

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065883.D
 Acq On : 29 Jun 2020 13:47
 Operator : VA/SY
 Sample : VD0629SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

Quant Time: Jun 30 04:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	178318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	286600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	255531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	86642	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	7.91	113	84801	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.34	98	315837	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.64	95	104755	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	35962	21.091	ug/l	99
3) Chloromethane	2.21	50	50331	21.240	ug/l	96
4) Vinyl Chloride	2.35	62	50892	19.361	ug/l	94
5) Bromomethane	2.76	94	31642	18.404	ug/l	98
6) Chloroethane	2.91	64	30915	18.650	ug/l	93
7) Trichlorofluoromethane	3.27	101	70990	21.424	ug/l	97
8) Diethyl Ether	3.70	74	16537	18.983	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	37919	20.307	ug/l	99
10) Methyl Iodide	4.29	142	34577	18.953	ug/l #	94
11) Tert butyl alcohol	5.22	59	14211	148.816	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	35864	20.606	ug/l	97
13) Acrolein	3.91	56	13133	97.545	ug/l	94
14) Allyl chloride	4.71	41	57476	20.935	ug/l	94
15) Acrylonitrile	5.43	53	36116	97.530	ug/l	98
16) Acetone	4.15	43	37374	102.969	ug/l	94
17) Carbon Disulfide	4.41	76	119962	20.401	ug/l	100
18) Methyl Acetate	4.71	43	15322	19.038	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	75458	19.772	ug/l	96
20) Methylene Chloride	4.96	84	49423	23.198	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	39789	19.964	ug/l	92
22) Diisopropyl ether	6.36	45	114258	19.955	ug/l	98
23) Vinyl Acetate	6.30	43	321746	97.224	ug/l	100
24) 1,1-Dichloroethane	6.26	63	67440	19.743	ug/l	94
25) 2-Butanone	7.21	43	48768	100.681	ug/l	94
26) 2,2-Dichloropropane	7.21	77	64309	20.515	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	41459	18.801	ug/l	96
28) Bromochloromethane	7.54	49	24203	18.854	ug/l	99
29) Tetrahydrofuran	7.56	42	30081	97.765	ug/l	98
30) Chloroform	7.71	83	71406	19.524	ug/l	98
31) Cyclohexane	7.98	56	67870	20.452	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	68942	20.542	ug/l	99
36) 1,1-Dichloropropene	8.11	75	57437	20.552	ug/l	99
37) Ethyl Acetate	7.28	43	22699	21.242	ug/l #	96
38) Carbon Tetrachloride	8.09	117	63042	20.890	ug/l #	95

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 30 04:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	67754	20.404	ug/l	97
40) Benzene	8.35	78	153886	19.847	ug/l	98
41) Methacrylonitrile	7.53	41	13477	22.988	ug/l #	53
42) 1,2-Dichloroethane	8.43	62	46442	20.304	ug/l	99
43) Isopropyl Acetate	8.45	43	42691	20.617	ug/l	95
44) Trichloroethene	9.11	130	41219	19.624	ug/l	97
45) 1,2-Dichloropropane	9.38	63	37918	20.416	ug/l	100
46) Dibromomethane	9.48	93	19843	19.273	ug/l	98
47) Bromodichloromethane	9.66	83	55389	20.246	ug/l #	98
48) Methyl methacrylate	9.46	41	22272	21.943	ug/l	89
49) 1,4-Dioxane	9.46	88	4561	433.078	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	101486	95.082	ug/l	98
52) Toluene	10.40	92	99460	19.730	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	51095	19.566	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	58859	19.195	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	26697	19.567	ug/l	94
56) Ethyl methacrylate	10.67	69	32143	18.973	ug/l	95
57) 1,3-Dichloropropane	10.95	76	46073	19.251	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	74692	100.585	ug/l	100
59) 2-Hexanone	10.98	43	73498	98.238	ug/l	97
60) Dibromochloromethane	11.14	129	34530	18.529	ug/l	99
61) 1,2-Dibromoethane	11.25	107	26933	20.169	ug/l	94
64) Tetrachloroethene	10.87	164	34447	20.644	ug/l	96
65) Chlorobenzene	11.67	112	100195	19.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	36906	19.546	ug/l	96
67) Ethyl Benzene	11.75	91	184067	19.553	ug/l	98
68) m/p-Xylenes	11.86	106	138618	38.675	ug/l	96
69) o-Xylene	12.18	106	63306	19.655	ug/l	100
70) Styrene	12.20	104	105845	18.794	ug/l	98
71) Bromoform	12.37	173	18061	18.012	ug/l #	100
73) Isopropylbenzene	12.48	105	177125	20.343	ug/l	99
74) N-amyl acetate	12.29	43	38373	19.948	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	27891	19.461	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	37876	35.607	ug/l	32
77) Bromobenzene	12.76	156	39489	20.172	ug/l	96
78) n-propylbenzene	12.82	91	215286	20.524	ug/l	99
79) 2-Chlorotoluene	12.91	91	115841	20.050	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	144532	19.857	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	8721	17.613	ug/l #	85
82) 4-Chlorotoluene	13.01	91	125044	20.252	ug/l	98
83) tert-Butylbenzene	13.23	119	126439	20.642	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	145450	20.286	ug/l	100
85) sec-Butylbenzene	13.40	105	177216	20.302	ug/l	99
86) p-Isopropyltoluene	13.52	119	157656	19.884	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	75661	19.894	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	76894	20.096	ug/l	98
89) n-Butylbenzene	13.85	91	159548	20.637	ug/l	97
90) Hexachloroethane	14.11	117	34092	21.070	ug/l	90
91) 1,2-Dichlorobenzene	13.90	146	66106	19.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4962	22.351	ug/l	94

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration

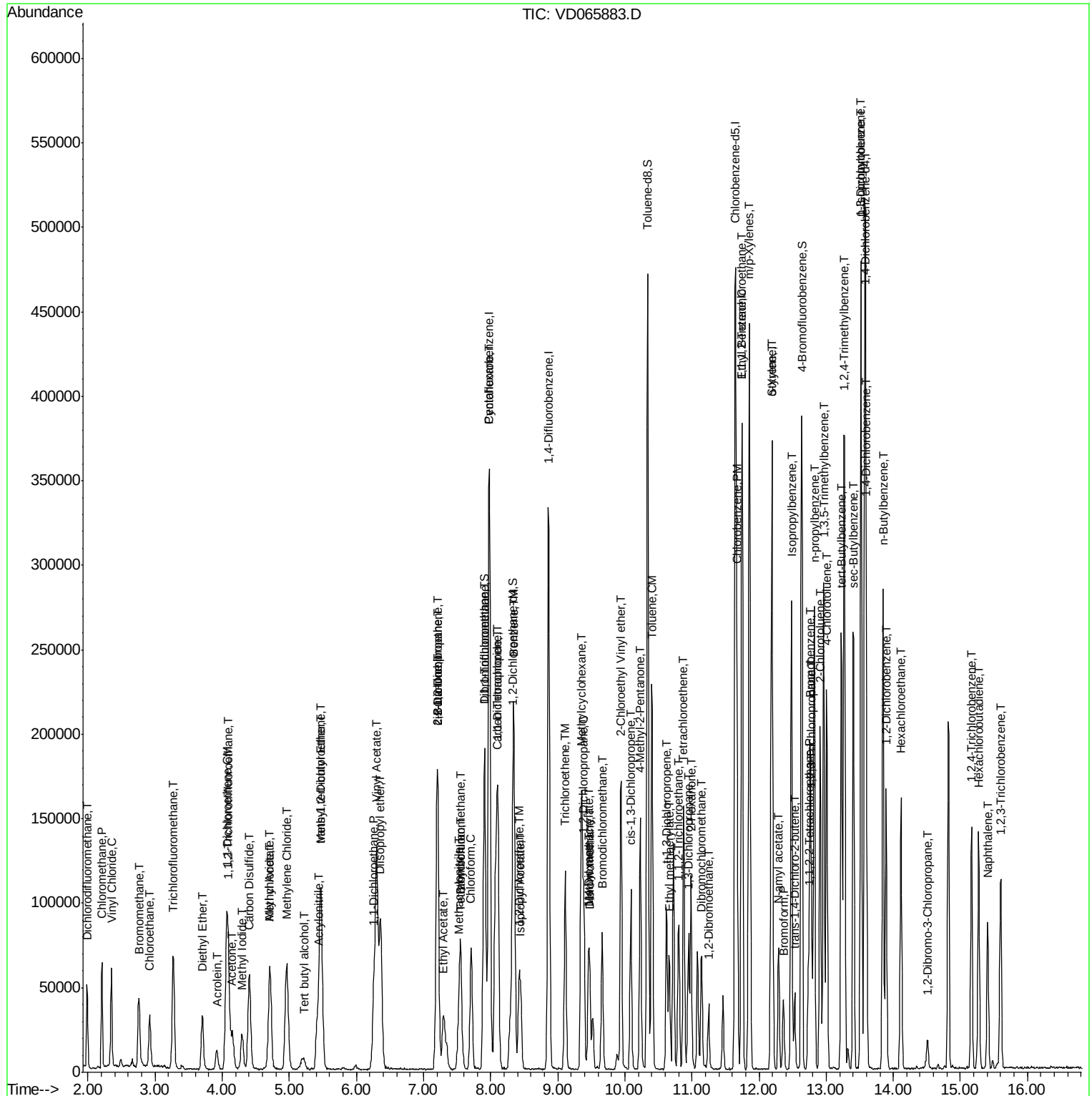
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	43744	20.709	ug/l	97
94) Hexachlorobutadiene	15.27	225	25057	20.798	ug/l	99
95) Naphthalene	15.41	128	74969	19.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	35641	20.221	ug/l	99

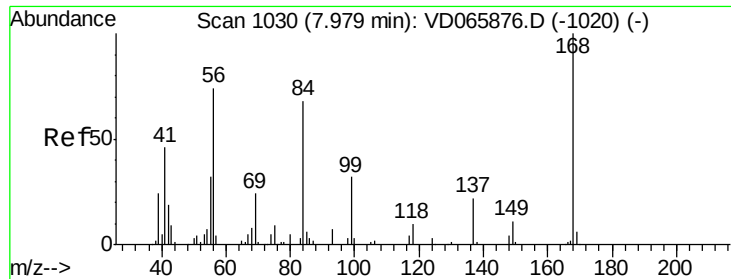
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

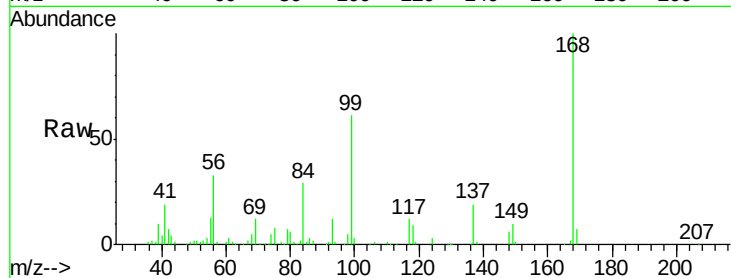
VD0629SBS01

Tot Ion:168 Resp: 178318

Ion Ratio Lower Upper

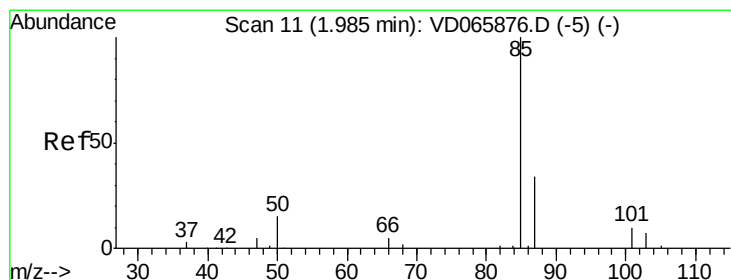
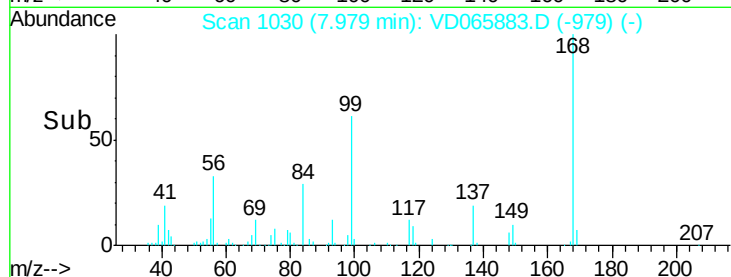
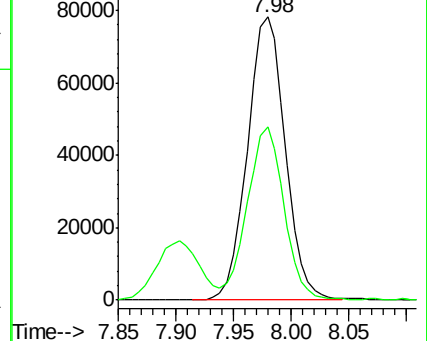
168 100

99 60.7 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.091 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065883.D

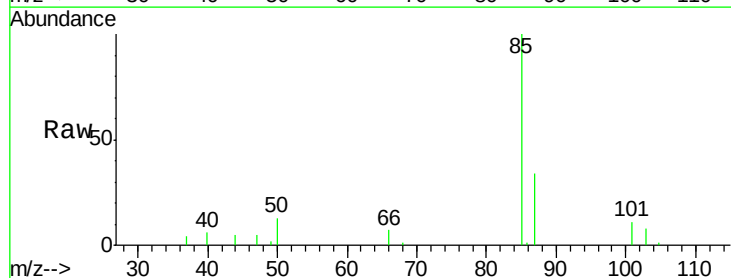
Acq: 29 Jun 2020 13:47

Tgt Ion: 85 Resp: 35962

Ion Ratio Lower Upper

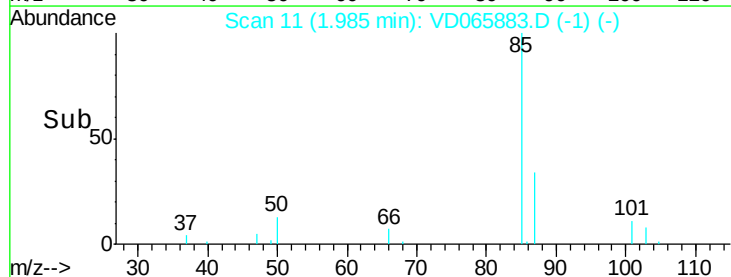
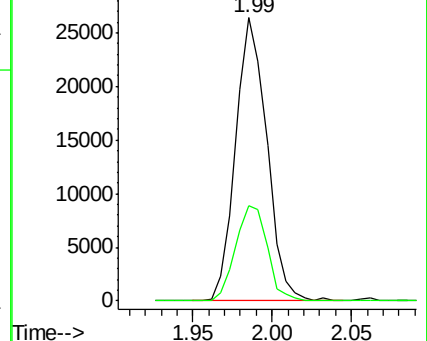
85 100

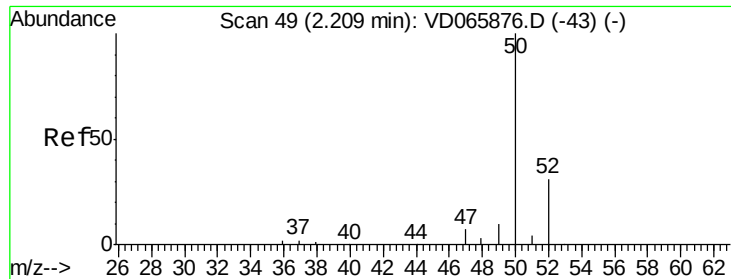
87 33.8 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

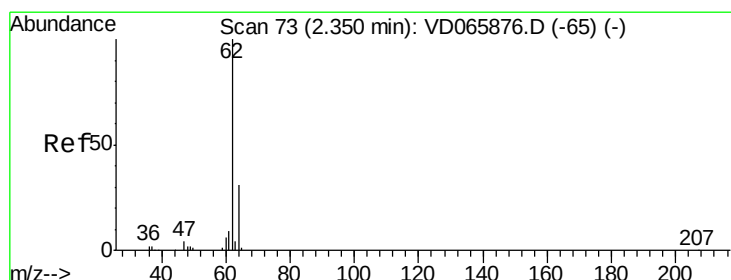
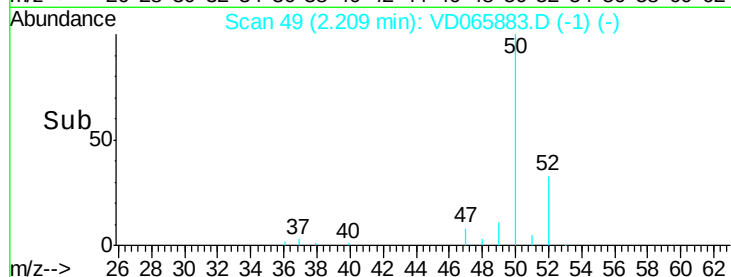
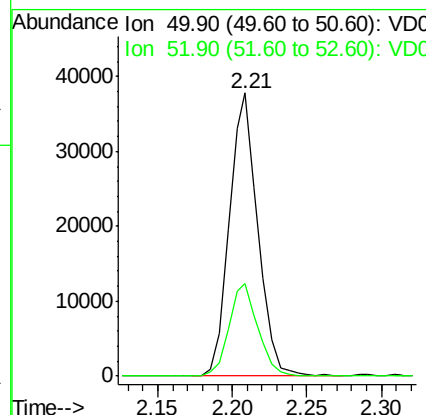
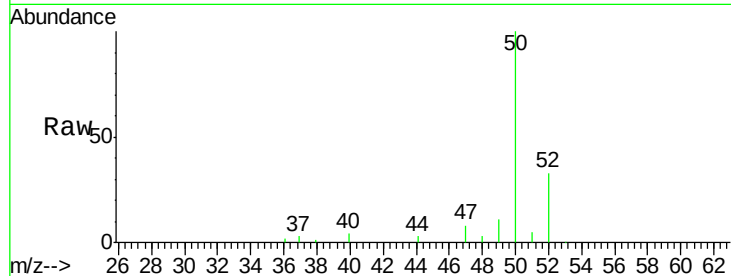




#3
Chloromethane
Concen: 21.240 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

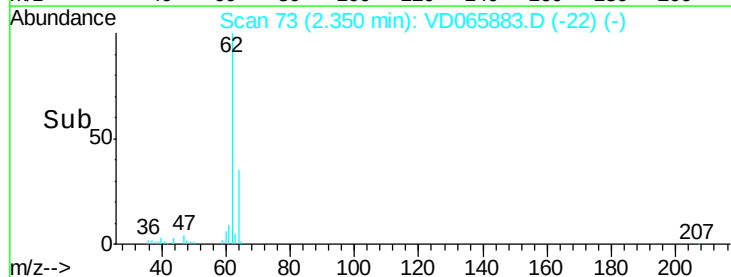
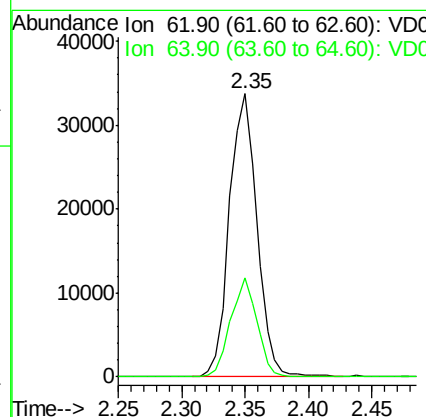
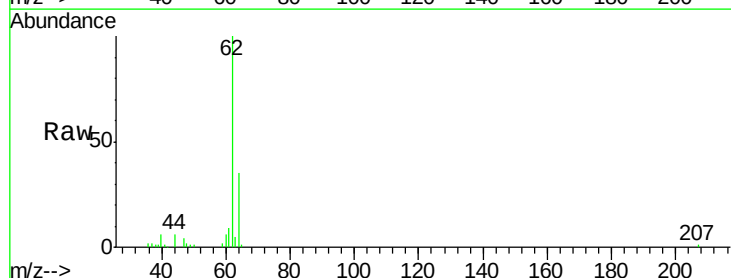
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

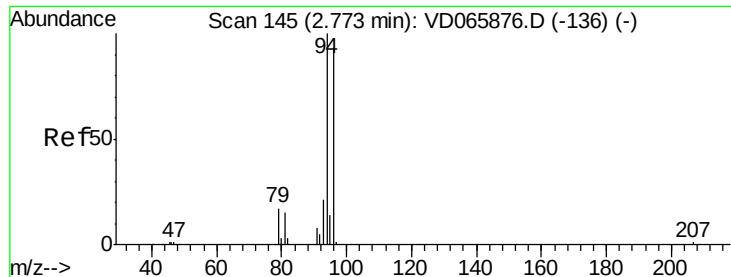
Tot Ion: 50 Resp: 50331
Ion Ratio Lower Upper
50 100
52 32.9 24.7 37.1



#4
Vinyl Chloride
Concen: 19.361 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 62 Resp: 50892
Ion Ratio Lower Upper
62 100
64 34.8 25.0 37.4





#5

Bromomethane

Concen: 18.404 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

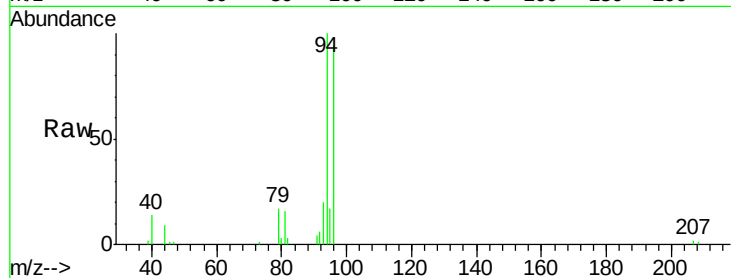
VD0629SBS01

Tot Ion: 94 Resp: 31642

Ion Ratio Lower Upper

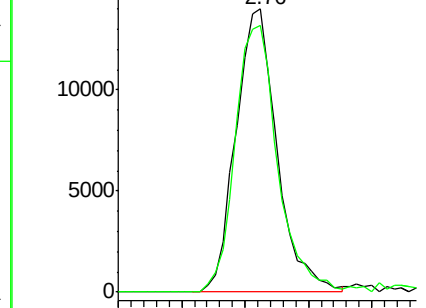
94 100

96 94.3 74.1 111.1

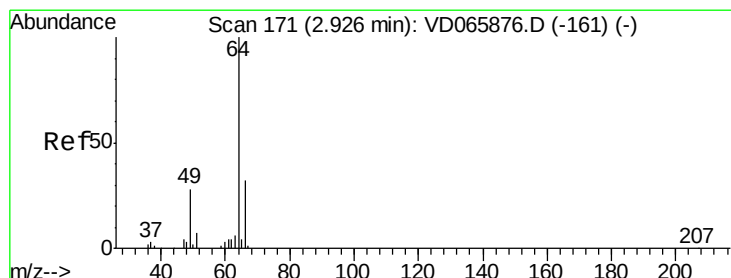
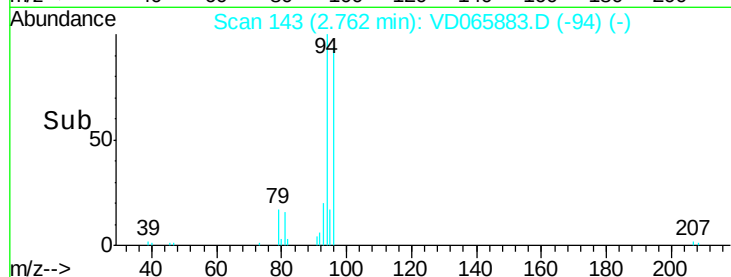


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 18.650 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065883.D

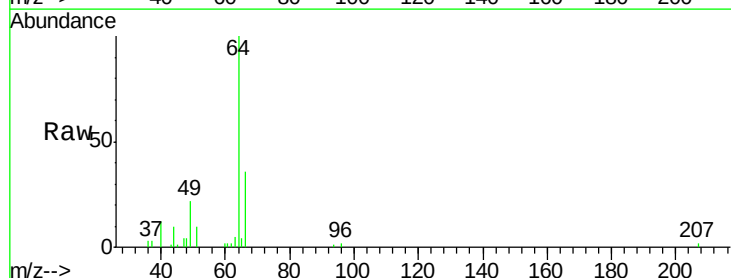
Acq: 29 Jun 2020 13:47

Tgt Ion: 64 Resp: 30915

Ion Ratio Lower Upper

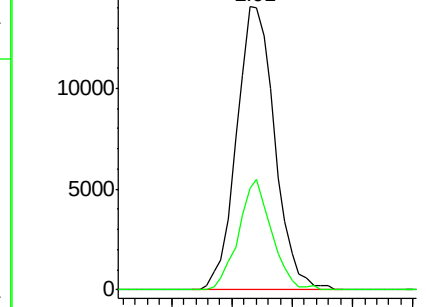
64 100

66 36.0 25.7 38.5

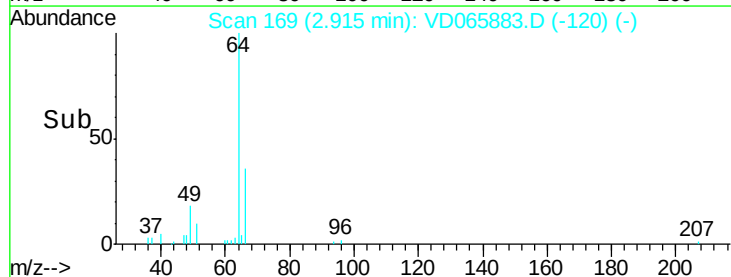


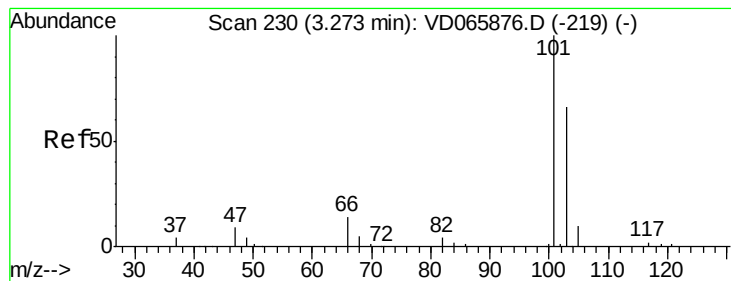
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time--> 2.85 2.90 2.95 3.00



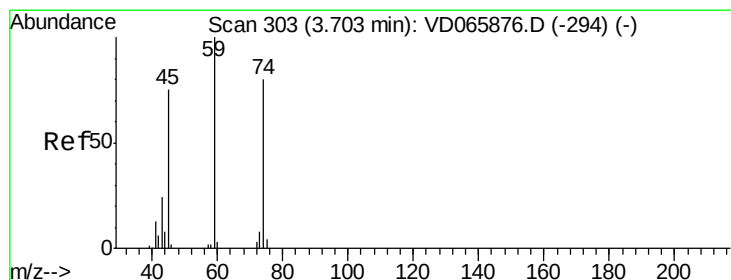
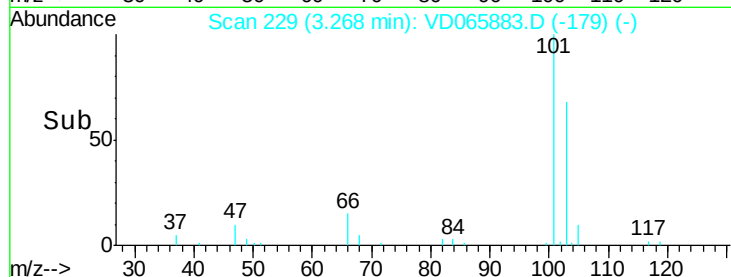
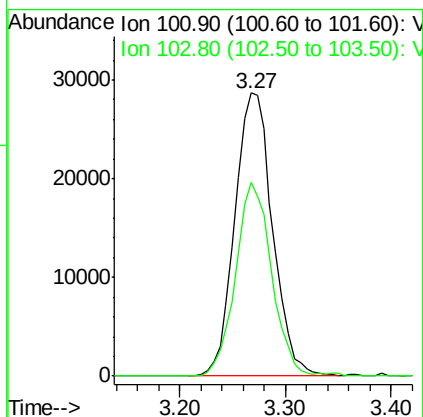
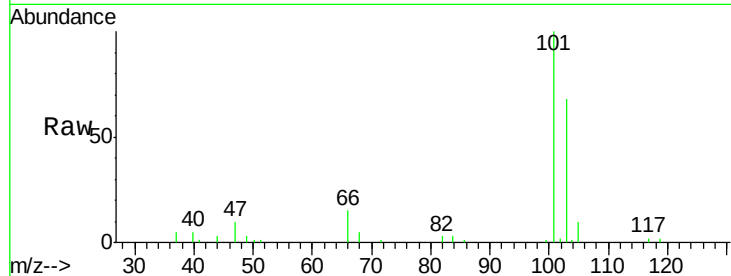


#7

Trichlorofluoromethane
 Concen: 21.424 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

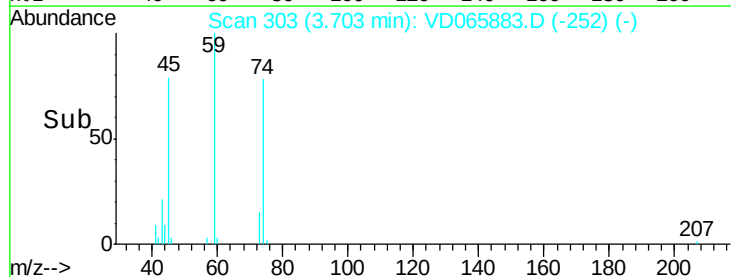
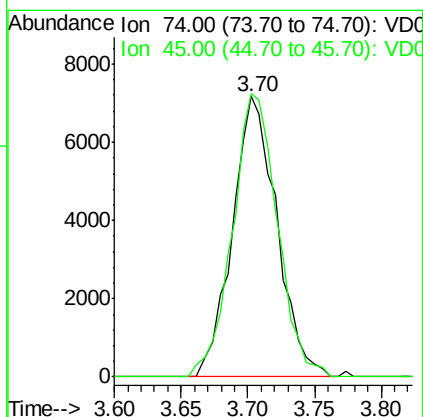
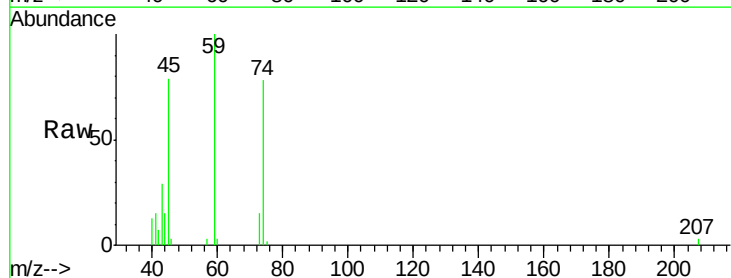
Tot Ion:101 Resp: 70990
 Ion Ratio Lower Upper
 101 100
 103 68.5 52.9 79.3

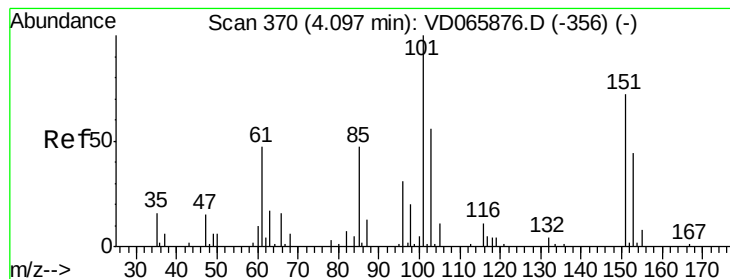


#8

Diethyl Ether
 Concen: 18.983 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion: 74 Resp: 16537
 Ion Ratio Lower Upper
 74 100
 45 102.1 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.307 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

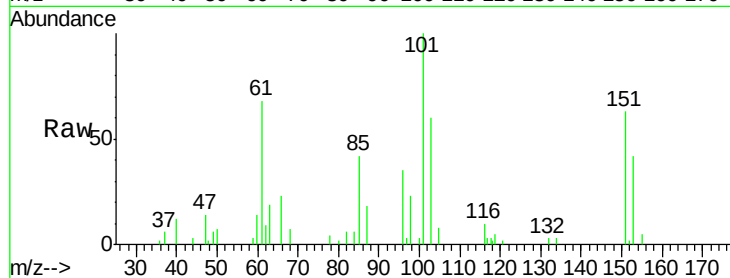
Tot Ion:101 Resp: 37919

Ion Ratio Lower Upper

101 100

85 48.7 38.6 58.0

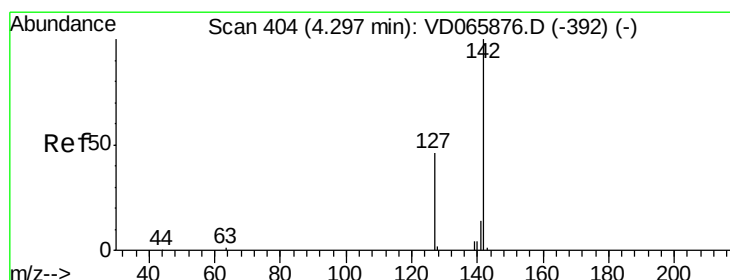
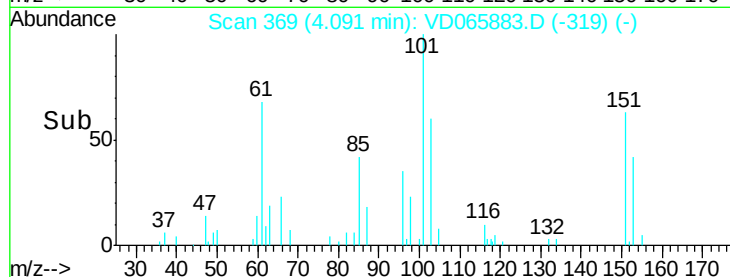
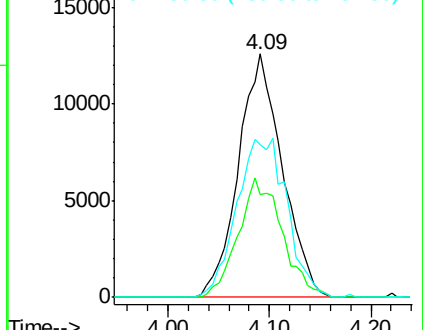
151 74.2 60.7 91.1



