

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
 Data File : VD065024.D
 Acq On : 31 Jan 2020 10:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 12:58:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	496644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	698863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	619088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	234341	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.92	113	226842	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.34	98	905762	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.64	95	278555	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	194410	51.96	ug/l	99
3) Chloromethane	2.21	50	250791	45.73	ug/l	95
4) Vinyl Chloride	2.35	62	294954	46.83	ug/l	98
5) Bromomethane	2.77	94	191064	45.10	ug/l	98
6) Chloroethane	2.93	64	193467	46.59	ug/l	100
7) Trichlorofluoromethane	3.27	101	464180	47.72	ug/l	99
8) Diethyl Ether	3.71	74	101751	46.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	233816	51.67	ug/l	99
10) Methyl Iodide	4.30	142	247025	51.43	ug/l	98
11) Tert butyl alcohol	5.24	59	54831	208.28	ug/l	99
12) 1,1-Dichloroethene	4.06	96	215636	49.88	ug/l	97
13) Acrolein	3.92	56	83703	253.63	ug/l	93
14) Allyl chloride	4.71	41	350775	50.87	ug/l	97
15) Acrylonitrile	5.43	53	220062	231.43	ug/l	99
16) Acetone	4.16	43	286965	255.48	ug/l	97
17) Carbon Disulfide	4.40	76	696422	48.95	ug/l	98
18) Methyl Acetate	4.72	43	98651	44.22	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	455038	47.11	ug/l	98
20) Methylene Chloride	4.96	84	236079	51.10	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	249680	50.13	ug/l	98
22) Diisopropyl ether	6.37	45	690314	50.24	ug/l	98
23) Vinyl Acetate	6.31	43	1953464	242.81	ug/l	99
24) 1,1-Dichloroethane	6.27	63	421990	50.02	ug/l	98
25) 2-Butanone	7.22	43	321761	250.00	ug/l	99
26) 2,2-Dichloropropane	7.21	77	394414	51.54	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	267095	50.24	ug/l	98
28) Bromochloromethane	7.55	49	170748	50.60	ug/l	98
29) Tetrahydrofuran	7.57	42	180894	227.80	ug/l	99
30) Chloroform	7.71	83	430835	49.40	ug/l	100
31) Cyclohexane	7.98	56	403640	48.63	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	407945	50.28	ug/l	99
36) 1,1-Dichloropropene	8.11	75	356913	52.96	ug/l	100
37) Ethyl Acetate	7.30	43	128482	46.16	ug/l	99
38) Carbon Tetrachloride	8.10	117	372780	52.34	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
 Data File : VD065024.D
 Acq On : 31 Jan 2020 10:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 12:58:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	425111	53.96	ug/l	99
40) Benzene	8.35	78	963793	51.93	ug/l	100
41) Methacrylonitrile	7.53	41	55375	36.93	ug/l #	65
42) 1,2-Dichloroethane	8.43	62	273831	49.53	ug/l	99
43) Isopropyl Acetate	8.46	43	248657	47.03	ug/l	99
44) Trichloroethene	9.11	130	270058	51.99	ug/l	98
45) 1,2-Dichloropropane	9.39	63	229548	51.02	ug/l	97
46) Dibromomethane	9.48	93	120524	49.06	ug/l	98
47) Bromodichloromethane	9.67	83	331946	51.93	ug/l	99
48) Methyl methacrylate	9.46	41	119841	49.25	ug/l	98
49) 1,4-Dioxane	9.47	88	27060	949.81	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	639387	241.67	ug/l	99
52) Toluene	10.41	92	627219	52.42	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	303746	49.89	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	370946	52.03	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	160683	48.56	ug/l	97
56) Ethyl methacrylate	10.67	69	198095	50.06	ug/l	99
57) 1,3-Dichloropropane	10.95	76	282606	49.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	324877	247.14	ug/l	100
59) 2-Hexanone	10.99	43	494050	270.72	ug/l	98
60) Dibromochloromethane	11.14	129	218294	49.36	ug/l	98
61) 1,2-Dibromoethane	11.26	107	156129	49.00	ug/l	96
64) Tetrachloroethene	10.88	164	239593	53.56	ug/l	98
65) Chlorobenzene	11.68	112	638498	50.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	243064	51.42	ug/l	99
67) Ethyl Benzene	11.75	91	1191942	53.41	ug/l	99
68) m/p-Xylenes	11.86	106	927640	107.97	ug/l	100
69) o-Xylene	12.18	106	409387	53.69	ug/l	98
70) Styrene	12.20	104	730569	53.78	ug/l	99
71) Bromoform	12.37	173	124987	47.56	ug/l #	99
73) Isopropylbenzene	12.48	105	1127897	54.95	ug/l	99
74) N-amyl acetate	12.30	43	223096	48.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	168267	48.78	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	224414	90.04	ug/l #	100
77) Bromobenzene	12.77	156	258564	51.49	ug/l	99
78) n-propylbenzene	12.83	91	1345404	55.12	ug/l	99
79) 2-Chlorotoluene	12.91	91	719049	53.70	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	920189	54.71	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	58385	50.02	ug/l	98
82) 4-Chlorotoluene	13.01	91	754416	53.13	ug/l	99
83) tert-Butylbenzene	13.23	119	779777	54.63	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	917503	53.85	ug/l	100
85) sec-Butylbenzene	13.41	105	1096369	54.25	ug/l	99
86) p-Isopropyltoluene	13.53	119	1039235	54.95	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	506437	52.56	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	483665	50.58	ug/l	99
89) n-Butylbenzene	13.86	91	958003	55.51	ug/l	99
90) Hexachloroethane	14.12	117	193792	53.14	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	417090	50.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	25978	47.06	ug/l	99

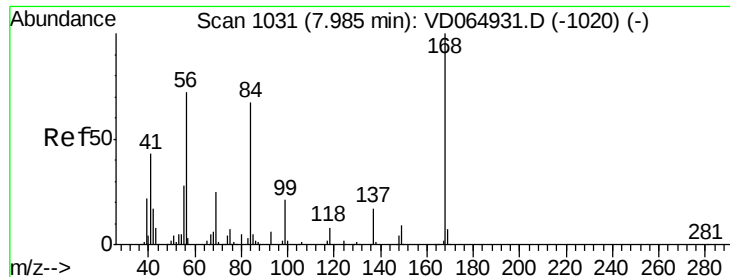
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013120\
Data File : VD065024.D
Acq On : 31 Jan 2020 10:17
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 31 12:58:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	283096	50.03	ug/l	97
94) Hexachlorobutadiene	15.28	225	184096	51.43	ug/l	99
95) Naphthalene	15.41	128	453723	49.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	246629	50.26	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

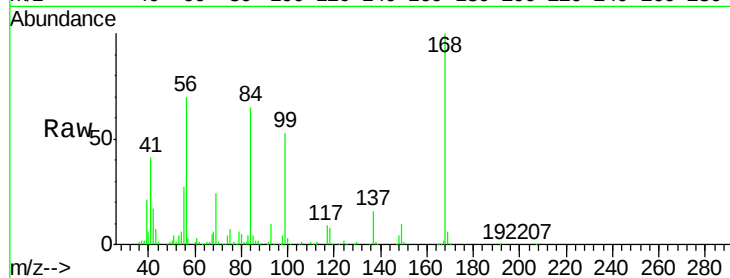
VSTDCCC050

Tgt Ion:168 Resp: 496644

Ion Ratio Lower Upper

168 100

99 52.9 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

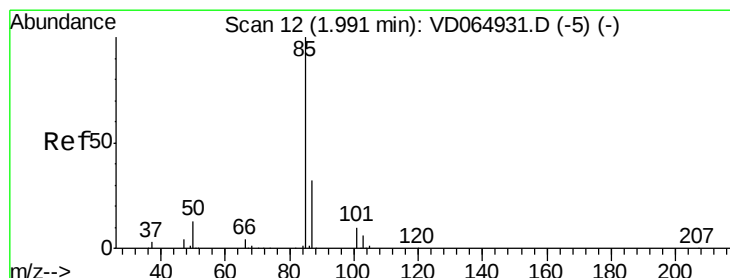
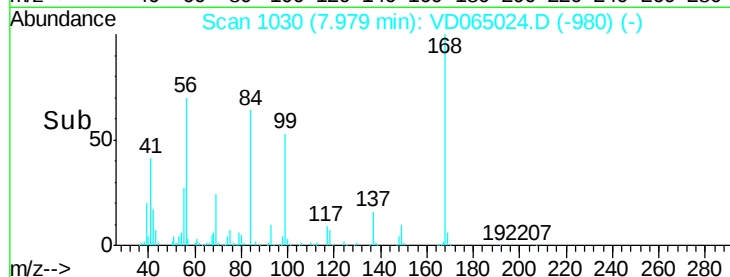
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.96 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065024.D

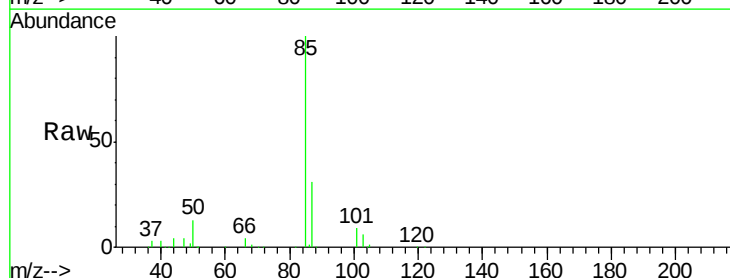
Acq: 31 Jan 2020 10:17

Tgt Ion: 85 Resp: 194410

Ion Ratio Lower Upper

85 100

87 30.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

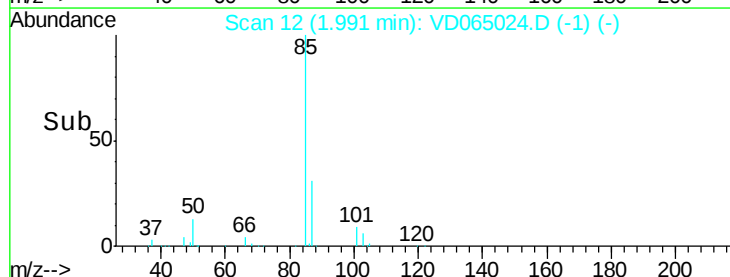
150000

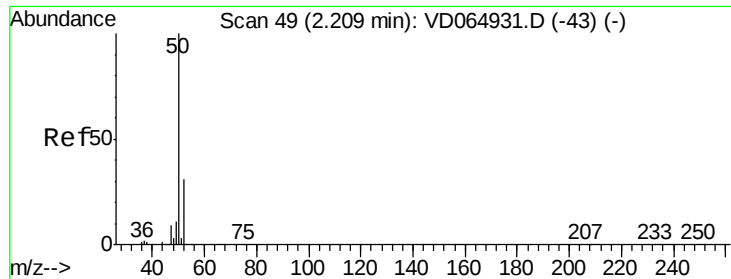
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.73 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

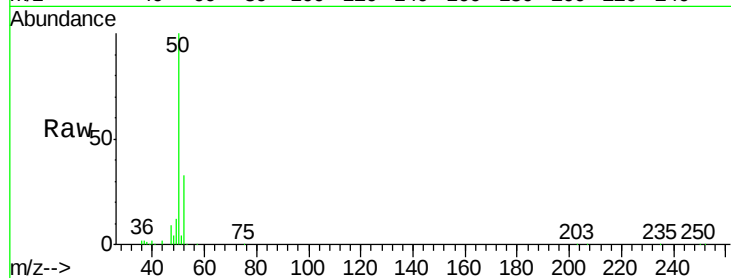
VSTDCCC050

Tgt Ion: 50 Resp: 250791

Ion Ratio Lower Upper

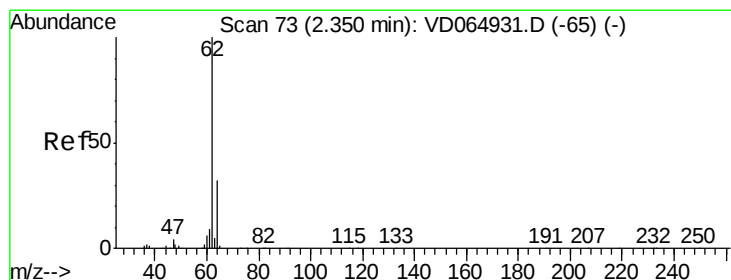
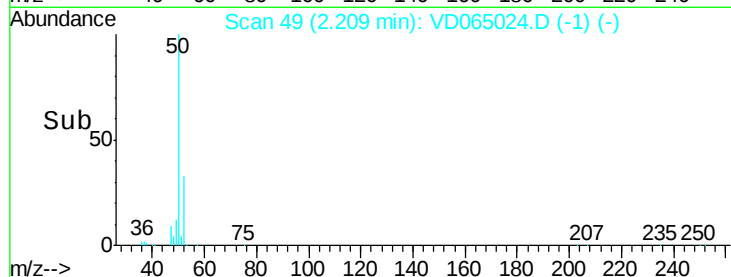
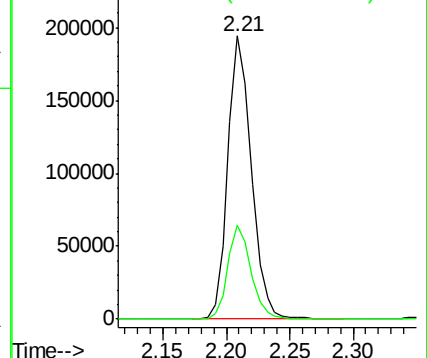
50 100

52 33.2 24.6 36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 46.83 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065024.D

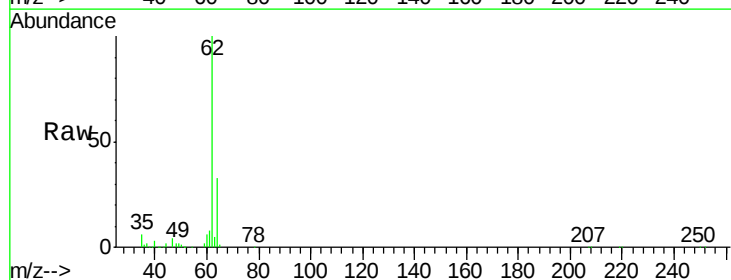
Acq: 31 Jan 2020 10:17

Tgt Ion: 62 Resp: 294954

Ion Ratio Lower Upper

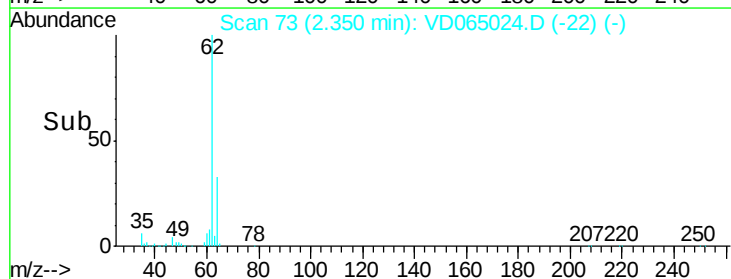
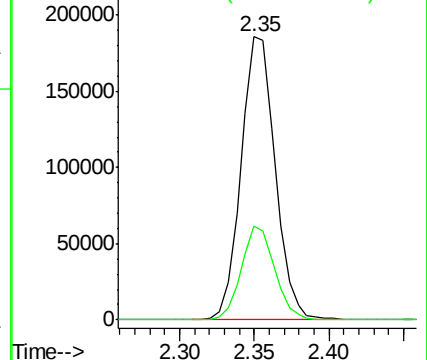
62 100

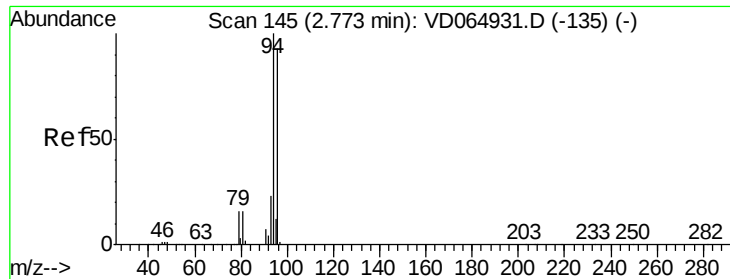
64 33.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.10 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

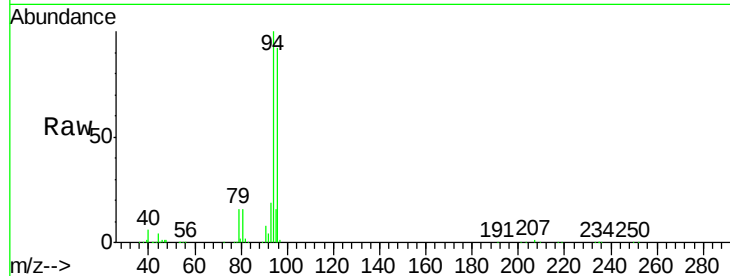
VSTDCCC050

Tgt Ion: 94 Resp: 191064

Ion Ratio Lower Upper

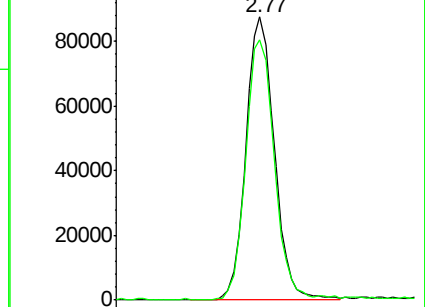
94 100

96 91.6 74.6 111.8

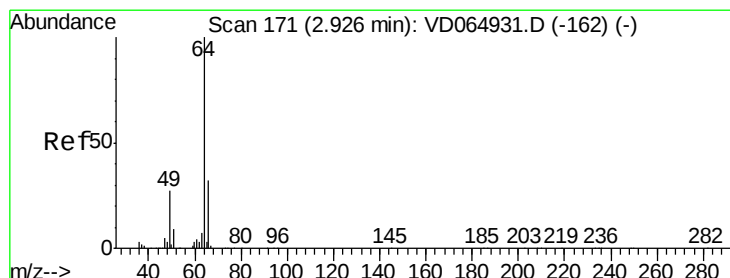
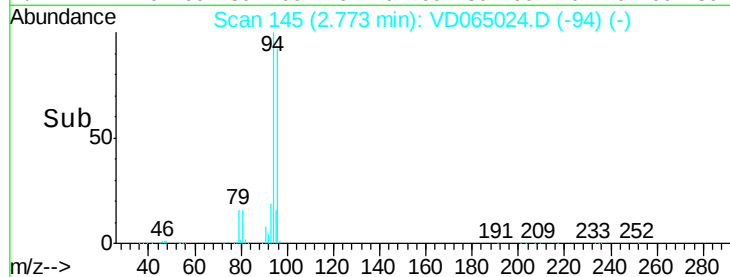


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 46.59 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065024.D

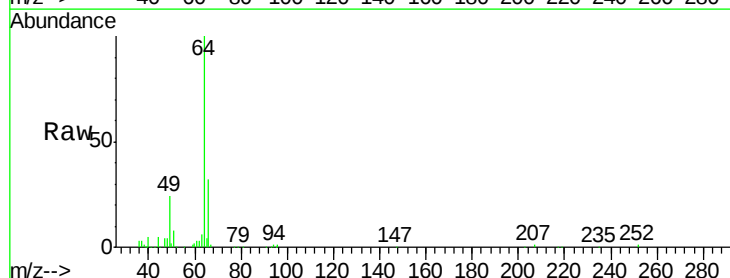
Acq: 31 Jan 2020 10:17

Tgt Ion: 64 Resp: 193467

Ion Ratio Lower Upper

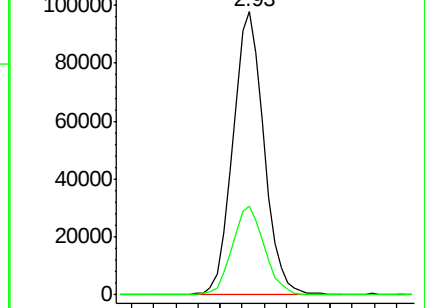
64 100

66 31.6 25.3 37.9

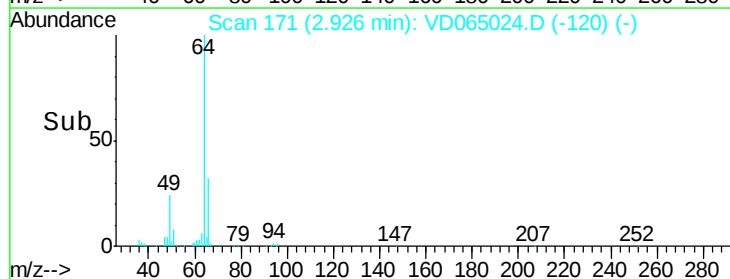


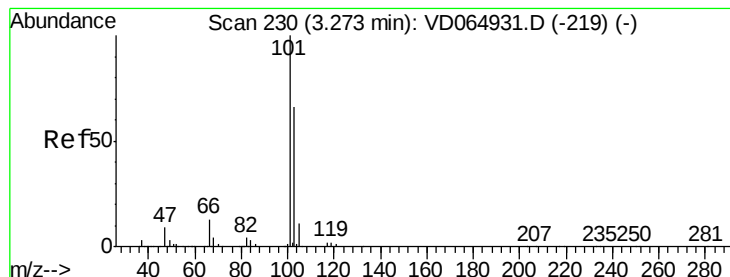
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->



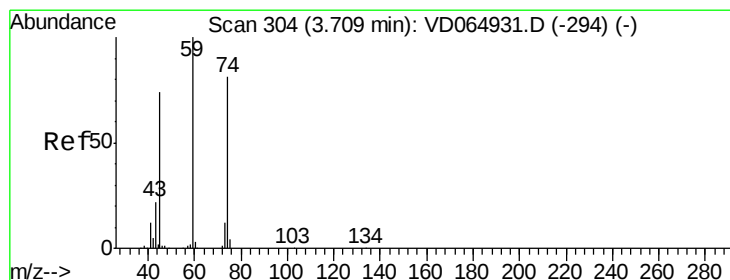
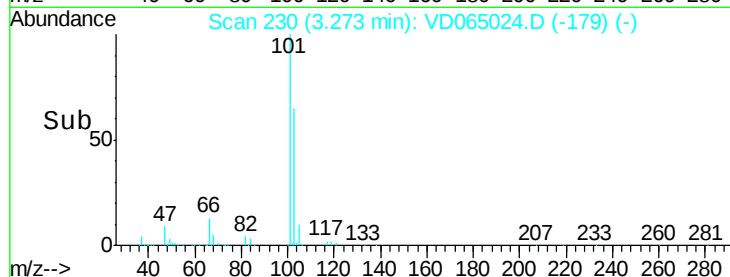
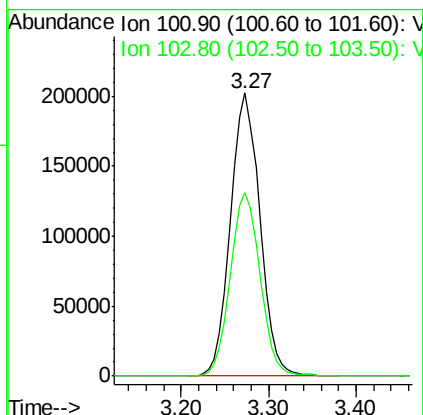
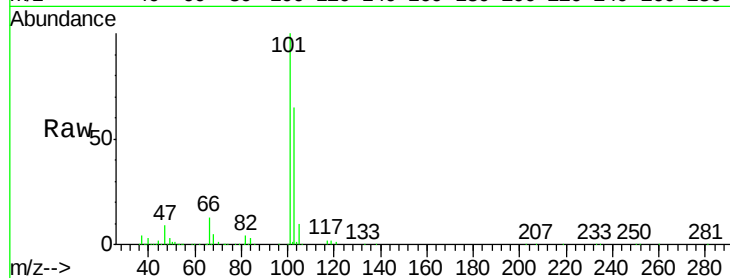


#7

Trichlorofluoromethane
Concen: 47.72 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

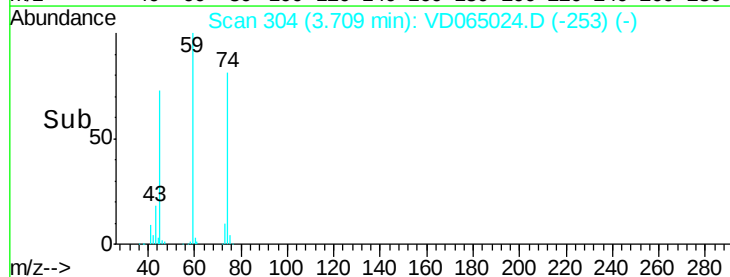
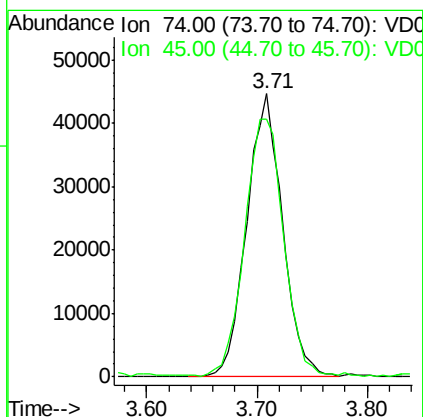
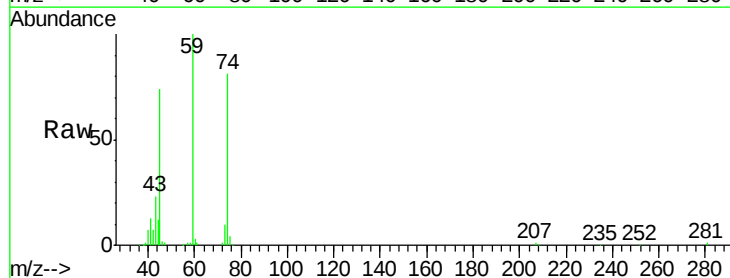
Tgt Ion:101 Resp: 464180
Ion Ratio Lower Upper
101 100
103 64.9 52.5 78.7

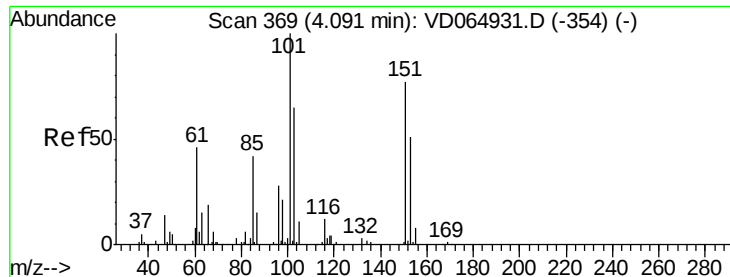


#8

Diethyl Ether
Concen: 46.34 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 74 Resp: 101751
Ion Ratio Lower Upper
74 100
45 98.6 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.67 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

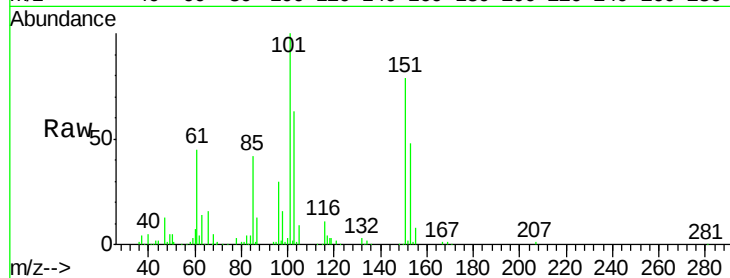
Tgt Ion:101 Resp: 233816

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

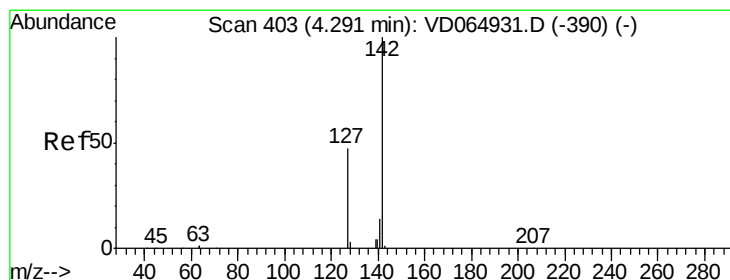
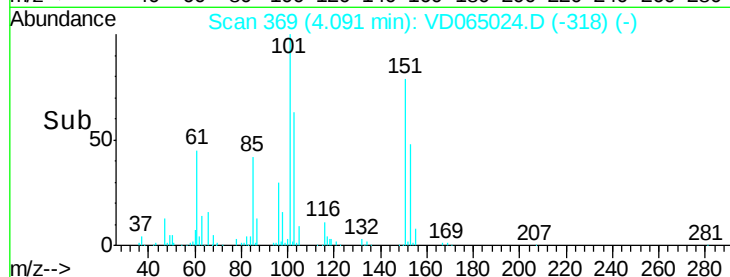
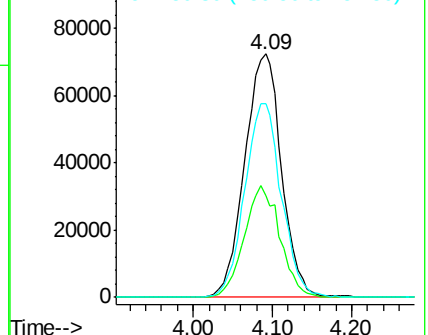
151 79.3 64.6 96.8



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: 51.43 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

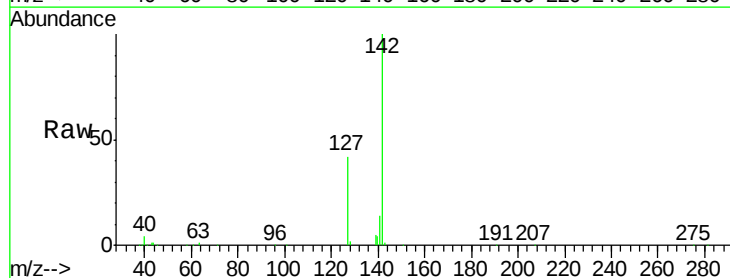
Tgt Ion:142 Resp: 247025

Ion Ratio Lower Upper

142 100

127 46.6 36.2 54.2

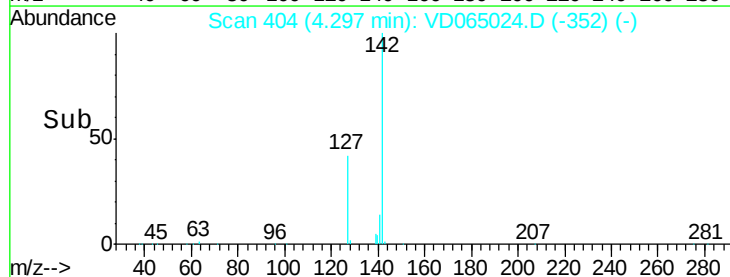
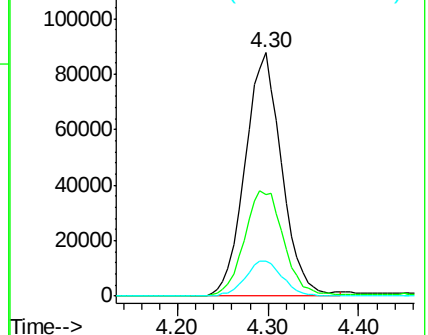
141 14.8 11.6 17.4

