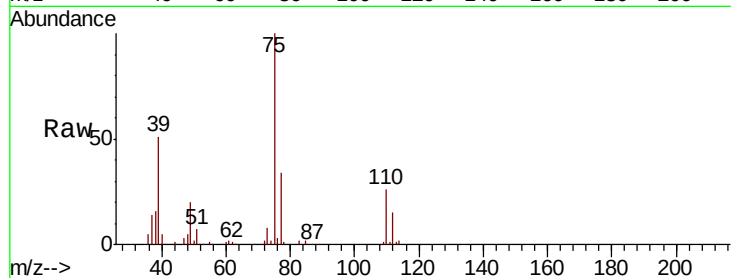
VSTDCCC050EC

Tot Ion: 75 Resp: 124596

Ion Ratio Lower Upper

75 100

77 33.5 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 54.766 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

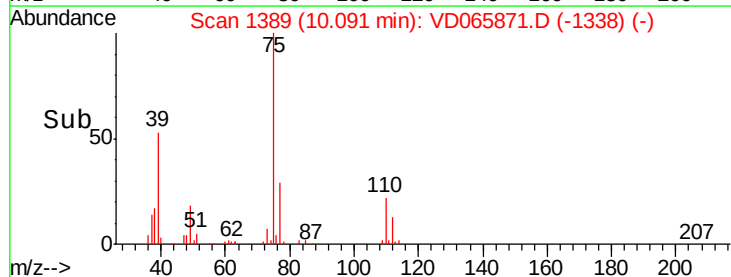
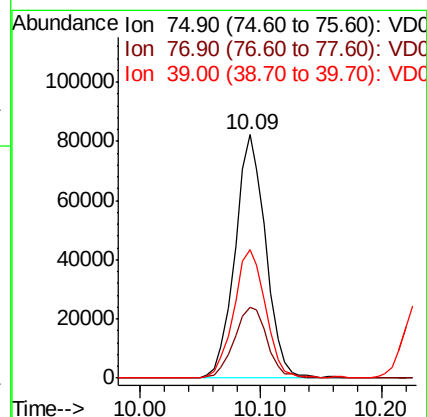
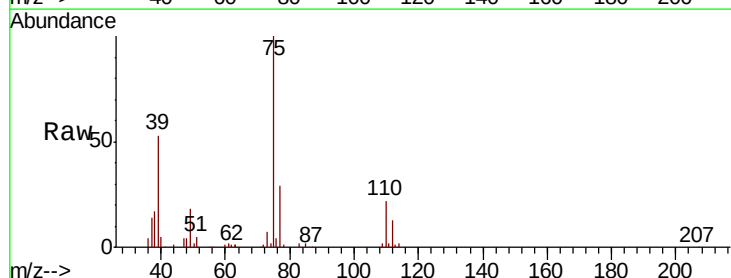
Tgt Ion: 75 Resp: 144901

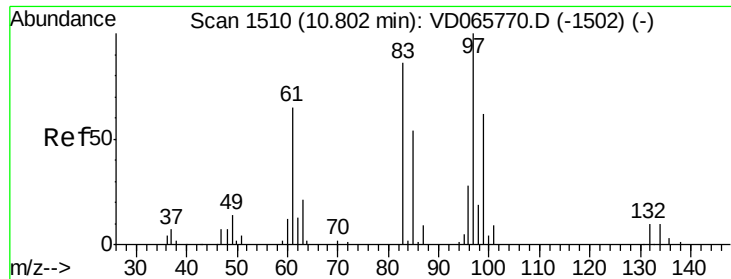
Ion Ratio Lower Upper

75 100

77 29.3 26.0 39.0

39 52.5 45.0 67.6



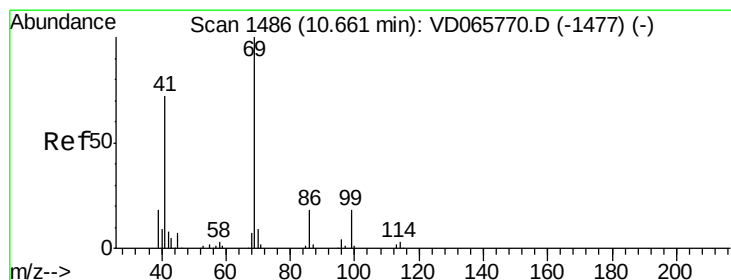
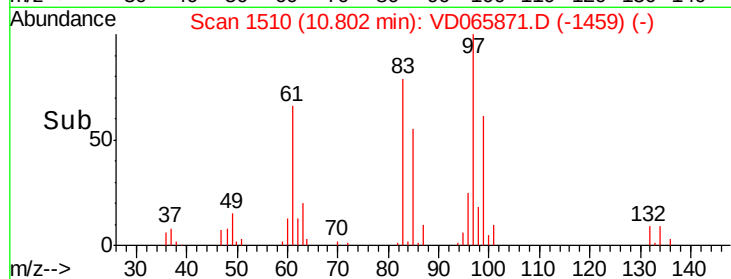
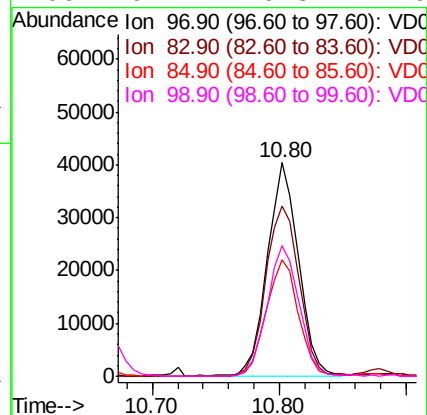
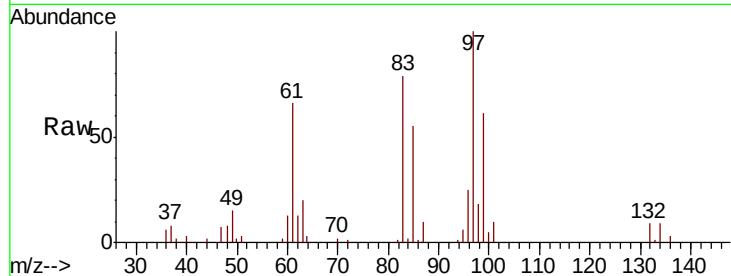


#55
 1,1,2-Trichloroethane
 Concen: 56.313 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 69466

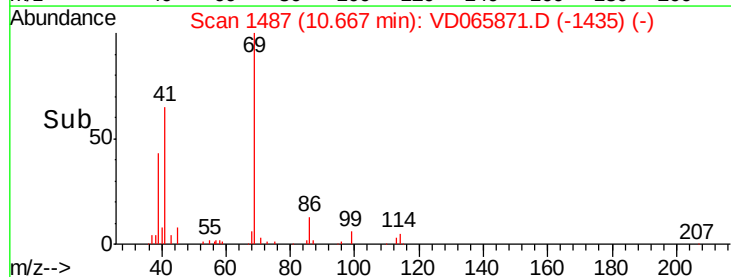
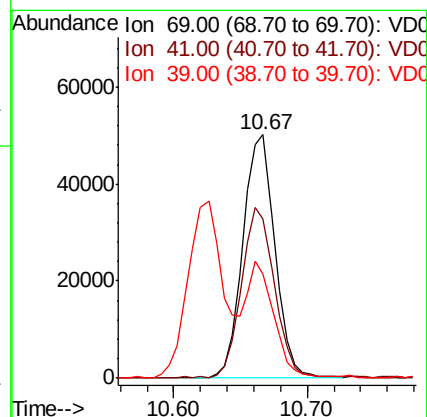
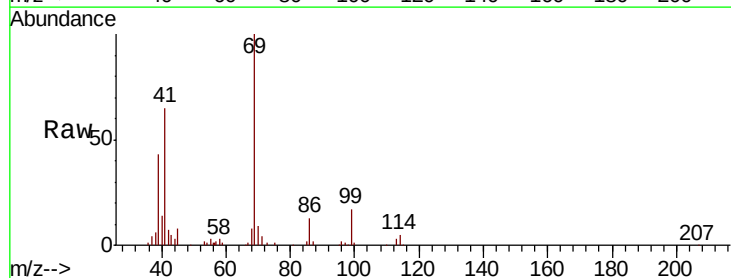
Ion	Ratio	Lower	Upper
97	100		
83	79.4	68.7	103.1
85	54.6	43.0	64.6
99	61.1	49.8	74.6

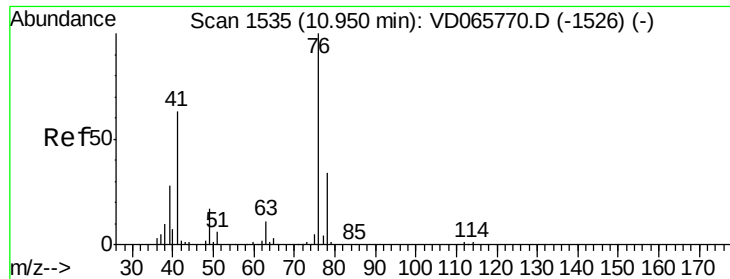


#56
 Ethyl methacrylate
 Concen: 57.444 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 69 Resp: 83347

Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.9	85.3
39	38.5	36.0	54.0





#57

1,3-Dichloropropane

Concen: 55.929 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

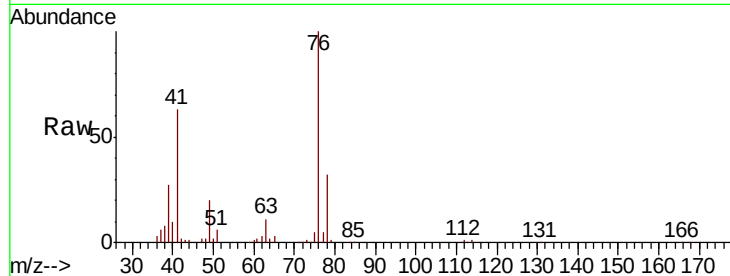
VSTDCCC050EC

Tot Ion: 76 Resp: 119529

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

80000

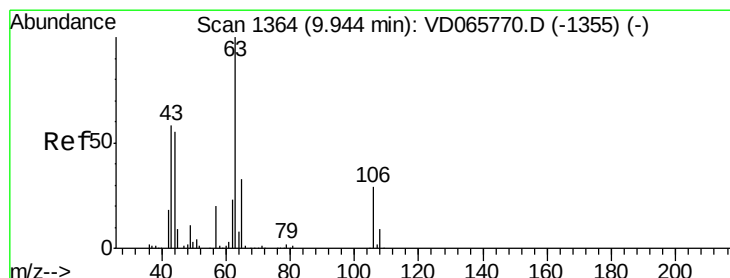
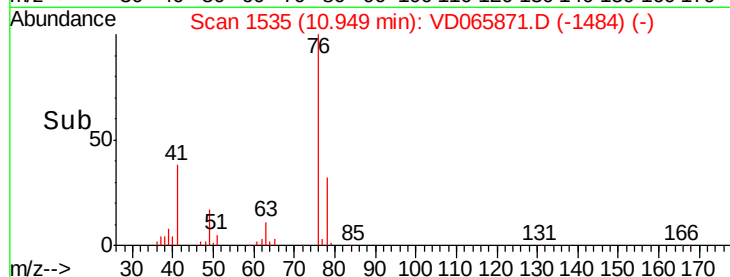
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 308.425 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065871.D

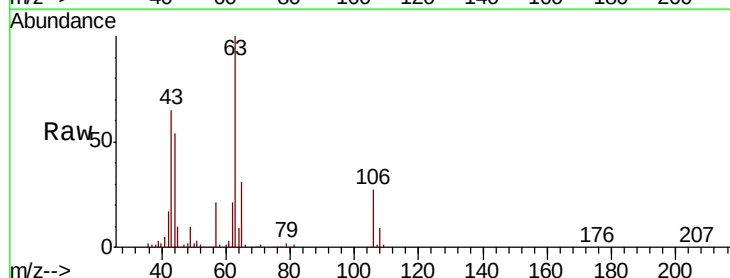
Acq: 23 Jun 2020 20:13

Tgt Ion: 63 Resp: 208051

Ion Ratio Lower Upper

63 100

106 27.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

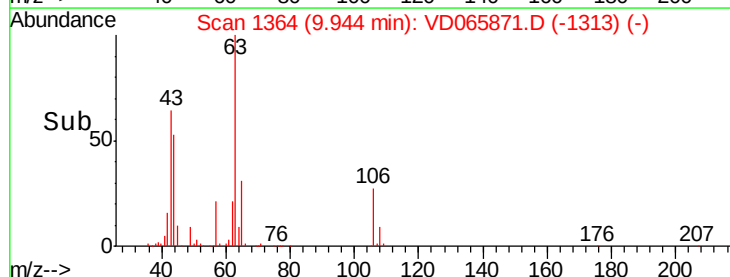
9.94

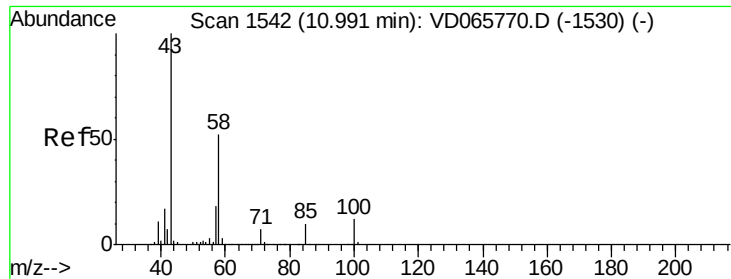
100000

50000

0

Time-->

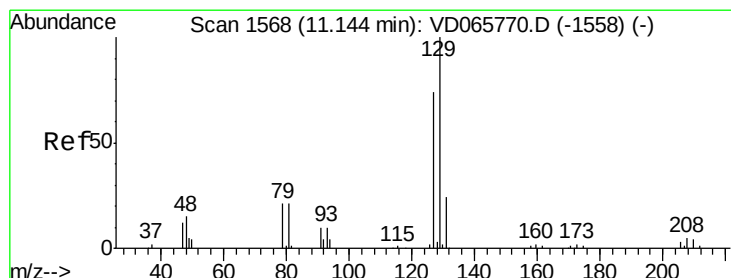
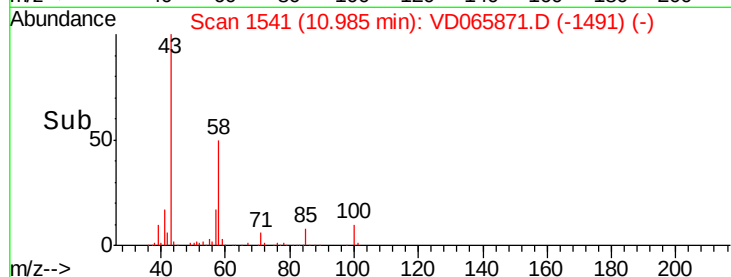
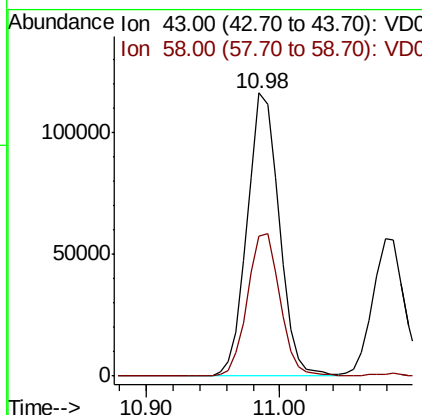
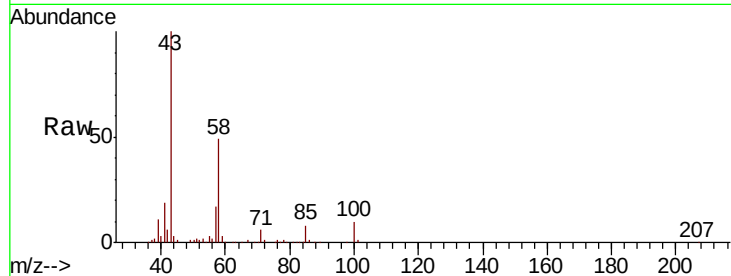