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: 18.953 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

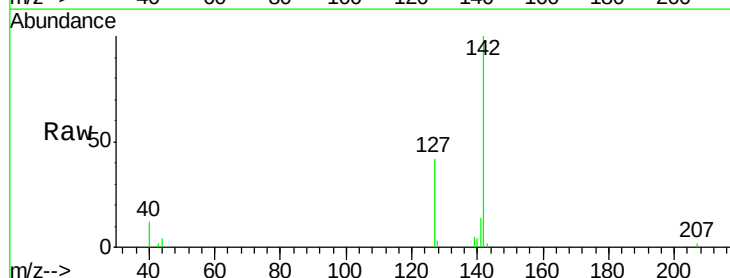
Tgt Ion:142 Resp: 34577

Ion Ratio Lower Upper

142 100

127 47.1 39.0 58.6

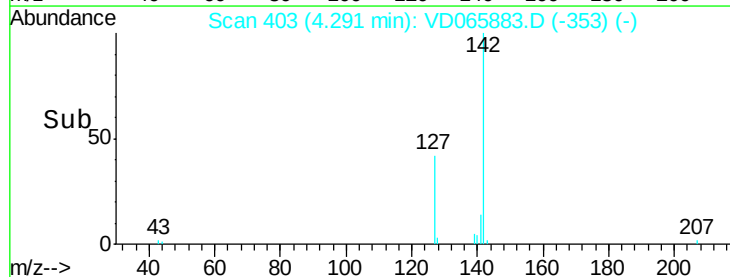
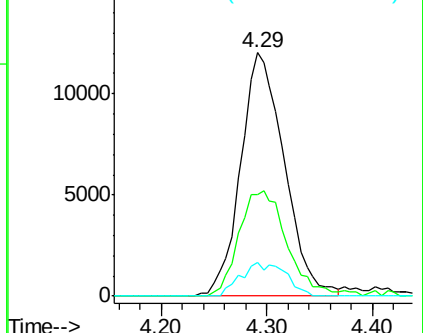
141 7.5 11.5 17.3#

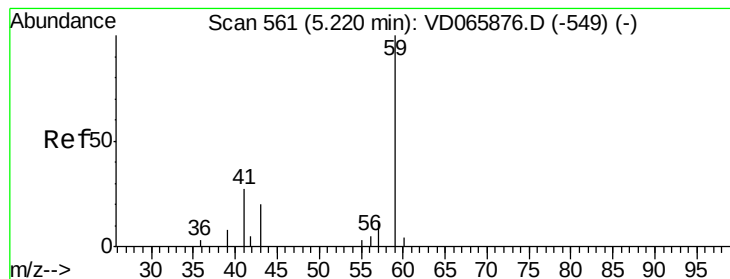


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



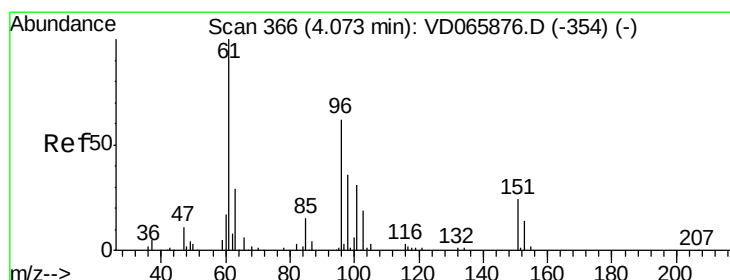
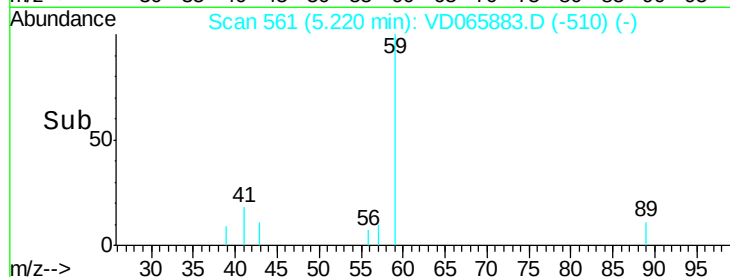
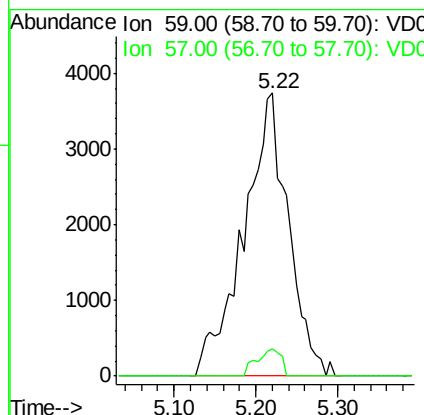
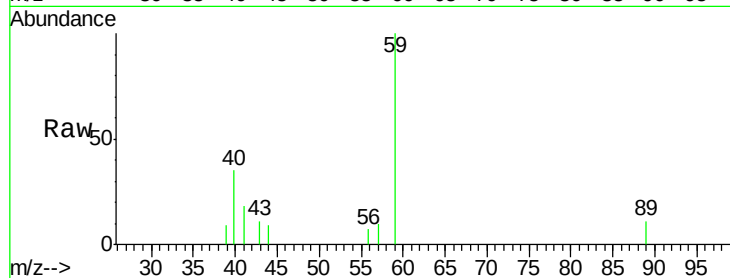


#11

Tert butyl alcohol
 Concen: 148.816 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

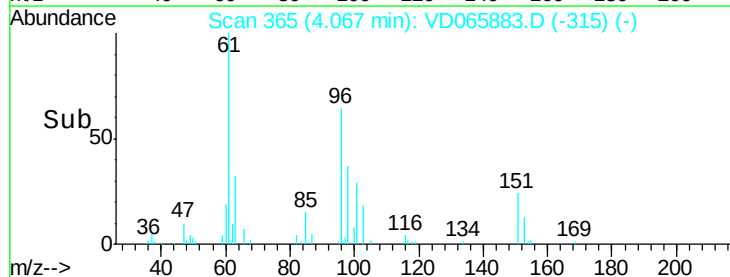
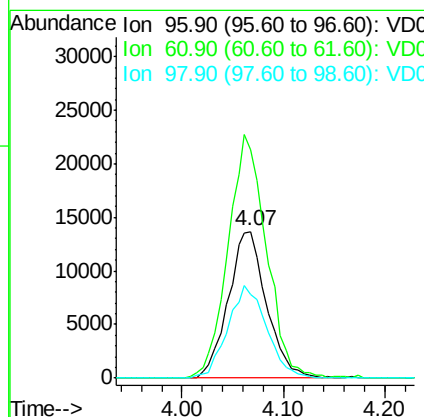
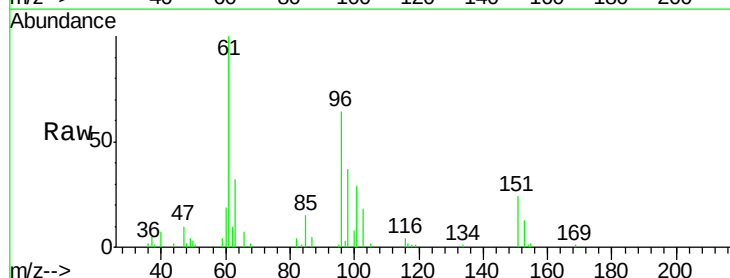
Tot Ion: 59 Resp: 14211
 Ion Ratio Lower Upper
 59 100
 57 5.2 9.7 14.5#

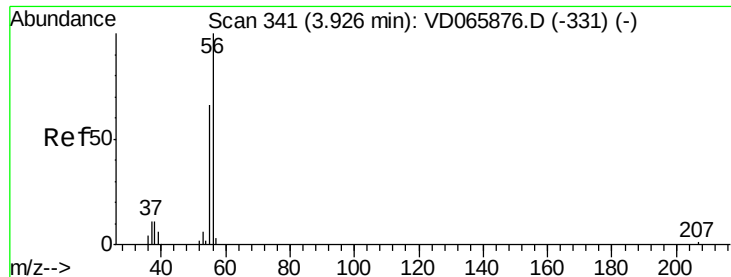


#12

1,1-Dichloroethene
 Concen: 20.606 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion: 96 Resp: 35864
 Ion Ratio Lower Upper
 96 100
 61 154.8 128.3 192.5
 98 57.2 46.2 69.2





#13

Acrolein

Concen: 97.545 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

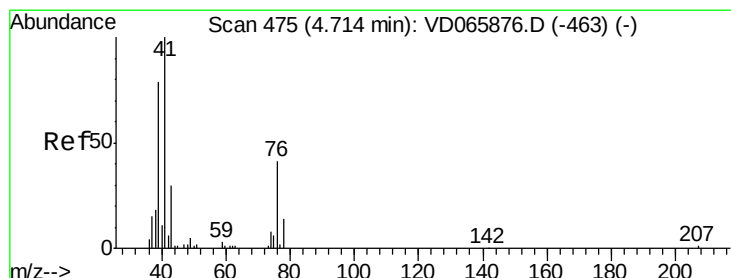
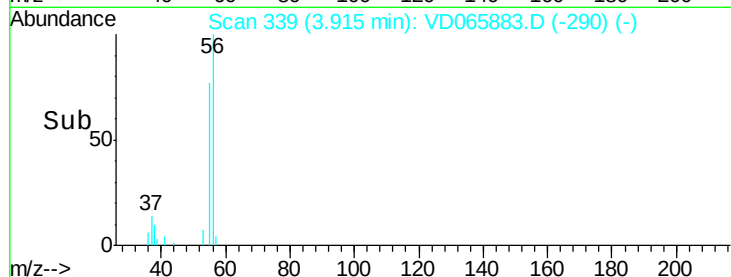
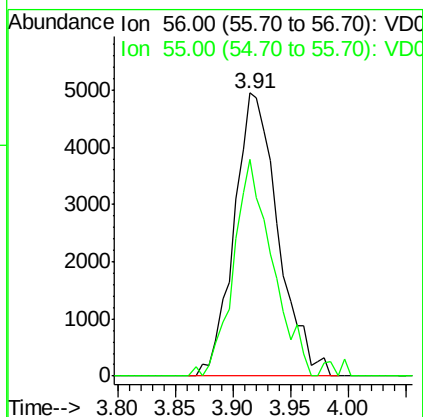
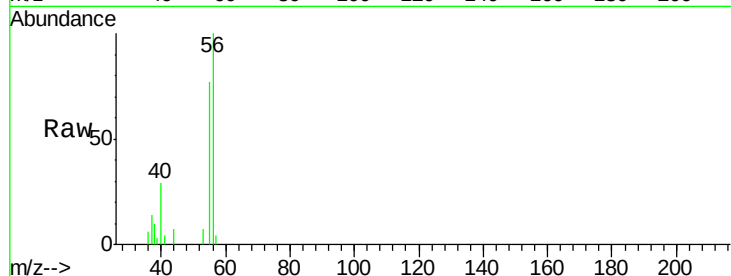
VD0629SBS01

Tot Ion: 56 Resp: 13133

Ion Ratio Lower Upper

56 100

55 67.6 58.1 87.1



#14

Allyl chloride

Concen: 20.935 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

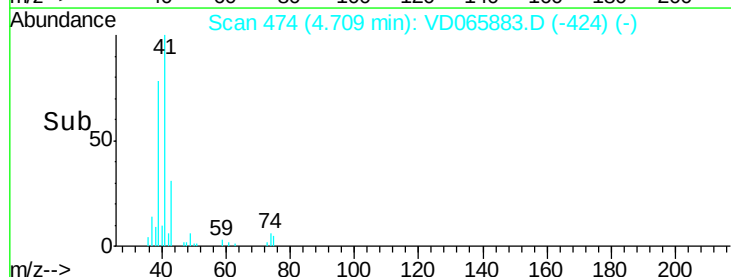
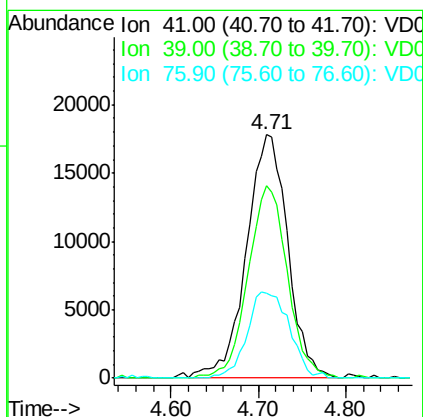
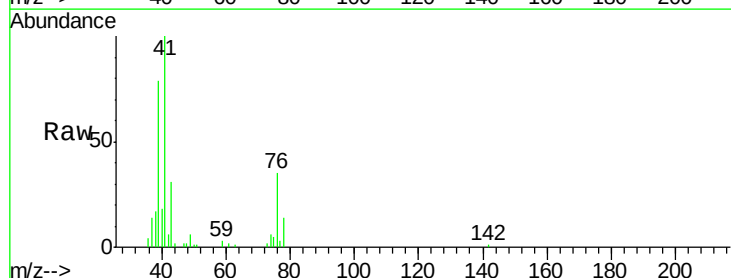
Tgt Ion: 41 Resp: 57476

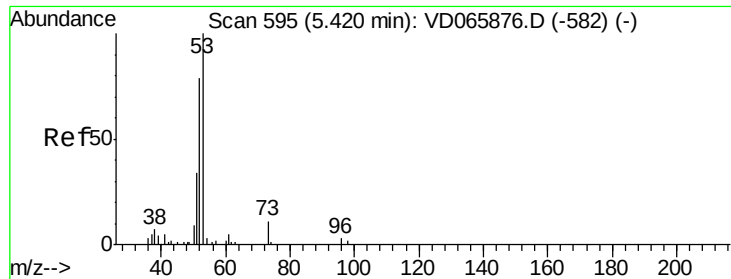
Ion Ratio Lower Upper

41 100

39 75.4 63.8 95.8

76 36.3 32.2 48.4





#15

Acrylonitrile

Concen: 97.530 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

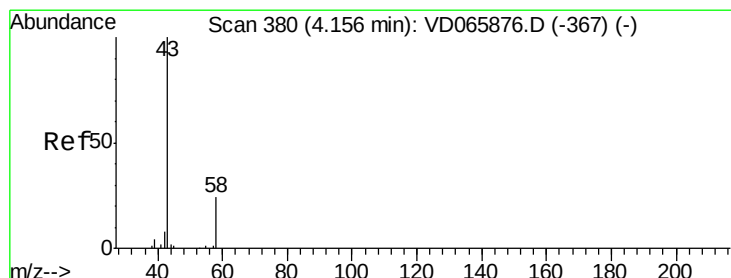
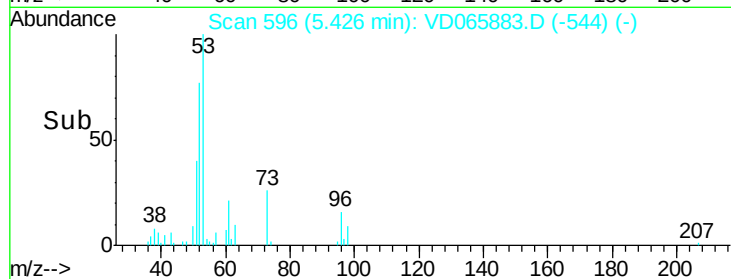
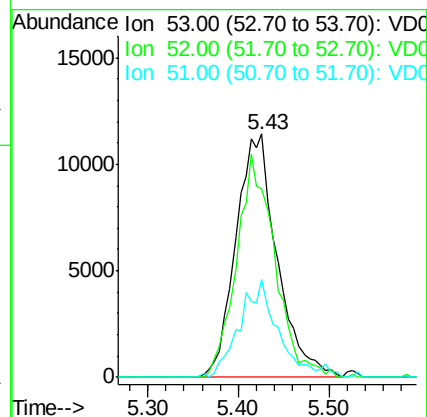
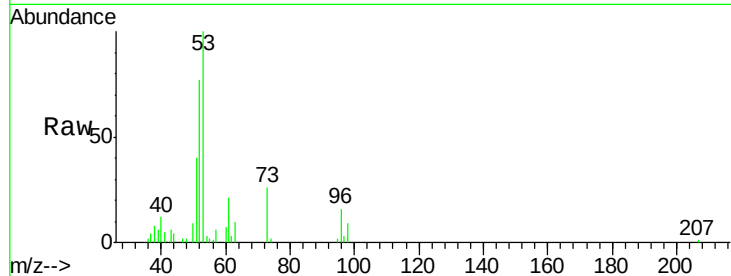
Tot Ion: 53 Resp: 36116

Ion Ratio Lower Upper

53 100

52 85.1 66.3 99.5

51 36.4 29.9 44.9



#16

Acetone

Concen: 102.969 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065883.D

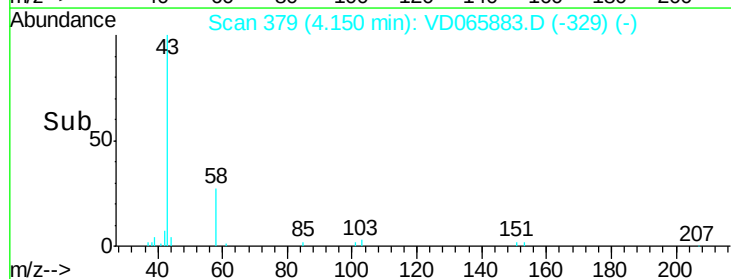
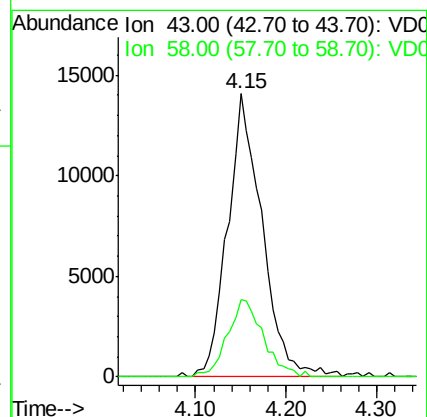
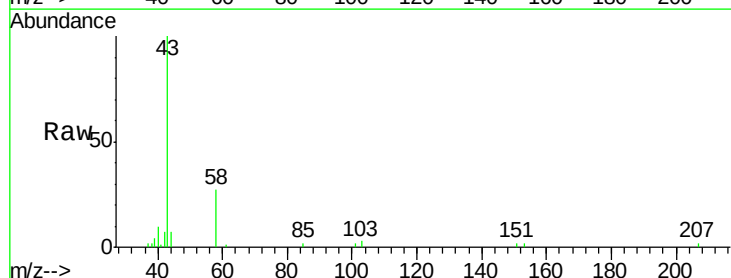
Acq: 29 Jun 2020 13:47

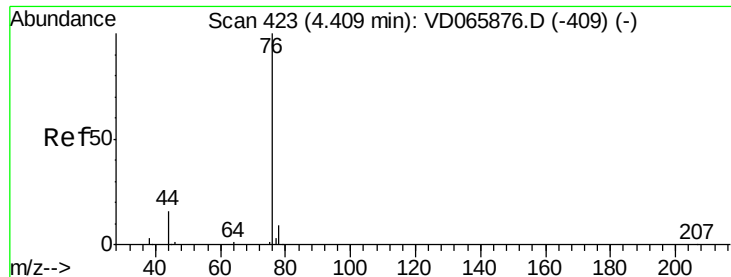
Tgt Ion: 43 Resp: 37374

Ion Ratio Lower Upper

43 100

58 27.2 19.5 29.3





#17

Carbon Disulfide

Concen: 20.401 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

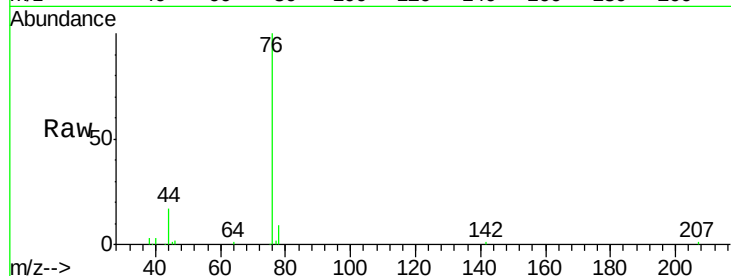
VD0629SBS01

Tot Ion: 76 Resp: 119962

Ion Ratio Lower Upper

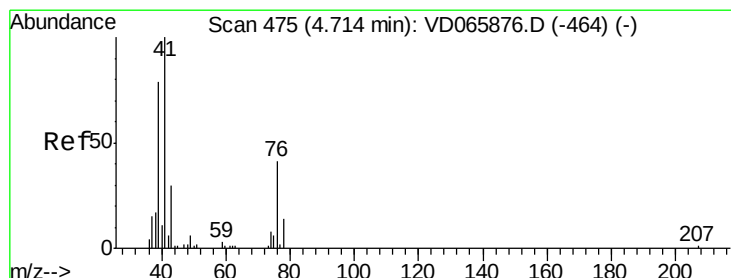
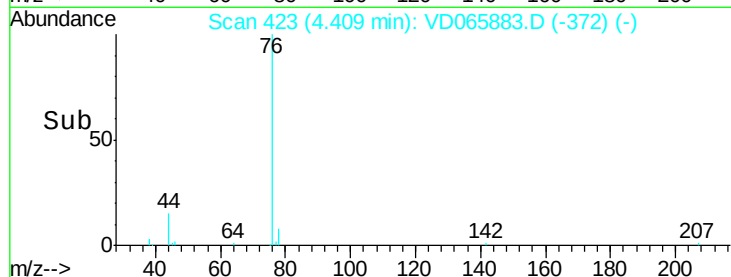
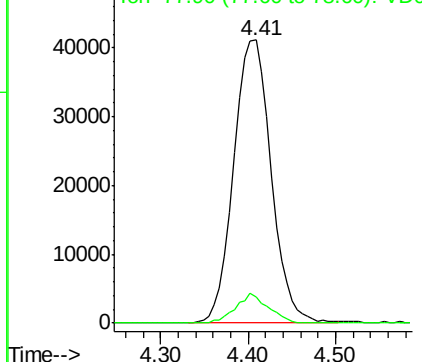
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 19.038 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065883.D

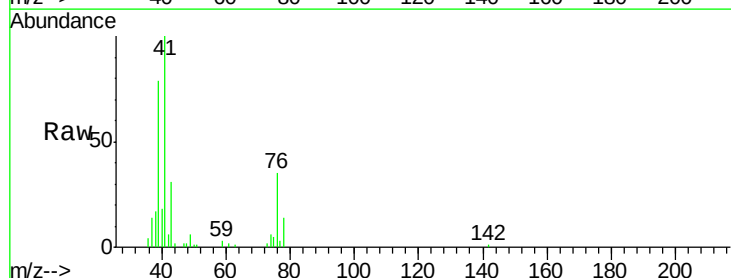
Acq: 29 Jun 2020 13:47

Tgt Ion: 43 Resp: 15322

Ion Ratio Lower Upper

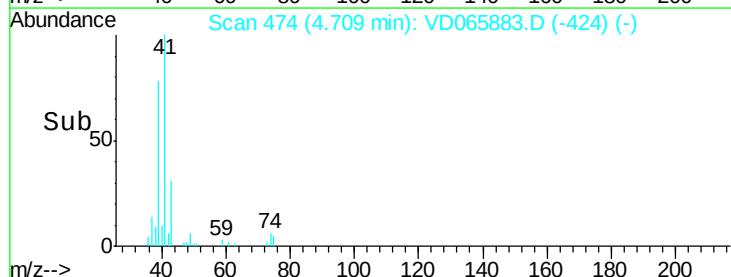
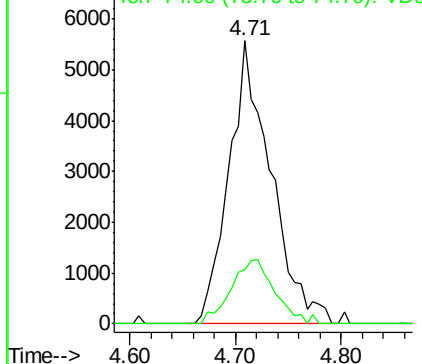
43 100

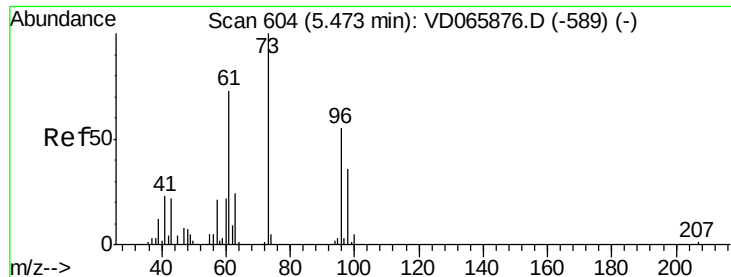
74 23.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

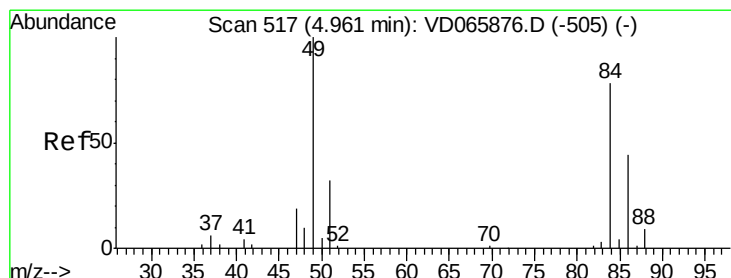
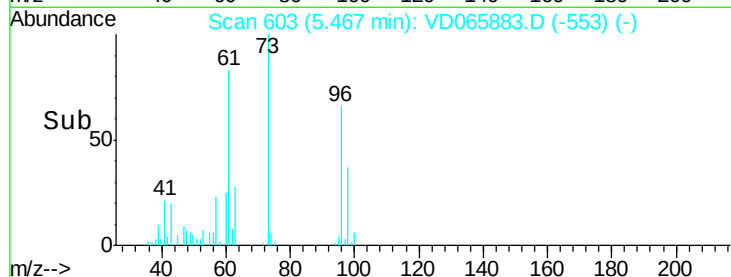
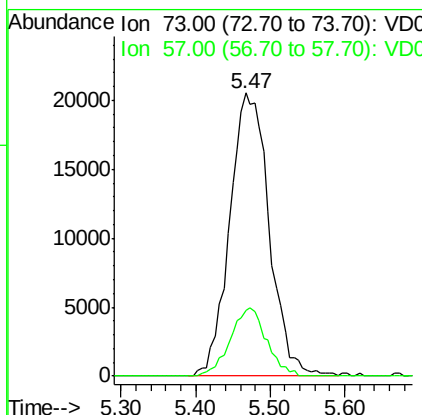
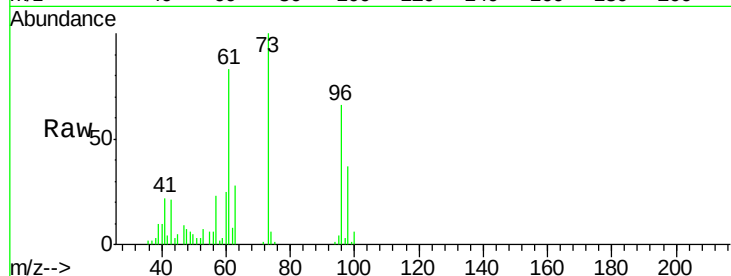




#19
Methyl tert-butyl Ether
Concen: 19.772 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

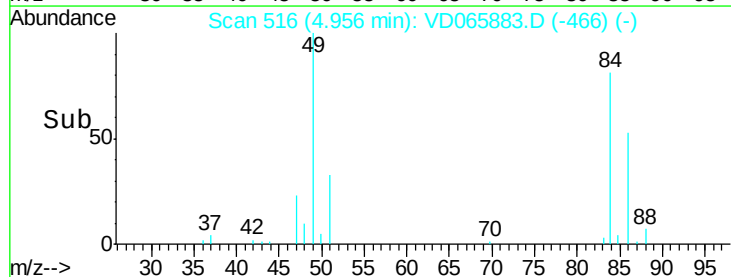
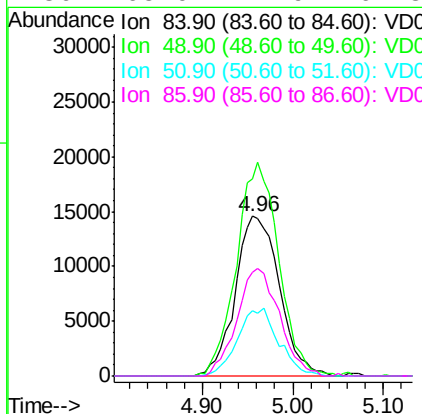
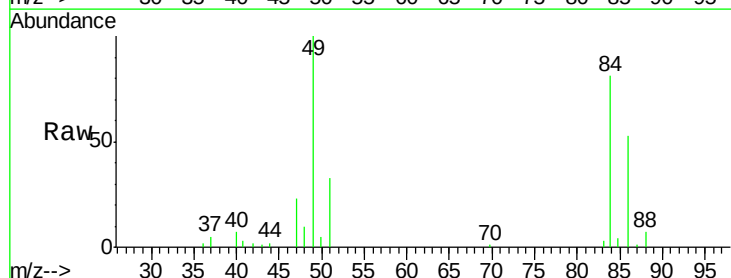
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

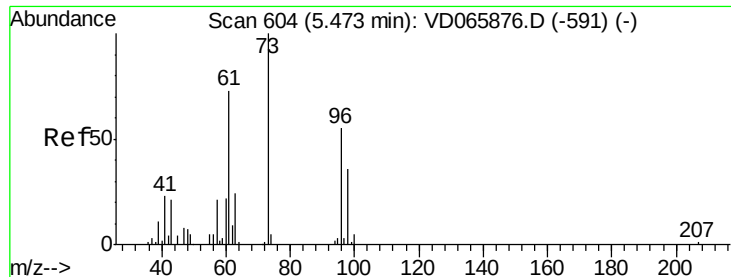
Tot Ion: 73 Resp: 75458
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.4



#20
Methylene Chloride
Concen: 23.198 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 84 Resp: 49423
Ion Ratio Lower Upper
84 100
49 123.5 103.0 154.6
51 40.7 32.7 49.1
86 65.0 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 19.964 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

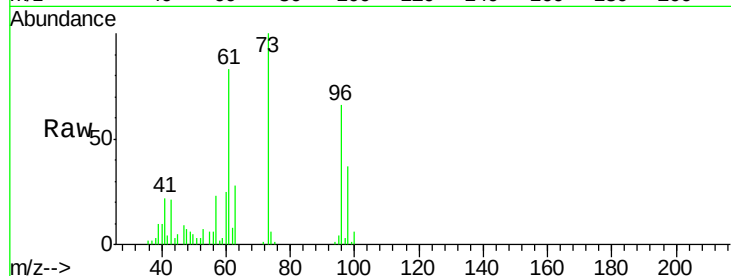
Tot Ion: 96 Resp: 39789

Ion Ratio Lower Upper

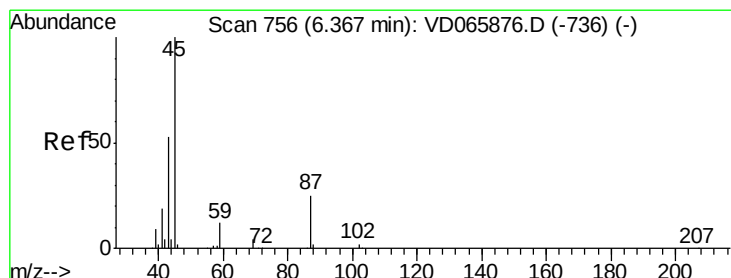
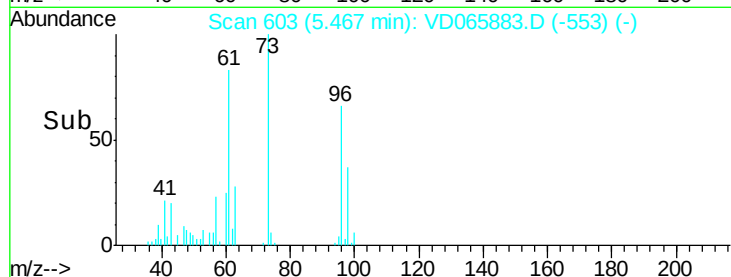
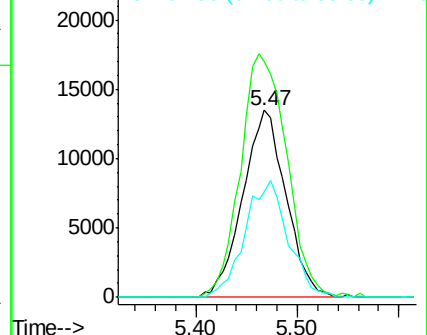
96 100