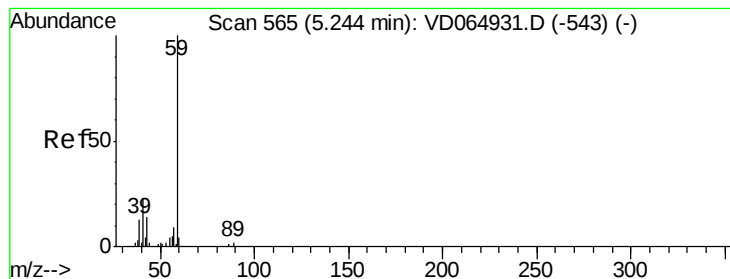


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



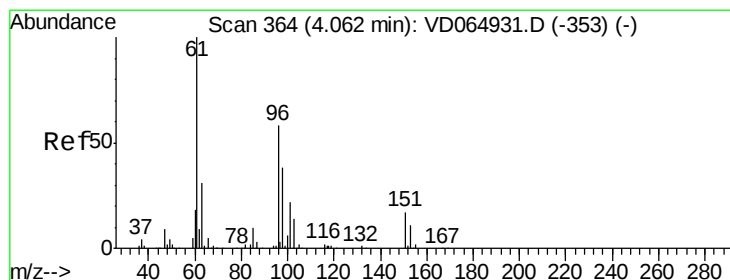
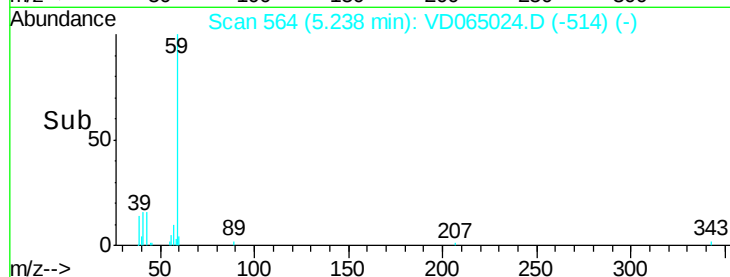
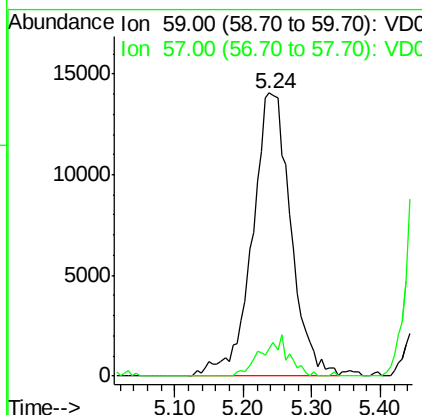
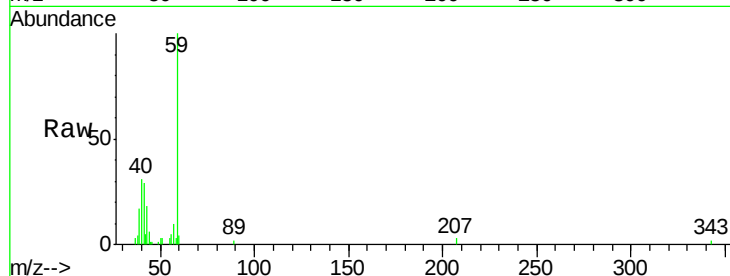


#11

Tert butyl alcohol
 Concen: 208.28 ug/l
 RT: 5.24 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

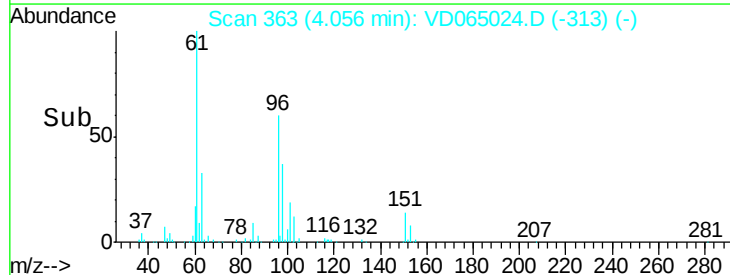
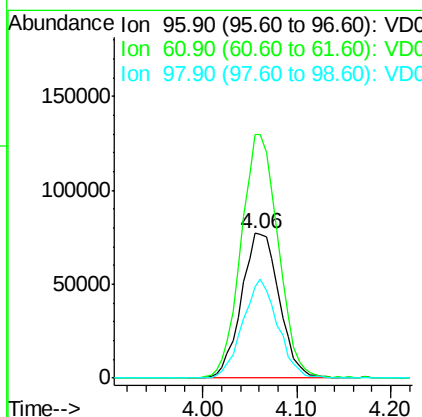
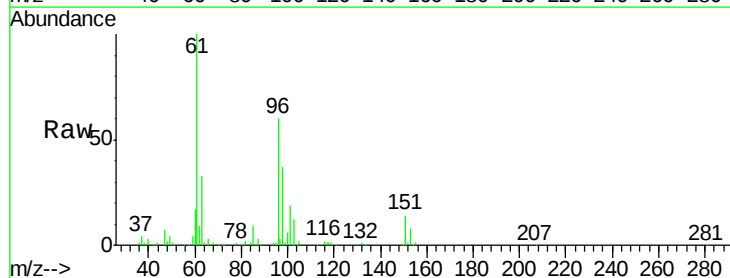
Tgt Ion: 59 Resp: 54831
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

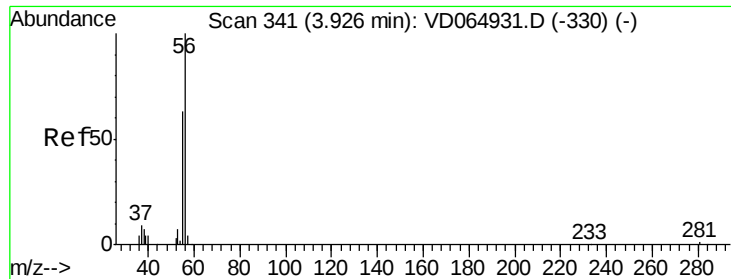


#12

1,1-Dichloroethene
 Concen: 49.88 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion: 96 Resp: 215636
 Ion Ratio Lower Upper
 96 100
 61 167.8 137.0 205.4
 98 62.8 52.1 78.1





#13

Acrolein

Concen: 253.63 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

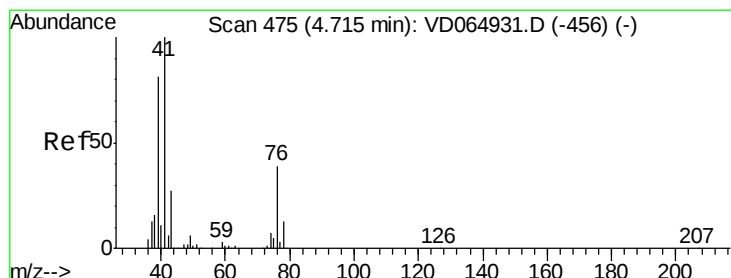
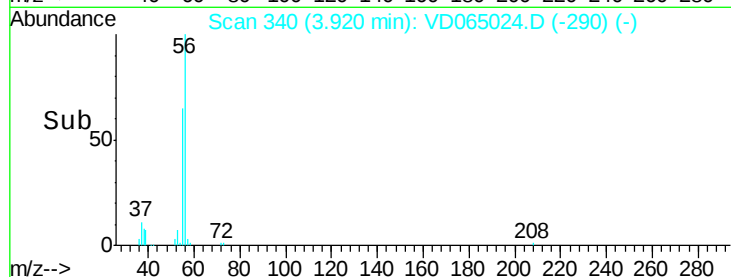
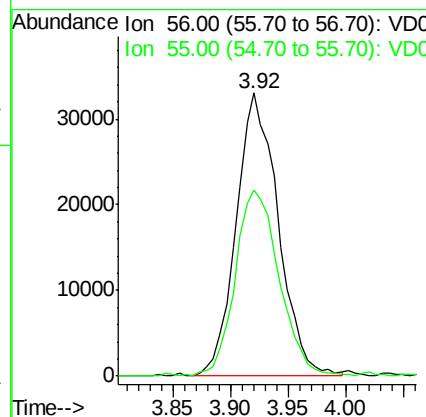
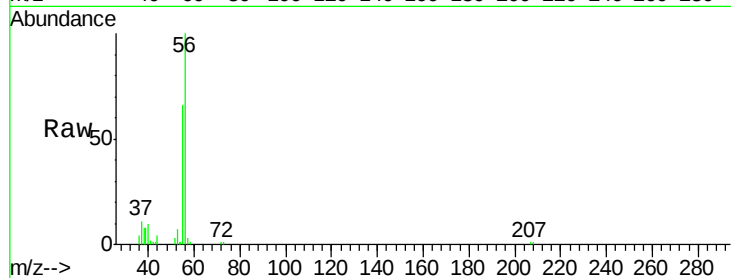
VSTDCCC050

Tgt Ion: 56 Resp: 83703

Ion Ratio Lower Upper

56 100

55 68.7 59.7 89.5



#14

Allyl chloride

Concen: 50.87 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

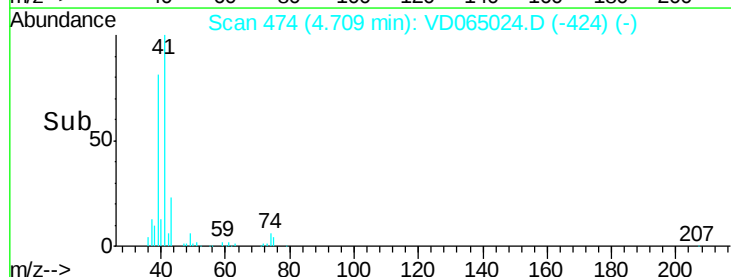
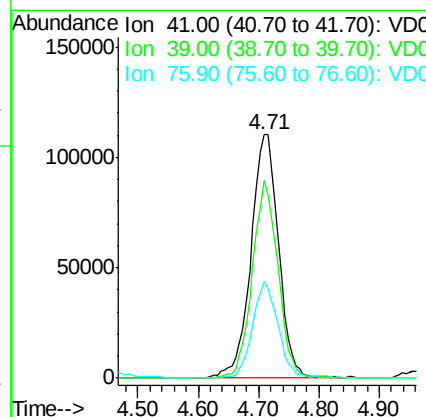
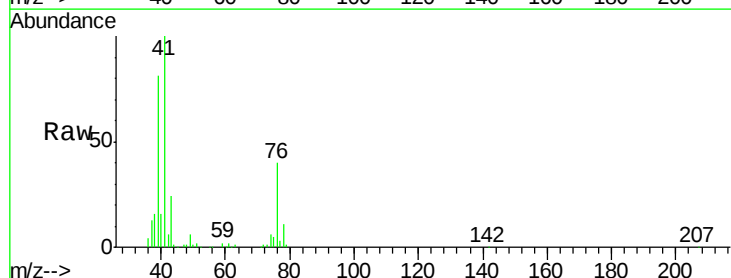
Tgt Ion: 41 Resp: 350775

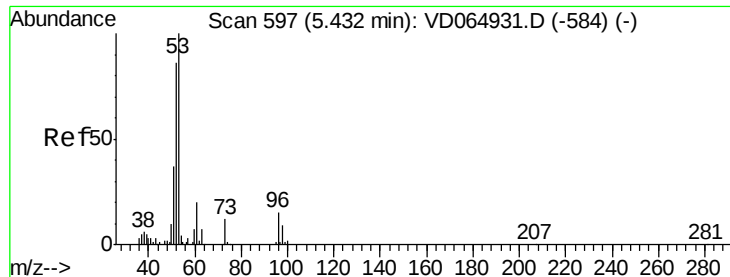
Ion Ratio Lower Upper

41 100

39 74.7 62.0 93.0

76 35.8 29.3 43.9





#15

Acrylonitrile

Concen: 231.43 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

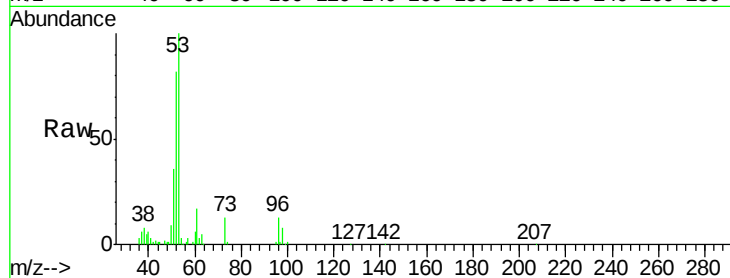
Tgt Ion: 53 Resp: 220062

Ion Ratio Lower Upper

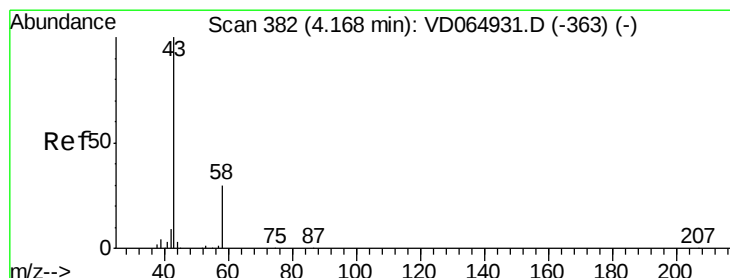
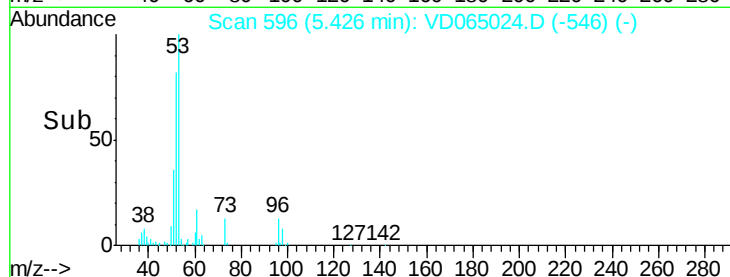
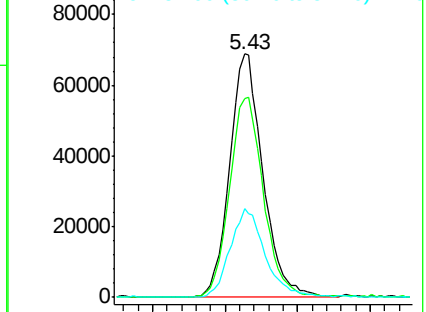
53 100

52 83.6 66.7 100.1

51 38.1 31.1 46.7



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: 255.48 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065024.D

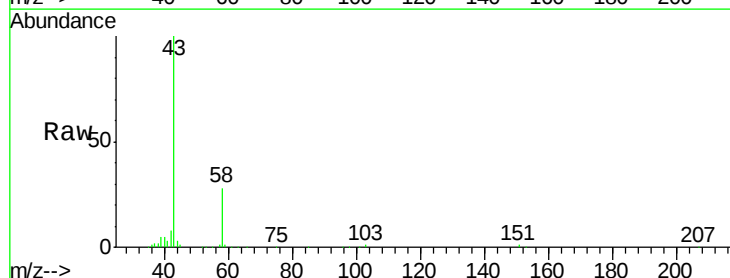
Acq: 31 Jan 2020 10:17

Tgt Ion: 43 Resp: 286965

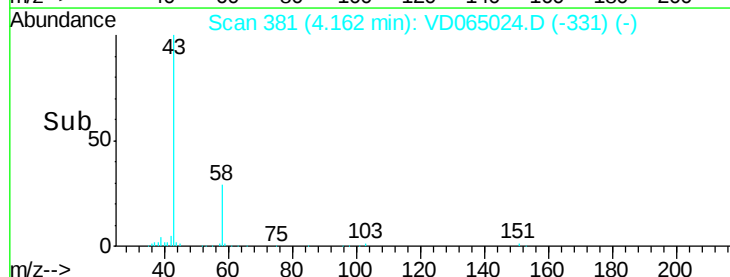
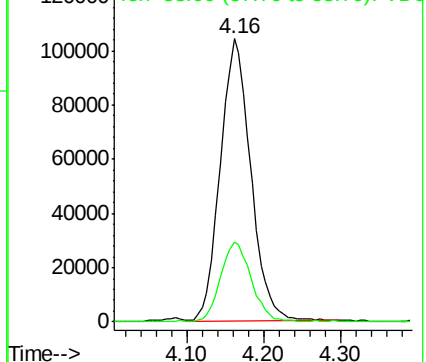
Ion Ratio Lower Upper

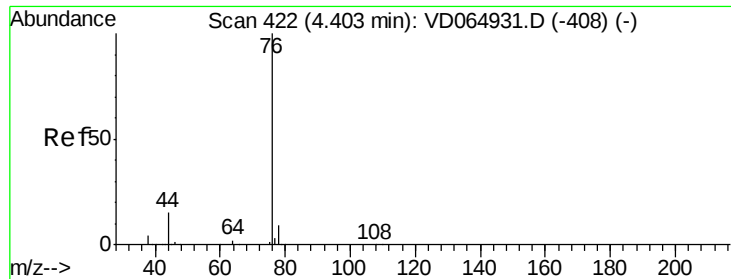
43 100

58 28.3 23.8 35.8



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

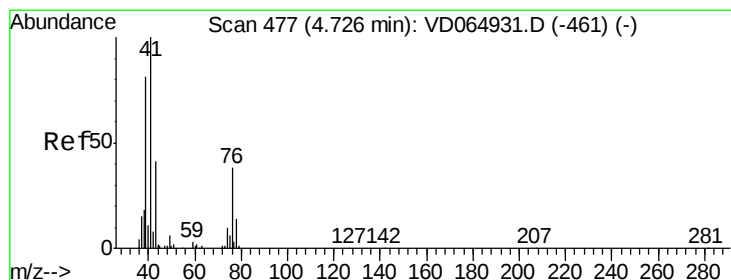
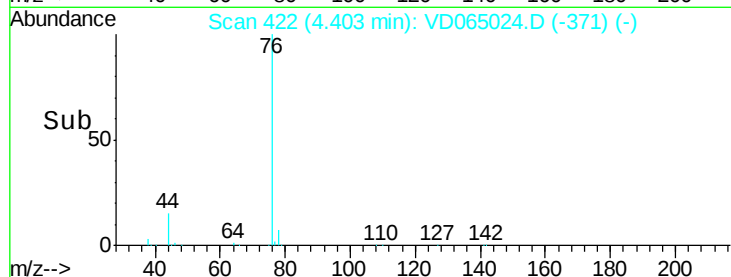
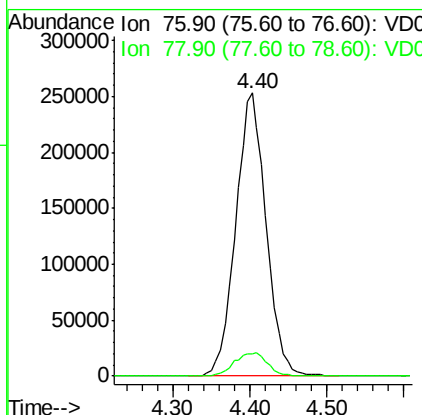
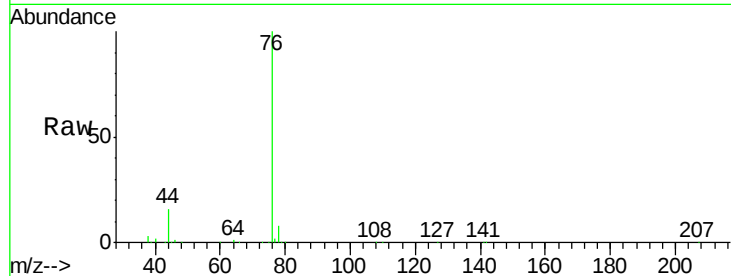




#17
Carbon Disulfide
Concen: 48.95 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

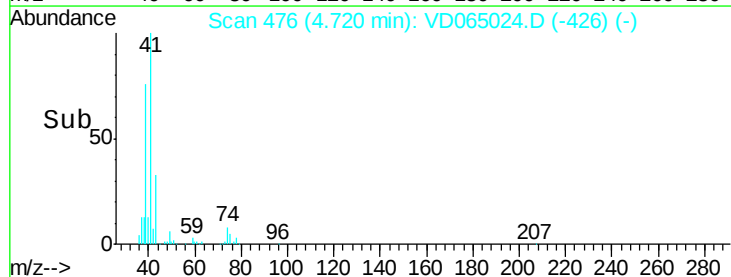
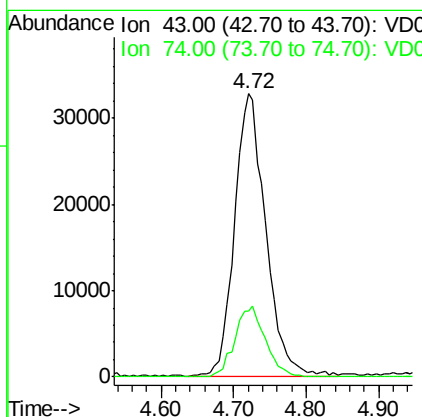
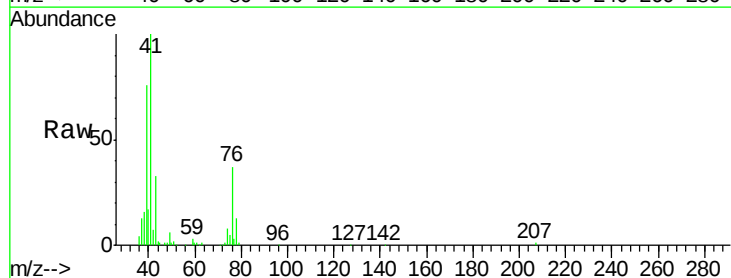
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

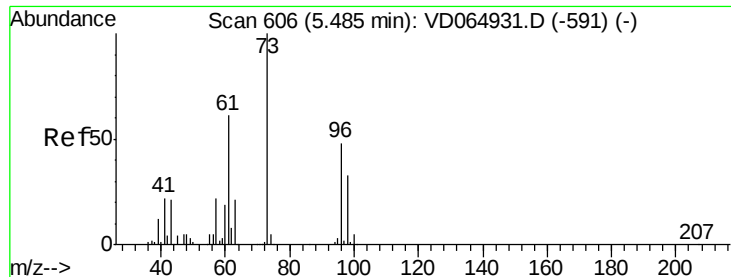
Tgt Ion: 76 Resp: 696422
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#18
Methyl Acetate
Concen: 44.22 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 43 Resp: 98651
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7

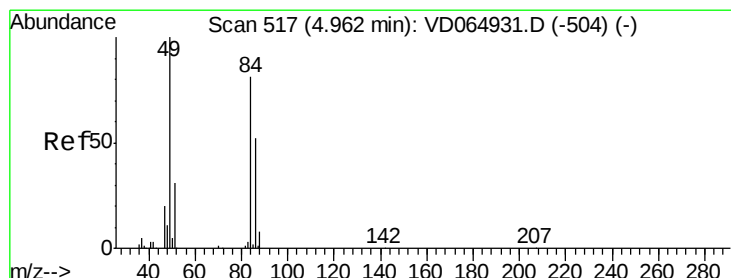
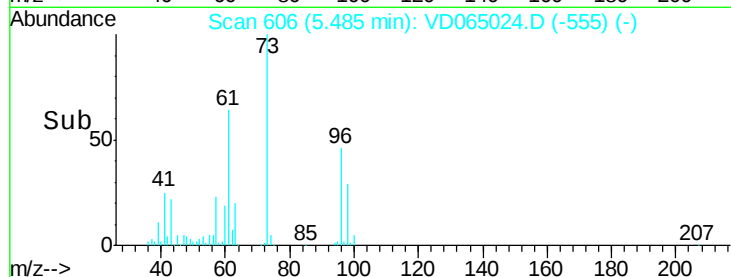
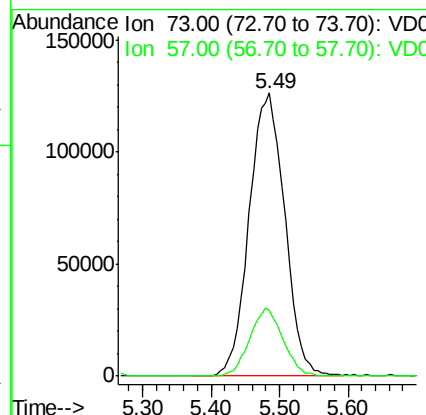
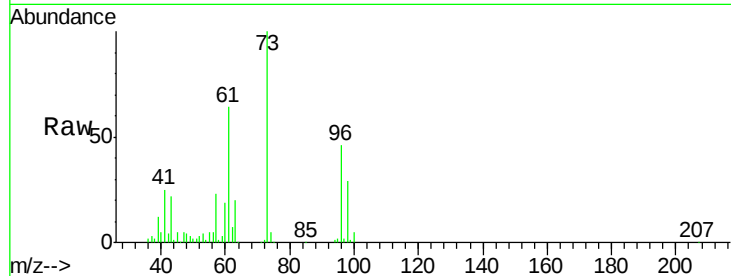




#19
Methyl tert-butyl Ether
Concen: 47.11 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

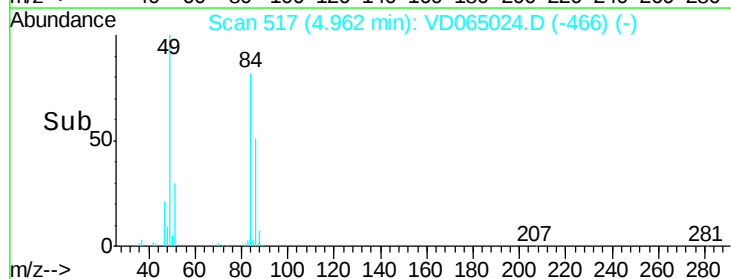
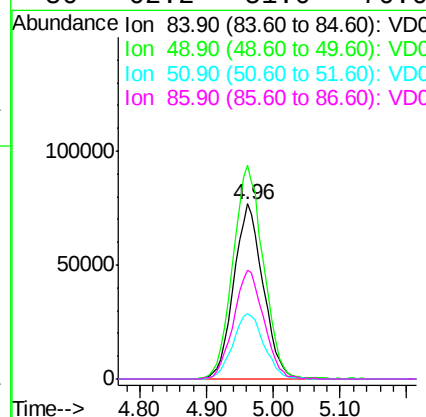
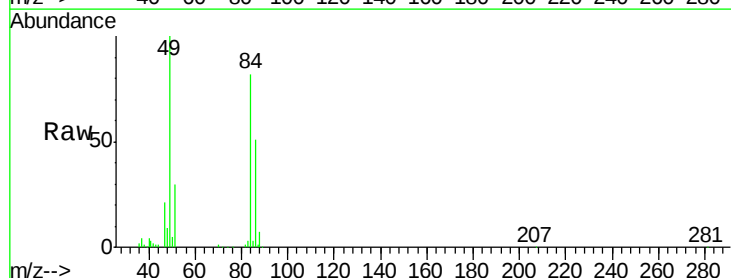
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

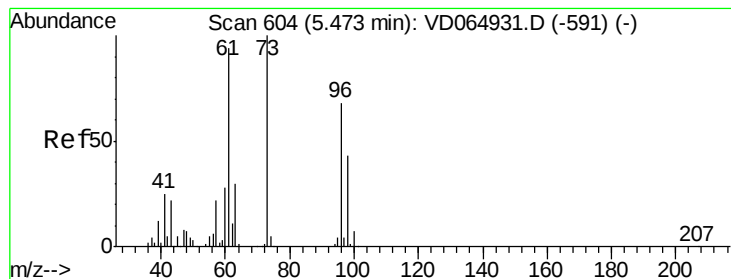
Tgt Ion: 73 Resp: 455038
Ion Ratio Lower Upper
73 100
57 23.5 17.9 26.9



#20
Methylene Chloride
Concen: 51.10 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 84 Resp: 236079
Ion Ratio Lower Upper
84 100
49 121.8 98.4 147.6
51 37.0 30.8 46.2
86 62.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.13 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

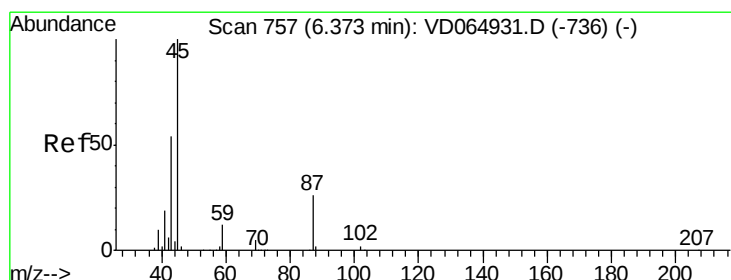
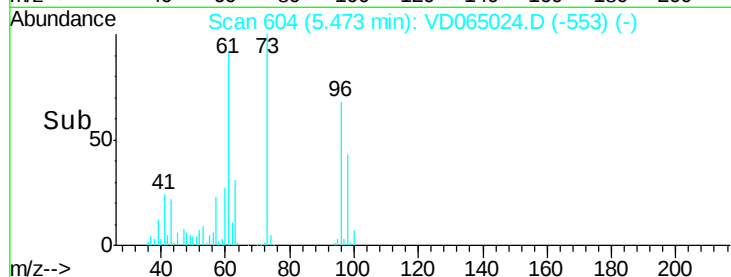
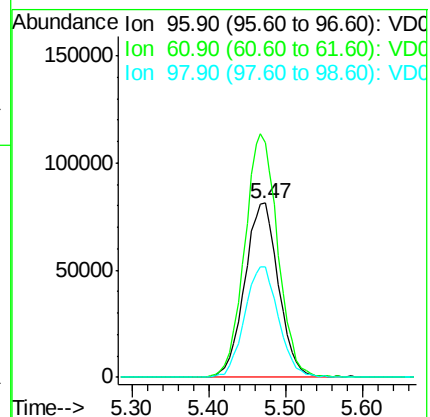
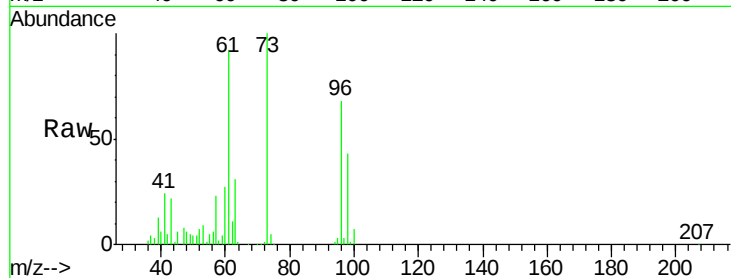
Tgt Ion: 96 Resp: 249680

Ion Ratio Lower Upper

96 100

61 135.0 110.4 165.6

98 63.4 50.5 75.7



#22

Diisopropyl ether

Concen: 50.24 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Tgt Ion: 45 Resp: 690314

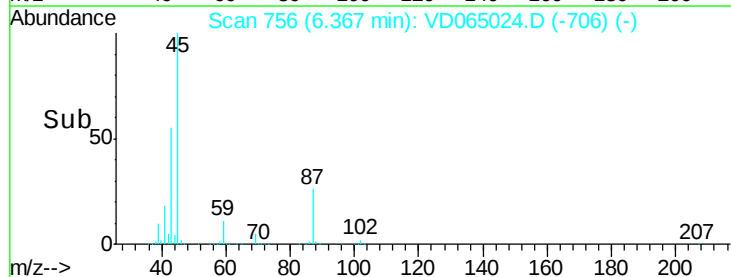
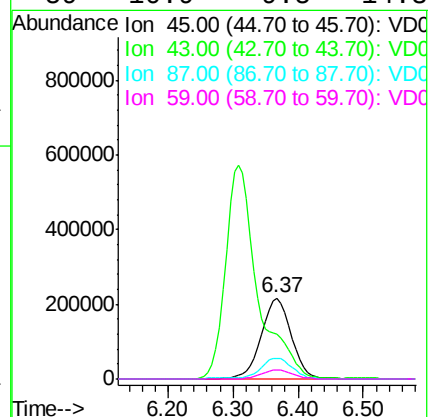
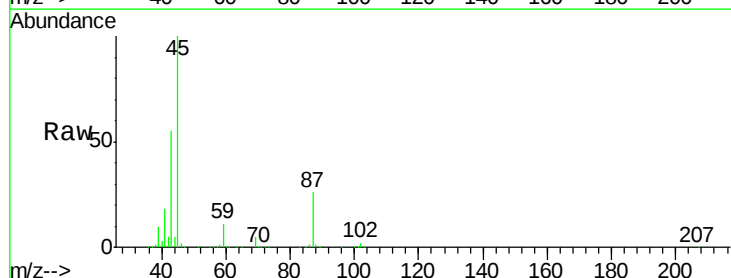
Ion Ratio Lower Upper