#59
2-Hexanone
Concen: 299.311 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

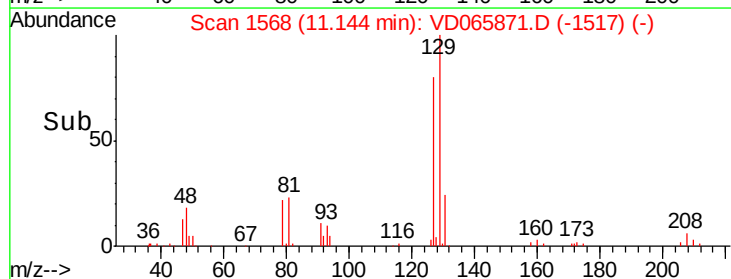
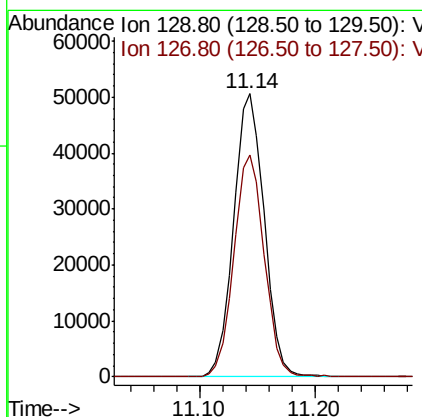
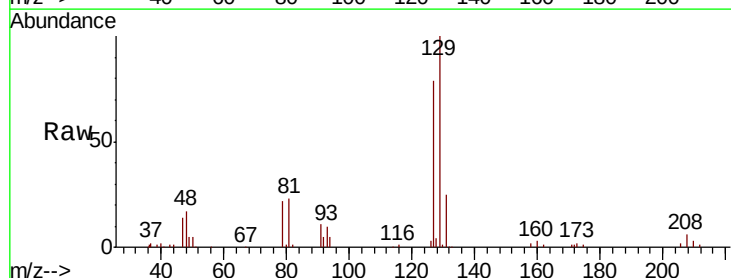
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

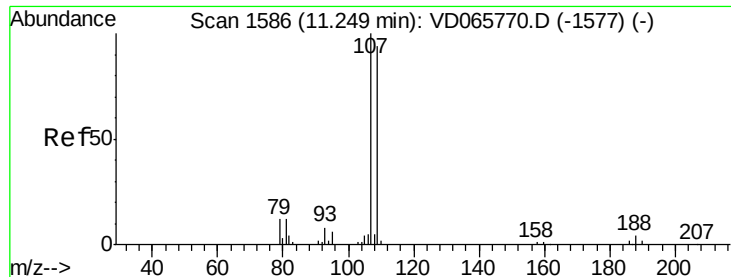
Tot Ion: 43 Resp: 191926
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 55.501 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 129 Resp: 92488
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9

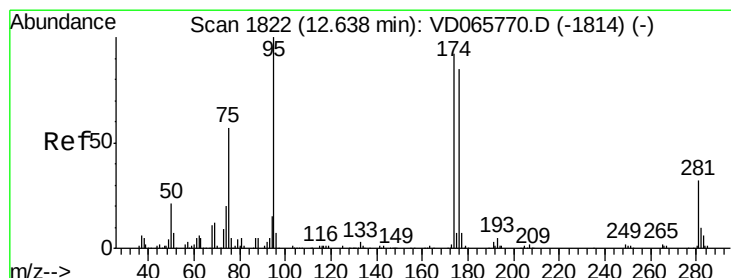
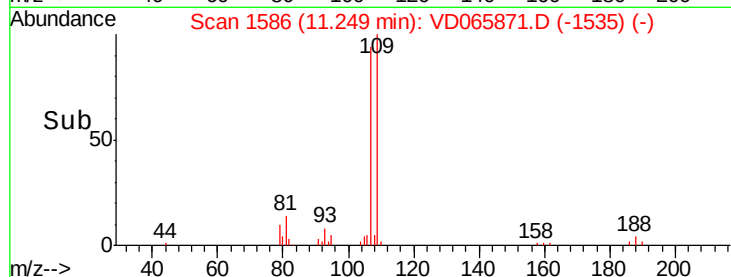
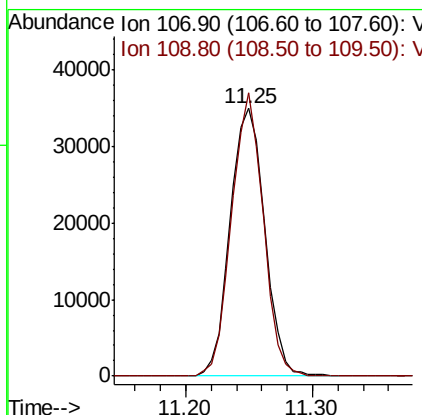
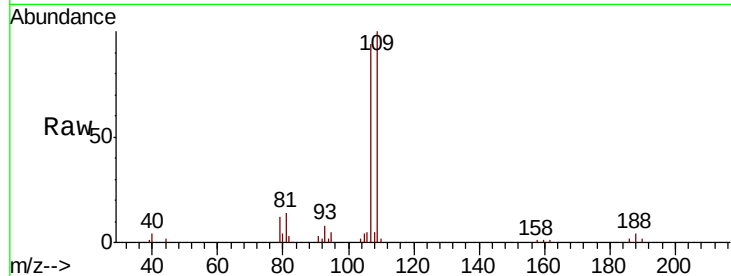




#61
 1,2-Dibromoethane
 Concen: 54.526 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

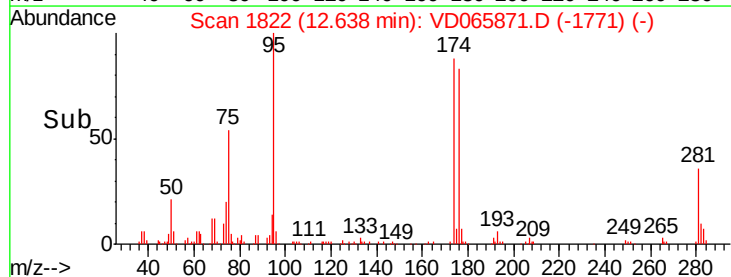
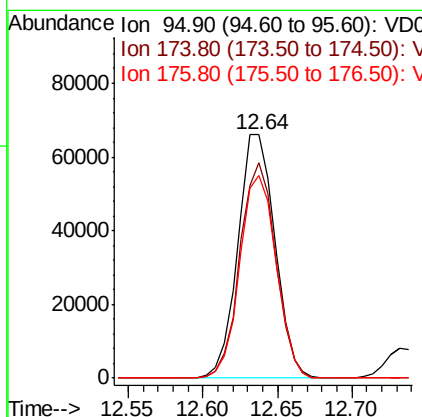
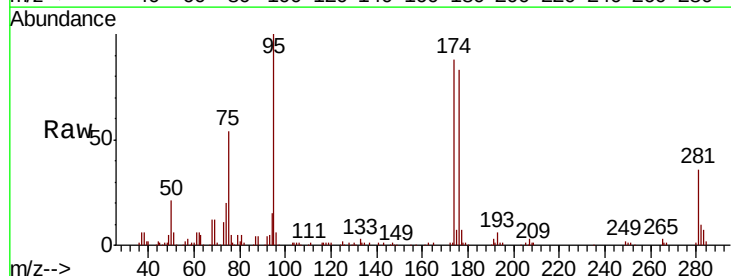
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

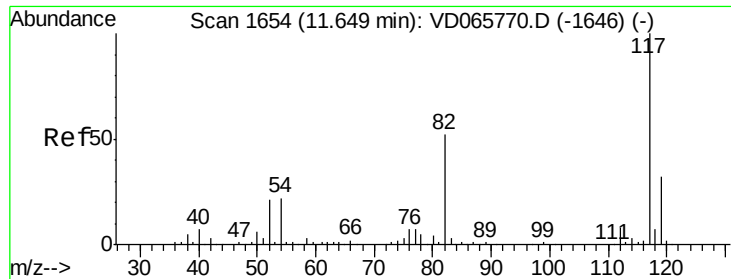
Tot Ion:107 Resp: 66101
 Ion Ratio Lower Upper
 107 100
 109 96.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 55.227 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 95 Resp: 114124
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 175.2
 176 81.9 0.0 163.0

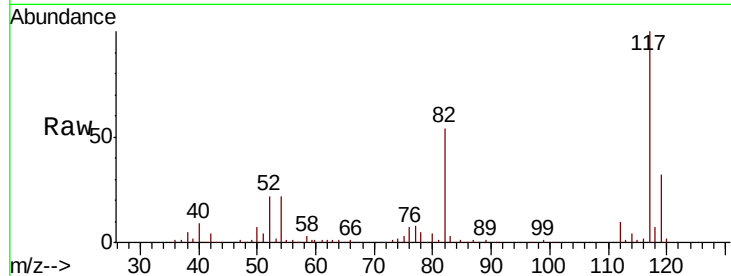




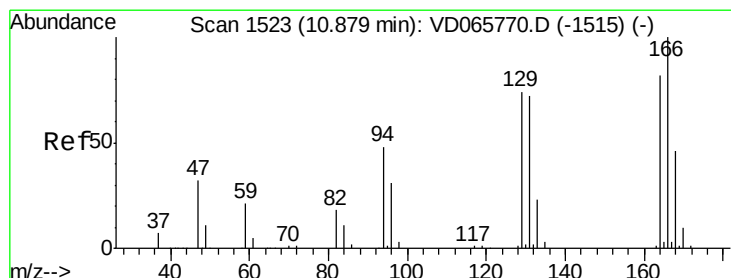
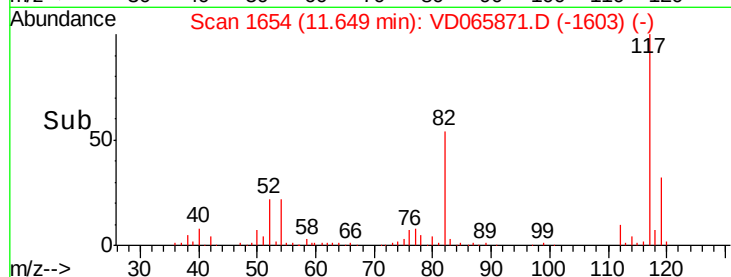
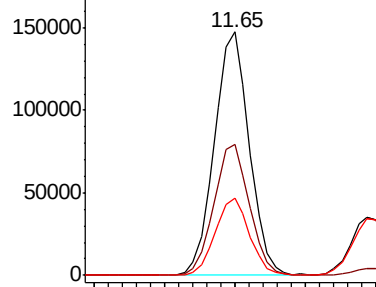
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 255542
Ion Ratio Lower Upper
117 100
82 54.0 41.9 62.9
119 31.6 25.3 37.9

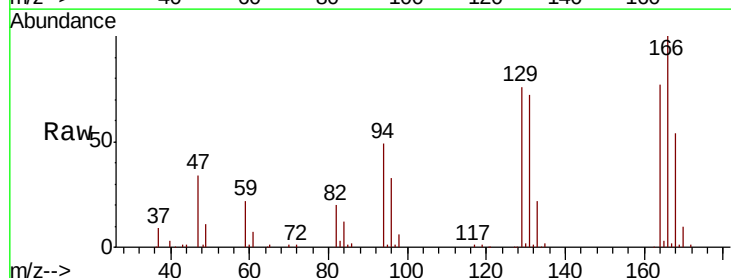


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

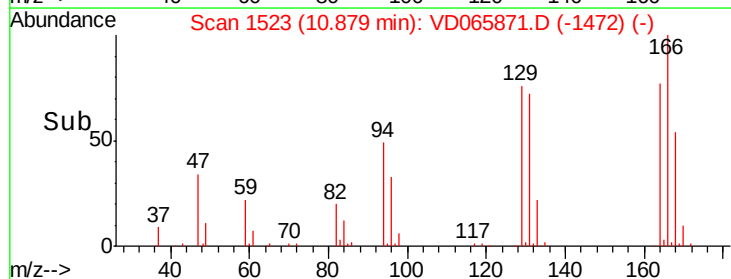
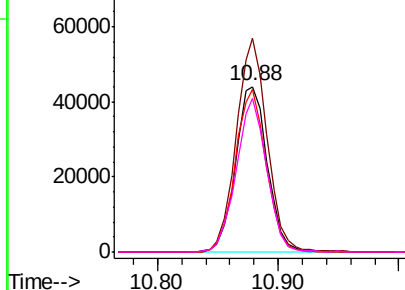