61 126.1 107.0 160.4

98 56.0 52.2 78.2



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



#22

Diisopropyl ether

Concen: 19.955 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Tgt Ion: 45 Resp: 114258

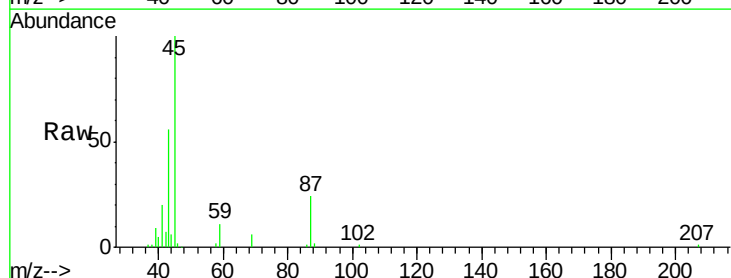
Ion Ratio Lower Upper

45 100

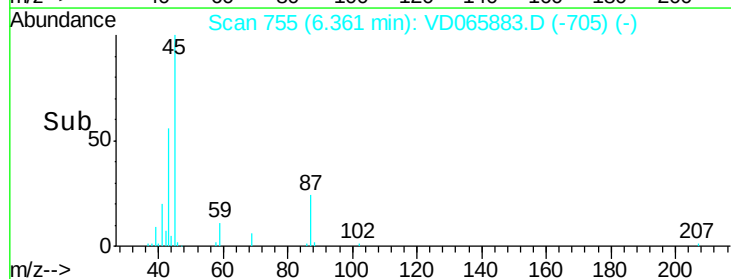
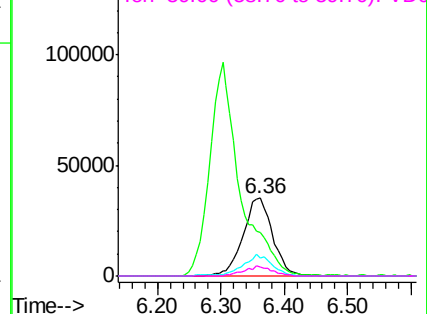
43 55.1 43.4 65.0

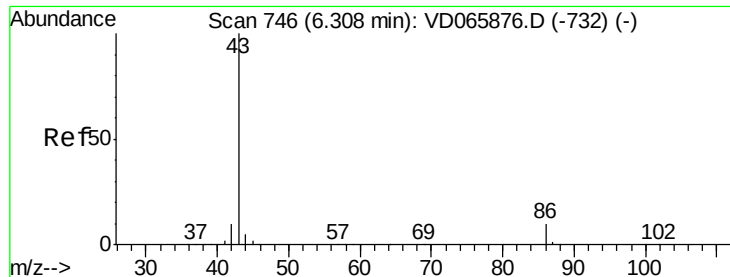
87 23.8 19.8 29.8

59 10.9 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 97.224 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleID :

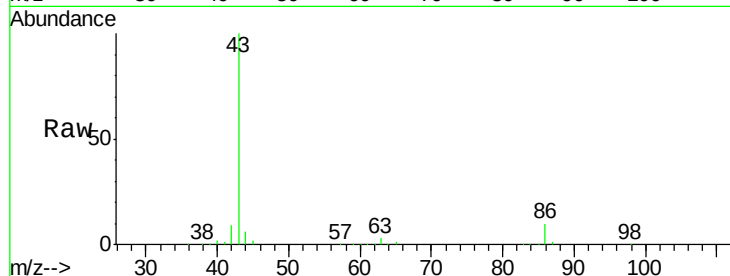
VD0629SBS01

Tot Ion: 43 Resp: 321746

Ion Ratio Lower Upper

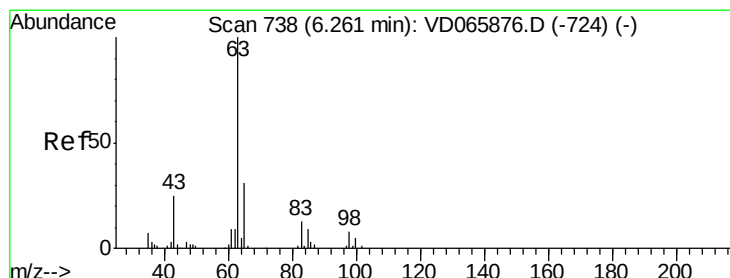
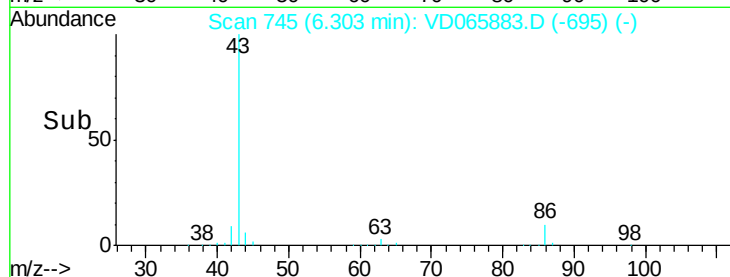
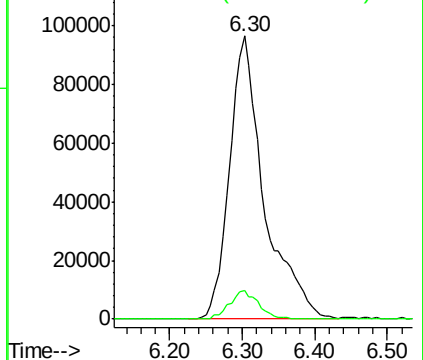
43 100

86 10.1 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.743 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

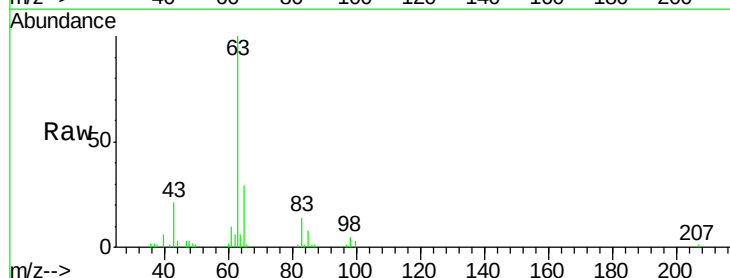
Tgt Ion: 63 Resp: 67440

Ion Ratio Lower Upper

63 100

98 5.2 3.8 11.4

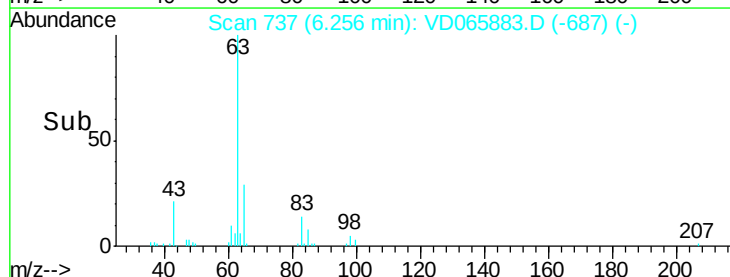
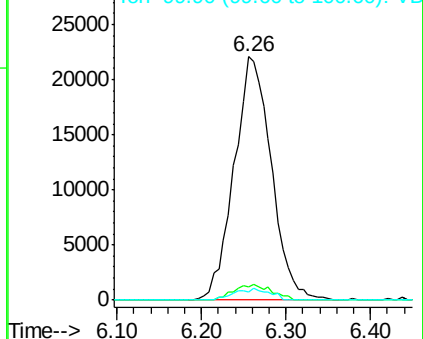
100 3.1 2.4 7.2

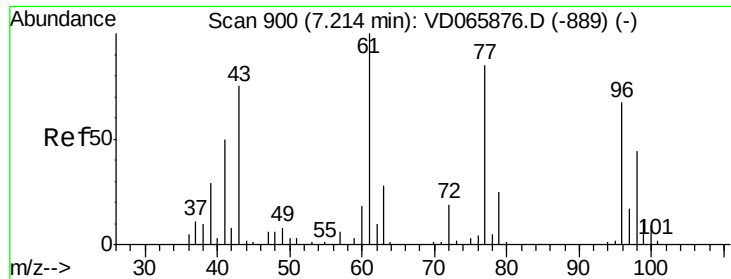


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

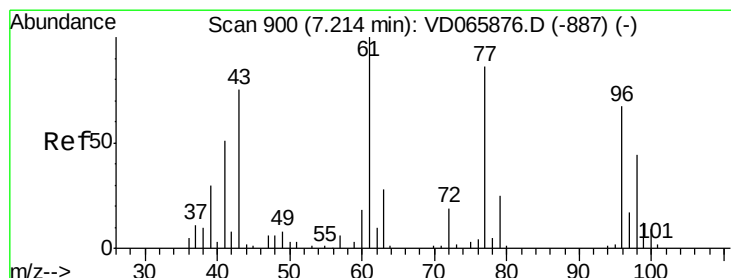
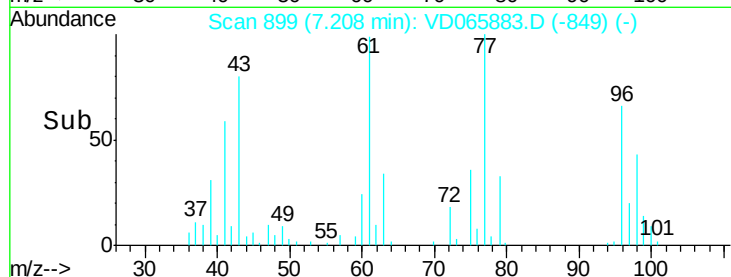
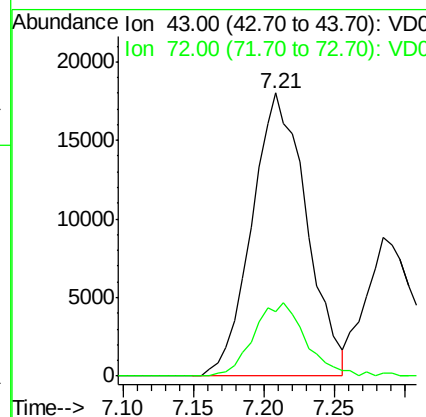
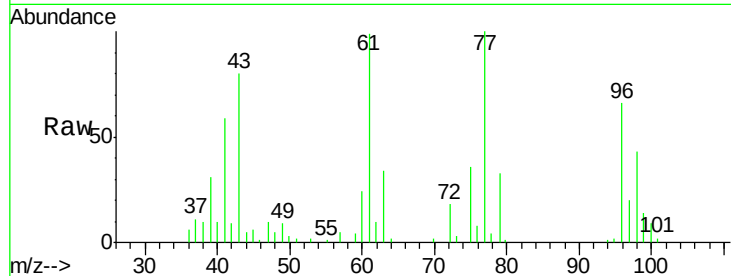




#25
2-Butanone
Concen: 100.681 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

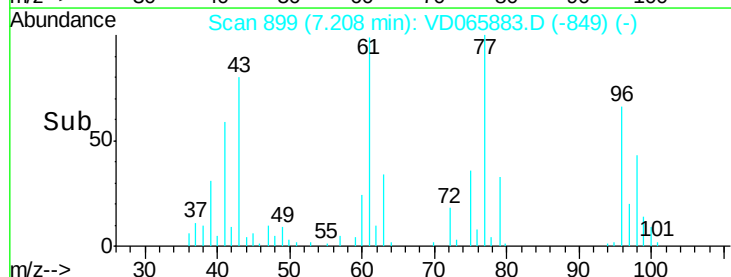
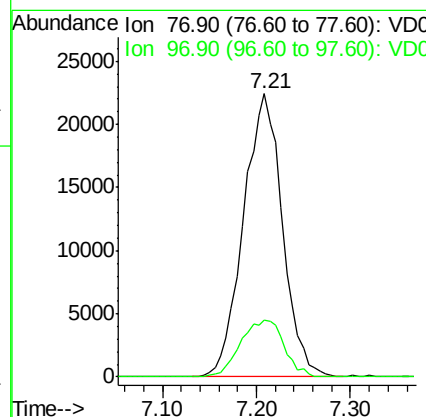
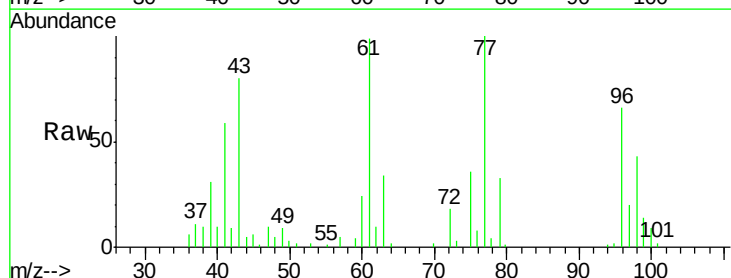
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

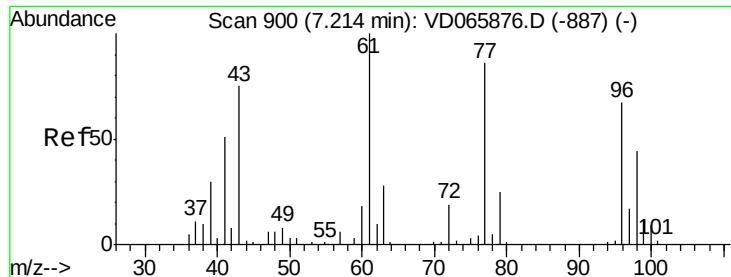
Tot Ion: 43 Resp: 48768
Ion Ratio Lower Upper
43 100
72 22.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 20.515 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 77 Resp: 64309
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3



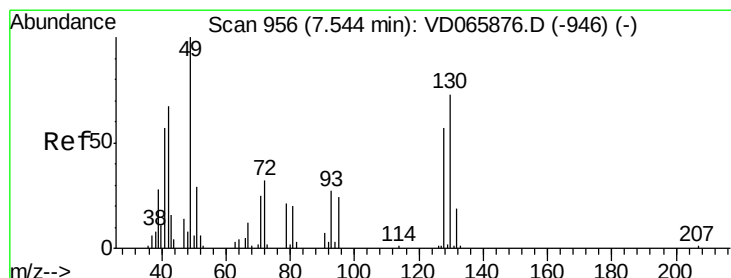
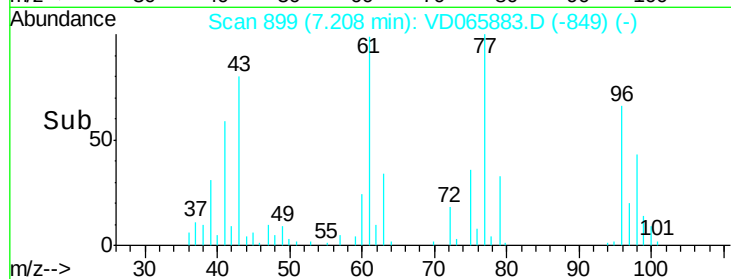
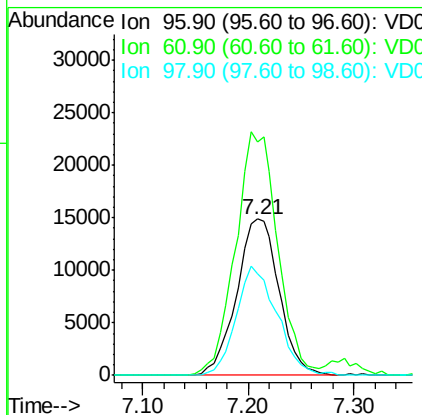
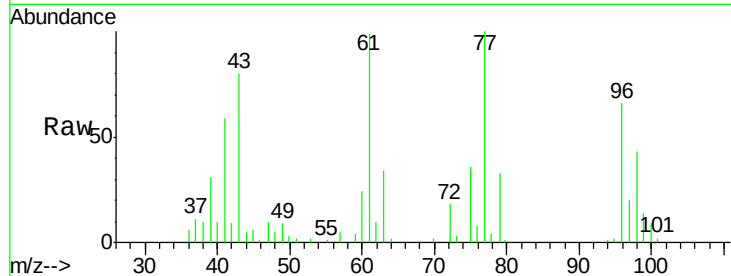


#27

cis-1,2-Dichloroethene
 Concen: 18.801 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

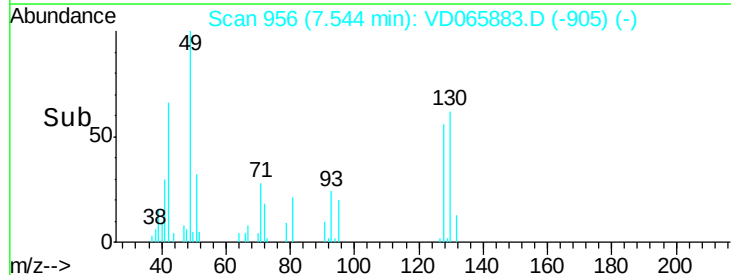
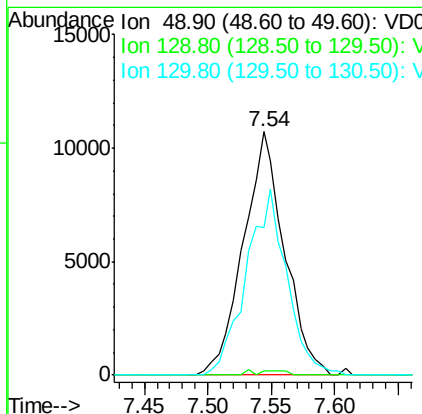
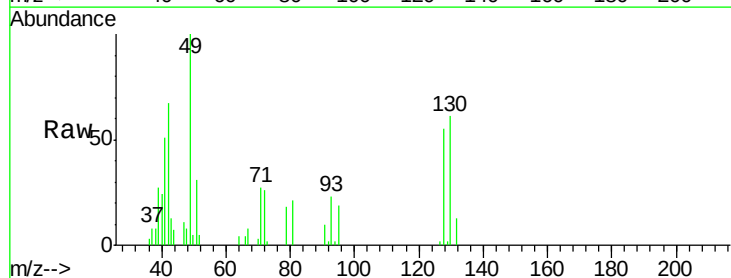
Tot Ion: 96 Resp: 41459
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 297.8
 98 66.9 0.0 129.8

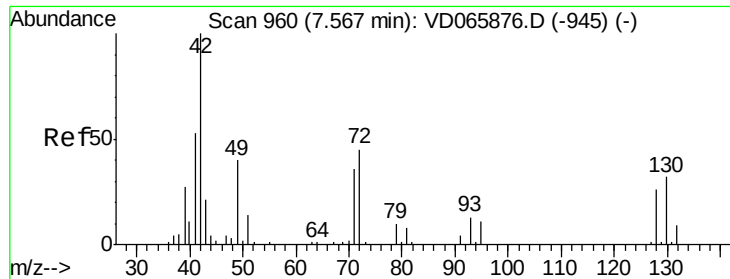


#28

Bromochloromethane
 Concen: 18.854 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion: 49 Resp: 24203
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.4
 130 75.3 61.0 91.6

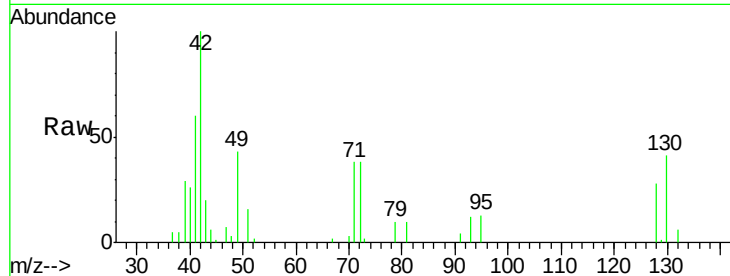




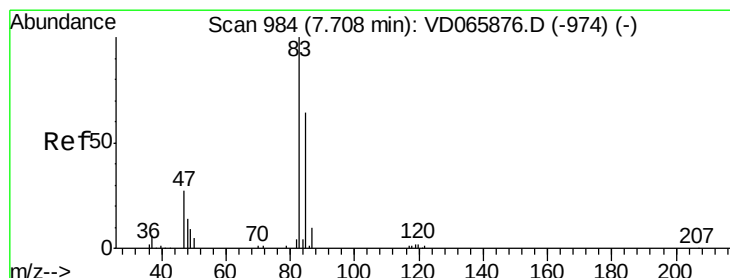
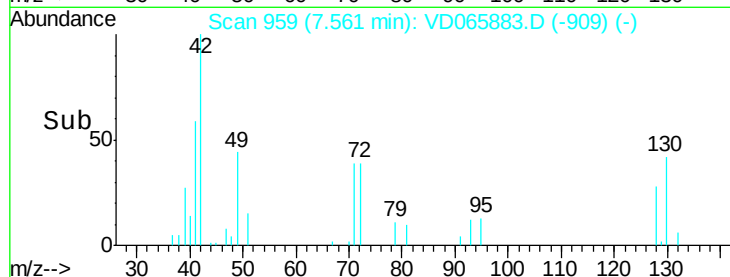
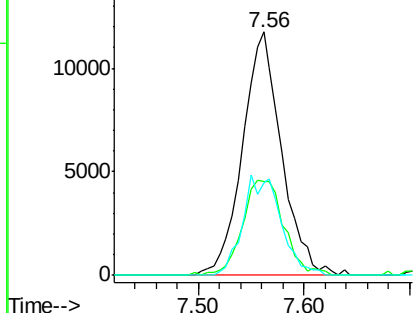
#29
Tetrahydrofuran
Concen: 97.765 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

Tot Ion: 42 Resp: 30081
Ion Ratio Lower Upper
42 100
72 41.6 35.3 52.9
71 40.3 32.6 48.8

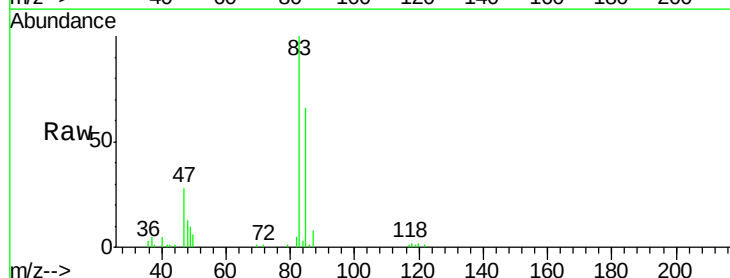


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

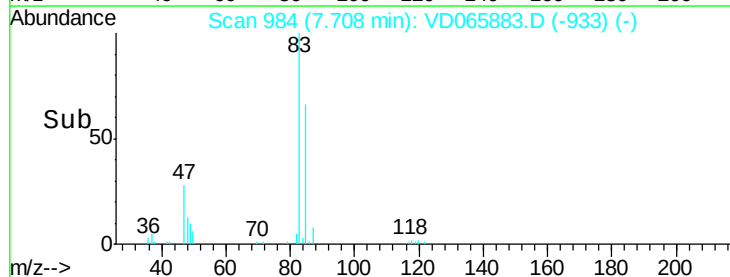
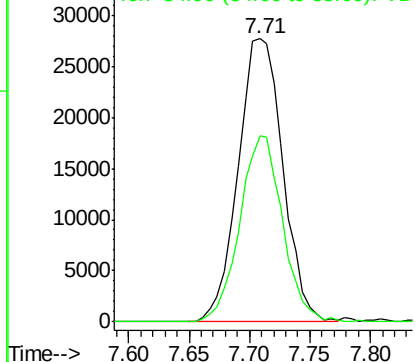


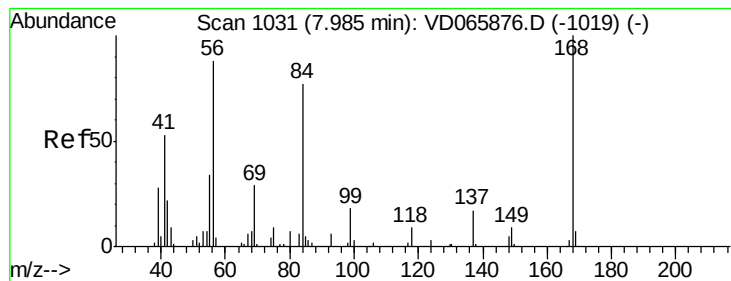
#30
Chloroform
Concen: 19.524 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 83 Resp: 71406
Ion Ratio Lower Upper
83 100
85 65.8 51.2 76.8



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





#31

Cyclohexane

Concen: 20.452 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

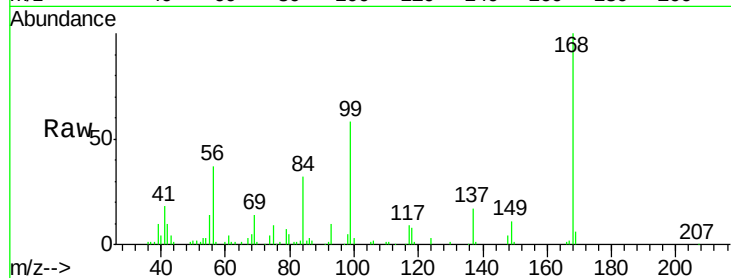
Tot Ion: 56 Resp: 67870

Ion Ratio Lower Upper

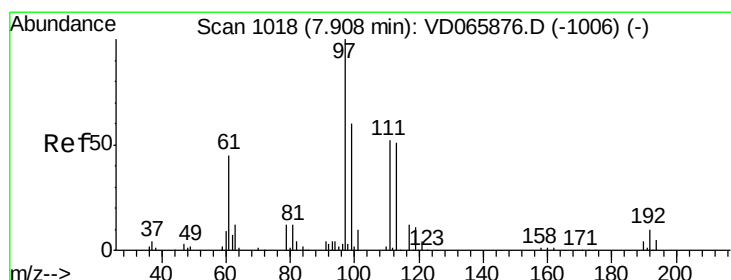
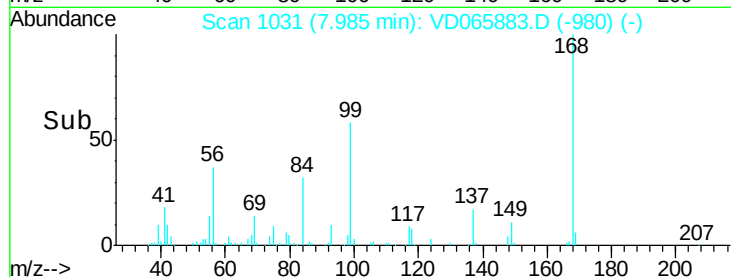
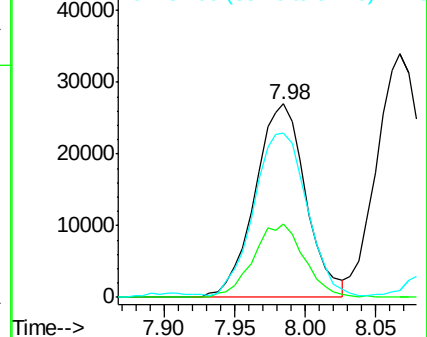
56 100

69 38.1 26.2 39.4

84 83.6 70.3 105.5



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: 20.542 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

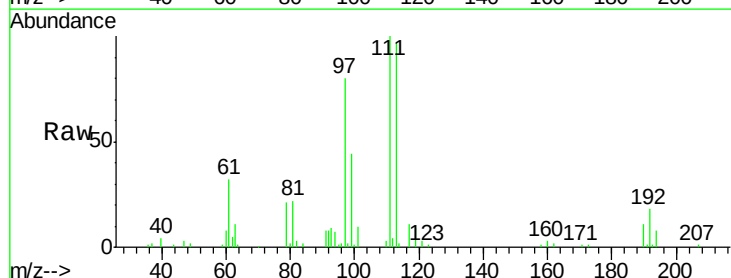
Tgt Ion: 97 Resp: 68942

Ion Ratio Lower Upper

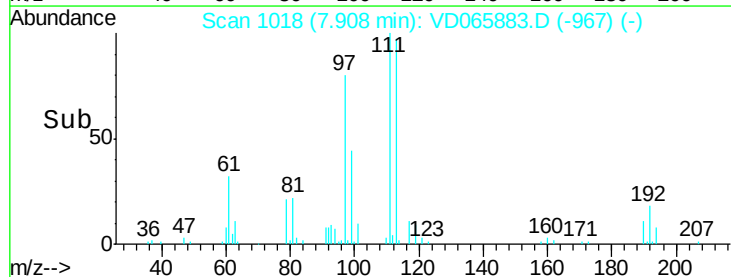
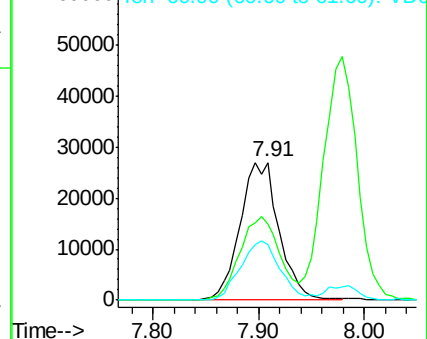
97 100

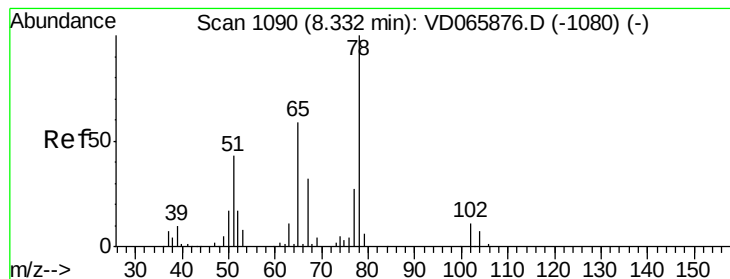
99 62.8 50.2 75.4

61 43.3 36.0 54.0



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: 46.769 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

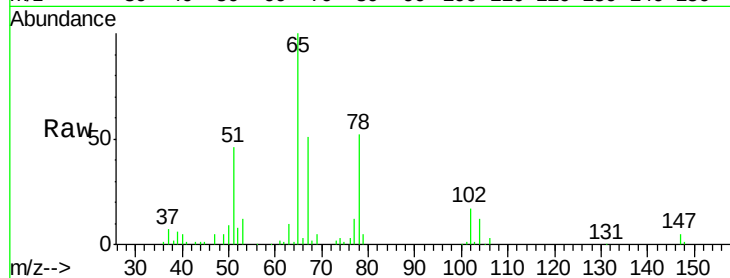
VD0629SBS01

Tot Ion: 65 Resp: 86642

Ion Ratio Lower Upper

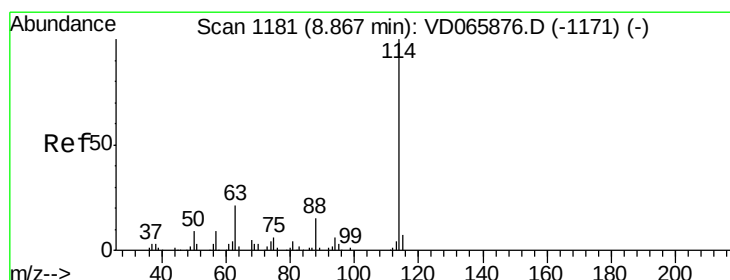
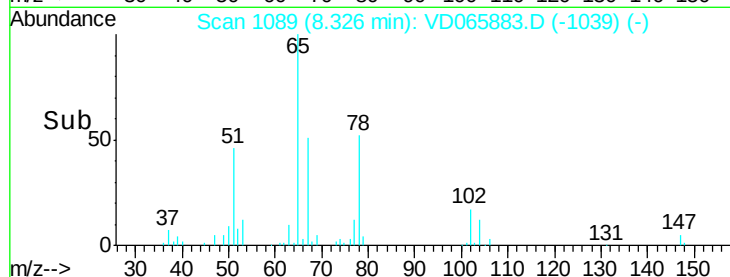
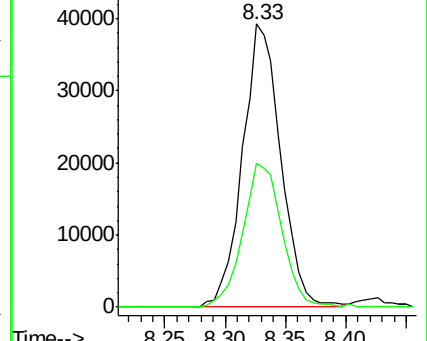
65 100