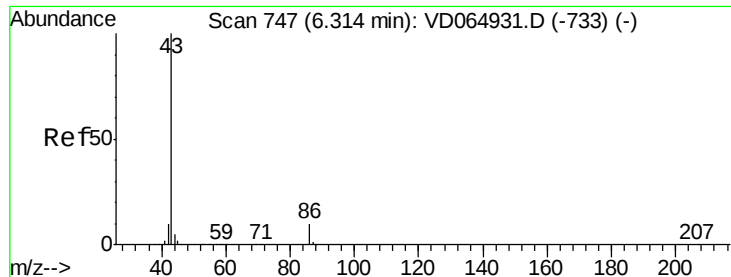
45 100

43 54.9 43.1 64.7

87 26.1 21.4 32.2

59 10.9 9.5 14.3





#23

Vinyl Acetate

Concen: 242.81 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

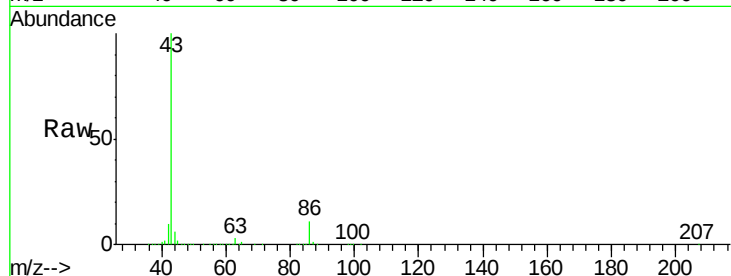
VSTDCCC050

Tgt Ion: 43 Resp: 1953464

Ion Ratio Lower Upper

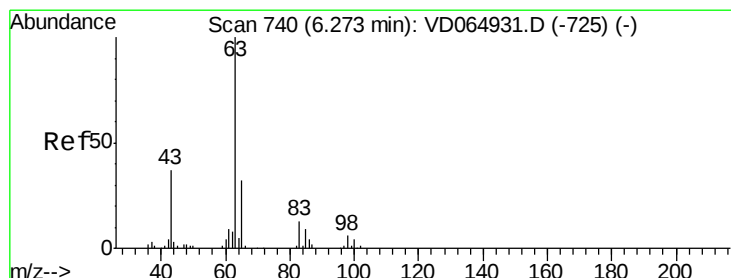
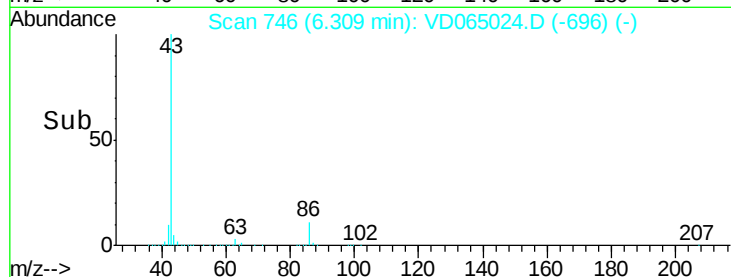
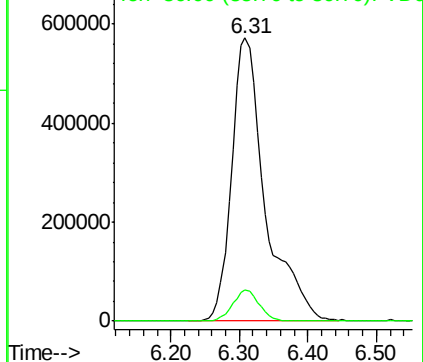
43 100

86 10.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.02 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

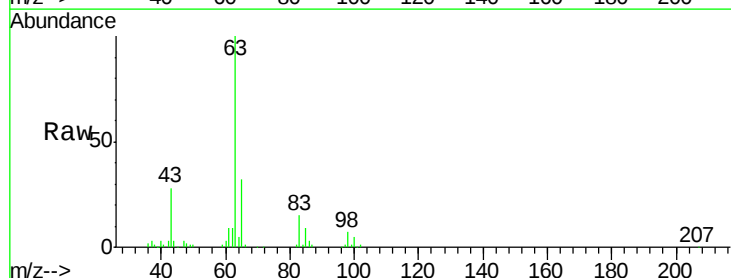
Tgt Ion: 63 Resp: 421990

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.3

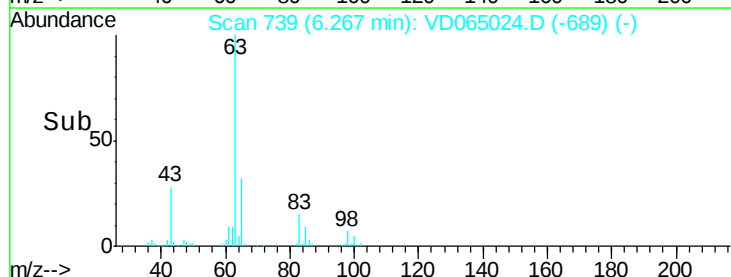
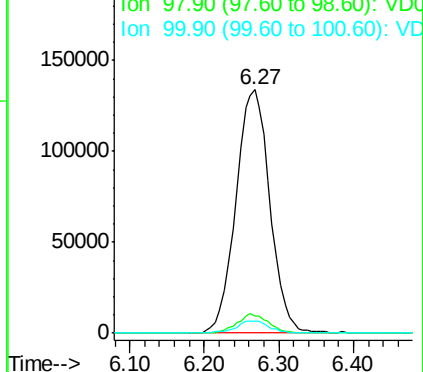
100 4.9 2.3 6.8

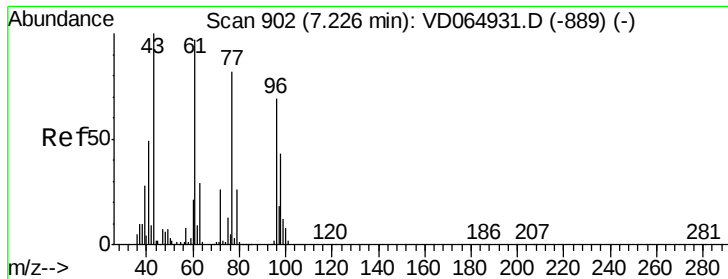


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 250.00 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

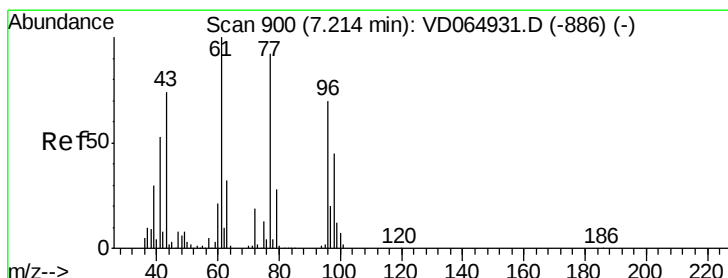
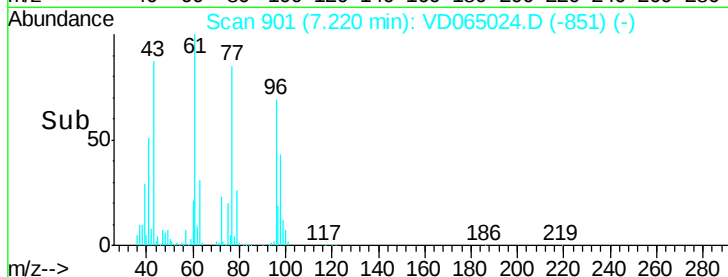
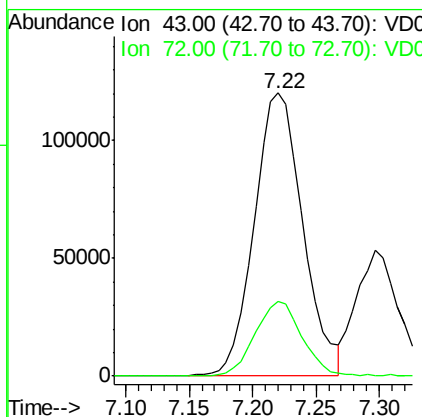
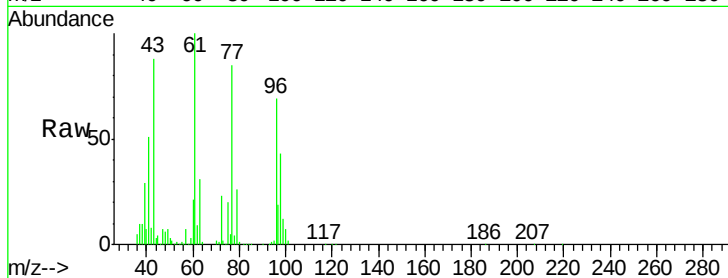
VSTDCCC050

Tgt Ion: 43 Resp: 321761

Ion Ratio Lower Upper

43 100

72 26.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 51.54 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065024.D

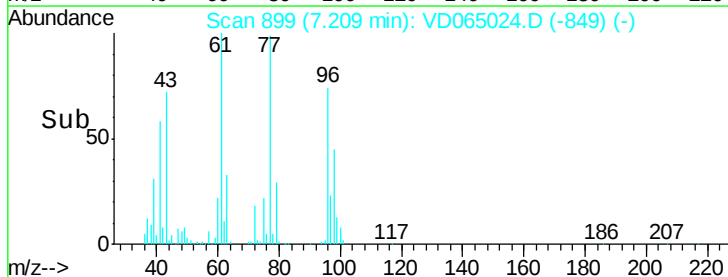
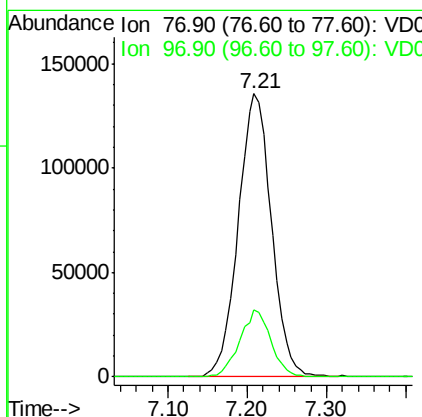
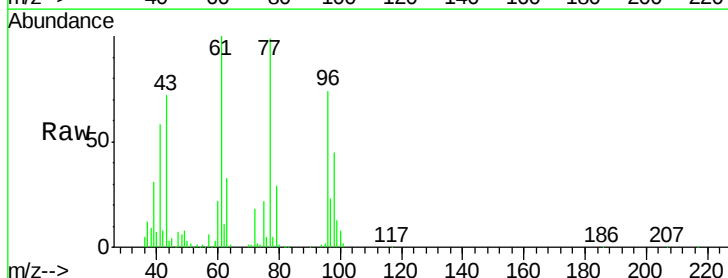
Acq: 31 Jan 2020 10:17

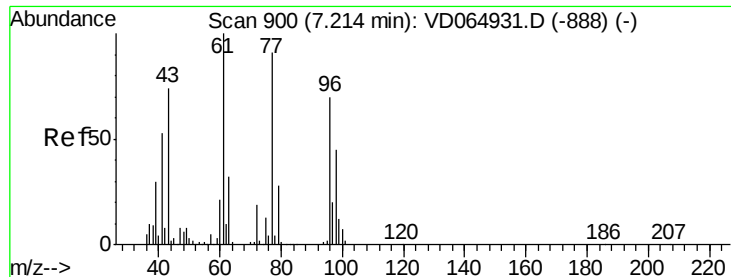
Tgt Ion: 77 Resp: 394414

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.24 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

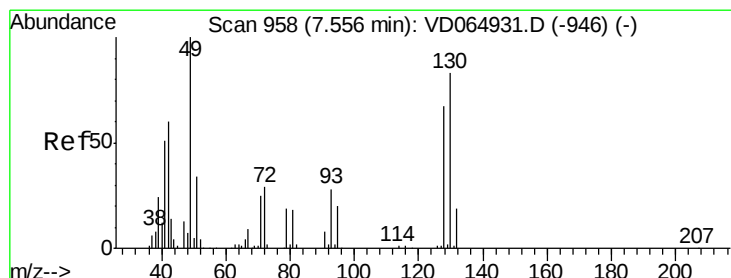
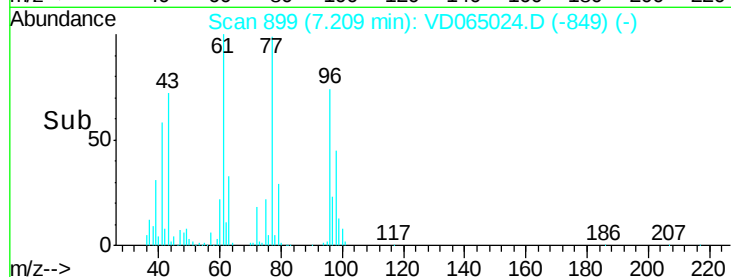
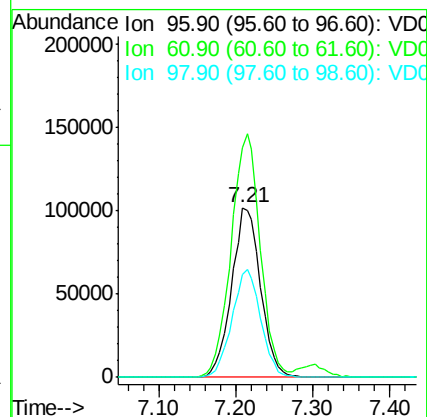
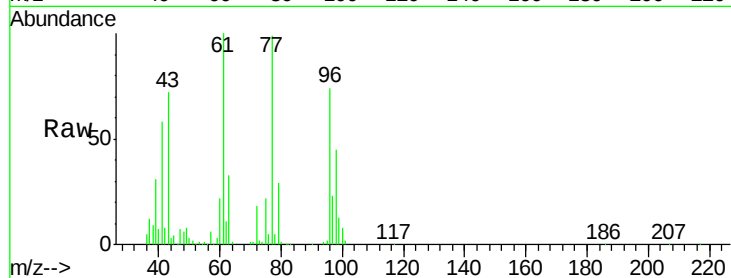
Tgt Ion: 96 Resp: 267095

Ion Ratio Lower Upper

96 100

61 144.5 0.0 292.8

98 62.9 0.0 130.0



#28

Bromochloromethane

Concen: 50.60 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

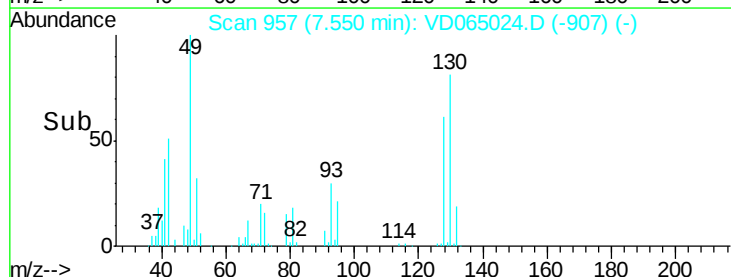
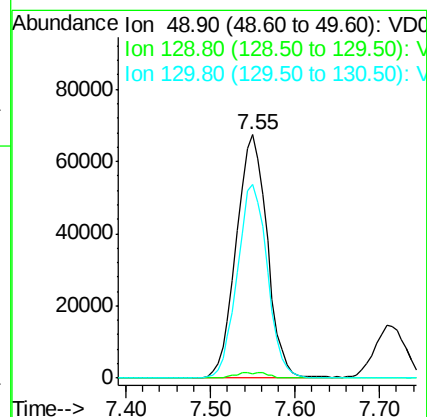
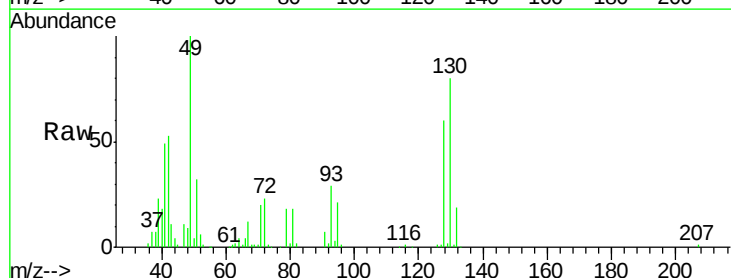
Tgt Ion: 49 Resp: 170748

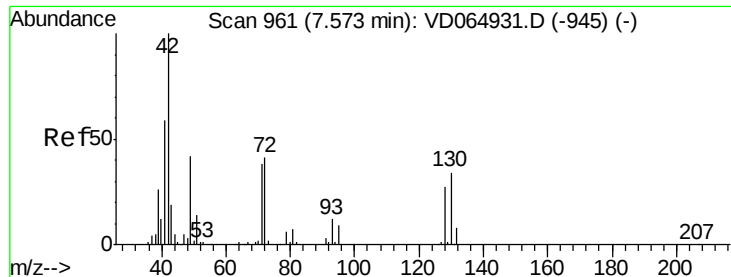
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 77.7 63.8 95.8

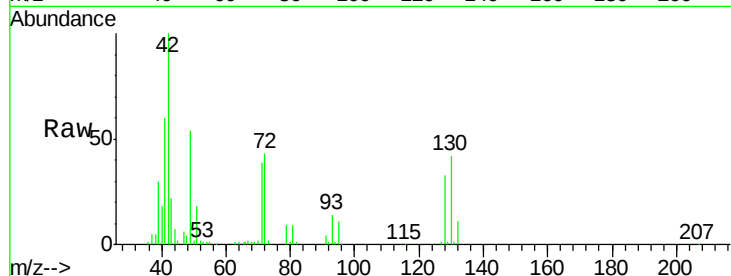




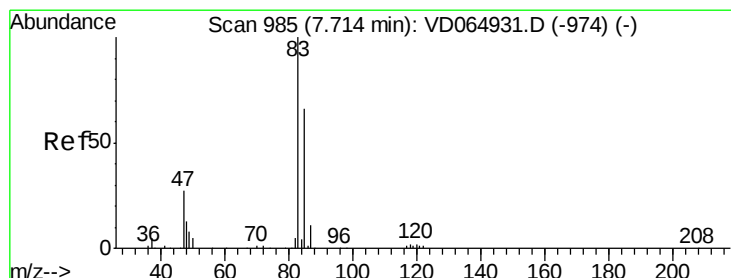
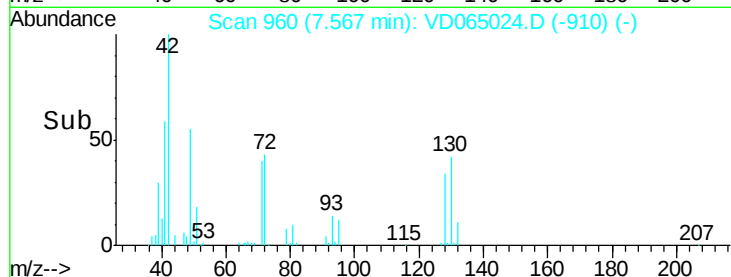
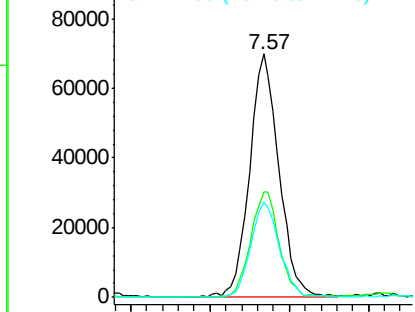
#29
Tetrahydrofuran
Concen: 227.80 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 180894
Ion Ratio Lower Upper
42 100
72 42.4 34.0 51.0
71 38.3 31.5 47.3

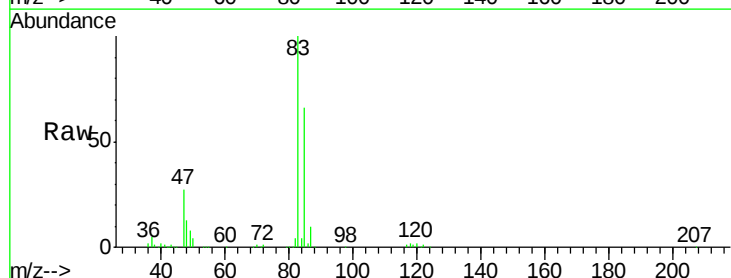


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

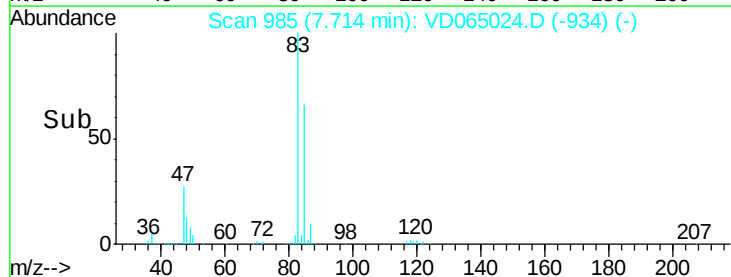
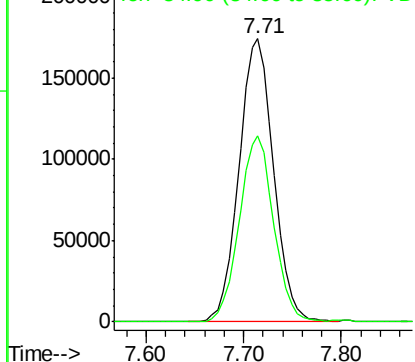


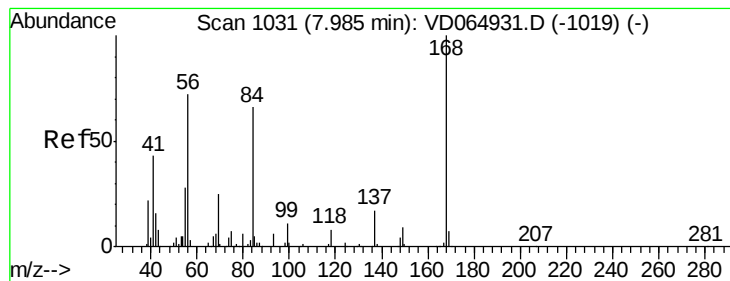
#30
Chloroform
Concen: 49.40 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 83 Resp: 430835
Ion Ratio Lower Upper
83 100
85 65.6 52.4 78.6



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





#31

Cyclohexane

Concen: 48.63 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

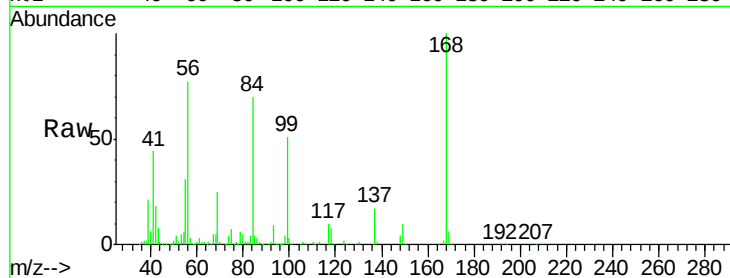
Tgt Ion: 56 Resp: 403640

Ion Ratio Lower Upper

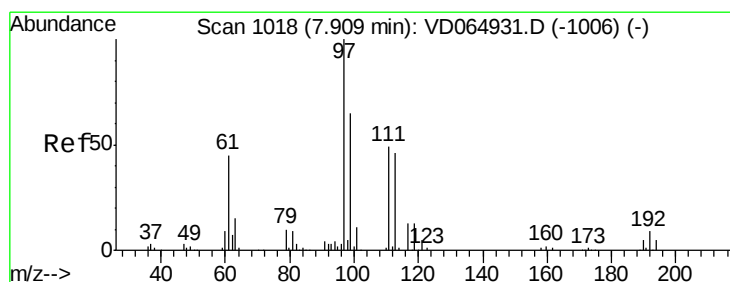
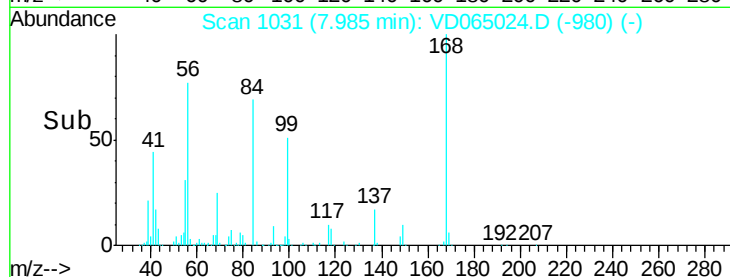
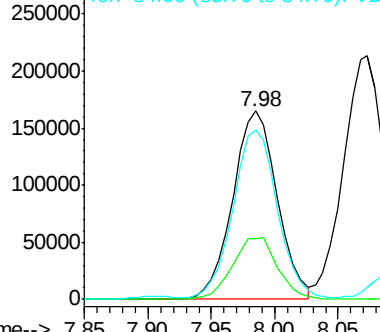
56 100

69 32.3 27.9 41.9

84 88.5 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 50.28 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

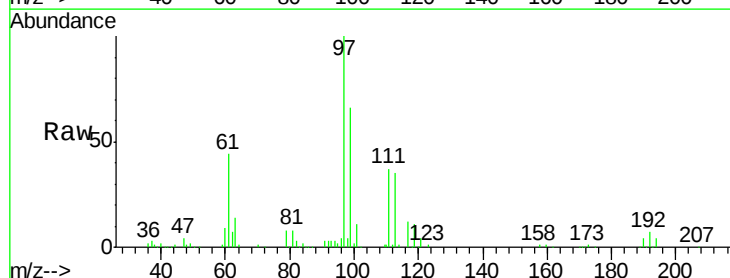
Tgt Ion: 97 Resp: 407945

Ion Ratio Lower Upper

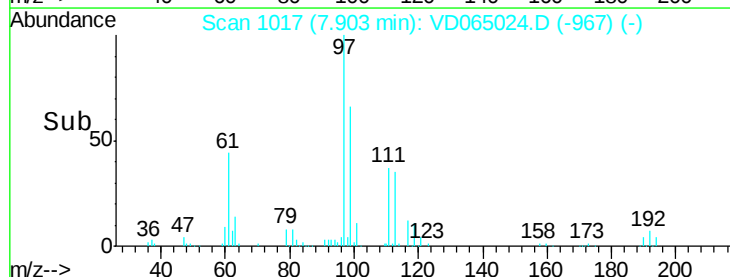
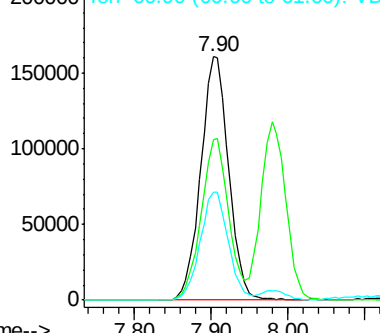
97 100

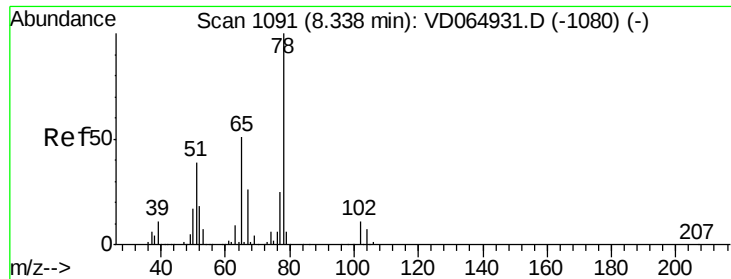
99 65.0 50.6 76.0

61 44.6 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

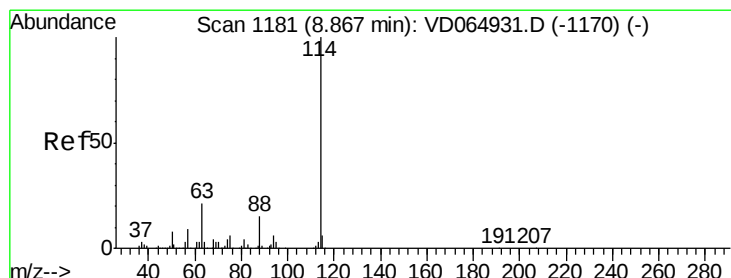
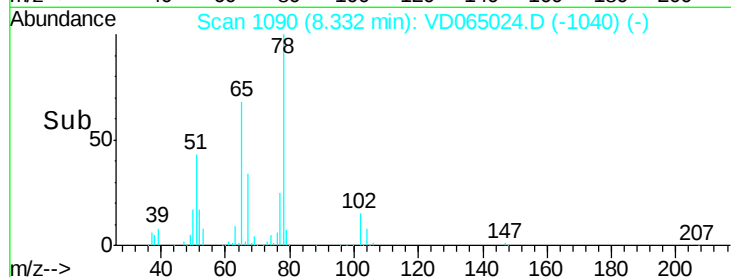
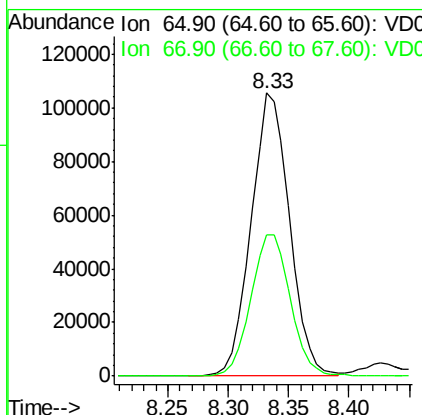
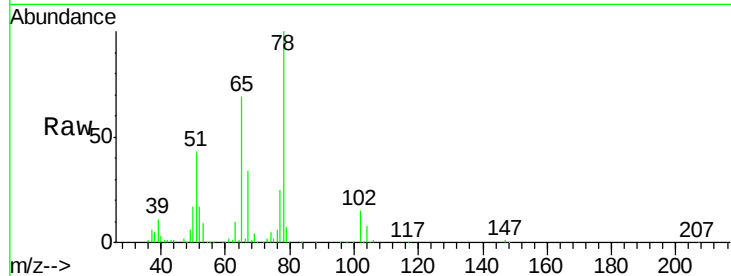




#33
 1,2-Dichloroethane-d4
 Concen: 49.19 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

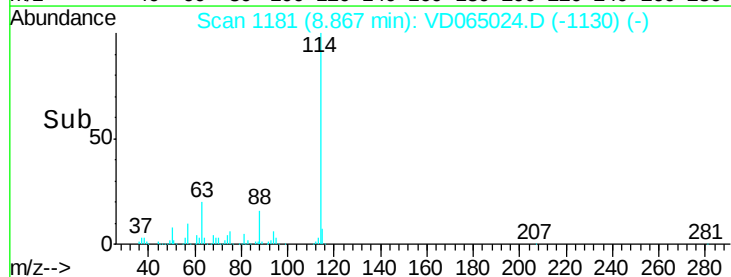
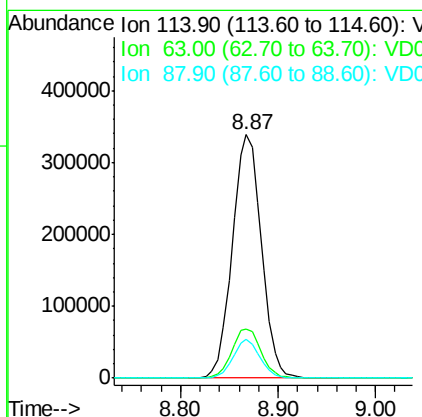
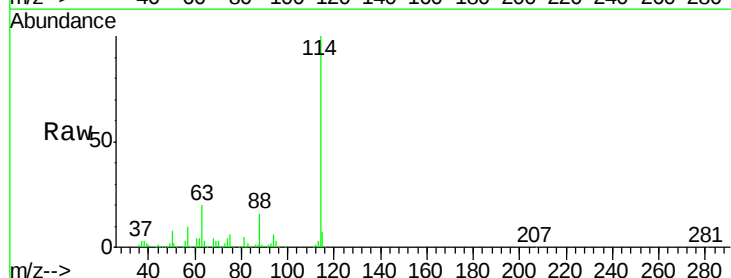
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 234341
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion: 114 Resp: 698863
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.0
 88 15.7 0.0 29.4