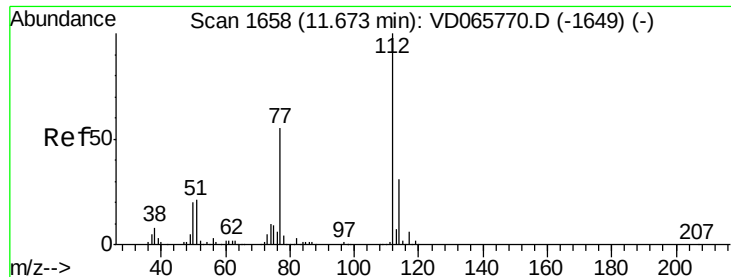
#64
Tetrachloroethene
Concen: 46.570 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion:164 Resp: 80472
Ion Ratio Lower Upper
164 100
166 129.3 98.2 147.2
129 98.5 72.3 108.5
131 93.1 70.5 105.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

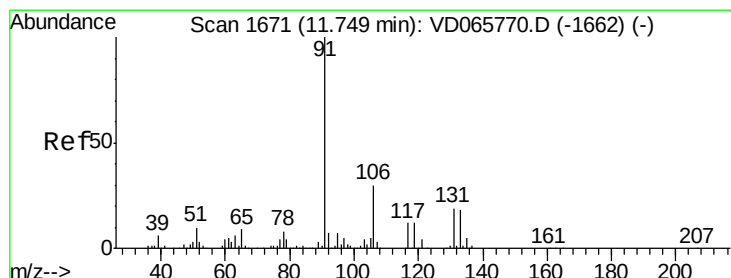
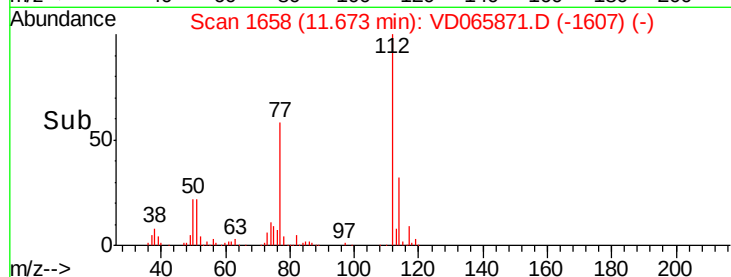
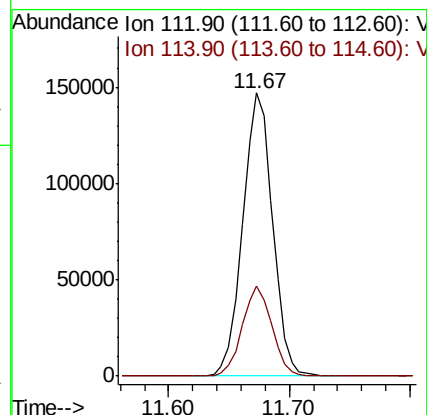
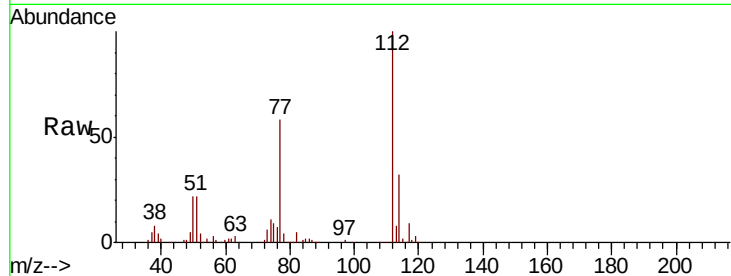




#65
Chlorobenzene
Concen: 50.723 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

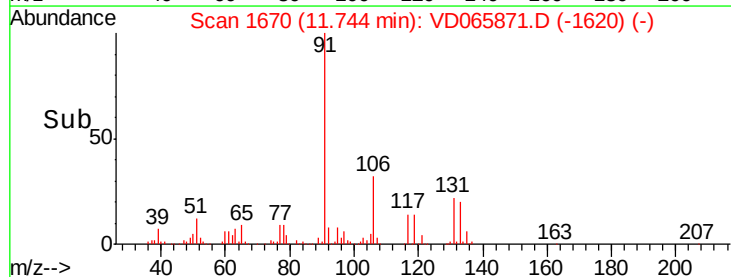
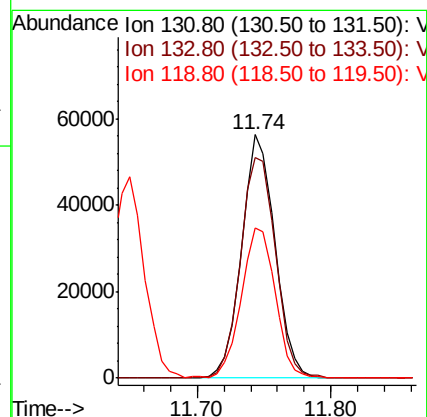
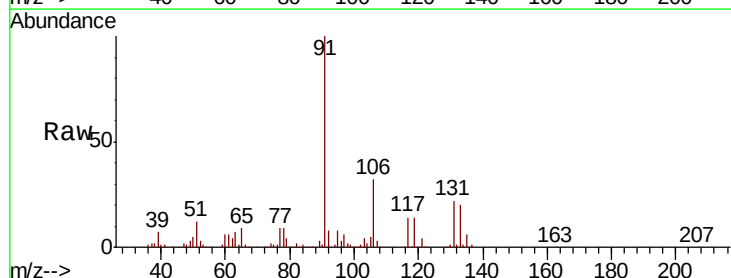
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

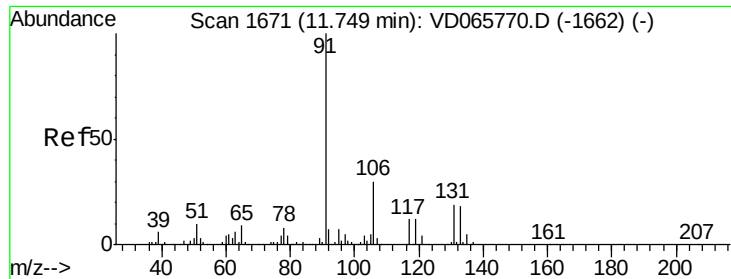
Tot Ion:112 Resp: 253043
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.148 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion:131 Resp: 96973
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 63.2 31.6 94.8





#67

Ethyl Benzene

Concen: 50.617 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

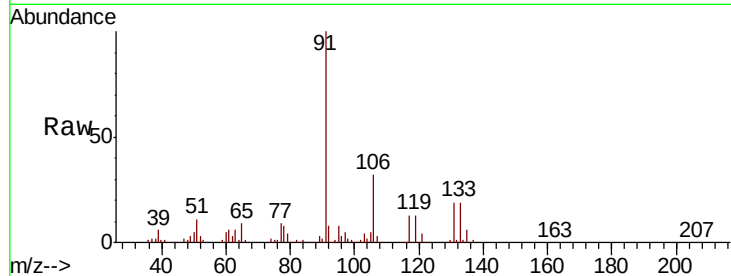
VSTDCCC050EC

Tot Ion: 91 Resp: 451100

Ion Ratio Lower Upper

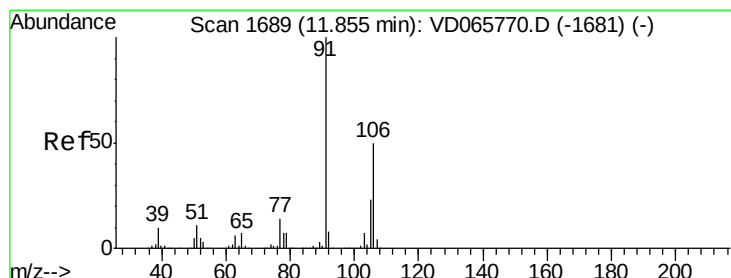
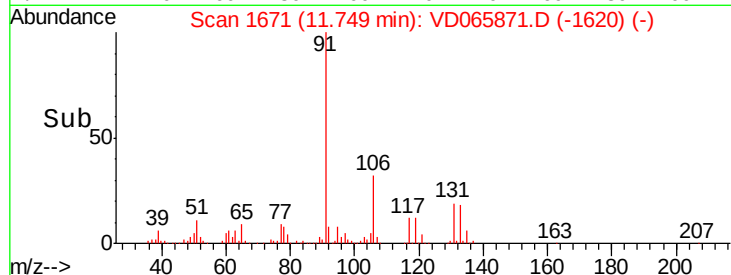
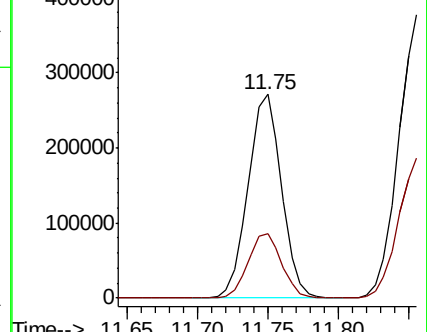
91 100

106 31.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 103.450 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065871.D

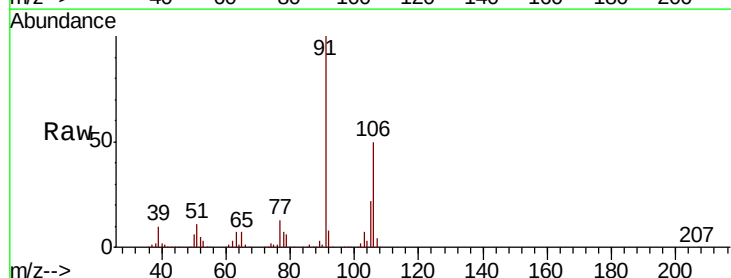
Acq: 23 Jun 2020 20:13

Tgt Ion: 106 Resp: 355123

Ion Ratio Lower Upper

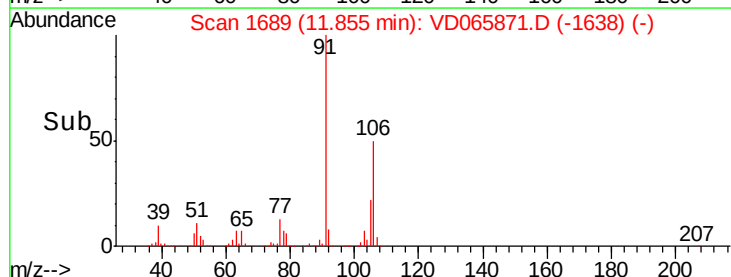
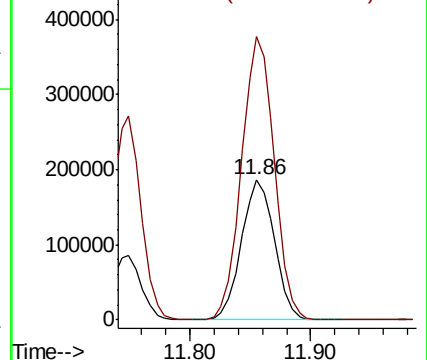
106 100

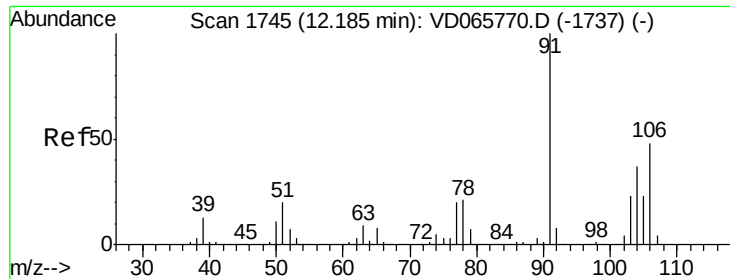
91 200.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

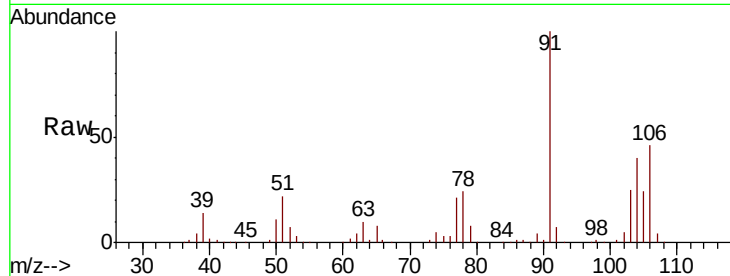




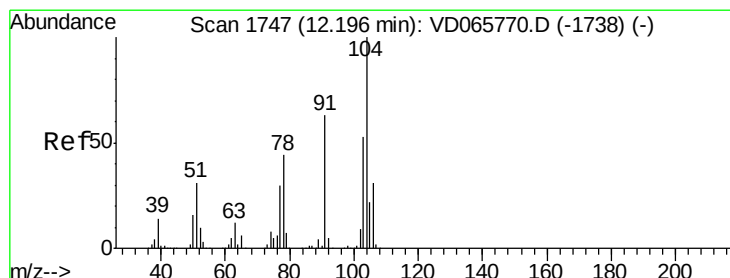
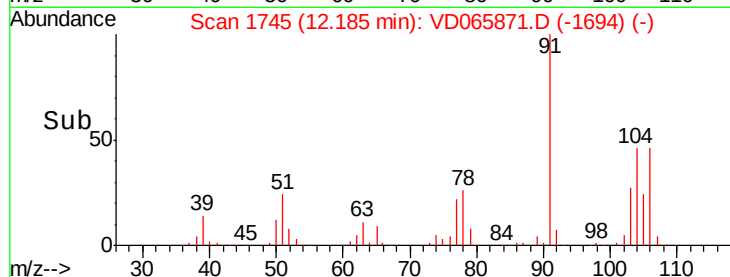
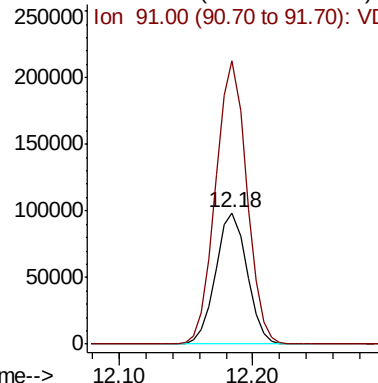
#69
o-Xylene
Concen: 51.700 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 160020
Ion Ratio Lower Upper
106 100
91 213.9 105.3 315.8