67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

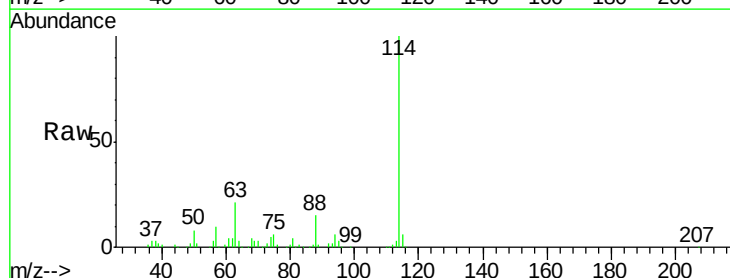
Tgt Ion: 114 Resp: 286600

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

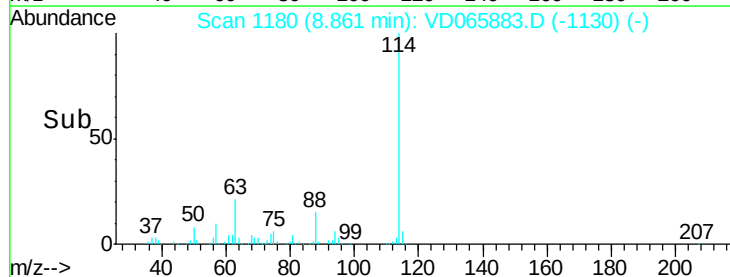
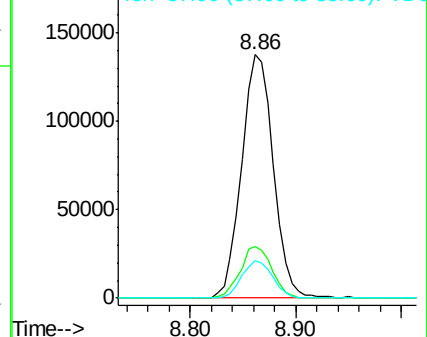
88 15.5 0.0 29.0

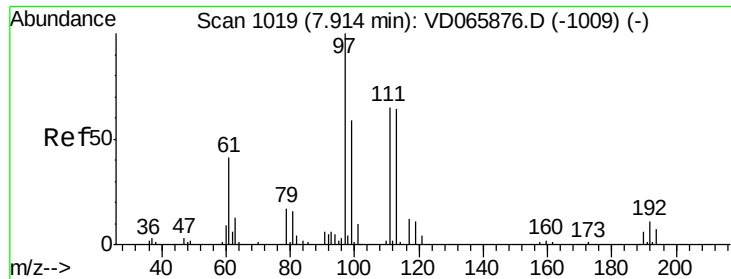


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

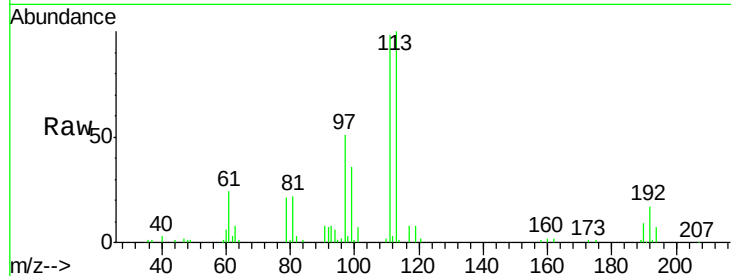




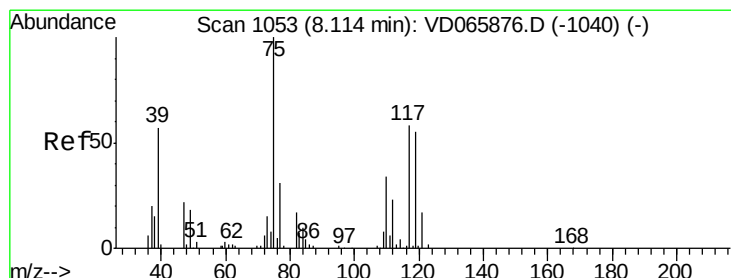
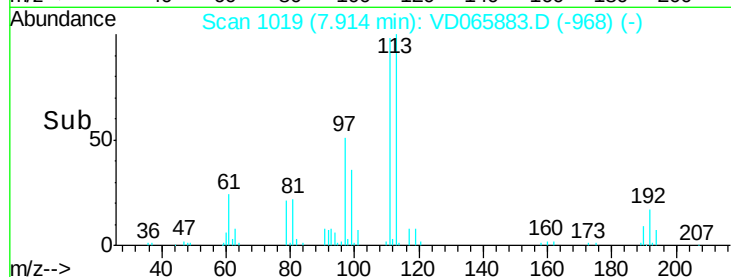
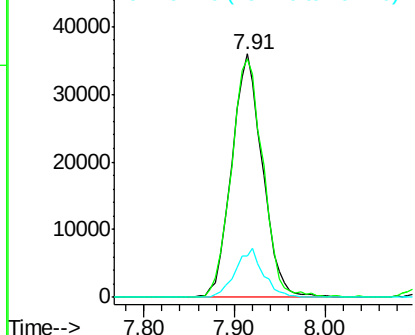
#35
Dibromofluoromethane
Concen: 47.870 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

Tot Ion:113 Resp: 84801
Ion Ratio Lower Upper
113 100
111 101.2 81.0 121.6
192 18.1 15.2 22.8

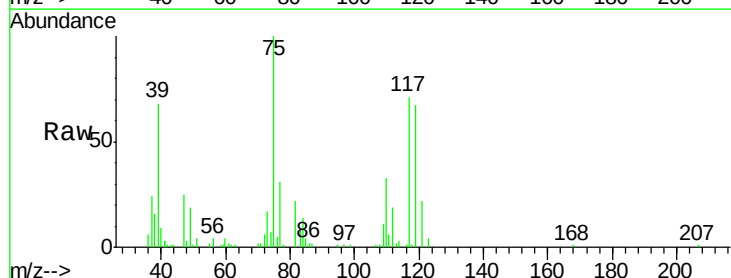


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

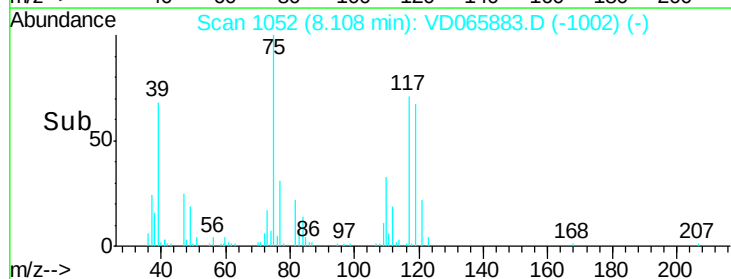
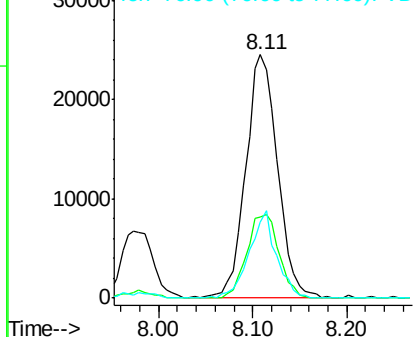


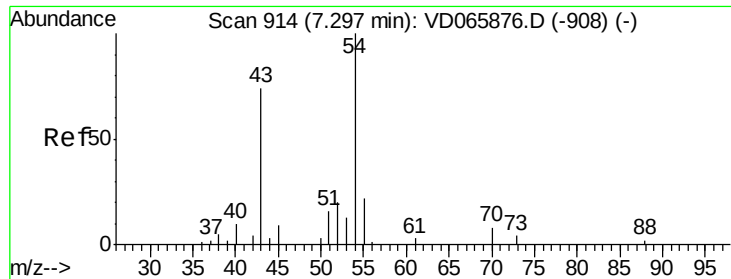
#36
1,1-Dichloropropene
Concen: 20.552 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 75 Resp: 57437
Ion Ratio Lower Upper
75 100
110 34.6 16.8 50.4
77 30.5 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VDC

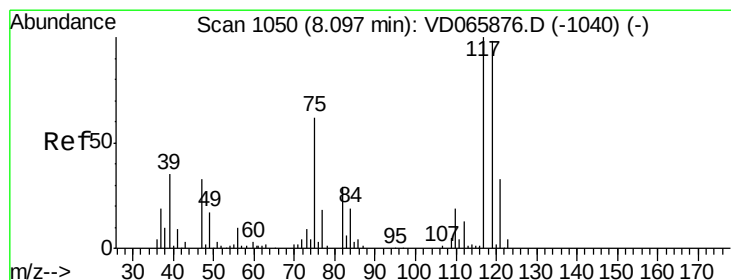
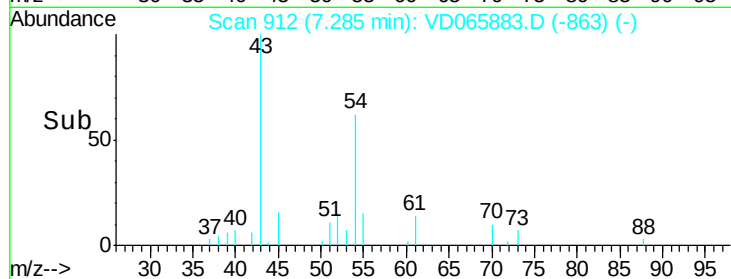
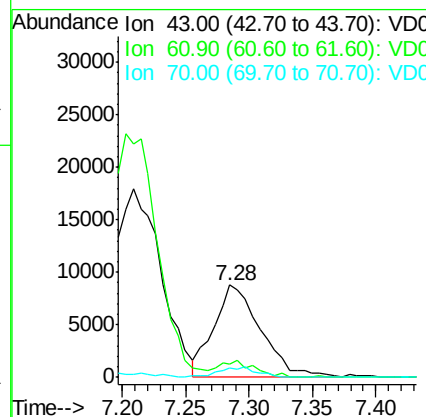
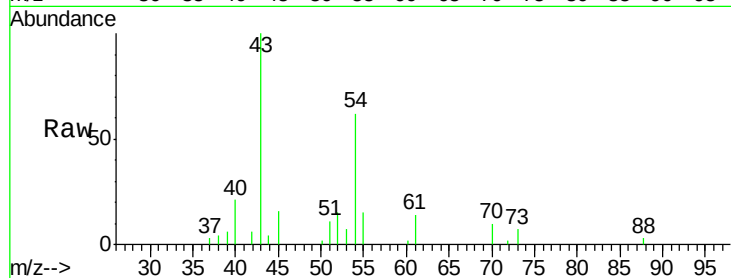




#37
Ethyl Acetate
Concen: 21.242 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

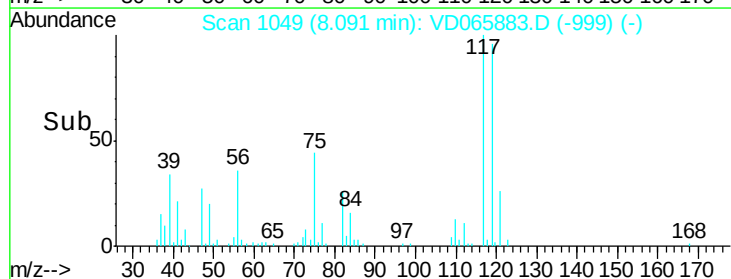
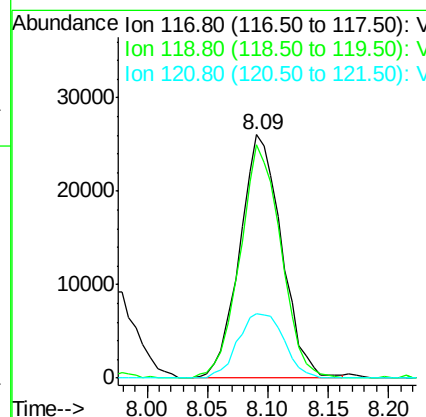
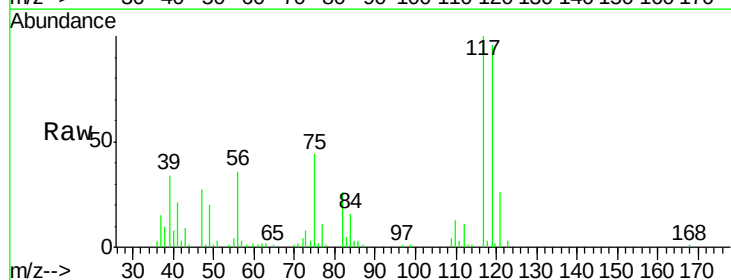
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

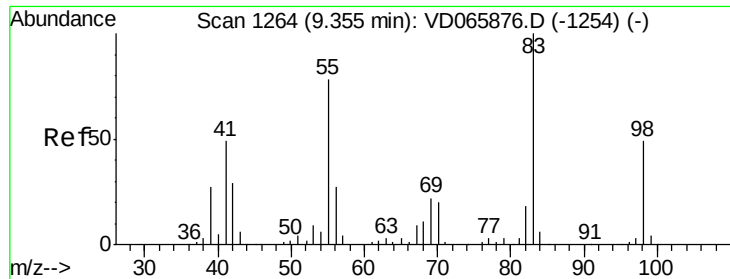
Tot Ion: 43 Resp: 22699
Ion Ratio Lower Upper
43 100
61 13.6 0.0 0.0#
70 9.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.890 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 117 Resp: 63042
Ion Ratio Lower Upper
117 100
119 95.7 78.6 117.8
121 26.2 26.5 39.7#

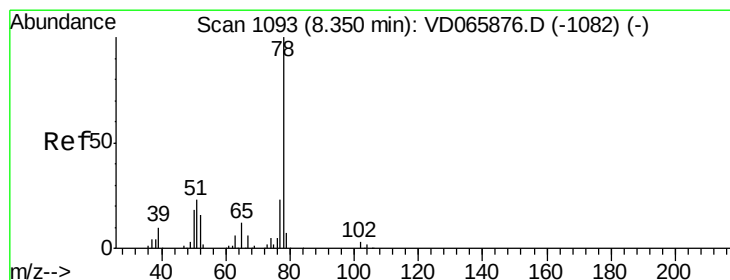
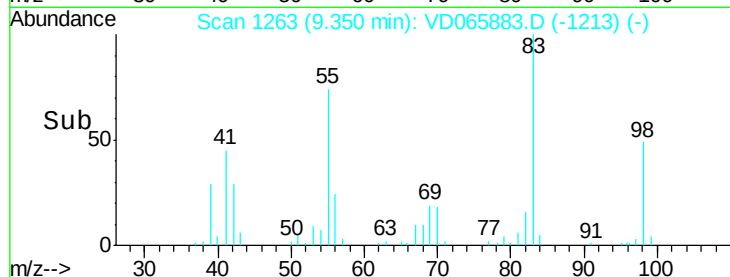
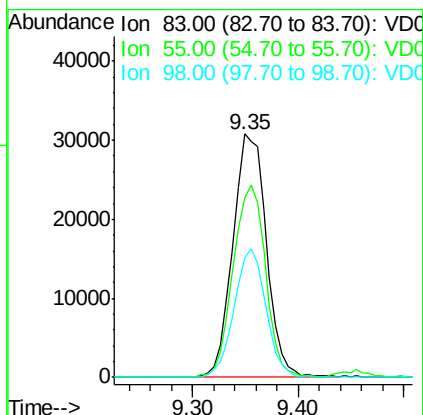
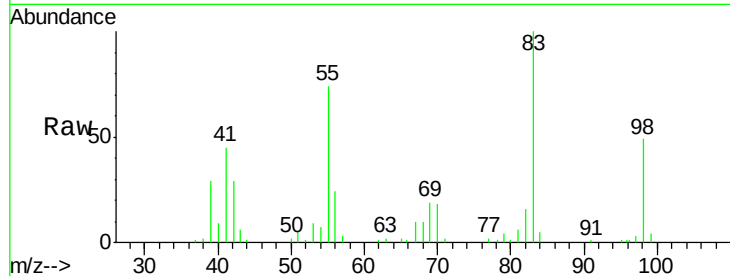




#39
Methylvlcyclohexane
Concen: 20.404 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

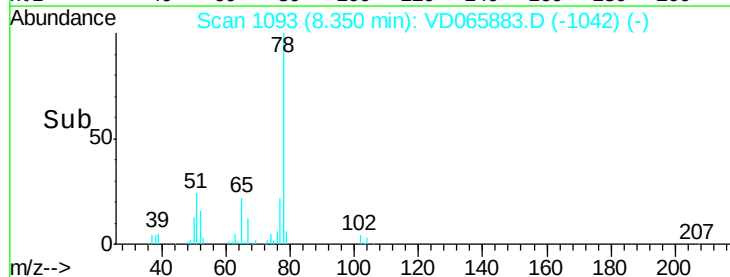
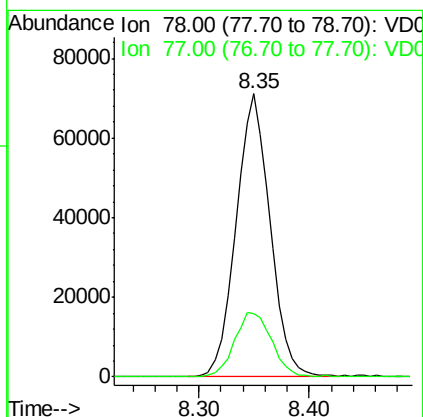
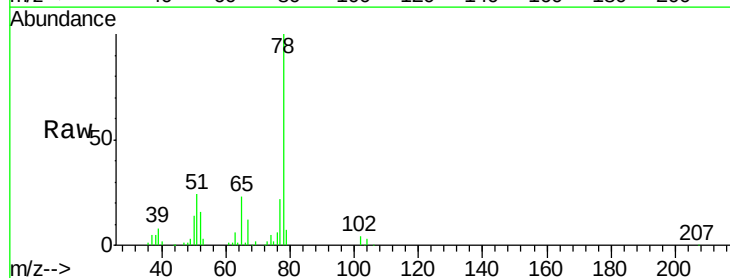
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

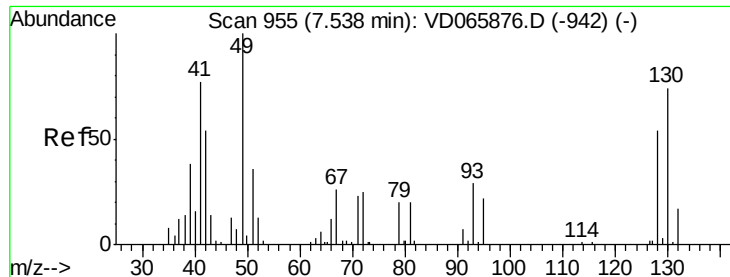
Tot Ion: 83 Resp: 67754
Ion Ratio Lower Upper
83 100
55 73.9 62.2 93.4
98 48.9 39.6 59.4



#40
Benzene
Concen: 19.847 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 78 Resp: 153886
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2





#41

Methacrylonitrile

Concen: 22.988 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

Tot Ion: 41 Resp: 13477

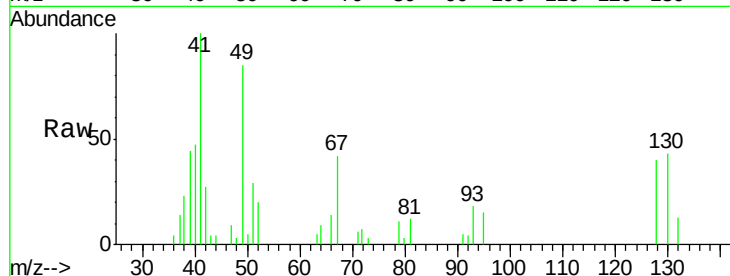
Ion Ratio Lower Upper

41 100

39 55.2 82.7 124.1#

67 62.5 0.0 0.0#

52 28.2 0.0 0.0#

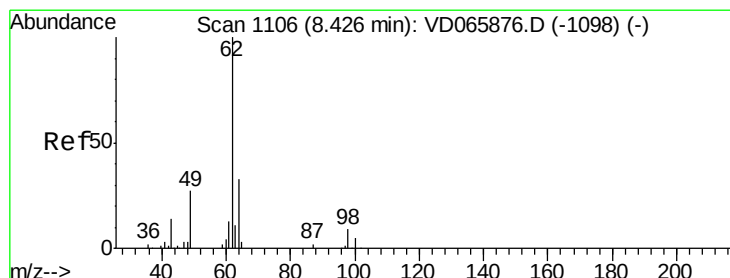
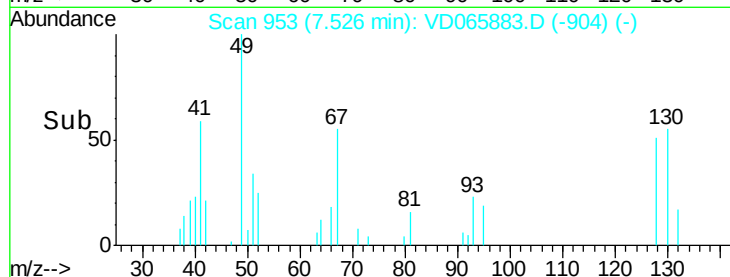
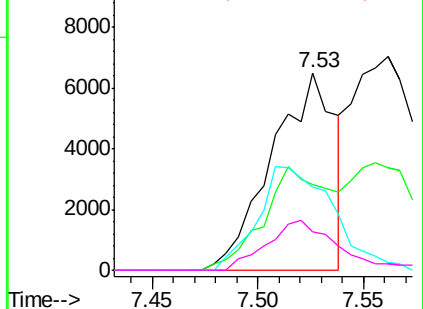


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 20.304 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD065883.D

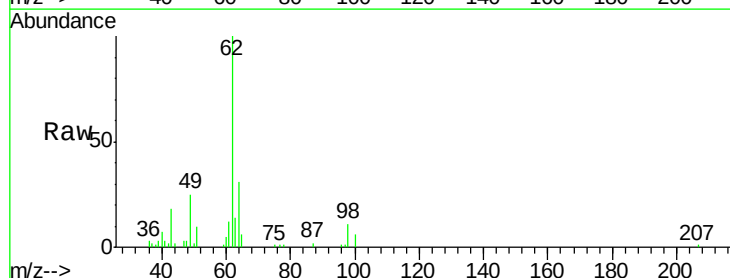
Acq: 29 Jun 2020 13:47

Tgt Ion: 62 Resp: 46442

Ion Ratio Lower Upper

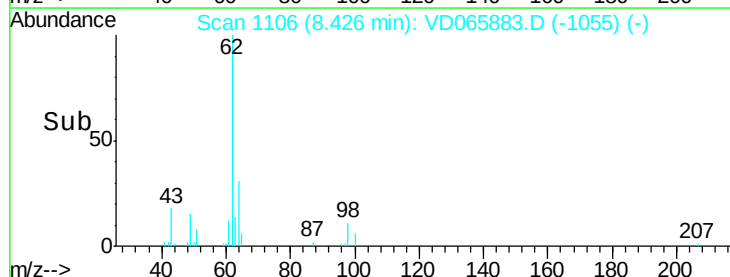
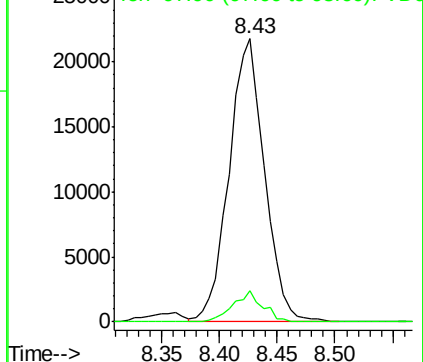
62 100

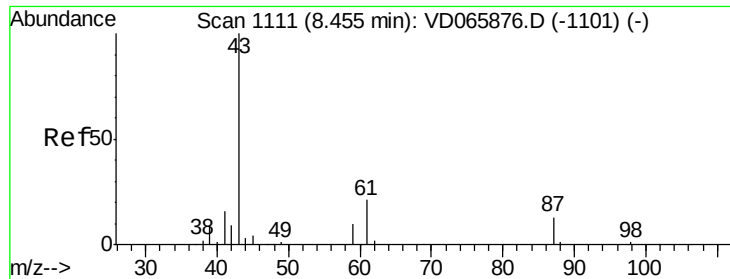
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.617 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

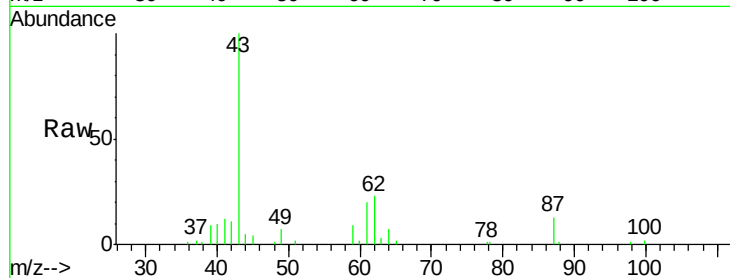
Tot Ion: 43 Resp: 42691

Ion Ratio Lower Upper

43 100

61 28.3 25.2 37.8

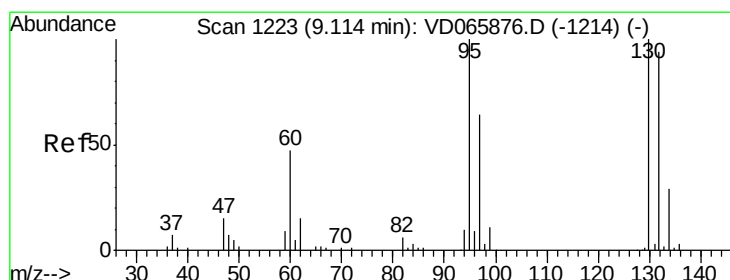
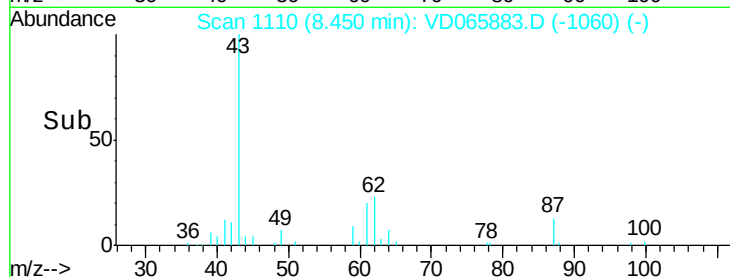
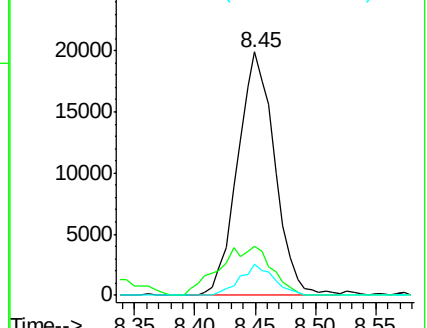
87 11.5 10.4 15.6



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: 19.624 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065883.D

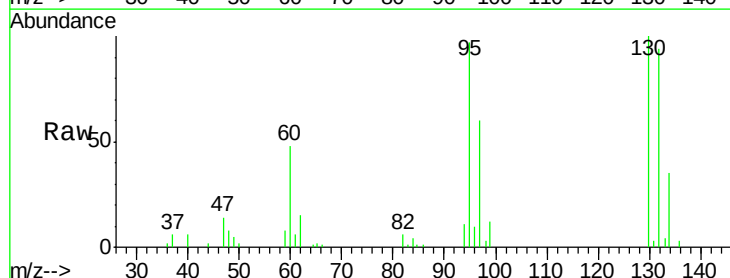
Acq: 29 Jun 2020 13:47

Tgt Ion:130 Resp: 41219

Ion Ratio Lower Upper

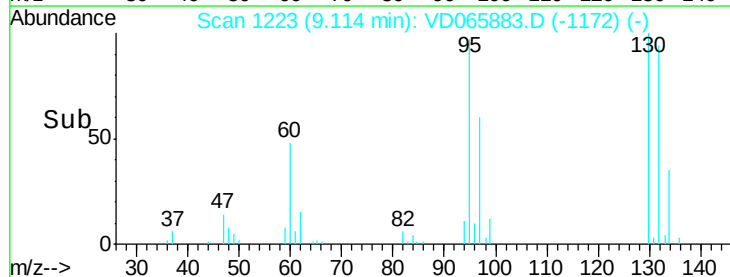
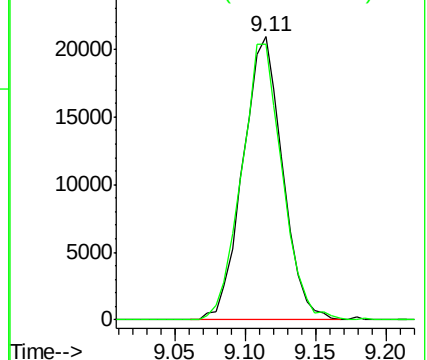
130 100

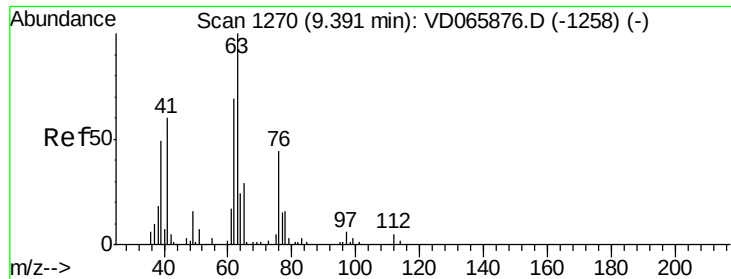
95 97.4 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.416 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

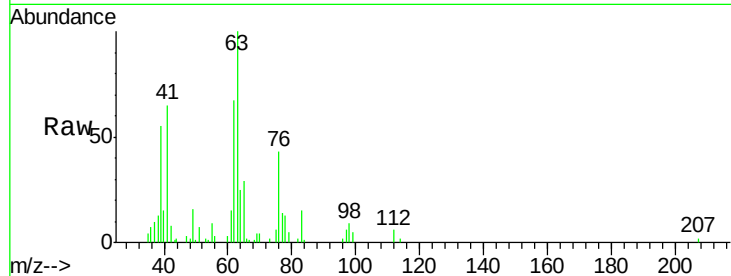
VD0629SBS01

Tot Ion: 63 Resp: 37918

Ion Ratio Lower Upper

63 100

65 29.3 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

20000

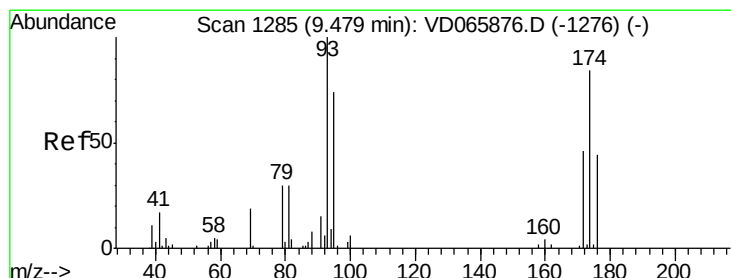
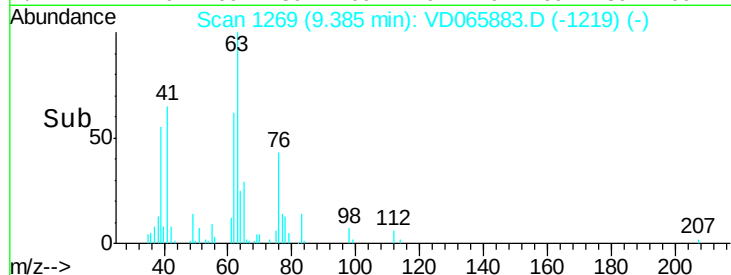
15000