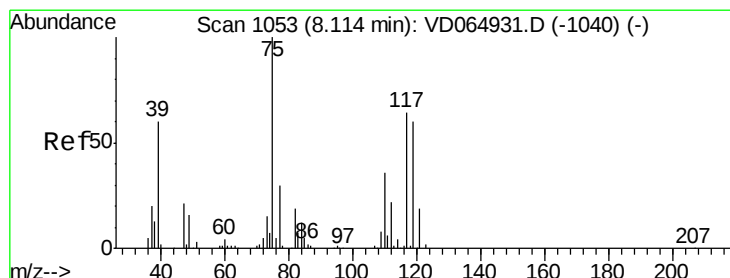
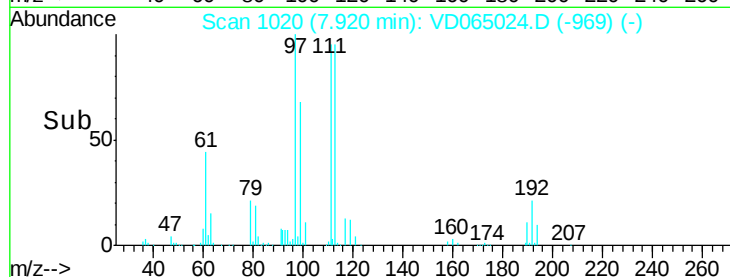
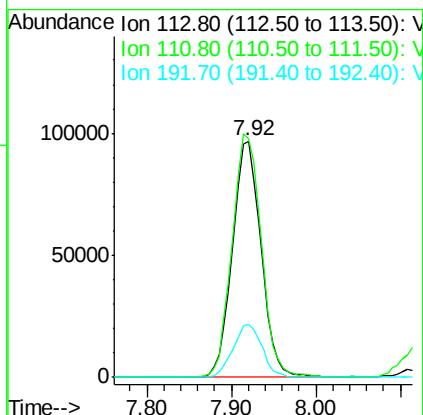
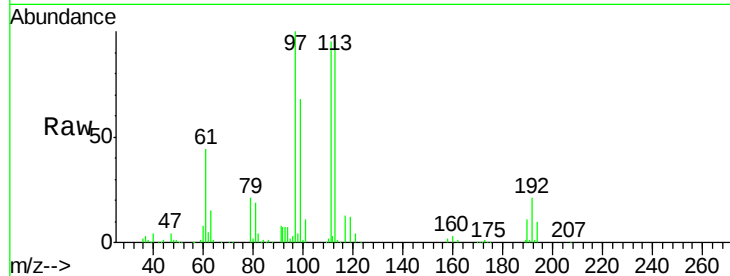




#35
 Dibromofluoromethane
 Concen: 51.65 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

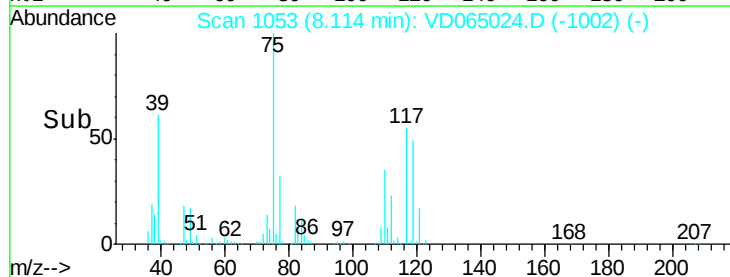
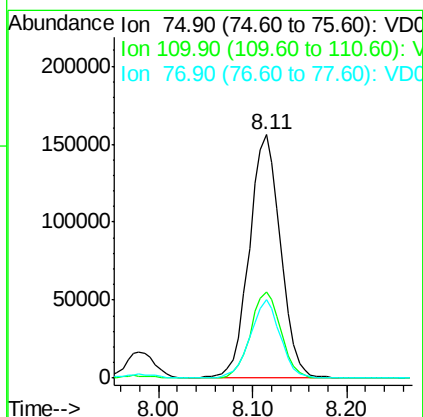
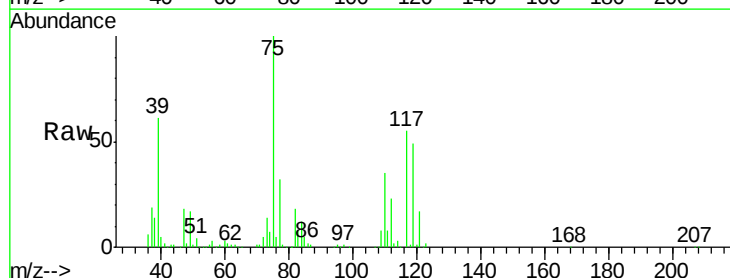
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

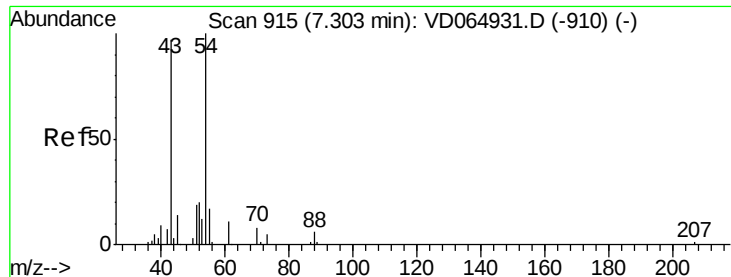
Tgt Ion: 113 Resp: 226842
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.4 123.6
 192 22.7 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 52.96 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion: 75 Resp: 356913
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.3 52.0
 77 31.3 24.7 37.1

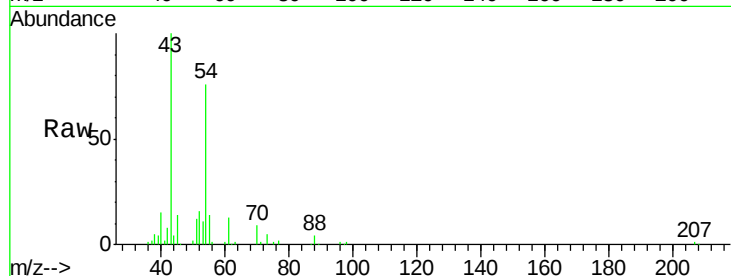




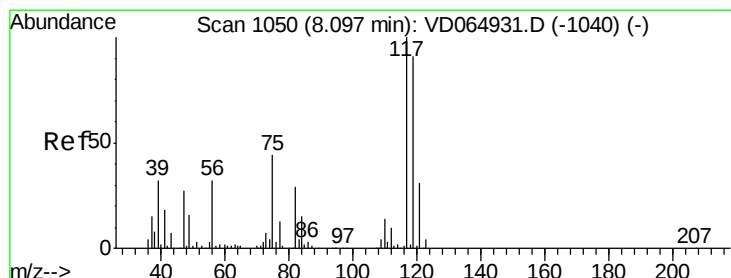
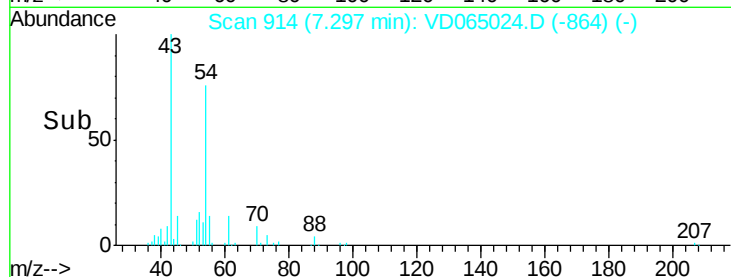
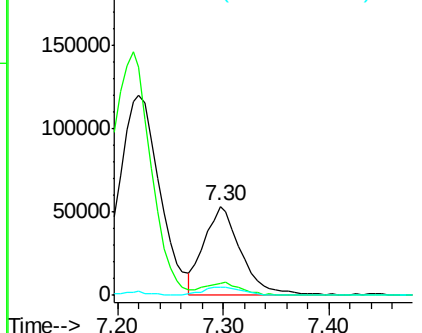
#37
Ethyl Acetate
Concen: 46.16 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 128482
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 9.1 7.5 11.3

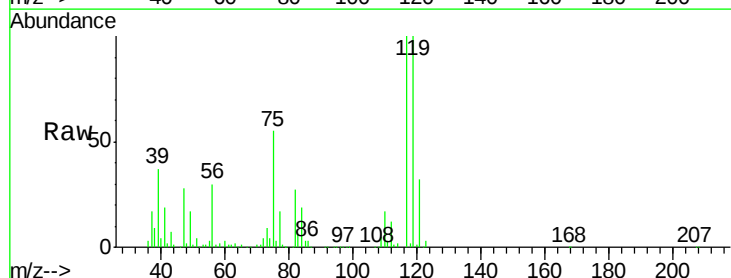


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

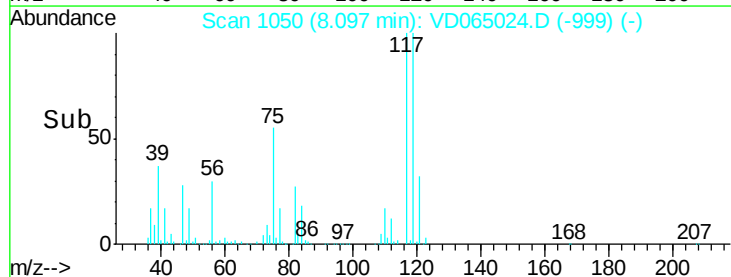
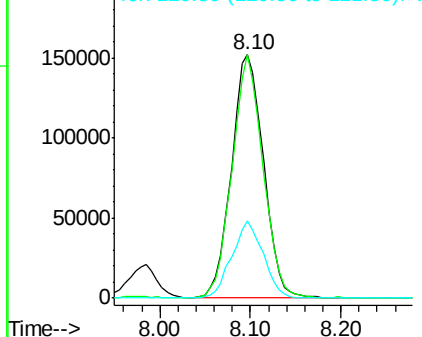


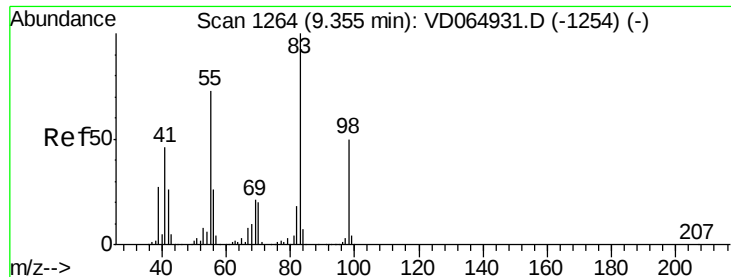
#38
Carbon Tetrachloride
Concen: 52.34 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 117 Resp: 372780
Ion Ratio Lower Upper
117 100
119 99.8 73.2 109.8
121 32.0 24.4 36.6



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

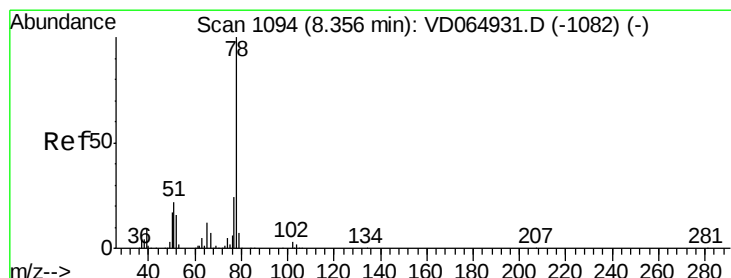
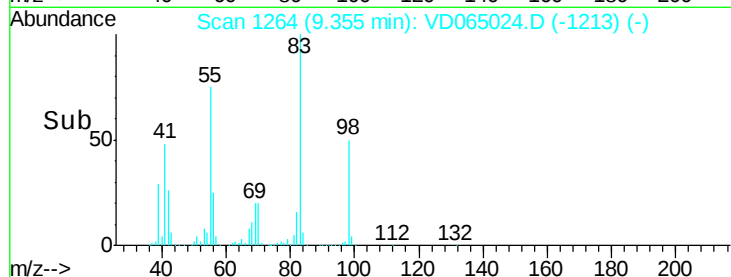
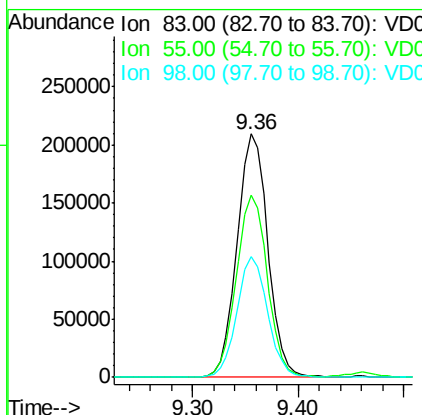
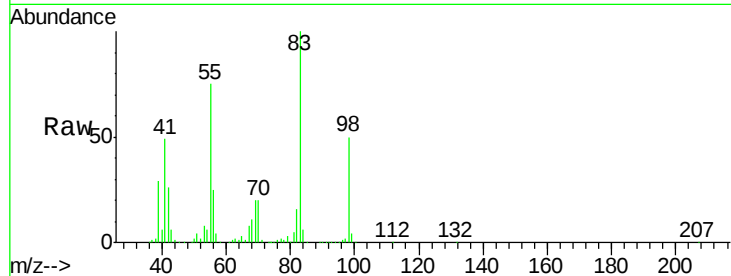




#39
Methylcyclohexane
Concen: 53.96 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

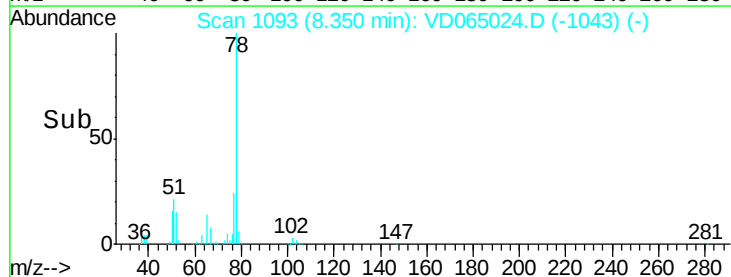
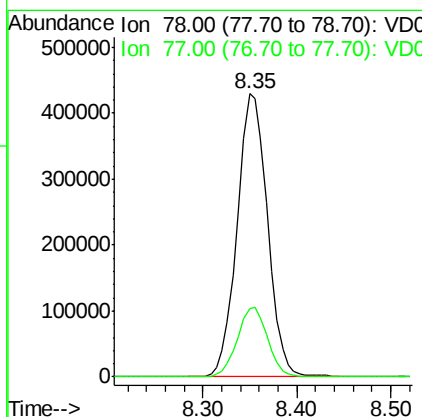
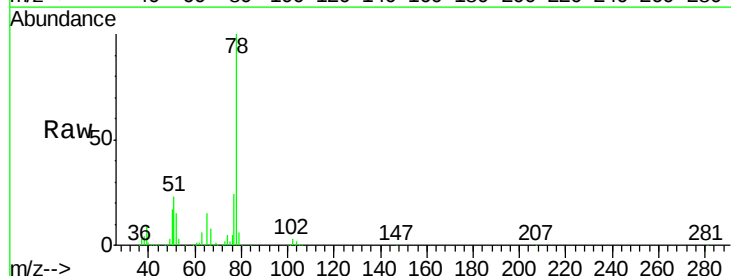
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

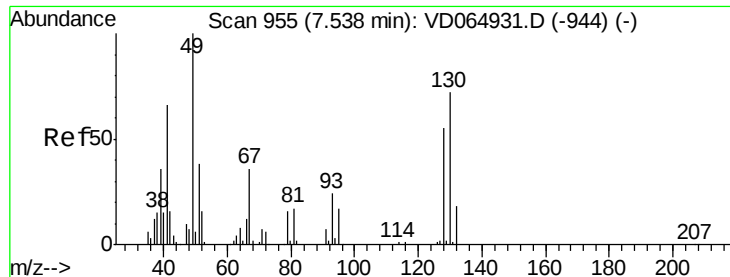
Tgt Ion: 83 Resp: 425111
Ion Ratio Lower Upper
83 100
55 75.0 58.7 88.1
98 49.8 40.2 60.2



#40
Benzene
Concen: 51.93 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 78 Resp: 963793
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 36.93 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 55375

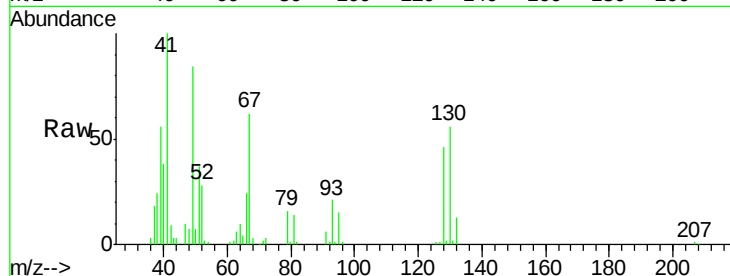
Ion Ratio Lower Upper

41 100

39 87.5 49.3 73.9#

67 94.9 51.0 76.6#

52 43.4 22.3 33.5#

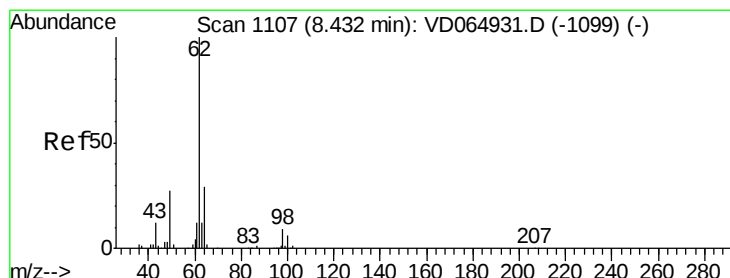
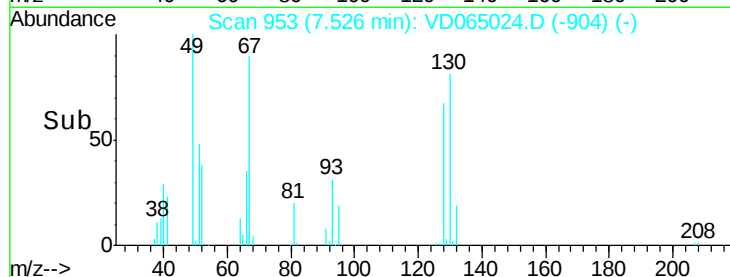
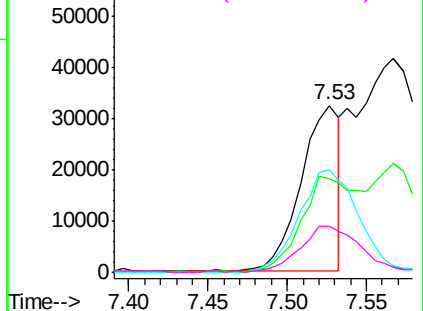


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 49.53 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065024.D

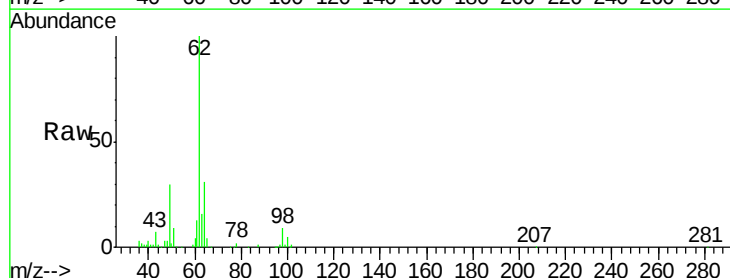
Acq: 31 Jan 2020 10:17

Tgt Ion: 62 Resp: 273831

Ion Ratio Lower Upper

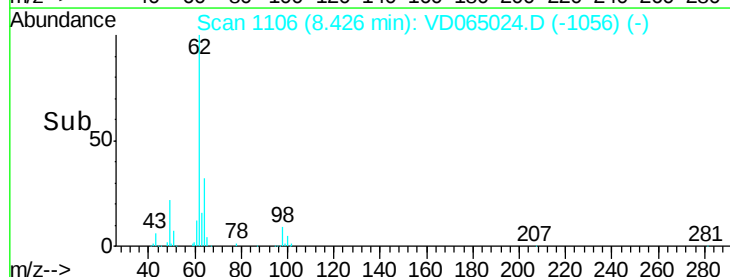
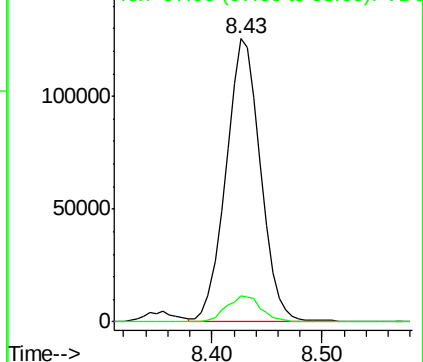
62 100

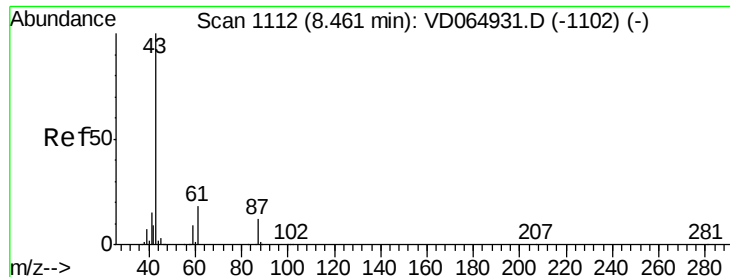
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 47.03 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

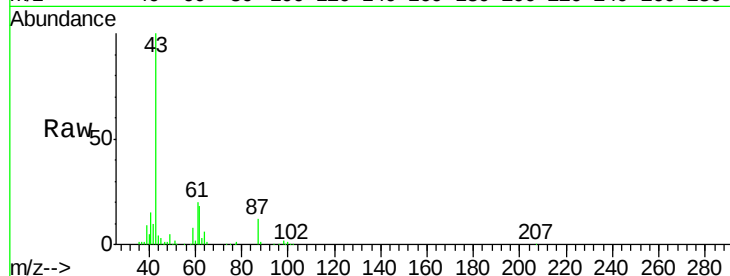
Tgt Ion: 43 Resp: 248657

Ion Ratio Lower Upper

43 100

61 30.0 23.8 35.6

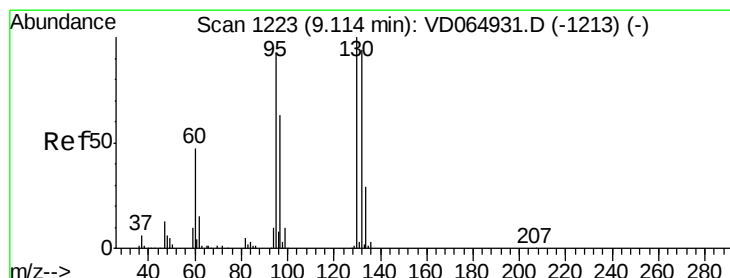
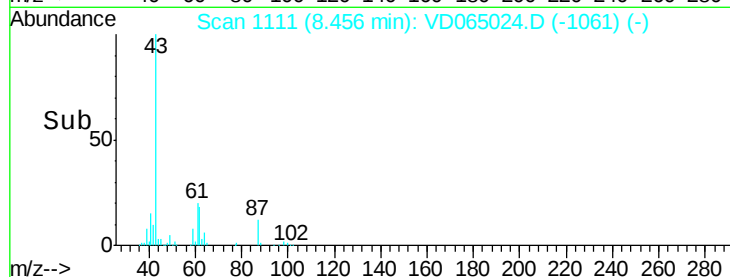
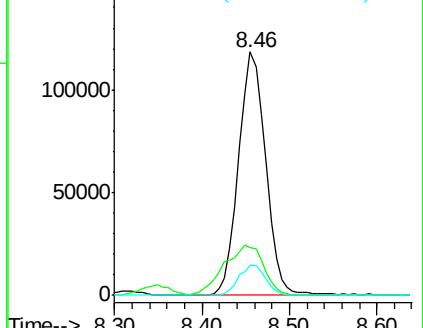
87 12.4 10.3 15.5



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: 51.99 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065024.D

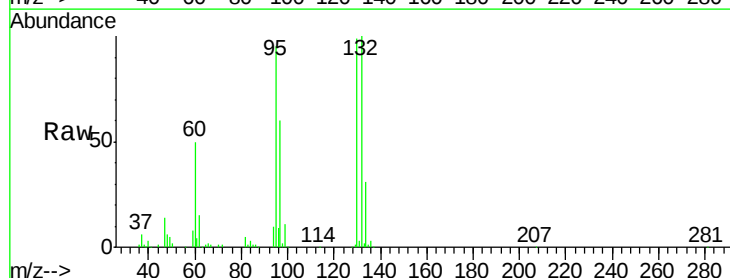
Acq: 31 Jan 2020 10:17

Tgt Ion: 130 Resp: 270058

Ion Ratio Lower Upper

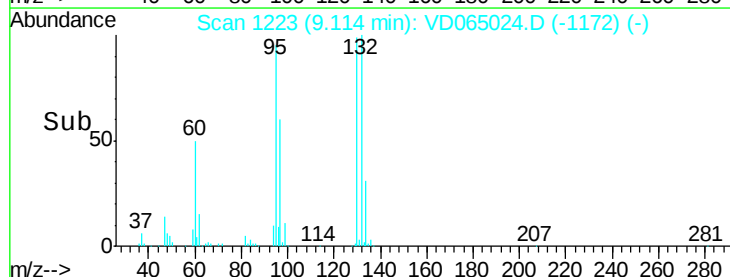
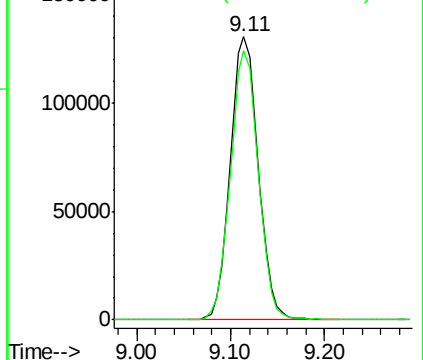
130 100

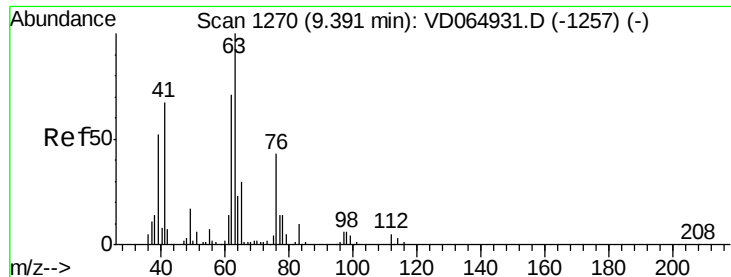
95 95.3 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.02 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

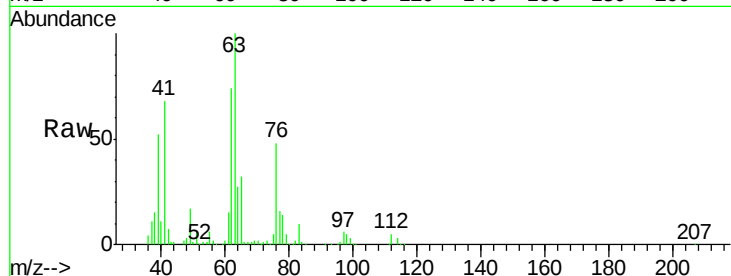
VSTDCCC050

Tgt Ion: 63 Resp: 229548

Ion Ratio Lower Upper

63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

120000

100000

80000

60000

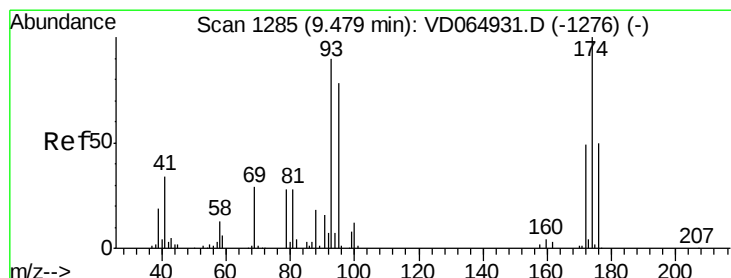
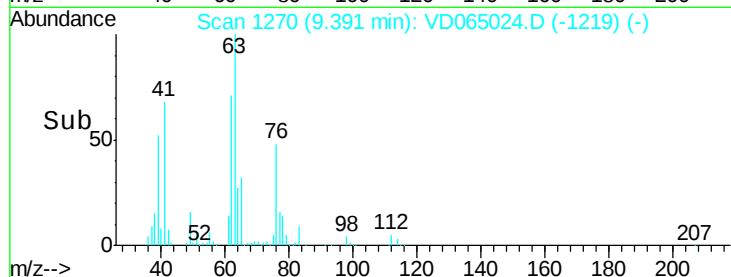
40000

20000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 49.06 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

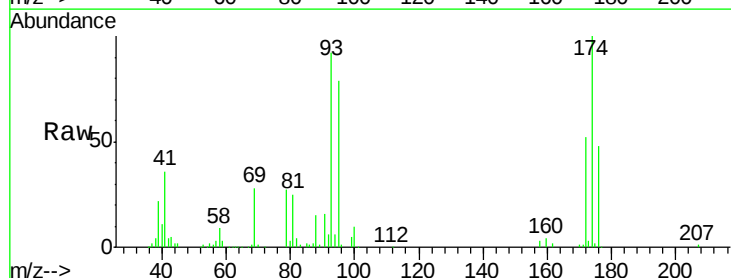
Tgt Ion: 93 Resp: 120524

Ion Ratio Lower Upper

93 100

95 83.6 67.5 101.3

174 107.6 88.4 132.6



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

9.48

80000

60000

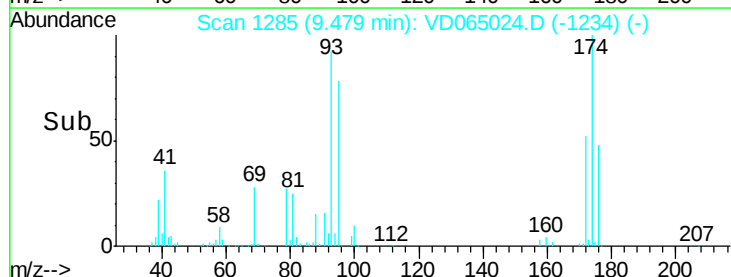
40000

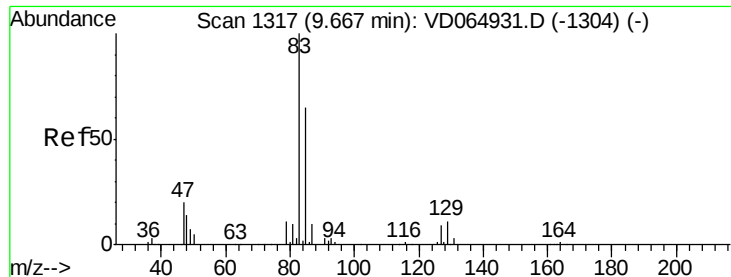
20000

0

Time-->

9.40 9.50 9.60





#47

Bromodichloromethane

Concen: 51.93 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

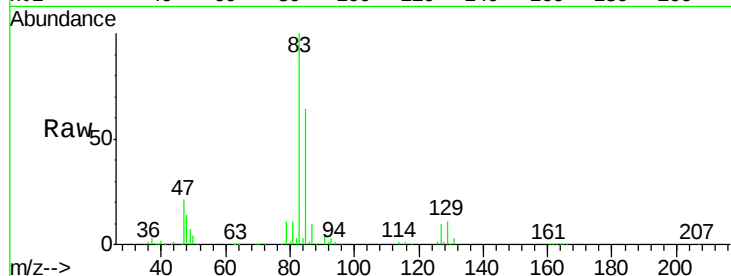
Tgt Ion: 83 Resp: 331946

Ion Ratio Lower Upper

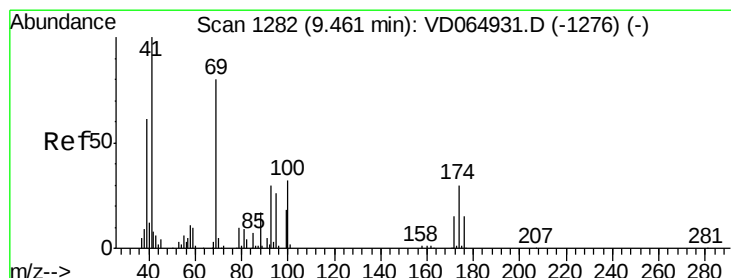
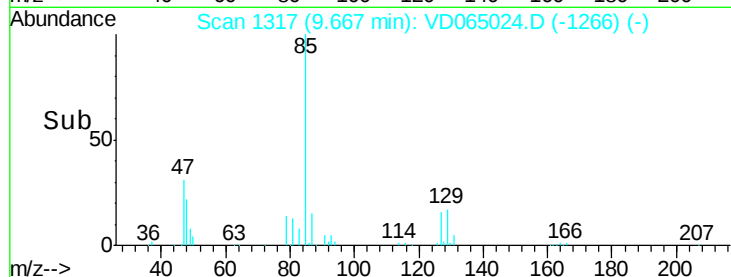
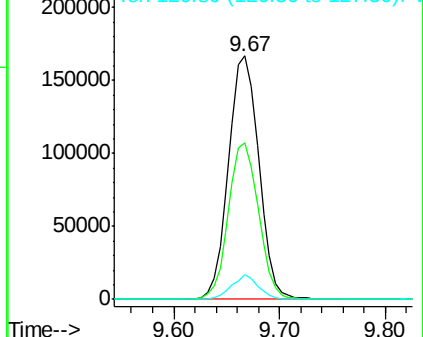
83 100