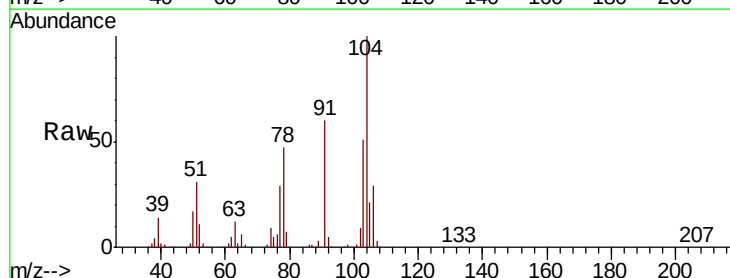


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

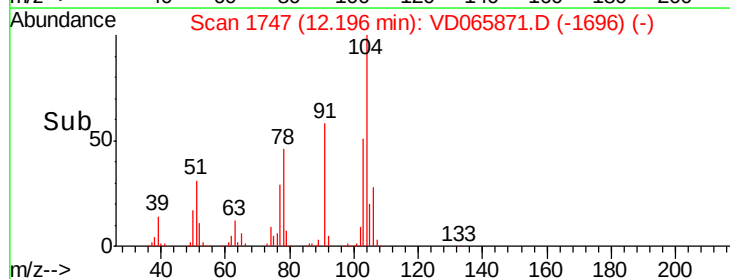
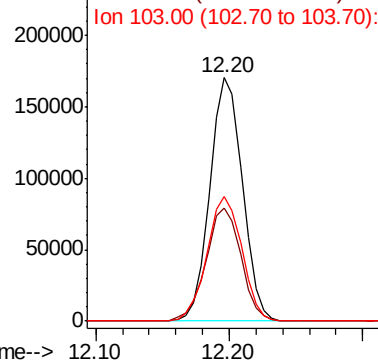


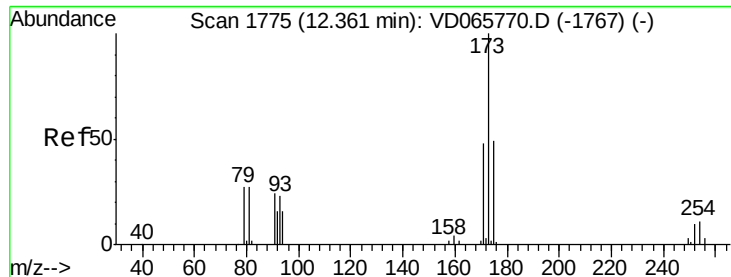
#70
Styrene
Concen: 53.647 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion:104 Resp: 287445
Ion Ratio Lower Upper
104 100
78 50.2 38.6 58.0
103 54.8 43.9 65.9



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: 53.360 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

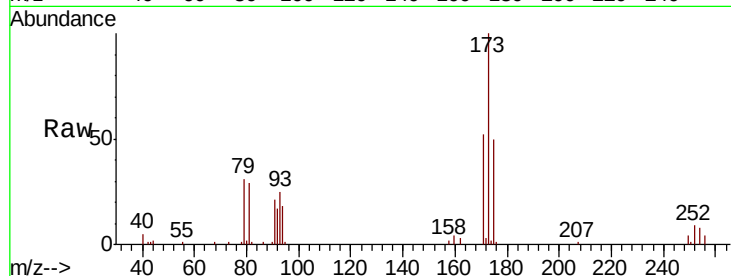
Tot Ion:173 Resp: 54642

Ion Ratio Lower Upper

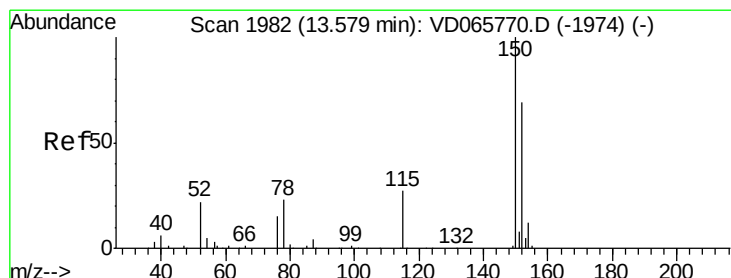
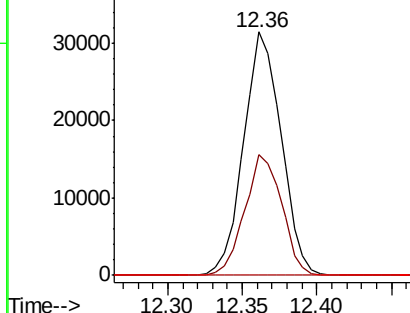
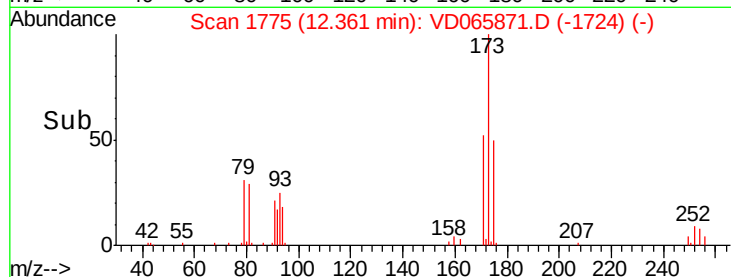
173 100

175 48.5 24.8 74.4

254 0.0 0.0 0.0



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# 1982

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

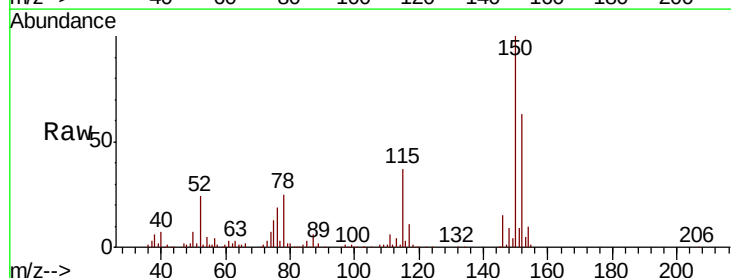
Tgt Ion:152 Resp: 133889

Ion Ratio Lower Upper

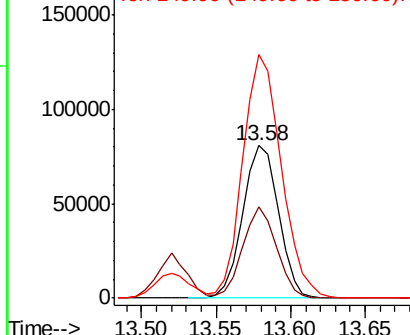
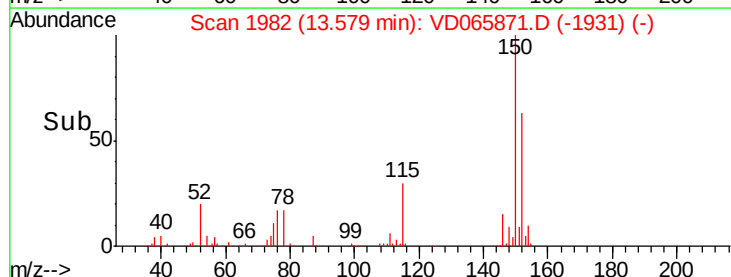
152 100

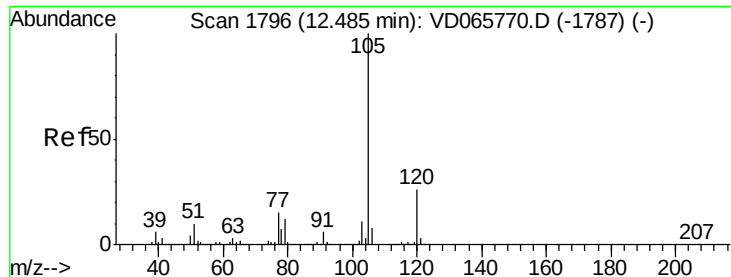
115 56.3 28.7 86.1

150 172.5 0.0 348.0



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: 49.681 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

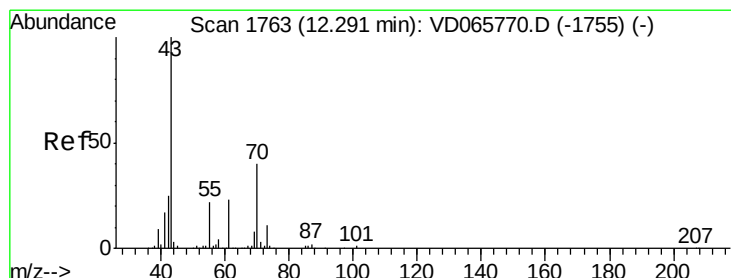
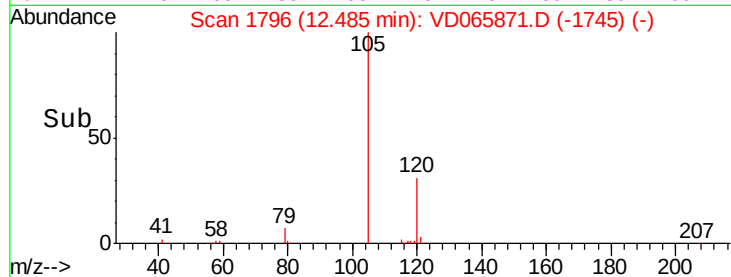
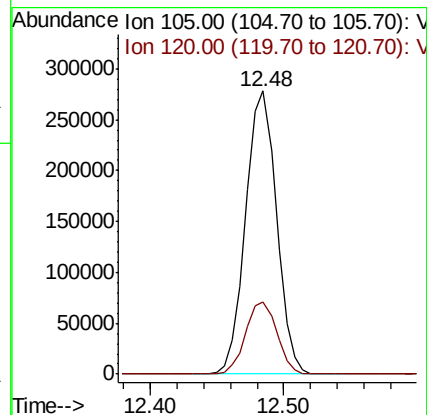
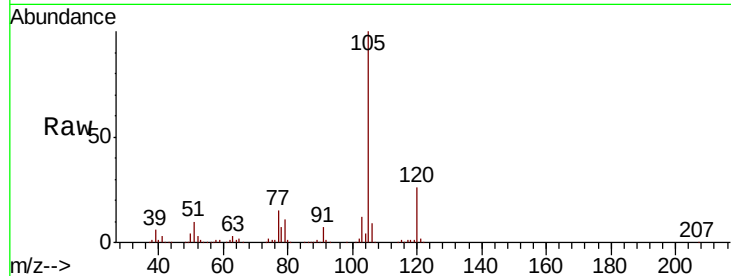
VSTDCCC050EC

Tot Ion:105 Resp: 445976

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.5



#74

N-ethyl acetate

Concen: 53.208 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion: 43 Resp: 106263

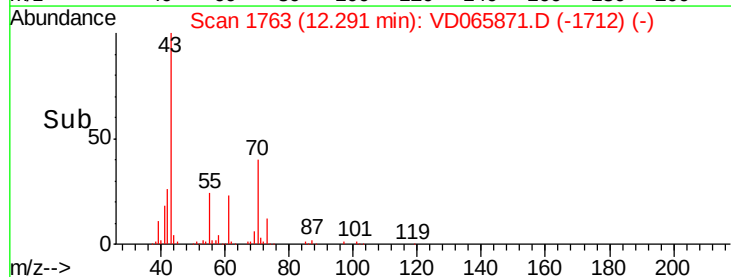
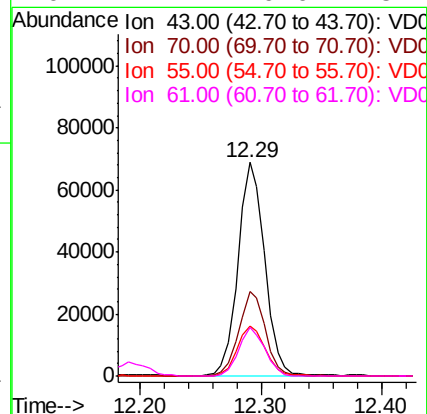
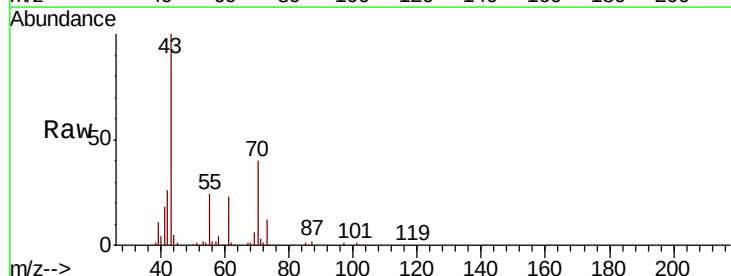
Ion Ratio Lower Upper

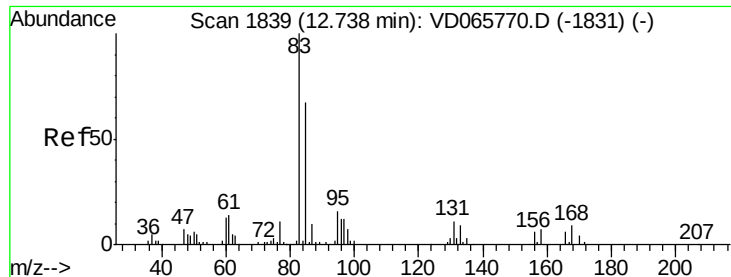
43 100

70 39.2 32.3 48.5

55 24.6 19.0 28.4

61 22.2 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.846 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