10000

5000

0

Time--> 9.30 9.35 9.40 9.45



#46

Dibromomethane

Concen: 19.273 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

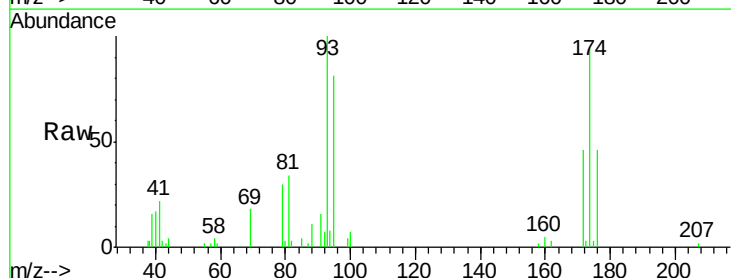
Tgt Ion: 93 Resp: 19843

Ion Ratio Lower Upper

93 100

95 80.3 65.4 98.0

174 91.3 75.2 112.8



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): VDC

9.48

12000

10000

8000

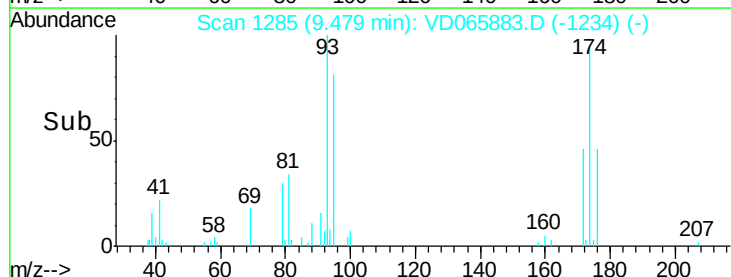
6000

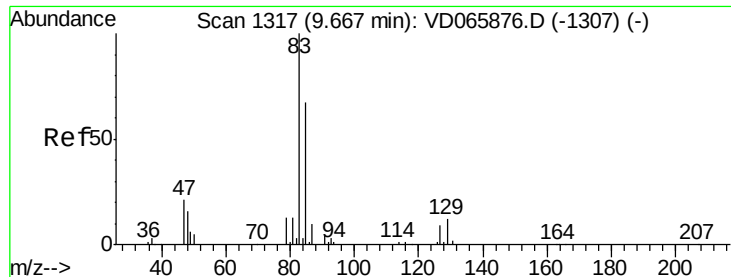
4000

2000

0

Time--> 9.40 9.45 9.50 9.55





#47

Bromodichloromethane

Concen: 20.246 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

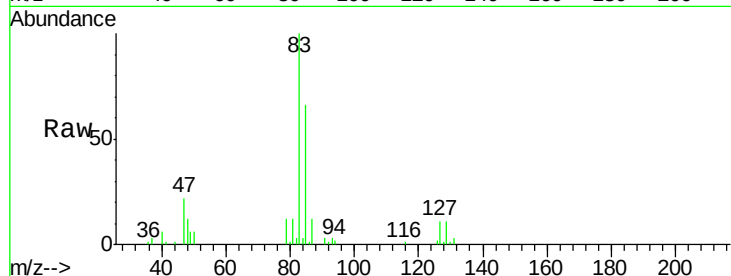
Tot Ion: 83 Resp: 55389

Ion Ratio Lower Upper

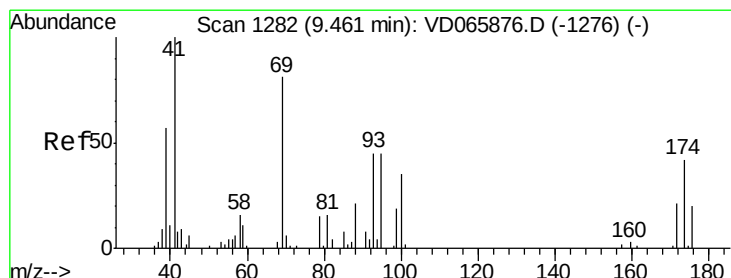
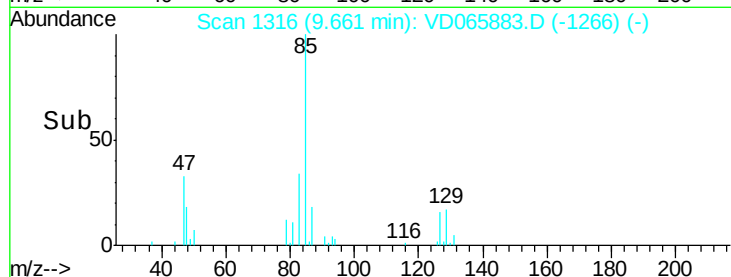
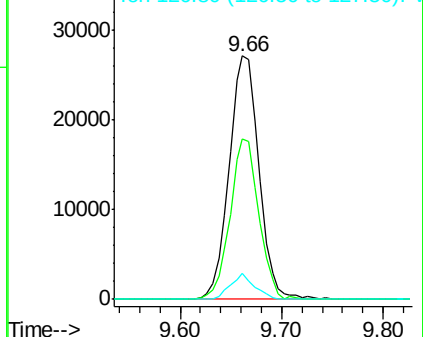
83 100

85 65.9 53.9 80.9

127 10.8 7.0 10.4#



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: 21.943 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

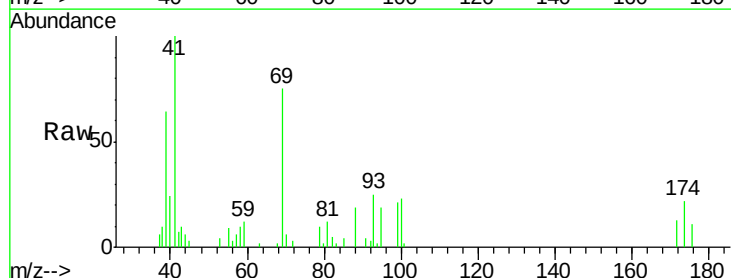
Tgt Ion: 41 Resp: 22272

Ion Ratio Lower Upper

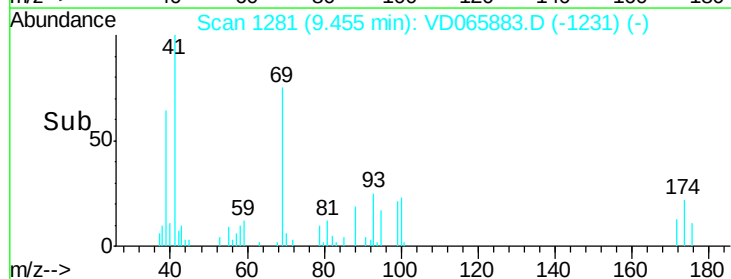
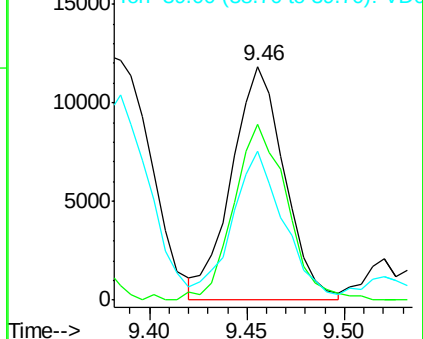
41 100

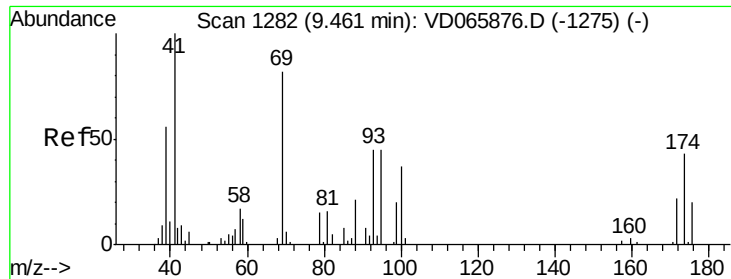
69 75.8 68.3 102.5

39 57.6 54.1 81.1



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

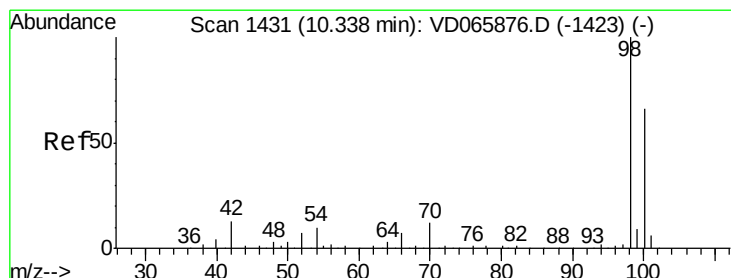
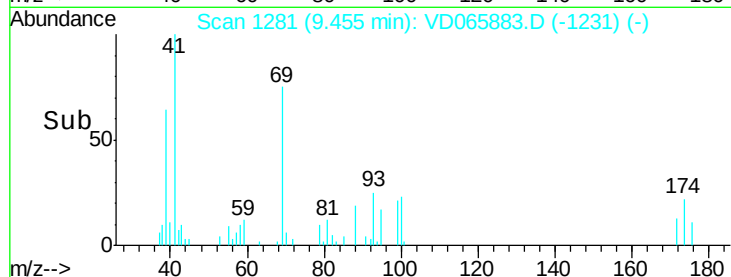
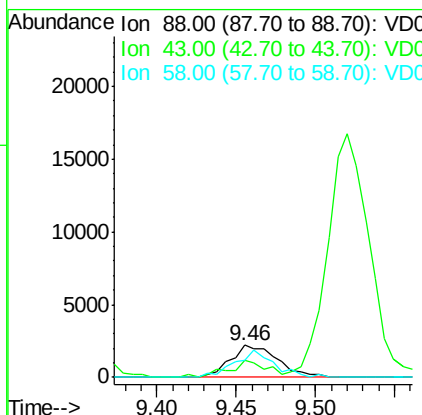
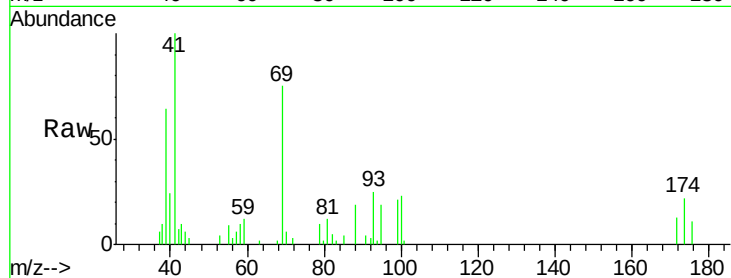




#49
1,4-Dioxane
Concen: 433.078 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

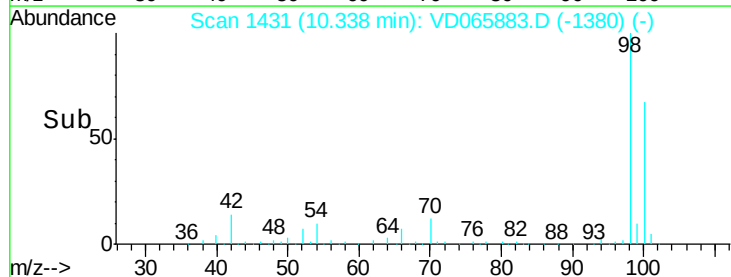
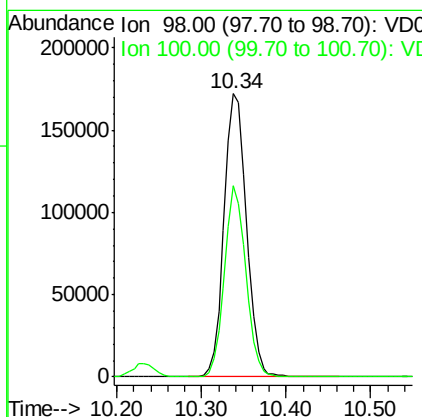
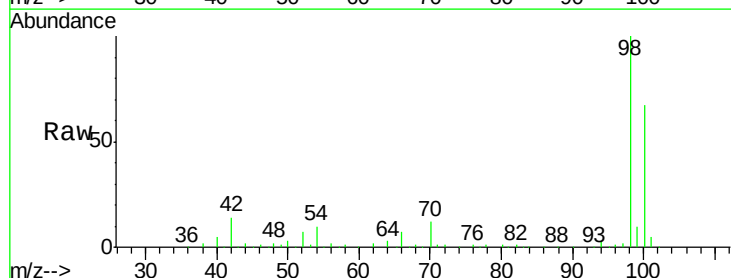
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

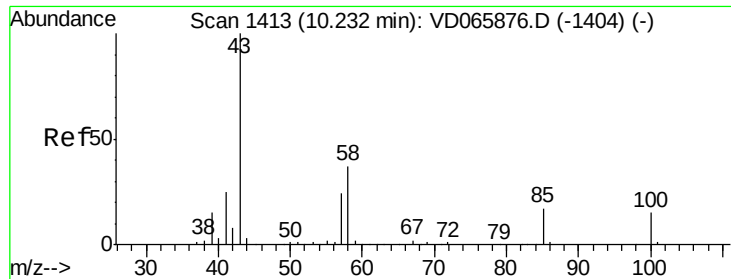
Tot Ion: 88 Resp: 4561
Ion Ratio Lower Upper
88 100
43 43.2 35.8 53.8
58 69.8 58.6 87.8



#50
Toluene-d8
Concen: 47.396 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 98 Resp: 315837
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 95.082 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

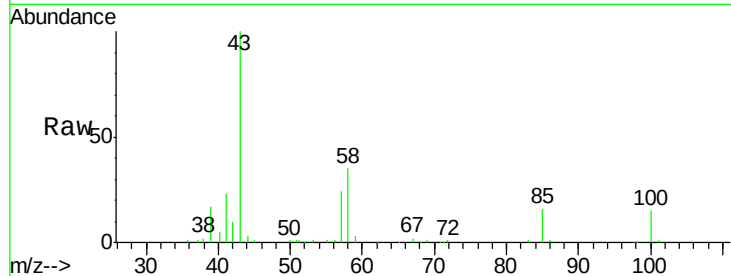
VD0629SBS01

Tot Ion: 43 Resp: 101486

Ion Ratio Lower Upper

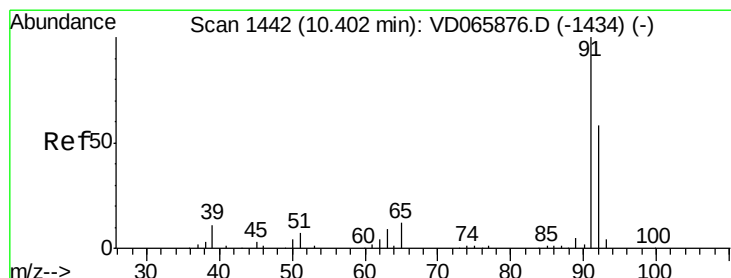
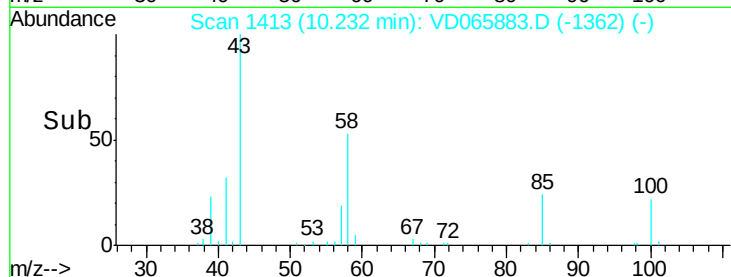
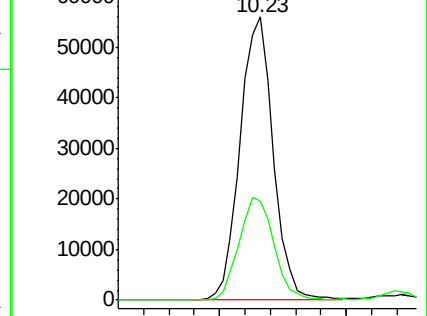
43 100

58 38.3 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 19.730 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065883.D

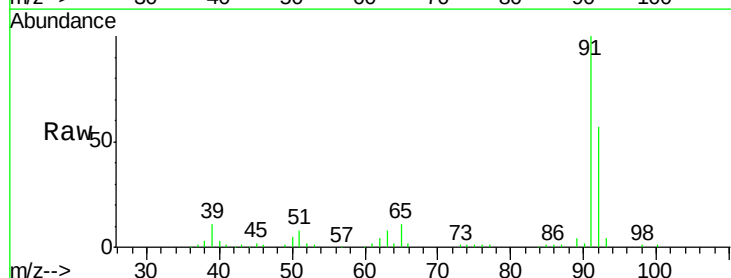
Acq: 29 Jun 2020 13:47

Tgt Ion: 92 Resp: 99460

Ion Ratio Lower Upper

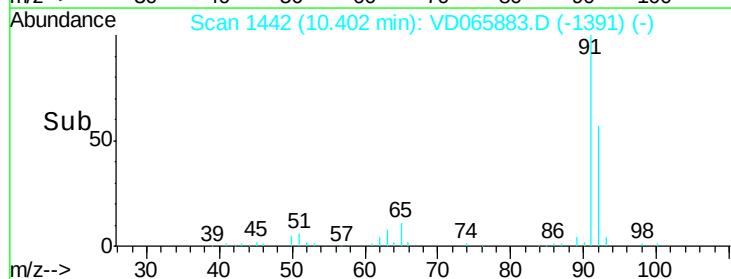
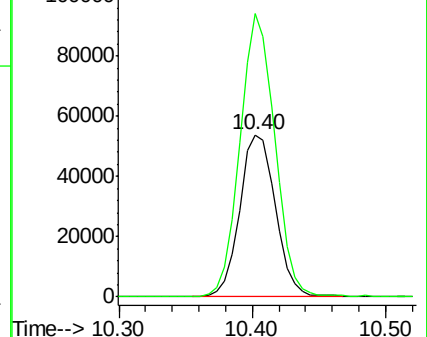
92 100

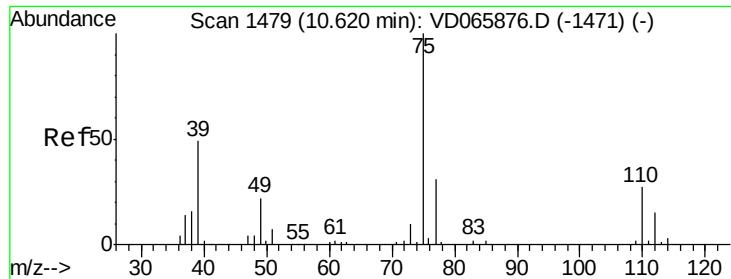
91 170.4 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.566 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

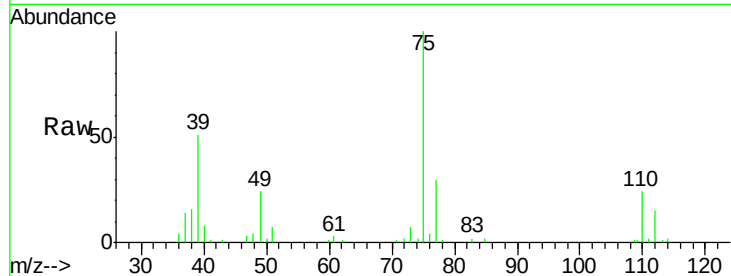
VD0629SBS01

Tot Ion: 75 Resp: 51095

Ion Ratio Lower Upper

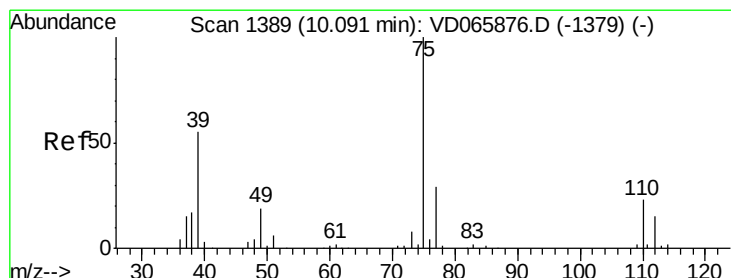
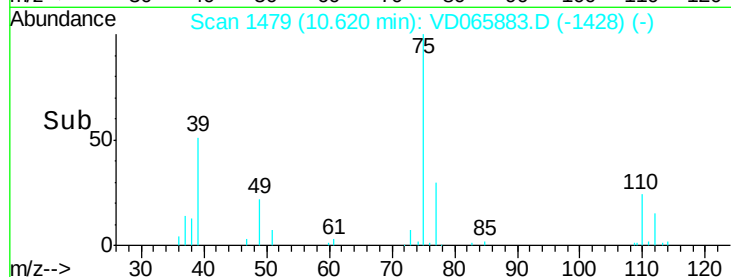
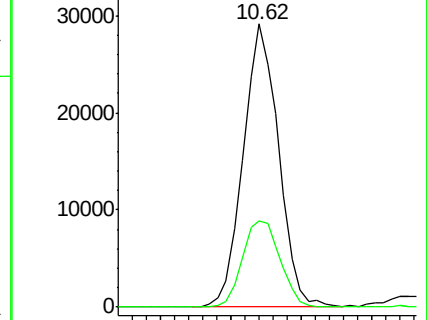
75 100

77 30.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 19.195 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

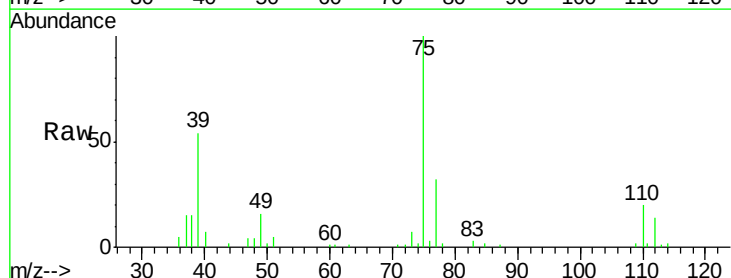
Tgt Ion: 75 Resp: 58859

Ion Ratio Lower Upper

75 100

77 31.6 23.4 35.0

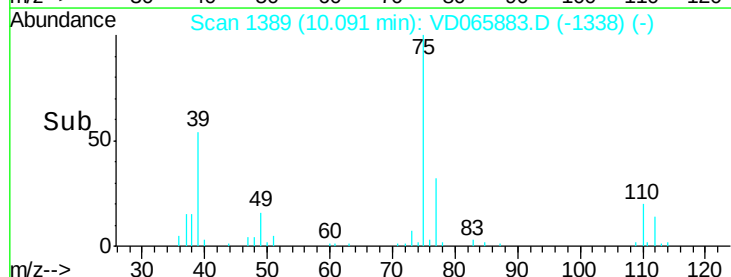
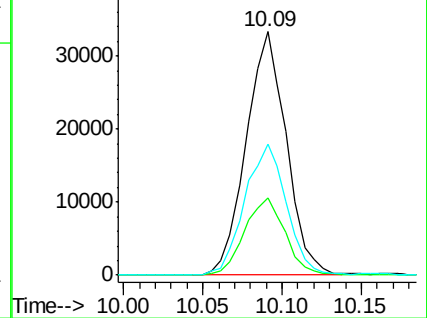
39 54.0 43.9 65.9

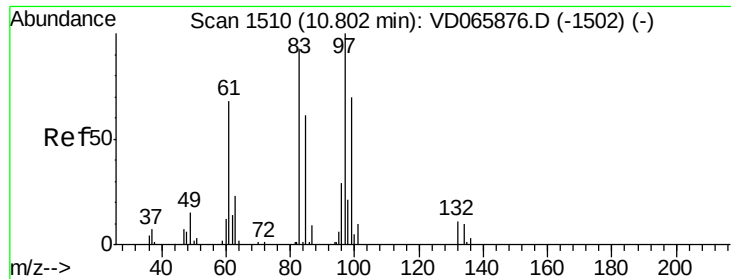


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

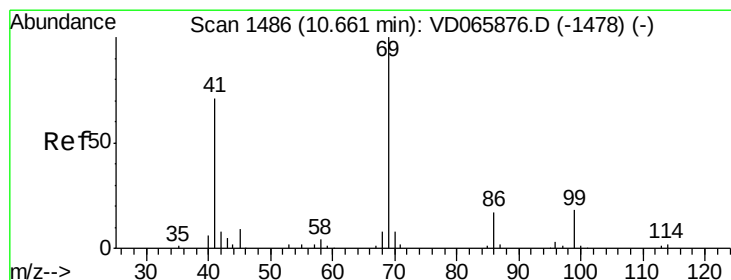
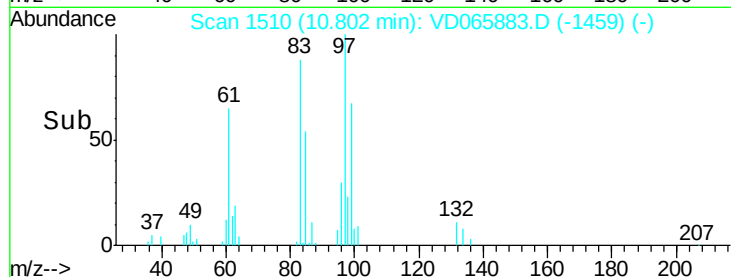
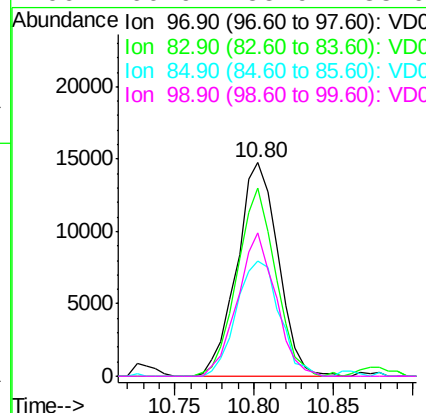
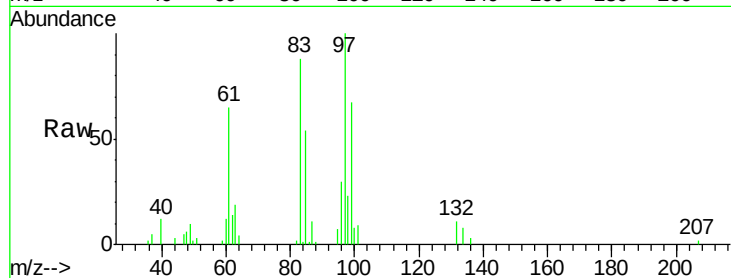




#55
 1,1,2-Trichloroethane
 Concen: 19.567 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

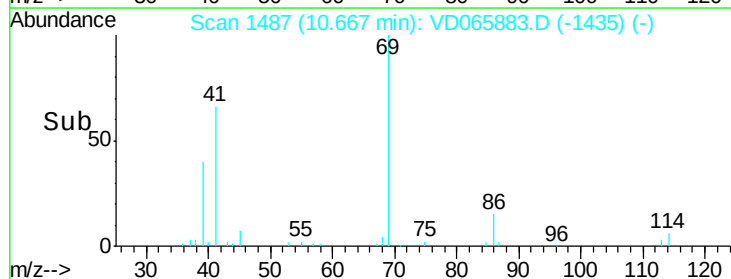
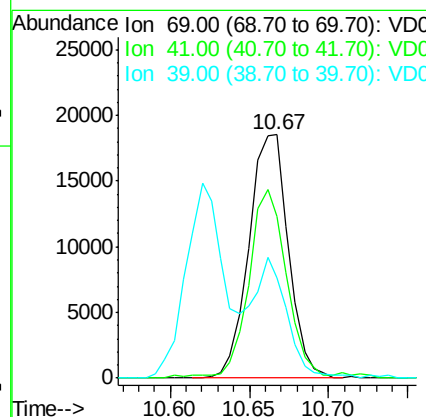
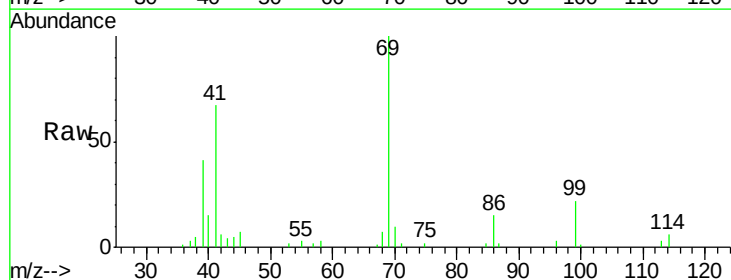
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

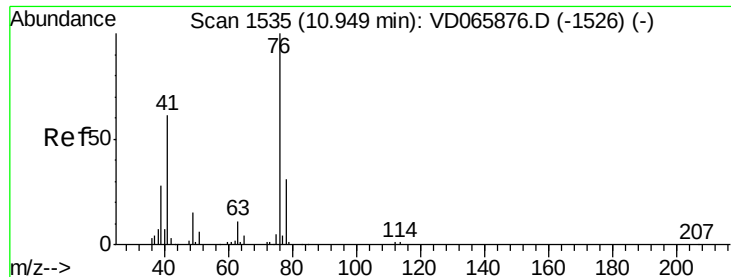
Tot Ion: 97 Resp: 26697
 Ion Ratio Lower Upper
 97 100
 83 88.3 74.2 111.4
 85 54.1 48.8 73.2
 99 66.9 55.9 83.9



#56
 Ethyl methacrylate
 Concen: 18.973 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion: 69 Resp: 32143
 Ion Ratio Lower Upper
 69 100
 41 74.7 55.4 83.2
 39 42.8 33.0 49.4





#57

1,3-Dichloropropane

Concen: 19.251 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

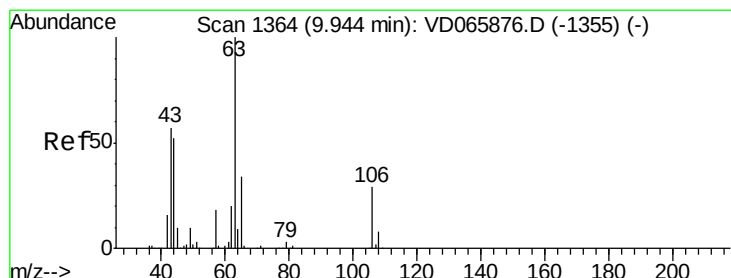
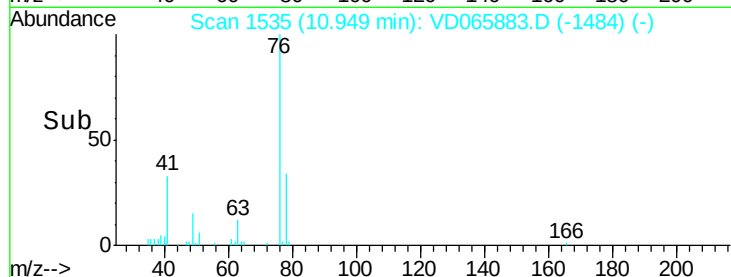
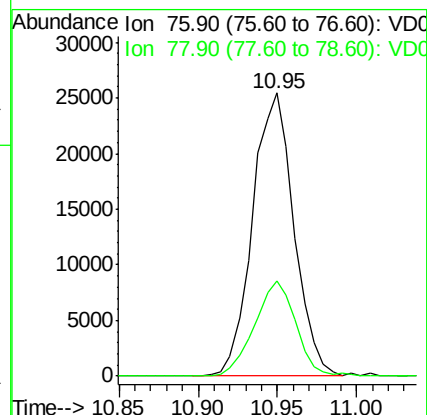
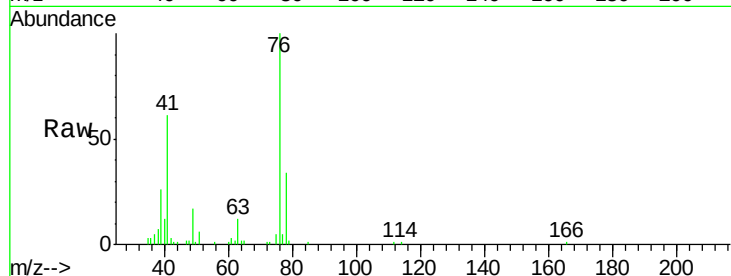
VD0629SBS01

Tot Ion: 76 Resp: 46073

Ion Ratio Lower Upper

76 100

78 33.7 25.1 37.7



#58

2-Chloroethyl Vinyl ether

Concen: 100.585 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065883.D

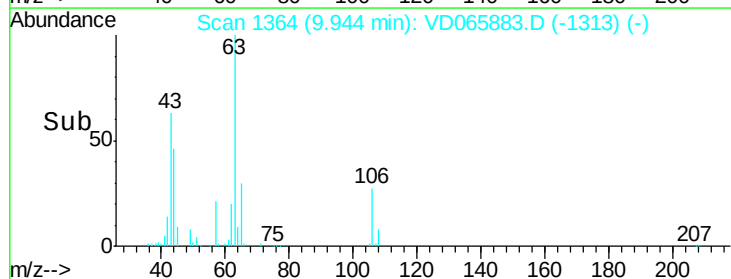
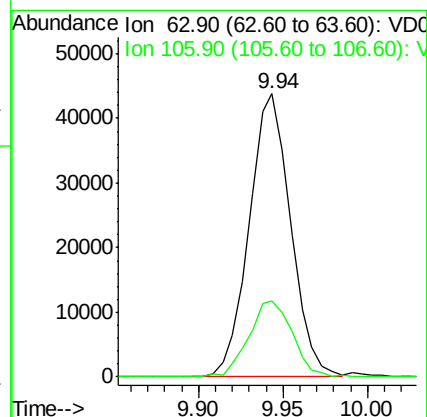
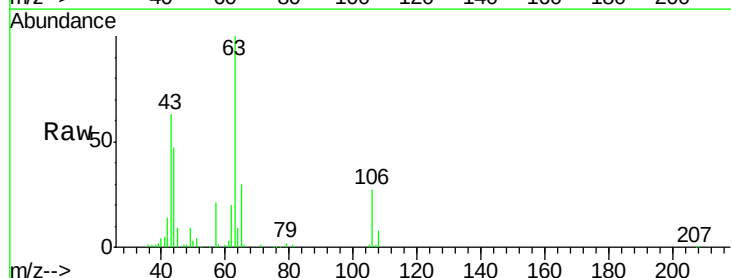
Acq: 29 Jun 2020 13:47