85 64.5 52.0 78.0

127 10.0 7.3 10.9



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: 49.25 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

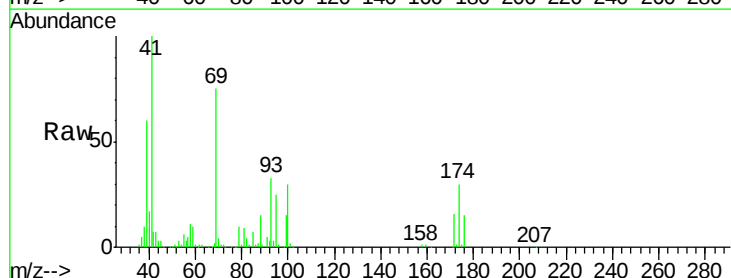
Tgt Ion: 41 Resp: 119841

Ion Ratio Lower Upper

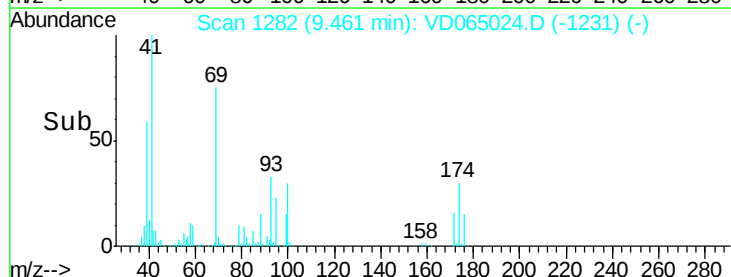
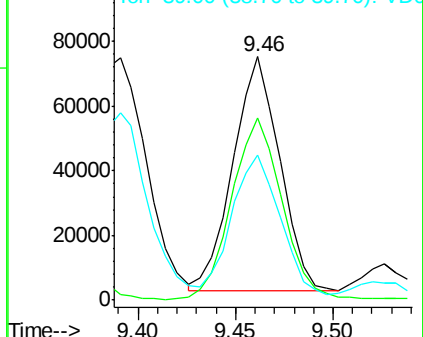
41 100

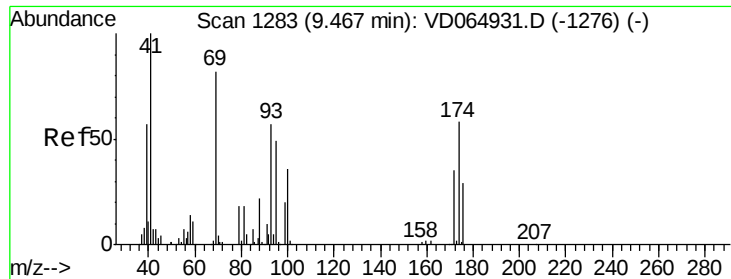
69 84.4 65.8 98.8

39 60.7 49.4 74.0



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: 949.81 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

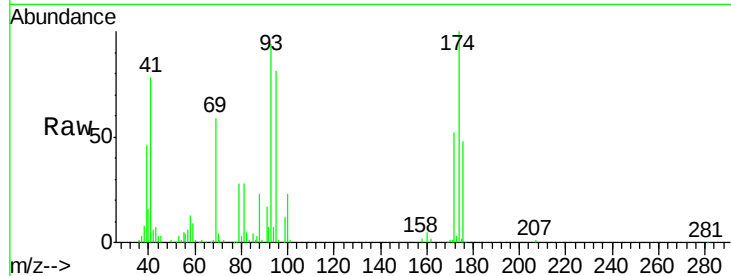
Tgt Ion: 88 Resp: 27060

Ion Ratio Lower Upper

88 100

43 38.8 26.2 39.4

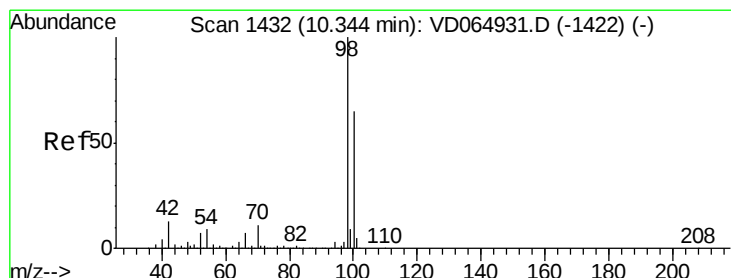
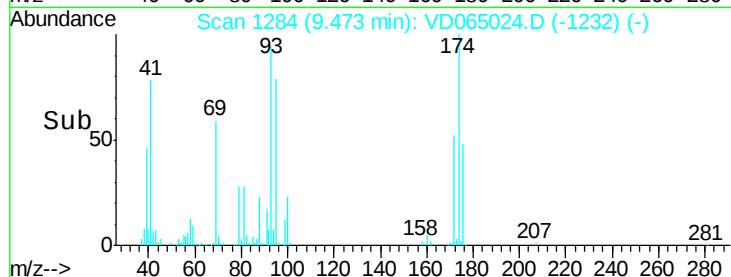
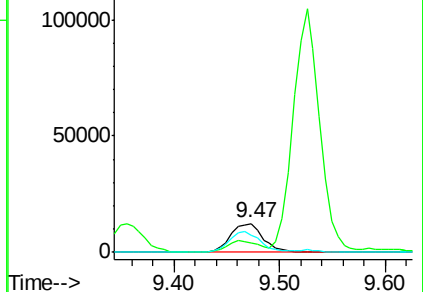
58 67.0 50.3 75.5



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: 53.44 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065024.D

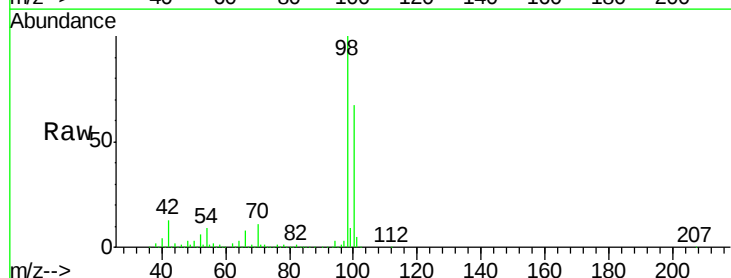
Acq: 31 Jan 2020 10:17

Tgt Ion: 98 Resp: 905762

Ion Ratio Lower Upper

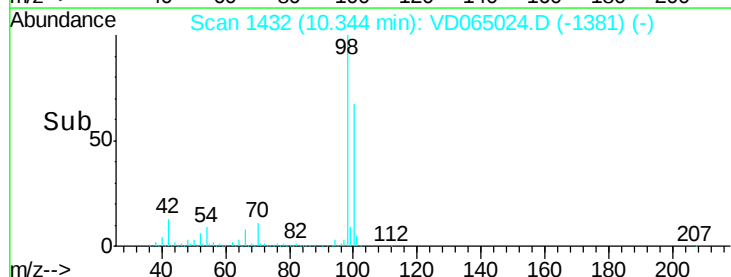
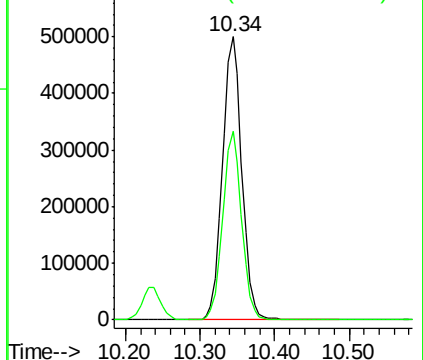
98 100

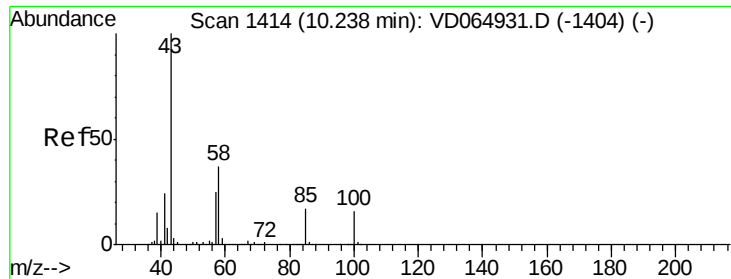
100 65.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

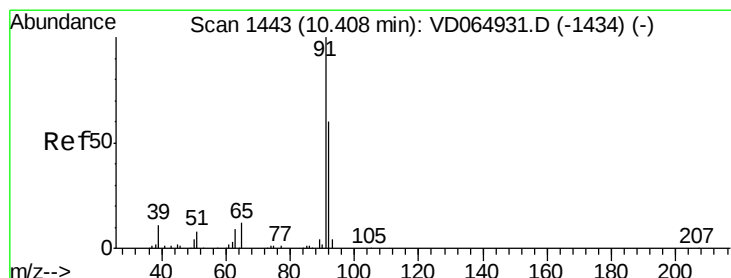
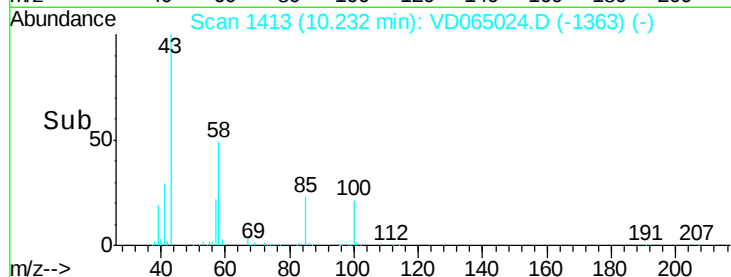
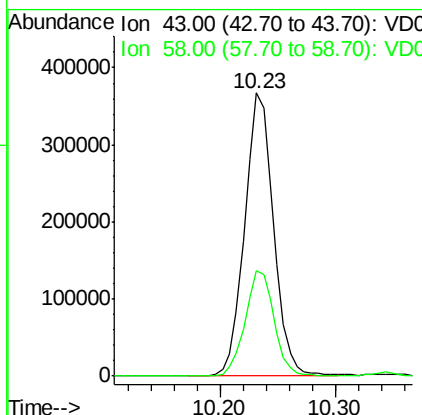
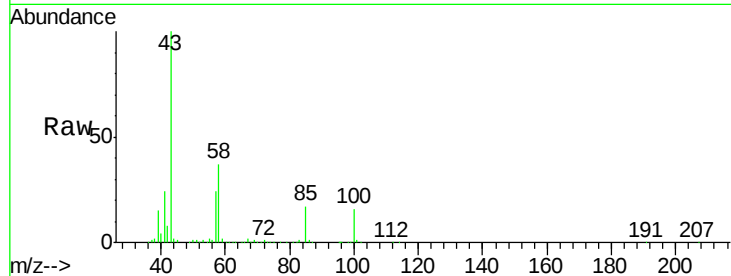




#51
 4-Methyl-2-Pentanone
 Concen: 241.67 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

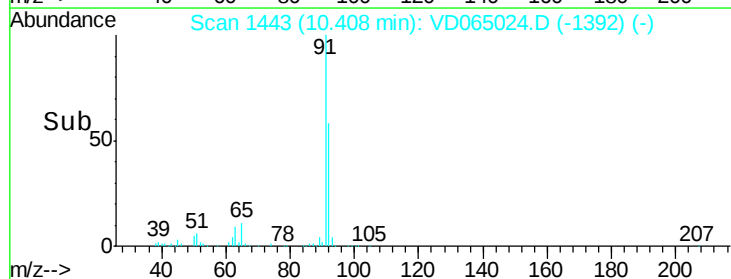
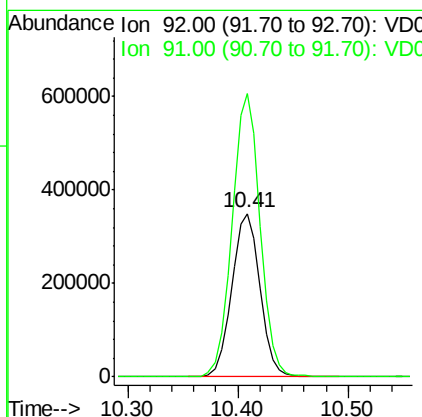
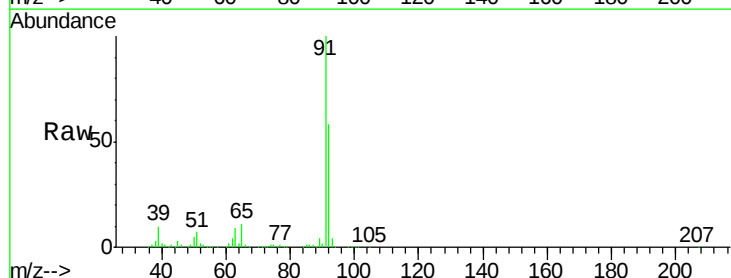
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

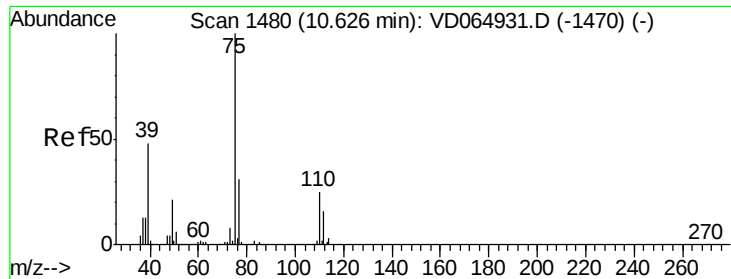
Tgt Ion: 43 Resp: 639387
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.4 45.6



#52
 Toluene
 Concen: 52.42 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion: 92 Resp: 627219
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 49.89 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

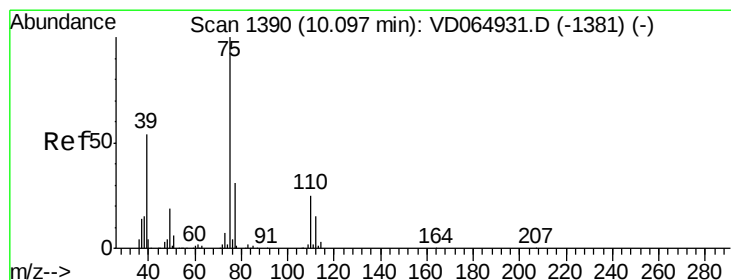
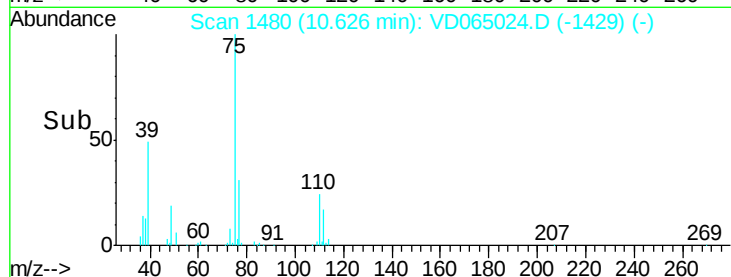
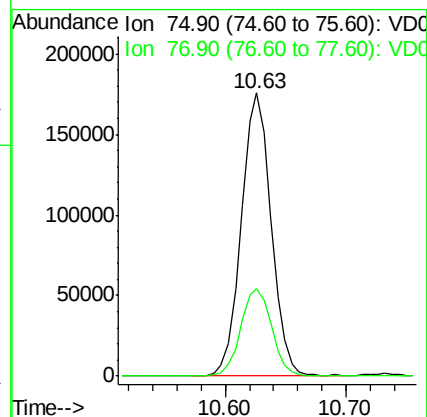
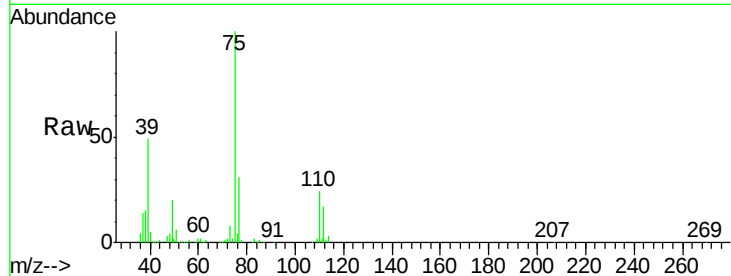
VSTDCCC050

Tgt Ion: 75 Resp: 303746

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.03 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

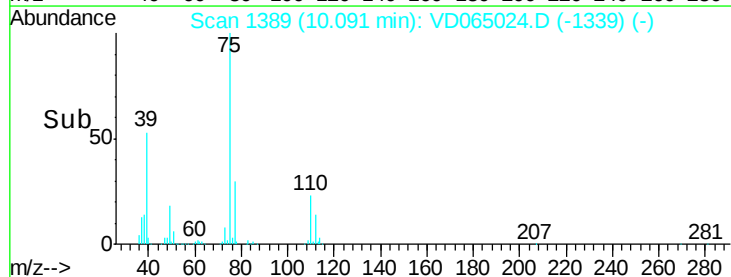
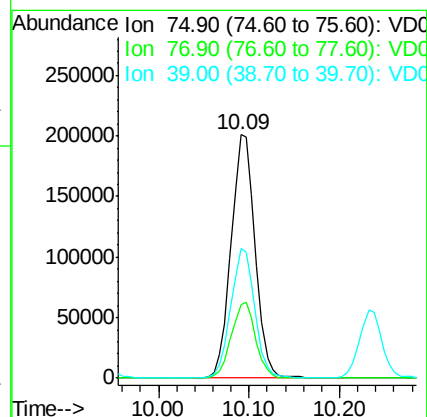
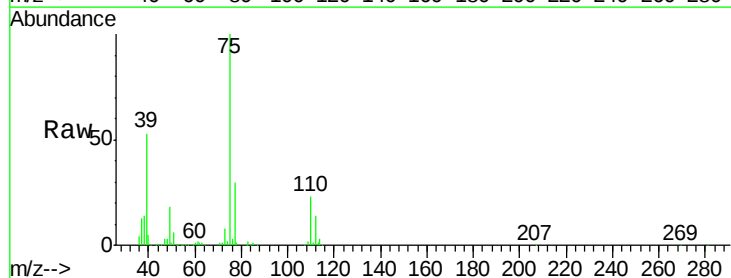
Tgt Ion: 75 Resp: 370946

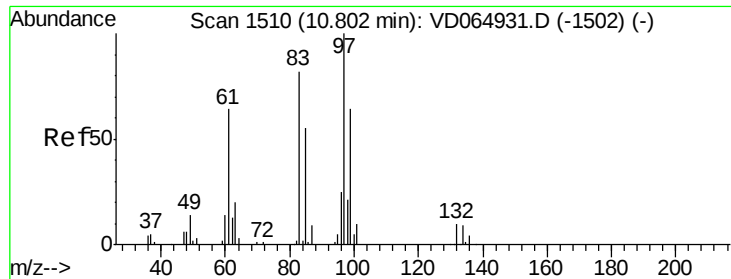
Ion Ratio Lower Upper

75 100

77 30.4 25.1 37.7

39 53.0 43.0 64.6

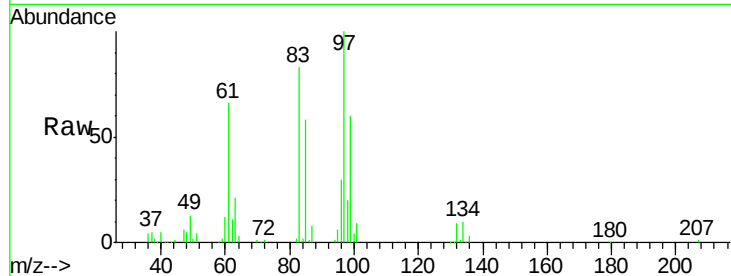




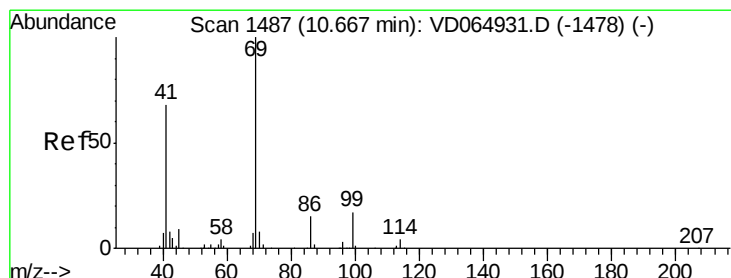
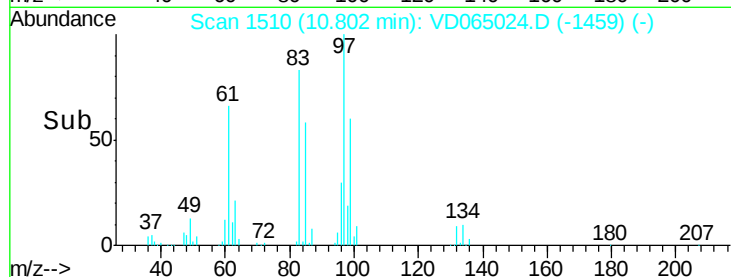
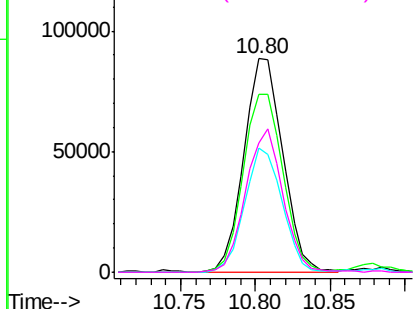
#55
 1,1,2-Trichloroethane
 Concen: 48.56 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	160683
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.0	99.0
85	58.3	44.4	66.6
99	60.4	51.4	77.0

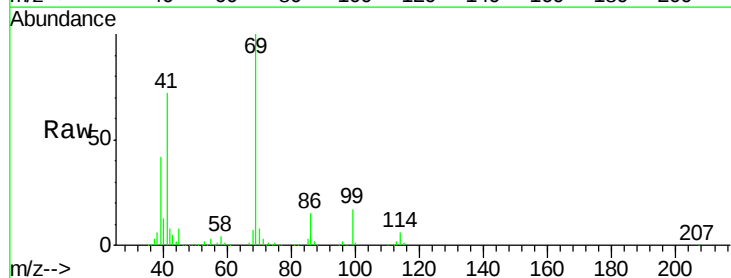


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

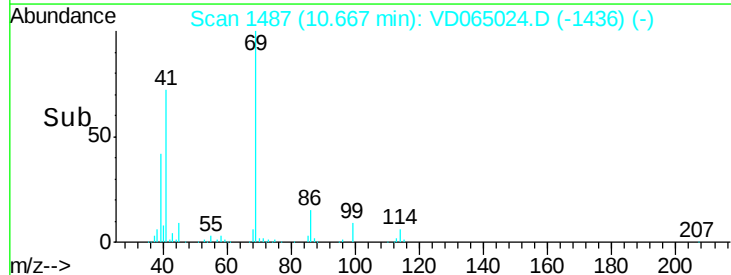
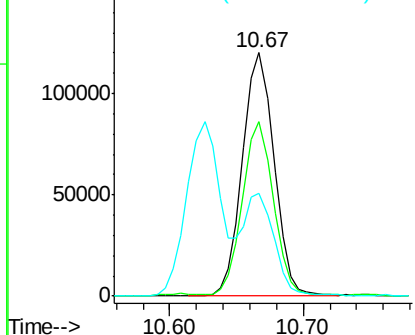


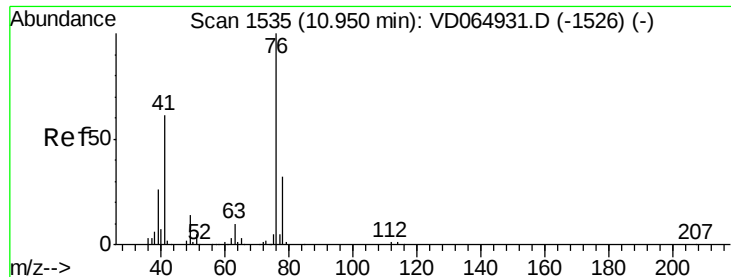
#56
 Ethyl methacrylate
 Concen: 50.06 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion:	69	Resp:	198095
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.4	84.6
39	39.2	30.6	46.0



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

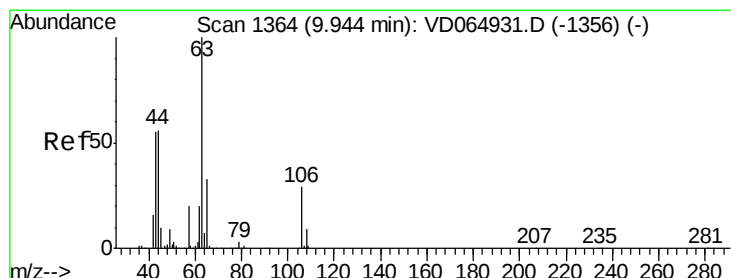
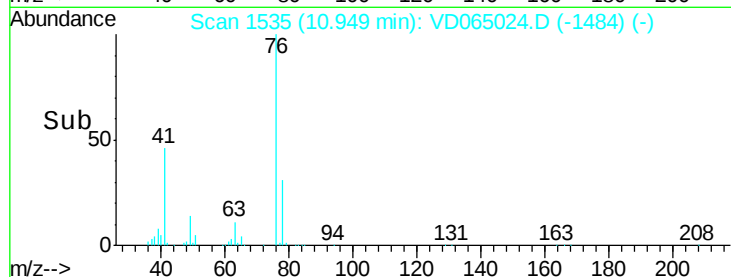
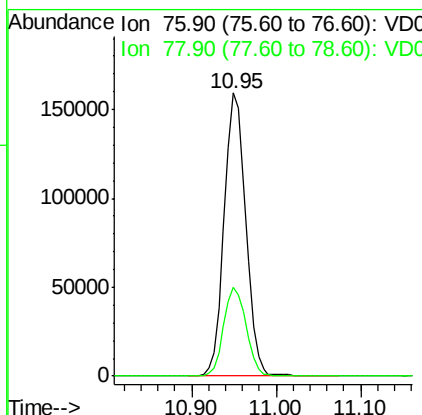
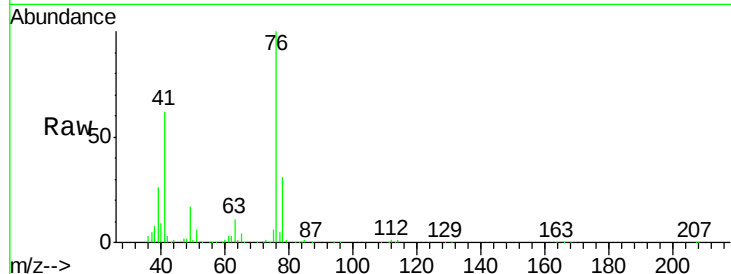




#57
 1,3-Dichloropropane
 Concen: 49.80 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

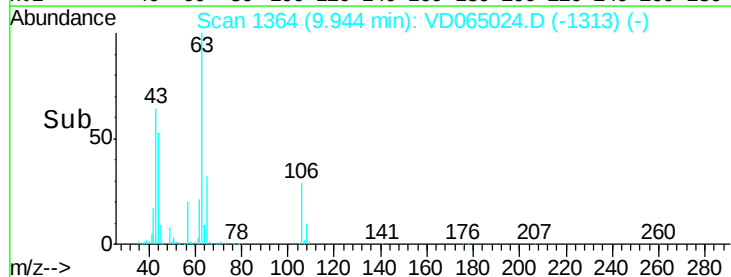
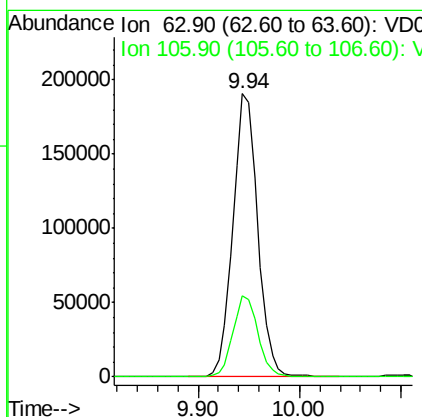
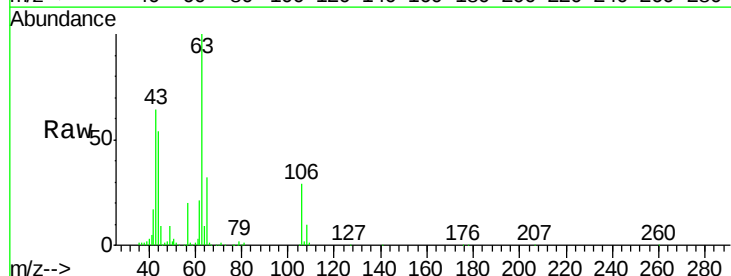
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

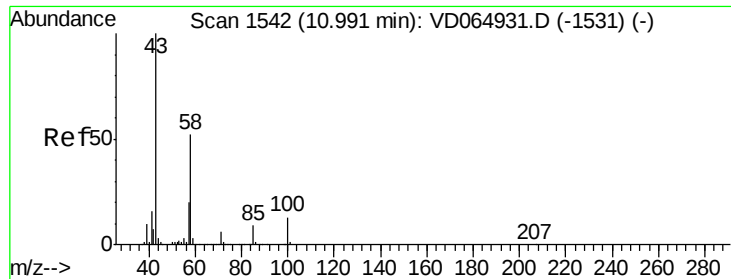
Tgt Ion: 76 Resp: 282606
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.14 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion: 63 Resp: 324877
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.0 34.4

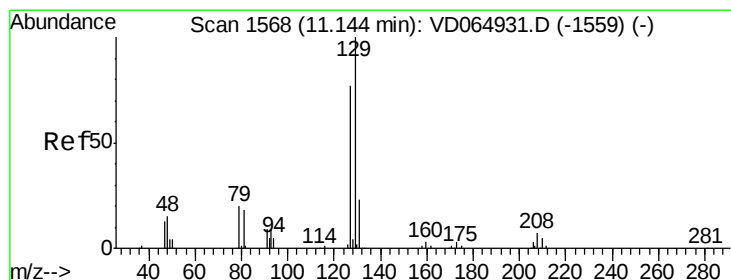
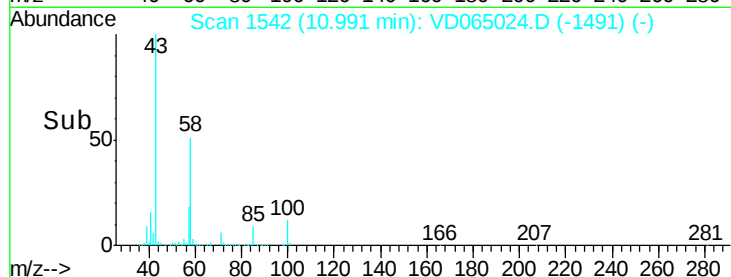
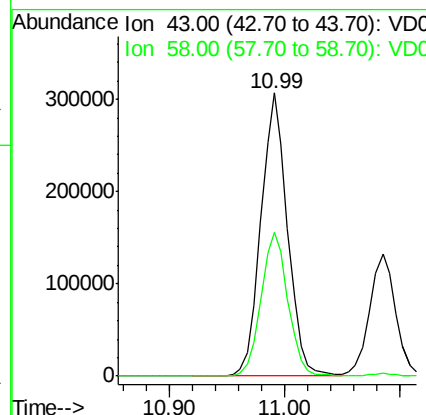
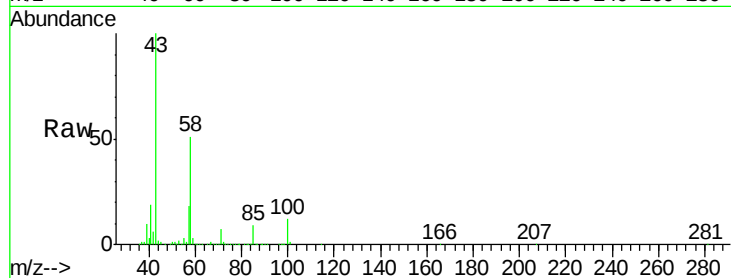