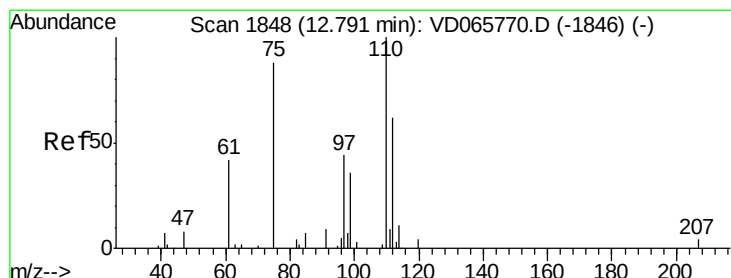
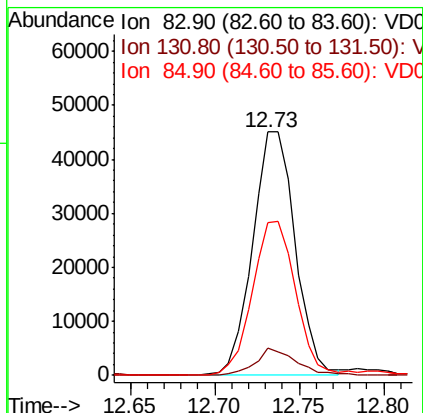
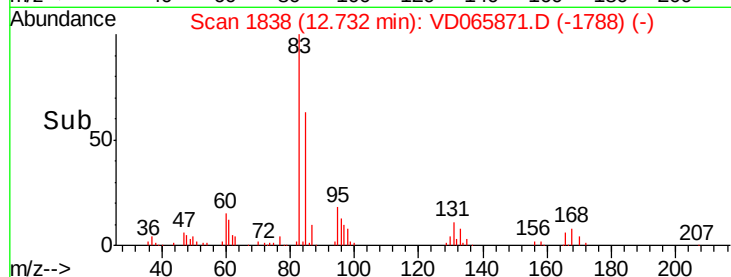
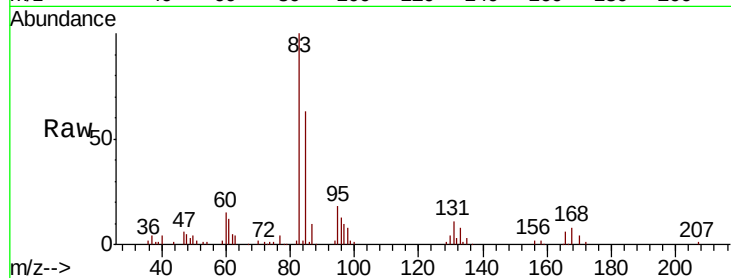
Tot Ion: 83 Resp: 78601

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 65.7 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 98.868 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065871.D

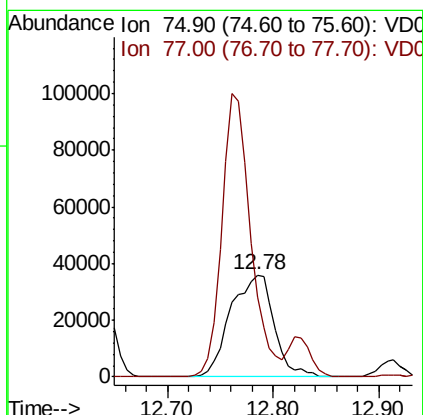
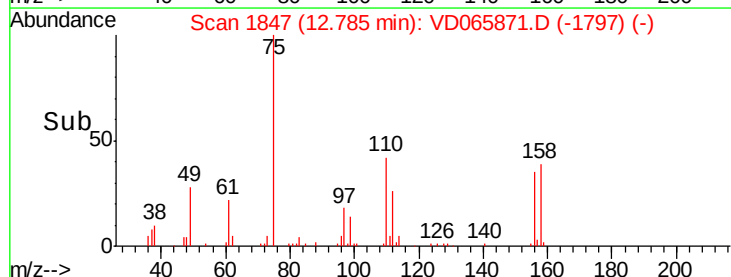
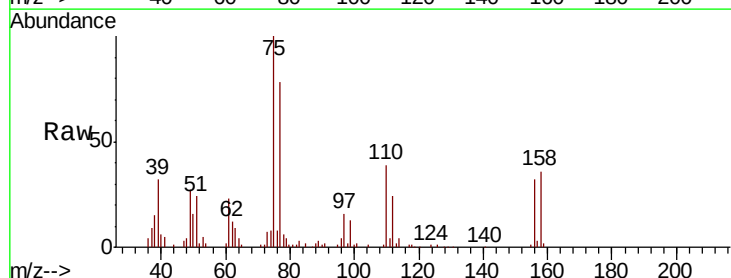
Acq: 23 Jun 2020 20:13

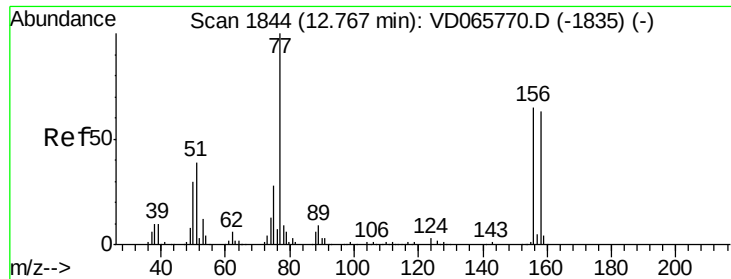
Tgt Ion: 75 Resp: 102949

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.501 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

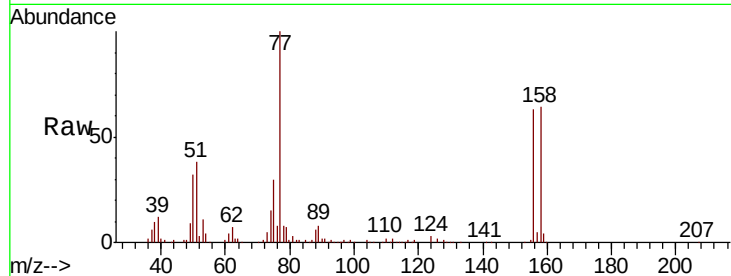
Tot Ion:156 Resp: 105135

Ion Ratio Lower Upper

156 100

77 180.7 87.3 261.8

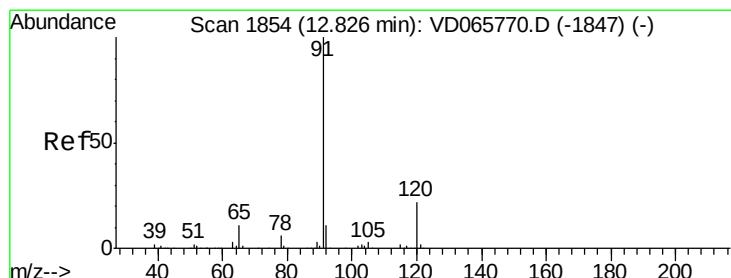
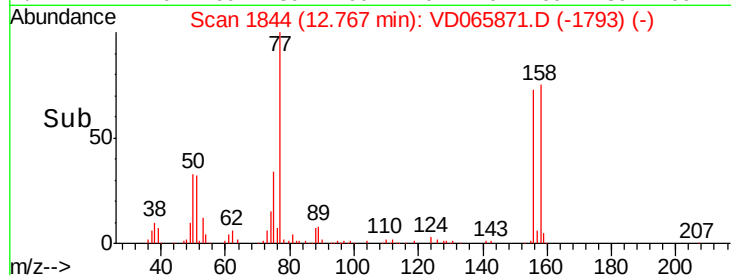
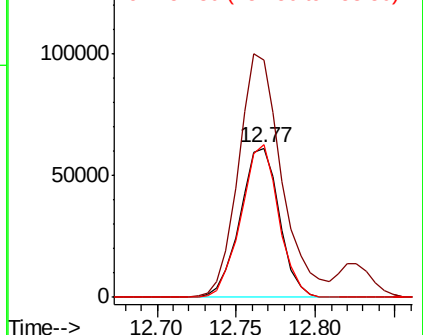
158 98.2 48.0 144.0



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: 49.265 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065871.D

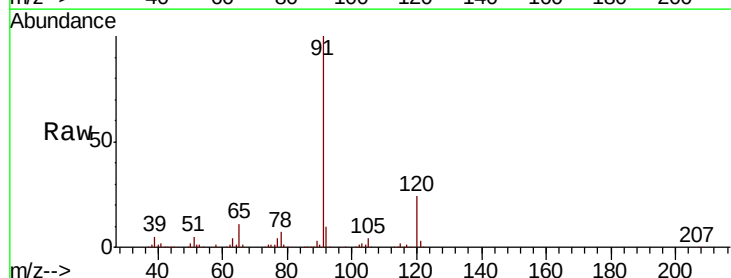
Acq: 23 Jun 2020 20:13

Tgt Ion: 91 Resp: 532335

Ion Ratio Lower Upper

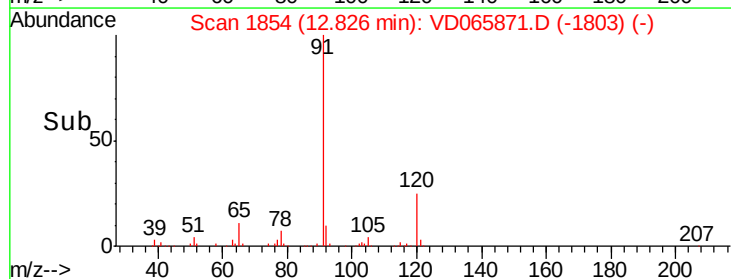
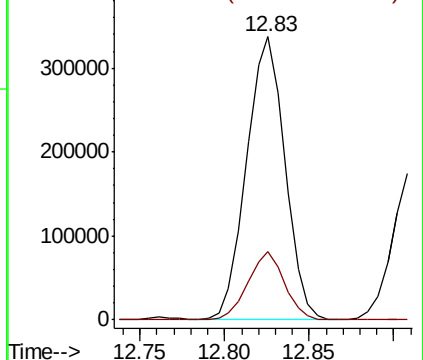
91 100

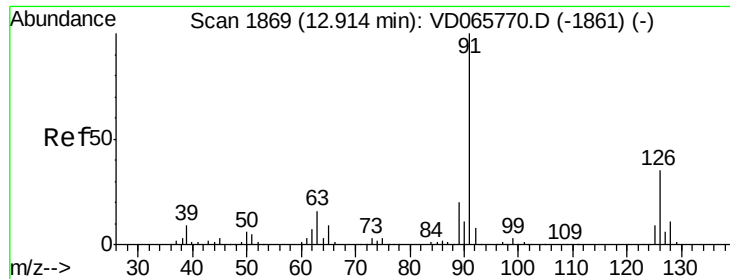
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.012 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

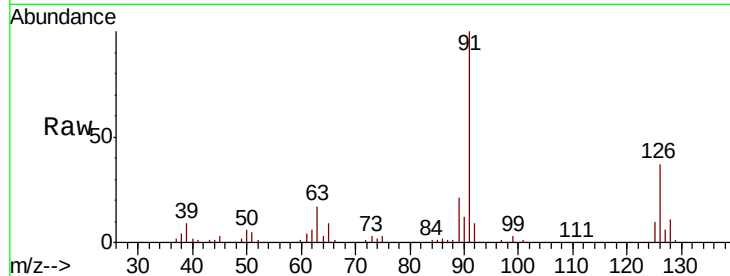
VSTDCCC050EC

Tot Ion: 91 Resp: 296458

Ion Ratio Lower Upper

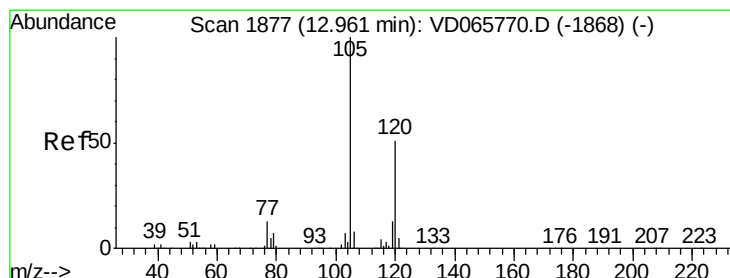
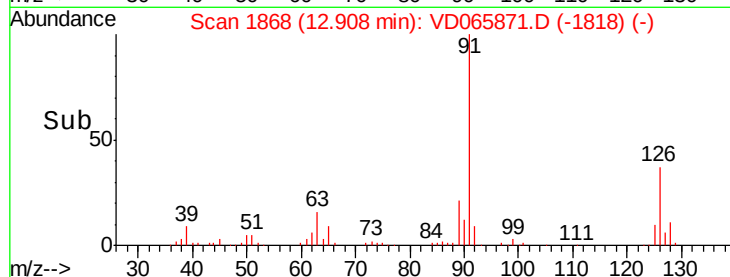
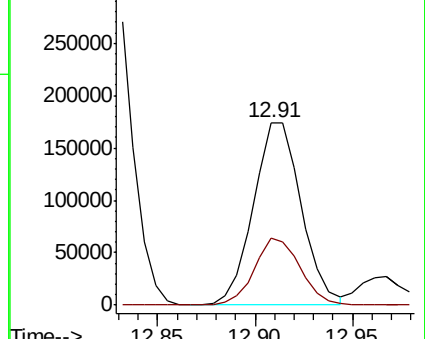
91 100

126 35.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.764 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065871.D