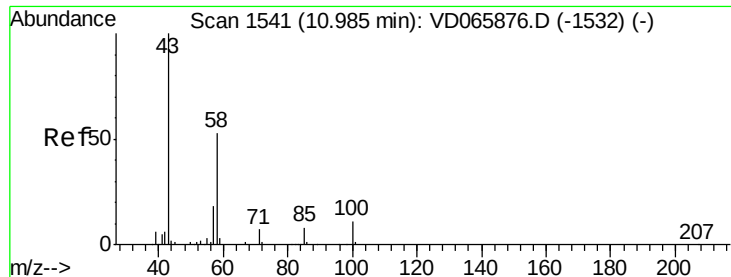
Tgt Ion: 63 Resp: 74692

Ion Ratio Lower Upper

63 100

106 28.1 22.6 34.0

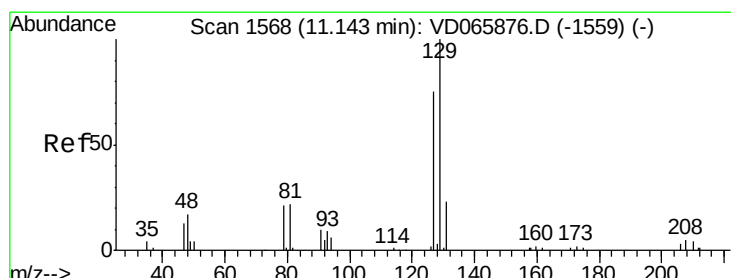
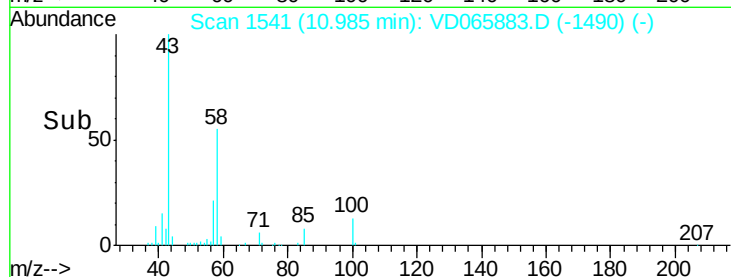
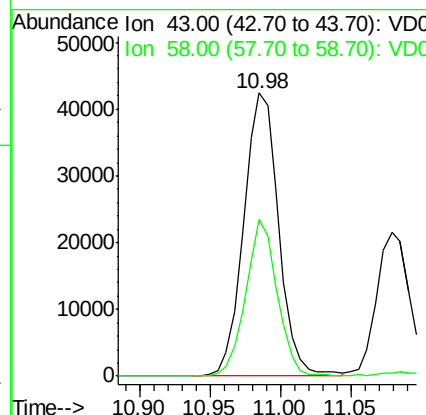
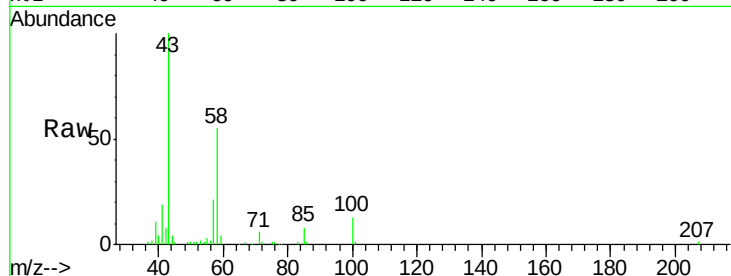




#59
2-Hexanone
Concen: 98.238 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

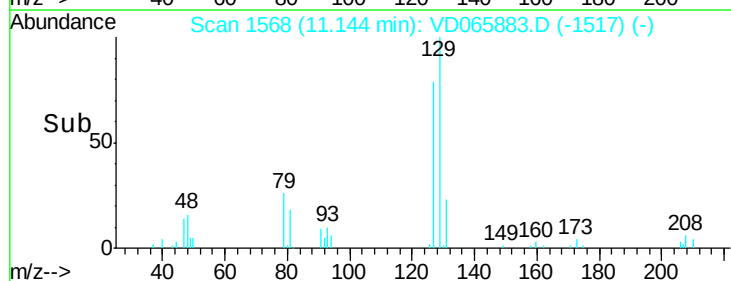
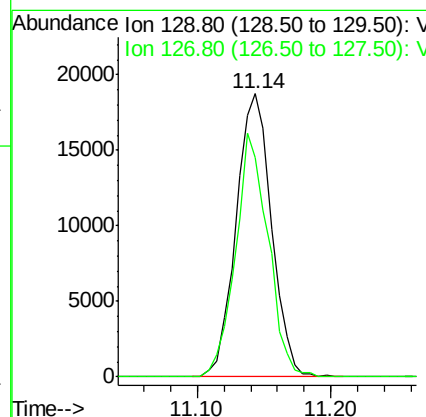
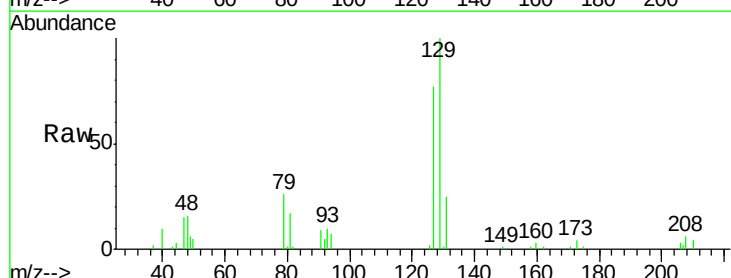
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

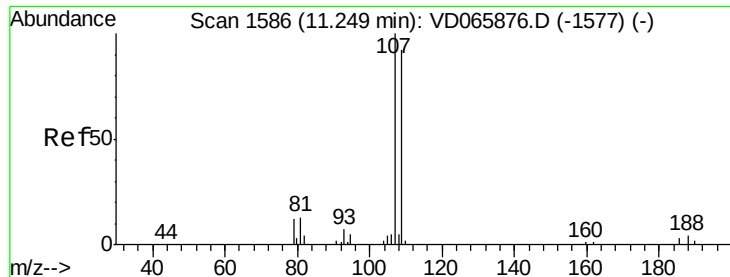
Tot Ion: 43 Resp: 73498
Ion Ratio Lower Upper
43 100
58 50.1 26.1 78.3



#60
Dibromochloromethane
Concen: 18.529 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 129 Resp: 34530
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2

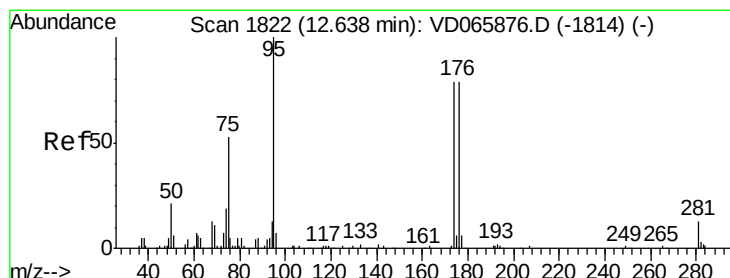
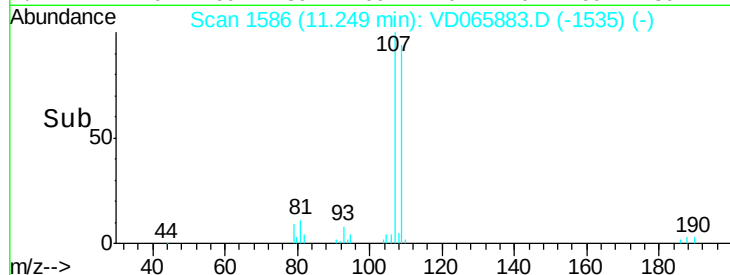
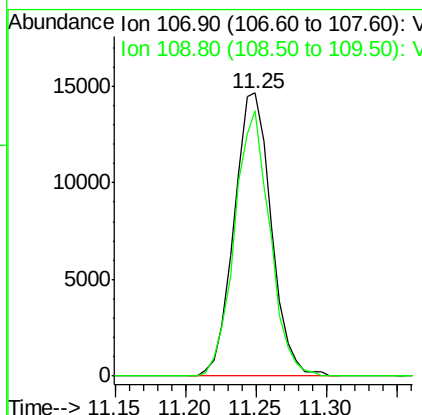
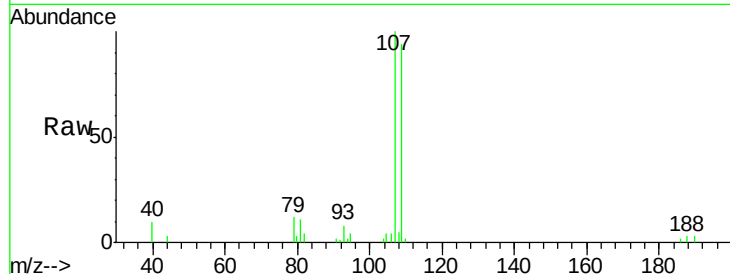




#61
 1,2-Dibromoethane
 Concen: 20.169 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

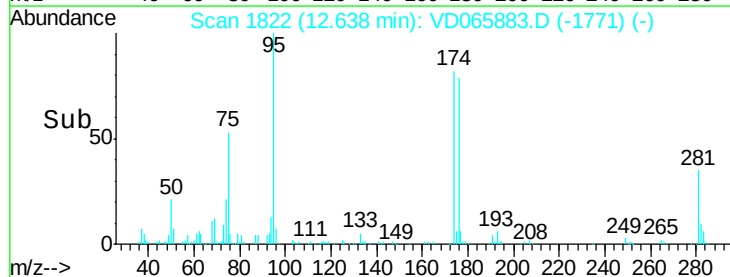
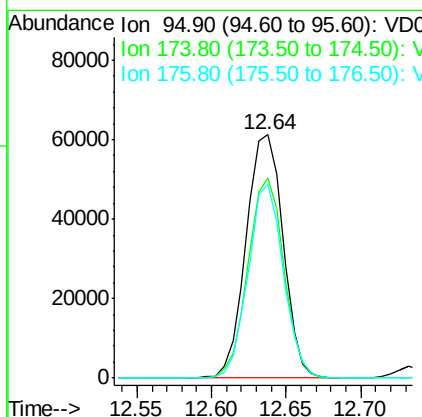
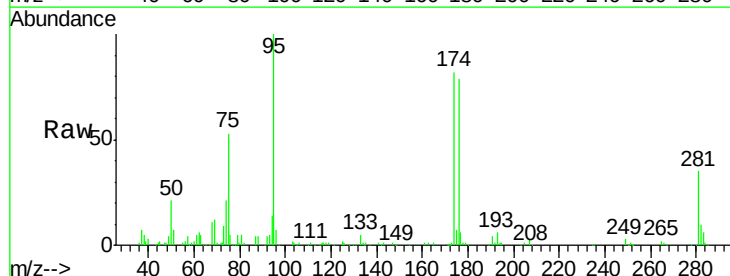
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

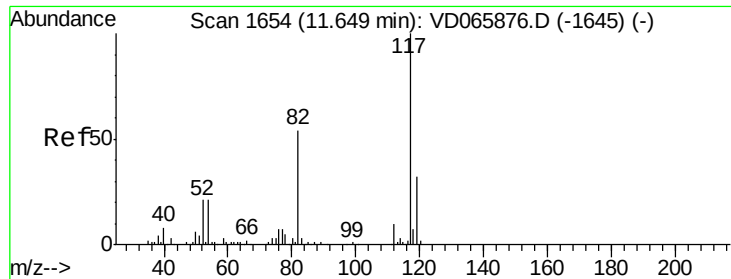
Tot Ion:107 Resp: 26933
 Ion Ratio Lower Upper
 107 100
 109 89.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.986 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion: 95 Resp: 104755
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 158.4
 176 75.9 0.0 156.0

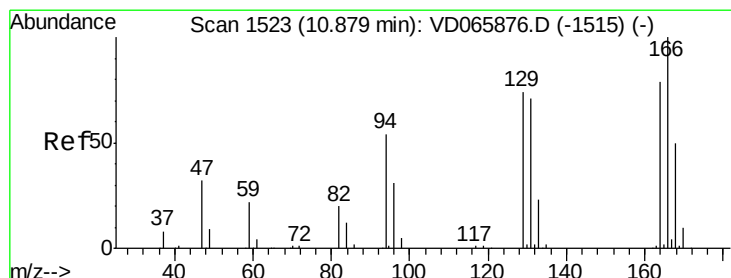
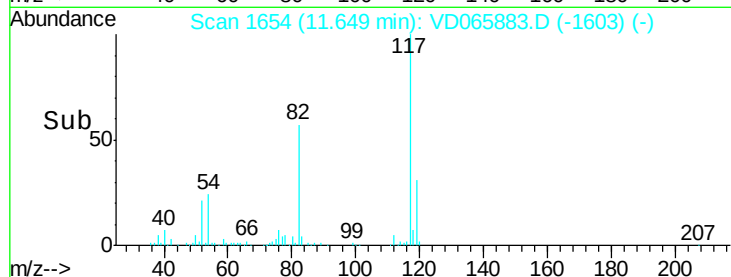
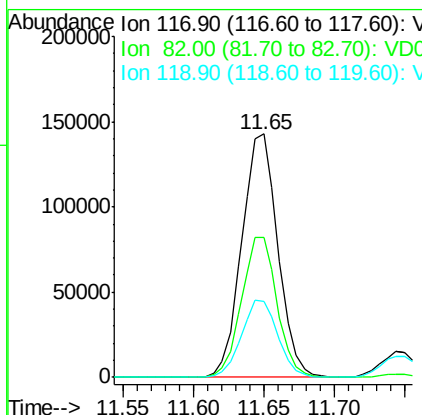
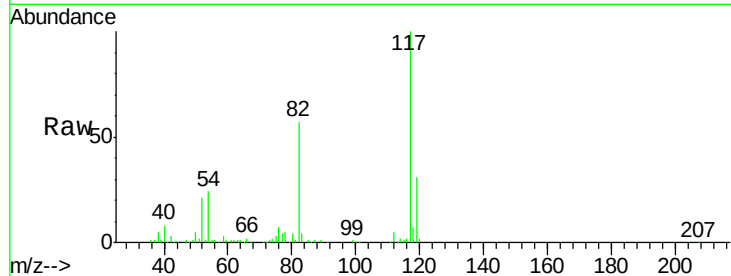




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

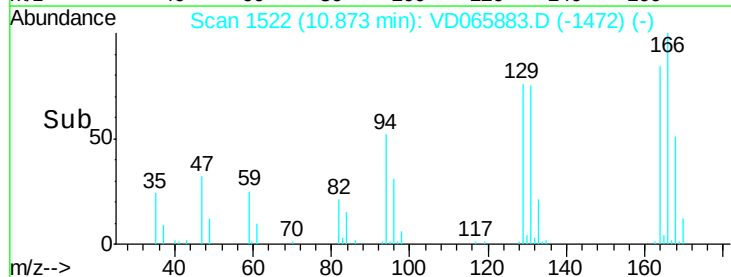
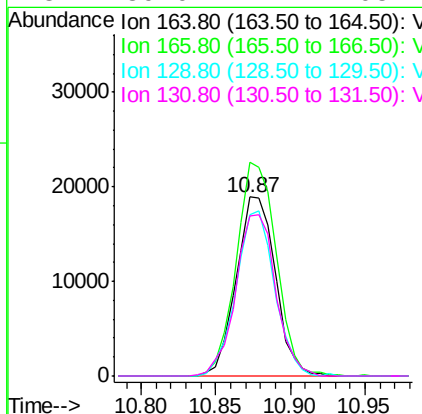
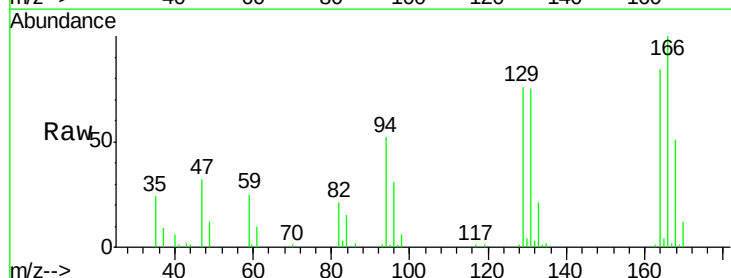
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

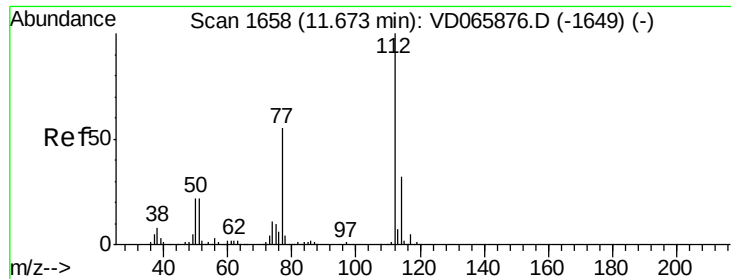
Tot Ion:117 Resp: 255531
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 20.644 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion:164 Resp: 34447
Ion Ratio Lower Upper
164 100
166 119.2 101.3 151.9
129 90.3 74.5 111.7
131 89.0 72.2 108.4

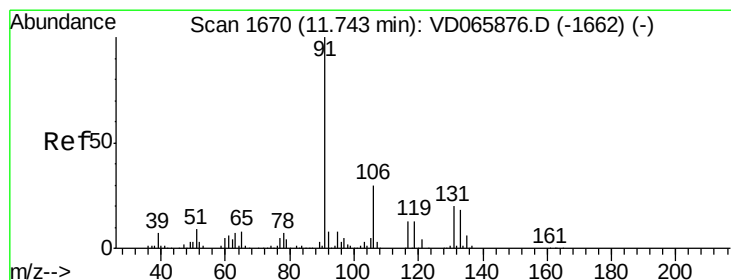
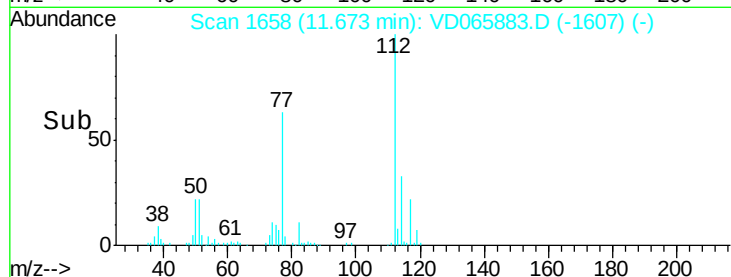
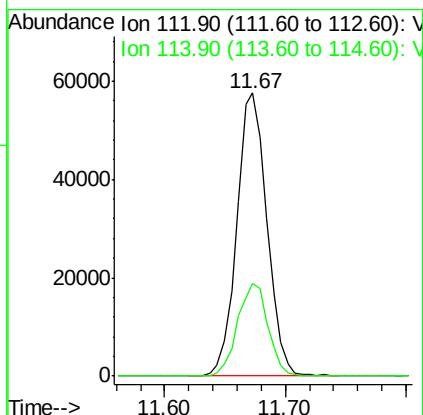
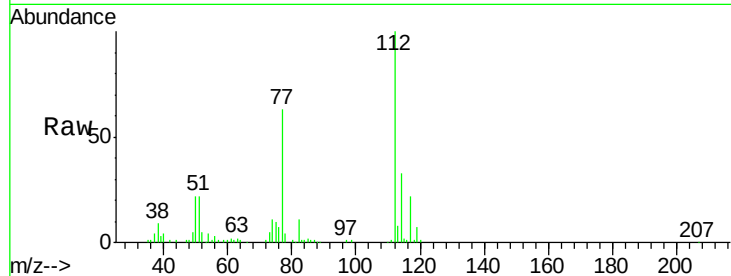




#65
Chlorobenzene
Concen: 19.768 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

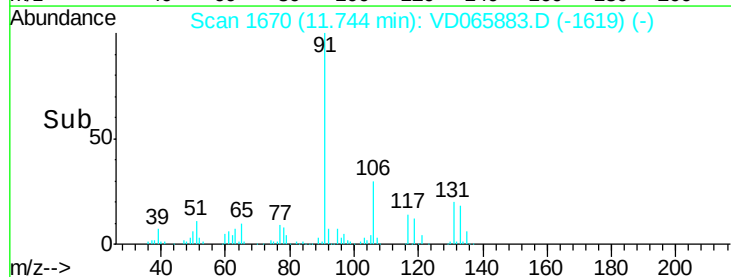
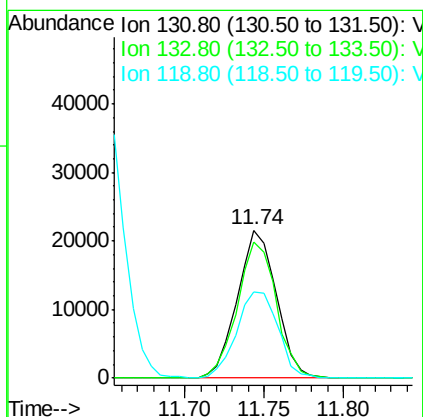
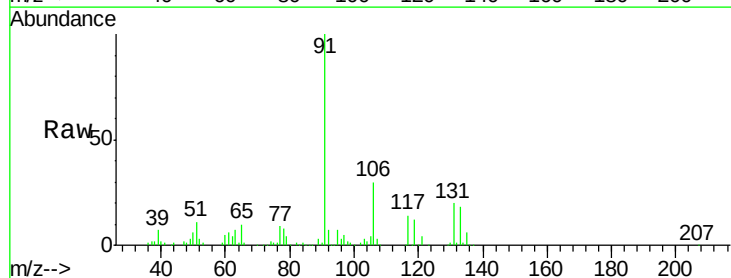
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

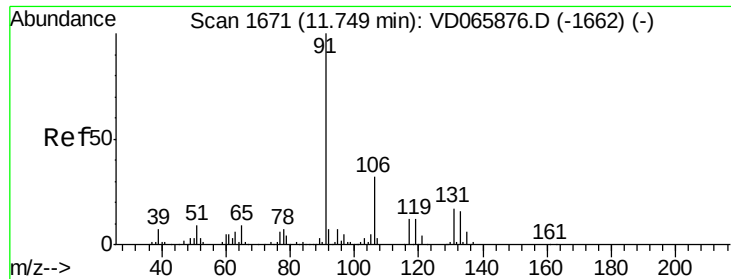
Tot Ion:112 Resp: 100195
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.546 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion:131 Resp: 36906
Ion Ratio Lower Upper
131 100
133 92.0 48.1 144.3
119 62.3 33.0 98.9





#67

Ethyl Benzene

Concen: 19.553 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

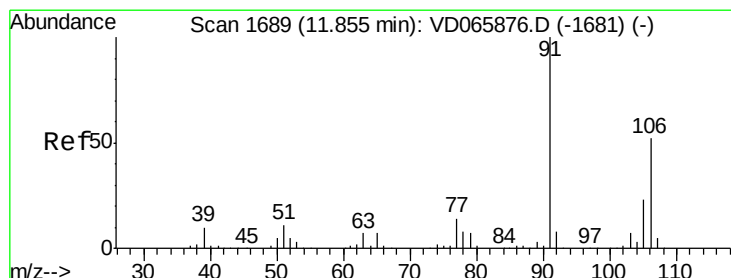
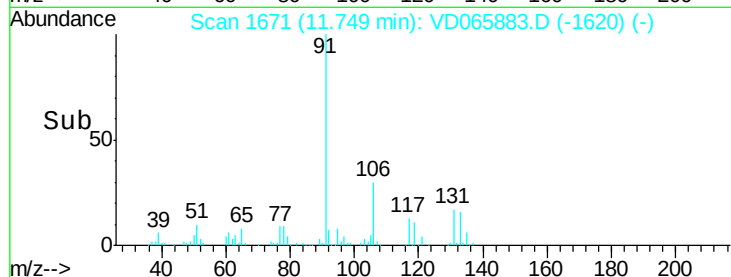
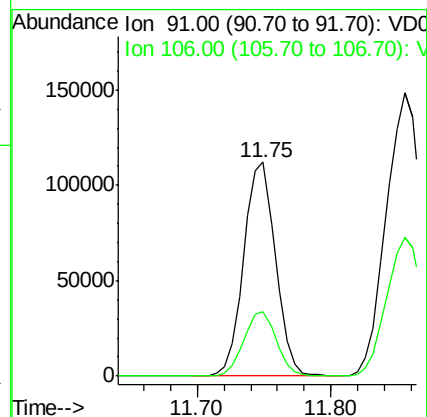
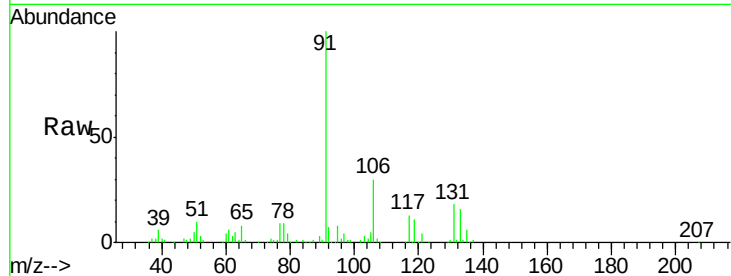
VD0629SBS01

Tot Ion: 91 Resp: 184067

Ion Ratio Lower Upper

91 100

106 30.4 25.3 37.9



#68

m/p-Xylenes

Concen: 38.675 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065883.D

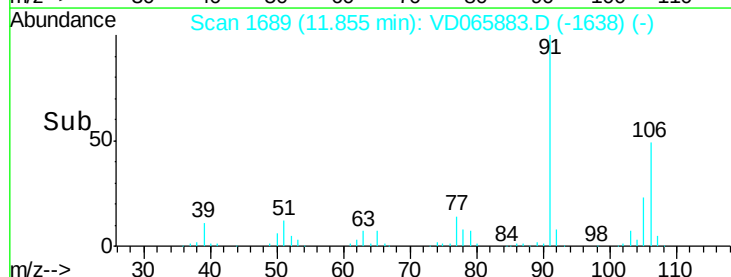
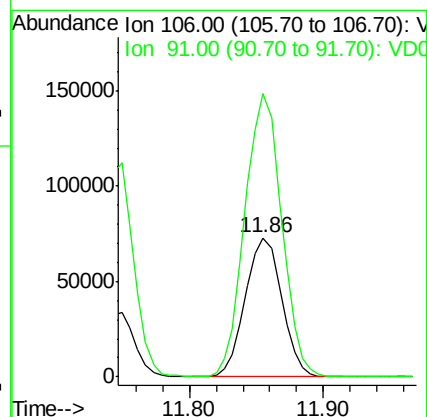
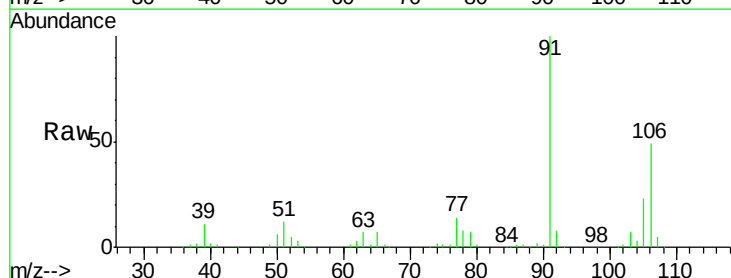
Acq: 29 Jun 2020 13:47

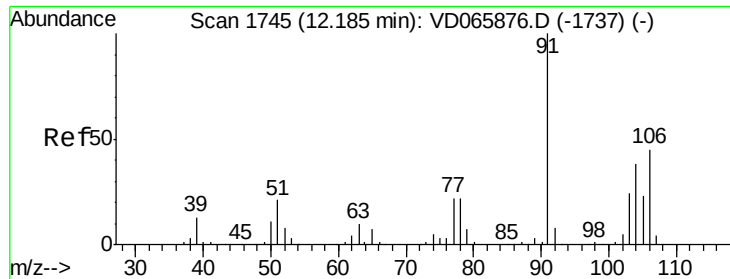
Tgt Ion: 106 Resp: 138618

Ion Ratio Lower Upper

106 100

91 204.7 159.5 239.3

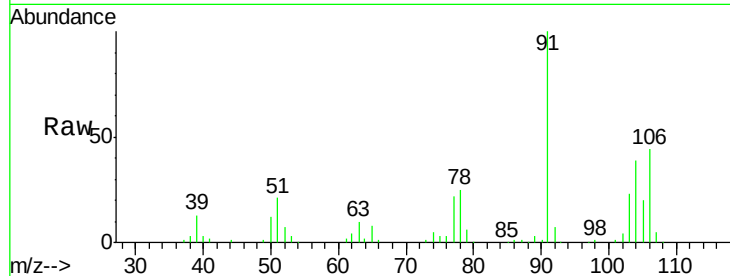




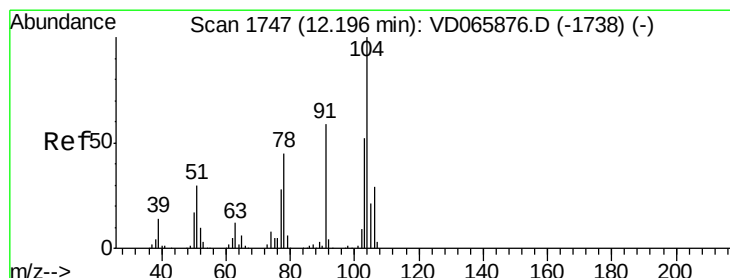
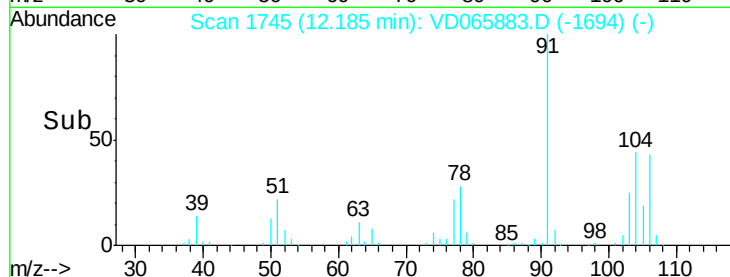
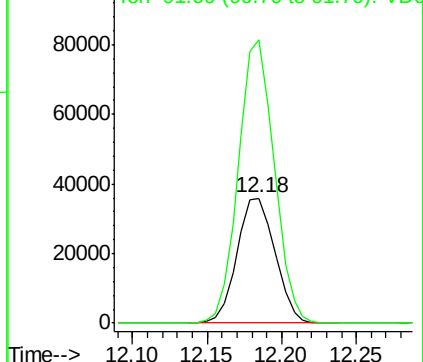
#69
o-Xylene
Concen: 19.655 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

Tot Ion:106 Resp: 63306
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.6

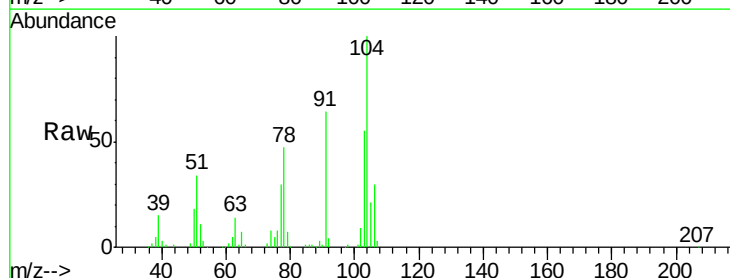


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

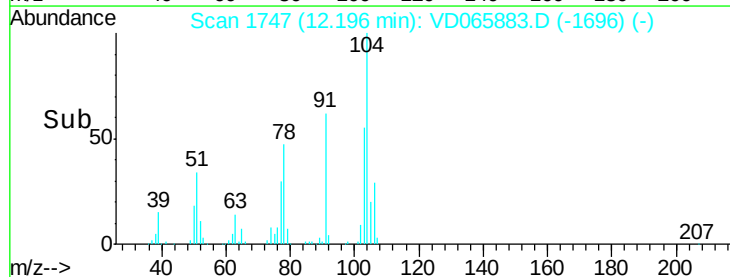
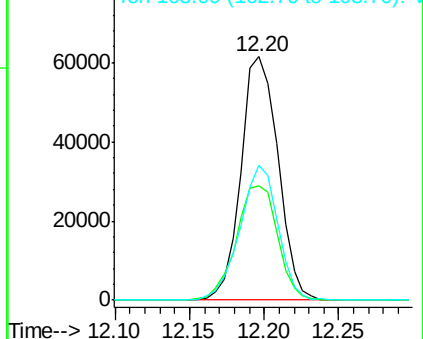


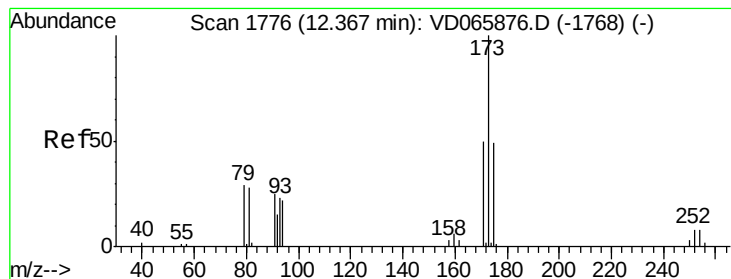
#70
Styrene
Concen: 18.794 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion:104 Resp: 105845
Ion Ratio Lower Upper
104 100
78 52.3 39.8 59.6
103 56.7 44.6 66.8