#59
2-Hexanone
Concen: 270.72 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

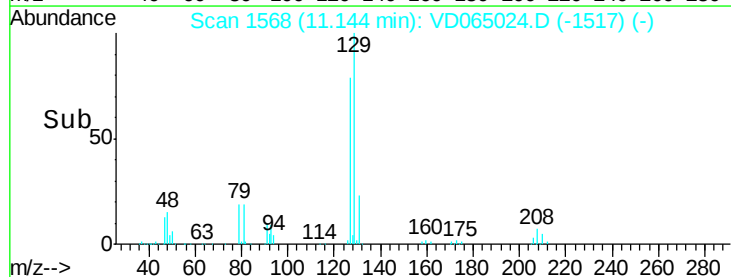
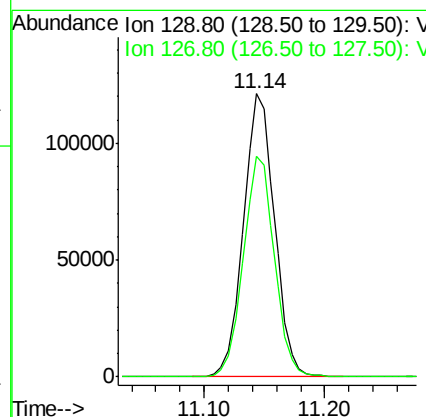
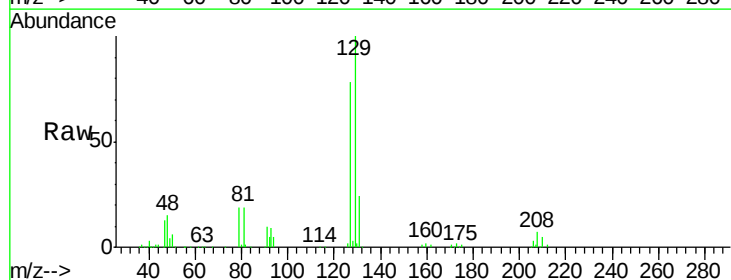
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

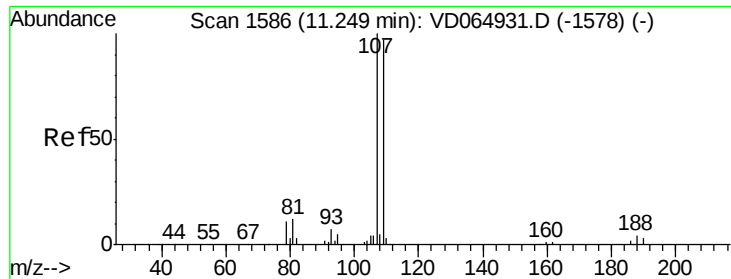
Tgt Ion: 43 Resp: 494050
Ion Ratio Lower Upper
43 100
58 51.4 26.5 79.4



#60
Dibromochloromethane
Concen: 49.36 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 129 Resp: 218294
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6

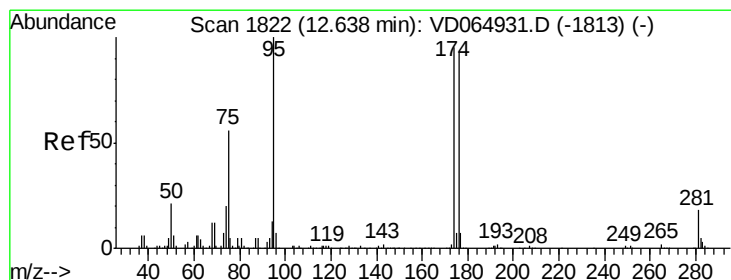
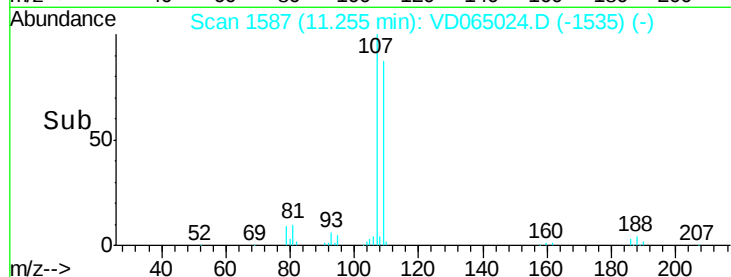
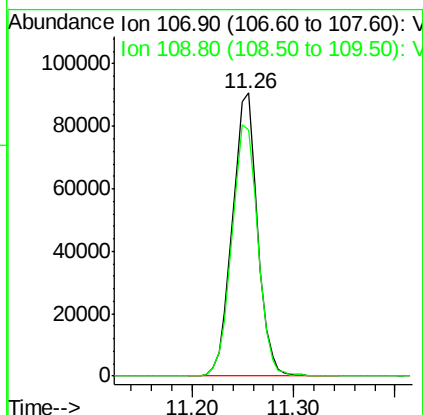
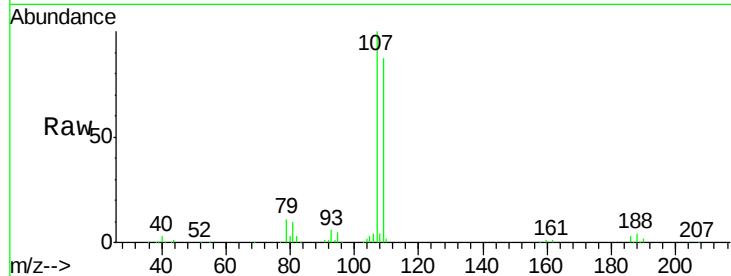




#61
 1,2-Dibromoethane
 Concen: 49.00 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

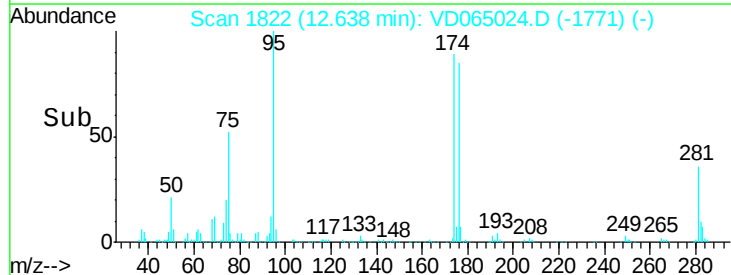
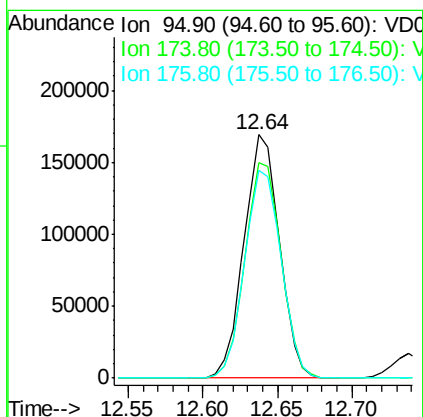
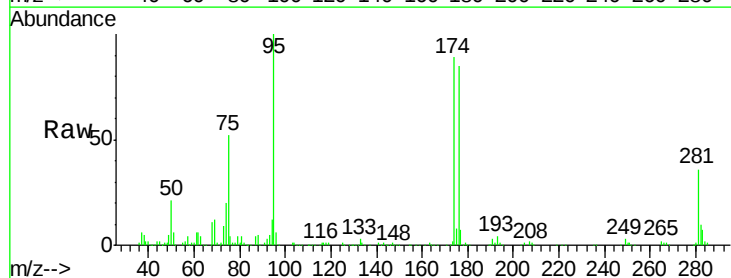
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 156129
 Ion Ratio Lower Upper
 107 100
 109 92.1 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 53.70 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion: 95 Resp: 278555
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 186.8
 176 87.9 0.0 183.4

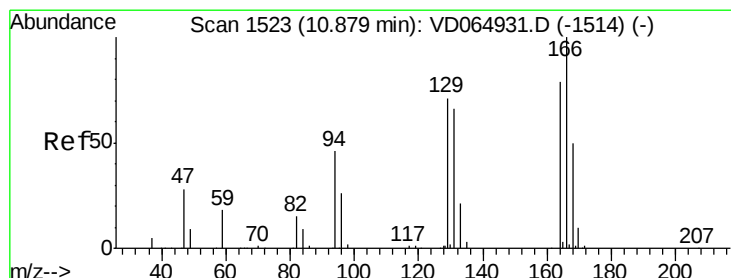
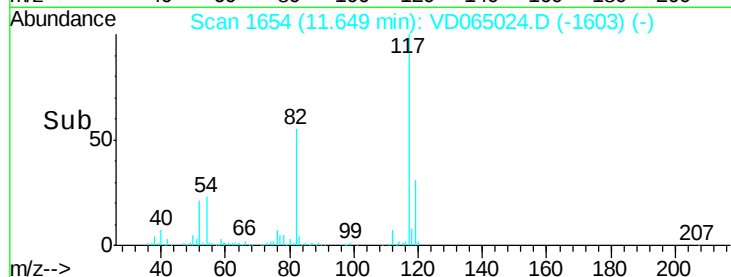
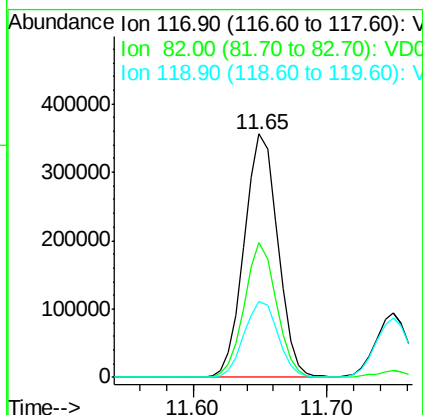
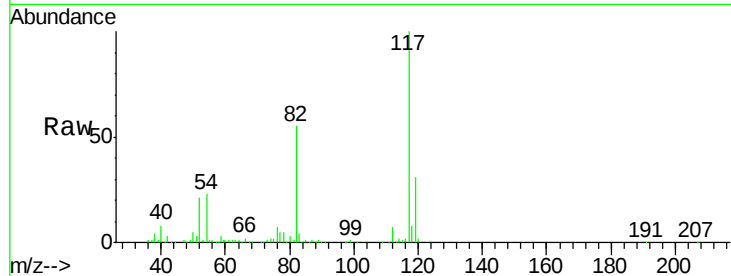




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

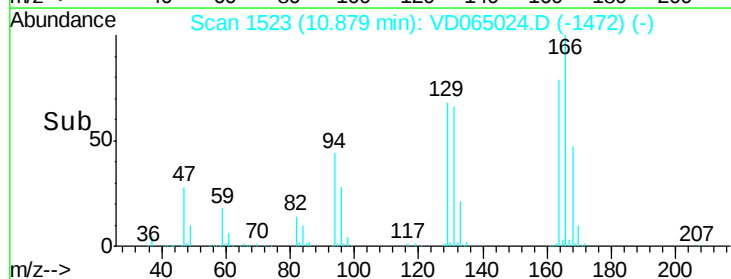
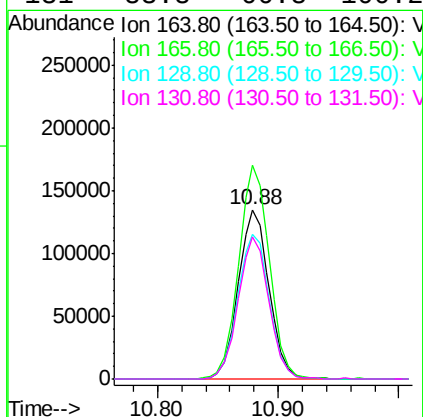
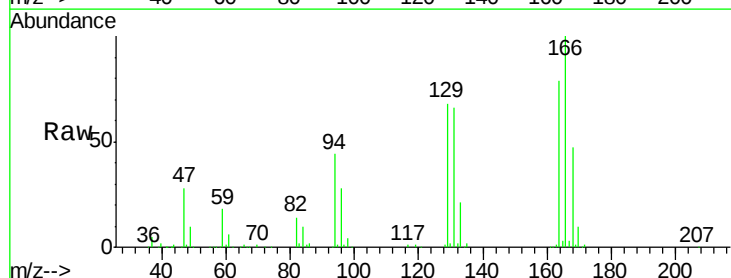
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

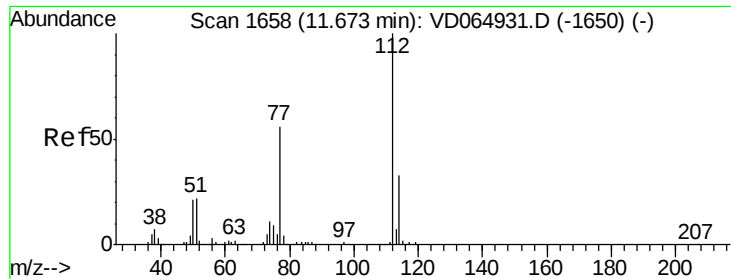
Tgt Ion:117 Resp: 619088
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 31.3 25.2 37.8



#64
Tetrachloroethene
Concen: 53.56 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion:164 Resp: 239593
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.2
129 85.6 71.8 107.8
131 83.8 66.8 100.2

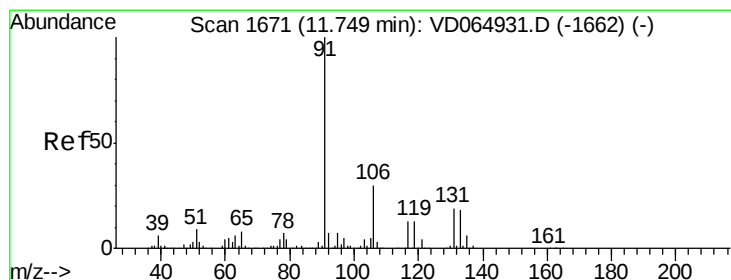
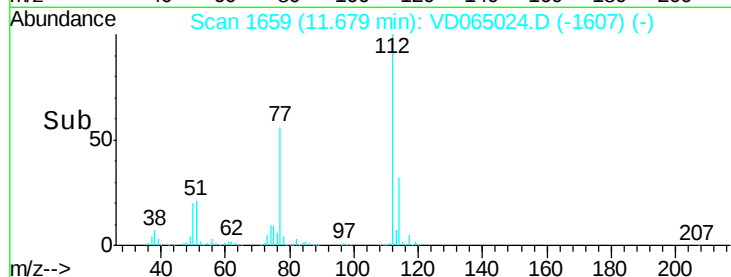
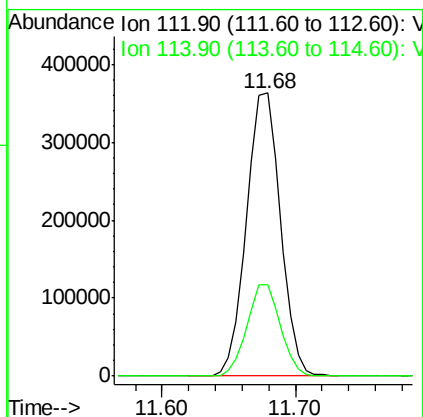
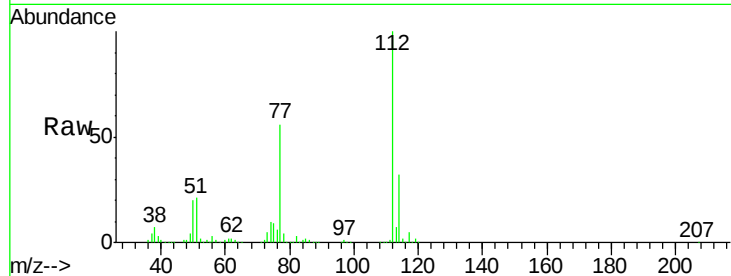




#65
Chlorobenzene
Concen: 50.80 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

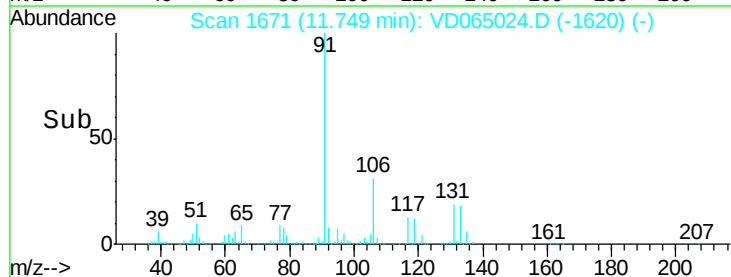
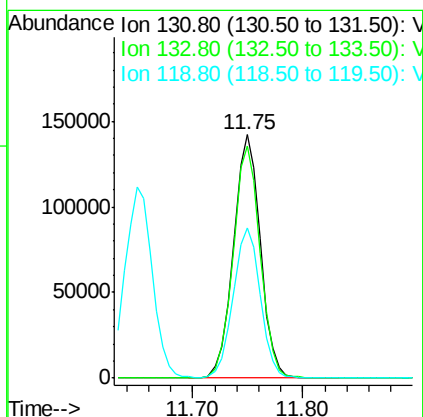
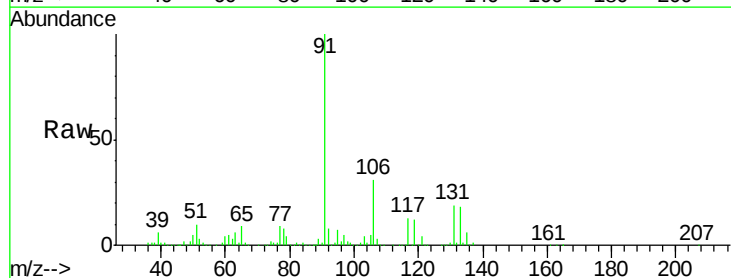
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

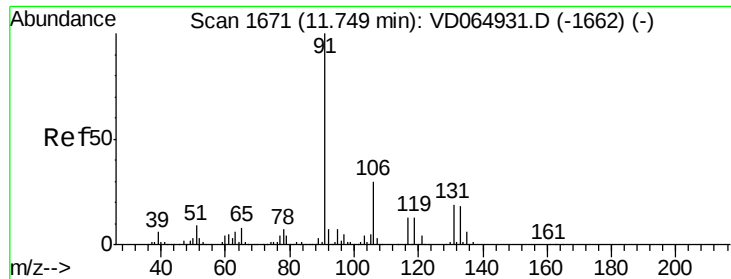
Tgt Ion:112 Resp: 638498
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.42 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion:131 Resp: 243064
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 62.5 31.1 93.5

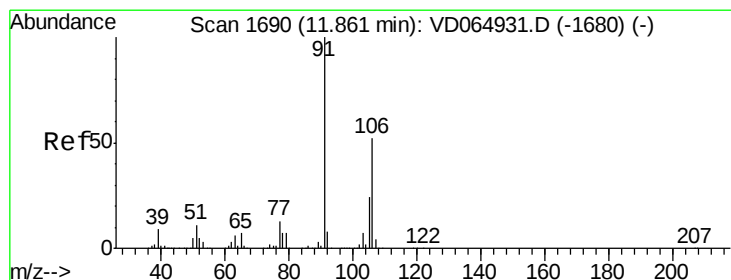
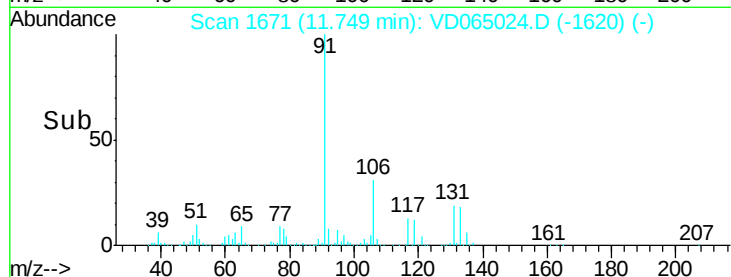
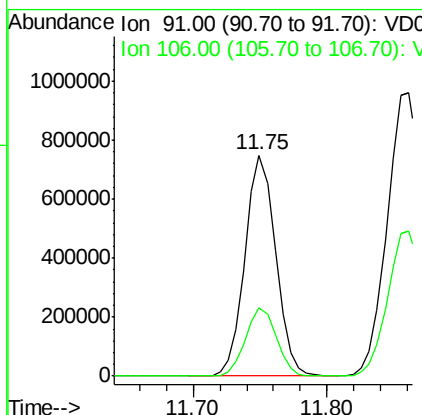
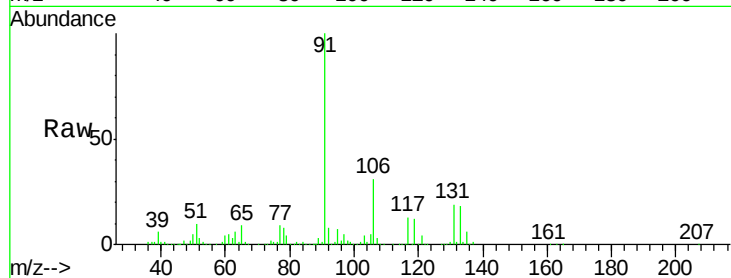




#67
Ethyl Benzene
Concen: 53.41 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

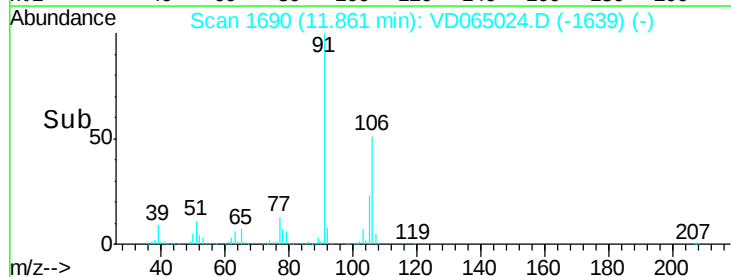
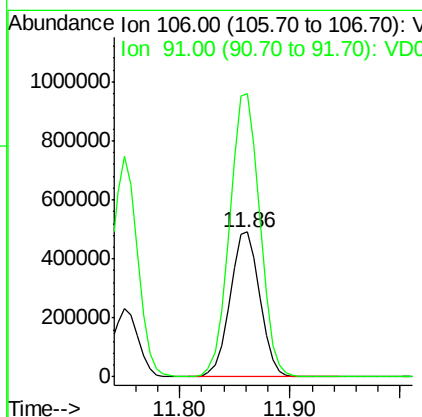
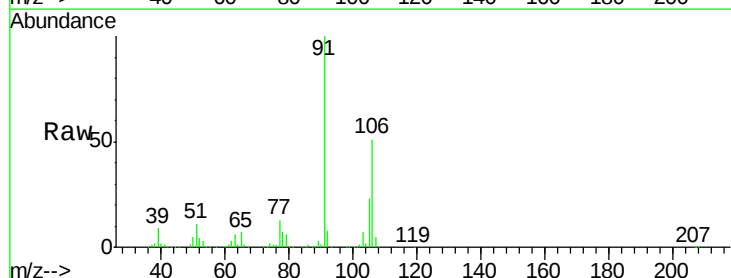
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

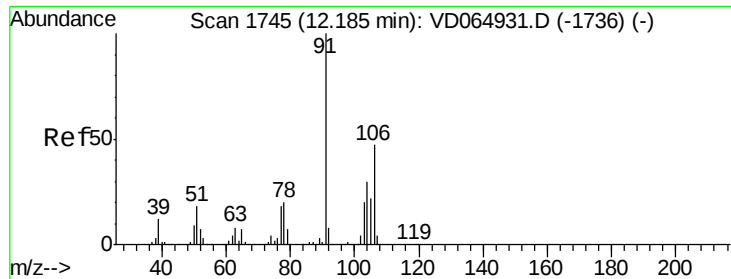
Tgt Ion: 91 Resp: 1191942
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 107.97 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion: 106 Resp: 927640
Ion Ratio Lower Upper
106 100
91 199.2 159.0 238.4

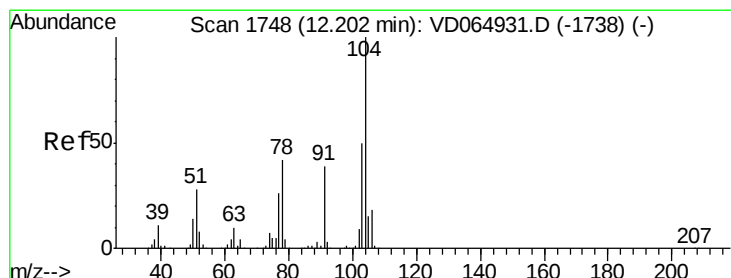
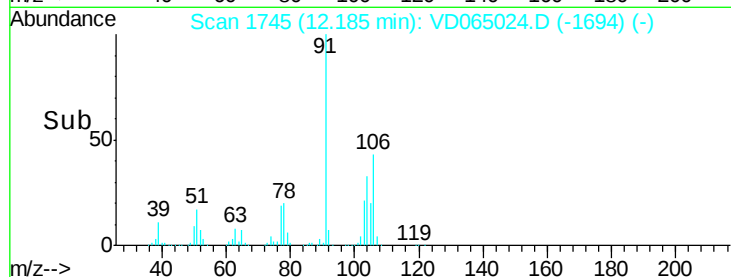
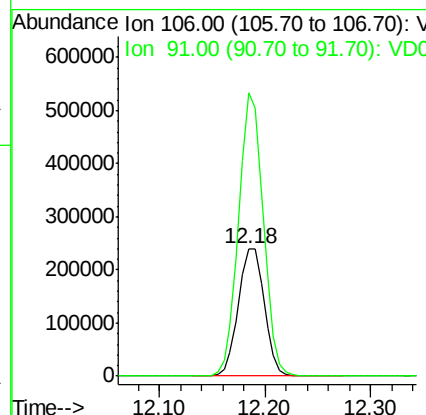
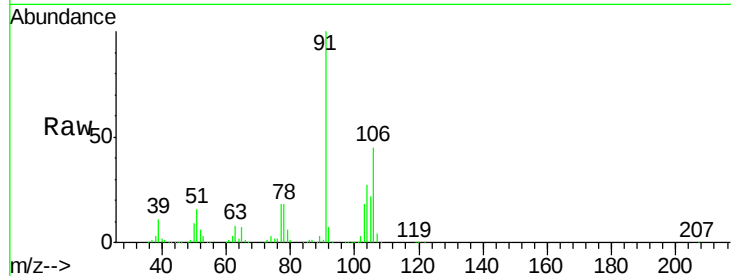




#69
o-Xylene
Concen: 53.69 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

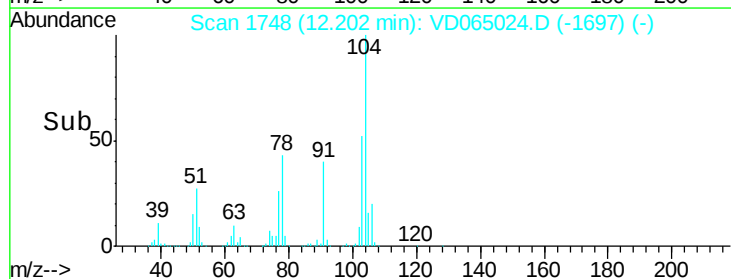
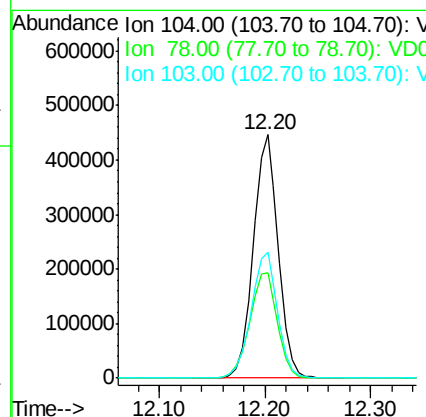
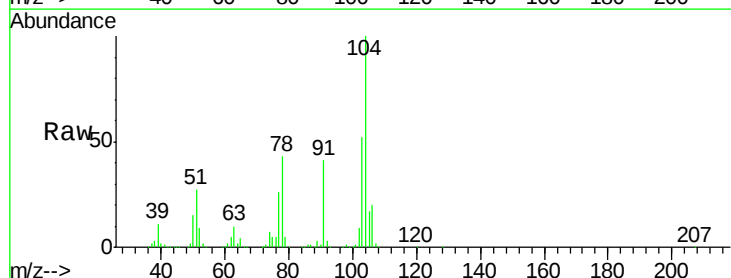
Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

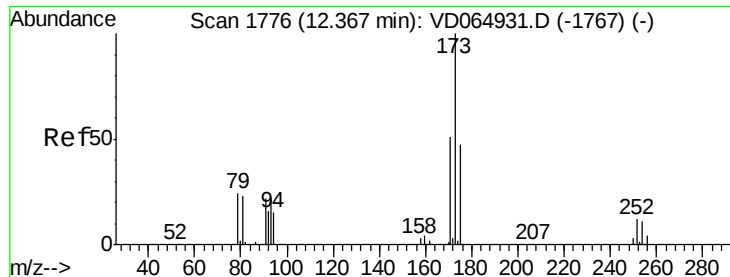
Tgt Ion:106 Resp: 409387
Ion Ratio Lower Upper
106 100
91 210.2 106.7 319.9



#70
Styrene
Concen: 53.78 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion:104 Resp: 730569
Ion Ratio Lower Upper
104 100
78 48.0 38.3 57.5
103 55.1 43.5 65.3

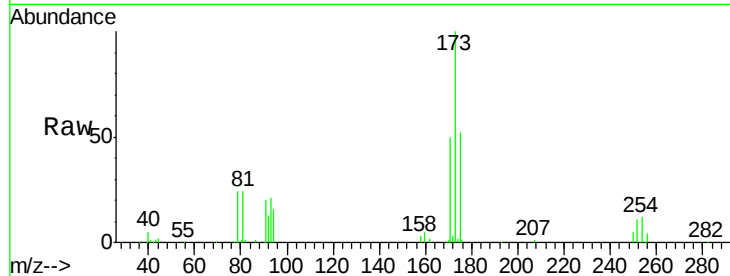




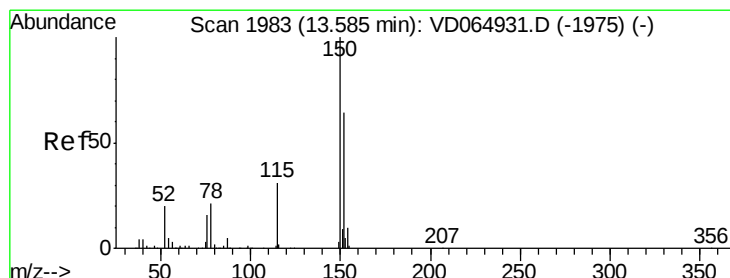
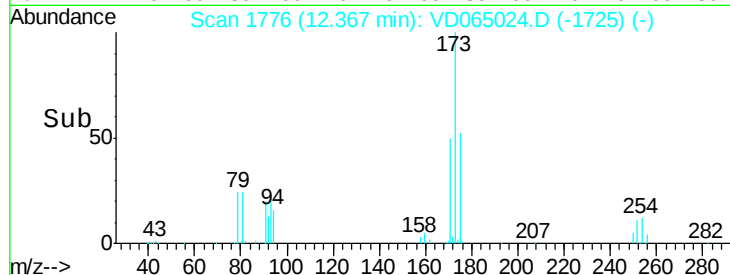
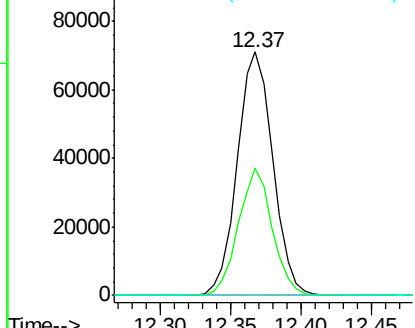
#71
Bromoform
Concen: 47.56 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 124987
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.8
254 0.1 0.1 0.1#