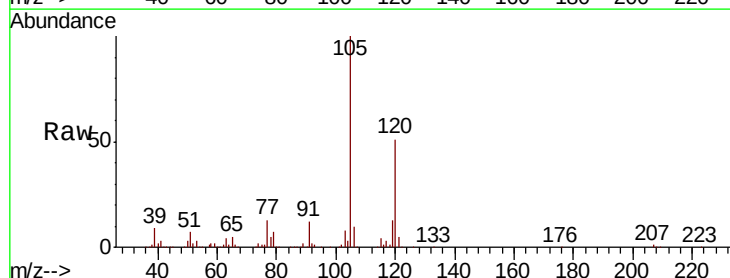
Acq: 23 Jun 2020 20:13

Tgt Ion:105 Resp: 379216

Ion Ratio Lower Upper

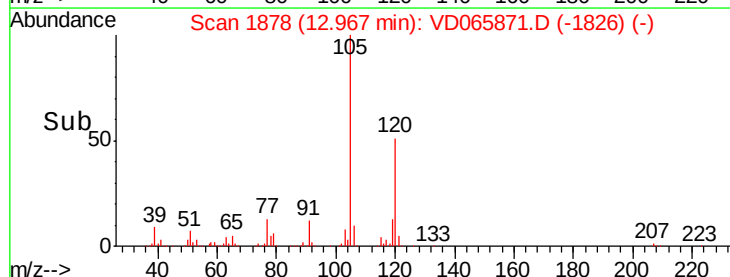
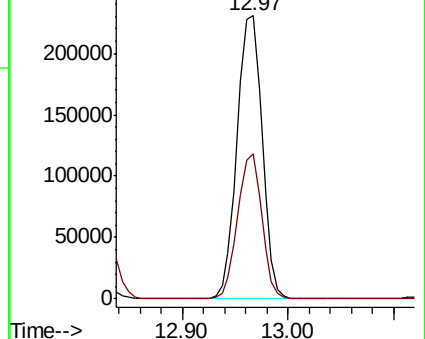
105 100

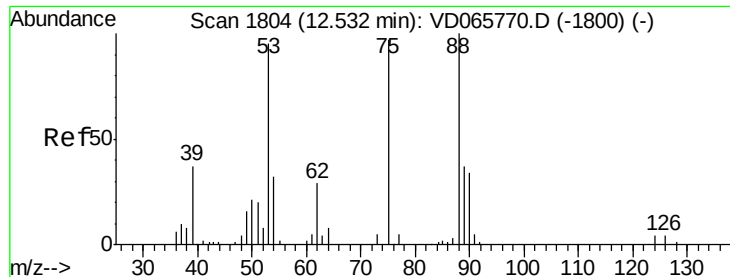
120 49.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.238 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

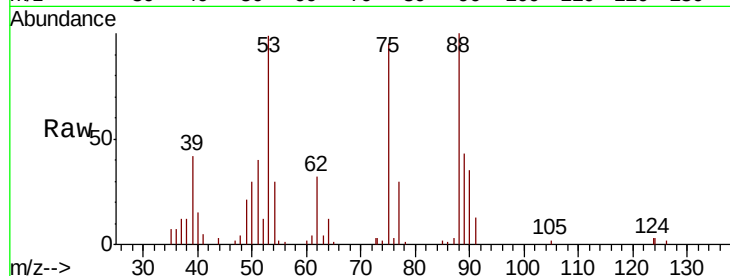
Tot Ion: 75 Resp: 25175

Ion Ratio Lower Upper

75 100

53 102.3 82.6 123.8

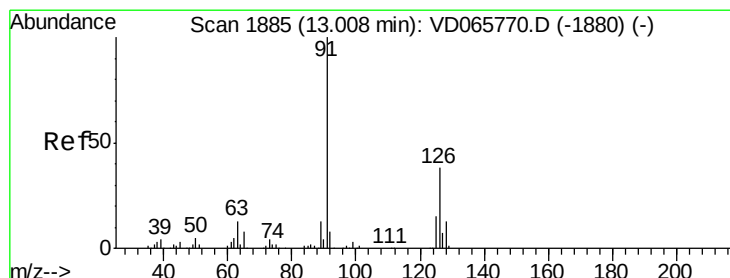
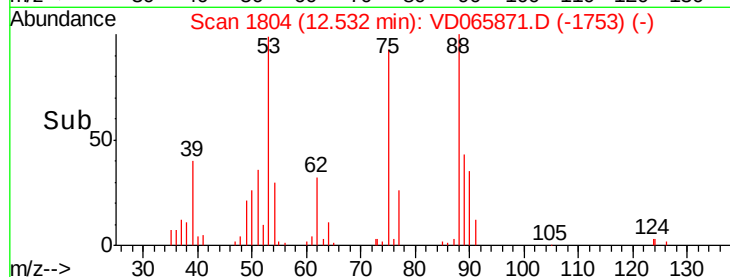
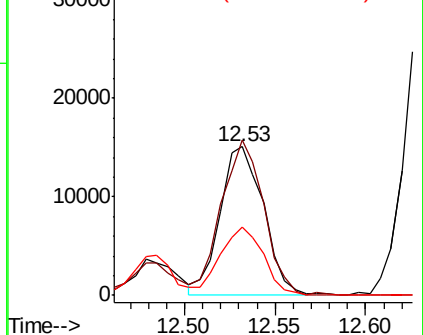
89 44.5 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.566 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065871.D

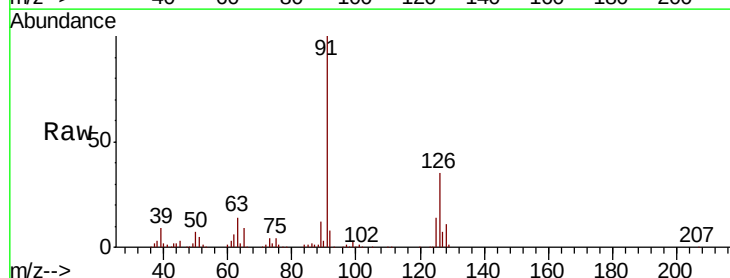
Acq: 23 Jun 2020 20:13

Tgt Ion: 91 Resp: 315369

Ion Ratio Lower Upper

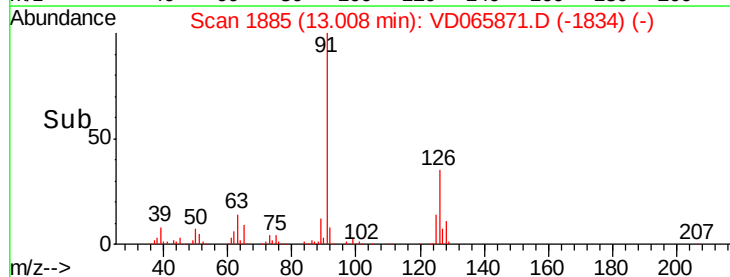
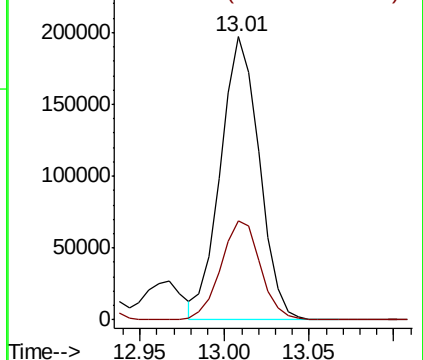
91 100

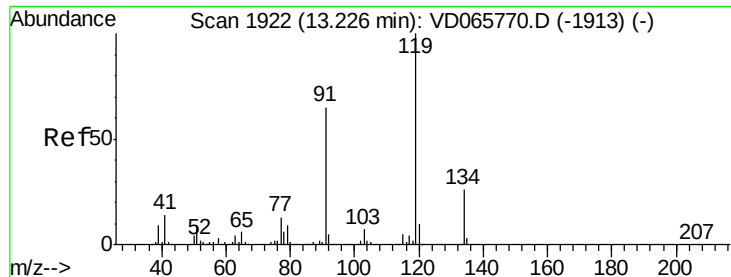
126 35.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

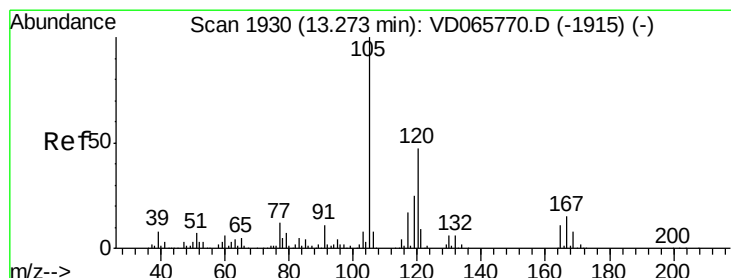
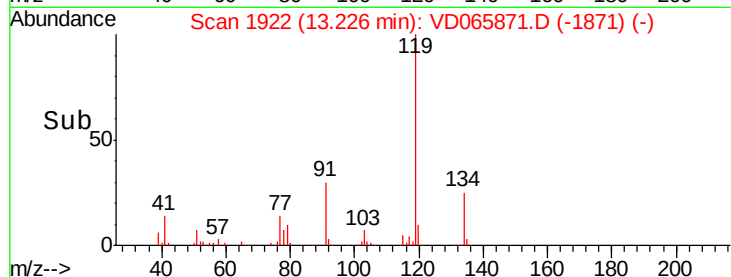
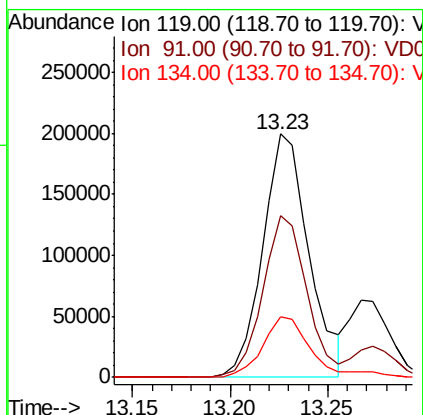
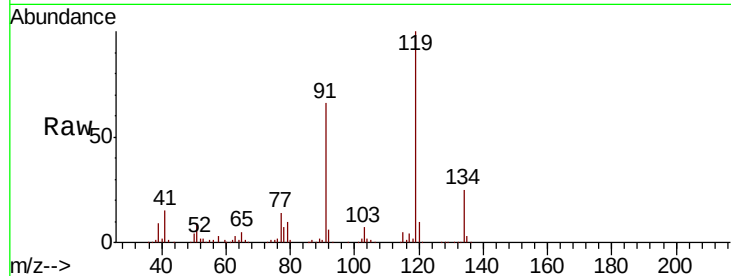




#83
 tert-Butylbenzene
 Concen: 50.404 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

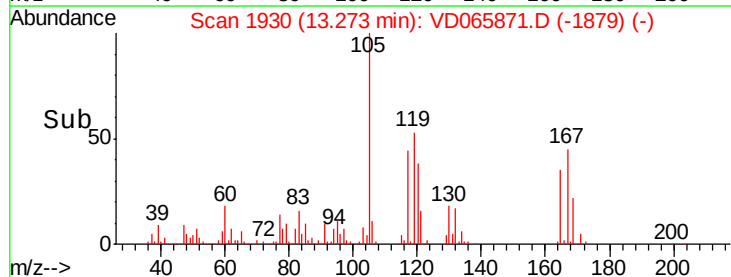
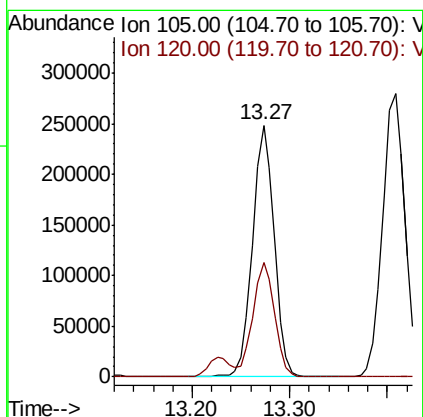
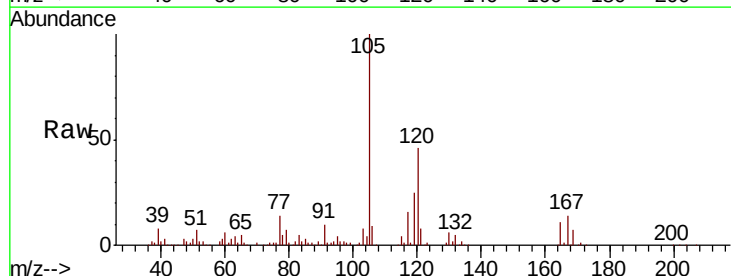
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

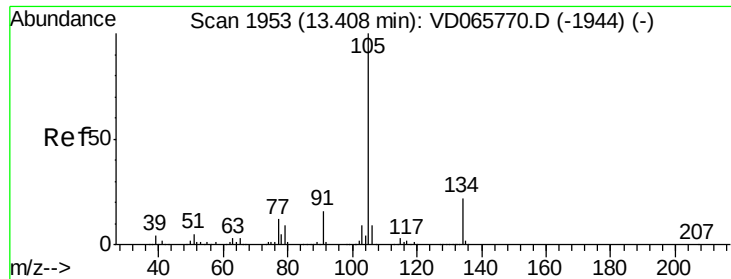
Tot Ion:119 Resp: 326710
 Ion Ratio Lower Upper
 119 100
 91 63.4 32.0 96.0
 134 26.4 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.346 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion:105 Resp: 383917
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.420 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