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





#71

Bromoform

Concen: 18.012 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

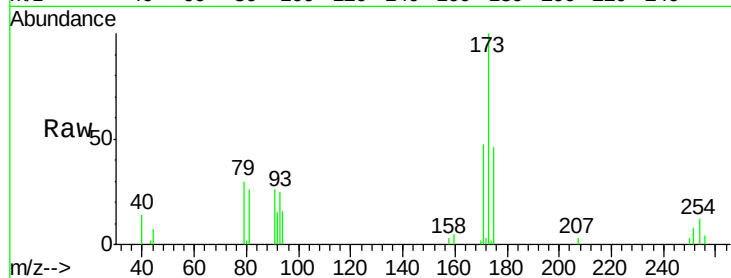
Tot Ion:173 Resp: 18061

Ion Ratio Lower Upper

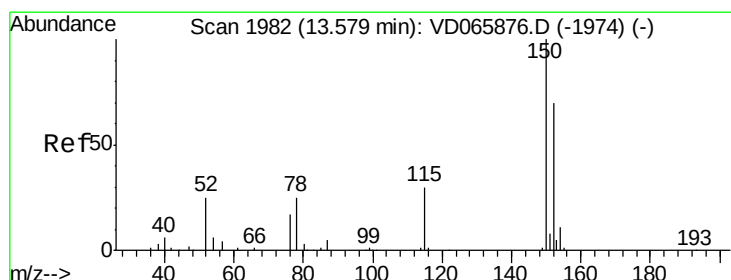
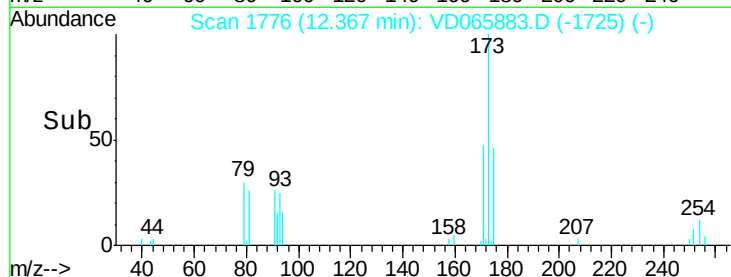
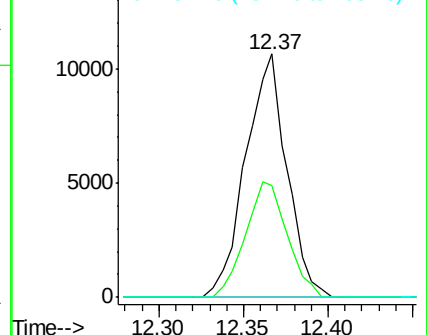
173 100

175 48.2 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

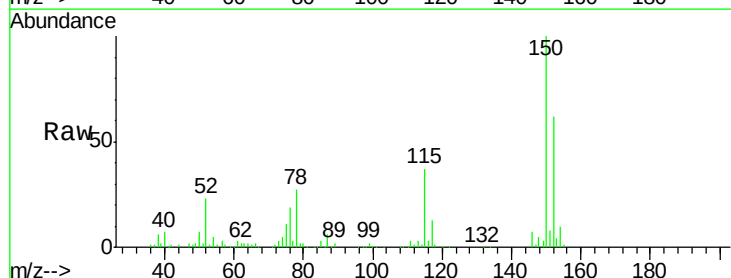
Tgt Ion:152 Resp: 121565

Ion Ratio Lower Upper

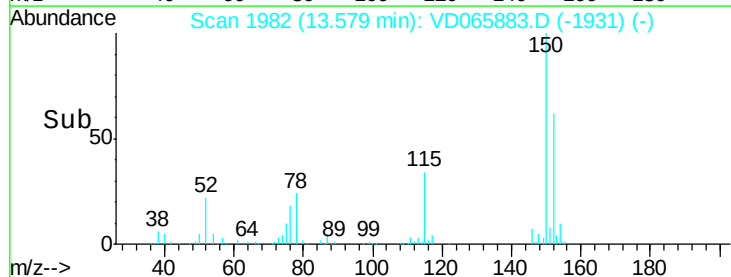
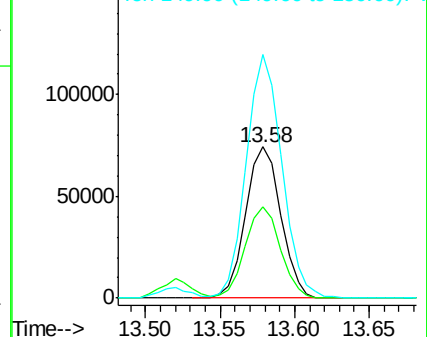
152 100

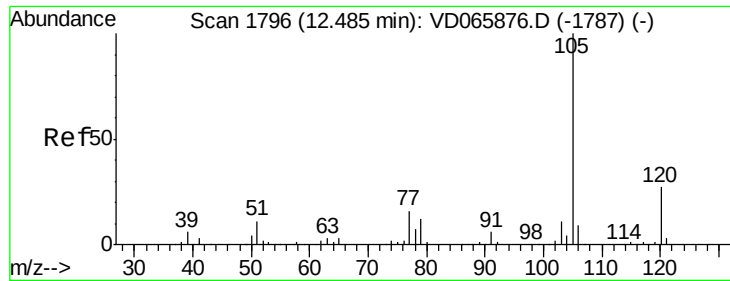
115 60.0 29.7 89.1

150 162.1 0.0 346.2



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: 20.343 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

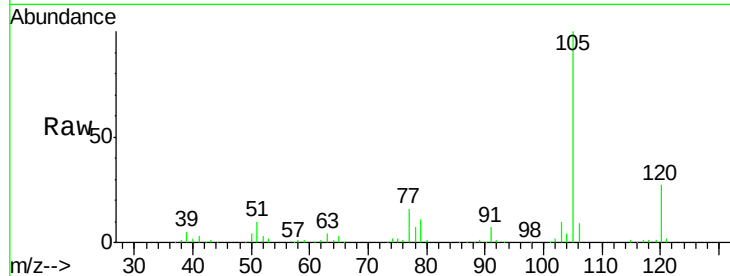
VD0629SBS01

Tot Ion:105 Resp: 177125

Ion Ratio Lower Upper

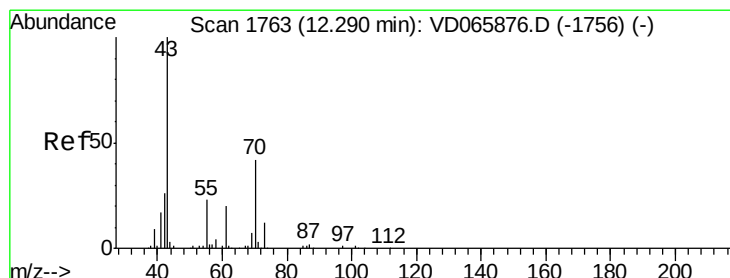
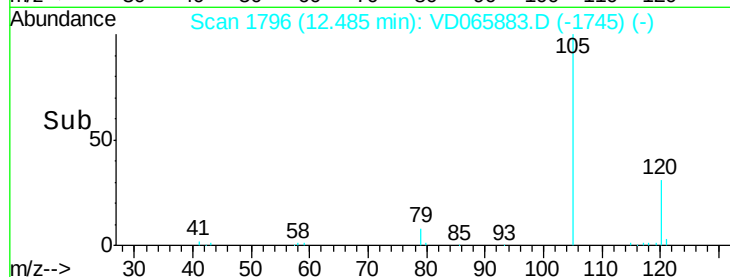
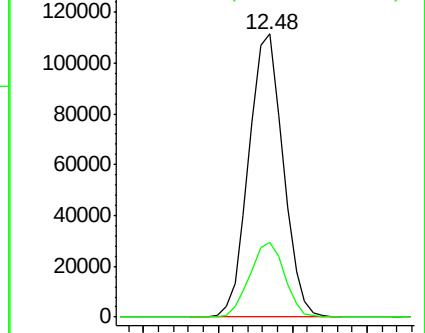
105 100

120 26.8 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: 19.948 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Tgt Ion: 43 Resp: 38373

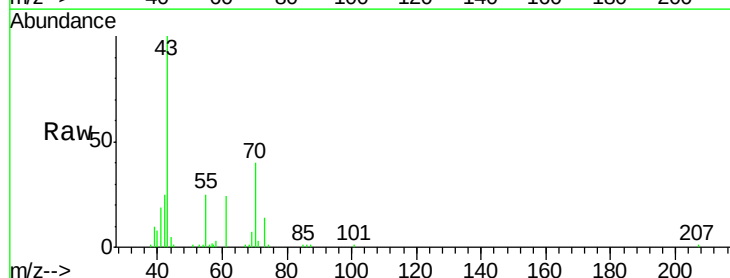
Ion Ratio Lower Upper

43 100

70 42.2 32.5 48.7

55 25.9 18.7 28.1

61 22.8 16.7 25.1

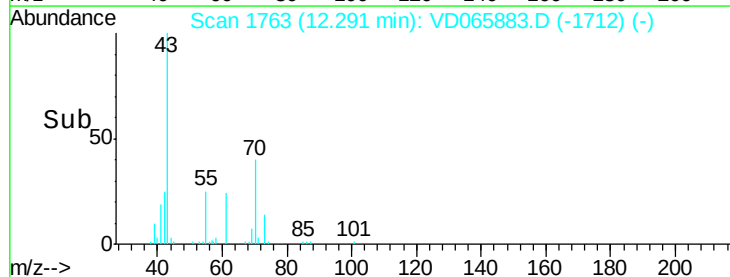
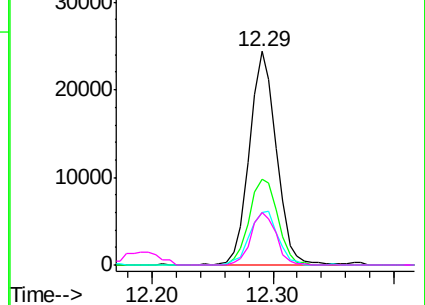


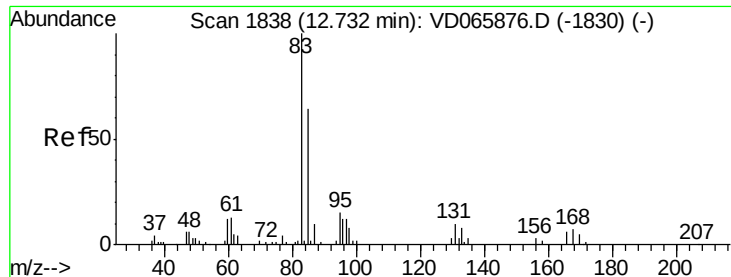
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.461 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

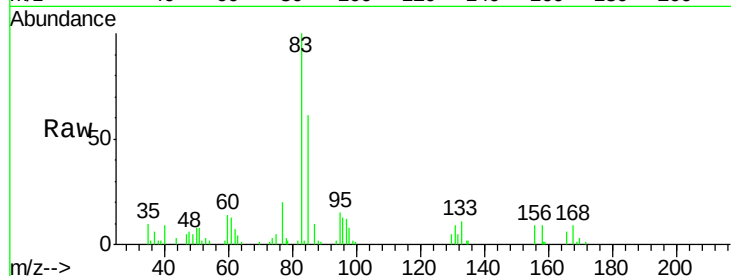
Tot Ion: 83 Resp: 27891

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.4

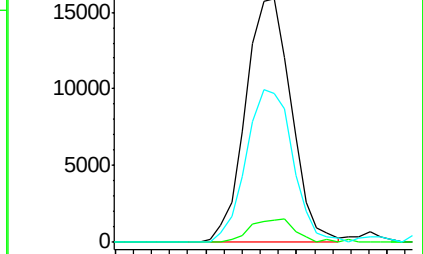
85 64.0 32.3 96.9



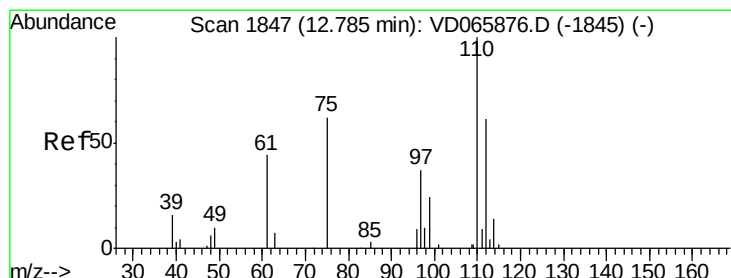
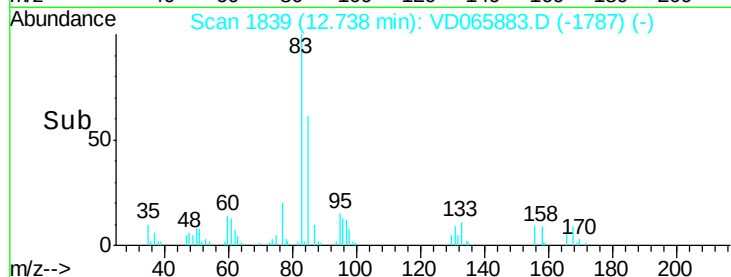
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time--> 12.65 12.70 12.75



#76

1,2,3-Trichloropropane

Concen: 35.607 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD065883.D

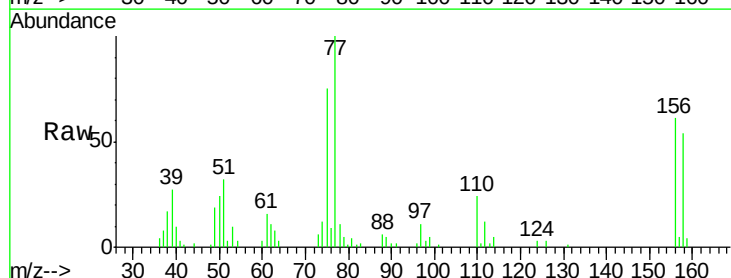
Acq: 29 Jun 2020 13:47

Tgt Ion: 75 Resp: 37876

Ion Ratio Lower Upper

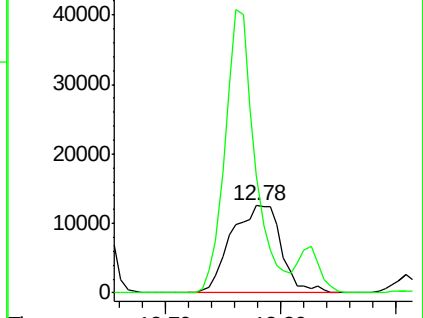
75 100

77 194.1 168.5 505.5

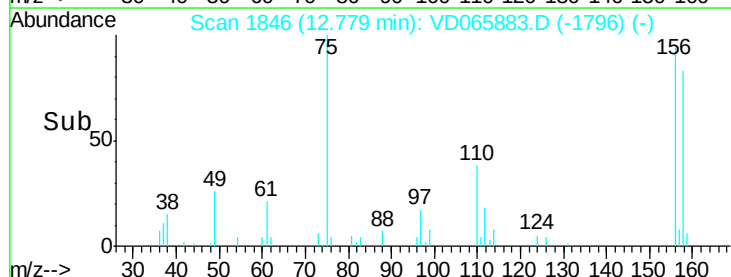


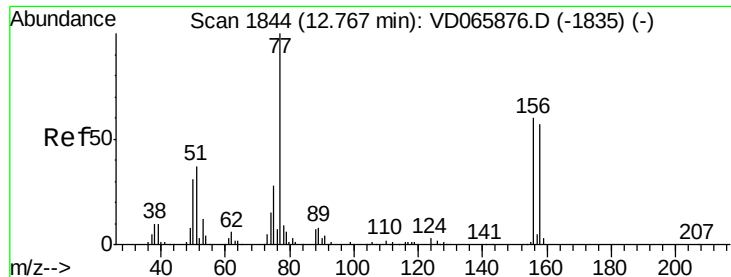
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.70 12.80

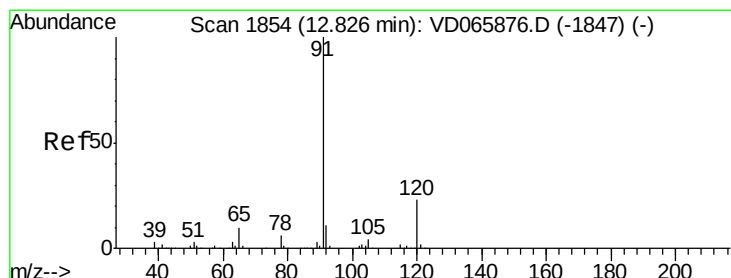
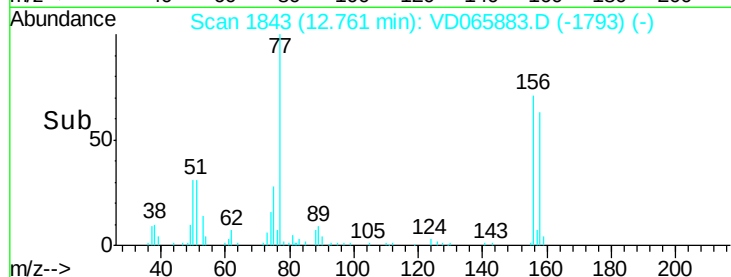
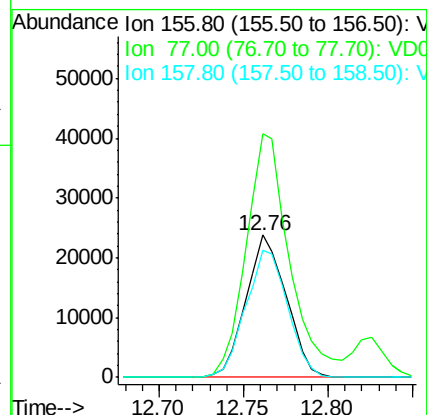
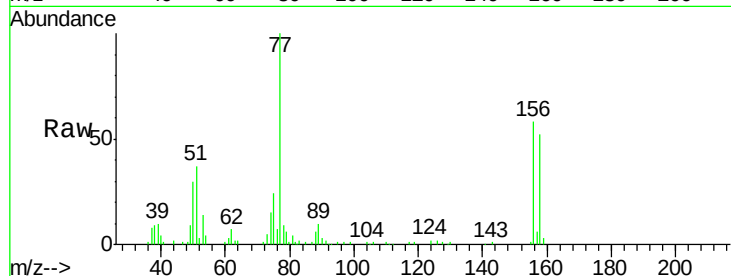




#77
Bromobenzene
Concen: 20.172 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

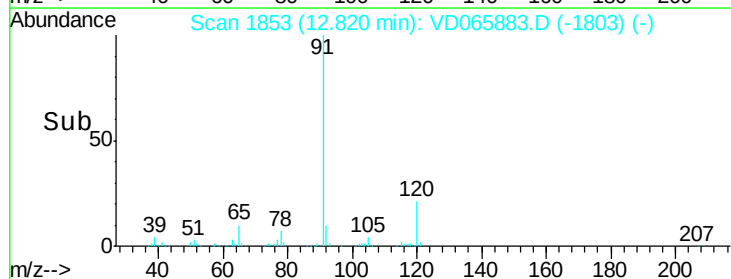
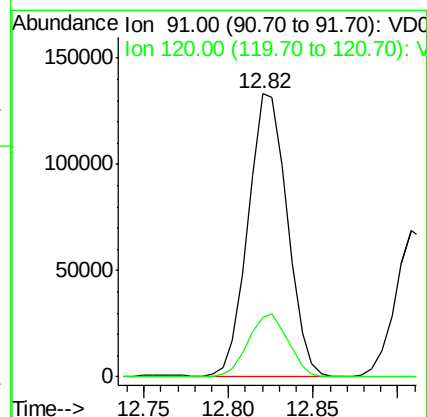
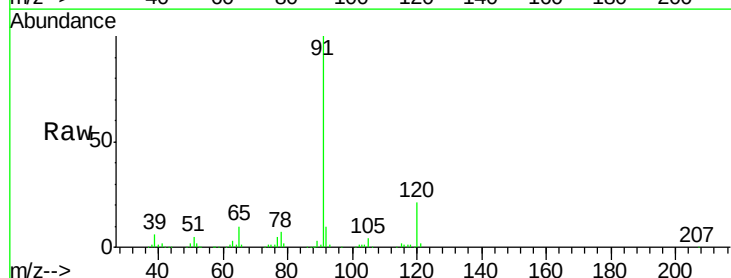
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

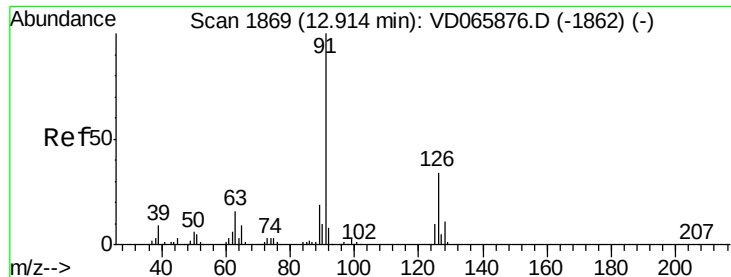
Tot Ion:156 Resp: 39489
Ion Ratio Lower Upper
156 100
77 186.1 90.5 271.5
158 93.1 48.2 144.6



#78
n-propylbenzene
Concen: 20.524 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 91 Resp: 215286
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.050 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

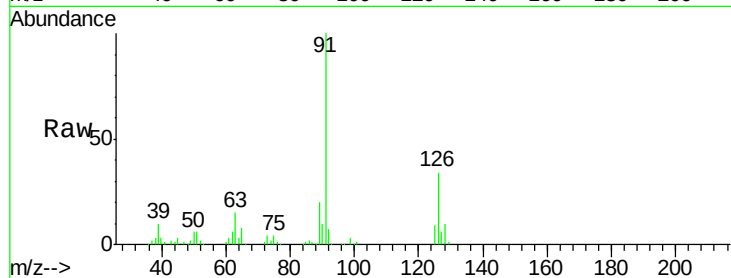
VD0629SBS01

Tot Ion: 91 Resp: 115841

Ion Ratio Lower Upper

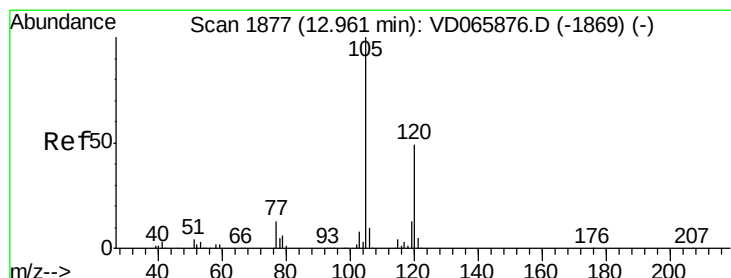
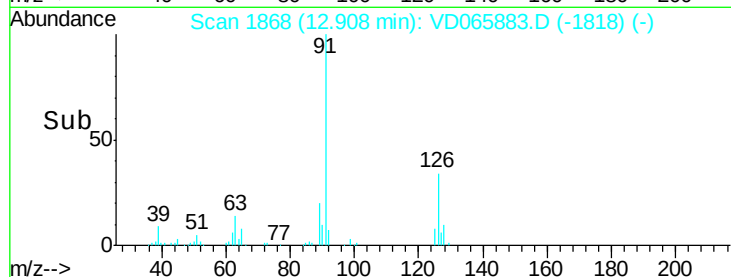
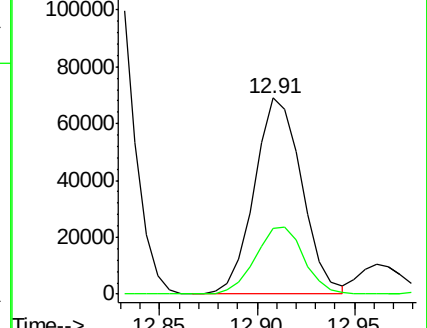
91 100

126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VD065876.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065876.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.857 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065883.D

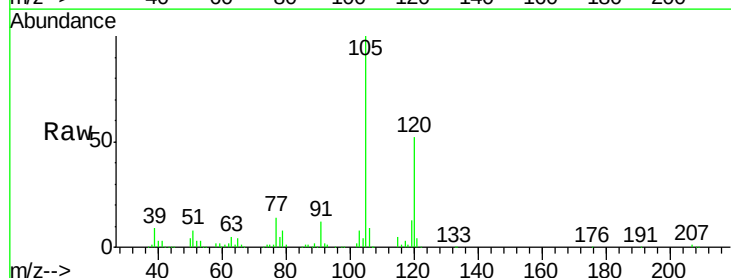
Acq: 29 Jun 2020 13:47

Tgt Ion:105 Resp: 144532

Ion Ratio Lower Upper

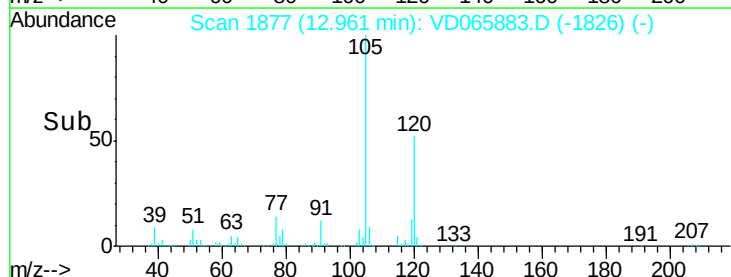
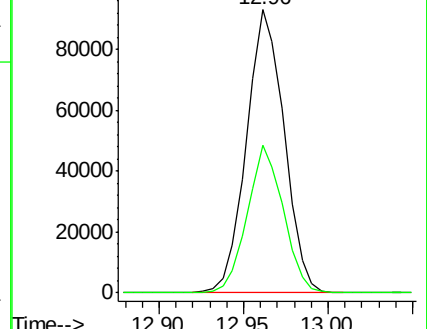
105 100

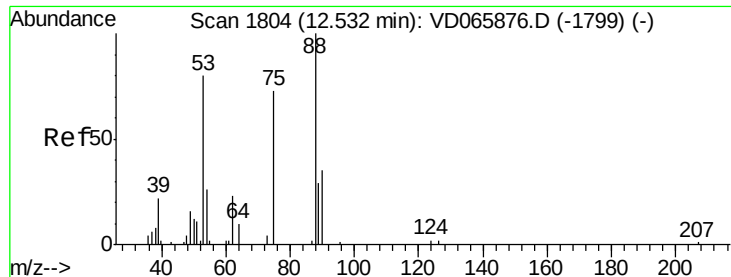
120 49.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD065876.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065876.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.613 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

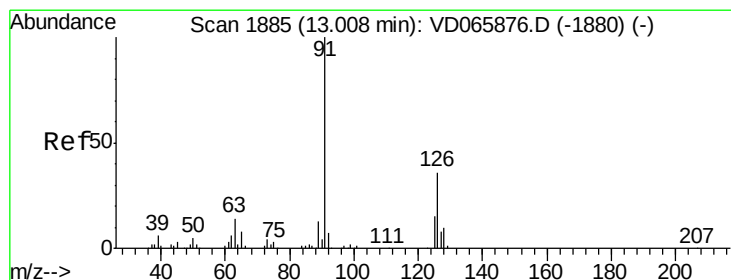
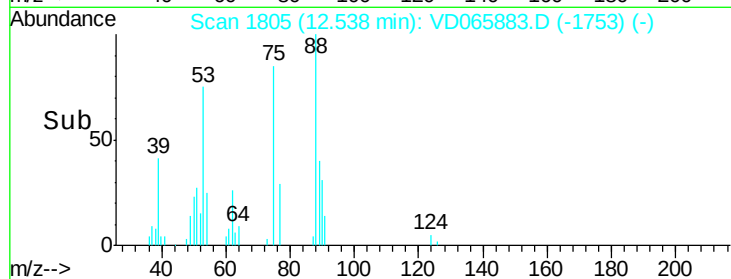
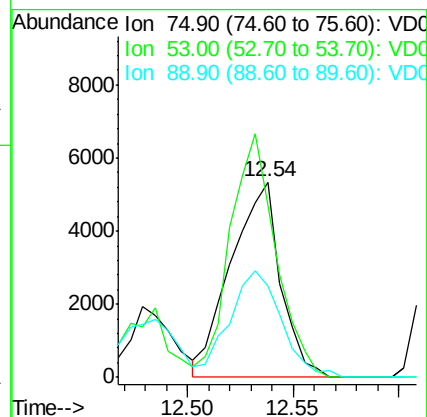
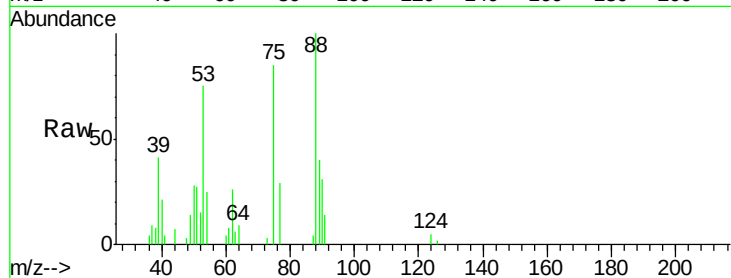
Tot Ion: 75 Resp: 8721

Ion Ratio Lower Upper

75 100

53 114.0 80.6 121.0

89 57.3 36.5 54.7#



#82

4-Chlorotoluene

Concen: 20.252 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065883.D

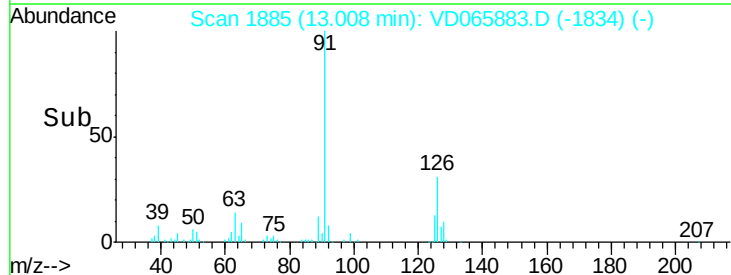
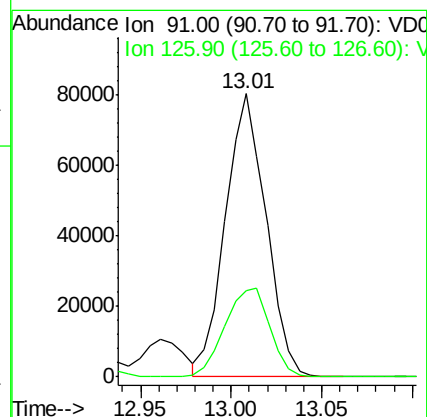
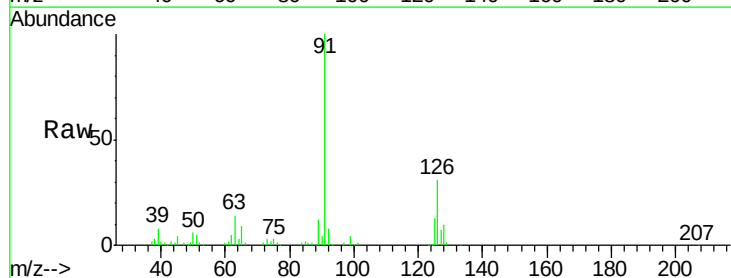
Acq: 29 Jun 2020 13:47

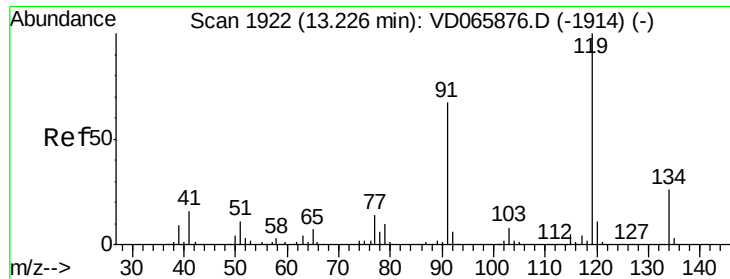
Tgt Ion: 91 Resp: 125044

Ion Ratio Lower Upper

91 100

126 34.5 16.6 49.8

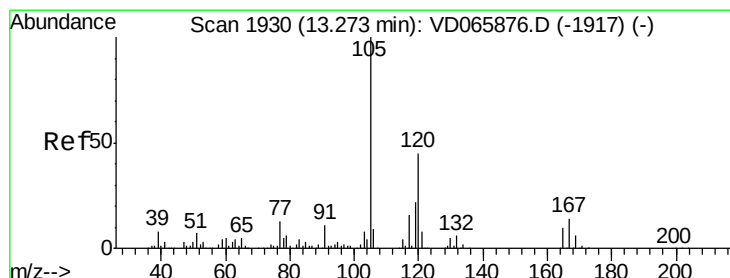
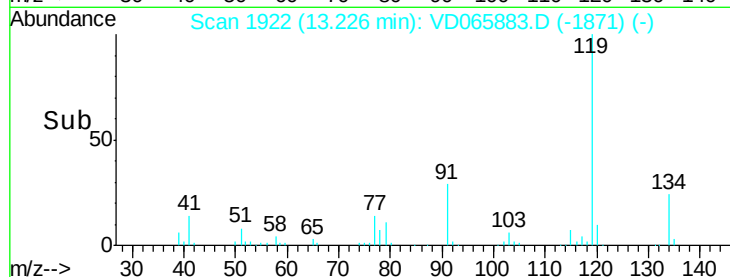
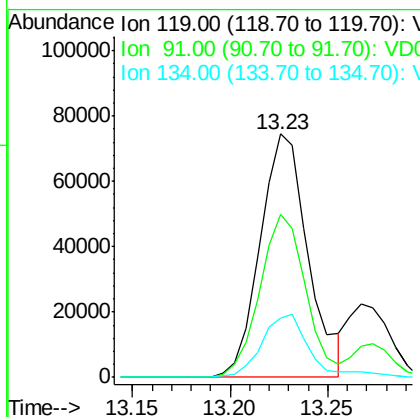
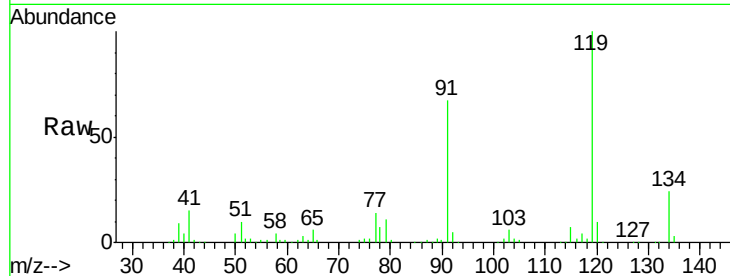