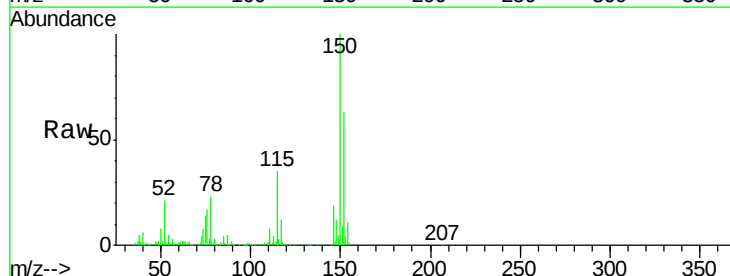


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

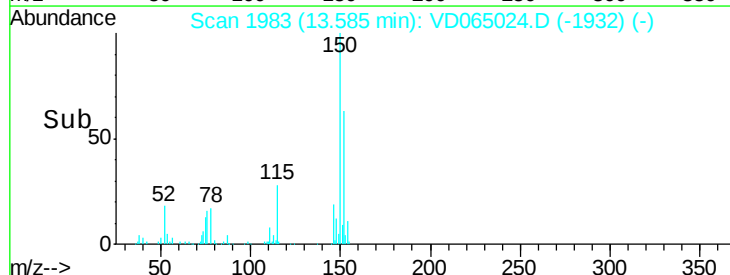
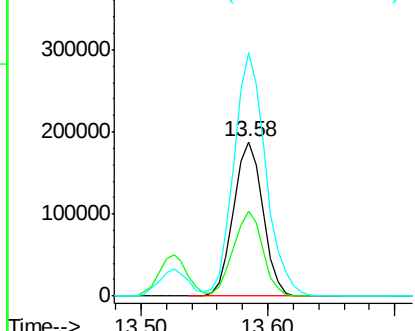


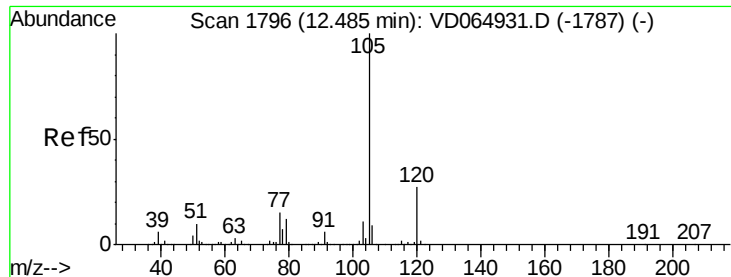
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065024.D
Acq: 31 Jan 2020 10:17

Tgt Ion:152 Resp: 300283
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.4
150 171.0 0.0 350.4



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: 54.95 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

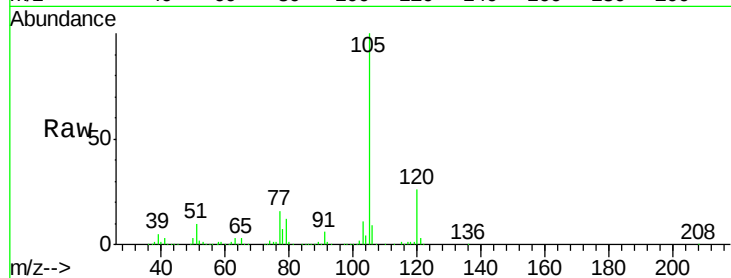
VSTDCCC050

Tgt Ion:105 Resp: 1127897

Ion Ratio Lower Upper

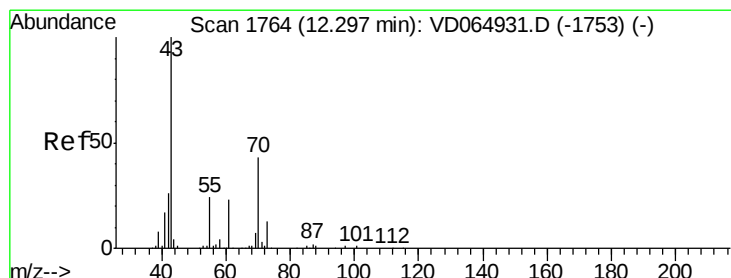
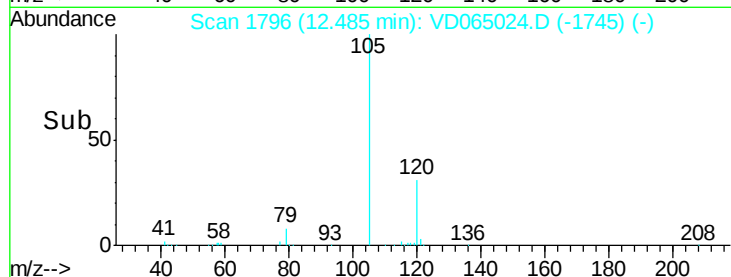
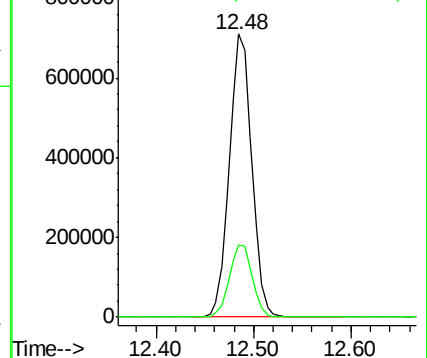
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.58 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Tgt Ion: 43 Resp: 223096

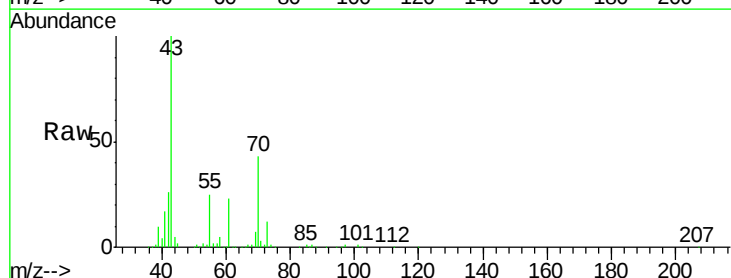
Ion Ratio Lower Upper

43 100

70 42.2 32.6 49.0

55 24.9 19.9 29.9

61 23.2 18.3 27.5

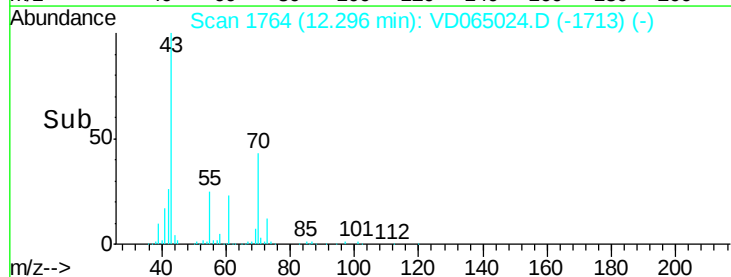
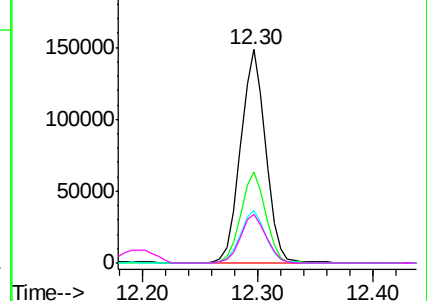


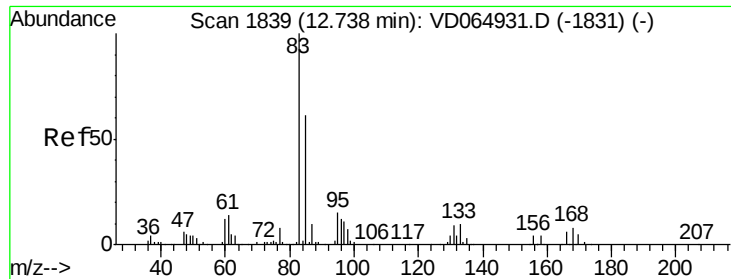
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.78 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

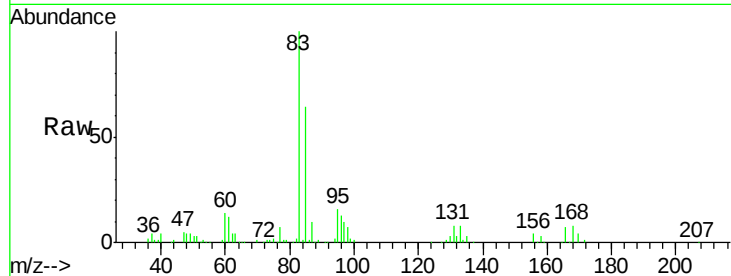
Tgt Ion: 83 Resp: 168267

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

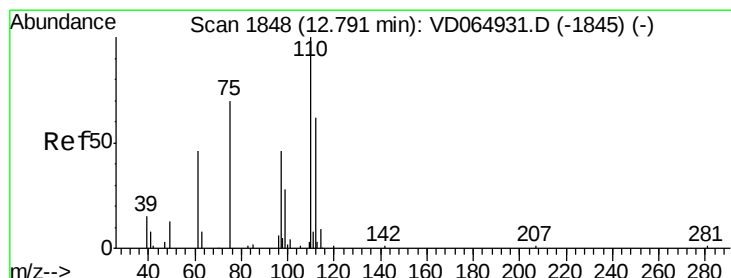
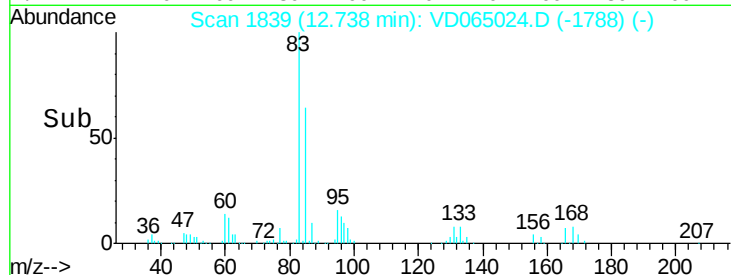
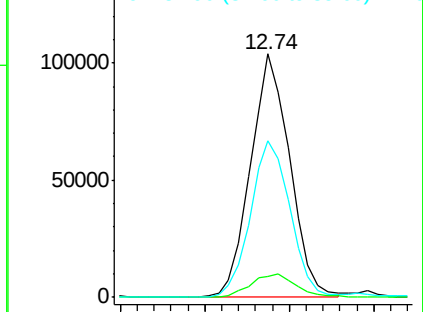
85 64.8 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 90.04 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065024.D

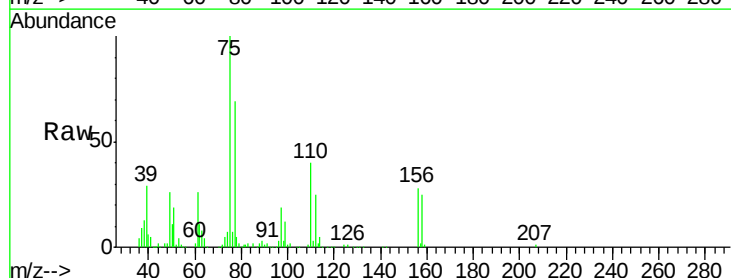
Acq: 31 Jan 2020 10:17

Tgt Ion: 75 Resp: 224414

Ion Ratio Lower Upper

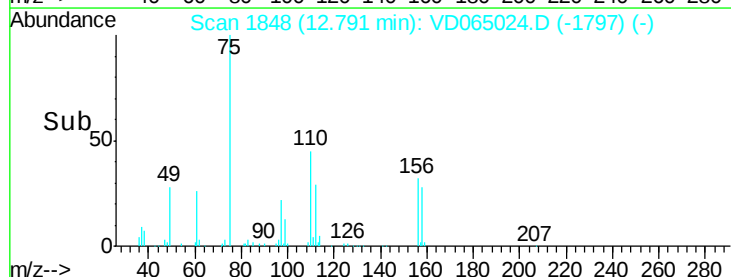
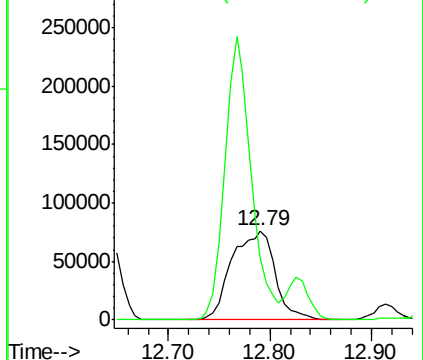
75 100

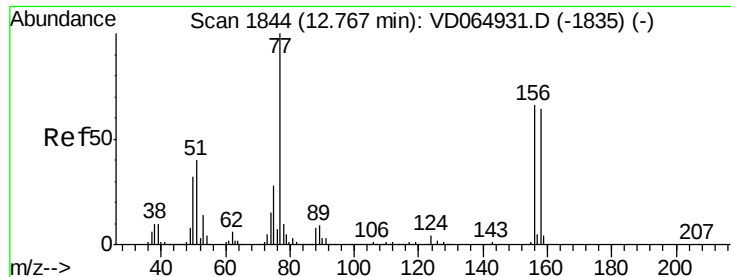
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.49 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

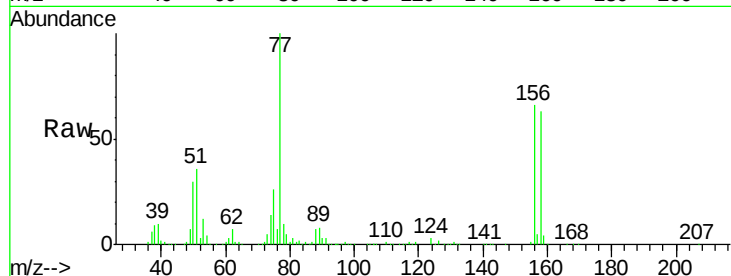
Tgt Ion:156 Resp: 258564

Ion Ratio Lower Upper

156 100

77 169.4 84.2 252.5

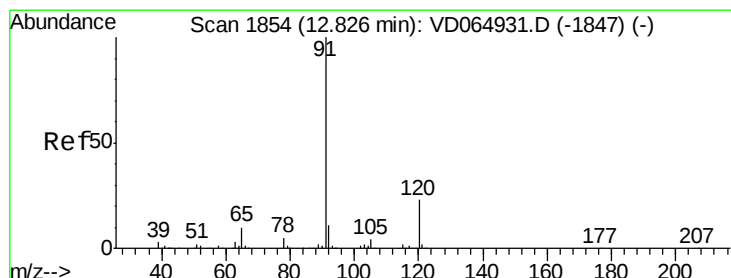
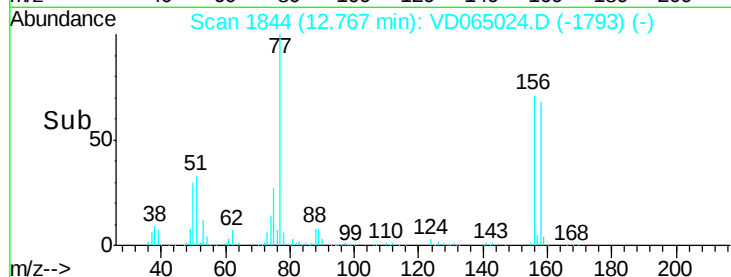
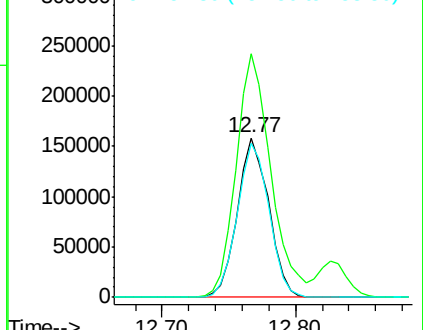
158 97.5 48.1 144.4



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: 55.12 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065024.D

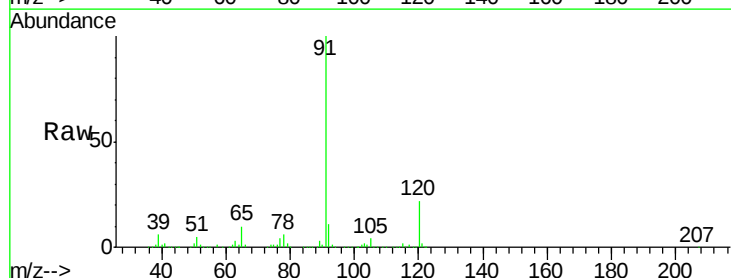
Acq: 31 Jan 2020 10:17

Tgt Ion: 91 Resp: 1345404

Ion Ratio Lower Upper

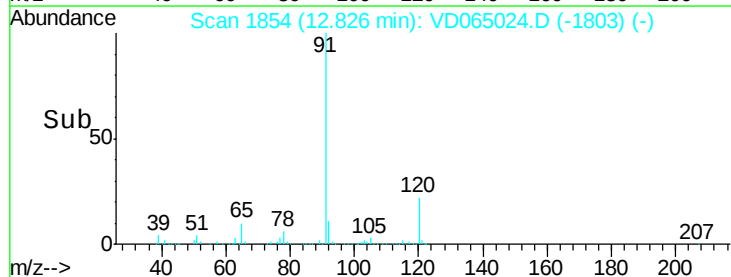
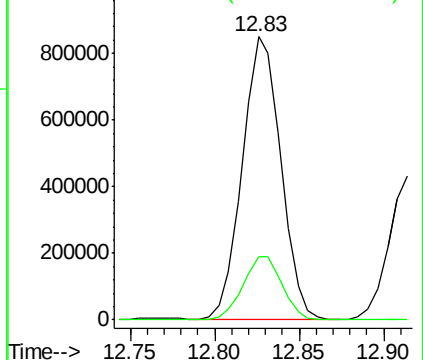
91 100

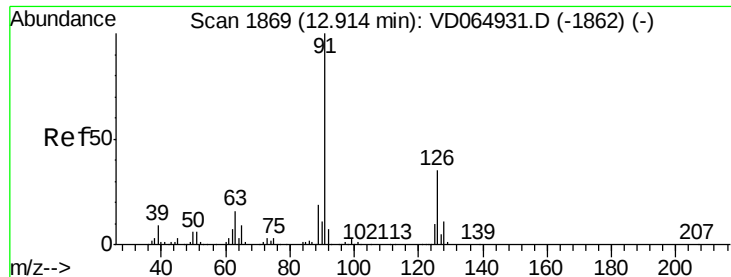
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.70 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

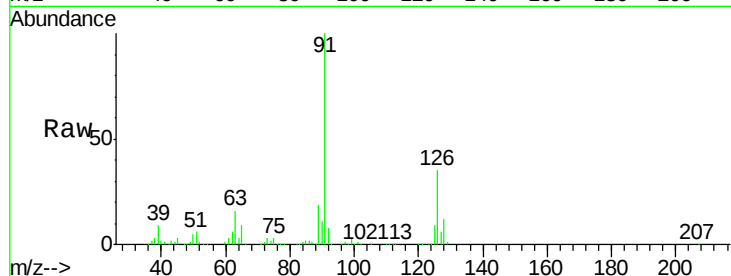
VSTDCCC050

Tgt Ion: 91 Resp: 719049

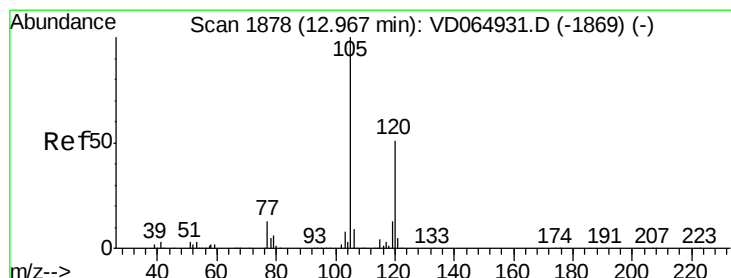
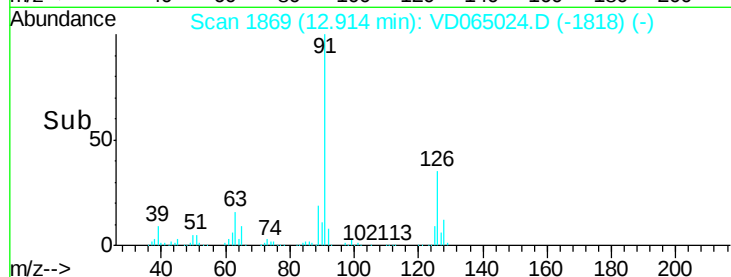
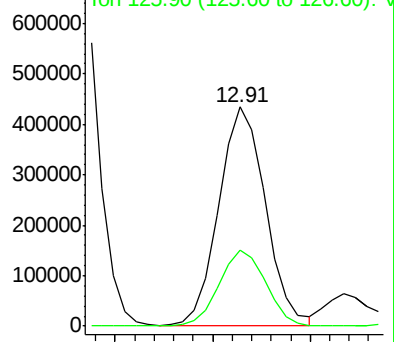
Ion Ratio Lower Upper

91 100

126 34.7 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VD064931.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.71 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065024.D

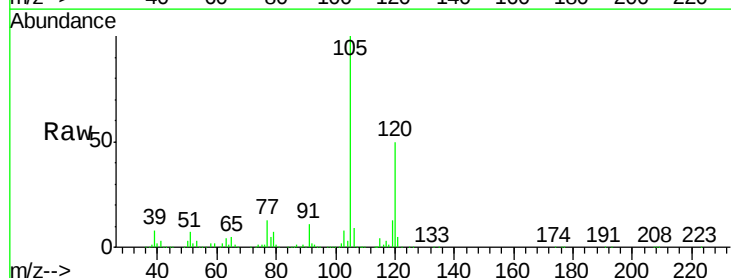
Acq: 31 Jan 2020 10:17

Tgt Ion: 105 Resp: 920189

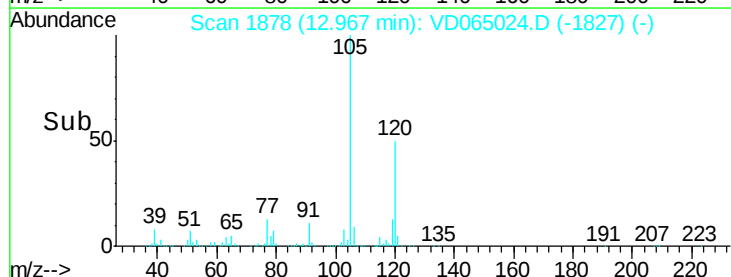
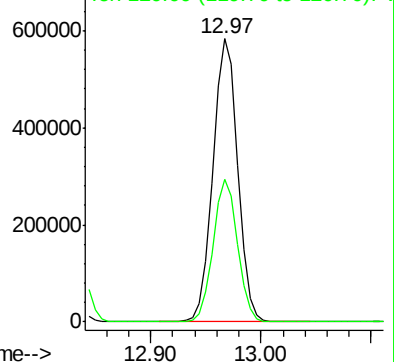
Ion Ratio Lower Upper

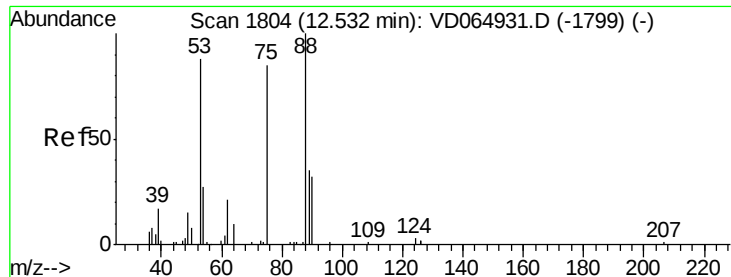
105 100

120 49.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VD064931.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.02 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

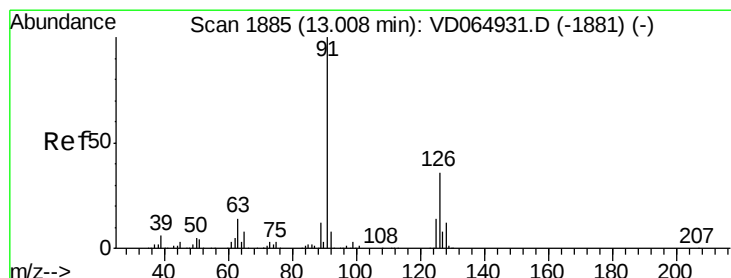
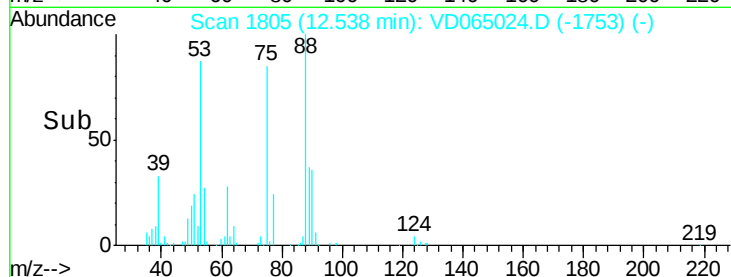
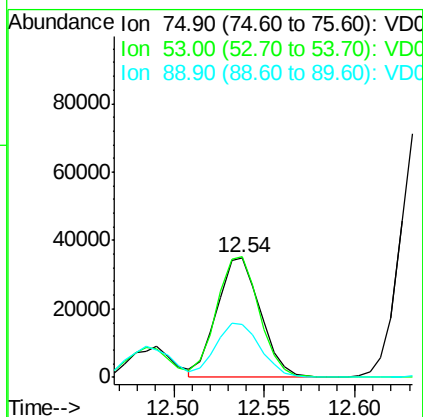
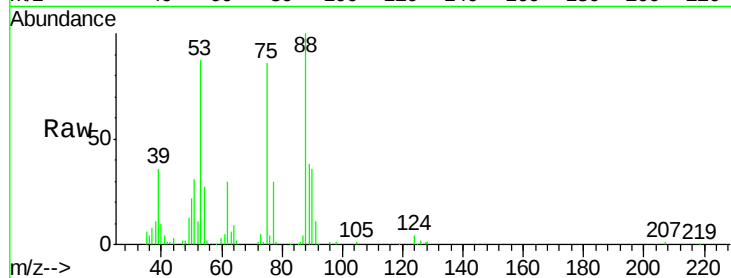
Tgt Ion: 75 Resp: 58385

Ion Ratio Lower Upper

75 100

53 98.6 81.0 121.4

89 46.4 36.2 54.4



#82

4-Chlorotoluene

Concen: 53.13 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065024.D

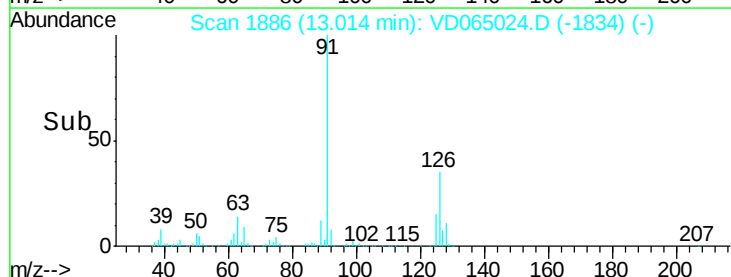
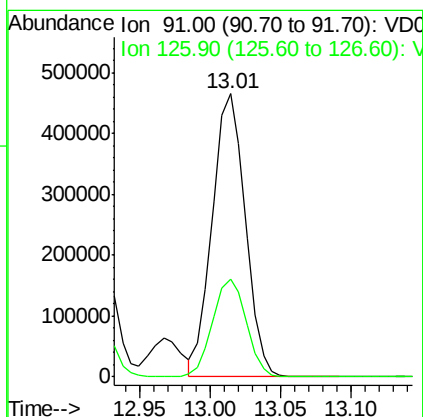
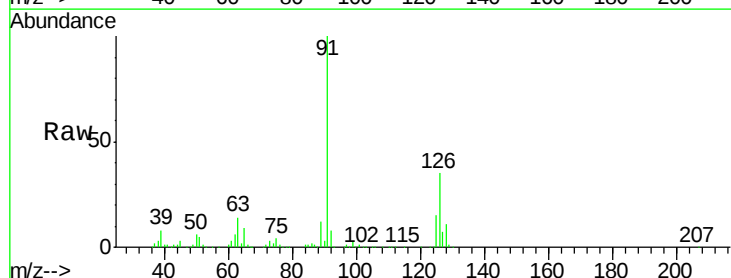
Acq: 31 Jan 2020 10:17

Tgt Ion: 91 Resp: 754416

Ion Ratio Lower Upper

91 100

126 35.5 18.0 54.0

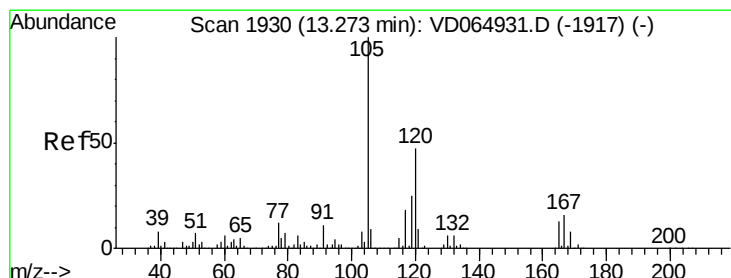
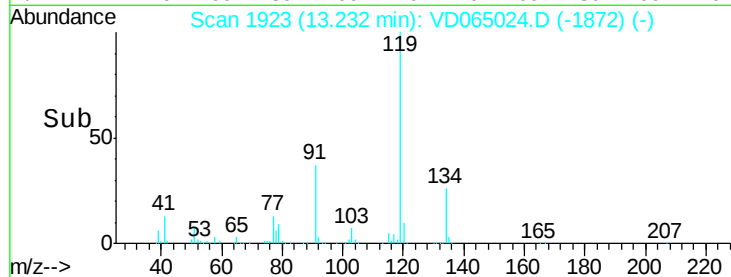
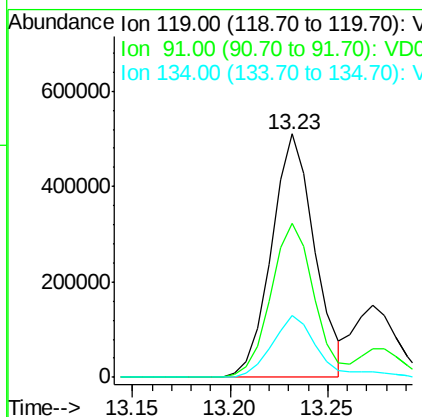
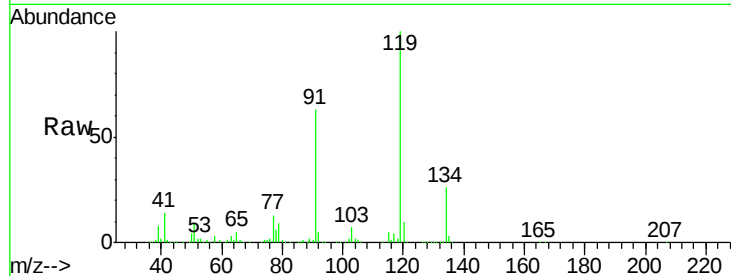




#83
 tert-Butylbenzene
 Concen: 54.63 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

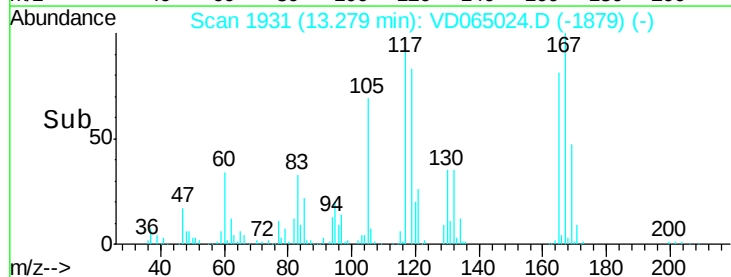
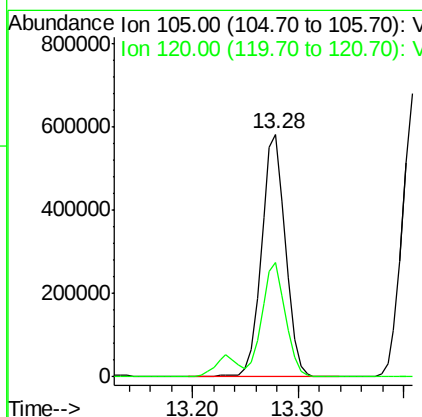
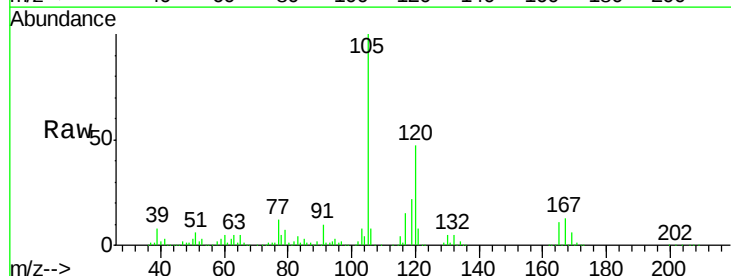
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