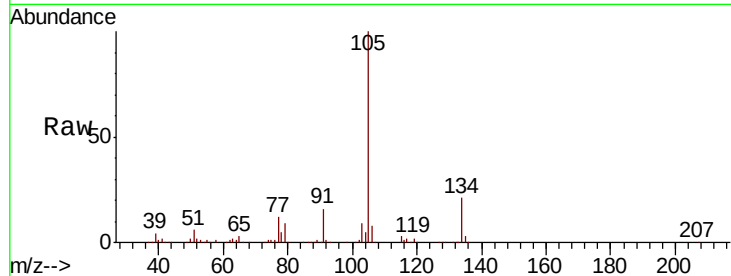
VSTDCCC050EC

Tot Ion:105 Resp: 445791

Ion Ratio Lower Upper

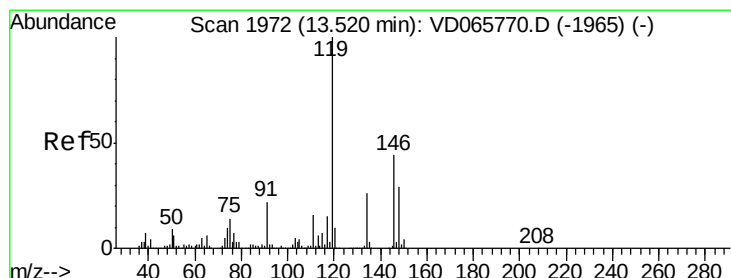
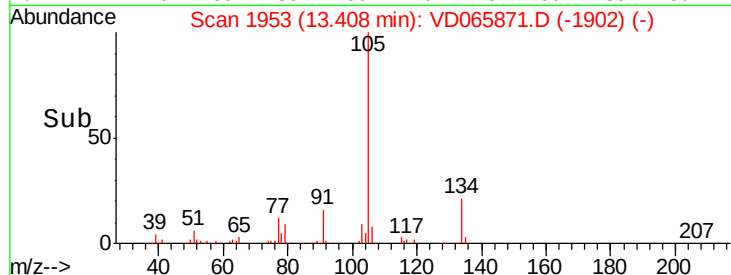
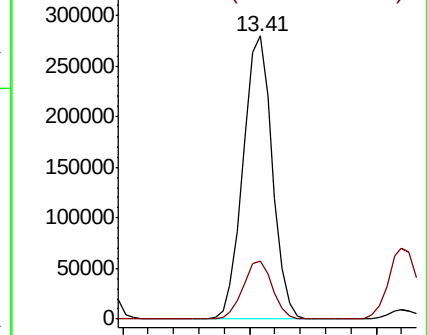
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.995 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

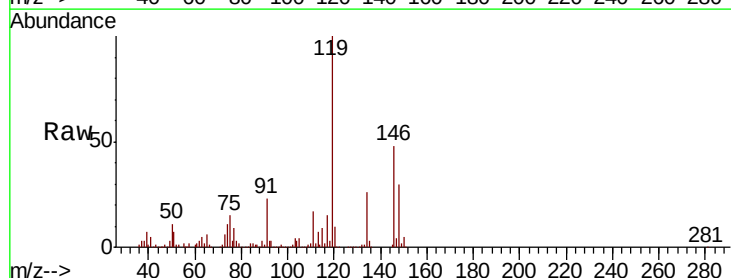
Tgt Ion:119 Resp: 413350

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

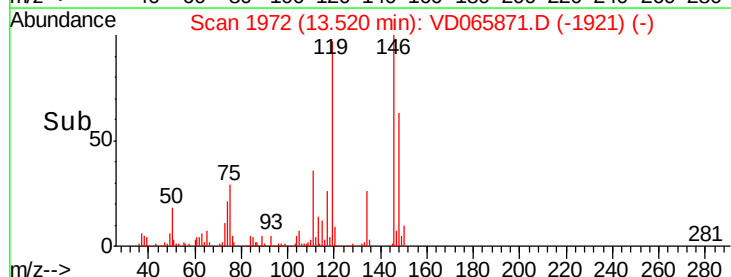
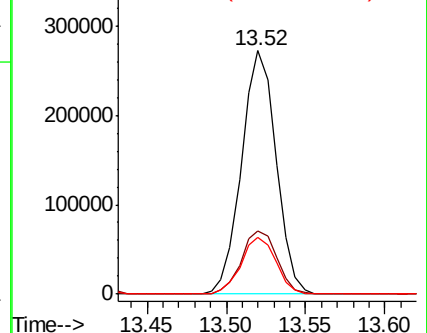
91 23.3 11.8 35.4

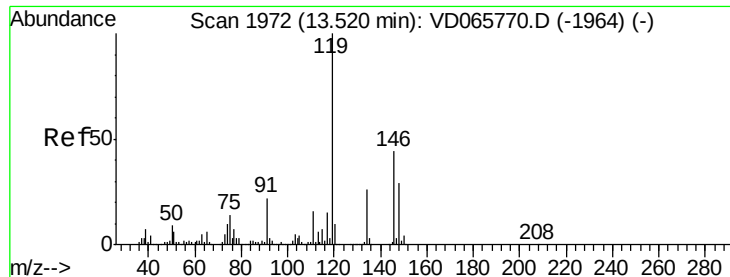


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.658 ug/l

RT: 13.52 min Scan# 1972

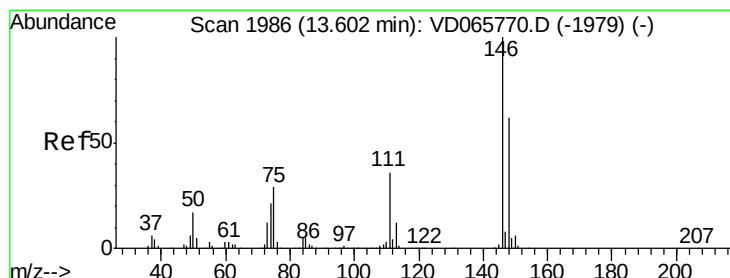
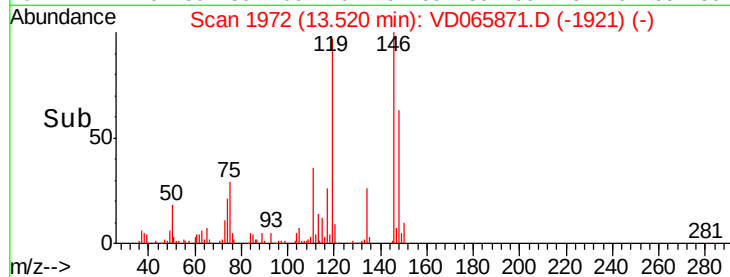
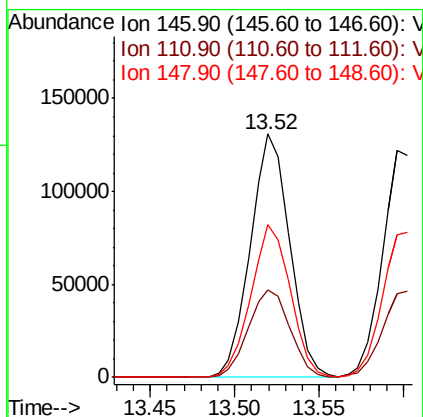
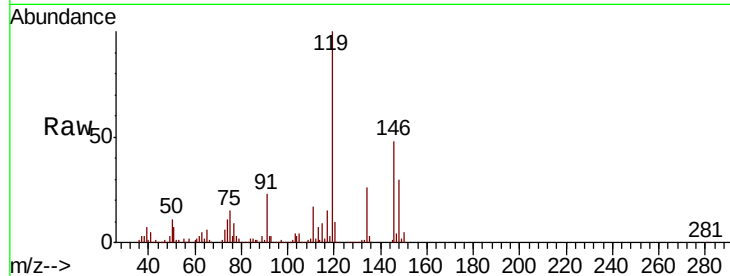
Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.2	57.6
148	63.1	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 49.445 ug/l

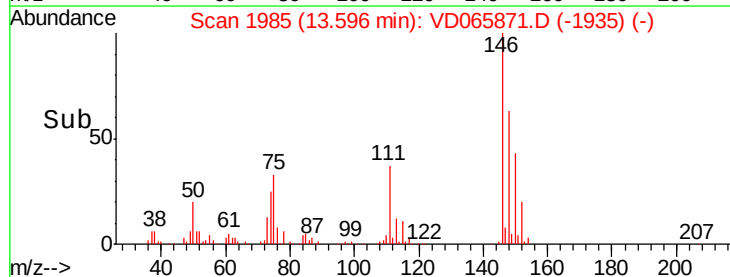
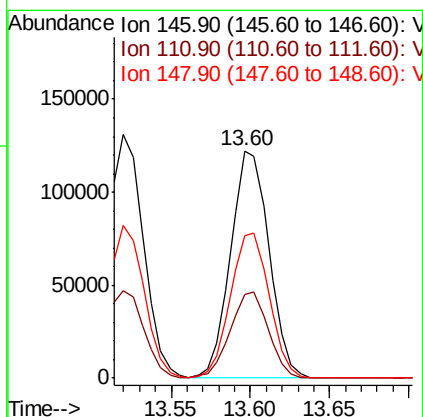
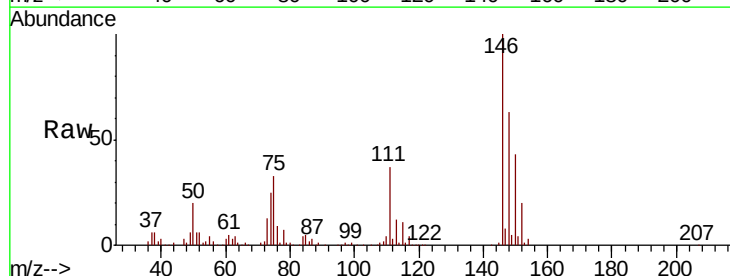
RT: 13.60 min Scan# 1985

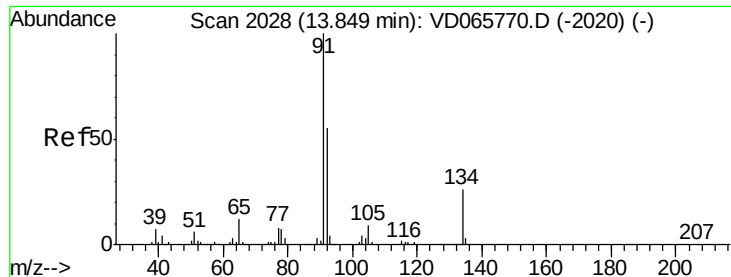
Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	64.7	31.6	94.7

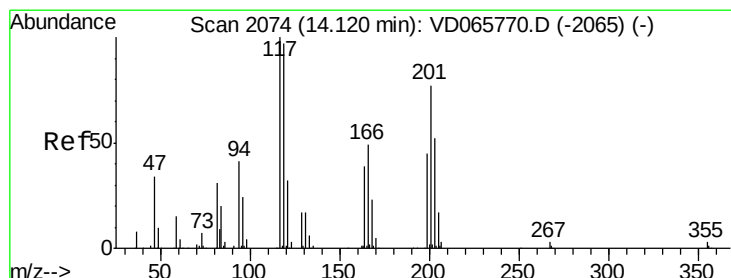
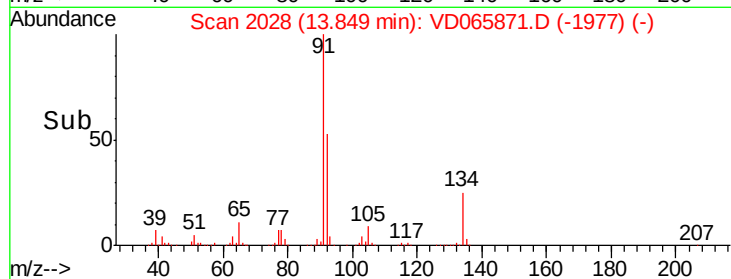
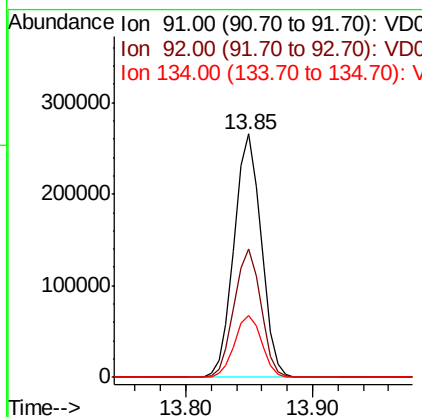
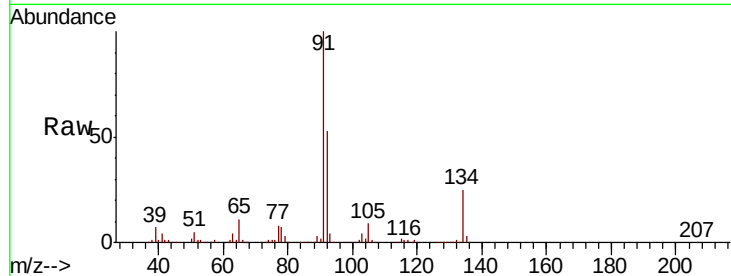




#89
n-Butylbenzene
Concen: 49.753 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

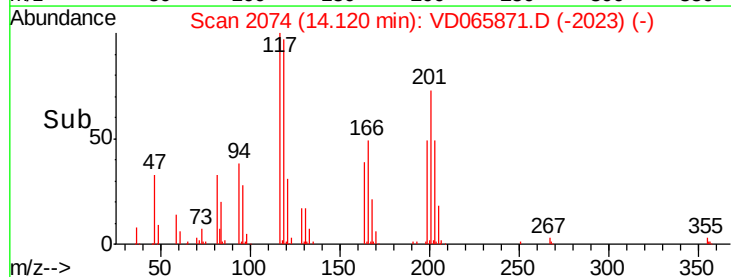
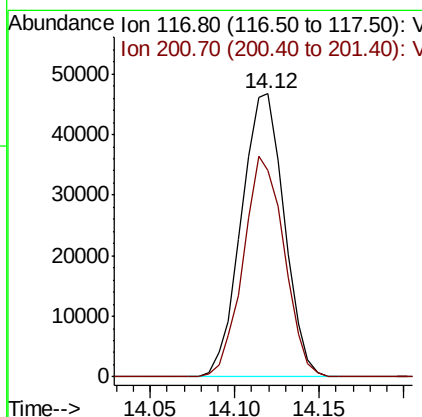
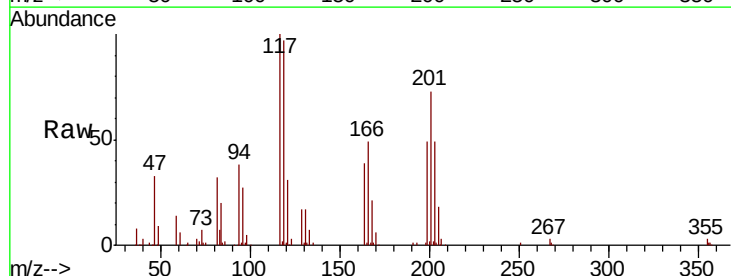
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