#83
 tert-Butylbenzene
 Concen: 20.642 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

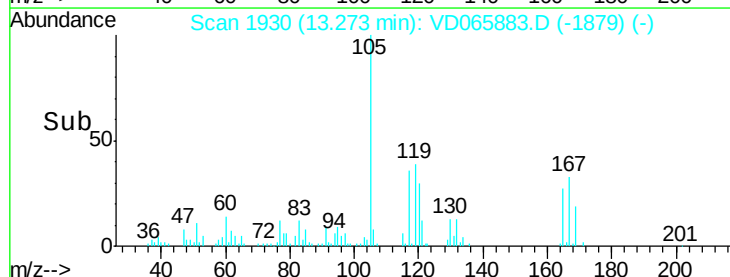
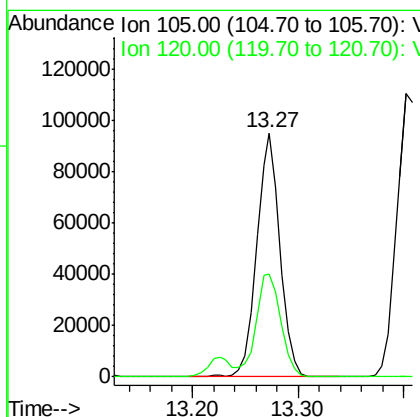
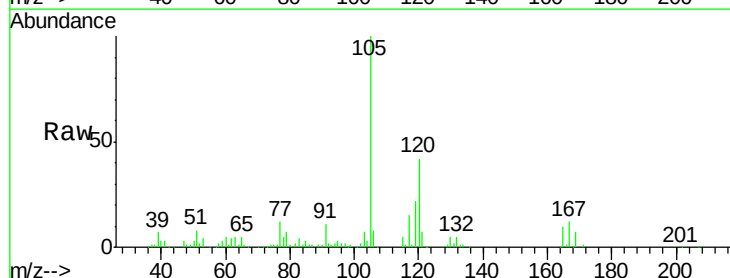
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

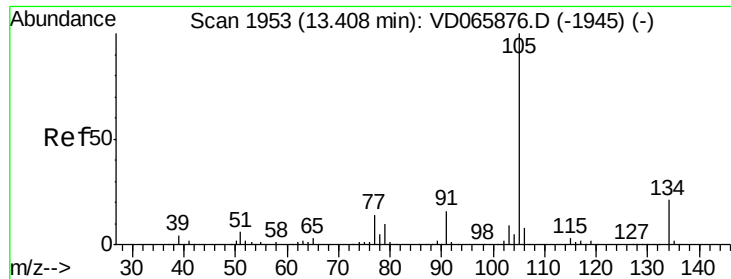
Tot Ion:119 Resp: 126439
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.2 96.6
 134 26.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.286 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion:105 Resp: 145450
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.302 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

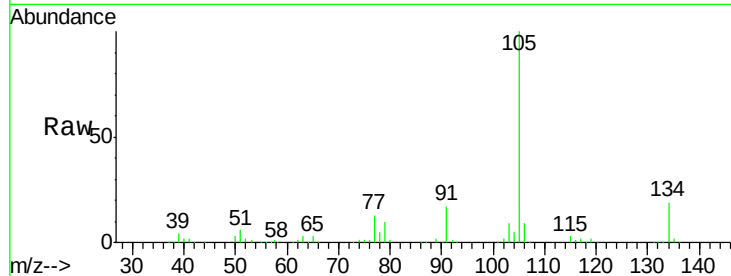
VD0629SBS01

Tot Ion:105 Resp: 177216

Ion Ratio Lower Upper

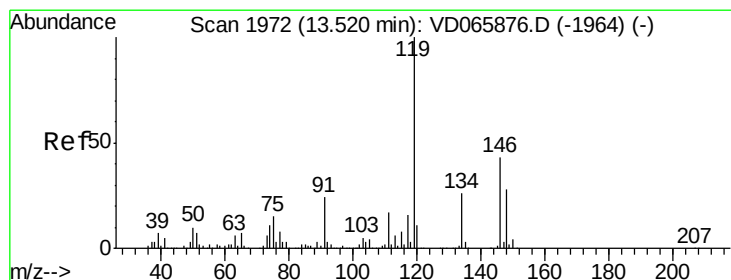
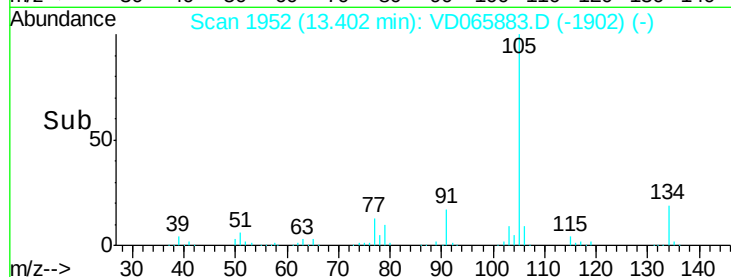
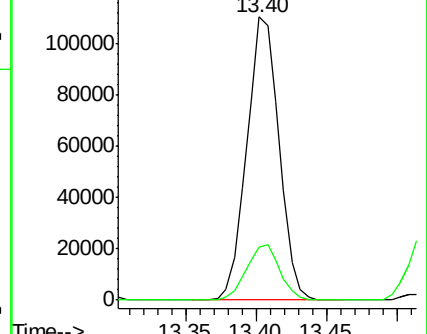
105 100

134 20.3 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.884 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

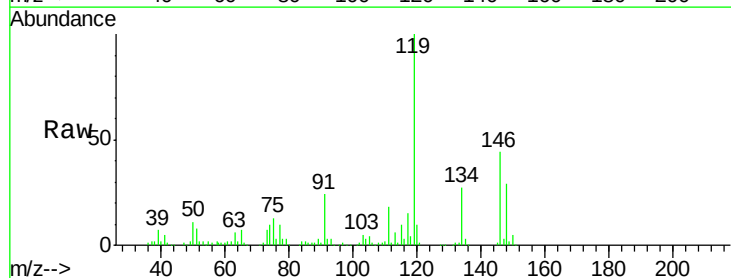
Tgt Ion:119 Resp: 157656

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

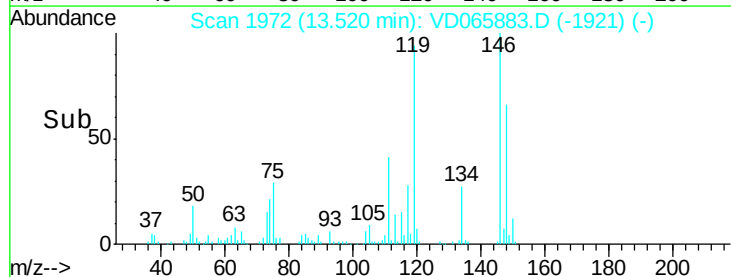
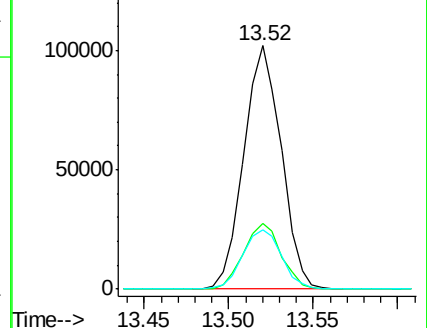
91 25.1 12.0 36.1

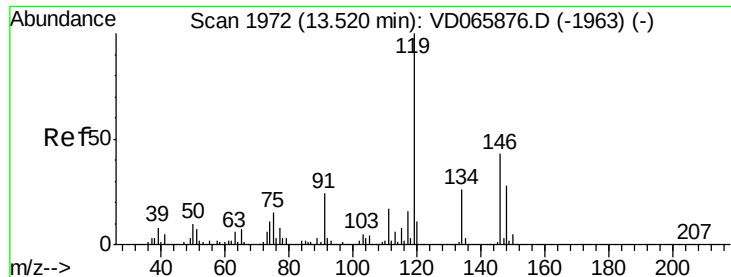


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

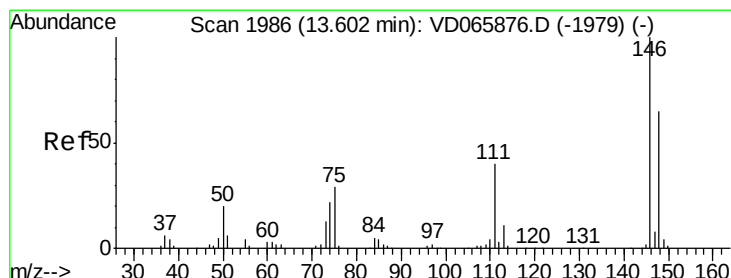
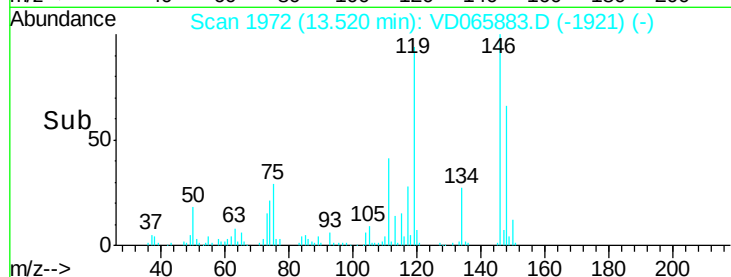
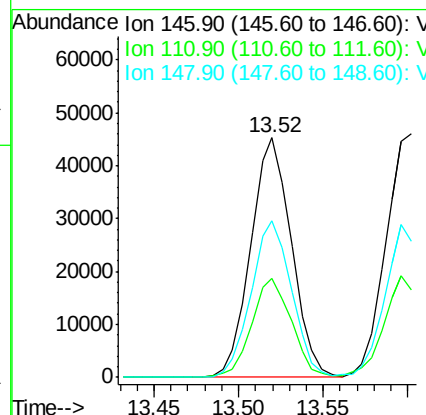
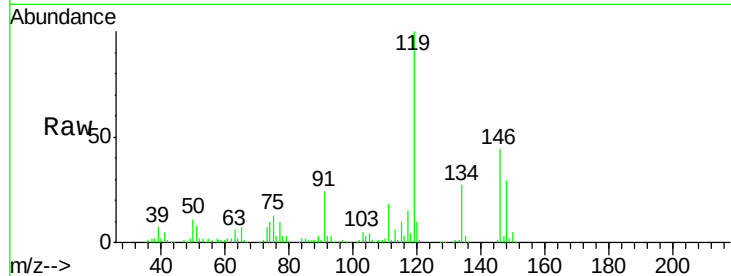




#87
 1,3-Dichlorobenzene
 Concen: 19.894 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

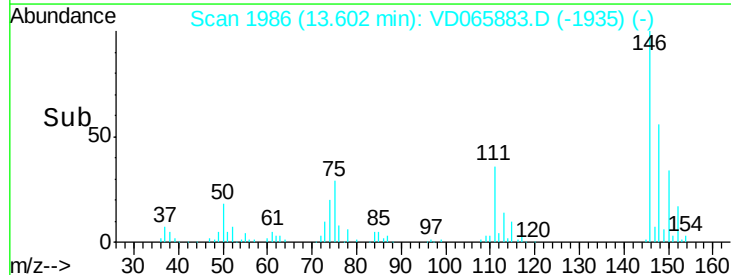
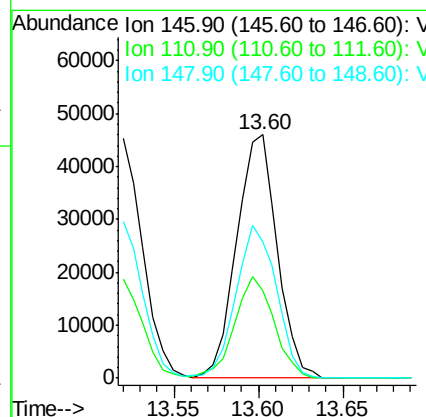
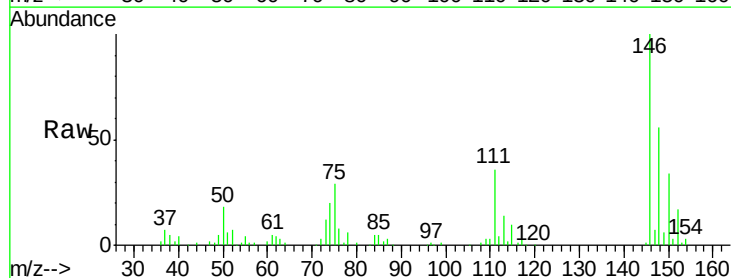
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

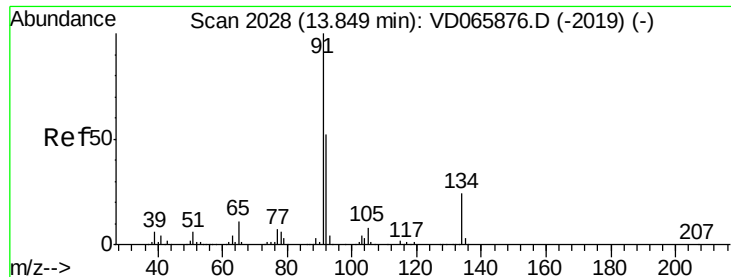
Tot Ion:146 Resp: 75661
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.4
 148 65.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.096 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion:146 Resp: 76894
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.6
 148 63.0 32.5 97.4

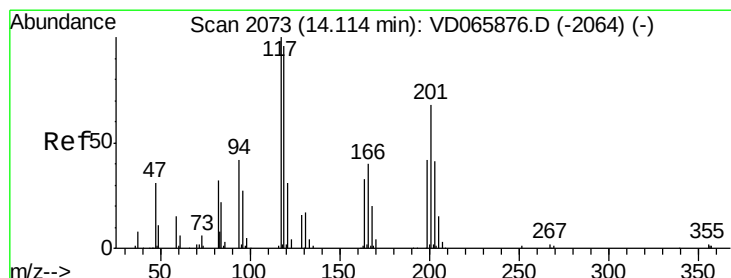
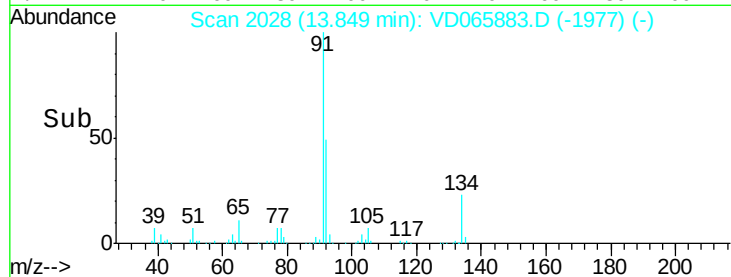
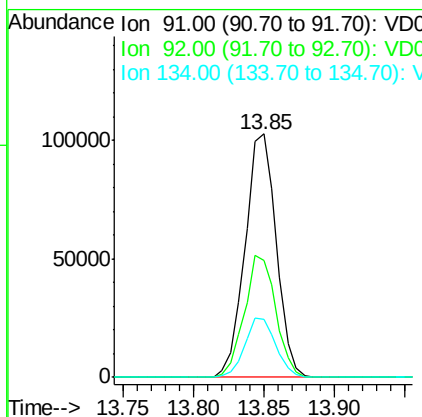
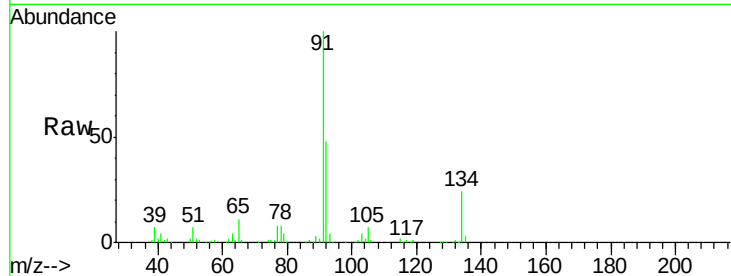




#89
n-Butylbenzene
Concen: 20.637 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

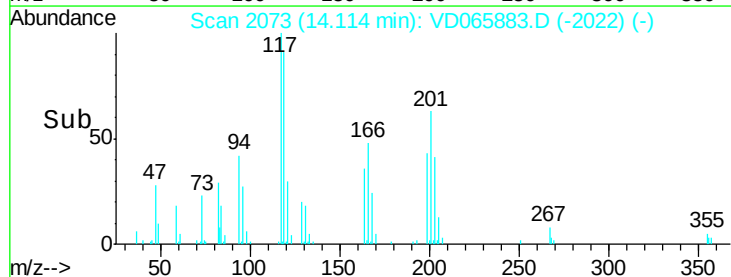
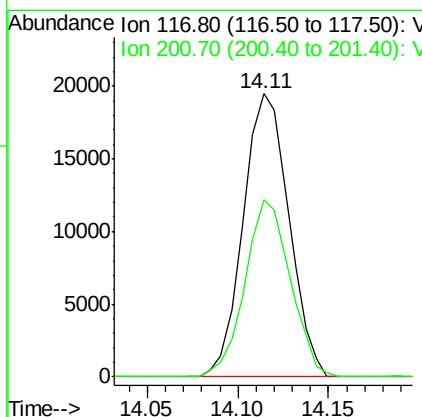
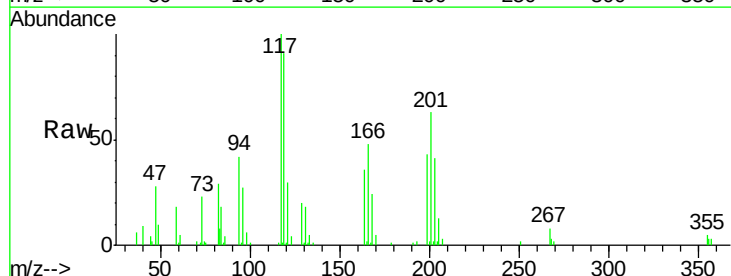
Instrument :
MSVOA_D
ClientSampleId :
VD0629SBS01

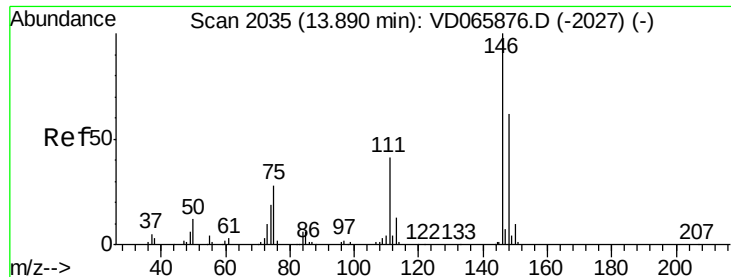
Tot Ion: 91 Resp: 159548
Ion Ratio Lower Upper
91 100
92 50.5 26.5 79.4
134 24.1 12.4 37.2



#90
Hexachloroethane
Concen: 21.070 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065883.D
Acq: 29 Jun 2020 13:47

Tgt Ion: 117 Resp: 34092
Ion Ratio Lower Upper
117 100
201 62.2 35.1 105.5

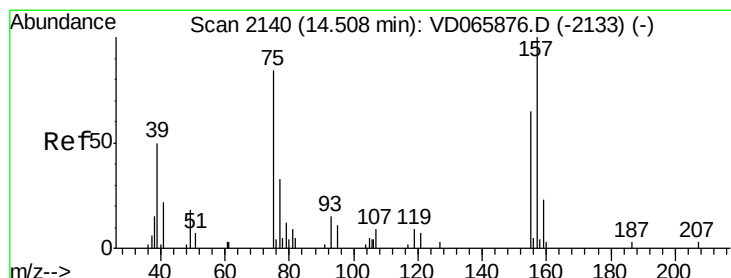
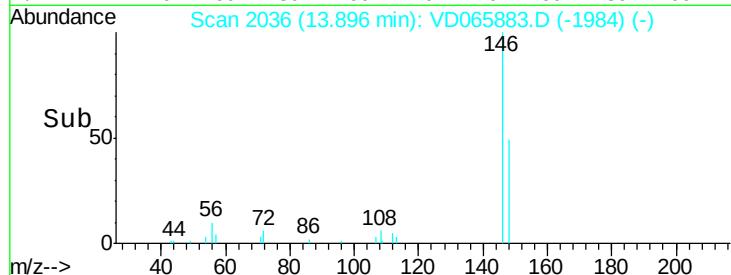
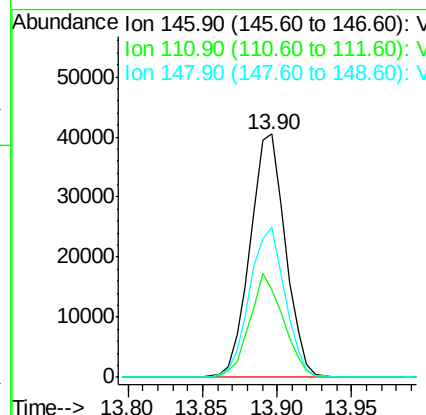
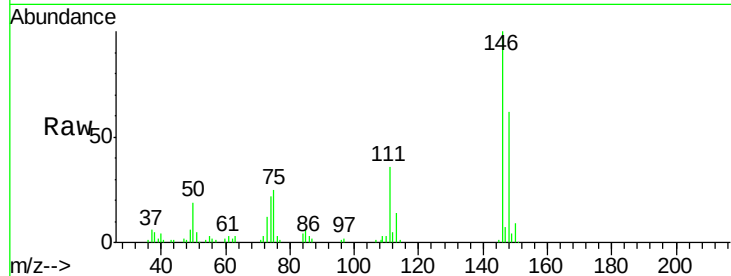




#91
 1,2-Dichlorobenzene
 Concen: 19.840 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

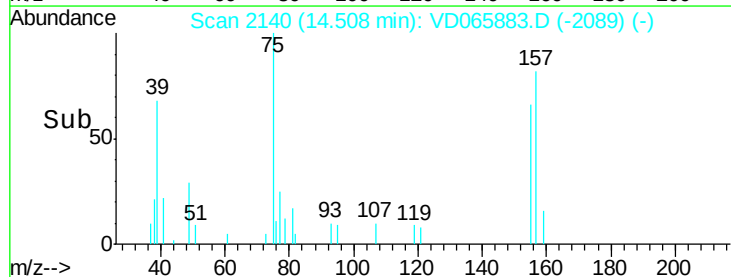
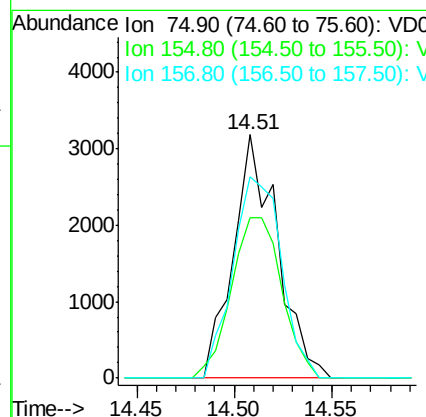
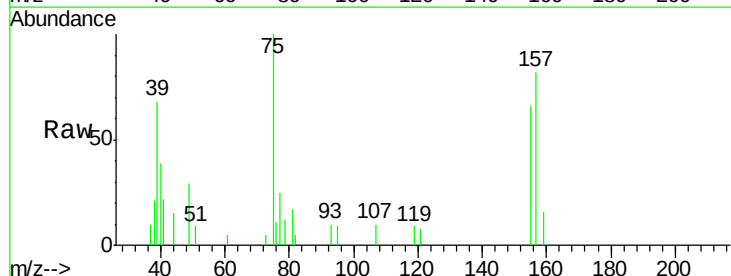
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

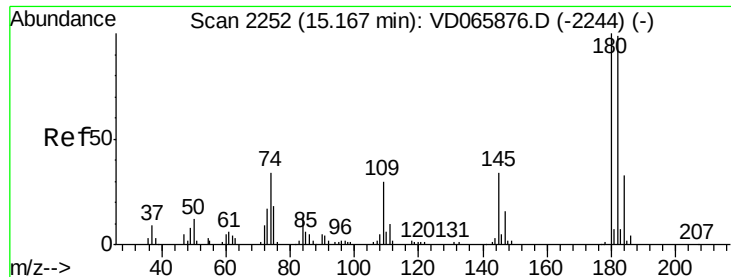
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.4
148	62.0	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.351 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	37.8	113.3
157	91.2	50.6	151.8

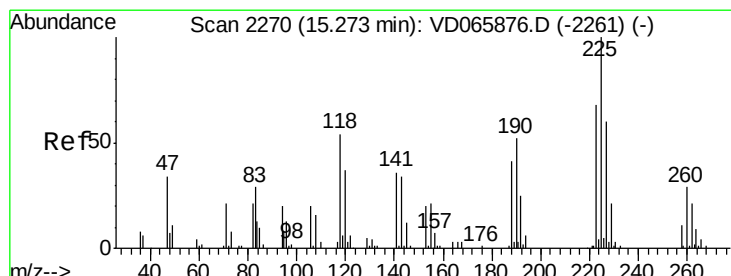
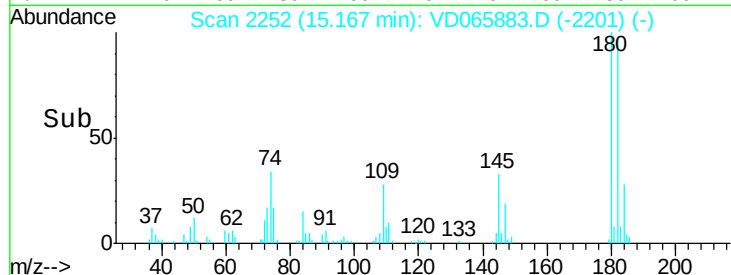
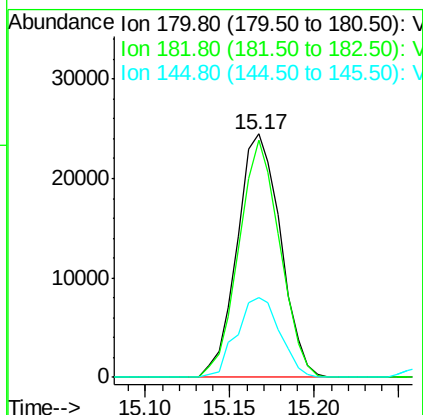
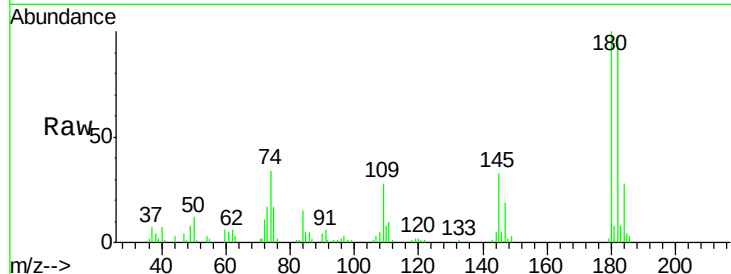




#93
 1,2,4-Trichlorobenzene
 Concen: 20.709 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

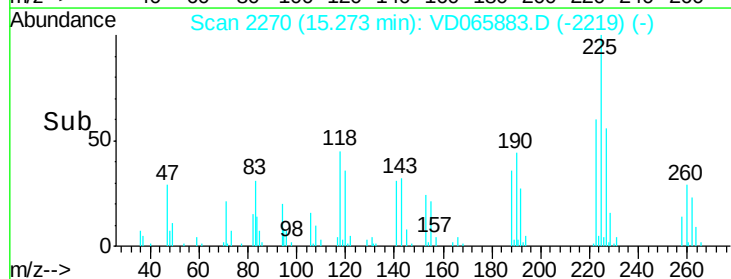
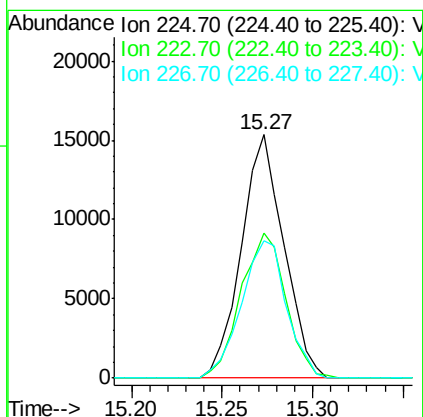
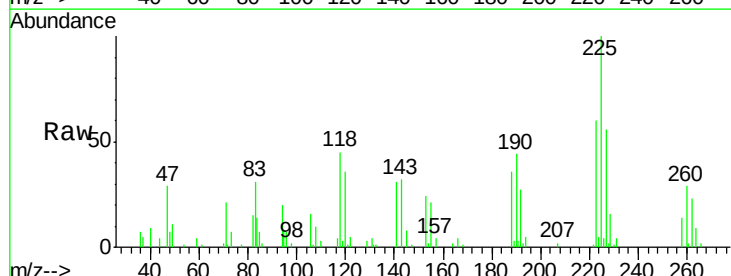
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

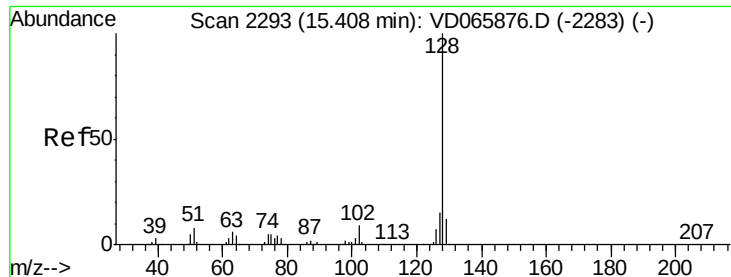
Tot Ion:180 Resp: 43744
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.7 143.1
 145 32.8 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 20.798 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065883.D
 Acq: 29 Jun 2020 13:47

Tgt Ion:225 Resp: 25057
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 59.7 30.1 90.3





#95

Naphthalene

Concen: 19.768 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0629SBS01

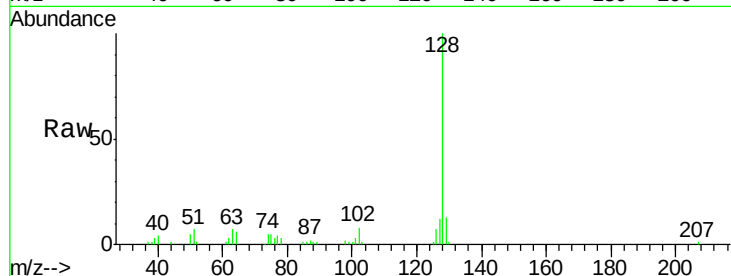
Tot Ion:128 Resp: 74969

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

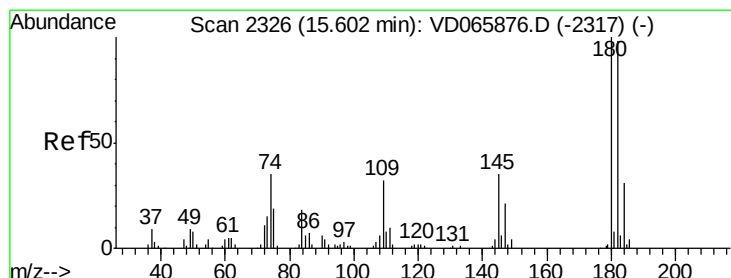
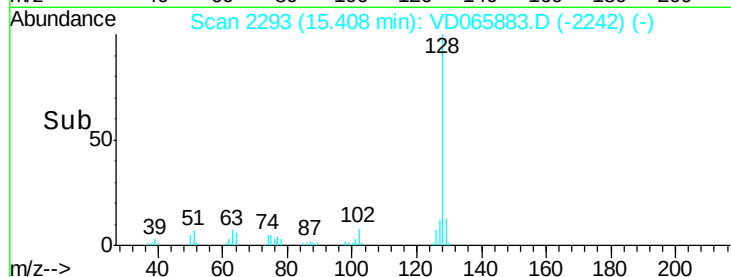
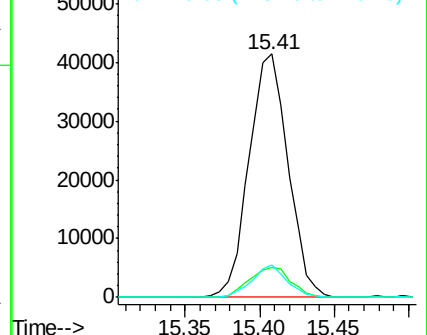
129 11.8 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 20.221 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD065883.D

Acq: 29 Jun 2020 13:47

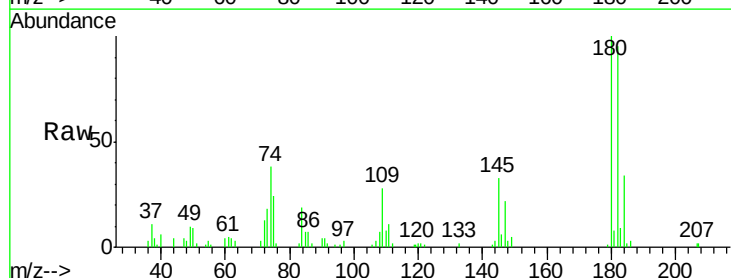
Tgt Ion:180 Resp: 35641

Ion Ratio Lower Upper

180 100

182 98.6 48.9 146.6

145 34.2 16.6 49.7



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