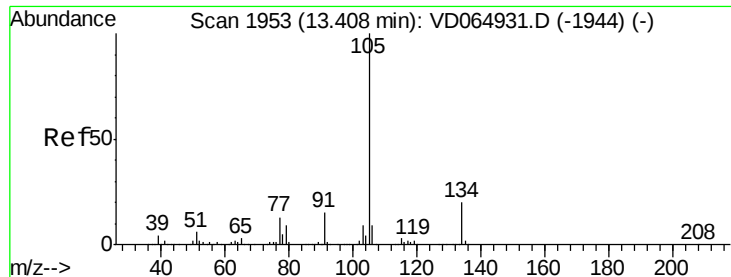
Tgt Ion:119 Resp: 779777
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.0 96.0
 134 27.3 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.85 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion:105 Resp: 917503
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3

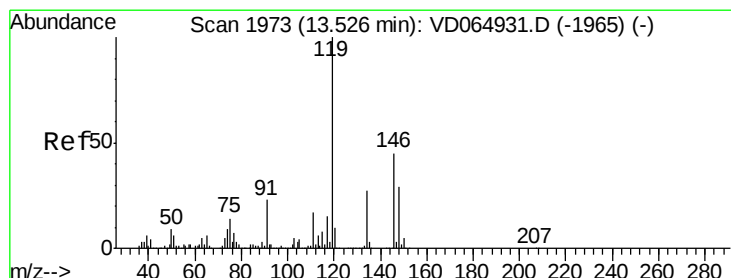
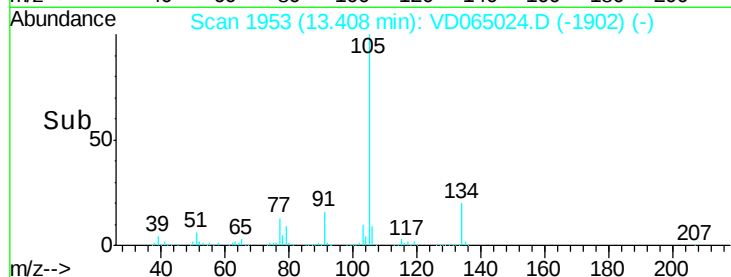
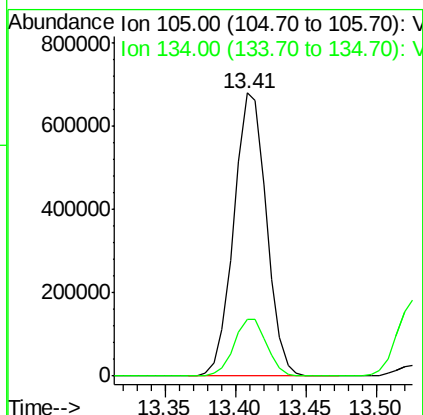
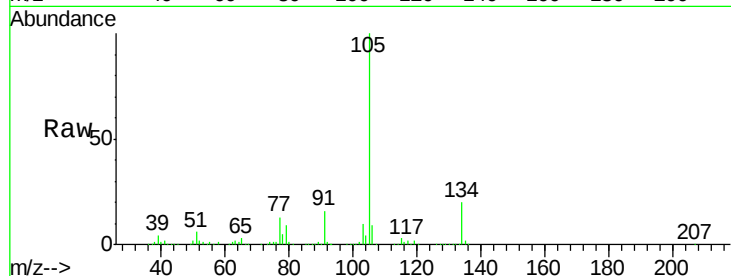




#85
 sec-Butylbenzene
 Concen: 54.25 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

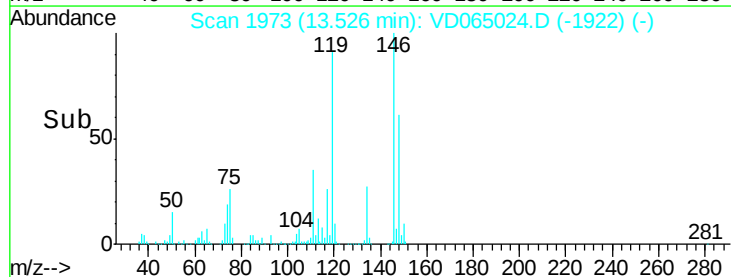
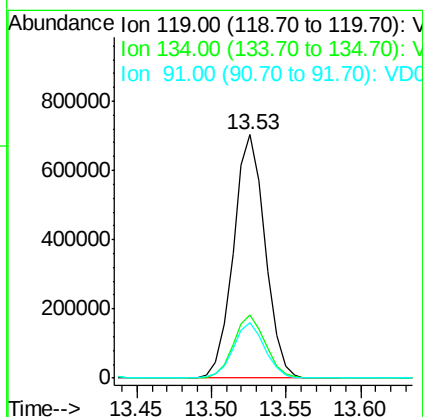
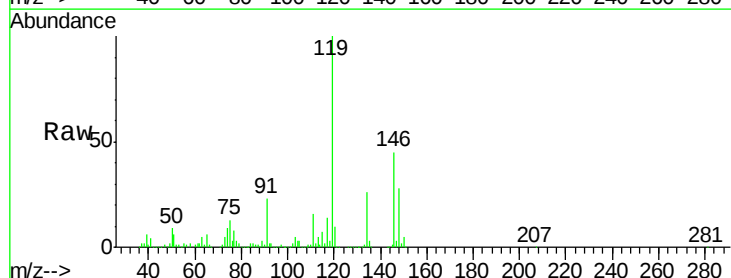
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

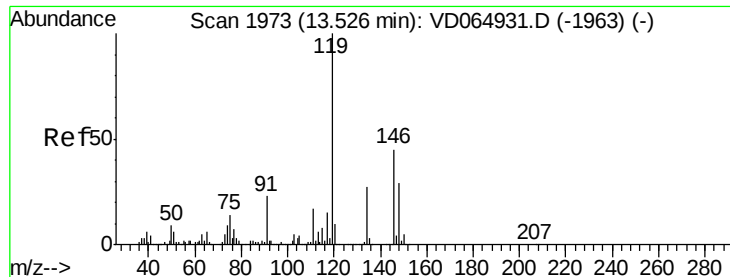
Tgt Ion:105 Resp: 1096369
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 54.95 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion:119 Resp: 1039235
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 22.7 11.4 34.2

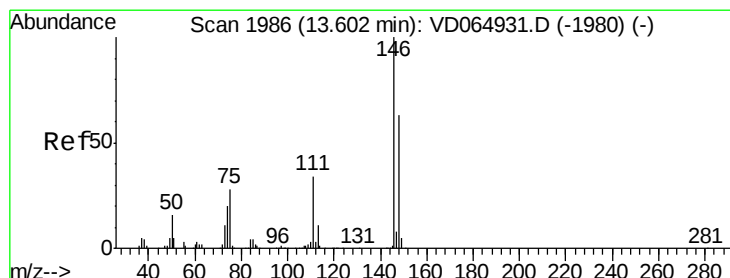
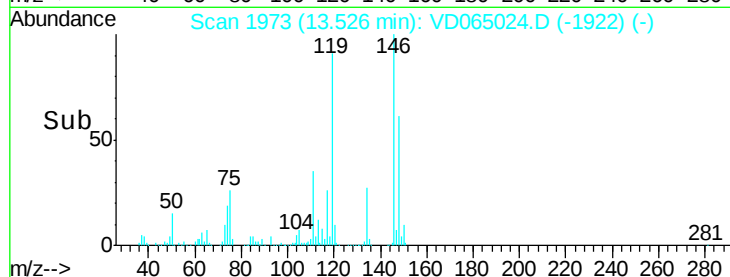
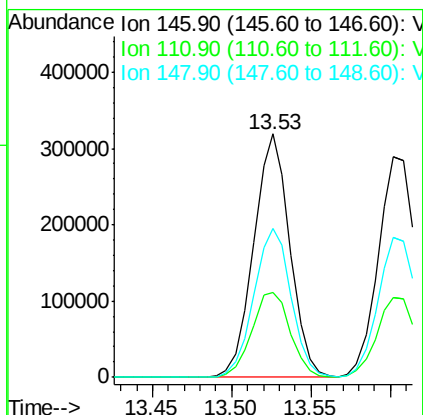
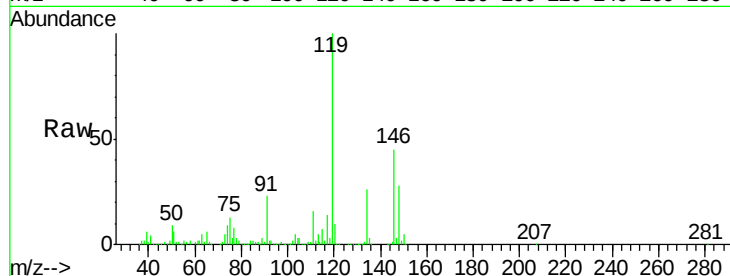




#87
 1,3-Dichlorobenzene
 Concen: 52.56 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

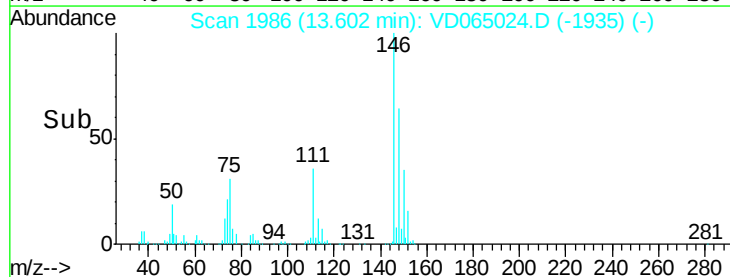
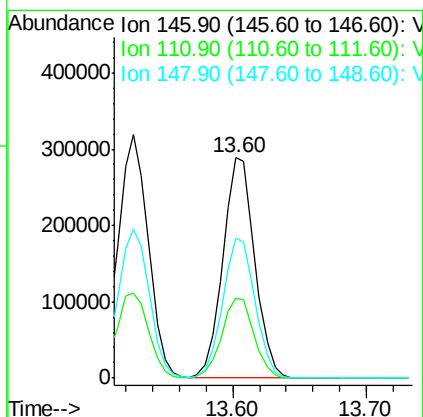
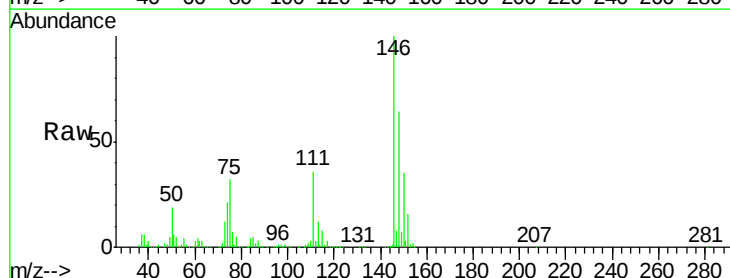
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

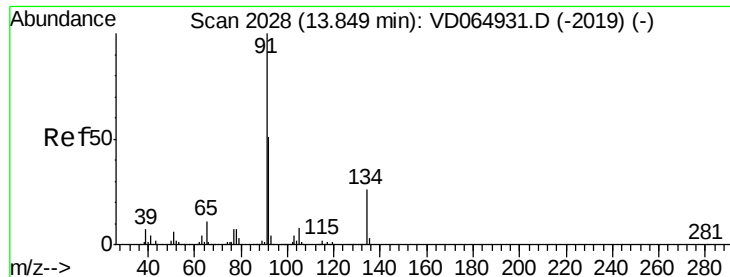
Tgt Ion:146 Resp: 506437
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.9
 148 62.8 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 50.58 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion:146 Resp: 483665
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.2 54.6
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 55.51 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

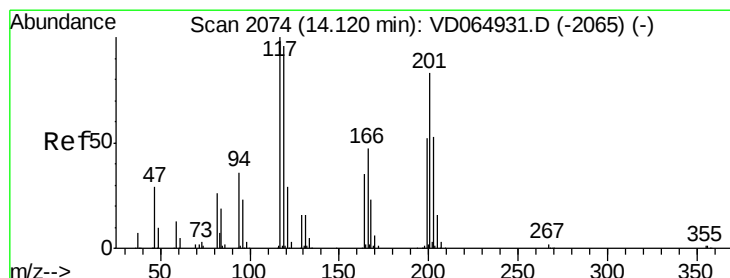
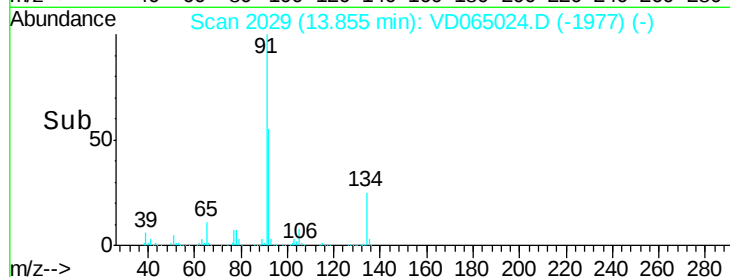
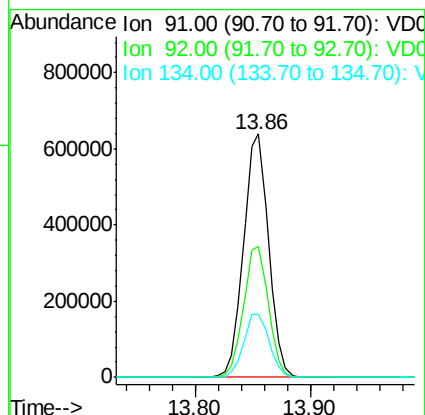
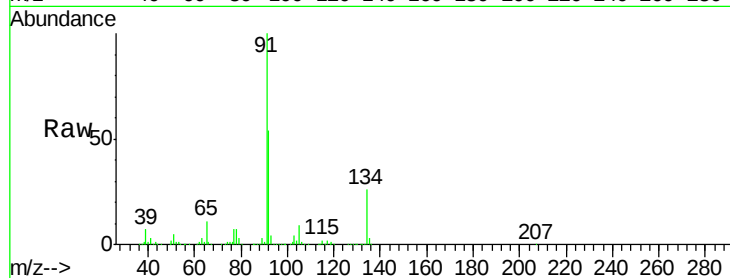
Tgt Ion: 91 Resp: 958003

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.0

134 27.0 13.3 39.9



#90

Hexachloroethane

Concen: 53.14 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065024.D

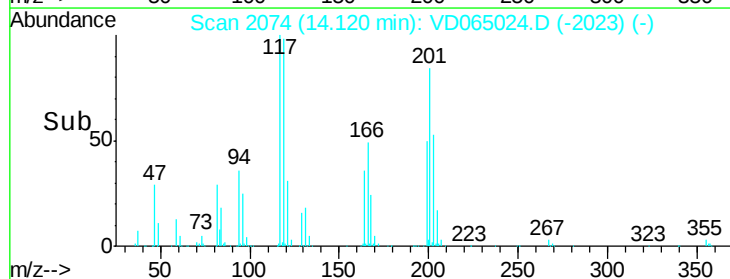
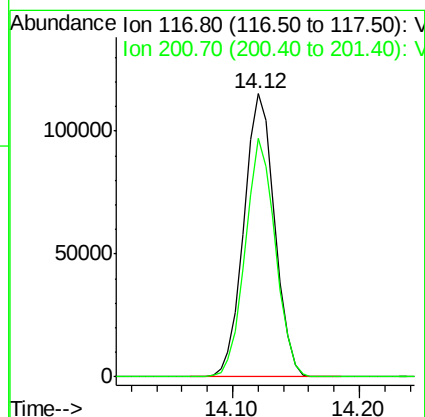
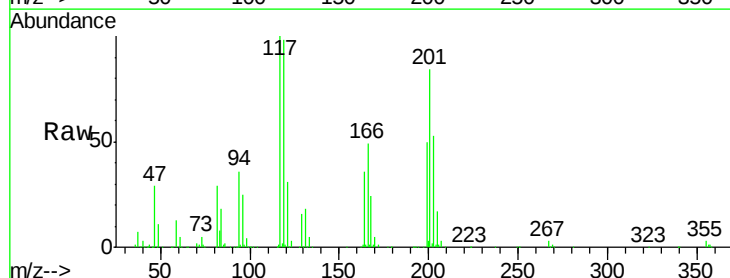
Acq: 31 Jan 2020 10:17

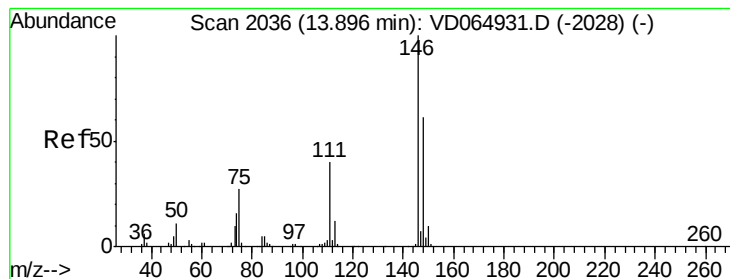
Tgt Ion: 117 Resp: 193792

Ion Ratio Lower Upper

117 100

201 82.4 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 50.99 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

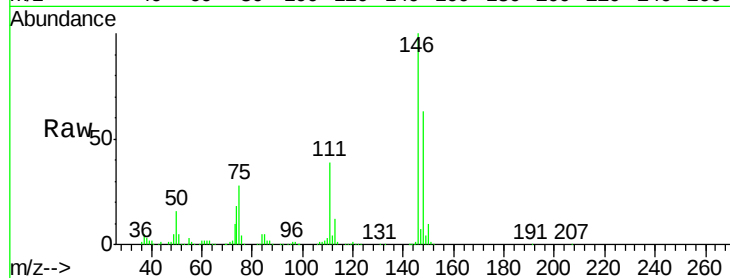
Tgt Ion:146 Resp: 417090

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

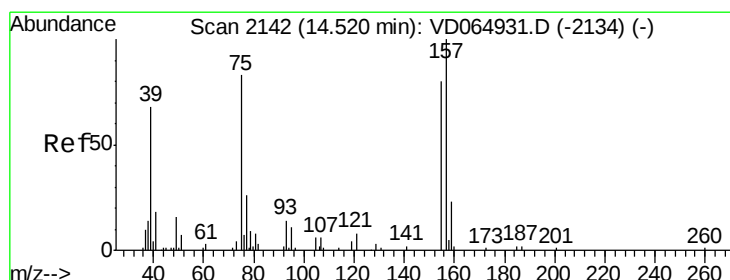
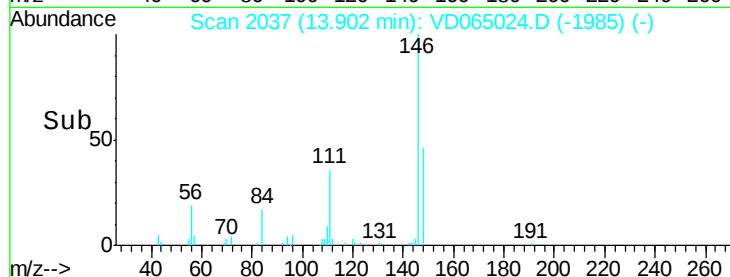
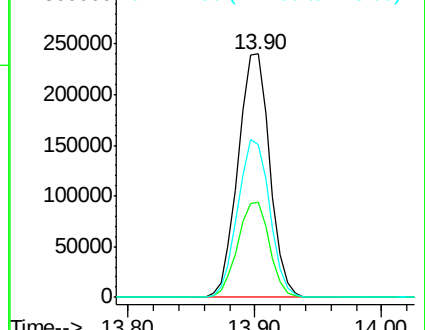
148 65.2 31.6 95.0



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: 47.06 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

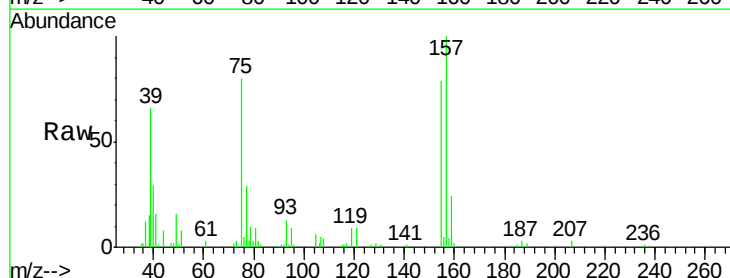
Tgt Ion: 75 Resp: 25978

Ion Ratio Lower Upper

75 100

155 91.1 44.9 134.7

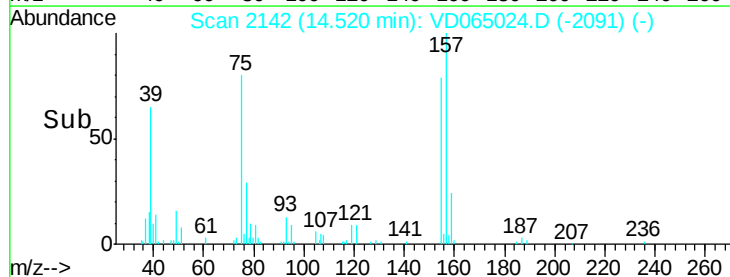
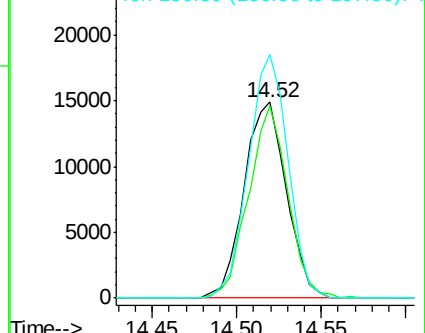
157 116.3 58.9 176.6

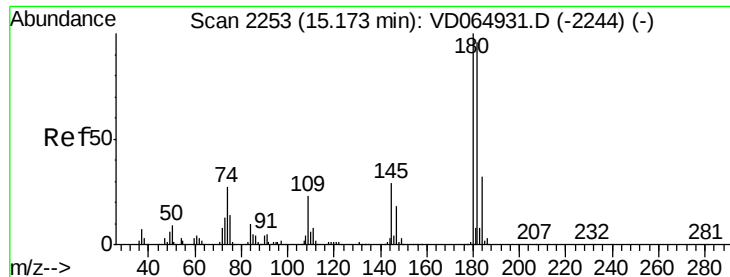


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

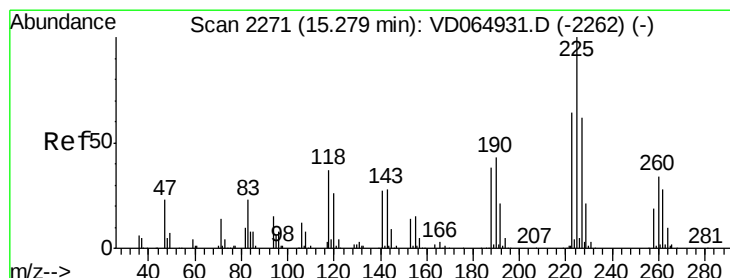
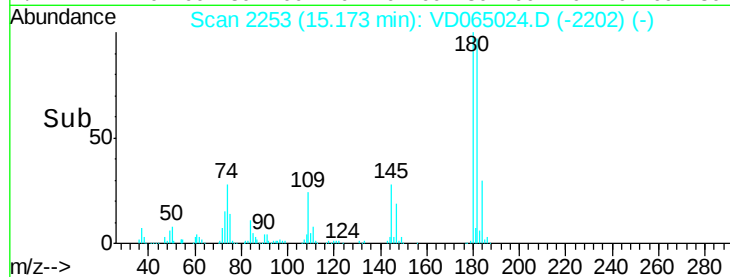
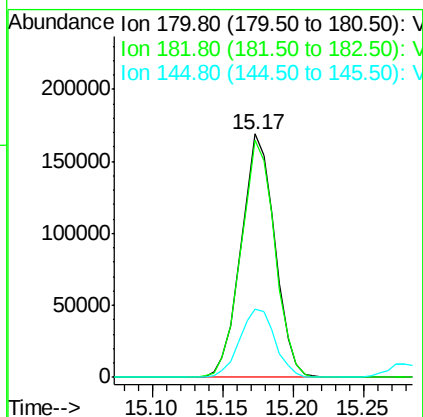
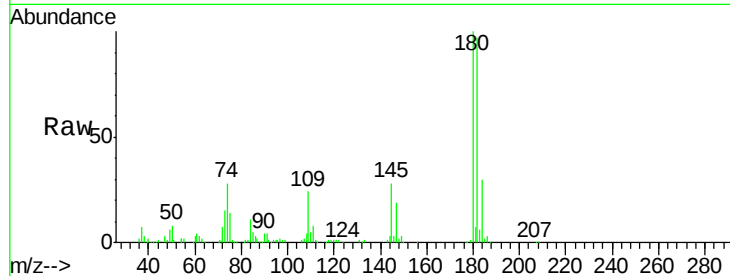




#93
 1,2,4-Trichlorobenzene
 Concen: 50.03 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

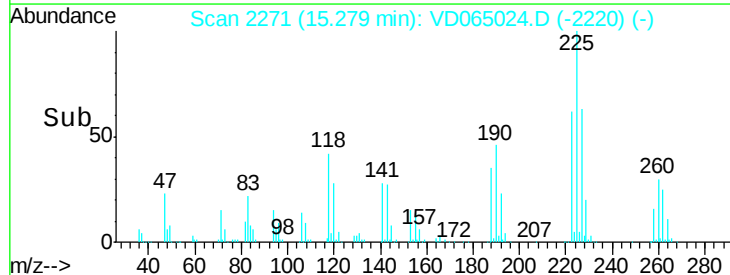
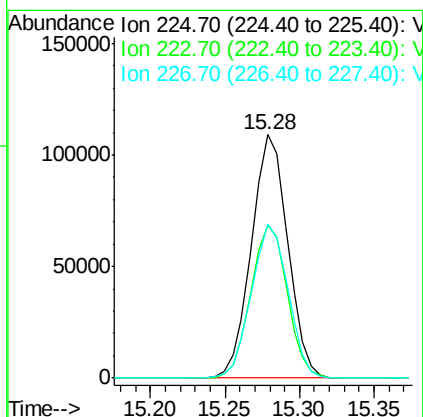
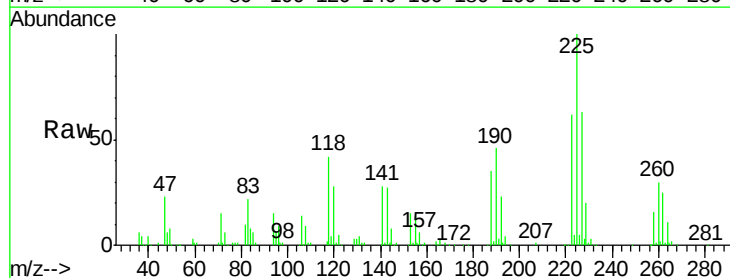
Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

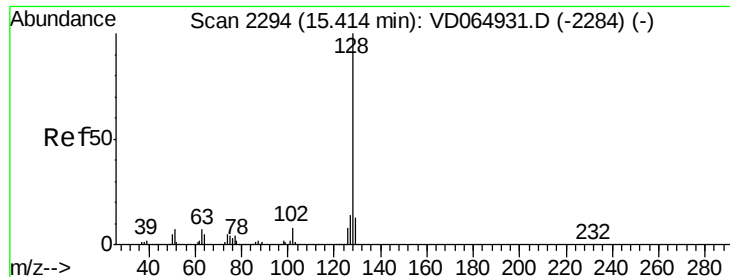
Tgt Ion:180 Resp: 283096
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.1 141.4
 145 29.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 51.43 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065024.D
 Acq: 31 Jan 2020 10:17

Tgt Ion:225 Resp: 184096
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 63.6 31.9 95.9





#95

Naphthalene

Concen: 49.68 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

Instrument :

MSVOA_D

LabSampleId :

VSTDCCC050

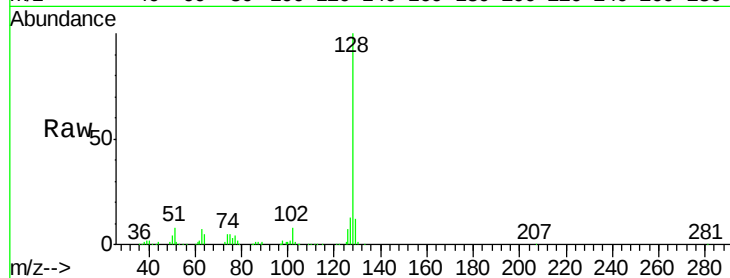
Tgt Ion:128 Resp: 453723

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

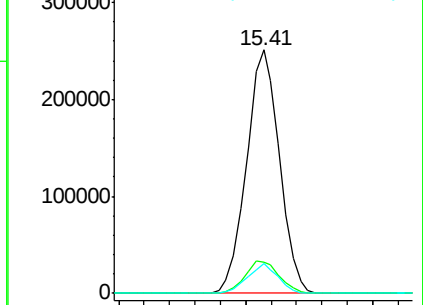
129 11.4 9.3 13.9



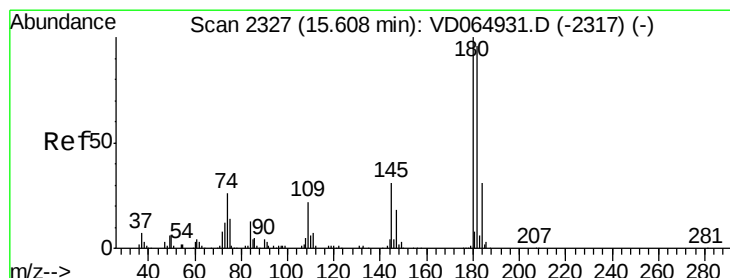
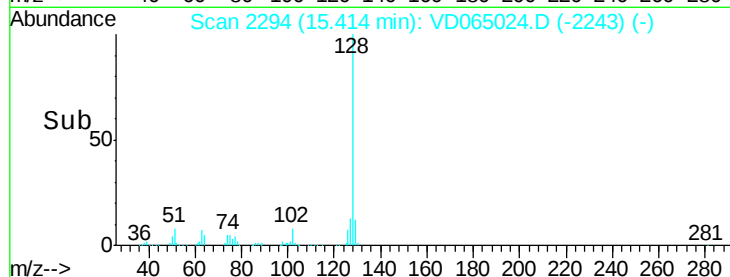
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.30 15.40 15.50



#96

1,2,3-Trichlorobenzene

Concen: 50.26 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065024.D

Acq: 31 Jan 2020 10:17

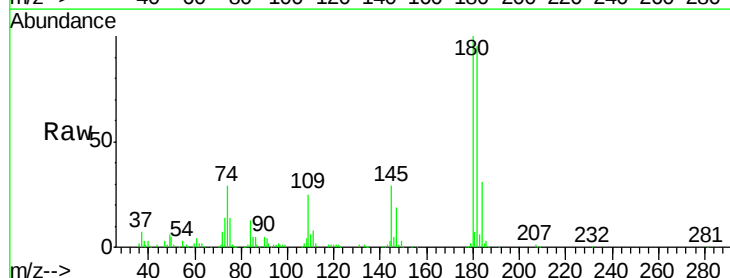
Tgt Ion:180 Resp: 246629

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

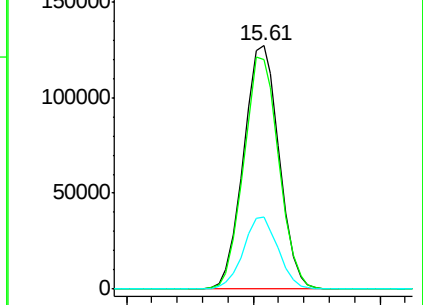
145 29.1 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time--> 15.50 15.60 15.70