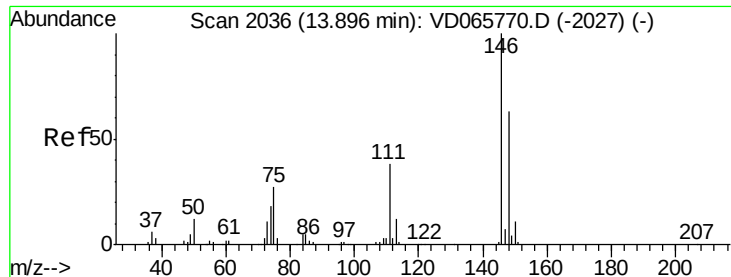
Tot Ion: 91 Resp: 392318
Ion Ratio Lower Upper
91 100
92 52.4 27.0 81.0
134 25.4 13.0 39.0



#90
Hexachloroethane
Concen: 49.932 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 117 Resp: 82633
Ion Ratio Lower Upper
117 100
201 74.4 37.1 111.5

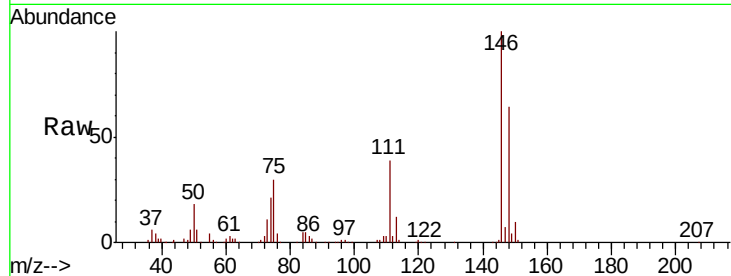




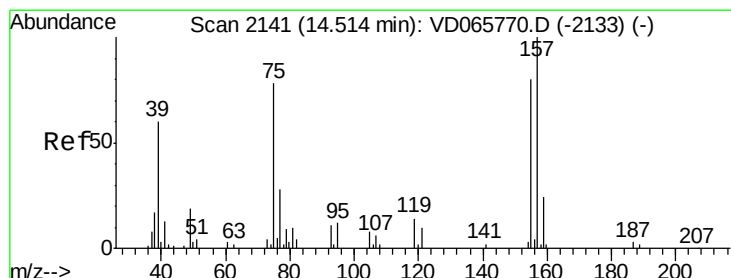
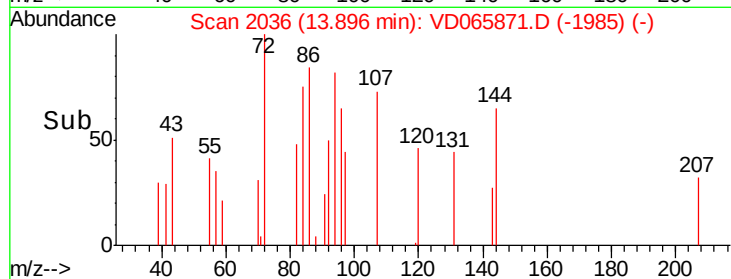
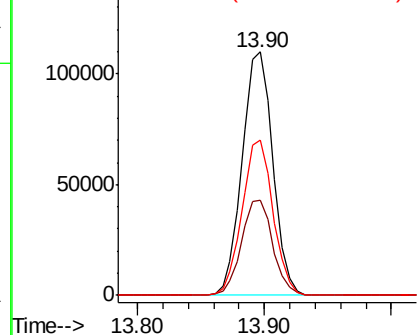
#91
 1,2-Dichlorobenzene
 Concen: 51.258 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	64.2	31.9	95.7

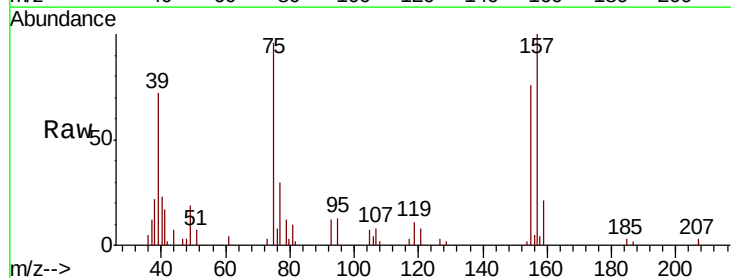


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

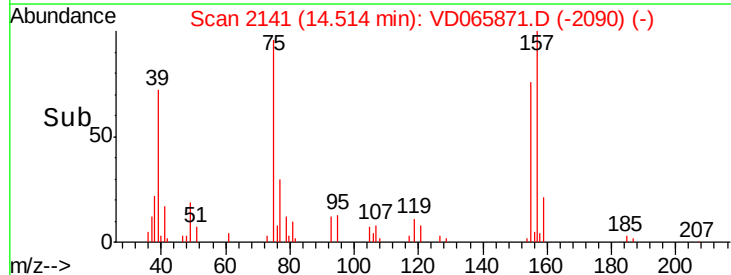
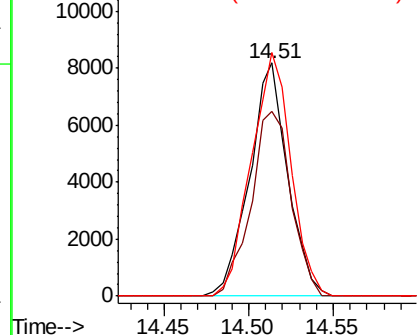


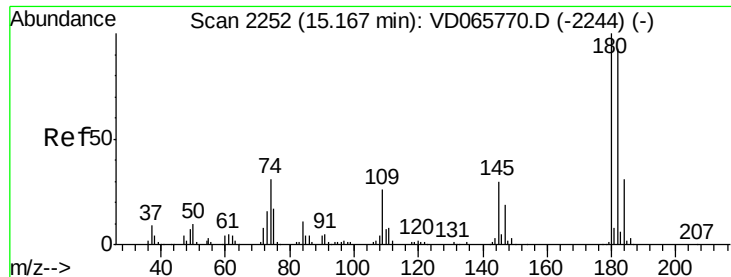
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.093 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	46.3	138.9
157	108.3	58.1	174.3



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

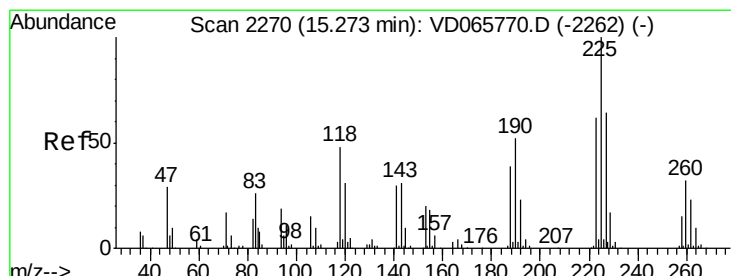
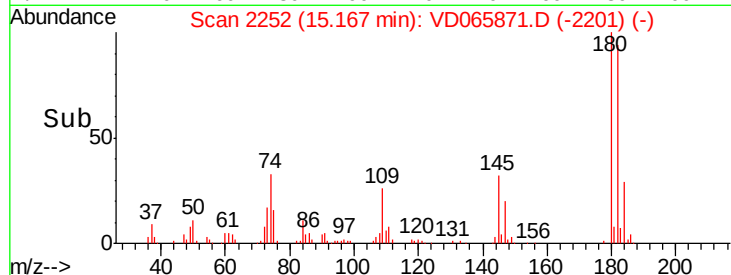
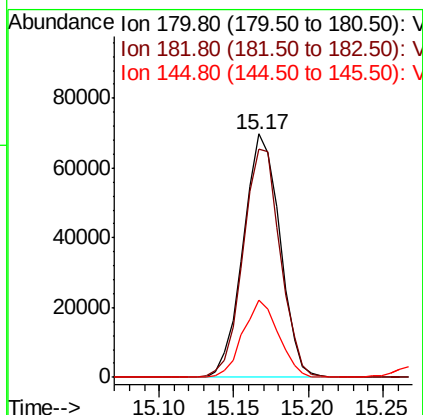
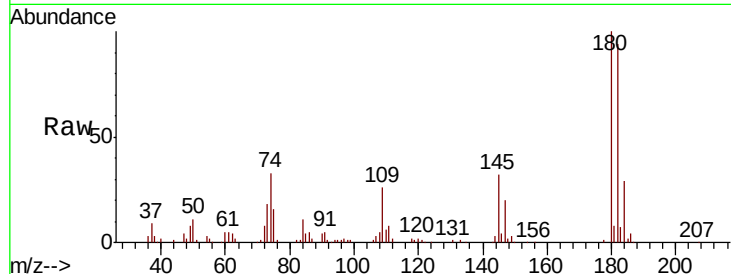




#93
 1,2,4-Trichlorobenzene
 Concen: 48.461 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

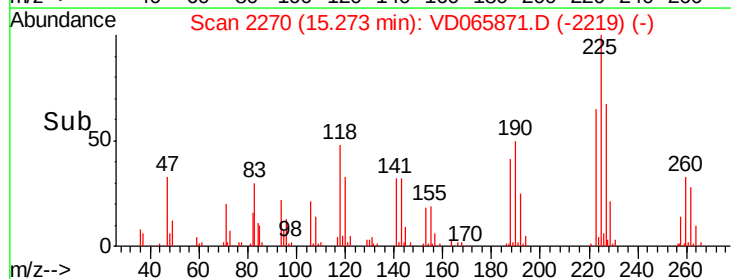
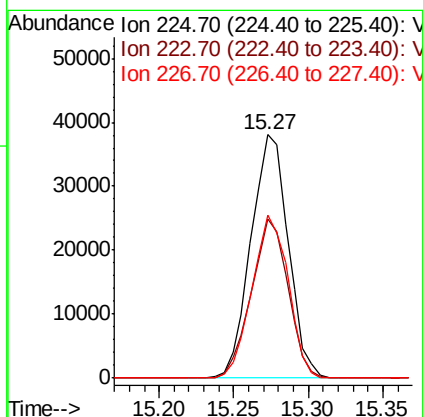
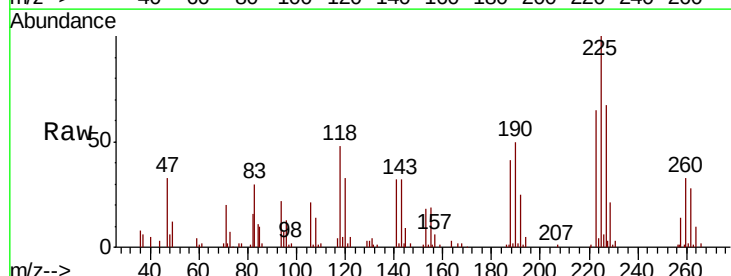
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

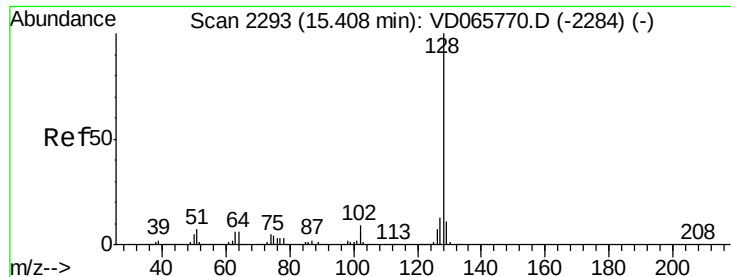
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	31.0	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 44.359 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.9	92.7
227	65.0	31.9	95.7

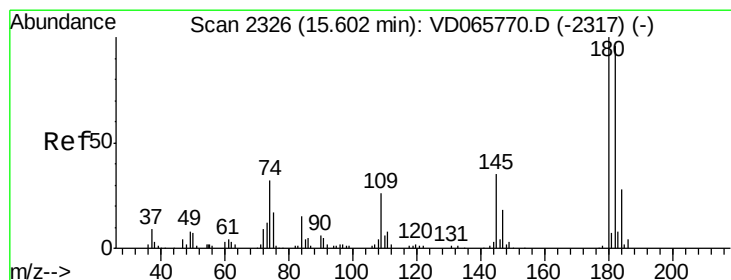
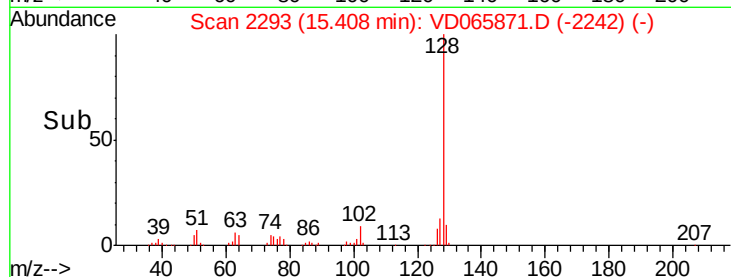
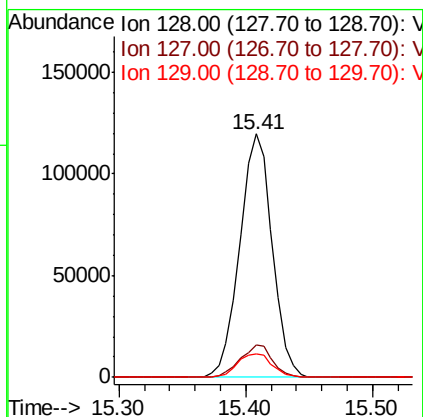
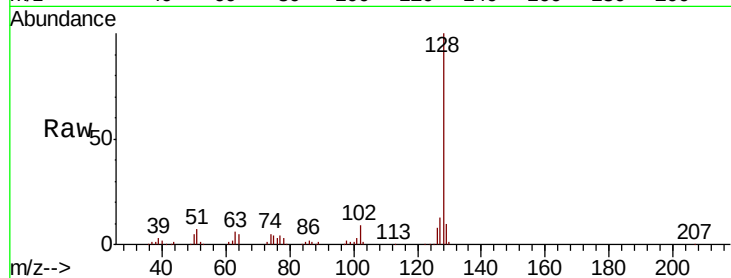




#95
Naphthalene
Concen: 51.230 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 212651
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.432 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion:180 Resp: 104330
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 31.6 16.2 48.6

